

# EMI Test Report

On Model Name: Microwave oven (Counter-top)

Model Numbers: XM820CYY

Brand Name: 

FCC ID: VG8XM820CYY

Prepared for Midea Microwave and Electrical Appliances

Manufacturing Co.,Ltd

According to

FCC Part 18

Industrial, Scientific and Medical Equipment

FCC/OST MP-5(1986)

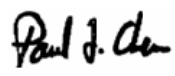
FCC methods of measurements of radio noise emission from industrial, scientific and medical equipment

Test Report#: PSZ-0801-0622-FCCID

Prepared by: Eddy Chen

Reviewed by: Ivan Wen

QC Manager: Paul Chen

Test Report Released by:  \_\_\_\_\_ 2008, Feb 15  
Paul Chen Date

## List Attached Files

| <i>Exhibit Type</i>          | <i>File Description</i>      | <i>File Name</i>                             |
|------------------------------|------------------------------|----------------------------------------------|
| <i>Test Report</i>           | <i>Test Report</i>           | <i>VG8XM820CYY_Test report.pdf</i>           |
| <i>Operation Description</i> | <i>Technical Description</i> | <i>VG8XM820CYY_operation description.pdf</i> |
| <i>External Photos</i>       | <i>External Photos</i>       | <i>VG8XM820CYY_External Photos</i>           |
| <i>Internal Photos</i>       | <i>Internal Photos</i>       | <i>VG8XM820CYY_Internal Photos</i>           |
| <i>Block Diagram</i>         | <i>Block Diagram</i>         | <i>VG8XM820CYY_Block Diagram.pdf</i>         |
| <i>Schematics</i>            | <i>Circuit Diagram</i>       | <i>VG8XM820CYY_Schematics.pdf</i>            |
| <i>ID Label/Location</i>     | <i>Label and Location</i>    | <i>VG8XM820CYY_Label &amp; Location.pdf</i>  |
| <i>User Manual</i>           | <i>User Manual</i>           | <i>VG8XM820CYY_User Manual.pdf</i>           |
| <i>Test setup photos</i>     | <i>Test setup photos</i>     | <i>VG8XM820CYY_Test Setup Photos</i>         |

## Test Location

*Tests performed in a Certified ANSI Semi-Anechoic Chamber and Shielded Room.*

*Test Site Location: Shenzhen Academy of Metrology and Quality inspection*

*Longzhu Road, Nanshan District, Shenzhen, Guangdong, China*

*Tel : 86-755-26941617*

*Fax : 86-755-26941615*

*FCC Registration Number: 274801*

# ***Table of Contents***

---

|                                                                    |                  |
|--------------------------------------------------------------------|------------------|
| <b><i>GOVERNMENT DISCLAIMER NOTICE</i></b> .....                   | <b><i>1</i></b>  |
| <b><i>REPRODUCTION CLAUSE</i></b> .....                            | <b><i>1</i></b>  |
| <b><i>OPINIONS AND INTERPRETATIONS</i></b> .....                   | <b><i>1</i></b>  |
| <b><i>STATEMENT OF MEASUREMENT UNCERTAINTY</i></b> .....           | <b><i>1</i></b>  |
| <b><i>ADMINISTRATIVE DATA</i></b> .....                            | <b><i>2</i></b>  |
| <b><i>EUT DESCRIPTION</i></b> .....                                | <b><i>2</i></b>  |
| <b><i>TYPE OF DERIVER</i></b> .....                                | <b><i>3</i></b>  |
| <b><i>TEST SUMMARY</i></b> .....                                   | <b><i>4</i></b>  |
| <b><i>LOAD FOR MICROWAVE OVENS</i></b> .....                       | <b><i>5</i></b>  |
| <b><i>EQUIPMENT MODIFICATION</i></b> .....                         | <b><i>5</i></b>  |
| <b><i>EUT SAMPLE PHOTOS FOR MODEL</i></b> .....                    | <b><i>6</i></b>  |
| <b><i>TEST SYSTEM DETAILS</i></b> .....                            | <b><i>10</i></b> |
| <b><i>CONFIGURATION OF TESTED SYSTEM</i></b> .....                 | <b><i>11</i></b> |
| <b><i>ATTACHMENT 1 - RADIATION HAZARD TEST</i></b> .....           | <b><i>12</i></b> |
| <b><i>ATTACHMENT 2 - INPUT POWER MEASUREMENT</i></b> .....         | <b><i>14</i></b> |
| <b><i>ATTACHMENT 3 - RF OUTPUT POWER MEASUREMENT</i></b> .....     | <b><i>16</i></b> |
| <b><i>ATTACHMENT 4 - OPERATING FREQUENCY MEASUREMENT</i></b> ..... | <b><i>18</i></b> |
| <b><i>ATTACHMENT 5 - CONDUCTED EMISSION TEST RESULTS</i></b> ..... | <b><i>21</i></b> |
| <b><i>ATTACHMENT 6 - RADIATED EMISSION TEST RESULTS</i></b> .....  | <b><i>25</i></b> |

### **Government Disclaimer Notice**

*When government drawing, specification, or other data are used for any purpose other than in connection with a definitely related government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawing, specifications, or other data, is not to be regarded by implication or otherwise in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell patented invention that may in any way be related thereto. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.*

### **Reproduction Clause**

*Any reproduction of this document must be done in full. No single part of this document may be reproduced without permission from ECMG Worldwide Certification Solution Inc.,*

### **Opinions and Interpretations**

*This test report relates to the abovementioned equipment under test (EUT). Without the permission of ECMG Worldwide Certification Solution Inc., Test Lab this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark on this or similar products. The manufacturer has sole responsibility of continued compliance of the device.*

### **Statement of Measurement Uncertainty**


*The data and results referenced in the document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities that can account for a nominal measurement error. Furthermore, component and process variability of devices similar to that tested may result in additional deviation.*

## Administrative Data

*Test Sample* : Microwave Oven (Counter-top)

*Model Numbers* : XM820CYY

*Model Tested* : EM820CDF

*Brand Name* : 

*Date Tested* : 2008, Jan 28 to 30

*Applicant* : Midea Microwave and Electrical Appliances  
Manufacturing Co.,Ltd  
  
Beijiao., Shunde, Foshan, Guangdong, China.

*Telephone* : 86-0757-23606480

*Fax* : 86-0757-23656995

*Manufacturer* : Midea Microwave and Electrical Appliances  
Manufacturing Co.,Ltd  
  
Beijiao., Shunde, Foshan, Guangdong, China.

