

Exhibit U: Spurious Conducted Emissions

FCC ID: P6I-COPYCAM203

Justification

The individuals and/or the organization requesting the test provided the modes, configurations and settings available to evaluate. While scanning the radiated emissions, 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.

Frequency Range Investigated

Start Frequency

0 MHz

Stop Frequency

25 GHz

Software\Firmware Applied During Test

Exercise software

Special Test Software

Version

3.04

Description

The system was tested using special software developed to test all functions of the device during the test. The software allowed the lowest, middle, and highest channels to be selected.

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 - Bluetooth Radio	Polyvision Corp.	CopyCam	A0200415
Host Device	Polyvision Corp.	CopyCam Arm	A0200415
Controller	Polyvision Corp.	CopyCam Controller	A0200415
Remote notebook PC	Dell	PPL	DPDL3
Remote DSL Router	LinkSys	BEFSR41	C211A052833K
EUT Power Adapter	AULT Inc.	P48151000A050G	0203

Cables

Cable Type	Shield	Length (m)	Ferrite	Connection 1	Connection 2
Cat 5 E-net	No	5.0	No	Host Device	Controller
DC Cable	No	7	Two	Host Device	EUT Power Adapter
Cat 5 E-net	No	8.0	No	Host Device	Remote DSL Router

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(c), in any 100 kHz bandwidth outside the authorized band, the maximum level of radio frequency power must be at least 20dB down from the highest emission level within the authorized band. The measurement is made with the spectrum analyzer's resolution bandwidth set to 100 kHz, and the video bandwidth set to greater than or equal to the resolution bandwidth.

Configuration: The spurious RF conducted emissions were measured with the EUT set to low, medium, and high transmit frequencies. The measurements were 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. For each transmit frequency, the spectrum was scanned throughout the specified frequency range.

Completed by:



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

EUT: CopyCam		Work Order: POLV0019
Serial Number: A0200415		Date: 10/04/02
Customer: Polyvision Corp.		Temperature: 23 degrees C
Attendees: Jeff Traw, Terry Skelton	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(c)	Year: Most Current	Method: DA 00-705, ANSI C63.4	Year: 1992
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SAMPLE CALCULATIONS**COMMENTS****EUT OPERATING MODES**

Modulated by "FFFF" at maximum data rate

DEVIATIONS FROM TEST STANDARD

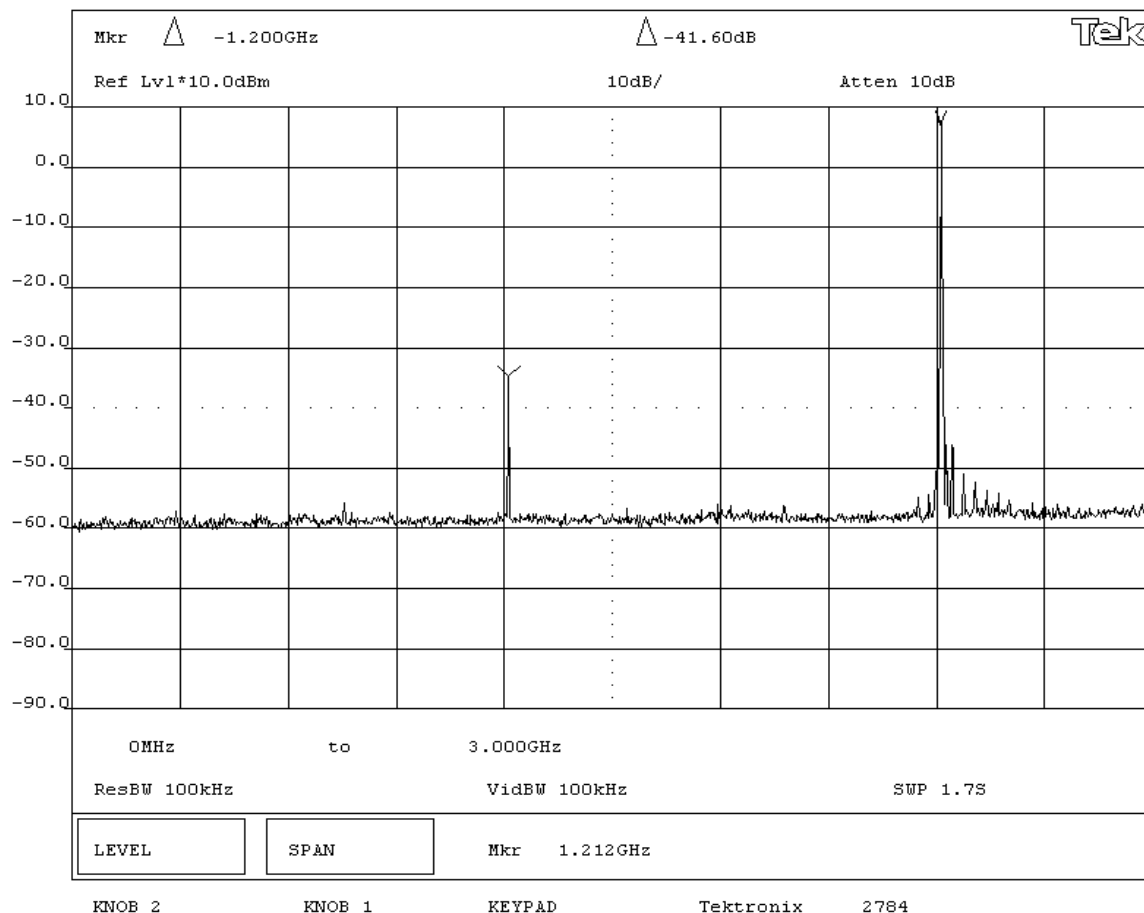
None

REQUIREMENTS

Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental

RESULTS

Pass

SIGNATURETested By: **DESCRIPTION OF TEST****Antenna Conducted Spurious Emissions - Low Channel 0MHz-3GHz**

NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/30/01

EUT: CopyCam				Work Order: POLV0019	
Serial Number: A0200415				Date: 10/04/02	
Customer: Polyvision Corp.				Temperature: 23 degrees C	
Attendees: Jeff Traw, Terry Skelton		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(c)	Year: Most Current	Method: DA 00-705, ANSI C63.4	Year: 1992
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SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES

Modulated by "FFFF" at maximum data rate

DEVIATIONS FROM TEST STANDARD

None

REQUIREMENTS

Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental

RESULTS

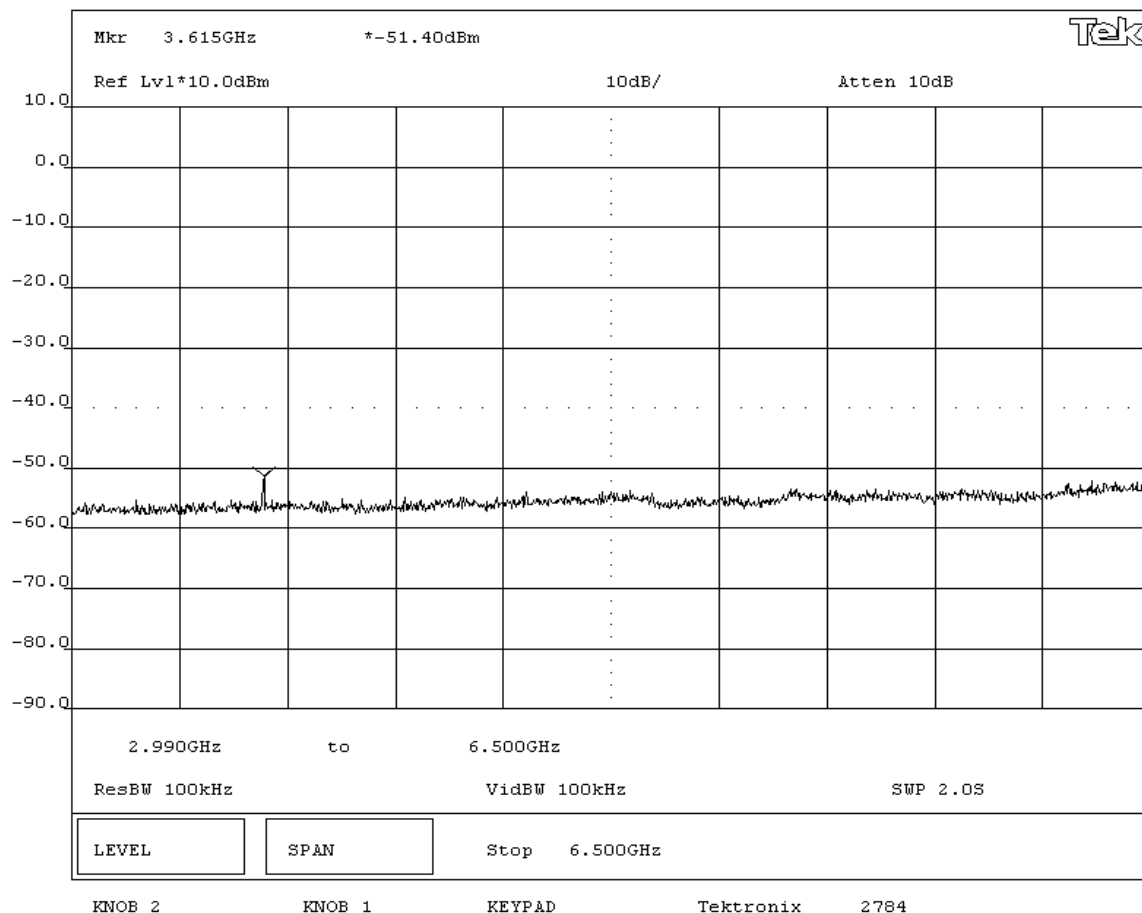
Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST

Antenna Conducted Spurious Emissions - Low Channel 3GHz-6.5GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/30/01

EUT: CopyCam				Work Order: POLV0019	
Serial Number: A0200415				Date: 10/04/02	
Customer: Polyvision Corp.				Temperature: 23 degrees C	
Attendees: Jeff Traw, Terry Skelton		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(c)	Year: Most Current	Method: DA 00-705, ANSI C63.4	Year: 1992
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SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES

Modulated by "FFFF" at maximum data rate

DEVIATIONS FROM TEST STANDARD

None

REQUIREMENTS

Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental

RESULTS

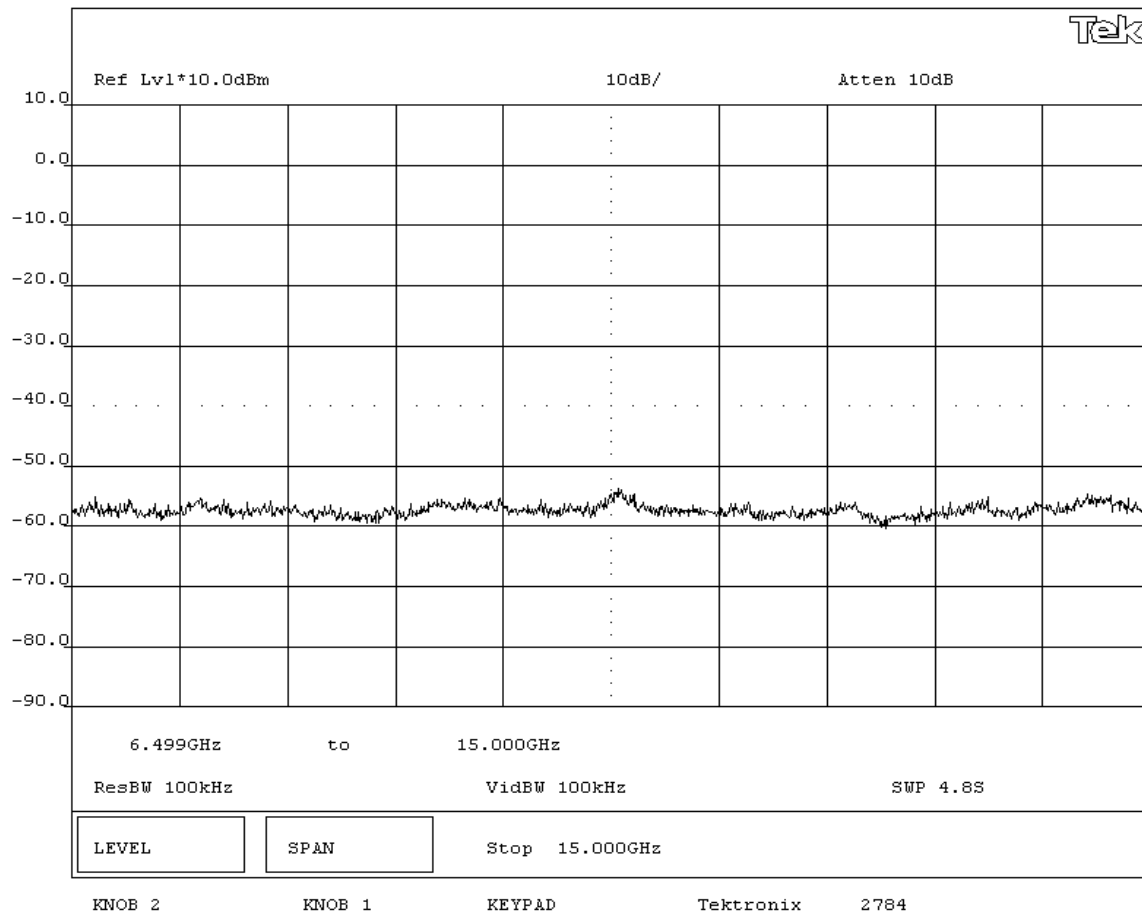
Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST

Antenna Conducted Spurious Emissions - Low Channel 6.5GHz-15GHz



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

EUT: CopyCam			Work Order: POLV0019		
Serial Number: A0200415			Date: 10/04/02		
Customer: Polyvision Corp.			Temperature: 23 degrees C		
Attendees: Jeff Traw, Terry Skelton		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(c)	Year: Most Current	Method: DA 00-705, ANSI C63.4	Year: 1992
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SAMPLE CALCULATIONS**COMMENTS****EUT OPERATING MODES**

Modulated by "FFFF" at maximum data rate

DEVIATIONS FROM TEST STANDARD

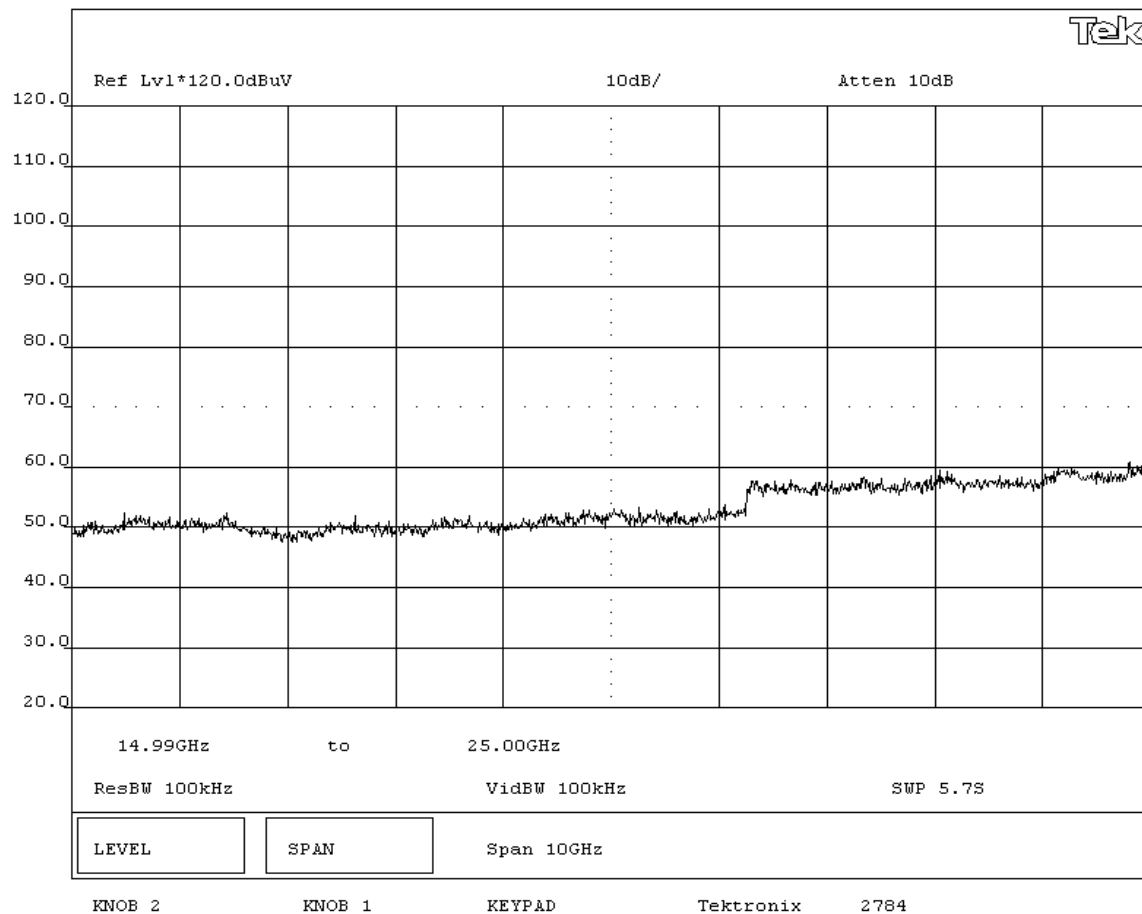
None

REQUIREMENTS

Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental

RESULTS

Pass

SIGNATURETested By: **DESCRIPTION OF TEST****Antenna Conducted Spurious Emissions - Low Channel 15GHz - 25GHz**

