







Quálifica indecendent Laborators

# FCC-

# TEST REPORT

**REPORT NO.: 51422** 











Date: 2008-12-17

No. 51422

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

**Product** : Self-Powered AM/FM Weather

Band Radio with Built-In Flashlight

Product Class: Communication Receiver (Super

Hetrodyne)

Model No.: TF-35, TF-37

Importer / TEN FORWARD LTD

Manufacturer:

.....

FCC ID No. : V2N35W

嚴州市水酸路56號3棟2A至

Postcode 郵政編號: 510075











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嚴州市水蔭路56號3標2A室

Postcode 郵政編號, 510075











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## LABORATORY - REPORT

APPLICANT: TEN FORWARD LTD.

ADDRESS: Rm 1708-9, Lucida Industrial Building

43-47 Wang Lung Street

Tsuen Wan, N.T.

Hong Kong

DATE OF SAMPLE RECEIVED: 2008-11-19

DATE OF TESTING: 2008-11-20 to 2008-12-15

**DESCRIPTION OF SAMPLE:** 

Product: Self-Powered AM/FM Weather Band Radio with Built-In Flashlight

Product class: Communication Receiver (Super Hetrodyne)

Model No.: TF-35, TF-37

(Model TF-37 is identical with the test model TF-35 for circuit diagram and

PCBs, but with different front panel)

FCC ID number: V2N35W

Band combination: AM / FM / Weather Band

Rating: AC/DC adaptor - Input: AC 120V 60Hz, Output: DC 6V; or

DC 4.5V (AA size battery x 3) or DC 3.6V (rechargeable batteries)

**CONDITION OF TEST SAMPLE:** The received sample was under good condition.

Measurements to the relevant clauses of F.C.C. Rules and Regulations **INVESTIGATIONS** 

Part 15 Subpart B - 'Unintentional Radiators' REQUESTED:

**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.

> > ELEGRICAL CERTIFICATION

物证中心有

Stephen C.N. Wong Technical Manager

China 中國

Address 地址



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

提供電器產品店試圖際認證及諮詢服務 Technical Services in Electrical Product Testing, International Certification & Information







## FCC - Test Report

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#### **Test Locations**

Radiated Emission Test (30 - 1000 MHz) and Conducted Emission Test

International Electrical Certification Centre Ltd.

Unit 602-605, 31 Lok Yip Road, On Lok Tsuen, Fanling, N.T., Hong Kong

Tel: +852 23052570 Fax: +852 27564480 Email: info@iecc.com.hk

Radiation Emission Test (1000 - 2000 MHz)

Shenzhen Academy of Metrology & Quality Inspection

Bldg. of Shenzhen Academy of Metrology and Quality Inspection

Longzhu Road, Nanshan, Shenzhen, China

Tel: +86 755 26001806 Fax: +86 755 26001809

Email: certification@smq.com.cn

## **Summary of Test Results**

#### Radiated Emission:

Test result:

O.K

Test data:

See attached data sheet

#### **Conducted Emission:**

Test result:

O.K.

Test data:

See attached data sheet

Tel 電話 (852) 2305 2570 Fax 傳真: (852) 2756 4480

Tel 電話: (86-20) 8768 4838 Fax 傳頁: (86-20) 8768 3918 E-mail 電子郵件 info@iecc.com.hk Home Page 網頁: http://www.iecc.com.hk

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## TEST EQUIPMENT LIST

#### Radiated Emission Test (30 – 1000 MHz) and Conducted Emission Test

Equipment	Manufacturer	Model	Serial No.	Last Calibration Date	Next Calibration Date		
Test Receiver	Rohde & Schwarz	ESCS 30	100388	26/8/2008	25/8/2009		
Artificial Mains Network (LISN)	Schwarzbeck	NSLK 8127	8127312	2/12/2008	1/12/2009		
Antenna	Schaffner	CBL6111C	2791	22/07/2008	21/07/2010		
Antenna Mast System	Schwarzbeck	AM9104					
Turntable with Controller	Drehtisch	DT312					

#### Radiation Emission Test (1000 - 2000 MHz)

Equipment	Manufacturer	Model	Serial No.	Last Calibration Date	Next Calibration Date	
Test Receiver	Rohde & Schwarz	SB3436	838786/013	24/1/2008	23/1/2009	
Bilog Antenna	Chase	SB3440	2591	24/1/2008	23/1/2009	







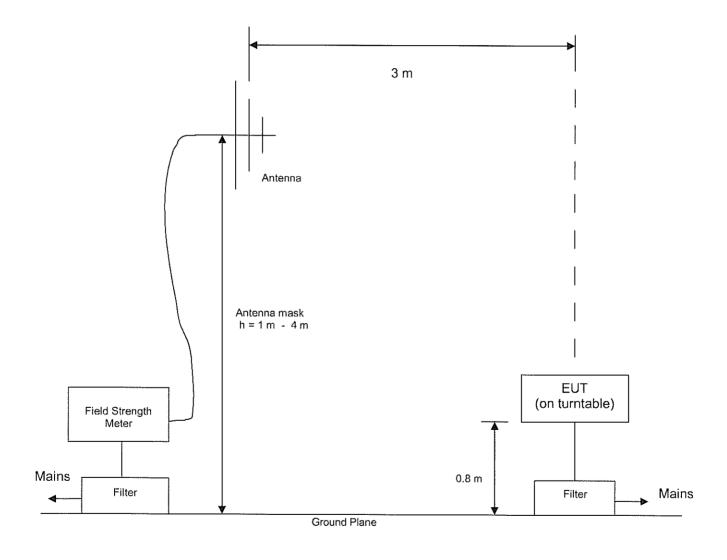


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## Radiated Emission Test Setup (3 m diatance)



Address 地址:

Address heat:

Units 602-605, 6/F , 31 Lok Yip Rd., On Lok Tsuen, Fanling, N.T., Hong Kong.

