FCC Test Setup Photographs for
47CFR15, Subpart B for Unintentional Radiators, per Section 101
Equipment authorization of unintentional radiators,
and
47CFR15, Subpart C per Section 209
General Limits for Operation of Intentional Radiators

on

Volvo MMD 5.8 GHz Microwave Sensor

[FCC ID: LQN2910]
[FCC ID: LQN2911]

Model and Part Number:

902910 (Volvo Part N0: 31110097)
902911 (Volvo Part No: 31110098)

Report No.

20050616-02-Fc15

Judgement

Complies as Tested

Provided for evaluation by

Connaught Electronics, LTD

IDA Industrial Estate
Dunmore Road, Tuam
Co. Galway, Ireland

Tests and Report by

ITC Engineering Services, Inc.

9959 Calaveras Road, Box 543
Sunol, California 94586-0543
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Lab Code: 200172-0

EN45001 Accredited Compliance Laboratory (RES-GmbH)
Registration number: TTI-P-G 159/98-00 (RES-GmbH)

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PART 1 General

Product: **Model Number:** **Model Number:**	Volvo MMD, 5.8 GHz Microwave Sensor 902910 902911	
Manufacturer's Name **Manufacturer's Address** **Contact**	Connaught Electronics, LTD IDA Industrial Estate Dunmore Road, Tuam Co. Galway, Ireland Tel: + 011 353 (93) 25128 Mr. Patrick Denny	 Fax : +011 353 (93) 25133 Email dennypatrick@cei.ie
Test Laboratory	ITC Engineering Services, Inc. 9959 Calaveras Road, PO Box 543 Sunol, CA 94586-0543 Email: itcemc@itcemc.com Web Site: http://www.itcemc.com	 Tel: +1(925) 862-2944 Fax: +1(925) 862-9013
Test Number **Report Number**	20050616-02 20050616-02-Fc15	
Test Date(s) & Issue Date	July 07 – July 08, 2005	July 13,2005
Test Engineer(s)	Lan Vu, Bob Kershaw, Femi Ojo	
Documentation	George W Brown II	
Test Results	☑ Complies as Tested	❑ Fail
Total Number of Pages	8	

PART 2 Test Setup Photographs

Radiated Emissions Test Setup Photographs

Figure 1: Open Field Radiated Emissions Test Setup below 1 GHz (front view)

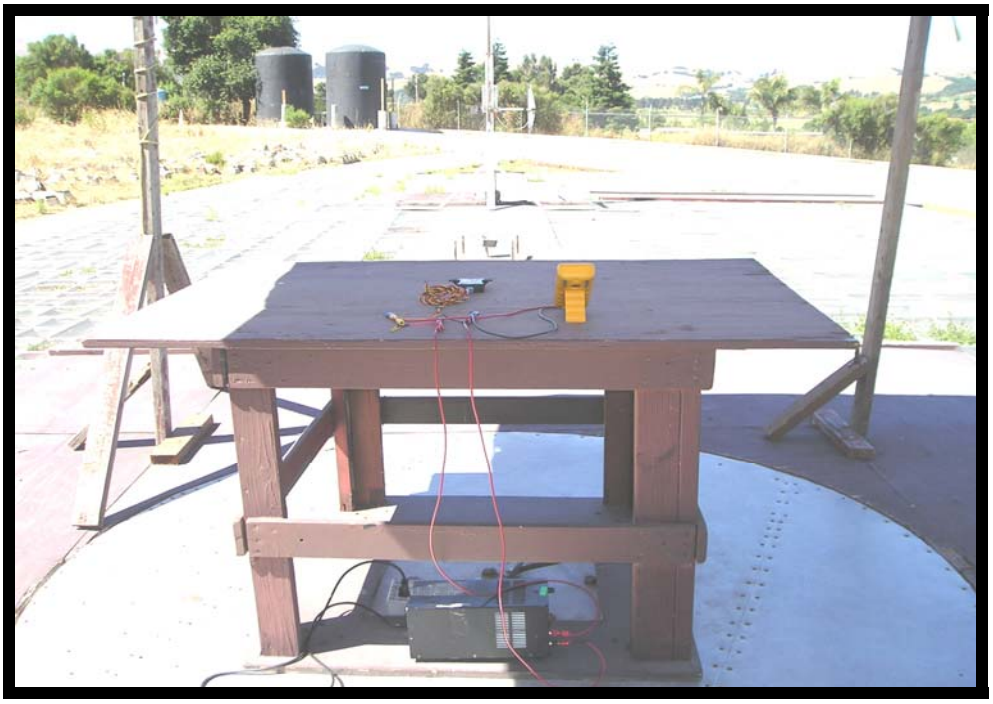

Figure 2: Open Field radiated Emissions Test Setup below 1GHz (rear view)