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

EUT: CopyCam			Work Order: POLV0019		
Serial Number: A0200415			Date: 10/04/02		
Customer: Polyvision Corp.			Temperature: 23 degrees C		
Attendees: Jeff Traw, Terry Skelton		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(c)	Year: Most Current	Method: DA 00-705, ANSI C63.4	Year: 1992
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SAMPLE CALCULATIONS**COMMENTS****EUT OPERATING MODES**

Modulated by "FFFF" at maximum data rate

DEVIATIONS FROM TEST STANDARD

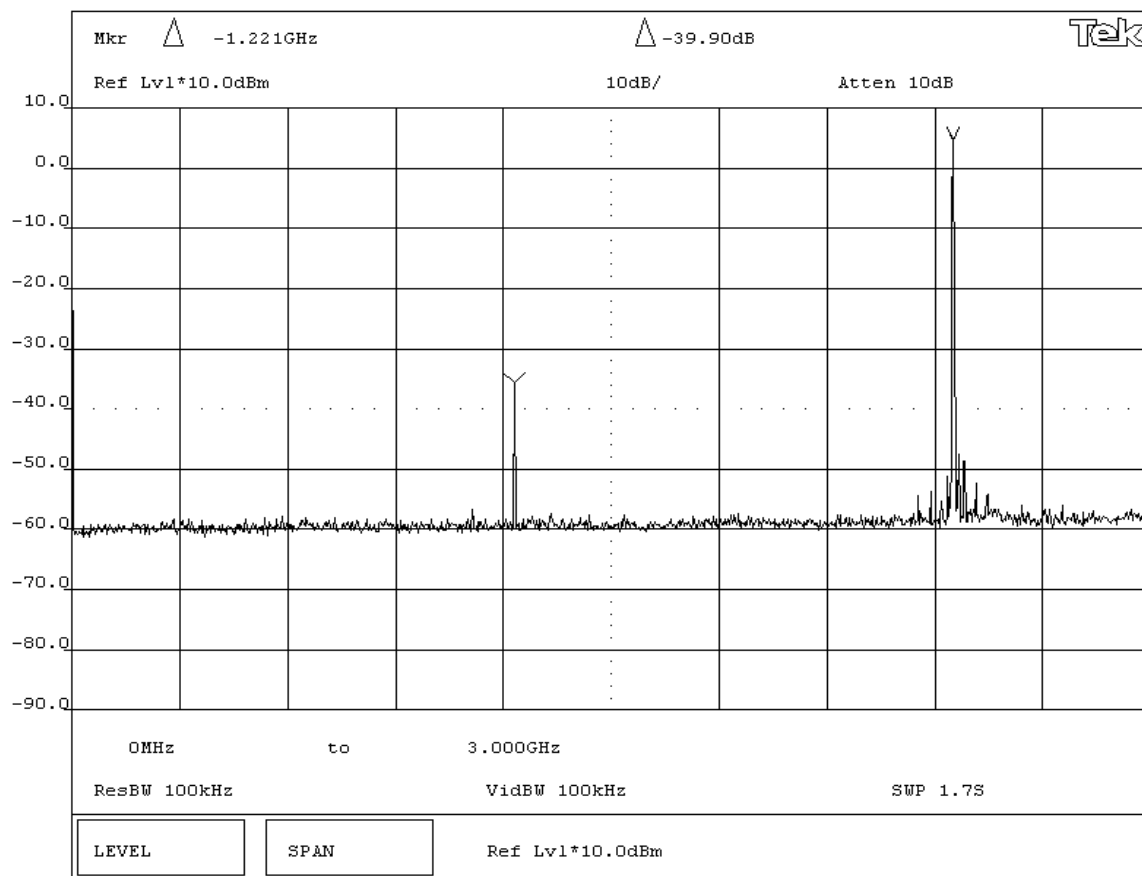
None

REQUIREMENTS

Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental

RESULTS

Pass

SIGNATURETested By: **DESCRIPTION OF TEST****Antenna Conducted Spurious Emissions - Mid Channel 0MHz-3GHz**

