TEST REPORT

Report Number: 100356542DEN-002D
Project Number: G100356542

Report Issue Date: 03/25/2011

Product Designation: **EN1262**

Standards: **FCC title 47 CFR part 15 subpart C**
RSS-210:2010 Issue 8
AS/NZS 4268:2008

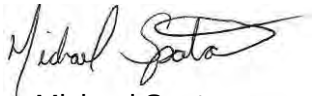
Tested by:
Intertek Testing Services NA, Inc.
1795 Dogwood St. Suite 200
Louisville, CO 80027

Client:
Inovonics Wireless Corp.
315 CTC Blvd.
Louisville, CO 80027

Report prepared by

Randall Thompson
Senior EMC Project Engineer

Report reviewed by



Michael Spataro
Engineering Team Leader

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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 Passed 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 Emissions – Output power of the Fundamental & Harmonics of the Fundamental - FCC 247(b)(2) (d)/15.205 Covers RSS-210 A8.4(1)	8/28/2009	Pass
6	Radiated Emissions – Unintentional & Spurious - FCC 15.247(d) / FCC 15.209/109 Covers RSS-210 A8.5	3/30/2009	Pass
	20dB Bandwidth – FCC 15.247 (a)(1)(i) [Covers RSS-210, A8.1(c)]	-----	N/A
	Number of Hopping Channels – FCC 15.247(a)(1)(i) [Covers RSS-210, A8.1(c)]	-----	N/A
	Hopping Channel Carrier Separation – FCC 15.247(a)(1) [Covers RSS-210, A8.1(b)]	-----	N/A
	Band Edge Measurements – FCC 15.247(d) / 15.209 [Covers RSS-210, A8.5]	-----	N/A
	Duty Cycle & Duty Cycle Correction Factor	-----	N/A
	AC Conducted Emissions – FCC 15.207 (not applicable – product battery-powered)	-----	N/A

Notes:

1) Only the fundamental, harmonics of the fundamental and Spurious emissions are covered in this test report as requested by the customer.

2) Only the high channel of the transmitter at 927.58 MHz falls within the frequency band specified in AS/NZS 4268:2008

3) 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.

3 Description of Equipment Under Test

Equipment Under Test			
Description	Manufacturer	Model Number	Serial Number
902-928MHz wireless transmitter.	Inovonics	EN1262	03983850/3983819

Receive Date:	3/30/2009
Received Condition:	Good
Type:	Production

Description of Equipment Under Test (provided by client)

The Inovonics motion detector with pet immunity is designed for residential and low-traffic commercial applications, with less than 100 activations a day. This PIR uses advanced signal processing to provide outstanding catch performance with unsurpassed false alarm immunity. With Pet Friendly pet immunity, alarms triggered by animals are greatly reduced.
The motion detector is available in two configurations. Use part number EE1262 for 868-870 Mhz Europe; use part number EN1262 for 902-928 Mhz North America, 915-928 Mhz Australia, and 922-928 Mhz New Zealand.

Equipment Under Test Power Configuration			
Rated Voltage	Rated Current	Rated Frequency	Number of Phases
3.3 VDC - Battery	----------	----------	----------

Operating modes of the EUT:

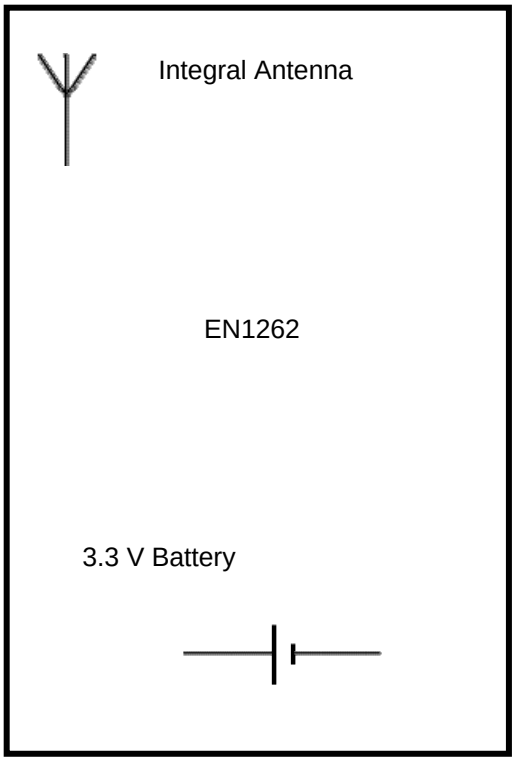
No.	Descriptions of EUT Exercising
1	For section 5 - Fundamental and Harmonics of the fundamental the EUT was configured for un-modulated, continuous wave mode.
2	For section 6 – Unintentional and Spurious emissions the EUT was configured for normal operating mode.

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:



4.3 Support Data:

ID	Description	Length	Shielding	Ferrites

Support Equipment			
Description	Manufacturer	Model Number	Serial Number

General notes:
1. Product has no I/O or signal cables.
2. Product did not require any support equipment.

5 Radiated Emissions – Intentional Radiators: Output Power - Fundamental & Harmonics of the Fundamental for 15.247

5.1 Method

Unless otherwise stated no deviations were made from ANSI C63.10 and FCC public notice DA 00-705.

This testing was performed at Intertek Denver's OATS site, located at 40 Meadow Rd., Pinewood Springs, CO 80540.

5.2 Test Equipment Used:

Asset	Description	Manufacturer	Model	Serial	Cal Date	Cal Due
18882	Spectrum Analyzer	HP	8566B	2410A00154	12/10/2008	12/10/2009
18737	Horn Antenna	EMCO	3105	2076	4/3/2009	4/3/2010
18900	RF Pre-Amplifier (4-8 GHz)	Avantek	AFT97-8434-10F	1007	5/12/2009	5/12/2010
18901	RF Pre-Amplifier (8-18 GHz)	Avantek	AWT-18037	1002	5/12/2009	5/12/2010
18906	Amplifier	Mini-Circuits	ZHL-42	N052792-2	5/12/2009	5/12/2010
18888	Log Periodic Antenna	EMCO	3146	9402-3775	10/21/2008	10/21/2009

5.3 Results:

The sample tested was found to Comply.

5.4 Setup Photographs:

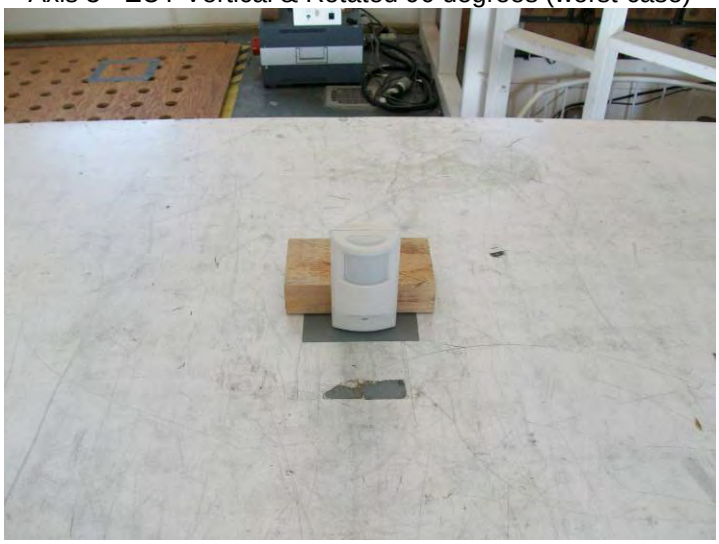
Front View

Photo:

Axis 1 - EUT Flat on Table

Axis 2 - EUT Vertical

Axis 3 - EUT Vertical & Rotated 90 degrees (worst-case)



5.5 Plots: None

5.6 Test Data:

Field Strength Measurements
(Fundamental & Spurious)

Test Report #:	**100356542DEN-002D**	Test Area:	Pinewood Site 1 (3m)	Temperature:	25.6	°C
Test Method:	FCC 15.247	Test Date:	28-Aug-2009	Relative Humidity:	47.3	%
EUT Model #:	EN1262	EUT Power:	3.3VDC Battery	Air Pressure:	79	kPa
EUT Serial #:	03983850					
Manufacturer:	Inovonics			Level Key		
EUT Description:	PIR Motion Sensor			Pk – Peak	Nb – Narrow Band	
Notes:				Qp – QuasiPeak	Bb – Broad Band	
				Av - Average		

