CERTIFICATION TEST REPORT

FOR THE

MICROWAVE VIDEO TRANSMITTER MODULES,
TX888MOD-P+/TX888MODMOD-O/TX888MOD-P

FCC PART 90
COMPLIANCE

DATE OF ISSUE: OCTOBER 8, 1999

PREPARED FOR:

Advanced Electronics Group, Inc.
12530 Beatrice Street
Los Angeles, CA 90066
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P.O. No: Check
W.O. No: 72515

Report No: FC99-032

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Date of test: September 13-17 & 20, 1999

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ADMINISTRATIVE INFORMATION

DATE OF TEST:	Date of test: September 13-17 & 20, 1999
PURPOSE OF TEST:	To demonstrate the compliance of the Microwave Video Transmitter Modules, TX888MOD-P+/TX888MODMOD-O/ TX888MOD-P with the requirements for FCC Part 90 devices.
MANUFACTURER:	Advanced Electronics Group, Inc. 12530 Beatrice Street Los Angeles, CA 90066 (P.O. Box 642057 Los Angeles, CA 90064)
REPRESENTATIVE:	Richard Hirsch
TEST LOCATION:	CKC Laboratories, Inc. 22105 Wilson River Hwy Tillamook, OR 97141
TEST PERSONNEL:	Kevin Daniel & Adam Ross
TEST METHOD:	FCC Part 2 and Part 90

EQUIPMENT UNDER TEST:

Microwave Video Transmitter Module

Manuf:	Advanced Electronics Group, Inc.
Model:	TX888MOD-P+
Serial:	3001-P+
FCC ID:	(pending)

Microwave Video Transmitter Module

Manuf:	Advanced Electronics Group, Inc.
Model:	TX888MOD-O
Serial:	1001-O
FCC ID:	(pending)

Microwave Video Transmitter Module

Manuf:	Advanced Electronics Group, Inc.
Model:	TX888MOD-P
Serial:	1001-P
FCC ID:	(pending)

SUMMARY OF RESULTS

The Microwave Video Transmitter Module, TX888MOD-P+/TX888MODMOD-O/ TX888MOD-P was tested in accordance with FCC Part 90 for compliance with the transmitter characteristic requirements of the FCC Rules.

As received, the above equipment was found to be fully compliant with the limits of FCC Part 90.

EQUIPMENT UNDER TEST (EUT) DESCRIPTION

Microwave Video Transmitter Modules, 2.473 GHz, for transmitting video and audio signals for use primarily by Law Enforcement agencies in Security/Surveillance applications.

MEASUREMENT UNCERTAINTY

Associated with data in this report is a ±4dB measurement uncertainty.

PERIPHERAL DEVICES

The EUT was tested with the following peripheral device:

Power Supply (12 VCD, 400 mA)
Manuf: RF Link Technology
Model: LPS-1240
Serial: None
FCC ID: N/A

2.1033(c)(4) – Type(s) of Emissions

65MO F8W

2.1033(c)(5) – Frequency Range

2473 MHz ± 10 MHz

2.1033(c)(6) –Range of Operating Power

.000022W - .041W. Operating power level is fixed in all three modules. There is no means for variation within either module.

2.1033(c)(7) – Maximum Power Rating

Worst case module was the TX888MOD-P+, at .041W.

2.1033(c)(8) - DC Voltages

All modules accept 12 VDC input. Actual voltage draw is 8.6 volts ± 10%. The TX888MOD-P & TX888MOD-O draws 160mA. The TX88MOD-P+ draws 220mA.

2.1033(c)(9) – Tune-Up Procedure

Modules are received from the original manufacturer, RF Link Technology, pre-tuned and require no special tuning during modification by Advanced Electronics Group, Inc., or by the end user.

2.1033(c)(10) – Frequency Stabilization, Modulation, & Spurious Radiation

Original schematics for pre-modified modules are on file with the FCC under FCC ID#: MFEMODTX24-01 (RF Link Technology). The portion of the original transmitter modules that have been modified to boost power by Advance Electronics Group, Inc. (causing the need to resubmit for a new FCC ID#) will be uploaded to the FCC via the "Add Attachments" process.

2.1033(c)(13) – Description of Modulation

Not applicable to this unit.

2.1033(c)(14)/2.1046/90.210- RF Power Output

Test Data: (ERP or EIRP)

Power Output = InvLog(dBuV-107/10)
InvLog(123.2dBuV-107/10)
InvLog(1.62)
Power Output = **41.6869mWatts**

Spec Limit Per 90.205(l)
Maximum Output Power = 5 Watts

Test Data:

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**fcc90.210**		
Work Order #:	**72515**	Date:	Fri Sep-17-1999
Test Type:	**Maximized Emissions**	Time:	12:04:23
Equipment:	**Video Audio Transmitter**	Sequence#:	19
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-P+		
S/N:	SMA		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-P+	SMA

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by frequency. Test Distance: None

#	Freq MHz	Rdng dBµV	dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	2466.400M	99.3					+0.0	99.3	144.0	-44.7	None
									Peak unmodulated low audio carrier		
2	2479.000M	99.3					+0.0	99.3	144.0	-44.7	None
									Peak unmodulated hi audio carrier		

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. The camera is providing modulation of the video carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by frequency. Test Distance: None

#	Freq MHz	Rdng dBµV	dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	2472.650M	123.2					+0.0	123.2	144.0	-20.8	None
									unmodulated video carrier		

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**Fcc90.210**		
Work Order #:	**72515**	Date:	Fri Sep-17-1999
Test Type:	**Maximized Emissions**	Time:	10:32:56
Equipment:	**Video Audio Transmitter**	Sequence#:	16
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-O		
S/N:	None		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-O	none

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by frequency. Test Distance: None

#	Freq MHz	Rdng DBµV	dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	2466.450M	90.7					+0.0	90.7	144.0	-53.3	None
									Peak unmodulated low audio carrier		
2	2479.050M	90.5					+0.0	90.5	144.0	-53.5	None
									Peak unmodulated hi audio carrier		

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. The camera is providing modulation of the video carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by frequency. Test Distance: None

#	Freq MHz	Rdng DBµV	dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	2472.670M	111.5					+0.0	111.5	144.0	-32.5	None
									unmodulated video carrier		

Photo Of Test Setup Used for RF Power Measurement:

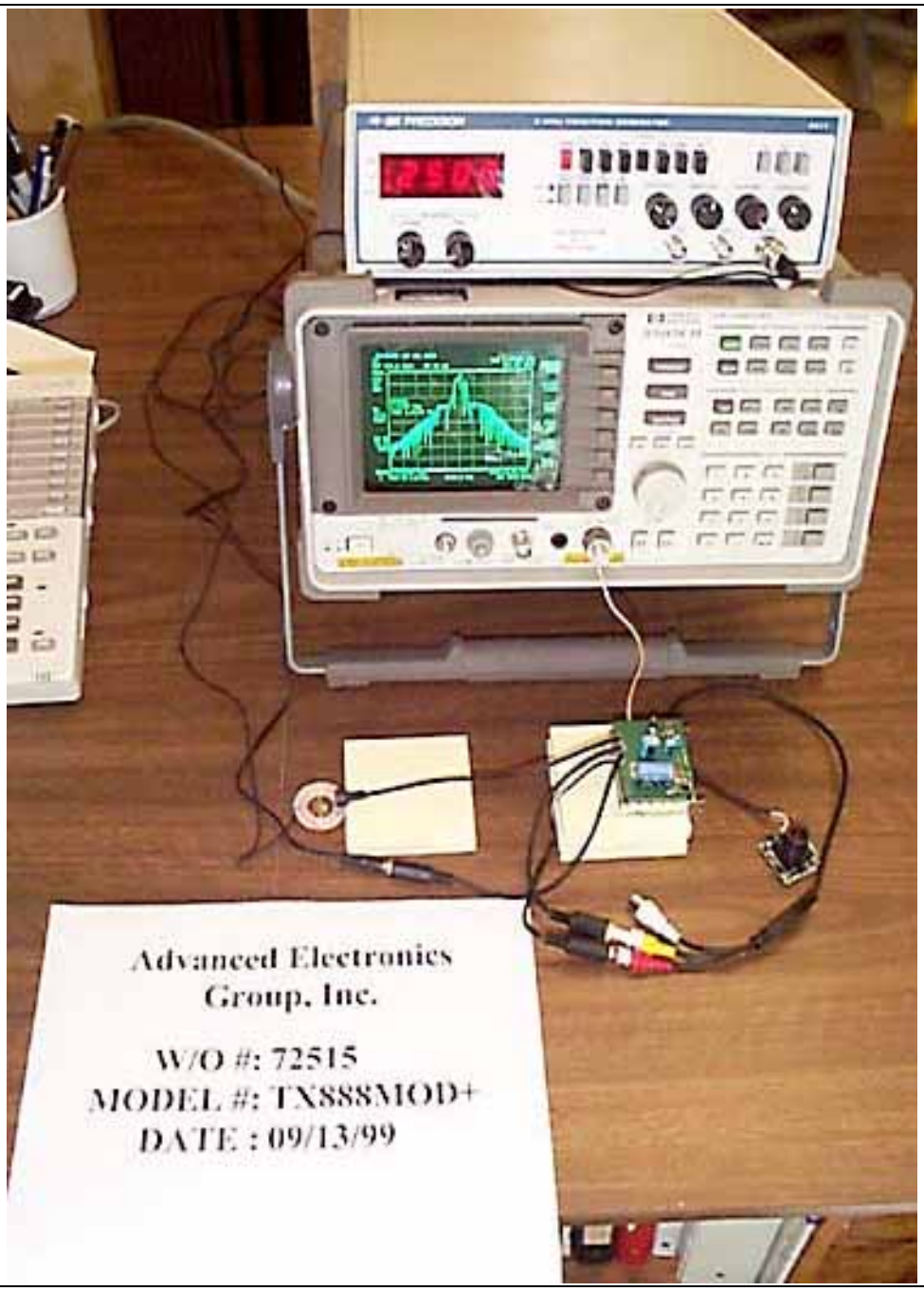


Photo Of Test Setup Used for RF Power Measurement:

Test Equipment Used:

Function	S/N	Calibration Date	Cal Due Date	Asset #
HP 8574A	3010A01076	07/15/1999	07/15/2000	0
HP 8593EM	3624A00159	10/12/1998	10/12/1999	2111
HP 8447D	2727A05392	02/23/1999	02/23/2000	10
HP 83017A	3123A00321	10/26/1998	10/26/1999	2114
Chase CBL6111C	2455	08/30/1999	08/30/2000	1992
EMCO 3115	9006-3414	02/24/1999	02/24/2000	327
EMCO 3301B	9101-3083	06/30/1999	06/30/2000	0
HP 84125-80008	961178-006	01/13/1999	01/13/2000	0
Cable 125 ft.	n/a	02/04/1999	02/04/2000	2086
Cable 10 ft.	n/a	02/05/1999	02/05/2000	1016
Fischer LISN	none	01/13/1999	01/13/2000	14
Fischer LISN	none	01/13/1999	01/13/2000	13

2.1033(c)(14)/2.1047(a) - MODULATION CHARACTERISTICS – Audio Frequency Response

Not applicable to this unit.

2.1033(c)(14)/2.1047(b) - MODULATION CHARACTERISTICS – Modulation Limiting Response

Not applicable to this unit.

2.1033(c)(14)/2.1049(i) - OCCUPIED BANDWIDTH

Test Conditions for Video Signal:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. The camera is providing modulation of the video carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Test Conditions for Audio Signal:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

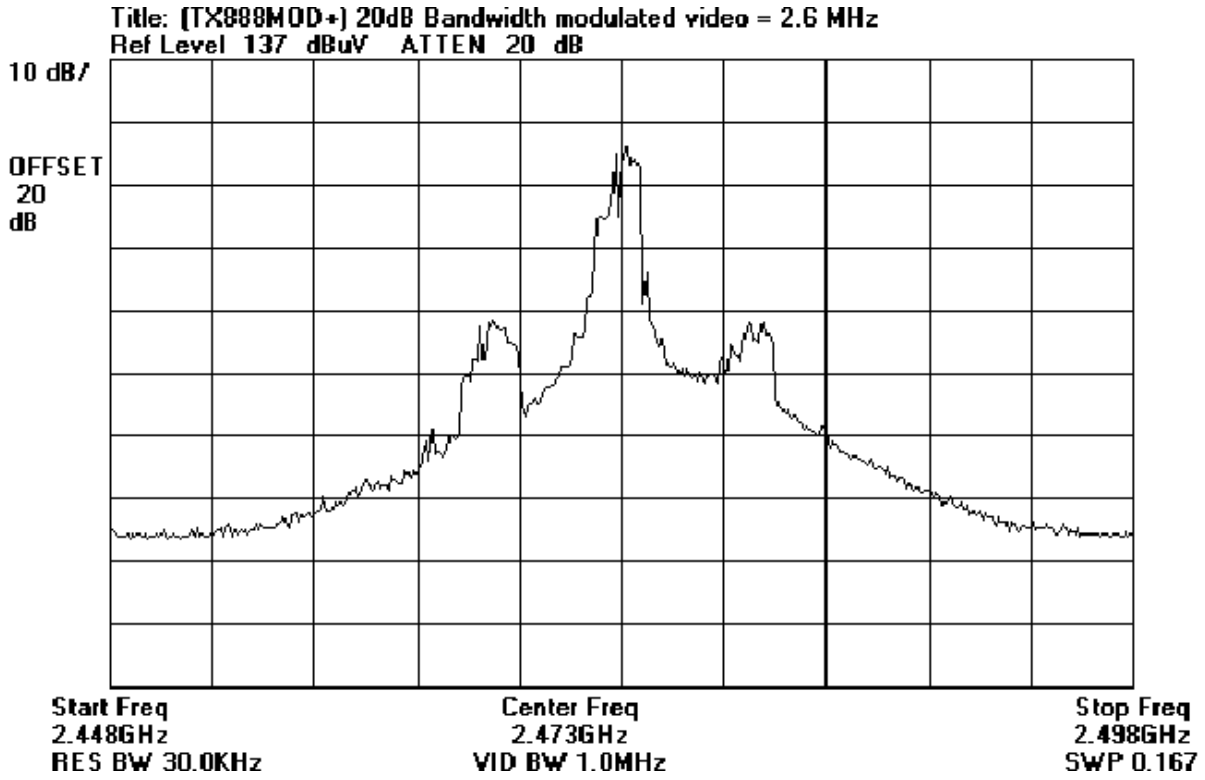
Test Setup:

Same test setup as for 2.1033(c)(14)/2.1046/90.210 - RF Power Output. See photographs on pages 9 & 10.

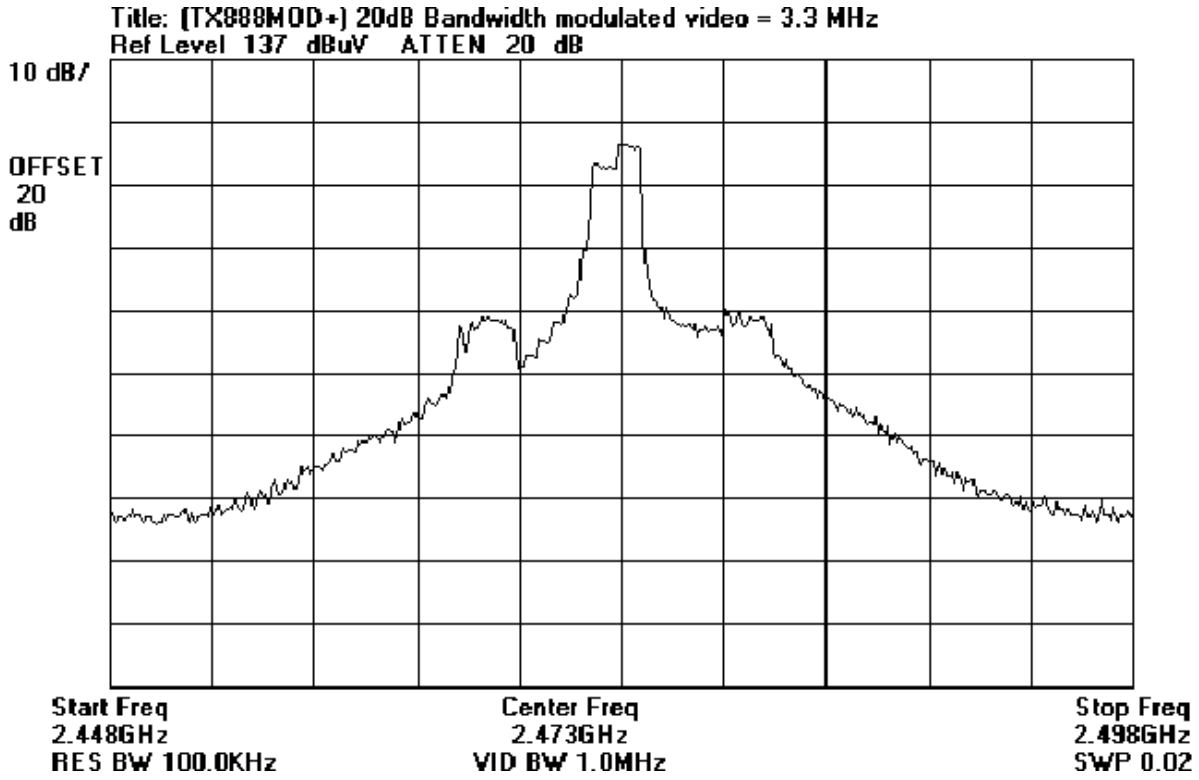
Test Equipment Used:

Function	S/N	Calibration Date	Cal Due Date	Asset #
HP 8593EM	3624A00159	10/12/1998	10/12/1999	2111

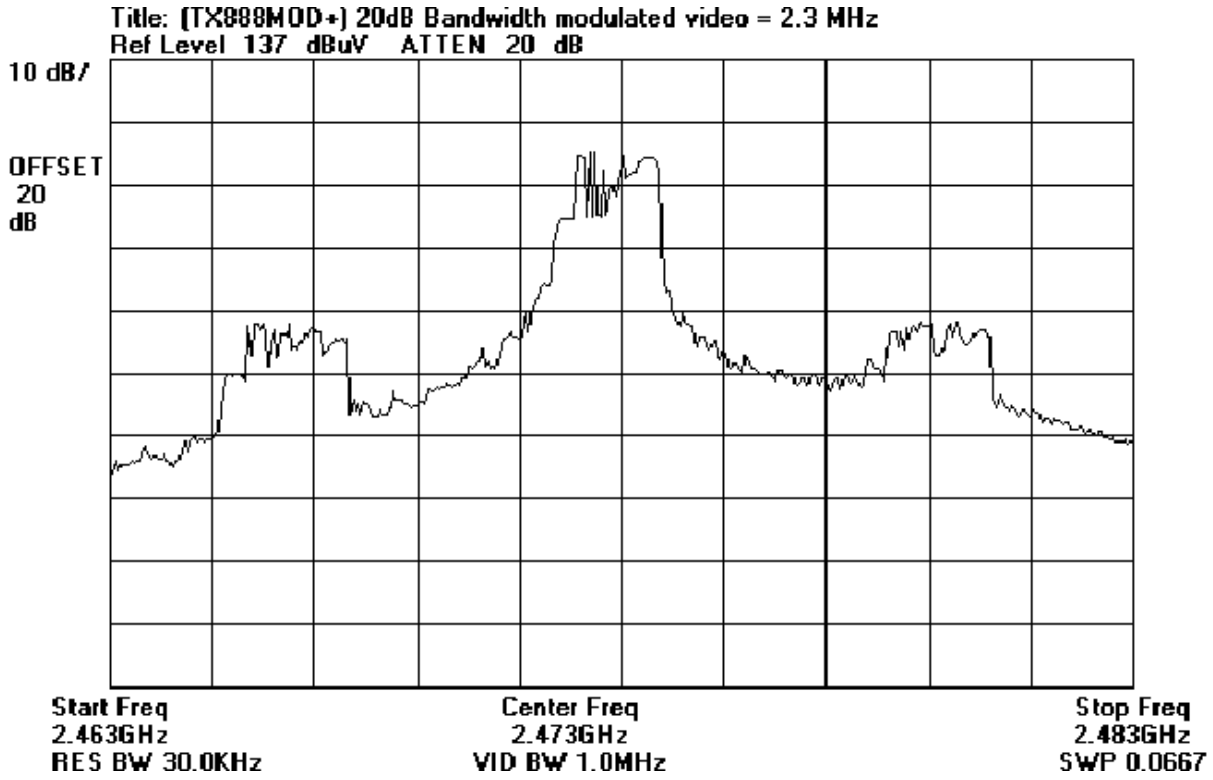
Occupied Bandwidth Plot



Occupied Bandwidth Plot



Occupied Bandwidth Plot



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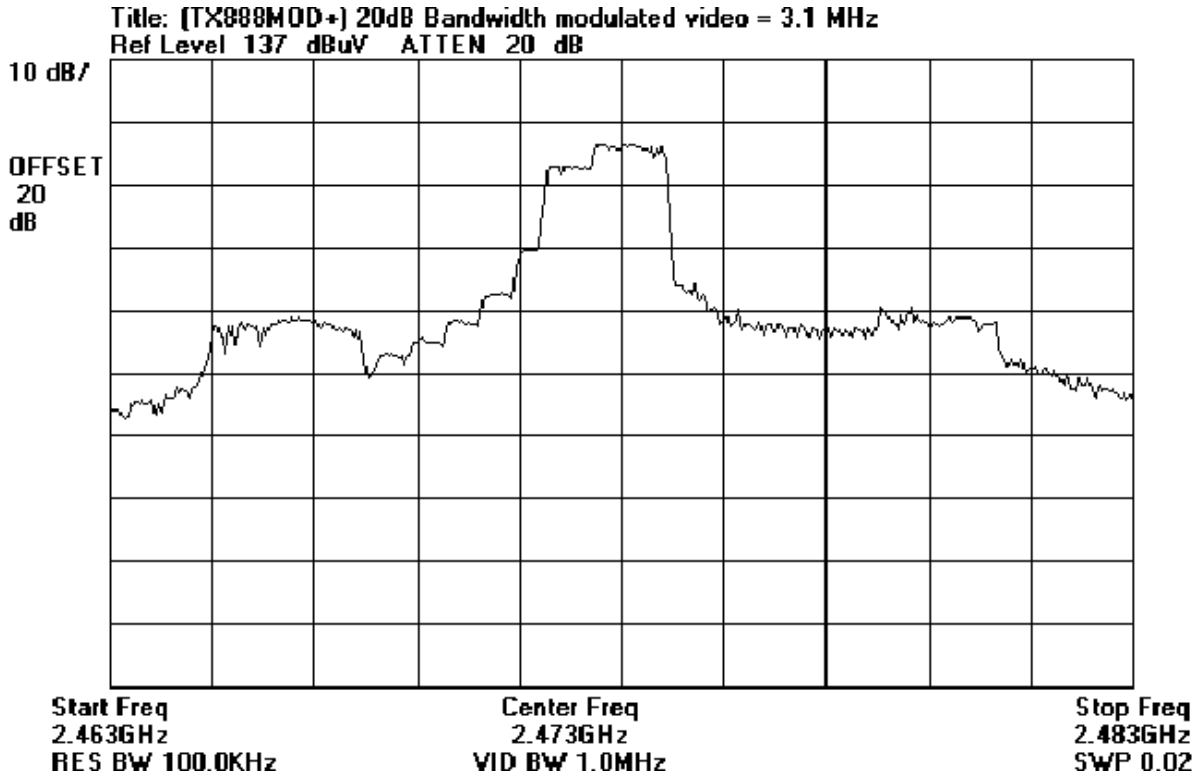