KNOB 2

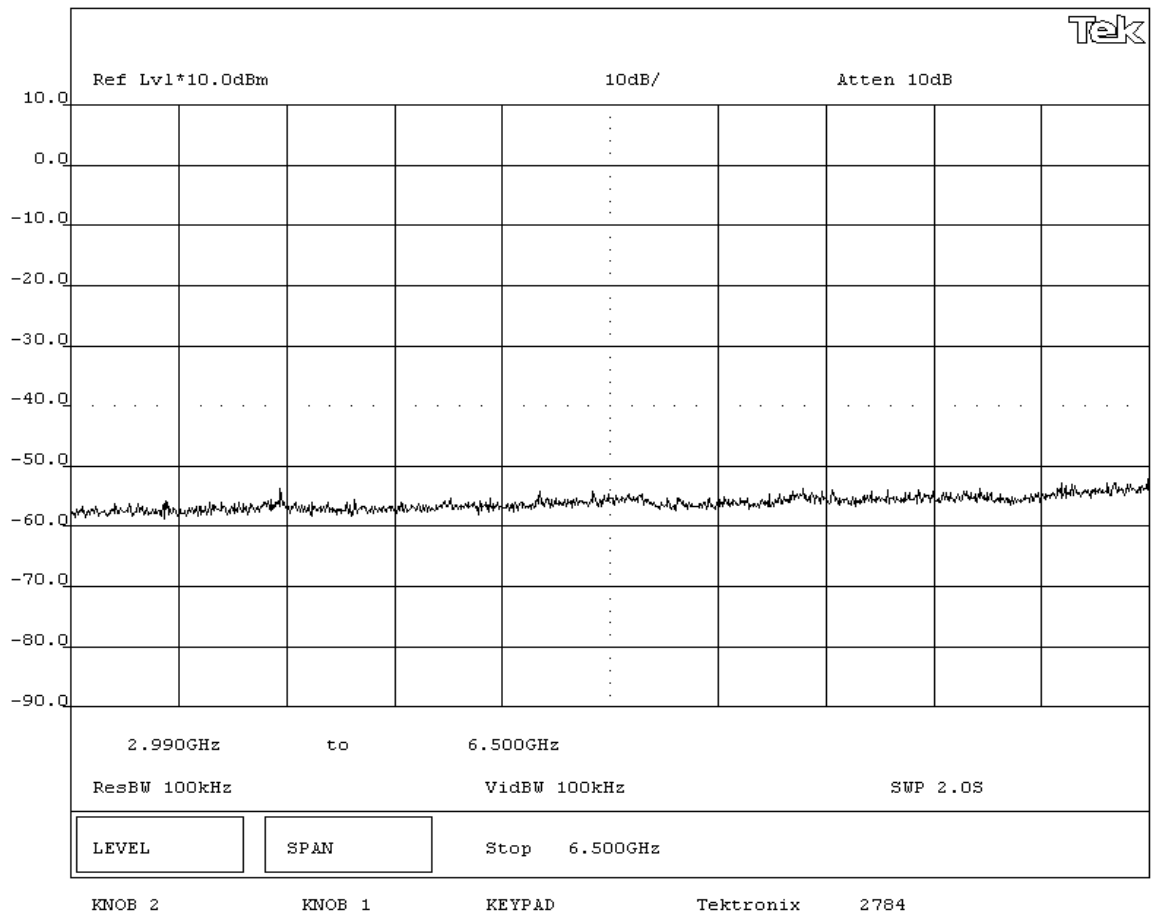
KNOB 1

KEYPAD

Tektronix

2784

NORTHWEST EMC		EMISSIONS DATA SHEET		Rev BETA 01/30/01	
EUT: CopyCam			Work Order: POLV0019		
Serial Number: A0200415			Date: 10/04/02		
Customer: Polyvision Corp.			Temperature: 23 degrees C		
Attendees: Jeff Traw, Terry Skelton		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(c)		Year: Most Current		Method: DA 00-705, ANSI C63.4	
				Year: 1992	
SAMPLE CALCULATIONS					
COMMENTS					
EUT OPERATING MODES					
Modulated by "FFFF" at maximum data rate					
DEVIATIONS FROM TEST STANDARD					
None					
REQUIREMENTS					
Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental					
RESULTS					
Pass					
SIGNATURE					
 Tested By: _____					
DESCRIPTION OF TEST					
Antenna Conducted Spurious Emissions - Mid Channel 3GHz-6.5GHz					



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

EUT: CopyCam				Work Order: POLV0019	
Serial Number: A0200415				Date: 10/04/02	
Customer: Polyvision Corp.				Temperature: 23 degrees C	
Attendees: Jeff Traw, Terry Skelton		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(c)	Year: Most Current	Method: DA 00-705, ANSI C63.4	Year: 1992
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SAMPLE CALCULATIONS**COMMENTS****EUT OPERATING MODES**

