

Retlif Testing Laboratories

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DATA PACKAGE FOR DTC COMMUNICATIONS, INC. 2/5 WATT VIDEO TRANSMITTER

MODEL: VMS5000 SERIAL NUMBER: N/A

Customer Name:

DTC Communications, Inc.

Customer P.O.:

25913

Data Package No.:

R-4240N

Package Date:

March 26, 2004

Test Start Date:

March 18, 2004

Test Finish Date:

March 20, 2004

Test Technician(s):

Tim Firkowski

Test Engineer:

Scott Wentworth

Data Prepared By:

Jamie Ramsey

Supervisor:

Scott Wentworth

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TEST SETUP PHOTOGRAPHS RADIATED EMISSIONS







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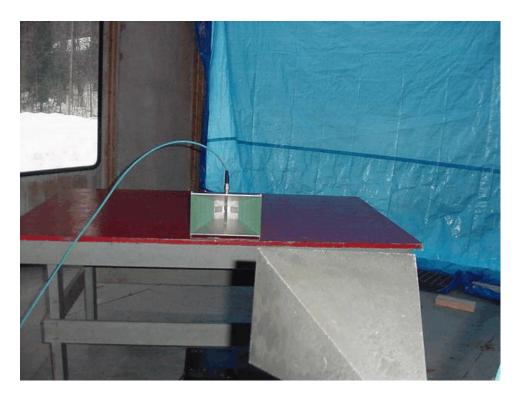


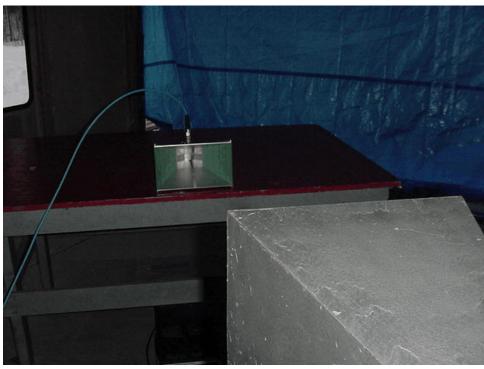




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RETLIF TESTING LABORATORIES **EMISSIONS DATA SHEET** Test Method: Spurious Radiated Emissions (ERP) 30 MHz to 25 GHz Customer: DTC Communications, Inc. Job No: R-4240N Test Sample: 2/5 Watt Video Transmitter Model No: VMS5000 Serial No: n/a Test Specification: FCC Part 2 Paragraph: 2.1053 Operating Mode: Transmitting Video Signal 5 W Technician: T. Firkowski 3/20/04 Date: Notes: Transmit Frequency: 2.5 GHz Peak Detector Antenna/EUT Test Reference Signal Gen Reference Ant Spurious Corrected Frequency Position Reading Reading Limit MHz Polarity/Axis dBm dBm dBd dBm dBm 30.00 _ -13.00 ı -1 5000.00 H/Y -65.74 -44.10 4.95 -39.15 7500.00 V/X -67.31 -45.47 4.73 -40.74 10000.00 V/Z -74.24 -51.30 5.55 -45.75 -1 25000.00 -13.00 EUT emissions observed throughout the given frequency spectrum were recorded & evaluated. Emission levels closest to the limit are listed on this data sheet. Data Sheet 12 of 12 R-4240N

EQUIPMENT LIST RADIATED EMISSIONS

EN	Type	Manufacturer	Description	Model No.	Cal Date	Due Date
3430	Horn Antenna	MCS Corporation	18 GHz - 26.5 GHz	K-5039	01/19/2004	01/19/2005
4003A	Double Ridge Guide	EMCO	1 GHz - 12.4 GHz	3105	09/20/2003	09/20/2004
4984A	High Gain Horn	Microlab/FXR	1.0 - 1.7 GHz	L638A	01/22/2004	01/22/2005
4984B	High Gain Horn	Microlab/FXR	1.7 - 2.6 GHz	R638A	01/22/2004	01/22/2005
4984C	High Gain Horn	Microlab/FXR	2.6 - 3.95 GHz	S638A	01/22/2004	01/22/2005
4984D	High Gain Horn	Microlab/FXR	3.95 - 5.85 GHz	H638A	01/22/2004	01/22/2005
4984E	High Gain Horn	Microlab/FXR	5.8 - 8.2 GHz	C638A	01/22/2004	01/22/2005
4984F	High Gain Horn	Microlab/FXR	8.2 - 12.4 GHz	X638A	01/22/2004	01/22/2005
4984G	High Gain Horn	Microlab/FXR	12.4 GHz - 18 GHz	Y638A	01/19/2004	01/19/2005
5001A	Sweep Oscillator	Hewlett Packard	.01 - 20.4 GHz	8350B	03/21/2004	03/21/2005
5001B	Oscillator Plug-In	Hewlett Packard	.01 - 20 GHz	83592A	03/21/2004	03/21/2005
R413	Spectrum Analyzer	Hewlett Packard	9 kHz - 26.5 GHz	E7405A	11/05/2003	11/05/2004



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