## EUT Description

Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd , model tested EM820CDF (referred to the EUT in this report) is a Microwave Oven.

|                               |                   |
|-------------------------------|-------------------|
| <i>Power Supply</i>           | 120V AC , 60 Hz   |
| <i>Rated Input Power</i>      | 1250W             |
| <i>Rated Output Power</i>     | 800W              |
| <i>Operation Frequency</i>    | 2450MHz           |
| <i>Magnetron Manufacturer</i> | WITOL             |
| <i>Magnetron Model Number</i> | 2M219J            |
| <i>Oven Capacity:</i>         | 0.7 cu.ft         |
| <i>Net Weight</i>             | Approx. 23.2 lbs. |

Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

Page 2 of 28

## **Type of Deriver**

*XM820CYY model designations:*

*X= E or A*

*M: only the microwave functions;*

*8: indicate the output power is 800W;*

*20: indicate cavity capacity is 20 liters;*

*C: indicate the design No.;*

*YY= A-Z or 0-9, indicate different appearance.*

*"E" is electrical control with touch pad; "A" is electrical control with keyboard.*

## Test Summary

The Electromagnetic Compatibility requirements on model tested EM820CDF for this test is stated below. All results listed in this report relate exclusively to this above-mentioned model as the Equipment Under Test. This report confers no approval or endorsement upon any other component, host or subsystem used in the test set-up.

| <b>Emission Tests</b>                                     |                                       |                     |                   |               |
|-----------------------------------------------------------|---------------------------------------|---------------------|-------------------|---------------|
| <b>Specifications</b>                                     | <b>Description</b>                    | <b>Test Results</b> | <b>Test Point</b> | <b>Remark</b> |
| FCC Part 18:2004<br>FCC/OST MP-5:1986<br>ANSI C63.4: 2003 | Radiation<br>Hazard<br>Measurement    | Passed              | Enclosure         | Attachment 1  |
| FCC Part 18:2004<br>FCC/OST MP-5:1986<br>ANSI C63.4: 2003 | Input Power<br>Measurement            | Passed              | AC Input Port     | Attachment 2  |
| FCC Part 18:2004<br>FCC/OST MP-5:1986<br>ANSI C63.4: 2003 | RF Output<br>power<br>Measurement     | Passed              | EUT               | Attachment 3  |
| FCC Part 18:2004<br>FCC/OST MP-5:1986<br>ANSI C63.4: 2003 | Operating<br>Frequency<br>Measurement | Passed              | EUT               | Attachment 4  |
| FCC Part 18:2004<br>FCC/OST MP-5:1986<br>ANSI C63.4: 2003 | Conducted<br>Emission                 | Passed              | AC Input Port     | Attachment 5  |
| FCC Part 18:2004<br>FCC/OST MP-5:1986<br>ANSI C63.4: 2003 | Radiated<br>Emission                  | Passed              | Enclosure         | Attachment 6  |

### **Load for Microwave Ovens**

*For all measurements the energy developed by the oven was absorbed by a dummy load consisting of a quantity of tap water in a beaker. If the oven was provided with a shelf or other utensil support, this support was in its initial normal position. For ovens rated at 1000watts or less power output, the beaker contained quantities of water as listed in the following subparagraphs. For ovens rated at more than 1000watts output, each quantity was increased by 50% for each 500watts or fraction thereof in excess of 1000 watts. Additional beakers were used if necessary.*

*--Load for power output measurement: 1000 milliliters of water in the beaker located in the center of the oven.*

*--Load for frequency measurement: 1000 milliliters of water in the beaker located in the center of the oven.*

*--Load for measurement of radiation on second and third harmonic: Two loads, one of 700 and the other of 300 milliliters, of water are used. Each load is tested both with the beaker located in the center of the oven and with it in the right front corner.*

*--Load for all other measurements: 700 milliliters of water, with the beaker located in the center of the oven.*

### **Equipment Modification**

*Any modifications installed previous to testing by Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd will be incorporated in each production model sold or leased in United States.*

*There were no modifications installed by ECMG Worldwide Certification Solution Inc., test personnel.*



**EUT Sample Photos for model**



*Front & Top View*



*Rear View*

Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.



