

EMC TEST REPORT

For

Xiamen Senyang Co., Ltd.

Compressor Nebulizer

Model No.: SY-N8002

Prepared for : Xiamen Senyang Co., Ltd.
Address : 4-5 FLOOR, XINGBEI INDUSTRY, NO 95-99, WEST 2
ROAD, JIUTIANHU, XINGLIN, XIAMEN, 361000, CHINA

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.
Address : 1F., Xingyuan Industrial Park, Tongda Road, Bao'an Blvd.,
Bao'an District, Shenzhen, Guangdong, China

Date of receipt of test sample : May 14, 2013
Number of tested samples : 1
Serial number : Prototype
Date of Test : May 14, 2013 - May 30, 2013
Date of Report : May 30, 2013



EMC TEST REPORT**EN 60601-1-2: 2007**

Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral standard: Electromagnetic compatibility - Requirements and tests

Report Reference No.: LCS130514438TE

Date Of Issue.....: May 30, 2013

Testing Laboratory Name.....: Shenzhen LCS Compliance Testing Laboratory Ltd.Address: 1F., Xingyuan Industrial Park, Tongda Road, Bao'an Blvd.,
Bao'an District, Shenzhen, Guangdong, ChinaTesting Location/ Procedure: Full application of Harmonised standards
Partial application of Harmonised standards
Other standard testing method **Applicant's Name: Xiamen Senyang Co., Ltd.**Address: 4-5 FLOOR, XINGBEI INDUSTRY, NO 95-99, WEST 2
ROAD, JIUTIANHU, XINGLIN, XIAMEN, 361000, CHINA**Test Specification:**

Standard: EN 60601-1-2: 2007

Test Report Form No.....: LCSEMC-1.0

TRF Originator.....: Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF: Dated 2011-03

SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. All rights reserved.

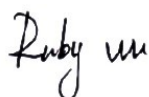
This publication may be reproduced in whole or in part for non-commercial purposes as long as the SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. is acknowledged as copyright owner and source of the material. SHENZHEN LCS COMPLIANCE TESTING LABORATORY LTD. takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

Test Item Description.....: Compressor Nebulizer

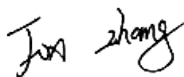
Trade Mark.....: SUPER CARE

Model/ Type Reference: SY-N8002

Ratings: AC 220V, 50/60Hz, 0.5A, 50W

Result: Positive**Compiled by:**

Ruby Wu/ File administrators

Supervised by:

Fox Zhang/ Technique principal

Approved by:

Gavin Liang/ Manager

EMC -- TEST REPORT**Test Report No. : LCS130514438TE**May 30, 2013
Date of issue

Type / Model..... : SY-N8002

EUT..... : Compressor Nebulizer

Applicant..... : Xiamen Senyang Co., Ltd.Address..... : 4-5 FLOOR, XINGBEI INDUSTRY, NO 95-99, WEST 2
ROAD, JIUTIANHU, XINGLIN, XIAMEN, 361000, CHINA

Telephone..... : /

Fax..... : /

Manufacturer..... : Xiamen Senyang Co., Ltd.Address..... : 4-5 FLOOR, XINGBEI INDUSTRY, NO 95-99, WEST 2
ROAD, JIUTIANHU, XINGLIN, XIAMEN, 361000, CHINA

Telephone..... : /

Fax..... : /

Factory..... : Xiamen Senyang Co., Ltd.Address..... : 4-5 FLOOR, XINGBEI INDUSTRY, NO 95-99, WEST 2
ROAD, JIUTIANHU, XINGLIN, XIAMEN, 361000, CHINA