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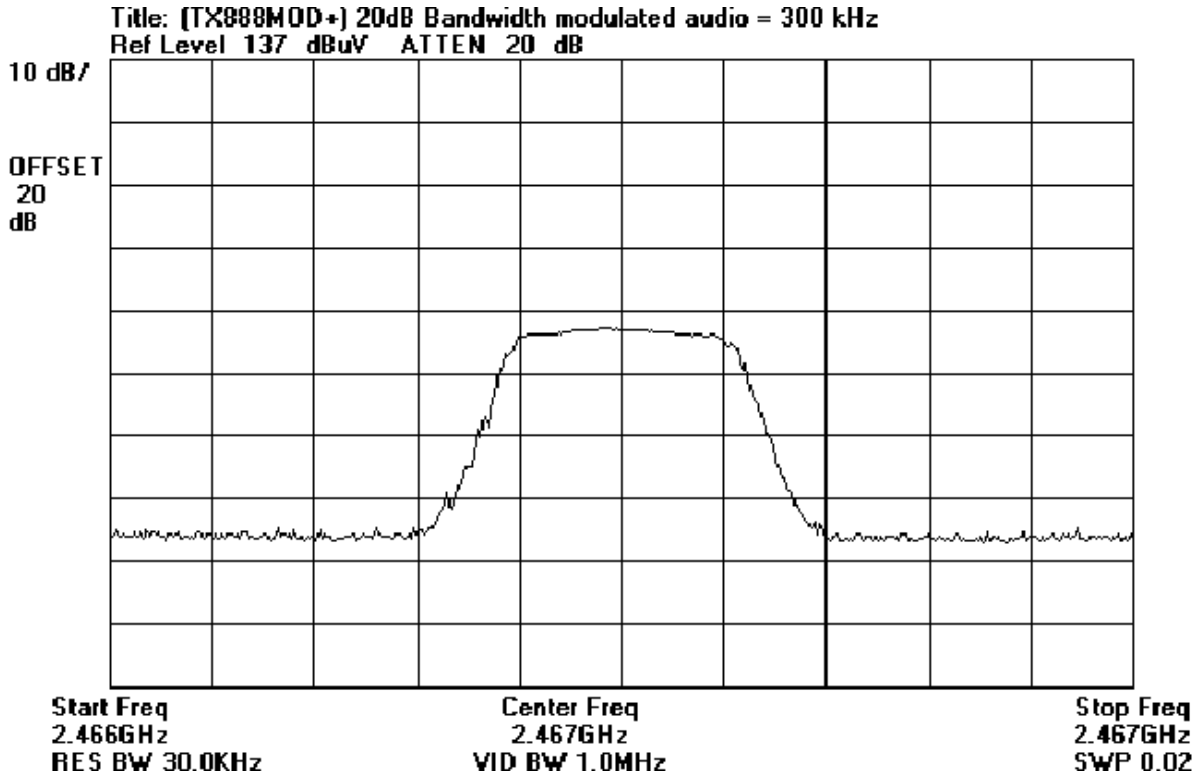

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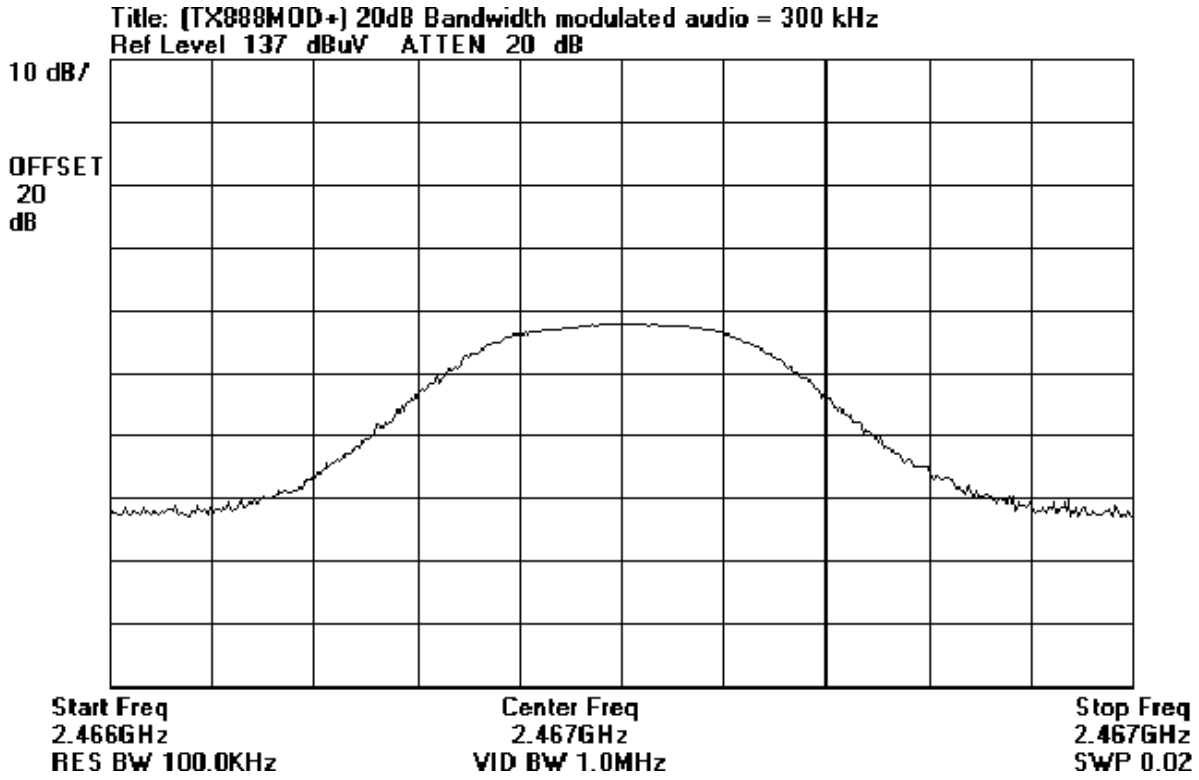

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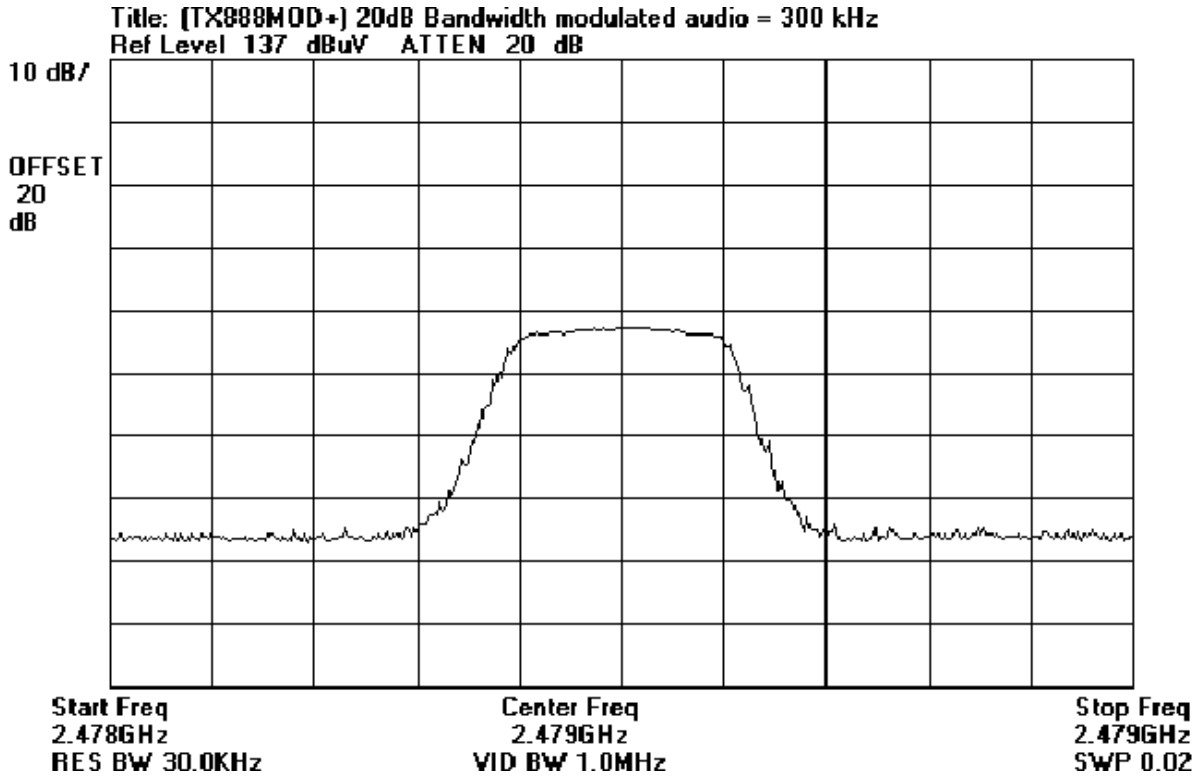

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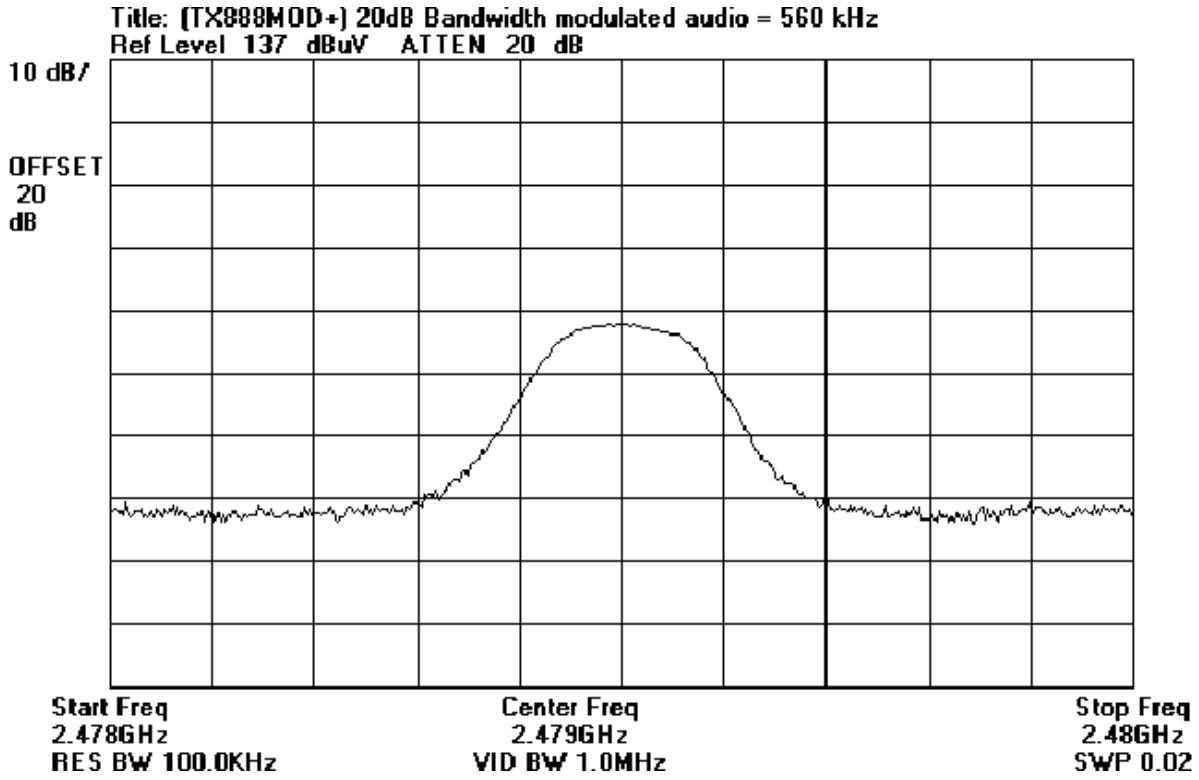

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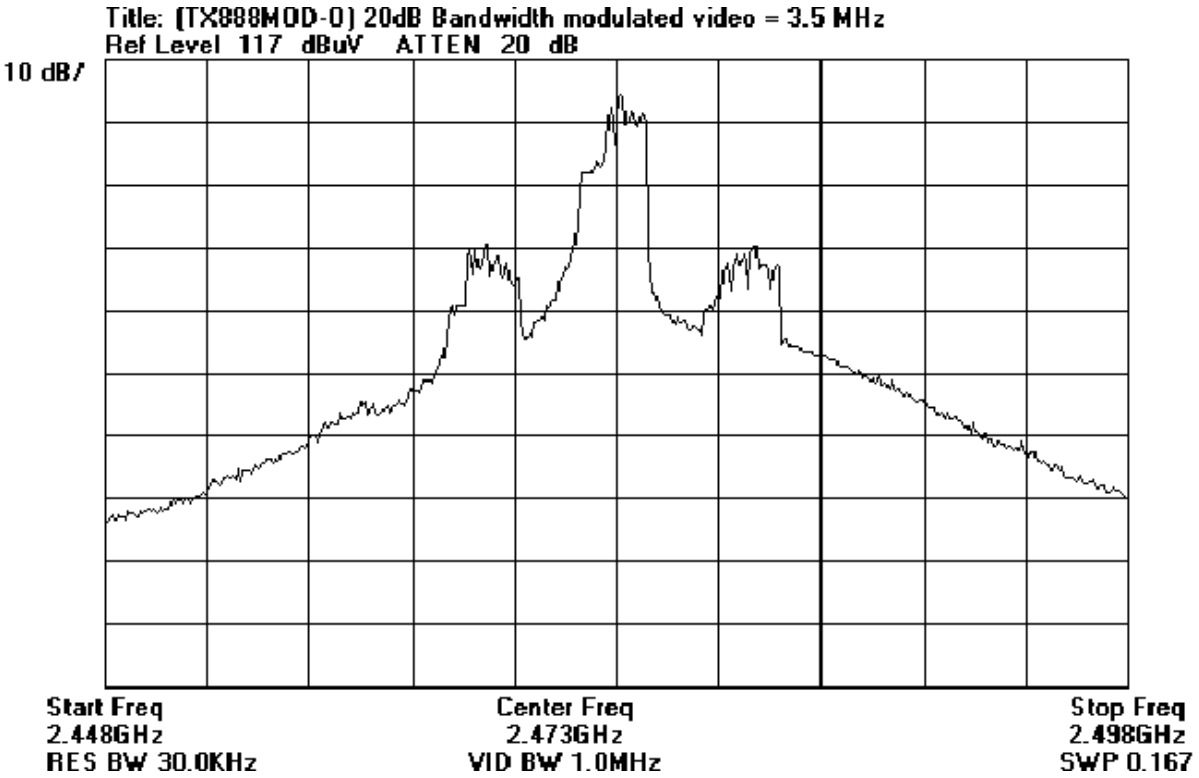

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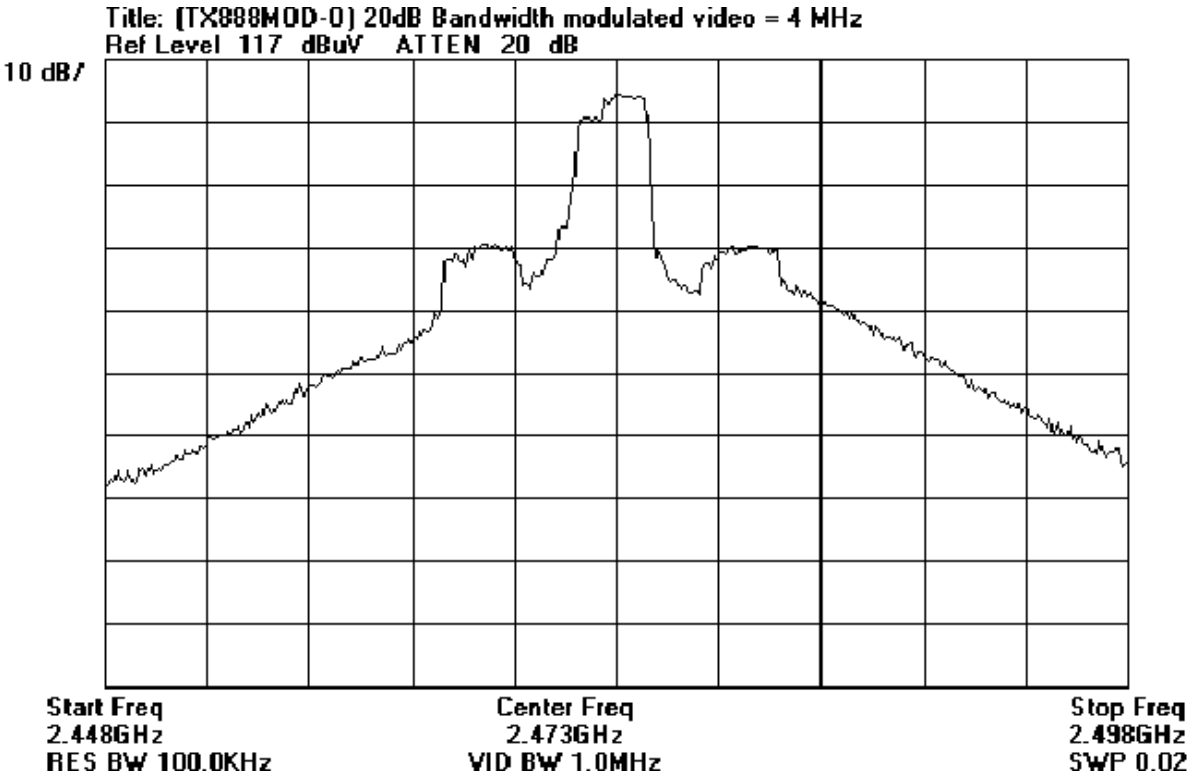

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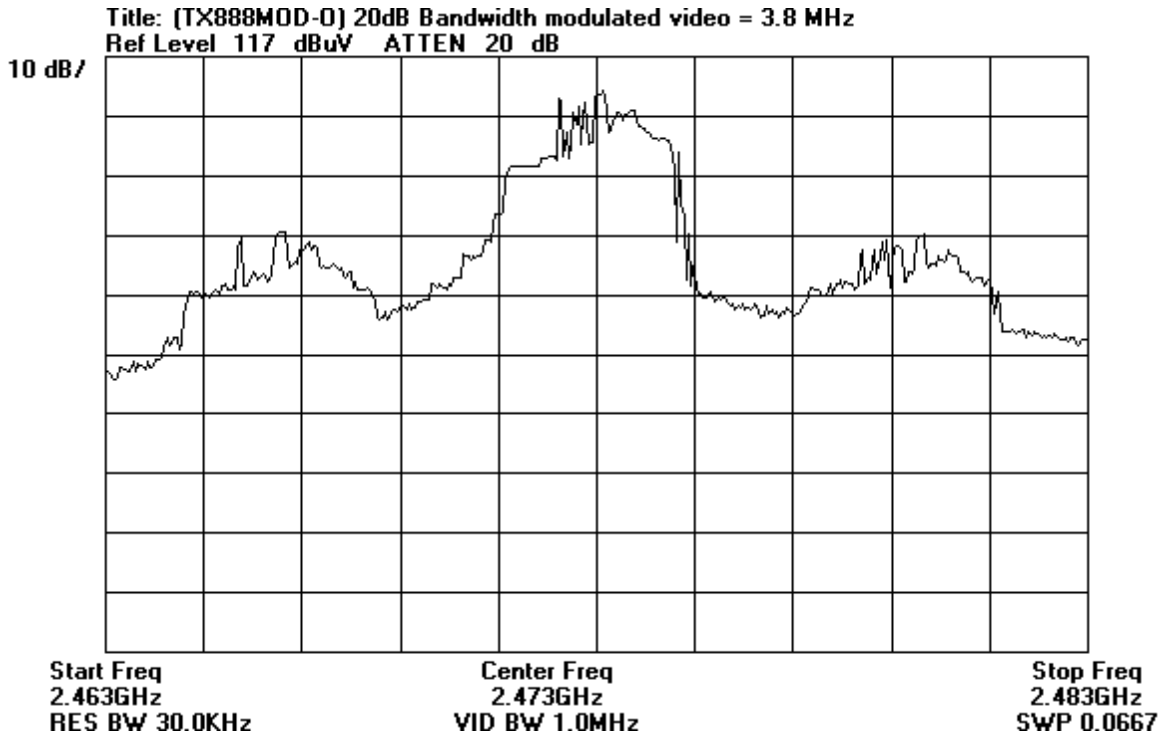

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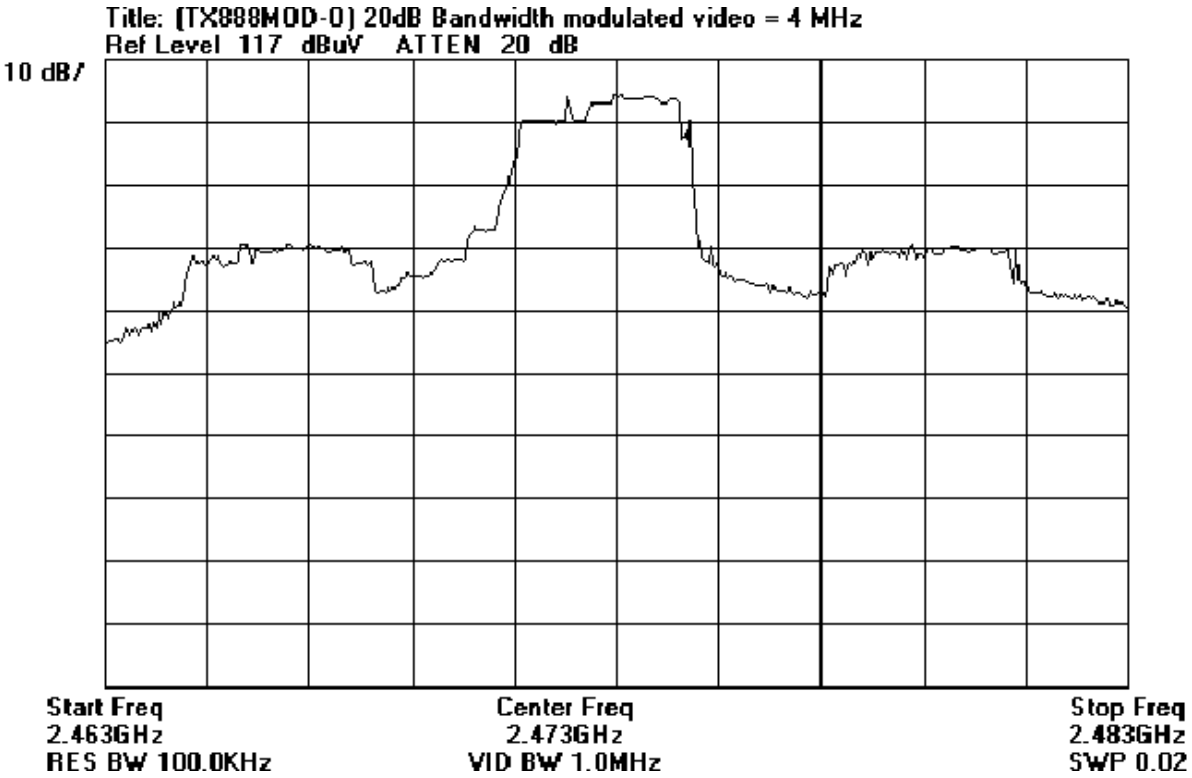

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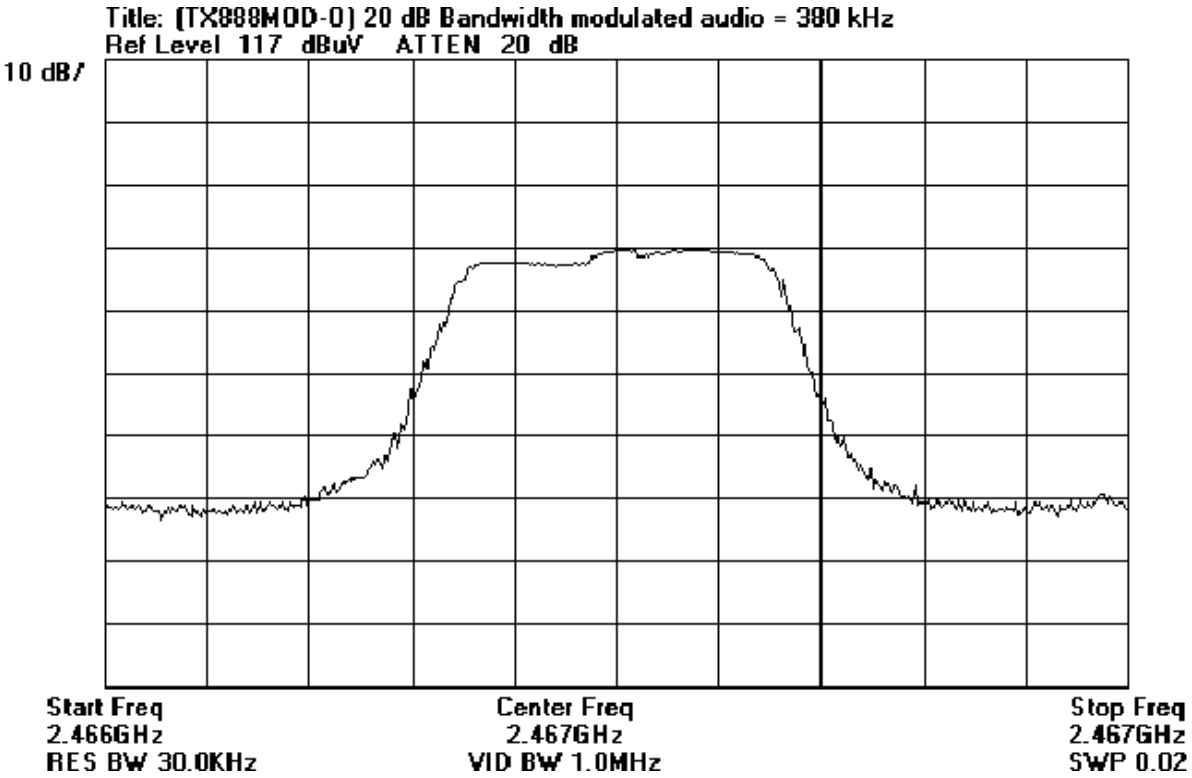

