

Exhibit R: Occupied Bandwidth

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(a)(1)(ii), the 20 dB bandwidth of a hopping channel must be no greater than 1 MHz. The measurement is made with the spectrum analyzer's resolution bandwidth set to $\geq 1\%$ of the 20dB bandwidth, and the video bandwidth set to greater than or equal to the resolution bandwidth.

Configuration: The occupied bandwidth 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 the spectrum analyzer. The EUT was transmitting at its maximum data rate in a no hop mode.

Completed by:



EUT:	CopyCam	Work Order:	POLV0012
Serial Number:	E0200066	Date:	02/21/02
Customer:	PolyVision Corporation	Temperature:	23 degrees C
Attendees:	Guy Williams	Tested by:	Rod Peloquin
Customer Ref. No.:	N/A	Humidity:	38% RH
		Power:	N/A
		Job Site:	EV06

TEST SPECIFICATIONS

Specification:	47 CFR 15.247(a)(1)(ii)	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

The maximum 20dB bandwidth of the hopping channel is 1 MHz

RESULTS

BANDWIDTH

Pass

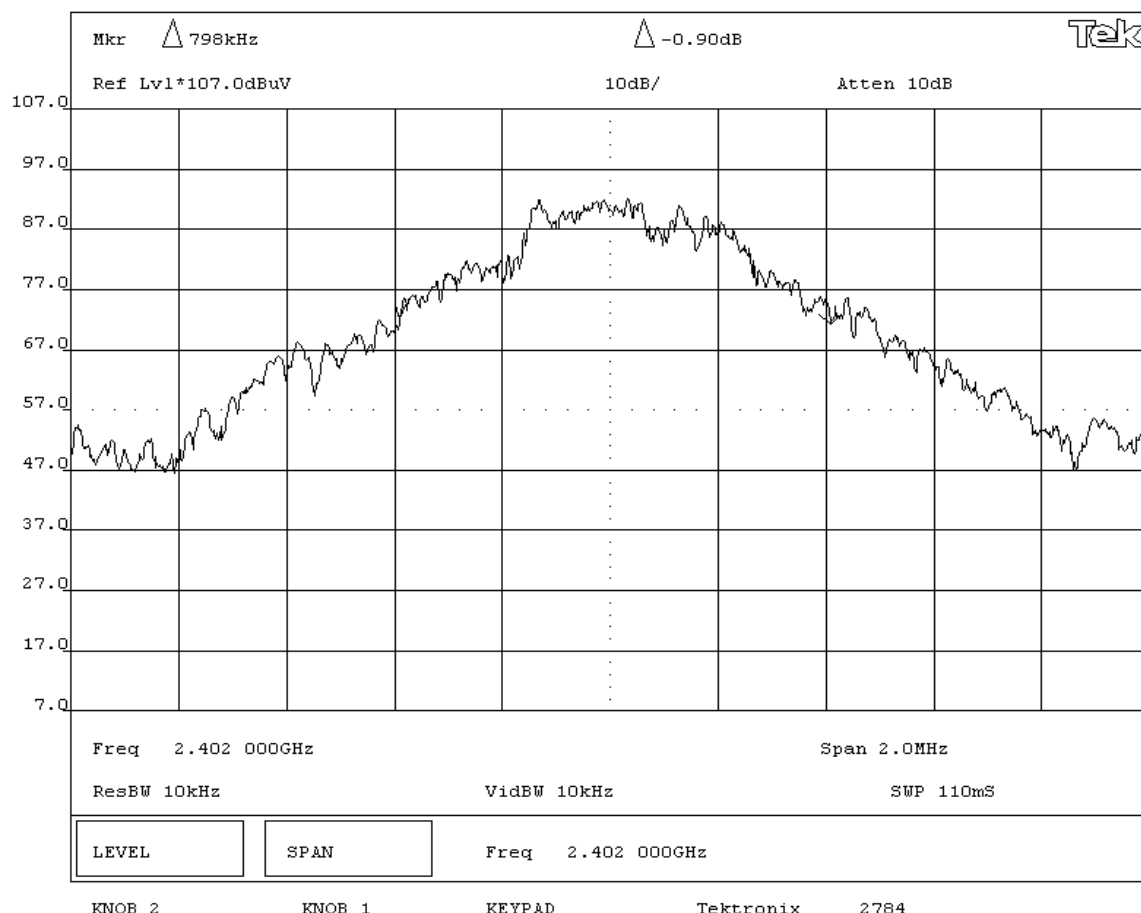
.798 MHz

SIGNATURE

Tested By:

DESCRIPTION OF TEST

20dB Bandwidth - Low Channel



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/30/01

EUT: CopyCam			Work Order: POLV0012		
Serial Number: E0200066			Date: 02/21/02		
Customer: PolyVision Corporation			Temperature: 23 degrees C		
Attendees: Guy Williams		Tested by: Rod Peloquin	Humidity: 38% RH		
Customer Ref. No.: N/A		Power: N/A	Job Site: EV06		