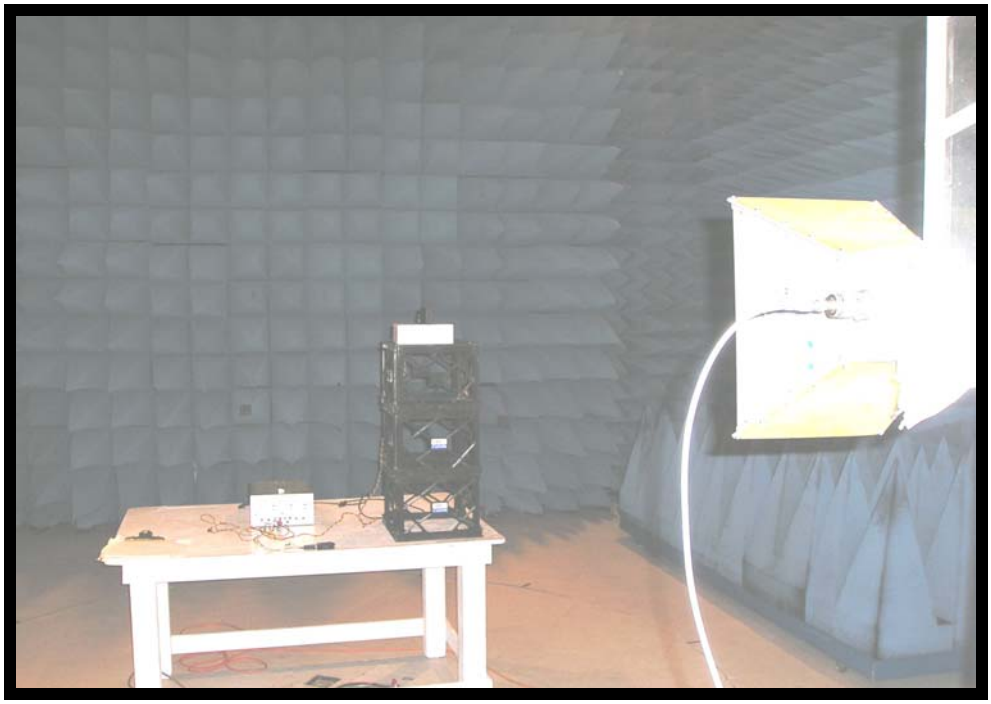

Figure 3: Radiated Emissions Test Setup, above 1 GHz (front view)