Telephone..... : /

Fax..... : /

Test Result according to the standards on page 7: **Positive**

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

TABLE OF CONTENT

Test Report Description	Page
1. SUMMARY OF STANDARDS AND RESULTS.....	6
1.1.Description of Standards and Results.....	6
1.2.Description of Performance Criteria	7
2. GENERAL INFORMATION	8
2.1.Description of Device (EUT)	8
2.2.Description of Test Facility	8
2.3.Statement of the measurement uncertainty.....	8
2.4.Measurement Uncertainty	8
3. MEASURING DEVICE AND TEST EQUIPMENT	9
3.1.Conducted Disturbance	9
3.2.Disturbance Power	9
3.3.Radiated Electromagnetic Disturbance	9
3.4.Radiated Disturbance (Electric Field)	9
3.5.Harmonic Current.....	9
3.6.Voltage fluctuation and Flicker	9
3.7.Electrostatic Discharge.....	10
3.8.RF Field Strength Susceptibility	10
3.9.Electrical Fast Transient/Burst	10
3.10.Surge	10
3.11.Conducted Susceptibility.....	10
3.12.Power Frequency Magnetic Field Susceptibility.....	10
3.13.Voltage Dips	11
3.14.Voltage Short Interruptions	11
4. POWER LINE CONDUCTED EMISSION MEASUREMENT	12
4.1.Block Diagram of Test Setup	12
4.2.Test Standard	12
4.3.EUT Configuration on Test	12
4.4.Operating Condition of EUT	12
4.5.Test Procedure	13
4.6.Test Results	13
5. RADIATED EMISSION MEASUREMENT	15
5.1.Block Diagram of Test Setup	15
5.2.Measuring Standard.....	15
5.3.Radiated Emission Limits	15
5.4.EUT Configuration on Test	16
5.5.Operating Condition of EUT	16
5.6.Test Procedure	16
5.7.Test Results	16
6. HARMONIC CURRENT EMISSION MEASUREMENT	18
6.1.Block Diagram of Test Setup	18
6.2.Test Standard	18
6.3.Operation Condition of EUT	18
6.4.Test Results	18
7. VOLTAGE FLUCTUATION AND FLICKER MEASUREMENT.....	19
7.1.Block Diagram of Test Setup	19
7.2.Measuring Standard.....	19
7.3.Operation Condition of EUT	19
7.4.Test Results	19
8. PHOTOGRAPH	21

8.1.Photo of Power Line Conducted Measurement..... 21
8.2.Photo of Radiated Measurement 21
8.3.Photo of Harmonic & Flicker Measurement 22
9. EXTERNAL AND INTERNAL PHOTOS OF THE EUT..... 23
10. MANUFACTURER/ APPROVAL HOLDER DECLARATION..... 26

1. SUMMARY OF STANDARDS AND RESULTS

1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

EMISSION (EN 60601-1-2: 2007)			
Description of Test Item	Standard	Limits	Results
Conducted disturbance at mains terminals	CISPR 11: 2009	Class B	PASS
Conducted disturbance at telecommunication port	CISPR 11: 2009	Class B	N/A
Radiated disturbance	CISPR 11: 2009	Class B	PASS
Harmonic current emissions	EN 61000-3-2: 2006+A1: 2009+A2: 2009	Class A	PASS
Voltage fluctuations & flicker	EN 61000-3-3: 2008	-----	PASS
IMMUNITY (EN 60601-1-2: 2007)			
Description of Test Item	Basic Standard	Performance Criteria	Results
Electrostatic discharge (ESD)	EN 61000-4-2: 2009	B	N/A
Radio-frequency, Continuous radiated disturbance	EN 61000-4-3: 2006+A1: 2008	A	N/A
Electrical fast transient (EFT)	EN 61000-4-4: 2004+A1: 2010	B	N/A
Surge (Input a.c. power ports)	EN 61000-4-5: 2006	B	N/A
Surge (Telecommunication ports)		B	N/A
Radio-frequency, Continuous conducted disturbance	EN 61000-4-6: 2009	A	N/A
Power frequency magnetic field	EN 61000-4-8: 2010	A	N/A
Voltage dips, >95% reduction	EN 61000-4-11: 2004	B	N/A
Voltage dips, >60% reduction		B	N/A
Voltage dips, 30% reduction		B	N/A
Voltage interruptions >95%		C	N/A
N/A is an abbreviation for Not Applicable.			

1.2. Description of Performance Criteria

General Performance Criteria

Examples of functions defined by the manufacturer to be evaluated during testing include, but are not limited to, the following:

- essential operational modes and states;
- tests of all peripheral access (hard disks, floppy disks, printers, keyboard, mouse, etc.);
- quality of software execution;
- quality of data display and transmission;
- quality of speech transmission.

1.2.1. Performance criterion A

The equipment shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed below a performance level specified by the manufacture when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

1.2.2. Performance criterion B

After the test, the equipment shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed, after the application of the phenomena below a performance level specified by the manufacture, when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance.

During the test, degradation of performance is allowed. However, no change of operation state or stored data is allowed to persist after the test.

If the minimum performance level (or the permissible performance loss) is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

1.2.3. Performance criterion C

Loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls by the user in accordance with the manufacture's instructions.

Functions, and/or information stored in non-volatile memory, or protected by a battery backup, shall not be lost.

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

EUT : Compressor Nebulizer

Model Number : SY-N8002

Power Supply : AC 220V, 50/60Hz, 0.5A, 50W

2.2. Description of Test Facility

Site Description
EMC Lab. : Accredited by CNAS, June 04, 2010
The Certificate Registration Number. is L4595.

Accredited by FCC, July 14, 2011
The Certificate Registration Number. is 899208.