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	Duty Cycle Correction	Final Corrected	Limit	DELTA
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	(dB)	(dBuV/m)	(dBuV/m)	(dB)
The following Duty Cycle was declared by the manufacturer:								
20.8%								
Averaging method for pulsed signals and calculation in accordance to FCC CFR47 Part 15.35 utilized to calculate field strength emissions.								
The testing performed in accordance to FCC CFR47 Part 15.205 (restricted bands of operation) and 15.247 emissions and delta limits were calculated as follows:								
Final Corrected Peak Measurement – Duty Cycle Correction Factor* = Final Calculated Emission								
The Final Calculated Emission was then compared to the Limits in CFR47 Part 15.209 and 15.247 and the emission/limit delta was calculated.								
the DTCF is calculated as follows $20*\log_{10}$(duty cycle in 100mS) “not to exceed 20dB”								
Part 15.247 and 15.205 Respectively								
Fundamental Measurements								
Low Channel Axis 1 - EUT is Flat on the table.								
902.39	78.5 Pk	3.6 / 22.0 / 0.0	104.1	V / 1.4 / 0.0	0.0	104.1	119.2	-15.1
902.39	83.3 Pk	3.6 / 22.0 / 0.0	108.9	H / 1.1 / 336.0	0.0	108.9	119.2	-10.3
Axis 2 - EUT is Vertical on the table.								
902.44	83.3 Pk	3.6 / 22.0 / 0.0	108.9	H / 1.4 / 180.0	0.0	108.9	119.2	-10.3
902.44	87.8 Pk	3.6 / 22.0 / 0.0	113.4	V / 1.2 / 102.0	0.0	113.4	119.2	-5.8
Axis 3 - EUT is Vertical on the table & Rotated 90 Deg.								
902.39	**87.5 Pk**	**3.6 / 22.0 / 0.0**	**113**	**V / 1.1 / 46.0**	**0.0**	**113.0**	**119.2**	**-6.2**
902.39	78.5 Pk	3.6 / 22.0 / 0.0	104.1	H / 1.8 / 192.0	0.0	104.1	119.2	-15.1
Mid Channel Axis 1								
914.79	77.0 Pk	3.6 / 22.4 / 0.0	103	V / 1.3 / 24.0	0.0	103.0	119.2	-16.2
914.79	82.7 Pk	3.6 / 22.4 / 0.0	108.7	H / 1.1 / 336.0	0.0	108.7	119.2	-10.5
Axis 2								
914.79	80.7 Pk	3.6 / 22.4 / 0.0	106.7	H / 1.4 / 208.0	0.0	106.7	119.2	-12.5
914.79	82.7 Pk	3.6 / 22.4 / 0.0	108.7	V / 1.0 / 84.0	0.0	108.7	119.2	-10.5
Axis 3								
914.79	**87.0 Pk**	**3.6 / 22.4 / 0.0**	**113**	**V / 1.1 / 48.0**	**0.0**	**113.0**	**119.2**	**-6.2**

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	Duty Cycle Correction	Final Corrected	Limit	DELTA
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	(dB)	(dBuV/m)	(dBuV/m)	(dB)
914.79	76.4 Pk	3.6 / 22.4 / 0.0	102.4	H / 1.7 / 352.0	0.0	102.4	119.2	-16.8
High Channel Axis 1								
927.59	74.2 Pk	3.6 / 22.1 / 0.0	100	V / 1.3 / 8.0	0.0	100.0	119.2	-19.2
927.59	79.4 Pk	3.6 / 22.1 / 0.0	105.2	H / 1.1 / 332.0	0.0	105.2	119.2	-14.0
Axis 2								
927.59	76.9 Pk	3.6 / 22.1 / 0.0	102.7	H / 1.5 / 358.0	0.0	102.7	119.2	-16.5
927.59	78.4 Pk	3.6 / 22.1 / 0.0	104.2	V / 1.1 / 88.0	0.0	104.2	119.2	-15.0
Axis 3								
927.59	83.4 Pk	3.6 / 22.1 / 0.0	109.2	V / 1.1 / 8.0	0.0	109.2	119.2	-10.0
927.59	73.8 Pk	3.6 / 22.1 / 0.0	99.6	H / 1.3 / 14.0	0.0	99.6	119.2	-19.6
Axis 3 was determined to be the worst case axis								
All Harmonics will be measured in Axis 3 – Harmonics in Restricted Bands are Highlighted in Yellow								
Harmonics - Low Channel								
1804.76	97.0 Pk	2.8 / 26.0 / 35.7	90	V / 1.8 / 356.0	-13.6	76.4	93.0	-16.6
1804.76	97.2 Pk	2.8 / 26.0 / 35.7	90.2	H / 1.7 / 332.0	-13.6	76.6	93.0	-16.4
2707.15	61.2 Pk	3.5 / 28.2 / 36.7	56.1	H / 2.1 / 348.0	-13.6	42.5	54.0	-11.5
2707.15	56.0 Pk	3.5 / 28.2 / 36.7	50.9	V / 1.3 / 294.0	-13.6	37.3	54.0	-16.7
3609.54	60.6 Pk	4.5 / 30.9 / 37.3	58.7	H / 1.8 / 92.0	-13.6	45.1	54.0	-8.9
3609.54	61.6 Pk	4.5 / 30.9 / 37.3	59.7	V / 1.3 / 34.0	-13.6	46.1	54.0	-7.9
4511.9	64.0 Pk	5.3 / 32.2 / 39.8	61.7	H / 1.4 / 302.0	-13.6	48.1	54.0	-5.9
4511.92	61.6 Pk	5.3 / 32.2 / 39.8	59.2	V / 1.1 / 329.0	-13.6	45.6	54.0	-8.4
5414.29	57.5 Pk	6.0 / 32.8 / 39.3	57	H / 1.3 / 62.0	-13.6	43.4	54.0	-10.6
5414.3	48.2 Pk	6.0 / 32.8 / 39.3	47.8	V / 1.2 / 346.0	-13.6	34.2	54.0	-19.8
6316.67	62.0 Pk	6.6 / 33.8 / 39.5	62.9	V / 1.2 / 337.0	-13.6	49.3	93.0	-43.7
6316.68	67.2 Pk	6.6 / 33.8 / 39.5	68.1	H / 1.2 / 42.0	-13.6	54.5	93.0	-38.5
7219.07	56.9 Pk	7.3 / 35.2 / 39.9	59.5	H / 1.4 / 22.0	-13.6	45.9	93.0	-47.1
7219.07	53.1 Pk	7.3 / 35.2 / 39.9	55.7	V / 1.2 / 42.0	-13.6	42.1	93.0	-50.9
8121.44	61.5 Pk	7.7 / 36.2 / 46.3	59.2	H / 1.2 / 12.0	-13.6	45.6	54.0	-8.4
8121.44	57.8 Pk	7.7 / 36.2 / 46.3	55.4	V / 1.1 / 76.0	-13.6	41.8	54.0	-12.2
9023.83	49.4 Pk	8.4 / 36.8 / 47.5	47.1	H / 1.1 / 352.0	-13.6	33.5	54.0	-20.5
9023.83	50.9 Pk	8.4 / 36.8 / 47.5	48.5	V / 1.1 / 354.0	-13.6	34.9	54.0	-19.1
Harmonics - Mid Channel								
1829.58	96.0 Pk	2.8 / 26.0 / 35.8	89.1	H / 2.1 / 352.0	-13.6	75.5	93.0	-17.5
1829.57	97.1 Pk	2.8 / 26.0 / 35.8	90.2	V / 1.9 / 354.0	-13.6	76.6	93.0	-16.4
2744.36	**69.2 Pk**	**3.5 / 28.3 / 36.7**	**64.3**	**H / 2.1 / 12.0**	**-13.6**	**50.7**	**54.0**	**-3.3**
2744.36	60.9 Pk	3.5 / 28.3 / 36.7	55.9	V / 1.4 / 354.0	-13.6	42.3	54.0	-11.7
3659.15	56.5 Pk	4.5 / 31.0 / 37.3	54.7	H / 2.1 / 8.0	-13.6	41.1	54.0	-12.9
3659.15	56.5 Pk	4.5 / 31.0 / 37.3	54.7	V / 1.4 / 354.0	-13.6	41.1	54.0	-12.9
4573.91	59.2 Pk	5.3 / 32.1 / 39.7	56.9	V / 1.2 / 12.0	-13.6	43.3	54.0	-10.7
4573.93	62.4 Pk	5.3 / 32.1 / 39.7	60.1	H / 1.4 / 306.0	-13.6	46.5	54.0	-7.5
5488.7	61.3 Pk	6.1 / 32.9 / 39.2	61	H / 1.3 / 58.0	-13.6	47.4	93.0	-45.6
5488.71	56.5 Pk	6.1 / 32.9 / 39.2	56.3	V / 1.3 / 72.0	-13.6	42.7	93.0	-50.3
6403.49	64.0 Pk	6.7 / 33.8 / 39.5	65.1	V / 1.2 / 345.0	-13.6	51.5	93.0	-41.5
6403.5	70.0 Pk	6.7 / 33.8 / 39.5	71.1	H / 1.2 / 23.0	-13.6	57.5	93.0	-35.5
7318.28	59.6 Pk	7.4 / 35.4 / 39.7	62.7	H / 1.2 / 15.0	-13.6	49.1	54.0	-4.9

