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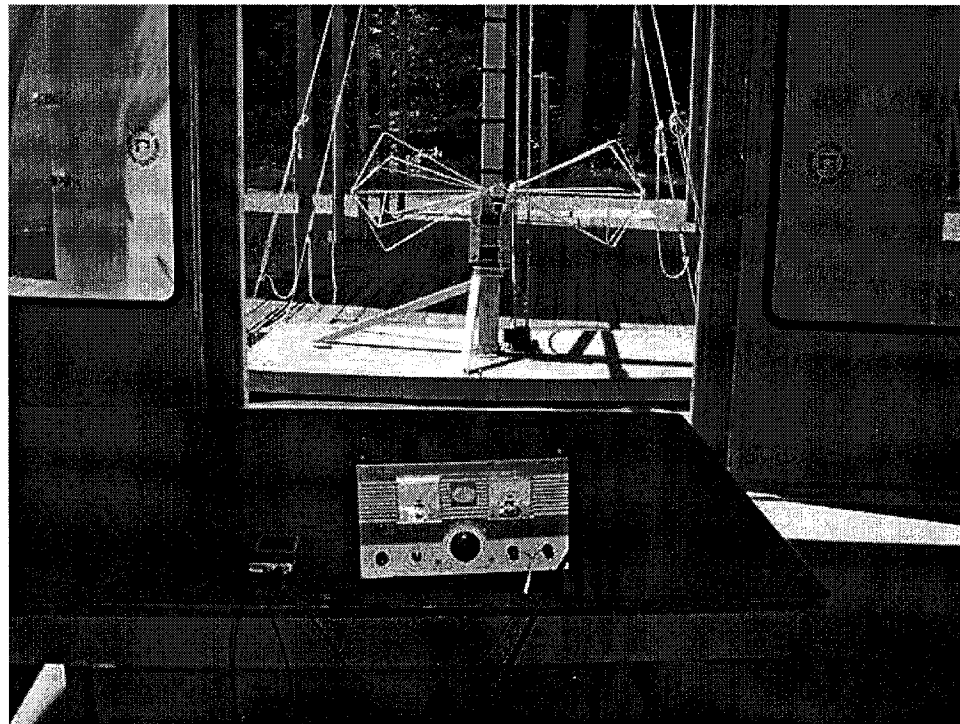
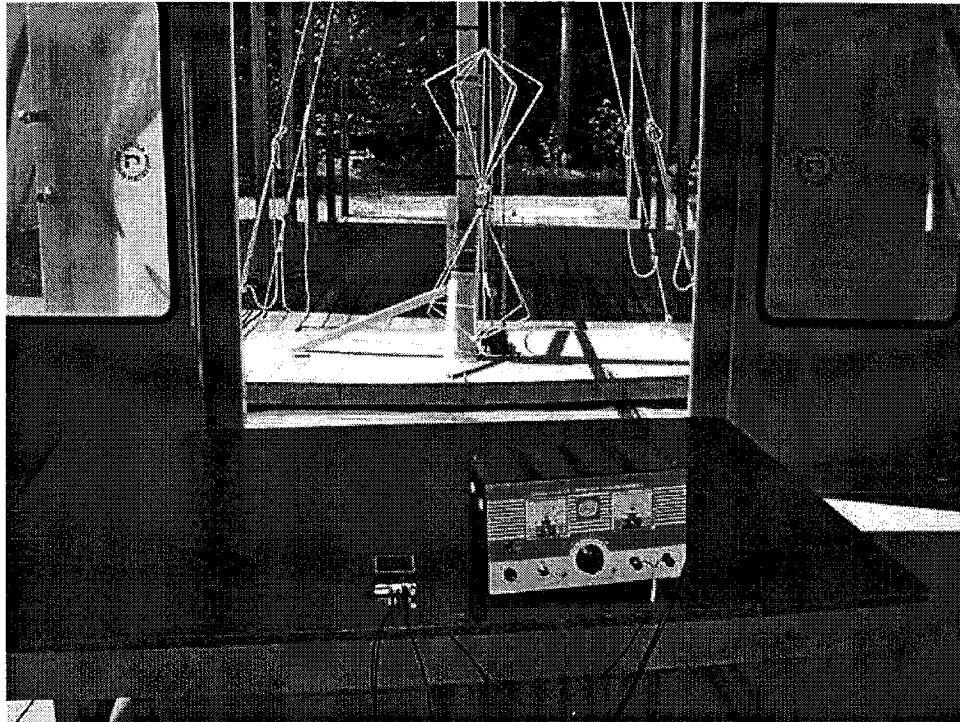
WASHINGTON
REGULATORY OFFICE
703-533-1614 Fax 703-533-1612