*Bottom View*



*Uncovered View #1*



*Uncovered View #2*

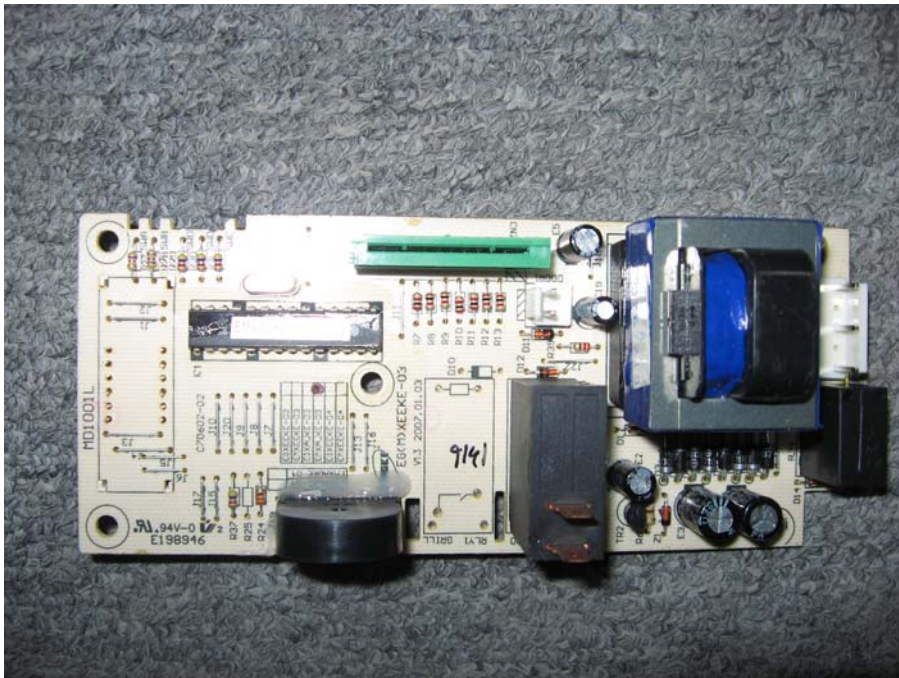


*Magnetron View*

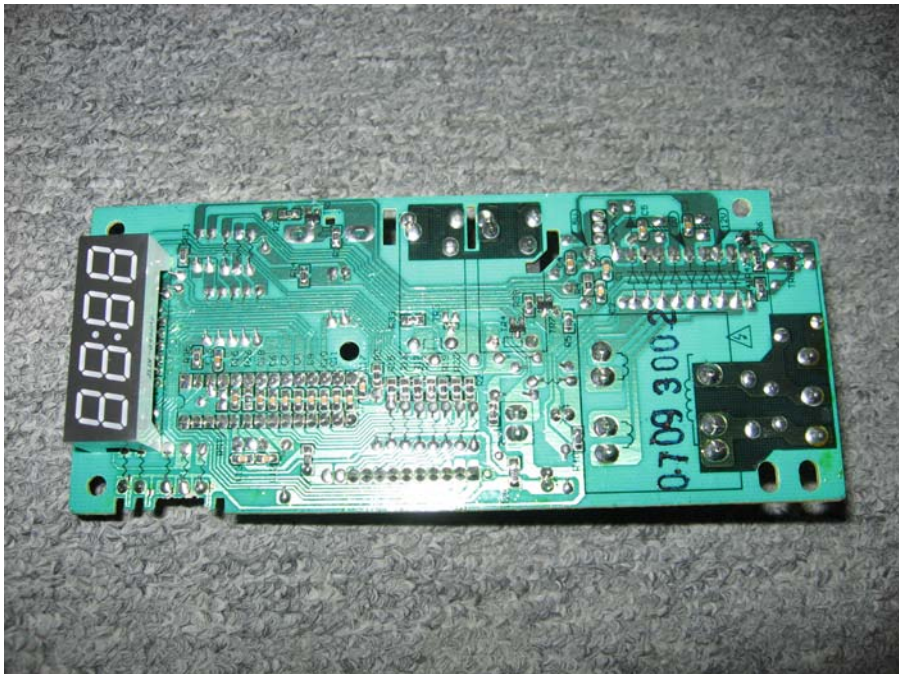
Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.



Main board #1



Main board #2

Test Report #: PSZ-0801-0622-FCCID

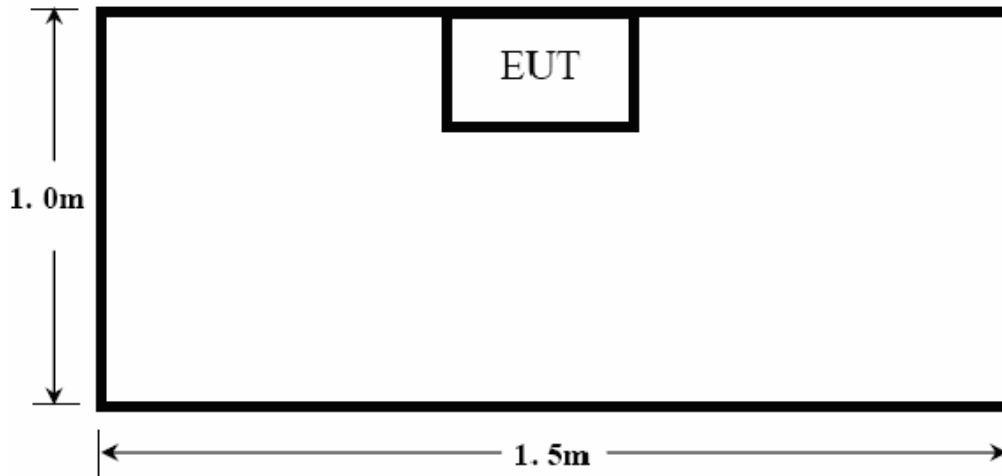
Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

## Test System Details

| <b>EUT</b>               |                                                                 |           |                        |                       |                      |
|--------------------------|-----------------------------------------------------------------|-----------|------------------------|-----------------------|----------------------|
| <b>Model Numbers:</b>    | XM820CYY                                                        |           |                        |                       |                      |
| <b>Model Tested:</b>     | EM820CDF                                                        |           |                        |                       |                      |
| <b>Description:</b>      | Microwave Oven (Counter-top)                                    |           |                        |                       |                      |
| <b>Manufacturer:</b>     | Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd |           |                        |                       |                      |
| <b>Support Equipment</b> |                                                                 |           |                        |                       |                      |
| N/A                      |                                                                 |           |                        |                       |                      |
| <b>Cable Description</b> |                                                                 |           |                        |                       |                      |
| <b>Description</b>       | <b>From</b>                                                     | <b>To</b> | <b>Length (Meters)</b> | <b>Shielded (Y/N)</b> | <b>Ferrite (Y/N)</b> |
| Power Cable              | EUT                                                             | Plug      | 1.20                   | N                     | N                    |

## Configuration of Tested System



**ATTACHMENT 1 – RADIATION HAZARD TEST**

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------|
| <b>CLIENT:</b>                   | Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd                                                                                                                                                                                                                                                                                                                                                                                                              | <b>TEST STANDERD:</b>   | FCC Part 18                  |
| <b>MODEL NUMBERS:</b>            | XM820CYY                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>PRODUCT:</b>         | Microwave Oven (Counter-top) |
| <b>MODEL TESTED:</b>             | EM820CDF                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>EUT DESIGNATION:</b> | Home or Office               |
| <b>TEMPERATURE:</b>              | 22°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>HUMIDITY:</b>        | 60%RH                        |
| <b>ATM PRESSURE:</b>             | 101.1kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>GROUNDING:</b>       | Through AC Power Cord        |
| <b>TESTED BY:</b>                | Eddy Chen                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>DATE OF TEST:</b>    | 2008, Jan 28                 |
| <b>TEST REFERENCE:</b>           | ANSI C63.4: 2003, FCC/OST MP-5:1986                                                                                                                                                                                                                                                                                                                                                                                                                                          |                         |                              |
| <b>TEST PROCEDURE:</b>           | The EUT was set up according to the FCC MP-5 and FCC Part 18 for Radiation Hazard Measurement. The measurement was using a microwave leakage meter to measure the Radiation leakage in the as-received condition with the oven door closed. A 1000ml water load in a beaker was located in the center of the oven and the Microwave oven was set to maximum power. While the oven operating, the microwave meter will check the leakage and then record the maximum leakage. |                         |                              |
| <b>TESTED RANGE:</b>             | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                         |                              |
| <b>TEST VOLTAGE:</b>             | 120VAC / 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         |                              |
| <b>RESULTS:</b>                  | <p>There was no microwave leakage exceeding a power level of 0.20 mW/cm<sup>2</sup> observed at any point 5cm or more from the external surface of the oven.</p> <p>A maximum of 1.0mW/cm<sup>2</sup> is allowed in accordance with the applicable FCC standards. Hence, microwave leakage in the as-received condition with the oven door closed was below the maximum allowed.</p> <p>The test results relate only to the equipment under test provided by client.</p>     |                         |                              |
| <b>Changes or Modifications:</b> | There were no modifications installed by ECMG Worldwide Certification Solution Inc., (China) test personnel.                                                                                                                                                                                                                                                                                                                                                                 |                         |                              |
| <b>M. UNCERTAINTY:</b>           | 0.0001 mW/cm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |                              |

Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

Page 12 of 28

**Test equipments list:**

| Test Equipment            | Manufacturer | Model   | Serial No. | Last Cal.  | Cal. Due   |
|---------------------------|--------------|---------|------------|------------|------------|
| Microwave test instrument | Holiday      | HI-1501 | 100075     | 01/25/2008 | 01/24/2009 |

Note: All testing were performed using internationally recognized standards. All test instruments were calibrated and traceable to the National Institute of Standards and Technology (NIST).

