



TEST REPORT

Report Number: 100860883DEN-003

Project Number: G100860883

Report Issue Date: 3/26/2013

Product Designation: Model: AXS-FMTD – Permissive Change

**Standards: FCC 47CFR Part 15C
RSS-210 - Issue 8: 2010
RSS-GEN - Issue 3: 2010**

Tested by:

Intertek Testing Services NA, Inc.
1795 Dogwood St. Suite 200
Louisville, CO 80027

Client:

Waio Inc.
2450 Eliot Street, Suite 5
Denver, CO 80211

Report prepared by

Mike Kanda
EMC Team Lead

Report reviewed by

Randy Thompson
Senior EMC Engineer

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

TABLE OF CONTENTS

1	<i>Introduction and Conclusion</i>	3
2	<i>Test Summary</i>	3
3	<i>Description of Equipment Under Test.....</i>	5
4	<i>System setup including cable interconnection details, support equipment and simplified block diagram</i>	9
5	<i>Radiated Unintentional & Tx Spurious Emissions – Not necessary for permissive change.....</i>	11
6	<i>200kHz Bandwidth & Band Edge</i>	11
7	<i>Radiated Tx Intentional Emissions – Fundamental & Harmonics of the Fundamental.....</i>	16
8	<i>AC Mains Conducted Emissions – Not required for permissive change</i>	23
9	<i>Occupied Bandwidth (OBW) – Not required for Permissive Change.....</i>	23
10	<i>Product Modifications required to pass - None.....</i>	23
11	<i>Measurement Uncertainty.....</i>	23
12	<i>Revision History</i>	24

1 Introduction and Conclusion

The tests indicated in section 2.0 were performed on the product constructed as described in section 3.0. The remaining test sections are the verbatim text from the actual data sheets used during the investigation. These test sections include the test name, the specified test Method, a list of the actual Test Equipment Used, documentation Photos, Results and raw Data. No additions, deviations, or exclusions have been made from the standard(s) unless specifically noted.

Based on the results of our investigation, we have concluded the **product tested complies with the requirements of the standard(s) indicated**. The results obtained in this test report pertain only to the item(s) tested.

2 Test Summary

Section	Test full name	Test date	Result
5	Radiated Unintentional Spurious Emissions - FCC 15.239(c)/ 15.209 [Covers IC RSS-210 A2.8/ RSS-Gen 7.2.5]	N/A (1)	---
6	200kHz Bandwidth & Band Edge – FCC 15.239(a) [Covers IC RSS-210 A2.8]	3/21/2013	Pass
7	Tx Radiated Emissions - FCC 15.239(b) [Covers IC RSS-210 A2.8]	3/21/2013	Pass
8	AC Conducted Emissions - FCC 15.207 [Covers RSS-Gen 7.2.4]	N/A (1)	---
9	Occupied Bandwidth Measurement - RSS-Gen 4.6.1	N/A (1)	---

General Notes:

- 1) Not required for this permissive change.
- 2) The testing in this report covers the following product models: FM Radio mode of operation (88.1MHz to 107.9MHz). All models are electrically identical.
 - AXS-FMTD
 - AXS-FMTXD
 - CT-FMTD

Radio Notes:

- 1) FCC CFR47 Part 15.31: Measurement Standards: In any case where the device is powered off a battery, a fresh battery was used during test. In cases where the device is powered off an AC supply, voltage was varied per Part 15.31 to find worst case emissions.
- 2) FCC CFR47 Part 15.35: Measurement Detector Functions and Bandwidths were utilized when performing the measurements within this report.
- 3) Testing of the product included (3) axes (product orientations).
- 4) Testing of the product included (3) Tx channels (low, mid, high).
- 5) No Duty Cycle Correction Factor for pulsed signals was utilized in this report.

Intertek	
Report Number: 100860883DEN-003	Issued:3/26/2013

2.1 Test Facility

Intertek Denver's testing facilities are located at 1795 Dogwood St. Suite 200 Louisville, CO 80027. The testing facility is ISO17025:2005 accredited by A2LA, our lab code is 2506.02, our VCCI registration numbers are. R-1643, C-1752 and T-1558, our FCC designation no. US1121 and our IC lab no. 2042N.

Testing contained in this test report may not be covered under the laboratories scope of accreditation. A note will be placed in the specific test section for testing not covered under the laboratories scope.

