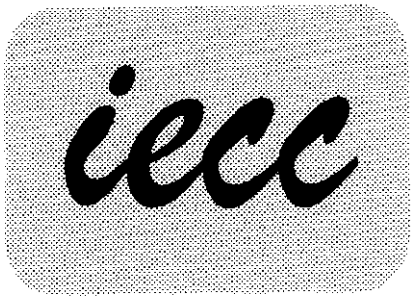
FCC ID: HAP91117R

Agent of pkm
Accredited Laboratory

Exhibit 1 - Test Report

Head Office
Unit 602-605, 6/F, 31 Lok Yip Road, On Lok Tsuen, Fanling, NT, Hong Kong Tel (852) 2305 2570 Fax (852) 2756 4489
香港新界粉嶺安寧里業路31號6樓602-605室 電話 (852) 2305 2570 傳真 (852) 2756 4489

Guangzhou Office
Unit 1916, 19/F, South Tower, Guangzhou World Trade Centre Complex, 371-375 Huan Shi Dong Rd, Guangzhou, PR of China Tel (020) 8376 4838 Fax (020) 8376 3917
廣州市環市東路371-375號世貿中心南塔19樓1916室 電話 (020) 8376 4838 傳真 (020) 8376 3917



INTERNATIONAL ELECTRICAL CERTIFICATION CENTRE LTD.

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TEST REPORT

REPORT NO.: 16035/8/400F

Units 602-605, 6/F., 31 Lok Yip Road, On Lok Tsuen, Fanling, N.T., Hong Kong
Tel: [852] 2305-2570 **Fax**: [852] 2756-4480

FCC listed testlab
acc. to Section 2.948 of the FCC - Rules

in compliance with the requirements of
ANSI C63.4 - 1992

Product	:	Remote Control Car -- 49 MHz Receiver
Model	:	91117-49
Importer	:	ECHO TOYS LTD
Manufacturer	:	ECHO ELECTRONIC TOYS FACTORY

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LABORATORY - REPORT

APPLICANT: ECHO TOYS LTD

ADDRESS: 8 A&B, Block 1, Tai Ping Industrial Centre
57 Ting Kok Road
Taipo, NT
HONG KONG

DATE OF SAMPLE RECEIVED: 1998-03-11

DATE OF TESTING: 1998-03-23

DESCRIPTION OF SAMPLE:

Product:	Remote Control Car -- 49 MHz Receiver
Manufacturer:	ECHO ELECTRONIC TOYS FACTORY
Model number:	91117-49
Rating:	DC 9V (battery pack)
Country of Origin:	P.R. CHINA

INVESTIGATIONS REQUESTED: Measurements to the relevant clauses of F.C.C. Rules and Regulations Part 15 Subpart B – 'Unintentional Radiators'

RESULTS: See the attached test sheets

CONCLUSIONS From the measurement data obtained, the tested sample was considered to have COMPLIED with the requirements for the relevant clauses of Federal Communications Commission Rules as specified above.

Authorized Signature

Remark: Purpose of those tests in this report is to provide the applicant with the necessary test data of their device for the submission to FCC with application for Equipment Authorization under the FCC Equipment Authorization Program. The tests themselves are not Approval Tests

Summary of Test Results

Interference Radiation:

Test result: O.K.
Test data: See attached data sheet

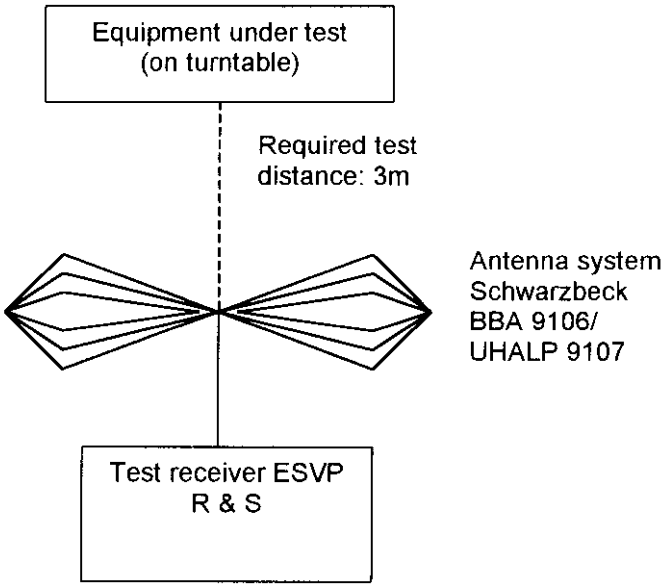
Interference Voltage:

