



FCC Test Report

For

Envirocount RF Reader

FCC ID : WL7HILEXYSASPR01
Model Name : ASPR-001
Applicant : Shanghai Yousheng Weighing Apparatus Co.,Ltd
Address : Building 58, No.99 Chunguang Road, Xinzhuang Industrial Zone,
Minhang, Shanghai, China
Report No. : 0803070-SF-03011V01
Received : 2008/07/17
Report Data : 2008/08/04
Test Location : CERPASS TECHNOLOGY (SUZHOU) CO., LTD
LAB Address : No.66, Tangzhuang Road, Suzhou Industrial Park, Jiangsu 215006, China
TEL: +86-512-6917-5888
FAX: +86-512-6917-5666

- The test results relate only to the test samples.
- Without the written authorization of the test lab, the test report may not be copied.
- This report must not be used to claim product endorsement by CNLA, NVLAP, NIST or any agency of the Government.

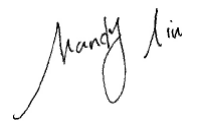
TABLE OF CONTENTS

Description	Page
1 · GENERAL INFORMATION	4
1.1. DESCRIPTION OF EUT	4
1.1.1. GENERAL INFORMATION OF EUT	4
1.1.2. GENERAL INFORMATION OF ANTENNA	4
1.2. TEST METHOD	5
1.3. TEST MODE	5
1.4. SUPPORT EQUIPMENT	5
1.5. TEST SETUP	6
1.6. TEST AND MEASUREMENT EQUIPMENT	7
1.7. MEASUREMENT UNCERTAINTY	9
1.8. TEST ENVIRONMENT	9
2. CONDUCTED EMISSION (MAIN TERMINALS)	10
2.1. TEST SETUP	10
2.2. LIMIT	10
2.3. TEST PROCEDURE	11
2.4. TEST RESULT	12
3. RADIATED EMISSION	14
3.1. TEST SETUP	14
3.2. LIMIT	14
3.3. TEST PROCEDURE	15
3.4. TEST RESULT	16
4. BAND EDGE	23
4.1. TEST SETUP	23
4.2. LIMIT	24
4.3. TEST PROCEDURE	25
4.4. TEST RESULT	26

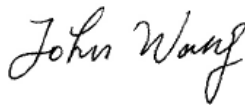
ANSI C63.4 -2003			
FCC CFR Title 47 Part 15 Subpart C: 2007			
Requirement--Test	Normative References	Result	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.249(d),15.207	Pass	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.209, 15.35(c)	Pass	No
Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.215(c).15.249(f),15.37(d)	Pass	No

Note: The test results relate only to the test samples.
Without the written authorization of the test lab, the test report may not be copied.

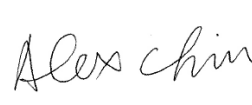
Documented By:



Approved By:



Released By:



1. GENERAL INFORMATION

1.1. DESCRIPTION OF EUT

1.1.1. GENERAL INFORMATION OF EUT

Product Name	Envirocount RF Reader
Trade Name	N/A
Model No.	ASPR-001
FCC ID	WL7HILEXYSASPR01
Working Voltage	DC 4.5V
Frequency Range	915MHz
Channel Number	1
Type of Modulation	FSK
Antenna type	Whip Antenna
Antenna Gain	0.5dBi

1.1.2. GENERAL INFORMATION OF ANTENNA

No.	Manufacturer	Model No.	Peak Gain
1	Shanghai Yousheng Weighing Apparatus Co, Ltd	YSA915A	0.5dBi

1.2. TEST METHOD

According to the major function designed, the EUT was set up by the following steps.

(1)	Setup the EUT and simulators.
(2)	Turn on the power of all equipment;
(3)	Run the test software for controlling EUT transmitting mode.

1.3. TEST MODE

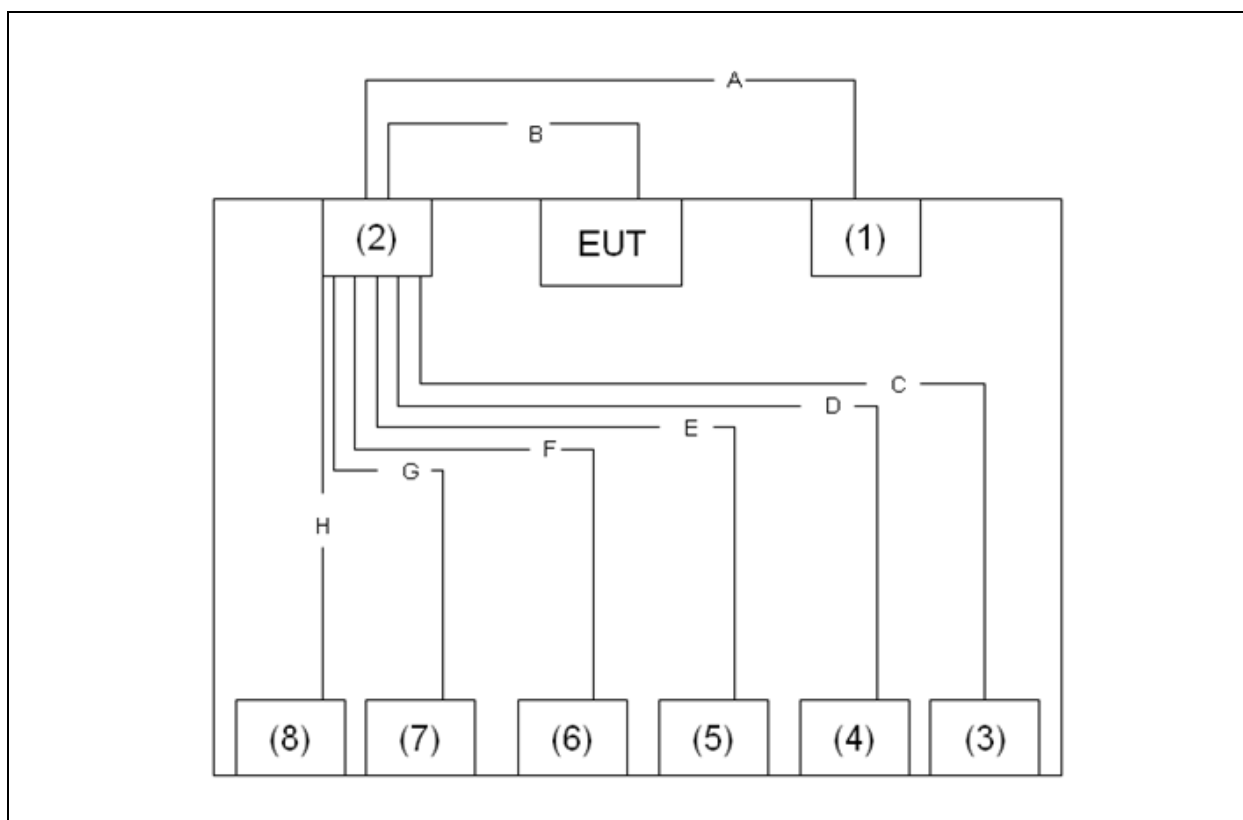
All the test modes were carried out with the EUT in normal operation, the final test model as show
Below:

Pre-Test Mode
Mode 1: Transmit by Dongle
Final Test Mode
Mode 1: Transmit by Dongle

1.4. SUPPORT EQUIPMENT

No.	Product name	Manufacture	Model No.	Serial No.
1	Color LCD Monitor	BenQ	Q24W5	ETK9700004CLF
2	PC	DELL	Dimension4700C	2N521
3	USB Mouse	DELL	OYH933	N/A
4	Keyboard	DELL	SK-8115	RevA01
5	IPOD NANO 2GB	APPLE	MA477TA/A	YM723A3KVQ5
6	IPOD NANO 2GB	APPLE	MA477TA/A	5U7308CNVQ5
7	IPOD NANO 2GB	APPLE	MA477TA/A	6U640QVVVQ5
8	IPOD NANO 2GB	APPLE	MA477TA/A	5U7308HLVQ5

1.5. TEST SETUP



Signal Cable Type		Signal cable Description
A	VGA Cable	Shielding, 1.5m
B	USB Cable	Shielding, 1m
C	USB Cable	Shielding, 1.5m
D	USB Cable	Shielding, 1.5m
E	USB Cable	Shielding, 1m
F	USB Cable	Shielding, 1m
G	USB Cable	Shielding, 1m
H	USB Cable	Shielding, 1m

1.6. TEST AND MEASUREMENT EQUIPMENT

TEST EQUIPMENT LIST

Conducted Emission (SR 101)

Item	Equipment name	Manufacturer	Model No	Serial No	Cal. Date
1	EMC Emission Tester	EMCPARTNER	Harmonics-1000	159	2008.06.30
2	Test Receiver	R&S	ESCI	100565	2008.06.30
3	AMN	R&S	ESH2-Z5	100182	2008.06.30
4	Two-Line V-Network	R&S	ENV216	100325	2008.06.30
5	ISN	FCC	FCC-TLISN-T2-02	20379	2008.06.30
6	ISN	FCC	FCC-TLISN-T4-02	20380	2008.06.30
7	ISN	FCC	FCC-TLISN-T8-02	20381	2008.06.30
8	Current Probe	R&S	EZ-17	100303	2008.06.30
9	Passive Voltage Probe	R&S	ESH2-Z3	100026	2008.06.30
10	Decoupling Clamp	LUTHI	FTC 40 X 15 E	5685	2008.07.01
11	Absorbing Clamp	Schwarzbeck	MDS21	3753	2008.05.03
12	Power Divider	Agilent	11636A	09523	2008.06.30
13	Minimum Loss Pad	Agilent	11852B	61650	2008.06.30
14	Temperature/Humidity Meter	Zhicheng	ZC1-11	CEP-TH-004	2007.10.10

Radiation Emission (AC 102)

Item	Equipment name	Manufacturer	Model No	Serial No	Cal. Date
1	EMI Test Receiver	R&S	ESCI	100564	2008.06.30
2	Preamplifier	Agilent	87405B	My39500554	2007.08.02
3	Preamplifier	R&S	PR-AMP26	1248791	2008.07.01
4	Ultra Broadband Antenna	R&S	HL562	100362	2008.06.30
5	Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-001	2007.10.10
6	Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	9120D-619	2007.10.15
7	Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2007.10.10

Band Edge (AC 102)

Item	Equipment name	Manufacturer	Model No	Serial No	Cal. Date
1	EMI Test Receiver	R&S	ESCI	100564	2008.06.30
2	Preamplifier	Agilent	87405B	My39500554	2007.08.02
3	Preamplifier	R&S	PR-AMP26	1248791	2008.07.01
4	Ultra Broadband Antenna	R&S	HL562	100362	2008.06.30
5	Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-001	2007.10.10
6	Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	9120D-619	2007.10.15
7	Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2007.10.10

1.7. MEASUREMENT UNCERTAINTY

Conducted Emission
The measurement uncertainty is evaluated as ± 2.24 dB.
Radiated Emission
(30MHz -1000MHz) The measurement uncertainty is evaluated as ± 2.98 dB. (1000MHz -18000MHz) The measurement uncertainty is evaluated as ± 3.29 dB.
Band Edge
The measurement uncertainty is defined as ± 1.27 dB

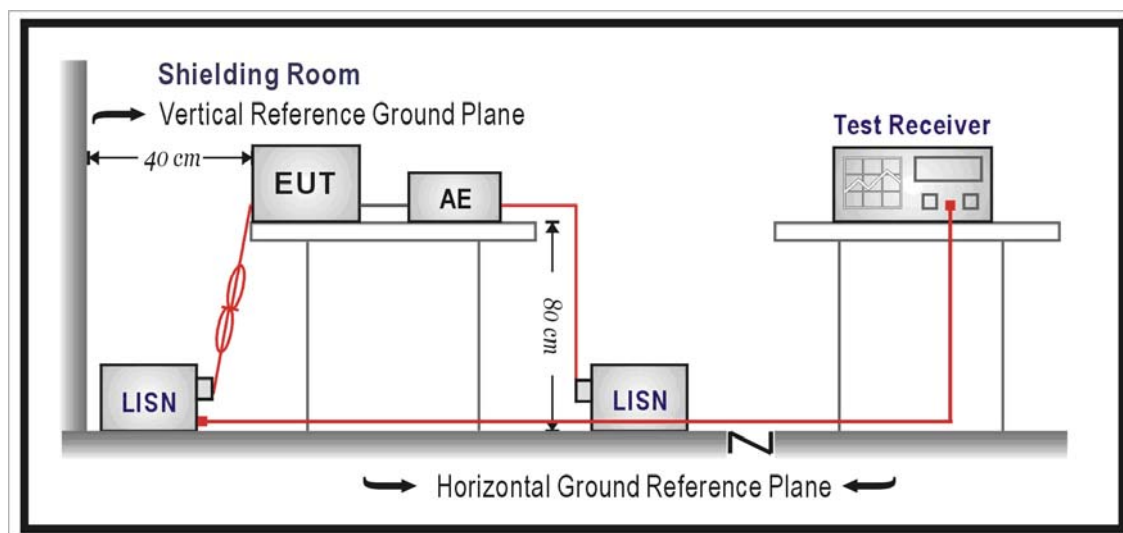
1.8. TEST ENVIRONMENT

Test Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	15-35	24
	Humidity (%RH)	25-75	45
	Barometric pressure (Kpar)	860-1060	950-1000
Radiated Emission	Temperature (°C)	15-35	23
	Humidity (%RH)	25-75	48
	Barometric pressure (Kpar)	860-1060	950-1000
Band Edge	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	45
	Barometric pressure (Kpar)	860-1060	950-1000

2. CONDUCTED EMISSION (MAIN TERMINALS)

Test Result:	Pass
Deviation:	No

2.1. TEST SETUP



2.2. LIMIT

FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV)		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

Note: In the above table, the tighter limit applies at the band edges.

2.3. TEST PROCEDURE

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination.