SIGNED BY: *Zdoly*  
ENGINEER

REVIEWED BY: *Juan Wen*  
SENIOR ENGINEER

**Radiation Hazard Test Set-up :**





## ATTACHMENT 2 – INPUT POWER MEASUREMENT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                         |                         |                              |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------|
| <b>CLIENT:</b>                   | Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd                                                                                                                                                                                                                                                                                                                         | <b>TEST STANDERD:</b>   | FCC Part 18                  |
| <b>MODEL NUMBERS:</b>            | XM820CYY                                                                                                                                                                                                                                                                                                                                                                                | <b>PRODUCT:</b>         | Microwave Oven (Counter-top) |
| <b>MODEL TESTED:</b>             | EM820CDF                                                                                                                                                                                                                                                                                                                                                                                | <b>EUT DESIGNATION:</b> | Home or Office               |
| <b>TEMPERATURE:</b>              | 22°C                                                                                                                                                                                                                                                                                                                                                                                    | <b>HUMIDITY:</b>        | 60%RH                        |
| <b>ATM PRESSURE:</b>             | 101.1kPa                                                                                                                                                                                                                                                                                                                                                                                | <b>GROUNDING:</b>       | Through AC Power Cord        |
| <b>TESTED BY:</b>                | Eddy Chen                                                                                                                                                                                                                                                                                                                                                                               | <b>DATE OF TEST:</b>    | 2008 , Jan 28                |
| <b>TEST REFERENCE:</b>           | ANSI C63.4: 2003, FCC/OST MP-5:1986                                                                                                                                                                                                                                                                                                                                                     |                         |                              |
| <b>TEST PROCEDURE:</b>           | The EUT was set up according to the FCC MP-5 and FCC Part 18 for Input power Measurement. The input power and current was measured using a power analyzer. A 1000ml water load in a beaker was located in the center of the oven and the Microwave oven was set to maximum power. While the oven is operating, use a voltmeter and an ampmeter to test the AC input voltage and current |                         |                              |
| <b>TESTED RANGE:</b>             | N/A                                                                                                                                                                                                                                                                                                                                                                                     |                         |                              |
| <b>TEST VOLTAGE:</b>             | 120VAC / 60Hz                                                                                                                                                                                                                                                                                                                                                                           |                         |                              |
| <b>RESULTS :</b>                 | Based on the measured input power, the EUT was found to be operating within the intended specifications.<br><br>The test results relate only to the equipment under test provided by client.                                                                                                                                                                                            |                         |                              |
| <b>Changes or Modifications:</b> | There were no modifications installed by ECMG Worldwide Certification Solution Inc., (China) test personnel.                                                                                                                                                                                                                                                                            |                         |                              |
| <b>M. UNCERTAINTY :</b>          | ± 5W                                                                                                                                                                                                                                                                                                                                                                                    |                         |                              |

Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

Page 14 of 28

**Test Data:**

| <b>Input Voltage<br/>(Vac/Hz)</b> | <b>Input Current<br/>(amps)</b> | <b>Measured Input<br/>Power (watts)</b> | <b>Rated Input Power<br/>(watts)</b> |
|-----------------------------------|---------------------------------|-----------------------------------------|--------------------------------------|
| 120/60                            | 10.51                           | 1210                                    | 1250                                 |

**Test equipments list :**

| <b>Test Equipment</b>       | <b>Manufacturer</b> | <b>Model</b> | <b>Serial No.</b> | <b>Last Cal.</b> | <b>Cal. Due</b> |
|-----------------------------|---------------------|--------------|-------------------|------------------|-----------------|
| Power frequency test system | Ainuo               | AN8716PX     | 058704273         | 06/12/2008       | 06/12/2009      |

Note: All testing were performed using internationally recognized standards. All test instruments were calibrated and traceable to the National Institute of Standards and Technology (NIST).

SIGNED BY: *Eddy*  
ENGINEER

REVIEWED BY: *Juan Wen*  
SENIOR ENGINEER

**Input Power Test Set-Up :**



Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

### ATTACHMENT 3 – RF OUTPUT POWER MEASUREMENT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |                              |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------|
| <b>CLIENT:</b>                   | Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>TEST STANDERD:</b>   | FCC Part 18                  |
| <b>MODEL NUMBERS:</b>            | XM820CYY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>PRODUCT:</b>         | Microwave Oven (Counter-top) |
| <b>MODEL TESTED:</b>             | EM820CDF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>EUT DESIGNATION:</b> | Home or Office               |
| <b>TEMPERATURE:</b>              | 22°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>HUMIDITY:</b>        | 60%RH                        |
| <b>ATM PRESSURE:</b>             | 101.1kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>GROUNDING:</b>       | Through AC Power Cord        |
| <b>TESTED BY:</b>                | Eddy Chen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>DATE OF TEST:</b>    | 2008, Jan 29                 |
| <b>TEST REFERENCE:</b>           | ANSI C63.4: 2003, FCC/OST MP-5:1986                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                         |                              |
| <b>TEST PROCEDURE:</b>           | <p>The EUT was set up according to the FCC MP-5 and FCC Part 18C for RF output power Measurement. The Caloric Method was used to determine maximum RF output power. The initial temperature of the water load was measured. A 1000ml water load in a beaker was located in the center of the oven. The oven was operated at maximum output power for 120 seconds, the temperature of the water was re-measured.</p> <p>RF Output Power</p> $= (4.2\text{joules/calorie})(\text{volume in milliliters})(\text{temperature rise}) / (\text{time in seconds})$ $= 4.2 \text{ joules/calorie} \times 1000 \times (\text{Final Temp} - \text{Initial Temp}) / 120$ |                         |                              |
| <b>TESTED RANGE:</b>             | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                         |                              |
| <b>TEST VOLTAGE:</b>             | 120VAC / 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |                              |
| <b>RESULTS:</b>                  | <p>RF Output Power = 647.5 watts</p> <p>The test results relate only to the equipment under test provided by client.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |                              |
| <b>Changes or Modifications:</b> | There were no modifications installed by ECMG Worldwide Certification Solution Inc., (China) test personnel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |                              |
| <b>M. UNCERTAINTY:</b>           | ± 0.3°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |                              |

Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

Page 16 of 28

**Test Data:**

| Quality of Water (ml) | Starting Temperature (°C) | Final Temperature (°C) | Elapsed Time (Seconds) | RF Output Power (watts) |
|-----------------------|---------------------------|------------------------|------------------------|-------------------------|
| 1000                  | 14.6                      | 33.1                   | 120                    | 647.5                   |

**Test equipments list :**

| Test Equipment   | Manufacturer | Model    | Serial No. | Last Cal.  | Cal. Due   |
|------------------|--------------|----------|------------|------------|------------|
| Data Acquisition | TES          | TES-1310 | 020907011  | 12/03/2008 | 11/03/2009 |

Note: All testing were performed using internationally recognized standards. All test instruments were calibrated and traceable to the National Institute of Standards and Technology (NIST).