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	Duty Cycle Correction	Final Corrected	Limit	DELTA
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	(dB)	(dBuV/m)	(dBuV/m)	(dB)
7318.28	53.1 Pk	7.4 / 35.4 / 39.7	56.1	V / 1.2 / 53.0	-13.6	42.5	54.0	-11.5
8233.06	64.1 Pk	7.9 / 36.3 / 46.4	61.8	H / 1.2 / 8.0	-13.6	48.2	54.0	-5.8
8233.06	58.6 Pk	7.9 / 36.3 / 46.4	56.4	V / 1.3 / 22.0	-13.6	42.8	54.0	-11.2
9147.85	49.5 Pk	8.5 / 36.8 / 47.6	47.1	H / 1.2 / 8.0	-13.6	33.5	54.0	-20.5
9147.85	48.5 Pk	8.5 / 36.8 / 47.6	46.2	V / 1.2 / 8.0	-13.6	32.6	54.0	-21.4
Harmonics - High Channel								
1855.18	97.7 Pk	2.9 / 26.1 / 35.8	90.8	V / 1.7 / 24.0	-13.6	77.2	89.2	-12.0
1855.18	94.2 Pk	2.9 / 26.1 / 35.8	87.4	H / 2.1 / 8.0	-13.6	73.8	89.2	-15.4
2782.76	59.5 Pk	3.5 / 28.3 / 36.7	54.7	H / 1.6 / 354.0	-13.6	41.1	54.0	-12.9
2782.76	56.4 Pk	3.5 / 28.3 / 36.7	51.5	V / 1.8 / 352.0	-13.6	37.9	54.0	-16.1
3710.35	52.0 Pk	4.5 / 31.1 / 37.2	50.4	H / 1.4 / 92.0	-13.6	36.8	54.0	-17.2
3710.35	46.5 Pk	4.5 / 31.1 / 37.2	45	V / 1.4 / 352.0	-13.6	31.4	54.0	-22.6
4637.93	58.0 Pk	5.4 / 32.0 / 39.7	55.7	H / 1.3 / 76.0	-13.6	42.1	54.0	-11.9
4637.94	57.3 Pk	5.4 / 32.0 / 39.7	55	V / 1.2 / 324.0	-13.6	41.4	54.0	-12.6
5565.51	55.5 Pk	6.1 / 33.0 / 39.3	55.3	H / 1.3 / 53.0	-13.6	41.7	89.2	-47.5
5565.53	51.6 Pk	6.1 / 33.0 / 39.3	51.4	V / 1.2 / 354.0	-13.6	37.8	89.2	-51.4
6493.1	54.5 Pk	6.8 / 33.9 / 39.4	55.8	H / 1.2 / 22.0	-13.6	42.2	89.2	-47.0
6493.1	47.2 Pk	6.8 / 33.9 / 39.4	48.5	V / 1.1 / 343.0	-13.6	34.9	89.2	-54.3
7420.69	42.8 Pk	7.4 / 35.5 / 39.6	46.1	H / 1.2 / 354.0	-13.6	32.5	54.0	-21.5
7420.69	41.6 Pk	7.4 / 35.5 / 39.6	45	V / 1.1 / 12.0	-13.6	31.4	54.0	-22.6
8348.27	50.9 Pk	8.0 / 36.4 / 46.6	48.7	H / 1.1 / 354.0	-13.6	35.1	54.0	-18.9
8348.27	47.7 Pk	8.0 / 36.4 / 46.6	45.5	V / 1.2 / 22.0	-13.6	31.9	54.0	-22.1
9275.86	48.1 Pk	8.5 / 36.9 / 47.7	45.8	H / 1.2 / 22.0	-13.6	32.2	89.2	-57.0
9275.86	49.9 Pk	8.5 / 36.9 / 47.7	47.5	V / 1.2 / 22.0	-13.6	33.9	89.2	-55.3

Example calculation for Intentional Radiated Emissions:

Measured Level	**+**	**Transducer, Cable Loss Pre-Amplifier**	**=**	**Corrected Reading**	**-**	**Duty Cycle Correction**	**=**	**FINAL Measurement**	**-**	**Specification Limit**	**=**	**Delta from Specification Limit**
(dBµV)		(dB)		(dBµV/m)		(dBµV/m)		(dBµV/m)		(dBµV/m)		
24.0		**14.9**		**38.9**		**10.0**		**28.9**		**40.0**		**-11.1**

Electric Field to Power Conversion

From DA 00-705 – Alternative Test Procedures.

If antenna conducted tests cannot be performed on this device, radiated tests to show compliance with the peak output power limit specified in Section 15.247(b) and the spurious RF conducted emission limit specified in Section 15.247(c) are acceptable. As stated previously, a pre-amp, and, in the latter case, a high pass filter, are required for the following measurements.

1) Calculate the transmitter's peak power using the following equation:

$$E = \frac{\sqrt{30PG}}{d}$$

Where: E is the measured maximum fundamental field strength in V/m, utilizing a RBW ≥ the 20 dB bandwidth of the emission, VBW > RBW, peak detector function. Follow the procedures in C63.4-1992 with respect to maximizing the emission.

G is the numeric gain of the transmitting antenna with reference to an isotropic radiator.

d is the distance in meters from which the field strength was measured.

P is the power in watts for which you are solving:

$$P = \frac{(E*d)^2}{30G}$$

In this case:

E = 113.4 dB/uV (from above low & mid channels axis 2) = 0.4677V/m
D = 3 meters
G = 4 unknown

P = 0.0164 W

Limit from 15.247(b)(2) = .25W

Delta = 0.0164 - .25 = -0.2336W

6 Radiated Emissions Unintentional & Spurious

6.1 Method

Unless otherwise stated no deviations were made from ANSI C63.10 and FCC public notice DA 00-705.

This testing was performed at Intertek Denver's OATS site, located at 40 Meadow Rd., Pinewood Springs, CO 80540.

6.2 Test Equipment Used:

Asset	Description	Manufacturer	Model	Serial	Cal Date	Cal Due
18882	Spectrum Analyzer	HP	8566B	2410A00154	12/10/2008	12/10/2009
18880	Q.P Adapter	HP	85650A	2811A01300	12/11/2008	12/11/2009
18912	9 kHz- 1.3GHz Pre Amp	HP	8447F	3113A05545	5/2/2008	5/2/2009
18906	RF Pre-Amplifier (1-4 GHz)	Mini-Circuits L	ZHL-42	N052792-2	5/2/2008	5/2/2009
18900	RF Pre-Amplifier (4-8 GHz)	Avantek	AFT97-8434-10F	1007	5/2/2008	5/2/2009
18901	RF Pre-Amplifier (8-18 GHz)	Avantek	AWT-18037	1002	5/2/2008	5/2/2009
19937	Bilog Antenna 30MHz - 6GHz	Sunol	JB6	A050707-2	11/7/2008	11/7/2009
18886	Horn Antenna 1-18GHz	TENSOR	4105	2020	4/6/2008	4/6/2009

6.3 Results:

The sample tested was found to Comply.

6.4 Setup Photographs:

Front View

Rear View

Photo:

Left-to-Right: EN1262 & EN1223D

6.5 Plots: None

6.6 Data:

Radiated Electromagnetic Emissions

Test Report #:	**100356542DEN-002D**	Test Area:	Pinewood Site 1 (10m)	Temperature:	25.9	°C
Test Method:	FCC Part 15.209	Test Date:	30-Mar-2009	Relative Humidity:	32.4	%
EUT Model #:	EN1262	EUT Power:	3.3 VDC Battery	Air Pressure:	79	kPa
EUT Serial #:	3983819					
Manufacturer:	Inovonics					
EUT Description:	PIR Motion Sensor					
Notes:						

Level Key
Pk – Peak
Qp – QuasiPeak
Av - Average

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	DELTA1 (dB)	DELTA2 (dB)
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	15.209 <1GHz	N/A
30-1000MHz Vertical 0 degrees						
37.49	33.5 Qp	1.8 / 15.9 / 28.3	22.9	V / 1.0 / 0.0	-6.6	N/A
48.00	39.6 Qp	1.8 / 9.3 / 28.2	22.6	V / 1.0 / 0.0	-6.9	N/A
50.00	35.4 Qp	1.8 / 8.6 / 28.2	17.6	V / 1.0 / 0.0	-11.9	N/A
70.00	37.9 Qp	2.2 / 8.0 / 28.2	20.0	V / 1.0 / 0.0	-9.5	N/A
80.00	37.4 Qp	2.4 / 7.8 / 28.1	19.5	V / 1.0 / 0.0	-10.0	N/A
160.00	28.4 Qp	3.3 / 12.4 / 27.7	16.4	V / 1.0 / 0.0	-16.7	N/A
250.00	26.9 Qp	4.2 / 11.7 / 27.2	15.6	V / 1.0 / 0.0	-20.0	N/A
48.00	39.1 Qp	1.8 / 9.3 / 28.2	22.1	V / 1.0 / 0.0	-7.4	N/A
72.00	37.3 Qp	2.3 / 8.0 / 28.1	19.4	V / 1.0 / 0.0	-10.1	N/A
75.86	40.5 Qp	2.3 / 8.0 / 28.1	22.7	V / 1.0 / 0.0	-6.8	N/A
172.06	30.9 Qp	3.5 / 11.8 / 27.6	18.6	V / 1.0 / 0.0	-14.5	N/A
267.53	25.9 Qp	4.4 / 13.1 / 27.2	16.2	V / 1.0 / 0.0	-19.4	N/A
280.64	23.1 Qp	4.5 / 13.5 / 27.0	14.1	V / 1.0 / 0.0	-21.5	N/A
312.95	29.1 Qp	4.8 / 14.0 / 27.1	20.7	V / 1.0 / 0.0	-14.9	N/A
548.28	24.4 Qp	6.5 / 18.2 / 28.4	20.8	V / 1.0 / 0.0	-14.8	N/A
687.24	28.4 Qp	7.5 / 19.9 / 28.1	27.7	V / 1.0 / 0.0	-7.9	N/A
30-1000 MHz Vertical 90 degrees						
37.49	32.6 Qp	1.8 / 15.9 / 28.3	22.0	V / 1.0 / 90.0	-7.5	N/A
50.00	36.4 Qp	1.8 / 8.6 / 28.2	18.6	V / 1.0 / 90.0	-10.9	N/A
70.00	38.1 Qp	2.2 / 8.0 / 28.2	20.2	V / 1.0 / 90.0	-9.3	N/A
160.00	27.6 Qp	3.3 / 12.4 / 27.7	15.6	V / 1.0 / 90.0	-17.5	N/A
267.53	25.1 Qp	4.4 / 13.1 / 27.2	15.5	V / 1.0 / 90.0	-20.1	N/A
30-1000MHz Vertical 180 degrees						
No higher signals found: 180 degrees						
30-1000MHz Vertical 270 degrees						