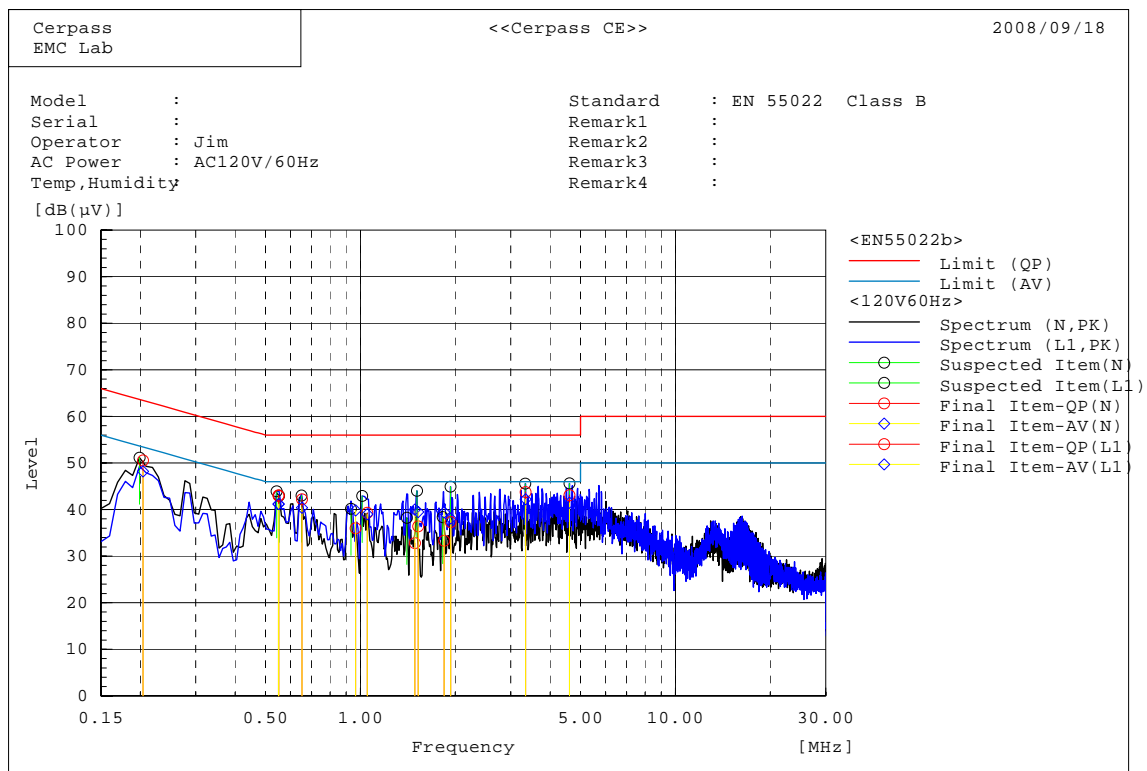
(Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.4. TEST RESULT

Standard	:	Limit : FCC_ Part 15.207	Date/Time	:	2008/09/18
Model	:	ASPR-001	Serial	:	N/A
Operator	:	Jim	AC Power	:	120V/60Hz
Temp,	:	25"	Humidity	:	47%



EUT : Envirocount RF Reader
Model : ASPR-001

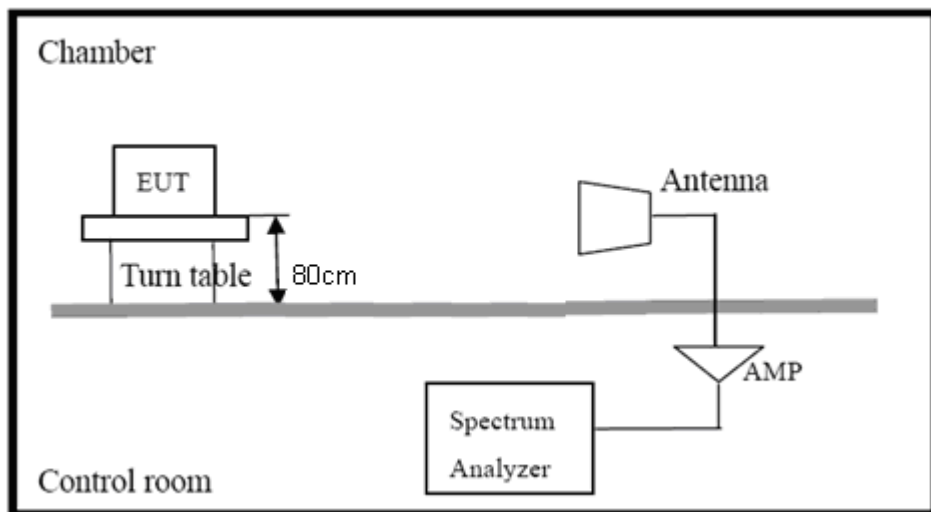
Date : 2008/08/21
Report No: 0803070-SF-03011V01

Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fai I
0.54993	L1	33.3	31.4	9.8	43.1	41.2	56.0	46.0	12.9	4.8	Pass
3.34285	L1	33.9	32.4	9.8	43.7	42.2	56.0	46.0	12.3	3.8	Pass
4.60657	L1	33.3	31.7	9.8	43.1	41.5	56.0	46.0	12.9	4.5	Pass
1.052	L1	29.6	29.3	9.7	39.3	39.0	56.0	46.0	16.7	7.0	Pass
1.9356	L1	27.5	28.3	9.8	37.3	38.1	56.0	46.0	18.7	7.9	Pass
1.525	L1	26.7	29.8	9.7	36.4	39.5	56.0	46.0	19.6	6.5	Pass
0.65227	N	32.4	30.6	9.8	42.2	40.4	56.0	46.0	13.8	5.6	Pass
0.55061	N	33.2	31.5	9.7	42.9	41.2	56.0	46.0	13.1	4.8	Pass
0.20413	N	40.7	38.3	9.9	50.6	48.2	63.4	53.4	12.8	5.2	Pass
0.966	N	26.3	30.1	9.7	36.0	39.8	56.0	46.0	20.0	6.2	Pass
1.489	N	23.1	30.3	9.7	32.8	40.0	56.0	46.0	23.2	6.0	Pass
1.844	N	23.5	29.6	9.8	33.3	39.4	56.0	46.0	22.7	6.6	Pass

3. RADIATED EMISSION

Test Result:	Pass
Deviation:	No

3.1. TEST SETUP



3.2. LIMIT

FCC Part 15 Subpart C Paragraph 15.209 Limits (dBuV/m)		
Frequency (MHz)	Distance (m)	dBuV/m
30 - 88	3	40
88 - 216	3	43.5
216 - 960	3	46
Above 960	3	54

Note:

1. The tighter limit shall apply at the edge between two frequency bands.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
3. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

3.3. TEST PROCEDURE

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.

