



EMC Test Data

Client:	Microwave Data Systems	Job Number:	J61736
Model:	INETII	Test-Log Number:	T61789
		Project Manager:	Esther Zhu
Contact:	Dennis McCarthy		
Emissions Spec:	FCC, FCC 15.247, RSS-210	Class:	B
Immunity Spec:	-	Environment:	-

EMC Test Data

For The

Microwave Data Systems

Model

INETII

Date of Last Test: 11/18/2005



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Conducted Emissions - Power Ports

Test Specifics

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 11/7/2005

Config. Used: **1**

Test Engineer: Pete Sales

Config Change: **None**

Test Location: SVOATS #2

EUT Voltage: 13.8Vdc

General Test Configuration

The EUT was located on a wooden table, 40 cm from a vertical coupling plane and 80cm from the LISN. A second LISN was used for all local support equipment. Remote support equipment was located approximately 30 meters from the test area.

Ambient Conditions:

Temperature: **65** °F

Rel. Humidity: **70** %

Summary of Results

Run #	Test Performed	Limit	Result	Margin
1	CE, AC Power, 120V/60Hz	EN 55022 B	Pass	49.6dB μ V @ 9.602MHz (-0.4dB)

Modifications Made During Testing:

No modifications were made to the EUT during testing

Deviations From The Standard

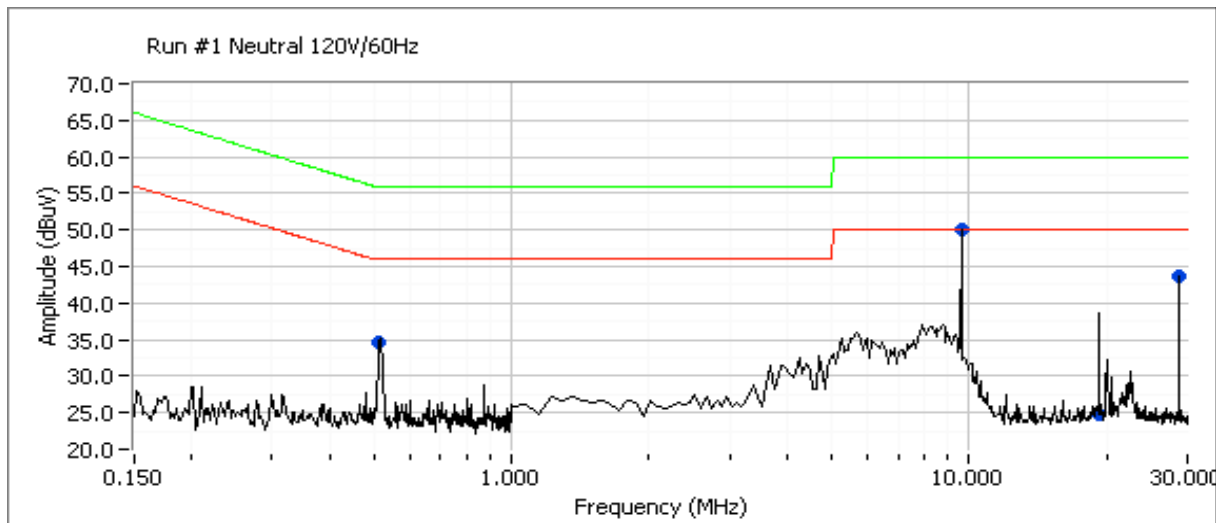
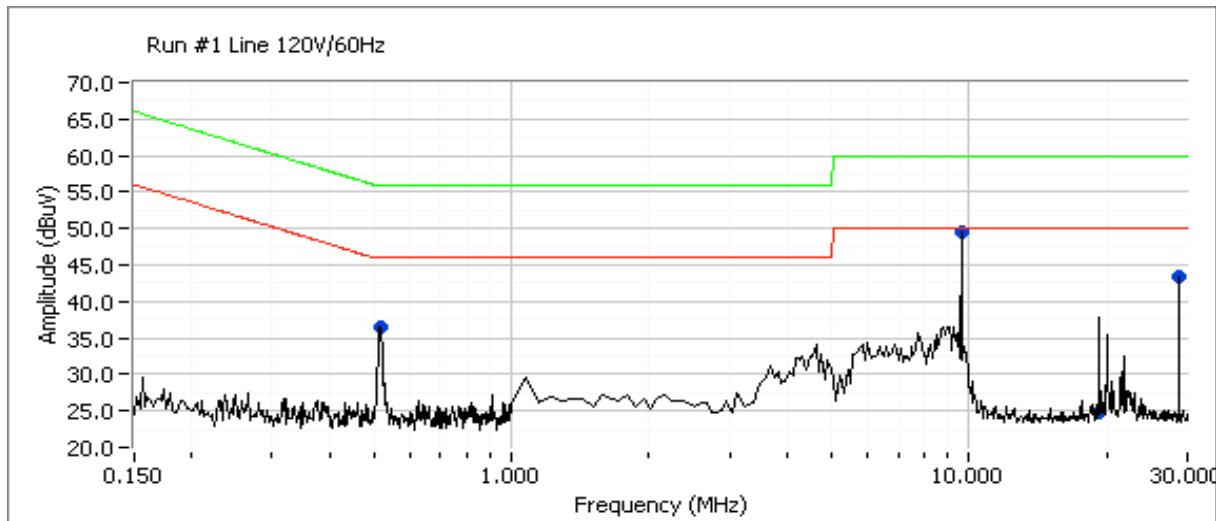
No deviations were made from the requirements of the standard.

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Do not Use for final report, for Elliott documentation only.

Run #2: AC Power Port Conducted Emissions, 0.15 - 30MHz, 120V/60Hz

Testing DC power supply AC input, Tx mode. Middle Channel 915



Run #2: AC Power Port Conducted Emissions, 0.15 - 30MHz, 120V/60Hz Continued Next Page...



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Frequency MHz	Level dB μ V	AC Line	FCC B		Detector QP/Ave	Comments
			Limit	Margin		
9.602	49.6	Neutral	50.0	-0.4	Average	
9.602	49.3	Line	50.0	-0.7	Average	
28.806	43.8	Neutral	50.0	-6.2	Average	
28.806	43.5	Line	50.0	-6.5	Average	
9.602	49.7	Neutral	60.0	-10.3	QP	
9.602	49.1	Line	60.0	-10.9	QP	
0.515	33.6	Line	46.0	-12.4	Average	
19.203	37.3	Neutral	50.0	-12.7	Average	
28.806	43.9	Neutral	60.0	-16.1	QP	
28.806	43.4	Line	60.0	-16.6	QP	
0.515	35.1	Line	56.0	-20.9	QP	
19.203	37.4	Neutral	60.0	-22.6	QP	