SIGNED BY: *Eddy*  
ENGINEER

REVIEWED BY: *Juan Wan*  
SENIOR ENGINEER

**RF Output Power Test Set-Up :**



Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

## ATTACHMENT 4 – OPERATING FREQUENCY MEASUREMENT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         |                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------|
| <b>CLIENT:</b>                   | Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>TEST STANDERD:</b>   | FCC Part 18                  |
| <b>MODEL NUMBERS:</b>            | XM820CYY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>PRODUCT:</b>         | Microwave Oven (Counter-top) |
| <b>MODEL TESTED:</b>             | EM820CDF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>EUT DESIGNATION:</b> | Home or Office               |
| <b>TEMPERATURE:</b>              | 22°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>HUMIDITY:</b>        | 60%RH                        |
| <b>ATM PRESSURE:</b>             | 101.1kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>GROUNDING:</b>       | Through AC Power Cord        |
| <b>TESTED BY:</b>                | Eddy Chen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>DATE OF TEST:</b>    | 2008 , Jan 29                |
| <b>TEST REFERENCE:</b>           | ANSI C63.4: 2003, FCC/OST MP-5:1986                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |                              |
| <b>TEST PROCEDURE:</b>           | <p>The EUT was set up according to the FCC MP-5 and FCC Part 18 for Operating Frequency Measurement.</p> <p>1) The variation of frequency with time.</p> <p>The operating frequency was measured using a spectrum analyzer. Starting with the EUT at room temperature, a 1000ml water load in a beaker was located in the center of the oven. Set a spectrum analyzer with antenna at 3 meters distance form the oven and the oven was operated at maximum output power. The fundamental operating frequency was monitored until the water load was reduced to 20 percent of the original load.</p> <p>2) The variation of frequency with Line Voltage.</p> <p>The operating frequency was measured using a spectrum analyzer. The EUT was operated/warmed by at least 10 minutes of use with a 1000ml water load at room temperature at the beginning of the test. Then the operating frequency was monitored as the input voltage was varied between 80 and 125 percent of the nominal rating.</p> |                         |                              |
| <b>TESTED RANGE:</b>             | 2450 ± 50MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |                              |
| <b>TEST VOLTAGE:</b>             | 120VAC / 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                         |                              |
| <b>RESULTS:</b>                  | <p>Please refer to following pages for details of the variation in operating frequency with time &amp; line voltage measurement.</p> <p>The test results relate only to the equipment under test provided by client.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |                              |
| <b>Changes or Modifications:</b> | There were no modifications installed by ECMG Worldwide Certification Solution Inc., (China) test personnel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |                              |
| <b>M. UNCERTAINTY:</b>           | Freq. ±10kHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                         |                              |

Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

Page 18 of 28

**Variation in Operating Frequency with Time:**

| <i>Minimum Frequency (MHz)</i> | <i>Maximum Frequency (MHz)</i> |
|--------------------------------|--------------------------------|
| 2448.4                         | 2457.1                         |

**Variation in Operating Frequency with Line Voltage:**

| <i>Minimum Frequency (MHz)</i>                         | <i>Maximum Frequency (MHz)</i> |
|--------------------------------------------------------|--------------------------------|
| 2446.5                                                 | 2459.2                         |
| <i>Note: Line voltage varied from 96Vac to 150Vac.</i> |                                |

**Test equipments list :**

| <i>Test Equipment</i>                                                                                                                                                                                | <i>Manufacturer</i> | <i>Model</i>    | <i>Serial No.</i> | <i>Last Cal.</i>  | <i>Cal. Due</i>   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------|-------------------|-------------------|-------------------|
| <i>Bilog Antenna</i>                                                                                                                                                                                 | <i>Chase</i>        | <i>CBL6112B</i> | <i>SB3440</i>     | <i>01/25/2008</i> | <i>01/24/2009</i> |
| <i>Horn Antenna</i>                                                                                                                                                                                  | <i>R&amp;S</i>      | <i>HF906</i>    | <i>SB3434</i>     | <i>01/25/2008</i> | <i>01/24/2009</i> |
| <i>EMI Receiver</i>                                                                                                                                                                                  | <i>R&amp;S</i>      | <i>ES126</i>    | <i>SB3436</i>     | <i>01/25/2008</i> | <i>01/24/2009</i> |
| <i>3M Anechoic chamber</i>                                                                                                                                                                           | <i>Albatross</i>    | <i>9x6x6</i>    | <i>SB3450</i>     | <i>01/25/2008</i> | <i>01/24/2009</i> |
| <i>Note: All testing were performed using internationally recognized standards. All test instruments were calibrated and traceable to the National Institute of Standards and Technology (NIST).</i> |                     |                 |                   |                   |                   |

SIGNED BY: *Eddy*  
ENGINEER

REVIEWED BY: *Juan Wen*  
SENIOR ENGINEER

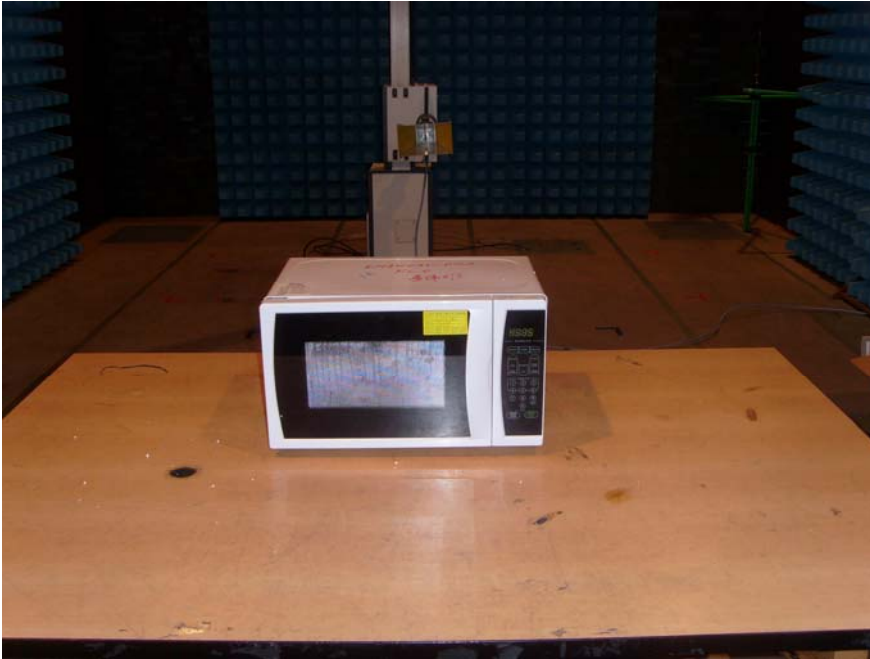
Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

