

Retlif Testing Laboratories

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WASHINGTON REGULATORY OFFICE 703-533-1614 Fax 703-533-1612

DATA PACKAGE FOR

Video Transmitter Model/Part Number: VBS-250 Serial Number: P13

Customer Name:

DTC Communications

Customer P.O.:

71938

Data Package No.:

R-4001N

Package Date:

August 14, 2002

Test Start Date:

July 29, 2002

Test Finish Date:

July 29, 2002

Test Technician(s):

Tim Firkowski

Test Engineer:

Scott Wentworth

Data Prepared By:

Jamie Ramsey

Supervisor:

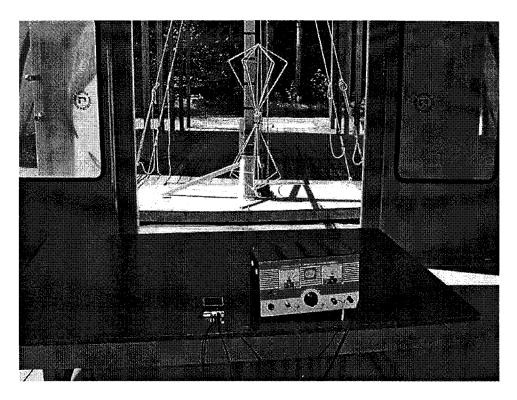
Scott Wentworth

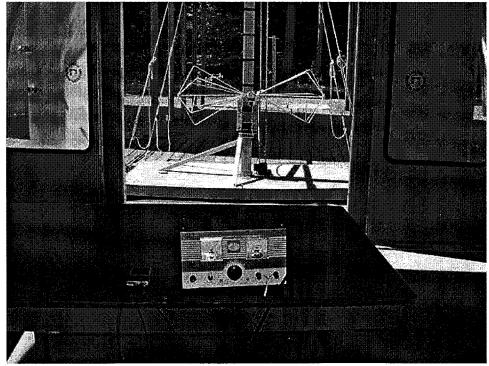
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TEST SETUP PHOTOGRAPHS

