Radiated Emissions PTH08T230

Part # Tested	Package Style	Quantity Tested	Test Initiated
PTH08T230WAH	ECL	1	5/17/2006
Lot Code	**Test Standard Reference**		**Test Completed**
0617E733	EN55022		5/17/2006
Reviewed By	**Test Subject Serial #'s**		**Documentation By**
J Pudlo			J Killion

Purpose

A radiated emissions test was performed as part of a qualification for a new design. This report summarizes the procedures, requirements, and results of radiated emissions testing.

Requirements

Samples shall be operated at nominal input voltage while delivering maximum rated output current. Measurements of the radiated emissions in the frequency range of 30 MHz to 1000 MHz will be taken in both a horizontal and vertical polarization.

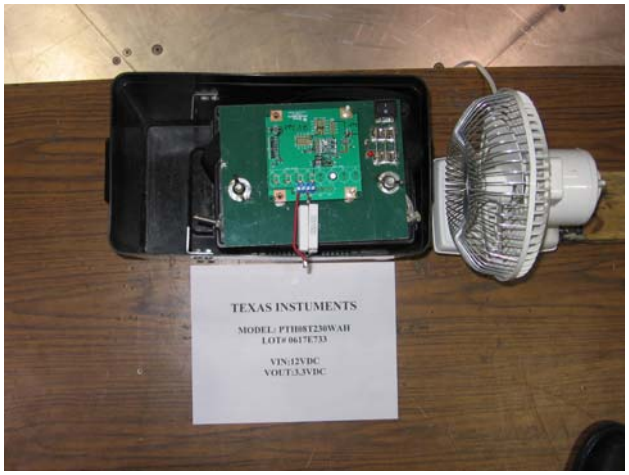
Procedure

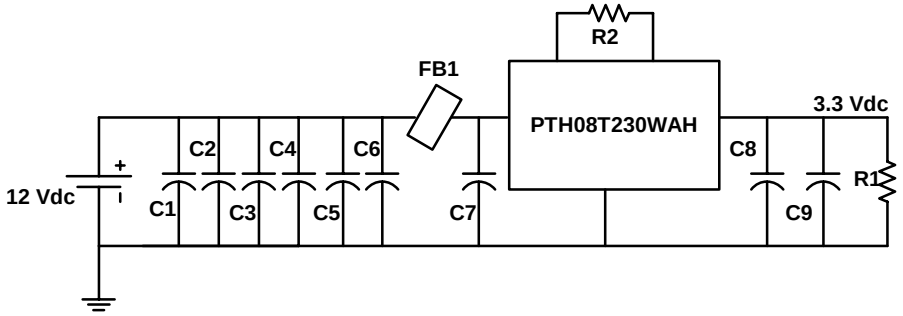
Units were built according to Texas Instruments standard production procedures and tested to verify proper operation. The samples were mounted to a 4 x 4 FR4 PCB, connected to a DC power source with an output of 12 volts DC, and tested according to the procedures and conditions specified in EN55022. See the following test set-up diagrams and photos.

Results

PTH08T230WAH passed the requirements for a Class B device according to EN55022 Regulations. See attached chart for test limits and measured data. This report provides a summary of the testing results. For a complete copy of all the test data refer to test report # 081-40342.