Accredited by Industry Canada, May. 02, 2011
The Certificate Registration Number. is 9642A-1

Accredited by VCCI, Japan January 30, 2012
The Certificate Registration Number. is C-4260 and R-3804

2.3. Statement of the measurement uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 “Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements” and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

2.4. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty	Note
Radiation Uncertainty	30MHz~200MHz	± 2.96dB	(1)
	200MHz~1000MHz	± 3.10dB	(1)
Conduction Uncertainty	150kHz~30MHz	± 1.63dB	(1)
Power disturbance	30MHz~300MHz	± 1.60dB	(1)

(1). This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

3. MEASURING DEVICE AND TEST EQUIPMENT

3.1. Conducted Disturbance

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	EMI Test Receiver	ROHDE & SCHWARZ	ESCI	101142	2012/06/18
2	EMI Test Receiver	ROHDE & SCHWARZ	ESPI	101840	2012/06/18
3	Artificial Mains	ROHDE & SCHWARZ	ENV216	101288	2012/06/18
4	EMI Test Software	AUDIX	E3	N/A	2012/06/18

3.2. Disturbance Power

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	EMI Test Receiver	ROHDE & SCHWARZ	ESCI	101142	2012/06/18
2	EMI Test Receiver	ROHDE & SCHWARZ	ESPI	101840	2012/06/18
3	Absorbing clamp	ROHDE & SCHWARZ	MDS 21	4033	2012/06/19
4	EMI Test Software	AUDIX	E3	N/A	2012/06/18

3.3. Radiated Electromagnetic Disturbance

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	EMI Test Receiver	ROHDE & SCHWARZ	ESCI	101142	2012/06/18
2	Triple-loop Antenna	EVERFINE	LLA-2	11050003	2012/06/18
3	EMI Test Receiver	ROHDE & SCHWARZ	ESPI	101840	2012/06/18
4	EMI Test Software	AUDIX	E3	N/A	2012/06/18

3.4. Radiated Disturbance (Electric Field)

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	EMI Test Receiver	ROHDE & SCHWARZ	ESCI	101142	2012/06/18
2	EMI Test Receiver	ROHDE & SCHWARZ	ESPI	101840	2012/06/18
3	Log per Antenna	SCHWARZBECK	VULB9163	9163-470	2012/06/21
4	Amplifier	Compliance Direction	PAP-0102	21001	2012/06/18
5	EMI Test Software	AUDIX	E3	N/A	2012/06/18

3.5. Harmonic Current

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Power Analyzer Test System	Voltech	PM6000	20000670053	2012/06/18

3.6. Voltage fluctuation and Flicker

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Power Analyzer Test System	Voltech	PM6000	20000670053	2012/06/18

3.7. Electrostatic Discharge

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	ESD Simulator	KIKUSUI	KC001311	KES4021	2012/06/19

3.8. RF Field Strength Susceptibility

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	SIGNAL GENERATOR	HP	8648A	625U00573	2012/06/17
2	Amplifier	AR	500A100	17034	2012/06/18
3	Amplifier	AR	100W/1000M 1	17028	2012/06/18
4	Isotropic Field Monitor	AR	FM2000	16829	2012/06/18
5	Isotropic Field Probe	AR	FP2000	16755	2012/06/18
6	Bi-conic Antenna	EMCO	3108	9507-2534	2012/06/19
7	By-log-periodic Antenna	AR	AT1080	16812	2012/06/19
8	EMS Test Software	ROHDE & SCHWARZ	ESK1	N/A	2012/06/19

3.9. Electrical Fast Transient/Burst

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Electrical fast transient(EFT)generator	3CTEST	EFT-4021	EC0461044	2012/06/18
2	Coupling Clamp	3CTEST	EFTC	EC0441098	2012/06/18

3.10. Surge

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Surge test system	3CTEST	SG-5006G	EC5581070	2012/06/18
2	Coupling/decoupling network	3CTEST	SGN-5010G	ECS5591033	2012/06/18

3.11. Conducted Susceptibility

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Conducted Immunity Test System	FRANKONIA	CIT-10	126A1195	2012/06/18
2	Coupling/decoupling network	FRANKONIA	CDN-M2+M3	A2210177	2012/06/18

3.12. Power Frequency Magnetic Field Susceptibility

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Power frequency mag-field generator System	EVERFINE	EMS61000-8 K	906003	2012/06/18

3.13. Voltage Dips

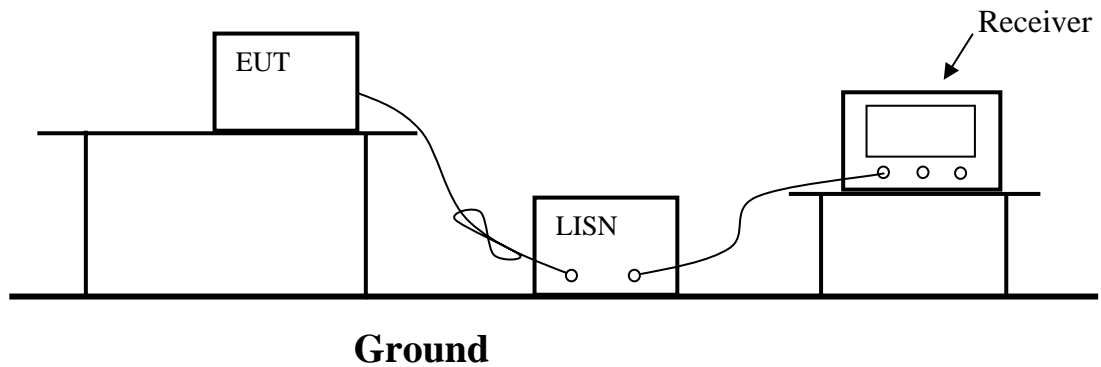
Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Voltage dips and up generator	3CTEST	VDG-1105G	EC0171014	2012/06/18