Intertek	
Report Number: 100860883DEN-003	Issued:3/26/2013

3 Description of Equipment Under Test

Equipment Under Test			
Description	Manufacturer	Model Number	Serial Number
Broadcastvision Entertainment BVE Transmitter	WAIO, Inc.	AXS-FMTD	002

Receive Date:	3/21/2013
Received Condition:	Good
Type:	Production Sample

Description of Equipment Under Test (provided by client)
<p>The BVE Transmitter takes an audio signal (either analog stereo or optical/coax digital) and transmits via stereo FM-modulated signal (same as analog broadcast FM). The "FM" version of the product transmits within the FM band only. The "900MHz" version of the product transmits within the 900MHz ISM band using the same analog FM modulation, simply up-converted into the ISM band.</p> <p>Specific product mode tested in this report: FM Transmitter (88.1 MHz to 107.9 MHz)</p> <p>Clock Frequencies: 7.6MHz, 27MHz, 32MHz</p> <p>Radio: Tx Frequency 88.1MHz to 107.9MHz (extendable antenna fully extended)</p> <p>Product will marketed in the US and Canada.</p>

Equipment Under Test Power Configuration			
Rated Voltage	Rated Current	Rated Frequency	Number of Phases
AC-DC Adapter Input: 120VAC	10W	60	1
AC-DC Adapter Output: 12VDC	300mA	----	----

Operating modes of the EUT:

No.	Descriptions of EUT Exercising
1	Product tuned to specific FM channel (low, mid, high).
2	Transmitting audio continuously via FM-modulated signal.
3	Volume level (modulation level) set to maximum recommended by the manufacturer during testing – determined by internal VU meter on the product LCD display.

3.1 Photo: Product Under Test

Model: AXS-FMTD



Photo: Product Under Test

There are 3 Audio connectors, choose only one to connect to an audio source – **do not use more than one of these connectors at any time:**

Optical Connect this to an optical digital audio output on a TV, CD/DVD player, etc., using a standard optical cable

3.5 mm Connect this to a line-level or headphone-level stereo signal source on a TV, CD/DVD player, Receiver, etc., using an appropriate cable

RCA Connect this to a coax digital audio output on a TV, CD/DVD player, etc.

Photo: Product Under Test

AC-DC Adapter

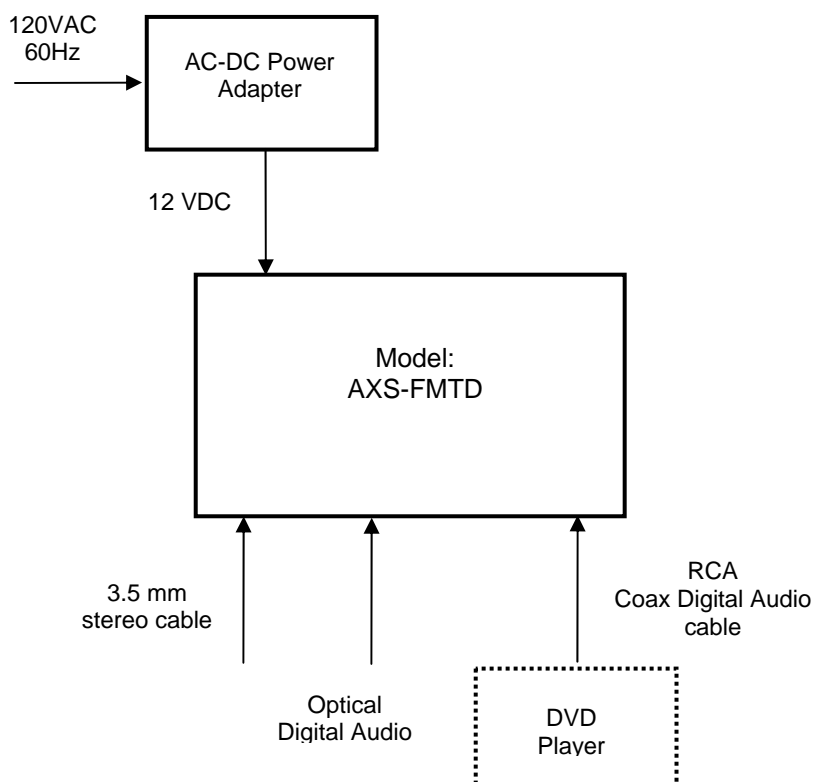


4 System setup including cable interconnection details, support equipment and simplified block diagram

4.1 Method:

Record the details of EUT cabling, document the support equipment, and show the interconnections in a block diagram.

4.2 EUT Block Diagram:



Notes:

1. Items in dashed line are support equipment – not directly tested.

4.3 Support Data:

ID	Description/ Function	Shield	Length	Connector	Connection	Ferrites
1	AC-DC Adapter Cable	no	1.5-meters	Dc power	Model AXS9FMT	no
2	RCA Coax Digital Audio Cable	yes	3-meters	RCA	DVD Player	no
3	3.5mm Analog Stereo Audio Cable	no	1-meter	3.5mm	none	no
4	Optical Digital Audio Cable	N/A	1-meter	optical	none	N/A

Support Equipment			
Description	Manufacturer	Model Number	Serial Number
DVD Player	Unknown	Unknown	Unknown

Notes: DVD player located outside the test chamber.

