

RETLIF TESTING LABORATORIES

EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 25 GHz		
Customer:	DTC Communications, Inc.	Job No:	R-4087N
Test Sample:	2 Watt Video Transmitter		
Model No:	VMS2000	Serial No:	ENG1
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Transmitting Carrier Signal only		
Technician:	T. Firkowski	Date:	2/7/03
Notes:	Transmit Frequency: 2.475 GHz Peak Detector		

Test Frequency	Antenna/EUT Position	Reference Reading	Signal Gen Level	Reference Ant Gain				Corrected Reading	Spurious Limit
MHz	Polarity/Axis	dBm	dBm	dBd				dBm	dBm
30.00	-	-	-	-				-	-13.00
	-	-	-	-				-	
	-	-	-	-				-	
	-	-	-	-				-	
	-	-	-	-				-	
4950.00	V/Y	-63.52	-36.51	4.93				-31.58	
7425.00	V/X	-52.96	-26.58	4.75				-21.83	
9900.00	H/X	-58.39	-28.76	5.36				-23.40	
	-	-	-	-				-	
	-	-	-	-				-	
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.

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Customer:	DTC Communications, Inc.	Job No:	R-4087N
Test Sample:	2 Watt Video Transmitter		
Model No:	VMS2000	Serial No:	ENG1
Test Specification:	FCC Part 2 Paragraph: 2.1053		
Operating Mode:	Transmitting Carrier Signal only		
Technician:	T. Firkowski	Date:	2/7/03
Notes:	Transmit Frequency: 2.5 GHz Peak Detector		

Test Frequency	Antenna/EUT Position	Reference Reading	Signal Gen Level	Reference Ant Gain				Corrected Reading	Spurious Limit
MHz	Polarity/Axis	dBm	dBm	dBd				dBm	dBm
30.00	-	-	-	-				-	-13.00
	-	-	-	-				-	
	-	-	-	-				-	
	-	-	-	-				-	
	-	-	-	-				-	
5000.00	V/Y	-66.87	-42.18	4.95				-37.23	
7500.00	H/X	-56.37	-31.08	4.73				-26.35	
10000.00	H/Y	-60.51	-30.35	5.55				-24.80	
	-	-	-	-				-	
	-	-	-	-				-	
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.

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Test Method: Spurious Radiated Emissions (ERP) 30 MHz to 25 GHz

Customer: DTC Communications, Inc. Job No: R-4087N

Test Sample: 2 Watt Video Transmitter

Model No: VMS2000 Serial No: ENG1

Test Specification: FCC Part 2
Paragraph: 2.1053

Operating Mode: Transmitting Video Signal

Technician: T. Firkowski Date: 2/7/03

Notes: Transmit Frequency: 2.475 GHz
Peak Detector

Test Frequency	Antenna/EUT Position	Reference Reading	Signal Gen Level	Reference Ant Gain				Corrected Reading	Spurious Limit
MHz	Polarity/Axis	dBm	dBm	dBd				dBm	dBm
30.00	-	-	-	-				-	-13.00
	-	-	-	-				-	
	-	-	-	-				-	
	-	-	-	-				-	
	-	-	-	-				-	
4950.00	V/Y	-63.02	-36.01	4.93				-31.08	
7425.00	V/X	-53.41	-27.03	4.75				-22.28	
9900.00	H/X	-58.36	-28.73	5.36				-23.37	
	-	-	-	-				-	
	-	-	-	-				-	
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.

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EMISSIONS DATA SHEET

Test Method:	Spurious Radiated Emissions (ERP) 30 MHz to 25 GHz	
Customer:	DTC Communications, Inc.	Job No: R-4087N
Test Sample:	2 Watt Video Transmitter	
Model No:	VMS2000	Serial No: ENG1
Test Specification:	FCC Part 2 Paragraph: 2.1053	
Operating Mode:	Transmitting Video Signal	
Technician:	T. Firkowski	Date: 2/7/03
Notes:	Transmit Frequency: 2.5 GHz Peak Detector	

Test Frequency	Antenna/EUT Position	Reference Reading	Signal Gen Level	Reference Ant Gain				Corrected Reading	Spurious Limit
MHz	Polarity/Axis	dBm	dBm	dBd				dBm	dBm
30.00	-	-	-	-				-	-13.00
	-	-	-	-				-	
	-	-	-	-				-	
	-	-	-	-				-	
	-	-	-	-				-	
5000.00	V/Y	-67.64	-42.95	4.95				-38.00	
7500.00	H/X	-55.65	-30.36	4.73				-25.63	
10000.00	H/Y	-60.73	-30.57	5.55				-25.02	
	-	-	-	-				-	
	-	-	-	-				-	
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.