

Retlif Testing Laboratories

101 New Boston Road, Goffstown, NH 03045
603-497-4600 - Fax: 603-497-5281

CORPORATE OFFICE
795 Marconi Avenue
Ronkonkoma, NY 11779
631-737-1500 Fax 631-737-1497
(A NY Corporation)
WASHINGTON
REGULATORY OFFICE
703-533-1614 Fax 703-533-1612

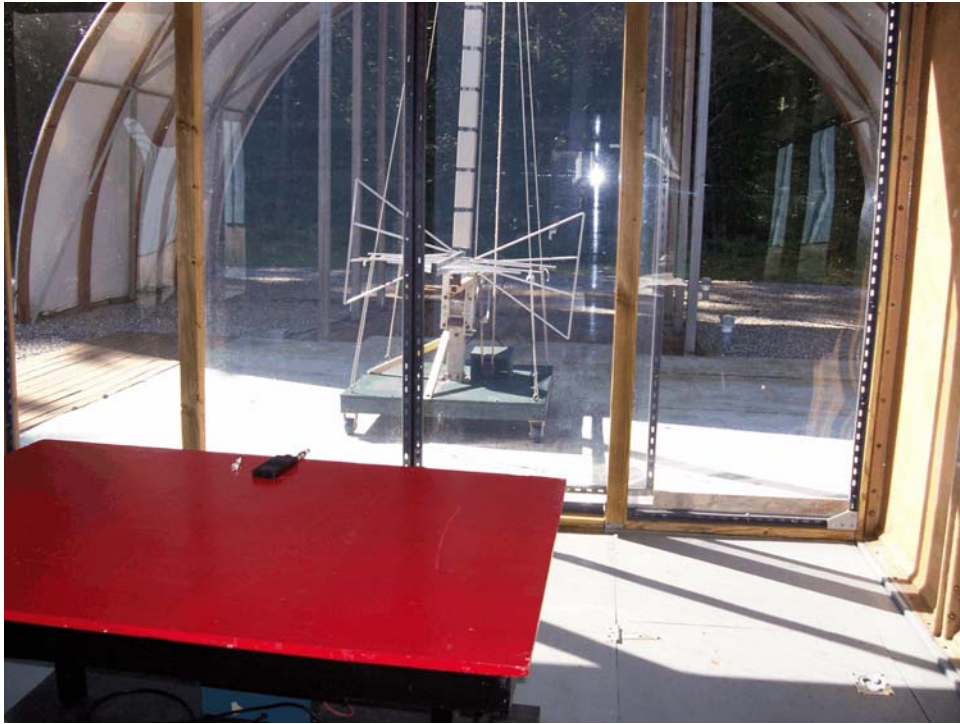


DATA PACKAGE
FOR
DTC COMMUNICATIONS, INC.
DIGITAL VIDEO TRANSMITTER
MODEL NUMBER: PDTX100
SERIAL NUMBER: N/A

Customer Name:	DTC Communications, Inc.
Customer P.O.:	56583
Data Package No.:	R-4499N
Package Date:	September 19, 2005
Test Start Date:	September 9, 2005
Test Finish Date:	September 9, 2005
Test Technician(s):	Tim Firkowski
Test Engineer:	Scott Wentworth
Data Prepared By:	Jamie Ramsey
Supervisor:	Scott Wentworth