The turn table can rotate 360 degrees to determine the position of the maximum emission level and the antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

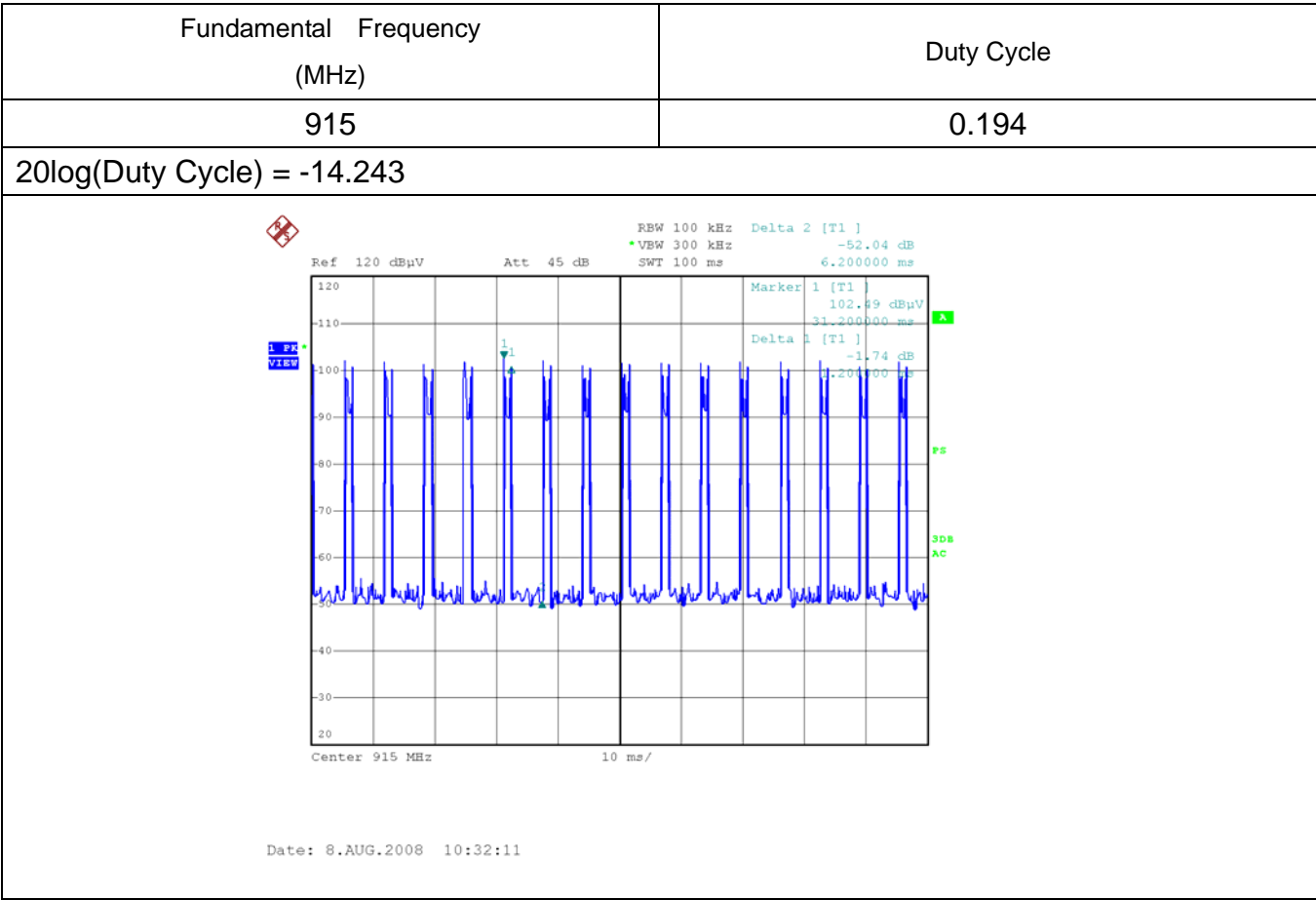
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.

The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field strength of harmonics measurement.

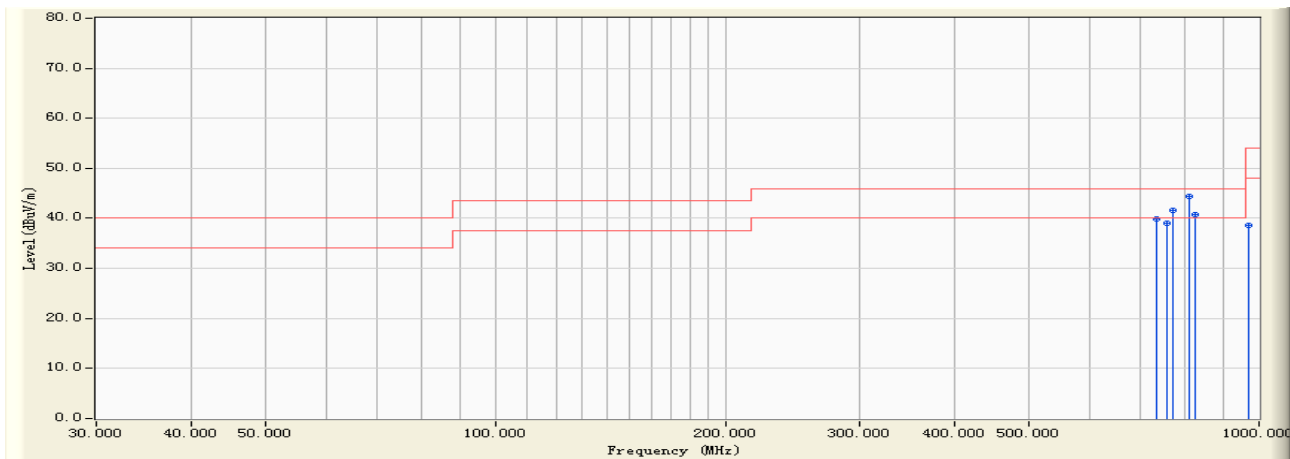
The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCI) is 120 kHz and above 1GHz is 1MHz.

3.4. TEST RESULT

Fundamental Frequency (MHz)	Polarize	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector Type	Test Result
914.89	HORIZONTAL	3.424	89.465	92.889	114	21.111	Peak	Pass
914.89	HORIZONTAL	3.424	75.222	78.646	94	15.354	Average	Pass
914.89	VERTICAL	3.424	89.124	92.548	114	21.452	Peak	Pass
914.89	VERTICAL	3.424	74.881	78.305	94	15.695	Average	Pass



Engineer : Topguns	
Site : EMC Lab AC 102	Time : 2008/07/19 - 16:12
Limit : FCC_ Part 15.209_03M _QP	Margin : 6
EUT : Envirocount RF Reader	Probe : HL562(30-1000MHz) - HORIZONTAL
Power : DC 4.5V	Note : Mode 1: Transmit by Electronic Dongle

