

(Updated Report)
APPLICATION FOR CERTIFICATION
On Behalf of
Tsann Kuen Enterprise Co., Ltd.
Microwave Oven

Model : (1)TSK-M1701MA (2)TSK-M1701ME
(3)TSK-M1702AME (4)TSK-M1702BME
(5)TSK-M1702MA (6)TSK-M1703ME
(7)TSK-M1704MA (8)TSK-M1704ME

FCC ID : RBJ-TSKM1702

Prepared for : Tsann Kuen Enterprise Co., Ltd.
3, Kai Fa 2nd Road, Pao An Industrial District,
Ren Teh Hsiang, Tainan, Taiwan

Prepared By : Audix Corporation
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TEST REPORT CERTIFICATION

Applicant : Tsann Kuen Enterprise Co., Ltd.
Manufacturer : Tsann Kuen (Zhangzhou) Enterprise Co., Ltd.
EUT Description : Microwave Oven
FCC ID : RBJ-TSKM1702

(A) MODEL NO. : (1)TSK-M1701MA (2)TSK-M1701ME
(3)TSK-M1702AME (4)TSK-M1702BME
(5)TSK-M1702MA (6)TSK-M1703ME
(7)TSK-M1704MA (8)TSK-M1704ME

(B) SERIAL NO. : N/A

(C) POWER SUPPLY : AC 120V, 60Hz

Measurement Procedure Used:

FCC RULES AND REGULATIONS PART 18 SUBPART C, OCT 2004
AND FCC/OST MP-5 FEBRUARY 1986

The device described above was tested by Audix Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 18 subpart C limits both radiated and conducted emissions.

The measurement results are contained in this test report and Audix Corporation is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC official limits.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Corporation.

Date of Test : Mar. 07 ~ May 06, 2005

Prepared by : Cherry Lee May 06, 2005 for
(Nita Lee/Assistant Administrator)

Test Engineer : Alex Deng May 06, 2005
(Alex Deng/Section Manager)

Approve & Authorized Signer: Leon Liu May 06 '05
(Leon Liu/Senior Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description : Microwave Oven

Model Number : (1)TSK-M1701MA (2)TSK-M1701ME
(3)TSK-M1702AME (4)TSK-M1702BME
(5)TSK-M1702MA (6)TSK-M1703ME
(7)TSK-M1704MA (8)TSK-M1704ME
The differences of above models are in the cosmetic color, appearance of control panel & door, door open design, PCB assembly, magnetron and H.V. transformer.
The model TSK-M1702BME & TSK-M1702MA & TSK-M1704MA & TSK-M1704ME are representative selected reported in this test report.

Model Number	Cosmetic Color	Appearance of Control Panel & Door	Door Open Design	PCB Assembly	Magnetron	H.V. Transformer
TSK-M1701MA (Mechanical Type)	White or Black	See Appearance Photo	Hand Pull	Not Provide	(1)Matsushita, Type 2M211A-M2J (2)Witol. Type 2M315H	(1)Yunlu Type KHT-R701ACK (2)DPC Type EUPA-700A
TSK-M1701ME (Electronic Type)	White	See Appearance Photo	Hand Pull	Provide	(1)Matsushita, Type 2M211A-M2J (2)Witol. Type 2M315H	(1)Yunlu Type KHT-R701ACK (2)DPC Type EUPA-700A
TSK-M1702MA (Mechanical Type)	White or Black	See Appearance Photo	Hand Pull	Not Provide	(1)Matsushita, Type 2M211A-M2J (2)Witol. Type 2M315H	(1)Yunlu Type KHT-R701ACK (2)DPC Type EUPA-700A
TSK-M1702AME (Electronic Type)	White or Black	See Appearance Photo	Hand Pull	Provide	(1)Matsushita, Type 2M211A-M2J (2)Witol. Type 2M315H	(1)Yunlu Type KHT-R701ACK (2)DPC Type EUPA-700A
TSK-M1702BME (Electronic Type)	White or Black	See Appearance Photo	Hand Pull	Provide	(1)Matsushita, Type 2M211A-M2J (2)Witol. Type 2M315H	(1)Yunlu Type KHT-R701ACK (2)DPC Type EUPA-700A
TSK-M1703ME (Electronic Type)	White or Black	See Appearance Photo	Hand Pull	Provide	(1)Matsushita, Type 2M211A-M2J (2)Witol. Type 2M315H	(1)Yunlu Type KHT-R701ACK (2)DPC Type EUPA-700A
TSK-M1704MA (Mechanical Type)	White	See Appearance Photo	Button Open	Not Provide	(1)Matsushita, Type 2M211A-M2J (2)Witol. Type 2M315H (3)Toshiba, Type 2M231CH(EP)-A	(1)Yunlu Type KHT-R701ACK (2)DPC Type EUPA-700A
TSK-M1704ME (Electronic Type)	White	See Appearance Photo	Button Open	Provide	(1)Matsushita, Type 2M211A-M2J (2)Witol. Type 2M315H (3)Toshiba, Type 2M231CH(EP)-A	(1)Yunlu Type KHT-R701ACK (2)DPC Type EUPA-700A

FCC ID	:	RBJ-TSKM1702
Applicant	:	Tsann Kuen Enterprise Co., Ltd. 3, Kai Fa 2 nd Road, Pao An Industrial District, Ren Teh Hsiang, Tainan, Taiwan
Manufacturer	:	Tsann Kuen (Zhangzhou) Enterprise Co., Ltd. Tsann Kuen Industrial Park, Longchi Development District, Zhangzhou, Fujian, CHINA
Magnetron	:	(1)Matsushita, Type 2M211A-M2J (2)Witol. Type 2M315H (3)Toshiba, Type 2M231CH(EP)-A
H.V. Transformer	:	(1)Yunlu Type KHT-R701ACK (2)DPC Type EUPA-700A
Fan Motor	:	Heng Cheng, Type YJF62A-120
Frequency	:	2450MHz
Rated Current	:	10A
Microwave Output	:	700W
Rated Power Consumption	:	1150W
Power Cord	:	Non-Shielded, Undetachable, 1.2m (3Pin)
Date of Receipt of Sample	:	Mar. 07, 2005
Date of Test	:	Mar. 07 ~ May 06, 2005

1.2. Description of Test Facility

Name of Firm : **Audix Corporation**
Technical Division EMC Department
 No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei County, Taiwan, R.O.C.

Test Site : **No. 2 Shielded Room**
 (C2/AC) No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei County, Taiwan, R.O.C.

Semi-Anechoic Chamber
 Federal Communication Commission
 Registration Number: 90993
 Filing on May 16, 2003
 No. 53-11, Tin-Fu Tsun, Lin-Kou,
 Taipei County, Taiwan, R.O.C.

NVLAP Lab. Code : 200077-0
 (NVLAP is a NATA accredited body under Mutual Recognition Agreement)

1.3. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty (dB)
Conduction Test	150kHz~30MHz	±1.73dB
Radiation Test (Distance: 3m)	30MHz~300MHz	±2.91dB
	300MHz~1000MHz	±2.94dB

Remark : Uncertainty = $ku_c(y)$

2. INPUT POWER MEASUREMENT

2.1. Test Equipment

The following test equipment was used during the input power measurement :

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Universal Power Analyzer	Voltech	PM3000A	AL109/9072	May 14, 04'	May 13, 05'

2.2. Test Setup

2.2.1. Block Diagram of connection between EUT and simulators



2.2.2. Block Diagram of connection between EUT and test equipment



2.3. Operating Condition of EUT and Measurement Procedure

The input power was measured using a universal power analyzer. 700 milliliters of water in the beaker was placed in the center of the Microwave Oven (EUT). The Microwave Oven (EUT) was operated at the rated input and full output power for 6 minutes.

2.4. Measurement Results

EUT : Microwave Oven M/N : TSK-M1702BME

Magnetron : Matsushita, Type 2M211A-M2J

Test Date : Apr. 11, 2005 Temperature : 19°C Humidity : 64%

Load : 700ml

Measured Input			Manufacturer's Input	
Voltage (Vac)	Current (A)	Input Power (W)	Current (A)	Input Power (W)
120	10.6	1211	10A	1150W

EUT : Microwave Oven M/N : TSK-M1702MA

Magnetron : Matsushita, Type 2M211A-M2J

Test Date : Mar. 07, 2005 Temperature : 15°C Humidity : 69%

Load : 700ml

Measured Input			Manufacturer's Input	
Voltage (Vac)	Current (A)	Input Power (W)	Current (A)	Input Power (W)
119.54	10.652	1102.5	10A	1150W

EUT : Microwave Oven M/N : TSK-M1704MA
 Magnetron : Witol. Type 2M315H

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%
 Load : 700ml

Measured Input			Manufacturer's Input	
Voltage (Vac)	Current (A)	Input Power (W)	Current (A)	Input Power (W)
120	10.654	1216.4	10A	1150W

EUT : Microwave Oven M/N : TSK-M1704MA
 Magnetron : Toshiba, Type 2M231CH(EP)-A

Test Date : Apr. 29, 2005 Temperature : 20°C Humidity : 70%
 Load : 700ml

Measured Input			Manufacturer's Input	
Voltage (Vac)	Current (A)	Input Power (W)	Current (A)	Input Power (W)
120	10.661	1215.4	10A	1150W

EUT : Microwave Oven M/N : TSK-M1704ME
 Magnetron : Witol. Type 2M315H

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%
 Load : 700ml

Measured Input			Manufacturer's Input	
Voltage (Vac)	Current (A)	Input Power (W)	Current (A)	Input Power (W)
120	10.364	1181.9	10A	1150W

EUT : Microwave Oven M/N : TSK-M1704ME
 Magnetron : Toshiba, Type 2M231CH(EP)-A

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%
 Load : 700ml

Measured Input			Manufacturer's Input	
Voltage (Vac)	Current (A)	Input Power (W)	Current (A)	Input Power (W)
120	9.830	1133.4	10A	1150W

3. OUTPUT POWER MEASUREMENT

3.1. Test Equipment

None.

3.2. Test Setup

MICROWAVE OVEN (EUT)

3.3. Operating Condition of EUT and Measurement Procedure

The Calorimetric Method was used to determine maximum output power. 1000 milliliters of water in the beaker was placed in the center of the Microwave Oven (EUT). A mercury thermometer was used to measure temperature rise.

3.4. Measurement Results

EUT : Microwave Oven M/N : TSK-M1702BME

Magnetron : Matsushita, Type 2M211A-M2J

Test Date : Apr. 11, 2005 Temperature : 19°C Humidity : 64%

Load : 1000ml Manufacture's Output : 700W

Load	Initial Water Temperature °C	Final Water Temperature °C	Heating Duration (Sec.)
1000ml	21 °C	38 °C	120

$$\text{Power [W]} = \frac{4.2 \text{ (Joules/Cal)} \times \text{Volume in ml} \times \text{Temperature Rise}}{\text{Time in Seconds}}$$

$$\text{Power [W]} = \frac{4.2 \times 1000 \times 17}{120} = 595\text{W}$$

EUT : Microwave Oven M/N : TSK-M1702MA
 Magnetron : Matsushita, Type 2M211A-M2J

Test Date : Mar. 07, 2005 Temperature : 15°C Humidity : 69%
 Load : 1000ml Manufacture's Output : 700W

Load	Initial Water Temperature °C	Final Water Temperature °C	Heating Duration (Sec.)
1000ml	14.6 °C	27.1 °C	120

$$\text{Power [W]} = \frac{4.2 \text{ (Joules/Cal)} \times \text{Volume in ml} \times \text{Temperature Rise}}{\text{Time in Seconds}}$$

$$\text{Power [W]} = \frac{4.2 \times 1000 \times 12.5}{120} = 437.5\text{W}$$

EUT : Microwave Oven M/N : TSK-M1704MA
 Magnetron : Witol. Type 2M315H

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%
 Load : 1000ml Manufacture's Output : 700W

Load	Initial Water Temperature °C	Final Water Temperature °C	Heating Duration (Sec.)
1000ml	24 °C	39 °C	120

$$\text{Power [W]} = \frac{4.2 \text{ (Joules/Cal)} \times \text{Volume in ml} \times \text{Temperature Rise}}{\text{Time in Seconds}}$$

$$\text{Power [W]} = \frac{4.2 \times 1000 \times 15}{120} = 525\text{W}$$

EUT : Microwave Oven M/N : TSK-M1704MA
 Magnetron : Toshiba, Type 2M231CH(EP)-A

Test Date : Apr. 29, 2005 Temperature : 20°C Humidity : 70%
 Load : 1000ml Manufacture's Output : 700W

Load	Initial Water Temperature °C	Final Water Temperature °C	Heating Duration (Sec.)
1000ml	23.2 °C	40 °C	120

$$\text{Power [W]} = \frac{4.2 \text{ (Joules/Cal)} \times \text{Volume in ml} \times \text{Temperature Rise}}{\text{Time in Seconds}}$$

$$\text{Power [W]} = \frac{4.2 \times 1000 \times 16.8}{120} = 588\text{W}$$

EUT : Microwave Oven M/N : TSK-M1704ME
 Magnetron : Witol. Type 2M315H

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%
 Load : 1000ml Manufacture's Output : 700W

Load	Initial Water Temperature °C	Final Water Temperature °C	Heating Duration (Sec.)
1000ml	24 °C	43.5 °C	120

$$\text{Power [W]} = \frac{4.2 \text{ (Joules/Cal)} \times \text{Volume in ml} \times \text{Temperature Rise}}{\text{Time in Seconds}}$$

$$\text{Power [W]} = \frac{4.2 \times 1000 \times 19.5}{120} = 682.5\text{W}$$

EUT : Microwave Oven M/N : TSK-M1704ME
 Magnetron : Toshiba, Type 2M231CH(EP)-A

Test Date : Apr. 27, 2005 Temperature : 21℃ Humidity : 72%
 Load : 1000ml Manufacture's Output : 700W

Load	Initial Water Temperature °C	Final Water Temperature °C	Heating Duration (Sec.)
1000ml	24 °C	40.5 °C	120

$$\text{Power [W]} = \frac{4.2 \text{ (Joules/Cal)} \times \text{Volume in ml} \times \text{Temperature Rise}}{\text{Time in Seconds}}$$

$$\text{Power [W]} = \frac{4.2 \times 1000 \times 16.5}{120} = 577.5\text{W}$$

4. OUTPUT FREQUENCY MEASUREMENT

4.1. Test Equipment

The following test equipment was used during the input power measurement :

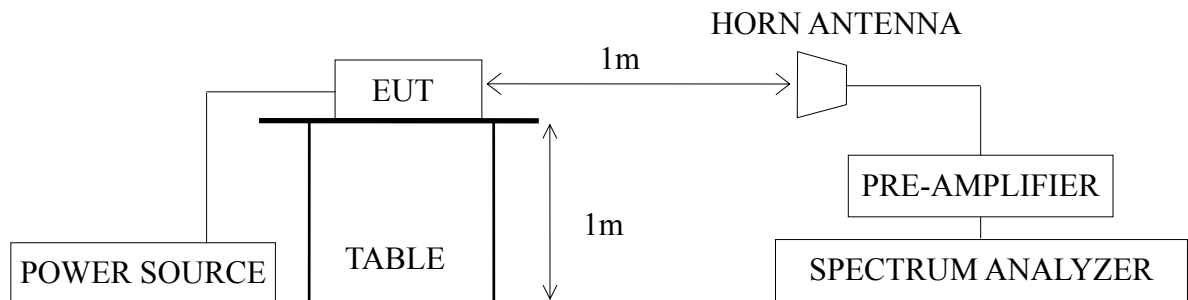
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8593EM	3826A00248	Oct. 04, 04'	Oct. 03, 05'
2.	Horn Antenna	EMCO	3115	9112-3775	May 05, 04'	May 04, 05'
3.	Pre-Amplifier	HP	8449B	3008A00529	Jan. 14, 05'	Jan. 13, 06'

4.2. Test Setup

4.2.1. Block Diagram of connection between EUT and simulators



4.2.2. Block Diagram of connection between EUT and test equipment



4.3. Operating Condition of EUT and Measurement Procedure

The fundamental frequency was measured using a spectrum analyzer. The Microwave Oven (EUT) was operated in “Power-High” mode and without load.

4.4. Measurement Results

EUT : Microwave Oven M/N : TSK-M1702BME

Magnetron : Matsushita, Type 2M211A-M2J

Test Date : Apr. 11, 2005 Temperature : 19°C Humidity : 64%

Load : No Load

Measured Frequency (MHz)	Manufacture's Rated Frequency
2454.8	2450

EUT : Microwave Oven M/N : TSK-M1702MA
 Magnetron : Matsushita, Type 2M211A-M2J

Test Date : Mar. 07, 2005 Temperature : 15°C Humidity : 69%
 Load : No Load

Measured Frequency (MHz)	Manufacture's Rated Frequency
2453.6	2450

EUT : Microwave Oven M/N : TSK-M1704MA
 Magnetron : Witol. Type 2M315H

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%
 Load : No Load

Measured Frequency (MHz)	Manufacture's Rated Frequency
2452.7	2450

EUT : Microwave Oven M/N : TSK-M1704MA
 Magnetron : Toshiba, Type 2M231CH(EP)-A

Test Date : Apr. 29, 2005 Temperature : 20°C Humidity : 70%
 Load : No Load

Measured Frequency (MHz)	Manufacture's Rated Frequency
2453.3	2450

EUT : Microwave Oven M/N : TSK-M1704ME
 Magnetron : Witol. Type 2M315H

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%
 Load : No Load

Measured Frequency (MHz)	Manufacture's Rated Frequency
2457.2	2450

EUT : Microwave Oven M/N : TSK-M1704ME
 Magnetron : Toshiba, Type 2M231CH(EP)-A

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%
 Load : No Load

Measured Frequency (MHz)	Manufacture's Rated Frequency
2457.5	2450

5. FREQUENCY MEASUREMENT

5.1. Test Equipment

The following test equipment was used during the input power measurement :

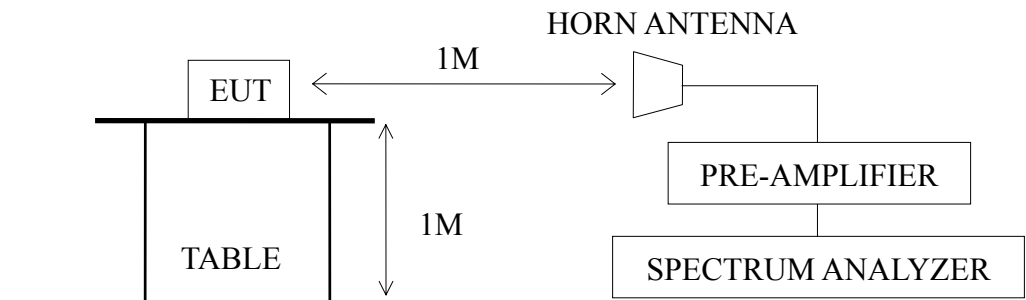
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8593EM	3826A00248	Oct. 04, 04'	Oct. 03, 05'
2.	Horn Antenna	EMCO	3115	9112-3775	May 05, 04'	May 04, 05'
3.	Pre-Amplifier	HP	8447D	2944A06305	Mar. 10, 05'	Mar. 09, 06'

5.2. Test Setup

5.2.1. Block Diagram of connection between EUT and simulators



5.2.2. Block Diagram of connection between EUT and test equipment



5.3. Operating Condition of EUT and Measurement Procedure

5.3.1. The Variation of frequency with time

The operating frequency was measured using a spectrum analyzer. Starting with the EUT at room temperature, 1000 milliliters of water in the beaker was placed in the center of the Microwave Oven (EUT) and the EUT was operated at maximum output power.

The fundamental operating frequency was monitored until the water load was reduced to 20% of the original load.

5.3.2. The Variation of frequency for line voltage

Following the above test, after operating the oven long enough to assure that stable operating temperature were obtained, the operating frequency was monitored as the input voltage was varied between 80 to 125 percent of the nominal rating.

The water load was maintained at 1000ml for the duration of the test.

5.4. Measurement Results

PASSED. All the test results are listed in the following and next two pages.

EUT : Microwave Oven M/N : TSK-M1702BME

Magnetron : Matsushita, Type 2M211A-M2J

Test Date : May 06, 2005 Temperature : 20°C Humidity : 60%

5.4.1. The Variation of frequency with time

Frequency was measured at the rated input voltage (AC 120V).

Initial Load: 1000ml

Final Load: 200ml

Fundamental Frequency: 2470.4MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

Maximum Frequency Observed: 2466.2MHz

Minimum Frequency Observed: 2458.7MHz

Results: **PASSED.**

5.4.2. The Variation of frequency for line voltage

Variation of line voltage from 80% (96V) to 125% (150V)

Load: 1000ml

Fundamental Frequency: 2470.4MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

Maximum Frequency Observed: 2467.1MHz

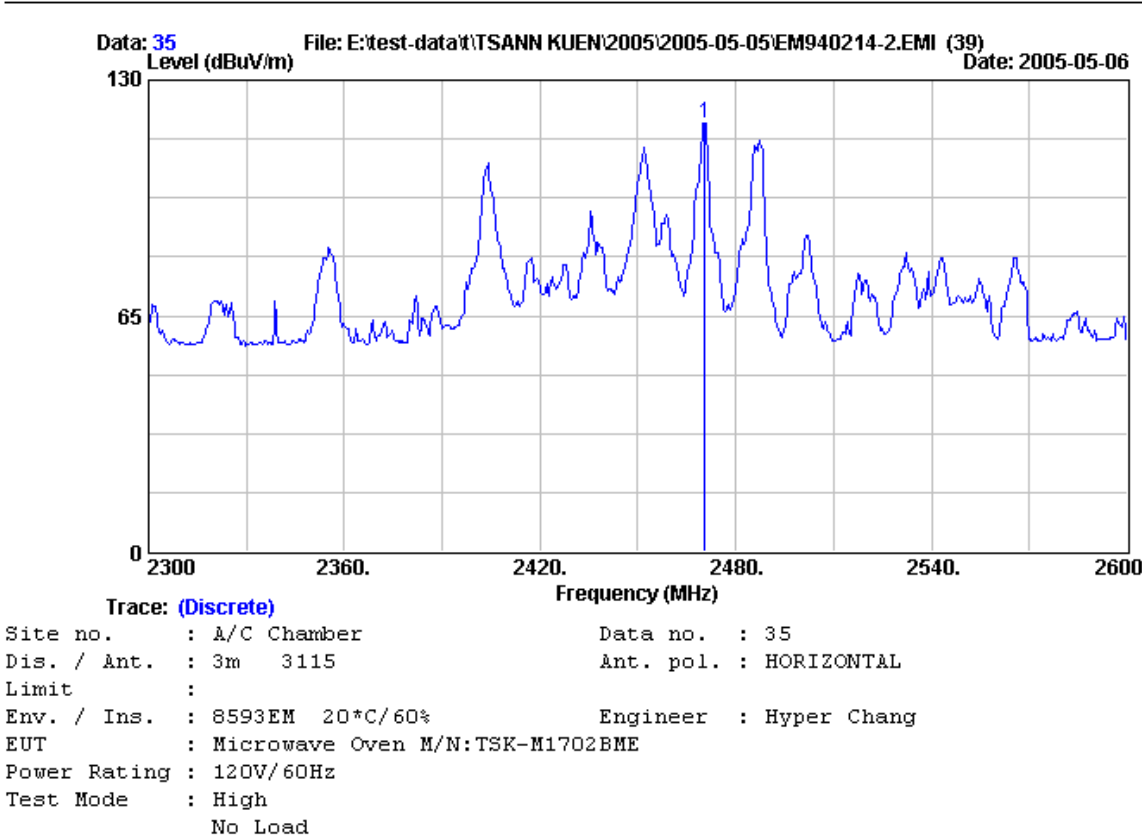
Minimum Frequency Observed: 2464.1MHz

Results: **PASSED.**

Fundamental Frequency: 2470.4MHz



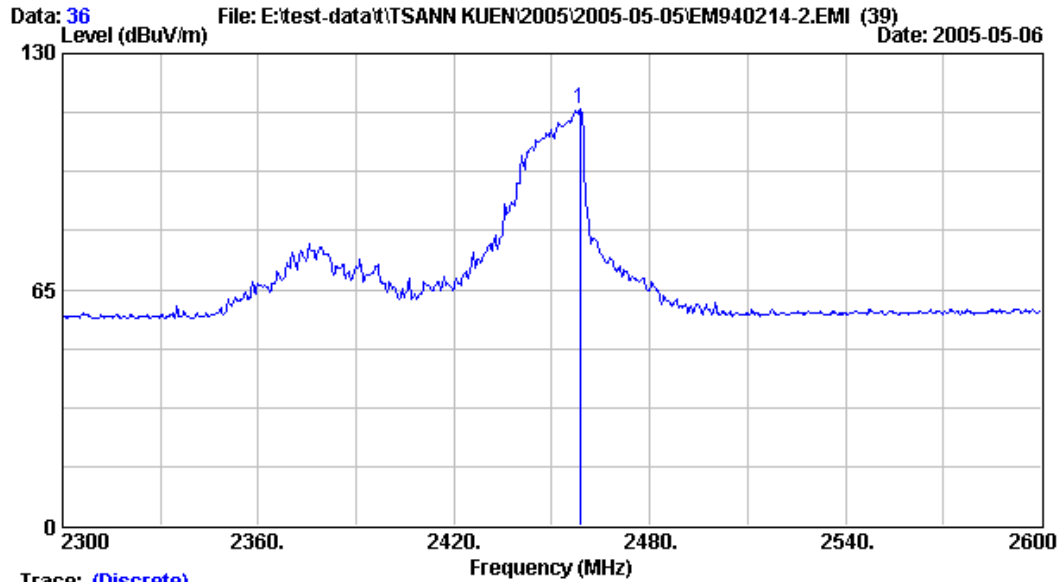
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Load: 200ml, Voltage: 120V



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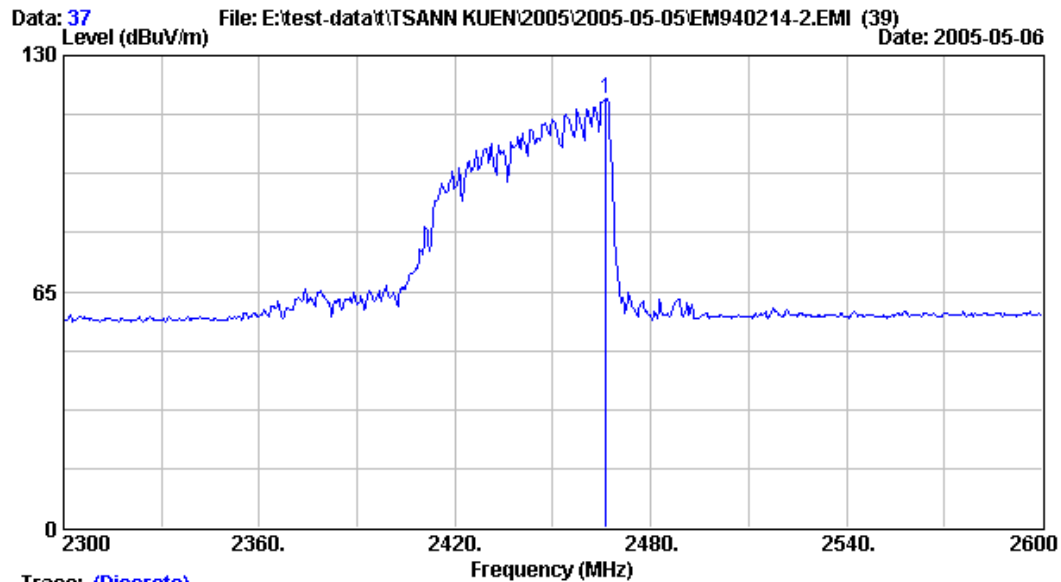
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 36
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120V/60Hz		
Test Mode	: High		
	200 milliliters of waters in the beaker		
	located in the center of the oven		

Load: 1000ml, Voltage: 120V



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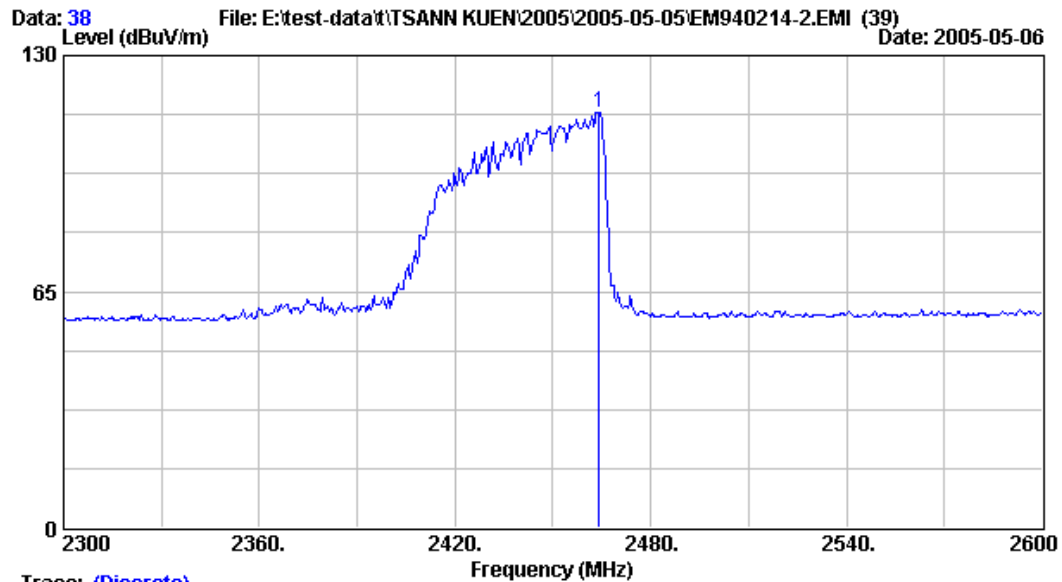
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 37
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120V/60Hz		
Test Mode	: High		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		

Voltage Variation: 80%, Voltage: 96V, Load: 1000ml



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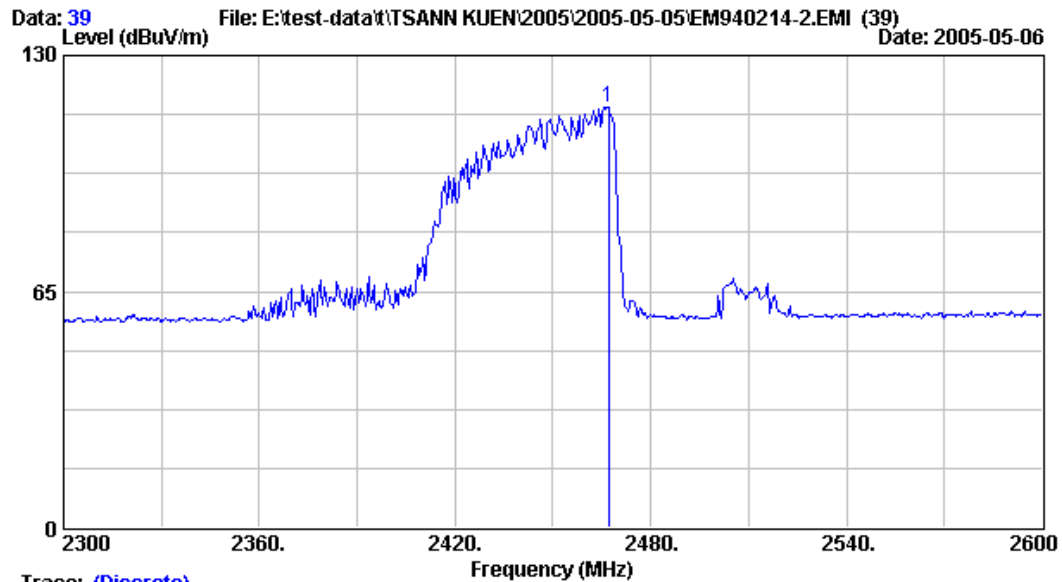
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 38
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 96V/60Hz		
Test Mode	: High		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		

Voltage Variation: 125%, Voltage: 150V, Load: 1000ml



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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 39
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 150V/60Hz		
Test Mode	: High		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		

EUT : Microwave Oven M/N : TSK-M1702MA
Magnetron : Matsushita, Type 2M211A-M2J

Test Date : Mar. 28, 2005 Temperature : 21°C Humidity : 68%
Test Date : May 05, 2005 Temperature : 20°C Humidity : 60%

5.4.3. The Variation of frequency with time

Frequency was measured at the rated input voltage (AC 120V).

Initial Load: 1000ml

Final Load: 200ml

Fundamental Frequency: 2453.6MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

Maximum Frequency Observed: 2464.7MHz

Minimum Frequency Observed: 2452.7MHz

Results: PASSED.

5.4.4. The Variation of frequency for line voltage

Variation of line voltage from 80% (96V) to 125% (150V)

Load: 1000ml

Fundamental Frequency: 2453.6MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

Maximum Frequency Observed: 2460.2MHz

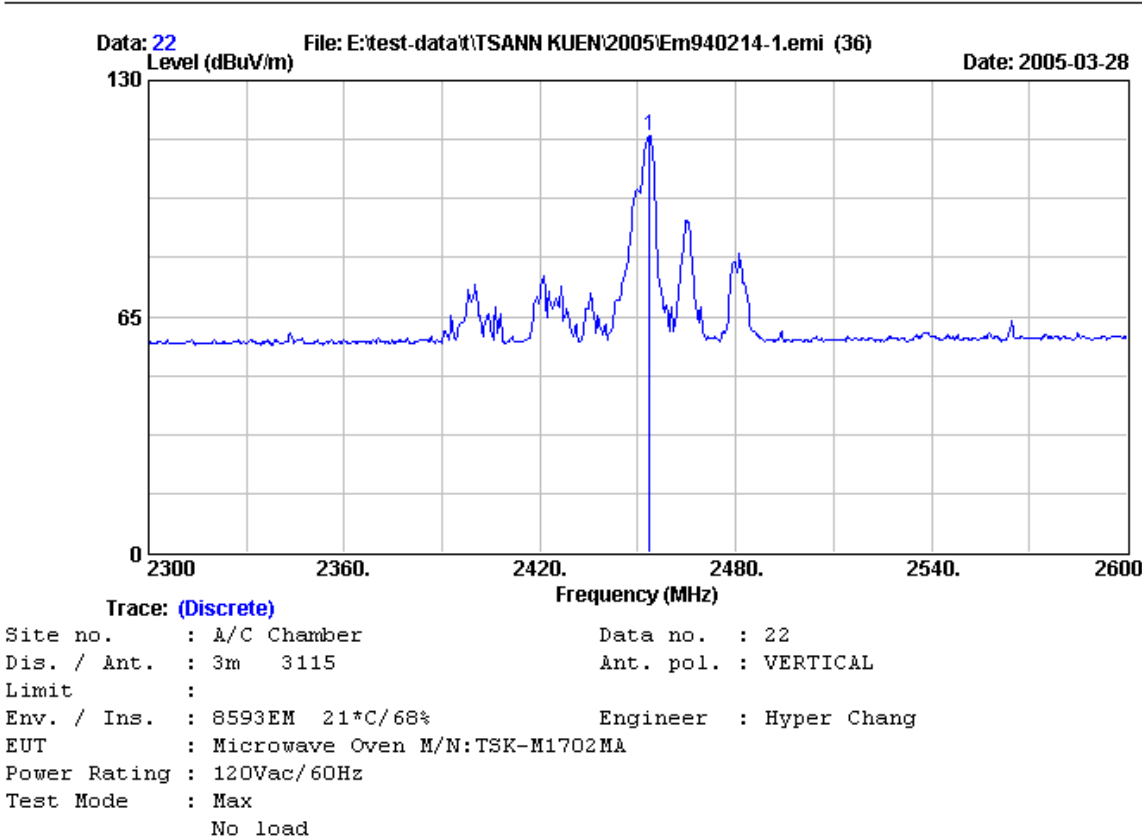
Minimum Frequency Observed: 2448.5MHz

Results: PASSED.

Fundamental Frequency: 2453.6MHz



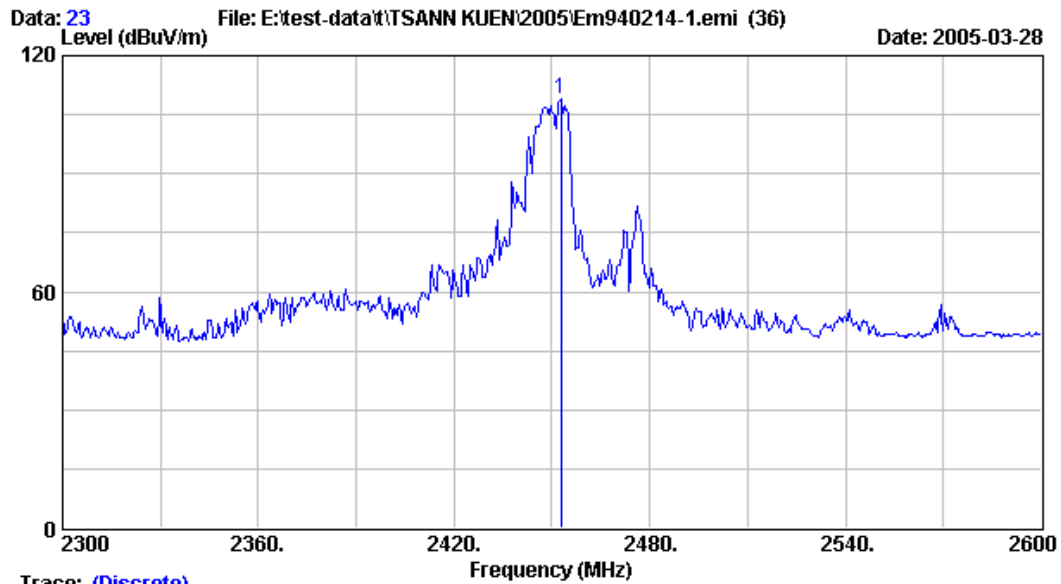
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Load: 200ml, Voltage: 120V



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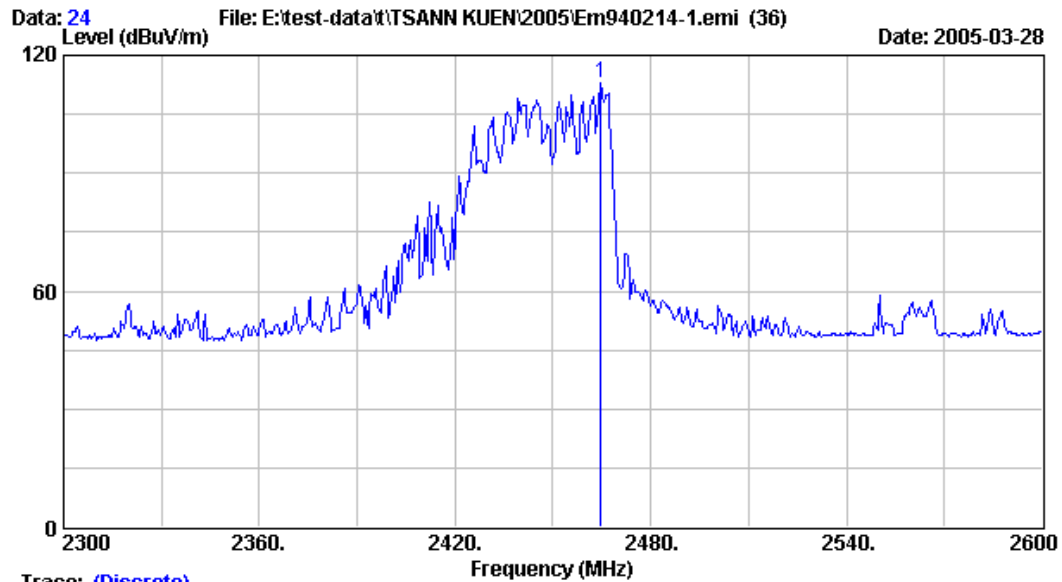
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 23
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/68%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702MA		
Power Rating	: 120V/60Hz		
Test Mode	: Max		
	200 milliliters of waters in the beaker		
	located in the center of the oven		

Load: 1000ml, Voltage: 120V



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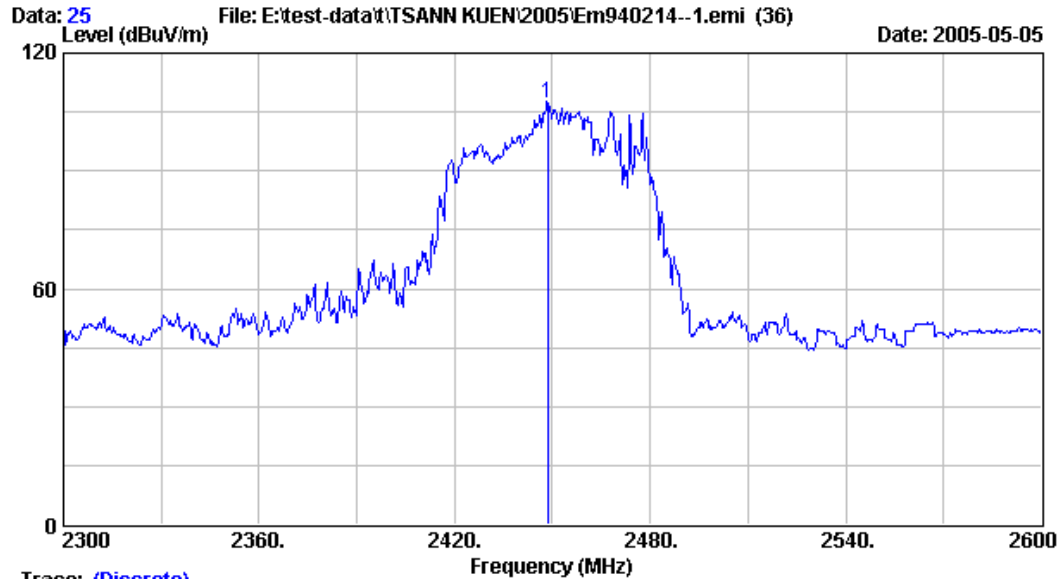
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 24
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/68%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702MA		
Power Rating	: 120V/60Hz		
Test Mode	: Max		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		

Voltage Variation: 80%, Voltage: 96V, Load: 1000ml



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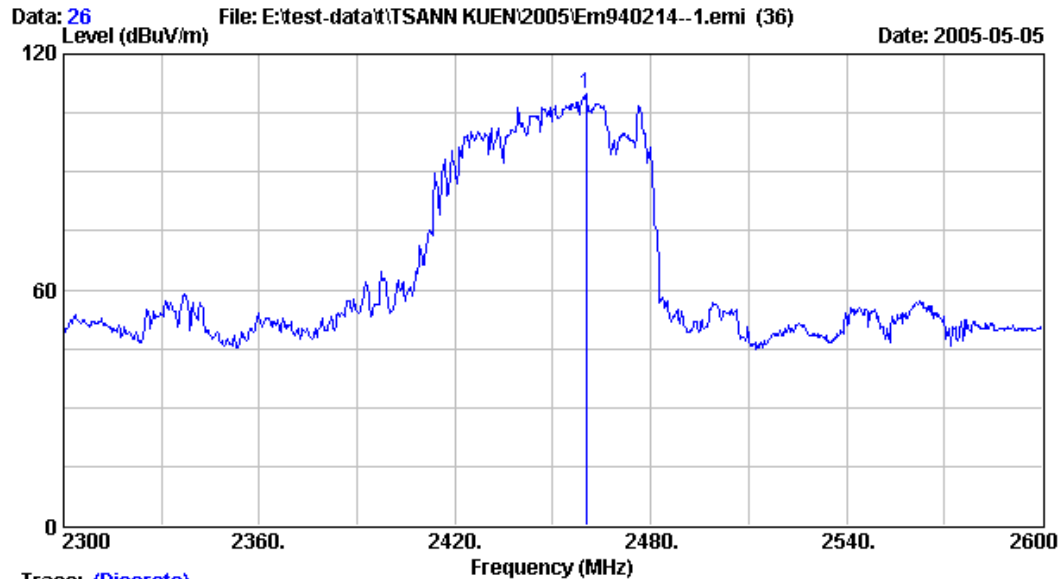


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 25
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/68%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702MA		
Power Rating	: 96V/60Hz		
Test Mode	: Max		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		

Voltage Variation: 125%, Voltage: 150V, Load: 1000ml

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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 26
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/68%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702MA		
Power Rating	: 150Vac/60Hz		
Test Mode	: Max		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		

EUT : Microwave Oven M/N : TSK-M1704MA
Magnetron : Witol. Type 2M315H

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%

5.4.5. The Variation of frequency with time

Frequency was measured at the rated input voltage (AC 120V).

Initial Load: 1000ml

Final Load: 200ml

Fundamental Frequency: 2452.7MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

Maximum Frequency Observed: 2458.1MHz

Minimum Frequency Observed: 2457.2MHz

Results: PASSED.

5.4.6. The Variation of frequency for line voltage

Variation of line voltage from 80% (96V) to 125% (150V)

Load: 1000ml

Fundamental Frequency: 2452.7MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

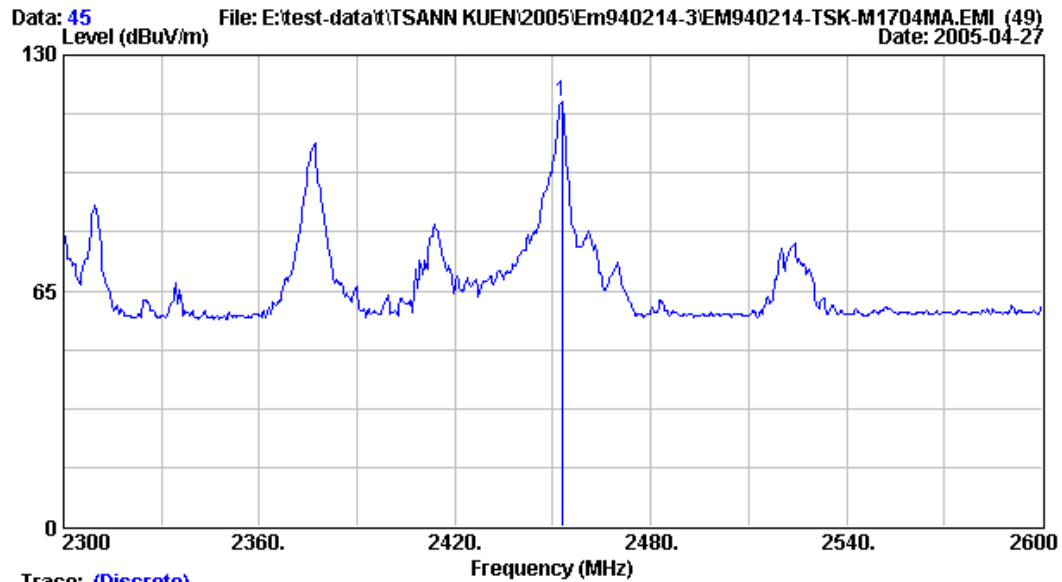
Maximum Frequency Observed: 2463.2MHz

Minimum Frequency Observed: 2461.1MHz

Results: PASSED.

Fundamental Frequency: 2452.7MHz

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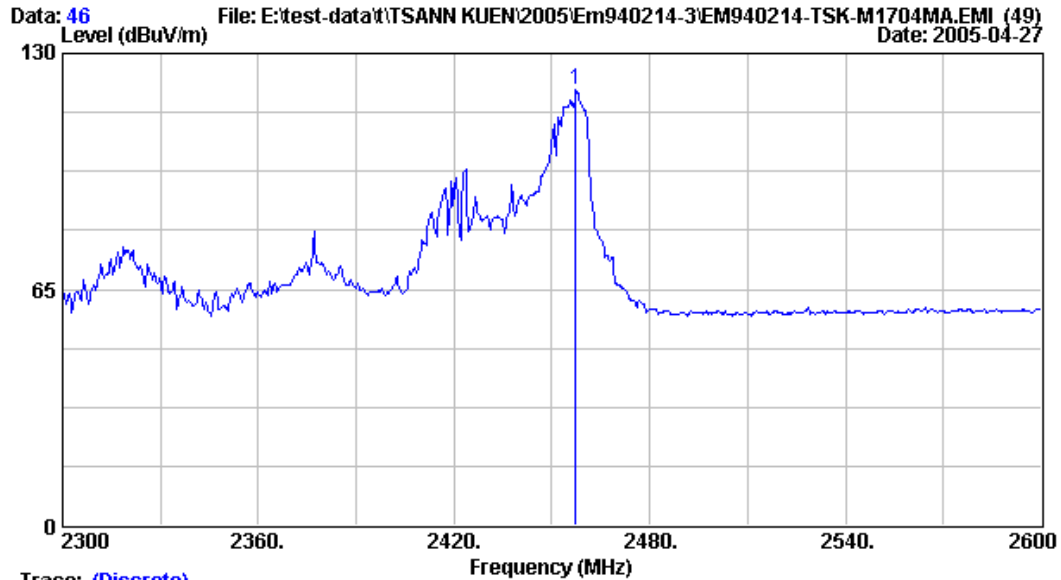
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 45
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/72%	Engineer	: Roger Chou
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 120V/60Hz		
Test Mode	: Max		
	No load		
	W/ Witol Type2M315H		

Load: 200ml, Voltage: 120V



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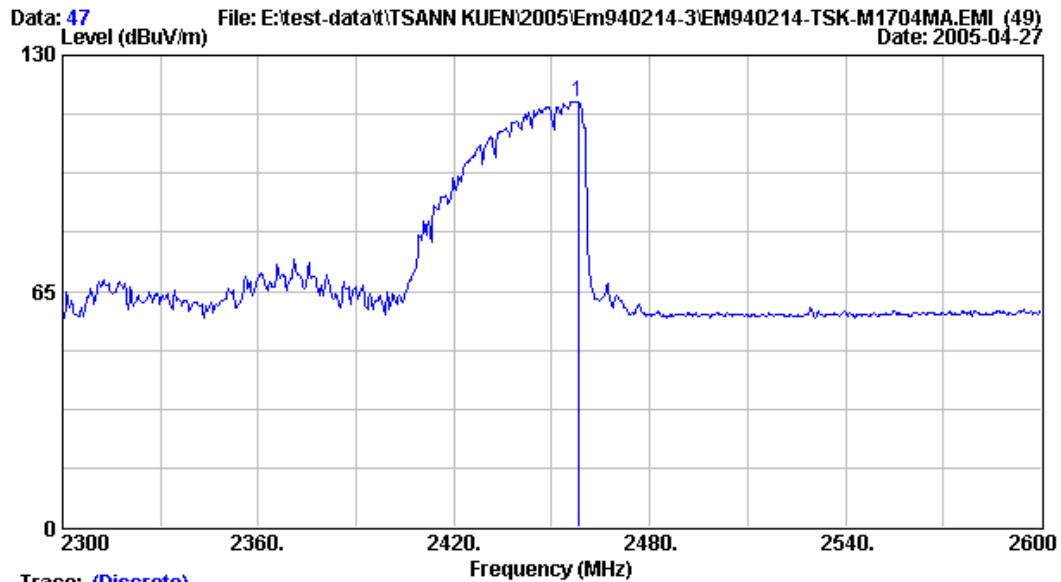


Site no.	: A/C Chamber	Data no.	: 46
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/72%	Engineer	: Roger Chou
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 120V/60Hz		
Test Mode	: Max		
	200 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Witol Type2M315H		

Load: 1000ml, Voltage: 120V



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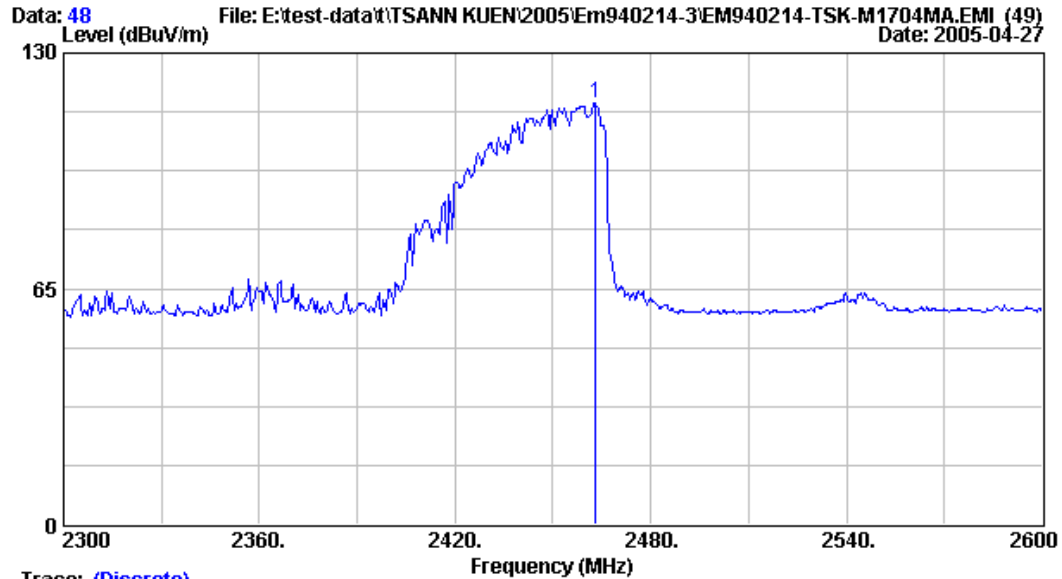
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 47
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/72%	Engineer	: Roger Chou
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 120V/60Hz		
Test Mode	: Max		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Witol Type2M315H		

Voltage Variation: 80%, Voltage: 96V, Load: 1000ml



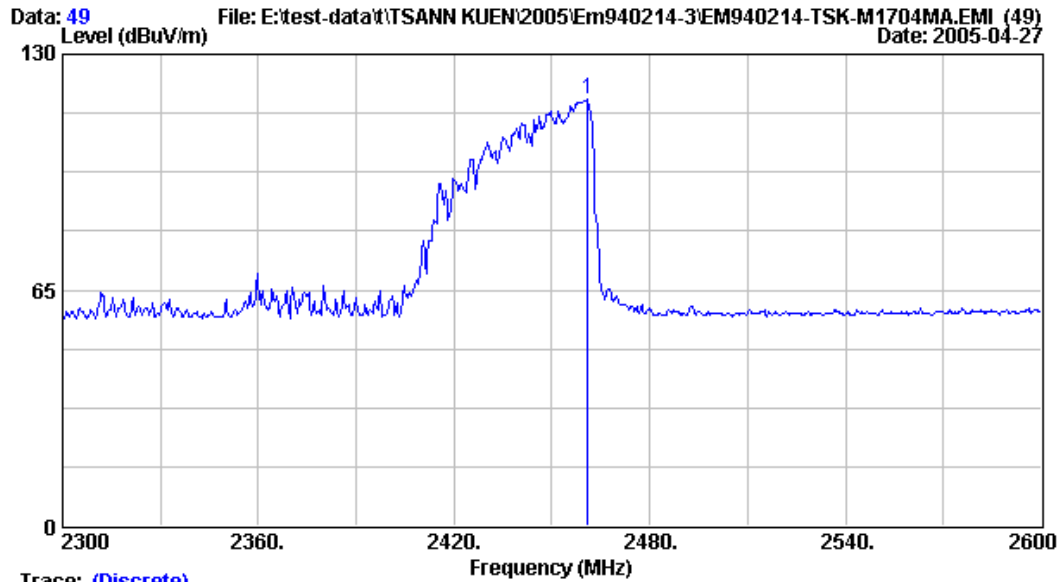
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Site no.	: A/C Chamber	Data no.	: 48
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/72%	Engineer	: Roger Chou
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 96V/60Hz		
Test Mode	: Max		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Witol Type2M315H		

Voltage Variation: 125%, Voltage: 150V, Load: 1000ml

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Site no.	: A/C Chamber	Data no.	: 49
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/72%	Engineer	: Roger Chou
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 150V/60Hz		
Test Mode	: Max		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Witol Type2M315H		

EUT : Microwave Oven M/N : TSK-M1704MA
Magnetron : Toshiba, Type 2M231CH(EP)-A

Test Date : Apr. 29, 2005 Temperature : 20°C Humidity : 70%

5.4.7. The Variation of frequency with time

Frequency was measured at the rated input voltage (AC 120V).

Initial Load: 1000ml

Final Load: 200ml

Fundamental Frequency: 2453.3MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

Maximum Frequency Observed: 2450.6MHz

Minimum Frequency Observed: 2440.7MHz

Results: PASSED.

5.4.8. The Variation of frequency for line voltage

Variation of line voltage from 80% (96V) to 125% (150V)

Load: 1000ml

Fundamental Frequency: 2453.3MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

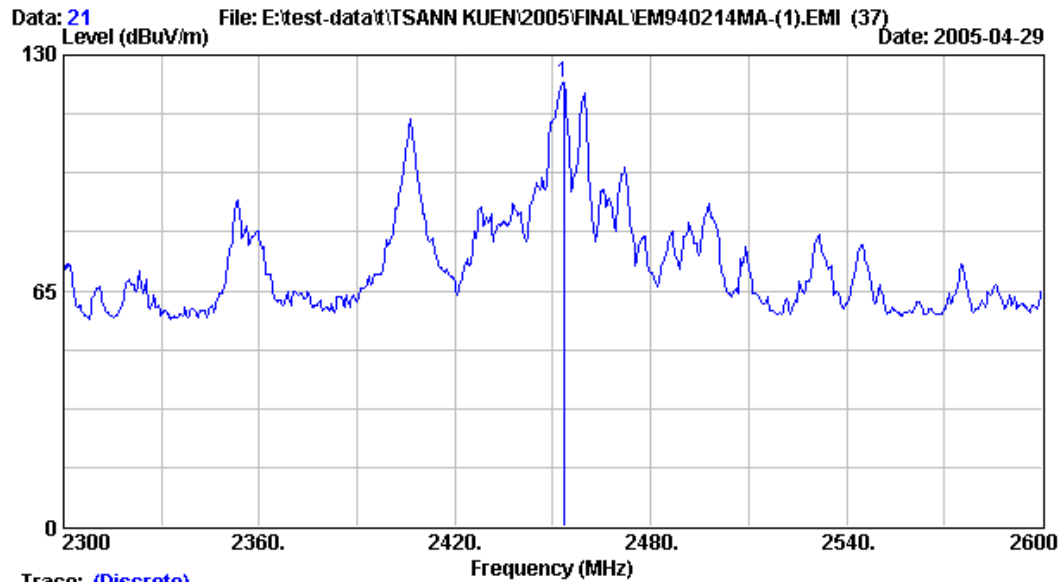
Maximum Frequency Observed: 2445.8MHz

Minimum Frequency Observed: 2442.2MHz

Results: PASSED.