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**TEST SETUP PHOTOGRAPHS
SPURIOUS RADIATED EMISSIONS**



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DATA PACKAGE No. R-4499N

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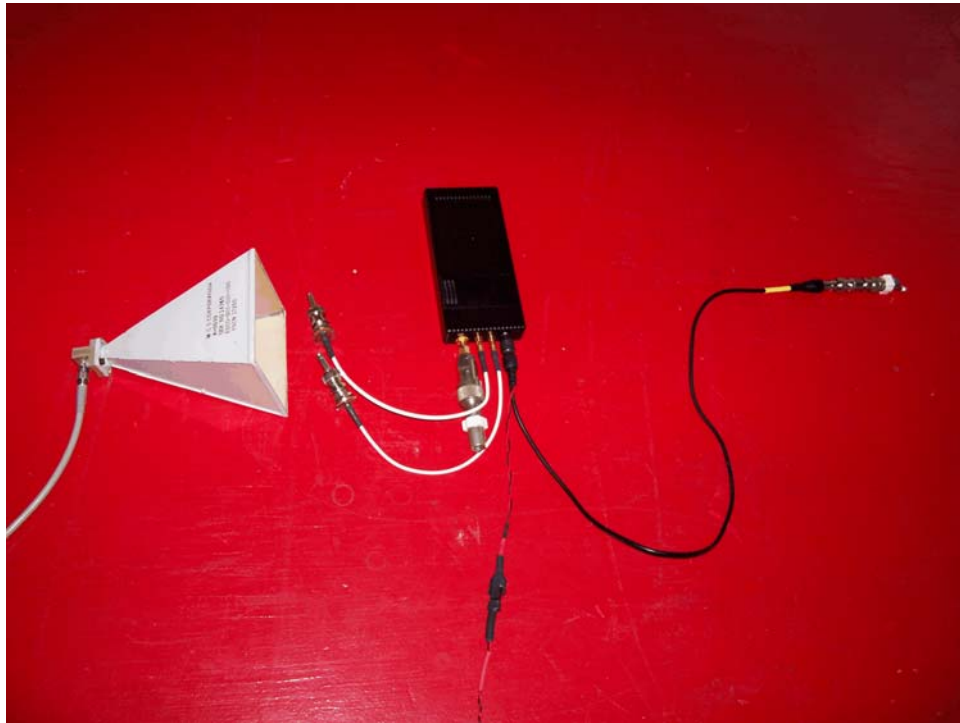
**TEST SETUP PHOTOGRAPHS
SPURIOUS RADIATED EMISSIONS**



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**TEST SETUP PHOTOGRAPH
SPURIOUS RADIATED EMISSIONS**



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DATA PACKAGE No. R-4499N

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 25 GHz		
Customer:	DTC Communications, Inc.	Job No:	R-4499N
Test Sample:	Digital Video Transmitter		
Model No:	PDTX100	Serial No:	n/a
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Transmitting Digital Signal		
Technician:	T. Firkowski	Date:	9/9/2005
Notes:	Transmit Frequency: 2.38 GHz Peak Detector		

[illegible]

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 25 GHz		
Customer:	DTC Communications, Inc.	Job No:	R-4499N
Test Sample:	Digital Video Transmitter		
Model No:	PDTX100	Serial No:	n/a
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Transmitting Digital Signal		
Technician:	T. Firkowski	Date:	9/9/2005
Notes:	Transmit Frequency: 2.43 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.

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 25 GHz		
Customer:	DTC Communications, Inc.	Job No:	R-4499N
Test Sample:	Digital Video Transmitter		
Model No:	PDTX100	Serial No:	n/a
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Transmitting Digital Signal		
Technician:	T. Firkowski	Date:	9/9/2005
Notes:	Transmit Frequency: 2.48 GHz Peak Detector		

[illegible]

EQUIPMENT LIST

SPURIOUS RADIATED EMISSIONS

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due
3116	Pre-Amplifier	Miteq	0.1 GHz - 18 GHz	AFS42-35	08/21/2005	08/21/2006
3119A	Pre-Amplifier	Retlif	10 kHz - 1 GHz	RET-PA-SW	08/21/2005	08/21/2006
543	Pre-Amplifier	Hewlett Packard	1.0 GHz - 26.5 GHz	8449B	07/27/2005	07/27/2006
4029B	Test Site Attenuation	Retlif	3 / 10 Meters	RNH	12/03/2004	12/03/2005
4202	Biconilog	EMCO	26 MHz - 2 GHz	3142	12/13/2004	12/13/2005
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
713	EMI Test Receiver	Rohde & Schwarz	20 Hz - 26.5 GHz	ESI26	03/22/2005	03/22/2006
3116	Pre-Amplifier	Miteq	0.1 GHz - 18 GHz	AFS42-35	08/21/2005	08/21/2006
3258	Double Ridge Guide	EMCO	1 - 18 GHz	3115	08/21/2005	08/21/2006
5001A	Sweep Oscillator	Hewlett Packard	.01 - 20.4 GHz	8350B	04/15/2005	04/15/2006
5001B	Oscillator Plug-In	Hewlett Packard	.01 - 20 GHz	83592A	04/15/2005	04/15/2006



