



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: NMIBFG7000D

Exhibit - 1

Exhibit 1 - Test Report

Head Office

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INTERNATIONAL ELECTRICAL CERTIFICATION CENTRE LTD.

F C C -
TEST REPORT

REPORT NO.: 16579/8/200F

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



INTERNATIONAL ELECTRICAL
CERTIFICATION CENTRE LTD.

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LABORATORY - REPORT

APPLICANT: BFG VIDEO & AUDIO LTD
ADDRESS: Rm 1823-25, Metro Centre I
32 Lam Hing Street
Kowloon Bay, Kowloon
HONG KONG

DATE OF SAMPLE RECEIVED: 1998-05-26

DATE OF TESTING: 1998-06-26

DESCRIPTION OF SAMPLE:

Product: Wall Mount Radio CD
Manufacturer: BFG VIDEO & AUDIO LTD
Model number: EXC-7000D
Band combination: AM/FM / Weather
Rating: DC 12V
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), and Subpart B – 'Unintentional Radiators'. The results obtained are to compare with the Class B Digital Device limit.

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 Test.



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Summary of Test Results

A). RADIO SECTION

Interference Radiation:

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

Interference Voltage:

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

B). CD SECTION

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: 16579/8/200F
Model: EXC-7000D
Applicant: BFG VIDEO & AUDIO LTD
Ser.Nr.: 1
InterFreq: 10.7 MHz (FM Mode)

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

Receiving - frequency (MHz)	Oscillator-frequency (MHz)	Har-monics	Reading dBμV	Polari-zation	Correction - factor (dB)	Testresult dBμV/m	Limit dB(μV/m)
89.9	100.6	1	31	V	8.7	39.7	54.0 ✓
	201.2	2	26	H	15.1	41.1	63.5 ✓
	301.8	3	30	H	16.3	46.3	66.1 ✓
	402.4	4	24	H	18.3	42.3	71.2 ✓
	503.0	5	< 16	H	19.7	< 35.7	74.0 ✓
	603.6	6	< 16	H	21.0	< 37.0	74.0
	704.2	7	< 16	H	22.5	< 38.5	74.0
	804.8	8	< 16	H	23.8	< 39.8	74.0
	905.4	9	< 16	H	25.1	< 41.1	74.0
98.3	109.0	1	31	V	9.6	40.6	54.0
	218.0	2	33	H	15.7	48.7	63.5
	327.0	3	30	V	16.8	46.8	67.6
	436.0	4	28	V	18.8	46.8	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
107.9	118.6	1	26	H	10.8	36.8	54.0
	237.2	2	30	H	16.3	46.3	63.5
	355.8	3	30	V	17.5	47.5	69.1
	474.4	4	22	H	19.4	41.4	74.0
	593.0	5	17	V	20.8	37.8	74.0
	711.6	6	< 16	H	22.6	< 38.6	74.0
	830.2	7	< 16	H	24.1	< 40.1	74.0
	948.8	8	< 16	H	25.8	< 41.8	74.0

66.8
71.8

Date: 26 JUN 1993

☒ O.K.



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International Electrical Certification Centre Ltd.

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

IECC Ref: 16579/8/200F
Model: EXC-7000D
Applicant: BFG VIDEO & AUDIO LTD
Ser.Nr.: 1
InterFreq: -10.7 MHz (Weather Band)

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

Receiving - frequency (MHz)	Oscillator-frequency (MHz)	Har-monics	Reading dB μ V	Polari-zation	Correction - factor (dB)	Testresult dB μ V/m	Limit dB(μ V/m)
162.5	151.8	1	25	V	13.1	38.1	59.1
	303.6	2	< 16	H	16.4	< 32.4	66.2
	455.4	3	< 16	H	19.1	< 35.1	73.4
	607.2	4	< 16	H	21.0	< 37.0	74.0
	759.0	5	< 16	H	23.2	< 39.2	74.0
	910.8	6	< 16	H	25.2	< 41.2	74.0

Date: 26 JUN 1998

☒ O.K.