Modulated by "FFFF" at maximum data rate

DEVIATIONS FROM TEST STANDARD

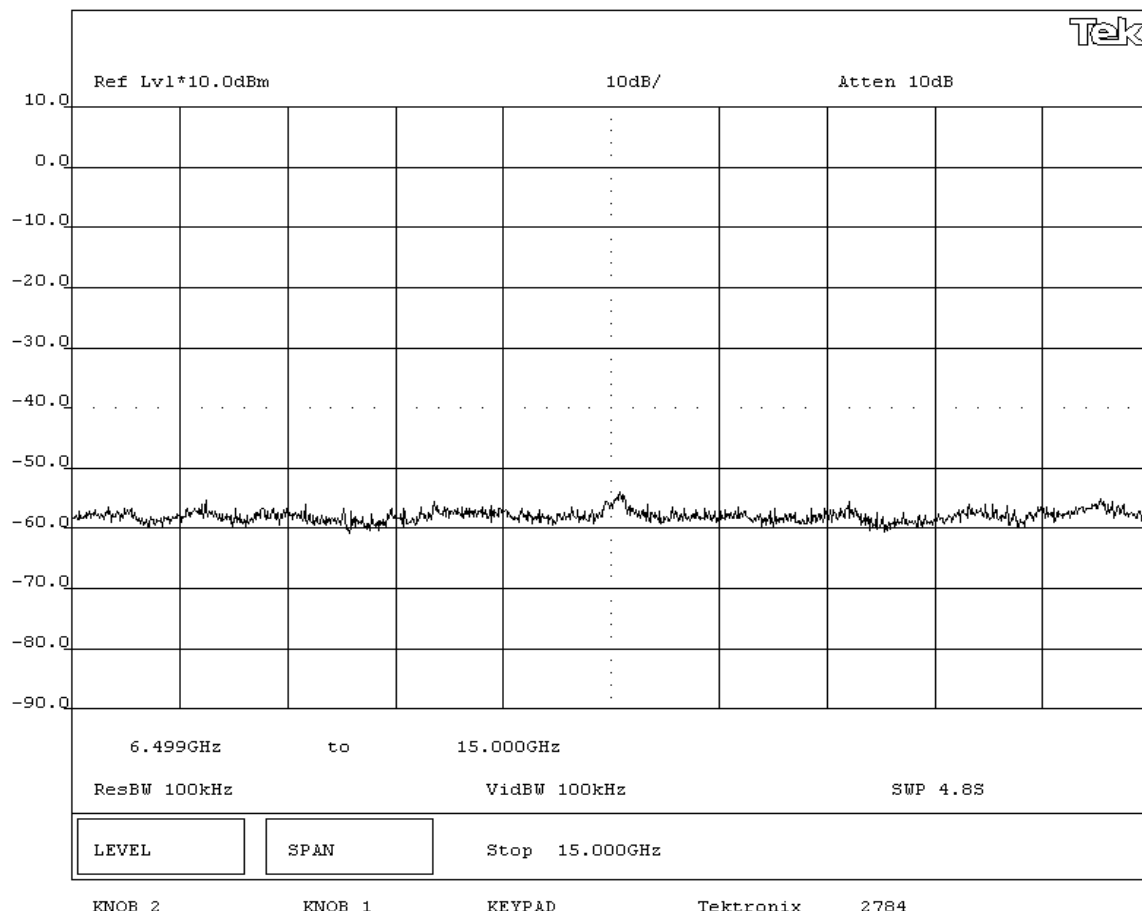
None

REQUIREMENTS

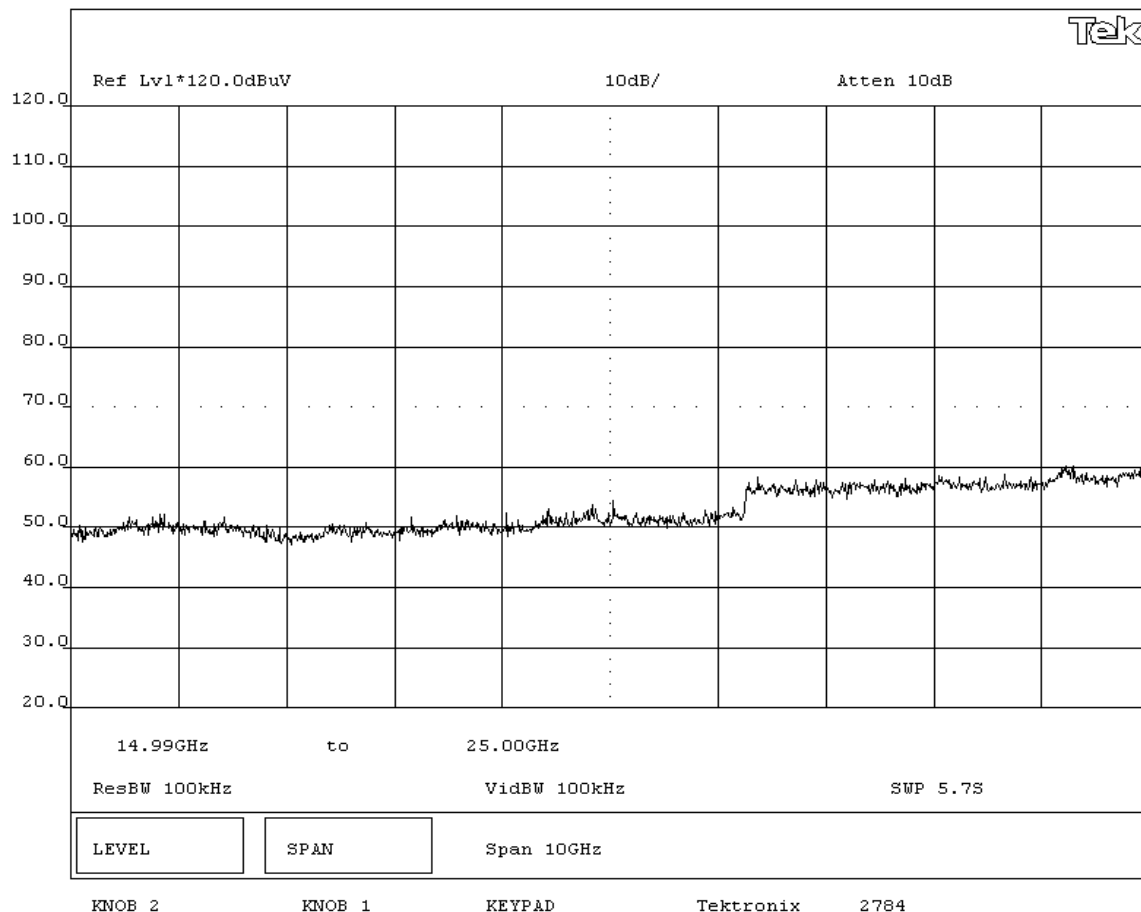
Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental

RESULTS

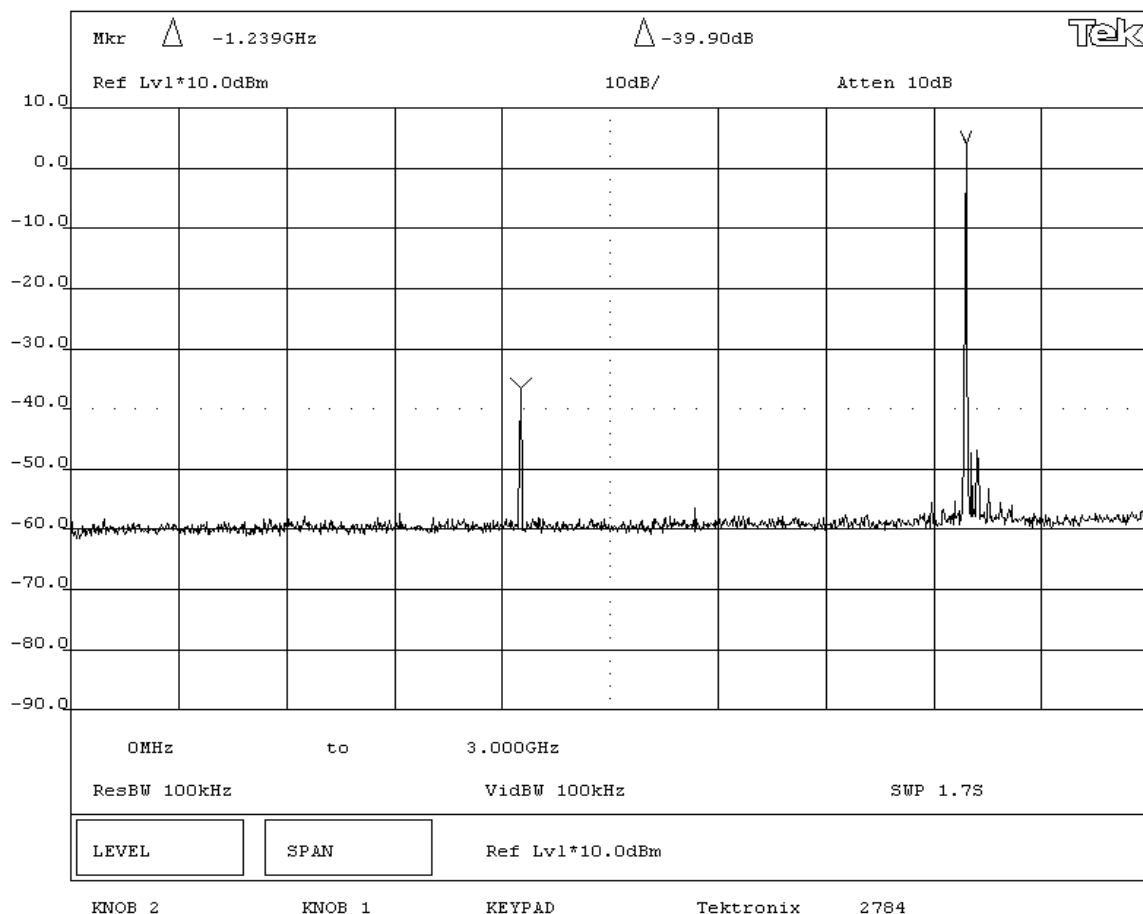
Pass

SIGNATURETested By: **DESCRIPTION OF TEST****Antenna Conducted Spurious Emissions - Mid Channel 6.5GHz-15GHz**

NORTHWEST EMC		EMISSIONS DATA SHEET		Rev BETA 01/30/01	
EUT: CopyCam			Work Order: POLV0019		
Serial Number: A0200415			Date: 10/04/02		
Customer: Polyvision Corp.			Temperature: 23 degrees C		
Attendees: Jeff Traw, Terry Skelton		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(c)		Year: Most Current	Method: DA 00-705, ANSI C63.4		Year: 1992
SAMPLE CALCULATIONS					
COMMENTS					
EUT OPERATING MODES					
Modulated by "FFFF" at maximum data rate					
DEVIATIONS FROM TEST STANDARD					
None					
REQUIREMENTS					
Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental					
RESULTS					
Pass					
SIGNATURE					
 Tested By: _____					
DESCRIPTION OF TEST					
Antenna Conducted Spurious Emissions - Mid Channel 15GHz-25GHz					



NORTHWEST EMC		EMISSIONS DATA SHEET		Rev BETA 01/30/01	
EUT: CopyCam			Work Order: POLV0019		
Serial Number: A0200415			Date: 10/04/02		
Customer: Polyvision Corp.			Temperature: 23 degrees C		
Attendees: Jeff Traw, Terry Skelton		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(c)		Year: Most Current	Method: DA 00-705, ANSI C63.4		Year: 1992
SAMPLE CALCULATIONS					
COMMENTS					
EUT OPERATING MODES					
Modulated by "FFFF" at maximum data rate					
DEVIATIONS FROM TEST STANDARD					
None					
REQUIREMENTS					
Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental					
RESULTS					
Pass					
SIGNATURE					
 Tested By: _____					
DESCRIPTION OF TEST					
Antenna Conducted Spurious Emissions - High Channel 0MHz-3GHz					



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/30/01

EUT: CopyCam				Work Order: POLV0019	
Serial Number: A0200415				Date: 10/04/02	
Customer: Polyvision Corp.				Temperature: 23 degrees C	
Attendees: Jeff Traw, Terry Skelton		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(c)	Year: Most Current	Method: DA 00-705, ANSI C63.4	Year: 1992
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SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES

Modulated by "FFFF" at maximum data rate

DEVIATIONS FROM TEST STANDARD

None

REQUIREMENTS

Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental

RESULTS

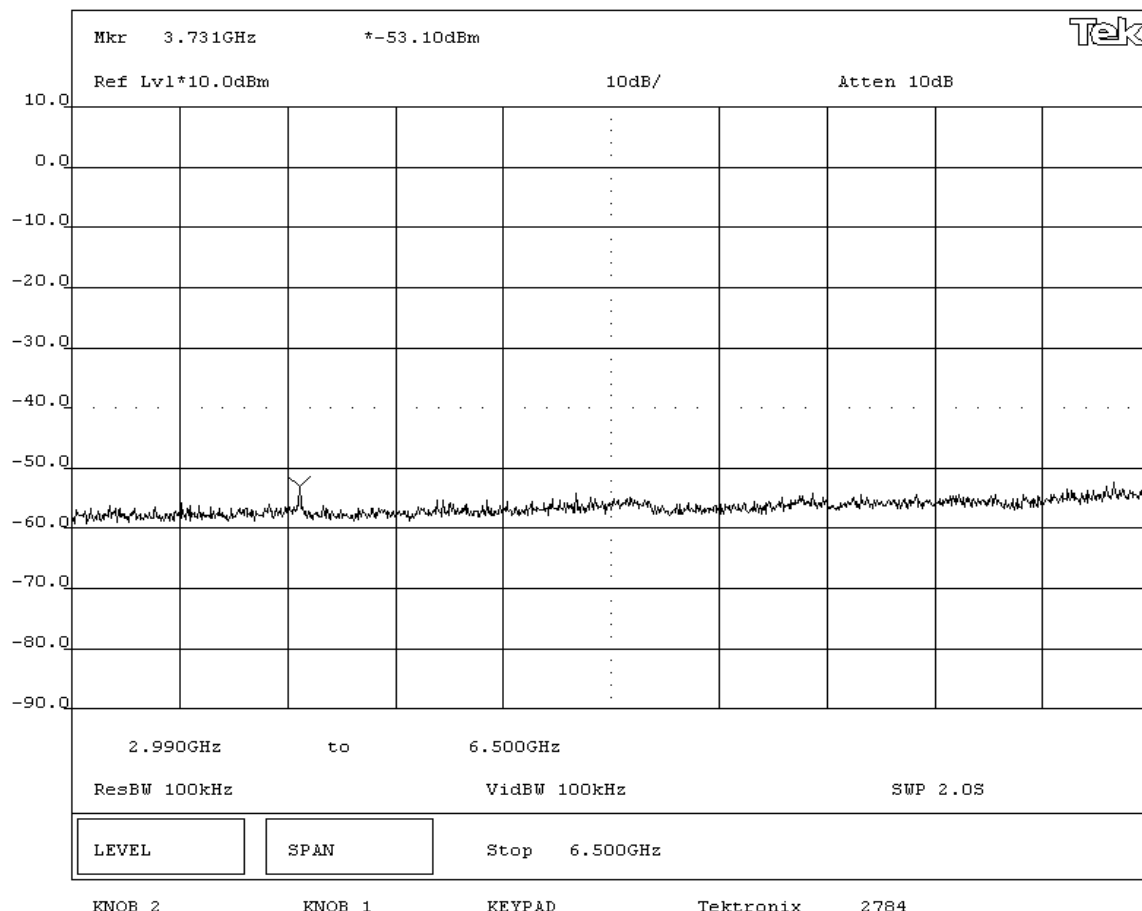
Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST

Antenna Conducted Spurious Emissions - High Channel 3GHz-6.5GHz



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

EUT:	CopyCam			Work Order:	POLV0019	
Serial Number:	A0200415			Date:	10/04/02	
Customer:	Polyvision Corp.			Temperature:	23 degrees C	
Attendees:	Jeff Traw, Terry Skelton		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(c)	Year: Most Current	Method: DA 00-705, ANSI C63.4	Year: 1992
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SAMPLE CALCULATIONS**COMMENTS****EUT OPERATING MODES**

Modulated by "FFFF" at maximum data rate

DEVIATIONS FROM TEST STANDARD

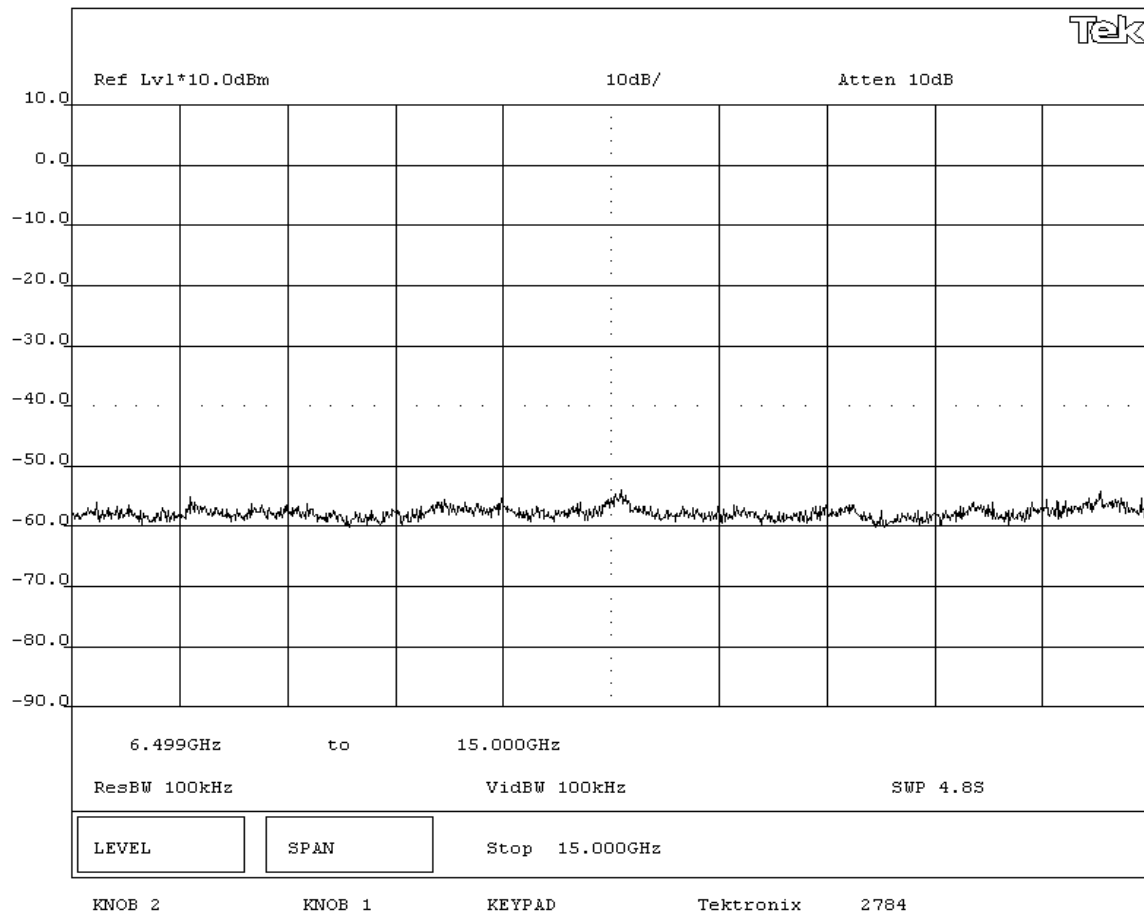
None

REQUIREMENTS

Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental

RESULTS

Pass

SIGNATURETested By: **DESCRIPTION OF TEST****Antenna Conducted Spurious Emissions - High Channel 6.5GHz-15GHz**

NORTHWEST EMC		EMISSIONS DATA SHEET		Rev BETA 01/30/01	
EUT: CopyCam				Work Order: POLV0019	
Serial Number: A0200415				Date: 10/04/02	
Customer: Polyvision Corp.				Temperature: 23 degrees C	
Attendees: Jeff Traw, Terry Skelton		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(c)		Year: Most Current		Method: DA 00-705, ANSI C63.4	
				Year: 1992	
SAMPLE CALCULATIONS					
COMMENTS					
EUT OPERATING MODES					
Modulated by "FFFF" at maximum data rate					
DEVIATIONS FROM TEST STANDARD					
None					
REQUIREMENTS					
Maximum level of any spurious emission outside of the authorized band is 20 dB down from the fundamental					
RESULTS					
Pass					
SIGNATURE					
 Tested By: _____					
DESCRIPTION OF TEST					
Antenna Conducted Spurious Emissions - High Channel 15GHz-25GHz					