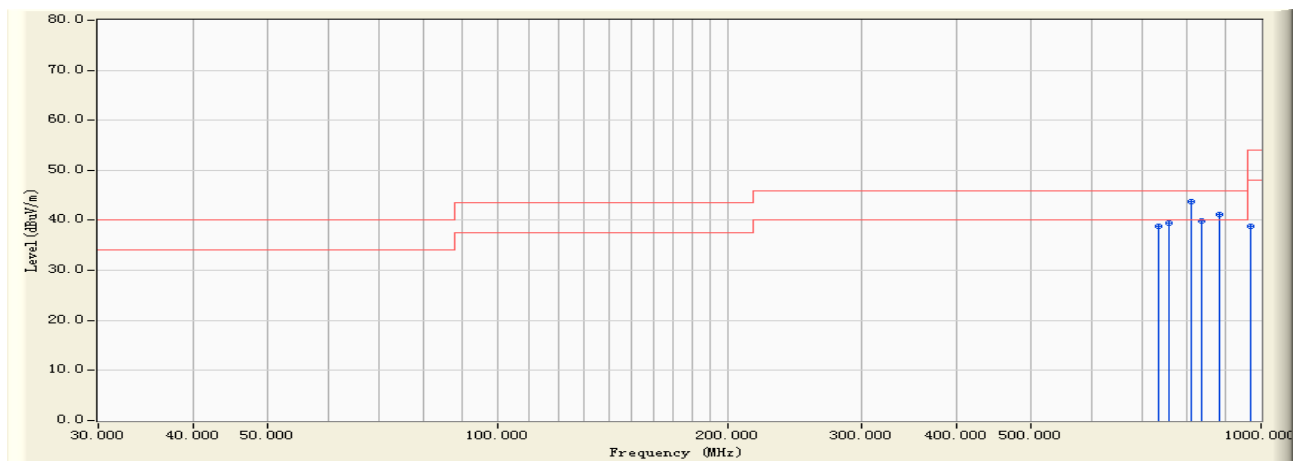


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		732.814	-0.008	39.941	39.932	-6.068	46.000	QUASIPeAK
2		757.984	0.647	38.437	39.084	-6.916	46.000	QUASIPeAK
3		771.537	0.790	40.835	41.624	-4.376	46.000	QUASIPeAK
4	*	810.259	1.347	43.112	44.459	-1.541	46.000	QUASIPeAK
5		825.748	1.644	39.207	40.851	-5.149	46.000	QUASIPeAK
6		970.958	3.868	34.660	38.528	-15.472	54.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Topguns	
Site : EMC Lab AC 102	Time : 2008/07/19 - 16:14
Limit : FCC_ Part 15.209_03M _QP	Margin : 6
EUT : Envirocount RF Reader	Probe : HL562(30-1000MHz) - VERTICAL
Power : DC 4.5V	Note : Mode 1: Transmit by Electronic Dongle

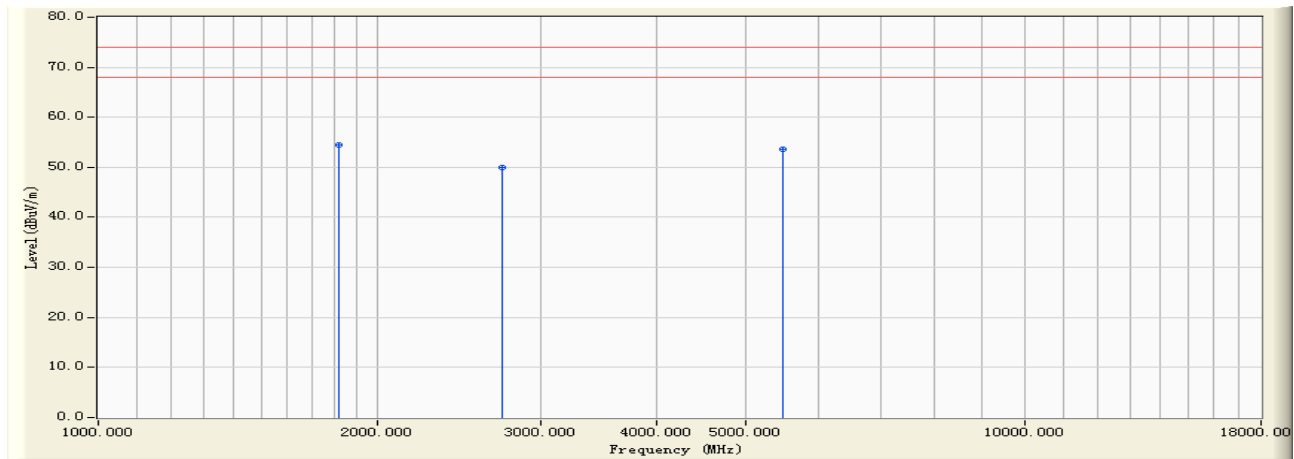


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		732.814	-0.008	38.777	38.768	-7.232	46.000	QUASIPeAK
2		757.984	0.647	38.882	39.529	-6.471	46.000	QUASIPeAK
3	*	810.259	1.347	42.397	43.744	-2.256	46.000	QUASIPeAK
4		837.365	1.802	38.128	39.930	-6.070	46.000	QUASIPeAK
5		881.896	2.665	38.558	41.224	-4.776	46.000	QUASIPeAK
6		970.958	3.868	34.984	38.852	-15.148	54.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Topguns	
Site : EMC Lab AC 102	Time : 2008/07/19 - 16:07
Limit : FCC_Part 15.209_03M_PK	Margin : 6
EUT : Envirocount RF Reader	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : DC 4.5V	Note : Mode 1: Transmit by Electronic Dongle

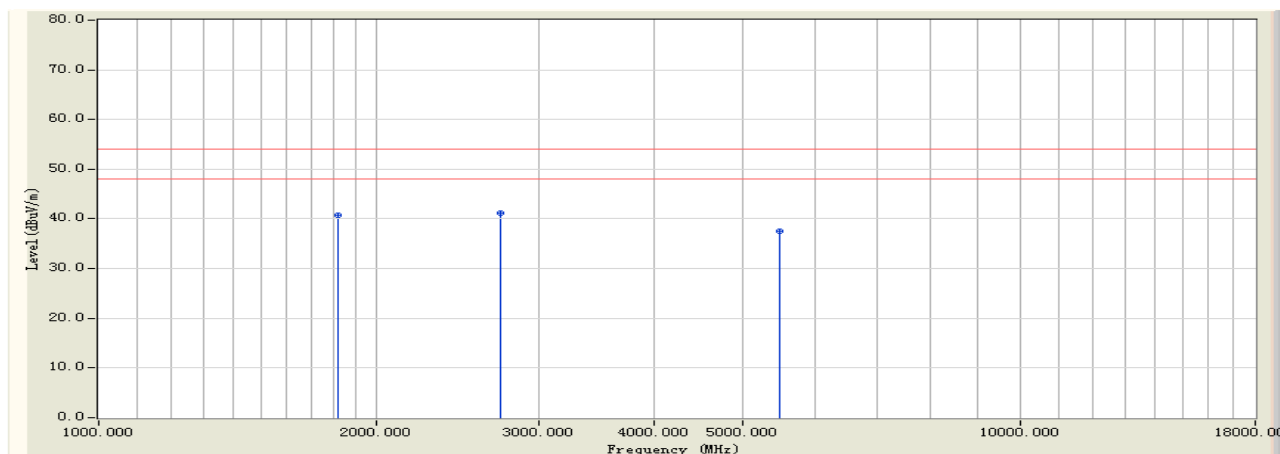


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	1816.000	-4.728	59.300	54.572	-19.428	74.000	PEAK
2		2734.000	-5.731	55.600	49.870	-24.130	74.000	PEAK
3		5488.000	1.569	52.100	53.669	-20.331	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Topguns	
Site : EMC Lab AC 102	Time : 2008/07/19 - 16:07
Limit : FCC_Part 15.209_03M_AV	Margin : 6
EUT : Envirocount RF Reader	Probe : BBHA9120D(1-18GHz) - HORIZONTAL
Power : DC 4.5V	Note : Mode 1: Transmit by Electronic Dongle