China 中國:

Offics 502-505, 67F, 31 L0K YIP Rd., On Lok Tsuen, Fanling, N F., Fr 香港新界粉ッ安線村樂業路31號6楼602-605室 IECC (Guangzhou) Services Co., Ltd. 廣州時並進技物服務有限公司 Flat A, 2/F., Block 3, 56 Shuiyin Road, Guangzhou, P R of China. 廣州市水経路56號3棟2A室 Postcode 鄭政編號: 510 Postcode 郵政編號: 510075

Tel 單語 (852) 2305 2570 Fax 傳真: (852) 2756 4480

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E-mail 電子部件: info@iecc.net.cn Home Page 網頁. http://www.iecc.net.cn





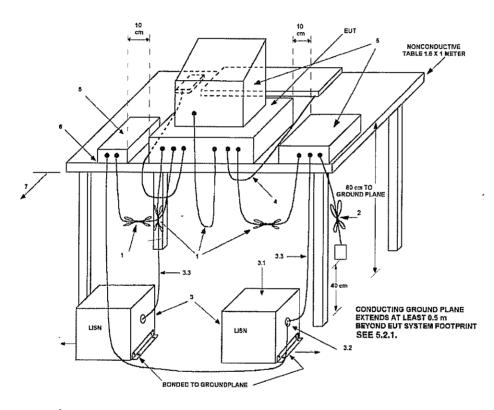




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#### **Conducted Emission Test Setup**



#### LEGEND:

屬州市水酸路56號3棟2A窟

- 1) Interconnecting cables that hang closer than 40 cm to the groundplane shall be folded back and forth in the center forming a bundle 30 to 40 cm long (see 6.1.4 and 11.2.4).
- 2) I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m (see 6.1.4).
- 3) EUT connected to one LISN. Unused LISN measuring port connectors shall be terminated in 50  $\Omega$ . LISN can be placed on top of, or immediately beneath, reference groundplane (see 5.2.3 and 7.2.1).
  - 3.1) All other equipment powered from additional LISN(s).
  - 3.2) Multiple outlet strip can be used for multiple power cords of non-EUT equipment.
  - 3.3) LISN at least 80 cm from nearest part of EUT chassis.
- Cables of hand-operated devices, such as keyboards, mice, etc., shall be placed as for normal
  use (See 6.2.1.3 and 11.2.4).
- 5) Non-EUT components of EUT system being tested (see also Figure 13).
- Rear of EUT, including peripherals, shall all be aligned and flush with rear of tabletop (see 6.2.1.1 and 6.2.1.2).
- 7) Rear of tabletop shall be 40 cm removed from a vertical conducting plane that is bonded to the groundplane (see 5.2.2 for options).

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## **Test Procedure**

#### **Radiated Emission:**

The EUT was tested according to ANSI 63.4-2003 for the requirements of FCC Part 15 Subpart B Section 15.109.

During the test, the sample was placed on a turn table and operated under various modes with supply at rated AC voltage (i.e AC120V 60Hz) to the host AC/DC adaptor. The table is 0.8 meter above the reference ground plane on the Test Site and can rotate 360 degrees to determine the position of the maximum emission level. Broad-band antennas for the frequency range 30 - 2000 MHz, connected with 10 meters coaxial cable to the test receiver was used for measurement. The antenna is capable of measuring both horizontal and vertical polarizations. The antenna was raised from 1 to 4 meters to find out the maximum emission level from the EUT.

An initial pre-scan was performed to find out the maximum emission level of the sample placed at 3 orthogonal planes. Final measurement (30 MHz –2000 MHz) was then performed to record the data for the emissions under worst-case condition for combination of the antenna orientation / height and turn table position.

- Note: 1. The Open Aera Test Site located at IECC was placed on file with the FCC Pursuant to Section 2.948 of the FCC Rules (FCC Registration No.: 97774).
  - 2. The Chamber Test Site lacated at Shenzhen Academy of Metrology & Quality Inspection was placed on file with the FCC Pursuant to Section 2.948 of the FCC Rules (FCC Registration No. : 274801).

#### **Conducted Emission:**

The EUT was tested according to ANSI 63.4-2003 for the requirements of FCC Part 15 Subpart B Section 15.107.

During the test, the sample was placed on a wooden table and operated under various modes with supply at rated AC voltage (i.e AC120V 60Hz) via the LISN to the host AC/DC adaptor. The table is 0.8 meter above the floor. The LISN was connected to the test receiver for conducted emission measurement (150kHz – 30MHz).











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## **Test Results**

#### Radiated Emission:

Test Requirement: FCC Part 15 Subpart B Section 15.109

Test Method: ANSI C63.4: 2003

Deviations from Standard Test Method: Nil

Frequency Range: 30MHz - 1000MHz (FM mode)

30MHz - 2000MHz (Weather Band mode)

30MHz - 1000MHz (Other modes)

Measurement Distance: 3 m

Class: Class B

Detector: Quasi-Peak

Refer to page 11-16 for measurement data.

