



**FCC Test Setup Photograph 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

Jaguar X-150 5.8 GHz Microwave Sensor

[FCC ID: LQN2915]

[FCC ID: LQN2916]

Model and Part Number:

902915(Jaguar's Part No: GW83-19G535-AA)

902916(Jaguar's Part N0: GW83-19G535-BA)

Report No.

20050616-01-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

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

Table of Contents

PART 1	General.....	3
	Test Information.....	3
PART 2	Test Setup Photographs	4

List of Figures

Figure 1: Open Field Radiated Emissions below 1 GHz (front view).....	4
Figure 2: Open Field Radiated Emissions below 1 GHz (rear view)	4
Figure 3: Radiated Emissions above 1 GHz (front view).....	5
Figure 4: Radiated Emissions above 1 GHz (rear view).....	5
Figure 5 Test Set Up Photos – Field Strength of Fundamental Measurement (Front)	6
Figure 6 Test Set Up Photos – Field Strength of Fundamental Measurement (Rear)	6
Figure 7: Spurious emissions below 1 GHz (front view)	7
Figure 8: Spurious emissions below 1GHz (rear view).....	7
Figure 9: Spurious, above 1 GHz (front view)	8
Figure 10: Spurious, above 1 GHz (rear view).....	8

PART 1 General

Test Information

Product:	Jaguar X-150, 5.8 GHz Microwave Sensor	
Model Number:	902915	
Model Number:	902916	
Manufacturer's Name	Connaught Electronics, LTD	
Manufacturer's Address	IDA Industrial Estate Dunmore Road, Tuam Co. Galway, Ireland	
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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	20050616-01	
Report Number	20050616-01-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

OPEN FIELD RADIATED EMISSIONS



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



Figure 2: Open Field Radiated Emissions below 1 GHz (rear view)



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

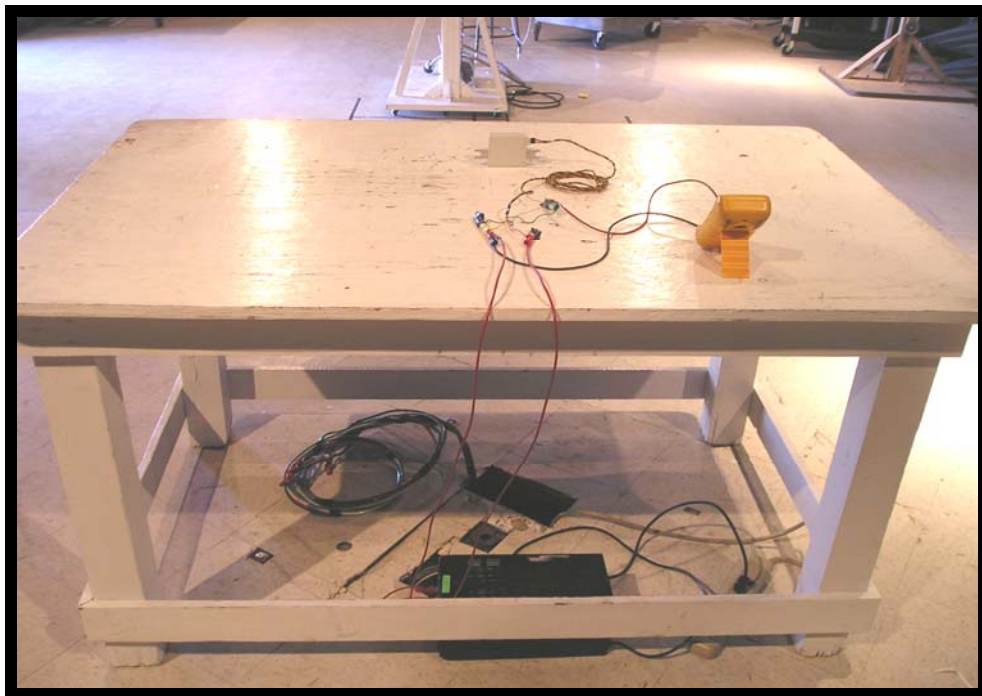


Figure 4: Radiated Emissions above 1 GHz (rear view)

RF MEASUREMENTS.