Page 19 of 28

***Operating Frequency Test Set-up :***



**ATTACHMENT 5 - CONDUCTED EMISSION TEST RESULTS**

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                     |                         |                              |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------|
| <b>CLIENT:</b>                   | Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd                                                                                                                                                                                                                                                                                                                                     | <b>TEST STANDERD:</b>   | FCC Part 18                  |
| <b>MODEL NUMBERS:</b>            | XM820CYY                                                                                                                                                                                                                                                                                                                                                                                            | <b>PRODUCT:</b>         | Microwave Oven (Counter-top) |
| <b>MODEL TESTED:</b>             | EM820CDF                                                                                                                                                                                                                                                                                                                                                                                            | <b>EUT DESIGNATION:</b> | Home or Office               |
| <b>TEMPERATURE:</b>              | 22°C                                                                                                                                                                                                                                                                                                                                                                                                | <b>HUMIDITY:</b>        | 60%RH                        |
| <b>ATM PRESSURE:</b>             | 101.1kPa                                                                                                                                                                                                                                                                                                                                                                                            | <b>GROUNDING:</b>       | Through AC Power Cord        |
| <b>TESTED BY:</b>                | Eddy Chen                                                                                                                                                                                                                                                                                                                                                                                           | <b>DATE OF TEST:</b>    | 2008 , Jan 30                |
| <b>TEST REFERENCE:</b>           | ANSI C63.4: 2003, FCC/OST MP-5:1986                                                                                                                                                                                                                                                                                                                                                                 |                         |                              |
| <b>TEST PROCEDURE:</b>           | The EUT was set up according to the guideline of ANSI C63.4: 2003 & FCC MP-5 for conducted emissions. The measurement was using a AMN on each line and an EMI receiver peak scan was made at the frequency measurement range. The six highest significant peaks were then marked, and these signals were then quasi-peaked and averaged. The frequency range investigated was from 150kHz to 30MHz. |                         |                              |
| <b>TESTED RANGE:</b>             | 150kHz to 30MHz                                                                                                                                                                                                                                                                                                                                                                                     |                         |                              |
| <b>TEST VOLTAGE:</b>             | 120VAC / 60Hz                                                                                                                                                                                                                                                                                                                                                                                       |                         |                              |
| <b>RESULTS:</b>                  | The EUT meets the requirements of test reference for Conducted Emissions.<br>The test results relate only to the equipment under test provided by client.                                                                                                                                                                                                                                           |                         |                              |
| <b>Changes or Modifications:</b> | There were no modifications installed by ECMG Worldwide Certification Solution Inc., (China) test personnel.                                                                                                                                                                                                                                                                                        |                         |                              |
| <b>M. UNCERTAINTY:</b>           | ±2.5 dB                                                                                                                                                                                                                                                                                                                                                                                             |                         |                              |

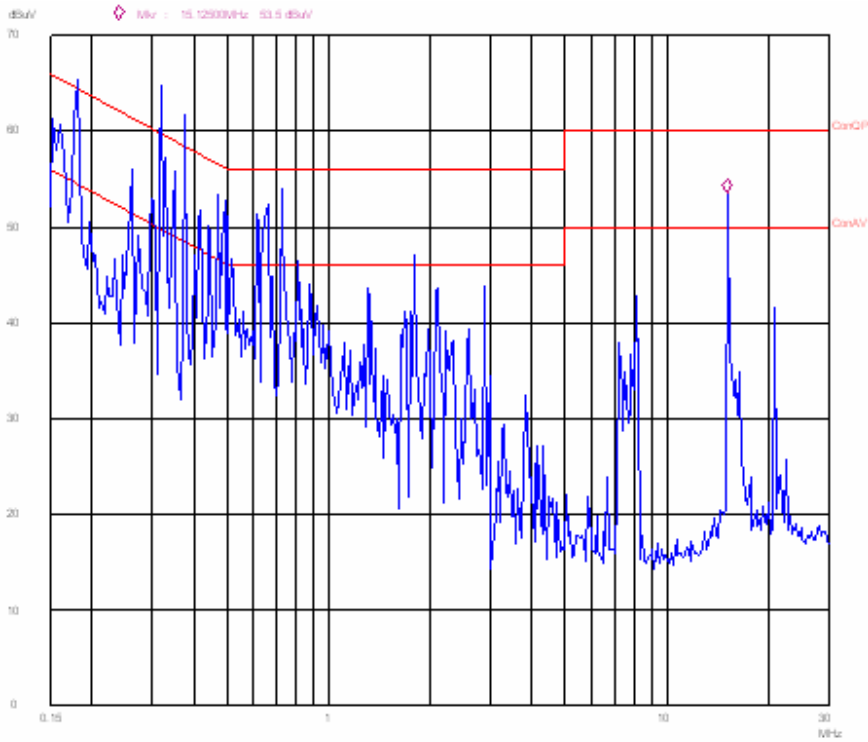
Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

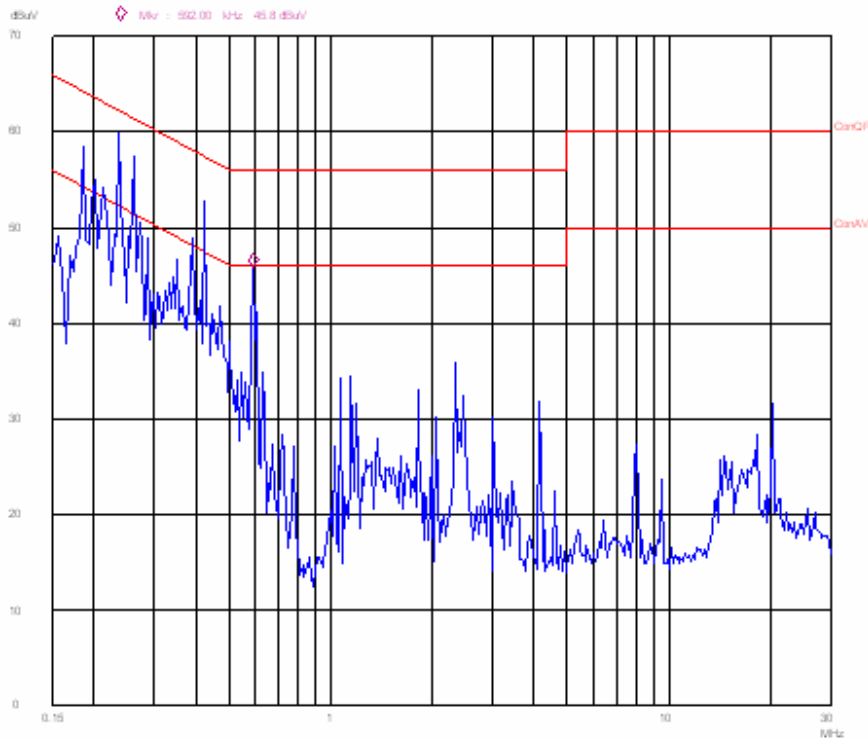
Prepared by ECMG Worldwide Certification Solution Inc.

Page 21 of 28





*Line L Conducted Emission Graph*



*Line N Conducted Emission Graph*

Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

**Test data:**


| Line L/N | Frequency (MHz) | Corrected QP Level (dBuV) | Limits QP (dBuV) | Margin QP (dB) | Corrected AVE Level (dBuV) | Limits AVE (dBuV) | Margin AV (dB) |
|----------|-----------------|---------------------------|------------------|----------------|----------------------------|-------------------|----------------|
| L        | 0.182           | 55.3                      | 64.3             | -9.0           | 27.1                       | 54.3              | -27.2          |
| L        | 0.322           | 52.2                      | 59.6             | -7.4           | 28.3                       | 49.6              | -21.3          |
| L        | 0.378           | 42.3                      | 58.3             | -16.0          | 24.1                       | 48.3              | -24.2          |
| N        | 0.186           | 43.3                      | 64.2             | -20.9          | 15.9                       | 54.2              | -38.3          |
| N        | 0.238           | 43.5                      | 62.1             | -18.6          | 15.1                       | 52.1              | -37.0          |
| N        | 0.262           | 42.0                      | 61.3             | -19.3          | 14.7                       | 51.3              | -36.4          |

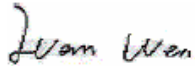
Note: All readings are using a bandwidth of 9 kHz, with a 30 ms sweep time.

**Test equipments list:**

| Test Equipment | Manufacturer | Model   | Serial No. | Last Cal.  | Cal. Due   |
|----------------|--------------|---------|------------|------------|------------|
| EMI Receiver   | R&S          | ESCS30  | SB2603     | 01/25/2008 | 01/24/2009 |
| AMN            | R&S          | ESH2-Z5 | SB3321     | 01/25/2008 | 01/24/2009 |

Note: All testing were performed using internationally recognized standards. All test instruments were calibrated and traceable to the National Institute of Standards and Technology (NIST).

SIGNED BY:   
ENGINEER

REVIEWED BY:   
SENIOR ENGINEER

**Conducted Emission Test Set-up :**



Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

Page 24 of 28

## ATTACHMENT 6 - RADIATED EMISSION TEST RESULTS

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------|
| <b>CLIENT:</b>                   | Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>TEST STANDERD:</b>   | FCC Part 18                  |
| <b>MODEL NUMBERS:</b>            | XM820CYY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>PRODUCT:</b>         | Microwave Oven (Counter-top) |
| <b>MODEL TESTED:</b>             | EM820CDF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>EUT DESIGNATION:</b> | Home or Office               |
| <b>TEMPERATURE:</b>              | 22°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>HUMIDITY:</b>        | 60%RH                        |
| <b>ATM PRESSURE:</b>             | 101.1kPa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>GROUNDING:</b>       | Through AC Power Cord        |
| <b>TESTED BY:</b>                | Eddy Chen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>DATE OF TEST:</b>    | 2008 , Jan 30                |
| <b>TEST REFERENCE:</b>           | ANSI C63.4: 2003, FCC/OST MP-5:1986                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                         |                              |
| <b>TEST PROCEDURE:</b>           | <p>The EUT was set up according to the guidelines of ANSI C63.4: 2003 &amp; FCC MP-5 for radiated emissions. Microwave oven was placed on a 1m *1.5m nonconductive table. The top of the table is 1.0 m above the ground. The table is placed on a flush mounted metal turntable.</p> <p>An EMI receiver peak scan was made at the frequency measurement range (pre-scan) in an Anechoic chamber. Signal discrimination was then performed and the significant peaks marked. All data was recorded in Quasi-peak detection mode from 30 MHz to 1GHz and average detector mode above 1GHz.</p> <p>The following data lists the significant emission frequencies, measured levels, correction factors (including cable and antenna correction factors), and the corrected readings against the limits. Explanation of the Correction Factor are given as follows:</p> <p>FS= RA + AF + CF - AG</p> <p>Where: FS = Field Strength</p> <p>RA = Receiver Amplitude</p> <p>AF = Antenna Factor</p> <p>CF = Cable Attenuation Factor</p> <p>AG = Amplifier Gain</p> |                         |                              |
| <b>TESTED RANGE:</b>             | 30MHz to 24.5GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |                              |
| <b>TEST VOLTAGE:</b>             | 120VAC / 60Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         |                              |
| <b>RESULTS:</b>                  | The EUT meets the requirements of test reference for Radiated Emissions. The test results relate only to the equipment under test provided by client.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                         |                              |
| <b>Changes or Modifications:</b> | There were no modifications installed by ECMG Worldwide Certification Solution Inc., (China) test personnel.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |                              |
| <b>M. UNCERTAINTY:</b>           | ± 3.2 dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                         |                              |

Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

Page 25 of 28

**Field strength limits for out-of-band emissions :**

For RF output power <500W, Limit at 300m = 27.96dBuV/m

For RF output power >500W, Limit at 300m =  $20\log[25*\text{SQRT}(\text{Power}/500)]\text{dBuV/m}$

**Test Data :**

| <b>30MHz - 1GHz</b>                                                                                                                                  |                            |                                  |                |                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------|----------------|--------------------------------|
| Frequency [MHz]                                                                                                                                      | Antenna Polarization [V/H] | Corrected Reading [dB $\mu$ V/m] | Delta, QP [dB] | 3 Meters Limits [dB $\mu$ V/m] |
| 115.222                                                                                                                                              | H                          | 27.8                             | -41.2          | 69.0                           |
| 267.002                                                                                                                                              | H                          | 29.8                             | -30.2          | 69.0                           |
| 639.274                                                                                                                                              | H                          | 35.0                             | -34.0          | 69.0                           |
| 58.125                                                                                                                                               | V                          | 16.6                             | -52.4          | 69.0                           |
| 262.683                                                                                                                                              | V                          | 23.4                             | -45.6          | 69.0                           |
| 686.292                                                                                                                                              | V                          | 35.6                             | -33.4          | 69.0                           |
| <i>Note: All readings are quasi-peak unless stated otherwise, using a bandwidth of 120kHz, with a 30 ms sweep time. A video filter was not used.</i> |                            |                                  |                |                                |
| <b>1GHz - 25GHz</b>                                                                                                                                  |                            |                                  |                |                                |
| Frequency [GHz]                                                                                                                                      | Antenna Polarization [V/H] | Corrected Reading [dB $\mu$ V/m] | Delta, AV [dB] | 3 Meters Limits [dB $\mu$ V/m] |
| 7.324                                                                                                                                                | H                          | 51.3                             | -17.7          | 69.0                           |
| 4.863                                                                                                                                                | H                          | 44.2                             | -24.8          | 69.0                           |
| 9.763                                                                                                                                                | H                          | 42.9                             | -26.1          | 69.0                           |
| 7.325                                                                                                                                                | V                          | 49.1                             | -19.9          | 69.0                           |
| 4.863                                                                                                                                                | V                          | 43.3                             | -25.7          | 69.0                           |
| 14.663                                                                                                                                               | V                          | 42.9                             | -26.1          | 69.0                           |
| <i>Note: All readings are average unless stated otherwise, using a bandwidth of 1MHz, with a 30 ms sweep time. A video filter was not used.</i>      |                            |                                  |                |                                |

Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

**Test equipments list:**

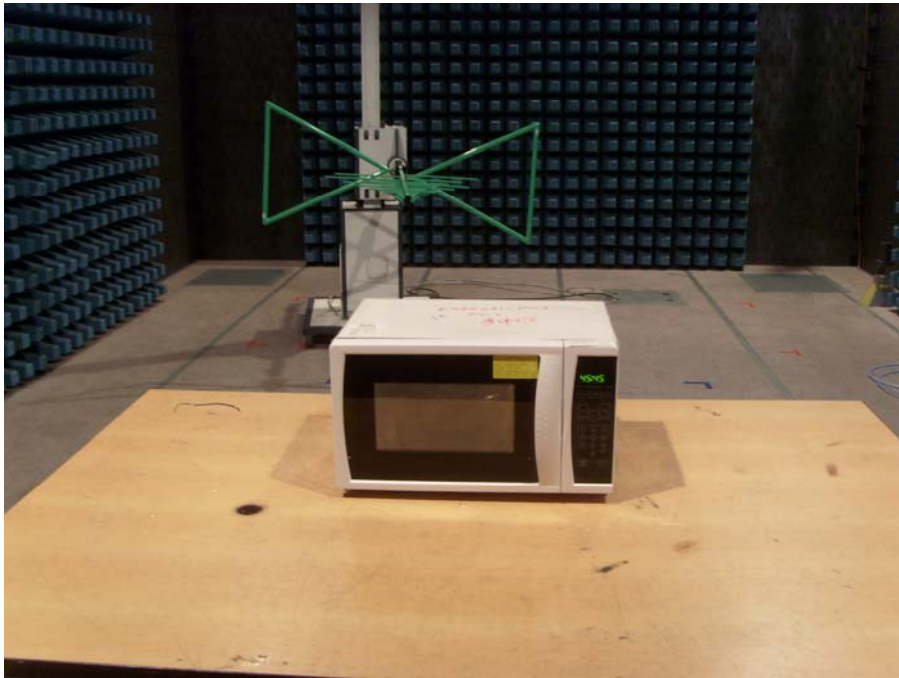
| <b>Test Equipment</b>      | <b>Manufacturer</b>  | <b>Model</b>    | <b>Serial No.</b> | <b>Last Cal.</b>  | <b>Cal. Due</b>   |
|----------------------------|----------------------|-----------------|-------------------|-------------------|-------------------|
| <i>Bilog Antenna</i>       | <i>Chase</i>         | <i>CBL6112B</i> | <i>SB3440</i>     | <i>01/25/2008</i> | <i>01/24/2009</i> |
| <i>Horn Antenna</i>        | <i>R&amp;S</i>       | <i>HF906</i>    | <i>SB3434</i>     | <i>01/25/2008</i> | <i>01/24/2009</i> |
| <i>EMI Receiver</i>        | <i>R&amp;S</i>       | <i>ES126</i>    | <i>SB3436</i>     | <i>01/25/2008</i> | <i>01/24/2009</i> |
| <i>Band-pass Filter</i>    | <i>Micro-Tronics</i> | <i>BRM50702</i> | <i>SIN-030</i>    | <i>01/25/2008</i> | <i>01/24/2009</i> |
| <i>3M Anechoic chamber</i> | <i>Albatross</i>     | <i>9x6x6</i>    | <i>SB3450</i>     | <i>01/25/2008</i> | <i>01/24/2009</i> |

*Note: All testing were performed using internationally recognized standards. All test instruments were calibrated and traceable to the National Institute of Standards and Technology (NIST).*

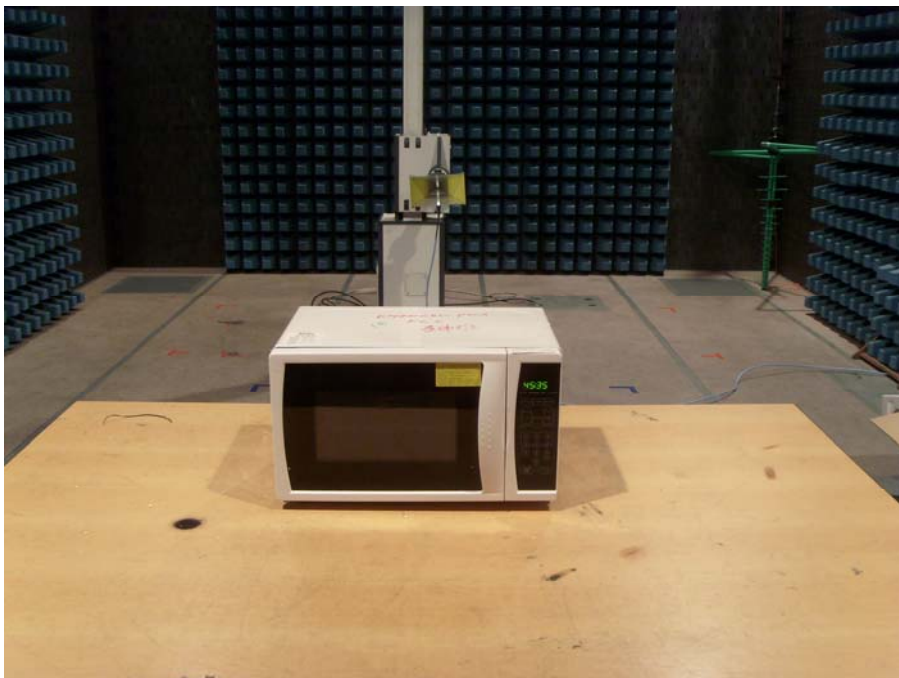
SIGNED BY: *Eddy*  
ENGINEER

REVIEWED BY: *Juan Wan*  
SENIOR ENGINEER

***Radiated Emission Test Set-up (30~1000MHz) :***



***Radiated Emission Test Set-up (1~25GHz) :***



Test Report #: PSZ-0801-0622-FCCID

Prepared for Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd

Prepared by ECMG Worldwide Certification Solution Inc.

Page 28 of 28