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Notes for Radiation Measurement

(For Radio Section)

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.



International Electrical Certification Centre Ltd.

IT 5/6

Interference Radiation 30MHz-1000MHz

Acc: FCC Part 15 Subpart B

IECC Ref: 16579/8/200F

Model: EXC-7000D

Applicant: BFG VIDEO & AUDIO LTD

Ser.Nr.: 1

Set under test: Wall Mount Radio CD

Connected sets: -

Operating mode: Power "On" (CD Playing)

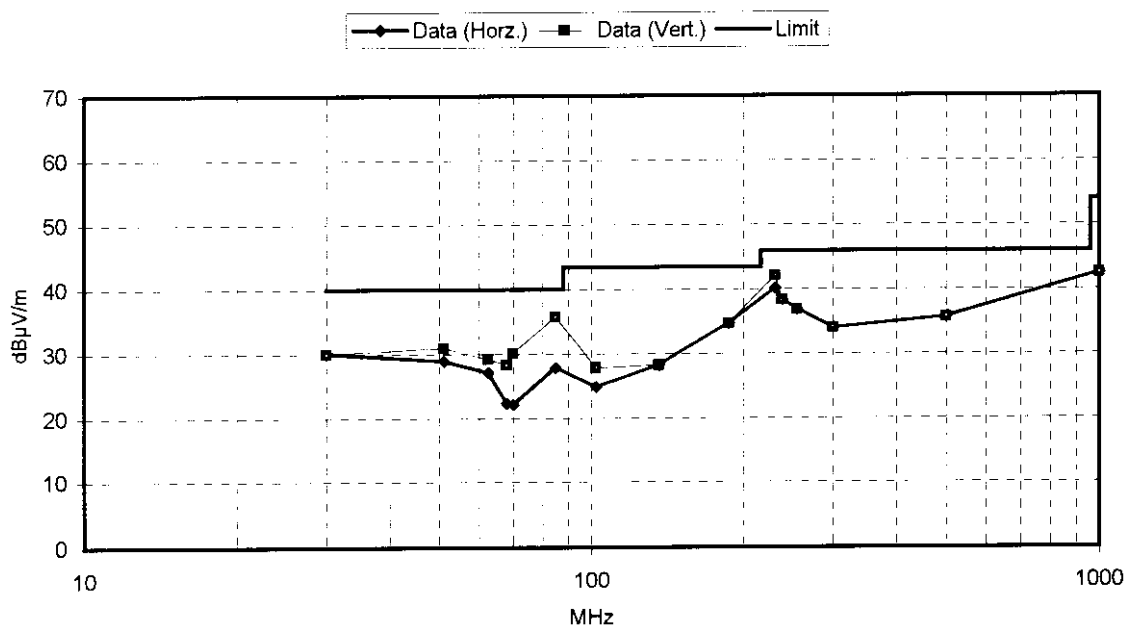
Class: B

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 dB(μV/m)	Vert. Test Result dB(μV/m)	Limit dB(μV/m)
30	< 16	< 16	14.0	< 30.0	< 30.0	40.0
51	22	24	6.8	28.8	30.8	40.0
62.4	22	24	5.1	27.1	29.1	40.0
68	18	24	4.3	22.3	28.3	40.0
70.1	18	26	4.0	22.0	30.0	40.0
85	22	30	5.8	27.8	35.8	40.0
102	16	19	8.8	24.8	27.8	43.5
136	16	< 16	12.2	28.2	< 28.2	43.5
187	20	20	14.7	34.7	34.7	43.5
230.9	24	26	16.1	40.1	42.1	46.0
237.9	22	22	16.3	38.3	38.3	46.0
255	20	20	16.9	36.9	36.9	46.0
300	< 16	< 16	18.0	< 34.0	< 34.0	46.0
500	< 16	< 16	19.7	< 35.7	< 35.7	46.0
1000	< 16	< 16	26.5	< 42.5	< 42.5	54.0



26 JUN 1998

Date:

☒ O.K.



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Notes for Radiation Measurement

(For CD Section)

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'.