3.14. Voltage Short Interruptions

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Voltage dips and up generator	3CTEST	VDG-1105G	EC0171014	2012/06/18

4. POWER LINE CONDUCTED EMISSION MEASUREMENT

4.1. Block Diagram of Test Setup



4.2. Test Standard

EN 60601-1-2: 2007 (CISPR 11: 2009)

Power Line Conducted Emission Limits (Class B)

Frequency (MHz)	Limit (dB μ V)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66.0 ~ 56.0 *	56.0 ~ 46.0 *
0.50 ~ 5.00	56.0	46.0
5.00 ~ 30.00	60.0	50.0

NOTE1-The lower limit shall apply at the transition frequencies.

NOTE2-The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.

4.3. EUT Configuration on Test

The following equipments are installed on Conducted Emission Measurement to see CISPR 11 requirements and operating in a manner which tends to maximize its emission characteristics in normal application.

4.4. Operating Condition of EUT

4.4.1. Setup the EUT as shown on Section 4.1.

4.4.2. Turn on the power of all equipments.

4.4.3. Let the EUT work in measuring mode (ON) and measure it.

4.5. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and connected to the AC mains through Line Impedance Stability Network (L.I.S.N). This provided 50-ohm coupling impedance for the tested equipments. Both sides of AC line are investigated to find out the maximum conducted emission according to the CISPR 11 regulations during conducted emission measurement.

The bandwidth of the test receiver is set at 9kHz.

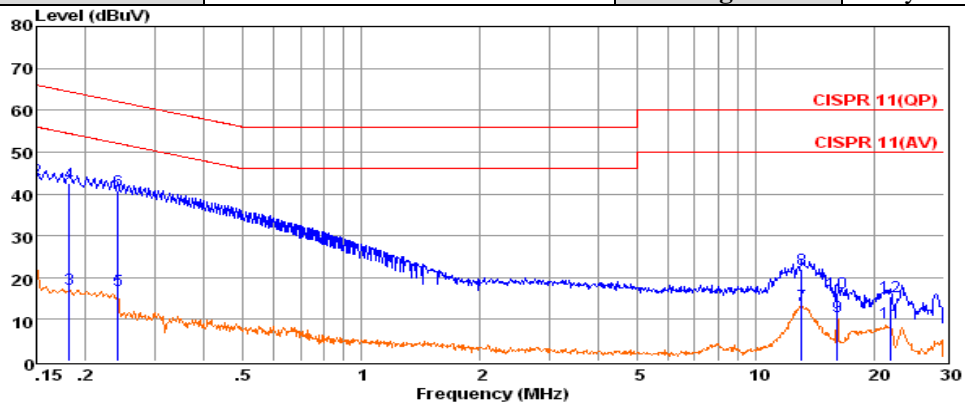
The frequency range from 150kHz to 30MHz is investigated

4.6. Test Results

PASS.

The test result please refer to the next page.

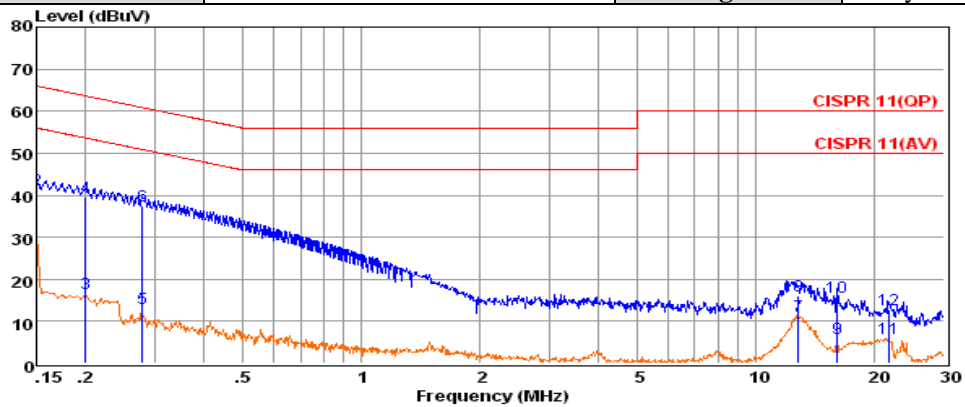
Model No.	SY-N8002	Test Date	May 16, 2013
Environmental Conditions	24°C, 56% RH	Test Mode	ON
Pol	Line	Test Engineer	Andy