#### **Conducted Emission:**

Test Requirement: FCC Part 15 Subpart B Section 15.107

Test Method: ANSI C63.4: 2003

Deviations from Standard Test Method: Nil

Frequency Range: 150kHz - 30MHz

Class: Class B

Detector: Quasi-Peak / Average

Refer to page 17 - 26 for measurement data.

應州市水區路56號3棟2A室

Postcode 郵政網號: 510075



Test Equipment

Receiver: Rohde & Schwarz ESCS 30 Antenna: Schaffner CBL6111C









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Radiated Emission

According: FCC Part 15 Subpart B (15.109)

 IECC Ref:
 51422

 Model:
 TF-35

Applicant: TEN FORWARD LTD

Ser.Nr.: --

Oper. Mode: FM Mode

InterFreq: 10.7 MHz

Receiving - frequency (MHz)	Oscillator- frequency (MHz)	Har- monics		eading dBµV	Polari- zation	Correction Factor (dB)	i .	st Result 3(µV/m)	Limit dB(µV/m)
89.8	100.5	1		18.0	Н	10.1		28.1	43.5
	201.0	2		22.0	Н	8.6		30.6	43.5
	301.5	3		23.0	Н	13.9		36.9	46.0
	402.0	4	<	16.0	H	16.9	<	32.9	46.0
	502.5	5	<	16.0	Н	19.2	<	35.2	46.0
	603.0	6	<	16.0	Н	20.9	<	36.9	46.0
	703.5	7	<	16.0	Н	22.6	<	38.6	46.0
	804.0	8	<	16.0	Н	24.0	<	40.0	46.0
	904.5	9	<	16.0	Н	25.6	<	41.6	46.0
98.3	109.0	1	<	16.0	Н	10.6	<	26.6	43.5
	218.0	2		25.0	Н	8.7		33.7	46.0
	327.0	3		26.0	Н	14.6		40.6	46.0
	436.0	4		23.0	Н	17.8		40.8	46.0
	545.0	5	<	16.0	H	20.7	<	36.7	46.0
	654.0	6	<	16.0	Н	21.6	<	37.6	46.0
	763.0	7	<	16.0	Н	24.1	<	40.1	46.0
	872.0	8	<	16.0	H	25.3	<	41.3	46.0
	981.0	9	<	16.0	Н	26.9	<	42.9	54.0
108.0	118.7	1	<	16.0	Н	11.1	٧	27.1	43.5
	237.4	2		22.0	Н	11.0		33.0	46.0
	356.1	3		24.0	Н	15.5		39.5	46.0
	474.8	4	<	16.0	Н	18.7	٧	34.7	46.0
	593.5	5	<	16.0	Н	20.6	<	36.6	46.0
	712.2	6	<	16.0	Н	22.9	<	38.9	46.0
	830.9	7	<	16.0	Н	24.8	<	40.8	46.0
	949.6	8	<	16.0	Н	27.6	<	43.6	46.0

#### The measurement results indicate that the test unit meets the FCC requirements

#### Note:

- 1. The above measured data are in Quasi-Peak values
- 2. The above results were the worst case results with the sample positioned in all 3 axis during the test. The worst case data were obtained with the sample placed normally on the table and with the telescopic antenna positioned horizontally.

Operator: KT

Address 地址

Units 602-605, 6/F., 31 Lok Yip Rd., On Lok Tsuen, Fanling, N.T., Hong Kong,

China 中國 Address 地址:

醫港新界粉漿安學村樂業路31號6樓602-605室 IECC (Guangzhou) Services Co , Ltd. 廣州時並進技術服務有限公司 Flat A, 2/F., Block 3, 56 Shuiyin Road, Guangzhou, P.R. of China. 廣州市水陸路56號3棟2A室 Postcode 鄭政編號 510075 Tel 電話: (852) 2305 2570 Fax 傳獎 (852) 2756 4480

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Radiated Emission

According: FCC Part 15 Subpart B (15.109)

IECC Ref: 51422

Model: TF-35

Applicant: TEN FORWARD LTD

Ser.Nr.:

Oper. Mode: FM Mode

InterFreq:

10.7 MHz

Test Equipment

Receiver: Rohde & Schwarz ESCS 30 Antenna: Schaffner CBL6111C

Receiving - frequency (MHz)	Oscillator- frequency (MHz)	Har- monics	Reading dBµV	Polari- zation	Correction Factor (dB)	Test Result dB(µV/m)	Limit dΒ(μV/m)
89.8	100.5	1	23.0	V	10.1	33.1	43.5
	201.0	2	21.0	V	8.6	29.6	43.5
	301.5	3	20.0	V	13.9	33.9	46.0
	402.0	4	< 16.0	V	16.9	< 32.9	46.0
	502.5	5	< 16.0	V	19.2	< 35.2	46.0
	603.0	6	< 16.0	V	20.9	< 36.9	46.0
	703.5	7	< 16.0	V	22.6	< 38.6	46.0
	804.0	8	< 16.0	V	24.0	< 40.0	46.0
	904.5	9	< 16.0	V	25.6	< 41.6	46.0
98.3	109.0	1	23.0	V	10.6	33.6	43.5
	218.0	2	27.0	V	8.7	35.7	46.0
	327.0	3	25.0	V	14.6	39.6	46.0
	436.0	4	26.0	V	17.8	43.8	46.0
	545.0	5	< 16.0	V	20.7	< 36.7	46.0
	654.0	6	< 16.0	V	21.6	< 37.6	46.0
	763.0	7	< 16.0	V	24.1	< 40.1	46.0
	872.0	8	< 16.0	V	25.3	< 41.3	46.0
	981.0	9	< 16.0	V	26.9	< 42.9	54.0
108.0	118.7	1	20.0	V	11.1	31.1	43.5
	237.4	2	< 16.0	V	11.0	< 27.0	46.0
	356.1	3	24.0	V	15.5	39.5	46.0
	474.8	4	17.0	V	18.7	35.7	46.0
	593.5	5	< 16.0	V	20.6	< 36.6	46.0
	712.2	6	< 16.0	V	22.9	< 38.9	46.0
	830.9	7	< 16.0	V	24.8	< 40.8	46.0
	949.6	8	< 16.0	V	27.6	< 43.6	46.0