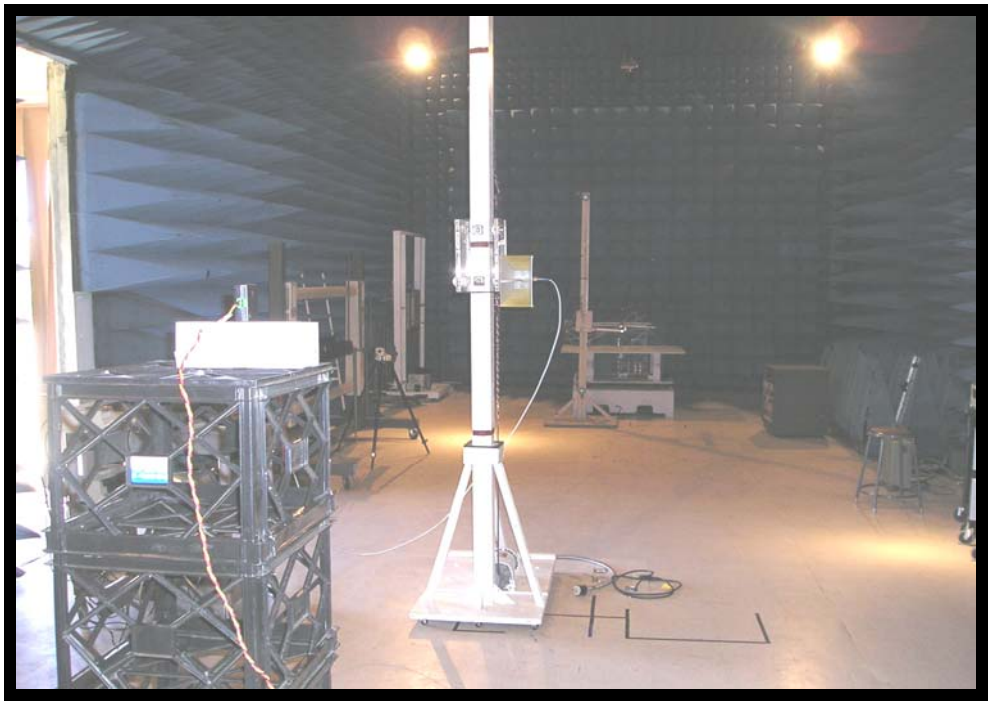

Figure 4: Radiated Emissions Test setup, above 1 GHz (rear view)

Measurement Photographs for Field Strength of Fundamental and Occupied Bandwidth

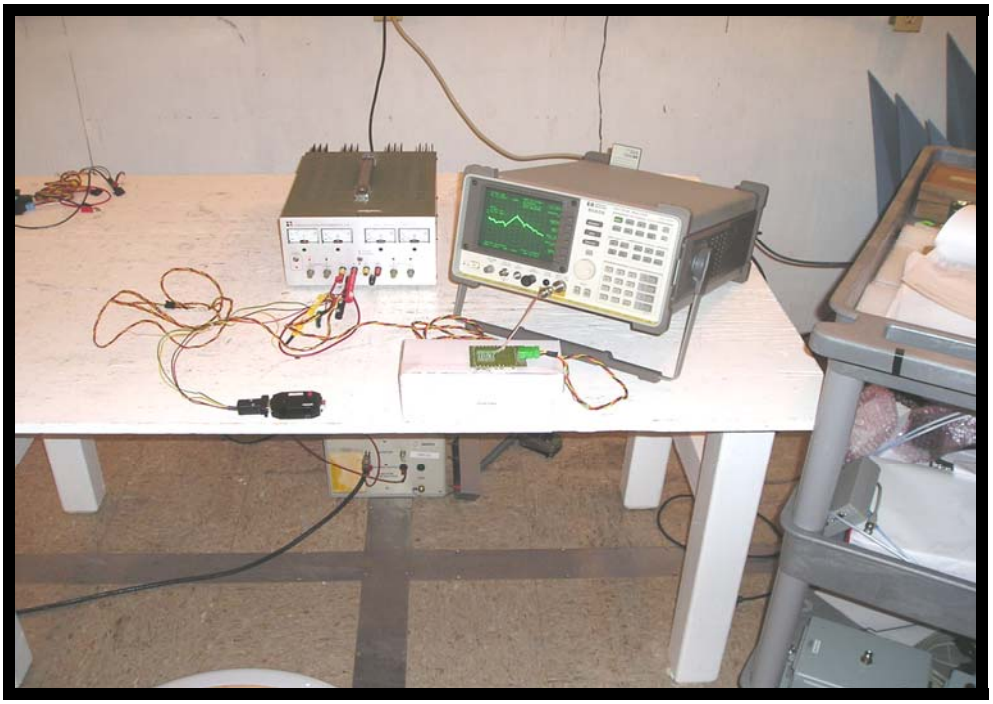

Figure 5: Test Set Up Photos – Field Strength of Fundamental Measurement (Front)

