

FCC ID: KVR12158

Agent of 
Accredited Laboratory

Exhibit 1 - Test Report

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INTERNATIONAL ELECTRICAL CERTIFICATION CENTRE LTD.

F C C -

TEST REPORT

REPORT NO.: 16674/8/400F

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



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FCC – Test Report

No. 16674/8/400F

Date: 16 July, 1998

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

in compliance with the requirements of
ANSI C63.4 - 1992

Product : Radio Control Corvette with Sound --
27 MHz Transmitter

Model : 12158

Applicant : MERITUS INDUSTRIES LTD

Manufacturer : JETTA COMPANY LIMITED



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LABORATORY - REPORT

APPLICANT: MERITUS INDUSTRIES LTD

ADDRESS:
3/F., Li Fung Centre
868 Cheung Sha Wan Road
Cheung Sha Wan, Kowloon
HONG KONG

DATE OF SAMPLE RECEIVED: 1998-06-05

DATE OF TESTING: 1998-07-07

DESCRIPTION OF SAMPLE:

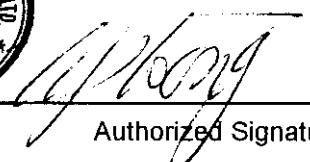
Product: Radio Control Corvette with Sound -- 27 MHz Transmitter
Manufacturer: JETTA COMPANY LIMITED
Model number: 12158
Rating: DC 9V ('6F22' Size Battery x 1)
Country of Origin: P.R. CHINA

INVESTIGATIONS REQUESTED: Measurements to the relevant clauses of F.C.C. Rules and Regulations
Part 15 Subpart C - Intentional Radiators

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 Tests



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Summary of Test Results

Interference Radiation:

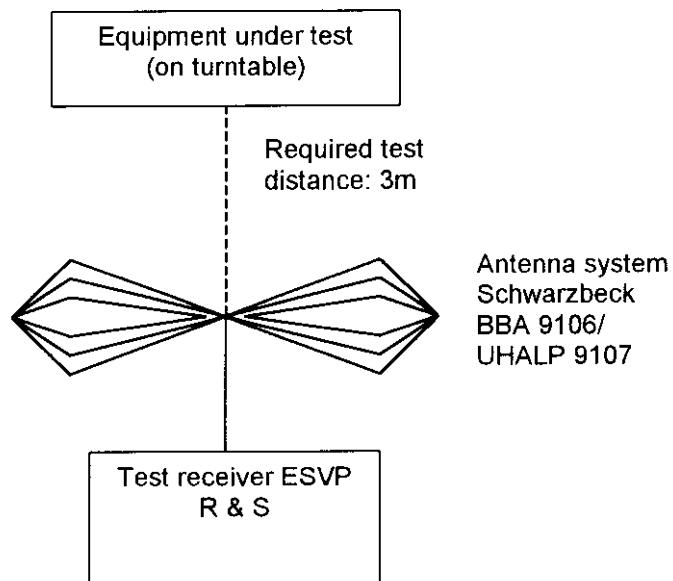
Test result: O.K.
Test data: See attached data sheet

Interference Voltage:

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

TEST EQUIPMENT LIST

| Equipment | Manufacturer | Model | Serial Number | Remark |
|---------------------------------|-----------------|--------------------------|-------------------------|-----------------------------------|
| Test Receiver | Rohde & Schwarz | ESH 3 | 863497/015 | 10KHz – 30MHz |
| Test Receiver | Rohde & Schwarz | ESVP | 860688/022 | 25MHz – 1,300 MHz |
| Artificial Mains Network (LISN) | Schwarzbeck | NSLK 8127 | -- | 2 x 10A, 50Ω, 50µH 10KHz-30MHz |
| Antenna System | Schwarzbeck | BBA 9106 / UHALP 9107 | -- | 30MHz – 1000MHz |
| Antenna Mast System | Schwarzbeck | AM9104 | -- | Max. 4 meters height |
| Spectrum Analyzer with Q. Peak | Tektronix | 2712 | B023006 | 9KHz – 1.8GHz |
| Interface for Spectrum 2712 | Tektronix | TD3F14A | -- | |
| Test Receiver | Rohde & Schwarz | ESH 3 | 892580/006 | 10KHz – 30MHz |
| Test Receiver | Rohde & Schwarz | ESVP | 863512/012 | 25MHz – 1,300 MHz |
| Impulse Limiter | Rohde & Schwarz | ESH-3-Z2 | -- | |
| Artificial Mains Network (LISN) | Schwarzbeck | NSLK 8127 | -- | 2 x 10A, 50Ω, 50µH 10KHz-30MHz |
| Antenna System | Schwarzbeck | BBA 9106 / UHALP 9107 | -- | 30MHz – 1000MHz |
| Signal Generator | Rohde & Schwarz | SWS 2 | 879113/42 | 100KHz – 1040 MHz |
| Digital Multimeter | Tektronix | DM2510G | DM- 2510GTW1055 5 | 10KHz – 30MHz |
| Turntable with Controller | Drehtisch | DT312 | -- | φ120 cm |

Radiated Emission Test Procedure

Interference Radiation

Measurement of Radiated Emissions (27MHz-1000MHz)

International Electrical Certification Centre Ltd.