5 Radiated Unintentional & Tx Spurious Emissions – Not necessary for permissive change

6 200kHz Bandwidth & Band Edge

6.1 Method

Unless otherwise stated no deviations were made from FCC 15.239(a) [RSS-210 A2.8].

This testing was performed at Intertek Denver, located at 1795 Dogwood St. Suite 200, Louisville, CO 80027.

6.2 Test Equipment Used:

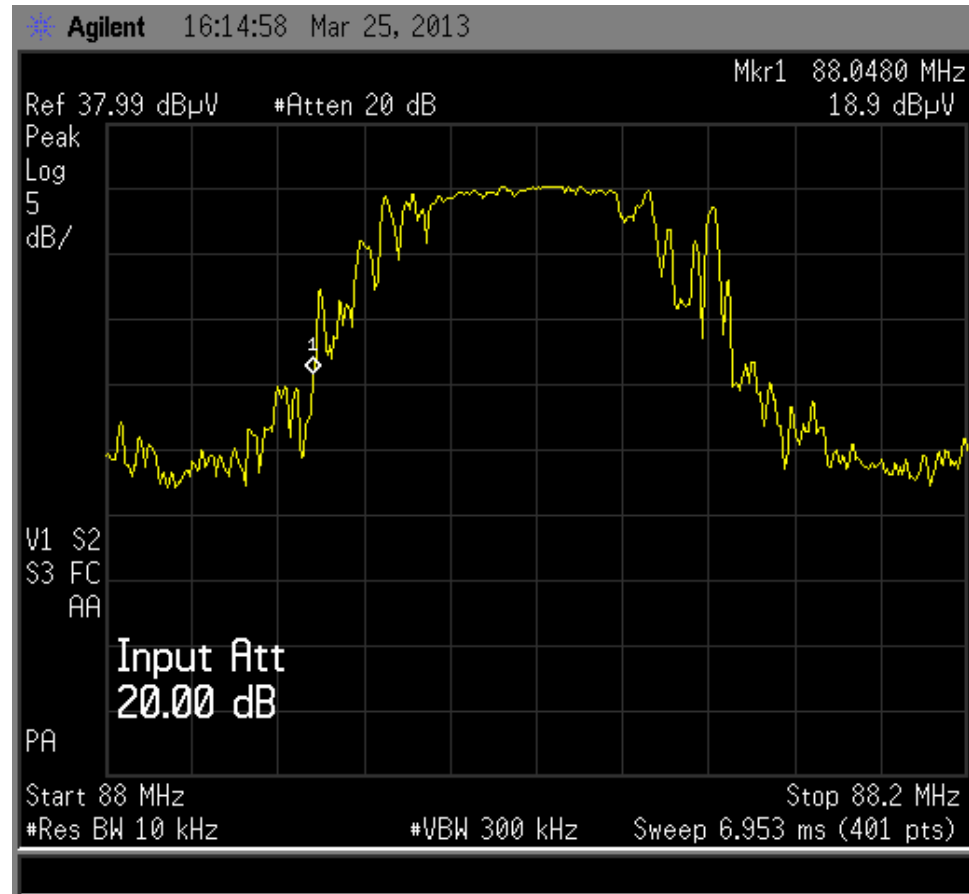
<u>Asset ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model</u>	<u>Serial</u>	<u>Cal Date</u>	<u>Cal Due</u>
DEN-073	EMI Receiver	RHODE & SCHWARZ	ESU 26	100265	1/23/2013	1/23/2014
19936	Bilog Antenna 30MHz - 6GHz	Sunol Sciences	JB6	A050707-1	11/15/2012	11/15/2013
18912	9 kHz- 1.3GHz Pre Amp	Hewlett-Packard	8447F	3113A05545	6/6/2012	6/6/2013
SW-6	Software for Radiated and Conducted emissions.	Intertek	OATS vba	V. 3.0	VBU	VBU

6.3 Results:

The sample tested was found to Comply.

