



Retlif Testing Laboratories

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DATA PACKAGE
FOR
DTC COMMUNICATIONS, INC.
DIGITAL VIDEO TRANSMITTER
MODEL NUMBER: PDTX250S
SERIAL NUMBER: N/A

Customer Name:	DTC Communications, Inc.
Customer P.O.:	56995
Data Package No.:	R-4535N
Package Date:	December 6, 2005
Test Start Date:	November 29, 2005
Test Finish Date:	December 1, 2005
Test Technician(s):	Todd Hannemann
Test Engineer:	Scott Wentworth
Data Prepared By:	Jamie Ramsey
Supervisor:	Scott Wentworth

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**TEST SETUP PHOTOGRAPHS
SPURIOUS RADIATED EMISSIONS**



Retlif Testing Laboratories
DATA PACKAGE No. R-4535N

**TEST SETUP PHOTOGRAPHS
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**TEST SETUP PHOTOGRAPH
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RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 25 GHz		
Customer:	DTC Communications	Job No:	R-4535N
Test Sample:	Digital Video Transmitter		
Model No:	PDTX250S	Serial No:	N/A
Test Specification:	FCC Part 2, TIA/EIA-603 Paragraph: 2.1053		
Operating Mode:	Transmitting Digital Signal		
Technician:	T. Hannemann	Date:	12/01/2005
Notes:	Transmit Frequency: 2.38 GHz Peak Detector		

[illegible]

EUT Emissions observed throughout the given frequency spectrum were recorded & evaluated.

* These harmonic frequencies were not observed above the noise floor of the test equipment which was a minimum of 10dB below the limit.

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:

Spurious Radiated Emissions (ERP) 30 MHz to 25 GHz

Customer:

DTC Communications

Job No:

R-4535N

Test Sample:

Digital Video Transmitter

Model No:

PDTX250S

Serial No:

	N/A
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Test Specification:

FCC Part 2, TIA/EIA-603

Paragraph: 2.1053

Operating Mode:

Transmitting Digital Signal

Technician:

T. Hannemann

Date:

12/01/2005

Notes:

Transmit Frequency: 2.43 GHz

Peak Detector

[illegible]

EUT Emissions observed throughout the given frequency spectrum were recorded & evaluated.

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RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 25 GHz		
Customer:	DTC Communications	Job No:	R-4535N
Test Sample:	Digital Video Transmitter		
Model No:	PDTX250S	Serial No:	N/A
Test Specification:	FCC Part 2, TIA/EIA-603 Paragraph: 2.1053		
Operating Mode:	Transmitting Digital Signal		
Technician:	T. Hannemann	Date:	12/01/2005
Notes:	Transmit Frequency: 2.48 GHz Peak Detector		

[illegible]

EUT Emissions observed throughout the given frequency spectrum were recorded & evaluated.

* These harmonic frequencies were not observed above the noise floor of the test equipment which was a minimum of 10dB below the limit.

EQUIPMENT LIST

SPURIOUS RADIATED EMISSIONS

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due
3430	Horn Antenna	MCS Corporation	18 GHz - 26.5 GHz	K-5039	01/25/2005	01/25/2006
4029B	Test Site Attenuation	Retlif	3 / 10 Meters	RNH	12/03/2004	12/03/2005
4984A	High Gain Horn	Microlab/FXR	1.0 - 1.7 GHz	L638A	01/25/2005	01/25/2006
4984B	High Gain Horn	Microlab/FXR	1.7 - 2.6 GHz	R638A	01/25/2005	01/25/2006
4984C	High Gain Horn	Microlab/FXR	2.6 - 3.95 GHz	S638A	01/25/2005	01/25/2006
4984D	High Gain Horn	Microlab/FXR	3.95 - 5.85 GHz	H638A	01/25/2005	01/25/2006
4984E	High Gain Horn	Microlab/FXR	5.8 - 8.2 GHz	C638A	01/25/2005	01/25/2006
4984F	High Gain Horn	Microlab/FXR	8.2 - 12.4 GHz	X638A	01/25/2005	01/25/2006
4984G	High Gain Horn	Microlab/FXR	12.4 GHz - 18 GHz	Y638A	01/25/2005	01/25/2006
4984H	High Gain Horn	Microlab/FXR	18 - 26.5 GHz	K638AF	01/25/2005	01/25/2006
5053	Biconilog	EMCO	26 MHz - 3000 MHz	3142C	10/25/2005	10/25/2006
713	EMI Test Receiver	Rohde & Schwarz	20 Hz - 26.5 GHz	ESI26	03/22/2005	03/22/2006
R417	Preamplifier	Hewlett Packard	1-26.5 GHz	AT/8449B	05/02/2005	05/02/2007



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