Fundamental Frequency: 2453.3MHz

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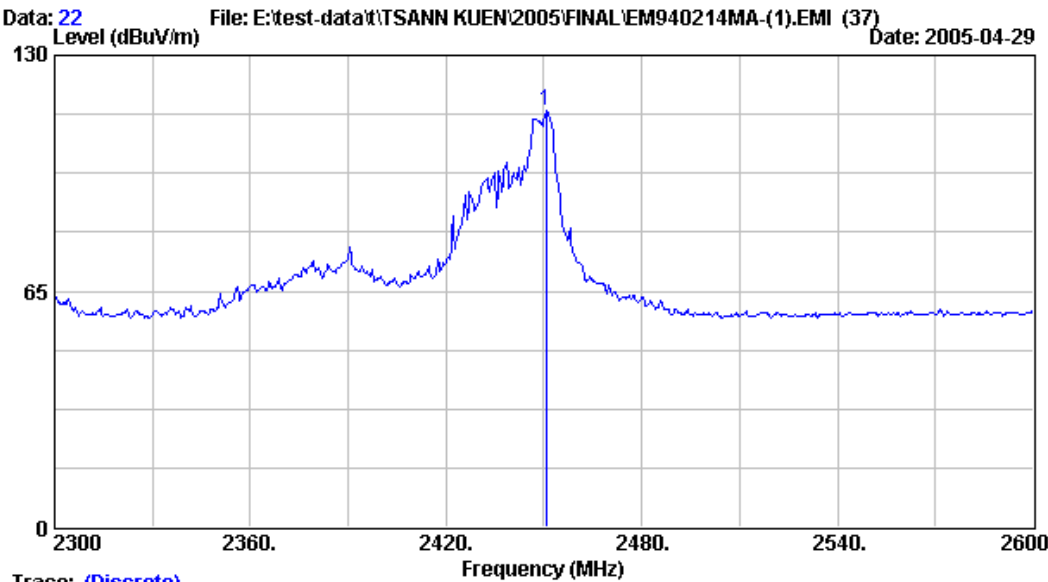
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 21
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 120V/60Hz		
Test Mode	: Max		
	No load		
	W/ Toshiba , Type 2M231CH(EP)-A		

Load: 200ml, Voltage: 120V



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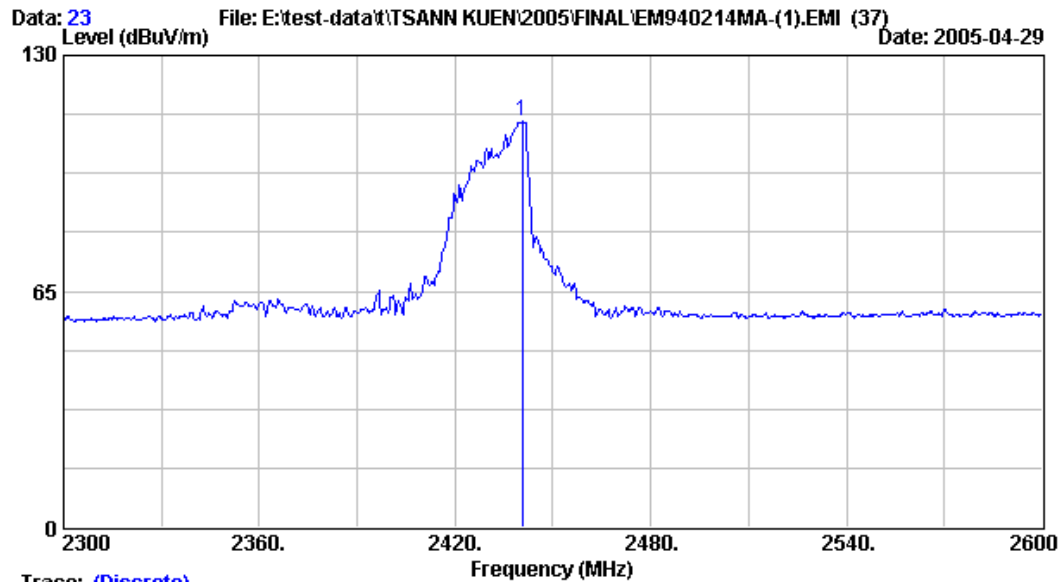
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 22
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 120V/60Hz		
Test Mode	: Max		
	200 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Toshiba , Type 2M231CH(EP)-A		

Load: 1000ml, Voltage: 120V



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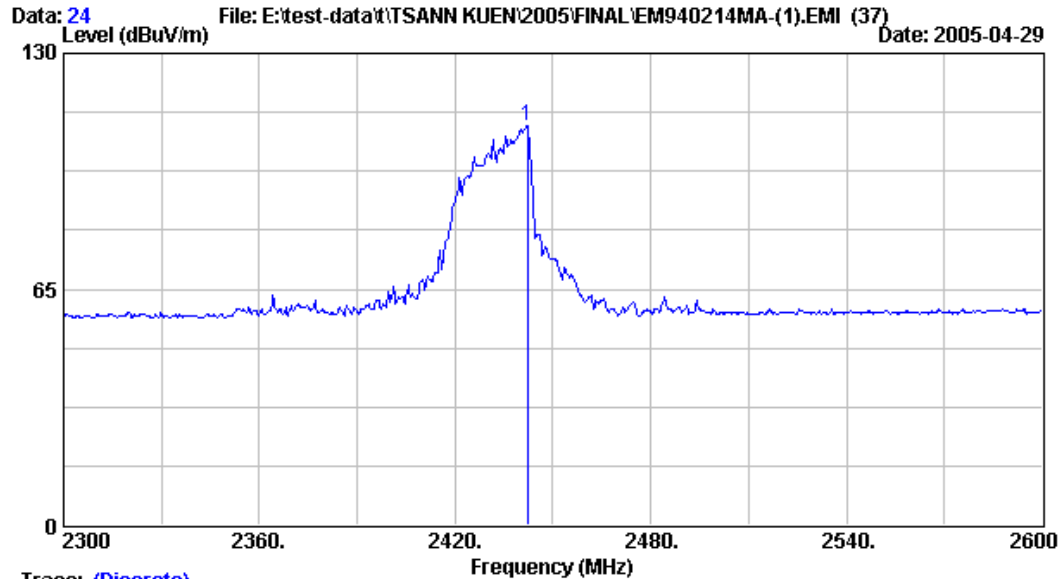
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 23
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 120V/60Hz		
Test Mode	: Max		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Toshiba , Type 2M231CH(EP)-A		

Voltage Variation: 80%, Voltage: 96V, Load: 1000ml



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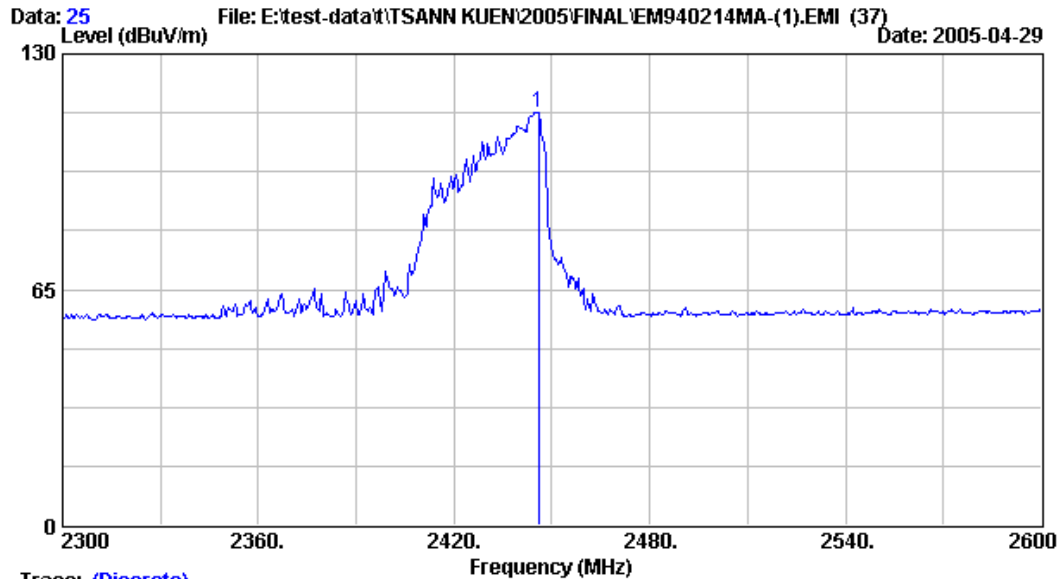


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 24
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 96V/60Hz		
Test Mode	: Max		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Toshiba , Type 2M231CH(EP)-A		

Voltage Variation: 125%, Voltage: 150V, Load: 1000ml

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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 25
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 150V/60Hz		
Test Mode	: Max		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Toshiba , Type 2M231CH(EP)-A		

EUT : Microwave Oven M/N : TSK-M1704ME
Magnetron : Witol. Type 2M315H

Test Date : May 06, 2005 Temperature : 21°C Humidity : 72%

5.4.9. The Variation of frequency with time

Frequency was measured at the rated input voltage (AC 120V).

Initial Load: 1000ml

Final Load: 200ml

Fundamental Frequency: 2464.1MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

Maximum Frequency Observed: 2447.6MHz

Minimum Frequency Observed: 2444.9MHz

Results: PASSED.

5.4.10. The Variation of frequency for line voltage

Variation of line voltage from 80% (96V) to 125% (150V)

Load: 1000ml

Fundamental Frequency: 2464.1MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

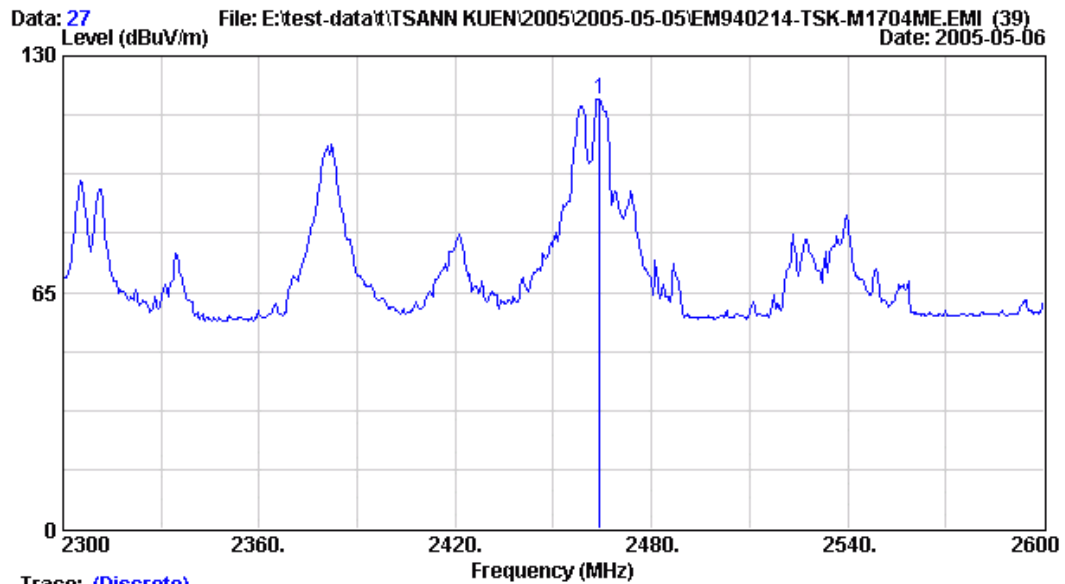
Maximum Frequency Observed: 2456.9MHz

Minimum Frequency Observed: 2452.7MHz

Results: PASSED.

Fundamental Frequency: 2464.1MHz

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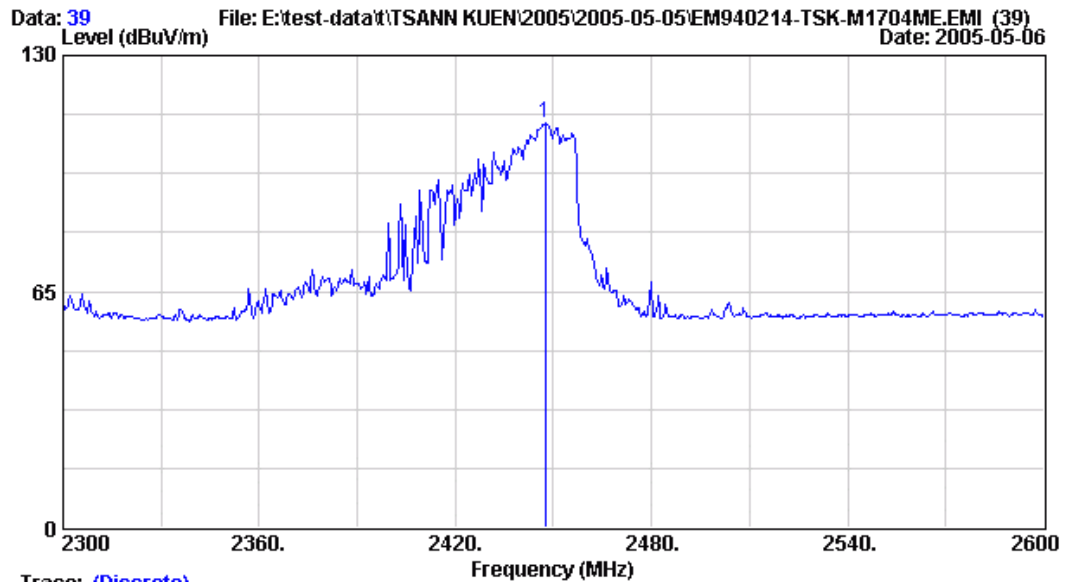


Site no.	: A/C Chamber	Data no.	: 27
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/72%	Engineer	: Roger Chou
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 120V/60Hz		
Test Mode	: High		
	No load		
	W/ Witol Type2M315H		

Load: 200ml, Voltage: 120V



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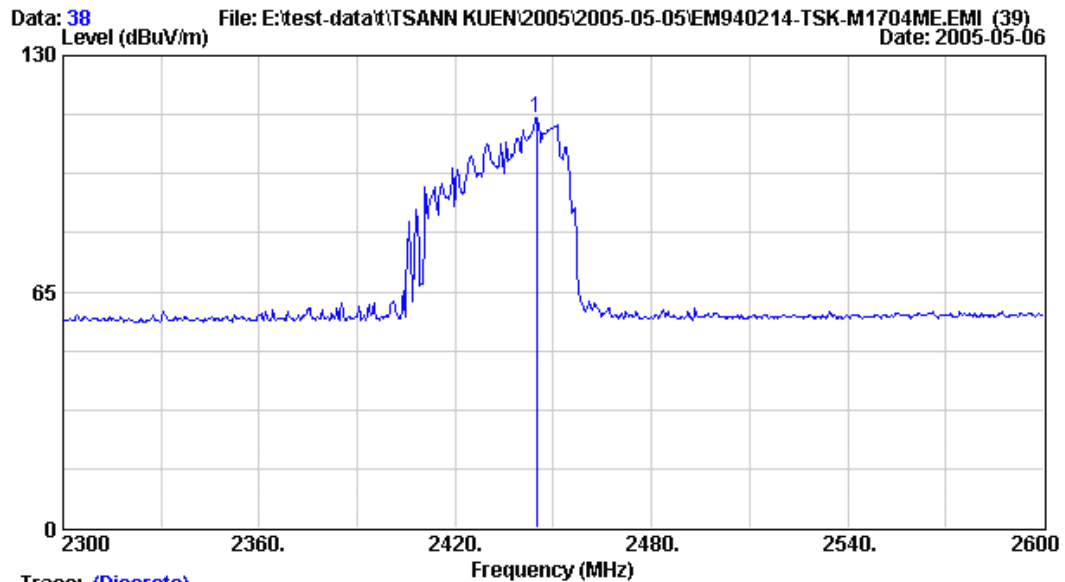


Site no.	: A/C Chamber	Data no.	: 39
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/72%	Engineer	: Roger Chou
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 120V/60Hz		
Test Mode	: High		
	200 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Witol Type2M315H		

Load: 1000ml, Voltage: 120V



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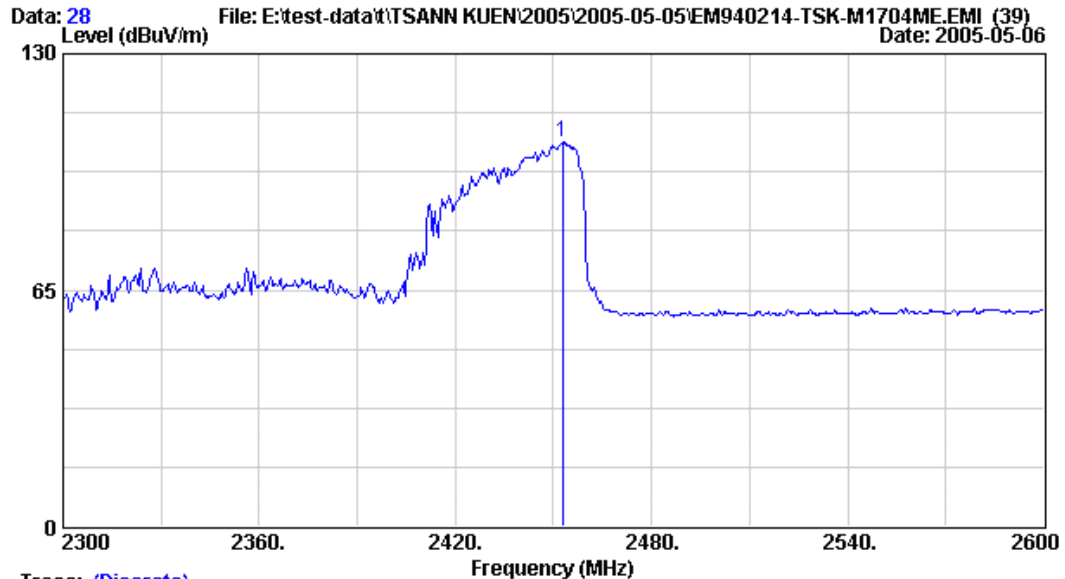


Site no.	: A/C Chamber	Data no.	: 38
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/72%	Engineer	: Roger Chou
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 120V/60Hz		
Test Mode	: High		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Witol Type2M315H		

Voltage Variation: 80%, Voltage: 96V, Load: 1000ml



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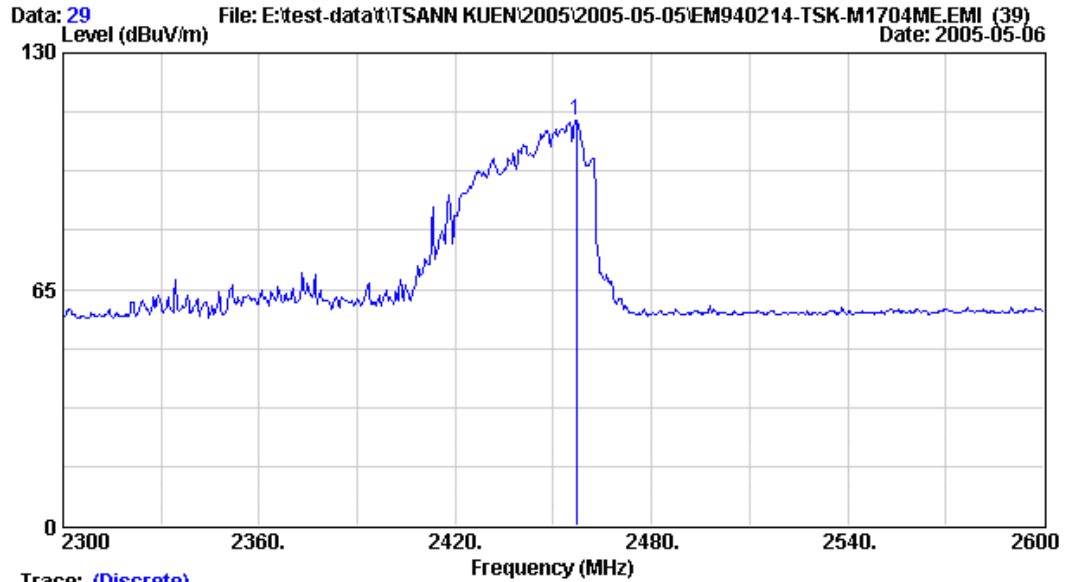


Site no.	: A/C Chamber	Data no.	: 28
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/72%	Engineer	: Roger Chou
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 96V/60Hz		
Test Mode	: High		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Witol Type2M315H		

Voltage Variation: 125%, Voltage: 150V, Load: 1000ml



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Site no.	: A/C Chamber	Data no.	: 29
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 21°C/72%	Engineer	: Roger Chou
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 150V/60Hz		
Test Mode	: High		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Witol Type2M315H		

EUT : Microwave Oven M/N : TSK-M1704ME
Magnetron : Toshiba, Type 2M231CH(EP)-A

Test Date : May 06, 2005 Temperature : 21°C Humidity : 72%

5.4.11. The Variation of frequency with time

Frequency was measured at the rated input voltage (AC 120V).

Initial Load: 1000ml

Final Load: 200ml

Fundamental Frequency: 2454.8MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

Maximum Frequency Observed: 2448.2MHz

Minimum Frequency Observed: 2446.4MHz

Results: PASSED.

5.4.12. The Variation of frequency for line voltage

Variation of line voltage from 80% (96V) to 125% (150V)

Load: 1000ml

Fundamental Frequency: 2454.8MHz

Limit: $2.4\text{GHz} < f < 2.5\text{GHz}$

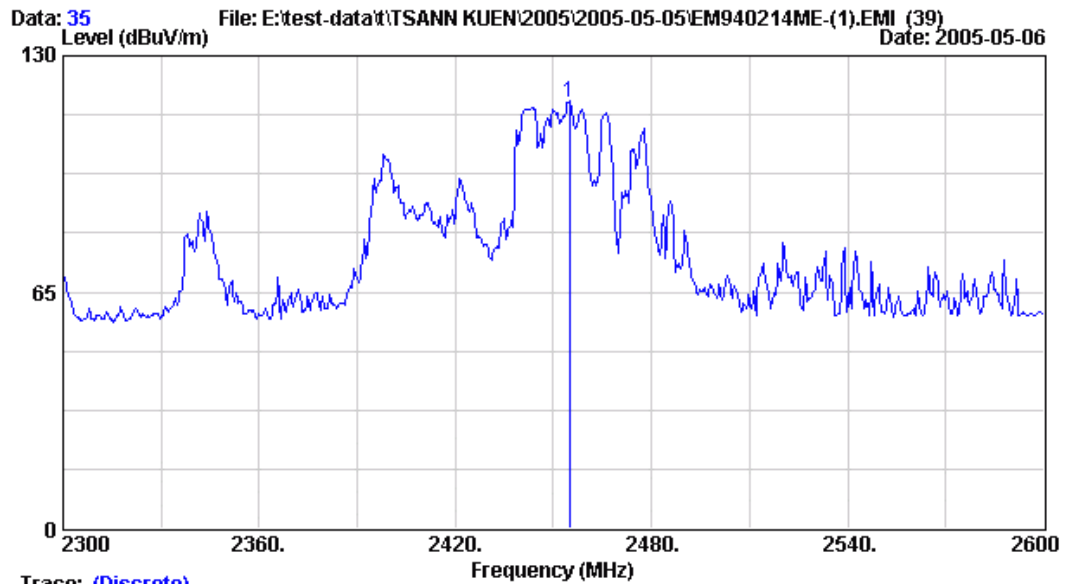
Maximum Frequency Observed: 2444.9MHz

Minimum Frequency Observed: 2443.7MHz

Results: PASSED.

Fundamental Frequency: 2454.8MHz

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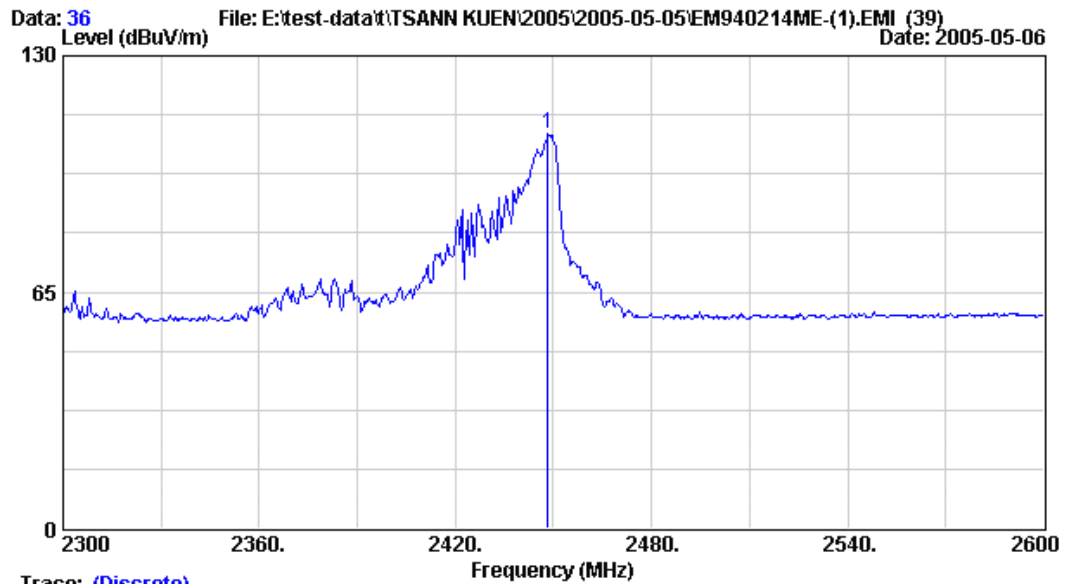
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 35
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 120V/60Hz		
Test Mode	: High		
	No load		
	W/ Toshiba , Type 2M231CH(EP)-A		

Load: 200ml, Voltage: 120V



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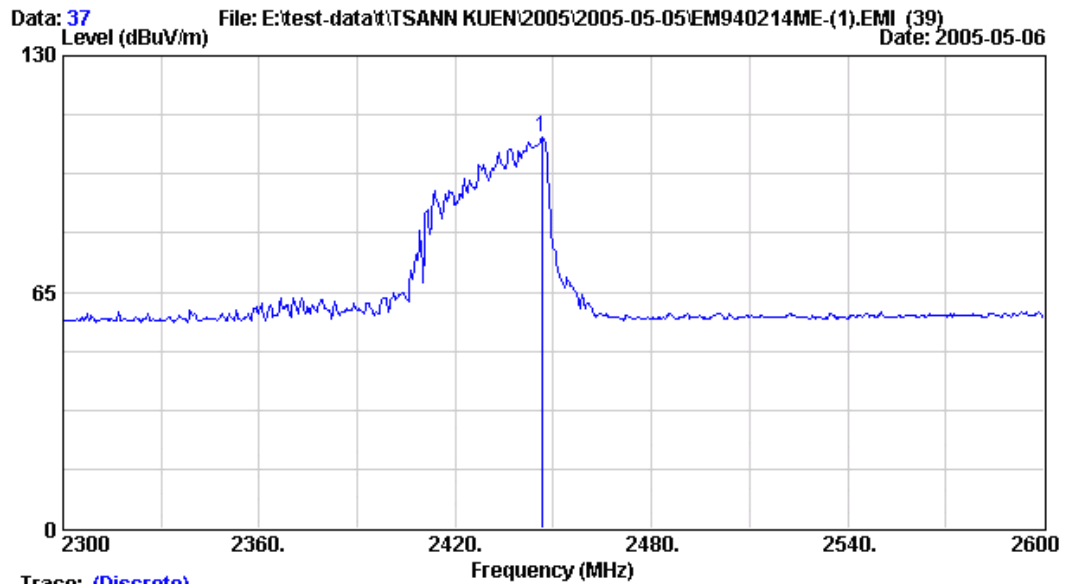
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 36
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 120V/60Hz		
Test Mode	: High		
	200 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Toshiba , Type 2M231CH(EP)-A		

Load: 1000ml, Voltage: 120V



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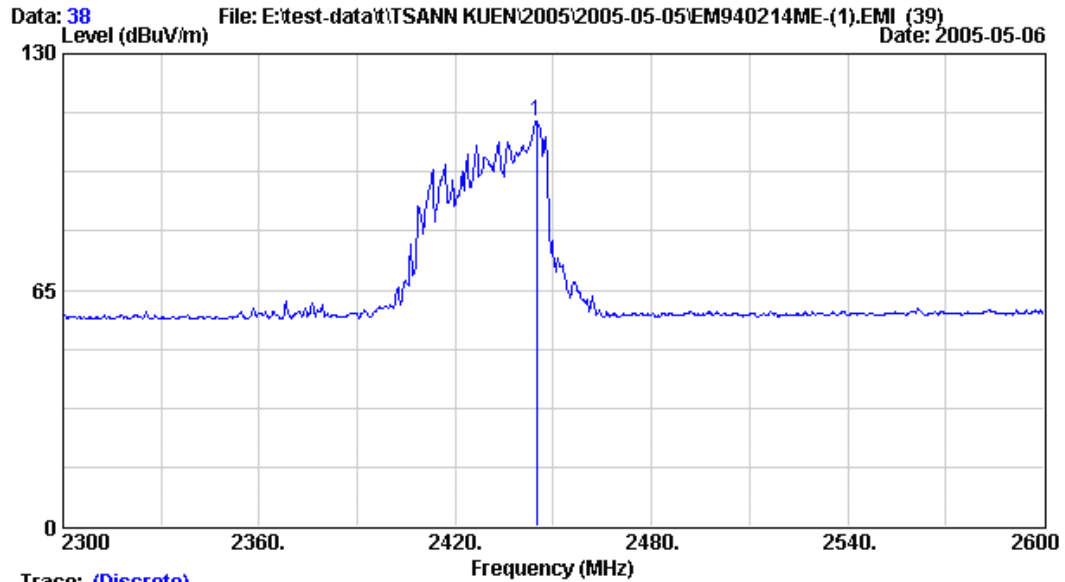
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 37
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 120V/60Hz		
Test Mode	: High		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Toshiba , Type 2M231CH(EP)-A		

Voltage Variation: 80%, Voltage: 96V, Load: 1000ml



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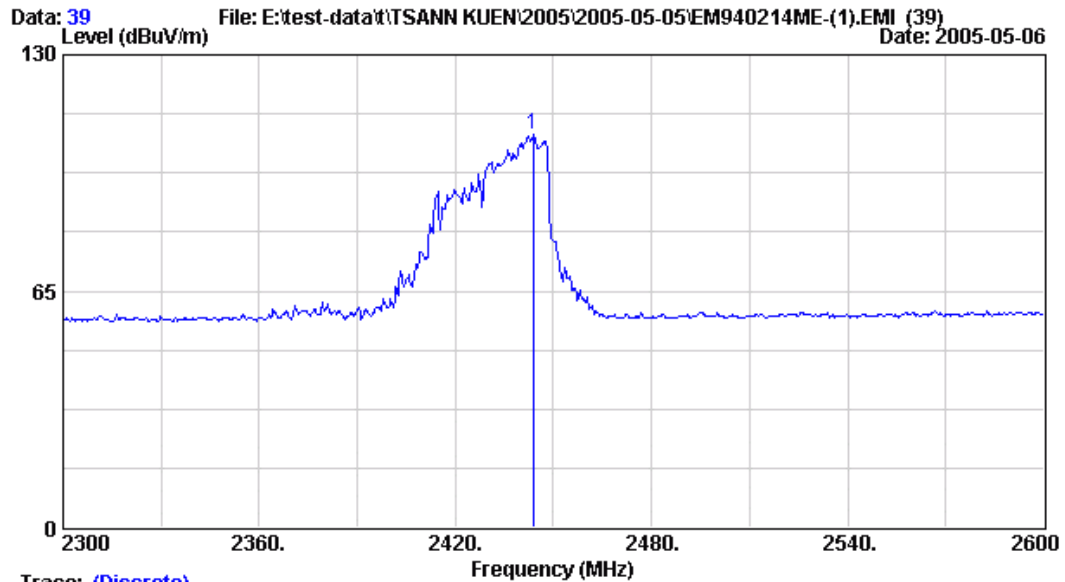


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 38
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 96V/60Hz		
Test Mode	: High		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Toshiba , Type 2M231CH(EP)-A		

Voltage Variation: 125%, Voltage: 150V, Load: 1000ml

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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 39
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	:		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 150V/60Hz		
Test Mode	: High		
	1000 milliliters of waters in the beaker		
	located in the center of the oven		
	W/ Toshiba , Type 2M231CH(EP)-A		

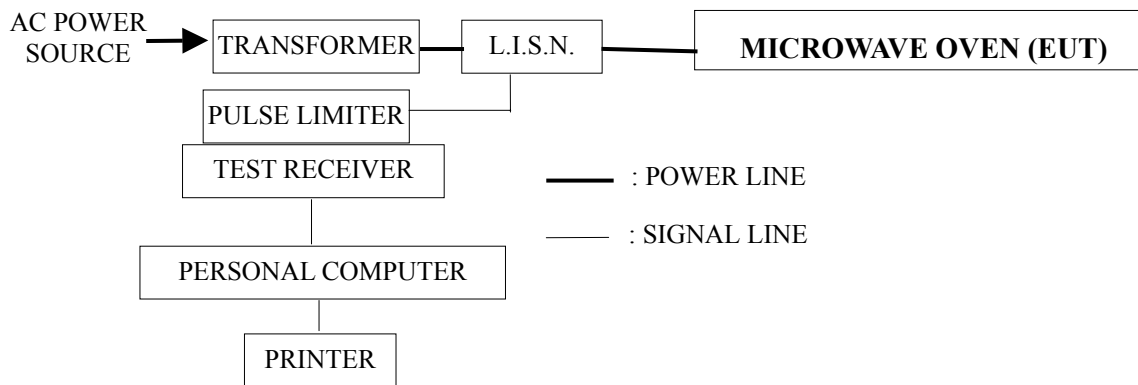
6. CONDUCTED EMISSION MEASUREMENT

6.1. Test Equipment

The following test equipment was used during the conducted emission measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R&S	ESCS30	100265	Oct. 04, 04'	Oct. 03, 05'
2.	L.I.S.N.	Kyoritsu	KNW-407	8-855-9	Apr. 19, 05'	Apr. 18, 06'
3.	Pulse Limiter	R&S	ESH3Z2	001	Apr. 08, 05'	Apr. 07, 06'

6.2. Test Setup



6.3. Conduction Limits [18.307(b)]

Frequency of Emission	Maximum RF Line Voltage	
	Quasi-Peak Level	Average Level
150kHz ~ 500kHz	66 ~ 56 dB μ V*	56 ~ 46 dB μ V*
500kHz ~ 5MHz	56 dB μ V	46 dB μ V
5MHz ~ 30MHz	60 dB μ V	50 dB μ V

Remark1.: If the average limit is met when using a Quasi-Peak detector, the EUT shall be deemed to meet both limits and measurement with the average detector is unnecessary.

2.: * Decreases with the logarithm of the frequency.

6.4. Operating Condition of EUT

- 6.4.1. Setup the EUT and simulator as shown on 6.2.
- 6.4.2. Turned on the power of all equipment.
- 6.4.3. The Microwave Oven (EUT) was set in test modes, and all the test modes are listed in section 6.6.

6.5. Test Procedure

The EUT was put on table which was above the ground by 80cm and its power cord was connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provided a 50 ohm coupling impedance for the measuring equipment. (Please refer to the block diagram of the test setup and photographs.) Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions simulators of the interface cables were manipulated according to FCC PART 18 during conducted measurement.

The bandwidth of the R&S Test Receiver ESCS30 was set at 9kHz.

The frequency range from 0.15MHz to 30MHz was pre-scanned with a peak detector. The all final readings from test receiver were measured with Quasi-Peak detector and Average detector. (Remark: If the Average limit is met when using a Quasi-Peak detector, the Average detector is unnecessary)

6.6. Conducted Emission Measurement Results

PASSED. All emissions not reported below are too low against the prescribed limits.

6.6.1. EUT : Microwave Oven M/N : TSK-M1702BME

Magnetron : Matsushita, Type 2M211A-M2J

EUT with following test modes were performed during conducted testing and all the test results are attached in next pages.

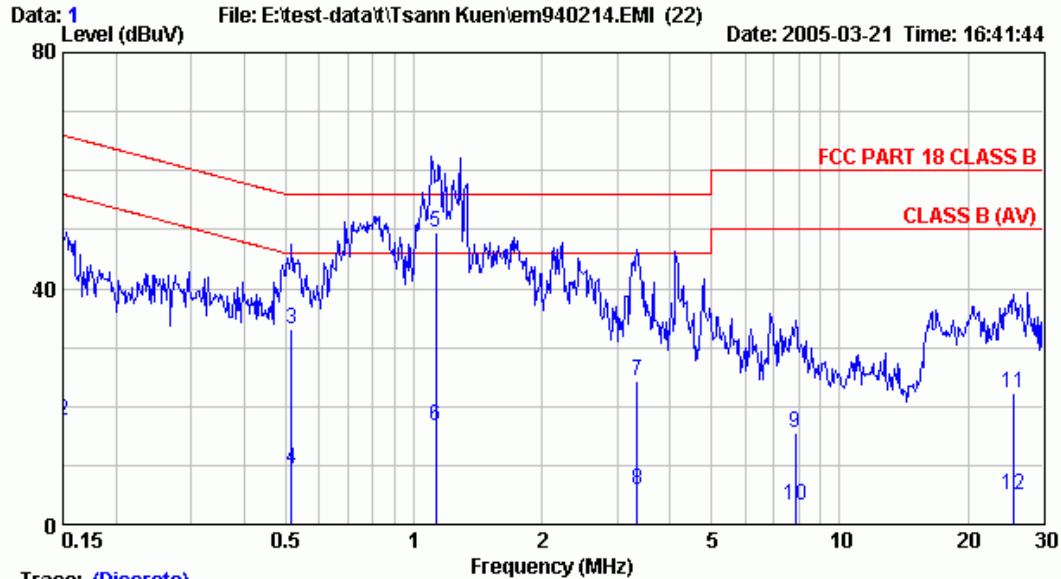
Test Date : Mar. 21, 2005 Temperature : 19°C Humidity : 64%

The details of test mode and reference test data are as follows :

NO.	Test Mode	Reference Test Data No.	
		Line	Neutral
1.	Popcom	# 1	# 2
2.	Beverage	# 3	# 4
3.	Soup	# 7	# 8
4.	Cass	# 9	# 10
5.	Sing	# 11	# 12
6.	Auto Defrost	# 5	# 6



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Trace: (Discrete)

Site : No.2 Shielded room Data : 1
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702BME
Power Rating : 120Vac/60Hz
Test Mode : Popcorn

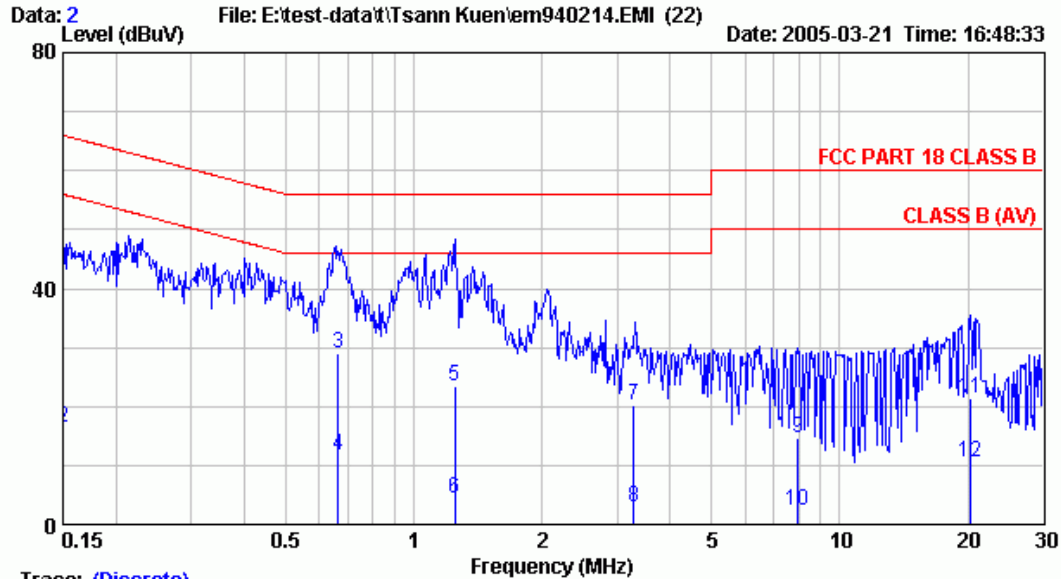
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.150	0.10	0.24	33.55	33.89	66.00	32.11	QP
2	0.150	0.10	0.24	17.20	17.54	56.00	38.46	AVERAGE
3	0.516	0.13	0.34	32.78	33.25	56.00	22.75	QP
4	0.516	0.13	0.34	9.00	9.47	46.00	36.53	AVERAGE
5	1.129	0.20	0.40	48.80	49.40	56.00	6.60	QP
6	1.129	0.20	0.40	16.13	16.73	46.00	29.27	AVERAGE
7	3.347	0.20	0.40	23.71	24.31	56.00	31.69	QP
8	3.347	0.20	0.40	5.37	5.97	46.00	40.03	AVERAGE
9	7.849	0.27	0.62	14.68	15.57	60.00	44.43	QP
10	7.849	0.27	0.62	2.32	3.21	50.00	46.79	AVERAGE
11	25.595	0.49	0.70	21.15	22.34	60.00	37.66	QP
12	25.595	0.49	0.70	3.69	4.88	50.00	45.12	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.

2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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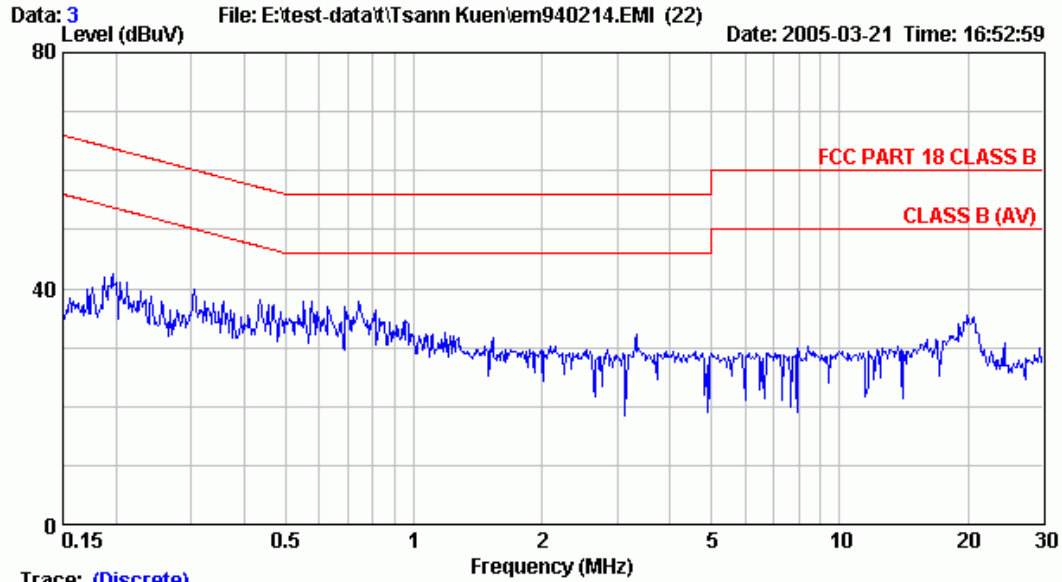
Site : No.2 Shielded room Data : 2
Condition : ESH2-Z5 Phase : NEUTRAL
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702BME
Power Rating : 120Vac/60Hz
Test Mode : Popcorn

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.150	0.10	0.24	34.90	35.24	66.00	30.76	QP
2	0.150	0.10	0.24	16.06	16.40	56.00	39.60	AVERAGE
3	0.666	0.16	0.36	28.59	29.11	56.00	26.89	QP
4	0.666	0.16	0.36	11.22	11.74	46.00	34.26	AVERAGE
5	1.247	0.20	0.40	22.87	23.47	56.00	32.53	QP
6	1.247	0.20	0.40	3.78	4.38	46.00	41.62	AVERAGE
7	3.290	0.20	0.40	19.72	20.32	56.00	35.68	QP
8	3.290	0.20	0.40	2.25	2.85	46.00	43.15	AVERAGE
9	7.977	0.28	0.63	13.77	14.67	60.00	45.33	QP
10	7.977	0.28	0.63	1.32	2.22	50.00	47.78	AVERAGE
11	20.288	0.50	0.70	20.26	21.46	60.00	38.54	QP
12	20.288	0.50	0.70	9.48	10.68	50.00	39.32	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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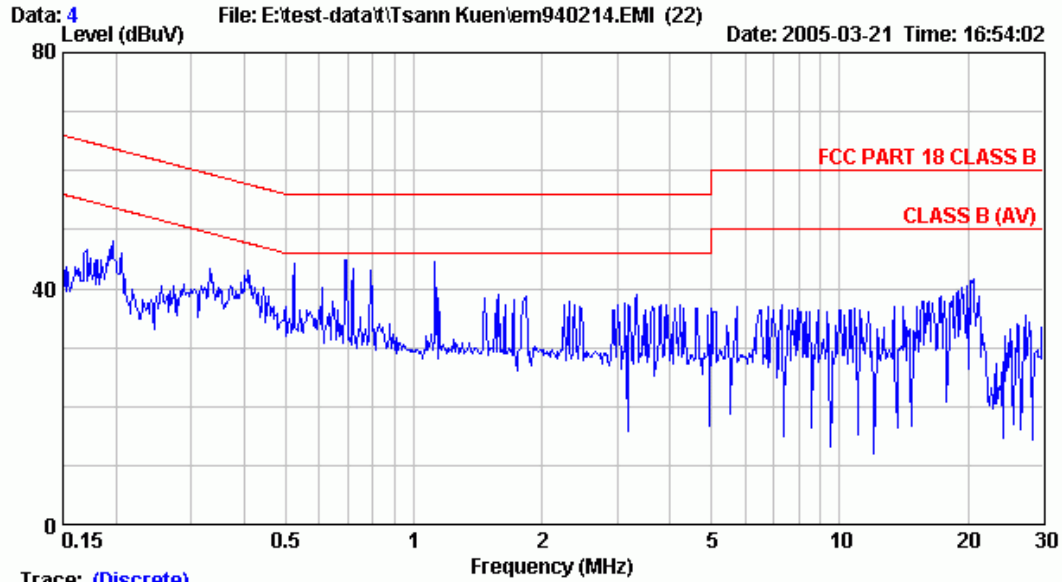


Trace: (Discrete)

Site	: No.2 Shielded room	Data	: 3
Condition	: ESH2-Z5	Phase	: LINE
Limit	: FCC PART 18 CLASS B		
Env. / Ins.	: 19°C, 64% / ESCS 30	Engineer:	Cater Chou
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Beverage		



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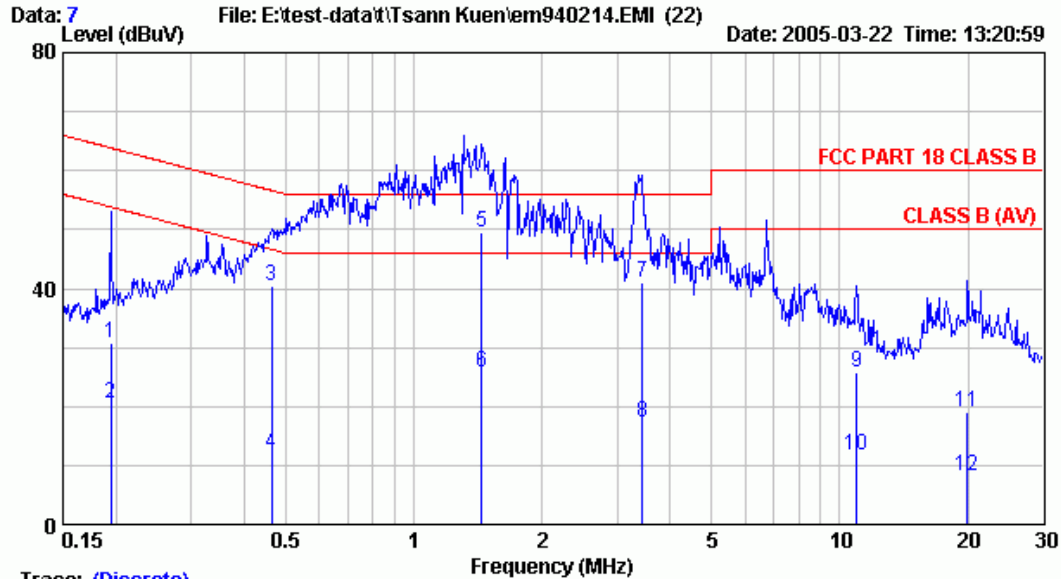


Trace: (Discrete)

Site	: No.2 Shielded room	Data	: 4
Condition	: ESH2-Z5	Phase	: NEUTRAL
Limit	: FCC PART 18 CLASS B		
Env. / Ins.	: 19°C, 64% / ESCS 30	Engineer:	Cater Chou
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Beverage		



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Trace: (Discrete)

Site : No.2 Shielded room Data : 7

Condition : ESH2-Z5 Phase : LINE

Limit : FCC PART 18 CLASS B

Env. / Ins. : 19°C, 64% / ESCS 30 Engineer: Cater Chou

EUT : Microwave Oven M/N:TSK-M1702BME

Power Rating : 120Vac/60Hz

Test Mode : soup

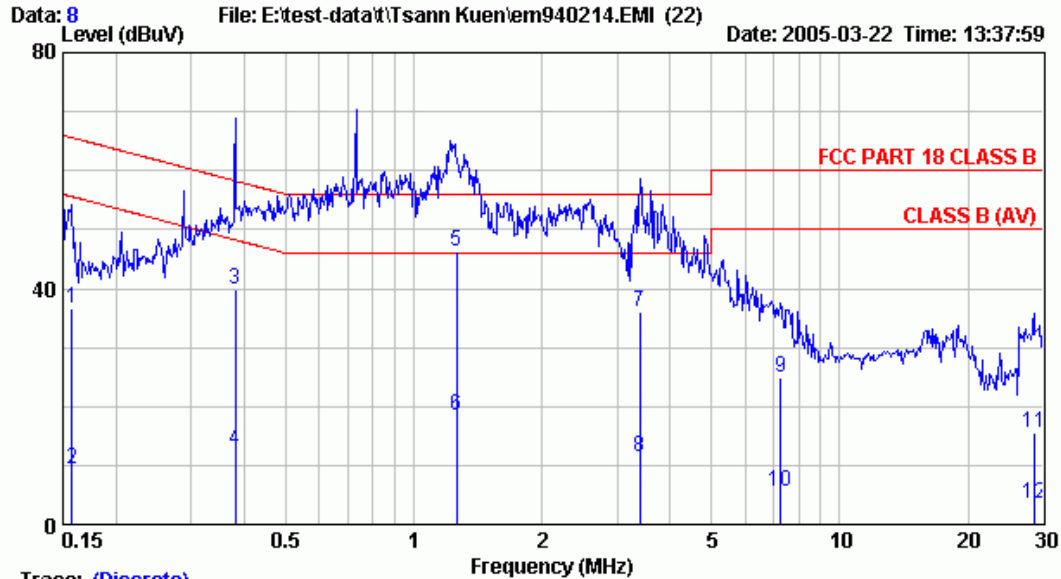
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.194	0.10	0.26	30.45	30.81	63.85	33.04	QP
2	0.194	0.10	0.26	20.27	20.63	53.85	33.22	AVERAGE
3	0.464	0.12	0.33	40.06	40.51	56.63	16.12	QP
4	0.464	0.12	0.33	11.70	12.15	46.63	34.48	AVERAGE
5	1.440	0.20	0.40	48.85	49.45	56.00	6.55	QP
6	1.440	0.20	0.40	25.09	25.69	46.00	20.31	AVERAGE
7	3.438	0.20	0.40	40.56	41.16	56.00	14.84	QP
8	3.438	0.20	0.40	16.56	17.16	46.00	28.84	AVERAGE
9	10.957	0.32	0.70	24.65	25.67	60.00	34.33	QP
10	10.957	0.32	0.70	10.69	11.71	50.00	38.29	AVERAGE
11	19.950	0.70	0.70	17.55	18.95	60.00	41.05	QP
12	19.950	0.70	0.70	6.77	8.17	50.00	41.83	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.

2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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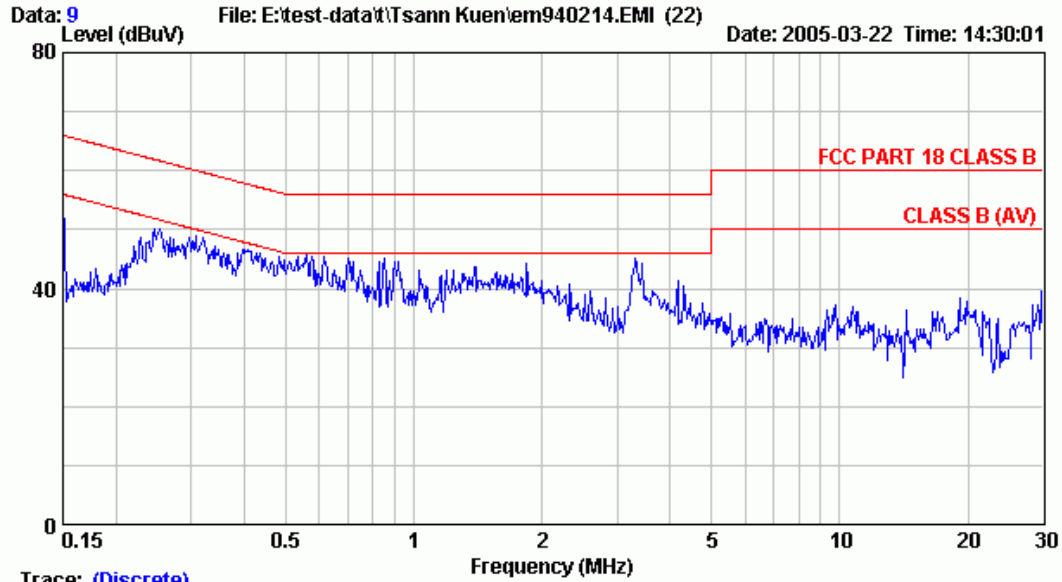
Site : No.2 Shielded room Data : 8
Condition : ESH2-Z5 Phase : NEUTRAL
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702BME
Power Rating : 120Vac/60Hz
Test Mode : soup

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.157	0.10	0.24	36.15	36.49	65.61	29.12	QP
2	0.157	0.10	0.24	8.99	9.33	55.61	46.28	AVERAGE
3	0.381	0.10	0.32	39.44	39.86	58.26	18.40	QP
4	0.381	0.10	0.32	12.17	12.59	48.26	35.67	AVERAGE
5	1.257	0.20	0.40	45.70	46.30	56.00	9.70	QP
6	1.257	0.20	0.40	17.90	18.50	46.00	27.50	AVERAGE
7	3.399	0.20	0.40	35.32	35.92	56.00	20.08	QP
8	3.399	0.20	0.40	10.70	11.30	46.00	34.70	AVERAGE
9	7.254	0.27	0.59	24.16	25.02	60.00	34.98	QP
10	7.254	0.27	0.59	4.58	5.44	50.00	44.56	AVERAGE
11	28.591	0.43	0.70	14.26	15.39	60.00	44.61	QP
12	28.591	0.43	0.70	2.48	3.61	50.00	46.39	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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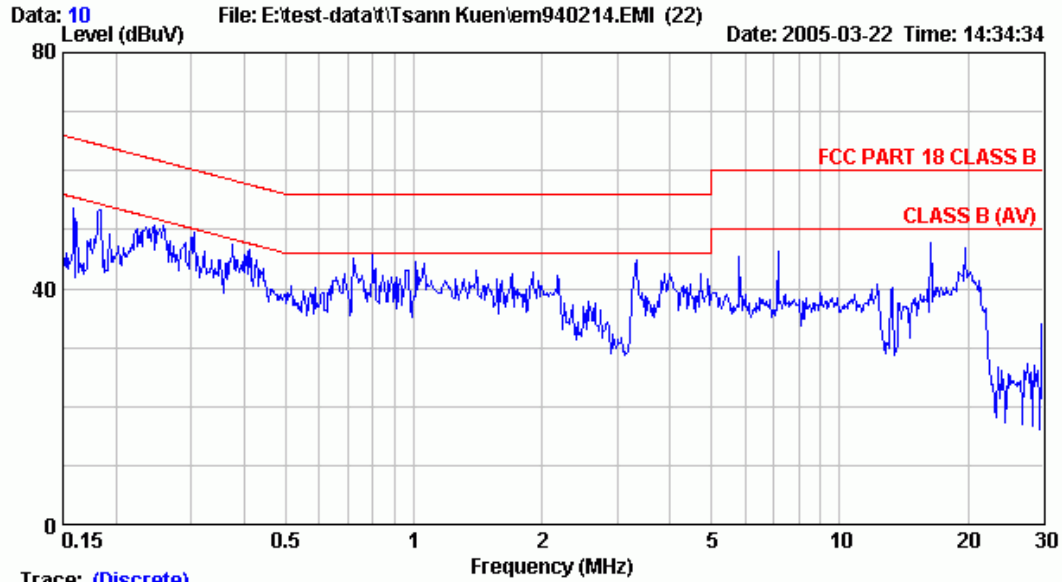


Trace: (Discrete)

Site	: No.2 Shielded room	Data	: 9
Condition	: ESH2-Z5	Phase	: LINE
Limit	: FCC PART 18 CLASS B		
Env. / Ins.	: 19°C, 64% / ESCS 30	Engineer:	Cater Chou
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: CASS		



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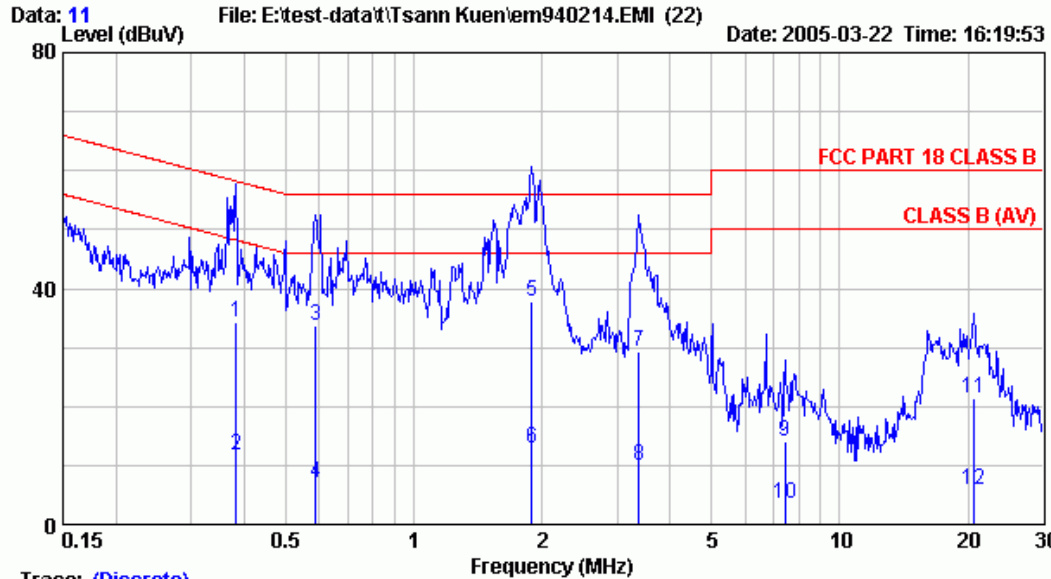


Trace: (Discrete)

Site	: No.2 Shielded room	Data	: 10
Condition	: ESH2-Z5	Phase	: NEUTRAL
Limit	: FCC PART 18 CLASS B		
Env. / Ins.	: 19°C, 64% / ESCS 30	Engineer:	Cater Chou
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: CASS		



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Trace: (Discrete)

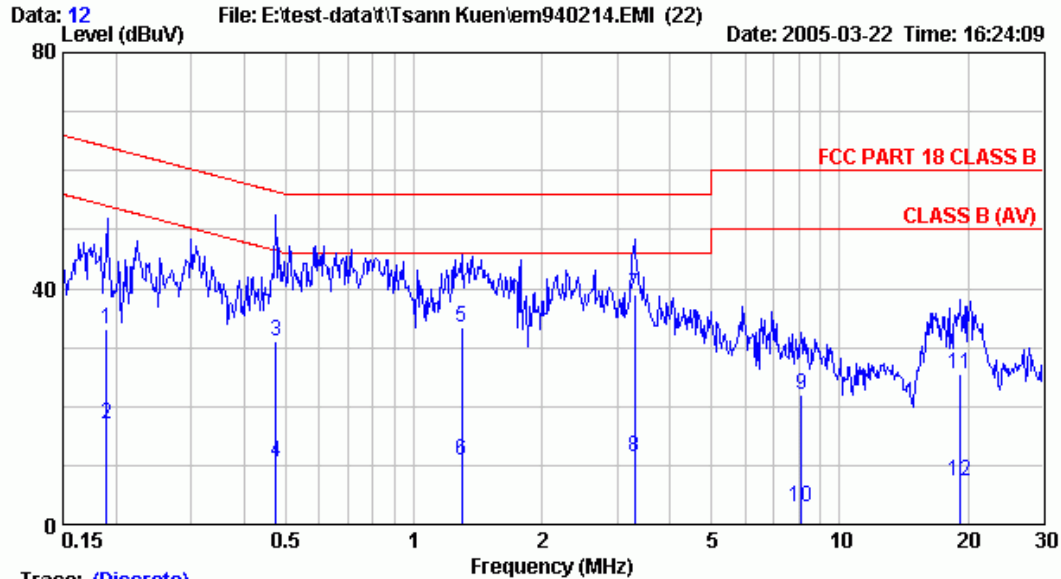
Site : No.2 Shielded room Data : 11
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C, 64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702BME
Power Rating : 120Vac/60Hz
Test Mode : sing

		LISN	Cable	Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)		
1	0.384	0.10	0.32	33.74	34.16	58.20	24.04	QP
2	0.384	0.10	0.32	11.38	11.80	48.20	36.40	AVERAGE
3	0.589	0.14	0.35	33.31	33.81	56.00	22.19	QP
4	0.589	0.14	0.35	6.47	6.97	46.00	39.03	AVERAGE
5	1.889	0.20	0.40	37.25	37.85	56.00	18.15	QP
6	1.889	0.20	0.40	12.24	12.84	46.00	33.16	AVERAGE
7	3.380	0.20	0.40	28.57	29.17	56.00	26.83	QP
8	3.380	0.20	0.40	9.43	10.03	46.00	35.97	AVERAGE
9	7.450	0.27	0.60	13.20	14.07	60.00	45.93	QP
10	7.450	0.27	0.60	2.75	3.62	50.00	46.38	AVERAGE
11	20.593	0.73	0.70	20.01	21.44	60.00	38.56	QP
12	20.593	0.73	0.70	4.48	5.91	50.00	44.09	AVERAGE

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Trace: (Discrete)

Site : No.2 Shielded room Data : 12
Condition : ESH2-Z5 Phase : NEUTRAL
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C, 64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702BME
Power Rating : 120Vac/60Hz
Test Mode : sing

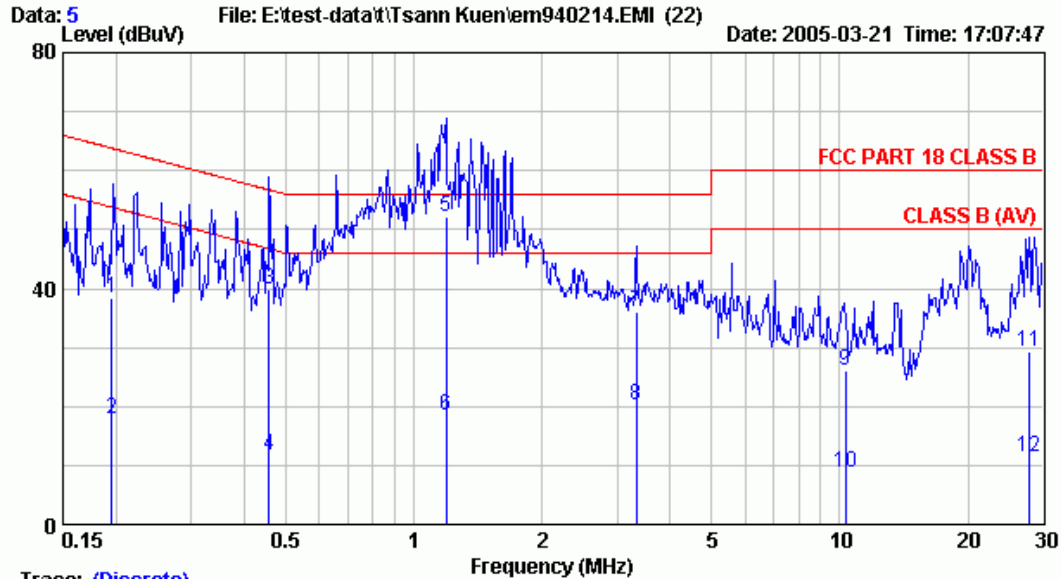
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.190	0.10	0.26	32.63	32.99	64.02	31.04	QP
2	0.190	0.10	0.26	16.50	16.86	54.02	37.17	AVERAGE
3	0.474	0.12	0.34	30.55	31.00	56.45	25.45	QP
4	0.474	0.12	0.34	10.01	10.46	46.45	35.99	AVERAGE
5	1.296	0.20	0.40	32.81	33.41	56.00	22.59	QP
6	1.296	0.20	0.40	10.37	10.97	46.00	35.03	AVERAGE
7	3.294	0.20	0.40	38.36	38.96	56.00	17.04	QP
8	3.294	0.20	0.40	10.91	11.51	46.00	34.49	AVERAGE
9	8.110	0.28	0.63	20.99	21.90	60.00	38.10	QP
10	8.110	0.28	0.63	2.02	2.93	50.00	47.07	AVERAGE
11	19.217	0.49	0.70	24.43	25.62	60.00	34.38	QP
12	19.217	0.49	0.70	6.04	7.23	50.00	42.77	AVERAGE

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.