6.4 Plots: FM Mode 200kHz Bandwidth

Low Channel – 88.1 MHz

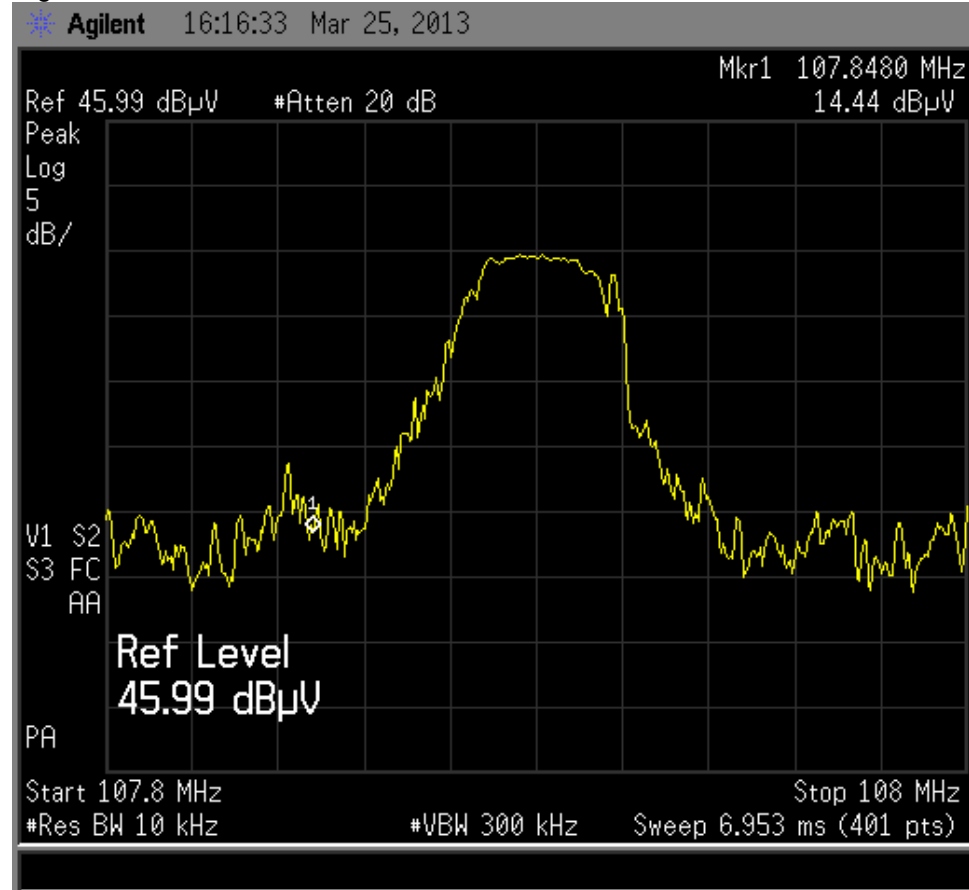


Intertek

Report Number: 100860883DEN-003

Issued:3/26/2013

High Channel



FREQ	LEVEL	DET	CABLE	ANT	PREAMP	ATTEN	FINAL	POL	HGT	AZ	LIMIT	DELTA	RBW
		Qp Av Pk		+	-		=				FCC 15.239/209 IC RSS- 210	FCC 15.239/209 IC RSS- 210	
MHz	dBuV		+ [dB]	[dB/m]	- [dB]	+ [dB]	[dBuV]	(V/H)	(m)	(DEG)			(MHz)

200 kHz Band Edge - Worst Case Fundamental Polarization

Low Band Edge

88.0000	59.91	Qp	0.77	7.80	28.02	0.00	40.46	V	1.00	242.0	43.50	- 3.04	0.120
---------	-------	-----------	------	------	-------	------	-------	---	------	-------	-------	--------	-------

