



國際電器認證中心有限公司 International Electrical Certification Centre Ltd.

提供電器產品測試國際認證及諮詢服務 Technical Services in Electrical Product Testing, International Certification & Information

Agent of 
Accredited Laboratory

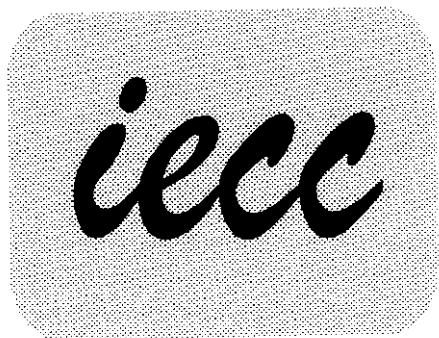
FCC ID: BT2SX-801

Exhibit 1 - Test Report

Head Office

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INTERNATIONAL ELECTRICAL CERTIFICATION CENTRE LTD.

F C C -

TEST REPORT

REPORT NO.: 16074/8/200F



INTERNATIONAL
ELECTRICAL
CERTIFICATION
CENTRE LTD.

FCC - Test Report
No. 16074/8/200F

Date: 1998-03-24

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LABORATORY - REPORT

APPLICANT: SHIBA ELECTRONICS LTD
ADDRESS: Unit 1002 B, 10/F, Sunbeam Centre
27 Shing Yip Street
Kwun Tong, Kowloon
HONG KONG
DATE OF SAMPLE RECEIVED: 1998-03-17
DATE OF TESTING: 1998-03-24

DESCRIPTION OF SAMPLE:
Product: Multi-Purposes Storage Box with AM/FM Radio & Weather Band,
Detachable Torch & Fluorescent Lamp
Manufacturer: TUNG WEI ELECTRONICS CO LTD
Model number: SX-801
Band combination: AM/FM and Weather Band
Rating: DC : DC 6V ('C' Size Battery x 4)
Country of Origin: P.R. CHINA

INVESTIGATIONS
REQUESTED: Measurements to the relevant clauses of F.C.C. Rules and Regulations
Part 15 Subpart C -- Radio Receivers (Old Rules)

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.



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 Test.



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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.



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International Electrical Certification Centre Ltd.

Interference Radiation 25MHz to 1000MHz
According: FCC Part 15 Subpart C (Old Rules)

IECC Ref:	16074/8/200F
Model:	SX-801
Applicant:	SHIBA ELECTRONICS LTD
Ser.Nr.:	1
InterFreq	10.7 MHz

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

Receiving - frequency (MHz)	Oscillator-frequency (MHz)	Harmonics	Reading dB μ V	Polarization	Correction - factor (dB)	Testresult dB μ V/m	Limit dB(μ V/m)
89.8	100.5	1	34.5	V	8.7	43.2	54.0
	201.0	2	< 16	H	15.1	< 31.1	63.5
	301.5	3	< 16	H	16.3	< 32.3	66.1
	402.0	4	< 16	H	18.3	< 34.3	71.2
	502.5	5	< 16	H	19.7	< 35.7	74.0
	603.0	6	< 16	H	20.9	< 36.9	74.0
	703.5	7	< 16	H	22.4	< 38.4	74.0
	804.0	8	< 16	H	23.8	< 39.8	74.0
	904.5	9	< 16	H	25.1	< 41.1	74.0
98.3	109.0	1	36.5	V	9.6	46.1	54.0
	218.0	2	< 16	H	15.7	< 31.7	63.5
	327.0	3	< 16	H	16.8	< 32.8	67.6
	436.0	4	< 16	H	18.8	< 34.8	72.7
	545.0	5	< 16	H	20.2	< 36.2	74.0
	654.0	6	< 16	H	21.7	< 37.7	74.0
	763.0	7	< 16	H	23.2	< 39.2	74.0
	872.0	8	< 16	H	24.7	< 40.7	74.0
	981.0	9	< 16	H	26.2	< 42.2	74.0
108	118.7	1	35	H	10.8	45.8	54.0
	237.4	2	17	H	16.3	33.3	63.5
	356.1	3	< 16	H	17.5	< 33.5	69.1
	474.8	4	< 16	H	19.4	< 35.4	74.0
	593.5	5	< 16	H	20.8	< 36.8	74.0
	712.2	6	< 16	H	22.6	< 38.6	74.0
	830.9	7	< 16	H	24.1	< 40.1	74.0
	949.6	8	< 16	H	25.8	< 41.8	74.0
	173.2	1	38.5	H	14.0	52.5	63.3
Weather Band	346.4	2	< 16	H	17.3	< 33.3	68.6
	519.6	3	20.5	H	19.9	40.4	74.0
	692.8	4	< 16	H	22.3	< 38.3	74.0
	866.0	5	< 16	H	24.6	< 40.6	74.0

Date: 24 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 IEC Publication 106.