
INTERTEK TESTING SERVICES

1.0 General Description

1.1 Product Description

The equipment under test (EUT) is a radio receiver with weather band and TV band. The EUT is powered by the AC mains. It is subject to the FCC Part 15 Notification application.

The following lists the technical description of the EUT.

- Q₁ and the associated circuit act as a TV₁ and FM receiver.
- Q₂ and the associated circuit act as a TV₁ and FM convertor.
- Q₃ and the associated circuit act as a TV₂ receiver.
- Q₄ and the associated circuit act as a TV₂ convertor.
- Q₅ and the associated circuit act as a weather band receiver.
- Q₆ and the associated circuit act as a weather band convertor.
- U₁ and the associated circuit act as a AMFM IF amplifier.

The frequency range are as:

- AM 540 - 1700 kHz
- FM 88 - 108 MHz
- TV₁ 57 - 88 MHz (Ch.2 - Ch.6)
- TV₂ 175 - 220 MHz (Ch.7 - Ch.13)
- Weather 160 - 163 MHz

1.2 Related Submittal(s) Grants

This is a single application for Notification of a receiver.

1.3 Test Methodology

Both AC mains line-conducted and radiated emission measurements were performed according to the procedures in IEC 106 (1959) and supplement 106A (1962) and EIAS RS-378 for the spurious radiation.

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1.4 Test Facility

The open area test site and conducted measurement facility used to collect the radiated data is located at Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong. This test facility and site measurement data have been placed on file with the FCC.

1.5 Attestation

Enclosed please find the Attestation which is filled by the applicant.

GMT INDUSTRIAL LTD.

MANUFACTURER, IMPORTER & EXPORTER

UNIT 1008, 10/F., EASTERN CENTRE.

1065 KING'S ROAD, HONG KONG.

MAILING ADDRESS: G. P. O. BOX 10363, HONG KONG

TEL: 28119335 (5 LINES)

TELEX: 65528 GMT HX

CABLE: "GMTWORLD"

FAX: 25657752

ATTESTATION

This equipment has been tested in accordance with requirements contained in the appropriate Commission regulations. To the best of my knowledge, these tests were performed using measurement procedures consistent with industry or Commission standards and demonstrate that the equipment complies with the appropriate standards. Each unit manufactured, imported or marketed, as defined in the Commission's regulations, will conform to the sample(s) tested within the variations that can be expected due to quantity production and testing on a statistical basis. I further certify that the necessary measurements were made by Intertek Testing Services, 2/F1., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.

PORTABLE AM/FM/TV BAND RADIO
WITH INSTANT WEATHER BAND

(Product)

PC-109

(Model)

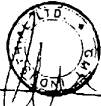
GMT INDUSTRIAL LTD

(Manufacturer)

22/7/1998

(Date)

(Signature)



VIOLA NGAN, SECRETARY

(Title)

FCC ID: BSYPC-109

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EXHIBIT 2

EMISSION RESULTS

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2.0 **Emission Results**

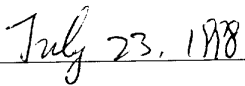
The judgement on the radiated emission and conducted emission test together with the corresponding configuration photographs are included in the following pages.

TEST PERSONNEL:



Test Signature

Kenneth H. M. Lam, Electronics Engineer
Typed/Printed Name



Date

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2.1 Radiated Emission Results

Radiated Emissions from the EUT fulfilled the requirement in §15.109(a). The worst case radiated emission is 5.3 dB below the limit at 164.774 MHz.

Configuration photographs are included in the following pages.

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2.3 Line Conducted Emission Data

The Line Conducted Emission from the EUT fulfilled the requirement in §15.107. No line conducted emission was found.

The configuration photographs are included in the following pages.