#### The measurement results indicate that the test unit meets the FCC requirements

#### Note:

- 1. The above measured data are in Quasi-Peak values
- 2. The above results were the worst case results with the sample positioned in all 3 axis during the test. The worst case data were obtained with the sample placed normally on the table and with the telescopic antenna positioned vertically.

Operator: KT

Address 地址:

Units 602-605, 6/F., 31 Lok Yip Rd., On Lok Tsuen, Fanling, N.T., Hong Kong.

香港新界粉製安樂村樂業路31號6楼602-605室

China 中鑑: Address 地址:

IECC (Guangzhou) Services Co., Ltd. 廢州時並進技術服務有限公司 Flat A, 2/F., Block 3, 56 Shuiyin Road, Guangzhou, P.R. of China. 廣州市水藏路56號3棟2A室 Postcode 郵政網號. 510075

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Antenna: Schaffner CBL6111C









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Radiated Emission

Acc: FCC Part 15 Subpart B (15.109)

**IECC Ref**: 51422

Model: TF-35

Applicant: TEN FORWARD LTD

5 Test Equipment
FORWARD LTD Receiver: Rohde & Schwarz ESCS 30

Ser.Nr.:

Set under test: Self-Powered AM/FM Weather Band Radio with

Built-in Flashlight

Operating mode: Weather Band + Light ON + DC Out (28 Ohm load)

Weather Band (Channel 1) Receiving Frequency: 162.4 MHz

Frequency (MHz)		Horz. Reading dB(µV)		Vert. Reading dB(μV)	Corr. Factor (dB)	Horiz. Test Result dB(µV/m)		Vert. Test Result dB(µV/m)		Limit dB(µV/m)	
30	<	16.0	<	16.0	19.1	<	35.1	<	35.1	40.0	
100	<	16.0	<	16.0	9.5	<	25.5	<	25.5	43.5	
151.75		18.0	<	16.0	11.4		29.4	<	27.4	43.5	
303.45		22.0	<	16.0	14.3		36.3	<	30.3	46.0	
455.2		18.0	<	16.0	18.6		36.6	٧	34.6	46.0	
606.95	<	16.0	<	16.0	20.7	<	36.7	<	36.7	46.0	
800	<	16.0	<	16.0	23.8	<	39.8	<	39.8	46.0	
900	<	16.0	<	16.0	24.4	<	40.4	<	40.4	46.0	

1000		 	24.2	24.2	54.0
1213.65		 	35.0	34.4	54.0
1500		 	30.1	30.1	54.0
2000	***	 	34.3	34.2	54.0

#### The measurement results indicate that the test unit meets the FCC requirements.

#### Note:

- 1. The above measured data are in Quasi-Peak values.
- 2. The above results were the worst case results with the sample positioned in all 3 axis during the test. The worst test data were obtained with the sample placed normally on the table and the telescopic antenna of the sample was positioned horizontally and vertically for horizontal and vertical measurement respectively.

Operator: TE

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Radiated Emission

Acc: FCC Part 15 Subpart B (15.109)

IECC Ref: 51422

Model: TF-35

Applicant: TEN FORWARD LTD Test Equipment

Receiver: Rohde & Schwarz ESCS 30 Antenna: Schaffner CBL6111C

Set under test:

Ser.Nr.:

Self-Powered AM/FM Weather Band Radio with

Built-in Flashlight

Operating mode:

Weather Band + Light ON + DC Out (28 Ohm load)

#### Weather Band (Channel 4) Receiving Frequency: 162.475 MHz

Frequency (MHz)		Horz. Reading dB(μV)		Vert. Reading dB(µV)	Corr. Factor (dB)		oriz. Test Result Β(μV/m)	F	rt. Test Result B(µV/m)	Limit dΒ(μV/m)
30	<	16.0	<	16.0	19.1	<	35.1	<	35.1	40.0
100	<	16.0	<	16.0	9.5	<	25.5	٧	25.5	43.5
151.76		18.0	<	16.0	11.4		29.4	٧	27.4	43.5
303.5		22.0	<	16.0	14.3		36.3	<	30.3	46.0
455.25		18.0	<	16.0	18.6		36.6	<	34.6	46.0
607.05	<	16.0	<	16.0	20.7	<	36.7	<	36.7	46.0
800	<	16.0	<	16.0	23.8	<	39.8	<	39.8	46.0
1000	<	16.0	<	16.0	26.2	<	42.2	٧	42.2	54.0
1213.86							34.5		33.6	54.0
1365.58							35.2			54.0
1668.98							37.5		35.2	54.0
2000							33.0		33.1	54.0

The measurement results indicate that the test unit meets the FCC requirements.