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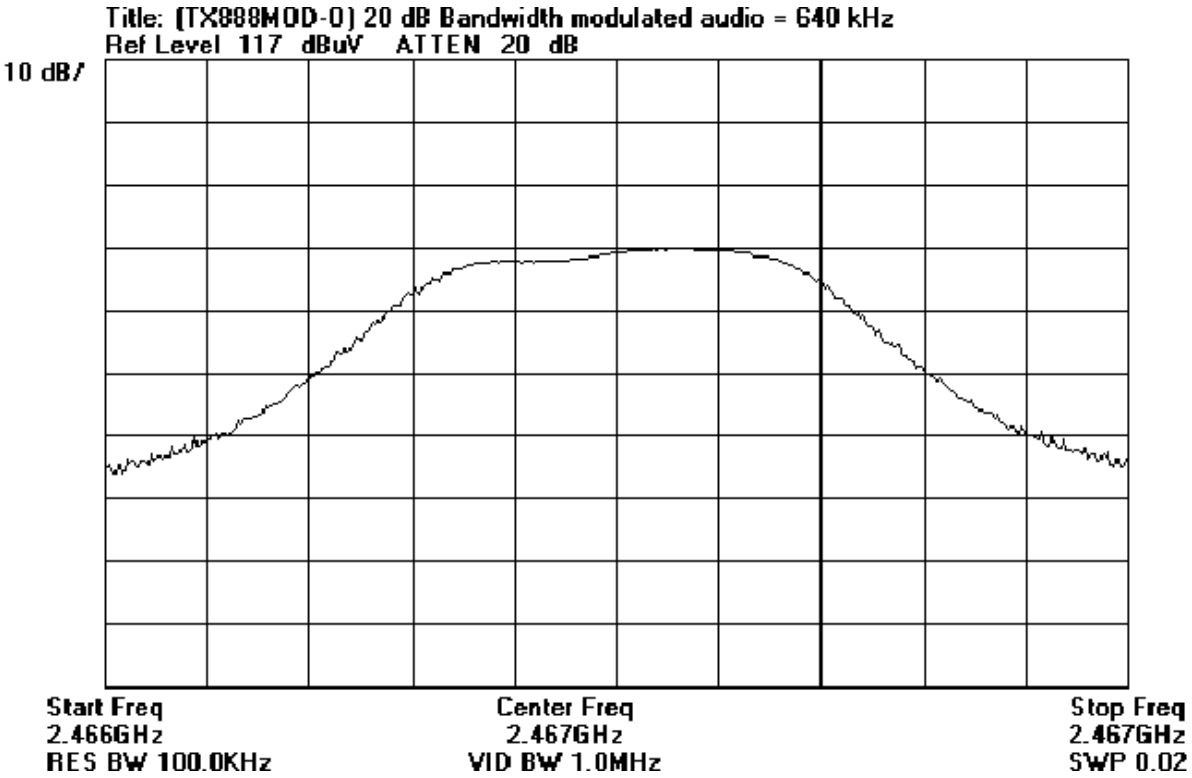

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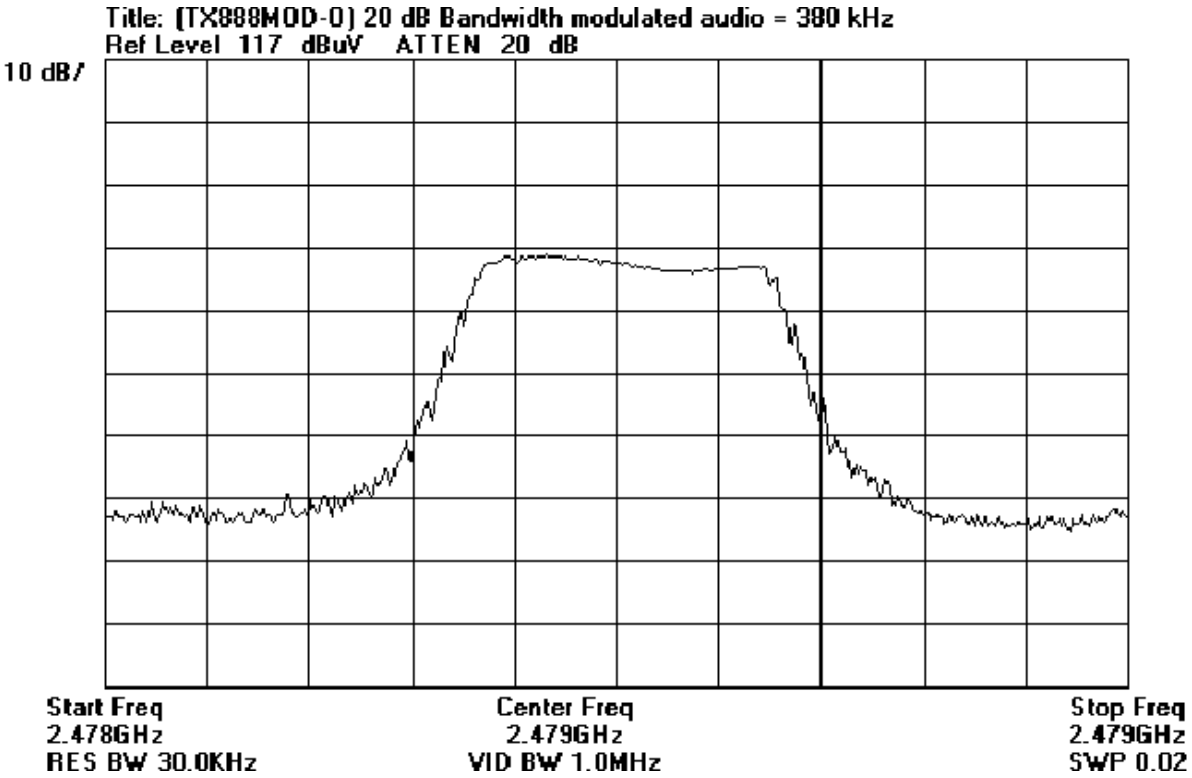

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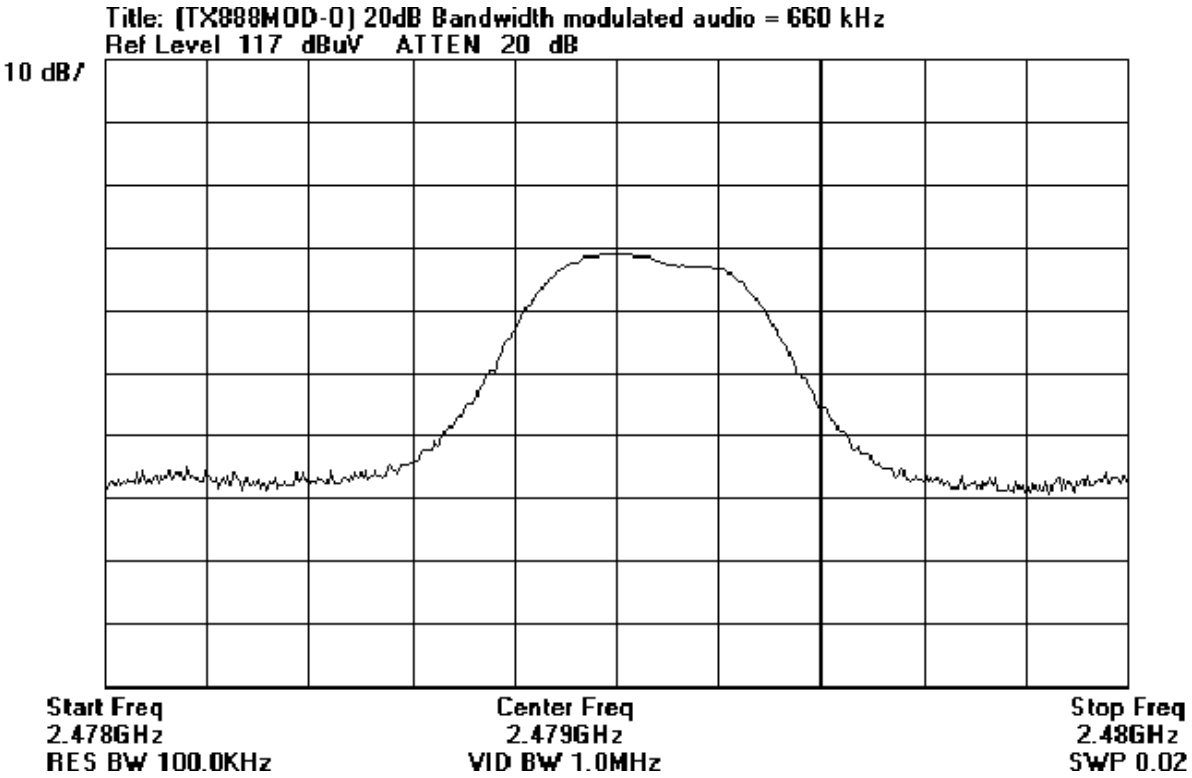

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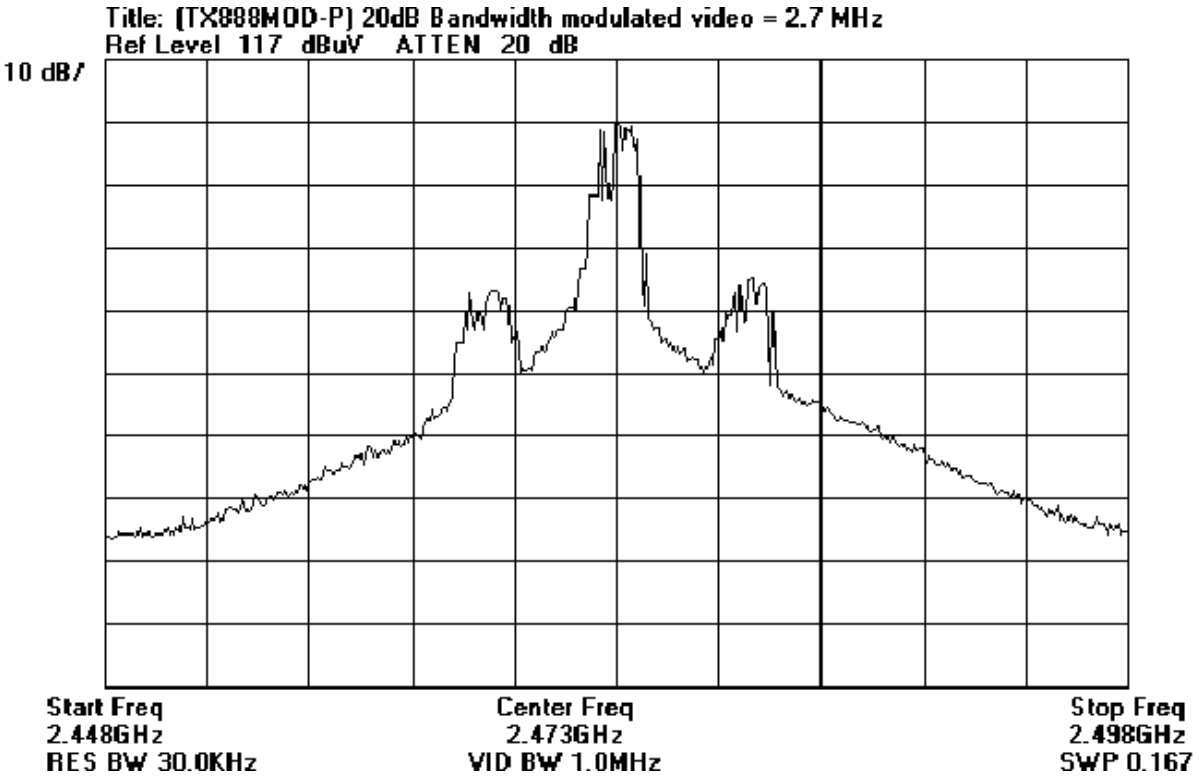

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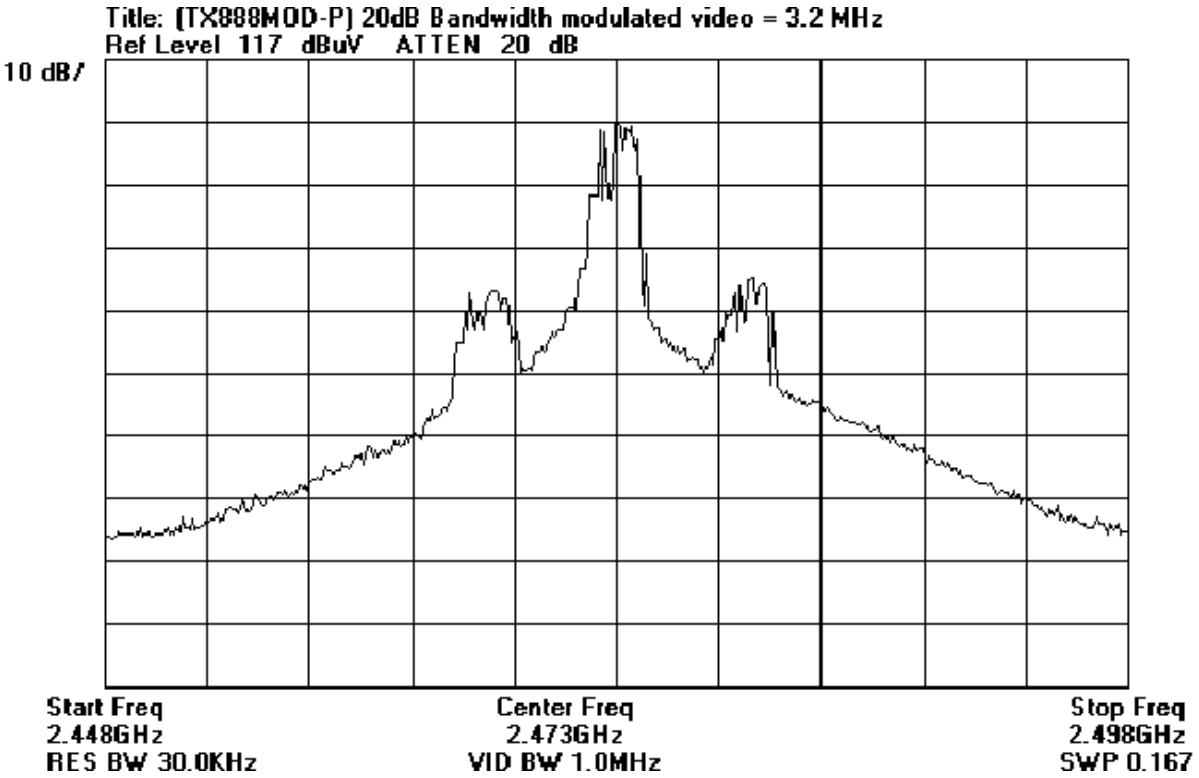

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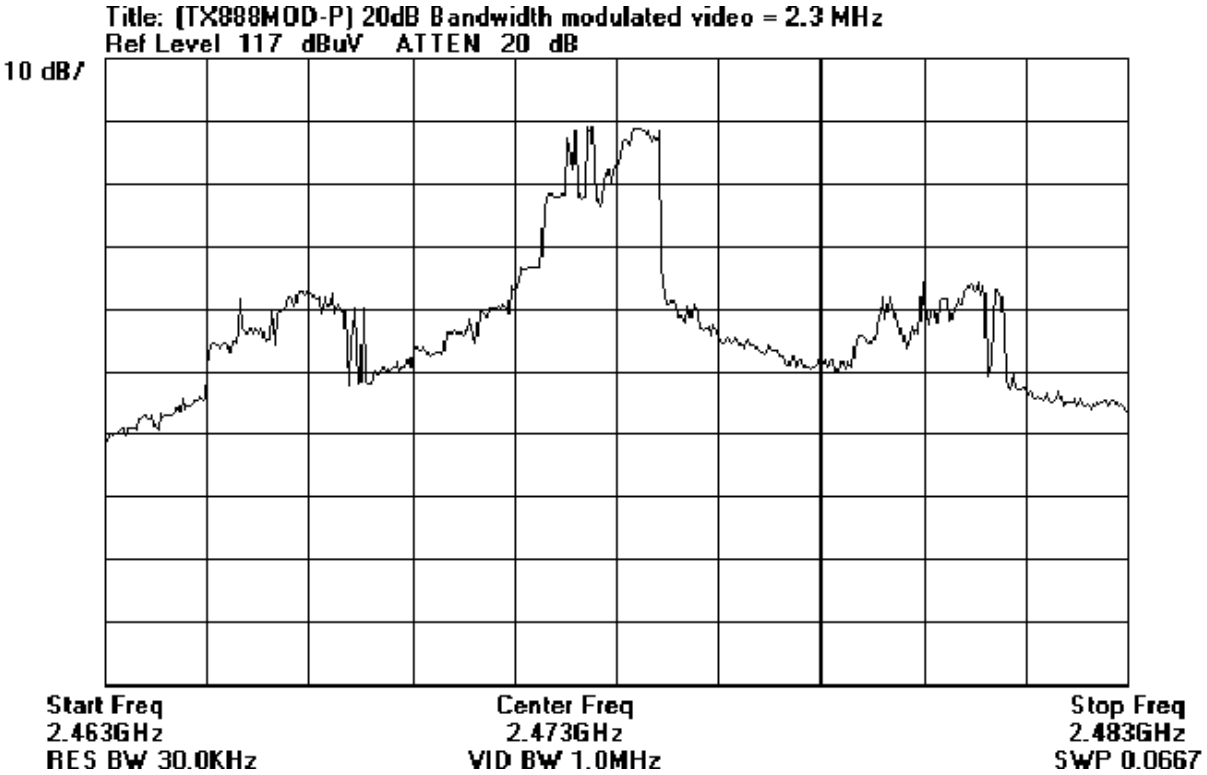

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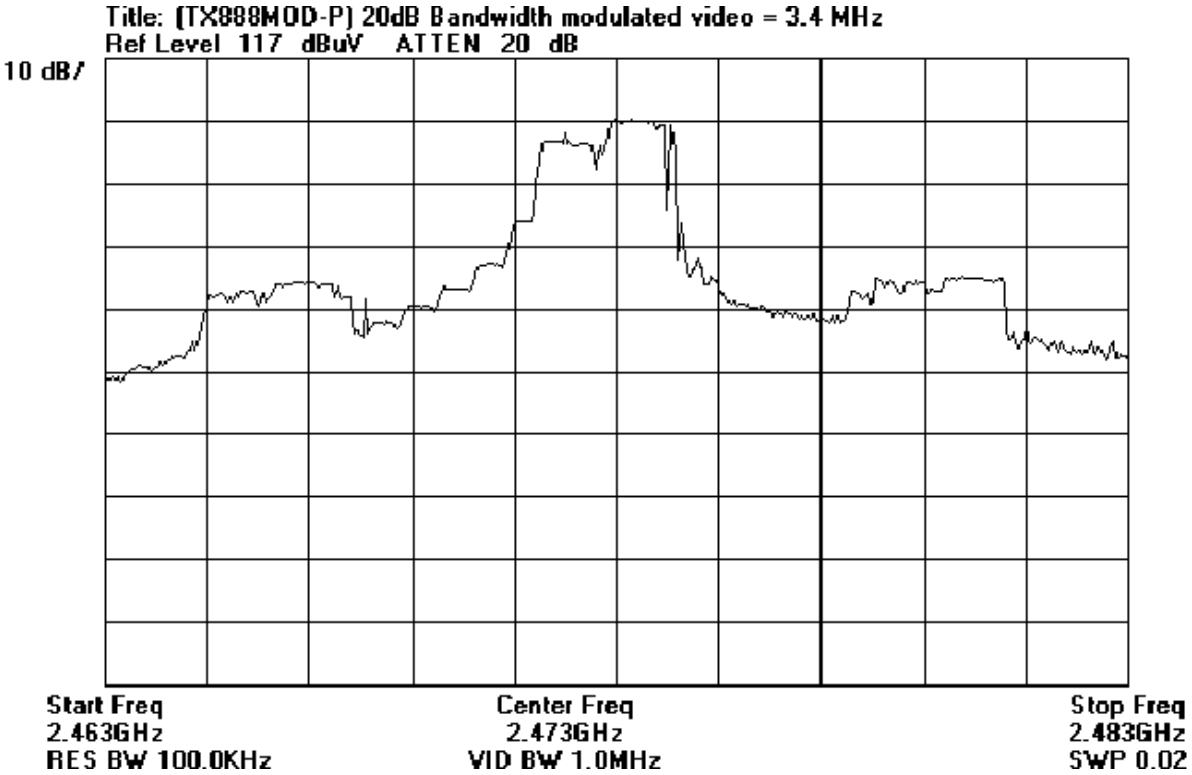

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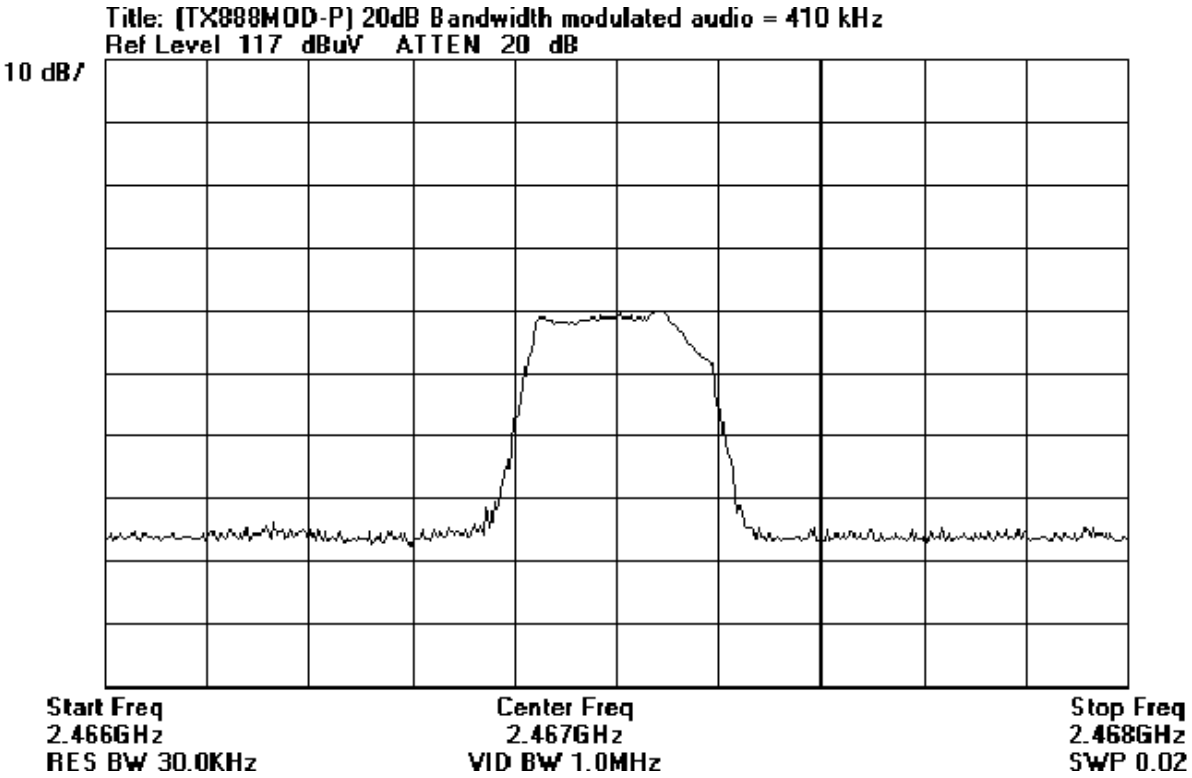