Test result: N.A.
Test data: N.A.

TEST EQUIPMENT LIST

Equipment	Manufacturer	Model	Serial Number	Remark
Test Receiver	Rohde & Schwarz	ESH 3	863497/015	10KHz – 30MHz
Test Receiver	Rohde & Schwarz	ESVP	860688/022	25MHz – 1,300 MHz
Artificial Mains Network (LISN)	Schwarzbeck	NSLK 8127	--	2 x 10A, 50Ω, 50μH 10KHz-30MHz
Antenna System	Schwarzbeck	BBA 9106 / UHALP 9107	--	30MHz – 1000MHz
Antenna Mast System	Schwarzbeck	AM9104	--	Max. 4 meters height
Spectrum Analyzer with Q. Peak	Tektronix	2712	B023006	9KHz – 1.8GHz
Interface for Spectrum 2712	Tektronix	TD3F14A	--	
Test Receiver	Rohde & Schwarz	ESH 3	892580/006	10KHz – 30MHz
Test Receiver	Rohde & Schwarz	ESVP	863512/012	25MHz – 1,300 MHz
Impulse Limiter	Rohde & Schwarz	ESH-3-Z2	--	
Artificial Mains Network (LISN)	Schwarzbeck	NSLK 8127	--	2 x 10A, 50Ω, 50μH 10KHz-30MHz
Antenna System	Schwarzbeck	BBA 9106 / UHALP 9107	--	30MHz – 1000MHz
Signal Generator	Rohde & Schwarz	SWS 2	879113/42	100KHz – 1040 MHz
Digital Multimeter	Tektronix	DM2510G	DM-2510GTW10555	10KHz – 30MHz
Turntable with Controller	Drehtisch	DT312	--	ϕ120 cm

Radiated Emission Testprocedure



Unintentional Radiators

International Electrical Certification Centre Ltd.

Measurement of Radiated Emissions (30MHz-1000MHz)
Acc: FCC Part 15 Subpart B

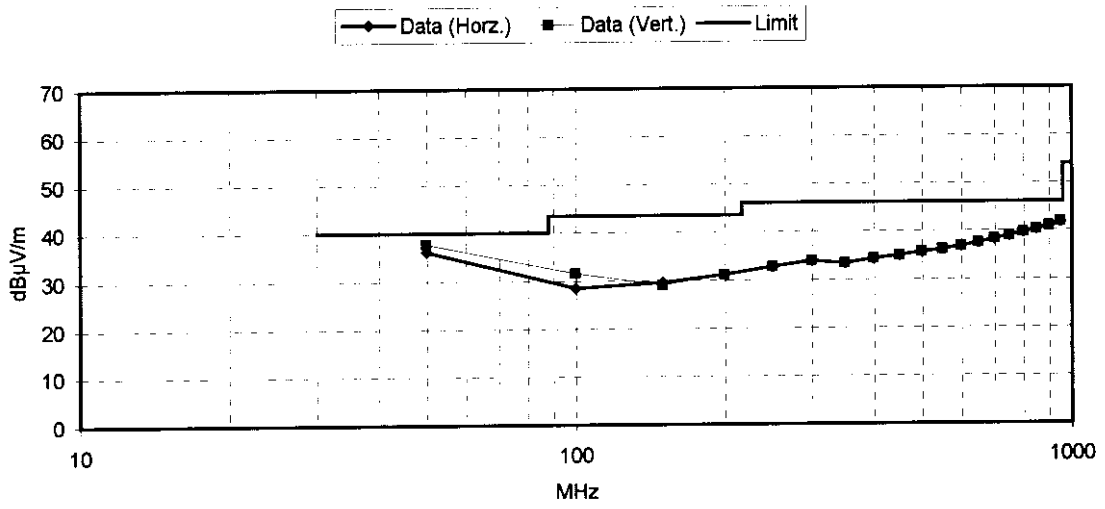
IECC Ref: 16035/8/400F
Model: 91117-49
Applicant: ECHO TOYS LTD

