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Federation of Hong Kong Industries
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The Hong Kong Toys Council
The Hong Kong Exporter's Association
The Hong Kong Association of Certification Laboratories

The Hong Kong Standards and Testing Centre Ltd

TEST REPORT

1998-03-21

No.: HM836/504

APPLICANT: (CODE : 011327)

KIN YAT INDUSTRIAL CO., LTD.
7/F Block A-B Galaxy Factory Bldg.,
25-27 Luk Hop St., San Po Kong,
Kowloon.

DATE OF SAMPLES RECEIVED: 1998-03-12

DATE OF TESTING: 1998.03.19

DESCRIPTION OF SAMPLE(S):

A sample of product said to be:

Product:	Land Shark (Radio-Control Car)
Manufacturer:	Kin Yat Ind. Toys Factory
Model Number:	65402
Brand Name:	KENNER
Rating:	DC 9V ("6F22" size battery X 1)
Origin:	Made in China

INVESTIGATIONS REQUESTED:

Measurement to the relevant clauses of F.C.C. Rules and Regulations Part 15 Subpart C - Intentional Radiator.

RESULT/ REMARK: Please see attached sheet(s).

CONCLUSION:

From the measurement data obtained, the tested sample was considered to have COMPLIED with the clause 15.235 of Federal Communications Commission Rules and Regulations Part 15.

TEST EQUIPMENT AUDIT: Please see Appendix A

Gulam Hussein Bharuchi
for Managing Director

Note:
Attention is drawn to the conditions printed overleaf under which this report is issued.
The test results of this report refer only to the sample tested and do not apply to the bulk, unless the sampling has been carried out by The Hong Kong Standards and Testing Centre Ltd and is stated as such in the report.
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TEST SUMMARY

***** INTENTIONAL RADIATOR *** :**

(1) Measurement of Emission of RF energy on the carrier frequency.....Satisfactory

Measurement of the out-of band emissions including harmonics.....Satisfactory

(2) Measurement of Emission Within Band Edges.....Satisfactory

(3) Measurement of Line-Conducted Voltage onto AC Power Line.....Not applicable

TEST DATA

Please refer to the attached result sheets.

The Hong Kong Standards and Testing Centre Ltd

1998-03-21

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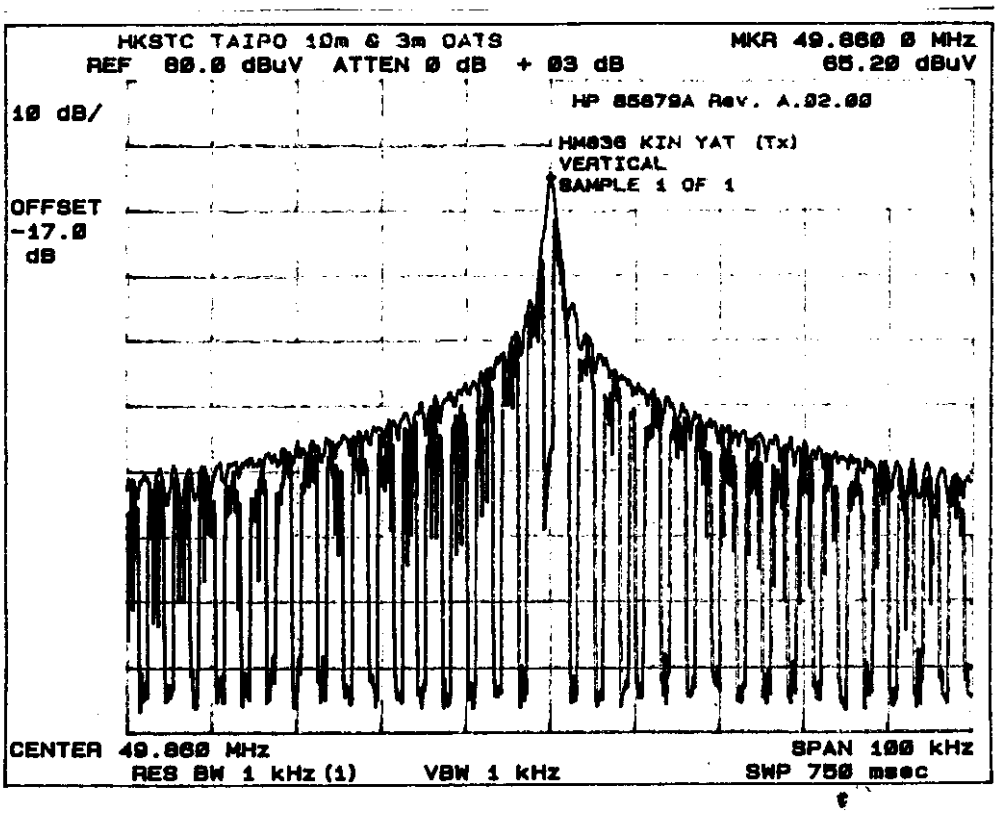
*** INTENTIONAL RADIATOR ***