2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Trace: (Discrete)

Site : No.2 Shielded room Data : 5
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702BME
Power Rating : 120Vac/60Hz
Test Mode : Auto Defrost

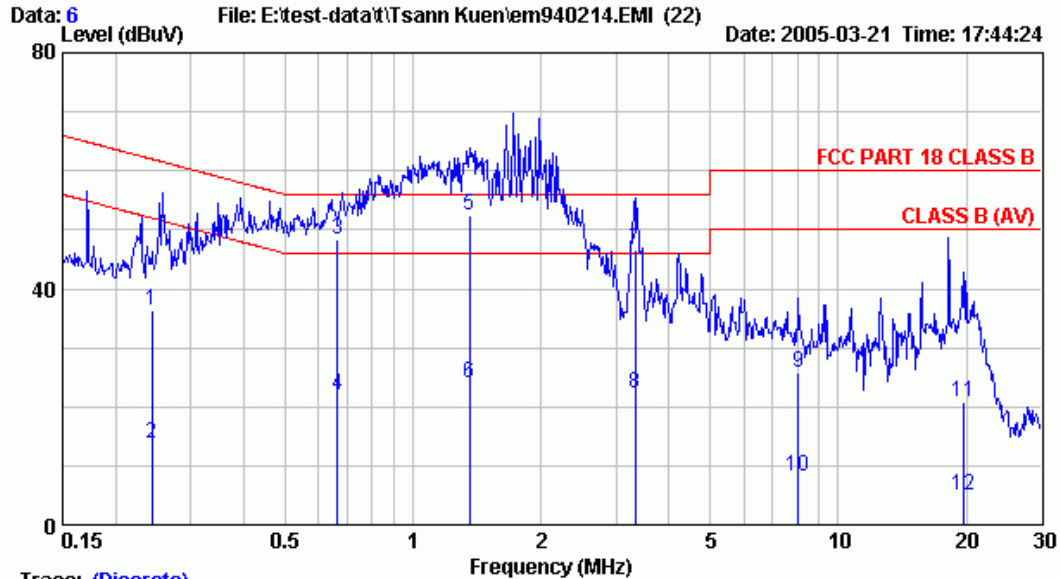
		LISN	Cable		Emission			
Freq.		Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)		(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)	
1	0.195	0.10	0.26	37.94	38.30	63.82	25.53	QP
2	0.195	0.10	0.26	17.57	17.93	53.82	35.90	AVERAGE
3	0.456	0.11	0.33	39.39	39.84	56.76	16.92	QP
4	0.456	0.11	0.33	11.30	11.75	46.76	35.01	AVERAGE
5	1.190	0.20	0.40	51.51	52.11	56.00	3.89	QP
6	1.190	0.20	0.40	17.74	18.34	46.00	27.66	AVERAGE
7	3.327	0.20	0.40	35.51	36.11	56.00	19.89	QP
8	3.327	0.20	0.40	19.64	20.24	46.00	25.76	AVERAGE
9	10.295	0.31	0.70	25.18	26.19	60.00	33.81	QP
10	10.295	0.31	0.70	7.66	8.67	50.00	41.33	AVERAGE
11	27.859	1.02	0.70	27.48	29.20	60.00	30.80	QP
12	27.859	1.02	0.70	9.80	11.52	50.00	38.48	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.

2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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Trace: (Discrete)

Site : No.2 Shielded room Data : 6

Condition : ESH2-Z5 Phase : NEUTRAL

Limit : FCC PART 18 CLASS B

Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou

EUT : Microwave Oven M/N:TSK-M1702BME

Power Rating : 120Vac/60Hz

Test Mode : Auto Defrost

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.244	0.10	0.28	36.00	36.38	61.98	25.60	QP
2	0.244	0.10	0.28	13.42	13.80	51.98	38.18	AVERAGE
3	0.665	0.16	0.36	47.91	48.43	56.00	7.57	QP
4	0.665	0.16	0.36	21.37	21.89	46.00	24.11	AVERAGE
5	1.360	0.20	0.40	51.98	52.58	56.00	3.42	QP
6	1.360	0.20	0.40	23.45	24.05	46.00	21.95	AVERAGE
7	3.330	0.20	0.40	45.92	46.52	56.00	9.48	QP
8	3.330	0.20	0.40	21.55	22.15	46.00	23.85	AVERAGE
9	8.060	0.28	0.63	24.87	25.77	60.00	34.23	QP
10	8.060	0.28	0.63	7.16	8.06	50.00	41.94	AVERAGE
11	19.640	0.49	0.70	19.49	20.68	60.00	39.32	QP
12	19.640	0.49	0.70	3.83	5.02	50.00	44.98	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.

2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

6.6.2. EUT : Microwave Oven M/N : TSK-M1702MA

Magnetron : Matsushita, Type 2M211A-M2J

EUT with following test modes were performed during conducted testing and all the test results are attached in next pages.

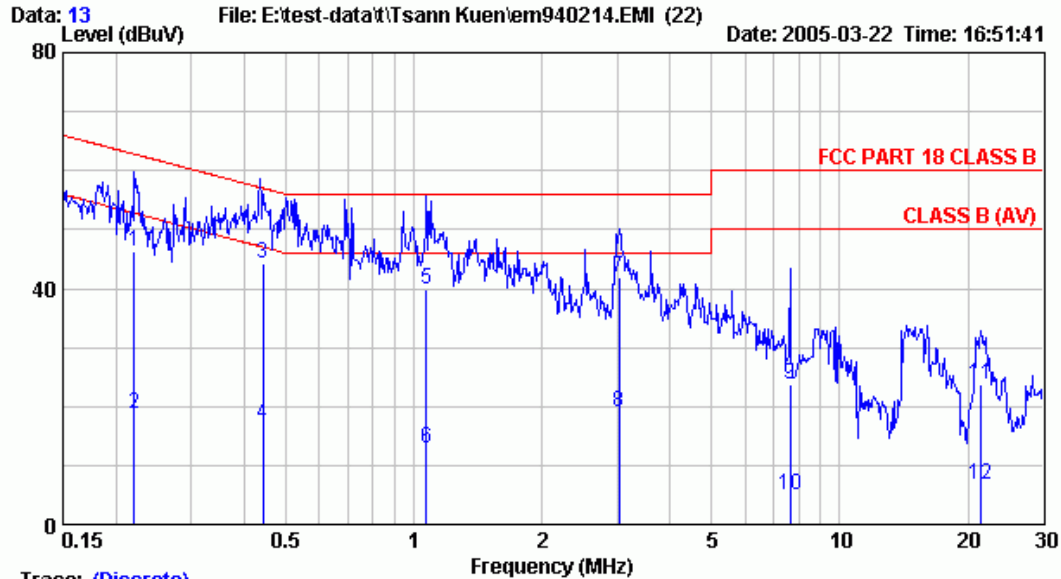
Test Date : Mar. 22, 2005 Temperature : 19°C Humidity : 64%

The details of test mode and reference test data are as follows :

NO.	Test Mode	Reference Test Data No.	
		Line	Neutral
1.	Heating	# 13	# 14
2.	Max.	# 21	# 22
3.	Mid.	# 19	# 20
4.	Min.	# 17	# 18
5.	Auto Defrost	# 15	# 16



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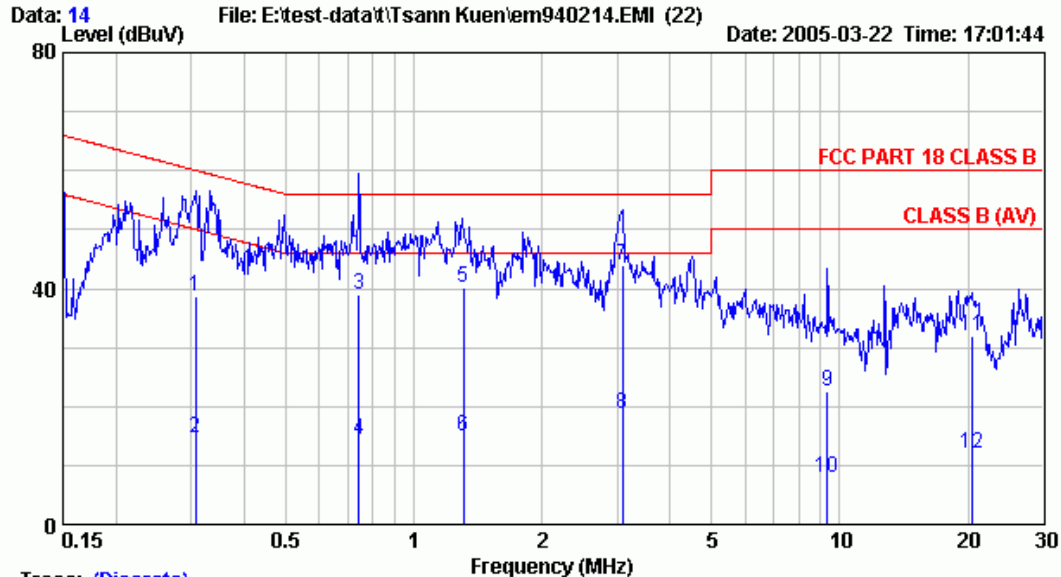
Site : No.2 Shielded room Data : 13
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : heating

		LISN	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)		
1	0.221	0.10	0.27	45.82	46.19	62.79	16.60	QP
2	0.221	0.10	0.27	18.27	18.64	52.79	34.15	AVERAGE
3	0.442	0.11	0.33	43.75	44.19	57.02	12.83	QP
4	0.442	0.11	0.33	16.66	17.10	47.02	29.92	AVERAGE
5	1.070	0.20	0.40	39.33	39.93	56.00	16.07	QP
6	1.070	0.20	0.40	12.34	12.94	46.00	33.06	AVERAGE
7	3.038	0.20	0.40	41.39	41.99	56.00	14.01	QP
8	3.038	0.20	0.40	18.34	18.94	46.00	27.06	AVERAGE
9	7.658	0.27	0.61	22.89	23.77	60.00	36.23	QP
10	7.658	0.27	0.61	4.22	5.10	50.00	44.90	AVERAGE
11	21.486	0.76	0.70	22.34	23.80	60.00	36.20	QP
12	21.486	0.76	0.70	5.27	6.73	50.00	43.27	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Trace: (Discrete)

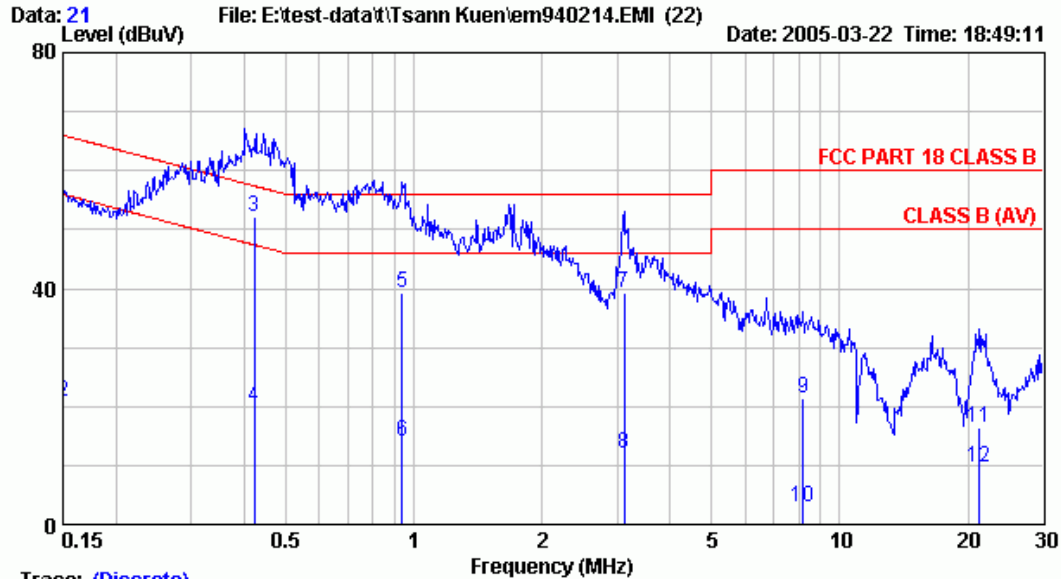
Site : No.2 Shielded room Data : 14
Condition : ESH2-Z5 Phase : NEUTRAL
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C, 64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N: TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : heating

		LISN	Cable	Emission				
Freq.		Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)		(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)	
1	0.307	0.10	0.30	38.37	38.77	60.06	21.29	QP
2	0.307	0.10	0.30	14.18	14.58	50.06	35.48	AVERAGE
3	0.743	0.17	0.37	38.54	39.08	56.00	16.92	QP
4	0.743	0.17	0.37	13.82	14.36	46.00	31.64	AVERAGE
5	1.307	0.20	0.40	39.56	40.16	56.00	15.84	QP
6	1.307	0.20	0.40	14.42	15.02	46.00	30.98	AVERAGE
7	3.093	0.20	0.40	43.45	44.05	56.00	11.95	QP
8	3.093	0.20	0.40	18.10	18.70	46.00	27.30	AVERAGE
9	9.346	0.29	0.68	21.62	22.59	60.00	37.41	QP
10	9.346	0.29	0.68	7.06	8.03	50.00	41.97	AVERAGE
11	20.394	0.50	0.70	30.69	31.89	60.00	28.11	QP
12	20.394	0.50	0.70	10.84	12.04	50.00	37.96	AVERAGE

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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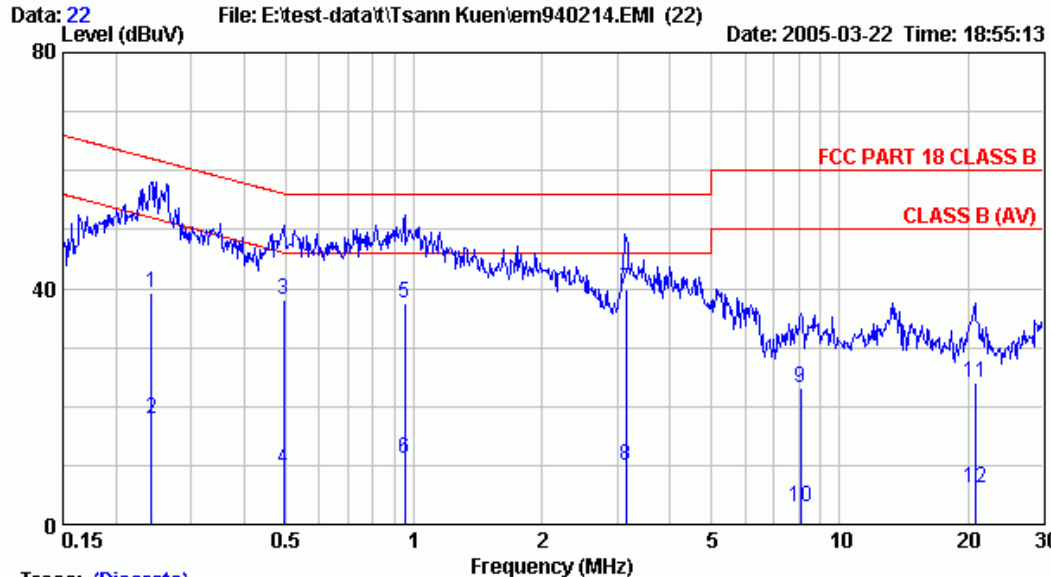
Site : No.2 Shielded room Data : 21
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C, 64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N: TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : max

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.151	0.10	0.24	44.93	45.27	65.96	20.70	QP
2	0.151	0.10	0.24	20.39	20.73	55.96	35.24	AVERAGE
3	0.422	0.11	0.32	51.86	52.29	57.41	5.12	QP
4	0.422	0.11	0.32	19.53	19.96	47.41	27.45	AVERAGE
5	0.938	0.19	0.39	38.74	39.33	56.00	16.67	QP
6	0.938	0.19	0.39	13.52	14.11	46.00	31.89	AVERAGE
7	3.120	0.20	0.40	38.80	39.40	56.00	16.60	QP
8	3.120	0.20	0.40	11.53	12.13	46.00	33.87	AVERAGE
9	8.189	0.28	0.63	20.61	21.52	60.00	38.48	QP
10	8.189	0.28	0.63	2.06	2.97	50.00	47.03	AVERAGE
11	21.260	0.76	0.70	15.07	16.53	60.00	43.47	QP
12	21.260	0.76	0.70	8.34	9.80	50.00	40.20	AVERAGE

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Trace: (Discrete)

Site : No.2 Shielded room Data : 22

Condition : ESH2-Z5 Phase : NEUTRAL

Limit : FCC PART 18 CLASS B

Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou

EUT : Microwave Oven M/N:TSK-M1702MA

Power Rating : 120Vac/60Hz

Test Mode : max

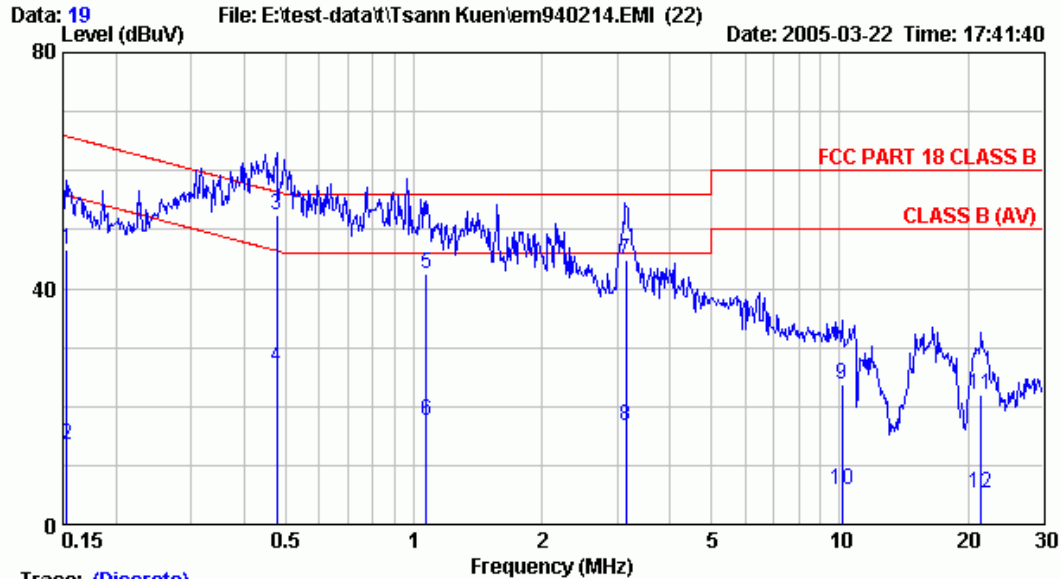
		LISN	Cable	Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)		
1	0.242	0.10	0.28	38.99	39.37	62.04	22.67	QP
2	0.242	0.10	0.28	17.53	17.91	52.04	34.13	AVERAGE
3	0.494	0.12	0.34	37.72	38.18	56.10	17.92	QP
4	0.494	0.12	0.34	8.77	9.23	46.10	36.87	AVERAGE
5	0.952	0.19	0.40	36.98	37.57	56.00	18.43	QP
6	0.952	0.19	0.40	10.41	11.00	46.00	35.00	AVERAGE
7	3.142	0.20	0.40	39.14	39.74	56.00	16.26	QP
8	3.142	0.20	0.40	9.49	10.09	46.00	35.91	AVERAGE
9	8.106	0.28	0.63	22.35	23.26	60.00	36.74	QP
10	8.106	0.28	0.63	2.16	3.07	50.00	46.93	AVERAGE
11	20.809	0.50	0.70	22.70	23.90	60.00	36.10	QP
12	20.809	0.50	0.70	5.02	6.22	50.00	43.78	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.

2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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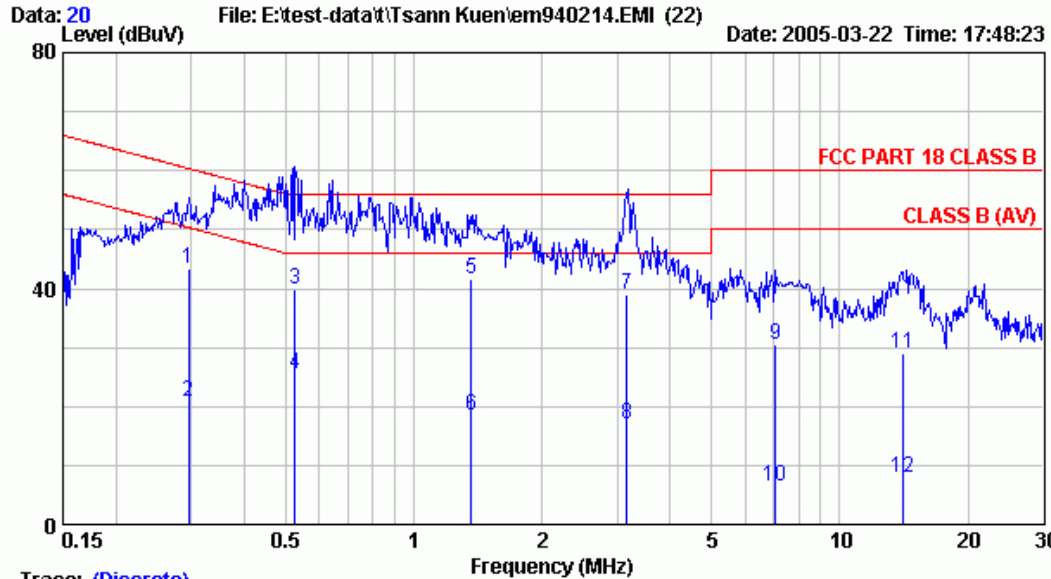
Site : No.2 Shielded room Data : 19
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : mid

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.153	0.10	0.24	46.20	46.54	65.82	19.29	QP
2	0.153	0.10	0.24	13.05	13.39	55.82	42.44	AVERAGE
3	0.476	0.12	0.34	51.97	52.42	56.41	3.98	QP
4	0.476	0.12	0.34	26.07	26.52	46.41	19.88	AVERAGE
5	1.070	0.20	0.40	41.88	42.48	56.00	13.52	QP
6	1.070	0.20	0.40	16.91	17.51	46.00	28.49	AVERAGE
7	3.144	0.20	0.40	44.18	44.78	56.00	11.22	QP
8	3.144	0.20	0.40	16.04	16.64	46.00	29.36	AVERAGE
9	10.125	0.30	0.70	22.66	23.66	60.00	36.34	QP
10	10.125	0.30	0.70	4.97	5.97	50.00	44.03	AVERAGE
11	21.486	0.76	0.70	20.53	21.99	60.00	38.01	QP
12	21.486	0.76	0.70	3.87	5.33	50.00	44.67	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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Site : No.2 Shielded room Data : 20
Condition : ESH2-Z5 Phase : NEUTRAL
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : mid

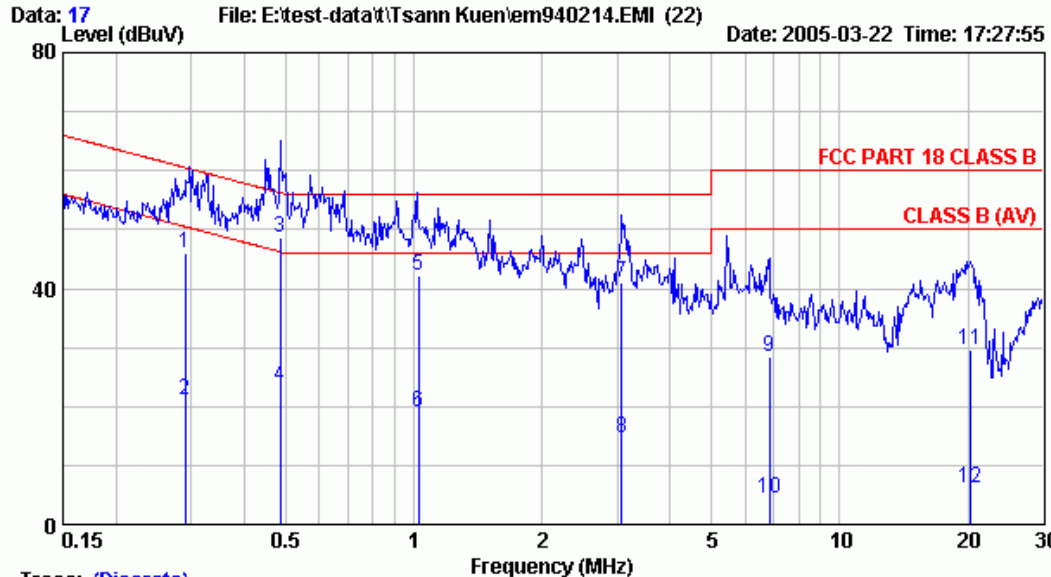
		LISN	Cable	Emission				
Freq.		Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)		(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)	
1	0.296	0.10	0.29	42.97	43.36	60.37	17.00	QP
2	0.296	0.10	0.29	20.47	20.86	50.37	29.50	AVERAGE
3	0.527	0.13	0.34	39.26	39.73	56.00	16.27	QP
4	0.527	0.13	0.34	25.14	25.61	46.00	20.39	AVERAGE
5	1.366	0.20	0.40	40.89	41.49	56.00	14.51	QP
6	1.366	0.20	0.40	17.79	18.39	46.00	27.61	AVERAGE
7	3.164	0.20	0.40	38.27	38.87	56.00	17.13	QP
8	3.164	0.20	0.40	16.49	17.09	46.00	28.91	AVERAGE
9	7.056	0.26	0.59	29.70	30.55	60.00	29.45	QP
10	7.056	0.26	0.59	5.69	6.54	50.00	43.46	AVERAGE
11	14.060	0.38	0.70	27.80	28.88	60.00	31.12	QP
12	14.060	0.38	0.70	6.92	8.00	50.00	42.00	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.

2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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Site : No.2 Shielded room Data : 17
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C, 64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N: TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : min

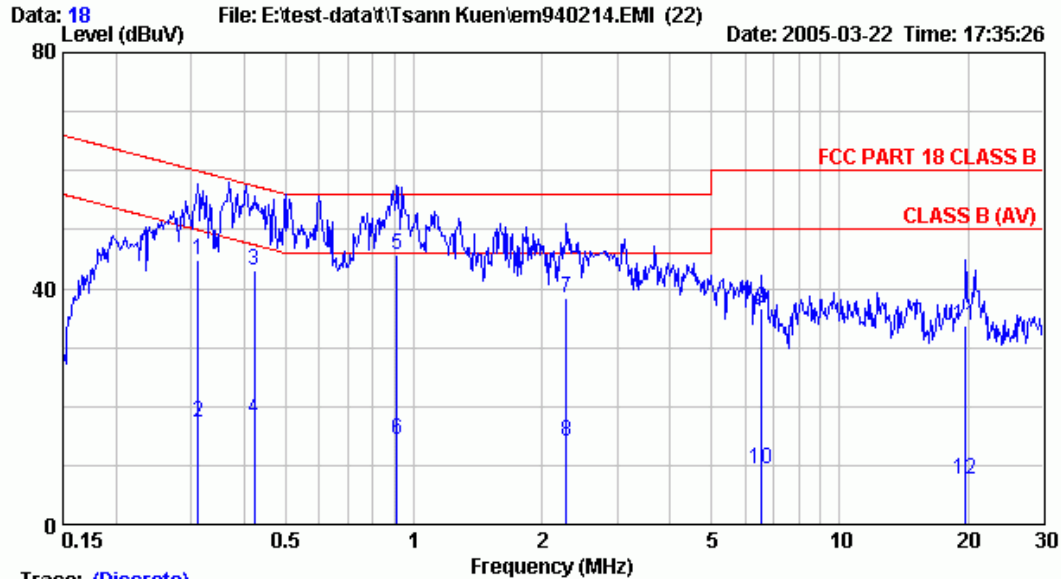
		LISN	Cable		Emission			
Freq.		Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)		(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)	
1	0.291	0.10	0.29	45.66	46.05	60.51	14.46	QP
2	0.291	0.10	0.29	20.82	21.21	50.51	29.30	AVERAGE
3	0.486	0.12	0.34	48.13	48.59	56.23	7.64	QP
4	0.486	0.12	0.34	23.08	23.54	46.23	22.69	AVERAGE
5	1.028	0.20	0.40	41.57	42.17	56.00	13.83	QP
6	1.028	0.20	0.40	18.48	19.08	46.00	26.92	AVERAGE
7	3.069	0.20	0.40	40.51	41.11	56.00	14.89	QP
8	3.069	0.20	0.40	14.02	14.62	46.00	31.38	AVERAGE
9	6.844	0.26	0.58	27.56	28.39	60.00	31.61	QP
10	6.844	0.26	0.58	3.45	4.28	50.00	45.72	AVERAGE
11	20.270	0.71	0.70	28.29	29.70	60.00	30.30	QP
12	20.270	0.71	0.70	4.84	6.25	50.00	43.75	AVERAGE

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.

2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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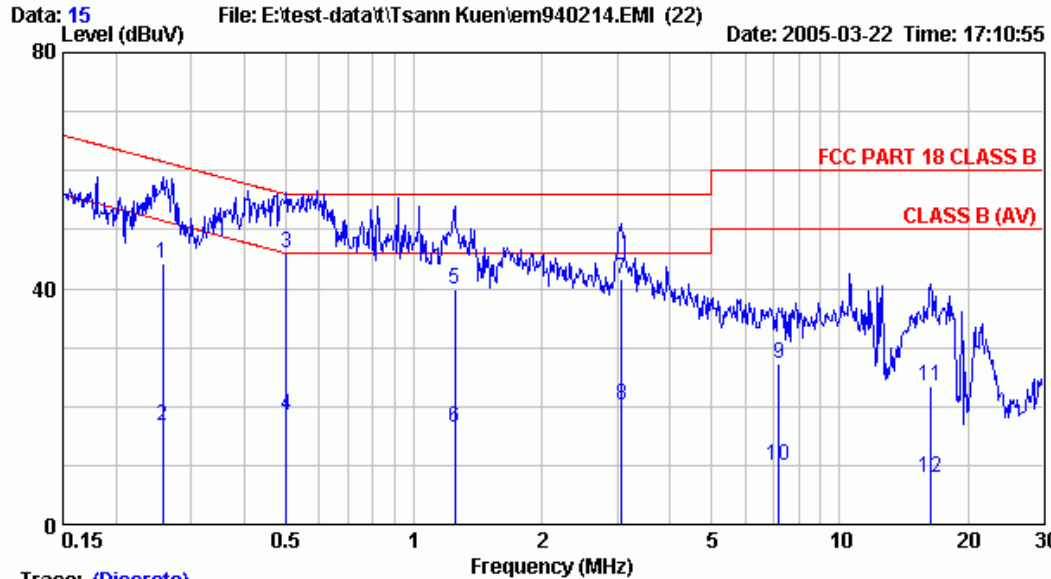
Trace: (Discrete)
Site : No.2 Shielded room Data : 18
Condition : ESH2-Z5 Phase : NEUTRAL
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : min

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.312	0.10	0.30	44.57	44.97	59.93	14.96	QP
2	0.312	0.10	0.30	17.02	17.42	49.93	32.51	AVERAGE
3	0.421	0.11	0.32	42.69	43.12	57.42	14.30	QP
4	0.421	0.11	0.32	17.41	17.84	47.42	29.58	AVERAGE
5	0.914	0.19	0.39	45.11	45.69	56.00	10.31	QP
6	0.914	0.19	0.39	13.77	14.35	46.00	31.65	AVERAGE
7	2.280	0.20	0.40	37.71	38.31	56.00	17.69	QP
8	2.280	0.20	0.40	13.39	13.99	46.00	32.01	AVERAGE
9	6.554	0.25	0.56	35.79	36.60	60.00	23.40	QP
10	6.554	0.25	0.56	8.65	9.46	50.00	40.54	AVERAGE
11	19.736	0.50	0.70	32.40	33.60	60.00	26.40	QP
12	19.736	0.50	0.70	6.55	7.75	50.00	42.25	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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Trace: (Discrete)

Site : No.2 Shielded room Data : 15
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : Auto Defrost

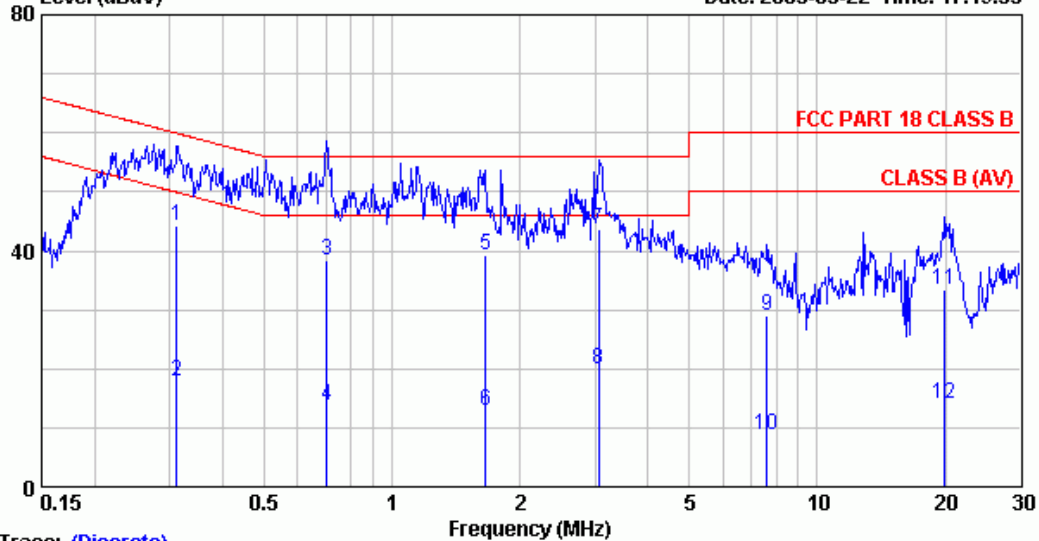
		LISN	Cable	Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)		
1	0.258	0.10	0.28	43.74	44.12	61.51	17.39	QP
2	0.258	0.10	0.28	16.30	16.68	51.51	34.83	AVERAGE
3	0.502	0.12	0.34	45.66	46.12	56.00	9.88	QP
4	0.502	0.12	0.34	18.11	18.57	46.00	27.43	AVERAGE
5	1.250	0.20	0.40	39.34	39.94	56.00	16.06	QP
6	1.250	0.20	0.40	15.86	16.46	46.00	29.54	AVERAGE
7	3.074	0.20	0.40	41.14	41.74	56.00	14.26	QP
8	3.074	0.20	0.40	19.71	20.31	46.00	25.69	AVERAGE
9	7.207	0.26	0.59	26.48	27.34	60.00	32.66	QP
10	7.207	0.26	0.59	9.02	9.88	50.00	40.12	AVERAGE
11	16.306	0.49	0.70	22.27	23.46	60.00	36.54	QP
12	16.306	0.49	0.70	6.81	8.00	50.00	42.00	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Data: 16 File: E:\test-data\Tsann Kuen\em940214.EMI (22) Date: 2005-03-22 Time: 17:19:53



Trace: (Discrete)
Site : No.2 Shielded room Data : 16
Condition : ESH2-Z5 Phase : NEUTRAL
Limit : FCC PART 18 CLASS B
Env. / Ins. : 19°C,64% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : Auto Defrost

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.312	0.10	0.30	43.81	44.21	59.93	15.72	QP
2	0.312	0.10	0.30	17.48	17.88	49.93	32.05	AVERAGE
3	0.701	0.16	0.37	37.76	38.29	56.00	17.71	QP
4	0.701	0.16	0.37	13.30	13.83	46.00	32.17	AVERAGE
5	1.657	0.20	0.40	38.79	39.39	56.00	16.61	QP
6	1.657	0.20	0.40	12.32	12.92	46.00	33.08	AVERAGE
7	3.066	0.20	0.40	43.18	43.78	56.00	12.22	QP
8	3.066	0.20	0.40	19.34	19.94	46.00	26.06	AVERAGE
9	7.606	0.27	0.61	28.00	28.88	60.00	31.12	QP
10	7.606	0.27	0.61	7.78	8.66	50.00	41.34	AVERAGE
11	19.955	0.50	0.70	32.19	33.39	60.00	26.61	QP
12	19.955	0.50	0.70	12.99	14.19	50.00	35.81	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

6.6.3. EUT : Microwave Oven M/N : TSK-M1704MA

Magnetron : Witol. Type 2M315H

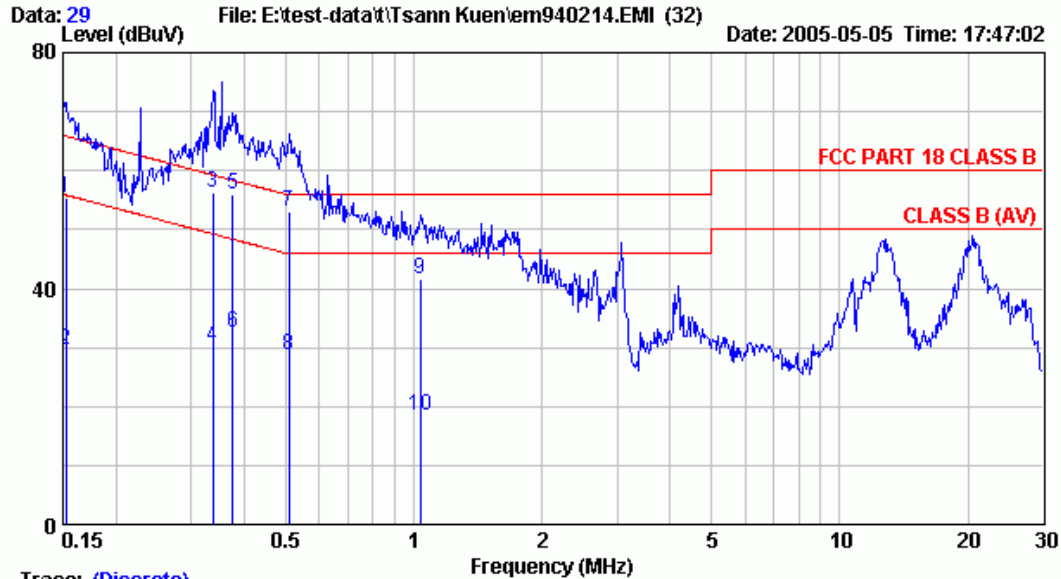
EUT with the worst test mode “Min. mode” was measured during this section testing and all the test results are listed in next pages.

Test Date : May 05, 2005 Temperature : 22°C Humidity : 48%

Reference Test Data No.	
Line	Neutral
# 29	# 30



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Trace: (Discrete)

Site : No.2 Shielded room Data : 29
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 22°C,48% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120Vac/60Hz
Test Mode : Mid (Witol)

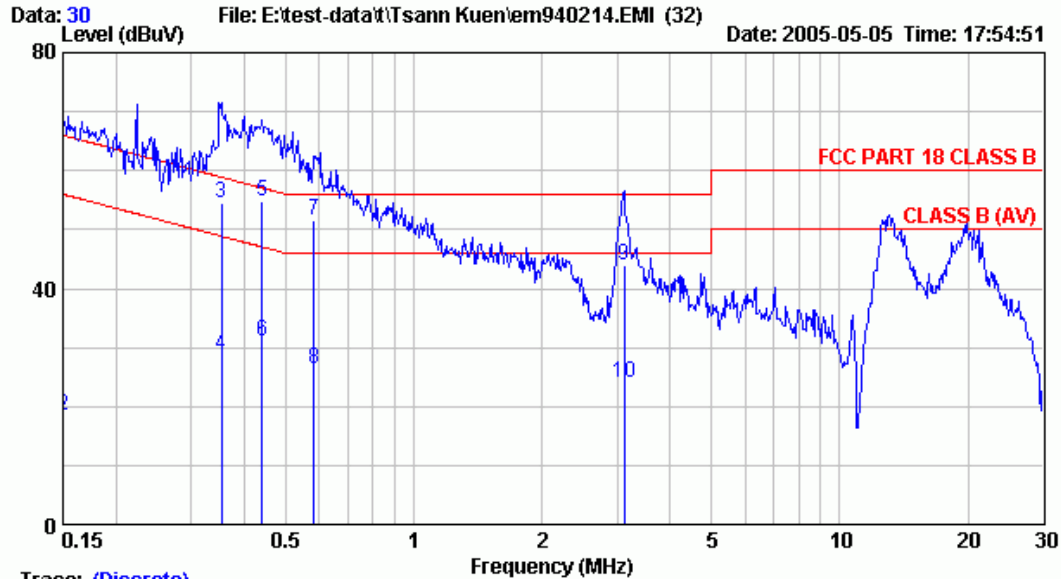
		LISN	Cable	Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)		
1	0.152	0.10	0.24	55.08	55.42	65.87	10.45	QP
2	0.152	0.10	0.24	29.14	29.48	55.87	26.39	AVERAGE
3	0.337	0.10	0.31	55.91	56.32	59.27	2.95	QP
4	0.337	0.10	0.31	29.75	30.16	49.27	19.11	AVERAGE
5	0.375	0.10	0.31	55.61	56.02	58.39	2.36	QP
6	0.375	0.10	0.31	32.19	32.60	48.39	15.78	AVERAGE
7	0.510	0.13	0.34	52.57	53.04	56.00	2.96	QP
8	0.510	0.13	0.34	28.25	28.72	46.00	17.28	AVERAGE
9	1.037	0.20	0.40	41.13	41.73	56.00	14.27	QP
10	1.037	0.20	0.40	17.87	18.47	46.00	27.53	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.

2.If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Site : No.2 Shielded room Data : 30
Condition : ESH2-Z5 Phase : NEUTRAL
Limit : FCC PART 18 CLASS B
Env. / Ins. : 22°C, 48% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N: TSK-M1704MA
Power Rating : 120Vac/60Hz
Test Mode : Mid (Witol)

		LISN	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)		
1	0.150	0.10	0.24	55.98	56.32	66.00	9.68	QP
2	0.150	0.10	0.24	18.14	18.48	56.00	37.52	AVERAGE
3	0.354	0.10	0.31	54.06	54.47	58.87	4.40	QP
4	0.354	0.10	0.31	28.18	28.59	48.87	20.28	AVERAGE
5	0.440	0.11	0.33	54.26	54.70	57.07	2.37	QP
6	0.440	0.11	0.33	30.71	31.15	47.07	15.92	AVERAGE
7	0.582	0.14	0.35	51.17	51.66	56.00	4.34	QP
8	0.582	0.14	0.35	25.96	26.45	46.00	19.55	AVERAGE
9	3.120	0.20	0.40	43.40	44.00	56.00	12.00	QP
10	3.120	0.20	0.40	23.38	23.98	46.00	22.02	AVERAGE

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.

2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

6.6.4. EUT : Microwave Oven M/N : TSK-M1704MA

Magnetron : Toshiba, Type 2M231CH(EP)-A

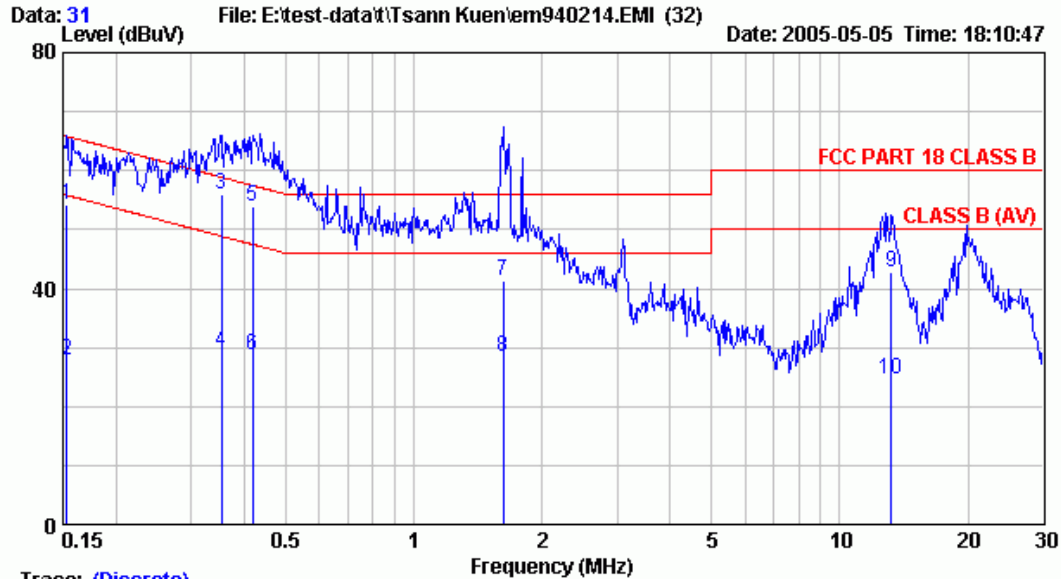
EUT with the worst test mode “Min. mode” was measured during this section testing and all the test results are listed in next pages.

Test Date : May 05, 2005 Temperature : 22°C Humidity : 48%

Reference Test Data No.	
Line	Neutral
# 31	# 32



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Trace: (Discrete)

Site : No.2 Shielded room Data : 31
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 22°C,48% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120Vac/60Hz
Test Mode : Mid (Toshiba)

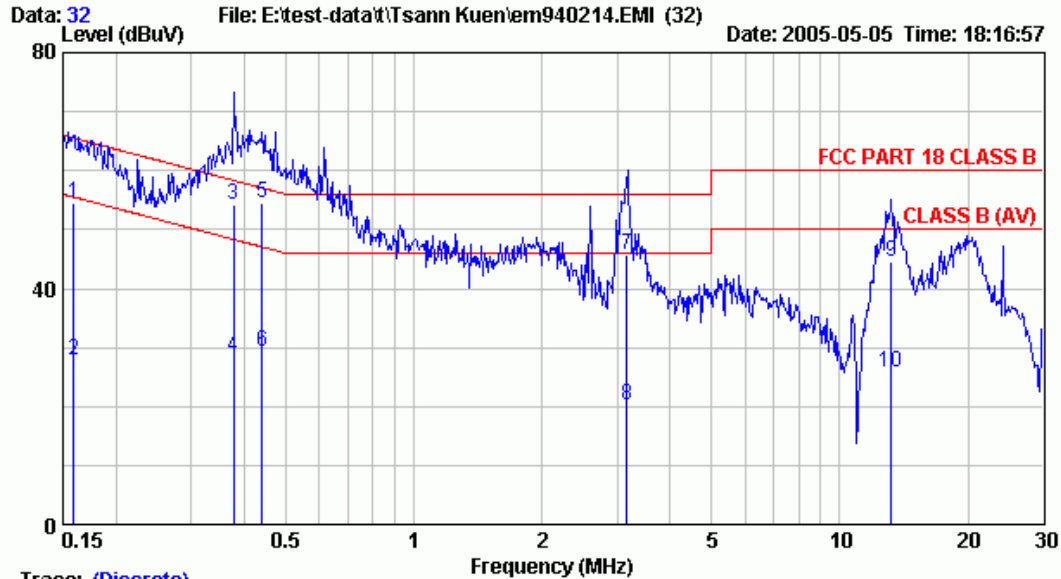
		LISN	Cable	Emission				
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)	
1	0.153	0.10	0.24	53.78	54.12	65.82	11.71	QP
2	0.153	0.10	0.24	27.59	27.93	55.82	27.90	AVERAGE
3	0.354	0.10	0.31	55.46	55.87	58.87	3.00	QP
4	0.354	0.10	0.31	28.88	29.29	48.87	19.58	AVERAGE
5	0.419	0.11	0.32	53.46	53.89	57.46	3.57	QP
6	0.419	0.11	0.32	28.33	28.76	47.46	18.70	AVERAGE
7	1.620	0.20	0.40	40.80	41.40	56.00	14.60	QP
8	1.620	0.20	0.40	27.68	28.28	46.00	17.72	AVERAGE
9	13.200	0.37	0.70	41.58	42.65	60.00	17.35	QP
10	13.200	0.37	0.70	23.53	24.60	50.00	25.40	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.

2.If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Site : No.2 Shielded room Data : 32
Condition : ESH2-Z5 Phase : NEUTRAL
Limit : FCC PART 18 CLASS B
Env. / Ins. : 22°C,48% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120Vac/60Hz
Test Mode : Mid (Toshiba)

		LISN	Cable	Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)		
1	0.159	0.10	0.24	54.12	54.46	65.52	11.06	QP
2	0.159	0.10	0.24	27.59	27.93	55.52	27.59	AVERAGE
3	0.377	0.10	0.31	53.69	54.10	58.34	4.24	QP
4	0.377	0.10	0.31	28.12	28.53	48.34	19.81	AVERAGE
5	0.440	0.11	0.33	54.08	54.52	57.07	2.55	QP
6	0.440	0.11	0.33	28.90	29.34	47.07	17.73	AVERAGE
7	3.167	0.20	0.40	45.18	45.78	56.00	10.22	QP
8	3.167	0.20	0.40	19.57	20.17	46.00	25.83	AVERAGE
9	13.204	0.37	0.70	43.59	44.66	60.00	15.34	QP
10	13.204	0.37	0.70	24.66	25.73	50.00	24.27	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.

2.If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

6.6.5. EUT : Microwave Oven M/N : TSK-M1704ME

Magnetron : Witol. Type 2M315H

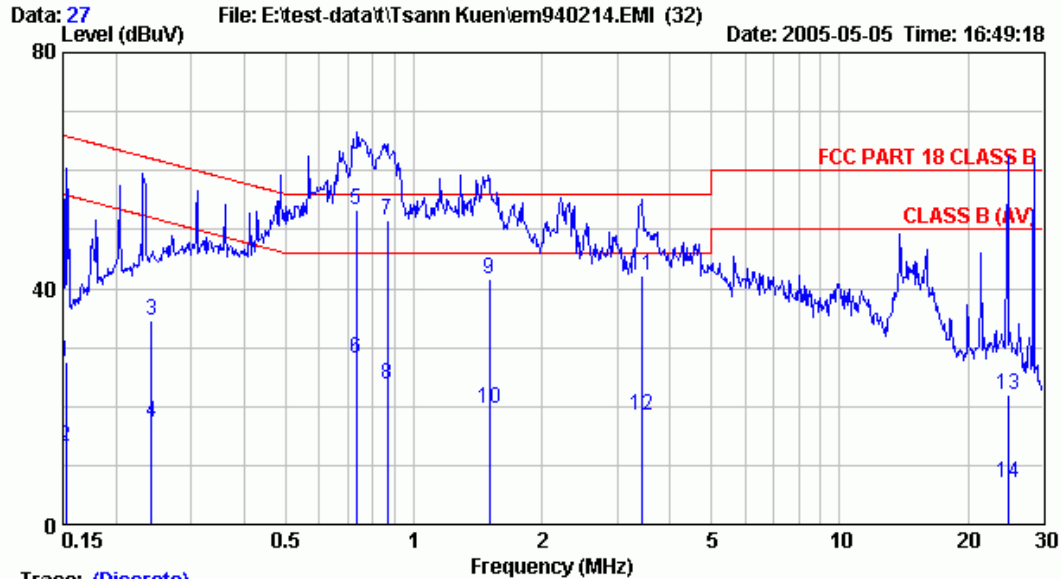
EUT with the worst test mode “Auto Defrost mode” was measured during this section testing and all the test results are listed in next pages.