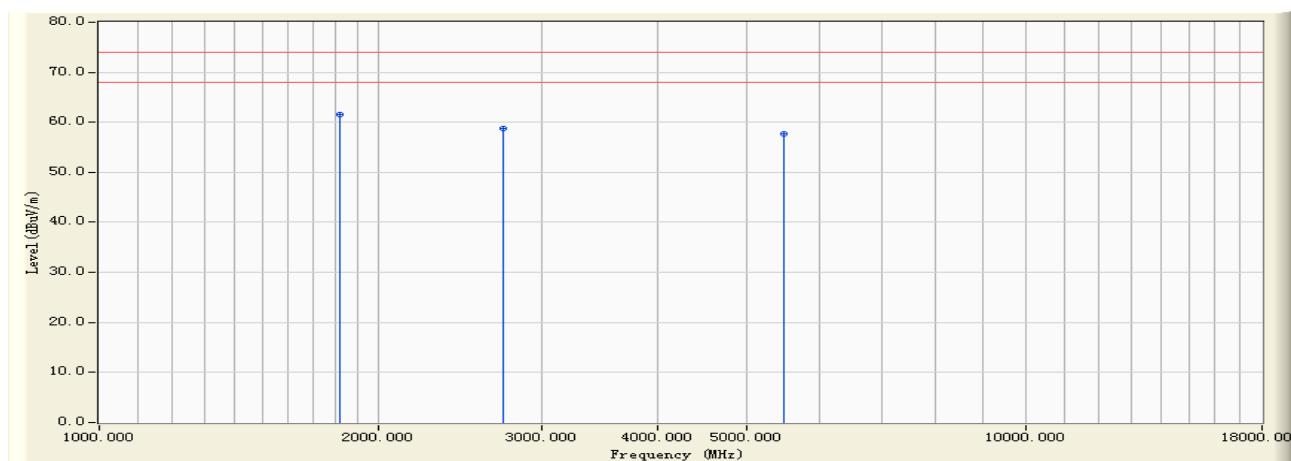


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1816.000	-4.728	45.057	40.329	-13.671	54.000	AVERAGE
2		2734.000	-5.731	41.357	35.627	-18.373	54.000	AVERAGE
3	*	5488.000	1.569	37.857	39.426	-14.574	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Topguns	
Site : EMC Lab AC 102	Time : 2008/07/19 - 16:07
Limit : FCC_ Part 15.209_03M _PK	Margin : 6
EUT : Envirocount RF Reader	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : DC 4.5V	Note : Mode 1: Transmit by Electronic Dongle (above 1G)

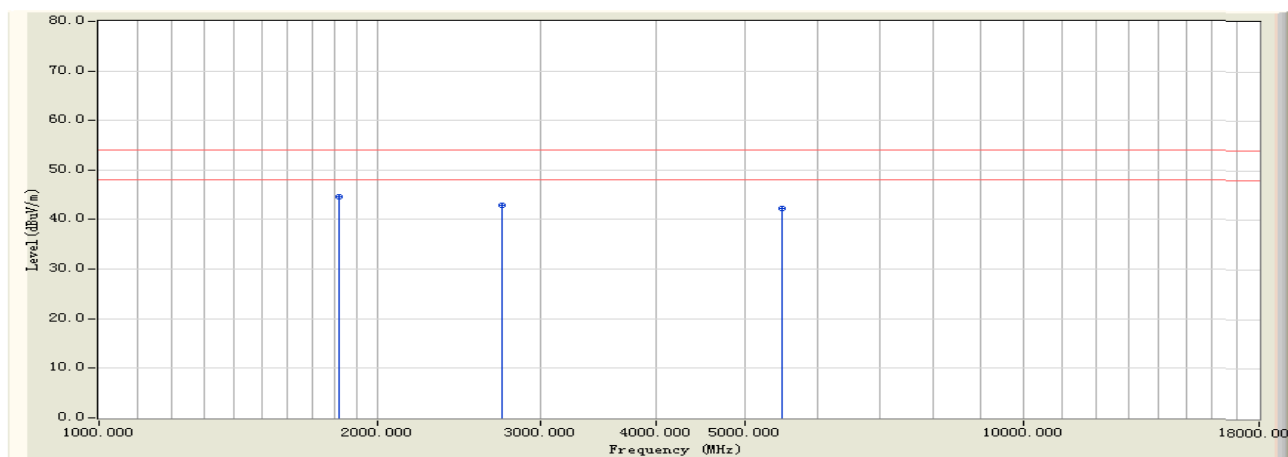


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	1816.000	-4.728	66.300	61.572	-12.428	74.000	PEAK
2		2734.000	-5.731	64.400	58.670	-15.330	74.000	PEAK
3		5488.000	1.569	56.100	57.669	-16.331	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Topguns	
Site : EMC Lab AC 102	Time : 2008/07/19 - 16:07
Limit : FCC_ Part 15.209_03M _AV	Margin : 6
EUT : Envirocount RF Reader	Probe : BBHA9120D(1-18GHz) - VERTICAL
Power : DC 4.5V	Note : Mode 1: Transmit by Electronic Dongle (above 1G)



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	1816.000	-4.728	52.057	47.329	-6.671	54.000	AVERAGE
2		2734.000	-5.731	50.157	44.427	-9.573	54.000	AVERAGE
3		5488.000	1.569	41.857	43.426	-10.574	54.000	AVERAGE

Note:

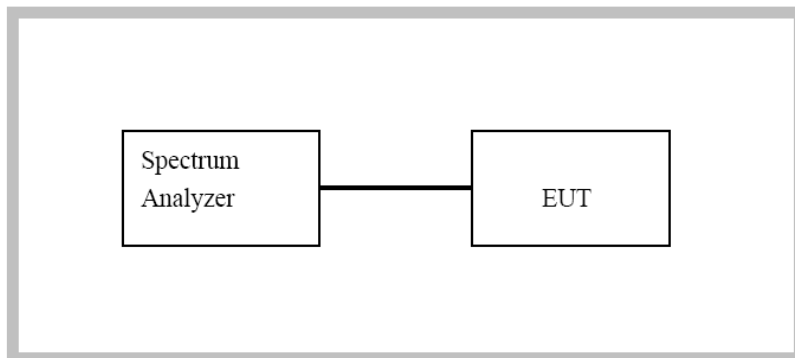
1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

4. BAND EDGE

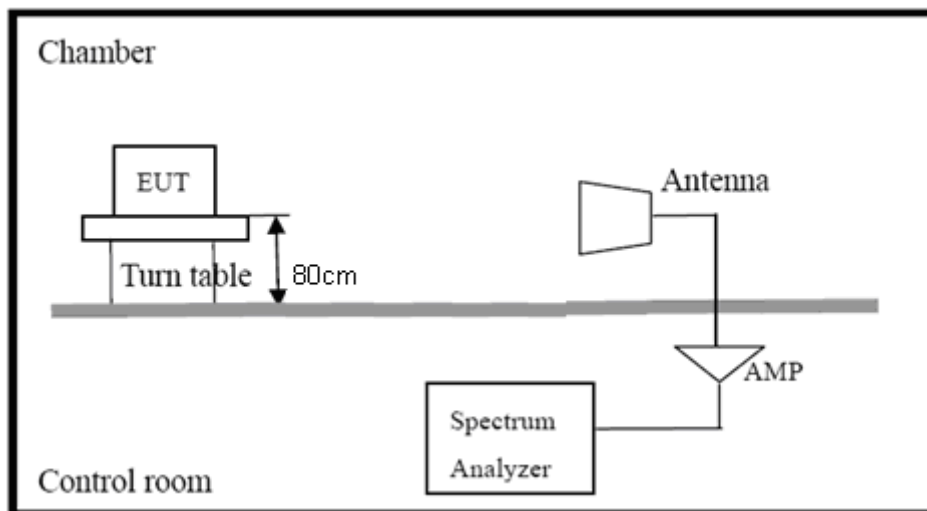
Test Result:	Pass
Deviation:	No

4.1. TEST SETUP

RF Conducted Measurement



RF Radiated Measurement



4.2. LIMIT

In any 100kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operation, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

Attenuation below the general limits specified in section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in section 15.205(a), must also comply with the radiated emission limits specified in section 15.209(a).