#### Note:

- 1. The above measured data are in Quasi-Peak values.
- 2. The above results were the worst case results with the sample positioned in all 3 axis during the test. The worst test data were obtained with the sample placed normally on the table and the telescopic antenna of the sample was positioned horizontally and vertically for horizontal and vertical measurement respectively.

Postcode 郵政編號、510075

Operator: TE

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Ser.Nr.:





# IT 5/6

Date: 2008-12-17

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Radiated Emission

Acc: FCC Part 15 Subpart B (15.109)

 IECC Ref:
 51422

 Model:
 TF-35

 Applicant:
 TEN FORWARD LTD

 Test Equipment

 Receiver: Rohde & Schwarz ESCS 30

 Antenna: Schaffner CBL6111C

Set under test: Self-Powered AM/FM Weather Band Radio with

Built-in Flashlight

Operating mode: Weather Band + Light ON + DC Out (28 Ohm load)

Weather Band (Channel 7) Receiving Frequency: 162.55 MHz

Frequency (MHz)	1	Horz. Reading dB(μV)	Vert. Reading dB(μV)		Corr. Factor (dB)	Horiz. Test Result dB(µV/m)		R	rt. Test esult (µV/m)	Limit dB(µV/m)
30	<	16.0	<	16.0	19.1	<	35.1	٧	35.1	40.0
100	<	16.0	<	16.0	9.5	<	25.5	<	25.5	43.5
151.7		18.0	<	16.0	11.4		29.4	<	27.4	43.5
303.4		22.0	<	16.0	14.3		36.3	٧	30.3	46.0
455.1		18.0	<	16.0	18.6		36.6	٧	34.6	46.0
606.85	<	16.0	<	16.0	20.7	<	36.7	<	36.7	46.0
800	<	16.0	<	16.0	23.8	<	39.8	<	39.8	46.0
1000	<	16.0	<	16.0	26.2	<	42.2	<	42.2	54.0

1214.25	 	 37.5		54.0
1366.03	 	 35.4		54.0
1500	 	 	30.2	54.0
2000	 	 33.7	34.3	54.0

The measurement results indicate that the test unit meets the FCC requirements.

#### Note:

- 1. The above measured data are in Quasi-Peak values.
- The above results were the worst case results with the sample positioned in all 3 axis during the test.
  The worst test data were obtained with the sample placed normally on the table and the telescopic
  antenna of the sample was positioned horizontally and vertically for horizontal and vertical measurement
  respectively.

Operator: TE

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Date: 2008-12-17

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Radiated Emission

Acc: FCC Part 15 Subpart B (15.109)

IECC Ref: 51422

Model: TF-35

Applicant: TEN FORWARD LTD

Test Equipment

Receiver: Rohde & Schwarz ESCS 30

Antenna: Schaffner CBL6111C

Ser.Nr.: \_--

Set under test: Self-Powered AM/FM Weather Band Radio with

Built-in Flashlight

Operating mode: AUX IN (External MP3 source) + Light ON + DC Out (28 Ohm load)

Frequency (MHz)		Horz. Reading dB(µV)		Vert. Reading dB(µV)	Corr. Factor (dB)		oriz. Test Result IB(µV/m)	R	rt. Test esult (µV/m)	Limit dB(µV/m)
30	<	16.0	<_	16.0	19.1	<	35.1	٧	35.1	40.0
100	<	16.0	<	16.0	9.5	<	25.5	<	25.5	43.5
119.08	<	16.0	<	16.0	11.5	<	27.5	<	27.5	43.5
151.7	<	16.0		20.0	11.4	<	27.4		31.4	43.5
238.17	<	16.0	<	16.0	12.0	<	28.0	<	28.0	46.0
303.4		26.0		23.0	14.3		40.3		37.3	46.0
455.1	<	16.0	<	16.0	18.6	<	34.6	<	34.6	46.0
606.82	<	16.0	<	16.0	20.7	<	36.7	<	36.7	46.0
758.55	<	16.0	<	16.0	23.5	<	39.5	<	39.5	46.0
910.22	<	16.0	<	16.0	24.9	<	40.9	<	40.9	46.0
1000	<	16.0	<	16.0	26.2	<	42.2	<	42.2	54.0

The measurement results indicate that the test unit meets the FCC requirements.

#### Note:

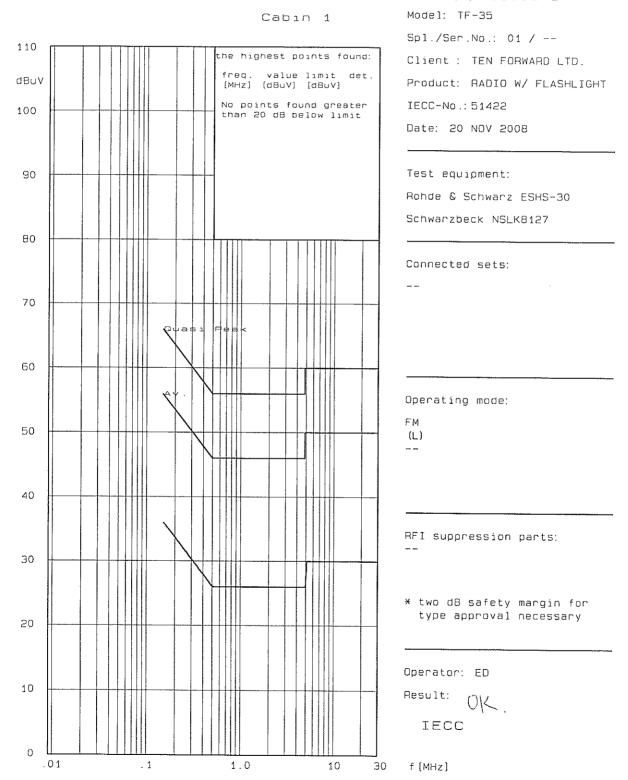
- 1. The above measured data are in Quasi-Peak values.
- 2. The above results were the worst case results with the sample positioned in all 3 axis during the test. The worst test data were obtained with the sample placed normally on the table and the telescopic antenna of the sample was positioned horizontally and vertically for horizontal and vertical measurement respectively.