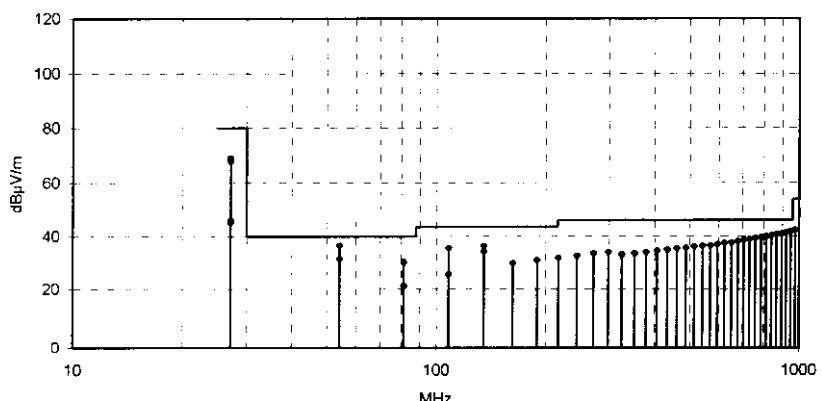
Acc: FCC Part 15 Subpart C

| | |
|-----------------|-----------------------------------|
| IECC Ref: | 16674/8/400F |
| Model: | 12158 |
| Applicant: | MERITUS INDUSTRIES LTD |
| Ser.Nr.: | 1 |
| Set under test: | Radio Control Corvette with Sound |
| Connected sets: | - |
| Operating mode: | Power "On" |

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

| | Frequency (MHz) | Horz. Reading dB(μ V) | Vert. Reading dB(μ V) | Antenna Factor (dB) | Horz. Test Result (μ V/m) | Vert. Test Result (μ V/m) | Limit (μ V/m) |
|----------|-----------------|----------------------------------|----------------------------------|---------------------------|--------------------------------------|--------------------------------------|--------------------|
| Peak | 27.12 | 31 | 54 | 15.1 | 201 | 2835 | 100,000 |
| Av. | 27.12 | 30 | 53 | 15.1 | 179 | 2527 | 10,000 |
| Harm. 2 | 54.24 | 25 | 30 | 6.3 | 37 | 66 | 100 |
| Harm. 3 | 81.36 | < 16 | 25 | 5.2 | < 12 | 32 | 100 |
| Harm. 4 | 108.48 | < 16 | 26 | 9.5 | < 19 | 60 | 150 |
| Harm. 5 | 135.6 | 24 | 22 | 12.2 | 65 | 51 | 150 |
| Harm. 6 | 162.72 | < 16 | < 16 | 13.6 | < 30 | < 30 | 150 |
| Harm. 7 | 189.84 | < 16 | < 16 | 14.8 | < 35 | < 35 | 150 |
| Harm. 8 | 216.96 | 16 | < 16 | 15.7 | 38 | < 38 | 200 |
| Harm. 9 | 244.08 | 16 | < 16 | 16.5 | 42 | < 42 | 200 |
| Harm. 10 | 271.2 | 16 | < 16 | 17.3 | 46 | < 46 | 200 |
| Harm. 11 | 298.32 | < 16 | < 16 | 18.0 | < 50 | < 50 | 200 |
| Harm. 12 | 325.44 | < 16 | < 16 | 16.8 | < 44 | < 44 | 200 |
| Harm. 13 | 352.56 | < 16 | < 16 | 17.4 | < 47 | < 47 | 200 |
| Harm. 14 | 379.68 | < 16 | < 16 | 17.9 | < 50 | < 50 | 200 |
| Harm. 15 | 406.8 | < 16 | < 16 | 18.4 | < 52 | < 52 | 200 |
| Harm. 16 | 433.92 | < 16 | < 16 | 18.8 | < 55 | < 55 | 200 |
| Harm. 17 | 461.04 | < 16 | < 16 | 19.2 | < 57 | < 57 | 200 |
| Harm. 18 | 488.16 | < 16 | < 16 | 19.5 | < 60 | < 60 | 200 |
| Harm. 19 | 515.28 | < 16 | < 16 | 19.9 | < 62 | < 62 | 200 |
| Harm. 20 | 542.4 | < 16 | < 16 | 20.1 | < 64 | < 64 | 200 |
| Harm. 21 | 569.52 | < 16 | < 16 | 20.5 | < 67 | < 67 | 200 |
| Harm. 22 | 596.64 | < 16 | < 16 | 20.9 | < 70 | < 70 | 200 |
| Harm. 23 | 623.76 | < 16 | < 16 | 21.2 | < 73 | < 73 | 200 |
| Harm. 24 | 650.88 | < 16 | < 16 | 21.6 | < 76 | < 76 | 200 |
| Harm. 25 | 678 | < 16 | < 16 | 22.1 | < 80 | < 80 | 200 |
| Harm. 26 | 705.12 | < 16 | < 16 | 22.5 | < 84 | < 84 | 200 |
| Harm. 27 | 732.24 | < 16 | < 16 | 22.8 | < 87 | < 87 | 200 |
| Harm. 28 | 759.36 | < 16 | < 16 | 23.2 | < 91 | < 91 | 200 |
| Harm. 29 | 786.48 | < 16 | < 16 | 23.5 | < 95 | < 95 | 200 |
| Harm. 30 | 813.6 | < 16 | < 16 | 23.9 | < 99 | < 99 | 200 |
| Harm. 31 | 840.72 | < 16 | < 16 | 24.2 | < 103 | < 103 | 200 |
| Harm. 32 | 867.84 | < 16 | < 16 | 24.6 | < 107 | < 107 | 200 |
| Harm. 33 | 894.96 | < 16 | < 16 | 24.9 | < 111 | < 111 | 200 |
| Harm. 34 | 922.08 | < 16 | < 16 | 25.3 | < 117 | < 117 | 200 |
| Harm. 35 | 949.2 | < 16 | < 16 | 25.8 | < 122 | < 122 | 200 |
| Harm. 36 | 976.32 | < 16 | < 16 | 26.2 | < 128 | < 128 | 500 |

• Data (Horz.) • Data (Vert.) — Limit



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 - 5000 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'.