(2) Measurement of Emissions Within Band Edges.

TEST REFERENCE: FCC Rules Part 15 section 15.235(49.82-49.90 MHz)
TEST CONDITION: Normal
TEST DATE : 1998.03.19



RESULTS AND NOTES

L: FCC Lower Band Edge.....->49.820MHz
H: FCC Higher Band Edge.....-> 49.900MHz
C: Unmodulated carrier at frequency.....-> 49.860MHz
D: No. of dB from unmodulated carrier.....-> 65.2dB

SPECTRUM ANALYZER SETTINGS

Resolution bandwidth : 1.0KHz
Frequency span : 10.0KHz/div
No. of dB/div : 10.0dB/div

FCC Limit

Minimum No. of dB from unmodulated carrier required : 26.0dB

==========SUMMARY==========

All data is within limits

The Hong Kong Standards and Testing Centre Ltd

No.: HM836/504 **Date : 1998-03-21**

Appendix A

TEST EQUIPMENT AUDIT

Radiated Emission

EQP NO.	DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	LAST CAL
EM007	SPECTRUM ANALYZER	H P	HP85660B	3144A21192	02/05/97
EM008	SPECTRUM ANALYZER DISPLAY	H P	HP85662A	3144A20514	02/05/97
EM009	QUASI PEAK ADAPTOR	H P	HP85650A	3303A01702	02/05/97
EM010	RF PRESELECTOR	H P	HP85685A	3221A01410	02/05/97
EM011	ATTENNUATOR/SWITCH	H P	HP11713A	2508A10595	02/05/97
EM012	PRE-AMPLIFIER	H P	HP8449B	3008A00262	02/05/97
EM013	CONTROLLER (COMPUTER), COLOR MONITOR, KEYBOARD & MOUSE FLOPPY DRIVE	H P H P H P	HP9000 HP A1097C HP9133L	6226A60314 3151J39517 2623A02468	CM
EM017	ANTENNA	ARA INC.	LPB-2513/A	1069	31/12/97
EM072	SIGNAL GENERATOR	HP	8640B	1948A11892	25/03/97
EM083	HKSTC OPEN AREA TEST SITE	HKSTC	N/A	N/A	16/02/98

ABBREVIATIONS:

CM = Corrective Maintenance
N/A= Not Applicable

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1998-03-21

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NOTES FOR THE RADIATION MEASUREMENT

(1) Test site facility:
Open field test site located at Taipo (Hong Kong) with a metal ground plane on filed 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:
CISPR Quasi-peak type field strength meter (25 MHz - 1000 MHz). 6 dB bandwidth set at 120KHz. Also, peak level of the fundamental emissions was measured in order to determine compliance with the 20dB peak to average limit specified in Section 15.35(b) of the FCC new Rules.

(4) Measuring antenna:
Broad band antenna for the frequency range 25-1000 MHz, connected with 10 meters coaxial cable. Cable loss of the coaxial cable. included in the Antenna Factor for measurement data. The antenna are capable of measuring both horizontal and vertical polarizations.

(5) Frequency range scanned:
The frequency range from 25 MHz to 1000 MHz had been searched. 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 clauses of the FCC Rules Part 15 section 15.235.

(8) Measuring Uncertainty:
The calculated uncertainty for measurement performed at 3M test distance are:-
30MHz to 200MHz = ± 3.7dB, 200MHz to 1000MHz = + 3.0dB/-2.7dB.

Remark: Purpose of this test is to provide the Applicant with the necessary test data of their device for the submission to FCC with application for Equipment Authorization under FCC's Equipment Authorization Program. This test itself is not an Approval Test.

**********End of Document**********

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