Operating frequency range (MHz)	Spurious emission frequency (MHz)	LIMIT	
		Peak power ration to emission (dBc)	Emission level (dBuV/m)
902-928	<902	>20	N/A
	>928	>20	N/A
	960-1240	N/A	54
2400-2483.5	<2400	>20	N/A
	>2483.5-2500	N/A	54
5725-5850	<5350-5460	N/A	54
	<5725	>20	N/A
	>5850	>20	N/A

4.3. TEST PROCEDURE

For RF Conducted Measurement:

Place the EUT on a bench and set it in transmitting mode.

Connect a low loss RF cable from the antenna port to a spectrum analyzer.

Add a correction factor to the display, and then test.

For RF Radiated Measurement:

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.

The turn table can rotate 360 degrees to determine the position of the maximum emission level and the antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

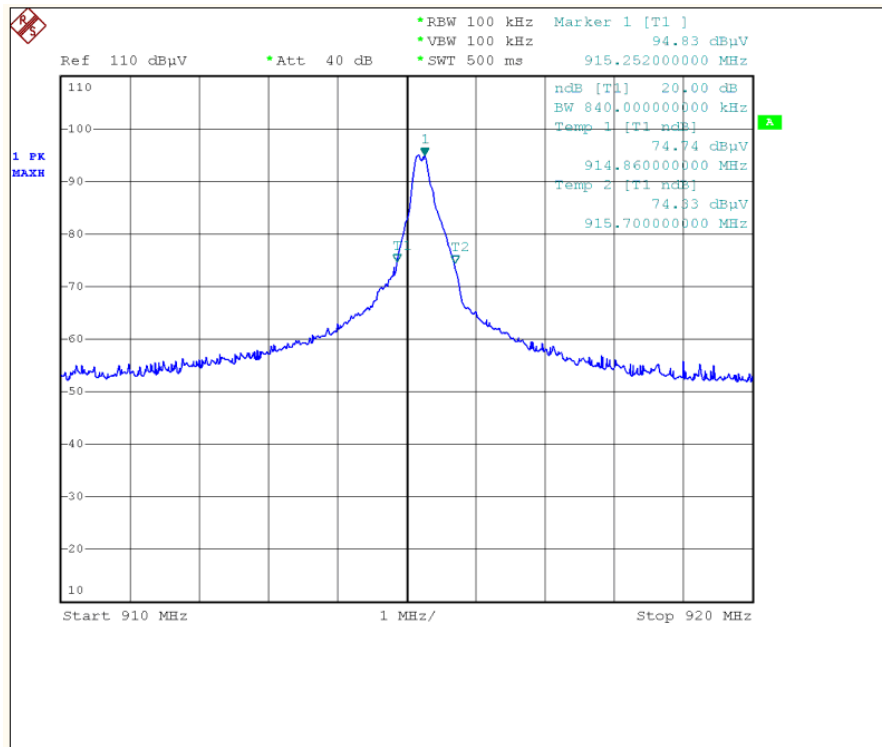
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.

The additional latch filter below 1GHz was used to measure the level of harmonics radiated emission during field strength of harmonics measurement.

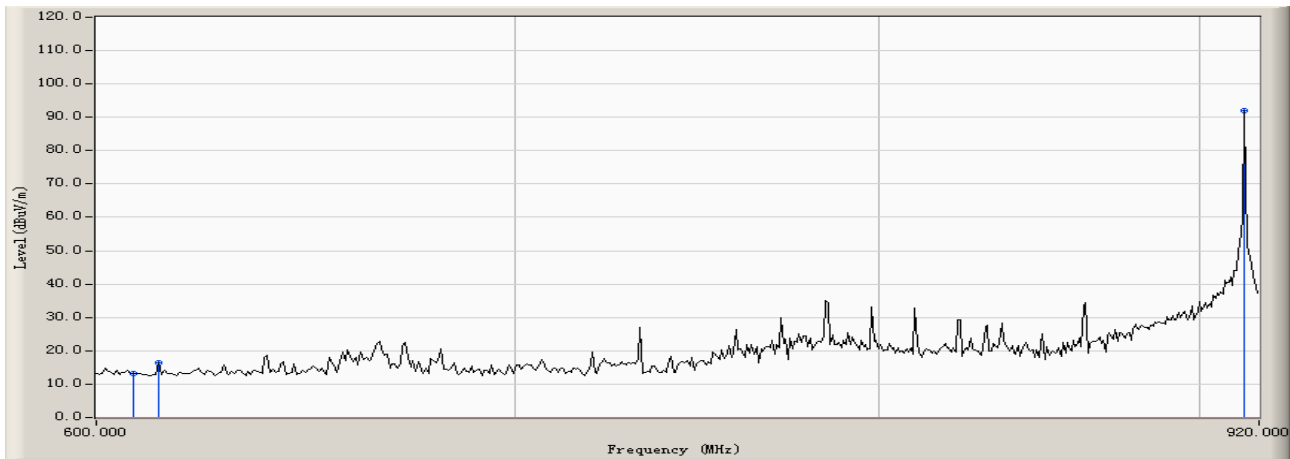
The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCI) is 120 kHz and above 1GHz is 1MHz.

4.4. TEST RESULT

Product Name	Envirocount RF Reader	Test Date	2008-07-11
Test Mode	Mode 1: Transmit by Electronic Dongle	Test Site	AC 102
Test Item	20dB BANDWIDTH		
Test Channel	915MHz		
Test Result	Pass		



Engineer : topguns	
Site : EMC Lab AC 102	Time : 2008/07/19 - 17:23
EUT : Envirocount RF Reader	Probe : HL562(30-3000MHz) - HORIZONTAL
Power : DC 4.5V	Note : Mode 1: Transmit by Dongle