Test Date : May 05, 2005 Temperature : 22°C Humidity : 48%

Reference Test Data No.	
Line	Neutral
# 27	# 28



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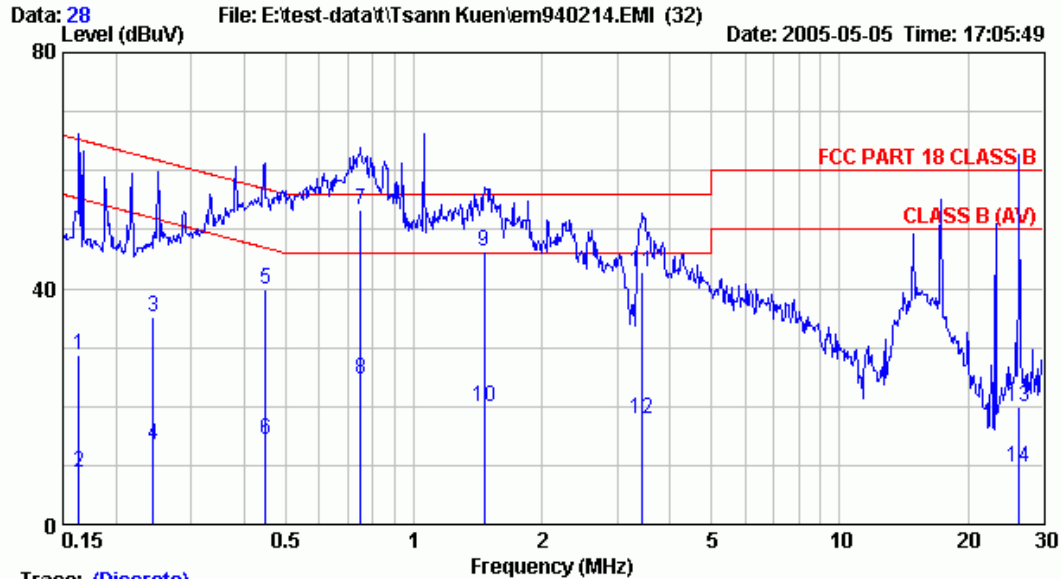
Site : No.2 Shielded room Data : 27
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 22°C,48% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120Vac/60Hz
Test Mode : Auto Defrost (Witol)

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.152	0.10	0.24	27.35	27.69	55.87	28.18	AVERAGE
2	0.152	0.10	0.24	12.71	13.05	55.87	42.82	AVERAGE
3	0.242	0.10	0.28	34.29	34.67	62.04	27.37	QP
4	0.242	0.10	0.28	16.97	17.35	52.04	34.69	AVERAGE
5	0.733	0.17	0.37	52.78	53.32	56.00	2.68	QP
6	0.733	0.17	0.37	27.68	28.22	46.00	17.78	AVERAGE
7	0.868	0.18	0.39	51.01	51.58	56.00	4.42	QP
8	0.868	0.18	0.39	23.07	23.64	46.00	22.36	AVERAGE
9	1.506	0.20	0.40	41.01	41.61	56.00	14.39	QP
10	1.506	0.20	0.40	19.11	19.71	46.00	26.29	AVERAGE
11	3.446	0.20	0.40	41.49	42.09	56.00	13.91	QP
12	3.446	0.20	0.40	17.75	18.35	46.00	27.65	AVERAGE
13	24.798	0.89	0.70	20.42	22.01	60.00	37.99	QP
14	24.798	0.89	0.70	5.52	7.11	50.00	42.89	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



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Trace: (Discrete)

Site : No.2 Shielded room Data : 28
Condition : ESH2-Z5 Phase : NEUTRAL
Limit : FCC PART 18 CLASS B
Env. / Ins. : 22°C,48% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120Vac/60Hz
Test Mode : Auto Defrost (Witol)

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V)	Limits (dB μ V)	Margin (dB)	Remark
1	0.163	0.10	0.24	28.43	28.77	65.30	36.53	QP
2	0.163	0.10	0.24	8.38	8.72	55.30	46.58	AVERAGE
3	0.244	0.10	0.28	34.70	35.08	61.95	26.87	QP
4	0.244	0.10	0.28	12.99	13.37	51.95	38.58	AVERAGE
5	0.448	0.11	0.33	39.35	39.79	56.91	17.12	QP
6	0.448	0.11	0.33	13.94	14.38	46.91	32.53	AVERAGE
7	0.751	0.17	0.37	52.66	53.20	56.00	2.80	QP
8	0.751	0.17	0.37	24.21	24.75	46.00	21.25	AVERAGE
9	1.460	0.20	0.40	45.79	46.39	56.00	9.61	QP
10	1.460	0.20	0.40	19.42	20.02	46.00	25.98	AVERAGE
11	3.441	0.20	0.40	42.05	42.65	56.00	13.35	QP
12	3.441	0.20	0.40	17.28	17.88	46.00	28.12	AVERAGE
13	26.409	0.47	0.70	18.83	20.00	60.00	40.00	QP
14	26.409	0.47	0.70	8.40	9.57	50.00	40.43	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

6.6.6. EUT : Microwave Oven M/N : TSK-M1704ME

Magnetron : Toshiba, Type 2M231CH(EP)-A

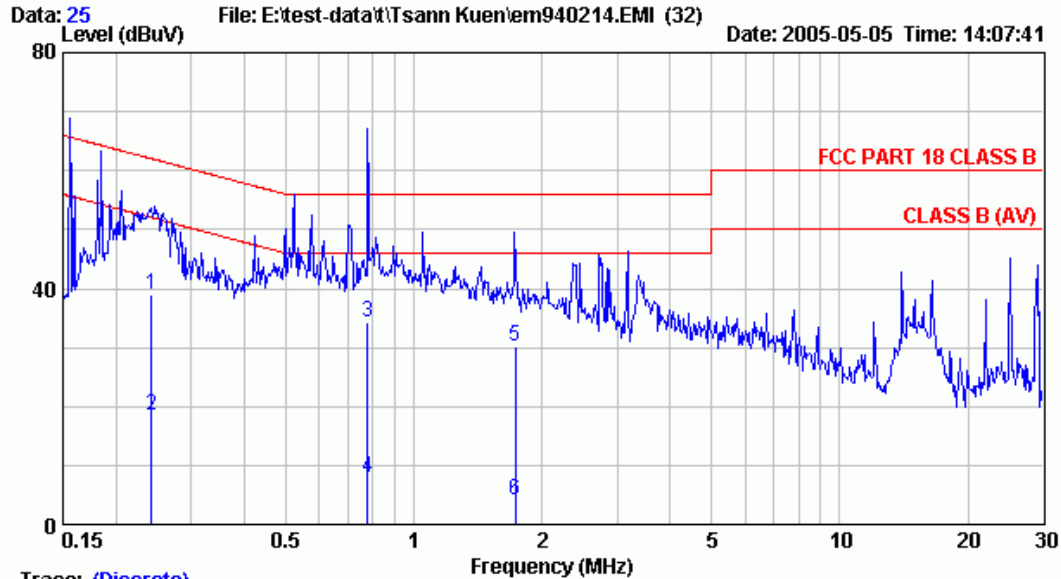
EUT with the worst test mode “Auto Defrost mode” was measured during this section testing and all the test results are listed in next pages.

Test Date : May 05, 2005 Temperature : 22°C Humidity : 48%

Reference Test Data No.	
Line	Neutral
# 25	# 26



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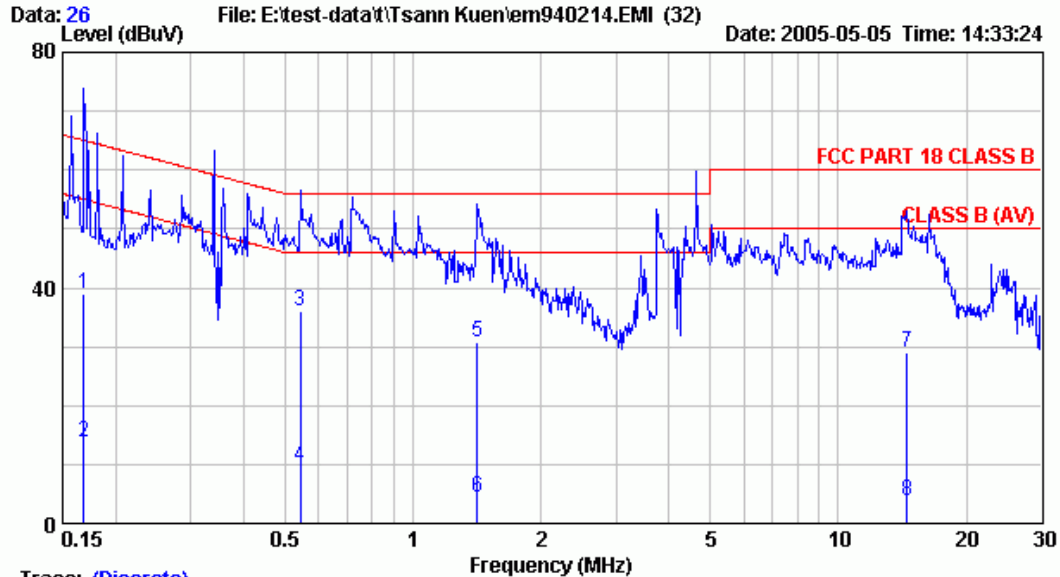
Site : No.2 Shielded room Data : 25
Condition : ESH2-Z5 Phase : LINE
Limit : FCC PART 18 CLASS B
Env. / Ins. : 22°C, 48% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N: TSK-M1704ME
Power Rating : 120Vac/60Hz
Test Mode : Auto Defrost (Toshiba)

		LISN	Cable	Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)		
1	0.242	0.10	0.28	38.52	38.90	62.04	23.14	QP
2	0.242	0.10	0.28	18.16	18.54	52.04	33.50	AVERAGE
3	0.779	0.17	0.38	33.72	34.27	56.00	21.73	QP
4	0.779	0.17	0.38	7.36	7.91	46.00	38.09	AVERAGE
5	1.730	0.20	0.40	29.63	30.23	56.00	25.77	QP
6	1.730	0.20	0.40	3.45	4.05	46.00	41.95	AVERAGE

Remarks: 1. Emission Level = LISN Factor + Cable Loss + Reading.
2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Trace: (Discrete)

Site : No.2 Shielded room Data : 26
Condition : ESH2-Z5 Phase : NEUTRAL
Limit : FCC PART 18 CLASS B
Env. / Ins. : 22°C,48% / ESCS 30 Engineer: Cater Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120Vac/60Hz
Test Mode : Auto Defrost (Toshiba)

		LISN	Cable	Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB)	(dB)	(dB μ V)	(dB μ V)	(dB μ V)	(dB)		
1	0.169	0.10	0.25	38.54	38.89	65.03	26.15	QP
2	0.169	0.10	0.25	13.48	13.83	55.03	41.21	AVERAGE
3	0.544	0.13	0.35	35.56	36.04	56.00	19.96	QP
4	0.544	0.13	0.35	9.11	9.59	46.00	36.41	AVERAGE
5	1.416	0.20	0.40	30.04	30.64	56.00	25.36	QP
6	1.416	0.20	0.40	3.85	4.45	46.00	41.55	AVERAGE
7	14.528	0.39	0.70	27.99	29.08	60.00	30.92	QP
8	14.528	0.39	0.70	2.63	3.72	50.00	46.28	AVERAGE

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

7. RADIATED EMISSION MEASUREMENT

7.1. Test Equipment

The following test equipment was used during the radiated emission tests :

7.1.1. Below 1GHz (at Semi-Anechoic Chamber)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8593EM	3826A00248	Oct. 04, 04'	Oct. 03, 05'
2.	Test Receiver	Schaffner	SCR 3502	008	Mar. 04, 05'	Mar. 03, 06'
3.	Pre-Amplifier	HP	8447D	2944A06305	Mar. 10, 05'	Mar. 09, 06'
4.	Broadband Antenna	Schwarzbeck	BBA 9106	A3L	Feb. 18, 05'	Feb. 17, 06'
5.	Broadband Antenna	Schwarzbeck	UHALP9108-A	0139	Dec. 14, 04'	Dec. 13, 05'

7.1.2. Above 1GHz (at Semi-Anechoic Chamber)

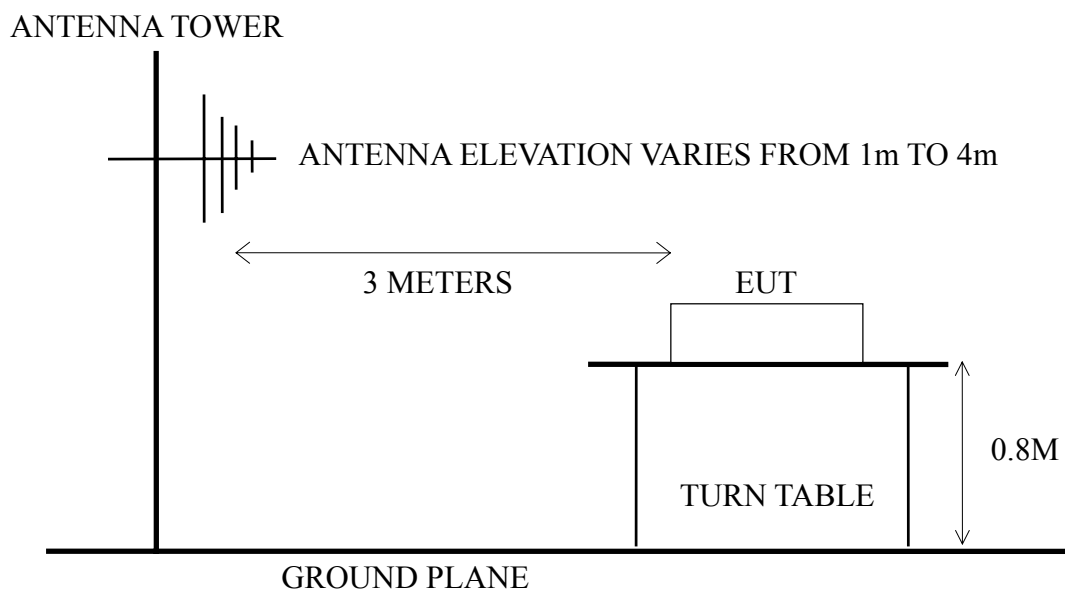
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8593EM	3826A00248	Oct. 04, 04'	Oct. 03, 05'
2.	Pre-Amplifier	HP	8449B	3008A00529	Jan. 14, 05'	Jan. 13, 06'
3.	Horn Antenna	EMCO	3115	9112-3775	May 05, 04'	May 04, 05'
4.	For Above 3.5GHz - High Pass Filter	HP	84300-80038	005	Jan. 13, 05'	Jan. 12, 06'

7.2. Test Setup

7.2.1. Block Diagram of connection between EUT and simulators

MICROWAVE OVEN (EUT)

7.2.2. Semi-Anechoic Chamber (3m) Setup Diagram



7.3. Radiation Limits

- 7.3.1. The radiated limits of the [**Microwave Oven, M/N : TSK-M1702BME, Magnetron : Matsushita, Type 2M211A-M2J (EUT)**] are complied with FCC CFR Title 47 Part 18 Subpart C & MP-5. The limits are calculated as below:

Calculated formula:

$$\text{Limit } (E_{300m}) = 25 * (\text{Power} / 500)^{1/2} (\mu\text{V/m})$$

$$E_{3m} = E_{300m} / K$$

Power Output = 595W

$$\text{Limit } (E_{300m}) = 25 * (595 / 500)^{1/2} (\mu\text{V/m}) = 27.2717(\mu\text{V/m})$$

$$E_{3m} = 27.2717 / 6.23 * 10^{-3} = 4371.3044 (\mu\text{V/m})$$

$$20\log(4371.3044) = 72.81 (\text{dB}\mu\text{V/m})$$

- 7.3.2. The radiated limits of the [**Microwave Oven, M/N : TSK-M1702MA, Magnetron : Matsushita, Type 2M211A-M2J (EUT)**] are complied with FCC CFR Title 47 Part 18 Subpart C & MP-5. The limits are calculated as below:

Calculated formula:

$$\text{Limit } (E_{300m}) = 25 * (\text{Power} / 500)^{1/2} (\mu\text{V/m})$$

$$E_{3m} = E_{300m} / K$$

Power Output = 437.5W

$$\text{Limit } (E_{300m}) = 25 * (437.5 / 500)^{1/2} (\mu\text{V/m}) = 23.3855(\mu\text{V/m})$$

$$E_{3m} = 23.3855 / 6.23 * 10^{-3} = 3750.2912 (\mu\text{V/m})$$

$$20\log(3750.2912) = 71.48 (\text{dB}\mu\text{V/m})$$

- 7.3.3. The radiated limits of the [**Microwave Oven, M/N : TSK-M1704MA, Magnetron : Witol. Type 2M315H (EUT)**] are complied with FCC CFR Title 47 Part 18 Subpart C & MP-5. The limits are calculated as below:

Calculated formula:

$$\text{Limit } (E_{300m}) = 25 * (\text{Power} / 500)^{1/2} (\mu\text{V/m})$$

$$E_{3m} = E_{300m} / K$$

Power Output = 525W

$$\text{Limit } (E_{300m}) = 25 * (525 / 500)^{1/2} (\mu\text{V/m}) = 25.6173(\mu\text{V/m})$$

$$E_{3m} = 25.6173 / 6.23 * 10^{-3} = 4109.7540 (\mu\text{V/m})$$

$$20\log(4109.7540) = 72.27 (\text{dB}\mu\text{V/m})$$

- 7.3.4. The radiated limits of the [**Microwave Oven, M/N : TSK-M1704MA, Magnetron : Toshiba, Type 2M231CH(EP)-A (EUT)**] are complied with FCC CFR Title 47 Part 18 Subpart C & MP-5. The limits are calculated as below:

Calculated formula:

$$\text{Limit } (E_{300m}) = 25 * (\text{Power} / 500)^{1/2} (\mu\text{V/m})$$

$$E_{3m} = E_{300m} / K$$

Power Output = 588W

$$\text{Limit } (E_{300m}) = 25 * (588 / 500)^{1/2} (\mu\text{V/m}) = 27.1108(\mu\text{V/m})$$

$$E_{3m} = 27.1108 / 6.23 * 10^{-3} = 4351.6532 (\mu\text{V/m})$$

$$20\log(4351.6532) = 72.76 (\text{dB}\mu\text{V/m})$$

- 7.3.5. The radiated limits of the [**Microwave Oven, M/N : TSK-M1704ME, Magnetron : Witol. Type 2M315H (EUT)**] are complied with FCC CFR Title 47 Part 18 Subpart C & MP-5. The limits are calculated as below:

Calculated formula:

$$\text{Limit } (E_{300m}) = 25 * (\text{Power} / 500)^{1/2} (\mu\text{V/m})$$

$$E_{3m} = E_{300m} / K$$

$$\text{Power Output} = 682.5\text{W}$$

$$\text{Limit } (E_{300m}) = 25 * (682.5 / 500)^{1/2} (\mu\text{V/m}) = 29.2083(\mu\text{V/m})$$

$$E_{3m} = 29.2083 / 6.24 * 10^{-3} = 4676.9842 (\mu\text{V/m})$$

$$20\log(4676.9842) = 73.39 (\text{dB}\mu\text{V/m})$$

- 7.3.6. The radiated limits of the [**Microwave Oven, M/N : TSK-M1704ME, Magnetron : Toshiba, Type 2M231CH(EP)-A (EUT)**] are complied with FCC CFR Title 47 Part 18 Subpart C & MP-5. The limits are calculated as below:

Calculated formula:

$$\text{Limit } (E_{300m}) = 25 * (\text{Power} / 500)^{1/2} (\mu\text{V/m})$$

$$E_{3m} = E_{300m} / K$$

$$\text{Power Output} = 577.5\text{W}$$

$$\text{Limit } (E_{300m}) = 25 * (577.5 / 500)^{1/2} (\mu\text{V/m}) = 26.8677(\mu\text{V/m})$$

$$E_{3m} = 26.8677 / 6.24 * 10^{-3} = 4301.6578 (\mu\text{V/m})$$

$$20\log(4301.6578) = 72.67 (\text{dB}\mu\text{V/m})$$

7.4. Operating Condition of EUT

- 7.4.1. Setup the EUT and simulator as shown on 7.2.
- 7.4.2. Turned on the power of all equipment.
- 7.4.3. The beaker with two loads (700ml & 300ml) and two locations (center & right front corner) was placed into the Microwave Oven (EUT).
- 7.4.4. The Microwave Oven (EUT) was set in test modes, and all the test modes are listed in section 7.6.

7.5. Test Procedure

The EUT was placed on a turn table which was 0.8 meter or 1 meter (0.8 meter for measurement below 1GHz and 1 meter for measurement above 1GHz) above the ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. The EUT was set to 3 meters away from the receiving antenna which was mounted on an antenna tower. The antenna moved up and down between 1 to 4 meters above reference plane to find out the maximum emission level. Broadband antenna such as calibrated biconical and log-periodical antenna or horn antenna was used as a receiving antenna. Both horizontal and vertical polarizations of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to FCC/OST MP-5 (1986) regulation.

The bandwidth of test receiver using Q.P detector was set at 120kHz for measurement below 1GHz and resolution bandwidth of spectrum analyzer using Average detector was set at 1MHz for measurement above 1GHz.

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

Load for all other measurement: 700ml of water, with the beaker located in the center of the microwave oven.

The frequency range from 30MHz to 25GHz was checked with Peak detector at semi-anechoic chamber and all the test results are listed in section 7.6. All emissions not reported below are too low against the prescribed limits.

7.6. Radiated Emission Measurement Results

PASSED. All emissions not reported below are too low against the prescribed limits.

7.6.1. EUT : Microwave Oven M/N : TSK-M1702BME

Magnetron : Matsushita, Type 2M211A-M2J

EUT with following test modes were measured at Semi-Anechoic Chamber and all the test results are listed in next pages.

Test Date : Apr. 08, 2005 Temperature : 20°C Humidity : 60%

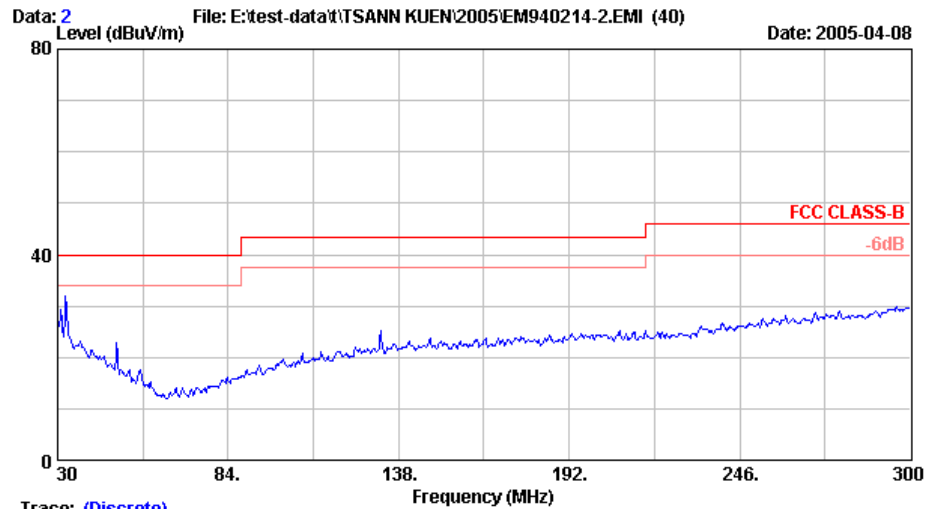
Test Date : May 06, 2005 Temperature : 20°C Humidity : 60%

The details of test mode and reference test data are as follows :

NO.	Frequency range	Test Mode	Reference Test Data No.	
			Horizontal	Vertical
1.	Below 1GHz (30MHz-1GHz)	Load: 700ml, Beaker Location: Center (Popcom)	# 2, #3	# 1, #4
2.		Load: 700ml, Beaker Location: Center (Beverage)	# 10, #11	# 9, #12
3.		Load: 700ml, Beaker Location: Center (Soup)	# 15, #14	# 16, #13
4.		Load: 700ml, Beaker Location: Center (Cass)	# 18, #20	# 17, #19
5.		Load: 700ml, Beaker Location: Center (Sing)	# 23, #21	# 24, #22
6.		Load: 700ml, Beaker Location: Center (Auto Defrost)	#7, #6	# 8, #5
7.	Above 1GHz (1GHz-25GHz)	Load: 700ml, Beaker Location: Center	# 33	# 34
8.	Above 1GHz. (On second and third harmonics)	Load: 700ml, Beaker Location: Right Front Corner	# 27	# 28
9.		Load: 300ml, Beaker Location: Center	# 31	# 32
10.		Load: 300ml, Beaker Location: Right Front Corner	# 29	# 30



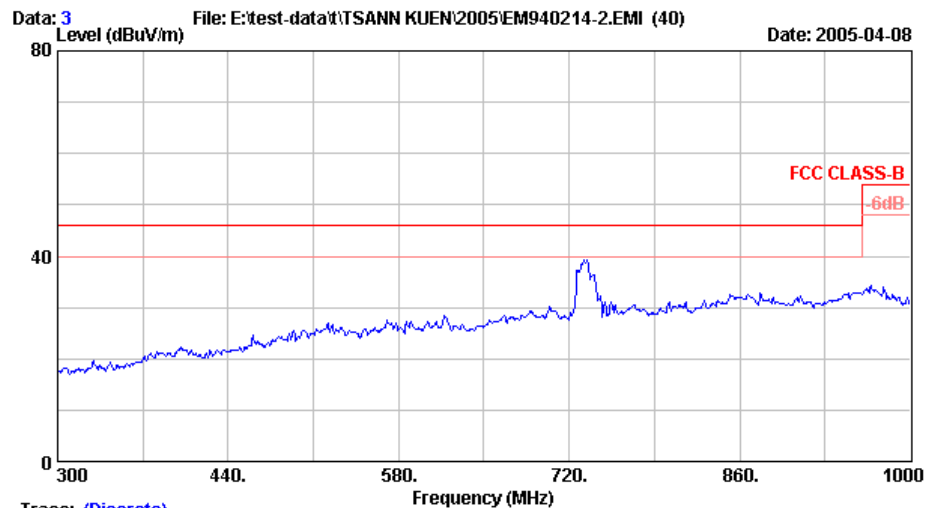
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Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702BME
Power Rating : 120Vac/60Hz
Test Mode : Popcom
700 milliliters of waters in the beaker
located in the center of the oven



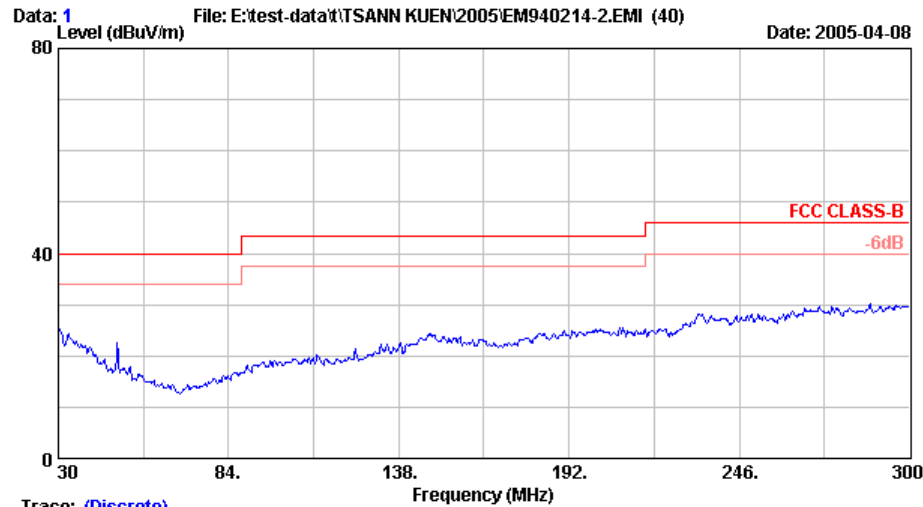
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Site no. : A/C Chamber Data no. : 3
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702BME
Power Rating : 120Vac/60Hz
Test Mode : Popcom
700 milliliters of waters in the beaker
located in the center of the oven



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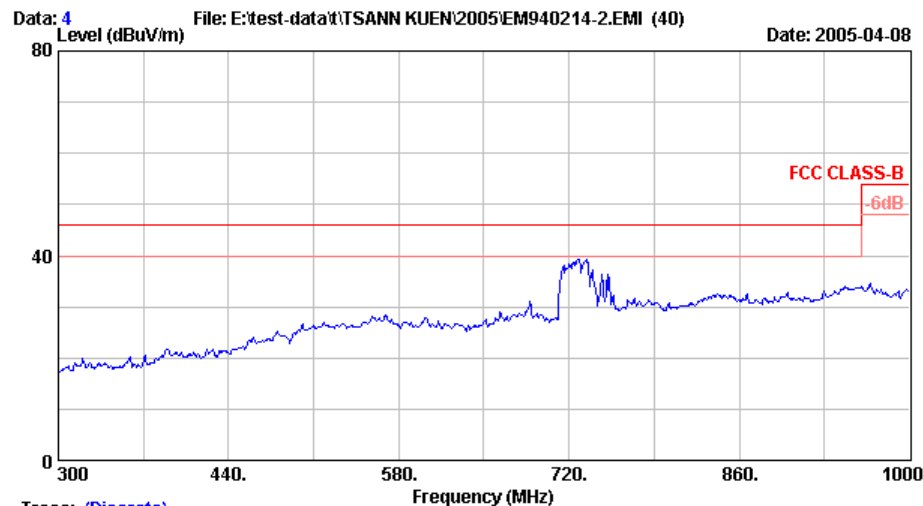


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 1
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Popcom		
	700 milliliters of waters in the beaker located in the center of the oven		



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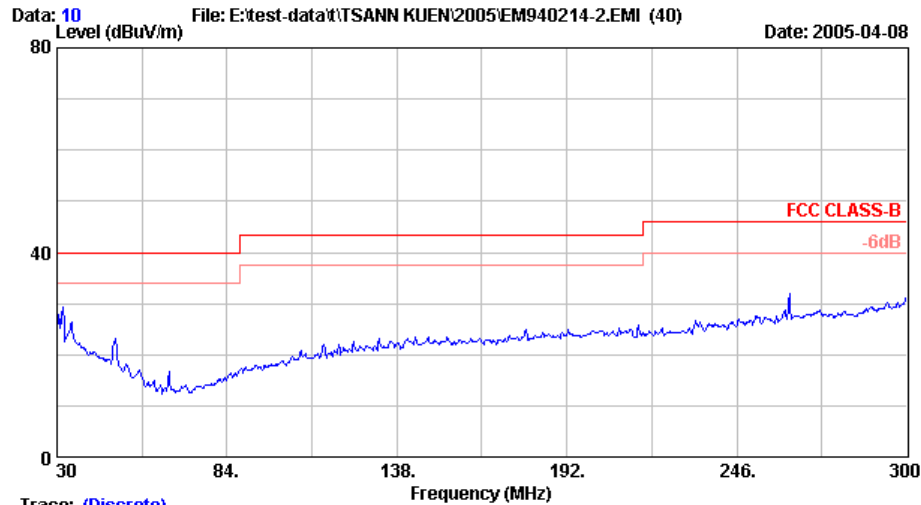


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 4
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Popcom		
	700 milliliters of waters in the beaker located in the center of the oven		



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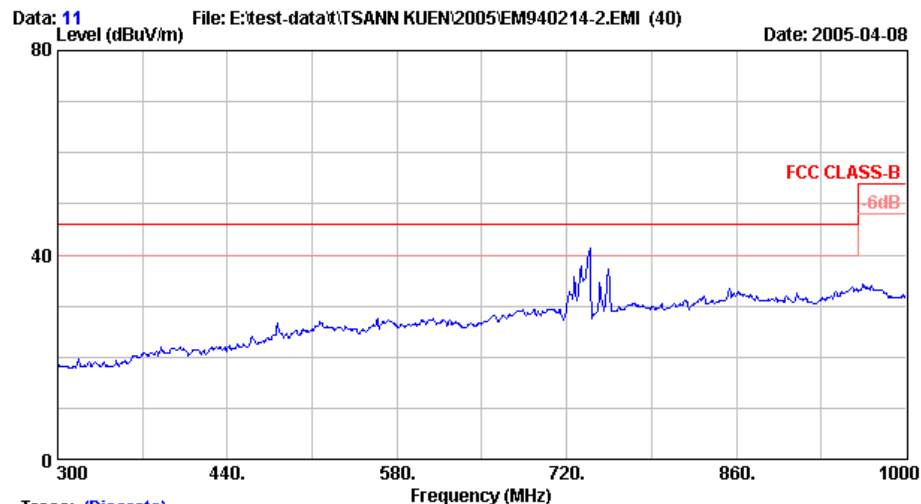


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 10
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Beverage		
	700 milliliters of waters in the beaker located in the center of the oven		



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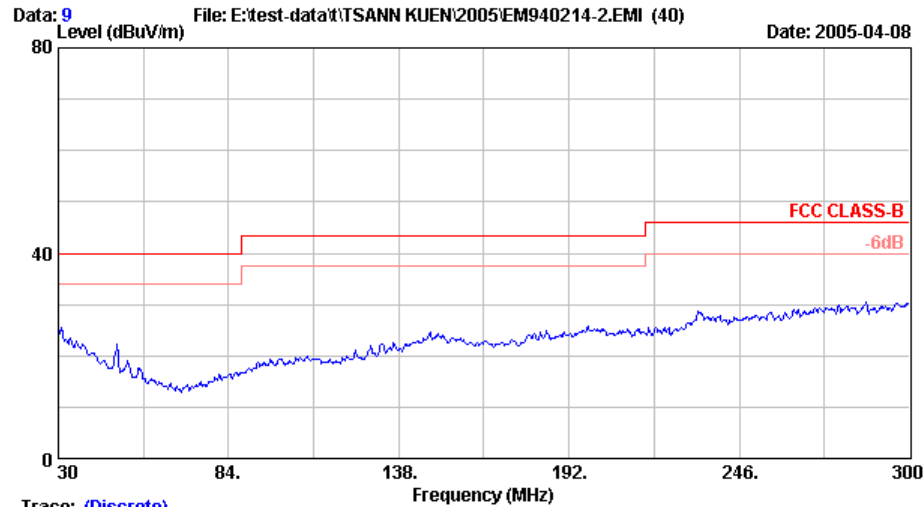


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 11
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Beverage		
	700 milliliters of waters in the beaker located in the center of the oven		



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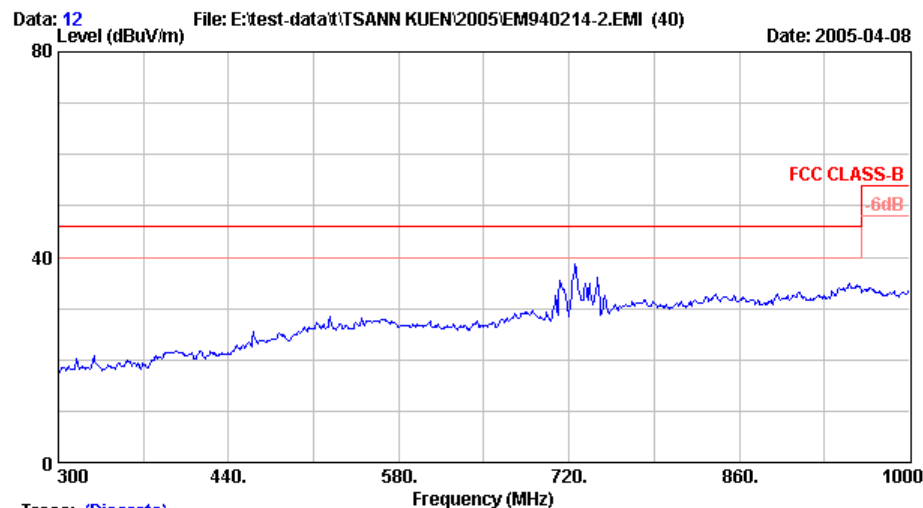


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 9
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Beverage		
	700 milliliters of waters in the beaker located in the center of the oven		



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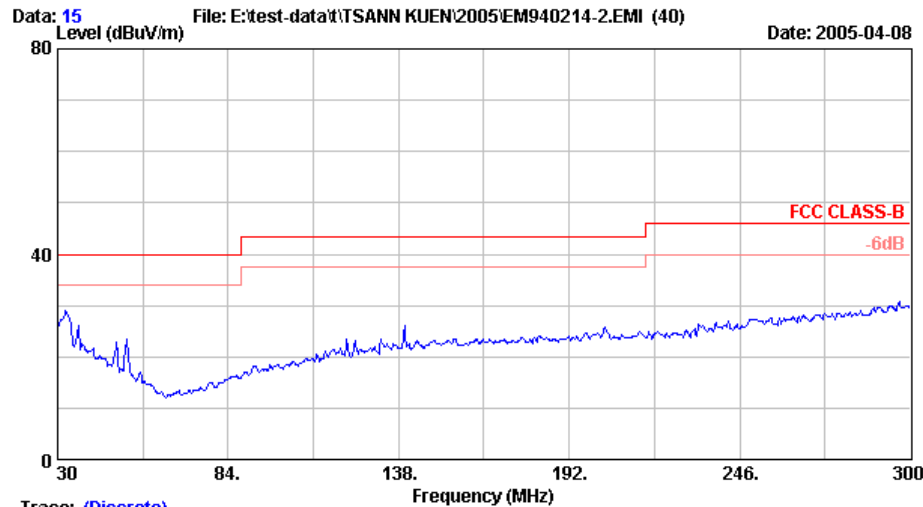


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 12
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Beverage		
	700 milliliters of waters in the beaker located in the center of the oven		



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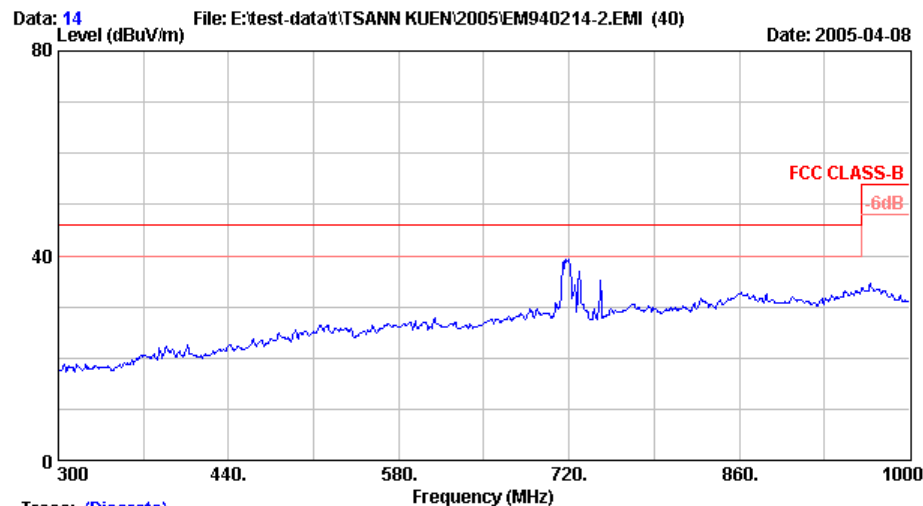


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 15
Dis. / Ant. : 3m BBA9106(A3L)	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 20°C/60%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702BME	
Power Rating : 120Vac/60Hz	
Test Mode : Soup	
700 milliliters of waters in the beaker located in the center of the oven	



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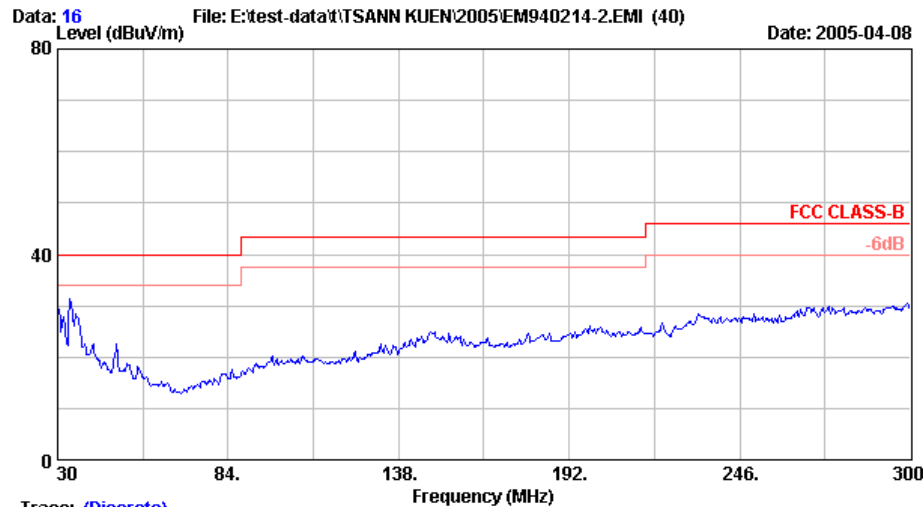


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 14
Dis. / Ant. : 3m UHALP9108-A(0139)	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 20°C/60%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702BME	
Power Rating : 120Vac/60Hz	
Test Mode : Soup	
700 milliliters of waters in the beaker located in the center of the oven	



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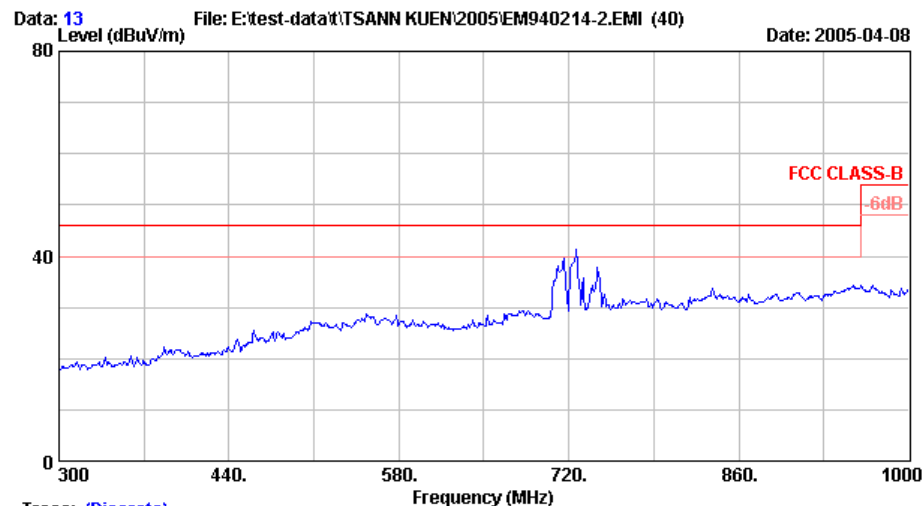
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 16
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Soup		

700 milliliters of waters in the beaker
located in the center of the oven



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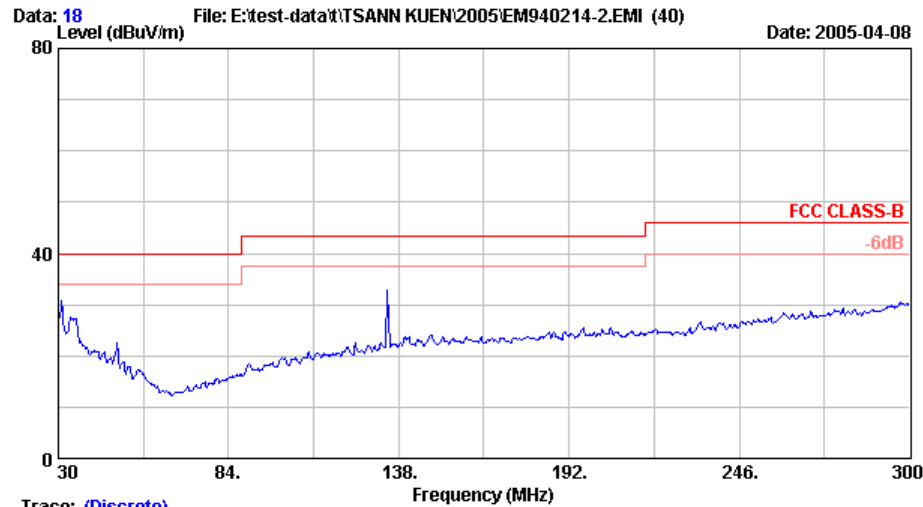
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 13
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Soup		

700 milliliters of waters in the beaker
located in the center of the oven



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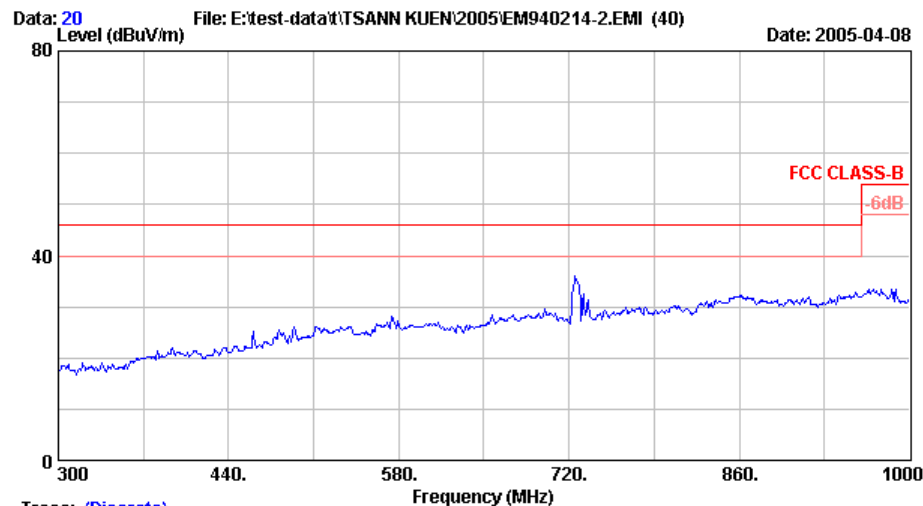
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 18
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Cass		

700 milliliters of waters in the beaker
located in the center of the oven



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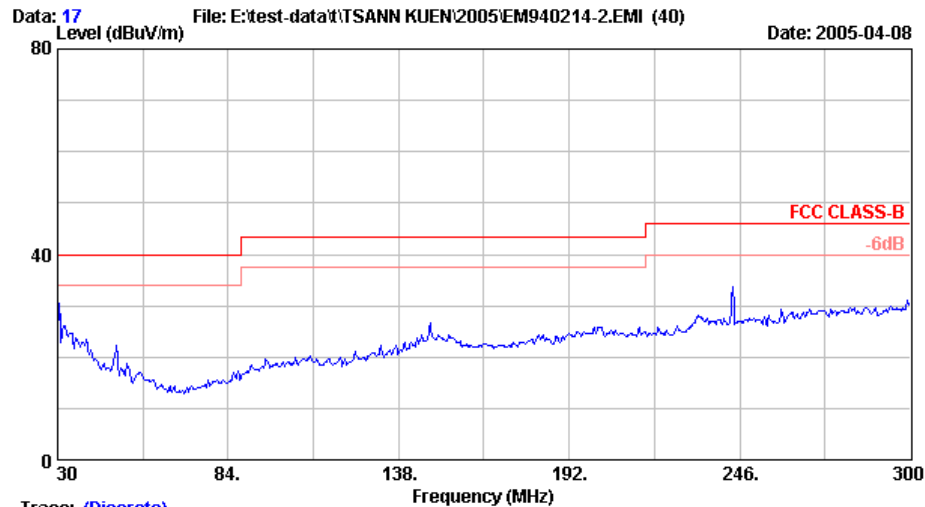
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 20
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Cass		

700 milliliters of waters in the beaker
located in the center of the oven



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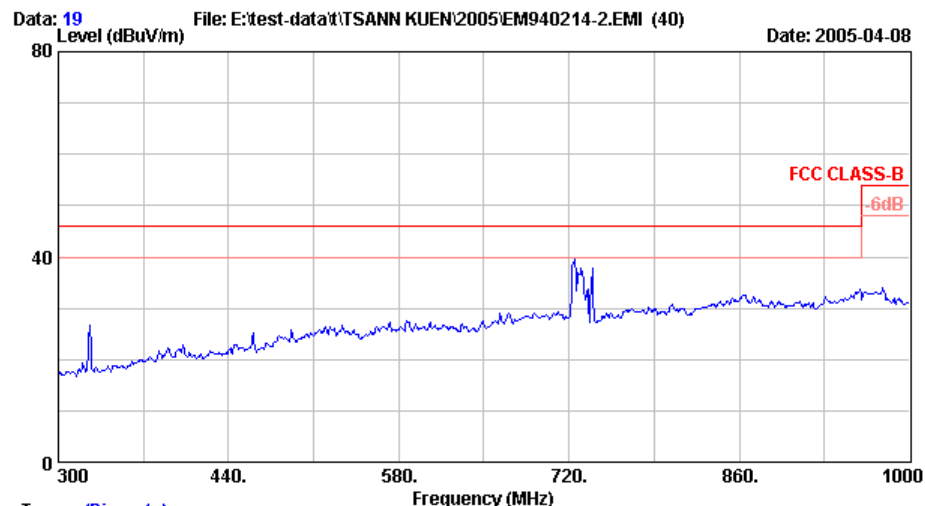


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 17
Dis. / Ant. : 3m BBA9106(A3L)	Ant. pol. : VERTICAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 20°C/60%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702BME	
Power Rating : 120Vac/60Hz	
Test Mode : Cass	
700 milliliters of waters in the beaker located in the center of the oven	



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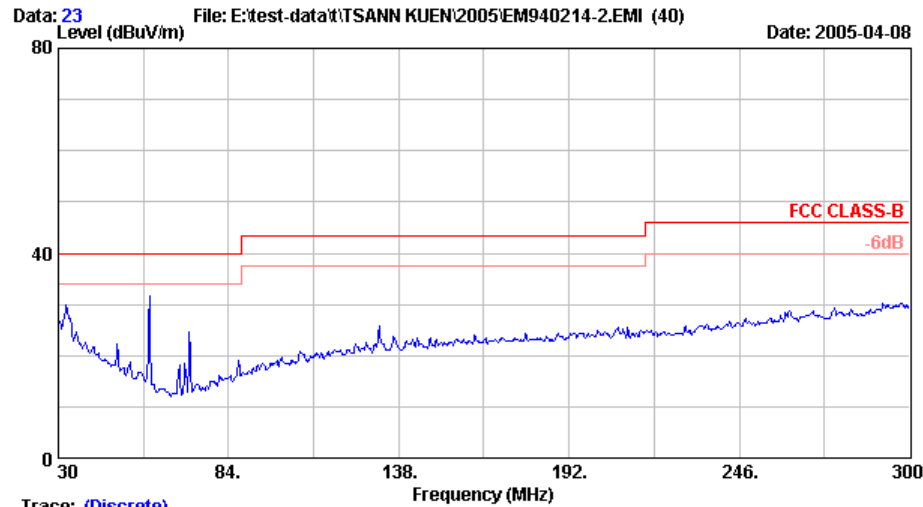


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 19
Dis. / Ant. : 3m UHALP9108-A(0139)	Ant. pol. : VERTICAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 20°C/60%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702BME	
Power Rating : 120Vac/60Hz	
Test Mode : Cass	
700 milliliters of waters in the beaker located in the center of the oven	



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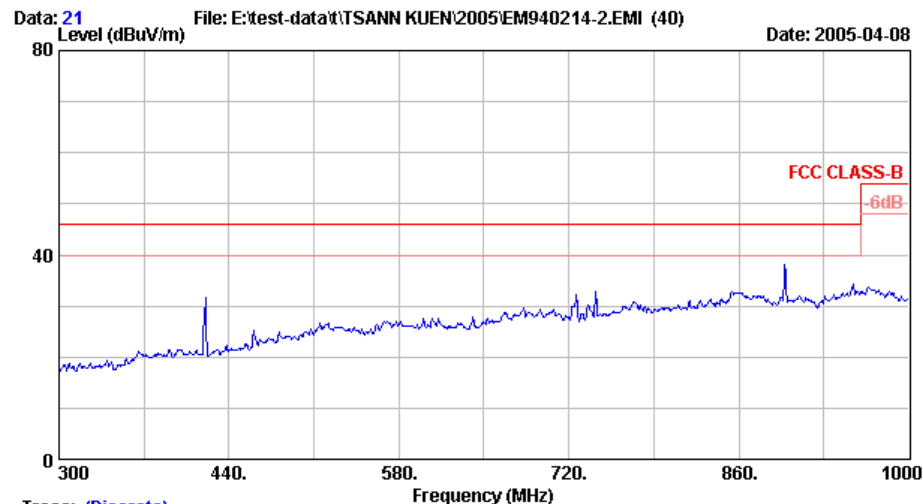
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 23
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Sing		

700 milliliters of waters in the beaker
located in the center of the oven



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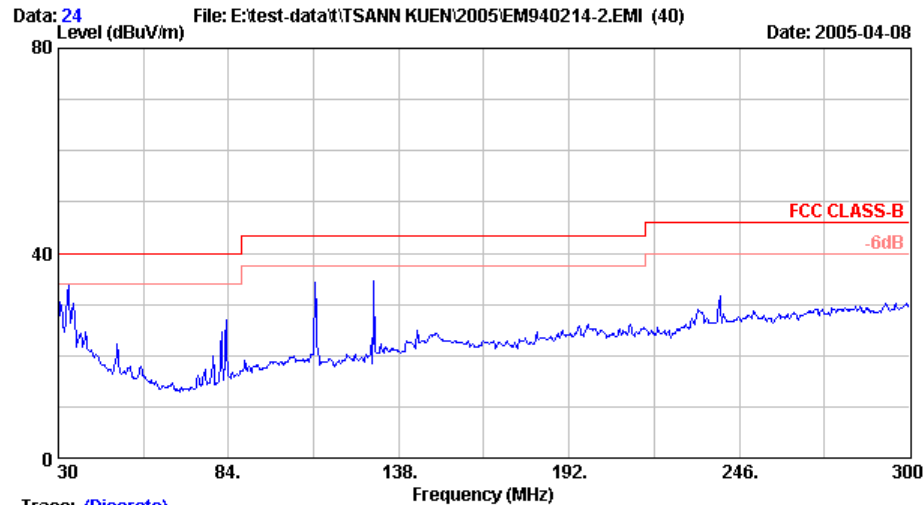
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 21
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Sing		

700 milliliters of waters in the beaker
located in the center of the oven



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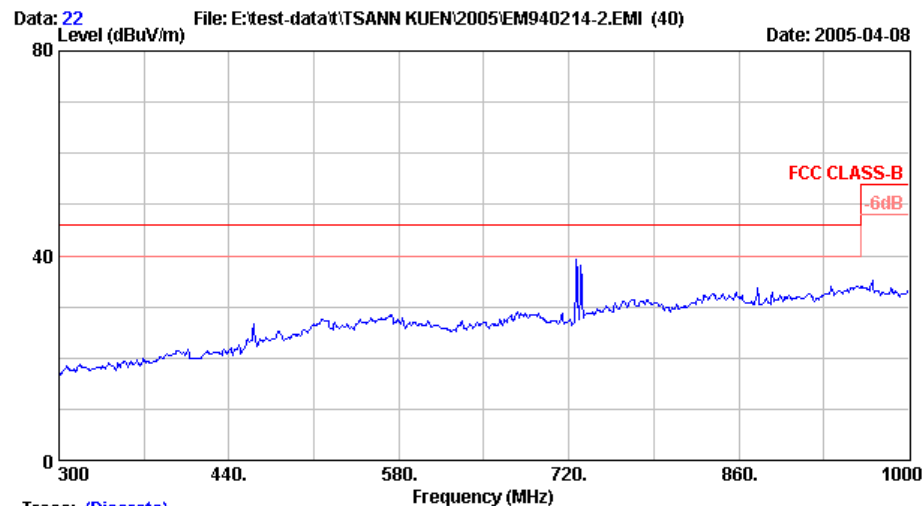


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 24
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Sing		
	700 milliliters of waters in the beaker located in the center of the oven		



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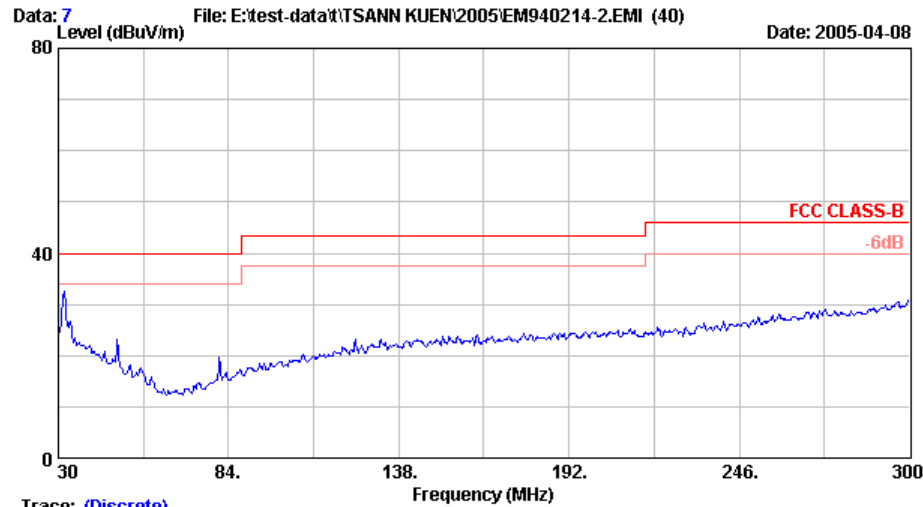


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 22
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Sing		
	700 milliliters of waters in the beaker located in the center of the oven		



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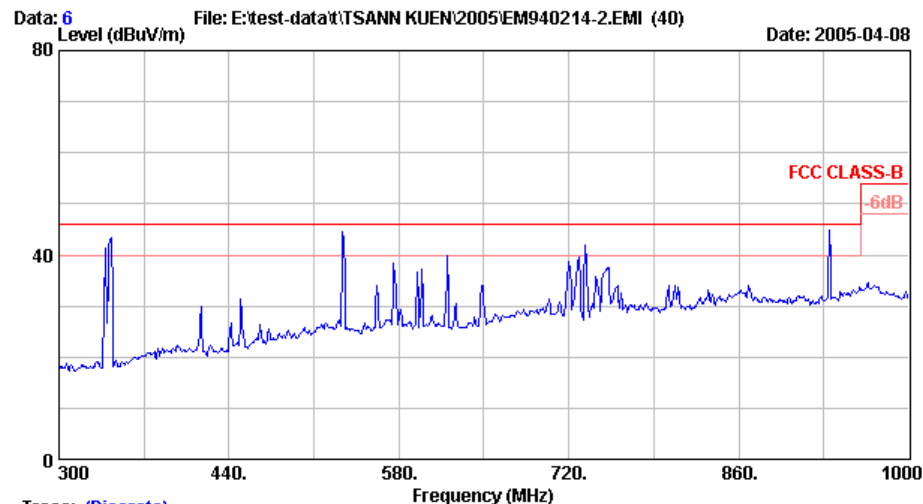


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 7
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Auto Defrost		
	700 milliliters of waters in the beaker located in the center of the oven		



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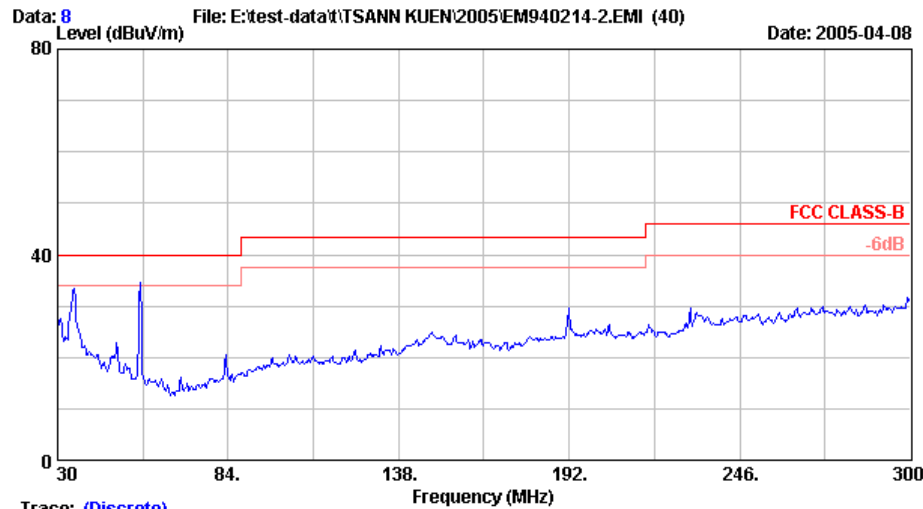


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 6
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/60%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702BME		
Power Rating	: 120Vac/60Hz		
Test Mode	: Auto Defrost		
	700 milliliters of waters in the beaker located in the center of the oven		



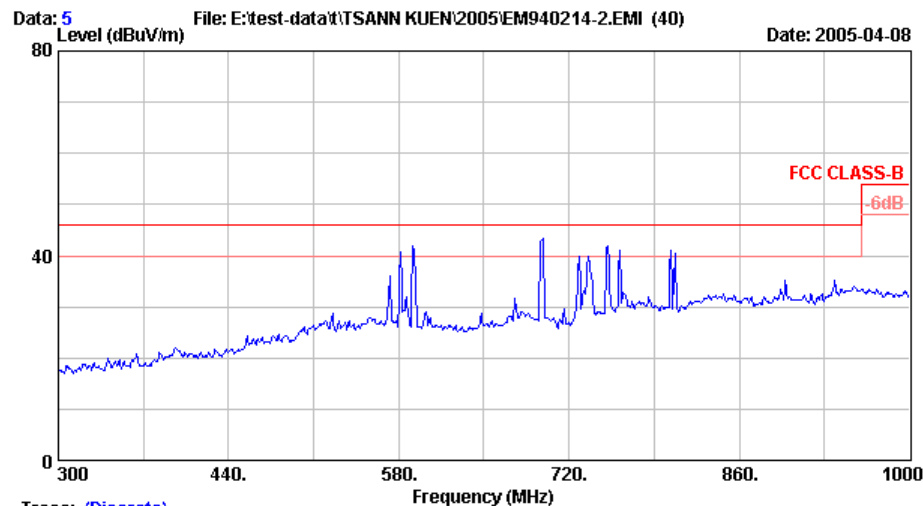
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Site no. : A/C Chamber Data no. : 8
Dis. / Ant. : 3m BBA9106 (A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702BME
Power Rating : 120Vac/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven



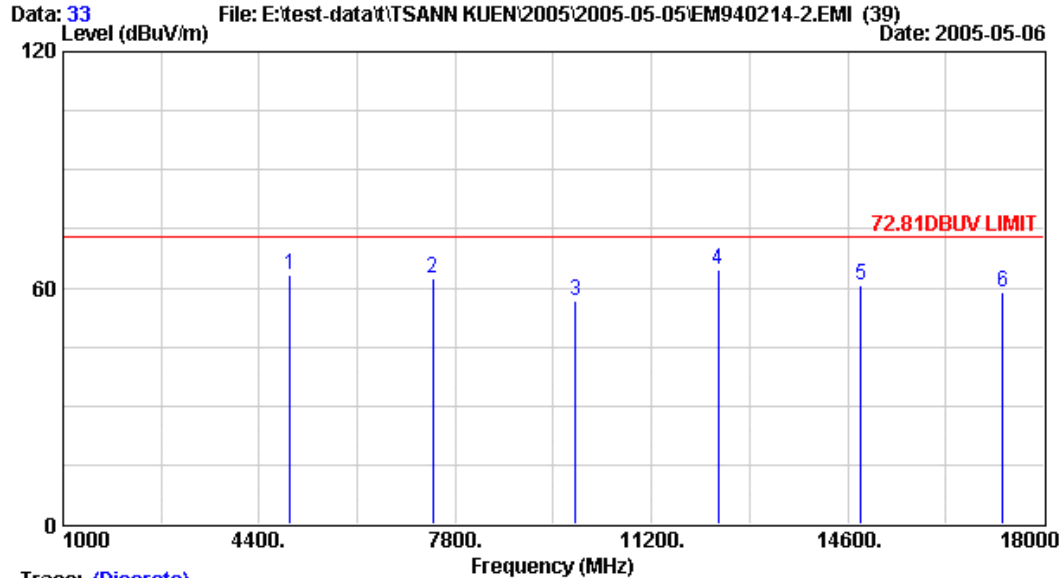
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Site no. : A/C Chamber Data no. : 5
Dis. / Ant. : 3m UHALP9108-A (0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702BME
Power Rating : 120Vac/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven



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Trace: (Discrete)

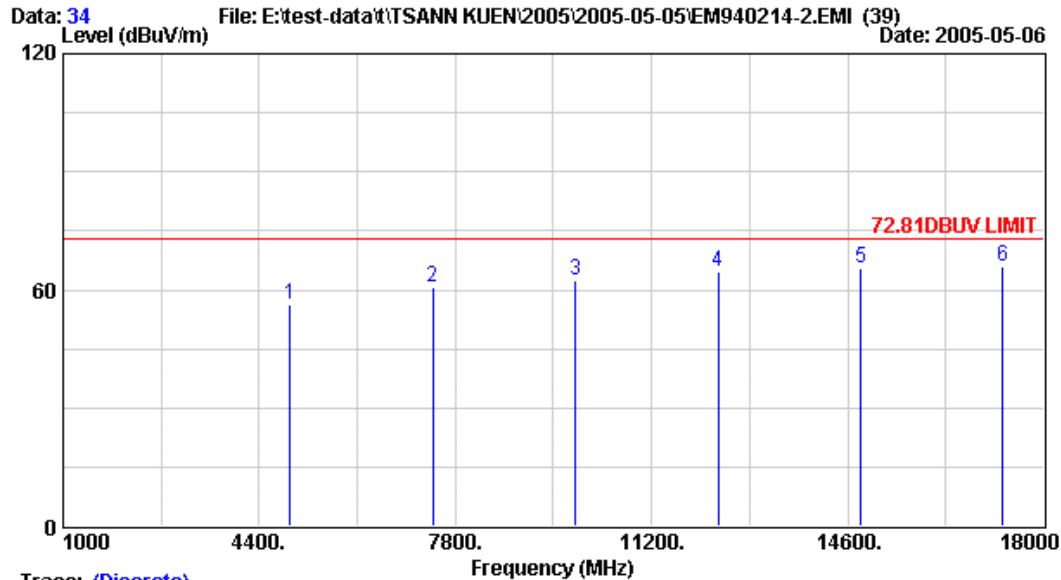
Site no. : A/C Chamber Data no. : 33
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.81DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702BME
 Power Rating : 120V/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the center of the oven

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4940.800	33.89	9.16	20.36	63.41	72.81	9.40	Average	
2 7411.200	37.10	11.51	13.91	62.52	72.81	10.29	Average	
3 9881.600	38.47	12.91	5.33	56.71	72.81	16.10	Average	
4 12352.000	38.87	15.00	10.87	64.74	72.81	8.07	Average	
5 14822.400	39.20	16.82	4.72	60.74	72.81	12.07	Average	
6 17292.800	43.34	17.16	-1.68	58.82	72.81	13.99	Average	

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



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Trace: (Discrete)

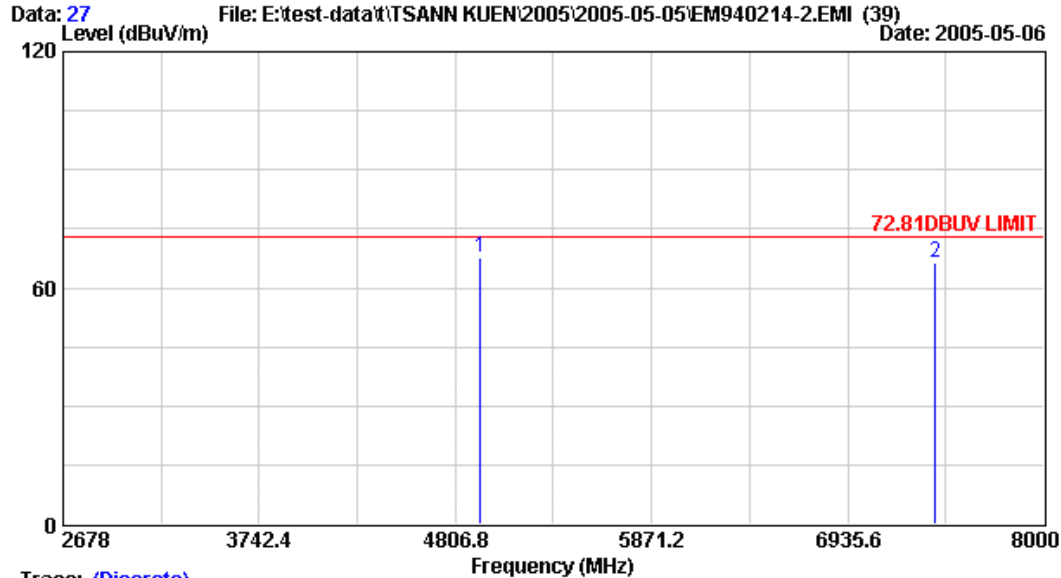
Site no. : A/C Chamber Data no. : 34
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.81DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702BME
 Power Rating : 120V/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the center of the oven

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4940.800	33.89	9.16	13.00	56.04	72.81	16.77	Average	
2 7411.200	37.10	11.51	11.94	60.55	72.81	12.26	Average	
3 9881.600	38.47	12.91	11.03	62.41	72.81	10.40	Average	
4 12352.000	38.87	15.00	10.57	64.44	72.81	8.37	Average	
5 14822.400	43.34	17.16	4.94	65.45	72.81	7.36	Average	
6 17292.800	39.20	16.82	9.99	66.00	72.81	6.81	Average	

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



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Trace: (Discrete)

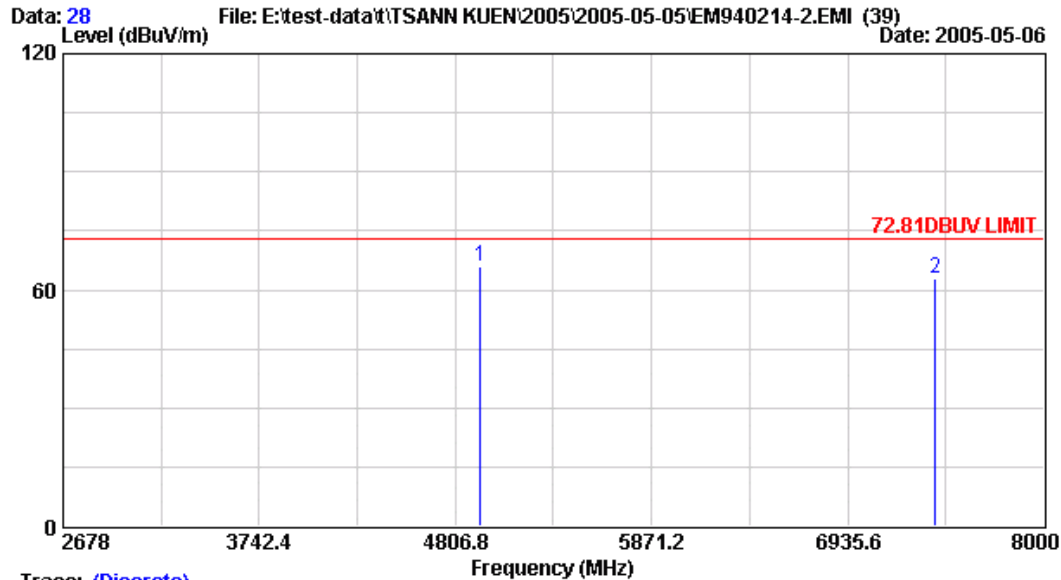
Site no. : A/C Chamber Data no. : 27
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.81DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702BME
 Power Rating : 120Vac/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the right front corner

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4940.800	33.89	9.16	24.45	67.50	72.81	5.31	Average	
2 7411.200	37.10	11.51	17.96	66.56	72.81	6.25	Average	

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



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Trace: (Discrete)

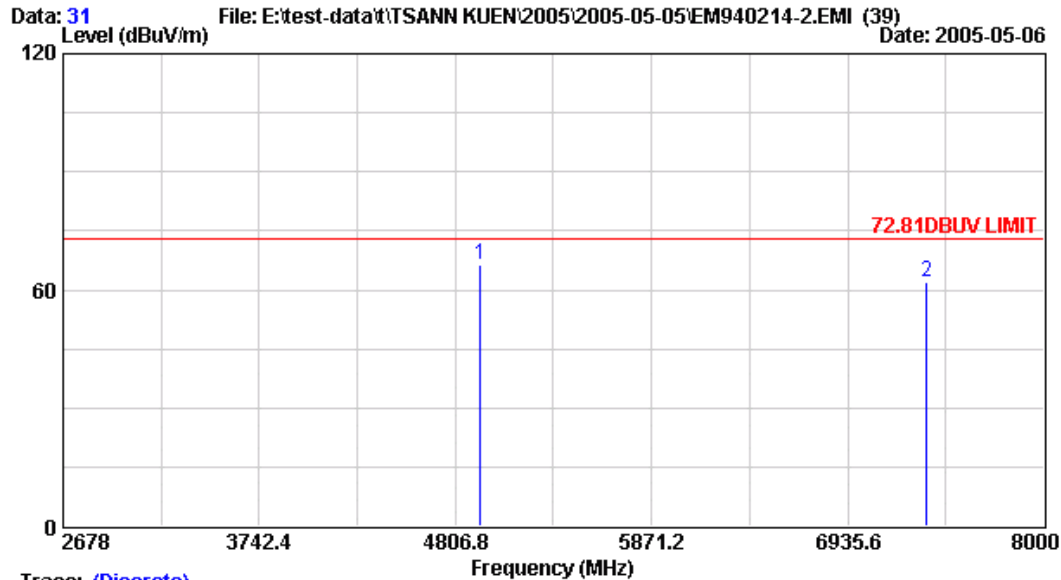
Site no. : A/C Chamber Data no. : 28
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.81DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702BME
 Power Rating : 120Vac/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the right front corner

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4940.800	33.89	9.16	22.77	65.82	72.81	6.99	Average	
2 7411.200	37.10	11.51	14.35	62.96	72.81	9.85	Average	

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



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Trace: (Discrete)

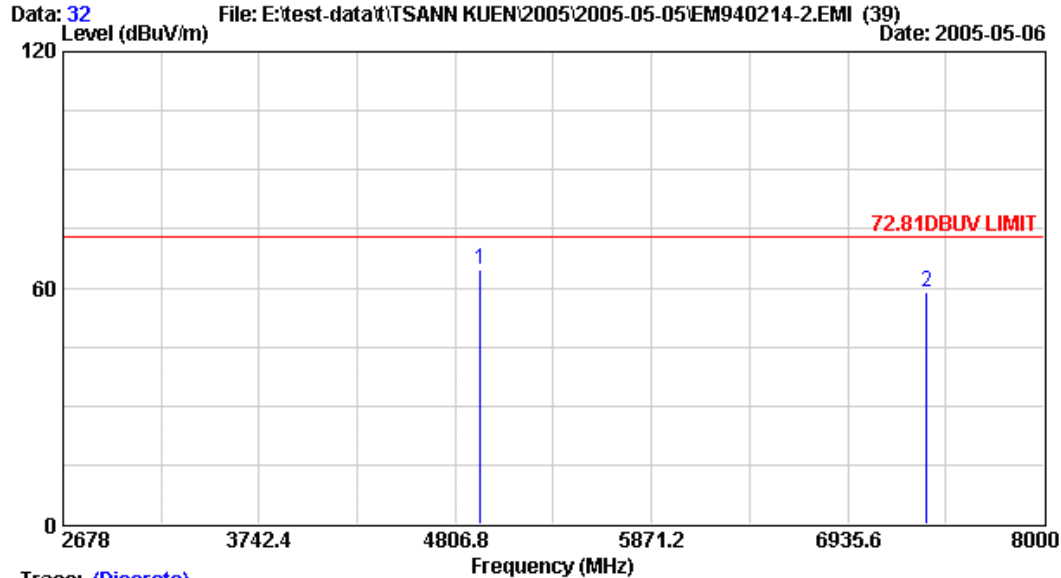
Site no. : A/C Chamber Data no. : 31
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.81DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702BME
 Power Rating : 120Vac/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the center of the oven

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4940.800	33.89	9.16	23.45	66.50	72.81	6.31	Average	
2 7364.400	37.10	11.51	13.37	61.98	72.81	10.83	Average	

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



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Trace: (Discrete)

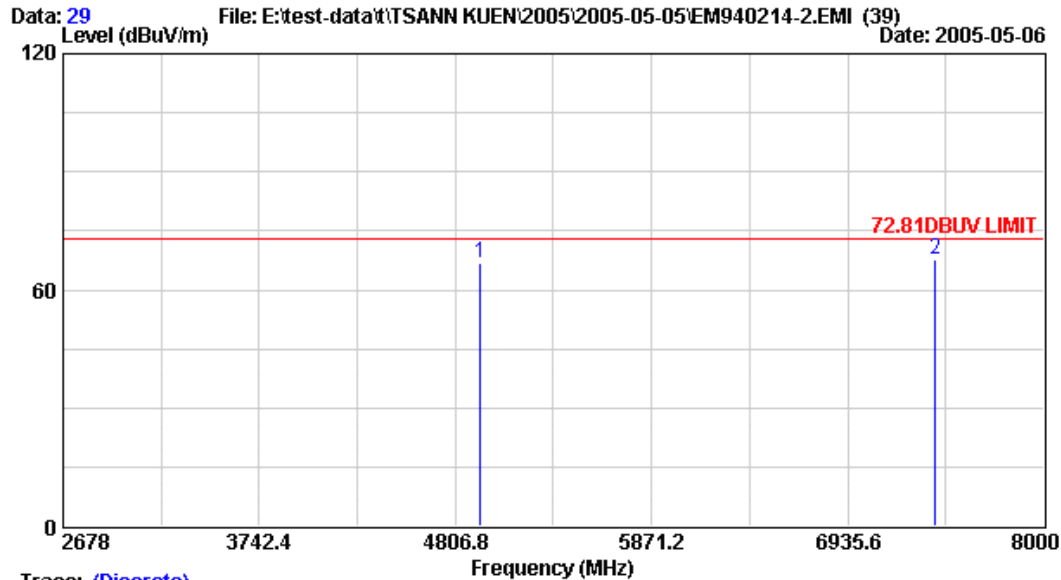
Site no. : A/C Chamber Data no. : 32
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.81DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702BME
 Power Rating : 120Vac/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the center of the oven

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4940.800	33.89	9.16	21.45	64.50	72.81	8.31	Average	
2 7364.400	37.10	11.51	10.32	58.93	72.81	13.88	Average	

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



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Trace: (Discrete)

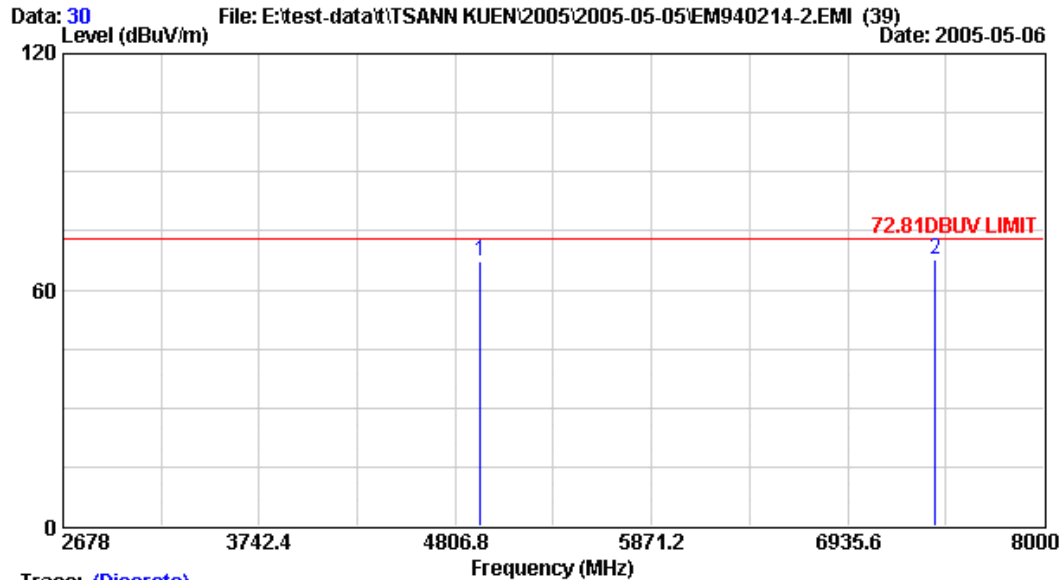
Site no. : A/C Chamber Data no. : 29
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.81DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702BME
 Power Rating : 120Vac/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the right front corner

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4940.800	33.89	9.16	23.66	66.71	72.81	6.10	Averag	
2 7411.200	37.10	11.51	18.92	67.52	72.81	5.29	Averag	

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



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Trace: (Discrete)

Site no. : A/C Chamber Data no. : 30
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.81DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/60% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702BME
 Power Rating : 120Vac/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the right front corner

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4940.800	33.89	9.16	24.16	67.21	72.81	5.60	Averag	
2 7411.200	37.10	11.51	18.92	67.52	72.81	5.29	Averag	

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

7.6.2. EUT : Microwave Oven M/N : TSK-M1702MA

Magnetron : Matsushita, Type 2M211A-M2J

EUT with following test modes were measured at Semi-Anechoic Chamber and all the test results are listed in next pages.

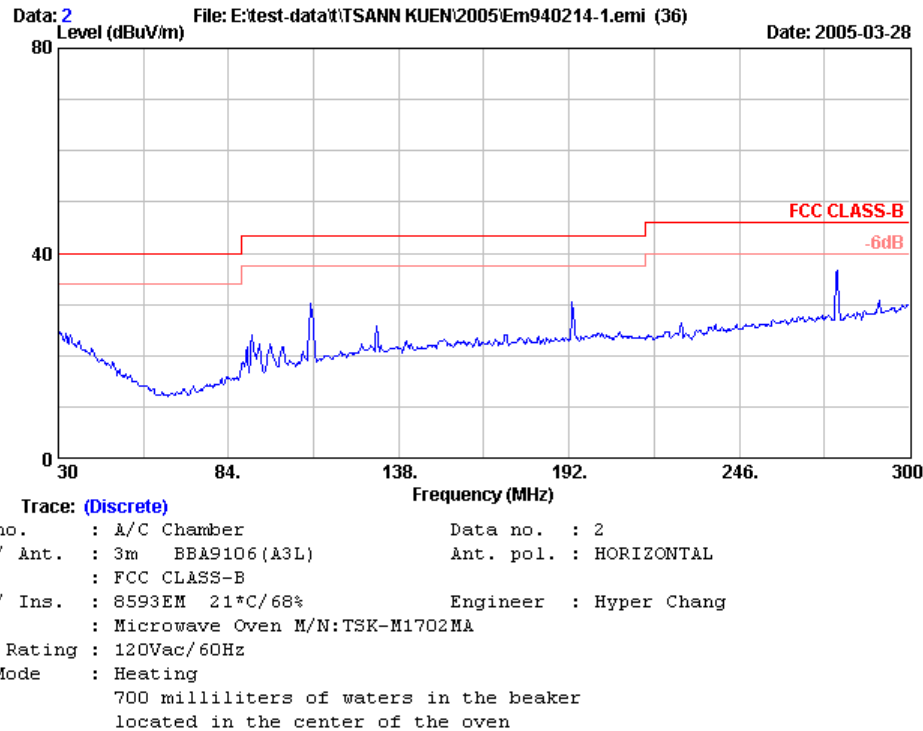
Test Date : Apr. 08, 2005 Temperature : 20°C Humidity : 60%

The details of test mode and reference test data are as follows :

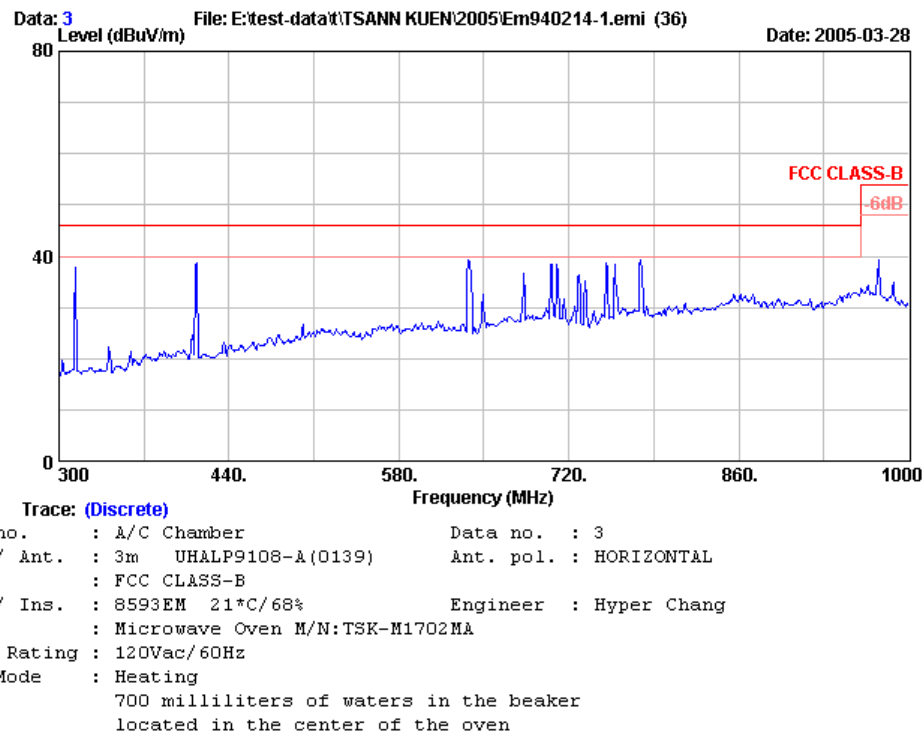
NO.	Frequency range	Test Mode	Reference Test Data No.	
			Horizontal	Vertical
1.	Below 1GHz (30MHz-1GHz)	Load: 700ml, Beaker Location: Center (Heating)	# 2, #3	# 1, #4
2.		Load: 700ml, Beaker Location: Center (Max.)	# 18, #19	# 17, #20
3.		Load: 700ml, Beaker Location: Center (Mid.)	# 15, #14	# 16, #13
4.		Load: 700ml, Beaker Location: Center (Min.)	# 10, #11	# 9, #12
5.		Load: 700ml, Beaker Location: Center (Auto Defrost)	# 7, #6	# 8, #5
6.	Above 1GHz (1GHz-18GHz)	Load: 700ml, Beaker Location: Center	# 30	# 29
7.	Above 1GHz. (On second and third harmonics)	Load: 700ml, Beaker Location: Right Front Corner	# 32	# 31
8.		Load: 300ml, Beaker Location: Center	# 36	# 35
9.		Load: 300ml, Beaker Location: Right Front Corner	# 34	# 33



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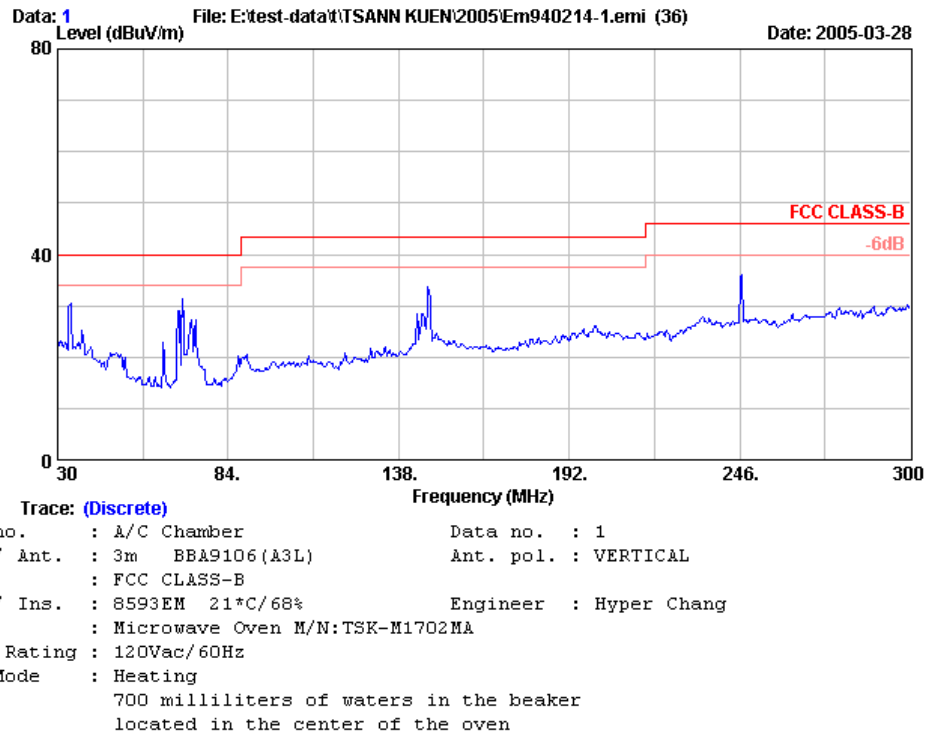


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Email:ttemc@ttemc.com.tw

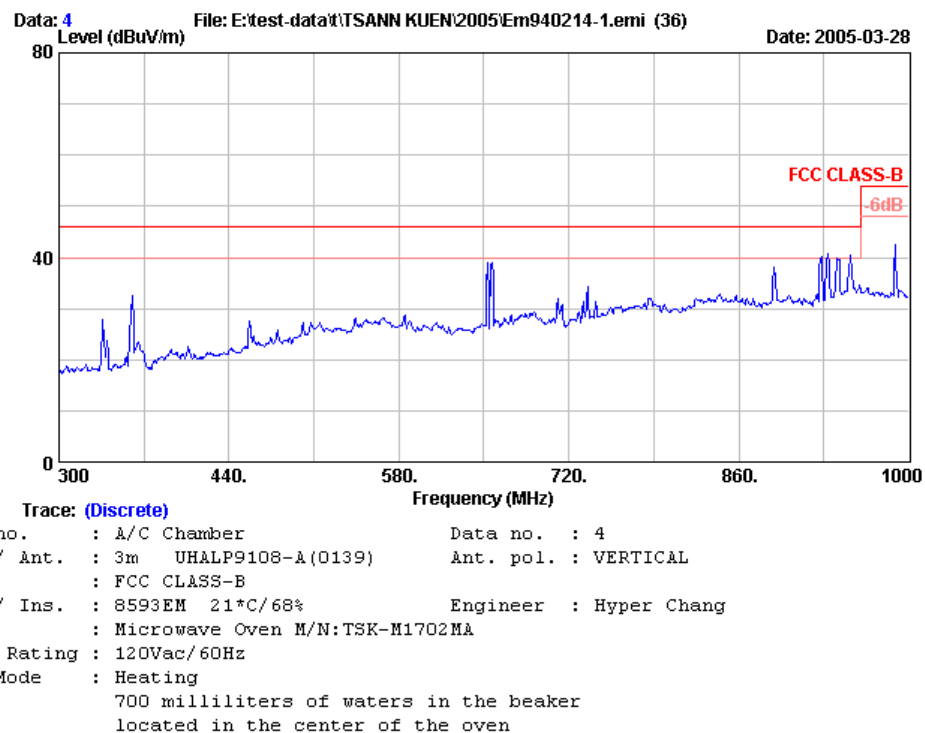




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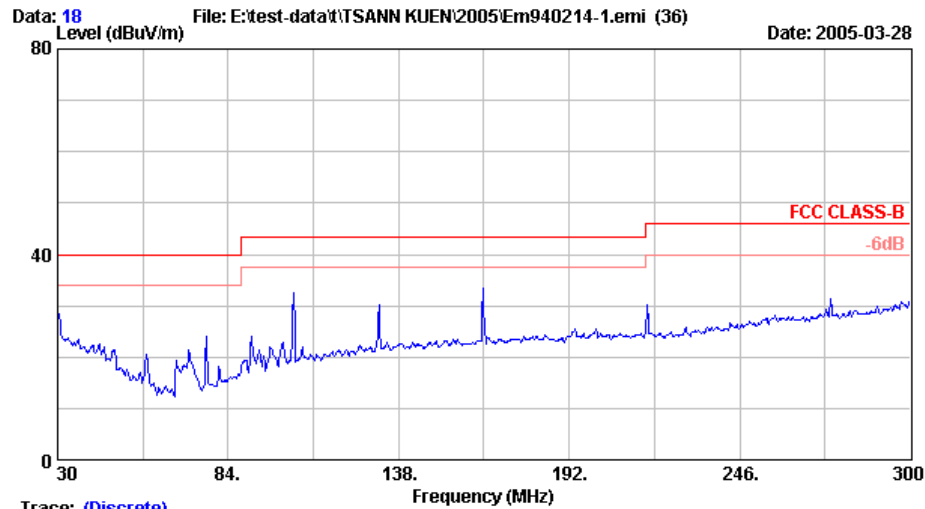


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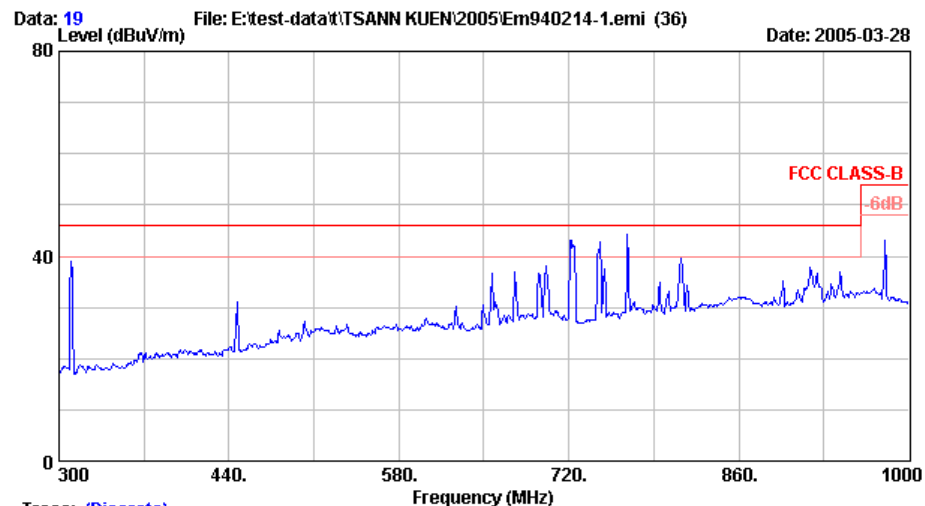
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Site no. : A/C Chamber Data no. : 18
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : Max
700 milliliters of waters in the beaker
located in the center of the oven



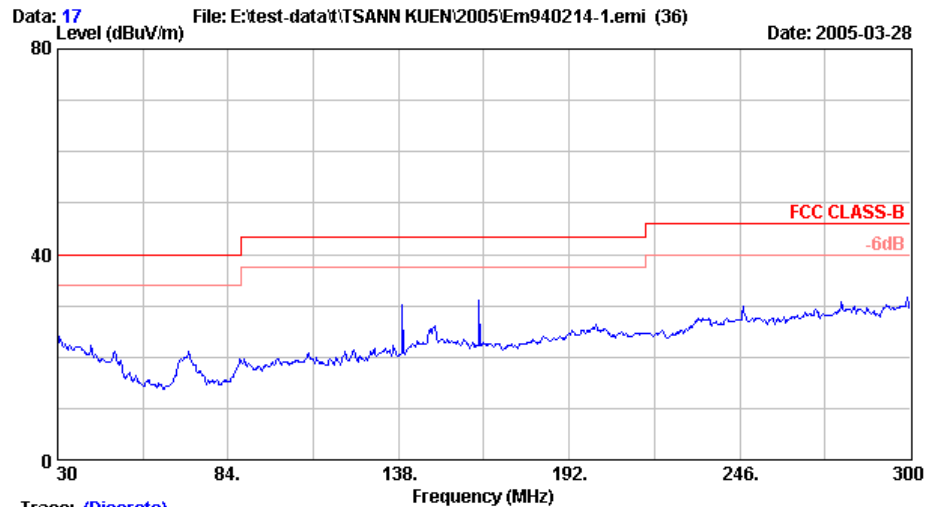
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Site no. : A/C Chamber Data no. : 19
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : Max
700 milliliters of waters in the beaker
located in the center of the oven



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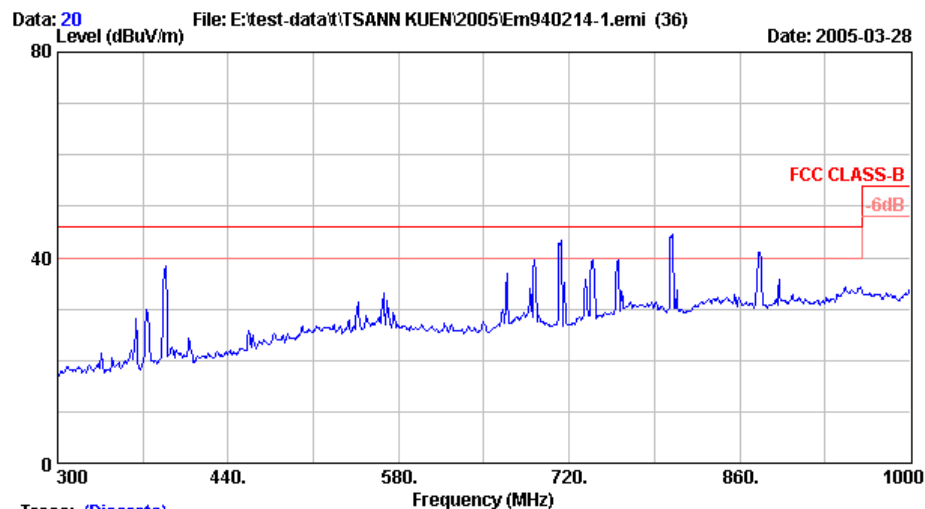


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 17
Dis. / Ant. : 3m BBA9106(A3L)	Ant. pol. : VERTICAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 21°C/68%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA	
Power Rating : 120Vac/60Hz	
Test Mode : Max	
700 milliliters of waters in the beaker located in the center of the oven	



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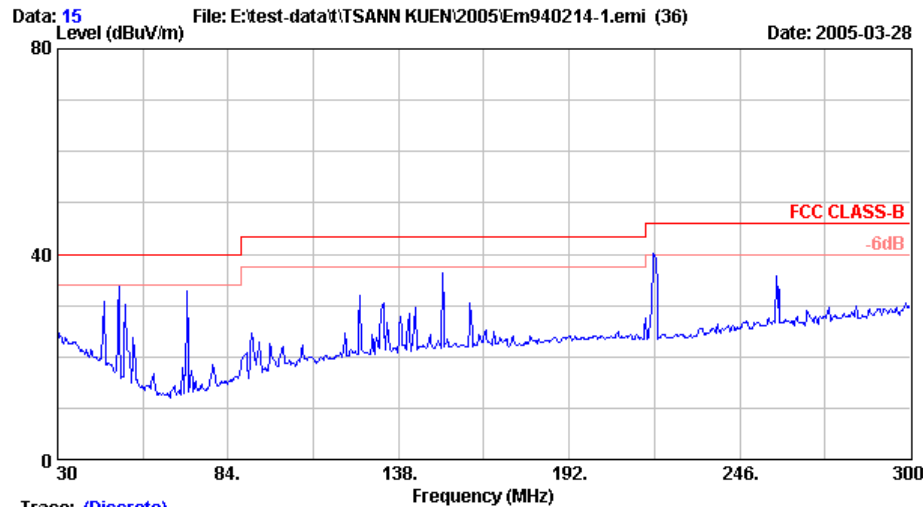


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 20
Dis. / Ant. : 3m UHALP9108-A(0139)	Ant. pol. : VERTICAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 21°C/68%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA	
Power Rating : 120Vac/60Hz	
Test Mode : Max	
700 milliliters of waters in the beaker located in the center of the oven	



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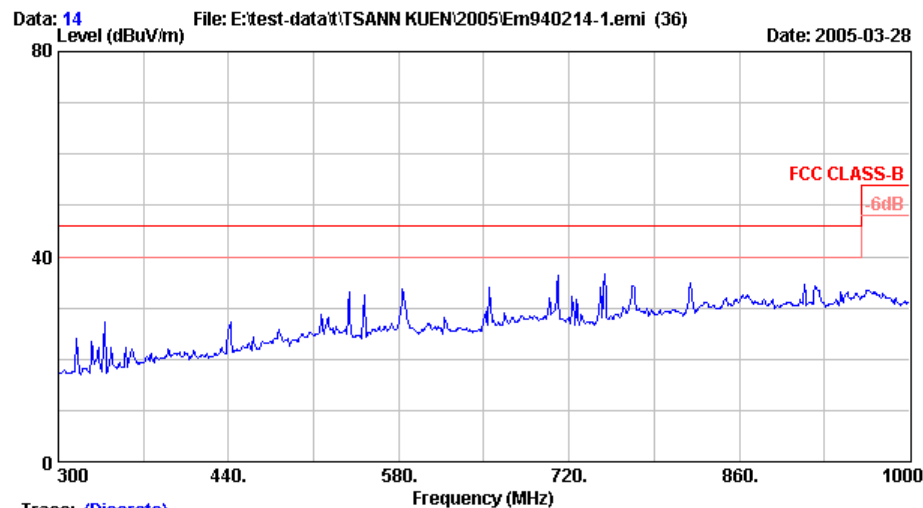
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 15
Dis. / Ant. : 3m BBA9106(A3L)	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 21°C/68%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA	
Power Rating : 120Vac/60Hz	
Test Mode : Mid	

700 milliliters of waters in the beaker
located in the center of the oven



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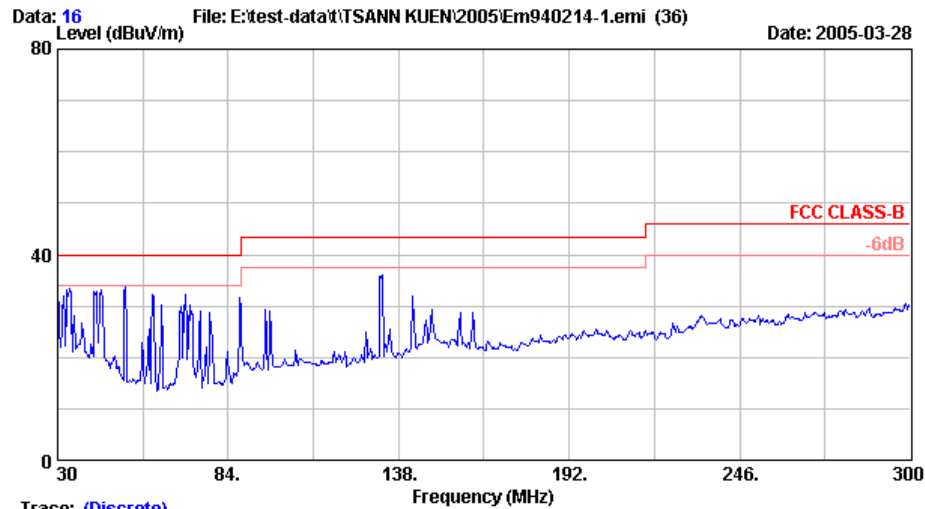
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 14
Dis. / Ant. : 3m UHALP9108-A(0139)	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 21°C/68%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA	
Power Rating : 120Vac/60Hz	
Test Mode : Mid	

700 milliliters of waters in the beaker
located in the center of the oven



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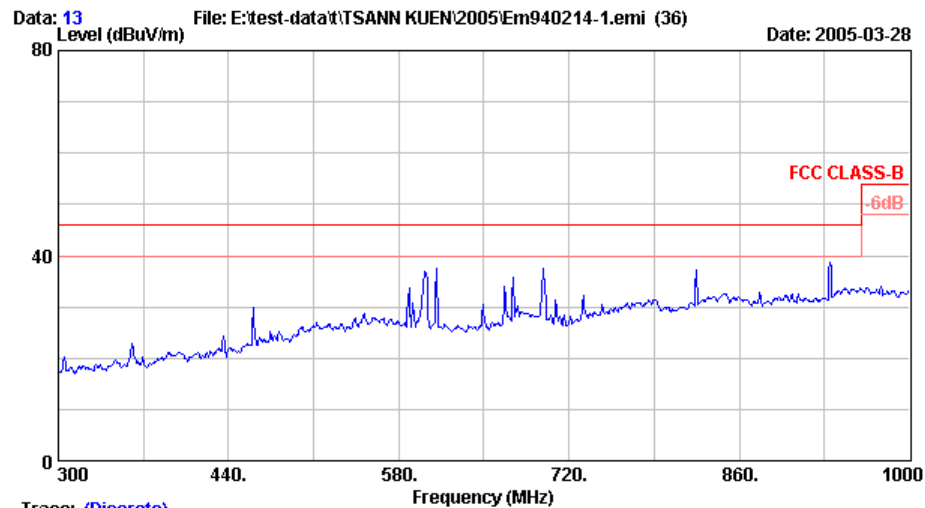
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 16
Dis. / Ant. : 3m BBA9106(A3L)	Ant. pol. : VERTICAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 21°C/68%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA	
Power Rating : 120Vac/60Hz	
Test Mode : Mid	

700 milliliters of waters in the beaker
located in the center of the oven



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Trace: (Discrete)

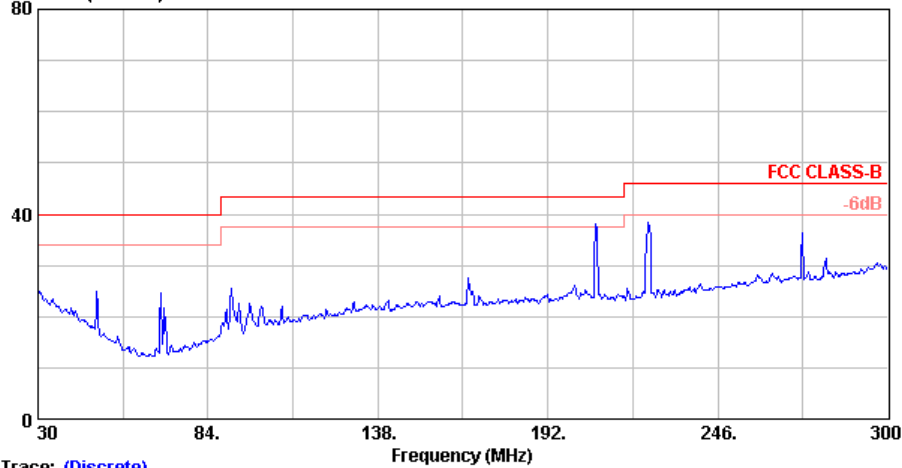
Site no. : A/C Chamber	Data no. : 13
Dis. / Ant. : 3m UHALP9108-A(0139)	Ant. pol. : VERTICAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 21°C/68%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA	
Power Rating : 120Vac/60Hz	
Test Mode : Mid	

700 milliliters of waters in the beaker
located in the center of the oven



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Data: 10 File: E:\test-data\TSANN KUEN\2005\Em940214-1.emi (36) Date: 2005-03-28
Level (dBuV/m)



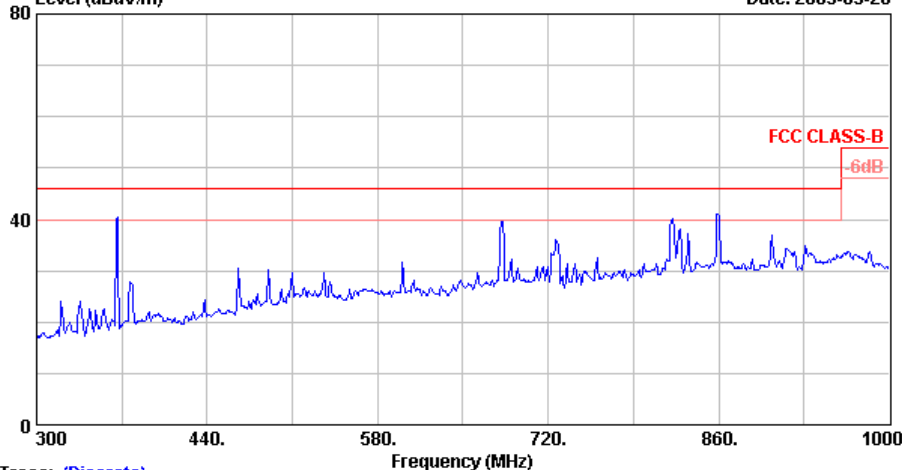
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 10
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : Min
700 milliliters of waters in the beaker
located in the center of the oven



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Data: 11 File: E:\test-data\TSANN KUEN\2005\Em940214-1.emi (36) Date: 2005-03-28
Level (dBuV/m)

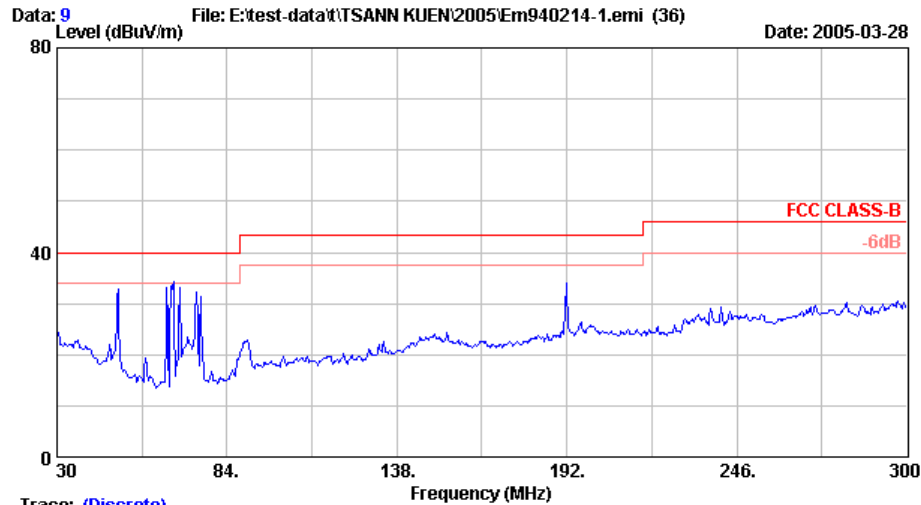


Trace: (Discrete)

Site no. : A/C Chamber Data no. : 11
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : Min
700 milliliters of waters in the beaker
located in the center of the oven



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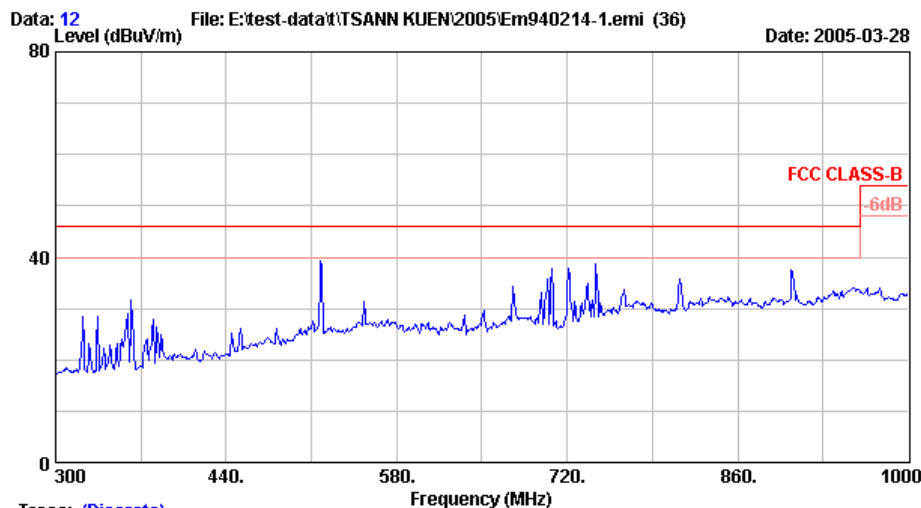


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 9
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 21°C/68%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702MA		
Power Rating	: 120Vac/60Hz		
Test Mode	: Min		
	700 milliliters of waters in the beaker		
	located in the center of the oven		



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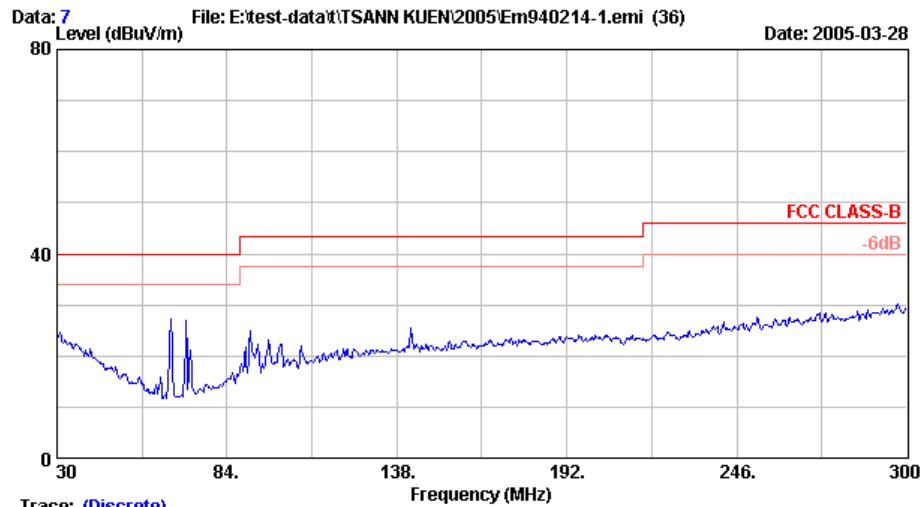


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 12
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 21°C/68%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702MA		
Power Rating	: 120Vac/60Hz		
Test Mode	: Min		
	700 milliliters of waters in the beaker		
	located in the center of the oven		



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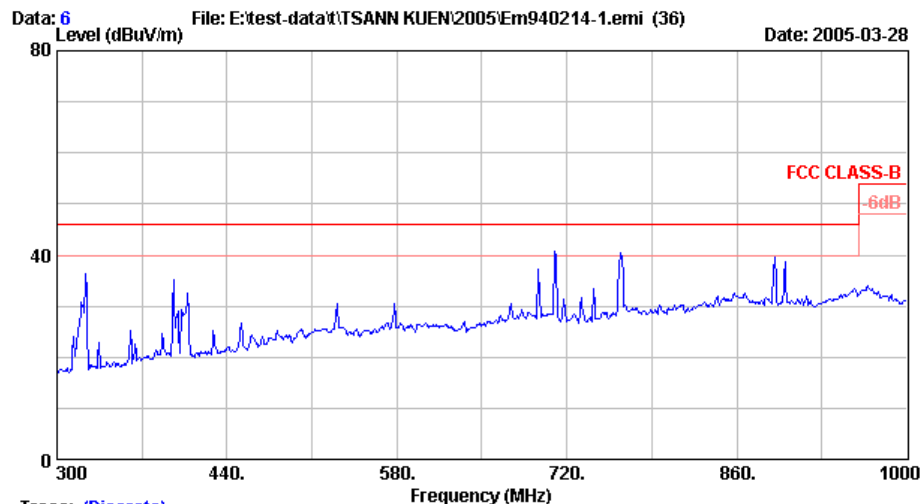


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 7
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 21°C/68%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702MA		
Power Rating	: 120Vac/60Hz		
Test Mode	: Auto Defrost		
	700 milliliters of waters in the beaker located in the center of the oven		



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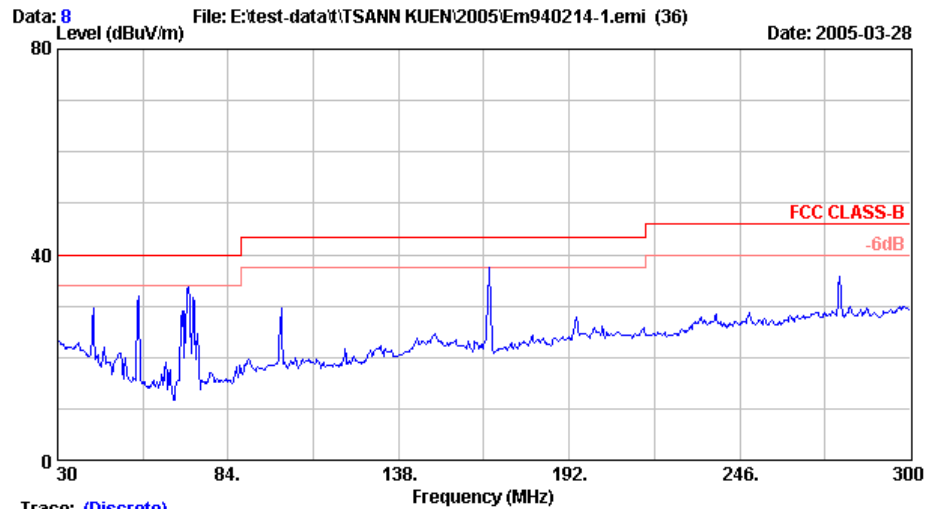


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 6
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 21°C/68%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1702MA		
Power Rating	: 120Vac/60Hz		
Test Mode	: Auto Defrost		
	700 milliliters of waters in the beaker located in the center of the oven		



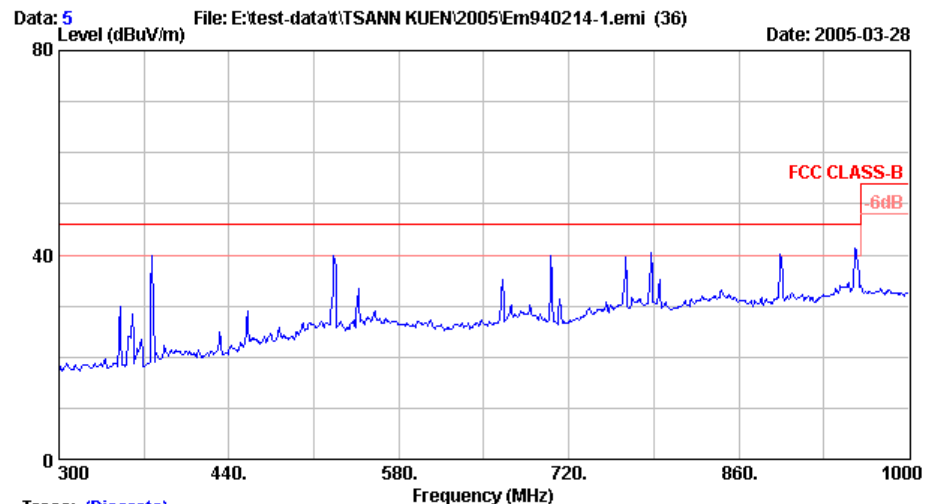
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Site no. : A/C Chamber Data no. : 8
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven



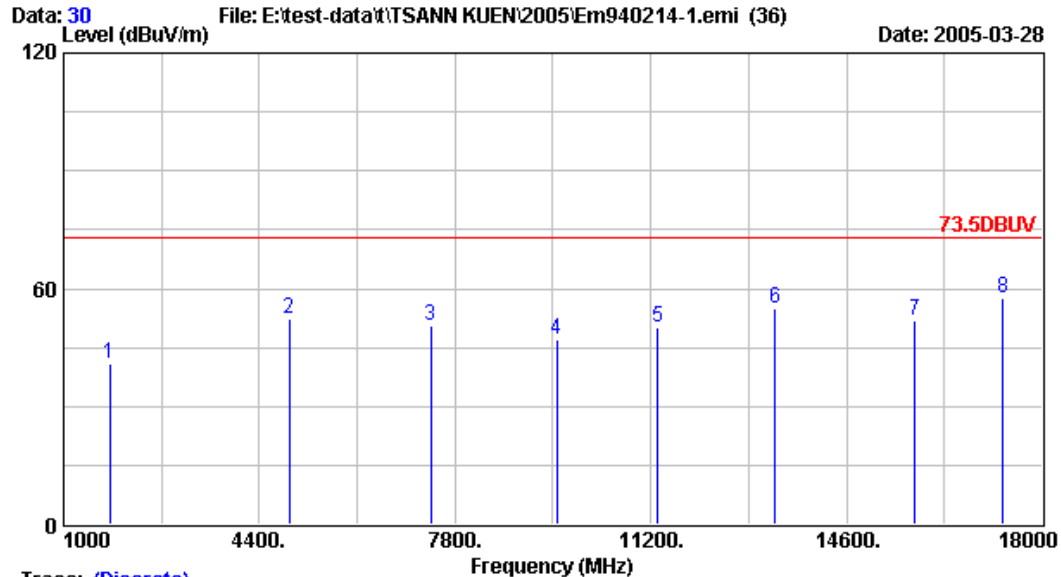
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Site no. : A/C Chamber Data no. : 5
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1702MA
Power Rating : 120Vac/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven



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Trace: (Discrete)

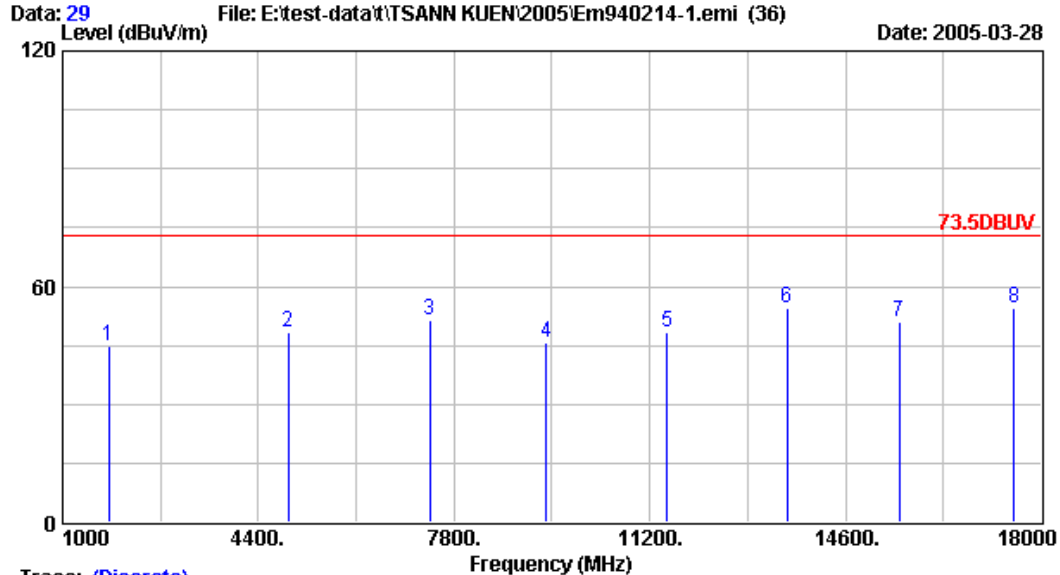
Site no. : A/C Chamber Data no. : 30
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 73.5DBUV
 Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702MA
 Power Rating : 120Vac/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the center of the oven

	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)	
1	1799.000	26.91	6.92	7.08	40.90	72.81	31.91	Average
2	4927.000	33.92	9.13	9.07	52.12	72.81	20.69	Average
3	7375.000	37.10	11.51	1.80	50.41	72.81	22.40	Average
4	9568.000	38.17	13.05	-4.14	47.08	72.81	25.73	Average
5	11319.000	38.97	14.98	-3.78	50.17	72.81	22.64	Average
6	13359.000	41.35	15.51	-1.72	55.14	72.81	17.67	Average
7	15790.000	38.26	16.97	-3.25	51.98	72.81	20.83	Average
8	17320.000	44.27	17.37	-4.24	57.40	72.81	15.41	Average

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



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Trace: (Discrete)

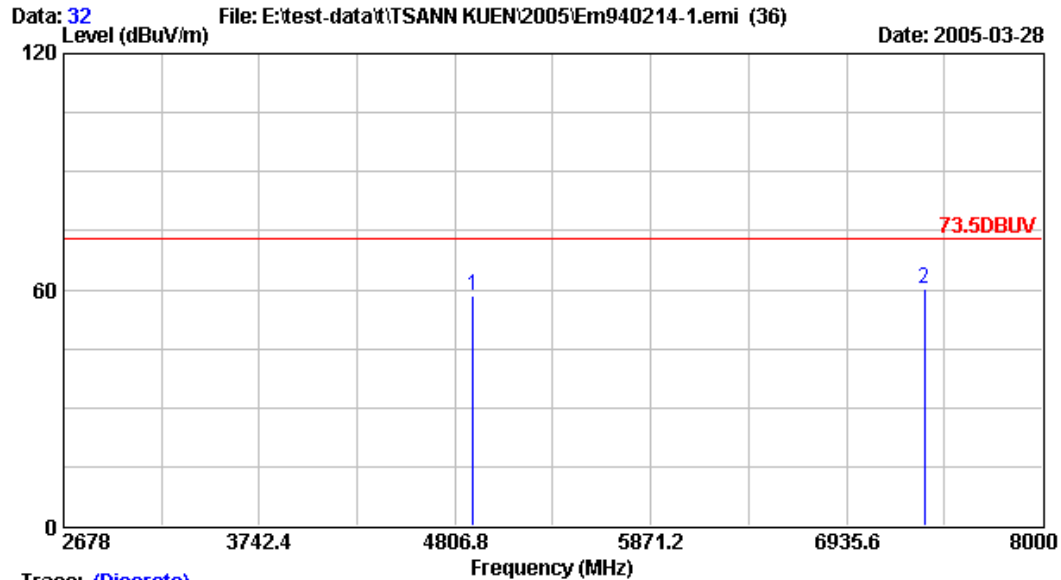
Site no. : A/C Chamber Data no. : 29
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 73.5DBUV
 Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702MA
 Power Rating : 120Vac/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the center of the oven

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 1799.000	26.91	6.92	10.82	44.65	72.81	28.16	Average	
2 4927.000	33.92	9.13	5.50	48.55	72.81	24.26	Average	
3 7375.000	37.10	11.51	2.62	51.23	72.81	21.58	Average	
4 9398.000	38.21	13.07	-5.39	45.88	72.81	26.93	Average	
5 11506.000	39.10	15.18	-5.93	48.36	72.81	24.45	Average	
6 13580.000	41.98	15.88	-3.30	54.56	72.81	18.25	Average	
7 15535.000	38.21	16.65	-3.90	50.96	72.81	21.85	Average	
8 17524.000	45.51	17.72	-8.63	54.60	72.81	18.21	Average	

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



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Trace: (Discrete)

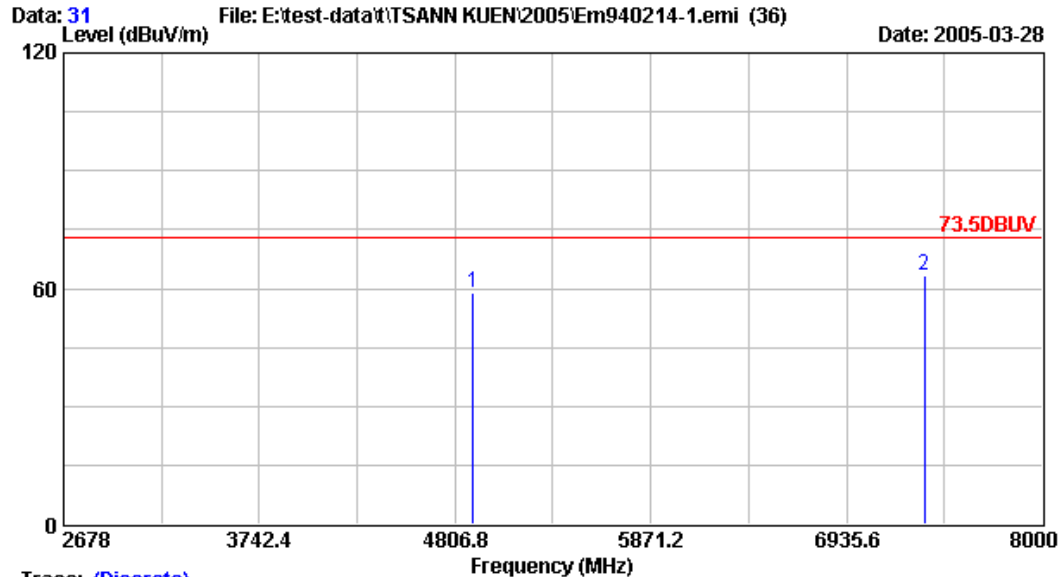
Site no. : A/C Chamber Data no. : 32
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 73.5DBUV
 Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702MA
 Power Rating : 120Vac/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the right front corner

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1	4907.200	33.85	9.16	15.38	58.39	72.81	14.42	Average
2	7360.800	37.10	11.48	11.43	60.01	72.81	12.80	Average

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



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Trace: (Discrete)

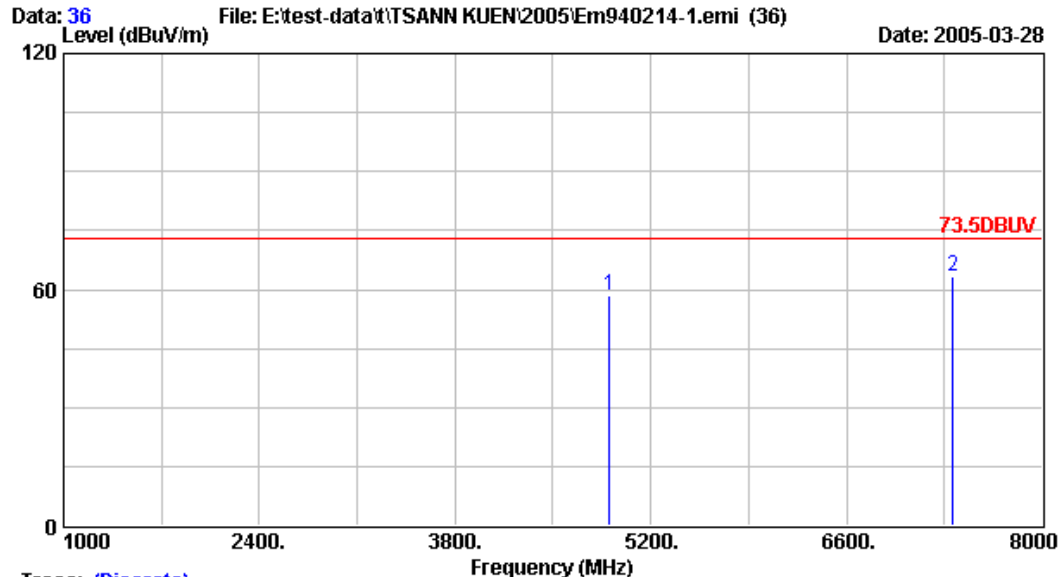
Site no. : A/C Chamber Data no. : 31
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 73.5DBUV
 Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702MA
 Power Rating : 120Vac/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the right front corner

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4907.200	33.85	9.16	15.81	58.82	72.81	13.99	Average	
2 7360.800	37.10	11.48	14.52	63.10	72.81	9.71	Average	

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



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Trace: (Discrete)

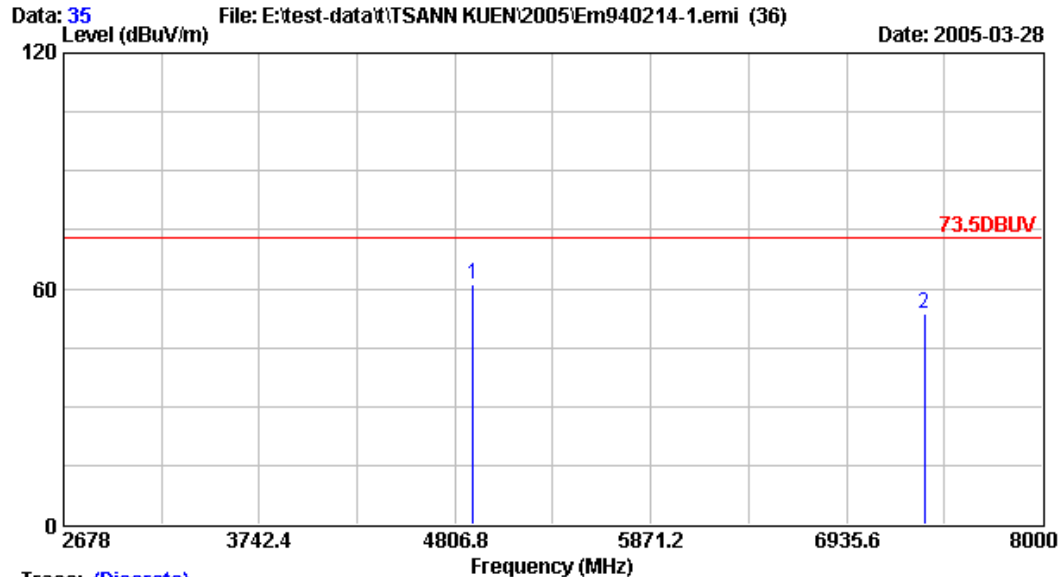
Site no. : A/C Chamber Data no. : 36
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 73.5DBUV
 Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702MA
 Power Rating : 120Vac/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the center of the oven

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1	4907.200	33.85	9.16	15.27	58.28	72.81	14.53	Average
2	7360.890	37.10	11.48	14.67	63.25	72.81	9.56	Average

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



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Trace: (Discrete)

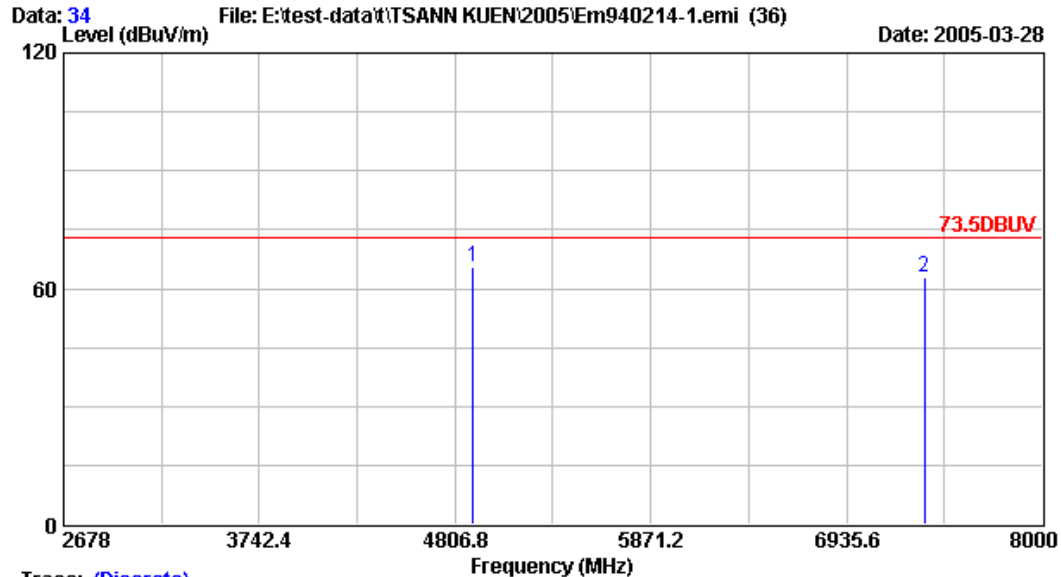
Site no. : A/C Chamber Data no. : 35
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 73.5DBUV
 Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702MA
 Power Rating : 120Vac/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the center of the oven

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4907.200	33.85	9.16	17.92	60.93	72.81	11.88	Average	
2 7360.800	37.10	11.48	4.93	53.51	72.81	19.30	Average	

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



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Trace: (Discrete)

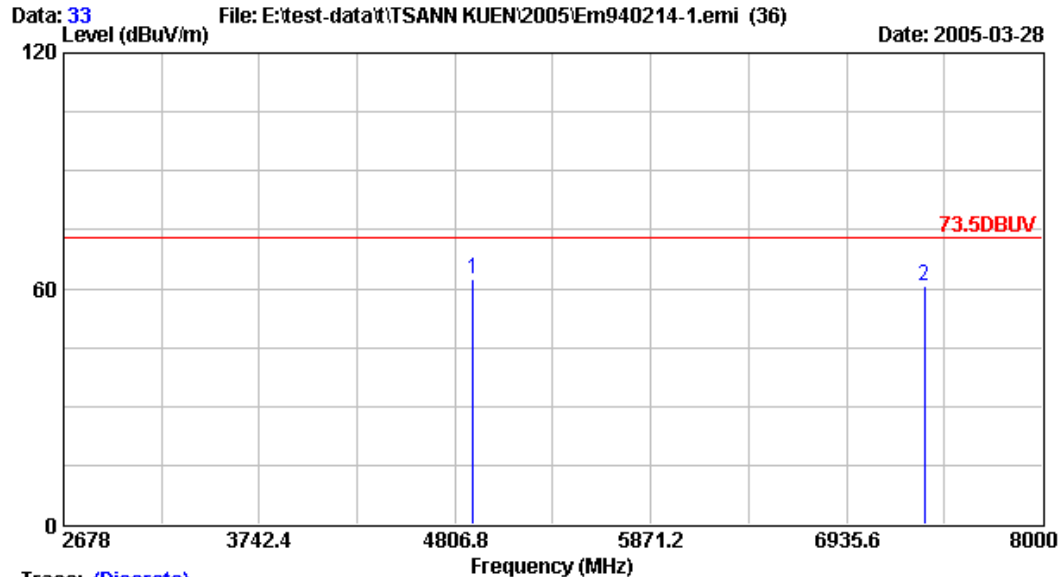
Site no. : A/C Chamber Data no. : 34
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 73.5DBUV
 Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702MA
 Power Rating : 120Vac/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the right front corner

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4907.200	33.85	9.16	22.48	65.49	72.81	7.32	Average	
2 7360.800	37.10	11.48	14.39	62.97	72.81	9.84	Average	

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



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Trace: (Discrete)

Site no. : A/C Chamber Data no. : 33
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 73.5DBUV
 Env. / Ins. : 8593EM 21°C/68% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1702MA
 Power Rating : 120Vac/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the right front corner

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4907.200	33.85	9.16	19.48	62.49	72.81	10.32	Average	
2 7360.800	37.10	11.48	11.96	60.54	72.81	12.27	Average	

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

7.6.3. EUT : Microwave Oven M/N : TSK-M1704MA

Magnetron : Witol. Type 2M315H

EUT with following test modes were measured at Semi-Anechoic Chamber and all the test results are listed in next pages.

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%

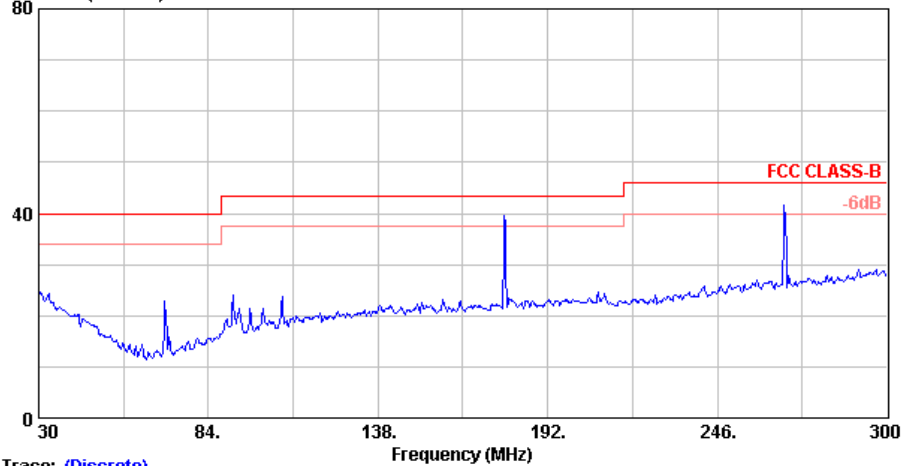
The details of test mode and reference test data are as follows :

NO.	Frequency range	Test Mode	Reference Test Data No.	
			Horizontal	Vertical
1.	Below 1GHz (30MHz-1GHz)	Load: 700ml, Beaker Location: Center (Heating)	# 2, #19	# 1, #20
2.		Load: 700ml, Beaker Location: Center (Max.)	# 10, #11	# 9, #12
3.		Load: 700ml, Beaker Location: Center (Mid.)	# 7, #14	# 8, #13
4.		Load: 700ml, Beaker Location: Center (Min.)	# 6, #15	# 5, #16
5.		Load: 700ml, Beaker Location: Center (Auto Defrost)	# 3, #18	#4, #17
6.	Above 1GHz (1GHz-18GHz)	Load: 700ml, Beaker Location: Center	# 38	# 37
7.	Above 1GHz. (On second and third harmonics)	Load: 700ml, Beaker Location: Right Front Corner	# 40	# 39
8.		Load: 300ml, Beaker Location: Center	# 44	# 43
9.		Load: 300ml, Beaker Location: Right Front Corner	# 42	# 41



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Data: 2 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



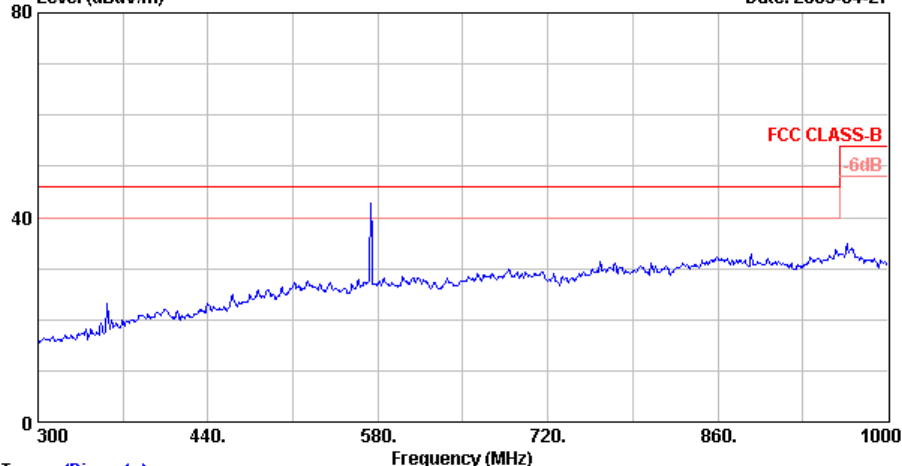
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Heating
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 19 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



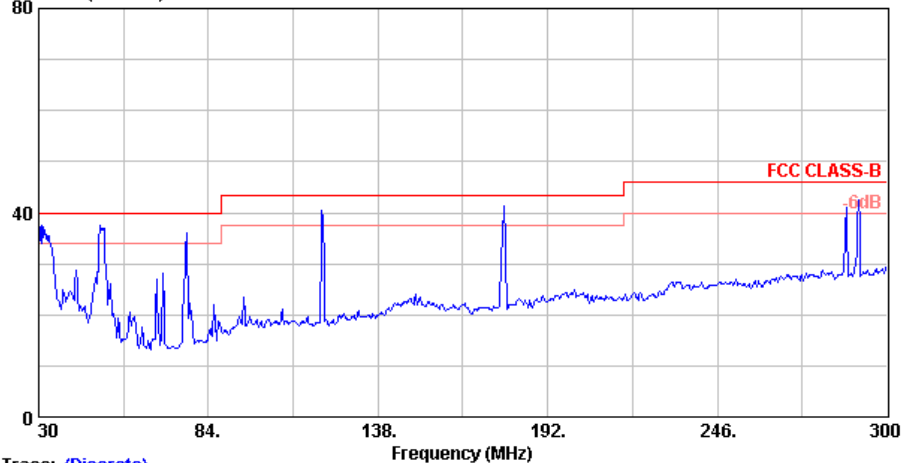
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 19
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Heating
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 1 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



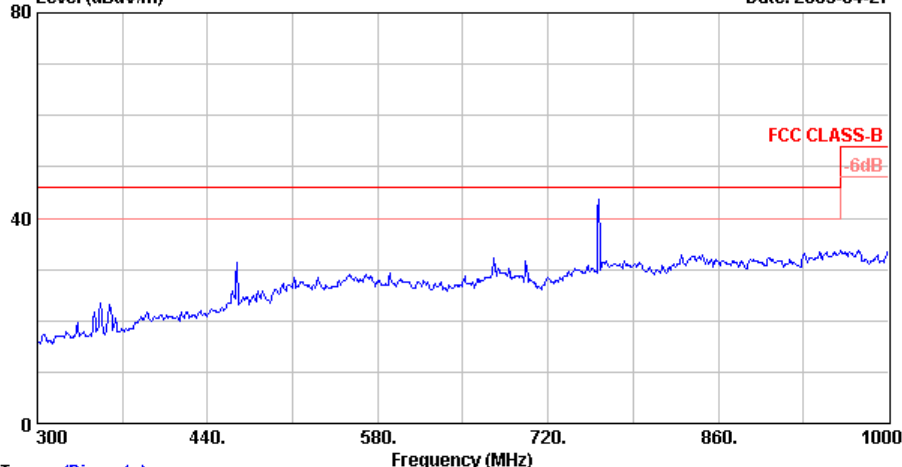
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 1
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Heating
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 20 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



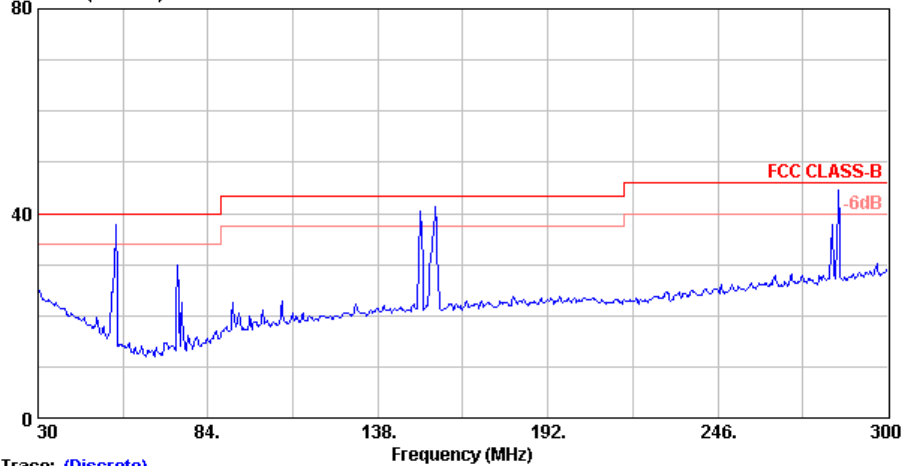
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 20
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Heating
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 10 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



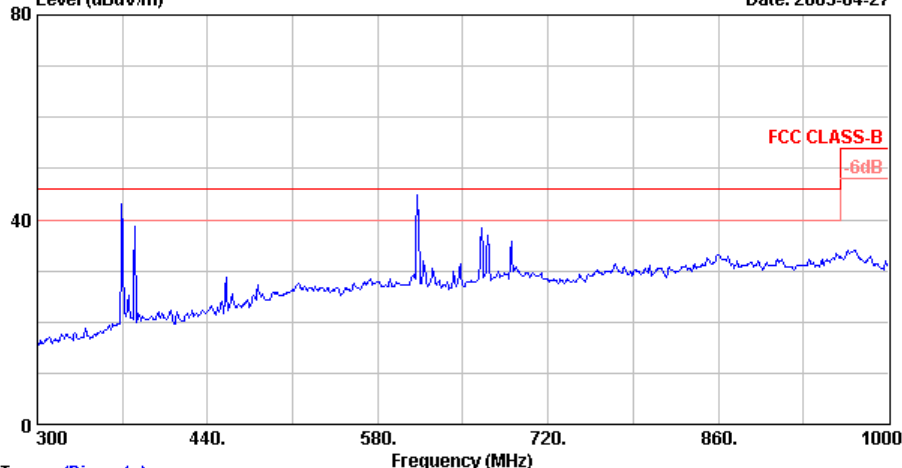
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 10
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Max
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 11 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



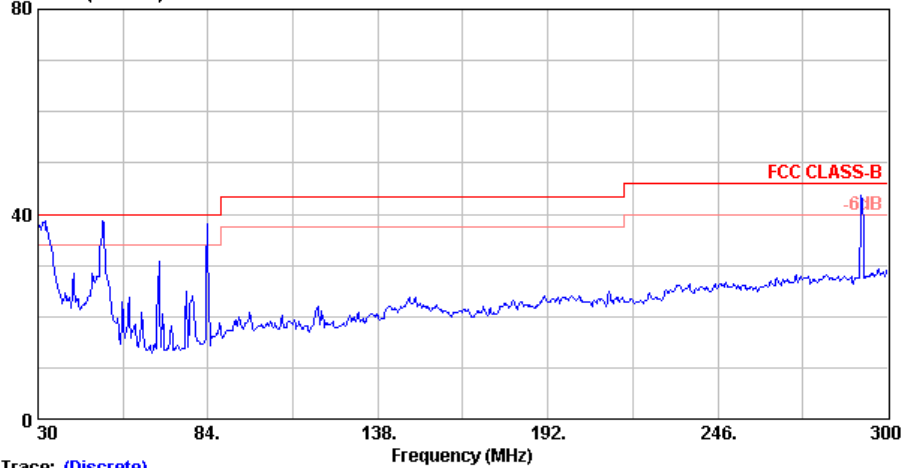
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 11
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Max
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 9 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



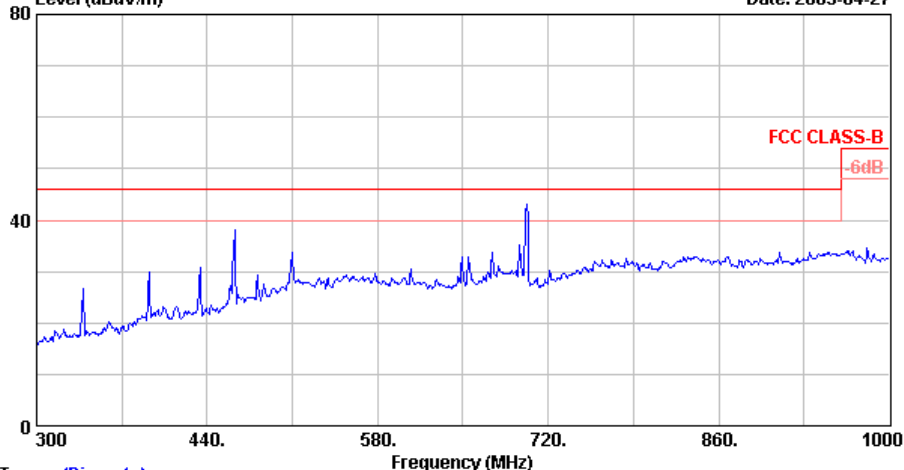
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 9
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Max
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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Data: 12 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



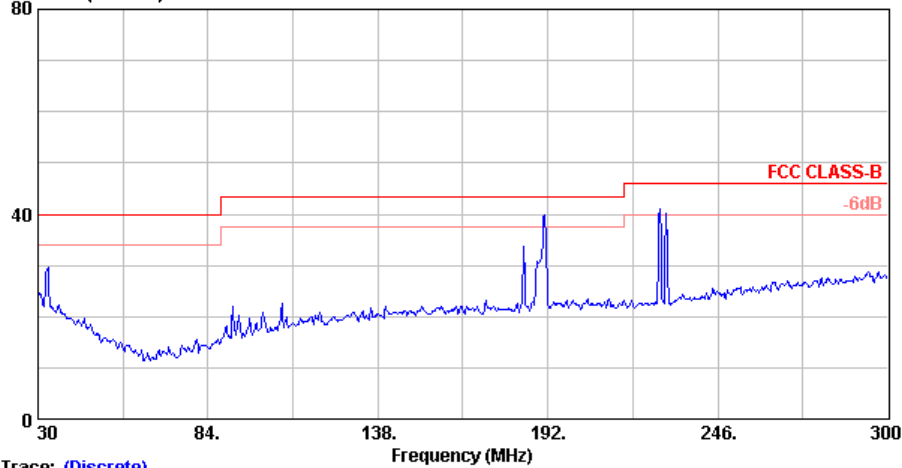
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 12
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Max
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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Data: 7 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



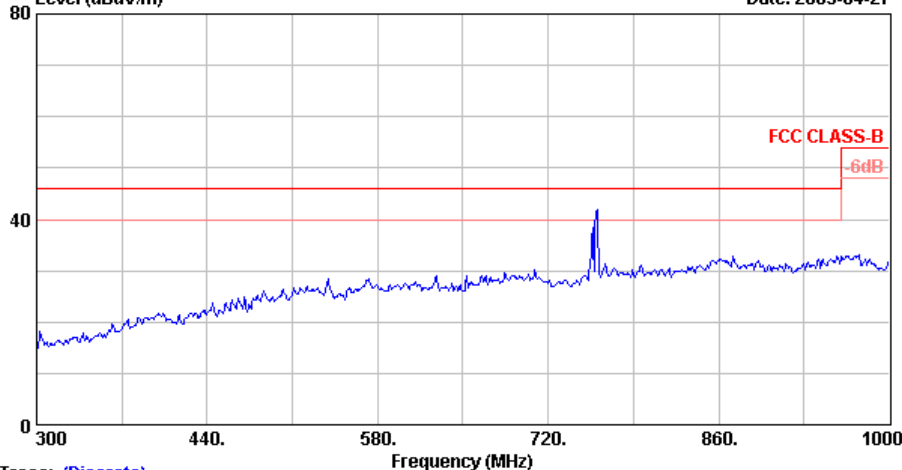
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Mid
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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Data: 14 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



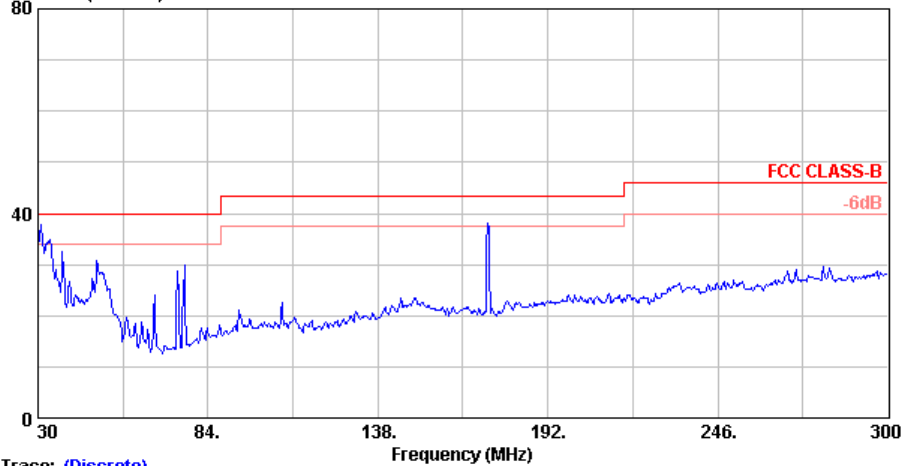
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 14
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Mid
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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Data: 8 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



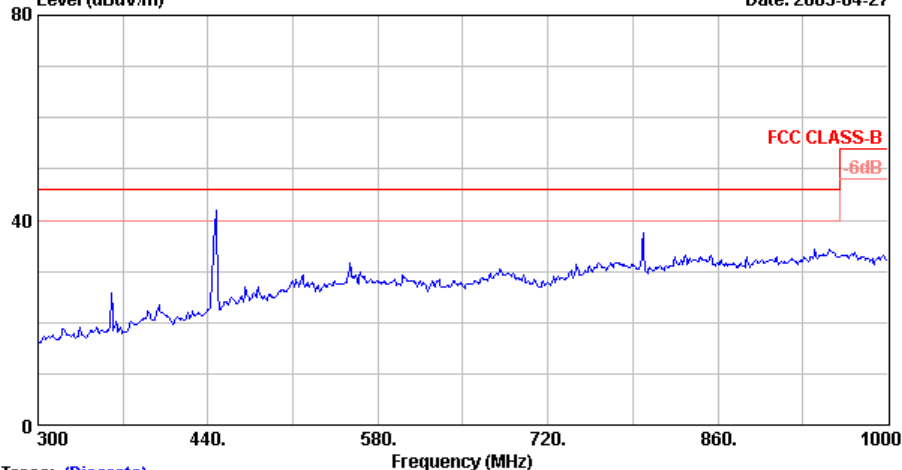
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Mid
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 13 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



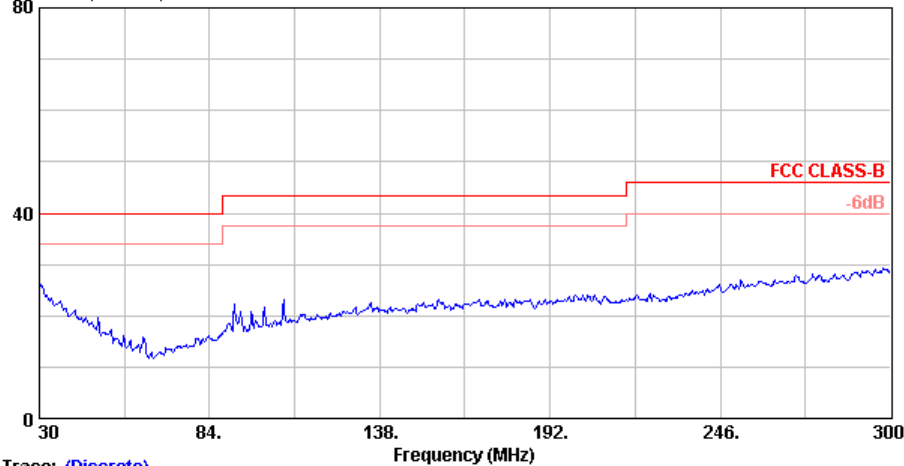
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 13
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Mid
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 6 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



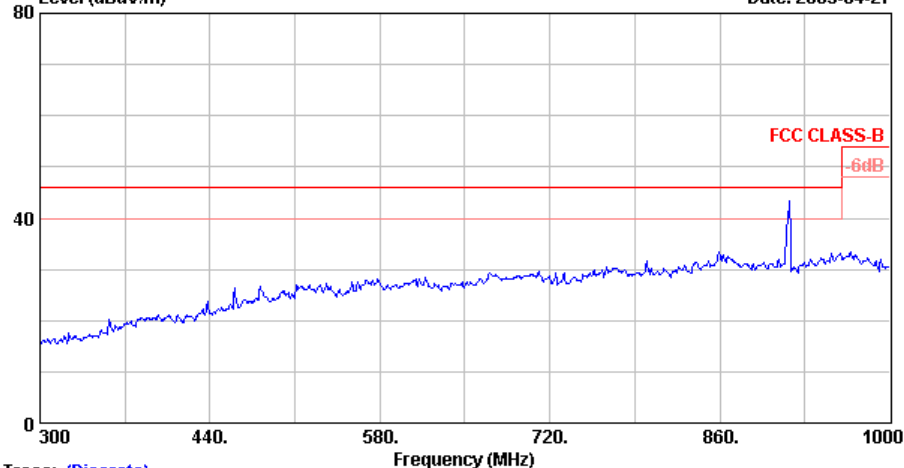
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 6
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Min
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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Data: 15 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



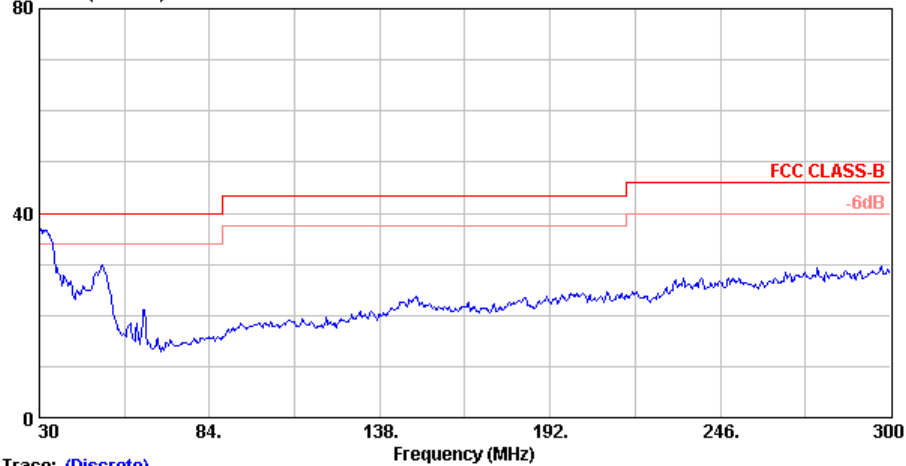
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 15
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Min
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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Data: 5 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



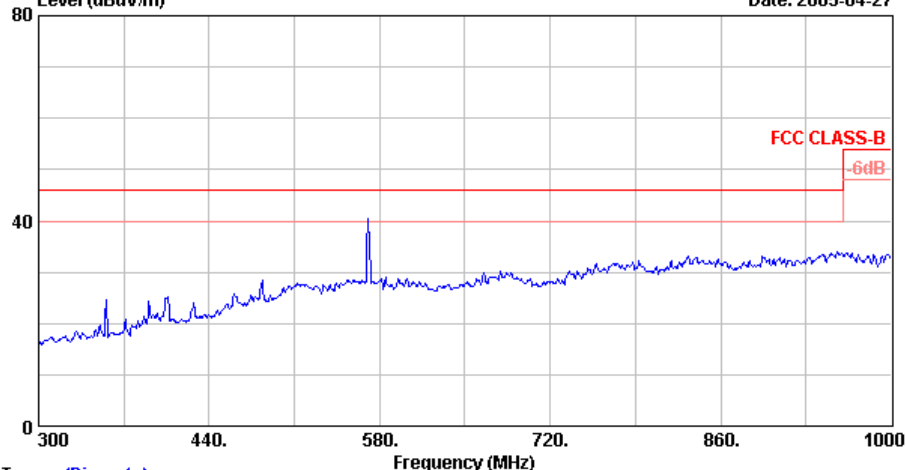
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 5
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Min
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 16 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



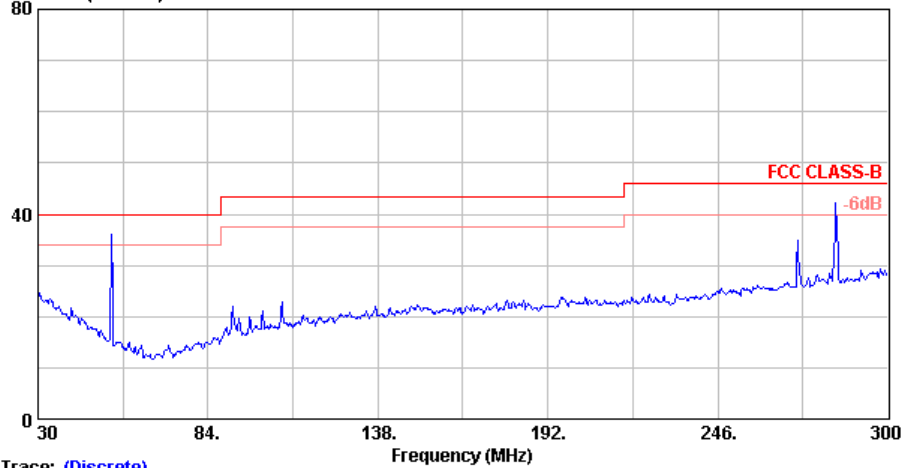
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 16
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Min
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 3 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



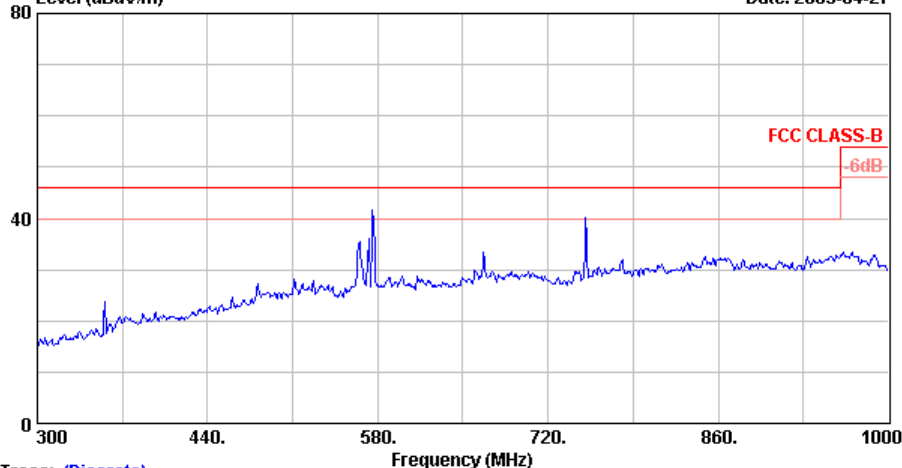
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 3
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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Data: 18 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



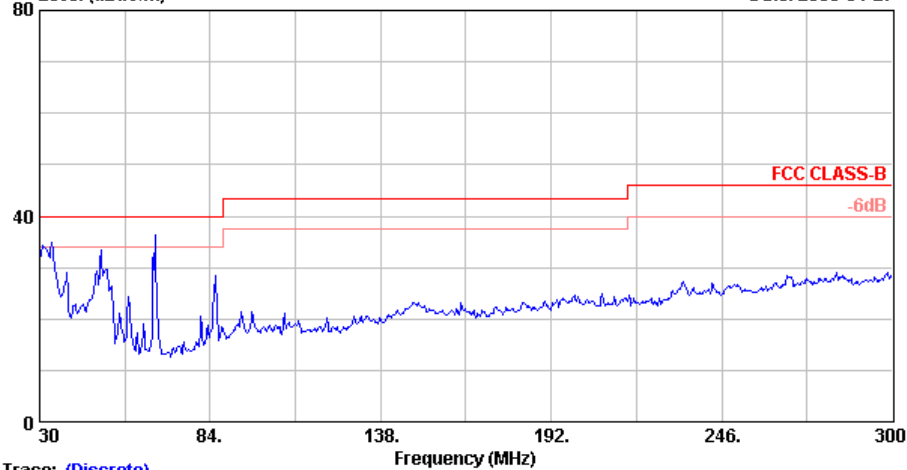
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 18
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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Data: 4 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27



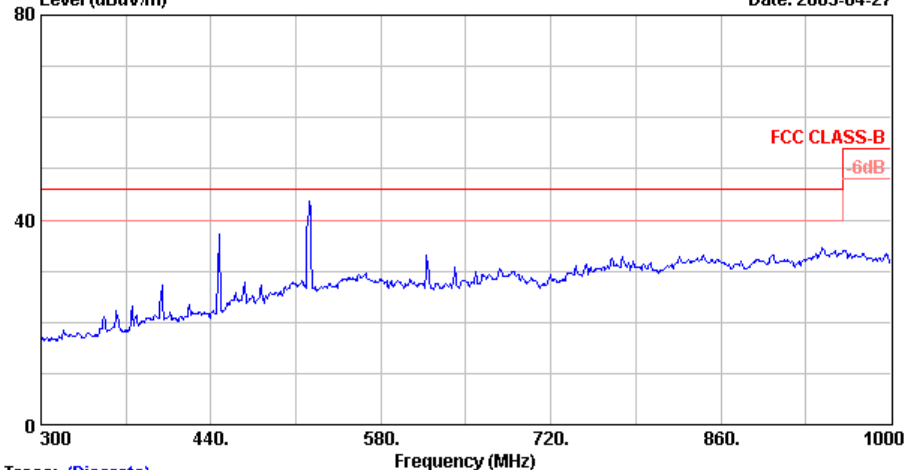
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 4
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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Data: 17 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704MA.EMI (49)
Level (dBuV/m) Date: 2005-04-27

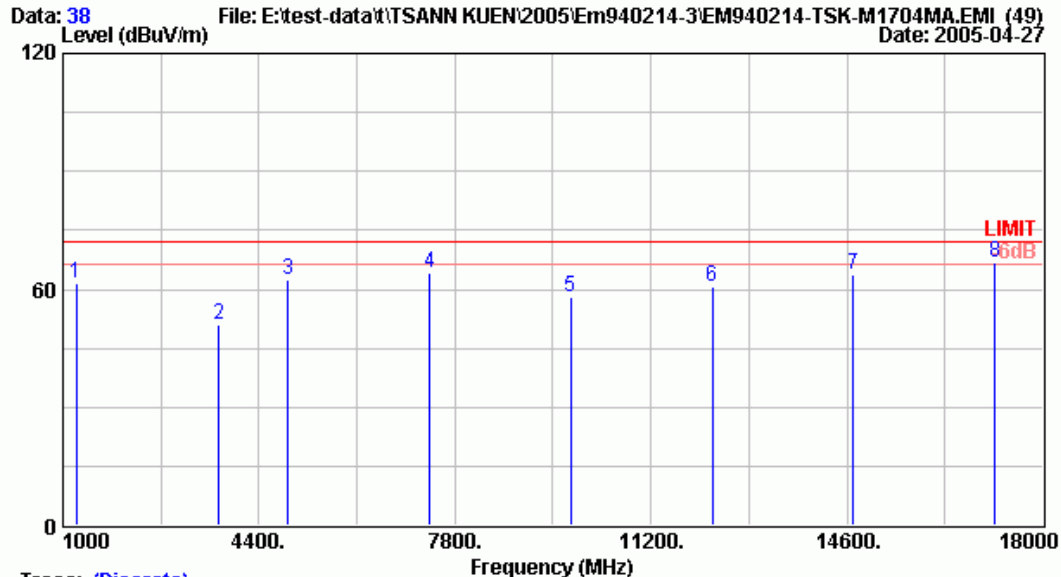


Trace: (Discrete)

Site no. : A/C Chamber Data no. : 17
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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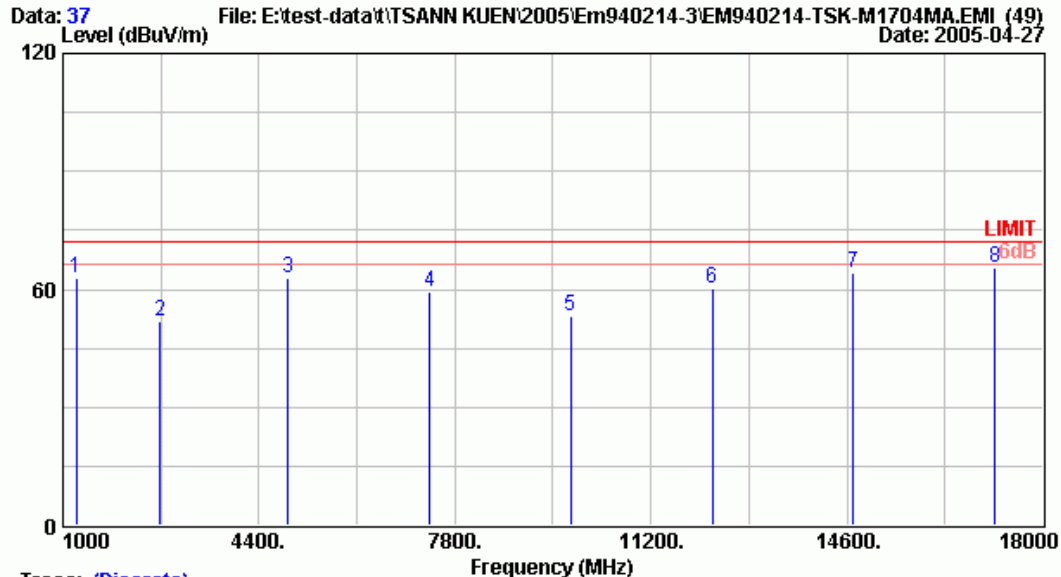
Site no. : A/C Chamber Data no. : 38
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the center of the oven
 W/ Witol Type2M315H

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 1238.000	25.31	4.65	31.50	61.46	72.27	10.81	Average	
2 3703.000	32.21	8.10	10.49	50.81	72.27	21.46	Average	
3 4905.400	33.92	9.13	19.19	62.25	72.27	10.02	Average	
4 7358.100	37.10	11.51	15.72	64.32	72.27	7.95	Average	
5 9810.800	38.50	12.91	6.59	58.00	72.27	14.27	Average	
6 12263.500	38.87	15.00	6.65	60.52	72.27	11.75	Average	
7 14716.200	39.20	16.82	7.86	63.87	72.27	8.40	Average	
8 17168.900	43.34	17.24	6.38	66.96	72.27	5.31	Average	

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



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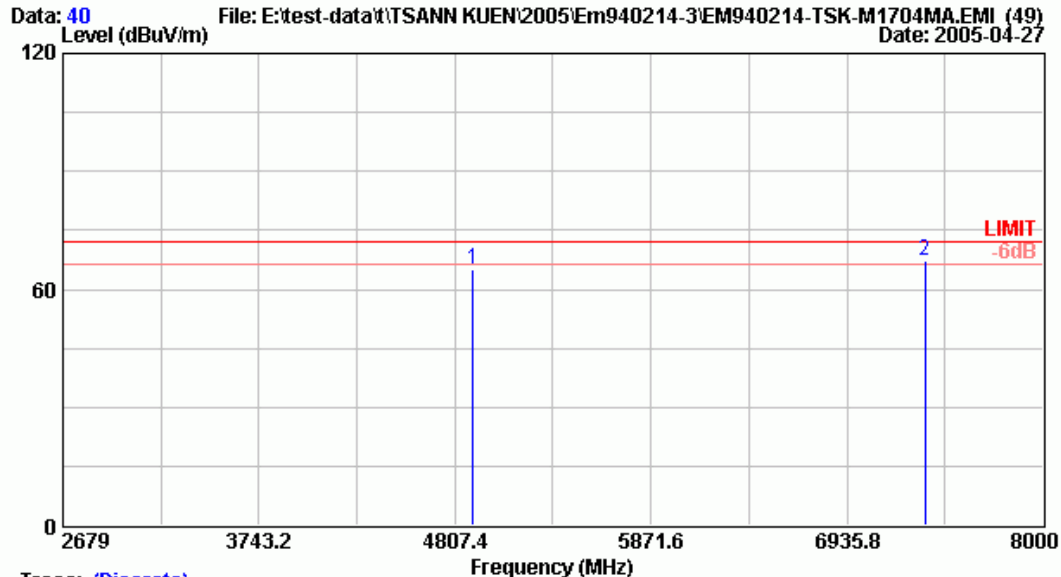
Site no. : A/C Chamber Data no. : 37
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the center of the oven
 W/ Witol Type2M315H

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 1238.000	25.31	4.65	32.85	62.80	72.27	9.47	Average	
2 2683.000	29.56	6.76	15.38	51.70	72.27	20.57	Average	
3 4905.400	33.92	9.13	19.94	63.00	72.27	9.27	Average	
4 7358.100	37.10	11.51	10.91	59.51	72.27	12.76	Average	
5 9810.800	38.50	12.91	1.94	53.36	72.27	18.91	Average	
6 12263.500	38.87	15.00	6.56	60.43	72.27	11.84	Average	
7 14716.200	39.20	16.82	7.95	63.96	72.27	8.31	Average	
8 17168.900	43.34	17.24	5.09	65.67	72.27	6.60	Average	

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



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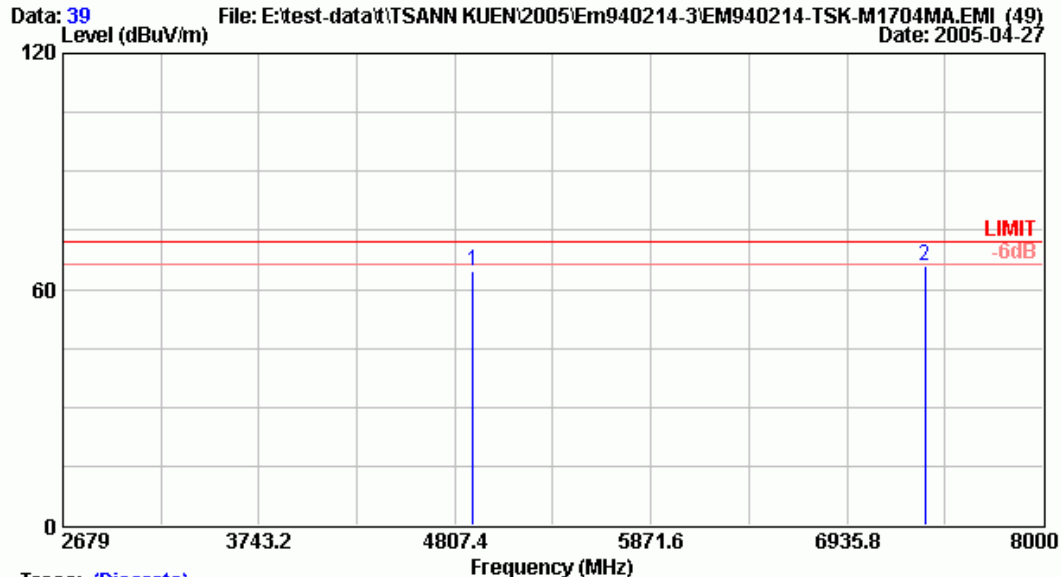
Site no. : A/C Chamber Data no. : 40
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the right front corner
 W/ Witol Type2M315H

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4905.400	33.89	9.16	22.20	65.25	72.27	7.02	Average	
2 7358.100	37.10	11.51	18.67	67.27	72.27	5.00	Average	

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



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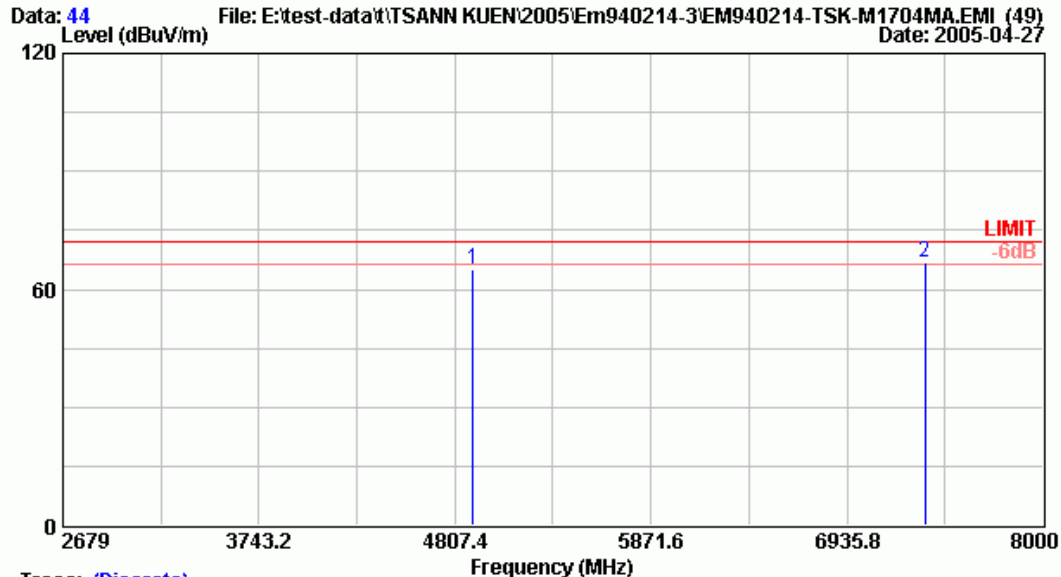
Site no. : A/C Chamber Data no. : 39
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the right front corner
 W/ Witol Type2M315H

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4905.400	33.89	9.16	21.72	64.77	72.27	7.50	Average	
2 7358.100	37.10	11.51	17.49	66.09	72.27	6.18	Average	

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



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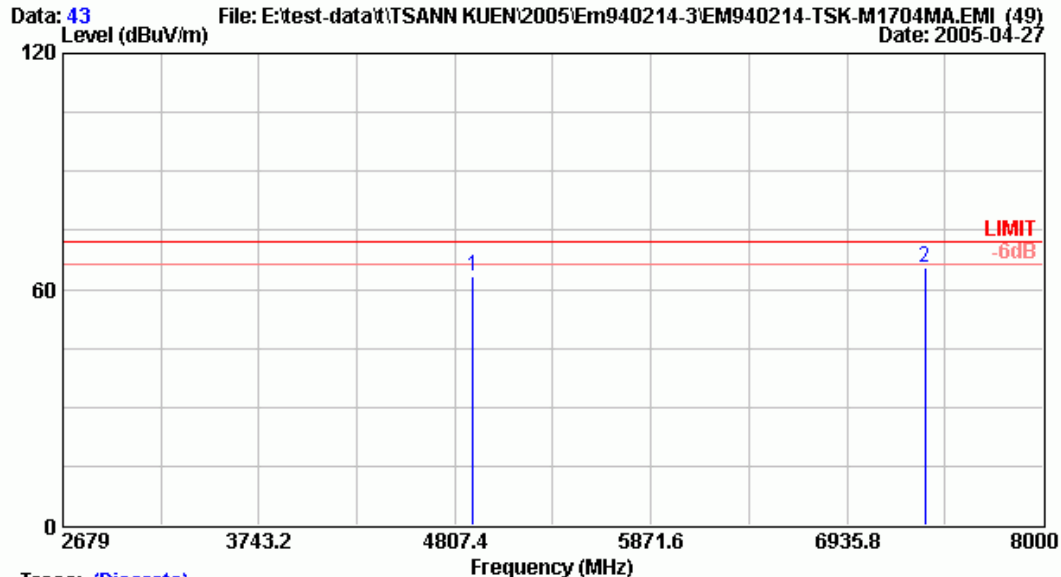
Site no. : A/C Chamber Data no. : 44
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the center of the oven
 W/ Witol Type2M315H

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4905.400	33.89	9.16	22.14	65.19	72.27	7.08	Average	
2 7358.100	37.10	11.51	18.42	67.02	72.27	5.25	Average	

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



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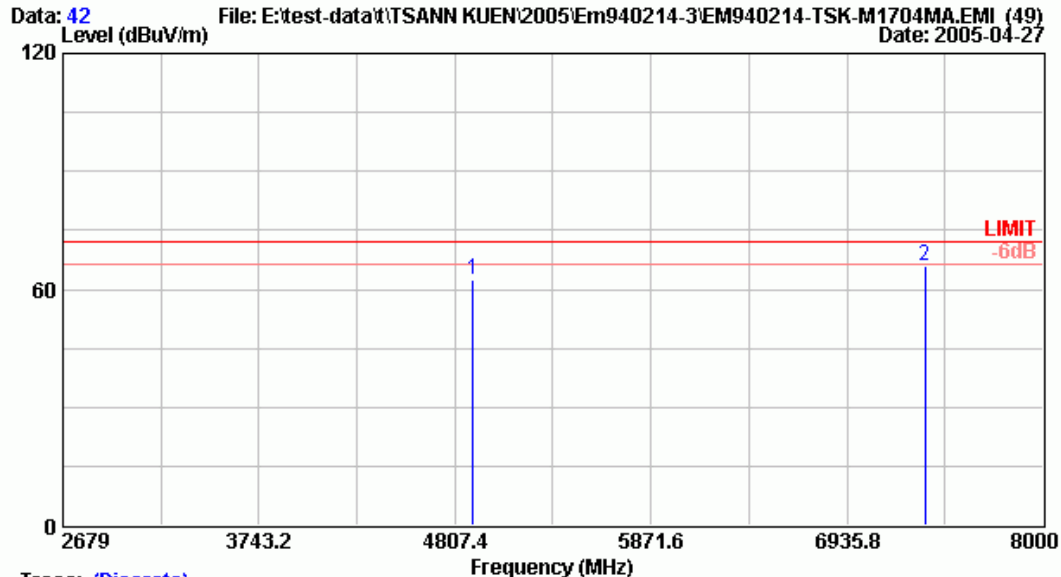
Site no. : A/C Chamber Data no. : 43
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the center of the oven
 W/ Witol Type2M315H

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4905.400	33.89	9.16	20.22	63.27	72.27	9.00	Average	
2 7358.100	37.10	11.51	16.92	65.52	72.27	6.75	Average	

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



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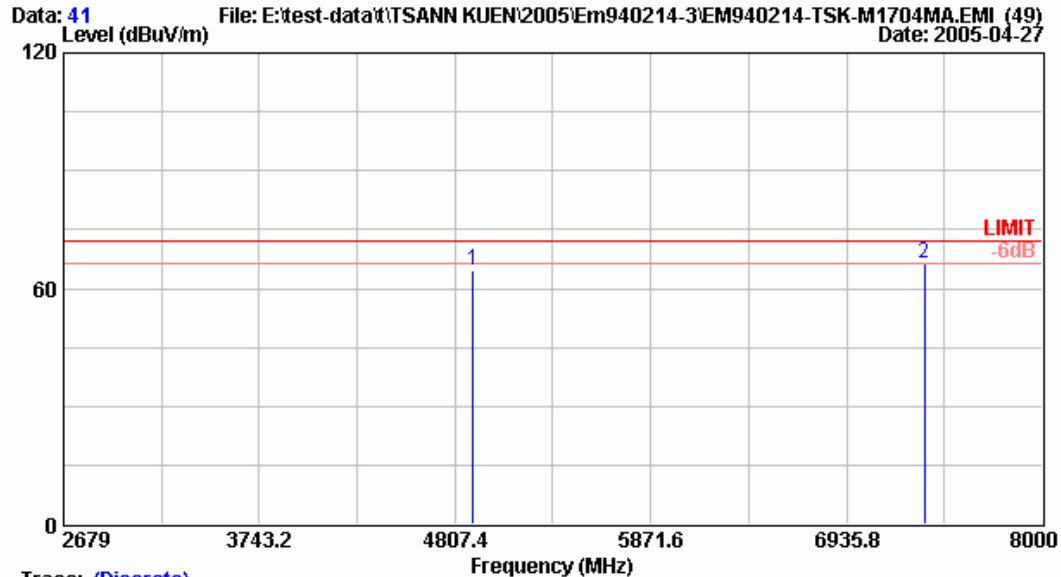
Site no. : A/C Chamber Data no. : 42
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the right front corner
 W/ Witol Type2M315H

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4905.400	33.89	9.16	19.50	62.55	72.27	9.72	Average	
2 7358.100	37.10	11.51	17.13	65.74	72.27	6.53	Average	

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



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Site no. : A/C Chamber Data no. : 41
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the right front corner
 W/ Witol Type2M315H

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4905.400	33.85	9.16	21.71	64.72	72.27	7.55	Average	
2 7358.100	37.10	11.51	17.82	66.43	72.27	5.84	Average	

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

7.6.4. EUT : Microwave Oven M/N : TSK-M1704MA

Magnetron : Toshiba, Type 2M231CH(EP)-A

EUT with following test modes were measured at Semi-Anechoic Chamber and all the test results are listed in next pages.

Test Date : Apr. 29, 2005 Temperature : 20°C Humidity : 70%

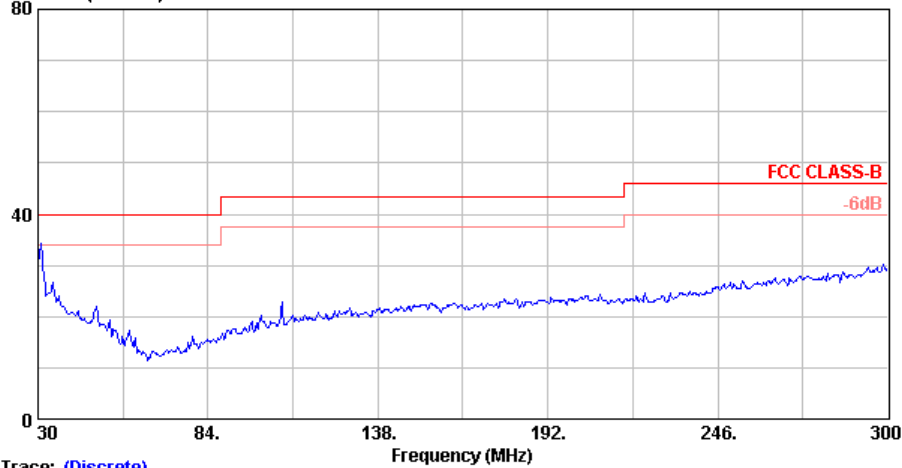
The details of test mode and reference test data are as follows :

NO.	Frequency range	Test Mode	Reference Test Data No.	
			Horizontal	Vertical
1.	Below 1GHz (30MHz-1GHz)	Load: 700ml, Beaker Location: Center (Heating)	# 2, #19	# 1, #20
2.		Load: 700ml, Beaker Location: Center (Max.)	# 10, #11	# 9, #12
3.		Load: 700ml, Beaker Location: Center (Mid.)	# 7, #14	# 8, #13
4.		Load: 700ml, Beaker Location: Center (Min.)	# 6, #15	# 5, #16
5.		Load: 700ml, Beaker Location: Center (Auto Defrost)	# 3, #18	#4, #17
6.	Above 1GHz (1GHz-18GHz)	Load: 700ml, Beaker Location: Center	# 31	# 30
7.	Above 1GHz. (On second and third harmonics)	Load: 700ml, Beaker Location: Right Front Corner	# 27	# 26
8.		Load: 300ml, Beaker Location: Center	# 35	# 34
9.		Load: 300ml, Beaker Location: Right Front Corner	# 33	# 32



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Data: 2 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29

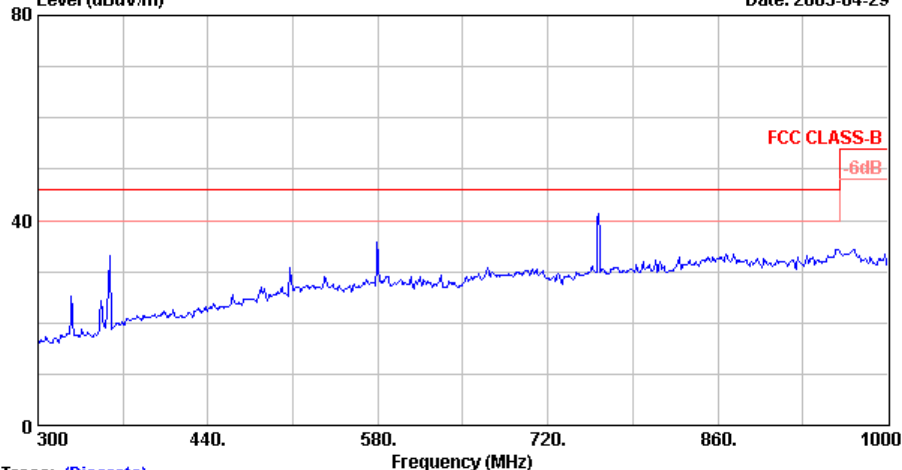


Trace: (Discrete)
Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Heating
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 19 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29

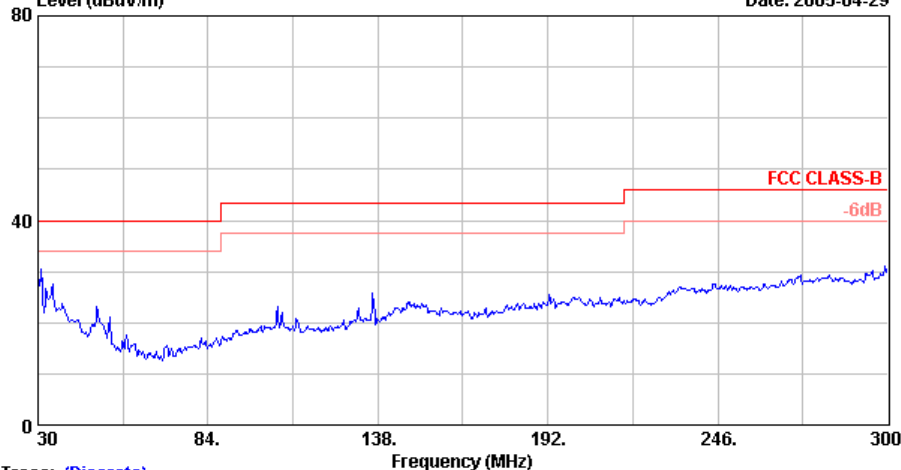


Trace: (Discrete)
Site no. : A/C Chamber Data no. : 19
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Heating
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 1 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29



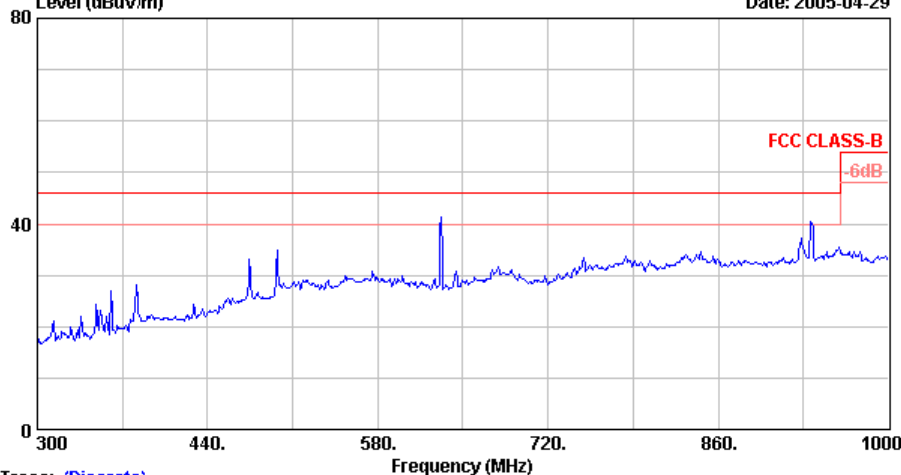
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 1
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Heating
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 20 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29

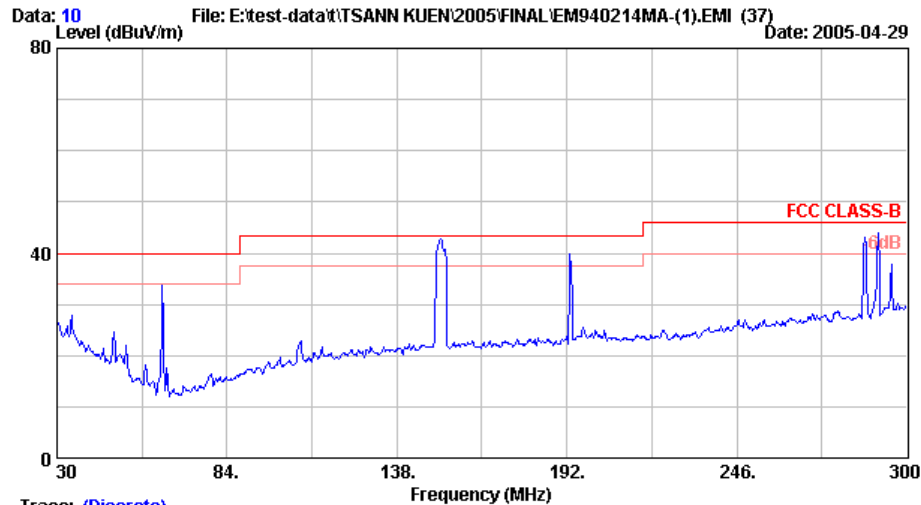


Trace: (Discrete)

Site no. : A/C Chamber Data no. : 20
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Heating
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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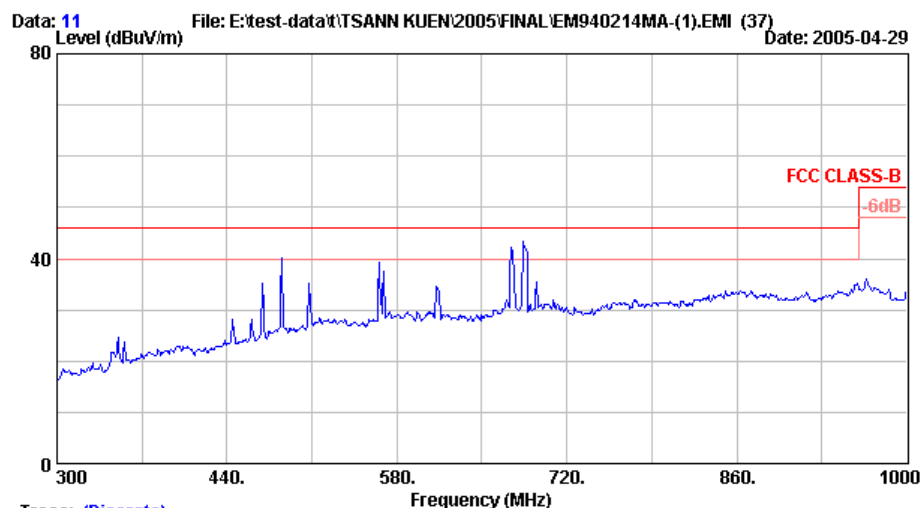
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 10
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 120V/60Hz		
Test Mode	: Max		

700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Trace: (Discrete)

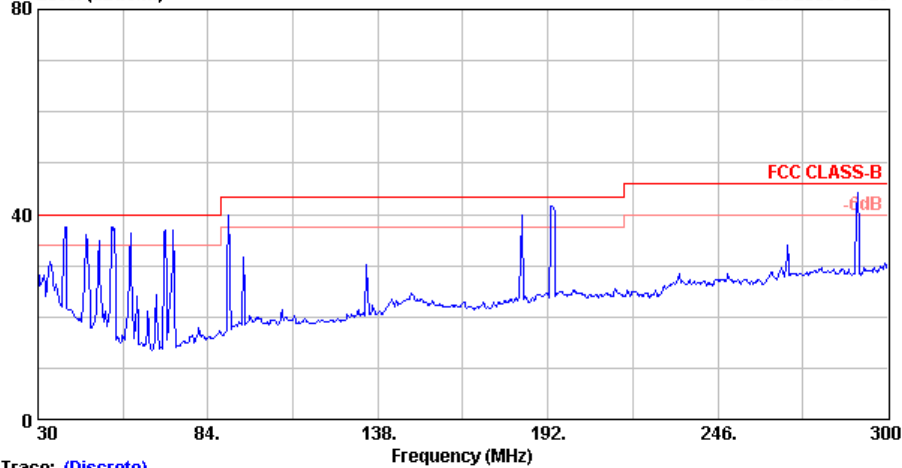
Site no.	: A/C Chamber	Data no.	: 11
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704MA		
Power Rating	: 120V/60Hz		
Test Mode	: Max		

700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 9 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29



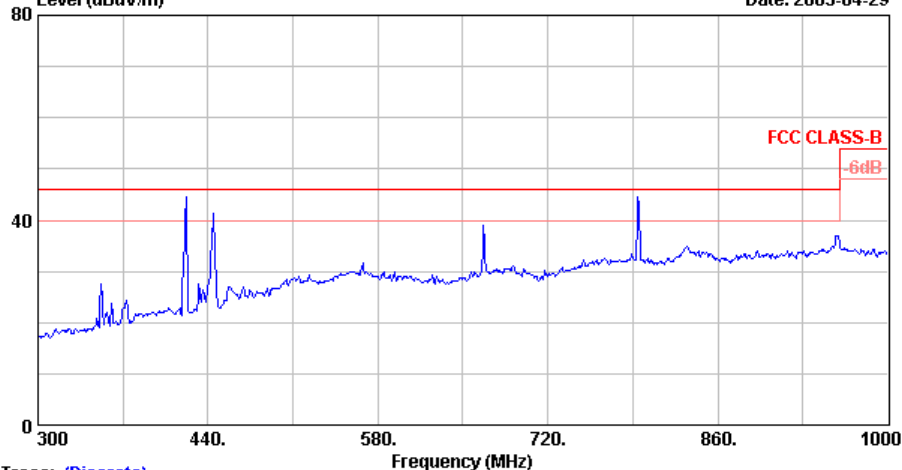
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 9
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Max
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 12 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29

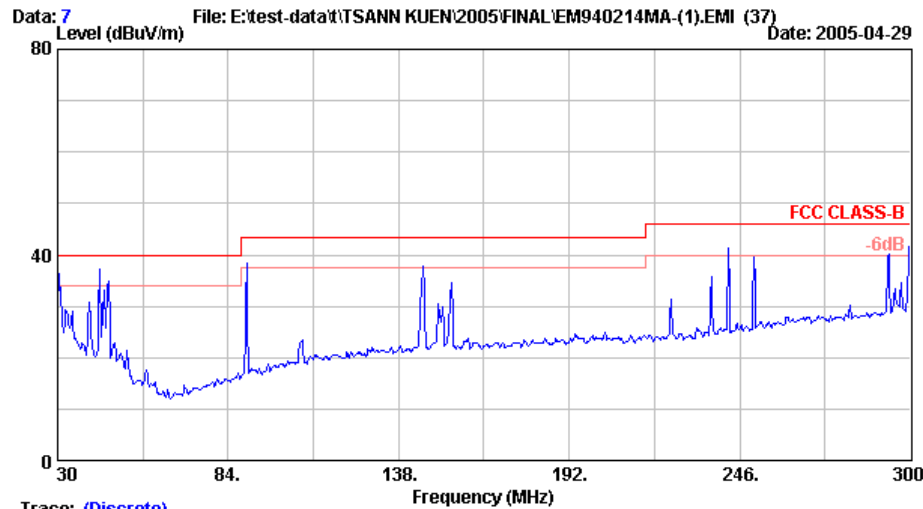


Trace: (Discrete)

Site no. : A/C Chamber Data no. : 12
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Max
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



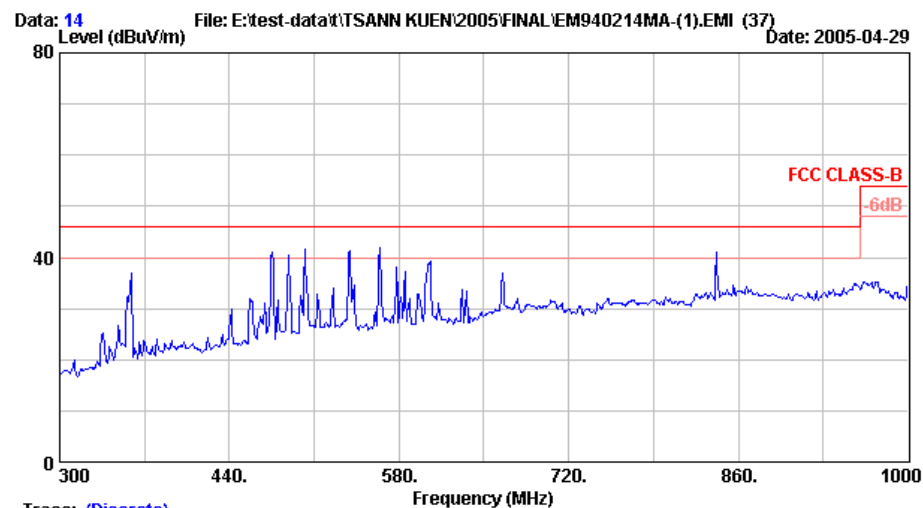
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Site no. : A/C Chamber Data no. : 7
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Mid
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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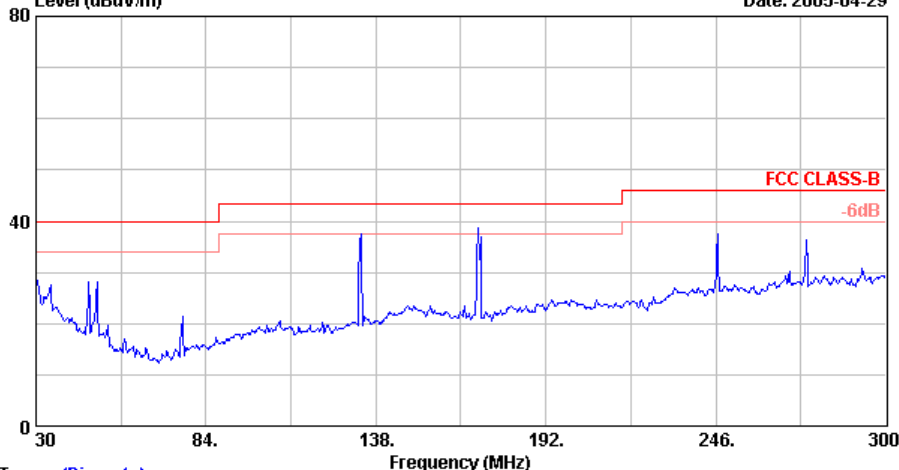


Site no. : A/C Chamber Data no. : 14
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Mid
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 8 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29



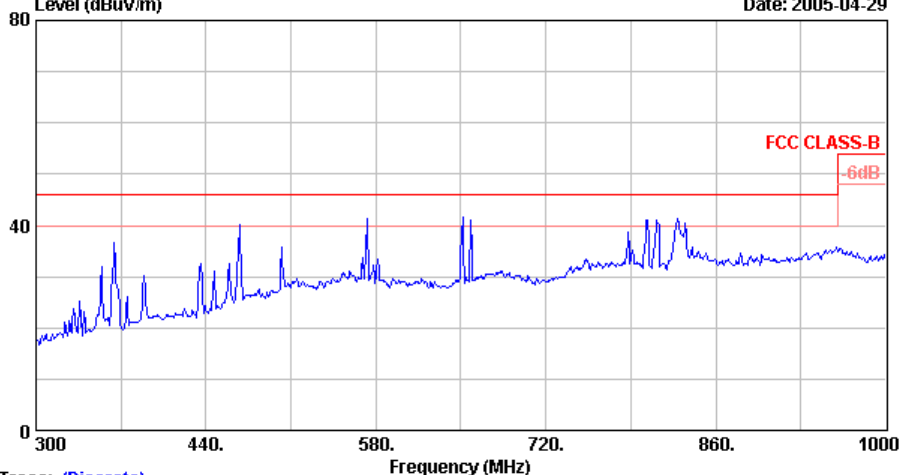
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Mid
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 13 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29

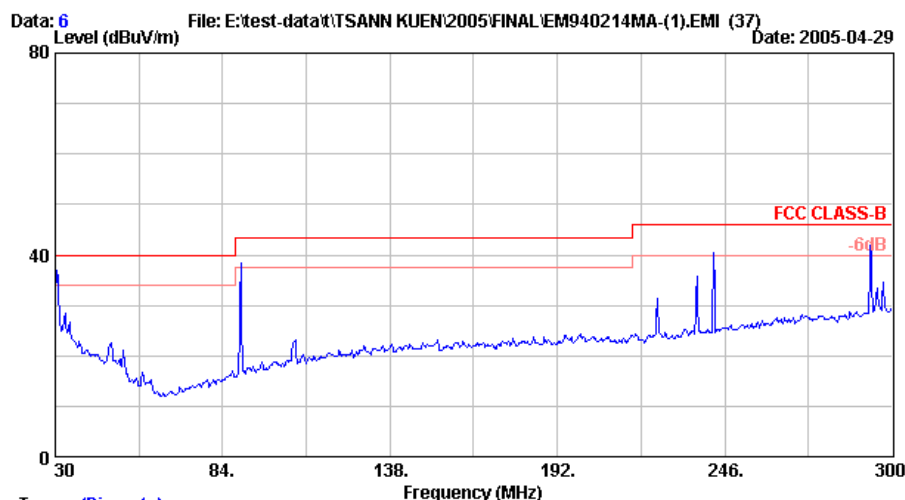


Trace: (Discrete)

Site no. : A/C Chamber Data no. : 13
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Mid
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



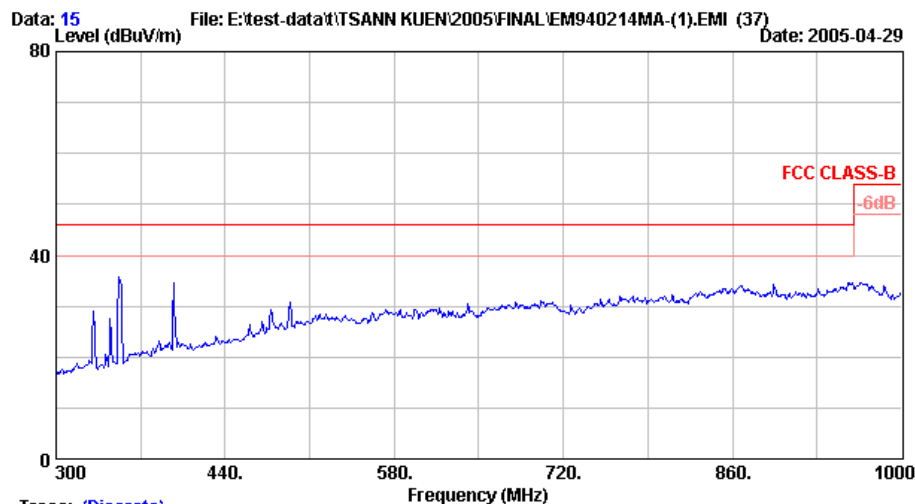
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Site no. : A/C Chamber Data no. : 6
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Min
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



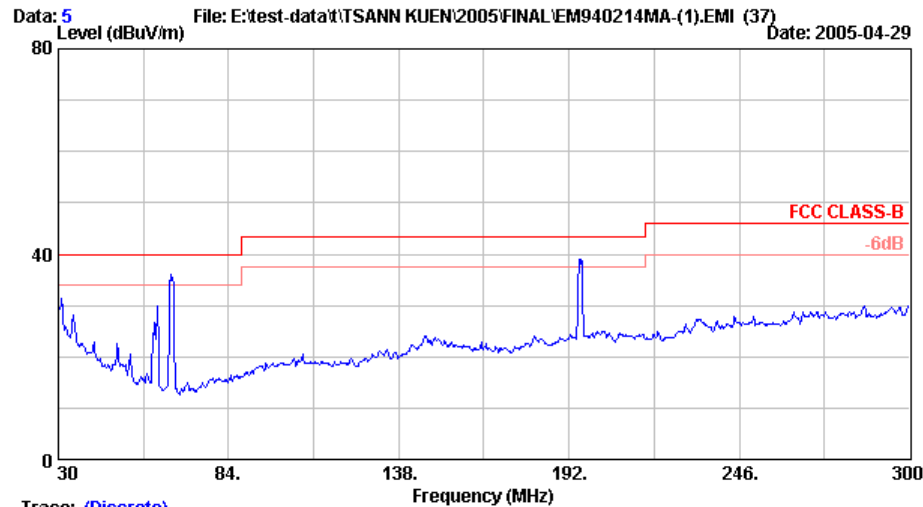
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Site no. : A/C Chamber Data no. : 15
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Min
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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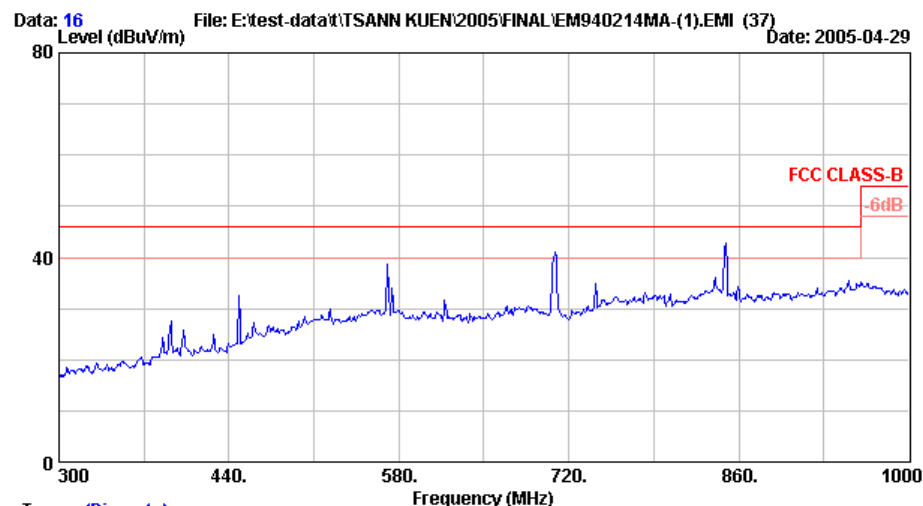
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m BBA9106(A3L)	Ant. pol. : VERTICAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 20°C/70%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA	
Power Rating : 120V/60Hz	
Test Mode : Min	

700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Trace: (Discrete)

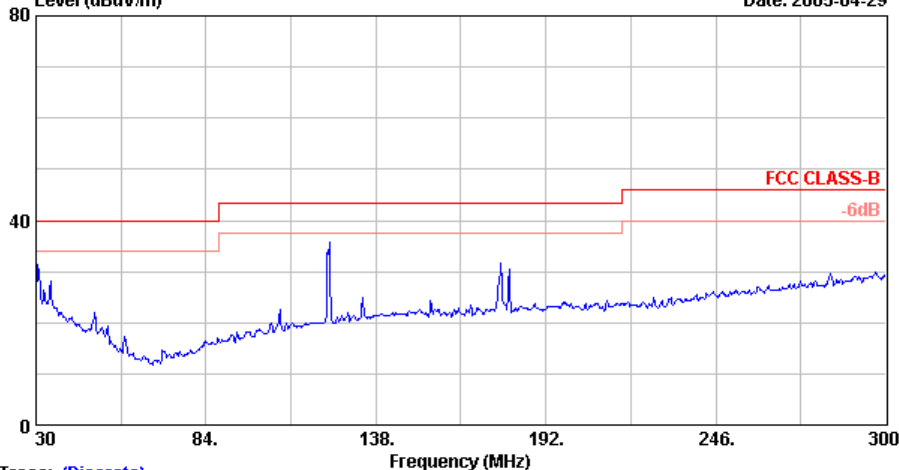
Site no. : A/C Chamber	Data no. : 16
Dis. / Ant. : 3m UHALP9108-A(0139)	Ant. pol. : VERTICAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 20°C/70%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA	
Power Rating : 120V/60Hz	
Test Mode : Min	

700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 3 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29
Level (dBuV/m)



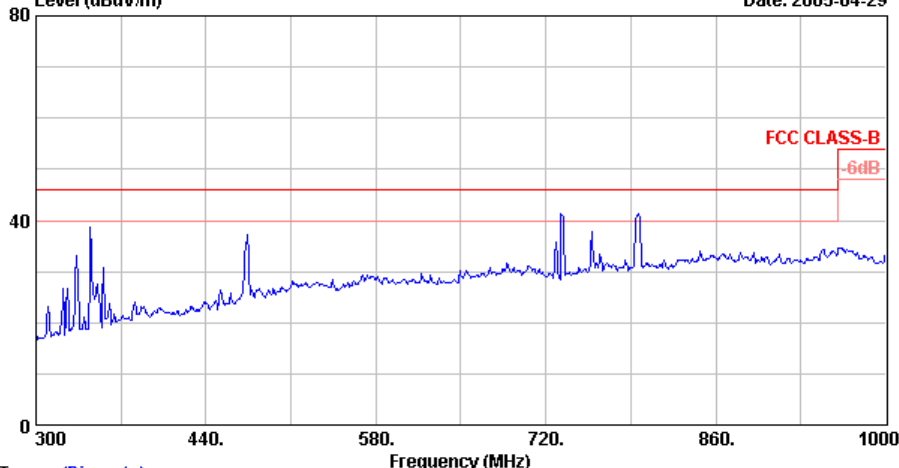
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 3
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 18 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29
Level (dBuV/m)



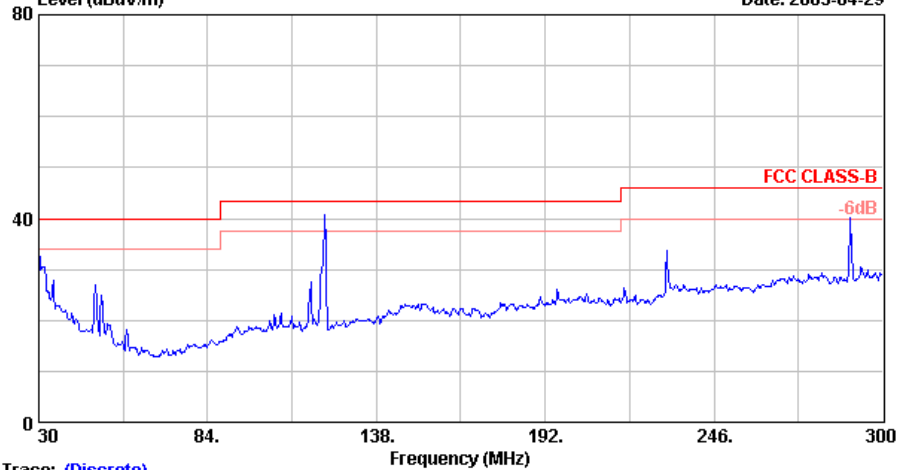
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 18
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 4 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29



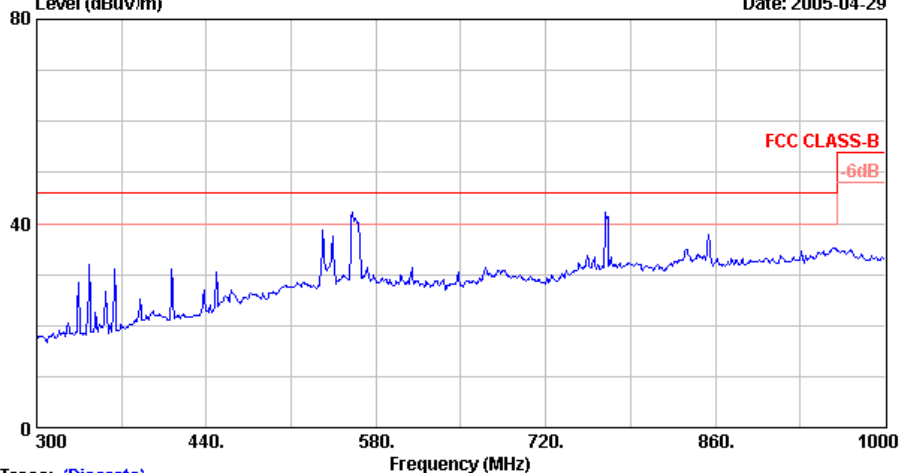
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 4
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 17 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214MA-(1).EMI (37) Date: 2005-04-29

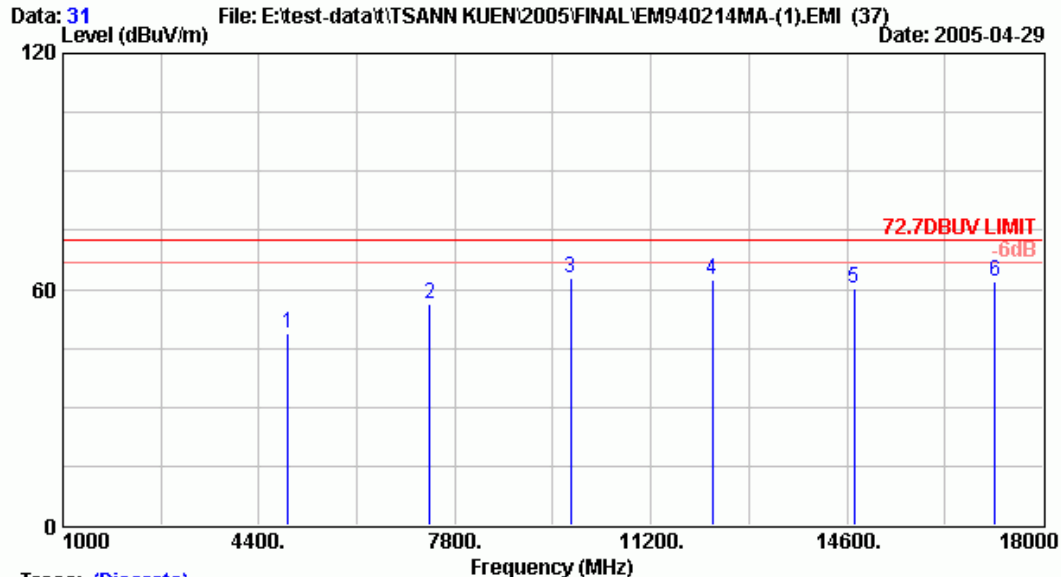


Trace: (Discrete)

Site no. : A/C Chamber Data no. : 17
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704MA
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Trace: (Discrete)

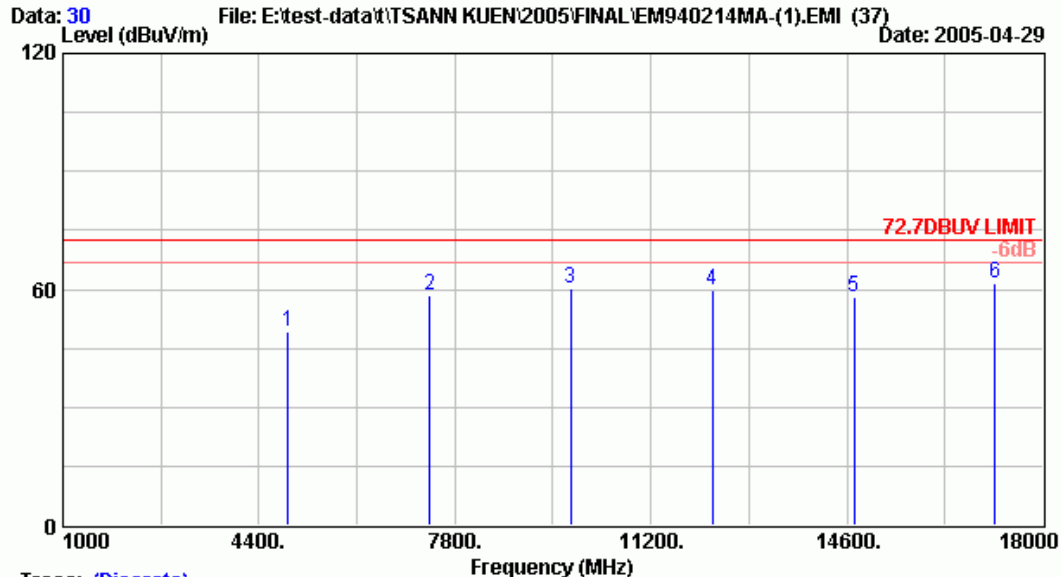
Site no. : A/C Chamber Data no. : 31
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.7DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the center of the oven
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4906.600	33.85	9.16	5.92	48.93	72.70	23.77	Average	
2 7359.900	37.10	11.48	7.86	56.43	72.70	16.27	Average	
3 9813.200	38.47	12.93	11.35	62.74	72.70	9.96	Average	
4 12266.500	38.85	15.00	8.50	62.35	72.70	10.35	Average	
5 14719.800	39.38	16.82	4.12	60.32	72.70	12.38	Average	
6 17173.100	43.34	17.16	1.35	61.86	72.70	10.84	Average	

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



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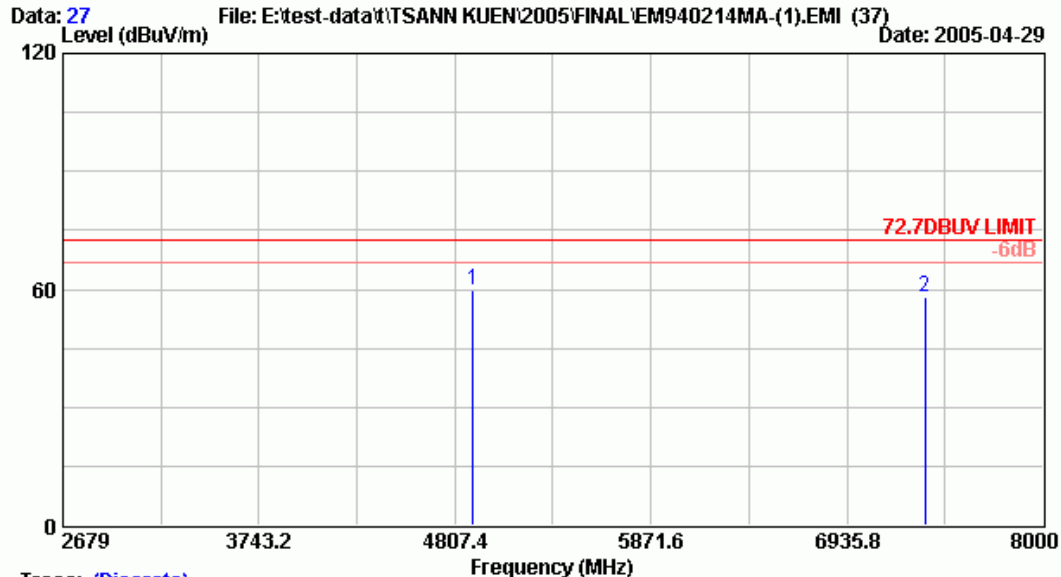
Site no. : A/C Chamber Data no. : 30
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.7DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the center of the oven
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4906.600	33.85	9.16	6.37	49.38	72.70	23.32	Average	
2 7359.900	37.10	11.48	9.81	58.38	72.70	14.32	Average	
3 9813.200	38.47	12.93	8.74	60.13	72.70	12.57	Average	
4 12266.500	38.85	15.00	5.86	59.71	72.70	12.99	Average	
5 14719.800	39.38	16.82	1.61	57.81	72.70	14.89	Average	
6 17173.100	43.34	17.16	1.23	61.74	72.70	10.96	Average	

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



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Trace: (Discrete)

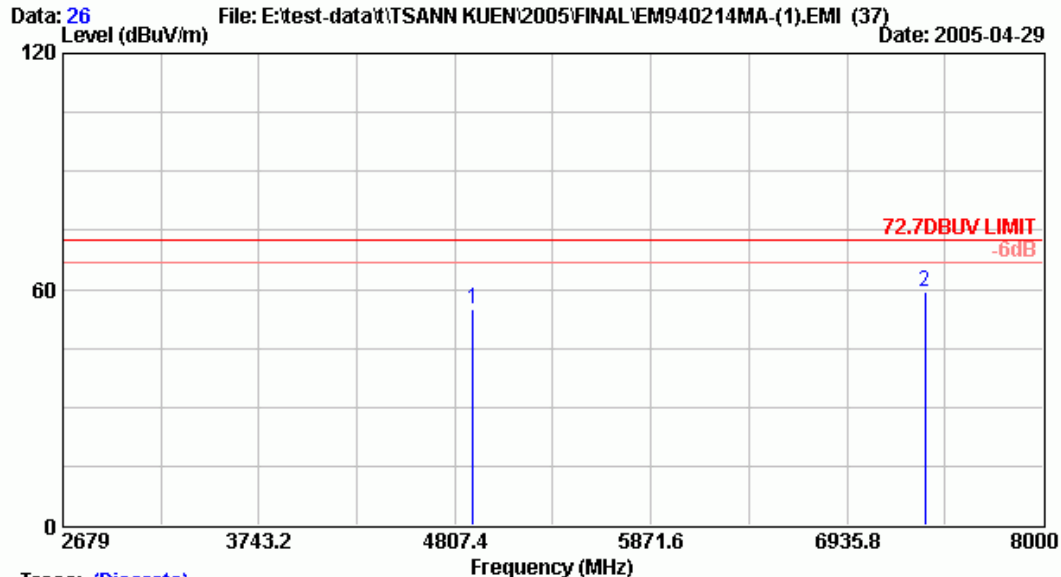
Site no. : A/C Chamber Data no. : 27
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.7DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the right front corner
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4906.600	33.85	9.16	16.95	59.97	72.70	12.73	Average	
2 7359.900	37.10	11.48	9.48	58.05	72.70	14.65	Average	

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



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Trace: (Discrete)

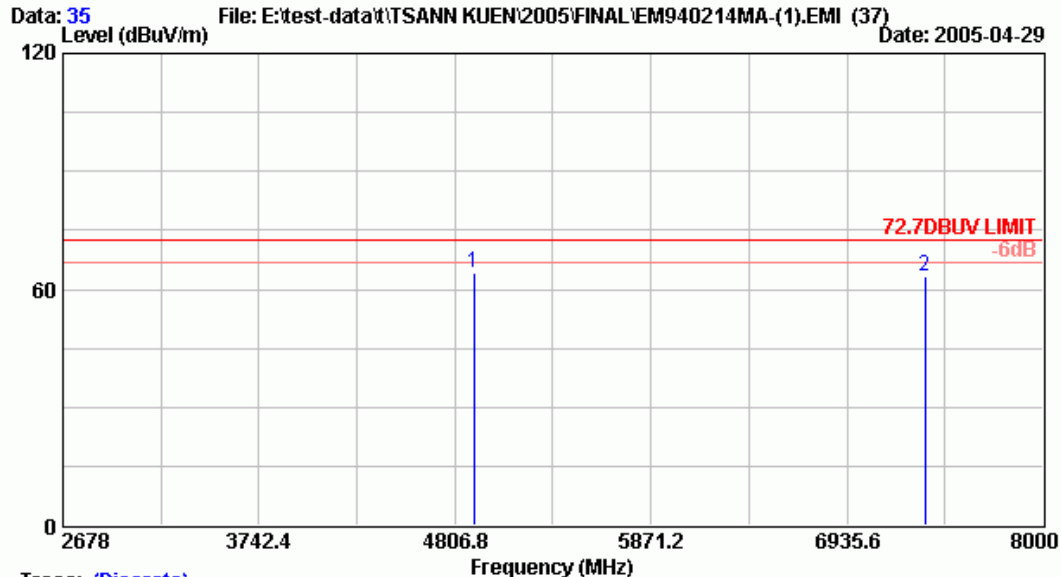
Site no. : A/C Chamber Data no. : 26
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.7DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 700 milliliters of waters in the beaker
 located in the right front corner
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4906.600	33.85	9.16	12.09	55.11	72.70	17.59	Average	
2 7359.900	37.10	11.48	10.71	59.29	72.70	13.41	Average	

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



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Trace: (Discrete)

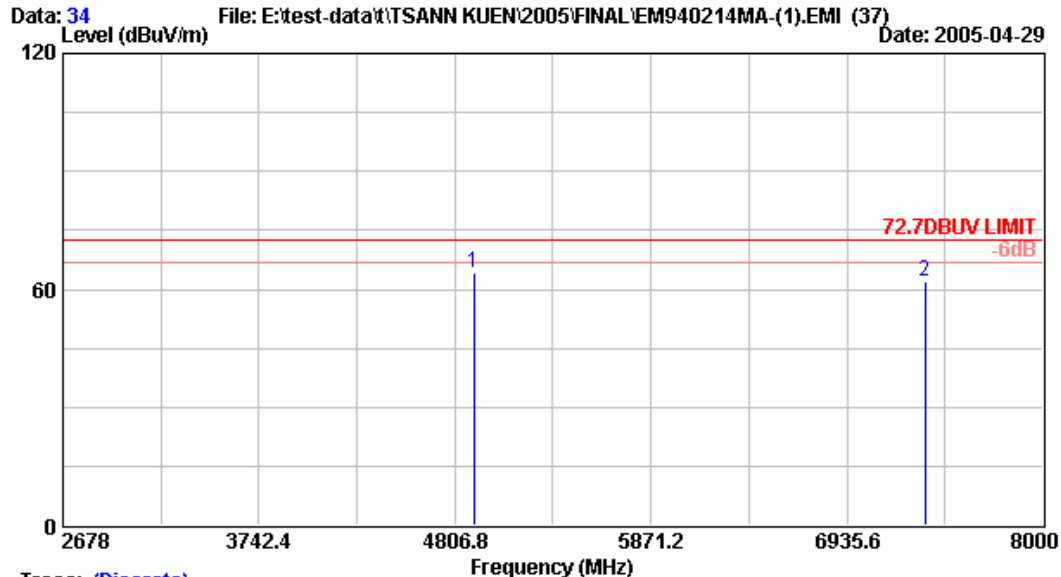
Site no. : A/C Chamber Data no. : 35
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.7DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the center of the oven
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4909.600	33.89	9.16	21.17	64.22	72.70	8.48	Average	
2 7359.900	37.10	11.48	14.93	63.51	72.70	9.19	Average	

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



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Trace: (Discrete)

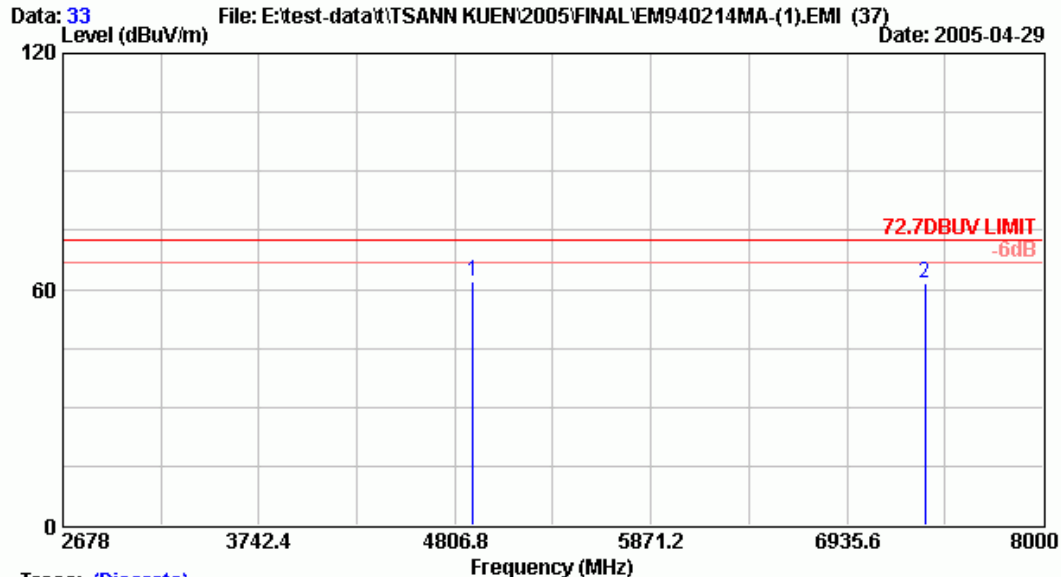
Site no. : A/C Chamber Data no. : 34
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.7DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the center of the oven
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4909.600	33.89	9.16	21.19	64.24	72.70	8.46	Average	
2 7359.900	37.10	11.48	13.33	61.91	72.70	10.79	Average	

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



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Trace: (Discrete)

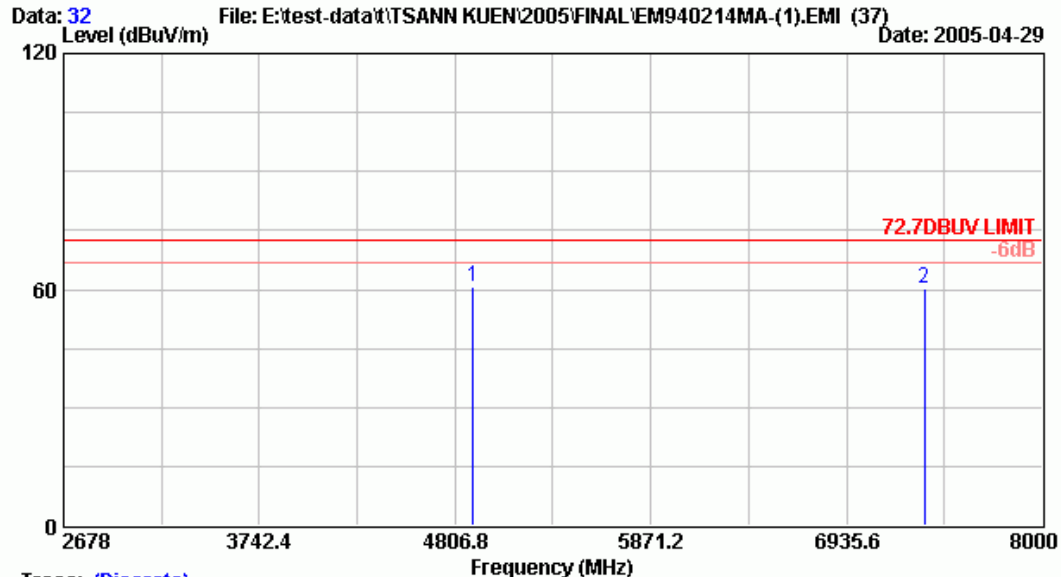
Site no. : A/C Chamber Data no. : 33
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.7DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the right front corner
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4906.600	33.85	9.16	18.75	61.76	72.70	10.94	Average	
2 7359.900	37.10	11.48	13.16	61.74	72.70	10.96	Average	

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



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Trace: (Discrete)

Site no. : A/C Chamber Data no. : 32
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.7DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704MA
 Power Rating : 120V/60Hz
 Test Mode : Max
 300 milliliters of waters in the beaker
 located in the right front corner
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4906.600	33.85	9.16	17.78	60.79	72.70	11.91	Average	
2 7359.900	37.10	11.48	11.58	60.16	72.70	12.54	Average	

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

7.6.5. EUT : Microwave Oven M/N : TSK-M1704ME

Magnetron : Witol. Type 2M315H

EUT with following test modes were measured at Semi-Anechoic Chamber and all the test results are listed in next pages.