Operator: TE

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## U 5/6

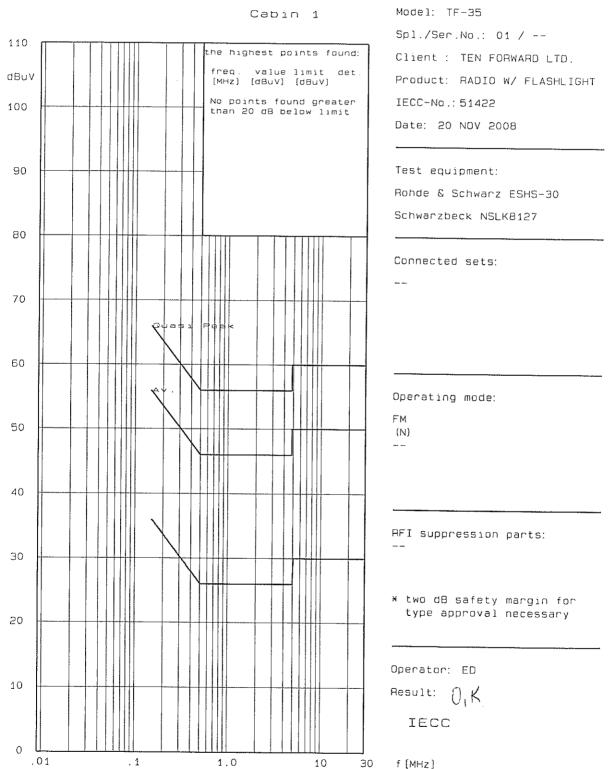
Interference Voltage 150 KHz - 30 MHz



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## U 5/6

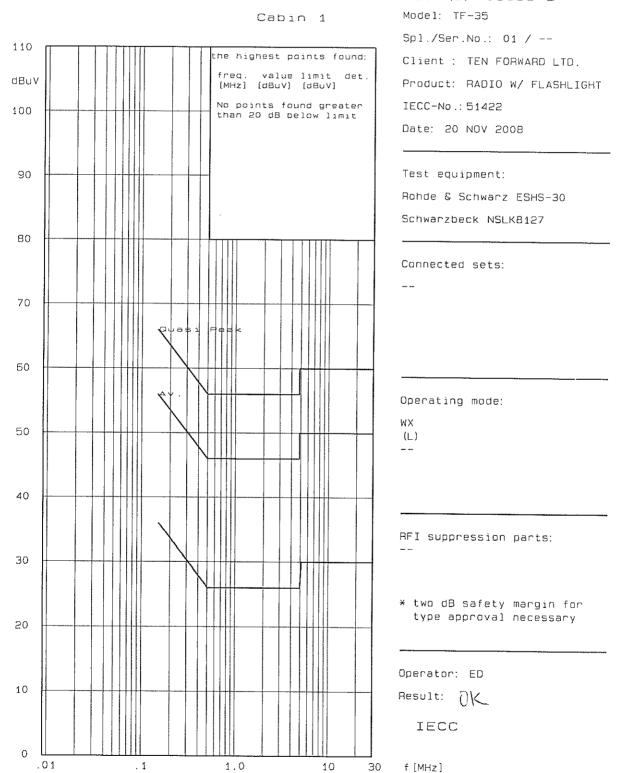
Interference Voltage 150 KHz - 30 MHz



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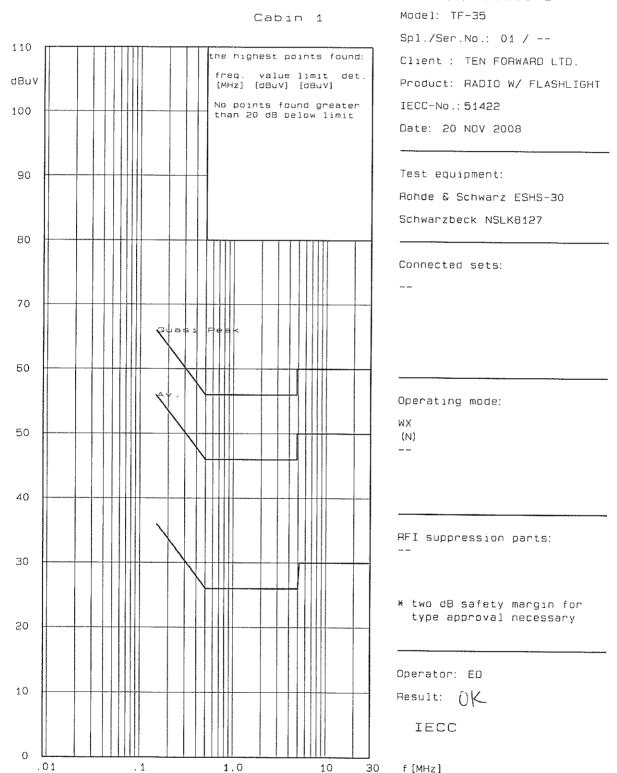
Interference Voltage 150 KHz - 30 MHz