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**TEST SETUP PHOTOGRAPH
RADIATED EMISSIONS**



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DATA PACKAGE No. R-4499N

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Radiated Emissions 30 MHz to 1 GHz		
Customer	DTC Communications, Inc.	Job No.	R-4499N
Test Sample	Digital Video Transmitter		
Model No.	PDTX100	Serial No.	n/a
Test Specification:	FCC Part 15 Subpart B Class B Paragraph: 15.109 (a)		
Operating Mode:	Transmitting Video Signal		
Technician:	T. Firkowski	Date:	September 7, 2005
Notes:	Test Distance: 3 Meters Detector: Quasi-Peak		

Test Frequency	Antenna Position	EUT Position	Uncorrected Reading	Correction Factor	Corrected Reading					Limit at 3 Meters
MHz	(H/V) - Height	Axis	dBuV	dB	dBuV/m					dBuV/m
30.00	-	-	-	-	-					40.0
	-	-	-	-	-					
40.50	V-1m	Y	42.21	-4.00	38.21					
40.97	H-1m	Y	28.06	-4.24	23.82					
54.01	H-1m	Z	30.80	-9.23	21.57					
54.01	V-1m	Y	44.29	-9.23	35.06					
76.37	V-1m	Y	33.81	-9.00	24.81					
81.00	V-1m	Y	42.00	-8.71	33.29					
	-	-	-	-	-					
88.00	-	-	-	-	-					40.0
88.00	-	-	-	-	-					43.5
	-	-	-	-	-					
120.00	V-1m	Z	36.26	-6.99	29.27					
141.20	V-1m	Z	33.85	-6.51	27.34					
153.80	V-1m	Z	32.20	-5.76	26.44					
156.25	V-1m	Z	36.38	-5.66	30.72					
161.99	H-1m	Z	29.65	-5.48	24.17					
161.99	V-1m	Y	41.17	-5.48	35.69					
165.88	H-1m	Z	29.51	-5.42	24.09					
165.88	V-1m	Z	40.68	-5.42	35.26					
170.95	V-1m	Z	33.89	-5.33	28.56					
193.18	V-1m	X	36.45	-4.68	31.77					
210.12	H-1m	Z	35.17	-3.85	31.32					
210.12	V-1m	Z	36.70	-3.85	32.85					
213.83	H-1m	Z	39.75	-3.60	36.15					
213.83	V-1m	Z	41.08	-3.60	37.48					
	-	-	-	-	-					
216.00	-	-	-	-	-					43.5
216.00	-	-	-	-	-					46.0
	-	-	-	-	-					
216.01	H-1m	Z	36.86	-3.45	33.41					

EUT emissions observed throughout the given frequency spectrum were recorded and evaluated. Emission levels closest to the limit are listed on this data sheet.

EQUIPMENT LIST
FCC PART 15 RADIATED EMISSIONS

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due
3119A	Pre-Amplifier	Retlif	10 kHz - 1 GHz	RET-PA-SW	08/21/2005	08/21/2006
3258	Double Ridge Guide	EMCO	1 - 18 GHz	3115	08/21/2005	08/21/2006
4029B	Test Site Attenuation	Retlif	3 / 10 Meters	RNH	12/03/2004	12/03/2005
4202	Biconilog	EMCO	26 MHz - 2 GHz	3142	12/13/2004	12/13/2005
713	EMI Test Receiver	Rohde & Schwarz	20 Hz - 26.5 GHz	ESI26	03/22/2005	03/22/2006



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