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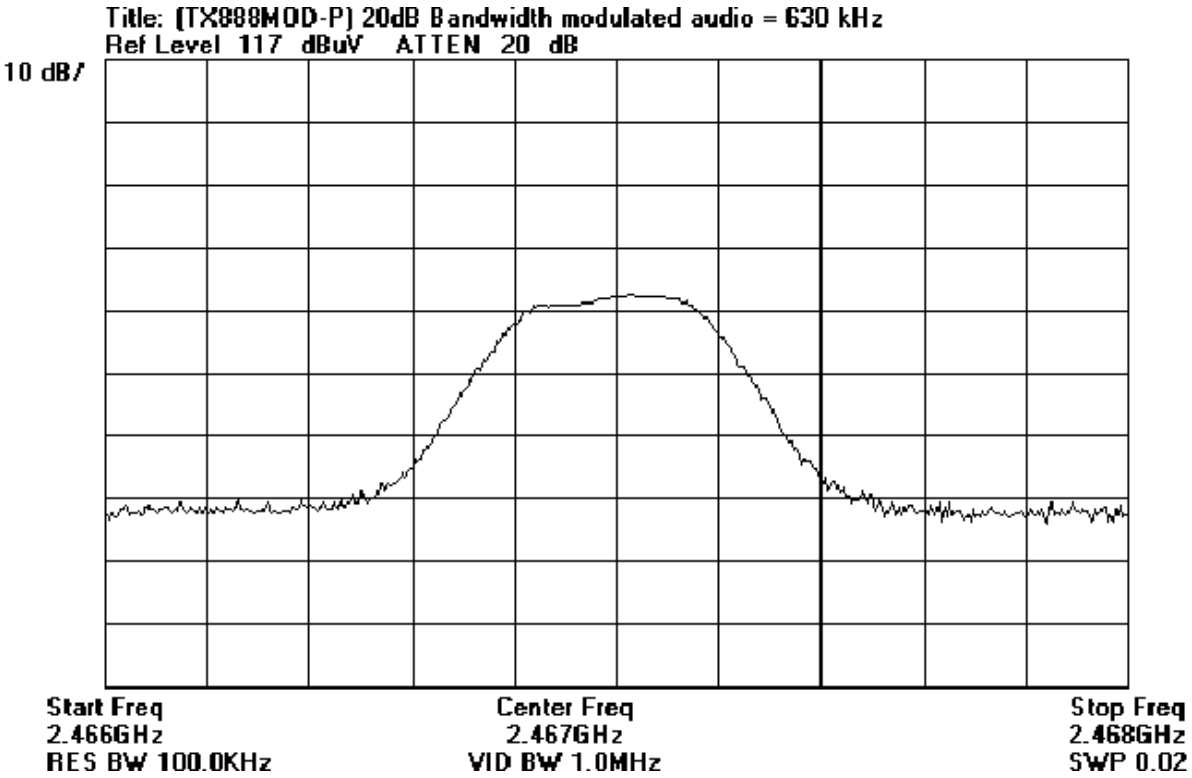
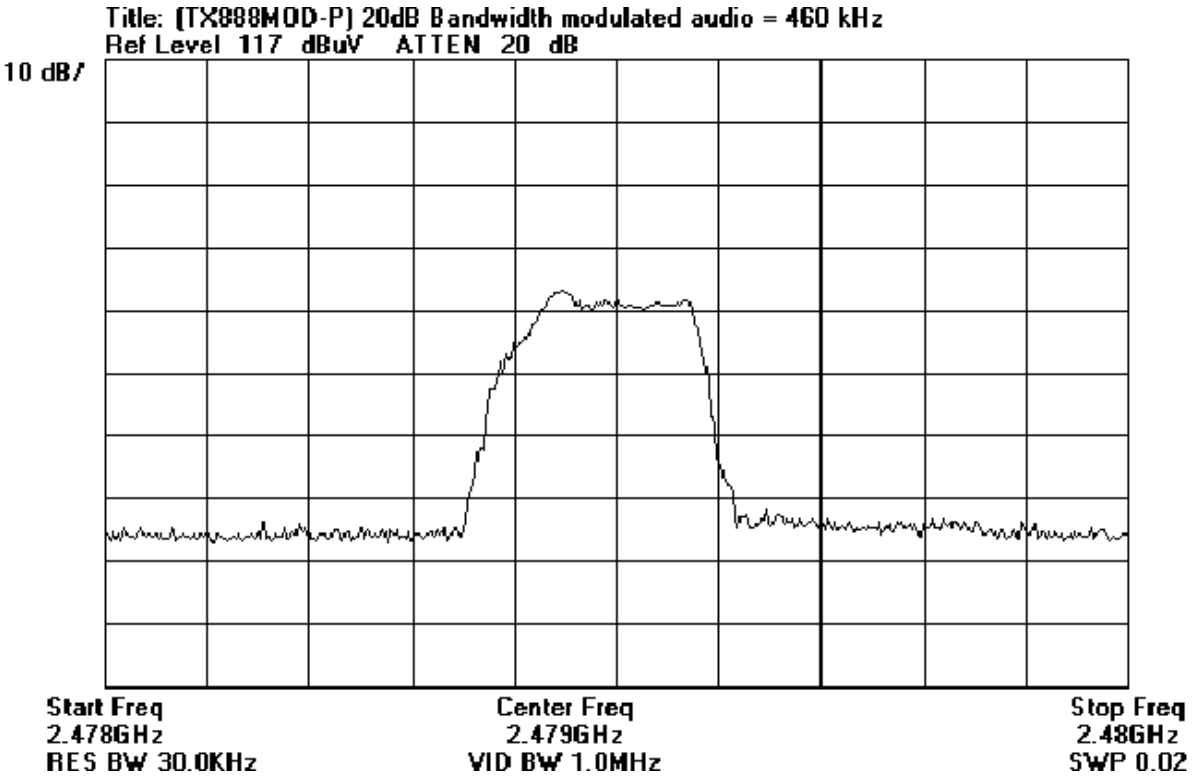
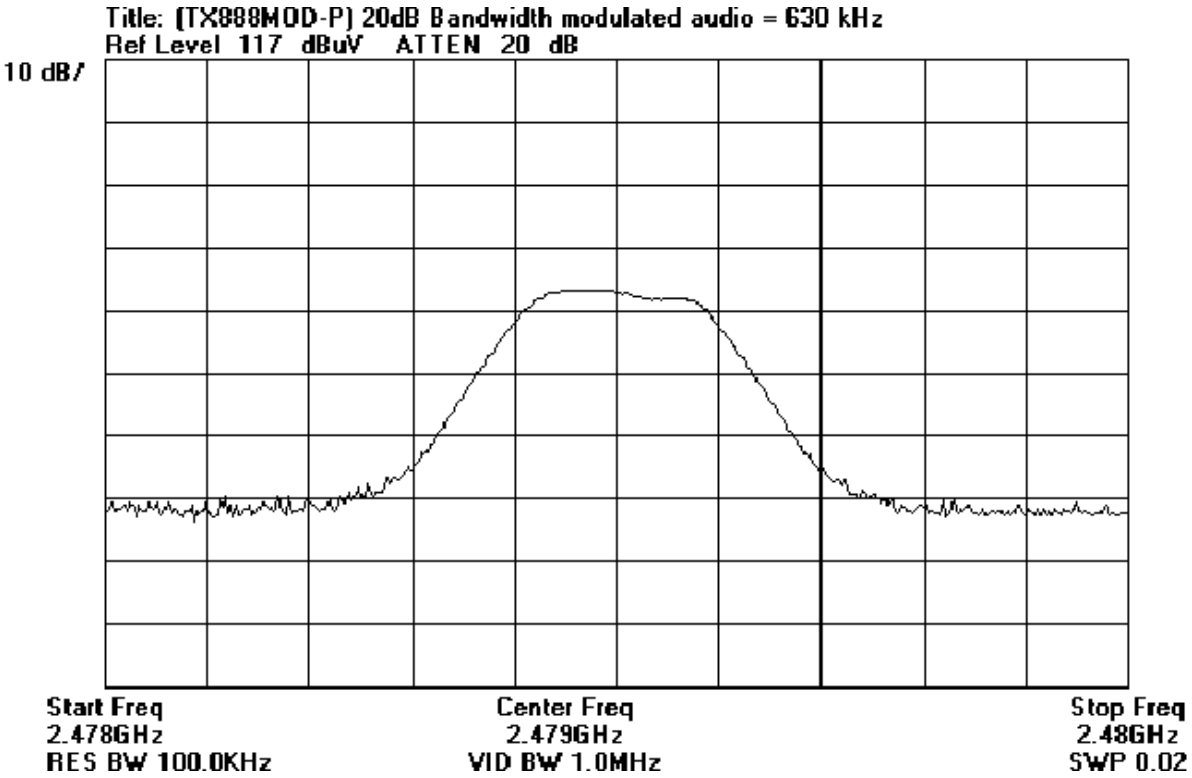


Occupied Bandwidth Plot



Occupied Bandwidth Plot



2.1033(c)(14)/2.1051/90.210 - SPURIOUS EMISSIONS AT ANTENNA TERMINAL

Video Bandwidth and Resolution Bandwidth Settings:

Frequency Range	Signal Analyzer VBW & RBW Setting
9kHz – 150kHz	200Hz
150kHz - 30MHz	9kHz
30MHz – 1MHz	120kHz
1GHz – 26GHz	1MHz

Test Setup Used for Conducted Spurious:

Same test setup as for 2.1033(c)(14)/2.1046/90.210 - RF Power Output. See photograph on pages 9 & 10.

Test Equipment Used:

Test Equipment

Function	S/N	Calibration Date	Cal Due Date	Asset #
HP 8574A	3010A01076	07/15/1999	07/15/2000	0
HP 8593EM	3624A00159	10/12/1998	10/12/1999	2111
HP 8447D	2727A05392	02/23/1999	02/23/2000	10
HP 83017A	3123A00321	10/26/1998	10/26/1999	2114
Chase CBL6111C	2455	08/30/1999	08/30/2000	1992
EMCO 3115	9006-3414	02/24/1999	02/24/2000	327
EMCO 3301B	9101-3083	06/30/1999	06/30/2000	0
HP 84125-80008	961178-006	01/13/1999	01/13/2000	0
Cable 125 ft.	n/a	02/04/1999	02/04/2000	2086
Cable 10 ft.	n/a	02/05/1999	02/05/2000	1016
Fischer LISN	none	01/13/1999	01/13/2000	14
Fischer LISN	none	01/13/1999	01/13/2000	13

Test Data:

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC90.210**		
Work Order #:	**72515**	Date:	Fri Sep-17-1999
Test Type:	**Maximized Emissions**	Time:	12:04:23
Equipment:	**Video Audio Transmitter**	Sequence#:	19
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-P+		
S/N:	SMA		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-P+	SMA

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70 F. The humidity is 40%.

Measurement Data: Reading listed by frequency. Test Distance: None

#	Freq MHz	Rdng dBµV	dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	2466.400M	99.3					+0.0	99.3	144.0	-44.7	None
									Peak unmodulated low audio carrier		
2	4939.150M	42.6					+0.0	42.6	94.0	-51.4	None
3	7411.850M	52.1					+0.0	52.1	94.0	-41.9	None
4	9884.250M	58.4					+0.0	58.4	94.0	-35.6	None
5	12356.950 M	61.2					+0.0	61.2	94.0	-32.8	None
6	14829.950 M	40.2					+0.0	40.2	94.0	-53.8	None
7	17302.550 M	42.6					+0.0	42.6	94.0	-51.4	None

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC90.210**		
Work Order #:	**72515**	Date:	Fri Sep-17-1999
Test Type:	**Maximized Emissions**	Time:	12:03:56
Equipment:	**Video Audio Transmitter**	Sequence#:	18
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-P+		
S/N:	SMA		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-P+	SMA

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by frequency. Test Distance: None

#	Freq MHz	Rdng dBµV	dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	2479.000M	99.3					+0.0	99.3	144.0	-44.7	None
									Peak unmodulated hi audio carrier		
2	4951.600M	44.1					+0.0	44.1	94.0	-49.9	None
3	7424.200M	53.2					+0.0	53.2	94.0	-40.8	None
4	9896.851M	59.3					+0.0	59.3	94.0	-34.7	None
5	12369.500 M	60.9					+0.0	60.9	94.0	-33.1	None
6	14842.200 M	40.1					+0.0	40.1	94.0	-53.9	None
7	17314.600 M	43.3					+0.0	43.3	94.0	-50.7	None

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC90.210**		
Work Order #:	**72515**	Date:	Fri Sep-17-1999
Test Type:	**Maximized Emissions**	Time:	12:03:29
Equipment:	**Video Audio Transmitter**	Sequence#:	17
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-P+		
S/N:	SMA		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-P+	SMA

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. The camera is providing modulation of the video carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by frequency. Test Distance: None

#	Freq MHz	Rdng dBµV	dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	2472.650M	123.2					+0.0	123.2	144.0 unmodulated carrier	-20.8 video	None
2	4945.350M	62.0					+0.0	62.0	94.0	-32.0	None
3	7417.950M	68.4					+0.0	68.4	94.0	-25.6	None
4	9890.650M	72.1					+0.0	72.1	94.0	-21.9	None
5	12363.250 M	72.4					+0.0	72.4	94.0	-21.6	None
6	14835.950 M	50.4					+0.0	50.4	94.0	-43.6	None
7	17308.500 M	52.5					+0.0	52.5	94.0	-41.5	None

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC90.210**		
Work Order #:	**72515**	Date:	Fri Sep-17-1999
Test Type:	**Maximized Emissions**	Time:	10:32:56
Equipment:	**Video Audio Transmitter**	Sequence#:	16
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-O		
S/N:	none		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-O	None

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by frequency. Test Distance: None

#	Freq MHz	Rdng dBµV	dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	2466.450M	90.7					+0.0	90.7	144.0	-53.3	None
									Peak unmodulated low audio carrier		
2	4939.190M	28.9					+0.0	28.9	94.0	-65.1	None
3	7412.040M	64.6					+0.0	64.6	94.0	-29.4	None
4	9884.690M	47.6					+0.0	47.6	94.0	-46.4	None
5	12357.390 M	47.4					+0.0	47.4	94.0	-46.6	None
6	14830.140 M	40.9					+0.0	40.9	94.0	-53.1	None
7	17302.890 M	30.4					+0.0	30.4	94.0	-63.6	None
8	19775.590 M	28.2					+0.0	28.2	94.0	-65.8	None

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC90.210**		
Work Order #:	**72515**	Date:	Fri Sep-17-1999
Test Type:	**Maximized Emissions**	Time:	10:31:56
Equipment:	**Video Audio Transmitter**	Sequence#:	15
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-O		
S/N:	None		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-O	None

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by frequency. Test Distance: None

#	Freq MHz	Rdng dBµV	dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	2479.050M	90.5					+0.0	90.5	144.0	-53.5	None
									Peak unmodulated hi audio carrier		
2	4951.490M	30.2					+0.0	30.2	94.0	-63.8	None
3	7424.090M	64.7					+0.0	64.7	94.0	-29.3	None
4	9896.740M	48.1					+0.0	48.1	94.0	-45.9	None
5	12369.540 M	47.0					+0.0	47.0	94.0	-47.0	None
6	14842.140 M	41.1					+0.0	41.1	94.0	-52.9	None
7	17314.940 M	31.3					+0.0	31.3	94.0	-62.7	None
8	19787.590 M	28.5					+0.0	28.5	94.0	-65.5	None

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC90.210**		
Work Order #:	**72515**	Date:	Fri Sep-17-1999
Test Type:	**Maximized Emissions**	Time:	10:31:08
Equipment:	**Video Audio Transmitter**	Sequence#:	14
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-O		
S/N:	None		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-O	None

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. The camera is providing modulation of the video carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by frequency. Test Distance: None

#	Freq MHz	Rdng dBµV	dB	dB	dB	dB	Dist Table	Corr dBµV	Spec dBµV	Margin dB	Polar Ant
1	2472.670M	111.5					+0.0	111.5	144.0 unmodulated video carrier	-32.5	None
2	4945.390M	42.7					+0.0	42.7	94.0	-51.3	None
3	7418.040M	80.6					+0.0	80.6	94.0	-13.4	None
4	9890.790M	60.1					+0.0	60.1	94.0	-33.9	None
5	12363.440 M	57.5					+0.0	57.5	94.0	-36.5	None
6	14836.140 M	49.0					+0.0	49.0	94.0	-45.0	None
7	17308.840 M	36.3					+0.0	36.3	94.0	-57.7	None
8	19781.540 M	35.1					+0.0	35.1	94.0	-58.9	None

2.1033(c)(14)/2.1053 - FIELD STRENGTH OF SPURIOUS RADIATION

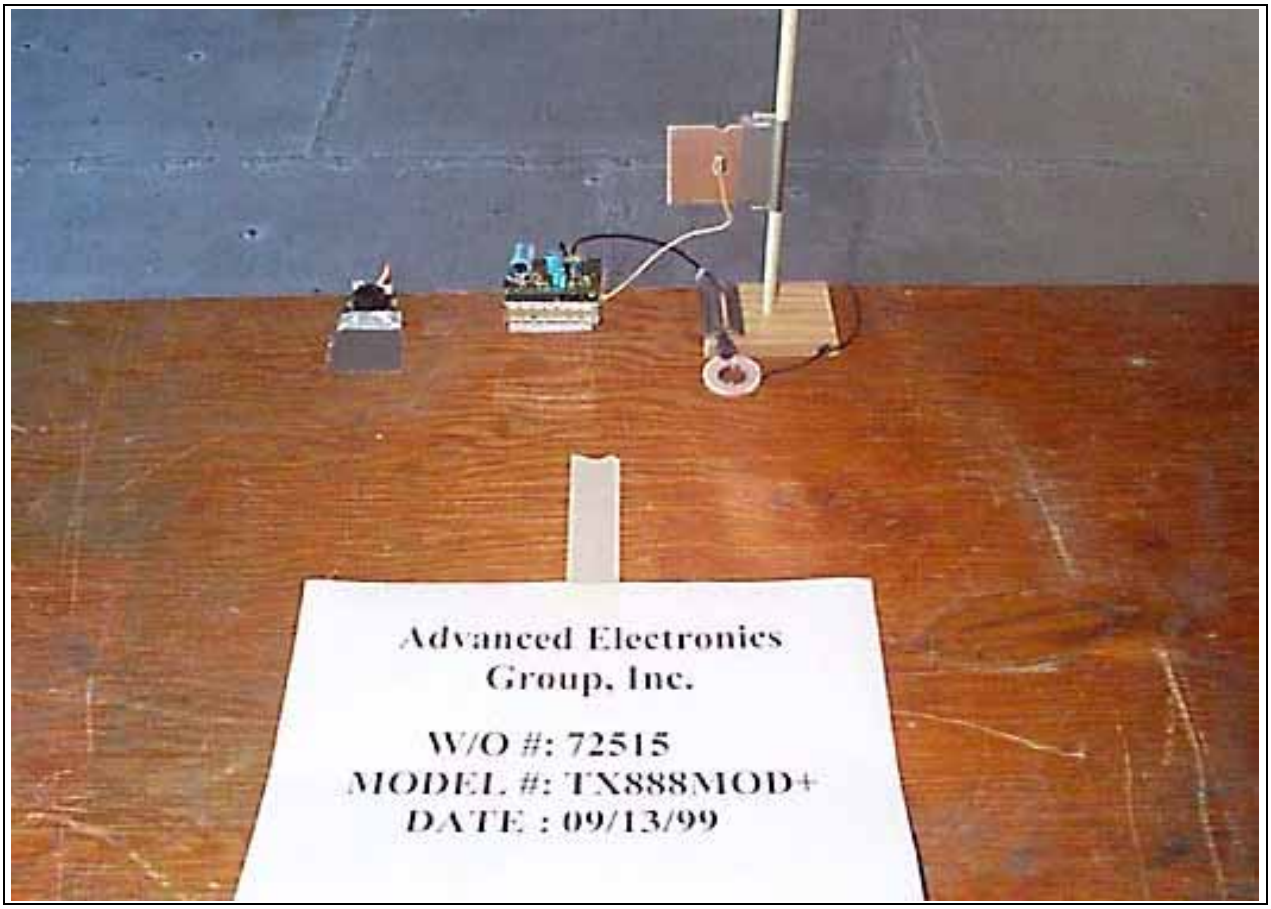
Test Conditions:

All harmonics and sub-harmonics of the carrier frequency were investigated. Measurements were also made to detect any spurious emissions that were directly radiated from the EUT under normal conditions of installation and operation. All spurious emissions which were attenuated more than 20 dB below the permissible value were not reported. The information submitted includes the relative radiated power of each spurious and harmonic emissions with reference to the rated power output of the transmitter (assuming all emissions are radiated from half-wave dipole antennas).

Video Bandwidth and Resolution Bandwidth Settings:

Frequency Range	Signal Analyzer VBW & RBW Setting
9kHz – 150kHz	200Hz
150kHz - 30MHz	9kHz
30MHz – 1MHz	120kHz
1GHz – 26GHz	1MHz

Photograph Showing Field Strength of Spurious Radiation



Front View - TX888MOD-P+

Photograph Showing Field Strength of Spurious Radiation

Back View - TX888MOD-P+

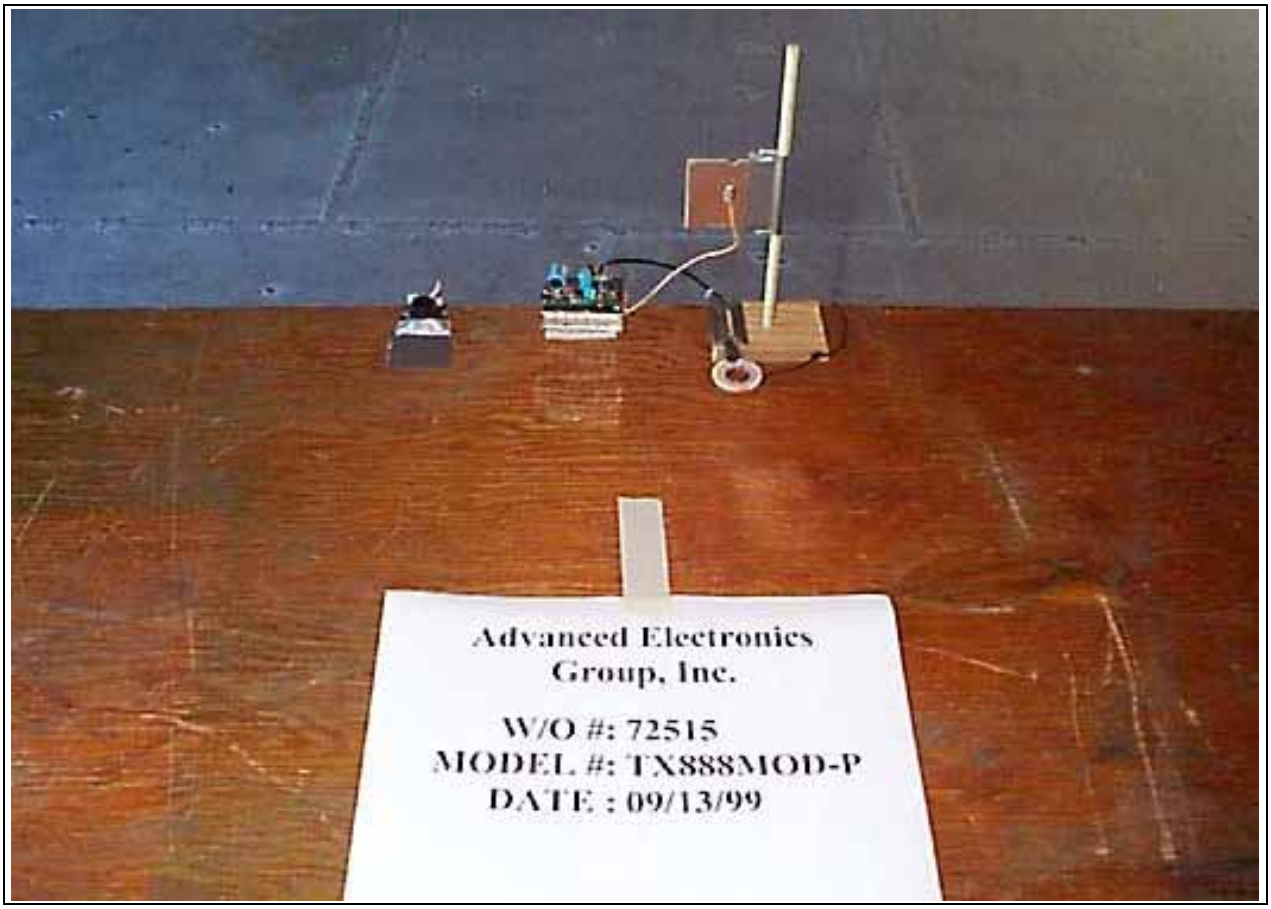
Photograph Showing Field Strength of Spurious Radiation

Front View - TX888MOD-O

Photograph Showing Field Strength of Spurious Radiation

Back View - TX888MOD-O

Photograph Showing Field Strength of Spurious Radiation



Front View - TX888MOD-P

Photograph Showing Field Strength of Spurious Radiation

Back View - TX888MOD-P

Test Equipment Used:

Function	S/N	Calibration Date	Cal Due Date	Asset #
HP 8574A	3010A01076	07/15/1999	07/15/2000	0
HP 8593EM	3624A00159	10/12/1998	10/12/1999	2111
HP 8447D	2727A05392	02/23/1999	02/23/2000	10
HP 83017A	3123A00321	10/26/1998	10/26/1999	2114
Chase CBL6111C	2455	08/30/1999	08/30/2000	1992
EMCO 3115	9006-3414	02/24/1999	02/24/2000	327
EMCO 3301B	9101-3083	06/30/1999	06/30/2000	0
HP 84125-80008	961178-006	01/13/1999	01/13/2000	0
Cable 125 ft.	n/a	02/04/1999	02/04/2000	2086
Cable 10 ft.	n/a	02/05/1999	02/05/2000	1016
Fischer LISN	none	01/13/1999	01/13/2000	14
Fischer LISN	none	01/13/1999	01/13/2000	13

Test Data On Following Pages:

FCC Part 2.1053

Module TX868MOD-P+

FCC Part 2.1053 Measurements required: Field strength of spurious radiation

Operating Channel - 2466 MHz

Polarity	Freq (MHz)	Reading in dBuV/m	PreAmp Factor	Cable Factor	Horn Antenna	Corrected E (dBuV/M)	V/M	ERP (Watts)	Spec Limit Watts	Pass or Fail	
Vertical	7411.79	60.40	-34.00	5.3	35.7	67.40	0.002344229	0.000001005	0.000050000	Pass	

Notes: Frequency range investigated was from 9 kHz to 26 GHz. All spurious and harmonic emissions were investigated. All emissions detected that were less than 20dB below the permissible value were reported.