	Freq	Reading	LisnFac	CabLos	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.15	11.94	9.57	0.02	21.53	56.00	-34.47	Average
2	0.15	33.70	9.57	0.02	43.29	66.00	-22.71	QP
3	0.18	7.73	9.61	0.02	17.36	54.42	-37.06	Average
4	0.18	32.92	9.61	0.02	42.55	64.42	-21.87	QP
5	0.24	7.20	9.63	0.03	16.86	52.04	-35.18	Average
6	0.24	31.05	9.63	0.03	40.71	62.04	-21.33	QP
7	13.06	3.58	9.70	0.09	13.37	50.00	-36.63	Average
8	13.06	12.26	9.70	0.09	22.05	60.00	-37.95	QP
9	16.05	0.86	9.72	0.11	10.69	50.00	-39.31	Average
10	16.05	6.58	9.72	0.11	16.41	60.00	-43.59	QP
11	21.95	-0.56	9.71	0.12	9.27	50.00	-40.73	Average
12	21.95	5.52	9.71	0.12	15.35	60.00	-44.65	QP

Remarks: 1. Measured = Reading + Lisn Factor +Cable Loss.
 2. The emission levels that are 20dB below the official limit are not reported.

Model No.	SY-N8002	Test Date	May 16, 2013
Environmental Conditions	24°C, 56% RH	Test Mode	ON
Pol	Neutral	Test Engineer	Andy