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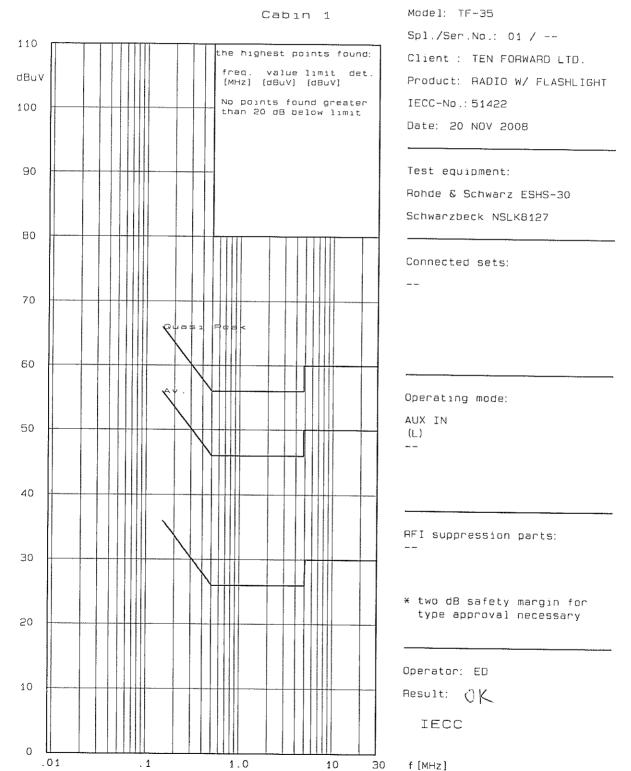
Interference Voltage 150 KHz - 30 MHz



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## U 5/6

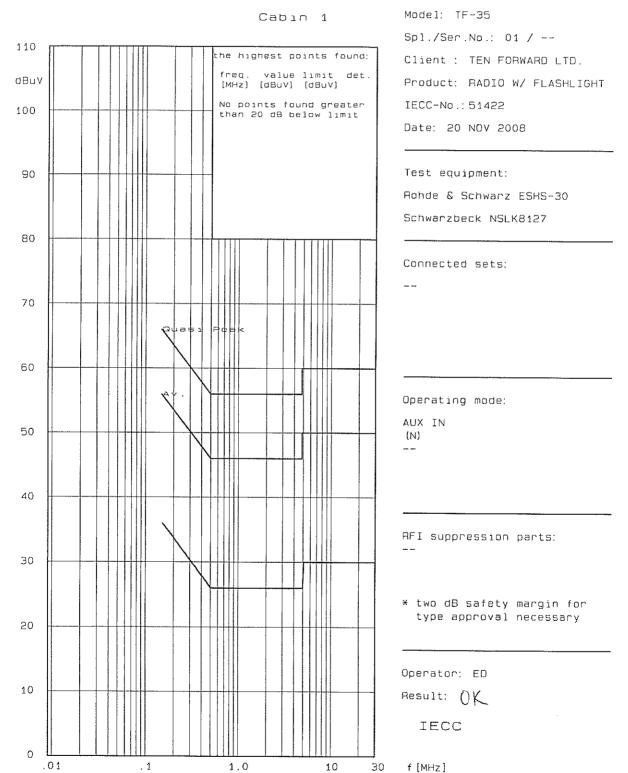
Interference Voltage 150 KHz - 30 MHz



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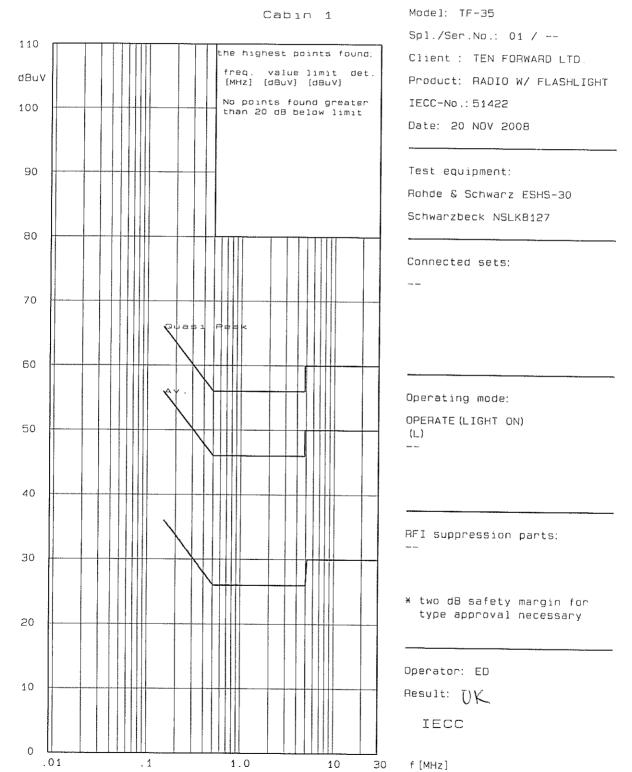
Interference Voltage 150 KHz - 30 MHz