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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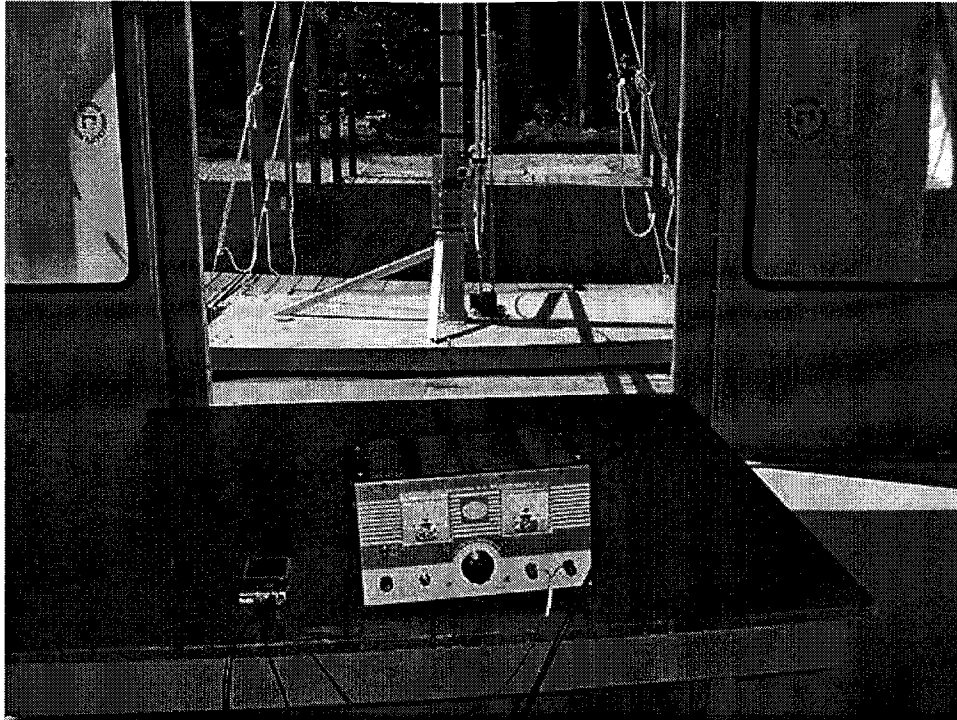
TEST SETUP PHOTOGRAPHS



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DATA PACKAGE No. R-4001N

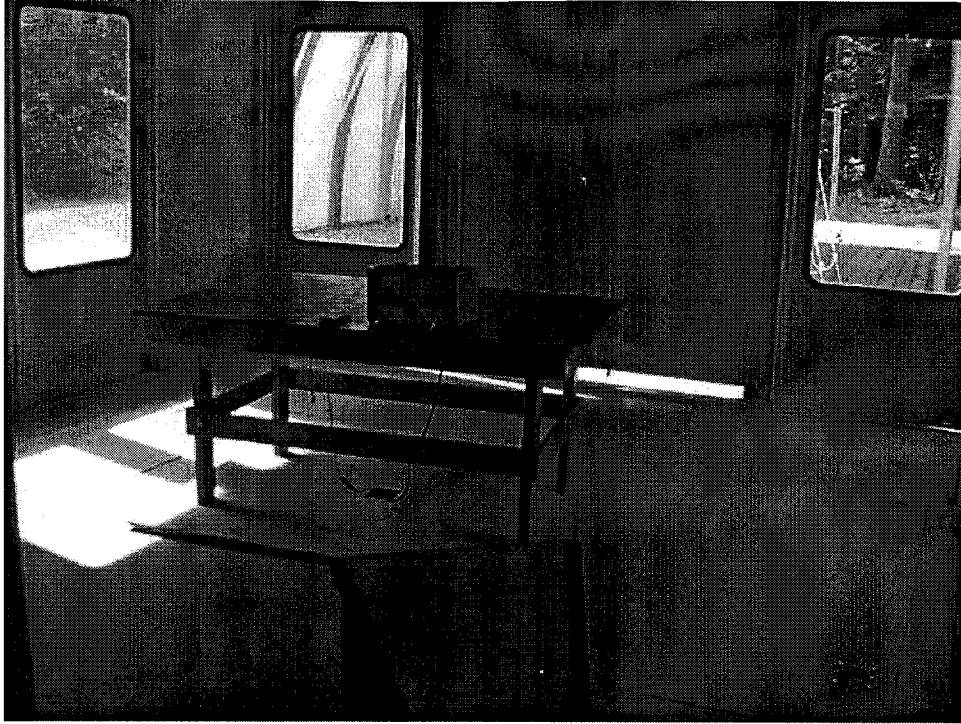
TEST SETUP PHOTOGRAPHS



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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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DATA PACKAGE No. R-4001N