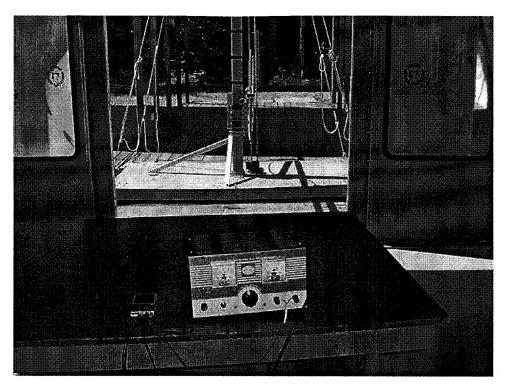


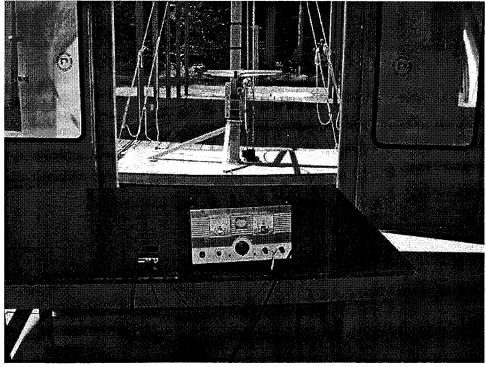




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TEST SETUP PHOTOGRAPHS



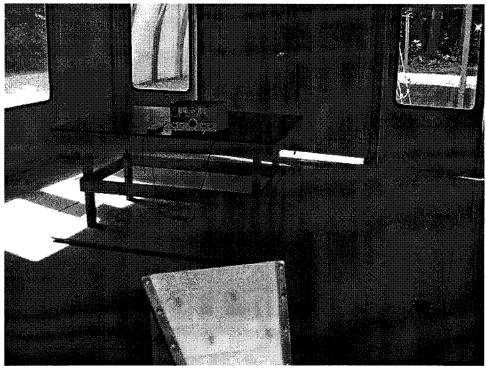




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TEST SETUP PHOTOGRAPHS







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EQUIPMENT LIST

Spurious Emissions

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
3258	Double Ridge Guide	EMCO	1 - 18 GHz	3115	5/6/02	5/6/03
3430	Horn Antenna	MCS Corporation	18 GHz - 26.5 GHz	K-5039	1/3/02	1/3/03
4202	Biconilog	EMCO	26 MHz - 2 GHz	3142	7/25/02	7/25/03
713	EMI Test Receiver	Rohde & Schwarz	20 Hz - 26.5 GHz	ESI26	7/19/02	7/19/03



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RETLIF TESTING LABORATORIES TABULAR DATA SHEET Spurious Emissions, Effective Radiated Power Test Method: Job No: R-4001N Customer: DTC Communications, Inc. Video Transmitter Test Sample: Model No: VBS-250 Serial No: P13 FCC Part 2 & 90 Test Specification: Paragraph: 2.1053 & 90.210 Operating Mode: Continuously Transmitting 7/29/02 Technician: T. Firkowski Date: Notes: Detector Function: Peak Test Distance = 3m Transmit Frequency: 2458 MHz Limit per Emissions Mask B of paragraph 90.210 Ant Position/ Reference Signal Gen Cable Corrected Frequency **EUT Axis** Level Level Gain Factor Reading Limit dBuV dBm dBi dΒ MHz dBm dBm 30.00 -13.00 4916.00 1 7374.00 9832.00 12290.00 14748.00 17206.00 1 19664.00 1 22122.00 Τ 1 24580.00 25000.00 -13.0 No EUT emissions within 10 dB of the specified limit were observed at the specified test distance. Data Sheet 1 of 3 R-4001N

RETLIF TESTING LABORATORIES

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					AR DATA	SHEET		113			
Test Method: Customer:		Spurious Emissions, Effective Radiated Power									
		DTC Communications, Inc. Job No: R-4001N									
Test Sample:		Video Transmitter									
Model No:	i mit	VBS-250 Serial No: P13									
Test Specific	ation:	FCC Part 2 & 90									
		Paragraph: 2.1053 & 90.210									
Operating Mode:		Continuously Transmitting									
											Technician:
Notes:		Detector Function: Peak Test Distance = 3m Transmit Frequency: 2475 MHz Limit per Emissions Mask B of paragraph 90.210									
Toot								pii 90.210	i i	_	
Test Frequency		Ant Position/ EUT Axis	Reference Level	Signal Gen Level	Reference Ant Gain	Cable Factor	Corrected Reading			Limit	
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	No EUT emissions within 10 dB of the specified limit were observed at the specified test distance.										
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Data Sheet	t 2 of 3		<u>.</u>							R-4001N	

R-4001N

RETLIF TESTING LABORATORIES

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Test Method:		Spurious Emis	ssions, Effectiv	e Radiated Po	wer						
Customer:		DTC Communications, Inc. Job No: R-4001N									
Test Sample:		Video Transm	itter								
10.79	1.4										
Model No:		VBS-250									
Test Specific	ation:										
		Paragraph: 2.1053 & 90.210									
Operating Mode:		Continuously Transmitting									
Technician:		T. Firkowski Date: 7/29/02									
Notes:		Detector Function: Peak Test Distance = 3m									
			uency: 2492 N			missions Mas	k B of paragrap	oh 90.210			
Test		Ant Position/	Reference	Signal Gen	Reference Ant	Cable	Corrected				
Frequency		EUT Axis	Level	Level	Gain	Factor	Reading			Limit	
MHz			dBuV	dBm	dBi	dB	dBm			dBm	
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	No EUT emissions within 10 dB of the specified limit were observed at the specified test distance.										
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Data Sheet	3 of 3									R-4001N	