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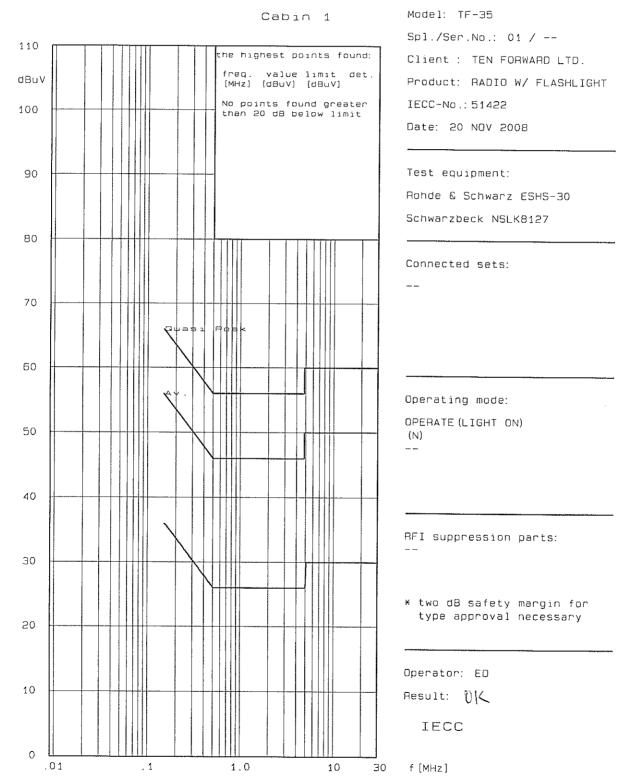
Interference Voltage 150 KHz - 30 MHz



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## U 5/6

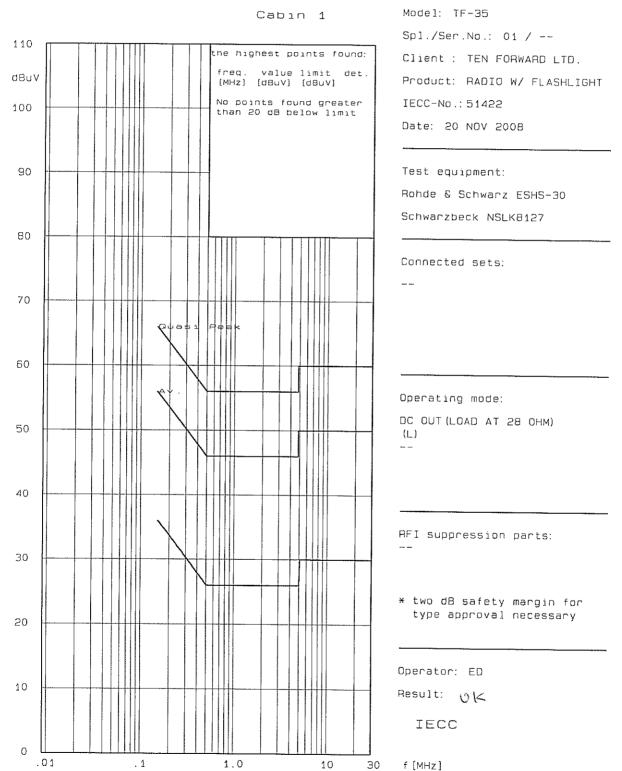
Interference Voltage 150 KHz - 30 MHz



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## U 5/6

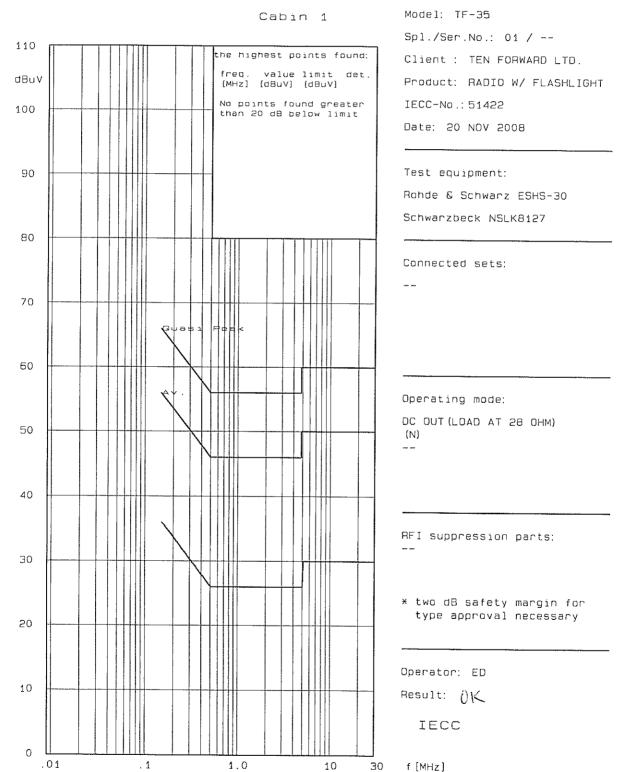
Interference Voltage 150 KHz - 30 MHz



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## U 5/6

Interference Voltage 150 KHz - 30 MHz













No. 51422

Date: 2008-12-17

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## Photo of Sample



Model: TF-35





Model: TF-37

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