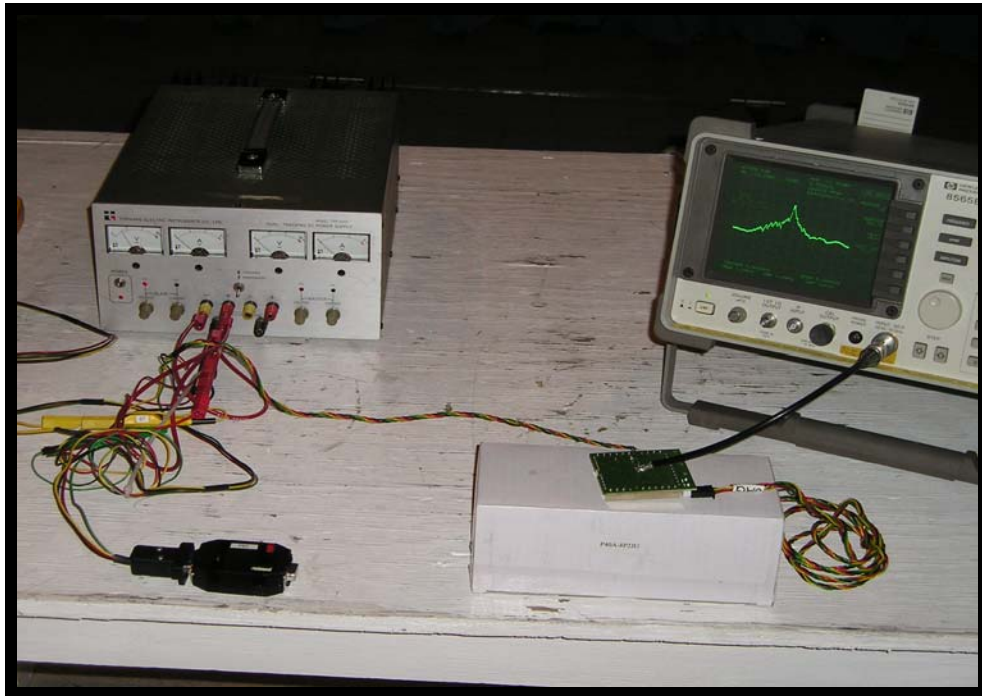


Figure 5 Test Set Up Photos – Field Strength of Fundamental Measurement (Front)



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



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



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



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

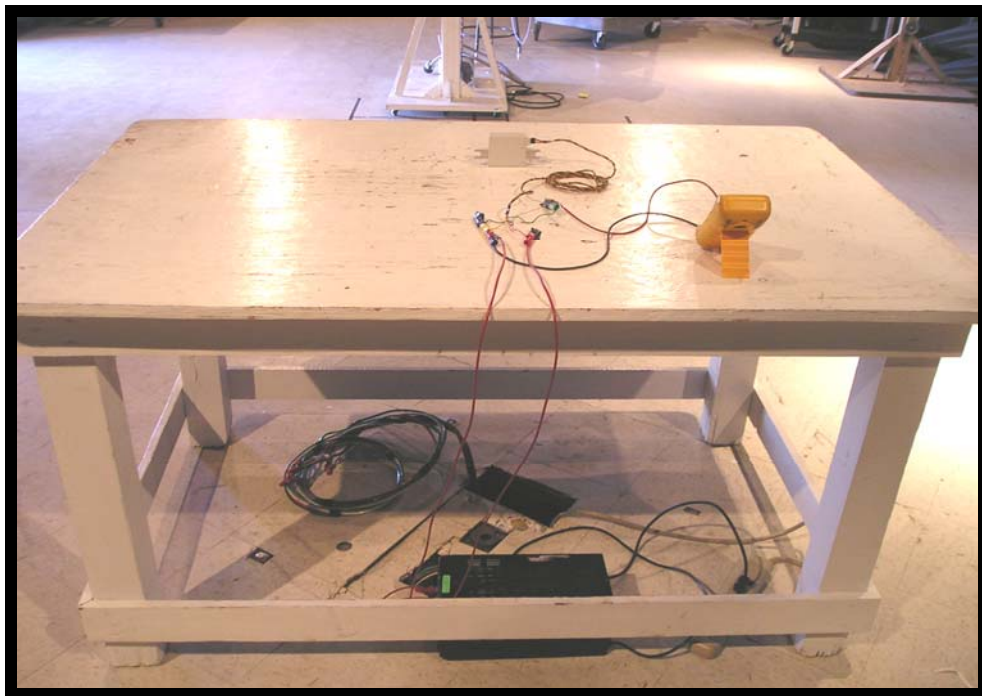


Figure 10: Spurious, above 1 GHz (rear view)