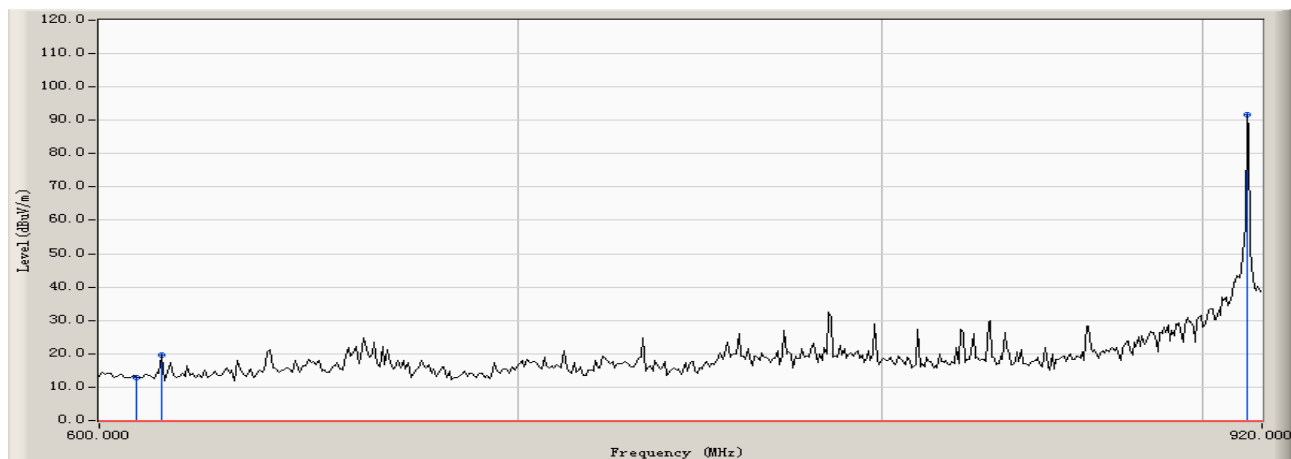


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		608.303	-2.383	15.707	13.324	33.676	47.000	QUASIPeAK
2		614.052	-2.398	18.715	16.317	30.683	47.000	QUASIPeAK
3	*	914.890	3.424	88.565	91.989	2.011	94.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : topguns	
Site : EMC Lab AC 102	Time : 2008/07/19 - 17:14
EUT : Envirocount RF Reader	Probe : HL562(30-3000MHz) - VERTICAL
Power : DC 4.5V	Note : Mode 1: Transmit by Dongle

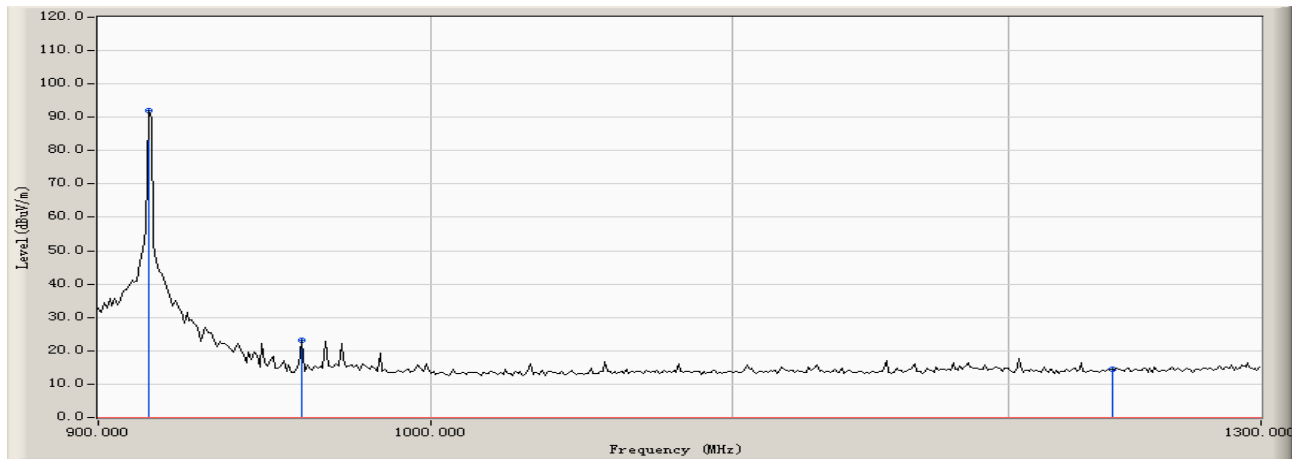


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		608.303	-2.383	15.339	12.956	34.044	47.000	QUASIPeAK
2		614.052	-2.398	22.001	19.603	27.397	47.000	QUASIPeAK
3	*	914.890	3.424	88.108	91.532	2.468	94.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : topguns	
Site : EMC Lab AC 102	Time : 2008/07/19 - 17:21
EUT : Envirocount RF Reader	Probe : HL562(30-3000MHz) - HORIZONTAL
Power : DC 4.5V	Note : Mode 1: Transmit by Dongle

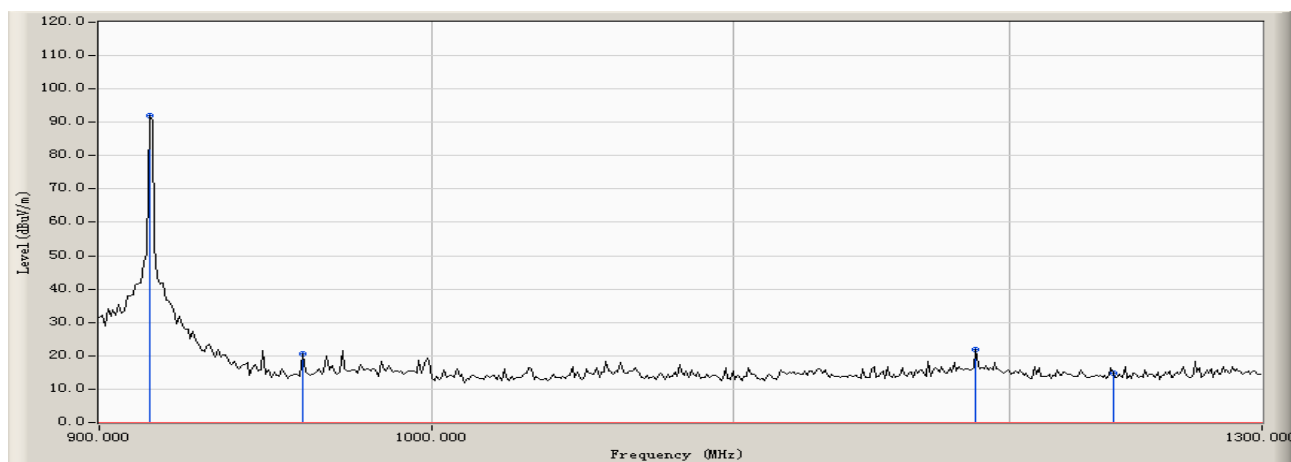


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	914.371	3.412	88.640	92.052	1.948	94.000	QUASIPeAK
2		959.880	3.757	19.523	23.280	23.720	47.000	QUASIPeAK
3		1240.120	6.283	8.251	14.534	32.466	47.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : topguns	
Site : EMC Lab AC 102	Time : 2008/07/19 - 17:17
EUT : Envirocount RF Reader	Probe : HL562(30-3000MHz) - VERTICAL
Power : DC 4.5V	Note : Mode 1: Transmit by Dongle



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	914.371	3.412	88.573	91.985	2.015	94.000	QUASIPeAK
2		959.880	3.757	16.788	20.545	26.455	47.000	QUASIPeAK
3		1187.425	6.281	15.497	21.778	25.222	47.000	QUASIPeAK
4		1240.120	6.283	8.382	14.665	32.335	47.000	QUASIPeAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor