

FCC EMI TEST REPORT

On Model Name: Microwave Oven

Model Numbers: XM031AYY, XM031AYY-X1

Brand Name: Midea

FCC ID Number: VG8XM031AYY

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

FCC Part 18(2010) 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#: Prepared by: Reviewed by: QC Manager: GUA-1201-10781-FCC Sewen Guo Jawen Yin Swall Zhang

Test Report Released by: Swall Zhang Swall Zhang

February 22, 2012 Date

Test Location

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

Test Site Location	: GD WITOL VACUUM ELECTRONIC EMC TEST LABORATORY
	BeiJiao,ShunDe,FoShan,GuangDong, 528311, China
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Test Facility

The test facility was recognized, certified, or accredited by the following organizations:

FCC – Registration No.: 910385

GD WITOL VACUUM ELECTRONIC EMC TEST LABORATORY has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC was maintained in our files.

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List Attached Files

Exhibit Type	File Description	File Name
Test Report	Test Report	VG8XM031AYY_Test Report.pdf
Operation Description	Technical Description	VG8XM031AYY_Operation Description.pdf
External Photos	External Photos	VG8XM031AYY _External Photos
Internal Photos	Internal Photos	VG8XM031AYY_Internal Photos
Block Diagram	Block Diagram	VG8XM031AYY_Block Diagram.pdf
Schematics	Circuit Diagram	VG8XM031AYY_Schematics.pdf
ID Label/Location	Label and Location	VG8XM031AYY _Label & Location.pdf
User Manual	User Manual	VG8XM031AYY_User's Manual.pdf
Test set-up photos	Test set-up photos	VG8XM031AYY_Test Set-up Photos

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Opinions and Interpretations

This test report relates to the abovementioned equipment under test (EUT).Without the permission of ECMG Electronic Technical Testing Corp (Shenzhen) 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 Camerala	Microwaya Ovar
Test Sample	: Microwave Oven
Model Numbers	: XM031AYY, XM031AYY-X1
Model Tested	: EM031ASJ-X1
Brand Name	
Receipt Date	: February 13, 2012
Date Tested	: February 14, 2012 to February 17, 2012
Applicant	: Guangdong Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd
Address	No.6, Yong An Road, Beijiao, Shunde, Foshan.
Telephone	: 86-757-23606480
Fax	: 86-757-22607341
Manufacturer	: Guangdong Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd
Address	No.6, Yong An Road, Beijiao, Shunde, Foshan.
Telephone	: 86-757-23606480
Fax	: 86-757-22607341
Factory	: Guangdong Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd
Address	No.6, Yong An Road, Beijiao, Shunde, Foshan.
Telephone	: 86-757-23606480
Fax	: 86-757-22607341

EUT Description

Guangdong Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd., model tested EM031ASJ-X1 (referred to as the EUT in this report) is a Microwave Oven.

The technical specifications of EUT are as below:

Power Supply	120V AC/60Hz
Rated Input Power (Microwave)	1500W
Rated Output Power (Microwave)	1000W
Frequency	2450 MHz(Class B/Group 2)
Magnetron Model	2М319Ј
Magnetron Manufacturer	WITOL

NOTE: For more detailed informations or features please refer to user's manual of EUT.

EUT Model Derived

XM031AYY-X1 model designations as follow:

X=E or A ;

M: indicate microwave function;

031: "0" indicate the microwave output power is 1000W, "31" indicate cavity capacity is 31 liters;

A: indicate the design No.;

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

X1: indicate Oven Cavity Material

Model of EM031ASJ-X1 was selected for the final testing.

Test Summary

The electromagnetic compatibility requirements on model EM031ASJ-X1 for this test are 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.

Emission Tests						
Specifications	Description	Test Results	Test Point	Remark		
FCC Part 18:2010 FCC/OST MP-5:1986 ANSI C63.4-2009	Radiation Hazard Measurement	Passed	Enclosure	Attachment 1		
FCC Part 18:2010 FCC/OST MP-5:1986 ANSI C63.4-2009	Input Power Measurement	Passed	AC Input Port	Attachment 2		
FCC Part 18:2010 FCC/OST MP-5:1986 ANSI C63.4-2009	RF Output power Measurement	Passed	EUT	Attachment 3		
FCC Part 18:2010 FCC/OST MP-5:1986 ANSI C63.4-2009	Operating Frequency Measurement	Passed	EUT	Attachment 4		
FCC Part 18:2010 FCC/OST MP-5:1986 ANSI C63.4-2009	Conducted Emission	Passed	AC Input Port	Attachment 5		
FCC Part 18:2010 FCC/OST MP-5:1986 ANSI C63.4-2009	Radiated Emission	Passed	Enclosure	Attachment 6		

Load for Microwave Oven

For all measurements the energy developed by the oven was absorbed by a dummy load consisting of a quantity of tag 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.

EUT Exercise Software

No test sofware support this test.

Equipment Modification

Any modifications installed previous to testing by Guangdong 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 Electronic Technical Testing Corp (Shenzhen).

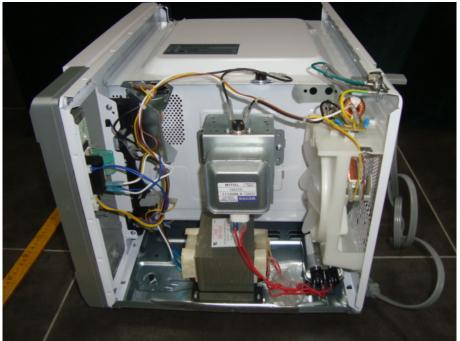
EUT Sample Photos for Model EM031ASJ-X1



EUT Front View



Door Opend View



EUT Uncovered View



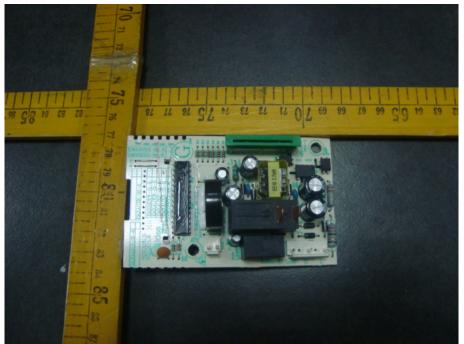
Magnetron Front View



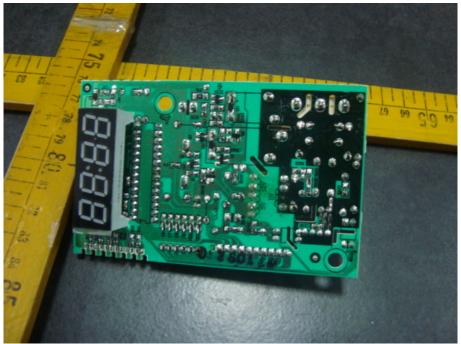
Power Filter Board Top View



Power Filter Board Bottom View



Mother Board Top View



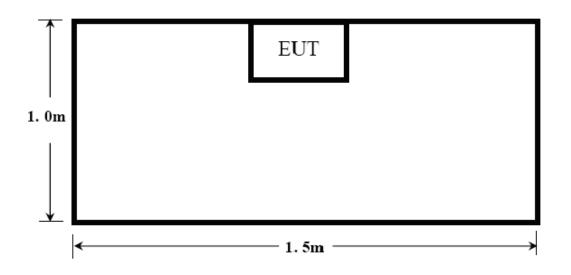
Mother Board Bottom View

Test System Details

EUT							
Model Number:	: x	(M031A)	YY, XM031A	YY-X1			
Model Tested:	E	EM031AS	5J-X1				
Description:	٨	Aicroway	ve Oven				
Input:	A	AC 120V,	/60Hz				
Manufacturer:			ng Midea M turing Co.,	licrowave and E Ltd	lectrical A	Applianc	es
Support Equipment							
Description	n	Mode	l Number	Serial Nun	ıber	Ма	nufacturer
				N/A			
			Cable	Description			
Description	scription From To Length Shielded Ferrite (Meters) (Y/N) (Y/N)						
Power Cable	EU	IJΤ	Plug	1.2 N N			
Note:The "EUT" means "Microwave Oven".							

Note:

The EUT has been tested as an independent unit together with other necessary accessories or support units. The above support units or accessories were used to form a representative test configuration during the test tests.



ATTACHMENT 1 -RADIATION HAZARD TEST

CLIENT:	Guangdong Midea Microwave and Electrical Appliances Manufacturing Co., Ltd	TEST STANDERD:	FCC Part 18		
MODEL NUMBERS:	XM031AYY,XM031AYY-X1	PRODUCT:	Microwave Oven		
MODEL TESTED:	EM031ASJ-X1	EUT DESIGNATION:	Home or Office		
TEMPERATURE:	22°C	HUMIDITY:	51%		
ATM PRESSURE:	101kPa	GROUNDING:	Through AC Power Cord		
TESTED BY:	Sewen Guo	DATE OF TEST:	February 14, 2012		
TEST REFERENCE:	ANSI C63.4-2009, FCC/OST MP-	5:1986			
TEST PROCEDURE:	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 700ml 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 microwavemeter will check the leakage and then record the maximum leakage.				
TESTED RANGE:	N/A				
TEST VOLTAGE:	AC 120V/60Hz				
RESULTS:	There was no microwave leakage exceeding a power level of 0.07mW/cm2 observed at any point 5cm or more from the external surface of the oven. A maximum of 1.0 mW/cm2 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. The test results relate only to the equipment under test provided by client.				
CHANGES OR MODIFICATIONS:	There were no modifications installed by ECMG Electronic Technical Testing Corp (Shenzhen).				
M. UNCERTAINTY:	0.0001 mW/cm2				

Test Equipment List:

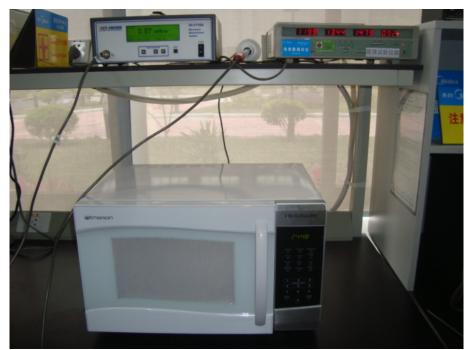
Test Equipment	Model No.	Manufacturer	Serial No.	Last Cal.	Cal. Interval	
Microwave Measurement	HOLADAY	HI-1710A	00122261	2011.08.22	2012.08.21	
Note: All testing were performed using internationally recognized standards. All test instruments were calibrated and traceable to the National Institute of Standards and Technology (NIST).						

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ENGINEER

REVIEWED BY:

SENIOR ENGINEER



Radiation Hazard Test Set-up

ATTACHMENT 2 - INPUT POWER MEASUREMENT

CLIENT:	Guangdong Midea Microwave and Electrical Appliances Manufacturing Co., Ltd.	TEST STANDERD:	FCC Part 18		
MODEL NUMBERS:	XM031AYY,XM031AYY-X1	PRODUCT:	Microwave Oven		
MODEL TESTED:	EM031ASJ-X1	EUT DESIGNATION:	Home or Office		
TEMPERATURE:	21°C	HUMIDITY:	69%		
ATM PRESSURE:	102kPa	GROUNDING:	Through AC Power Cord		
TESTED BY:	Sewen Guo	DATE OF TEST:	February 14, 2012		
TEST REFERENCE:	ANSI C63.4-2009, FCC/OST MP-5:1986				
TEST PROCEDURE:	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 700ml 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.				
TESTED RANGE:	N/A				
TEST VOLTAGE:	120VAC / 60Hz				
RESULTS :	Based on the measured input power, the EUT was found to be operating within the intended specifications. The test results relate only to the equipment under test provided by client.				
CHANGES OR MODIFICATIONS:	There were no modifications installed by ECMG Electronic Technical Testing Corp (Shenzhen).				
M. UNCERTAINTY :	± 5W				

Test Data:

Input Voltage	Input Current	Measured Input	Rated Input	
(Vac/Hz)	(amps)	Power(watts)	Power(watts)	
120.0	13.4	1476	1500	

Test Equipments List:

Test Equipment	Manufacturer	Model	Serial No.	Last Cal.	Cal. Due	
Power Meter	Ainuo	AN8726C	058704195	10/12/2011	10/11/2012	
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).						

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Input Power Test Set-Up

ATTACHMENT 3 - RF OUTPUT POWER MEASUREMENT

CLIENT:	Guangdong Midea Microwave and Electrical Appliances	TEST STANDERD:	FCC Part 18		
	Manufacturing Co Ltd.				
MODEL NUMBERS:	XM031AYY,XM031AYY-X1	PRODUCT:	Microwave Oven		
MODEL TESTED:	EM031ASJ-X1	EUT DESIGNATION:	Home or Office		
TEMPERATURE:	21 ℃	HUMIDITY:	60%RH		
ATM PRESSURE:	101kPa	GROUNDING:	Through AC Power Cord		
TESTED BY:	Sewen Guo	DATE OF TEST:	February 16, 2012		
TEST REFERENCE:	ANSI C63.4-2009, FCC/OST MI	P-5:1986			
TEST PROCEDURE:	The EUT was set up according the According the According the Measurement. The Caloric Mether The initial temperature of the According the According the Caloric According the Caloric According the Caloric According the Accordin	nod was used to determin water load was measure ter of the oven. The over	e maximum RF output power. d. A 1000ml water load in a en was operated at maximum		
	RF Output Power				
	= (4.2joules/calorie)(volume in n	nilliliters)(temperature rise	e) / (time in seconds)		
	= 4.2 joules/calorie × 1000 × (Fi	nal Temp – Initial Temp)	/ 120		
TESTED RANGE:	N/A				
TEST VOLTAGE:	120VAC / 60Hz				
RESULTS:	RF Output Power =798 watts. The test results relate only to the equipment under test provided by client.				
CHANGES OR MODIFICATIONS:	There were no modifications installed by ECMG Electronic Technical Testing Corp (Shenzhen).				
M. UNCERTAINTY:	±0.3℃				

Test Result:

Quality of	Starting	Final	Elapsed Time	RF Output
Water(ml)	Temperature (で)	Temperature (で)	(Seconds)	Power(watts)
1000	19.4	42.2	1205	798

Test Equipments list:

Test Equipment	Manufacturer	Model	Serial No.	Last Cal.	Cal. Due		
Digit Thermometer	Fluke Corporation	Fluke 51 II	87500204	05/15/2011	05/15/2012		
Stopwatch CASIO HS-3 511Q038 05/22/2011 05/15/2012							
Note: All testing were performed using internationally recognized standards. All test instruments were							

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).

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SENIOR ENGINEER



RF Output Power Test Set-Up

ATTACHMENT 4 - OPERATING FREQUENCY MEASUREMENT

	Guangdong Midea Microwave				
CLIENT:	and Electrical Appliances Manufacturing Co Ltd.	TEST STANDERD:	FCC Part 18		
MODEL NUMBERS:	XM031AYY,XM031AYY-X1	PRODUCT:	Microwave Oven		
MODEL TESTED:	EM031ASJ-X1	EUT DESIGNATION:	Home or Office		
TEMPERATURE:	21 ℃	HUMIDITY:	60%RH		
ATM PRESSURE:	102kPa	GROUNDING:	Through AC Power Cord		
TESTED BY:	Sewen Guo	DATE OF TEST:	February 16, 2012		
TEST REFERENCE:	ANSI C63.4-2009, FCC/OST MP-{	5:1986			
	The EUT was set up according to Frequency Measurement.	o the FCC MP-5 and FC	C Part 18 for Operating		
TEST PROCEDURE:	1) The variation of frequency with using a spectrum analyzer. Starti water load in a beaker was locat analyzer with antenna at 3 met operated at maximum output po monitored until the water load was	ng with the EUT at room ated in the center of the ers distance form the o wer. The fundamental o	temperature, a 1000ml e oven. Set a spectrum ven and the oven was perating frequency was		
	2) The variation of frequency with Line Voltage. 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.				
TESTED RANGE:	2450 ± 50MHz				
TEST VOLTAGE:	120VAC / 60Hz				
RESULTS:	Please refer to following pages for details of the variation in operating frequency with time & line voltage measurement. The test results relate only to the equipment under test provided by client.				
CHANGES OR MODIFICATIONS:	There were no modifications installed by ECMG Electronic Technical Testing Corp (Shenzhen)				
M. UNCERTAINTY:	Freq. ±10kHz				

Variation in Operating Frequency with Time:

Minimum Frequency (MHz)	Maximum Frequency (MHz)
2483.10	2486.70

Variation in Operating Frequency with Line Voltage:

Minimum Frequency (MHz)	Maximum Frequency (MHz)
2478.30	2482.70
Note: Line voltage varied from 96Vac to 150Vac.	

Test Equipments List:

Test Equipment	Manufacturer	Model	Serial No.	Last Cal.	Cal. Due		
EMI test receiver	R&S	ESIB-26	100174	11/18/2011	11/17/2012		
Horn Antenna	R&S	HF906	100311	11/20/2011	11/21/2012		
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).							

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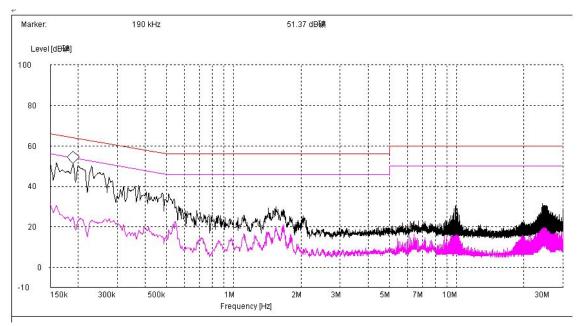
SENIOR ENGINEER



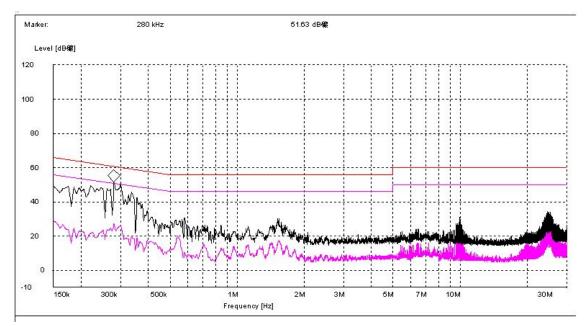
Operating Frequency Test Set-up

ATTACHMENT 5 - CONDUCTED EMISSION TEST RESULTS

CLIENT:	Guangdong Midea Microwave and Electrical Appliances Manufacturing Co Ltd.	TEST STANDERD:	FCC Part 18		
MODEL NUMBERS:	XM031AYY,XM031AYY-X1	PRODUCT:	Microwave Oven		
MODEL TESTED:	EM031ASJ-X1	EUT DESIGNATION:	Home or Office		
TEMPERATURE:	21 ℃	HUMIDITY:	60%RH		
ATM PRESSURE:	101kPa	GROUNDING:	Through AC Power Cord		
TESTED BY:	Sewen Guo	DATE OF TEST:	February 17, 2012		
TEST REFERENCE:	ANSI C63.4-2009, FCC/OST MP-	5:1986			
TEST PROCEDURE:	The EUT was set up according to for conducted emissions. The me EMI receiver peak scan was mad highest significant peaks were th peaked and averaged. The fre 30MHz.	asurement was using a de at the frequency me nen marked, and these	AMN on each line and an asurement range. The six signals were then quasi-		
TESTED RANGE:	150kHz to 30MHz				
TEST VOLTAGE:	120VAC / 60Hz				
RESULTS:	The EUT meets the requirements of test reference for Conducted Emissions. The test results relate only to the equipment under test provided by client.				
CHANGES OR MODIFICATIONS:	There were no modifications installed by ECMG Electronic Technical Testing Corp (Shenzhen)				
M. UNCERTAINTY:	±2.5 dB				



Line L Conducted Emission Graph



Line N Conducted Emission Graph

Test Data:

Lines (L/N)	Frequency (MHz)	Corrected QP Level (dBuV)	Limits QP (dBuV)	Margin QP (dB)	Frequency (MHz)	Corrected AV Level (dBuV)	Limits AV (dBuV)	Margin QP (dB)
L	0.190	36.2	64.0	-27.8	0.190	12.4	54.0	-41.6
L	0.210	29.6	63.2	-33.6	0.210	14.1	5 <i>3.2</i>	-39.1
L	0.500	17.4	56.0	-38.6	0.500	1.3	46.0	-44.7
N	0.280	28.2	60.8	-32.6	0.280	24.4	50.8	-26.4
N	0.310	29.4	60.0	-30.6	0.310	12.6	50.0	-37.4
N	0.625	20.6	56.0	-35.4	0.625	13.2	46.0	-32.8

Note :

1) All readings are using a bandwidth of 9 kHz, with a 500 ms sweep time. A video filter was not use.

2) "QP" means "Quasi-Peak" values, "AV" means "Average" values.

3) The other reading are too low against official limits that are not be recorded.

Test Equipments List:

Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due
EMI test receiver	R&S	ESIB-26	100174	11/19/2011	11/18/2012
LISN	R&S	ESH2-Z5	100091	11/19/2011	11/18/2012
Transient Limiter	Agilent	11947A	3107A03648	11/19/2011	11/18/2012
Shielding Room	ТДК	8m×4m×3m	N/A	04/17/2011	04/16/2012

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).

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Conducted Emission Test Set-up:

ATTACHMENT 6 - RADIATED EMISSION TEST RESULTS

CLIENT:	Guangdong Midea Microwave and Electrical Appliances Manufacturing Co.,Ltd.	TEST STANDERD:	FCC Part 18
MODEL NUMBERS:	XM031AYY,XM031AYY-X1	PRODUCT:	Microwave Oven
MODEL TESTED:	EM031ASJ-X1	EUT DESIGNATION:	Home or Office
TEMPERATURE:	22 °C	HUMIDITY:	63%RH
ATM PRESSURE:	103.0kPa	GROUNDING:	Through AC Power Cord
TESTED BY:	Sewen Guo	DATE OF TEST:	February 17, 2012
TEST REFERENCE:	ANSI C63.4-2009, FCC/OST	MP-5:1986	
TEST PROCEDURE:	radiated emissions. Microwa table. The top of the table is mounted metal turntable. Ar measurement range (pre-sca then performed and the sign peak detection mode from 1GHz. The following data lists th correction factors (including of	ave Oven was placed of 1.0 m above the ground a EMI receiver peak sca an) in an Anechoic char dificant peaks marked. A 30 MHz to 1GHz and e significant emission cable and antenna correct xplanation of the Correct	NSI C63.4-2009& FCC MP-5 for on a 1m *1.5m nonconductive . The table is placed on a flush an was made at the frequency nber. Signal discrimination was .Il data was recorded in Quasi- average detector mode above frequencies, measured levels, ction factors), and the corrected ion Factor are given as follows:
TESTED RANGE:	30MHz to 24.5GHz		
TEST VOLTAGE:	120VAC / 60Hz		
RESULTS:	The EUT meet the requirem results relate only to the equi		or radiated emissions. The test
CHANGES OR MODIFICATIONS:	There were no modifications (Shenzhen)	installed by ECMG Ele	ectronic Technical Testing Corp
M. UNCERTAINTY:	± 3.2 dB		

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=20log[25*SQRT(Power/500)]dBuV/m

30MHz – 1GHz								
Frequency [MHz]	Antenna Polarization [V/H]	Corrected Reading [dBµV/m]	Factor (dB)	Field Strength [dBµV/m]	Delta, QP [dB]	3 Meters Limits [dBμV/m]		
41.663	V	10.2	7.7	17.9	-52.1	70.0		
109.699	V	9.6	9.2	18.8	-51.2	70.0		
140.802	V	10.8	9.4	20.2	-49.8	70.0		
224.389	Н	13.5	7.6	21.1	-48.9	70.0		
146.633	Н	10.4	9.1	19.5	-50.5	70.0		
105.812	Н	10.4	9.2	19.6	-50.4	70.0		

Test Data :

Note: 1) All readings are quasi-peak unless stated otherwise, using a bandwidth of 120kHz, with a 60s sweep time. A video filter was not used. 2) Field Strength = Read Level + Factor, Factor = Antenna Factor + Cable Loss - Preamp Factor.

1GHz - 25GHz

Frequency [GHz]	Antenna Polarization [V/H]	Corrected Reading [dBµV/m]	Factor (dB)	Field Strength [dBµV/m]	Delta, AV [dB]	3 Meters Limits [dBµV/m]			
4.270	V	36.1	2.1	38.2	-31.8	70.0			
7.439	V	35.4	3.6	39.0	-31.0	70.0			
8.464	V	35.4	5.3	40.7	-29.3	70.0			
4.302	н	36.2	-5.2	31.0	-39.0	70.0			
7.097	н	35.7	1.7	37.4	-32.6	70.0			
8.433	н	35.4	5.6	41.0	-29.0	70.0			
	•	•	•	•	•	•			

Note: 1) All readings are average unless stated otherwise, using a bandwidth of 1MHz, with a 60s sweep time. A video filter was not used. 2) Field Strength = Read Level + Factor, Factor = Antenna Factor + Cable Loss - Preamp Factor.

Test Equipments List:

Test Equipment	Manufacturer	Model	Serial No.	Last Cal.	Cal. Due
EMI test receiver	R&S	ESIB-26	100174	11/19/2011	11/18/2012
Horn Antenna	R&S	HF906	100311	11/21/2011	11/20/2012
Hybrid Log Periodic Antenna	ТДК	HLP-3003C	130144	11/21/2011	11/20/2012
Loop Antenna	ETS	ETS-6152	24934	11/21/2011	11/20/2012
Anechoic Chamber	TDK	9m×6 m×5.7m	N/A	04/17/2011	04/16/2012

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).

Seventrue

REVIEWED BY:

SENIOR ENGINEER

ENGINEER

SIGNED BY:



Radiated Emission Test Set-up (30 -1,000MHz)



Radiated Emission Test Set-up (1-25GHz)

FCC Test Report #: GUA-1202-10781-FCCPrepared for Guangdong Midea Microwave and Electrical Appliances Manufacturing Co., LtdPrepared by ECMG Electronic Technical Testing Corp (Shenzhen)Page 30 of 30