CALCULATIONS

Note: The data taken is relative to the radiated power of each spurious emission with reference to the rated power output of the transmitter.

The 43+10log(P) dB "out of band" attenuation equates to a 50 uW limit for any P. The following equations establish this amplitude limit for spurious emissions.

Spurious Emissions Limit (dBW) = 10logP - (43+10logP) = -43 dBW.

Spurious Emissions Limit (W) = 10^(-43/10) = 50 * 10^-6 W.

ERP Calculations

ERP = $(Ed)^2/30(G)$

E = V/m

d= distance

G = Gain of Antenna (numerical gain of half wave dipole antenna 1.64) per Part 2.1053(a)

Conversion of dBuV/m to V/m

[invlog(Reading in dBuV/m/20)]*.000001 = V/m

FCC Part 2.1053

Module TX888MOD-P+

FCC Part 2.1053 Measurements required: Field strength of spurious radiation

Operating Channel - 2473 MHz

Polarity	Freq (MHz)	Reading in dBuV/m	PreAmp Factor	Cable Factor	Horn Antenna	Corrected E (dBuV/M)	V/M	ERP (Watts)	Spec Limit Watts	Pass or Fail	
Vertical	7418.10	73.60	-34.00	5.3	35.6	80.50	0.010592537	0.000020525	0.000050000	Pass	
Horizontal	7418.10	64.10	-34.00	5.3	35.6	71.00	0.003548134	0.000002303	0.000050000	Pass	

Notes: Frequency range investigated was from 9 kHz to 26 GHz. All spurious and harmonic emissions were investigated. All emissions detected that were less than 20dB below the permissible value were reported.

CALCULATIONS

Note: The data taken is relative to the radiated power of each spurious emission with reference to the rated power output of the transmitter.

The 43+10log(P) dB "out of band" attenuation equates to a 50 uW limit for any P. The following equations establish this amplitude limit for spurious emissions.

Spurious Emissions Limit (dBW) = 10logP - (43+10logP) = -43 dBW.

Spurious Emissions Limit (W) = 10^(-43/10) = 50 * 10^-6 W.

ERP Calculations

ERP = $(Ed)^2/30(G)$

E = V/m

d= distance

G = Gain of Antenna (numerical gain of half wave dipole antenna 1.64) per Part 2.1053(a)

Conversion of dBuV/m to V/m

[invlog(Reading in dBuV/m/20)]*.000001 = V/m

FCC Part 2.1053

Module TX888MOD-P+

FCC Part 2.1053 Measurements required: Field strength of spurious radiation

Operating Channel - 2479 MHz

Polarity	Freq (MHz)	Reading in dBuV/m	PreAmp Factor	Cable Factor	Horn Antenna	Corrected E (dBuV/M)	V/M	ERP (Watts)	Spec Limit Watts	Pass or Fail	
Vertical	7424.39	59.80	-34.00	5.3	35.6	66.70	0.002162719	0.000000856	0.000050000	Pass	

Notes: Frequency range investigated was from 9 kHz to 26 GHz. All spurious and harmonic emissions were investigated. All emissions detected that were less than 20dB below the permissible value were reported.

CALCULATIONS

Note: The data taken is relative to the radiated power of each spurious emission with reference to the rated power output of the transmitter.

The 43+10log(P) dB "out of band" attenuation equales to a 50 uW limit for any P. The following equations establish this amplitude limit for spurious emissions.

Spurious Emissions Limit (dBW) = 10logP - (43+10logP) = -43 dBW.

Spurious Emissions Limit (W) = 10^(-43/10) = 50 * 10^-6 W.

ERP Calculations

ERP = $(Ed)^2/30(G)$

E = V/m

d= distance

G = Gain of Antenna (numerical gain of half wave dipole antenna 1.64) per Part 2.1053(a)

Conversion of dBuV/m to V/m

[invlog(Reading in dBuV/m/20)]*.000001 = V/m

FCC Part 2.1053

Module TX888MOD-O

FCC Part 2.1053 Measurements required: Field strength of spurious radiation

Operating Channel - 2466 MHz

Polarity	Freq (MHz)	Reading in dBuV/m	PreAmp Factor	Cable Factor	Horn Antenna	Corrected E (dBuV/M)	V/M	ERP (Watts)	Spec Limit Watts	Pass or Fail	
Vertical	7411.74	57.90	-34.00	5.3	35.7	64.90	0.001757924	0.000000565	0.000050000	Pass	

Notes: Frequency range investigated was from 9 kHz to 26 GHz. All spurious and harmonic emissions were investigated. All emissions detected that were less than 20dB below the permissible value were reported.

CALCULATIONS

Note: The data taken is relative to the radiated power of each spurious emission with reference to the rated power output of the transmitter.

The 43+10log(P) dB "out of band" attenuation equates to a 50 uW limit for any P. The following equations establish this amplitude limit for spurious emissions.

Spurious Emissions Limit (dBW) = 10logP - (43+10logP) = -43 dBW.

Spurious Emissions Limit (W) = 10^(-43/10) = 50 * 10^-6 W.

ERP Calculations

ERP = $(Ed)^2/30(G)$

E = V/m

d= distance

G = Gain of Antenna (numerical gain of half wave dipole antenna 1.64) per Part 2.1053(a)

Conversion of dBuV/m to V/m

[invlog(Reading in dBuV/m/20)]*.000001 = V/m

FCC Part 2.1053

Module TX888MOD-O

FCC Part 2.1053 Measurements required: Field strength of spurious radiation

Operating Channel - 2473 MHz

Polarity	Freq (MHz)	Reading in dBuV/m	PreAmp Factor	Cable Factor	Horn Antenna	Corrected E (dBuV/M)	V/M	ERP (Watts)	Spec Limit Watts	Pass or Fail	
Vertical	7418.04	67.70	-34.00	5.3	35.6	74.60	0.005370318	0.000005276	0.000050000	Pass	
Horizontal	7418.09	61.50	-34.00	5.3	35.6	68.40	0.002630268	0.000001266	0.000050000	Pass	

Notes: Frequency range investigated was from 9 kHz to 26 GHz. All spurious and harmonic emissions were investigated. All emissions detected that were less than 20dB below the permissible value were reported.

CALCULATIONS

Note: The data taken is relative to the radiated power of each spurious emission with reference to the rated power output of the transmitter.

The 43+10log(P) dB "out of band" attenuation equates to a 50 uW limit for any P. The following equations establish this amplitude limit for spurious emissions.

Spurious Emissions Limit (dBW) = 10logP - (43+10logP) = -43 dBW.

Spurious Emissions Limit (W) = 10^(-43/10) = 50 * 10^-6 W.

ERP Calculations

ERP = $(Ed)^2/30(G)$

E = V/m

d= distance

G = Gain of Antenna (numerical gain of half wave dipole antenna 1.64) per Part 2.1053(a)

Conversion of dBuV/m to V/m

[invlog(Reading in dBuV/m/20)]* .000001 = V/m

FCC Part 2.1053

Module TX888MOD-O

FCC Part 2.1053 Measurements required: Field strength of spurious radiation

Operating Channel - 2479 MHz

Polarity	Freq (MHz)	Reading in dBuV/m	PreAmp Factor	Cable Factor	Horn Antenna	Corrected E (dBuV/M)	V/M	ERP (Watts)	Spec Limit Watts	Pass or Fail	
Vertical	7424.29	57.90	-34.00	5.3	35.6	64.80	0.001737801	0.000000552	0.000050000	Pass	

Notes: Frequency range investigated was from 9 kHz to 26 GHz. All spurious and harmonic emissions were investigated. All emissions detected that were less than 20dB below the permissible value were reported.

CALCULATIONS

Note: The data taken is relative to the radiated power of each spurious emission with reference to the rated power output of the transmitter.

The 43+10log(P) dB "out of band" attenuation equates to a 50 uW limit for any P. The following equations establish this amplitude limit for spurious emissions.

Spurious Emissions Limit (dBW) = 10logP - (43+10logP) = -43 dBW.

Spurious Emissions Limit (W) = 10^(-43/10) = 50 * 10^-6 W.

ERP Calculations

ERP = $(Ed)^2/30(G)$

E = V/m

d= distance

G = Gain of Antenna (numerical gain of half wave dipole antenna 1.64) per Part 2.1053(a)

Conversion of dBuV/m to V/m

[invlog(Reading in dBuV/m/20)]*.000001 = V/m

FCC Part 2.1053

Module TX888MOD-P

FCC Part 2.1053 Measurements required: Field strength of spurious radiation

Operating Channel - 2466 MHz

Polarity	Freq (MHz)	Reading in dBuV/m	PreAmp Factor	Cable Factor	Horn Antenna	Corrected E (dBuV/M)	V/M	ERP (Watts)	Spec Limit Watts	Pass or Fail	
Vertical	7411.70	64.50	-34.00	5.3	35.7	71.50	0.003758374	0.000002584	0.000050000	Pass	

Notes: Frequency range investigated was from 9 kHz to 26 GHz. All spurious and harmonic emissions were investigated. All emissions detected that were less than 20dB below the permissible value were reported.

CALCULATIONS

Note: The data taken is relative to the radiated power of each spurious emission with reference to the rated power output of the transmitter.

The 43+10log(P) dB "out of band" attenuation equates to a 50 uW limit for any P. The following equations establish this amplitude limit for spurious emissions.

Spurious Emissions Limit (dBW) = 10logP - (43+10logP) = -43 dBW.

Spurious Emissions Limit (W) = 10^(-43/10) = 50 * 10^-6 W.

ERP Calculations

ERP = $(Ed)^2/30(G)$

E = V/m

d= distance

G = Gain of Antenna (numerical gain of half wave dipole antenna 1.64) per Part 2.1053(a)

Conversion of dBuV/m to V/m

[invlog(Reading in dBuV/m/20)]*.000001 = V/m

FCC Part 2.1053

Module TX888MOD-P

FCC Part 2.1053 Measurements required: Field strength of spurious radiation

Operating Channel - 2473 MHz

Polarity	Freq (MHz)	Reading in dBuV/m	PreAmp Factor	Cable Factor	Horn Antenna	Corrected E (dBuV/M)	V/M	ERP (Watts)	Spec Limit Watts	Pass or Fail	
Vertical	7418.05	77.20	-34.00	5.3	35.6	84.10	0.016032454	0.000047019	0.000050000	Pass	
Horizontal	7417.97	66.30	-34.00	5.3	35.6	73.20	0.004570882	0.000003822	0.000050000	Pass	

Notes: Frequency range investigated was from 9 kHz to 26 GHz. All spurious and harmonic emissions were investigated. All emissions detected that were less than 20dB below the permissible value were reported.

CALCULATIONS

Note: The data taken is relative to the radiated power of each spurious emission with reference to the rated power output of the transmitter.

The 43+10log(P) dB "out of band" attenuation equates to a 50 uW limit for any P. The following equations establish this amplitude limit for spurious emissions.

Spurious Emissions Limit (dBW) = 10logP - (43+10logP) = -43 dBW.

Spurious Emissions Limit (W) = 10^(-43/10) = 50 * 10^-6 W.

ERP Calculations

ERP = $(Ed)^2/30(G)$

E = V/m

d= distance

G = Gain of Antenna (numerical gain of half wave dipole antenna 1.64) per Part 2.1053(a)

Conversion of dBuV/m to V/m

[invlog(Reading in dBuV/m/20)]*.000001 = V/m

FCC Part 2.1053

Module TX888MOD-P

FCC Part 2.1053 Measurements required: Field strength of spurious radiation

Operating Channel - 2479 MHz

Polarity	Freq (MHz)	Reading in dBuV/m	PreAmp Factor	Cable Factor	Horn Antenna	Corrected E (dBuV/M)	V/M	ERP (Watts)	Spec Limit Watts	Pass or Fail	
Vertical	7424.30	64.90	-34.00	5.3	35.6	71.80	0.003890451	0.000002769	0.000050000	Pass	

Notes: Frequency range investigated was from 9 kHz to 26 GHz. All spurious and harmonic emissions were investigated. All emissions detected that were less than 20dB below the permissible value were reported.

CALCULATIONS

Note: The data taken is relative to the radiated power of each spurious emission with reference to the rated power output of the transmitter.

The 43+10log(P) dB "out of band" attenuation equates to a 50 uW limit for any P. The following equations establish this amplitude limit for spurious emissions.

Spurious Emissions Limit (dBW) = 10logP - (43+10logP) = -43 dBW.

Spurious Emissions Limit (W) = 10^(-43/10) = 50 * 10^-6 W.

ERP Calculations

ERP = $(Ed)^2/30(G)$

E = V/m

d= distance

G = Gain of Antenna (numerical gain of half wave dipole antenna 1.64) per Part 2.1053(a)

Conversion of dBuV/m to V/m

[invlog(Reading in dBuV/m/20)]*.000001 = V/m

2.1033(c)(14)/2.1055/90.213 - FREQUENCY STABILITY

Test Conditions:

The EUT is placed in the temperature chamber with the antenna-port connected to the spectrum analyzer. The transmitter is continuously transmitting unmodulated audio and video carriers. The humidity is 40%.

Photo of Test Setup Used for Test:

Temperature Testing - 888MOD+

Photo of Test Setup Used for Test:

Temperature Testing - 888MOD-O

Test Equipment Used:

1. Spectrum Analyzer, HP, Model 8593E, S/N 3624A00159. Calibration date: December 10, 1998. Calibration due date: December 10, 1999.
2. Thermotron Temperature Chamber, Model S1.2 Mini-Max. Calibration date: August 6, 1999. Calibration due date: August 6, 2000.
3. Mini Hygrothermograph, Oaktron, Model 8369-70, S/N 031155. Calibration date: January 28, 1999. Calibration due date: January 28, 2000.
4. Multimeter, Fluke, Model 70 Series II, S/N 55230270. Calibration date: November 9, 1998. Calibration due date: November 9, 1999.

Test Data:

Frequency in GHz

	TX888MOD-O			TX888MOD-P+		
	video channel	left audio channel	right audio channel	video channel	left audio channel	right audio channel
Ambient 120 VAC	2.47265	2.46666	2.47866	2.47265	2.46664	2.47865
Ambient 102 VAC	2.47266	2.46666	2.47867	2.47265	2.46664	2.47865
Ambient 138 VAC	2.47265	2.46665	2.47866	2.47266	2.46665	2.47866
-30°C	2.47267	2.46665	2.47868	2.47264	2.46664	2.47866
-20°C	2.47267	2.46664	2.47869	2.47265	2.46668	2.47864
-10°C	2.47268	2.46664	2.47867	2.47265	2.46666	2.47868
0°C	2.47261	2.46665	2.47868	2.47266	2.46669	2.47867
10°C	2.47266	2.46664	2.47866	2.47266	2.46665	2.47866
20°C	2.47266	2.46664	2.47866	2.47265	2.46665	2.47866
30°C	2.47265	2.46664	2.47869	2.47264	2.46664	2.47866
40°C	2.47266	2.46664	2.47869	2.47266	2.46664	2.47866
50°C	2.47266	2.46665	2.47868	2.47265	2.46665	2.47867

PART 15 SUBPART B CLASS B
VERIFICATION FOR THE DIGITAL PORTION OF THE EUT

Test Equipment Used:

Function	S/N	Calibration Date	Cal Due Date	Asset #
HP 8574A	3010A01076	07/15/1999	07/15/2000	0
HP 8593EM	3624A00159	10/12/1998	10/12/1999	2111
HP 8447D	2727A05392	02/23/1999	02/23/2000	10
HP 83017A	3123A00321	10/26/1998	10/26/1999	2114
Chase CBL6111C	2455	08/30/1999	08/30/2000	1992
EMCO 3115	9006-3414	02/24/1999	02/24/2000	327
EMCO 3301B	9101-3083	06/30/1999	06/30/2000	0
HP 84125-80008	961178-006	01/13/1999	01/13/2000	0
Cable 125 ft.	n/a	02/04/1999	02/04/2000	2086
Cable 10 ft.	n/a	02/05/1999	02/05/2000	1016
Fischer LISN	none	01/13/1999	01/13/2000	14

Test Data Sheets:

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC 15.207**		
Work Order #:	**72515**	Date:	Sat Sep-18-1999
Test Type:	**Conducted Emissions**	Time:	16:44:09
Equipment:	**Video Audio Transmitter**	Sequence#:	21
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-P+		
S/N:	none		

Fischer LISN	none	01/13/1999	01/13/2000	13

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-P+	none

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. The camera is providing modulation of the video carrier. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by margin. Test Lead: White

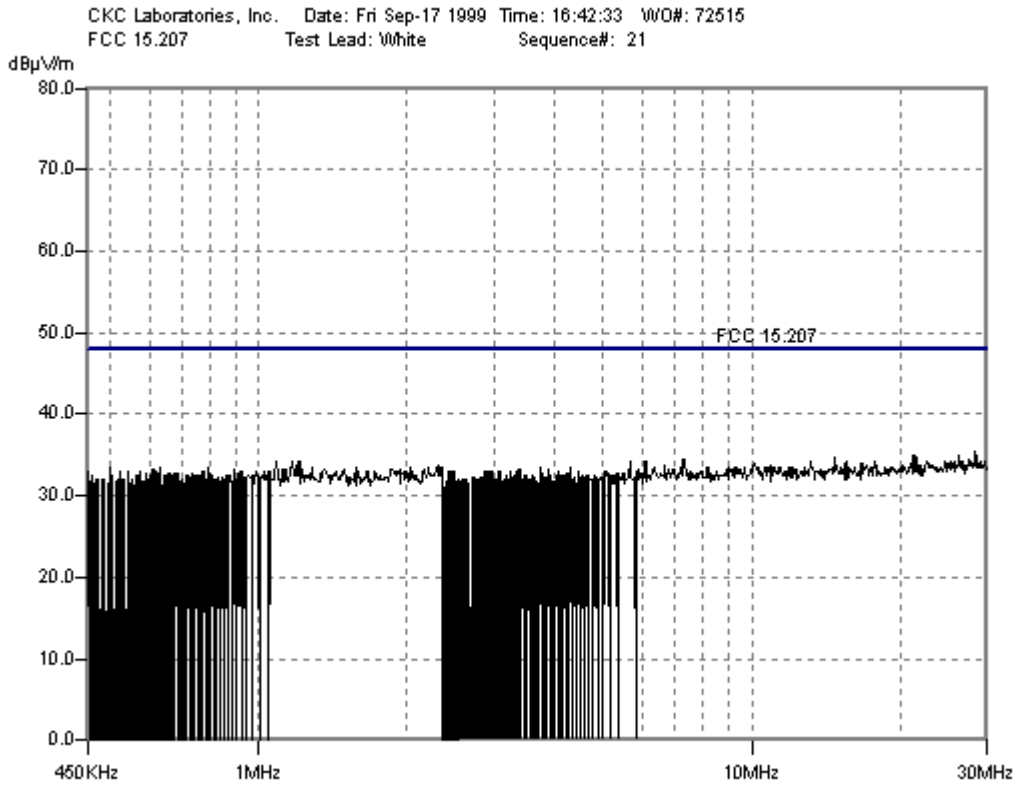
#	Freq MHz	Rdng dBµV	dB	L373w dB	cb0c dB	dB	Dist Table	Corr dBµV/m	Spec dBµV/m	Margin dB	Polar Ant
1	28.492M	34.2		+1.0	+0.3		+0.0	35.5	48.0	-12.5	White
2	28.758M	33.6		+1.0	+0.3		+0.0	34.9	48.0	-13.1	White
3	26.452M	33.6		+0.9	+0.4		+0.0	34.9	48.0	-13.1	White
4	21.351M	33.8		+0.8	+0.3		+0.0	34.9	48.0	-13.1	White
5	14.832M	34.0		+0.5	+0.3		+0.0	34.8	48.0	-13.2	White
6	21.751M	33.6		+0.8	+0.3		+0.0	34.7	48.0	-13.3	White
7	27.605M	33.2		+1.0	+0.3		+0.0	34.5	48.0	-13.5	White
8	7.281M	33.9		+0.3	+0.2		+0.0	34.4	48.0	-13.6	White
9	24.766M	33.1		+0.9	+0.3		+0.0	34.3	48.0	-13.7	White
10	15.630M	33.6		+0.5	+0.2		+0.0	34.3	48.0	-13.7	White
11	5.671M	34.0		+0.2	+0.1		+0.0	34.3	48.0	-13.7	White
12	26.807M	32.9		+0.9	+0.4		+0.0	34.2	48.0	-13.8	White
13	25.476M	32.9		+0.9	+0.4		+0.0	34.2	48.0	-13.8	White
14	17.759M	33.3		+0.6	+0.3		+0.0	34.2	48.0	-13.8	White
15	1.082M	34.1		+0.1	+0.0		+0.0	34.2	48.0	-13.8	White
16	29.778M	32.8		+1.0	+0.3		+0.0	34.1	48.0	-13.9	White
17	29.290M	32.8		+1.0	+0.3		+0.0	34.1	48.0	-13.9	White
18	27.960M	32.8		+1.0	+0.3		+0.0	34.1	48.0	-13.9	White
19	26.008M	32.8		+0.9	+0.4		+0.0	34.1	48.0	-13.9	White
20	22.682M	33.0		+0.8	+0.3		+0.0	34.1	48.0	-13.9	White
21	13.146M	33.3		+0.5	+0.3		+0.0	34.1	48.0	-13.9	White
22	6.092M	33.8		+0.2	+0.1		+0.0	34.1	48.0	-13.9	White
23	1.206M	33.9		+0.1	+0.1		+0.0	34.1	48.0	-13.9	White
24	1.168M	33.9		+0.1	+0.1		+0.0	34.1	48.0	-13.9	White