Ser.Nr.: 1

Set under test: Remote Control Car
Connected sets: -
Operating mode: Power "On"

Test Equipment
Receiver: ESVP Rohde & Schwarz
Antenna: Schwarzbeck BBA 9106
and UHALP 9107

Frequency (MHz)	Horz. Reading dB(µV)	Vert. Reading dB(µV)	Antenna Factor (dB)	Horiz. Test Result (µV/m)	Vert. Test Result (µV/m)	Limit (µV/m)
49.86	28.5	30	7.7	64.9	77.1	100.0
99.72	20	23	8.5	26.7	37.8	150.0
149.58	16.5	< 16	13.0	29.8	< 28.2	150.0
199.44	< 16	< 16	15.1	< 35.8	< 35.8	150.0
249.3	< 16	< 16	16.7	< 43.1	< 43.1	200.0
299.16	< 16	< 16	18.0	< 50.0	< 50.0	200.0
349.02	< 16	< 16	17.4	< 46.7	< 46.7	200.0
398.88	< 16	< 16	18.3	< 51.8	< 51.8	200.0
448.74	< 16	< 16	19.0	< 56.1	< 56.1	200.0
498.6	< 16	< 16	19.7	< 60.8	< 60.8	200.0
548.46	< 16	< 16	20.2	< 64.5	< 64.5	200.0
598.32	< 16	< 16	20.9	< 69.8	< 69.8	200.0
648.18	< 16	< 16	21.6	< 75.6	< 75.6	200.0
698.04	< 16	< 16	22.4	< 82.9	< 82.9	200.0
747.9	< 16	< 16	23.0	< 89.6	< 89.6	200.0
797.76	< 16	< 16	23.7	< 96.3	< 96.3	200.0
847.62	< 16	< 16	24.3	< 104.0	< 104.0	200.0
897.48	< 16	< 16	25.0	< 111.8	< 111.8	200.0
947.34	< 16	< 16	25.7	< 122.0	< 122.0	200.0



Date: 23 MAR 1998

☒ O.K.

Notes for Radiation Measurement

1. **Measurement facility:**
   Measurement facility located at Fanling (Hong Kong), placed on file with the FCC Pursuant to Section 2.948 of the FCC Rules.

2. **Distance between the EUT and measuring antenna:**
   3 meters.

3. **Measuring instrumentations:**
   Rohde & Schwarz ESVP Test Receiver (20 - 1300 MHz) with a CISPR weighting QP detector, 6 dB bandwidth set at 120 KHz.

4. **Measuring antenna:**
   Broad-band antenna for the frequency range 30 - 300 MHz and frequency range 300 - 1000 MHz, connected with 10 meters coaxial cable. Cable loss of the coaxial cable included in the Antenna Factor for measurement data. The antennas are capable of measuring both horizontal and vertical polarizations.

5. **Frequency range scanned:**
   The frequency range 30 - 1000 MHz has been scanned. Readings of the highest emissions relating to the limit were reported as above.

6. **Arrangement of EUT:**
   During the test, the sample was operated at rated supply voltage and arranged for maximum emissions.

7. **Measuring Procedure:**
   In **accordance** with the relevant sections of the American National Standards Institute (ANSI) C63.4-1992 'Methods of Measurement of Radio Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9KHz to 40GHz'.