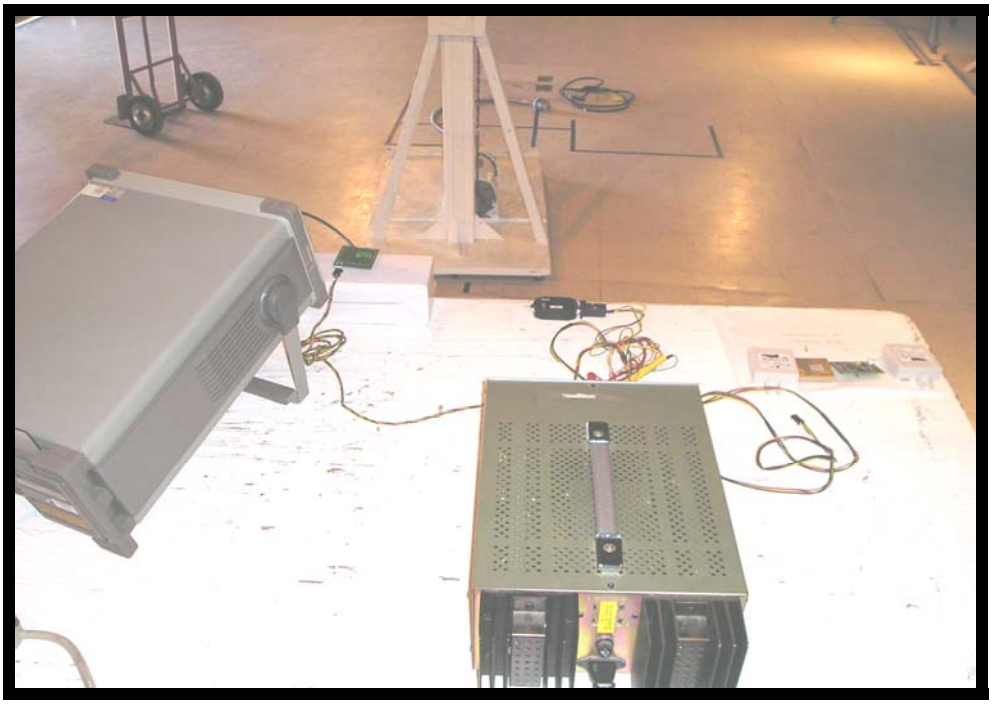

Figure 6: Test Set Up Photos – Field Strength of Fundamental Measurement (Rear)

Spurious Emissions Test Setup Photographs

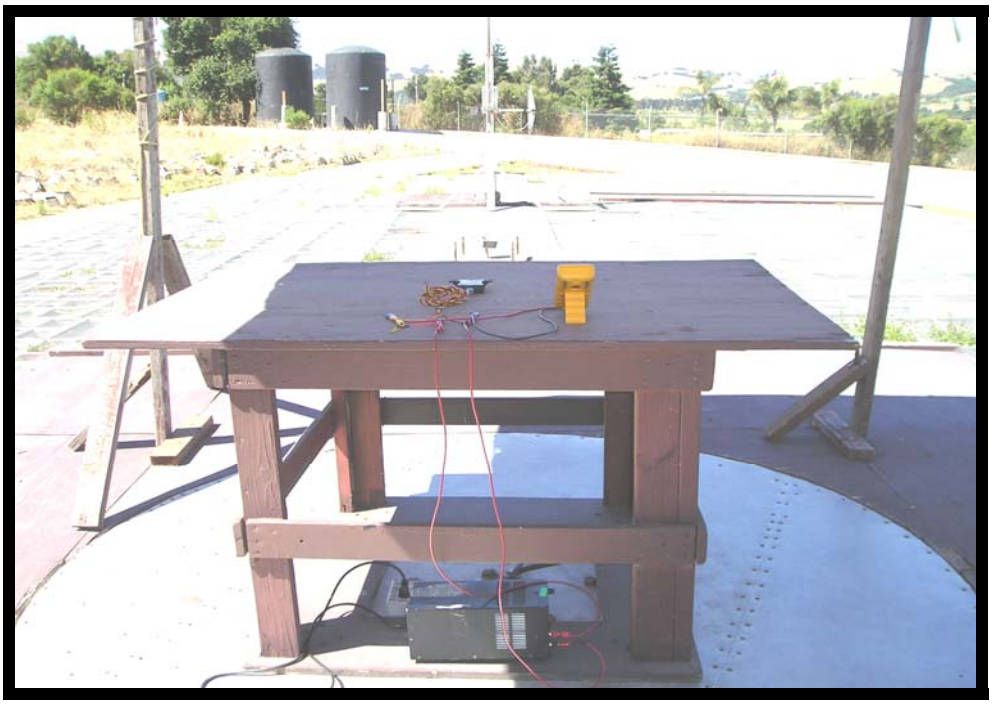

Figure 7: Spurious emissions below 1 GHz (front view)