25	25.654M	32.6	+0.9	+0.4	+0.0	33.9	48.0	-14.1	White
26	25.299M	32.6	+0.9	+0.4	+0.0	33.9	48.0	-14.1	White
27	21.085M	32.9	+0.7	+0.3	+0.0	33.9	48.0	-14.1	White
28	16.739M	33.1	+0.6	+0.2	+0.0	33.9	48.0	-14.1	White
29	15.453M	33.2	+0.5	+0.2	+0.0	33.9	48.0	-14.1	White
30	10.154M	33.3	+0.4	+0.2	+0.0	33.9	48.0	-14.1	White
31	23.259M	32.7	+0.8	+0.3	+0.0	33.8	48.0	-14.2	White
32	20.243M	32.7	+0.7	+0.4	+0.0	33.8	48.0	-14.2	White
33	17.182M	32.9	+0.6	+0.3	+0.0	33.8	48.0	-14.2	White
34	10.922M	33.2	+0.4	+0.2	+0.0	33.8	48.0	-14.2	White
35	6.662M	33.4	+0.2	+0.2	+0.0	33.8	48.0	-14.2	White
36	2.314M	33.7	+0.1	+0.0	+0.0	33.8	48.0	-14.2	White
37	27.161M	32.5	+0.9	+0.3	+0.0	33.7	48.0	-14.3	White
38	22.105M	32.6	+0.8	+0.3	+0.0	33.7	48.0	-14.3	White
39	1.187M	33.5	+0.1	+0.1	+0.0	33.7	48.0	-14.3	White
40	15.275M	32.9	+0.5	+0.2	+0.0	33.6	48.0	-14.4	White
41	14.920M	32.8	+0.5	+0.3	+0.0	33.6	48.0	-14.4	White
42	14.566M	32.8	+0.5	+0.3	+0.0	33.6	48.0	-14.4	White
43	11.913M	33.0	+0.4	+0.2	+0.0	33.6	48.0	-14.4	White
44	11.392M	33.0	+0.4	+0.2	+0.0	33.6	48.0	-14.4	White
45	10.699M	33.0	+0.4	+0.2	+0.0	33.6	48.0	-14.4	White
46	8.123M	33.2	+0.3	+0.1	+0.0	33.6	48.0	-14.4	White
47	6.340M	33.3	+0.2	+0.1	+0.0	33.6	48.0	-14.4	White
48	3.739M	33.3	+0.1	+0.2	+0.0	33.6	48.0	-14.4	White
49	497.545k	33.6	+0.0	+0.0	+0.0	33.6	48.0	-14.4	White
50	23.791M	32.3	+0.9	+0.3	+0.0	33.5	48.0	-14.5	White
51	20.065M	32.4	+0.7	+0.4	+0.0	33.5	48.0	-14.5	White

52	19.400M	32.4	+0.7	+0.4	+0.0	33.5	48.0	-14.5	White
53	19.178M	32.4	+0.7	+0.4	+0.0	33.5	48.0	-14.5	White
54	18.690M	32.5	+0.7	+0.3	+0.0	33.5	48.0	-14.5	White
55	17.537M	32.6	+0.6	+0.3	+0.0	33.5	48.0	-14.5	White
56	12.111M	32.9	+0.4	+0.2	+0.0	33.5	48.0	-14.5	White
57	11.095M	32.9	+0.4	+0.2	+0.0	33.5	48.0	-14.5	White
58	9.386M	32.9	+0.4	+0.2	+0.0	33.5	48.0	-14.5	White
59	9.213M	32.9	+0.4	+0.2	+0.0	33.5	48.0	-14.5	White
60	2.024M	33.4	+0.1	+0.0	+0.0	33.5	48.0	-14.5	White
61	630.672k	33.4	+0.1	+0.0	+0.0	33.5	48.0	-14.5	White
62	16.207M	32.6	+0.6	+0.2	+0.0	33.4	48.0	-14.6	White
63	12.792M	32.7	+0.5	+0.2	+0.0	33.4	48.0	-14.6	White
64	10.377M	32.8	+0.4	+0.2	+0.0	33.4	48.0	-14.6	White
65	9.634M	32.8	+0.4	+0.2	+0.0	33.4	48.0	-14.6	White
66	9.039M	32.8	+0.4	+0.2	+0.0	33.4	48.0	-14.6	White
67	7.157M	32.9	+0.3	+0.2	+0.0	33.4	48.0	-14.6	White
68	4.284M	33.1	+0.1	+0.2	+0.0	33.4	48.0	-14.6	White
69	2.347M	33.3	+0.1	+0.0	+0.0	33.4	48.0	-14.6	White
70	2.219M	33.2	+0.1	+0.1	+0.0	33.4	48.0	-14.6	White
71	1.572M	33.3	+0.1	+0.0	+0.0	33.4	48.0	-14.6	White
72	1.282M	33.2	+0.1	+0.1	+0.0	33.4	48.0	-14.6	White
73	792.325k	33.3	+0.1	+0.0	+0.0	33.4	48.0	-14.6	White
74	18.912M	32.3	+0.7	+0.3	+0.0	33.3	48.0	-14.7	White
75	15.940M	32.6	+0.5	+0.2	+0.0	33.3	48.0	-14.7	White
76	13.767M	32.5	+0.5	+0.3	+0.0	33.3	48.0	-14.7	White
77	12.392M	32.6	+0.5	+0.2	+0.0	33.3	48.0	-14.7	White
78	12.259M	32.6	+0.5	+0.2	+0.0	33.3	48.0	-14.7	White

79	9.436M	32.7	+0.4	+0.2	+0.0	33.3	48.0	-14.7	White
80	8.891M	32.8	+0.3	+0.2	+0.0	33.3	48.0	-14.7	White
81	6.909M	32.9	+0.2	+0.2	+0.0	33.3	48.0	-14.7	White
82	6.785M	32.9	+0.2	+0.2	+0.0	33.3	48.0	-14.7	White
83	5.869M	33.0	+0.2	+0.1	+0.0	33.3	48.0	-14.7	White
84	2.166M	33.1	+0.1	+0.1	+0.0	33.3	48.0	-14.7	White
85	1.933M	33.1	+0.1	+0.1	+0.0	33.3	48.0	-14.7	White
86	1.853M	33.1	+0.1	+0.1	+0.0	33.3	48.0	-14.7	White
87	1.120M	33.2	+0.1	+0.0	+0.0	33.3	48.0	-14.7	White
88	611.653k	33.2	+0.1	+0.0	+0.0	33.3	48.0	-14.7	White
89	606.899k	33.2	+0.1	+0.0	+0.0	33.3	48.0	-14.7	White
90	6.959M	32.8	+0.2	+0.2	+0.0	33.2	48.0	-14.8	White
91	3.887M	32.9	+0.1	+0.2	+0.0	33.2	48.0	-14.8	White
92	3.392M	33.0	+0.1	+0.1	+0.0	33.2	48.0	-14.8	White
93	3.367M	33.0	+0.1	+0.1	+0.0	33.2	48.0	-14.8	White
94	1.491M	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White
95	1.358M	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White
96	1.230M	33.0	+0.1	+0.1	+0.0	33.2	48.0	-14.8	White

97	1.144M	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White
98	887.415k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White
99	768.552k	33.0	+0.1	+0.0	+0.0	33.1	48.0	-14.9	White
100	573.617k	33.0	+0.1	+0.0	+0.0	33.1	48.0	-14.9	White


CKC Laboratories, Inc. Date: Fri Sep-17 1999 Time: 16:42:33 WO#: 72515
FCC 15.207 Test Lead: White Sequence#: 21
dBµV/m
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70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
FCC 15.207
450KHz
1MHz
10MHz
30MHz

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC 15.207**		
Work Order #:	**72515**	Date:	Sat Sep-18-1999
Test Type:	**Conducted Emissions**	Time:	16:41:45
Equipment:	**Video Audio Transmitter**	Sequence#:	20
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-P+		
S/N:	none		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-P+	none

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. The camera is providing modulation of the video carrier. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by margin. Test Lead: Black

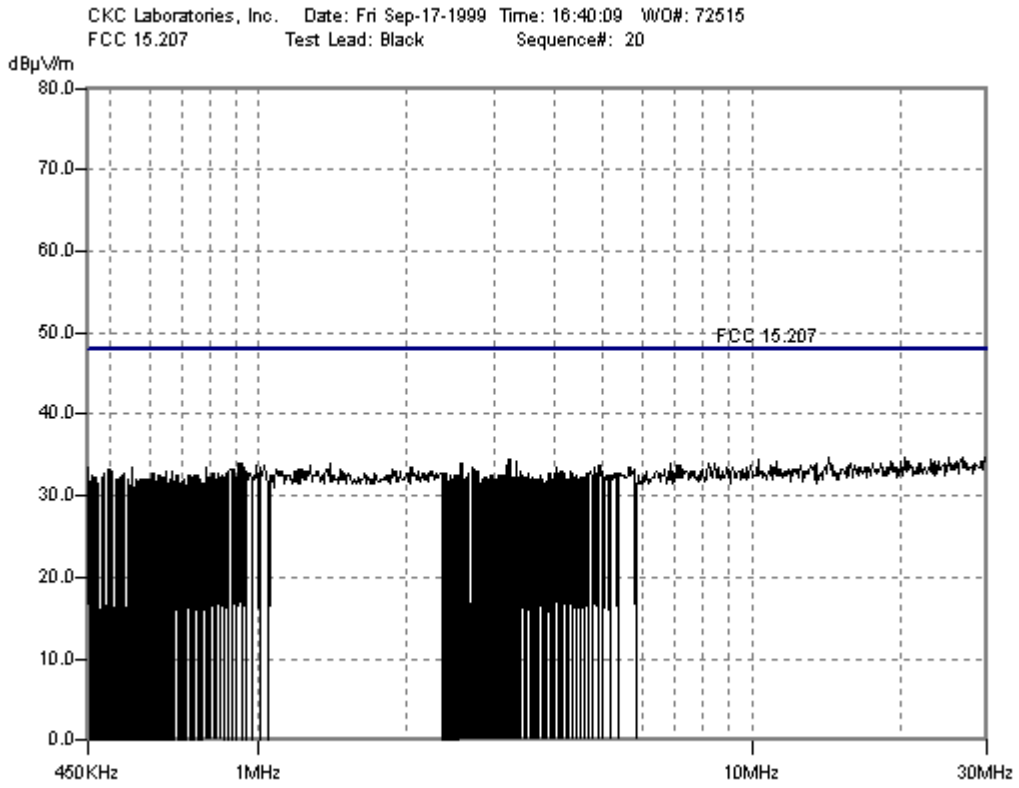
#	Freq MHz	Rdng dBµV	L373b dB	dB	cb0c dB	dB	Dist Table	Corr dBµV/m	Spec dBµV/m	Margin dB	Polar Ant
1	29.778M	33.4	+1.1		+0.3		+0.0	34.8	48.0	-13.2	Black
2	26.807M	33.4	+0.9		+0.4		+0.0	34.7	48.0	-13.3	Black
3	25.299M	33.5	+0.7		+0.4		+0.0	34.6	48.0	-13.4	Black
4	20.597M	33.7	+0.5		+0.4		+0.0	34.6	48.0	-13.4	Black
5	14.344M	33.8	+0.5		+0.3		+0.0	34.6	48.0	-13.4	Black
6	10.327M	34.1	+0.2		+0.2		+0.0	34.5	48.0	-13.5	Black
7	3.243M	34.3	+0.1		+0.1		+0.0	34.5	48.0	-13.5	Black
8	3.219M	34.3	+0.1		+0.1		+0.0	34.5	48.0	-13.5	Black
9	23.259M	33.5	+0.6		+0.3		+0.0	34.4	48.0	-13.6	Black
10	29.423M	32.9	+1.1		+0.3		+0.0	34.3	48.0	-13.7	Black
11	27.161M	33.1	+0.9		+0.3		+0.0	34.3	48.0	-13.7	Black
12	24.057M	33.2	+0.7		+0.3		+0.0	34.2	48.0	-13.8	Black
13	26.274M	32.9	+0.8		+0.4		+0.0	34.1	48.0	-13.9	Black

14	23.525M	33.2	+0.6	+0.3	+0.0	34.1	48.0	-13.9	Black
15	20.730M	33.2	+0.5	+0.4	+0.0	34.1	48.0	-13.9	Black
16	20.154M	33.2	+0.5	+0.4	+0.0	34.1	48.0	-13.9	Black
17	19.178M	33.2	+0.5	+0.4	+0.0	34.1	48.0	-13.9	Black
18	11.219M	33.6	+0.3	+0.2	+0.0	34.1	48.0	-13.9	Black
19	3.343M	33.9	+0.1	+0.1	+0.0	34.1	48.0	-13.9	Black
20	28.492M	32.7	+1.0	+0.3	+0.0	34.0	48.0	-14.0	Black
21	22.194M	33.1	+0.6	+0.3	+0.0	34.0	48.0	-14.0	Black
22	19.356M	33.1	+0.5	+0.4	+0.0	34.0	48.0	-14.0	Black
23	14.477M	33.2	+0.5	+0.3	+0.0	34.0	48.0	-14.0	Black
24	2.599M	33.8	+0.1	+0.1	+0.0	34.0	48.0	-14.0	Black
25	2.575M	33.8	+0.1	+0.1	+0.0	34.0	48.0	-14.0	Black
26	1.391M	34.0	+0.0	+0.0	+0.0	34.0	48.0	-14.0	Black
27	925.451k	33.9	+0.1	+0.0	+0.0	34.0	48.0	-14.0	Black
28	911.188k	33.9	+0.1	+0.0	+0.0	34.0	48.0	-14.0	Black
29	27.516M	32.7	+0.9	+0.3	+0.0	33.9	48.0	-14.1	Black
30	24.678M	32.9	+0.7	+0.3	+0.0	33.9	48.0	-14.1	Black
31	21.928M	33.0	+0.6	+0.3	+0.0	33.9	48.0	-14.1	Black
32	18.380M	33.1	+0.5	+0.3	+0.0	33.9	48.0	-14.1	Black
33	17.670M	33.1	+0.5	+0.3	+0.0	33.9	48.0	-14.1	Black
34	15.896M	33.2	+0.5	+0.2	+0.0	33.9	48.0	-14.1	Black
35	13.590M	33.2	+0.4	+0.3	+0.0	33.9	48.0	-14.1	Black
36	8.420M	33.6	+0.2	+0.1	+0.0	33.9	48.0	-14.1	Black
37	8.172M	33.6	+0.2	+0.1	+0.0	33.9	48.0	-14.1	Black
38	6.860M	33.6	+0.1	+0.2	+0.0	33.9	48.0	-14.1	Black
39	16.207M	33.1	+0.5	+0.2	+0.0	33.8	48.0	-14.2	Black
40	13.412M	33.1	+0.4	+0.3	+0.0	33.8	48.0	-14.2	Black

41	13.191M	33.1	+0.4	+0.3	+0.0	33.8	48.0	-14.2	Black
42	7.083M	33.4	+0.2	+0.2	+0.0	33.8	48.0	-14.2	Black
43	1.268M	33.7	+0.0	+0.1	+0.0	33.8	48.0	-14.2	Black
44	28.226M	32.4	+1.0	+0.3	+0.0	33.7	48.0	-14.3	Black
45	24.855M	32.7	+0.7	+0.3	+0.0	33.7	48.0	-14.3	Black
46	21.085M	32.9	+0.5	+0.3	+0.0	33.7	48.0	-14.3	Black
47	12.570M	33.1	+0.4	+0.2	+0.0	33.7	48.0	-14.3	Black
48	10.971M	33.2	+0.3	+0.2	+0.0	33.7	48.0	-14.3	Black
49	9.956M	33.3	+0.2	+0.2	+0.0	33.7	48.0	-14.3	Black
50	7.206M	33.3	+0.2	+0.2	+0.0	33.7	48.0	-14.3	Black
51	4.903M	33.4	+0.1	+0.2	+0.0	33.7	48.0	-14.3	Black
52	1.025M	33.7	+0.0	+0.0	+0.0	33.7	48.0	-14.3	Black
53	992.015k	33.7	+0.0	+0.0	+0.0	33.7	48.0	-14.3	Black
54	22.460M	32.7	+0.6	+0.3	+0.0	33.6	48.0	-14.4	Black
55	19.666M	32.7	+0.5	+0.4	+0.0	33.6	48.0	-14.4	Black
56	17.404M	32.8	+0.5	+0.3	+0.0	33.6	48.0	-14.4	Black
57	17.182M	32.8	+0.5	+0.3	+0.0	33.6	48.0	-14.4	Black
58	17.049M	32.8	+0.5	+0.3	+0.0	33.6	48.0	-14.4	Black
59	16.517M	32.9	+0.5	+0.2	+0.0	33.6	48.0	-14.4	Black
60	11.021M	33.1	+0.3	+0.2	+0.0	33.6	48.0	-14.4	Black
61	4.011M	33.3	+0.1	+0.2	+0.0	33.6	48.0	-14.4	Black
62	2.038M	33.6	+0.0	+0.0	+0.0	33.6	48.0	-14.4	Black
63	22.859M	32.6	+0.6	+0.3	+0.0	33.5	48.0	-14.5	Black
64	21.751M	32.6	+0.6	+0.3	+0.0	33.5	48.0	-14.5	Black
65	18.912M	32.7	+0.5	+0.3	+0.0	33.5	48.0	-14.5	Black
66	16.694M	32.8	+0.5	+0.2	+0.0	33.5	48.0	-14.5	Black
67	5.646M	33.3	+0.1	+0.1	+0.0	33.5	48.0	-14.5	Black

68	2.699M	33.3	+0.1	+0.1	+0.0	33.5	48.0	-14.5	Black
69	782.816k	33.3	+0.2	+0.0	+0.0	33.5	48.0	-14.5	Black
70	450.000k	33.4	+0.1	+0.0	+0.0	33.5	48.0	-14.5	Black
71	15.630M	32.7	+0.5	+0.2	+0.0	33.4	48.0	-14.6	Black
72	14.166M	32.6	+0.5	+0.3	+0.0	33.4	48.0	-14.6	Black
73	9.832M	33.0	+0.2	+0.2	+0.0	33.4	48.0	-14.6	Black
74	9.188M	33.0	+0.2	+0.2	+0.0	33.4	48.0	-14.6	Black
75	8.916M	33.0	+0.2	+0.2	+0.0	33.4	48.0	-14.6	Black
76	8.594M	33.0	+0.2	+0.2	+0.0	33.4	48.0	-14.6	Black
77	4.829M	33.1	+0.1	+0.2	+0.0	33.4	48.0	-14.6	Black
78	1.006M	33.4	+0.0	+0.0	+0.0	33.4	48.0	-14.6	Black
79	554.599k	33.4	+0.0	+0.0	+0.0	33.4	48.0	-14.6	Black
80	15.320M	32.6	+0.5	+0.2	+0.0	33.3	48.0	-14.7	Black
81	15.187M	32.6	+0.5	+0.2	+0.0	33.3	48.0	-14.7	Black
82	12.185M	32.8	+0.3	+0.2	+0.0	33.3	48.0	-14.7	Black
83	11.913M	32.8	+0.3	+0.2	+0.0	33.3	48.0	-14.7	Black
84	6.711M	33.0	+0.1	+0.2	+0.0	33.3	48.0	-14.7	Black
85	5.795M	33.1	+0.1	+0.1	+0.0	33.3	48.0	-14.7	Black
86	2.748M	33.1	+0.1	+0.1	+0.0	33.3	48.0	-14.7	Black
87	2.723M	33.1	+0.1	+0.1	+0.0	33.3	48.0	-14.7	Black
88	1.082M	33.3	+0.0	+0.0	+0.0	33.3	48.0	-14.7	Black
89	11.392M	32.7	+0.3	+0.2	+0.0	33.2	48.0	-14.8	Black
90	9.584M	32.8	+0.2	+0.2	+0.0	33.2	48.0	-14.8	Black
91	7.999M	32.9	+0.2	+0.1	+0.0	33.2	48.0	-14.8	Black
92	1.857M	33.1	+0.0	+0.1	+0.0	33.2	48.0	-14.8	Black
93	1.467M	33.2	+0.0	+0.0	+0.0	33.2	48.0	-14.8	Black
94	1.368M	33.2	+0.0	+0.0	+0.0	33.2	48.0	-14.8	Black

95	1.215M	33.1	+0.0	+0.1	+0.0	33.2	48.0	-14.8	Black
96	1.201M	33.1	+0.0	+0.1	+0.0	33.2	48.0	-14.8	Black
97	887.415k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	Black
98	873.152k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	Black
99	497.545k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	Black
100	492.791k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	Black


CKC Laboratories, Inc. Date: Fri Sep-17-1999 Time: 16:40:09 WO#: 72515
FCC 15.207 Test Lead: Black Sequence#: 20
dBµV/m
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
FCC 15.207
450KHz
1MHz
10MHz
30MHz

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC 15.207**		
Work Order #:	**72515**	Date:	Sat Sep-18-1999
Test Type:	**Conducted Emissions**	Time:	16:53:10
Equipment:	**Video Audio Transmitter**	Sequence#:	24
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-O		
S/N:	none		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-O	none

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. The camera is providing modulation of the video carrier. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by margin. Test Lead: Black

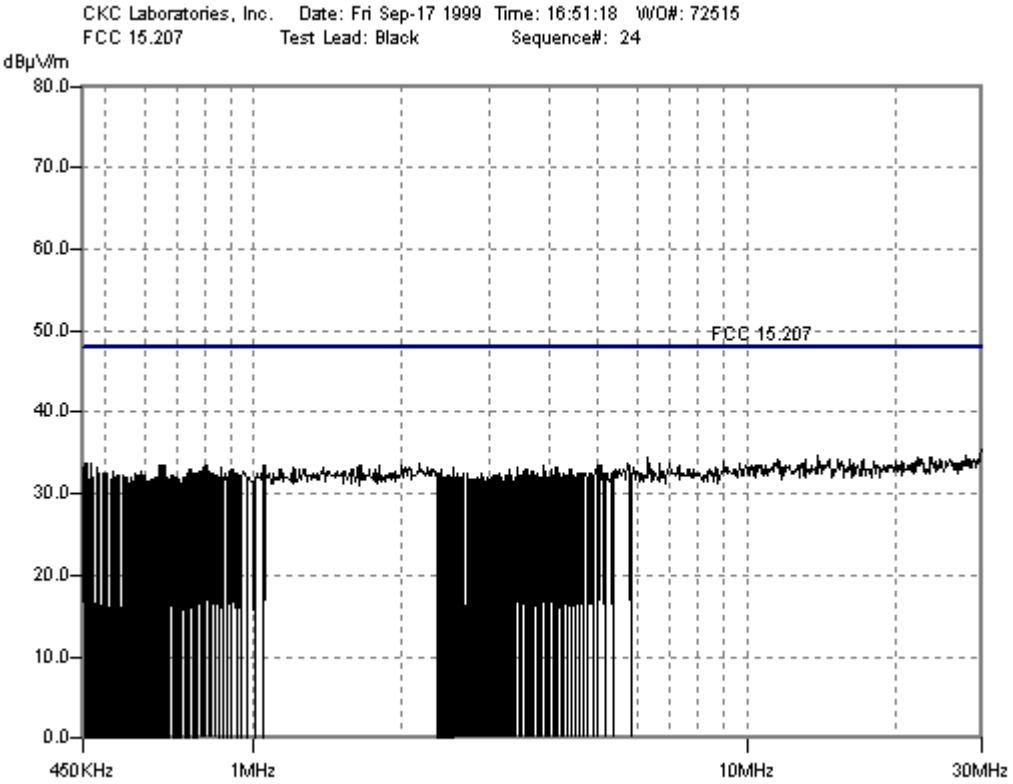
#	Freq MHz	Rdng dBµV	L373b dB	dB	cb0c dB	dB	Dist Table	Corr dBµV/m	Spec dBµV/m	Margin dB	Polar Ant
1	30.000M	34.3	+1.1		+0.3		+0.0	35.7	48.0	-12.3	Black
2	14.033M	34.0	+0.5		+0.3		+0.0	34.8	48.0	-13.2	Black
3	27.871M	33.4	+0.9		+0.3		+0.0	34.6	48.0	-13.4	Black
4	6.315M	34.3	+0.1		+0.1		+0.0	34.5	48.0	-13.5	Black
5	23.658M	33.4	+0.7		+0.3		+0.0	34.4	48.0	-13.6	Black
6	22.283M	33.5	+0.6		+0.3		+0.0	34.4	48.0	-13.6	Black
7	25.742M	33.1	+0.8		+0.4		+0.0	34.3	48.0	-13.7	Black
8	24.766M	33.3	+0.7		+0.3		+0.0	34.3	48.0	-13.7	Black
9	17.404M	33.5	+0.5		+0.3		+0.0	34.3	48.0	-13.7	Black
10	29.556M	32.8	+1.1		+0.3		+0.0	34.2	48.0	-13.8	Black
11	29.024M	32.9	+1.0		+0.3		+0.0	34.2	48.0	-13.8	Black
12	28.093M	32.9	+1.0		+0.3		+0.0	34.2	48.0	-13.8	Black
13	22.593M	33.3	+0.6		+0.3		+0.0	34.2	48.0	-13.8	Black
14	16.251M	33.5	+0.5		+0.2		+0.0	34.2	48.0	-13.8	Black