RETLIF TESTING LABORATORIES

TABULAR DATA SHEET

Test Method:	Spurious Emissions, Effective Radiated Power		
Customer:	DTC Communications, Inc.	Job No:	R-4001N
Test Sample:	Video Transmitter		
Model No:	VBS-250	Serial No:	P13
Test Specification:	FCC Part 2 & 90 Paragraph: 2.1053 & 90.210		
Operating Mode:	Continuously Transmitting		
Technician:	T. Firkowski	Date:	7/29/02
Notes:	Detector Function: Peak Test Distance = 3m Transmit Frequency: 2458 MHz Limit per Emissions Mask B of paragraph 90.210		

Test Frequency	Ant Position/ EUT Axis	Reference Level	Signal Gen Level	Reference Ant Gain	Cable Factor	Corrected Reading			Limit
MHz		dBuV	dBm	dBi	dB	dBm			dBm
30.00	-	-	-	-	-	-			-13.00
	-	-	-	-	-	-			
4916.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
7374.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
9832.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
12290.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
14748.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
17206.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
19664.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
22122.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
24580.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
25000.00	-	-	-	-	-	-			-13.0

No EUT emissions within 10 dB of the specified limit were observed at the specified test distance.

RETLIF TESTING LABORATORIES

TABULAR DATA SHEET

Test Method: Spurious Emissions, Effective Radiated Power

Customer: DTC Communications, Inc. Job No: R-4001N

Test Sample: Video Transmitter

Model No: VBS-250 Serial No: P13

Test Specification: FCC Part 2 & 90 Paragraph: 2.1053 & 90.210

Operating Mode: Continuously Transmitting

Technician: T. Firkowski Date: 7/29/02

Notes: Detector Function: Peak Test Distance = 3m
Transmit Frequency: 2475 MHz Limit per Emissions Mask B of paragraph 90.210

Test Frequency	Ant Position/ EUT Axis	Reference Level	Signal Gen Level	Reference Ant Gain	Cable Factor	Corrected Reading	Limit
MHz		dBuV	dBm	dBi	dB	dBm	dBm
30.00	-	-	-	-	-	-	-13.00
	-	-	-	-	-	-	
4950.00	-	-	-	-	-	-	
	-	-	-	-	-	-	
7425.00	-	-	-	-	-	-	
	-	-	-	-	-	-	
9900.00	-	-	-	-	-	-	
	-	-	-	-	-	-	
12375.00	-	-	-	-	-	-	
	-	-	-	-	-	-	
14850.00	-	-	-	-	-	-	
	-	-	-	-	-	-	
17325.00	-	-	-	-	-	-	
	-	-	-	-	-	-	
19800.00	-	-	-	-	-	-	
	-	-	-	-	-	-	
22275.00	-	-	-	-	-	-	
	-	-	-	-	-	-	
24780.00	-	-	-	-	-	-	
	-	-	-	-	-	-	
25000.00	-	-	-	-	-	-	-13.0

No EUT emissions within 10 dB of the specified limit were observed at the specified test distance.

RETLIF TESTING LABORATORIES

TABULAR DATA SHEET

Test Method:	Spurious Emissions, Effective Radiated Power		
Customer:	DTC Communications, Inc.	Job No:	R-4001N
Test Sample:	Video Transmitter		
Model No:	VBS-250	Serial No:	P13
Test Specification:	FCC Part 2 & 90 Paragraph: 2.1053 & 90.210		
Operating Mode:	Continuously Transmitting		
Technician:	T. Firkowski	Date:	7/29/02
Notes:	Detector Function: Peak Test Distance = 3m Transmit Frequency: 2492 MHz Limit per Emissions Mask B of paragraph 90.210		

Test Frequency	Ant Position/ EUT Axis	Reference Level	Signal Gen Level	Reference Ant Gain	Cable Factor	Corrected Reading			Limit
MHz		dBuV	dBm	dBi	dB	dBm			dBm
30.00	-	-	-	-	-	-			-13.00
	-	-	-	-	-	-			
4984.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
7476.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
9968.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
12460.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
14952.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
17444.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
19936.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
22428.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
24920.00	-	-	-	-	-	-			
	-	-	-	-	-	-			
25000.00	-	-	-	-	-	-			-13.0

No EUT emissions within 10 dB of the specified limit were observed at the specified test distance.