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	DELTA1 (dB)	DELTA2 (dB)
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	15.209 <1GHz	N/A
50.00	35.8 Qp	1.8 / 8.6 / 28.2	18.0	V / 1.0 / 270.0	-11.5	N/A
80.00	33.5 Qp	2.4 / 7.8 / 28.1	15.6	V / 1.0 / 270.0	-13.9	N/A
Following signals maximized between 30 & 1000 MHz Vertical						
37.49	32.1 Qp	1.8 / 15.9 / 28.3	21.5	V / 1.0 / 348.0	-8.0	N/A
48.00	38.2 Qp	1.8 / 9.3 / 28.2	21.3	V / 1.0 / 128.0	-8.2	N/A
70.00	37.7 Qp	2.2 / 8.0 / 28.2	19.8	V / 1.0 / 128.0	-9.7	N/A
30-1000MHz Horizontal 0 degrees						
37.49	25.4 Qp	1.8 / 15.9 / 28.3	14.7	H / 2.0 / 0.0	-14.8	N/A
48.00	31.4 Qp	1.8 / 9.3 / 28.2	14.4	H / 2.0 / 0.0	-15.1	N/A
70.00	35.0 Qp	2.2 / 8.0 / 28.2	17.1	H / 2.0 / 0.0	-12.4	N/A
687.24	23.3 Qp	7.5 / 19.9 / 28.1	22.6	H / 2.0 / 0.0	-13.0	N/A
50.00	26.6 Qp	1.8 / 8.6 / 28.2	8.8	H / 2.0 / 0.0	-20.7	N/A
72.00	32.1 Qp	2.3 / 8.0 / 28.1	14.3	H / 2.0 / 0.0	-15.2	N/A
75.86	30.8 Qp	2.3 / 8.0 / 28.1	13.0	H / 2.0 / 0.0	-16.5	N/A
80.00	28.2 Qp	2.4 / 7.8 / 28.1	10.3	H / 2.0 / 0.0	-19.2	N/A
160.00	26.3 Qp	3.3 / 12.4 / 27.7	14.3	H / 2.0 / 0.0	-18.8	N/A
172.06	25.8 Qp	3.5 / 11.8 / 27.6	13.5	H / 2.0 / 0.0	-19.6	N/A
250.00	25.1 Qp	4.2 / 11.7 / 27.2	13.8	H / 2.0 / 0.0	-21.8	N/A
267.53	23.9 Qp	4.4 / 13.1 / 27.2	14.3	H / 2.0 / 0.0	-21.3	N/A
280.64	22.1 Qp	4.5 / 13.5 / 27.0	13.0	H / 2.0 / 0.0	-22.6	N/A
312.95	22.7 Qp	4.8 / 14.0 / 27.1	14.3	H / 2.0 / 0.0	-21.3	N/A
548.28	22.1 Qp	6.5 / 18.2 / 28.4	18.4	H / 2.0 / 0.0	-17.2	N/A
30-1000MHz Horizontal 90 degrees						
50.00	27.1 Qp	1.8 / 8.6 / 28.2	9.2	H / 2.0 / 90.0	-20.3	N/A
267.53	22.8 Qp	4.4 / 13.1 / 27.2	13.1	H / 2.0 / 90.0	-22.5	N/A
30-1000MHz Horizontal 180 degrees						
No higher signals found: 180 & 270 degrees						
Following signals maximized between 30 & 1000MHz Horizontal						
37.49	28.6 Qp	1.8 / 15.9 / 28.3	18.0	H / 2.8 / 188.0	-11.5	N/A

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	DELTA1 (dB)	DELTA2 (dB)
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	15.209 <1GHz	N/A
********** Measurement Summary **********						
37.49	33.5 Qp	1.8 / 15.9 / 28.3	22.9	V / 1.0 / 0.0	-6.6	N/A
75.86	40.5 Qp	2.3 / 8.0 / 28.1	22.7	V / 1.0 / 0.0	-6.8	N/A
48.00	39.6 Qp	1.8 / 9.3 / 28.2	22.6	V / 1.0 / 0.0	-6.9	N/A
687.24	28.4 Qp	7.5 / 19.9 / 28.1	27.7	V / 1.0 / 0.0	-7.9	N/A
70.00	38.1 Qp	2.2 / 8.0 / 28.2	20.2	V / 1.0 / 90.0	-9.3	N/A
80.00	37.4 Qp	2.4 / 7.8 / 28.1	19.5	V / 1.0 / 0.0	-10.0	N/A
72.00	37.3 Qp	2.3 / 8.0 / 28.1	19.4	V / 1.0 / 0.0	-10.1	N/A
50.00	36.4 Qp	1.8 / 8.6 / 28.2	18.6	V / 1.0 / 90.0	-10.9	N/A
172.06	30.9 Qp	3.5 / 11.8 / 27.6	18.6	V / 1.0 / 0.0	-14.5	N/A
548.28	24.4 Qp	6.5 / 18.2 / 28.4	20.8	V / 1.0 / 0.0	-14.8	N/A
312.95	29.1 Qp	4.8 / 14.0 / 27.1	20.7	V / 1.0 / 0.0	-14.9	N/A
160.00	28.4 Qp	3.3 / 12.4 / 27.7	16.4	V / 1.0 / 0.0	-16.7	N/A
267.53	25.9 Qp	4.4 / 13.1 / 27.2	16.2	V / 1.0 / 0.0	-19.4	N/A
250.00	26.9 Qp	4.2 / 11.7 / 27.2	15.6	V / 1.0 / 0.0	-20.0	N/A
280.64	23.1 Qp	4.5 / 13.5 / 27.0	14.1	V / 1.0 / 0.0	-21.5	N/A

Radiated Electromagnetic Emissions

Test Report #:	**100356542DEN-002D**	Test Area:	Pinewood Site 1 (3m)	Temperature:	23.6	°C
Test Method:	FCC Part 15.209	Test Date:	30-Mar-2009	Relative Humidity:	33.9	%
EUT Model #:	EN1262	EUT Power:	3.3 VDC	Air Pressure:	79.2	kPa
EUT Serial #:	3983819					
Manufacturer:	Inovonics			Level Key		
EUT Description:	PIR Motion Sensor			Pk – Peak	Nb – Narrow Band	
Notes:				Qp – QuasiPeak	Bb – Broad Band	
				Av - Average		

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	DELTA1 (dB)	DELTA2 (dB)
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	15.209 >1GHz	N/A
1-4 GHz Vertical 0 degrees						
1066.38	58.0 Av	2.1 / 23.9 / 38.3	45.5	V / 1.0 / 0.0	-8.5	N/A
1599.60	55.2 Av	2.6 / 24.7 / 37.4	45.1	V / 1.0 / 0.0	-8.9	N/A
2132.79	38.9 Av	3.1 / 26.8 / 38.2	30.5	V / 1.0 / 0.0	-23.5	N/A
2665.98	36.5 Av	3.4 / 28.3 / 38.1	30.0	V / 1.0 / 0.0	-24.0	N/A
3199.17	35.0 Av	4.0 / 30.5 / 38.2	31.3	V / 1.0 / 0.0	-22.7	N/A
3732.36	35.7 Av	4.6 / 31.1 / 38.4	33.0	V / 1.0 / 0.0	-21.0	N/A
1008.11	40.9 Av	2.0 / 23.3 / 38.2	28.0	V / 1.0 / 0.0	-26.0	N/A
1016.03	39.7 Av	2.0 / 23.4 / 38.2	26.9	V / 1.0 / 0.0	-27.1	N/A
1033.07	50.1 Av	2.0 / 23.6 / 38.2	37.5	V / 1.0 / 0.0	-16.5	N/A
1044.25	37.6 Av	2.0 / 23.7 / 38.2	25.2	V / 1.0 / 0.0	-28.8	N/A
1049.90	42.0 Av	2.0 / 23.8 / 38.2	29.6	V / 1.0 / 0.0	-24.4	N/A
1056.14	41.3 Av	2.1 / 23.8 / 38.3	28.9	V / 1.0 / 0.0	-25.1	N/A
1058.37	38.5 Av	2.1 / 23.8 / 38.3	26.1	V / 1.0 / 0.0	-27.9	N/A
1061.35	43.5 Av	2.1 / 23.8 / 38.3	31.1	V / 1.0 / 0.0	-22.9	N/A
1071.49	44.5 Av	2.1 / 23.9 / 38.4	32.0	V / 1.0 / 0.0	-22.0	N/A
1076.17	39.6 Av	2.1 / 23.9 / 38.4	27.2	V / 1.0 / 0.0	-26.8	N/A
1076.53	39.7 Av	2.1 / 23.9 / 38.4	27.3	V / 1.0 / 0.0	-26.7	N/A
1099.74	53.2 Av	2.1 / 24.0 / 38.4	40.9	V / 1.0 / 0.0	-13.1	N/A
1104.15	44.0 Av	2.1 / 24.0 / 38.3	31.7	V / 1.0 / 0.0	-22.3	N/A
1124.90	41.4 Av	2.1 / 23.8 / 38.3	29.0	V / 1.0 / 0.0	-25.0	N/A
1128.94	38.6 Av	2.1 / 23.7 / 38.3	26.2	V / 1.0 / 0.0	-27.8	N/A
1133.05	48.4 Av	2.1 / 23.7 / 38.3	35.9	V / 1.0 / 0.0	-18.1	N/A
1149.91	38.8 Av	2.1 / 23.5 / 38.3	26.1	V / 1.0 / 0.0	-27.9	N/A
1152.13	39.0 Av	2.2 / 23.5 / 38.3	26.4	V / 1.0 / 0.0	-27.6	N/A
1166.39	49.2 Av	2.2 / 23.7 / 38.3	36.8	V / 1.0 / 0.0	-17.2	N/A
1233.03	43.6 Av	2.2 / 24.2 / 38.1	32.0	V / 1.0 / 0.0	-22.0	N/A
1248.15	40.0 Av	2.2 / 24.3 / 38.1	28.5	V / 1.0 / 0.0	-25.5	N/A
1249.90	36.8 Av	2.2 / 24.3 / 38.1	25.3	V / 1.0 / 0.0	-28.7	N/A
1266.36	39.1 Av	2.3 / 24.3 / 38.0	27.7	V / 1.0 / 0.0	-26.3	N/A
1274.87	39.0 Av	2.3 / 24.3 / 37.9	27.6	V / 1.0 / 0.0	-26.4	N/A
1299.70	38.4 Av	2.3 / 24.2 / 37.9	27.0	V / 1.0 / 0.0	-27.0	N/A