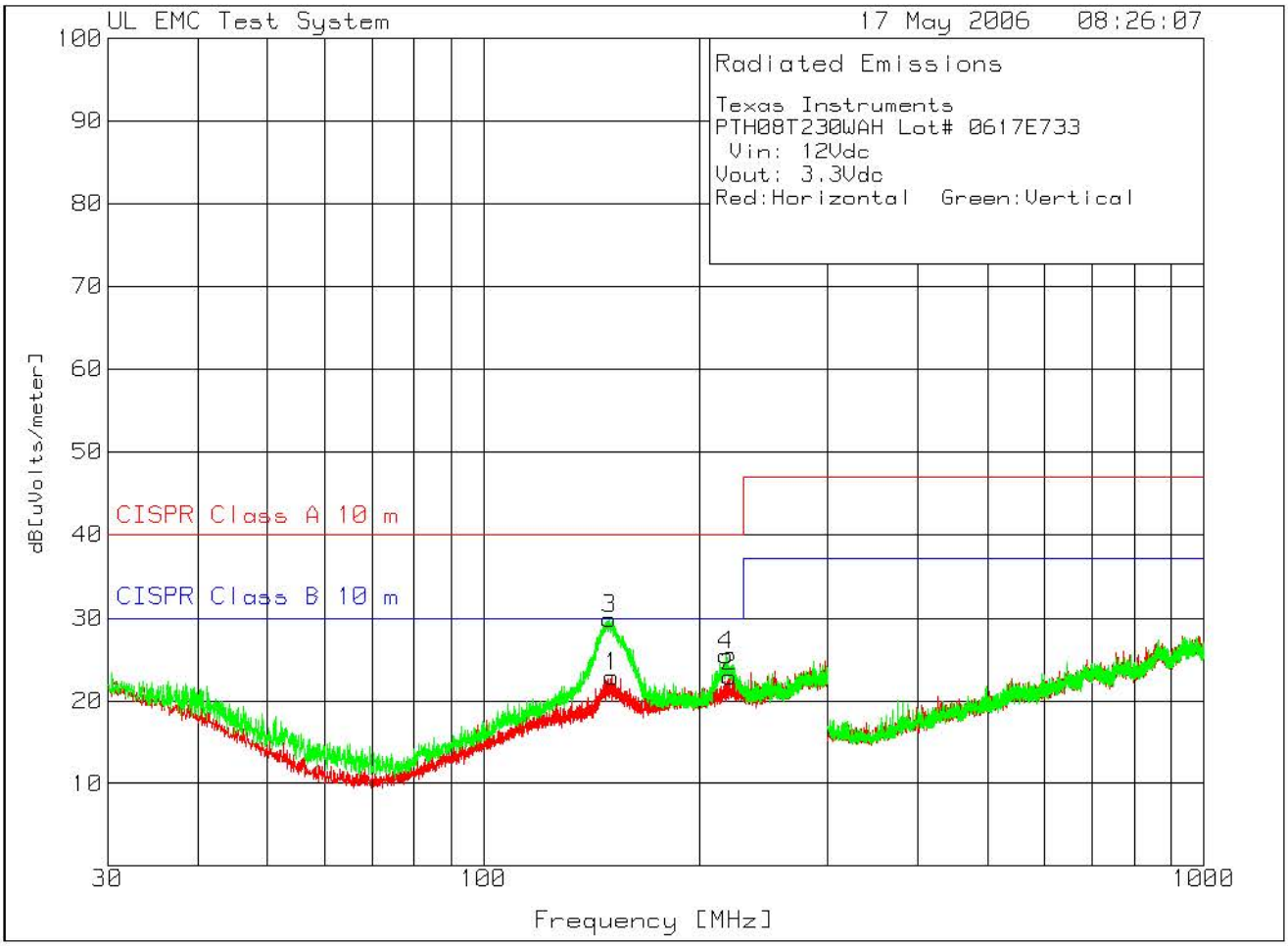
Radiated Test Set Up





ITEM	VALUE	DESCRIPTION
C1, C2	.1 uF	Ceramic Capacitor
C3, C4	.015 uF	Ceramic Capacitor
C5	330uF	Electrolytic Capacitor
C6, C7	2uF	Ceramic Capacitor
FB1	Fair-Rite #73	Ferrite Bead
C8, C9	100uF	Ceramic Capacitor
R1	.55 Ohms	Ceramic Resistor
R2	1.21K Ohms	1/4 Watt 1% Resistor

Radiated Data



Conducted Emissions PTH08T230

Part # Tested	Package Style	Quantity Tested	Test Initiated
PTH08T230WAH	ECL	1	5/17/2006
Lot Code	**Test Standard Reference**		**Test Completed**
0617E733	EN55022		5/17/2006
Reviewed By	**Test Subject Serial #'s**		**Documentation By**
J Pudlo			J Killion

Purpose

A conducted emissions test was performed as part of a qualification for a new design. This report summarizes the procedures, requirements, and results of conducted emissions testing.