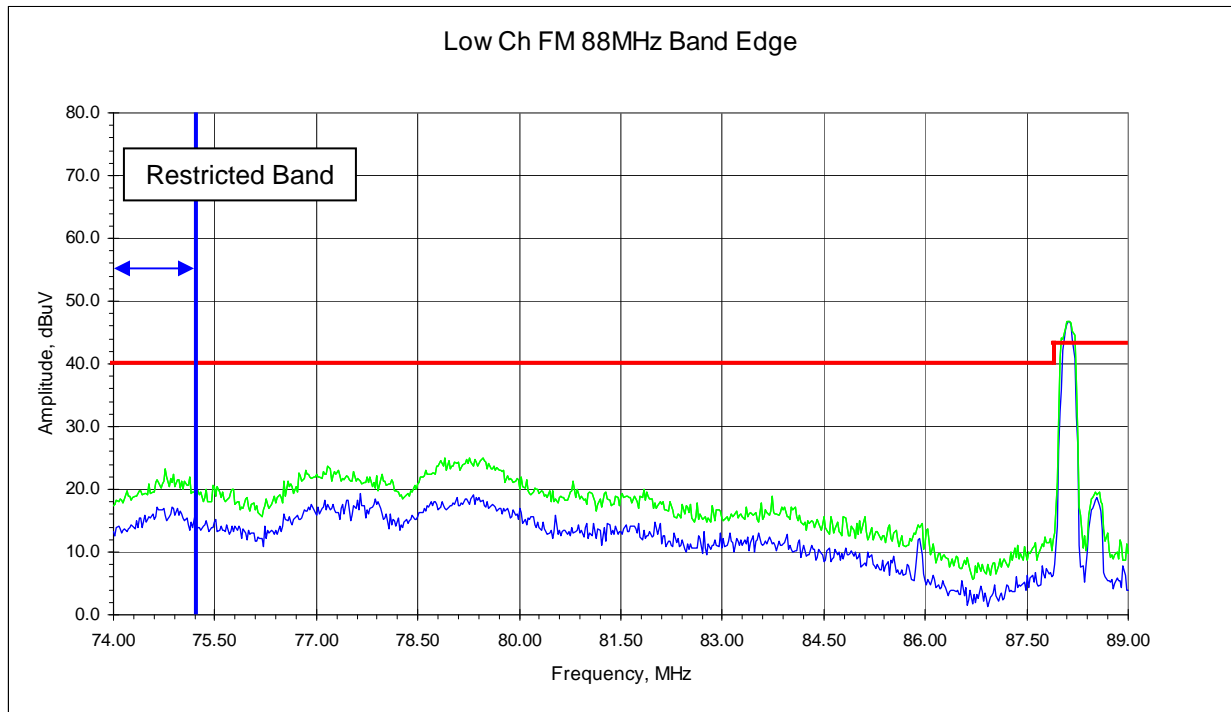
High Band Edge

108.0000	42.77	Qp	0.77	12.50	27.92	0.00	28.12	V	1.00	253.0	43.50	- 15.38	0.120
----------	-------	-----------	------	-------	-------	------	-------	---	------	-------	-------	---------	-------

Notes: None

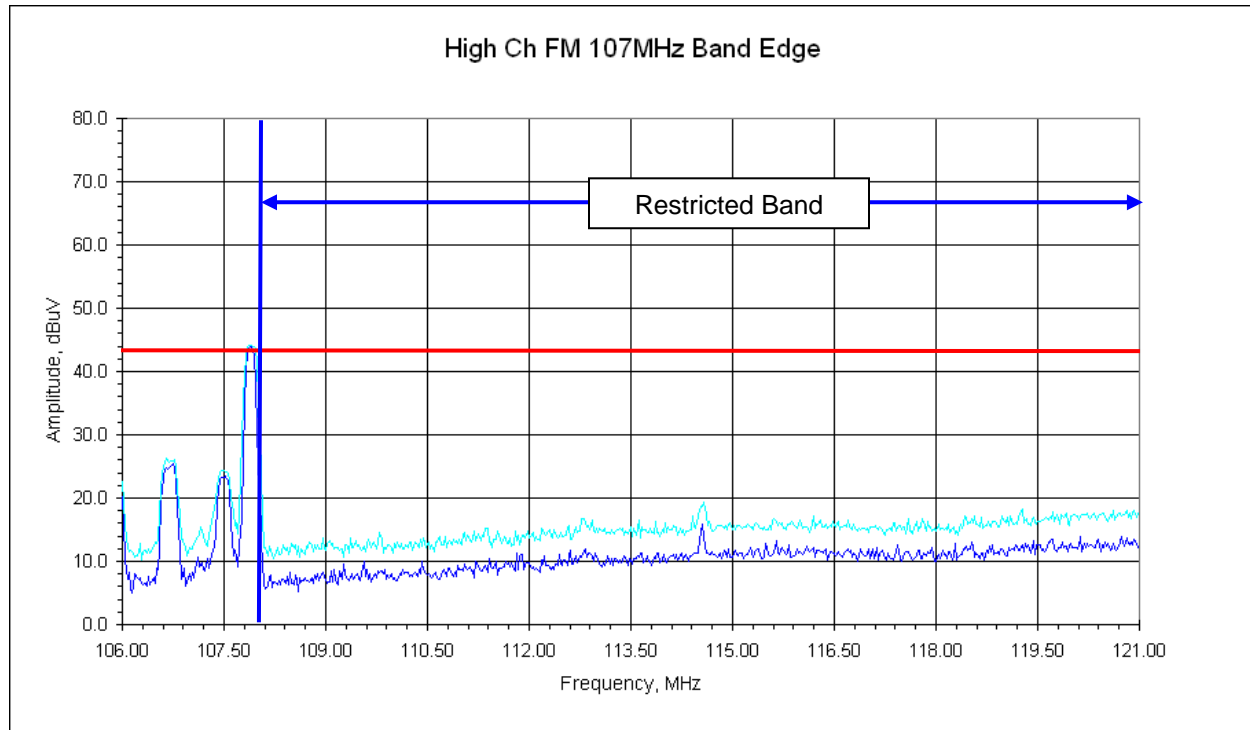
6.5 Plots: Band Edge – FM Mode (Low Channel)

Vertical – Worst Case Polarization



6.6 Plots: Band Edge – FM Mode (High Channel)

Worst Case Polarization - Vertical



Intertek	
Report Number: 100860883DEN-003	Issued:3/26/2013

7 Radiated Tx Intentional Emissions – Fundamental & Harmonics of the Fundamental

7.1 Method

Unless otherwise stated no deviations were made from FCC 15.239 [IC RSS-210 A2.8].

This testing was performed at Intertek Denver, located at 1795 Dogwood St. Suite 200, Louisville, CO 80027.