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	DELTA1 (dB)	DELTA2 (dB)
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	15.209 >1GHz	N/A
1327.93	39.1 Av	2.3 / 24.1 / 37.8	27.8	V / 1.0 / 0.0	-26.2	N/A
1333.01	47.8 Av	2.3 / 24.1 / 37.8	36.5	V / 1.0 / 0.0	-17.5	N/A
1338.10	38.0 Av	2.3 / 24.1 / 37.8	26.7	V / 1.0 / 0.0	-27.3	N/A
1340.60	36.1 Av	2.3 / 24.1 / 37.7	24.9	V / 1.0 / 0.0	-29.1	N/A
1366.34	41.5 Av	2.4 / 24.3 / 37.7	30.5	V / 1.0 / 0.0	-23.5	N/A
1392.16	35.7 Av	2.4 / 24.5 / 37.5	25.1	V / 1.0 / 0.0	-28.9	N/A
1399.68	41.8 Av	2.4 / 24.6 / 37.5	31.3	V / 1.0 / 0.0	-22.7	N/A
1433.00	40.5 Av	2.4 / 24.6 / 37.4	30.1	V / 1.0 / 0.0	-23.9	N/A
1466.33	42.0 Av	2.5 / 24.5 / 37.4	31.6	V / 1.0 / 0.0	-22.4	N/A
1488.18	36.5 Av	2.5 / 24.4 / 37.4	26.0	V / 1.0 / 0.0	-28.0	N/A
1499.64	38.2 Av	2.5 / 24.3 / 37.4	27.7	V / 1.0 / 0.0	-26.3	N/A
1532.99	36.5 Av	2.5 / 24.4 / 37.3	26.0	V / 1.0 / 0.0	-28.0	N/A
1536.20	38.7 Av	2.5 / 24.4 / 37.3	28.3	V / 1.0 / 0.0	-25.7	N/A
1566.28	42.5 Av	2.6 / 24.5 / 37.3	32.2	V / 1.0 / 0.0	-21.8	N/A
1574.87	36.0 Av	2.6 / 24.5 / 37.3	25.7	V / 1.0 / 0.0	-28.3	N/A
1584.19	39.0 Av	2.6 / 24.6 / 37.4	28.8	V / 1.0 / 0.0	-25.2	N/A
1589.84	42.6 Av	2.6 / 24.6 / 37.4	32.5	V / 1.0 / 0.0	-21.5	N/A
1594.55	46.3 Av	2.6 / 24.7 / 37.4	36.2	V / 1.0 / 0.0	-17.8	N/A
1599.64	55.1 Av	2.6 / 24.7 / 37.4	45.0	V / 1.0 / 0.0	-9.0	N/A
1604.67	47.0 Av	2.6 / 24.7 / 37.4	37.0	V / 1.0 / 0.0	-17.0	N/A
1609.38	43.9 Av	2.6 / 24.8 / 37.4	33.9	V / 1.0 / 0.0	-20.1	N/A
1632.21	41.0 Av	2.6 / 25.0 / 37.5	31.2	V / 1.0 / 0.0	-22.8	N/A
1632.94	42.6 Av	2.6 / 25.0 / 37.5	32.8	V / 1.0 / 0.0	-21.2	N/A
1649.86	37.9 Av	2.6 / 25.2 / 37.5	28.2	V / 1.0 / 0.0	-25.8	N/A
1666.25	40.5 Av	2.7 / 25.3 / 37.5	31.0	V / 1.0 / 0.0	-23.0	N/A
1680.22	43.2 Av	2.7 / 25.4 / 37.5	33.8	V / 1.0 / 0.0	-20.2	N/A
1699.61	40.4 Av	2.7 / 25.5 / 37.6	31.0	V / 1.0 / 0.0	-23.0	N/A
1728.22	42.4 Av	2.7 / 26.0 / 37.8	33.3	V / 1.0 / 0.0	-20.7	N/A
1766.26	39.3 Av	2.8 / 26.4 / 37.9	30.5	V / 1.0 / 0.0	-23.5	N/A
1776.23	43.0 Av	2.8 / 26.4 / 38.0	34.2	V / 1.0 / 0.0	-19.8	N/A
1799.59	45.4 Av	2.8 / 26.5 / 38.1	36.6	V / 1.0 / 0.0	-17.4	N/A
1832.93	39.5 Av	2.8 / 26.6 / 38.0	30.9	V / 1.0 / 0.0	-23.1	N/A
1861.17	42.5 Av	2.9 / 26.6 / 38.1	33.9	V / 1.0 / 0.0	-20.1	N/A
1866.25	48.5 Av	2.9 / 26.7 / 38.1	40.0	V / 1.0 / 0.0	-14.0	N/A
1874.84	39.0 Av	2.9 / 26.7 / 38.1	30.4	V / 1.0 / 0.0	-23.6	N/A
1999.52	40.1 Av	3.0 / 26.9 / 38.1	31.9	V / 1.0 / 0.0	-22.1	N/A
2132.84	38.8 Av	3.1 / 26.8 / 38.2	30.4	V / 1.0 / 0.0	-23.6	N/A
3338.86	35.4 Av	4.2 / 30.7 / 37.7	32.5	V / 1.0 / 0.0	-21.5	N/A
3955.73	34.1 Av	4.7 / 31.8 / 37.2	33.4	V / 1.0 / 0.0	-20.6	N/A
1-4 GHz Vertical 90 degrees						
1008.11	37.0 Av	2.0 / 23.3 / 38.2	24.1	V / 1.0 / 90.0	-29.9	N/A
1033.07	44.8 Av	2.0 / 23.6 / 38.2	32.2	V / 1.0 / 90.0	-21.8	N/A
1056.28	42.5 Av	2.1 / 23.8 / 38.3	30.0	V / 1.0 / 90.0	-24.0	N/A
1058.37	39.1 Av	2.1 / 23.8 / 38.3	26.7	V / 1.0 / 90.0	-27.3	N/A
1061.31	45.9 Av	2.1 / 23.8 / 38.3	33.4	V / 1.0 / 90.0	-20.6	N/A
1066.40	60.1 Av	2.1 / 23.9 / 38.3	47.7	V / 1.0 / 90.0	-6.3	N/A