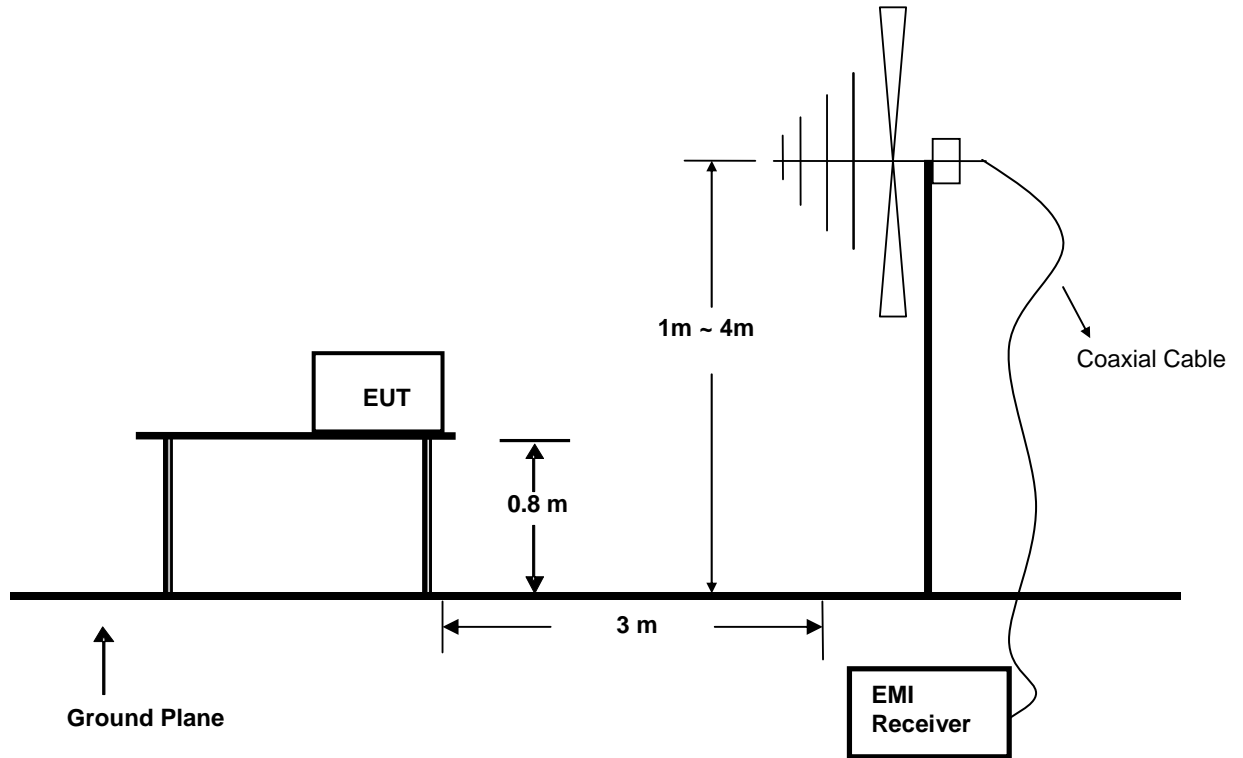


	Freq	Reading	LisnFac	CabLos	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB	dBuV	dBuV	dB	
1	0.15	19.20	9.70	0.02	28.92	56.00	-27.08	Average
2	0.15	31.49	9.70	0.02	41.21	66.00	-24.79	QP
3	0.20	7.06	9.59	0.02	16.67	53.62	-36.95	Average
4	0.20	30.09	9.59	0.02	39.70	63.62	-23.92	QP
5	0.28	3.37	9.60	0.03	13.00	50.85	-37.85	Average
6	0.28	27.81	9.60	0.03	37.44	60.85	-23.41	QP
7	12.78	1.34	9.73	0.09	11.16	50.00	-38.84	Average
8	12.78	6.36	9.73	0.09	16.18	60.00	-43.82	QP
9	16.05	-3.97	9.75	0.11	5.89	50.00	-44.11	Average
10	16.05	5.90	9.75	0.11	15.76	60.00	-44.24	QP
11	21.71	-4.02	9.82	0.12	5.92	50.00	-44.08	Average
12	21.71	2.73	9.82	0.12	12.67	60.00	-47.33	QP

Remarks: 1. Measured = Reading + Lisn Factor +Cable Loss.
 2. The emission levels that are 20dB below the official limit are not reported.

5. RADIATED EMISSION MEASUREMENT

5.1. Block Diagram of Test Setup



5.2. Measuring Standard

EN 60601-1-2: 2007 (CISPR 11: 2009)

5.3. Radiated Emission Limits

CISPR 11 Limits:

All emanations from a class B device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified below:

Limits for radiated disturbance Blow 1GHz

FREQUENCY (MHz)	DISTANCE (Meters)	FIELD STRENGTHS LIMIT (dB μ V/m)
30 ~ 230	3	40
230 ~ 1000	3	47

Note:(1)The smaller limit shall apply at the combination point 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 EUT.

5.4.EUT Configuration on Test

The CISPR 11 regulations test method must be used to find the maximum emission during radiated emission measurement.

5.5.Operating Condition of EUT

5.5.1.Turn on the power.

5.5.2.After that, let the EUT work in test mode (ON) and measure it.

5.6.Test Procedure

The EUT is placed on a turntable, which is 0.8 meter high above the ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. By-log antenna is used as a receiving antenna. Both horizontal and vertical polarization of the antenna is set on test.

The bandwidth of the Receiver is set at 120kHz.

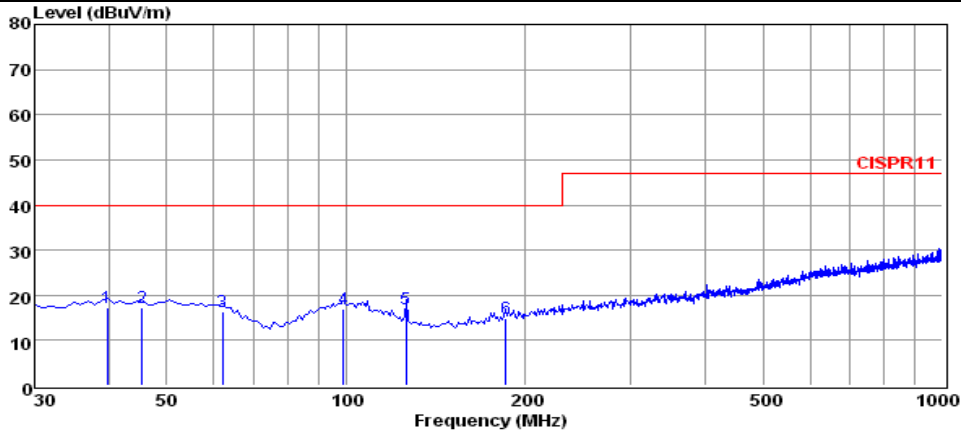
The frequency range from 30MHz to 1000MHz is investigated.

5.7.Test Results

PASS.

The test result please refer to the next page.

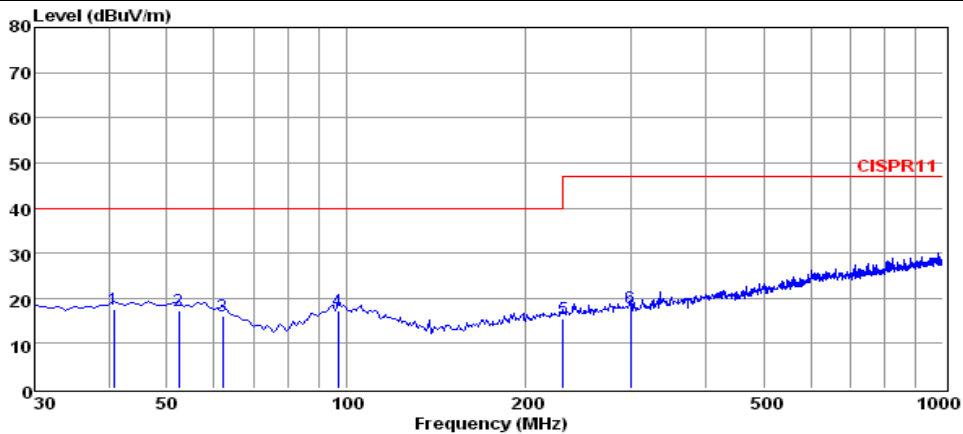
Model No.	SY-N8002	Test Date	May 16, 2013
Environmental Conditions	24°C, 56% RH	Test Mode	ON
Pol	Vertical	Detector Function	Quasi-peak
Test Engineer	Andy	Distance	3m