15	15.364M	33.5	+0.5	+0.2	+0.0	34.2	48.0	-13.8	Black
16	13.146M	33.5	+0.4	+0.3	+0.0	34.2	48.0	-13.8	Black
17	28.581M	32.8	+1.0	+0.3	+0.0	34.1	48.0	-13.9	Black
18	14.832M	33.3	+0.5	+0.3	+0.0	34.1	48.0	-13.9	Black
19	11.615M	33.6	+0.3	+0.2	+0.0	34.1	48.0	-13.9	Black
20	27.516M	32.8	+0.9	+0.3	+0.0	34.0	48.0	-14.0	Black
21	25.476M	32.9	+0.7	+0.4	+0.0	34.0	48.0	-14.0	Black
22	24.323M	33.0	+0.7	+0.3	+0.0	34.0	48.0	-14.0	Black
23	20.154M	33.1	+0.5	+0.4	+0.0	34.0	48.0	-14.0	Black
24	17.138M	33.2	+0.5	+0.3	+0.0	34.0	48.0	-14.0	Black
25	15.630M	33.3	+0.5	+0.2	+0.0	34.0	48.0	-14.0	Black
26	14.566M	33.2	+0.5	+0.3	+0.0	34.0	48.0	-14.0	Black
27	9.039M	33.6	+0.2	+0.2	+0.0	34.0	48.0	-14.0	Black
28	20.686M	33.0	+0.5	+0.4	+0.0	33.9	48.0	-14.1	Black
29	18.202M	33.1	+0.5	+0.3	+0.0	33.9	48.0	-14.1	Black
30	21.662M	32.9	+0.6	+0.3	+0.0	33.8	48.0	-14.2	Black
31	12.969M	33.1	+0.4	+0.3	+0.0	33.8	48.0	-14.2	Black
32	11.442M	33.3	+0.3	+0.2	+0.0	33.8	48.0	-14.2	Black
33	6.711M	33.5	+0.1	+0.2	+0.0	33.8	48.0	-14.2	Black
34	469.018k	33.7	+0.1	+0.0	+0.0	33.8	48.0	-14.2	Black
35	459.509k	33.7	+0.1	+0.0	+0.0	33.8	48.0	-14.2	Black
36	454.755k	33.7	+0.1	+0.0	+0.0	33.8	48.0	-14.2	Black
37	26.895M	32.4	+0.9	+0.4	+0.0	33.7	48.0	-14.3	Black
38	26.496M	32.5	+0.8	+0.4	+0.0	33.7	48.0	-14.3	Black
39	21.839M	32.8	+0.6	+0.3	+0.0	33.7	48.0	-14.3	Black
40	20.775M	32.8	+0.5	+0.4	+0.0	33.7	48.0	-14.3	Black
41	16.473M	33.0	+0.5	+0.2	+0.0	33.7	48.0	-14.3	Black

42	9.659M	33.3	+0.2	+0.2	+0.0	33.7	48.0	-14.3	Black
43	6.959M	33.4	+0.1	+0.2	+0.0	33.7	48.0	-14.3	Black
44	5.770M	33.5	+0.1	+0.1	+0.0	33.7	48.0	-14.3	Black
45	2.171M	33.6	+0.0	+0.1	+0.0	33.7	48.0	-14.3	Black
46	19.666M	32.7	+0.5	+0.4	+0.0	33.6	48.0	-14.4	Black
47	19.089M	32.7	+0.5	+0.4	+0.0	33.6	48.0	-14.4	Black
48	18.469M	32.8	+0.5	+0.3	+0.0	33.6	48.0	-14.4	Black
49	12.703M	33.0	+0.4	+0.2	+0.0	33.6	48.0	-14.4	Black
50	10.600M	33.2	+0.2	+0.2	+0.0	33.6	48.0	-14.4	Black
51	10.426M	33.2	+0.2	+0.2	+0.0	33.6	48.0	-14.4	Black
52	3.887M	33.3	+0.1	+0.2	+0.0	33.6	48.0	-14.4	Black
53	644.935k	33.6	+0.0	+0.0	+0.0	33.6	48.0	-14.4	Black
54	19.267M	32.6	+0.5	+0.4	+0.0	33.5	48.0	-14.5	Black
55	16.828M	32.8	+0.5	+0.2	+0.0	33.5	48.0	-14.5	Black
56	14.255M	32.7	+0.5	+0.3	+0.0	33.5	48.0	-14.5	Black
57	13.590M	32.8	+0.4	+0.3	+0.0	33.5	48.0	-14.5	Black
58	12.061M	33.0	+0.3	+0.2	+0.0	33.5	48.0	-14.5	Black
59	10.253M	33.1	+0.2	+0.2	+0.0	33.5	48.0	-14.5	Black
60	7.306M	33.1	+0.2	+0.2	+0.0	33.5	48.0	-14.5	Black
61	5.027M	33.2	+0.1	+0.2	+0.0	33.5	48.0	-14.5	Black
62	5.002M	33.2	+0.1	+0.2	+0.0	33.5	48.0	-14.5	Black
63	2.000M	33.5	+0.0	+0.0	+0.0	33.5	48.0	-14.5	Black
64	1.810M	33.5	+0.0	+0.0	+0.0	33.5	48.0	-14.5	Black
65	1.643M	33.5	+0.0	+0.0	+0.0	33.5	48.0	-14.5	Black
66	1.049M	33.5	+0.0	+0.0	+0.0	33.5	48.0	-14.5	Black
67	1.044M	33.5	+0.0	+0.0	+0.0	33.5	48.0	-14.5	Black
68	10.922M	32.9	+0.3	+0.2	+0.0	33.4	48.0	-14.6	Black

69	9.956M	33.0	+0.2	+0.2	+0.0	33.4	48.0	-14.6	Black
70	801.834k	33.2	+0.2	+0.0	+0.0	33.4	48.0	-14.6	Black
71	797.079k	33.2	+0.2	+0.0	+0.0	33.4	48.0	-14.6	Black
72	659.199k	33.4	+0.0	+0.0	+0.0	33.4	48.0	-14.6	Black
73	654.444k	33.4	+0.0	+0.0	+0.0	33.4	48.0	-14.6	Black
74	20.509M	32.4	+0.5	+0.4	+0.0	33.3	48.0	-14.7	Black
75	16.074M	32.6	+0.5	+0.2	+0.0	33.3	48.0	-14.7	Black
76	13.767M	32.6	+0.4	+0.3	+0.0	33.3	48.0	-14.7	Black
77	9.114M	32.9	+0.2	+0.2	+0.0	33.3	48.0	-14.7	Black
78	2.550M	33.1	+0.1	+0.1	+0.0	33.3	48.0	-14.7	Black
79	2.076M	33.3	+0.0	+0.0	+0.0	33.3	48.0	-14.7	Black
80	1.629M	33.3	+0.0	+0.0	+0.0	33.3	48.0	-14.7	Black
81	1.382M	33.3	+0.0	+0.0	+0.0	33.3	48.0	-14.7	Black
82	1.201M	33.2	+0.0	+0.1	+0.0	33.3	48.0	-14.7	Black
83	478.527k	33.2	+0.1	+0.0	+0.0	33.3	48.0	-14.7	Black
84	11.913M	32.7	+0.3	+0.2	+0.0	33.2	48.0	-14.8	Black
85	11.813M	32.7	+0.3	+0.2	+0.0	33.2	48.0	-14.8	Black
86	8.693M	32.8	+0.2	+0.2	+0.0	33.2	48.0	-14.8	Black
87	7.256M	32.8	+0.2	+0.2	+0.0	33.2	48.0	-14.8	Black
88	5.869M	33.0	+0.1	+0.1	+0.0	33.2	48.0	-14.8	Black
89	4.110M	32.9	+0.1	+0.2	+0.0	33.2	48.0	-14.8	Black
90	3.417M	33.0	+0.1	+0.1	+0.0	33.2	48.0	-14.8	Black
91	2.257M	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	Black
92	2.024M	33.2	+0.0	+0.0	+0.0	33.2	48.0	-14.8	Black
93	858.888k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	Black
94	450.000k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	Black
95	1.596M	33.1	+0.0	+0.0	+0.0	33.1	48.0	-14.9	Black

96	1.582M	33.1	+0.0	+0.0	+0.0	33.1	48.0	-14.9	Black
97	1.277M	33.0	+0.0	+0.1	+0.0	33.1	48.0	-14.9	Black
98	1.130M	33.1	+0.0	+0.0	+0.0	33.1	48.0	-14.9	Black
99	744.780k	33.0	+0.1	+0.0	+0.0	33.1	48.0	-14.9	Black
100	740.025k	33.0	+0.1	+0.0	+0.0	33.1	48.0	-14.9	Black


CKC Laboratories, Inc. Date: Fri Sep-17 1999 Time: 16:51:18 WO#: 72515
FCC 15.207 Test Lead: Black Sequence#: 24
dBµV/m
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
FCC 15.207
450KHz
1MHz
10MHz
30MHz

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC 15.207**		
Work Order #:	**72515**	Date:	Sat Sep-18-1999
Test Type:	**Conducted Emissions**	Time:	16:55:19
Equipment:	**Video Audio Transmitter**	Sequence#:	25
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-O		
S/N:	none		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-O	none

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. The camera is providing modulation of the video carrier. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by margin. Test Lead: White

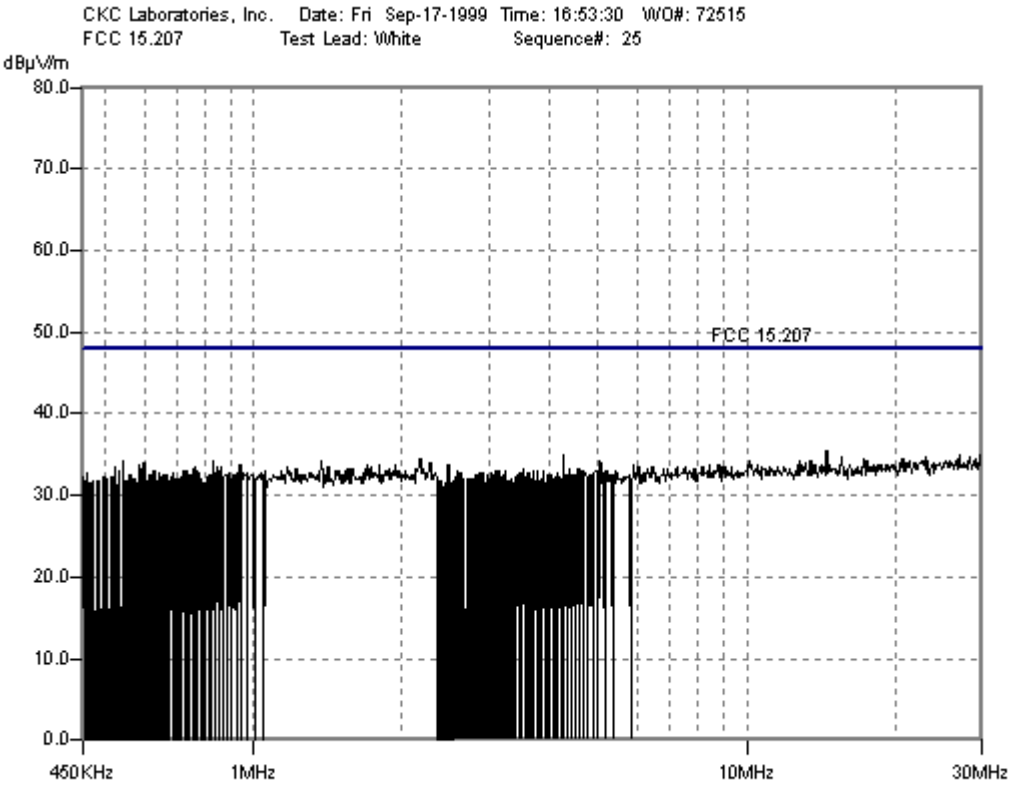
#	Freq MHz	Rdng dBµV	dB	L373w dB	cb0c dB	dB	Dist Table	Corr dBµV/m	Spec dBµV/m	Margin dB	Polar Ant
1	14.521M	34.6		+0.5	+0.3		+0.0	35.4	48.0	-12.6	White
2	29.911M	33.7		+1.0	+0.3		+0.0	35.0	48.0	-13.0	White
3	27.028M	33.7		+0.9	+0.3		+0.0	34.9	48.0	-13.1	White
4	4.234M	34.6		+0.1	+0.2		+0.0	34.9	48.0	-13.1	White
5	15.586M	34.1		+0.5	+0.2		+0.0	34.8	48.0	-13.2	White
6	28.403M	33.4		+1.0	+0.3		+0.0	34.7	48.0	-13.3	White
7	23.259M	33.5		+0.8	+0.3		+0.0	34.6	48.0	-13.4	White
8	29.157M	33.2		+1.0	+0.3		+0.0	34.5	48.0	-13.5	White
9	17.404M	33.6		+0.6	+0.3		+0.0	34.5	48.0	-13.5	White
10	20.730M	33.3		+0.7	+0.4		+0.0	34.4	48.0	-13.6	White
11	2.176M	34.2		+0.1	+0.1		+0.0	34.4	48.0	-13.6	White
12	26.629M	33.0		+0.9	+0.4		+0.0	34.3	48.0	-13.7	White
13	25.920M	33.0		+0.9	+0.4		+0.0	34.3	48.0	-13.7	White

14	17.582M	33.4	+0.6	+0.3	+0.0	34.3	48.0	-13.7	White
15	12.836M	33.6	+0.5	+0.2	+0.0	34.3	48.0	-13.7	White
16	830.361k	34.2	+0.1	+0.0	+0.0	34.3	48.0	-13.7	White
17	22.948M	33.1	+0.8	+0.3	+0.0	34.2	48.0	-13.8	White
18	21.573M	33.1	+0.8	+0.3	+0.0	34.2	48.0	-13.8	White
19	5.027M	33.9	+0.1	+0.2	+0.0	34.2	48.0	-13.8	White
20	28.226M	32.8	+1.0	+0.3	+0.0	34.1	48.0	-13.9	White
21	25.387M	32.8	+0.9	+0.4	+0.0	34.1	48.0	-13.9	White
22	13.501M	33.3	+0.5	+0.3	+0.0	34.1	48.0	-13.9	White
23	10.154M	33.5	+0.4	+0.2	+0.0	34.1	48.0	-13.9	White
24	1.368M	34.0	+0.1	+0.0	+0.0	34.1	48.0	-13.9	White
25	545.090k	34.1	+0.0	+0.0	+0.0	34.1	48.0	-13.9	White
26	29.556M	32.7	+1.0	+0.3	+0.0	34.0	48.0	-14.0	White
27	24.678M	32.8	+0.9	+0.3	+0.0	34.0	48.0	-14.0	White
28	24.057M	32.8	+0.9	+0.3	+0.0	34.0	48.0	-14.0	White
29	21.174M	32.9	+0.8	+0.3	+0.0	34.0	48.0	-14.0	White
30	602.144k	33.9	+0.1	+0.0	+0.0	34.0	48.0	-14.0	White
31	597.390k	33.9	+0.1	+0.0	+0.0	34.0	48.0	-14.0	White
32	27.694M	32.6	+1.0	+0.3	+0.0	33.9	48.0	-14.1	White
33	22.105M	32.8	+0.8	+0.3	+0.0	33.9	48.0	-14.1	White
34	21.928M	32.8	+0.8	+0.3	+0.0	33.9	48.0	-14.1	White
35	20.597M	32.8	+0.7	+0.4	+0.0	33.9	48.0	-14.1	White
36	13.191M	33.1	+0.5	+0.3	+0.0	33.9	48.0	-14.1	White
37	2.280M	33.8	+0.1	+0.0	+0.0	33.9	48.0	-14.1	White
38	19.356M	32.7	+0.7	+0.4	+0.0	33.8	48.0	-14.2	White
39	18.114M	32.9	+0.6	+0.3	+0.0	33.8	48.0	-14.2	White
40	16.207M	33.0	+0.6	+0.2	+0.0	33.8	48.0	-14.2	White

41	14.832M	33.0	+0.5	+0.3	+0.0	33.8	48.0	-14.2	White
42	10.501M	33.2	+0.4	+0.2	+0.0	33.8	48.0	-14.2	White
43	583.126k	33.7	+0.1	+0.0	+0.0	33.8	48.0	-14.2	White
44	19.799M	32.6	+0.7	+0.4	+0.0	33.7	48.0	-14.3	White
45	18.779M	32.7	+0.7	+0.3	+0.0	33.7	48.0	-14.3	White
46	18.469M	32.8	+0.6	+0.3	+0.0	33.7	48.0	-14.3	White
47	14.211M	32.9	+0.5	+0.3	+0.0	33.7	48.0	-14.3	White
48	13.723M	32.9	+0.5	+0.3	+0.0	33.7	48.0	-14.3	White
49	13.412M	32.9	+0.5	+0.3	+0.0	33.7	48.0	-14.3	White
50	12.703M	33.0	+0.5	+0.2	+0.0	33.7	48.0	-14.3	White
51	10.080M	33.1	+0.4	+0.2	+0.0	33.7	48.0	-14.3	White
52	8.767M	33.2	+0.3	+0.2	+0.0	33.7	48.0	-14.3	White
53	8.445M	33.3	+0.3	+0.1	+0.0	33.7	48.0	-14.3	White
54	5.894M	33.4	+0.2	+0.1	+0.0	33.7	48.0	-14.3	White
55	2.500M	33.6	+0.1	+0.0	+0.0	33.7	48.0	-14.3	White
56	2.476M	33.6	+0.1	+0.0	+0.0	33.7	48.0	-14.3	White
57	1.933M	33.5	+0.1	+0.1	+0.0	33.7	48.0	-14.3	White
58	1.800M	33.6	+0.1	+0.0	+0.0	33.7	48.0	-14.3	White
59	1.696M	33.6	+0.1	+0.0	+0.0	33.7	48.0	-14.3	White
60	944.469k	33.6	+0.1	+0.0	+0.0	33.7	48.0	-14.3	White
61	939.715k	33.6	+0.1	+0.0	+0.0	33.7	48.0	-14.3	White
62	18.291M	32.7	+0.6	+0.3	+0.0	33.6	48.0	-14.4	White
63	14.344M	32.8	+0.5	+0.3	+0.0	33.6	48.0	-14.4	White
64	11.169M	33.0	+0.4	+0.2	+0.0	33.6	48.0	-14.4	White
65	9.386M	33.0	+0.4	+0.2	+0.0	33.6	48.0	-14.4	White
66	8.123M	33.2	+0.3	+0.1	+0.0	33.6	48.0	-14.4	White
67	7.231M	33.1	+0.3	+0.2	+0.0	33.6	48.0	-14.4	White

68	6.042M	33.3	+0.2	+0.1	+0.0	33.6	48.0	-14.4	White
69	1.168M	33.4	+0.1	+0.1	+0.0	33.6	48.0	-14.4	White
70	526.072k	33.6	+0.0	+0.0	+0.0	33.6	48.0	-14.4	White
71	521.318k	33.6	+0.0	+0.0	+0.0	33.6	48.0	-14.4	White
72	17.759M	32.6	+0.6	+0.3	+0.0	33.5	48.0	-14.5	White
73	11.962M	32.9	+0.4	+0.2	+0.0	33.5	48.0	-14.5	White
74	11.615M	32.9	+0.4	+0.2	+0.0	33.5	48.0	-14.5	White
75	8.940M	32.9	+0.4	+0.2	+0.0	33.5	48.0	-14.5	White
76	7.553M	33.1	+0.3	+0.1	+0.0	33.5	48.0	-14.5	White
77	6.488M	33.1	+0.2	+0.2	+0.0	33.5	48.0	-14.5	White
78	6.389M	33.2	+0.2	+0.1	+0.0	33.5	48.0	-14.5	White
79	1.415M	33.4	+0.1	+0.0	+0.0	33.5	48.0	-14.5	White
80	858.888k	33.4	+0.1	+0.0	+0.0	33.5	48.0	-14.5	White
81	839.870k	33.4	+0.1	+0.0	+0.0	33.5	48.0	-14.5	White
82	16.872M	32.6	+0.6	+0.2	+0.0	33.4	48.0	-14.6	White
83	10.773M	32.8	+0.4	+0.2	+0.0	33.4	48.0	-14.6	White
84	9.089M	32.8	+0.4	+0.2	+0.0	33.4	48.0	-14.6	White
85	1.734M	33.3	+0.1	+0.0	+0.0	33.4	48.0	-14.6	White
86	763.798k	33.3	+0.1	+0.0	+0.0	33.4	48.0	-14.6	White
87	14.965M	32.5	+0.5	+0.3	+0.0	33.3	48.0	-14.7	White
88	11.863M	32.7	+0.4	+0.2	+0.0	33.3	48.0	-14.7	White
89	6.909M	32.9	+0.2	+0.2	+0.0	33.3	48.0	-14.7	White
90	6.290M	33.0	+0.2	+0.1	+0.0	33.3	48.0	-14.7	White
91	2.138M	33.2	+0.1	+0.0	+0.0	33.3	48.0	-14.7	White
92	1.895M	33.1	+0.1	+0.1	+0.0	33.3	48.0	-14.7	White
93	1.215M	33.1	+0.1	+0.1	+0.0	33.3	48.0	-14.7	White
94	4.556M	32.9	+0.1	+0.2	+0.0	33.2	48.0	-14.8	White

95	4.383M	32.9	+0.1	+0.2	+0.0	33.2	48.0	-14.8	White
96	3.516M	32.9	+0.1	+0.2	+0.0	33.2	48.0	-14.8	White
97	2.219M	33.0	+0.1	+0.1	+0.0	33.2	48.0	-14.8	White
98	1.586M	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White
99	1.553M	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White
100	754.289k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White


CKC Laboratories, Inc. Date: Fri Sep-17-1999 Time: 16:53:30 WO#: 72515
FCC 15.207 Test Lead: White Sequence#: 25
dBµV/m
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
FCC 15.207
450KHz
1MHz
10MHz
30MHz

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC 15.207**		
Work Order #:	**72515**	Date:	Sat Sep-18-1999
Test Type:	**Conducted Emissions**	Time:	16:48:23
Equipment:	**Video Audio Transmitter**	Sequence#:	22
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-P		
S/N:	none		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-P	none

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. The camera is providing modulation of the video carrier. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by margin. Test Lead: White

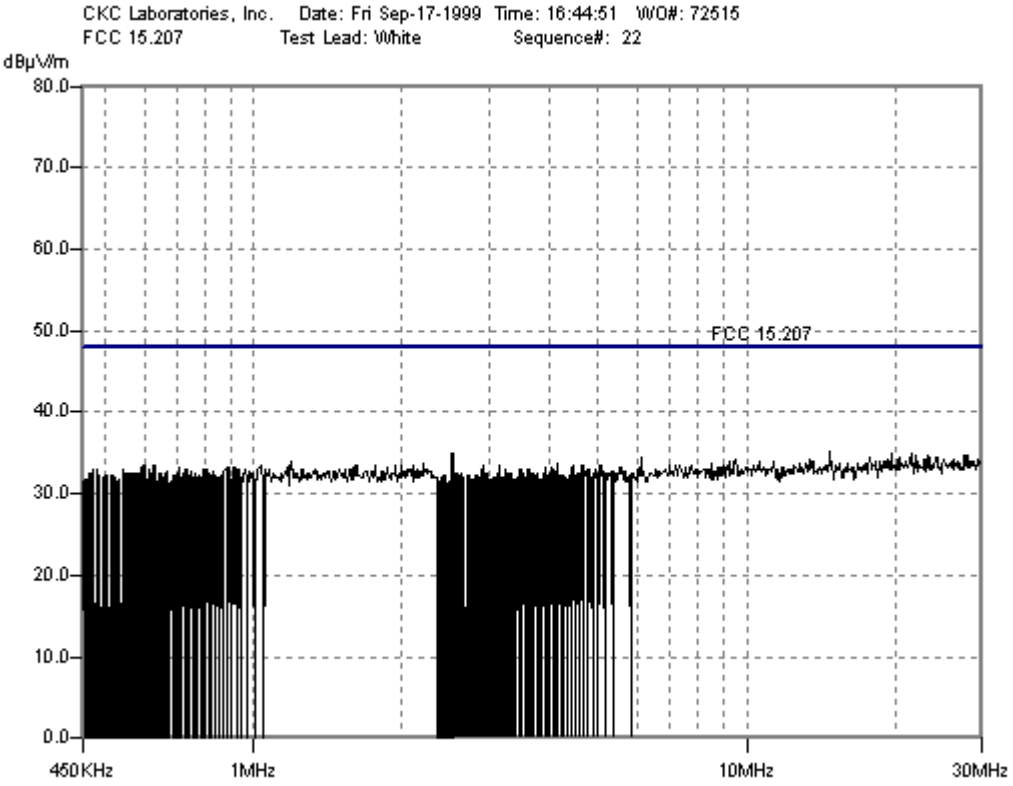
#	Freq MHz	Rdng dBµV	dB	L373w dB	cb0c dB	dB	Dist Table	Corr dBµV/m	Spec dBµV/m	Margin dB	Polar Ant
1	14.832M	34.3		+0.5	+0.3		+0.0	35.1	48.0	-12.9	White
2	2.550M	34.8		+0.1	+0.1		+0.0	35.0	48.0	-13.0	White
3	21.662M	33.8		+0.8	+0.3		+0.0	34.9	48.0	-13.1	White
4	19.710M	33.8		+0.7	+0.4		+0.0	34.9	48.0	-13.1	White
5	2.525M	34.8		+0.1	+0.0		+0.0	34.9	48.0	-13.1	White
6	28.137M	33.3		+1.0	+0.3		+0.0	34.6	48.0	-13.4	White
7	27.738M	33.3		+1.0	+0.3		+0.0	34.6	48.0	-13.4	White
8	23.436M	33.5		+0.8	+0.3		+0.0	34.6	48.0	-13.4	White
9	22.194M	33.5		+0.8	+0.3		+0.0	34.6	48.0	-13.4	White
10	24.367M	33.3		+0.9	+0.3		+0.0	34.5	48.0	-13.5	White
11	23.613M	33.4		+0.8	+0.3		+0.0	34.5	48.0	-13.5	White
12	20.509M	33.4		+0.7	+0.4		+0.0	34.5	48.0	-13.5	White
13	17.759M	33.6		+0.6	+0.3		+0.0	34.5	48.0	-13.5	White