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	DELTA1 (dB)	DELTA2 (dB)
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	15.209 >1GHz	N/A
1071.49	46.6 Av	2.1 / 23.9 / 38.4	34.2	V / 1.0 / 90.0	-19.8	N/A
1076.53	41.5 Av	2.1 / 23.9 / 38.4	29.1	V / 1.0 / 90.0	-24.9	N/A
1166.39	44.6 Av	2.2 / 23.7 / 38.3	32.2	V / 1.0 / 90.0	-21.8	N/A
1233.03	43.3 Av	2.2 / 24.2 / 38.1	31.6	V / 1.0 / 90.0	-22.4	N/A
1266.36	39.0 Av	2.3 / 24.3 / 38.0	27.6	V / 1.0 / 90.0	-26.4	N/A
1299.70	43.7 Av	2.3 / 24.2 / 37.9	32.3	V / 1.0 / 90.0	-21.7	N/A
1333.01	47.9 Av	2.3 / 24.1 / 37.8	36.5	V / 1.0 / 90.0	-17.5	N/A
1338.10	39.2 Av	2.3 / 24.1 / 37.8	28.0	V / 1.0 / 90.0	-26.0	N/A
1366.34	44.6 Av	2.4 / 24.3 / 37.7	33.6	V / 1.0 / 90.0	-20.4	N/A
1399.68	41.5 Av	2.4 / 24.6 / 37.5	30.9	V / 1.0 / 90.0	-23.1	N/A
1433.00	43.5 Av	2.4 / 24.6 / 37.4	33.1	V / 1.0 / 90.0	-20.9	N/A
1466.33	46.4 Av	2.5 / 24.5 / 37.4	35.9	V / 1.0 / 90.0	-18.1	N/A
1499.64	41.4 Av	2.5 / 24.3 / 37.4	30.8	V / 1.0 / 90.0	-23.2	N/A
1532.99	38.5 Av	2.5 / 24.4 / 37.3	28.1	V / 1.0 / 90.0	-25.9	N/A
1566.28	42.0 Av	2.6 / 24.5 / 37.3	31.7	V / 1.0 / 90.0	-22.3	N/A
1599.60	53.4 Av	2.6 / 24.7 / 37.4	43.3	V / 1.0 / 90.0	-10.7	N/A
1604.67	47.5 Av	2.6 / 24.7 / 37.4	37.5	V / 1.0 / 90.0	-16.5	N/A
1649.86	40.5 Av	2.6 / 25.2 / 37.5	30.8	V / 1.0 / 90.0	-23.2	N/A
1866.25	51.7 Av	2.9 / 26.7 / 38.1	43.2	V / 1.0 / 90.0	-10.8	N/A
2132.79	46.5 Av	3.1 / 26.8 / 38.2	38.1	V / 1.0 / 90.0	-15.9	N/A
1-4 GHz Vertical 180 degrees						
1016.03	39.9 Av	2.0 / 23.4 / 38.2	27.1	V / 1.0 / 180.0	-26.9	N/A
1033.07	49.5 Av	2.0 / 23.6 / 38.2	36.9	V / 1.0 / 180.0	-17.1	N/A
1044.25	38.0 Av	2.0 / 23.7 / 38.2	25.6	V / 1.0 / 180.0	-28.4	N/A
1061.31	44.3 Av	2.1 / 23.8 / 38.3	31.9	V / 1.0 / 180.0	-22.1	N/A
1066.40	57.0 Av	2.1 / 23.9 / 38.3	44.5	V / 1.0 / 180.0	-9.5	N/A
1071.49	45.5 Av	2.1 / 23.9 / 38.4	33.1	V / 1.0 / 180.0	-20.9	N/A
1099.74	51.3 Av	2.1 / 24.0 / 38.4	39.0	V / 1.0 / 180.0	-15.0	N/A
1124.90	39.8 Av	2.1 / 23.8 / 38.3	27.4	V / 1.0 / 180.0	-26.6	N/A
1128.94	39.6 Av	2.1 / 23.7 / 38.3	27.2	V / 1.0 / 180.0	-26.8	N/A
1166.39	50.9 Av	2.2 / 23.7 / 38.3	38.5	V / 1.0 / 180.0	-15.5	N/A
1233.03	48.6 Av	2.2 / 24.2 / 38.1	37.0	V / 1.0 / 180.0	-17.0	N/A
1248.15	40.9 Av	2.2 / 24.3 / 38.1	29.3	V / 1.0 / 180.0	-24.7	N/A
1249.90	37.1 Av	2.2 / 24.3 / 38.1	25.6	V / 1.0 / 180.0	-28.4	N/A
1266.36	42.5 Av	2.3 / 24.3 / 38.0	31.0	V / 1.0 / 180.0	-23.0	N/A
1274.87	38.6 Av	2.3 / 24.3 / 37.9	27.2	V / 1.0 / 180.0	-26.8	N/A
1299.70	49.9 Av	2.3 / 24.2 / 37.9	38.5	V / 1.0 / 180.0	-15.5	N/A
1488.18	37.8 Av	2.5 / 24.4 / 37.4	27.3	V / 1.0 / 180.0	-26.7	N/A
1499.64	42.6 Av	2.5 / 24.3 / 37.4	32.1	V / 1.0 / 180.0	-21.9	N/A
1536.20	40.0 Av	2.5 / 24.4 / 37.3	29.7	V / 1.0 / 180.0	-24.3	N/A
1584.19	41.5 Av	2.6 / 24.6 / 37.4	31.3	V / 1.0 / 180.0	-22.7	N/A
1599.60	51.0 Av	2.6 / 24.7 / 37.4	40.8	V / 1.0 / 180.0	-13.2	N/A
1632.21	41.4 Av	2.6 / 25.0 / 37.5	31.5	V / 1.0 / 180.0	-22.5	N/A
1832.93	42.5 Av	2.8 / 26.6 / 38.0	33.8	V / 1.0 / 180.0	-20.2	N/A
1999.52	45.0 Av	3.0 / 26.9 / 38.1	36.8	V / 1.0 / 180.0	-17.2	N/A

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	DELTA1 (dB)	DELTA2 (dB)
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	15.209 >1GHz	N/A
1-4 GHz Vertical 270 degrees						
1058.37	39.9 Av	2.1 / 23.8 / 38.3	27.4	V / 1.0 / 270.0	-26.6	N/A
1166.39	49.8 Av	2.2 / 23.7 / 38.3	37.3	V / 1.0 / 270.0	-16.7	N/A
1266.36	43.9 Av	2.3 / 24.3 / 38.0	32.4	V / 1.0 / 270.0	-21.6	N/A
1333.01	51.0 Av	2.3 / 24.1 / 37.8	39.7	V / 1.0 / 270.0	-14.3	N/A
1340.60	39.0 Av	2.3 / 24.1 / 37.7	27.7	V / 1.0 / 270.0	-26.3	N/A
1366.34	47.4 Av	2.4 / 24.3 / 37.7	36.3	V / 1.0 / 270.0	-17.7	N/A
1399.68	45.1 Av	2.4 / 24.6 / 37.5	34.6	V / 1.0 / 270.0	-19.4	N/A
1433.00	44.0 Av	2.4 / 24.6 / 37.4	33.6	V / 1.0 / 270.0	-20.4	N/A
1874.84	40.4 Av	2.9 / 26.7 / 38.1	31.9	V / 1.0 / 270.0	-22.1	N/A
Following signals maximized between 1 & 4 GHz Vertical						
1066.40	61.3 Av	2.1 / 23.9 / 38.3	48.9	V / 1.0 / 148.0	-5.1	N/A
1099.74	54.4 Av	2.1 / 24.0 / 38.4	42.1	V / 1.0 / 348.0	-11.9	N/A
1166.39	51.8 Av	2.2 / 23.7 / 38.3	39.3	V / 1.0 / 168.0	-14.7	N/A
1333.01	51.9 Av	2.3 / 24.1 / 37.8	40.5	V / 1.2 / 286.0	-13.5	N/A
1599.60	59.0 Av	2.6 / 24.7 / 37.4	48.8	V / 1.1 / 24.0	-5.2	N/A
1866.25	53.8 Av	2.9 / 26.7 / 38.1	45.2	V / 1.1 / 88.0	-8.8	N/A
1-4 GHz Horizontal 0 degrees						
1008.11	35.9 Av	2.0 / 23.3 / 38.2	23.0	H / 1.6 / 0.0	-31.0	N/A
1016.03	36.1 Av	2.0 / 23.4 / 38.2	23.4	H / 1.6 / 0.0	-30.6	N/A
1033.07	44.0 Av	2.0 / 23.6 / 38.2	31.4	H / 1.6 / 0.0	-22.6	N/A
1044.25	36.4 Av	2.0 / 23.7 / 38.2	23.9	H / 1.6 / 0.0	-30.1	N/A
1049.90	35.6 Av	2.0 / 23.8 / 38.2	23.2	H / 1.6 / 0.0	-30.8	N/A
1058.37	39.0 Av	2.1 / 23.8 / 38.3	26.5	H / 1.6 / 0.0	-27.5	N/A
1061.31	38.0 Av	2.1 / 23.8 / 38.3	25.5	H / 1.6 / 0.0	-28.5	N/A
1066.40	45.3 Av	2.1 / 23.9 / 38.3	32.9	H / 1.6 / 0.0	-21.1	N/A
1071.49	38.0 Av	2.1 / 23.9 / 38.4	25.6	H / 1.6 / 0.0	-28.4	N/A
1099.74	48.2 Av	2.1 / 24.0 / 38.4	35.9	H / 1.6 / 0.0	-18.1	N/A
1104.15	36.5 Av	2.1 / 24.0 / 38.3	24.2	H / 1.6 / 0.0	-29.8	N/A
1128.94	38.9 Av	2.1 / 23.7 / 38.3	26.4	H / 1.6 / 0.0	-27.6	N/A
1133.05	42.9 Av	2.1 / 23.7 / 38.3	30.4	H / 1.6 / 0.0	-23.6	N/A
1166.39	40.5 Av	2.2 / 23.7 / 38.3	28.1	H / 1.6 / 0.0	-25.9	N/A
1233.03	37.2 Av	2.2 / 24.2 / 38.1	25.6	H / 1.6 / 0.0	-28.4	N/A
1266.36	37.3 Av	2.3 / 24.3 / 38.0	25.9	H / 1.6 / 0.0	-28.1	N/A
1299.70	41.0 Av	2.3 / 24.2 / 37.9	29.7	H / 1.6 / 0.0	-24.3	N/A
1333.01	37.6 Av	2.3 / 24.1 / 37.8	26.3	H / 1.6 / 0.0	-27.7	N/A
1366.34	38.0 Av	2.4 / 24.3 / 37.7	26.9	H / 1.6 / 0.0	-27.1	N/A
1433.00	37.0 Av	2.4 / 24.6 / 37.4	26.6	H / 1.6 / 0.0	-27.4	N/A
1466.33	37.0 Av	2.5 / 24.5 / 37.4	26.6	H / 1.6 / 0.0	-27.4	N/A
1499.64	35.9 Av	2.5 / 24.3 / 37.4	25.4	H / 1.6 / 0.0	-28.6	N/A
1599.60	41.3 Av	2.6 / 24.7 / 37.4	31.2	H / 1.6 / 0.0	-22.8	N/A
1604.67	36.9 Av	2.6 / 24.7 / 37.4	26.8	H / 1.6 / 0.0	-27.2	N/A
1632.21	36.9 Av	2.6 / 25.0 / 37.5	27.0	H / 1.6 / 0.0	-27.0	N/A
1632.94	37.2 Av	2.6 / 25.0 / 37.5	27.4	H / 1.6 / 0.0	-26.6	N/A
1680.22	35.8 Av	2.7 / 25.4 / 37.5	26.4	H / 1.6 / 0.0	-27.6	N/A