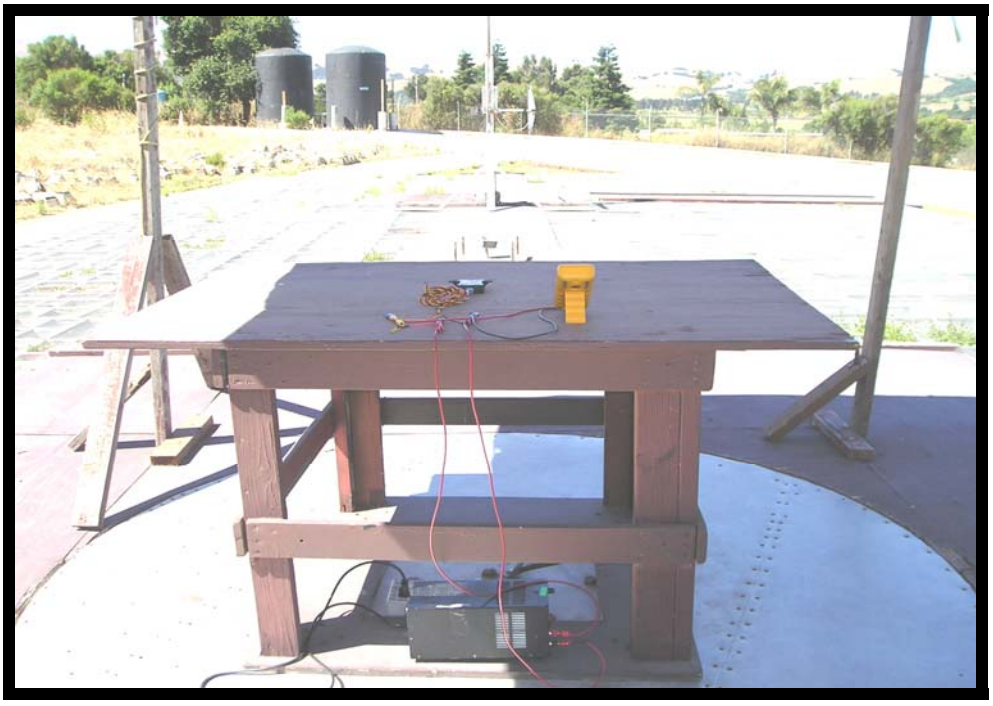

Figure 8: Spurious emissions below 1GHz (rear view)

Figure 9: Spurious emissions above 1 GHz (front view)

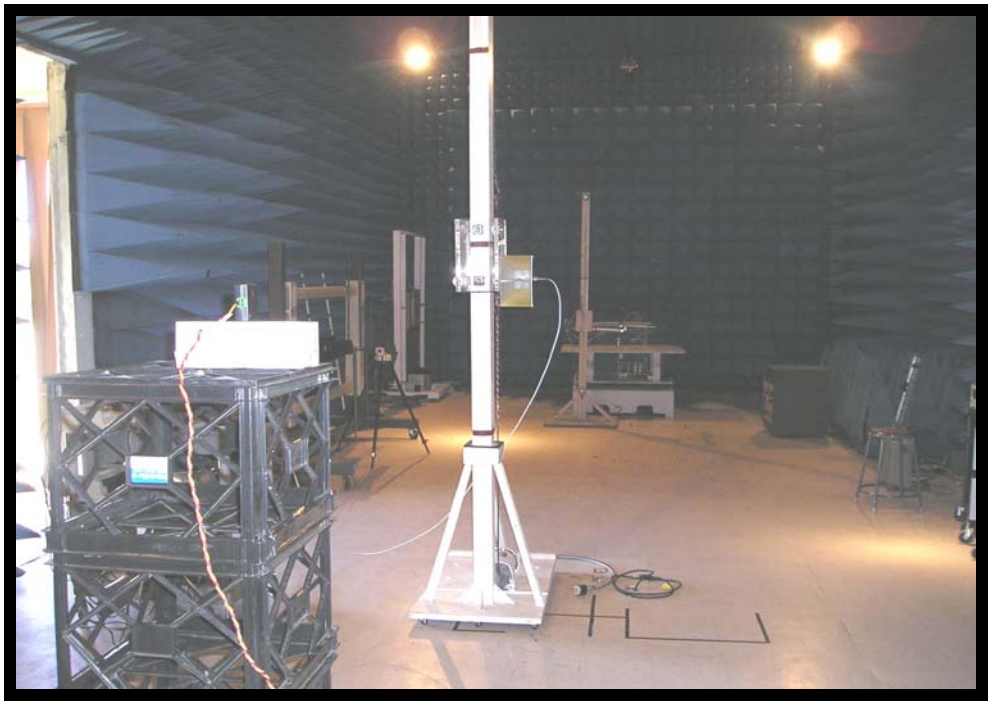

Figure 10: Spurious emissions above 1 GHz (rear view)