	Freq	Reading	CabLos	AntFac	PreFac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB	
1	39.70	3.43	0.38	13.50	0.00	17.31	40.00	-22.69	QP
2	45.52	3.20	0.41	13.52	0.00	17.13	40.00	-22.87	QP
3	62.01	3.85	0.48	11.89	0.00	16.22	40.00	-23.78	QP
4	98.87	3.15	0.61	13.09	0.00	16.85	40.00	-23.15	QP
5	126.03	6.67	0.71	9.55	0.00	16.93	40.00	-23.07	QP
6	185.20	4.04	0.70	10.14	0.00	14.88	40.00	-25.12	QP

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.

Model No.	SY-N8002	Test Date	May 16, 2013
Environmental Conditions	24°C, 56% RH	Test Mode	ON
Pol	Horizontal	Detector Function	Quasi-peak
Test Engineer	Andy	Distance	3m

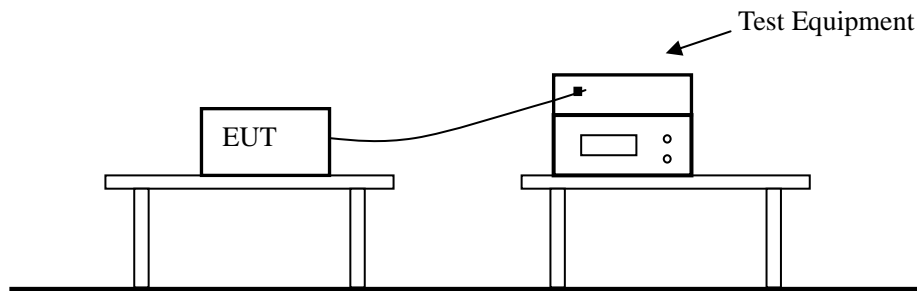


	Freq	Reading	CabLos	AntFac	PreFac	Measured	Limit	Over	Remark
	MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB	
1	40.67	3.32	0.50	13.58	0.00	17.40	40.00	-22.60	QP
2	52.31	3.75	0.46	13.14	0.00	17.35	40.00	-22.65	QP
3	62.01	3.78	0.48	11.89	0.00	16.15	40.00	-23.85	QP
4	96.93	3.71	0.61	12.96	0.00	17.28	40.00	-22.72	QP
5	230.79	2.93	0.98	11.68	0.00	15.59	47.00	-31.41	QP
6	299.66	3.54	1.13	13.05	0.00	17.72	47.00	-29.28	QP

Note: 1. All readings are Quasi-peak values.
 2. Measured = Reading + Antenna Factor + Cable Loss - Amp Factor.
 3. The emission levels that are 20dB below the official limit are not reported.

6. HARMONIC CURRENT EMISSION MEASUREMENT

6.1. Block Diagram of Test Setup



6.2. Test Standard

EN 61000-3-2: 2006+ A1: 2009+A2: 2009

6.3. Operation Condition of EUT

Same as Section 4.4, except the test setup replaced as Section 6.1.

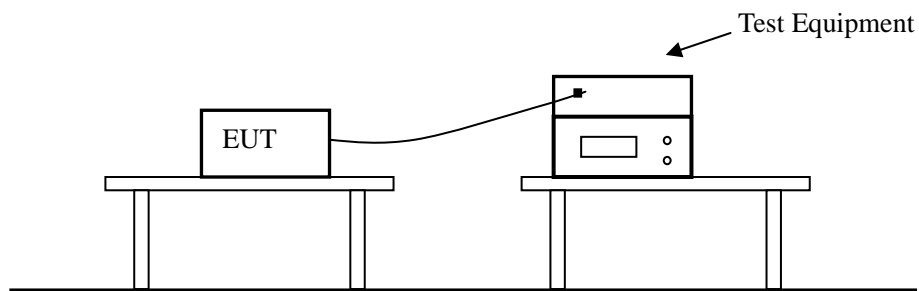
6.4. Test Results

PASS.

Because power of EUT less than 75W. According standard EN 61000-3-2, Harmonic current isn't required.