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	DELTA1 (dB)	DELTA2 (dB)
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	15.209 >1GHz	N/A
1699.61	36.8 Av	2.7 / 25.5 / 37.6	27.4	H / 1.6 / 0.0	-26.6	N/A
1728.22	36.9 Av	2.7 / 26.0 / 37.8	27.8	H / 1.6 / 0.0	-26.2	N/A
1766.26	35.8 Av	2.8 / 26.4 / 37.9	27.0	H / 1.6 / 0.0	-27.0	N/A
1776.23	35.9 Av	2.8 / 26.4 / 38.0	27.1	H / 1.6 / 0.0	-26.9	N/A
1866.25	40.5 Av	2.9 / 26.7 / 38.1	32.0	H / 1.6 / 0.0	-22.0	N/A
1-4 GHz Horizontal 90 degrees						
1016.03	36.3 Av	2.0 / 23.4 / 38.2	23.5	H / 1.6 / 90.0	-30.5	N/A
1066.40	42.5 Av	2.1 / 23.9 / 38.3	30.1	H / 1.6 / 90.0	-23.9	N/A
1128.94	36.0 Av	2.1 / 23.7 / 38.3	23.5	H / 1.6 / 90.0	-30.5	N/A
1133.05	37.5 Av	2.1 / 23.7 / 38.3	25.0	H / 1.6 / 90.0	-29.0	N/A
1166.39	38.3 Av	2.2 / 23.7 / 38.3	25.9	H / 1.6 / 90.0	-28.1	N/A
1233.03	39.7 Av	2.2 / 24.2 / 38.1	28.0	H / 1.6 / 90.0	-26.0	N/A
1299.70	41.2 Av	2.3 / 24.2 / 37.9	29.8	H / 1.6 / 90.0	-24.2	N/A
1333.01	42.6 Av	2.3 / 24.1 / 37.8	31.3	H / 1.6 / 90.0	-22.7	N/A
1366.34	39.5 Av	2.4 / 24.3 / 37.7	28.5	H / 1.6 / 90.0	-25.5	N/A
1466.33	39.4 Av	2.5 / 24.5 / 37.4	29.0	H / 1.6 / 90.0	-25.0	N/A
1728.22	37.9 Av	2.7 / 26.0 / 37.8	28.7	H / 1.6 / 90.0	-25.3	N/A
1766.26	36.5 Av	2.8 / 26.4 / 37.9	27.7	H / 1.6 / 90.0	-26.3	N/A
1776.23	38.1 Av	2.8 / 26.4 / 38.0	29.4	H / 1.6 / 90.0	-24.6	N/A
1799.59	39.2 Av	2.8 / 26.5 / 38.1	30.4	H / 1.6 / 90.0	-23.6	N/A
1832.93	39.1 Av	2.8 / 26.6 / 38.0	30.5	H / 1.6 / 90.0	-23.5	N/A
1866.25	44.4 Av	2.9 / 26.7 / 38.1	35.9	H / 1.6 / 90.0	-18.1	N/A
3338.86	35.6 Av	4.2 / 30.7 / 37.7	32.8	H / 1.6 / 90.0	-21.2	N/A
1-4 GHz Horizontal 180 degrees						
1016.03	40.0 Av	2.0 / 23.4 / 38.2	27.2	H / 1.6 / 180.0	-26.8	N/A
1033.07	44.6 Av	2.0 / 23.6 / 38.2	32.0	H / 1.6 / 180.0	-22.0	N/A
1044.25	37.1 Av	2.0 / 23.7 / 38.2	24.7	H / 1.6 / 180.0	-29.3	N/A
1066.40	43.4 Av	2.1 / 23.9 / 38.3	31.0	H / 1.6 / 180.0	-23.0	N/A
1099.74	44.0 Av	2.1 / 24.0 / 38.4	31.7	H / 1.6 / 180.0	-22.3	N/A
1128.94	36.5 Av	2.1 / 23.7 / 38.3	24.0	H / 1.6 / 180.0	-30.0	N/A
1133.05	42.1 Av	2.1 / 23.7 / 38.3	29.7	H / 1.6 / 180.0	-24.3	N/A
1233.03	40.3 Av	2.2 / 24.2 / 38.1	28.6	H / 1.6 / 180.0	-25.4	N/A
1299.70	42.0 Av	2.3 / 24.2 / 37.9	30.6	H / 1.6 / 180.0	-23.4	N/A
1333.01	45.5 Av	2.3 / 24.1 / 37.8	34.2	H / 1.6 / 180.0	-19.8	N/A
1366.34	41.9 Av	2.4 / 24.3 / 37.7	30.8	H / 1.6 / 180.0	-23.2	N/A
1599.60	44.3 Av	2.6 / 24.7 / 37.4	34.2	H / 1.6 / 180.0	-19.8	N/A

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	DELTA1 (dB)	DELTA2 (dB)
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	15.209 >1GHz	N/A
1728.22	38.1 Av	2.7 / 26.0 / 37.8	29.0	H / 1.6 / 180.0	-25.0	N/A
1866.25	42.2 Av	2.9 / 26.7 / 38.1	33.7	H / 1.6 / 180.0	-20.3	N/A
3338.86	36.2 Av	4.2 / 30.7 / 37.7	33.4	H / 1.6 / 180.0	-20.6	N/A
Following signals maximized between 1 & 4 GHz Horizontal						
1066.40	51.0 Av	2.1 / 23.9 / 38.3	38.6	H / 1.6 / 180.0	-15.4	N/A
1099.74	52.1 Av	2.1 / 24.0 / 38.4	39.9	H / 1.4 / 54.0	-14.1	N/A
1333.01	48.9 Av	2.3 / 24.1 / 37.8	37.5	H / 2.1 / 54.0	-16.5	N/A
1599.60	49.9 Av	2.6 / 24.7 / 37.4	39.8	H / 2.1 / 38.0	-14.2	N/A
1866.25	48.9 Av	2.9 / 26.7 / 38.1	40.3	H / 1.9 / 348.0	-13.7	N/A
4-5 GHz Vertical 0 degrees						
No signals found: 4-5 GHz Vertical - Noisefloor						
4100.00	34.1 Av	4.8 / 31.4 / 40.4	30.0	V / 1.0 / 0.0	-24.0	N/A
4510.00	34.1 Av	5.3 / 31.3 / 40.7	30.0	V / 1.0 / 0.0	-24.0	N/A
4980.00	33.4 Av	5.7 / 32.5 / 40.2	31.3	V / 1.0 / 0.0	-22.7	N/A
No signals found: 4-5 GHz Horizontal - Noisefloor						
4120.00	34.1 Av	4.9 / 31.4 / 40.5	29.9	H / 1.6 / 0.0	-24.1	N/A
4500.00	34.9 Av	5.2 / 31.3 / 40.7	30.7	H / 1.6 / 0.0	-23.3	N/A
4990.00	34.4 Av	5.7 / 32.5 / 40.2	32.4	H / 1.6 / 0.0	-21.6	N/A