7.2 Test Equipment Used:

<u>Asset ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Model</u>	<u>Serial</u>	<u>Cal Date</u>	<u>Cal Due</u>
DEN-073	EMI Receiver	RHODE & SCHWARZ	ESU 26	100265	1/23/2013	1/23/2014
18886	Ridged Guide Antenna 1-18GHz	Tensor	4105	2020	12/11/2012	12/11/2013
18900	RF Pre-Amplifier (4-8 GHz)	Avantek	AFT97-8434-10F	1007	6/7/2012	6/7/2013
DEN-032	6-18GHz LNA	Narda	DBL-0618N615	31	3/7/2013	3/7/2014
18906	Amplifier (1-4 GHz)	Mini-Circuits Lab	ZHL-42	N052792-2	6/7/2012	6/7/2013
18912	9 kHz- 1.3GHz Pre Amp	Hewlett-Packard	8447F	3113A05545	6/6/2012	6/6/2013
19936	Bilog Antenna 30MHz - 6GHz	Sunol Sciences	JB6	A050707-1	11/15/2012	11/15/2013
SW-6	Software for Radiated and Conducted emissions.	Intertek	OATS vba	V. 3.0	VBU	VBU

7.3 Results:

The sample tested was found to Comply.

7.4 Product Test Orientations: FM Mode

All permissive change measurements performed on Axis 2 (worst-case)



7.5 Setup Photographs: FM Mode

Test setup – Front view



Test setup – Rear view



7.6 Test Data: FM Mode [Low Channel]

Tx Intentional Radiated Electromagnetic Emissions

Test Report #: G100860883-003	Test Area: CC1 Radiated	Temperature: <u>22.2</u> °C
Test Method: FCC 15.239(b)/15.209 IC RSS-210 A2.8/RSS-Gen	Test Date: <u>03/21/2013</u>	Relative Humidity: <u>26.7</u> %
EUT Model #: AXS-FMTD	EUT Power: <u>120VAC/60Hz</u>	Air Pressure: <u>83.91</u> kPa
EUT Serial #: 002		

Manufacturer: Waio, Inc.

EUT Description: Broadcastvision Entertainment – Transmitter – FM & 900MHz

Notes: **Product Tested in the following configuration: FM Radio**

Product continuously operating/active during all testing – normal operation

Low FM Channel – 88.1 MHz

Level Key
Pk – Peak
Qp – Quasi Peak
Av - Average

FREQ	LEVEL	DET	CABLE	ANT	PREAMP	ATTEN	FINAL	POL	HGT	AZ	LIMIT	DELTA	RBW
MHz	dBuV	Qp Av Pk	+ [dB]	+ [dB/m]	- [dB]	+ [dB]	= [dBuV]	(V/H)	(m)	(DEG)	FCC 15.239/209 IC RSS- 210	FCC 15.239/209 IC RSS- 210	(MHz)

Axis 2 – Previous Worst Case

Expand 88.9 to 107.1 MHz to 88.1 to 107.9 MHz

Fundamental

Low Band - Worst Case Axis from previous testing

88.1000	67.24	Pk	0.77	7.82	28.02	0.00	47.81	V	1.00	242.0	67.96	- 20.15	0.120
88.1000	66.52	Av	0.77	7.82	28.02	0.00	47.09	V	1.00	242.0	47.96	- 0.87	0.120
88.1000	52.77	Pk	0.77	7.82	28.02	0.00	33.34	H	1.50	129.0	67.96	- 34.62	0.120
88.1000	51.80	Av	0.77	7.82	28.02	0.00	32.37	H	1.50	129.0	47.96	- 15.59	0.120

Band Edge - Worst Case Fundamental Polarization

Low Band Edge

88.0000	59.91	Qp	0.77	7.80	28.02	0.00	40.46	V	1.00	242.0	43.50	- 3.04	0.120
---------	-------	-----------	------	------	-------	------	-------	---	------	-------	-------	--------	-------

Low Band Harmonics

176.2000	31.22	Qp	0.89	11.78	27.60	0.00	16.29	V	1.00	0.0	43.50	-27.21	0.120
264.3000	34.69	Qp	1.10	13.02	27.17	0.00	21.63	V	1.00	178.0	46.00	-24.37	0.120
352.4000	41.70	Qp	1.29	14.70	27.41	0.00	30.28	V	1.45	256.0	46.00	-15.72	0.120
440.5000	47.31	Qp	1.44	17.01	28.09	0.00	37.67	V	2.13	255.0	46.00	-8.33	0.120
528.6000	35.18	Qp	1.58	18.64	28.41	0.00	27.00	V	1.27	187.0	46.00	-19.00	0.120
616.7000	34.55	Qp	1.72	18.86	28.34	0.00	26.80	V	1.82	227.0	46.00	-19.20	0.120
704.8000	34.74	Qp	1.86	19.89	28.27	0.00	28.22	V	1.00	338.0	46.00	-17.78	0.120
792.9000	30.13	Qp	1.97	20.92	27.98	0.00	25.03	V	1.00	166.0	46.00	-20.97	0.120
881.0000	23.81	Qp	2.07	21.82	27.70	0.00	20.00	V	1.55	261.0	46.00	-26.00	0.120
176.2000	25.10	Qp	0.89	11.78	27.60	0.00	10.17	H	3.52	289.0	43.50	-33.33	0.120
264.3000	30.47	Qp	1.10	13.02	27.17	0.00	17.41	H	1.25	129.0	46.00	-28.59	0.120
352.4000	43.22	Qp	1.29	14.70	27.41	0.00	31.80	H	1.00	1.0	46.00	-14.20	0.120
440.5000	53.06	Qp	1.44	17.01	28.09	0.00	43.42	H	1.07	220.0	46.00	-2.58	0.120
528.6000	32.47	Qp	1.58	18.64	28.41	0.00	24.29	H	2.29	105.0	46.00	-21.71	0.120
616.7000	33.17	Qp	1.72	18.86	28.34	0.00	25.42	H	2.60	196.0	46.00	-20.58	0.120

Intertek													
Report Number: 100860883DEN-003								Issued:3/26/2013					

704.8000	36.50	Qp	1.86	19.89	28.27	0.00	29.98	H	1.20	360.0	46.00	-16.02	0.120
792.9000	30.62	Qp	1.97	20.92	27.98	0.00	25.52	H	2.91	0.0	46.00	-20.48	0.120
881.0000	23.93	Qp	2.07	21.82	27.70	0.00	20.12	H	1.31	1.0	46.00	-25.88	0.120

Example calculation:

Measure d Level	+	Cable Loss	+	Antenna Factor	-	Pre- Amp	+	Atten	=	Final Correcte d Reading	Specificatio n Limit	-	Final Correcte d Reading	=	Delta Specificatio n
(dB μ V)		(dB)		(dB)		(dB)		(dB)		(dB μ V/m)	(dB μ V/m)		(dB μ V/m)		
20.0		3.0		5.0		10.0		0.0		18.0	40.0		18.0		- 22.0

7.7 Test Data: FM Mode [High Channel]

Tx Intentional Radiated Electromagnetic Emissions

Test Report #: G100860883-003	Test Area: CC1 Radiated	Temperature: <u>22.2</u> °C
Test Method: FCC 15.239(b)/15.209 IC RSS-210 A2.8/RSS-Gen	Test Date: <u>3/21/2013</u>	Relative Humidity: <u>26.7</u> %
EUT Model #: AXS-FMTD	EUT Power: <u>120VAC/60Hz</u>	Air Pressure: <u>83.91</u> kPa
EUT Serial #: 002		
Manufacturer: Waio, Inc.		
EUT Description: Broadcastvision Entertainment – Transmitter – FM & 900MHz		
Notes: Product Tested in the following configuration: FM Radio		
Product continuously operating/active during all testing – normal operation		
High FM Channel – 107.9 MHz		

Level Key
Pk – Peak
Qp – Quasi Peak
Av - Average

FREQ	LEVEL	DET	CABLE	ANT	PREAMP	ATTEN	FINAL	POL	HGT	AZ	LIMIT	DELTA	RBW
<u>MHz</u>	<u>dBuV</u>	Qp Av Pk	+ [dB]	+ [dB/m]	- [dB]	+ [dB]	= [dBuV]	(V/H)	(m)	(DEG)	FCC 15.239/209 IC RSS- 210	FCC 15.239/209 IC RSS- 210	(MHz)

Worst Case Device Position

Expand 88.9 to 107.1 MHz to 88.1 to 107.9 MHz

Fundamental High Band

107.9000	59.40	Pk	0.77	12.48	27.92	0.00	44.73	V	1.00	253.0	67.96	- 23.23	0.120
107.9000	58.91	Av	0.77	12.48	27.92	0.00	44.24	V	1.00	253.0	47.96	- 3.72	0.120
107.9000	53.95	Pk	0.77	12.48	27.92	0.00	39.28	H	2.68	74.0	67.96	- 28.68	0.120
107.9000	53.19	Av	0.77	12.48	27.92	0.00	38.52	H	2.68	74.0	47.96	- 9.44	0.120

Band Edge - Worst Case Fundamental Polarization

High Band Edge

108.0000	42.77	Qp	0.77	12.50	27.92	0.00	28.12	V	1.00	253.0	43.50	- 15.38	0.120
----------	-------	-----------	------	-------	-------	------	-------	---	------	-------	-------	---------	-------