TEST SPECIFICATIONS

Specification: 47 CFR 15.247(a)(1)(ii)	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

The maximum 20dB bandwidth of the hopping channel is 1 MHz

RESULTS

BANDWIDTH

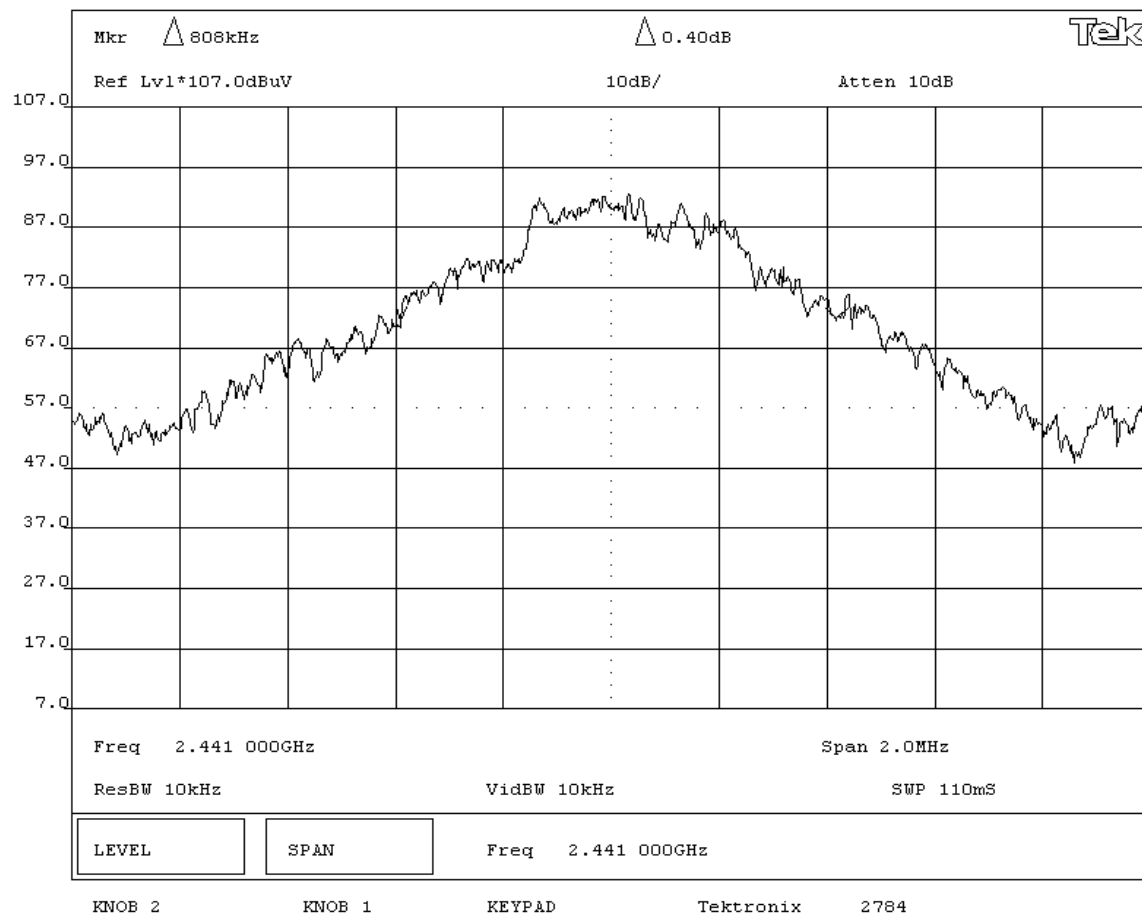
Pass .808 MHz


SIGNATURE

Tested By: 

DESCRIPTION OF TEST

20dB Bandwidth - Mid Channel



NORTHWEST EMC				EMISSIONS DATA SHEET				Rev BETA 01/30/01	
EUT: CopyCam						Work Order: POLV0012			
Serial Number: E0200066						Date: 02/21/02			
Customer: PolyVision Corporation						Temperature: 23 degrees C			
Attendees: Guy Williams				Tested by: Rod Peloquin		Humidity: 38% RH			
Customer Ref. No.: N/A				Power: N/A		Job Site: EV06			
TEST SPECIFICATIONS									
Specification: 47 CFR 15.247(a)(1)(ii)			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									
The maximum 20dB bandwidth of the hopping channel is 1 MHz									
RESULTS									
Pass						BANDWIDTH .744 MHz			
SIGNATURE									
 Tested By: _____									
DESCRIPTION OF TEST									
20dB Bandwidth - High Channel									