14	6.117M	34.2	+0.2	+0.1	+0.0	34.5	48.0	-13.5	White
15	25.299M	33.0	+0.9	+0.4	+0.0	34.3	48.0	-13.7	White
16	19.400M	33.2	+0.7	+0.4	+0.0	34.3	48.0	-13.7	White
17	29.645M	32.9	+1.0	+0.3	+0.0	34.2	48.0	-13.8	White
18	26.452M	32.9	+0.9	+0.4	+0.0	34.2	48.0	-13.8	White
19	20.243M	33.1	+0.7	+0.4	+0.0	34.2	48.0	-13.8	White
20	23.037M	33.0	+0.8	+0.3	+0.0	34.1	48.0	-13.9	White
21	13.412M	33.3	+0.5	+0.3	+0.0	34.1	48.0	-13.9	White
22	9.510M	33.5	+0.4	+0.2	+0.0	34.1	48.0	-13.9	White
23	28.936M	32.7	+1.0	+0.3	+0.0	34.0	48.0	-14.0	White
24	28.403M	32.7	+1.0	+0.3	+0.0	34.0	48.0	-14.0	White
25	26.895M	32.7	+0.9	+0.4	+0.0	34.0	48.0	-14.0	White
26	26.186M	32.7	+0.9	+0.4	+0.0	34.0	48.0	-14.0	White
27	19.178M	32.9	+0.7	+0.4	+0.0	34.0	48.0	-14.0	White
28	13.634M	33.2	+0.5	+0.3	+0.0	34.0	48.0	-14.0	White
29	11.343M	33.4	+0.4	+0.2	+0.0	34.0	48.0	-14.0	White
30	1.187M	33.8	+0.1	+0.1	+0.0	34.0	48.0	-14.0	White
31	22.371M	32.8	+0.8	+0.3	+0.0	33.9	48.0	-14.1	White
32	21.085M	32.9	+0.7	+0.3	+0.0	33.9	48.0	-14.1	White
33	19.001M	32.8	+0.7	+0.4	+0.0	33.9	48.0	-14.1	White
34	18.646M	32.9	+0.7	+0.3	+0.0	33.9	48.0	-14.1	White
35	18.380M	33.0	+0.6	+0.3	+0.0	33.9	48.0	-14.1	White
36	10.625M	33.3	+0.4	+0.2	+0.0	33.9	48.0	-14.1	White
37	9.262M	33.3	+0.4	+0.2	+0.0	33.9	48.0	-14.1	White
38	26.008M	32.5	+0.9	+0.4	+0.0	33.8	48.0	-14.2	White
39	17.493M	32.9	+0.6	+0.3	+0.0	33.8	48.0	-14.2	White
40	16.783M	33.0	+0.6	+0.2	+0.0	33.8	48.0	-14.2	White

41	15.541M	33.1	+0.5	+0.2	+0.0	33.8	48.0	-14.2	White
42	13.191M	33.0	+0.5	+0.3	+0.0	33.8	48.0	-14.2	White
43	12.880M	33.1	+0.5	+0.2	+0.0	33.8	48.0	-14.2	White
44	20.686M	32.6	+0.7	+0.4	+0.0	33.7	48.0	-14.3	White
45	16.074M	33.0	+0.5	+0.2	+0.0	33.7	48.0	-14.3	White
46	8.494M	33.2	+0.3	+0.2	+0.0	33.7	48.0	-14.3	White
47	4.135M	33.4	+0.1	+0.2	+0.0	33.7	48.0	-14.3	White
48	2.209M	33.5	+0.1	+0.1	+0.0	33.7	48.0	-14.3	White
49	23.791M	32.4	+0.9	+0.3	+0.0	33.6	48.0	-14.4	White
50	18.823M	32.6	+0.7	+0.3	+0.0	33.6	48.0	-14.4	White
51	17.315M	32.7	+0.6	+0.3	+0.0	33.6	48.0	-14.4	White
52	15.098M	32.9	+0.5	+0.2	+0.0	33.6	48.0	-14.4	White
53	12.525M	32.9	+0.5	+0.2	+0.0	33.6	48.0	-14.4	White
54	7.330M	33.1	+0.3	+0.2	+0.0	33.6	48.0	-14.4	White
55	2.946M	33.4	+0.1	+0.1	+0.0	33.6	48.0	-14.4	White
56	2.105M	33.5	+0.1	+0.0	+0.0	33.6	48.0	-14.4	White
57	1.952M	33.5	+0.1	+0.0	+0.0	33.6	48.0	-14.4	White
58	1.762M	33.5	+0.1	+0.0	+0.0	33.6	48.0	-14.4	White
59	1.035M	33.5	+0.1	+0.0	+0.0	33.6	48.0	-14.4	White
60	602.144k	33.5	+0.1	+0.0	+0.0	33.6	48.0	-14.4	White
61	597.390k	33.5	+0.1	+0.0	+0.0	33.6	48.0	-14.4	White
62	14.477M	32.7	+0.5	+0.3	+0.0	33.5	48.0	-14.5	White
63	8.990M	32.9	+0.4	+0.2	+0.0	33.5	48.0	-14.5	White
64	7.206M	33.0	+0.3	+0.2	+0.0	33.5	48.0	-14.5	White
65	6.984M	33.1	+0.2	+0.2	+0.0	33.5	48.0	-14.5	White
66	4.457M	33.2	+0.1	+0.2	+0.0	33.5	48.0	-14.5	White
67	2.000M	33.4	+0.1	+0.0	+0.0	33.5	48.0	-14.5	White

68	625.917k	33.4	+0.1	+0.0	+0.0	33.5	48.0	-14.5	White
69	10.377M	32.8	+0.4	+0.2	+0.0	33.4	48.0	-14.6	White
70	9.188M	32.8	+0.4	+0.2	+0.0	33.4	48.0	-14.6	White
71	7.727M	33.0	+0.3	+0.1	+0.0	33.4	48.0	-14.6	White
72	5.052M	33.1	+0.1	+0.2	+0.0	33.4	48.0	-14.6	White
73	4.680M	33.1	+0.1	+0.2	+0.0	33.4	48.0	-14.6	White
74	4.655M	33.1	+0.1	+0.2	+0.0	33.4	48.0	-14.6	White
75	3.144M	33.2	+0.1	+0.1	+0.0	33.4	48.0	-14.6	White
76	1.615M	33.3	+0.1	+0.0	+0.0	33.4	48.0	-14.6	White
77	14.388M	32.5	+0.5	+0.3	+0.0	33.3	48.0	-14.7	White
78	10.823M	32.7	+0.4	+0.2	+0.0	33.3	48.0	-14.7	White
79	10.129M	32.7	+0.4	+0.2	+0.0	33.3	48.0	-14.7	White
80	9.931M	32.7	+0.4	+0.2	+0.0	33.3	48.0	-14.7	White
81	8.742M	32.8	+0.3	+0.2	+0.0	33.3	48.0	-14.7	White
82	7.652M	32.9	+0.3	+0.1	+0.0	33.3	48.0	-14.7	White
83	7.553M	32.9	+0.3	+0.1	+0.0	33.3	48.0	-14.7	White
84	5.547M	33.1	+0.1	+0.1	+0.0	33.3	48.0	-14.7	White
85	3.912M	33.0	+0.1	+0.2	+0.0	33.3	48.0	-14.7	White
86	1.168M	33.1	+0.1	+0.1	+0.0	33.3	48.0	-14.7	White
87	16.473M	32.4	+0.6	+0.2	+0.0	33.2	48.0	-14.8	White
88	16.340M	32.4	+0.6	+0.2	+0.0	33.2	48.0	-14.8	White
89	11.863M	32.6	+0.4	+0.2	+0.0	33.2	48.0	-14.8	White
90	11.764M	32.6	+0.4	+0.2	+0.0	33.2	48.0	-14.8	White
91	8.841M	32.7	+0.3	+0.2	+0.0	33.2	48.0	-14.8	White
92	4.036M	32.9	+0.1	+0.2	+0.0	33.2	48.0	-14.8	White
93	1.862M	33.0	+0.1	+0.1	+0.0	33.2	48.0	-14.8	White
94	1.591M	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White

95	911.188k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White
96	887.415k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White
97	882.661k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White
98	706.744k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	White
99	4.928M	32.8	+0.1	+0.2	+0.0	33.1	48.0	-14.9	White
100	4.061M	32.8	+0.1	+0.2	+0.0	33.1	48.0	-14.9	White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FCC 15.207 Test Lead: White Sequence#: 22
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60.0
50.0
40.0
30.0
20.0
10.0
0.0
FCC 15.207
450KHz
1MHz
10MHz
30MHz

Test Location:	CKC Laboratories, Inc. • 22105 Wilson River Hwy • Tillamook, OR 97141 • 800 500-4EMC		
Customer:	**Advanced Electronics Group, Inc.**		
Specification:	**FCC 15.207**		
Work Order #:	**72515**	Date:	Sat Sep-18-1999
Test Type:	**Conducted Emissions**	Time:	16:50:45
Equipment:	**Video Audio Transmitter**	Sequence#:	23
Manufacturer:	Advanced Electronics Group, Inc.	Tested By:	Adam Ross
Model:	TX888MOD-P		
S/N:	none		

***Equipment Under Test* (* = EUT):**

Function	Manufacturer	Model #	S/N
Video Audio Transmitter*	Advanced Electronics Group, Inc.	TX888MOD-P	none

Support Devices:

Function	Manufacturer	Model #	S/N
Power Supply (12 VCD, 400 mA)	RF Link Technology	LPS-1240	none

Test Conditions / Notes:

The EUT is placed on the test table with the antenna-port connected to the spectrum analyzer and the camera adjacent to the transmitter. The camera is providing modulation of the video carrier. A 2.5 kHz tone from the function generator is modulating the audio carrier. The transmitter is continuously transmitting. The frequency range of investigation is 9 kHz to 26 GHz. The temperature is 70°F. The humidity is 40%.

Measurement Data: Reading listed by margin. Test Lead: Black

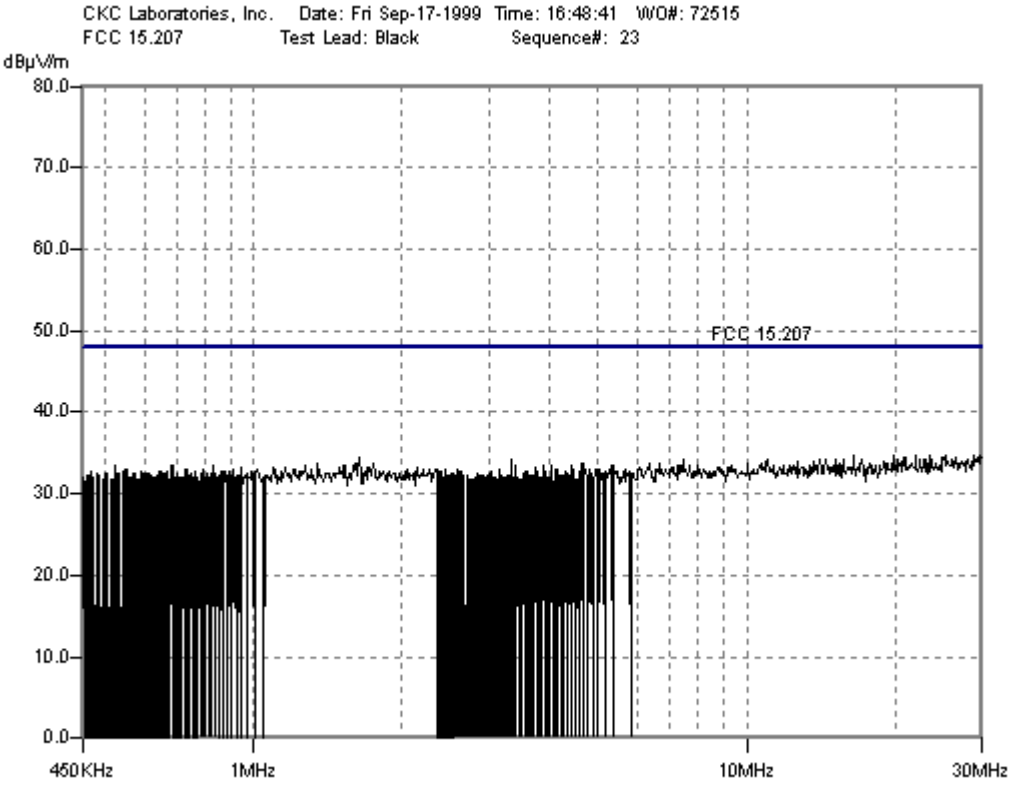
#	Freq MHz	Rdng dBµV	L373b dB	dB	cb0c dB	dB	Dist Table	Corr dBµV/m	Spec dBµV/m	Margin dB	Polar Ant
1	22.105M	33.9	+0.6		+0.3		+0.0	34.8	48.0	-13.2	Black
2	30.000M	33.3	+1.1		+0.3		+0.0	34.7	48.0	-13.3	Black
3	29.024M	33.4	+1.0		+0.3		+0.0	34.7	48.0	-13.3	Black
4	16.517M	34.0	+0.5		+0.2		+0.0	34.7	48.0	-13.3	Black
5	29.734M	33.2	+1.1		+0.3		+0.0	34.6	48.0	-13.4	Black
6	25.387M	33.5	+0.7		+0.4		+0.0	34.6	48.0	-13.4	Black
7	23.525M	33.7	+0.6		+0.3		+0.0	34.6	48.0	-13.4	Black
8	19.888M	33.7	+0.5		+0.4		+0.0	34.6	48.0	-13.4	Black
9	29.468M	33.1	+1.1		+0.3		+0.0	34.5	48.0	-13.5	Black
10	20.908M	33.6	+0.5		+0.4		+0.0	34.5	48.0	-13.5	Black
11	26.718M	33.2	+0.8		+0.4		+0.0	34.4	48.0	-13.6	Black
12	1.634M	34.4	+0.0		+0.0		+0.0	34.4	48.0	-13.6	Black
13	28.049M	33.0	+1.0		+0.3		+0.0	34.3	48.0	-13.7	Black

14	26.274M	33.1	+0.8	+0.4	+0.0	34.3	48.0	-13.7	Black
15	23.702M	33.3	+0.7	+0.3	+0.0	34.3	48.0	-13.7	Black
16	17.094M	33.5	+0.5	+0.3	+0.0	34.3	48.0	-13.7	Black
17	15.719M	33.6	+0.5	+0.2	+0.0	34.3	48.0	-13.7	Black
18	14.078M	33.5	+0.5	+0.3	+0.0	34.3	48.0	-13.7	Black
19	23.037M	33.2	+0.6	+0.3	+0.0	34.1	48.0	-13.9	Black
20	22.549M	33.2	+0.6	+0.3	+0.0	34.1	48.0	-13.9	Black
21	20.243M	33.2	+0.5	+0.4	+0.0	34.1	48.0	-13.9	Black
22	15.187M	33.4	+0.5	+0.2	+0.0	34.1	48.0	-13.9	Black
23	14.433M	33.3	+0.5	+0.3	+0.0	34.1	48.0	-13.9	Black
24	11.046M	33.6	+0.3	+0.2	+0.0	34.1	48.0	-13.9	Black
25	7.454M	33.7	+0.2	+0.2	+0.0	34.1	48.0	-13.9	Black
26	3.318M	33.9	+0.1	+0.1	+0.0	34.1	48.0	-13.9	Black
27	28.669M	32.7	+1.0	+0.3	+0.0	34.0	48.0	-14.0	Black
28	20.686M	33.1	+0.5	+0.4	+0.0	34.0	48.0	-14.0	Black
29	13.679M	33.3	+0.4	+0.3	+0.0	34.0	48.0	-14.0	Black
30	10.971M	33.5	+0.3	+0.2	+0.0	34.0	48.0	-14.0	Black
31	27.782M	32.7	+0.9	+0.3	+0.0	33.9	48.0	-14.1	Black
32	27.383M	32.7	+0.9	+0.3	+0.0	33.9	48.0	-14.1	Black
33	19.089M	33.0	+0.5	+0.4	+0.0	33.9	48.0	-14.1	Black
34	12.703M	33.3	+0.4	+0.2	+0.0	33.9	48.0	-14.1	Black
35	27.073M	32.6	+0.9	+0.3	+0.0	33.8	48.0	-14.2	Black
36	21.662M	32.9	+0.6	+0.3	+0.0	33.8	48.0	-14.2	Black
37	19.223M	32.9	+0.5	+0.4	+0.0	33.8	48.0	-14.2	Black
38	15.453M	33.1	+0.5	+0.2	+0.0	33.8	48.0	-14.2	Black
39	6.711M	33.5	+0.1	+0.2	+0.0	33.8	48.0	-14.2	Black
40	6.340M	33.6	+0.1	+0.1	+0.0	33.8	48.0	-14.2	Black

41	1.605M	33.8	+0.0	+0.0	+0.0	33.8	48.0	-14.2	Black
42	24.234M	32.7	+0.7	+0.3	+0.0	33.7	48.0	-14.3	Black
43	17.848M	32.9	+0.5	+0.3	+0.0	33.7	48.0	-14.3	Black
44	10.773M	33.2	+0.3	+0.2	+0.0	33.7	48.0	-14.3	Black
45	10.129M	33.3	+0.2	+0.2	+0.0	33.7	48.0	-14.3	Black
46	4.680M	33.4	+0.1	+0.2	+0.0	33.7	48.0	-14.3	Black
47	4.655M	33.4	+0.1	+0.2	+0.0	33.7	48.0	-14.3	Black
48	1.748M	33.7	+0.0	+0.0	+0.0	33.7	48.0	-14.3	Black
49	1.353M	33.7	+0.0	+0.0	+0.0	33.7	48.0	-14.3	Black
50	24.589M	32.6	+0.7	+0.3	+0.0	33.6	48.0	-14.4	Black
51	18.025M	32.8	+0.5	+0.3	+0.0	33.6	48.0	-14.4	Black
52	10.674M	33.2	+0.2	+0.2	+0.0	33.6	48.0	-14.4	Black
53	7.999M	33.3	+0.2	+0.1	+0.0	33.6	48.0	-14.4	Black
54	4.036M	33.3	+0.1	+0.2	+0.0	33.6	48.0	-14.4	Black
55	830.361k	33.4	+0.2	+0.0	+0.0	33.6	48.0	-14.4	Black
56	20.065M	32.6	+0.5	+0.4	+0.0	33.5	48.0	-14.5	Black
57	18.646M	32.7	+0.5	+0.3	+0.0	33.5	48.0	-14.5	Black
58	18.291M	32.7	+0.5	+0.3	+0.0	33.5	48.0	-14.5	Black
59	13.812M	32.8	+0.4	+0.3	+0.0	33.5	48.0	-14.5	Black
60	13.412M	32.8	+0.4	+0.3	+0.0	33.5	48.0	-14.5	Black
61	12.481M	32.9	+0.4	+0.2	+0.0	33.5	48.0	-14.5	Black
62	11.863M	33.0	+0.3	+0.2	+0.0	33.5	48.0	-14.5	Black
63	7.281M	33.1	+0.2	+0.2	+0.0	33.5	48.0	-14.5	Black
64	5.374M	33.2	+0.1	+0.2	+0.0	33.5	48.0	-14.5	Black
65	5.349M	33.2	+0.1	+0.2	+0.0	33.5	48.0	-14.5	Black
66	1.529M	33.5	+0.0	+0.0	+0.0	33.5	48.0	-14.5	Black
67	687.726k	33.5	+0.0	+0.0	+0.0	33.5	48.0	-14.5	Black

68	682.971k	33.5	+0.0	+0.0	+0.0	33.5	48.0	-14.5	Black
69	12.210M	32.9	+0.3	+0.2	+0.0	33.4	48.0	-14.6	Black
70	11.368M	32.9	+0.3	+0.2	+0.0	33.4	48.0	-14.6	Black
71	9.386M	33.0	+0.2	+0.2	+0.0	33.4	48.0	-14.6	Black
72	7.702M	33.1	+0.2	+0.1	+0.0	33.4	48.0	-14.6	Black
73	4.432M	33.1	+0.1	+0.2	+0.0	33.4	48.0	-14.6	Black
74	3.887M	33.1	+0.1	+0.2	+0.0	33.4	48.0	-14.6	Black
75	3.392M	33.2	+0.1	+0.1	+0.0	33.4	48.0	-14.6	Black
76	1.277M	33.3	+0.0	+0.1	+0.0	33.4	48.0	-14.6	Black
77	526.072k	33.3	+0.1	+0.0	+0.0	33.4	48.0	-14.6	Black
78	16.340M	32.6	+0.5	+0.2	+0.0	33.3	48.0	-14.7	Black
79	16.118M	32.6	+0.5	+0.2	+0.0	33.3	48.0	-14.7	Black
80	13.013M	32.6	+0.4	+0.3	+0.0	33.3	48.0	-14.7	Black
81	12.348M	32.7	+0.4	+0.2	+0.0	33.3	48.0	-14.7	Black
82	11.665M	32.8	+0.3	+0.2	+0.0	33.3	48.0	-14.7	Black
83	9.188M	32.9	+0.2	+0.2	+0.0	33.3	48.0	-14.7	Black
84	8.742M	32.9	+0.2	+0.2	+0.0	33.3	48.0	-14.7	Black
85	7.083M	32.9	+0.2	+0.2	+0.0	33.3	48.0	-14.7	Black
86	1.724M	33.3	+0.0	+0.0	+0.0	33.3	48.0	-14.7	Black
87	1.496M	33.3	+0.0	+0.0	+0.0	33.3	48.0	-14.7	Black
88	1.158M	33.2	+0.0	+0.1	+0.0	33.3	48.0	-14.7	Black
89	17.582M	32.4	+0.5	+0.3	+0.0	33.2	48.0	-14.8	Black
90	16.828M	32.5	+0.5	+0.2	+0.0	33.2	48.0	-14.8	Black
91	14.920M	32.4	+0.5	+0.3	+0.0	33.2	48.0	-14.8	Black
92	9.238M	32.8	+0.2	+0.2	+0.0	33.2	48.0	-14.8	Black
93	6.067M	33.0	+0.1	+0.1	+0.0	33.2	48.0	-14.8	Black
94	3.739M	32.9	+0.1	+0.2	+0.0	33.2	48.0	-14.8	Black

95	2.143M	33.2	+0.0	+0.0	+0.0	33.2	48.0	-14.8	Black
96	1.705M	33.2	+0.0	+0.0	+0.0	33.2	48.0	-14.8	Black
97	1.092M	33.2	+0.0	+0.0	+0.0	33.2	48.0	-14.8	Black
98	944.469k	33.1	+0.1	+0.0	+0.0	33.2	48.0	-14.8	Black
99	5.671M	32.9	+0.1	+0.1	+0.0	33.1	48.0	-14.9	Black
100	1.206M	33.0	+0.0	+0.1	+0.0	33.1	48.0	-14.9	Black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50.0
40.0
30.0
20.0
10.0
0.0
FCC 15.207
450KHz
1MHz
10MHz
30MHz