7. VOLTAGE FLUCTUATION AND FLICKER MEASUREMENT

7.1. Block Diagram of Test Setup



7.2. Measuring Standard

EN 61000-3-3: 2008

7.3. Operation Condition of EUT

Same as Section 4.4, except the test setup replaced as Section 7.1.

7.4. Test Results

PASS.

The test result please refer to the next page.

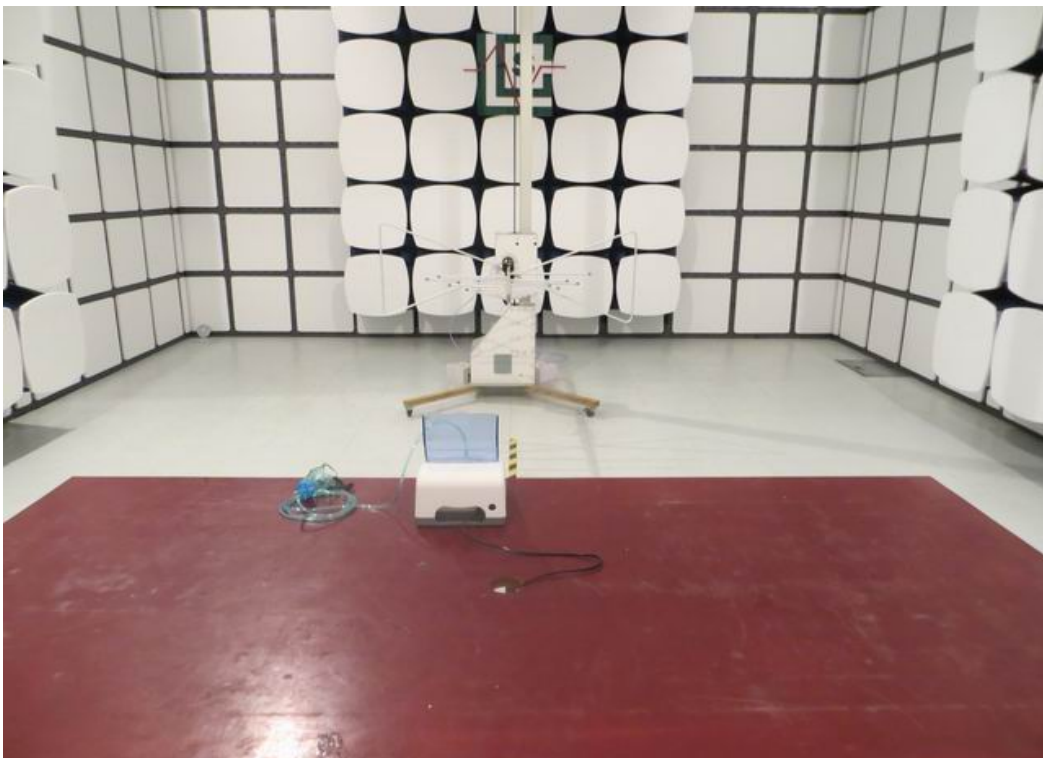
Model No.	SY-N8002	Test Date	May 16, 2013	
Test Engineer	Andy			
Voltech IEC61000-3 Windows Software 1.14.06RC1				
Type of Test:	Flickermeter Test - Table			
Power Analyzer:	Voltech PM6000 SN: 200006700523 Firmware Version: v1.21.07RC2			
Channel(s):	1. SN: 090015502053, 28 Adjusted Date: 22 JUN 2011. 2. SN:None Adjusted Date:None			
	3. SN:None Adjusted Date:None 4. SN:None Adjusted Date:None			
	5. SN:None Adjusted Date:None 6. SN:None Adjusted Date:None			
Shunt(s):	1. SN: 091024301916, 4 Adjusted Date: 23 JUN 2011. 2. SN:None Adjusted Date:None			
	3. SN:None Adjusted Date:None 4. SN:None Adjusted Date:None			
	5. SN:None Adjusted Date:None 6. SN:None Adjusted Date:None			
AC Source:	Mains / Manual Source			
Overall Result:	Notes:			
PASS	Measurement method - Voltage			
	Pst	dc (%)	dmax (%)	d(t) > 3.3%(ms)
Limit	1.000	3.300	4.000	500
Reading 1	0.091	0.009	0.095	0

8. PHOTOGRAPH

8.1.Photo of Power Line Conducted Measurement



8.2.Photo of Radiated Measurement



8.3.Photo of Harmonic & Flicker Measurement



9. EXTERNAL AND INTERNAL PHOTOS OF THE EUT



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5

10. MANUFACTURER/ APPROVAL HOLDER DECLARATION

The following identical model(s):

--	--	--	--
----	----	----	----

Belong to the tested device:

Product description : Compressor Nebulizer

Model name : SY-N8002

No additional models were tested.

-----THE END OF REPORT-----