

Exhibit N: Output Power

FCC ID: P6I-COPYCAM

Justification

The individuals and/or the organization requesting the test provided the modes, configurations and settings available to evaluate. All of the EUT parameters listed below were investigated. This includes, but may not be limited to, antennas, tuned transmit frequency ranges, operating modes, and data rates.

Channels in Specified Band Investigated:

Low
Mid
High

Operating Modes Investigated:

No Hop

Data Rates Investigated:

Maximum

Output Power Setting(s) Investigated:

Maximum

Power Input Settings Investigated:

120 VAC, 60 Hz.

Software\Firmware Applied During Test

Exercise software	Special Test Software	Version	Unknown
Description			
The system was tested using special software developed to test all functions of the device during the test. This software allows the unit to be placed in a no hop mode and set to the low, mid, and high transmit channel			

Equipment Modifications

No EMI suppression devices were added or modified. The EUT was tested as delivered.

EUT and Peripherals

Description	Manufacturer	Model/Part Number	Serial Number
EUT	Polyvision	CopyCam	E0200066
Control Pad	Polyvision	N/A	N/A
AC Power Adapter	Ault, Inc	P48151000A000G	N/A

Cables

Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
Ethernet	No	3.6	No	Control Pad	EUT
DC Power	No	4.4	No	EUT	AC Adapter

PA = Cable is permanently attached to the device. Shielding and/or presence of ferrite may be unknown.

Measurement Equipment

Description	Manufacturer	Model	Identifier	Last Cal	Interval
Spectrum Analyzer	Tektronix	2784	AAO	03/08/2001	24 mo

Test Description

Requirement: Per 47 CFR 15.247(b)(1), the maximum peak output power must not exceed 1 Watt. The measurement is made using either a peak power meter, or a spectrum analyzer using the following settings:


- Resolution bandwidth set to greater than the 6 dB bandwidth of the modulated carrier, and
- The video bandwidth set to greater than or equal to the resolution bandwidth.

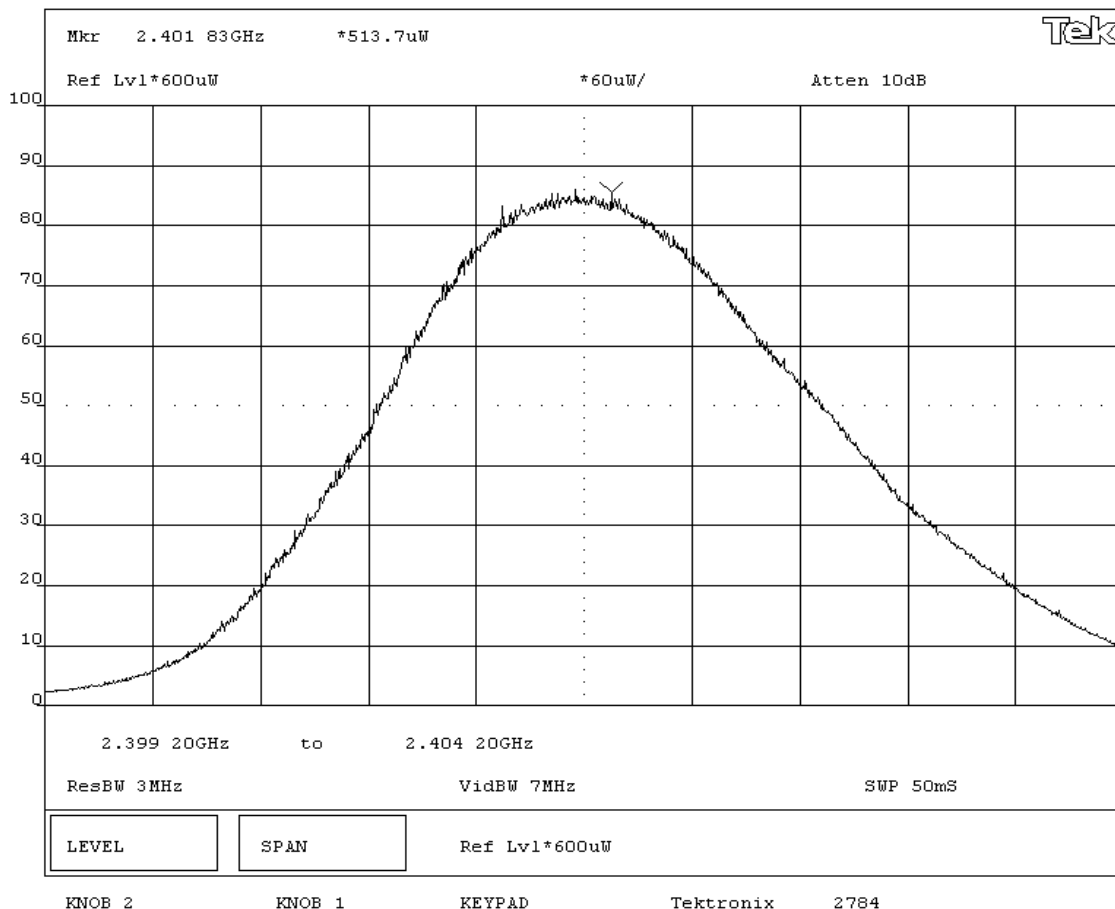
Configuration: The peak output power was measured with the EUT set to low, medium, and high transmit frequencies. The measurement was made using a direct connection between the RF output of the EUT and a spectrum analyzer. The EUT was transmitting at its maximum power and maximum data rate in a no hop mode.

De Facto EIRP Limit: Per 47 CFR 15.247 (b)(1-3), the EUT meets the de facto EIRP limit of +36dBm. The maximum gain from the gigaAnt Titanis antenna is 1.6 dBi, the maximum peak output power is -2.89 dBm. Therefore the EUT's maximum EIRP is -1.3 dBm.

Completed by:



NORTHWEST EMC		EMISSIONS DATA SHEET		Rev BETA 01/30/01	
EUT: CopyCam			Work Order: POLV0012		
Serial Number: E0200066			Date: 02/22/02		
Customer: PolyVision Corporation			Temperature: 23 degrees C		
Attendees: Guy Williams		Tested by: Greg Kiemel	Humidity: 38% RH		
Customer Ref. No.: N/A		Power: N/A	Job Site: EV06		
TEST SPECIFICATIONS					
Specification: 47 CFR 15.247(b)(1)	Year: Most Current	Method: DA 00-705, ANSI C63.4	Year: 1992		
SAMPLE CALCULATIONS					
COMMENTS					
EUT OPERATING MODES					
Modulated by PRBS at maximum data rate, Maximum output power					
DEVIATIONS FROM TEST STANDARD					
None					
REQUIREMENTS					
Maximum peak conducted output power does not exceed 1 Watt					
RESULTS			AMPLITUDE		
Pass			513.7 uW		
SIGNATURE					
<div style="text-align: center;">  Tested By: _____ </div>					
DESCRIPTION OF TEST					
Output Power - Low Channel					



NORTHWEST
EMC**EMISSIONS DATA SHEET**Rev BETA
01/30/01

EUT: CopyCam			Work Order: POLV0012		
Serial Number: E0200066			Date: 02/22/02		
Customer: PolyVision Corporation			Temperature: 23 degrees C		
Attendees: Guy Williams		Tested by: Greg Kiemel	Humidity: 38% RH		
Customer Ref. No.: N/A		Power: N/A	Job Site: EV06		

TEST SPECIFICATIONS

Specification: 47 CFR 15.247(b)(1)	Year: Most Current	Method: DA 00-705, ANSI C63.4	Year: 1992
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SAMPLE CALCULATIONS**COMMENTS****EUT OPERATING MODES**

Modulated by PRBS at maximum data rate, Maximum output power

DEVIATIONS FROM TEST STANDARD

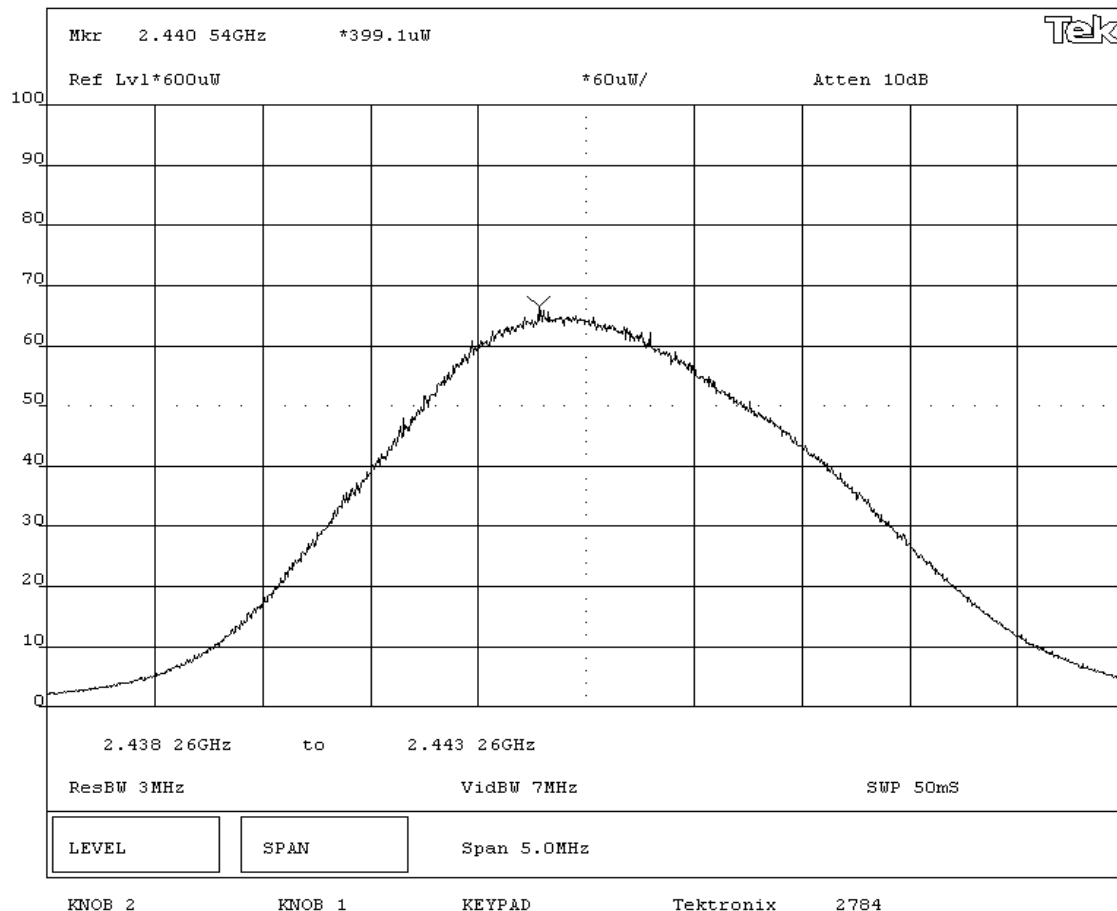
None


REQUIREMENTS

Maximum peak conducted output power does not exceed 1 Watt

RESULTS**AMPLITUDE**

Pass 399.1 uW

SIGNATURETested By: **DESCRIPTION OF TEST****Output Power - Mid Channel**

NORTHWEST EMC		EMISSIONS DATA SHEET		Rev BETA 01/30/01	
EUT: CopyCam			Work Order: POLV0012		
Serial Number: E0200066			Date: 02/22/02		
Customer: PolyVision Corporation			Temperature: 23 degrees C		
Attendees: Guy Williams		Tested by: Greg Kiemel		Humidity: 38% RH	
Customer Ref. No.: N/A		Power: N/A		Job Site: EV06	
TEST SPECIFICATIONS					
Specification: 47 CFR 15.247(b)(1)		Year: Most Current		Method: DA 00-705, ANSI C63.4	
				Year: 1992	
SAMPLE CALCULATIONS					
COMMENTS					
EUT OPERATING MODES					
Modulated by PRBS at maximum data rate, Maximum output power					
DEVIATIONS FROM TEST STANDARD					
None					
REQUIREMENTS					
Maximum peak conducted output power does not exceed 1 Watt					
RESULTS			AMPLITUDE		
Pass			194.4 uW		
SIGNATURE					
<div style="text-align: center;">  Tested By: _____ </div>					
DESCRIPTION OF TEST					
Output Power - High Channel					