Requirements

Samples shall be operated at nominal input voltage while delivering rated full-load output current. Measurements of the conducted power in the frequency range of 30 MHz to 300 MHz will be taken using the absorbing clamp on the mains and interface cables.

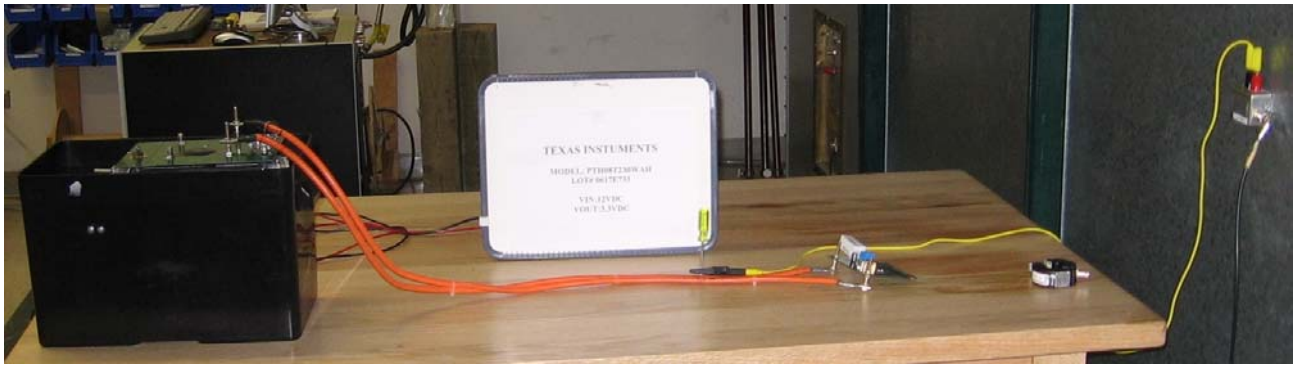
Procedure

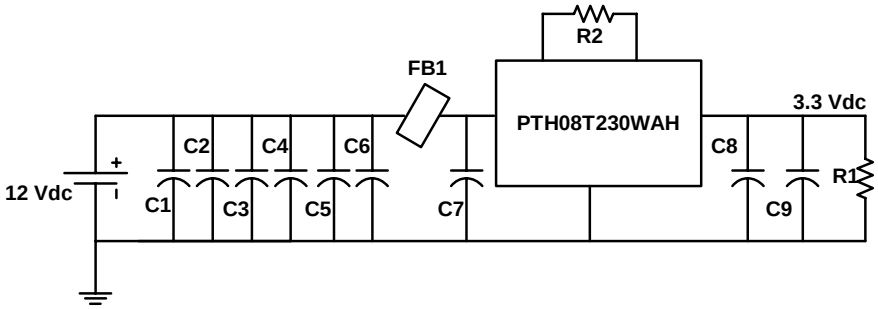
Units were built according to Texas Instruments standard production procedures and tested to verify proper operation. The samples were mounted to a 4 x 4 FR4 PCB, connected to a DC power source with an output of 12 Volts DC, and tested according to the procedures and conditions specified in EN55022. See the following test set-up diagrams and photos.

Results

See attached charts for test limits and measured data. Data provided as an engineering aid only, as the device is not directly AC Mains Power equipment. This report provides a summary of the testing results. For a complete copy of all the test data refer to test report # 081-40342.

Conducted Test Set Up





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R1	.55 Ohms	Ceramic Resistor
R2	1.21K Ohms	1/4 Watt 1% Resistor

Conducted Data