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	DELTA1 (dB)	DELTA2 (dB)
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	15.209 >1GHz	N/A
********** Measurement Summary **********						
1066.40	61.3 Av	2.1 / 23.9 / 38.3	48.9	V / 1.0 / 148.0	-5.1	N/A
1599.60	59.0 Av	2.6 / 24.7 / 37.4	48.8	V / 1.1 / 24.0	-5.2	N/A
1866.25	53.8 Av	2.9 / 26.7 / 38.1	45.2	V / 1.1 / 88.0	-8.8	N/A
1099.74	54.4 Av	2.1 / 24.0 / 38.4	42.1	V / 1.0 / 348.0	-11.9	N/A
1333.01	51.9 Av	2.3 / 24.1 / 37.8	40.5	V / 1.2 / 286.0	-13.5	N/A
1166.39	51.8 Av	2.2 / 23.7 / 38.3	39.3	V / 1.0 / 168.0	-14.7	N/A
1299.70	49.9 Av	2.3 / 24.2 / 37.9	38.5	V / 1.0 / 180.0	-15.5	N/A
2132.79	46.5 Av	3.1 / 26.8 / 38.2	38.1	V / 1.0 / 90.0	-15.9	N/A
1033.07	50.1 Av	2.0 / 23.6 / 38.2	37.5	V / 1.0 / 0.0	-16.5	N/A
1604.67	47.5 Av	2.6 / 24.7 / 37.4	37.5	V / 1.0 / 90.0	-16.5	N/A
1233.03	48.6 Av	2.2 / 24.2 / 38.1	37.0	V / 1.0 / 180.0	-17.0	N/A
1999.52	45.0 Av	3.0 / 26.9 / 38.1	36.8	V / 1.0 / 180.0	-17.2	N/A
1799.59	45.4 Av	2.8 / 26.5 / 38.1	36.6	V / 1.0 / 0.0	-17.4	N/A
1366.34	47.4 Av	2.4 / 24.3 / 37.7	36.3	V / 1.0 / 270.0	-17.7	N/A
1594.55	46.3 Av	2.6 / 24.7 / 37.4	36.2	V / 1.0 / 0.0	-17.8	N/A
1133.05	48.4 Av	2.1 / 23.7 / 38.3	35.9	V / 1.0 / 0.0	-18.1	N/A
1466.33	46.4 Av	2.5 / 24.5 / 37.4	35.9	V / 1.0 / 90.0	-18.1	N/A
1399.68	45.1 Av	2.4 / 24.6 / 37.5	34.6	V / 1.0 / 270.0	-19.4	N/A
1071.49	46.6 Av	2.1 / 23.9 / 38.4	34.2	V / 1.0 / 90.0	-19.8	N/A
1776.23	43.0 Av	2.8 / 26.4 / 38.0	34.2	V / 1.0 / 0.0	-19.8	N/A
1609.38	43.9 Av	2.6 / 24.8 / 37.4	33.9	V / 1.0 / 0.0	-20.1	N/A
1861.17	42.5 Av	2.9 / 26.6 / 38.1	33.9	V / 1.0 / 0.0	-20.1	N/A
1680.22	43.2 Av	2.7 / 25.4 / 37.5	33.8	V / 1.0 / 0.0	-20.2	N/A
1832.93	42.5 Av	2.8 / 26.6 / 38.0	33.8	V / 1.0 / 180.0	-20.2	N/A
1433.00	44.0 Av	2.4 / 24.6 / 37.4	33.6	V / 1.0 / 270.0	-20.4	N/A
1061.31	45.9 Av	2.1 / 23.8 / 38.3	33.4	V / 1.0 / 90.0	-20.6	N/A
3338.86	36.2 Av	4.2 / 30.7 / 37.7	33.4	H / 1.6 / 180.0	-20.6	N/A
3955.73	34.1 Av	4.7 / 31.8 / 37.2	33.4	V / 1.0 / 0.0	-20.6	N/A
1728.22	42.4 Av	2.7 / 26.0 / 37.8	33.3	V / 1.0 / 0.0	-20.7	N/A
3732.36	35.7 Av	4.6 / 31.1 / 38.4	33.0	V / 1.0 / 0.0	-21.0	N/A
1632.94	42.6 Av	2.6 / 25.0 / 37.5	32.8	V / 1.0 / 0.0	-21.2	N/A
1589.84	42.6 Av	2.6 / 24.6 / 37.4	32.5	V / 1.0 / 0.0	-21.5	N/A
1266.36	43.9 Av	2.3 / 24.3 / 38.0	32.4	V / 1.0 / 270.0	-21.6	N/A
4990.00	34.4 Av	5.7 / 32.5 / 40.2	32.4	H / 1.6 / 0.0	-21.6	N/A
1566.28	42.5 Av	2.6 / 24.5 / 37.3	32.2	V / 1.0 / 0.0	-21.8	N/A
1499.64	42.6 Av	2.5 / 24.3 / 37.4	32.1	V / 1.0 / 180.0	-21.9	N/A
1874.84	40.4 Av	2.9 / 26.7 / 38.1	31.9	V / 1.0 / 270.0	-22.1	N/A
1104.15	44.0 Av	2.1 / 24.0 / 38.3	31.7	V / 1.0 / 0.0	-22.3	N/A
1632.21	41.4 Av	2.6 / 25.0 / 37.5	31.5	V / 1.0 / 180.0	-22.5	N/A
1584.19	41.5 Av	2.6 / 24.6 / 37.4	31.3	V / 1.0 / 180.0	-22.7	N/A
3199.17	35.0 Av	4.0 / 30.5 / 38.2	31.3	V / 1.0 / 0.0	-22.7	N/A
4980.00	33.4 Av	5.7 / 32.5 / 40.2	31.3	V / 1.0 / 0.0	-22.7	N/A
1666.25	40.5 Av	2.7 / 25.3 / 37.5	31.0	V / 1.0 / 0.0	-23.0	N/A
1699.61	40.4 Av	2.7 / 25.5 / 37.6	31.0	V / 1.0 / 0.0	-23.0	N/A

FREQ	LEVEL	CABLE / ANT / PREAMP	FINAL	POL / HGT / AZ	DELTA1 (dB)	DELTA2 (dB)
(MHz)	(dBuV)	(dB) (dB\m) (dB)	(dBuV)	(m) (DEG)	15.209 >1GHz	N/A
1649.86	40.5 Av	2.6 / 25.2 / 37.5	30.8	V / 1.0 / 90.0	-23.2	N/A
4500.00	34.9 Av	5.2 / 31.3 / 40.7	30.7	H / 1.6 / 0.0	-23.3	N/A
1766.26	39.3 Av	2.8 / 26.4 / 37.9	30.5	V / 1.0 / 0.0	-23.5	N/A
1056.28	42.5 Av	2.1 / 23.8 / 38.3	30.0	V / 1.0 / 90.0	-24.0	N/A
2665.98	36.5 Av	3.4 / 28.3 / 38.1	30.0	V / 1.0 / 0.0	-24.0	N/A
4100.00	34.1 Av	4.8 / 31.4 / 40.4	30.0	V / 1.0 / 0.0	-24.0	N/A
4510.00	34.1 Av	5.3 / 31.3 / 40.7	30.0	V / 1.0 / 0.0	-24.0	N/A
4120.00	34.1 Av	4.9 / 31.4 / 40.5	29.9	H / 1.6 / 0.0	-24.1	N/A
1536.20	40.0 Av	2.5 / 24.4 / 37.3	29.7	V / 1.0 / 180.0	-24.3	N/A
1049.90	42.0 Av	2.0 / 23.8 / 38.2	29.6	V / 1.0 / 0.0	-24.4	N/A
1248.15	40.9 Av	2.2 / 24.3 / 38.1	29.3	V / 1.0 / 180.0	-24.7	N/A
1076.53	41.5 Av	2.1 / 23.9 / 38.4	29.1	V / 1.0 / 90.0	-24.9	N/A
1124.90	41.4 Av	2.1 / 23.8 / 38.3	29.0	V / 1.0 / 0.0	-25.0	N/A
1532.99	38.5 Av	2.5 / 24.4 / 37.3	28.1	V / 1.0 / 90.0	-25.9	N/A
1008.11	40.9 Av	2.0 / 23.3 / 38.2	28.0	V / 1.0 / 0.0	-26.0	N/A
1338.10	39.2 Av	2.3 / 24.1 / 37.8	28.0	V / 1.0 / 90.0	-26.0	N/A
1327.93	39.1 Av	2.3 / 24.1 / 37.8	27.8	V / 1.0 / 0.0	-26.2	N/A
1340.60	39.0 Av	2.3 / 24.1 / 37.7	27.7	V / 1.0 / 270.0	-26.3	N/A
1274.87	39.0 Av	2.3 / 24.3 / 37.9	27.6	V / 1.0 / 0.0	-26.4	N/A
1058.37	39.9 Av	2.1 / 23.8 / 38.3	27.4	V / 1.0 / 270.0	-26.6	N/A
1488.18	37.8 Av	2.5 / 24.4 / 37.4	27.3	V / 1.0 / 180.0	-26.7	N/A
1016.03	40.0 Av	2.0 / 23.4 / 38.2	27.2	H / 1.6 / 180.0	-26.8	N/A
1128.94	39.6 Av	2.1 / 23.7 / 38.3	27.2	V / 1.0 / 180.0	-26.8	N/A
1152.13	39.0 Av	2.2 / 23.5 / 38.3	26.4	V / 1.0 / 0.0	-27.6	N/A
1149.91	38.8 Av	2.1 / 23.5 / 38.3	26.1	V / 1.0 / 0.0	-27.9	N/A
1574.87	36.0 Av	2.6 / 24.5 / 37.3	25.7	V / 1.0 / 0.0	-28.3	N/A
1044.25	38.0 Av	2.0 / 23.7 / 38.2	25.6	V / 1.0 / 180.0	-28.4	N/A
1249.90	37.1 Av	2.2 / 24.3 / 38.1	25.6	V / 1.0 / 180.0	-28.4	N/A
1392.16	35.7 Av	2.4 / 24.5 / 37.5	25.1	V / 1.0 / 0.0	-28.9	N/A

Example calculation for Unintentional Radiated Emissions:

Measured Level	+	**Transducer, Cable Loss & Amplifier corrections**	=	**Corrected Reading**	**Specification Limit**	-	**Corrected Reading**	=	**Delta Specification**
(dBμV)		(dB)		(dBμV/m)	(dBμV/m)		(dBμV/m)		
14.0		**14.9**		**28.9**	**40.0**		**28.9**		**-11.1**

Deviations, Additions, or Exclusions: None

7 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 ±	Notes
Radiated emissions, 10kHz to 1000 MHz	4.8 dB	
Radiated emissions, 1 to 18 GHz	4.9 dB	
AC mains Conducted emissions, 150kHz 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	TBD	In Process
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	

8 Revision History

Revision Level	Date	Report Number	Notes
1	03/25/2011	10035654DEN-002D	This report is an update of report numbers: 3175935DEN-004 and 3188063DEN-001A No additional testing was performed, the two reports are combined into one and a validation for the latest version of RSS-210 was performed. Michael Spataro