High Band Harmonics

215.8000	29.02	Qp	0.98	10.65	27.41	0.00	13.24	V	2.50	125.0	43.50	-30.26	0.120
323.7000	43.65	Qp	1.24	14.37	27.26	0.00	32.00	V	1.98	291.0	46.00	-14.00	0.120
431.6000	49.74	Qp	1.42	16.60	28.02	0.00	39.74	V	1.00	147.0	46.00	-6.26	0.120
539.5000	34.95	Qp	1.60	18.34	28.40	0.00	26.48	V	1.14	186.0	46.00	-19.52	0.120
647.4000	32.14	Qp	1.77	19.34	28.32	0.00	24.94	V	1.00	317.0	46.00	-21.06	0.120
647.4000	32.14	Qp	1.77	19.34	28.32	0.00	24.94	V	1.00	305.0	46.00	-21.06	0.120
755.3000	29.95	Qp	1.92	20.51	28.11	0.00	24.27	V	1.00	278.0	46.00	-21.73	0.120
863.2000	25.48	Qp	2.05	21.79	27.76	0.00	21.56	V	1.29	224.0	46.00	-24.44	0.120
971.1000	24.41	Qp	2.18	22.62	27.41	0.00	21.80	V	1.00	47.0	46.00	-24.20	0.120
1079.0000	34.15	Pk	2.31	22.70	27.32	0.00	31.84	V	1.00	242.0	74.00	-42.16	1.000
1079.0000	22.40	Av	2.31	22.70	27.32	0.00	20.09	V	1.00	242.0	54.00	-33.91	1.000
215.8000	28.33	Qp	0.98	10.65	27.41	0.00	12.55	H	1.72	254.0	43.50	-30.95	0.120
323.7000	43.86	Qp	1.24	14.37	27.26	0.00	32.21	H	1.25	4.0	46.00	-13.79	0.120

Intertek												
Report Number: 100860883DEN-003							Issued:3/26/2013					

431.6000	55.77	Qp	1.42	16.60	28.02	0.00	45.77	H	1.00	224.0	46.00	-0.23	0.120
539.5000	30.37	Qp	1.60	18.34	28.40	0.00	21.90	H	1.57	167.0	46.00	-24.10	0.120
647.4000	31.92	Qp	1.77	19.34	28.32	0.00	24.72	H	2.56	0.0	46.00	-21.28	0.120
755.3000	31.61	Qp	1.92	20.51	28.11	0.00	25.93	H	1.00	29.0	46.00	-20.07	0.120
863.2000	24.71	Qp	2.05	21.79	27.76	0.00	20.79	H	1.00	44.0	46.00	-25.21	0.120
971.1000	24.08	Qp	2.18	22.62	27.41	0.00	21.47	H	2.38	359.0	46.00	-24.53	0.120
1079.0000	35.49	Pk	2.31	22.70	27.32	0.00	33.18	H	1.00	360.0	74.00	-40.82	1.000
1079.0000	22.44	Av	2.31	22.70	27.32	0.00	20.13	H	1.00	360.0	54.00	-33.87	1.000

Example calculation:

Measure d Level	+	Cable Loss	+	Antenna Factor	-	Pre- Amp	+	Atten	=	Final Correcte d Reading	Specificatio n Limit	-	Final Correcte d Reading	=	Delta Specificatio n
(dBμV)		(dB)		(dB)		(dB)		(dB)		(dBμV/m)	(dBμV/m)		(dBμV/m)		
20.0		3.0		5.0		10.0		0.0		18.0	40.0		18.0		- 22.0

Notes:

1) None

Deviations, Additions, or Exclusions: None

8 AC Mains Conducted Emissions – Not required for permissive change

9 Occupied Bandwidth (OBW) – Not required for Permissive Change

10 Product Modifications required to pass - None

11 Measurement Uncertainty

The measured value related to the corresponding limit will be used to decide whether the equipment meets the requirements.

The measurement uncertainty figures were calculated and correspond to a coverage factor of $k = 2$, providing a confidence level of respectively 95.45 % in the case where the distributions characterizing the actual measurement uncertainties are normal (Gaussian).

Measurement uncertainty Table

Parameter	Uncertainty \pm	Notes
Radiated emissions, 10kHz to 1000 MHz	4.4 dB	
Radiated emissions, 1 to 18 GHz	4.7 dB	
AC mains Conducted emissions, 9kHz to 30 MHz	3.14 dB	
Disturbance Power 30 to 1000 MHz	3.3 dB	
Telecom Port Conducted emissions, Voltage 150 kHz to 30 MHz	3.11 dB	
Harmonics	-	Meets the requirements specified by the standard.
Flicker	-	Meets the requirements specified by the standard.
ESD	4.4 %	
Radiated RF field immunity 80MHz to 2.7GHz	2.2 dB	
EFT	4.3 %	
Surge	4.3 %	
Conducted RF immunity	2.1 dB	
Power frequency magnetic field immunity	2.3 dB	
Voltage dips / interruptions immunity	0.3 mV	

Intertek	
Report Number: 100860883DEN-003	Issued:3/26/2013

12 Revision History

Revision Level	Date	Report Number	Notes
0	3/26/2013	100860883DEN-003	Original Issue