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%

Test Date : May 06, 2005 Temperature : 21°C Humidity : 72%

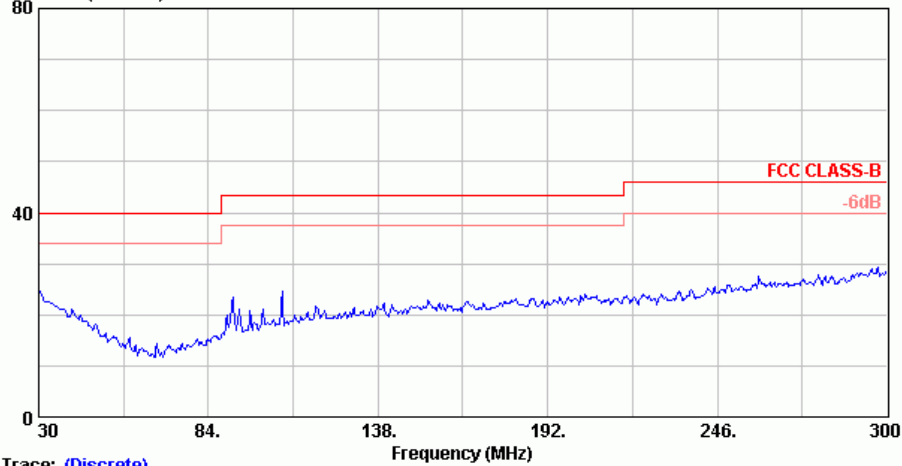
The details of test mode and reference test data are as follows :

NO.	Frequency range	Test Mode	Reference Test Data No.	
			Horizontal	Vertical
1.	Below 1GHz (30MHz-1GHz)	Load: 700ml, Beaker Location: Center (Popcom)	# 23, #2	# 24, #1
2.		Load: 700ml, Beaker Location: Center (Beverage)	# 22, #3	# 21, #4
3.		Load: 700ml, Beaker Location: Center (Soup)	# 18, #7	# 17, #8
4.		Load: 700ml, Beaker Location: Center (Cass)	# 15, #10	# 16, #9
5.		Load: 700ml, Beaker Location: Center (Sing)	# 14, #11	# 13, #12
6.		Load: 700ml, Beaker Location: Center (Auto Defrost)	# 19, #6	# 20, #5
7.	Above 1GHz (1GHz-25GHz)	Load: 700ml, Beaker Location: Center	# 37	# 36
8.	Above 1GHz. (On second and third harmonics)	Load: 700ml, Beaker Location: Right Front Corner	# 30	# 31
9.		Load: 300ml, Beaker Location: Center	# 34	# 35
10.		Load: 300ml, Beaker Location: Right Front Corner	# 33	# 32



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Data: 23 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



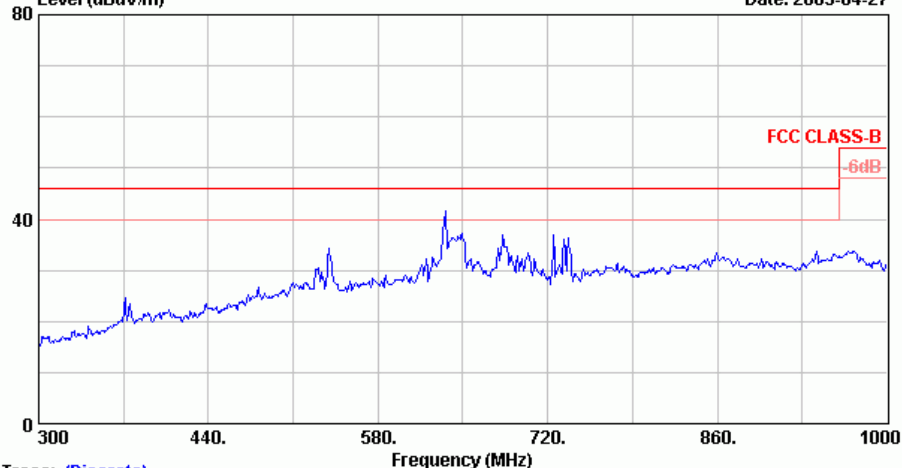
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 23
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Popcorn
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 2 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



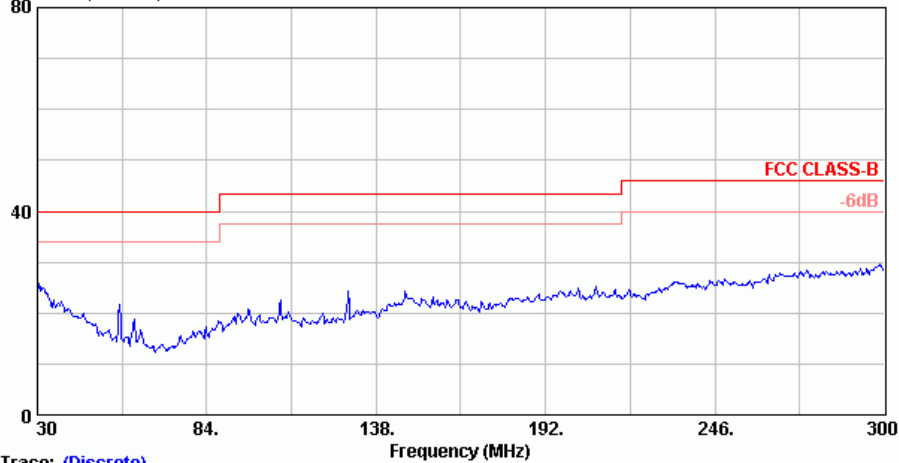
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Popcorn
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 24 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



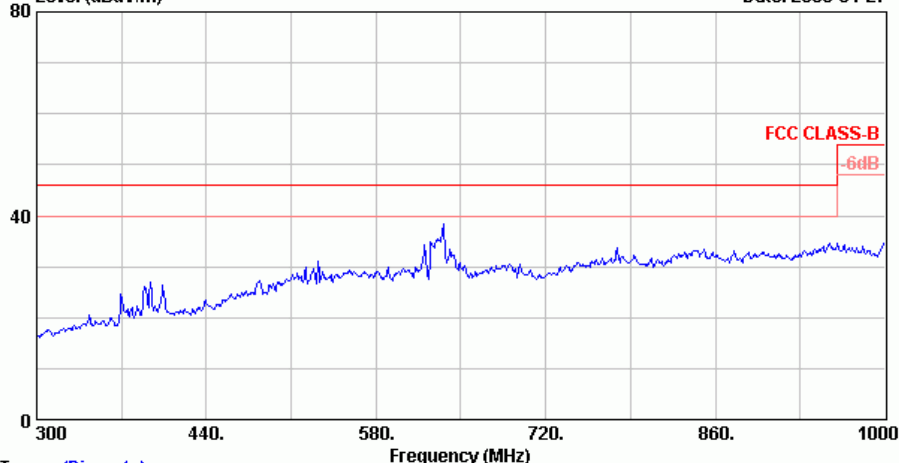
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 24
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Popcorn
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 1 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



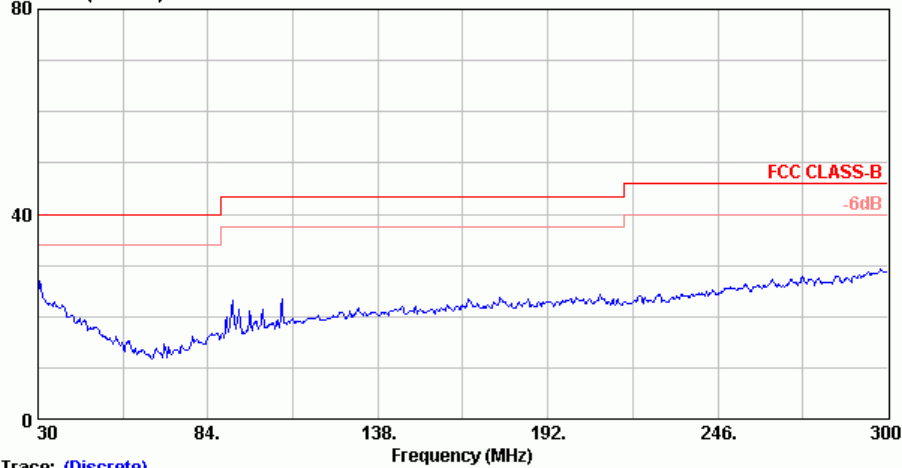
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 1
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Popcorn
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 22 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



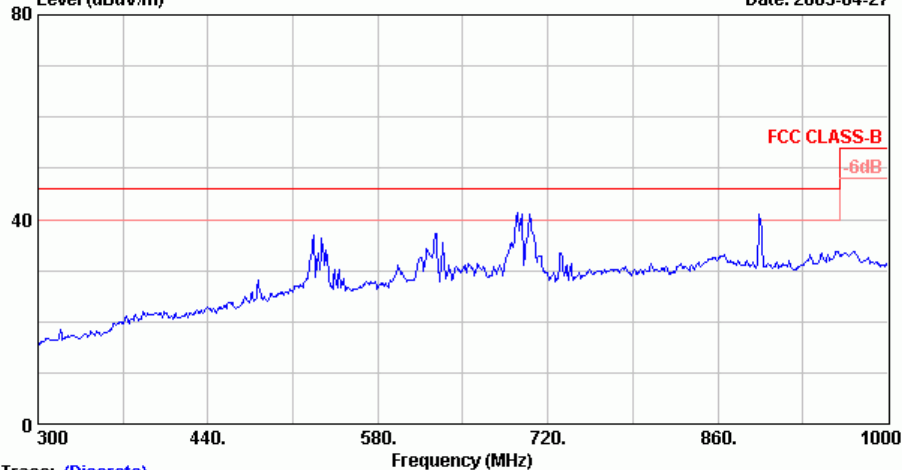
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 22
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Beverage
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 3 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



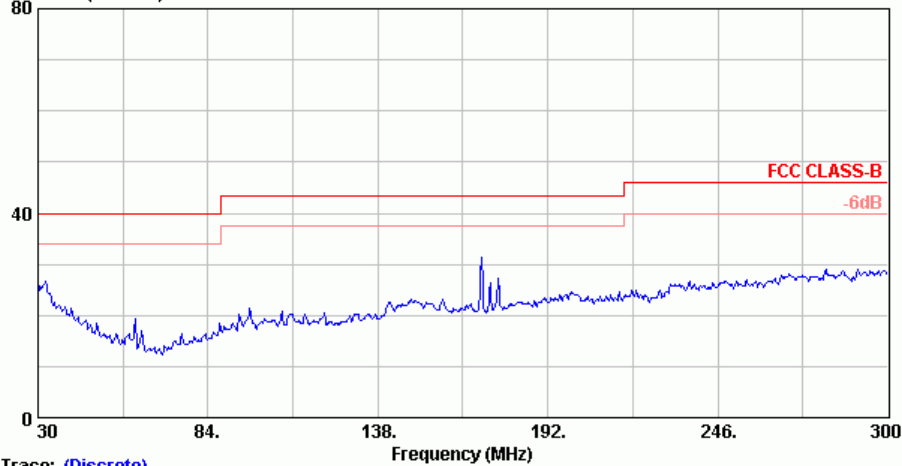
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 3
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Beverage
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 21 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



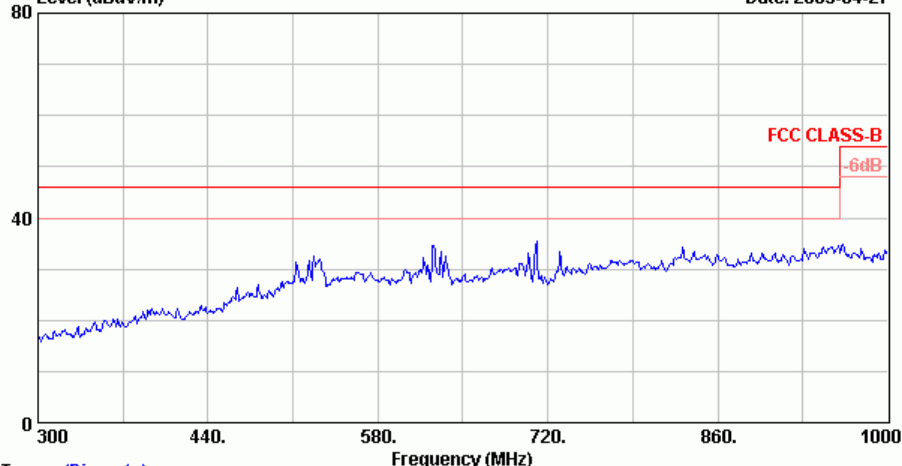
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 21
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Beverage
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 4 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



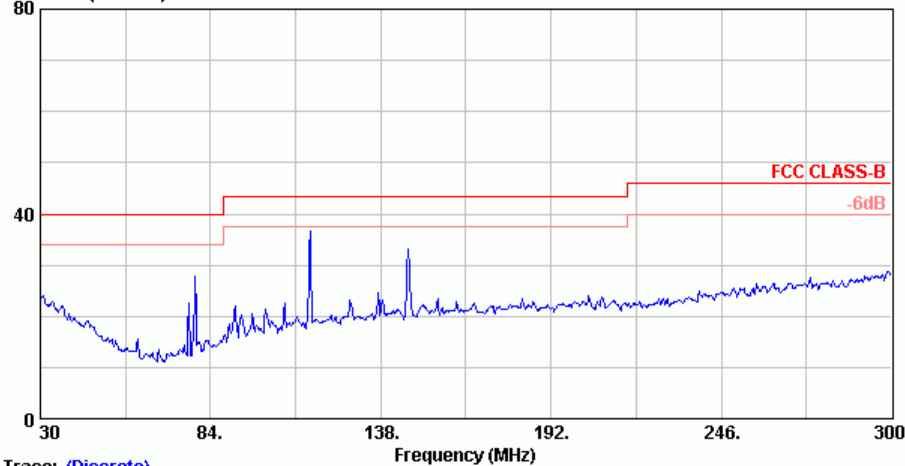
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 4
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Beverage
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 18 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBUV/m) Date: 2005-04-27



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 18
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Soup
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 7 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBUV/m) Date: 2005-04-27



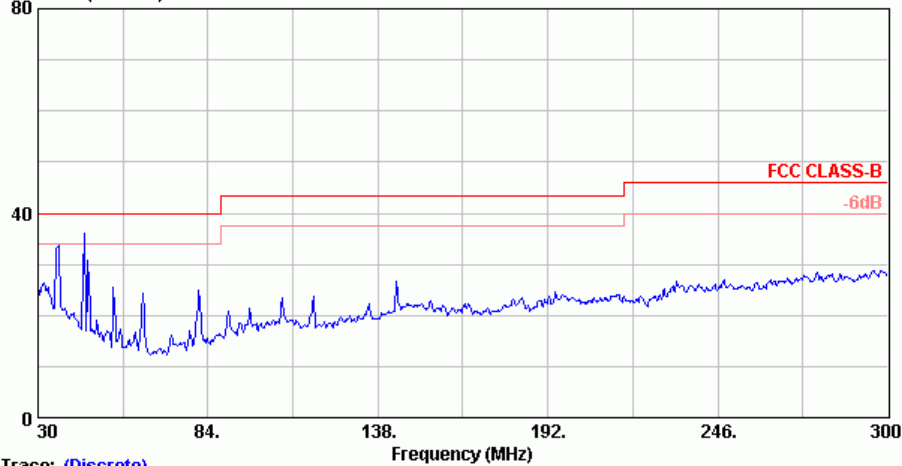
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Soup
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 17 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



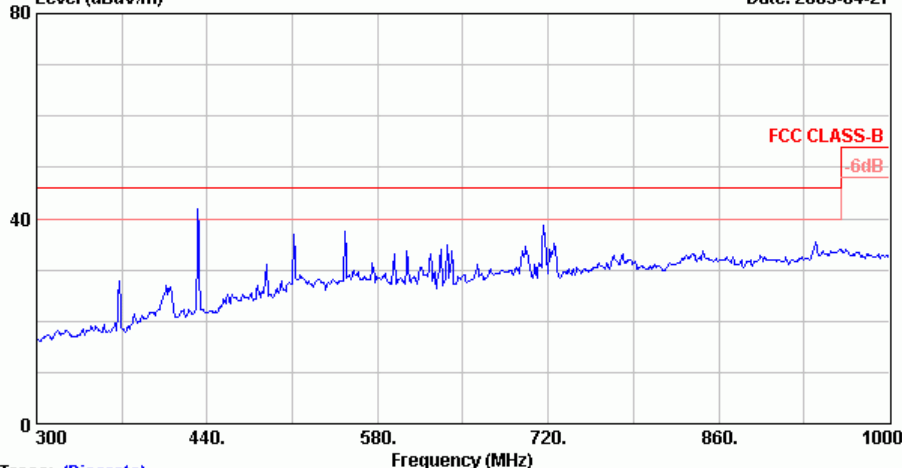
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 17
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Soup
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 8 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



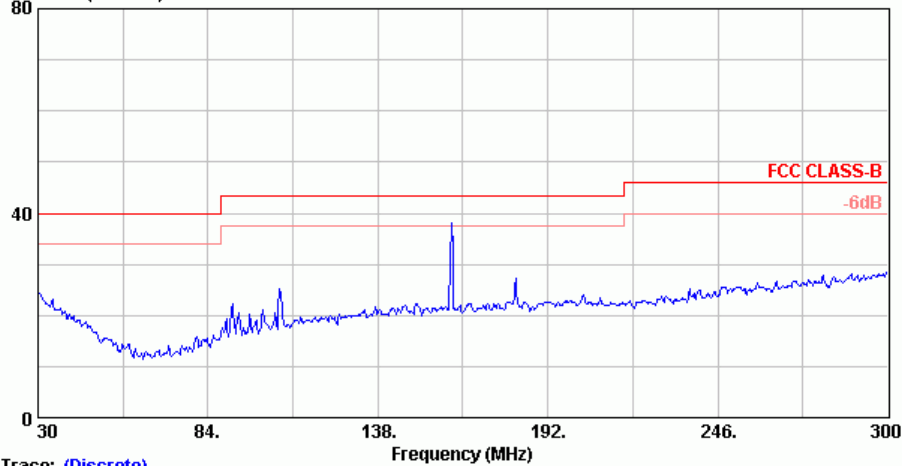
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Soup
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 15 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



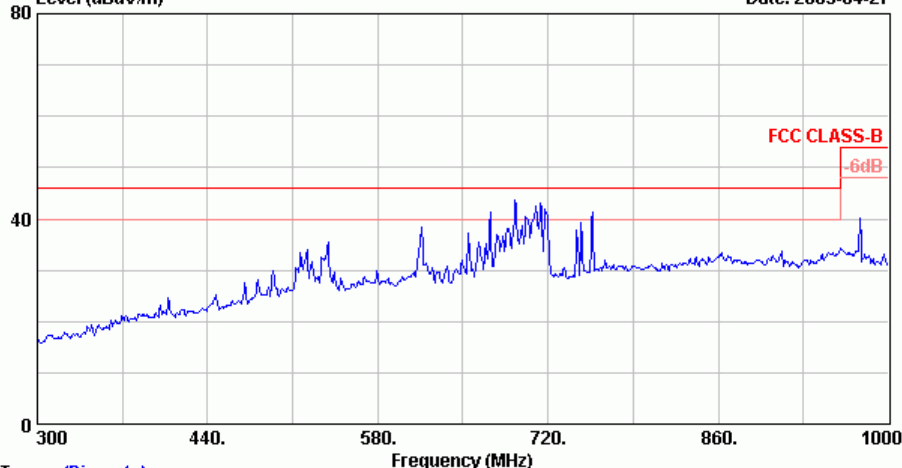
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 15
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Cass
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 10 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



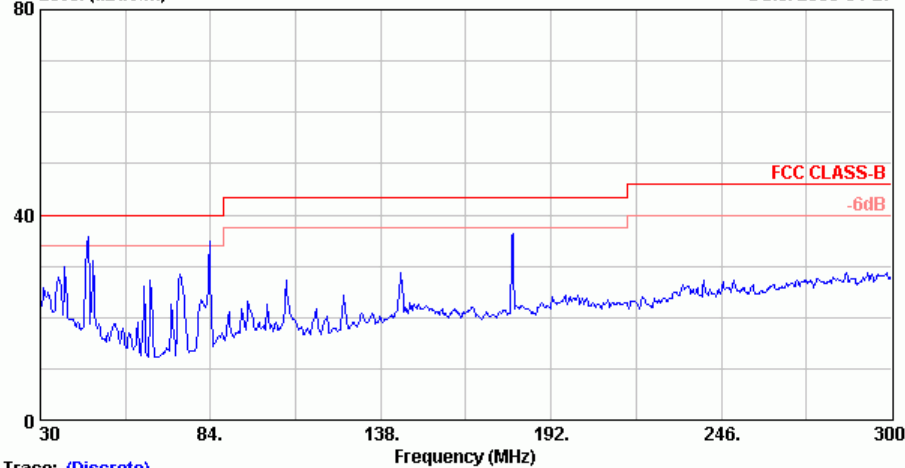
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 10
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Cass
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 16 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



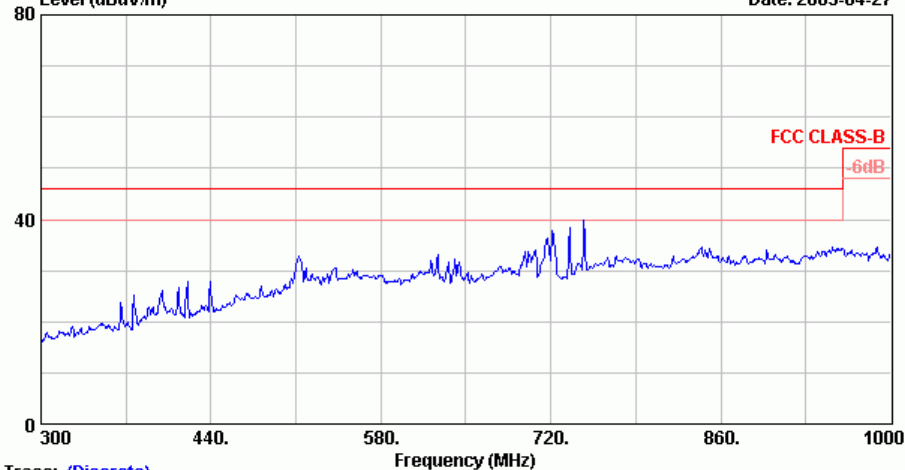
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 16
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Cass
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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Data: 9 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



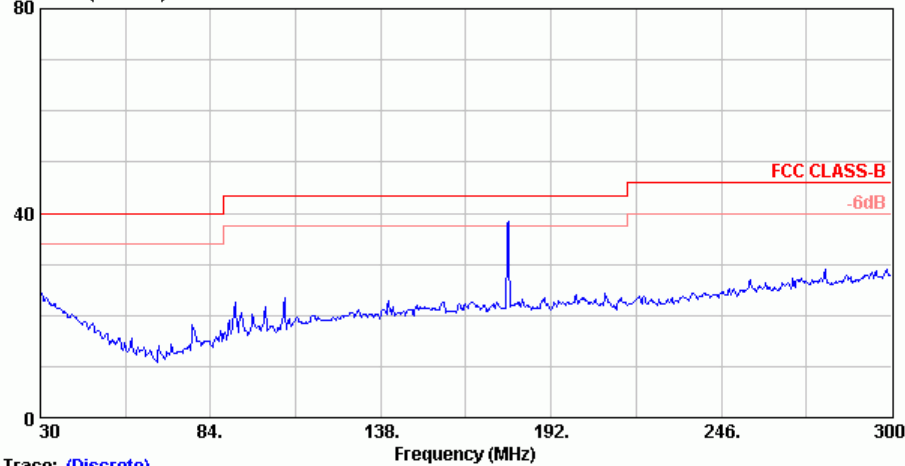
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 9
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Cass
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witol Type2M315H



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Data: 14 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



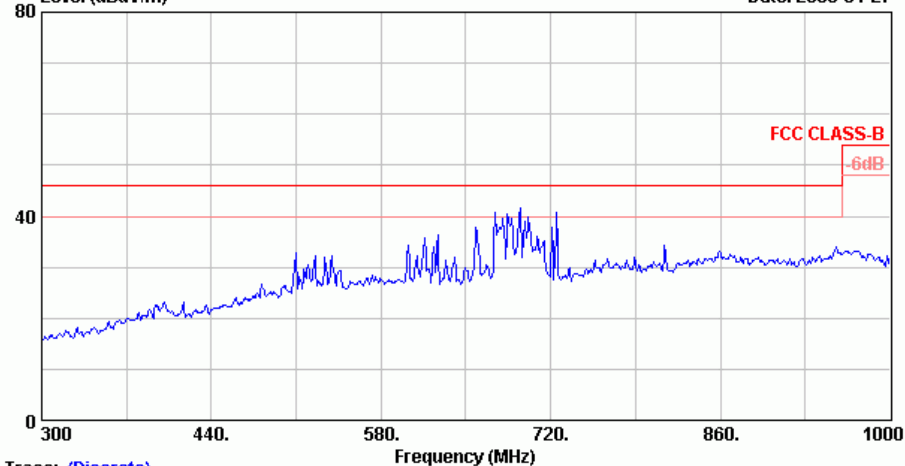
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 14
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Sing
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 11 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



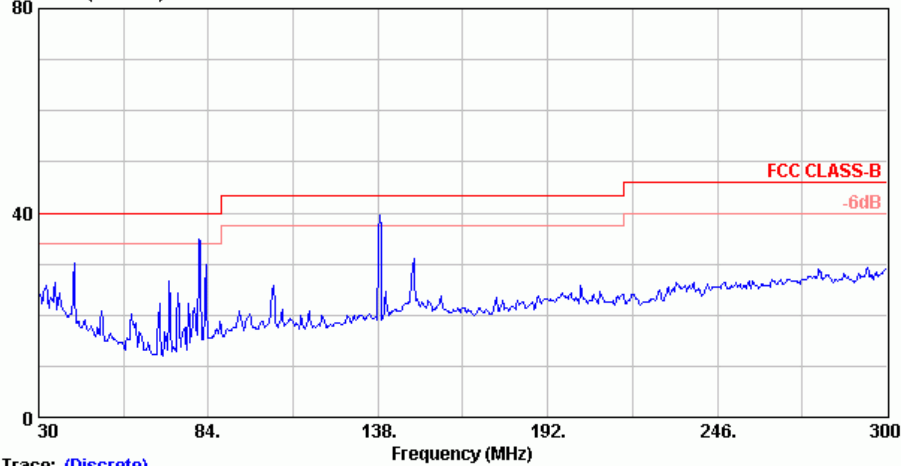
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 11
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Sing
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 13 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



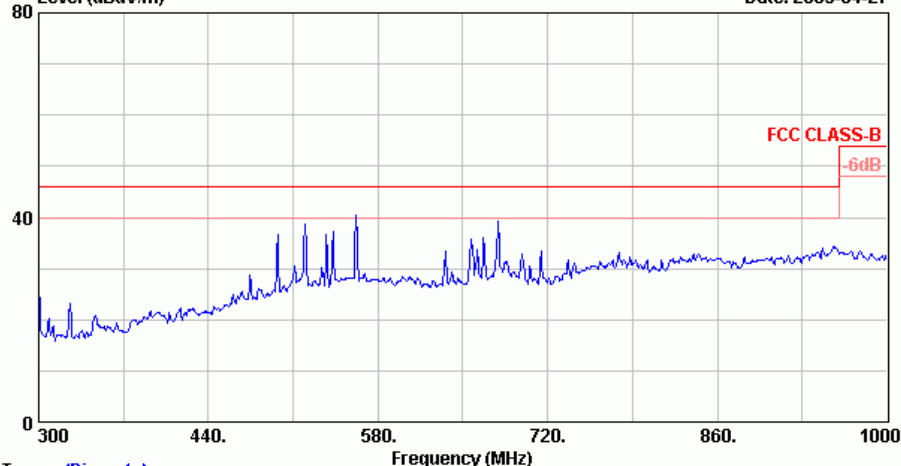
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 13
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Sing
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 12 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



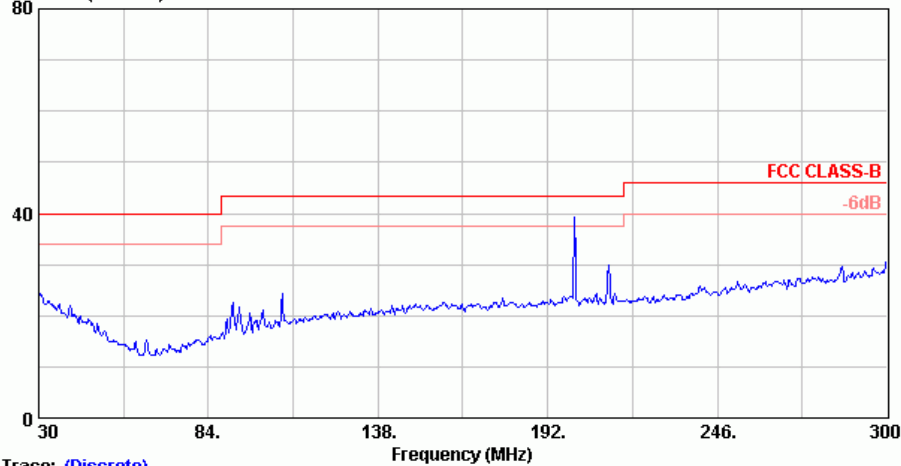
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 12
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Sing
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 19 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27

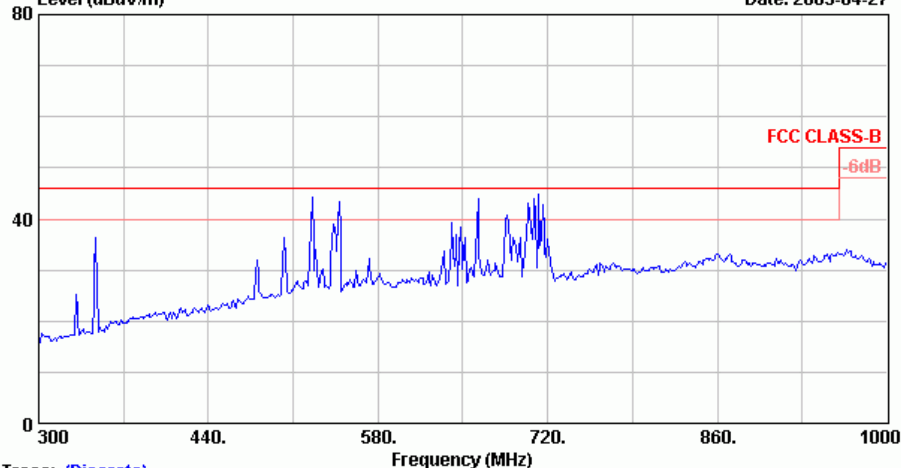


Trace: (Discrete)
Site no. : A/C Chamber Data no. : 19
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 6 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27

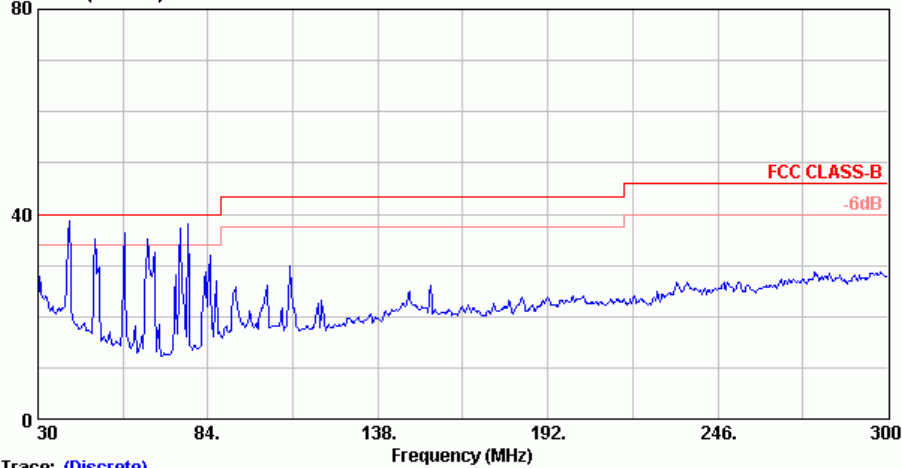


Trace: (Discrete)
Site no. : A/C Chamber Data no. : 6
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 20 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27



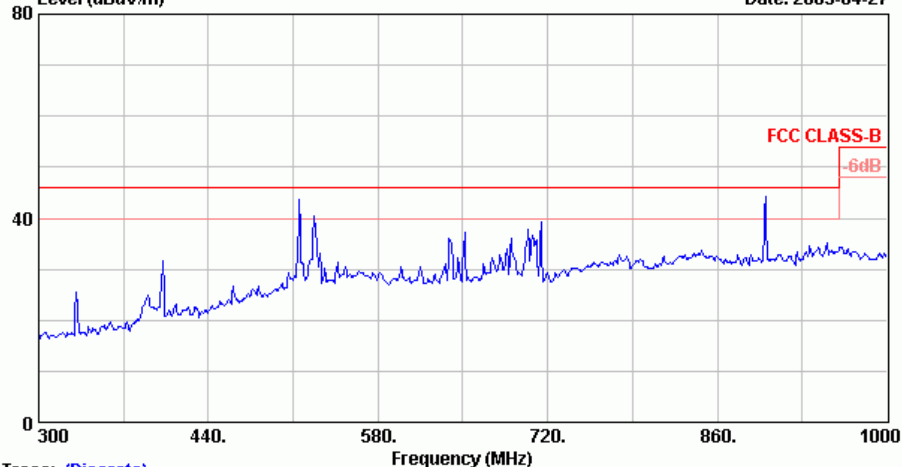
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 20
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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Data: 5 File: E:\test-data\TSANN KUEN\2005\Em940214-3\EM940214-TSK-M1704ME.EMI (53)
Level (dBuV/m) Date: 2005-04-27

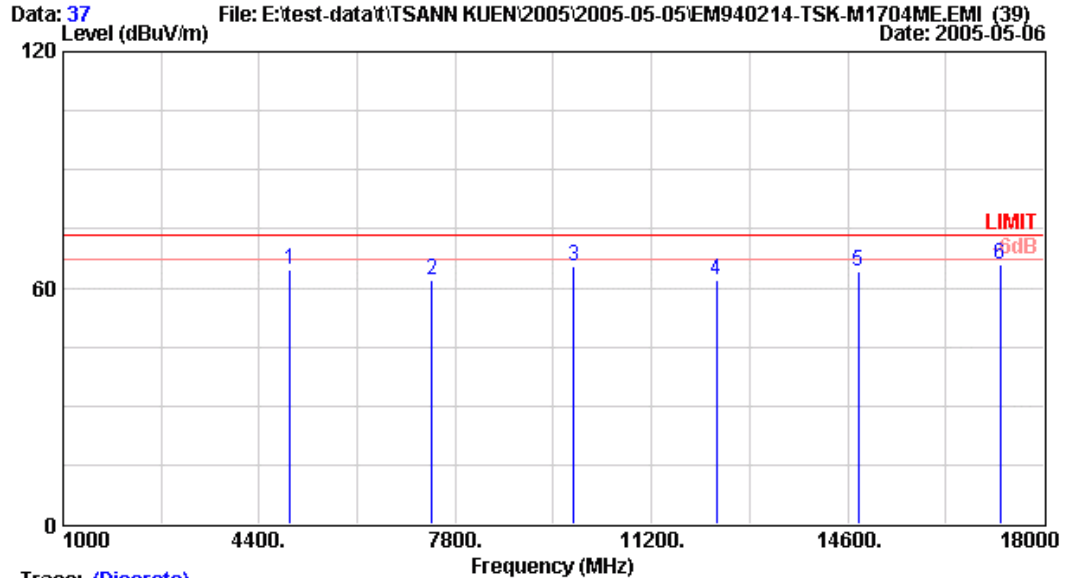


Trace: (Discrete)

Site no. : A/C Chamber Data no. : 5
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Auto Defrost
700 milliliters of waters in the beaker
located in the center of the oven
W/ Witot Type2M315H



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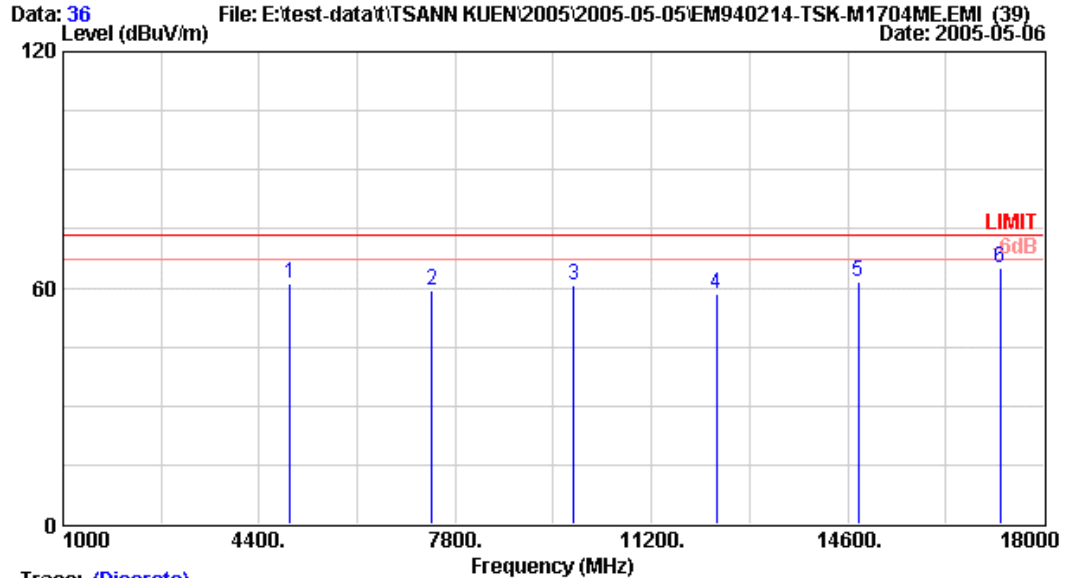
Site no. : A/C Chamber Data no. : 37
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the center of the oven
 W/ Witol Type2M315H

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4928.200	33.92	9.13	21.73	64.79	73.39	8.60	Average	
2 7392.300	37.15	11.54	13.29	61.98	73.39	11.41	Average	
3 9856.400	38.53	12.91	13.94	65.38	73.39	8.01	Average	
4 12320.500	38.89	15.00	8.00	61.90	73.39	11.49	Average	
5 14784.600	39.02	16.87	8.46	64.35	73.39	9.04	Average	
6 17248.700	43.65	17.31	4.89	65.85	73.39	7.54	Average	

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



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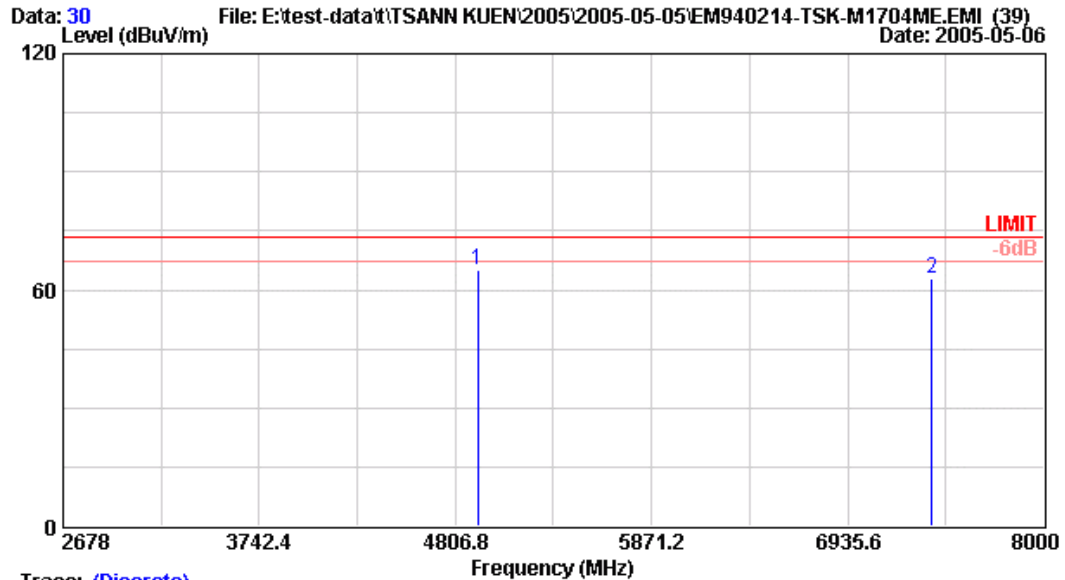
Site no. : A/C Chamber Data no. : 36
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the center of the oven
 W/ Witol Type2M315H

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4928.200	33.92	9.13	18.00	61.06	73.39	12.33	Average	
2 7392.300	37.15	11.54	10.63	59.32	73.39	14.07	Average	
3 9856.400	38.53	12.91	9.41	60.85	73.39	12.54	Average	
4 12320.500	38.89	15.00	4.60	58.50	73.39	14.89	Average	
5 14784.600	39.02	16.87	5.62	61.51	73.39	11.88	Average	
6 17248.700	43.65	17.31	3.90	64.87	73.39	8.52	Average	

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



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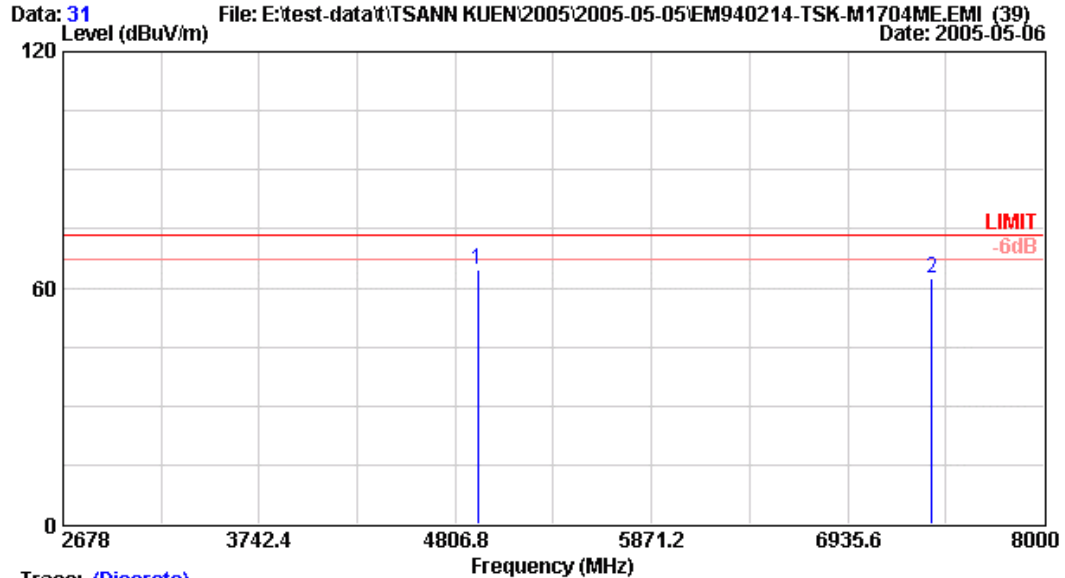
Site no. : A/C Chamber Data no. : 30
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the right front corner
 W/ Witol Type2M315H

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4928.200	33.92	9.13	21.95	65.01	73.39	8.38	Average	
2 7392.300	37.15	11.54	14.07	62.76	73.39	10.63	Average	

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



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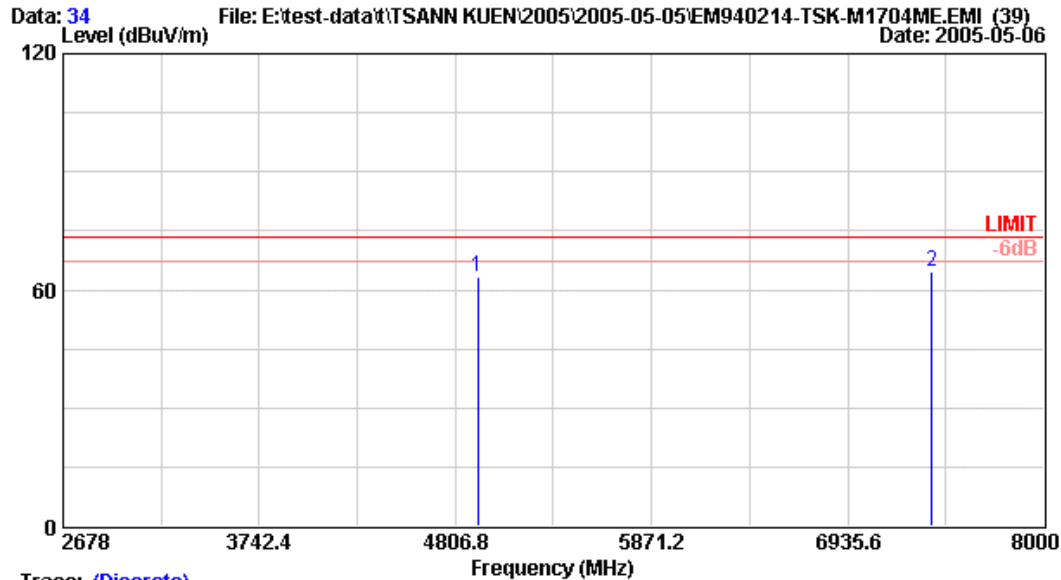
Site no. : A/C Chamber Data no. : 31
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the right front corner
 W/ Witol Type2M315H

Freq. (MHz)	Ant. Cable			Emission			Remark
	Factor (dB/m)	Loss (dB)	Reading (dB μ V)	Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	
1 4928.200	33.92	9.13	21.39	64.45	73.39	8.94	Average
2 7392.300	37.15	11.54	13.93	62.62	73.39	10.77	Average

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



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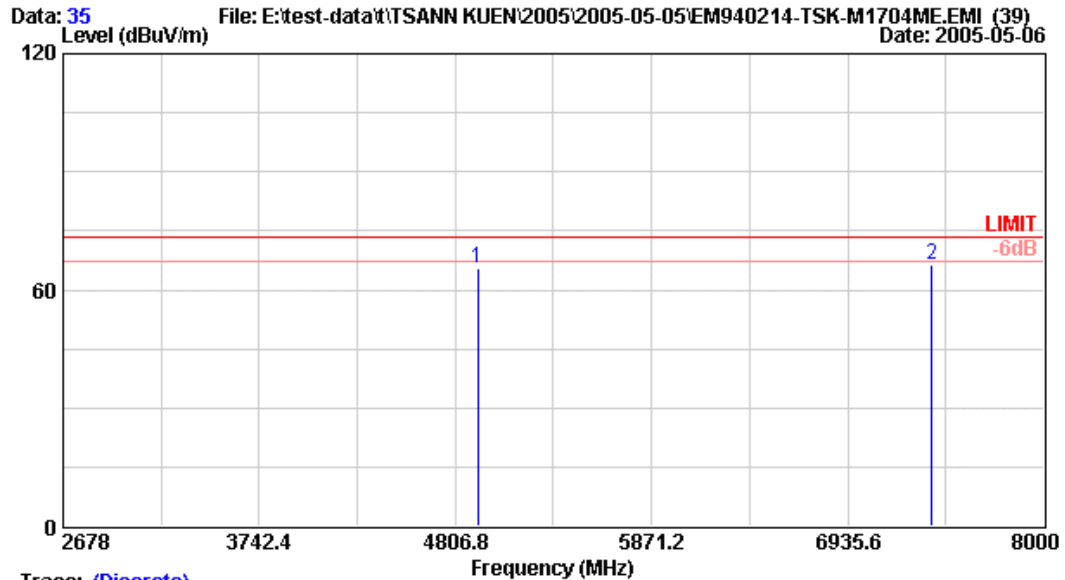
Site no. : A/C Chamber Data no. : 34
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the center of the oven
 W/ Witol Type2M315H

Freq. (MHz)	Ant. Cable			Emission				Remark
	Factor (dB/m)	Loss (dB)	Reading (dB μ V)	Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)		
1 4928.200	33.92	9.13	20.17	63.23	73.39	10.16	Average	
2 7392.300	37.15	11.54	15.83	64.52	73.39	8.87	Average	

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



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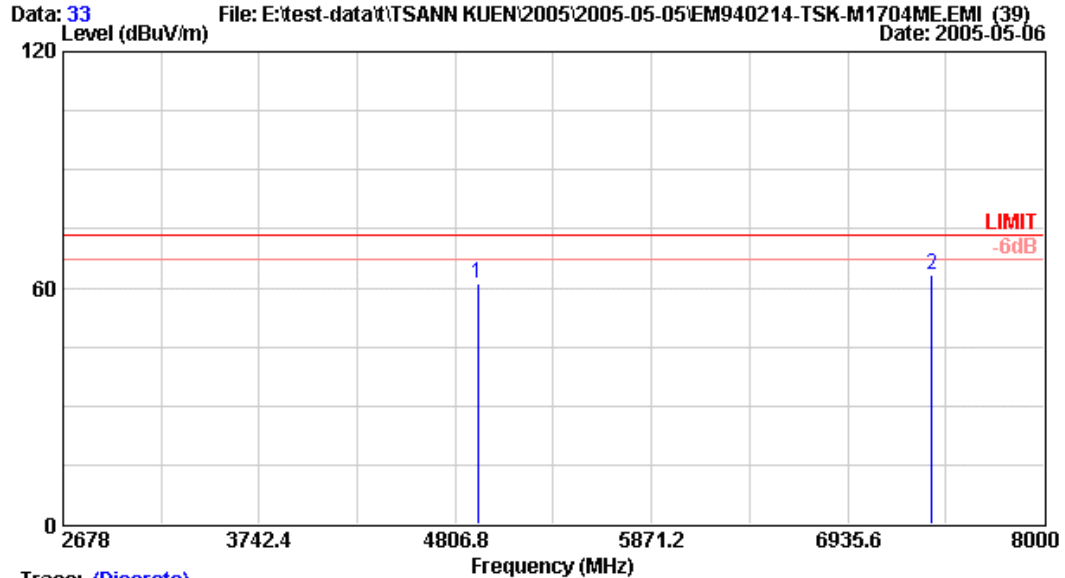
Site no. : A/C Chamber Data no. : 35
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the center of the oven
 W/ Witol Type2M315H

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4928.200	33.92	9.13	22.58	65.64	73.39	7.75	Average	
2 7392.300	37.15	11.54	17.66	66.35	73.39	7.04	Average	

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



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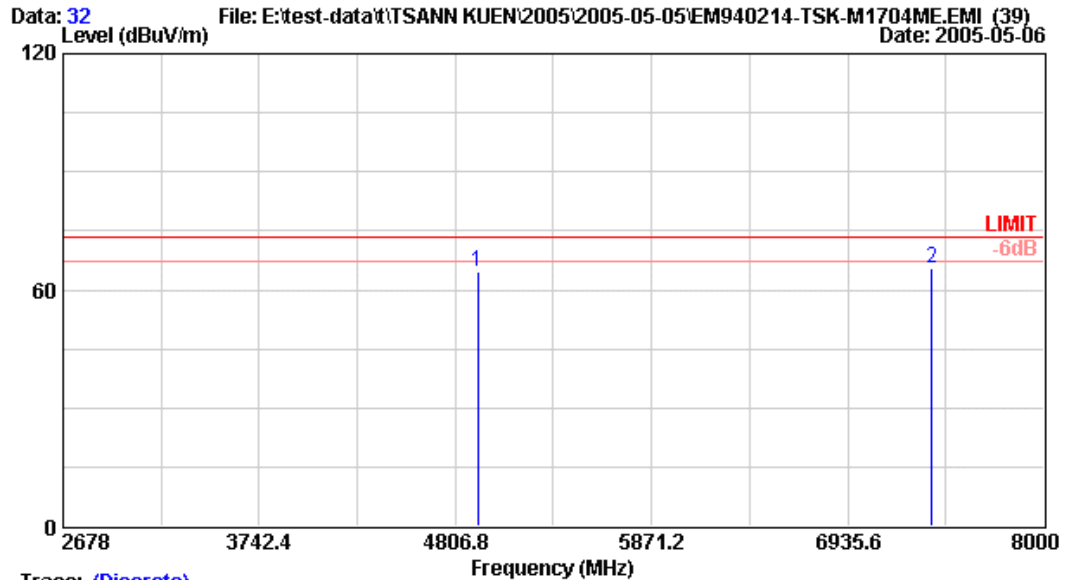
Site no. : A/C Chamber Data no. : 33
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the right front corner
 W/ Witol Type2M315H

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4928.200	33.92	9.13	18.12	61.18	73.39	12.21	Average	
2 7392.300	37.15	11.54	14.47	63.16	73.39	10.23	Average	

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



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Site no. : A/C Chamber Data no. : 32
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : LIMIT
 Env. / Ins. : 8593EM 21°C/72% Engineer : Roger Chou
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the right front corner
 W/ Witol Type2M315H

Freq. (MHz)	Ant. Cable			Emission				Remark
	Factor (dB/m)	Loss (dB)	Reading (dB μ V)	Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)		
1 4928.200	33.92	9.13	21.77	64.83	73.39	8.56	Average	
2 7392.300	37.15	11.54	16.81	65.50	73.39	7.89	Average	

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

7.6.6. EUT : Microwave Oven M/N : TSK-M1704ME

Magnetron : Toshiba, Type 2M231CH(EP)-A

EUT with following test modes were measured at Semi-Anechoic Chamber and all the test results are listed in next pages.

Test Date : Apr. 27, 2005 Temperature : 21°C Humidity : 72%

Test Date : May 06, 2005 Temperature : 20°C Humidity : 70%

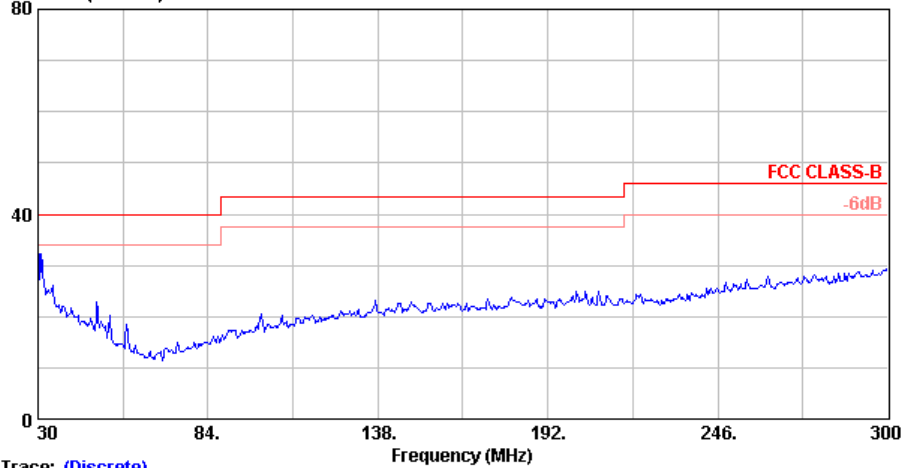
The details of test mode and reference test data are as follows :

NO.	Frequency range	Test Mode	Reference Test Data No.	
			Horizontal	Vertical
1.	Below 1GHz (30MHz-1GHz)	Load: 700ml, Beaker Location: Center (Popcom)	# 23, #1	# 24, #2
2.		Load: 700ml, Beaker Location: Center (Beverage)	# 22, #4	# 21, #3
3.		Load: 700ml, Beaker Location: Center (Soup)	# 18, #8	# 17, #7
4.		Load: 700ml, Beaker Location: Center (Cass)	# 15, #9	# 16, #10
5.		Load: 700ml, Beaker Location: Center (Sing)	# 14, #12	# 13, #11
6.		Load: 700ml, Beaker Location: Center (Auto Defrost)	# 19, #5	# 20, #6
7.	Above 1GHz (1GHz-25GHz)	Load: 700ml, Beaker Location: Center	# 34	# 33
8.	Above 1GHz. (On second and third harmonics)	Load: 700ml, Beaker Location: Right Front Corner	# 26	# 25
9.		Load: 300ml, Beaker Location: Center	# 29	# 30
10.		Load: 300ml, Beaker Location: Right Front Corner	# 27	# 28



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Data: 23 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



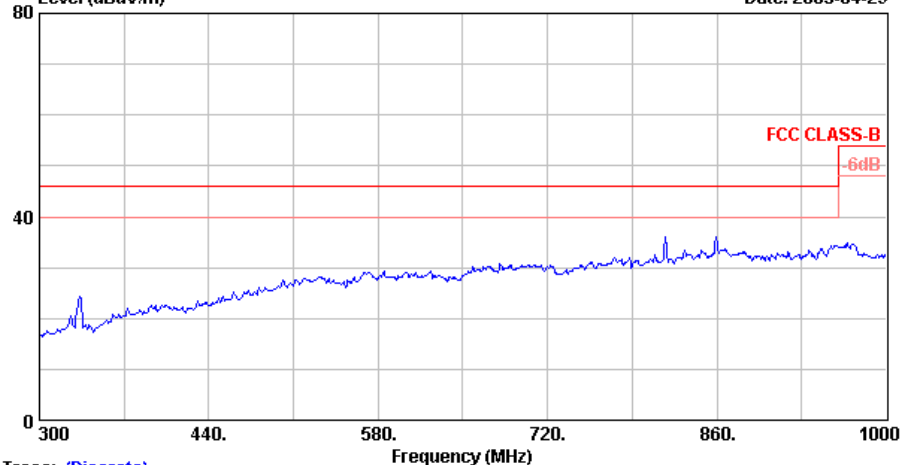
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 23
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Popcorn
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 1 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



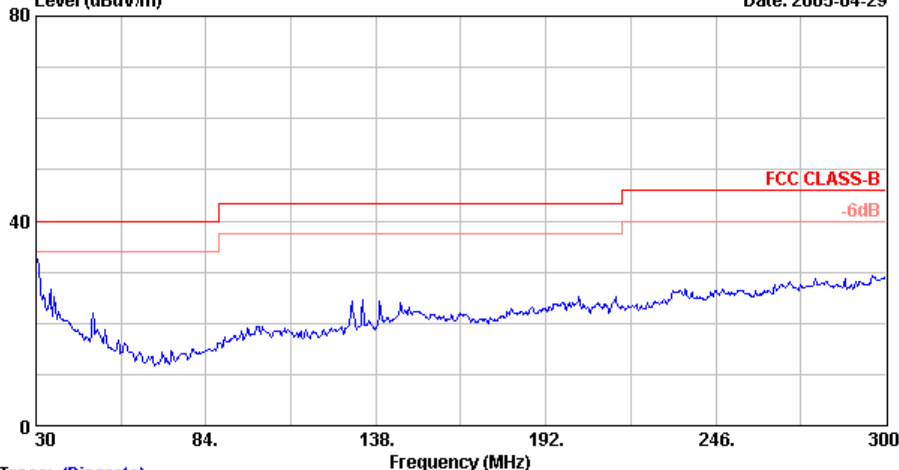
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 1
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Popcorn
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 24 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



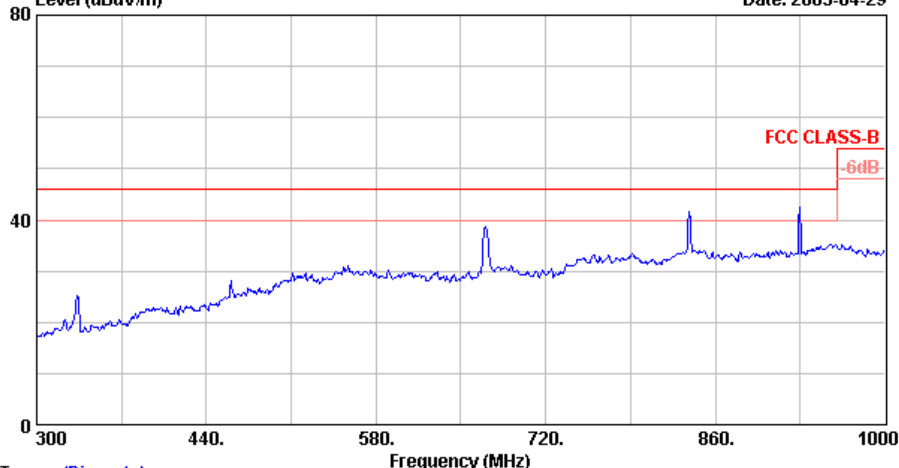
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 24
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Popcorn
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 2 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



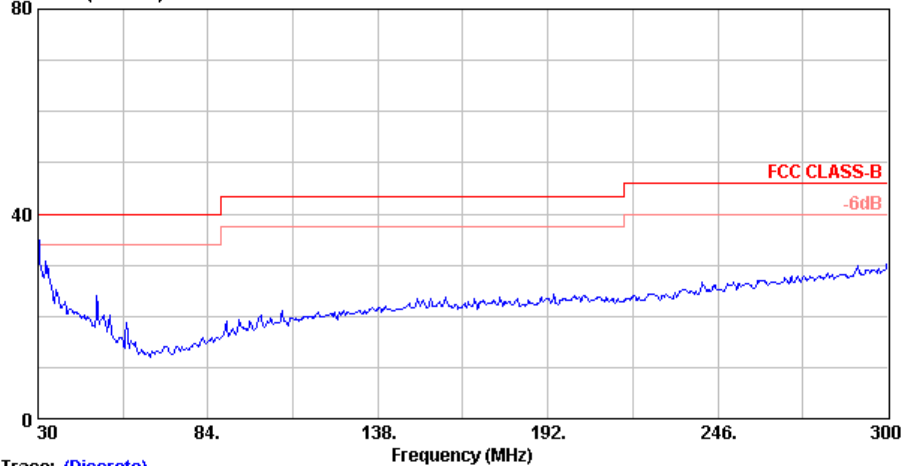
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Popcorn
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 22 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



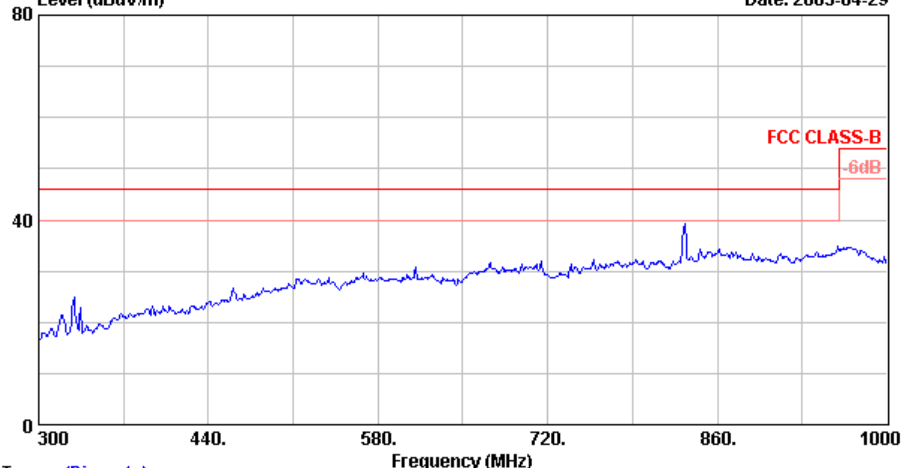
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 22
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Beverage
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 4 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



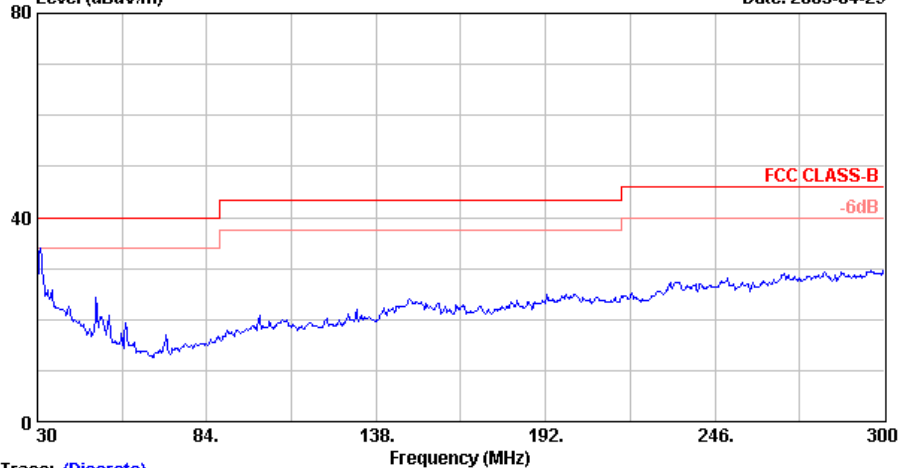
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 4
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Beverage
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 21 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29



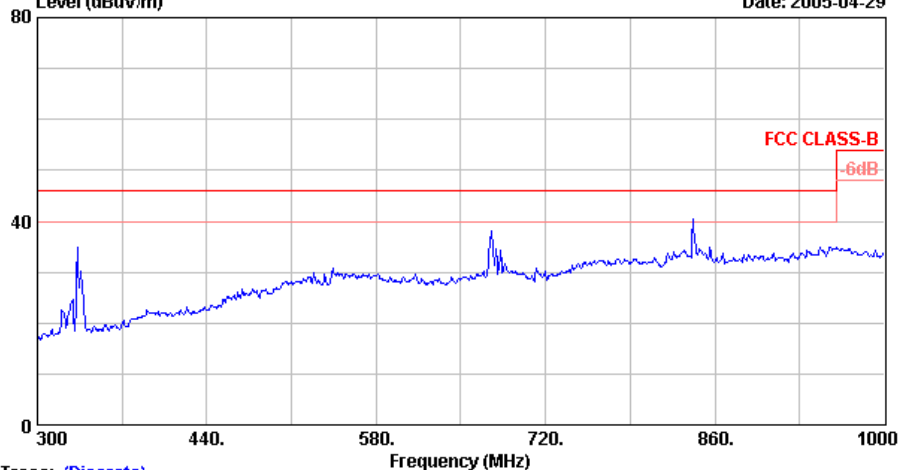
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 21
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Beverage
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 3 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29



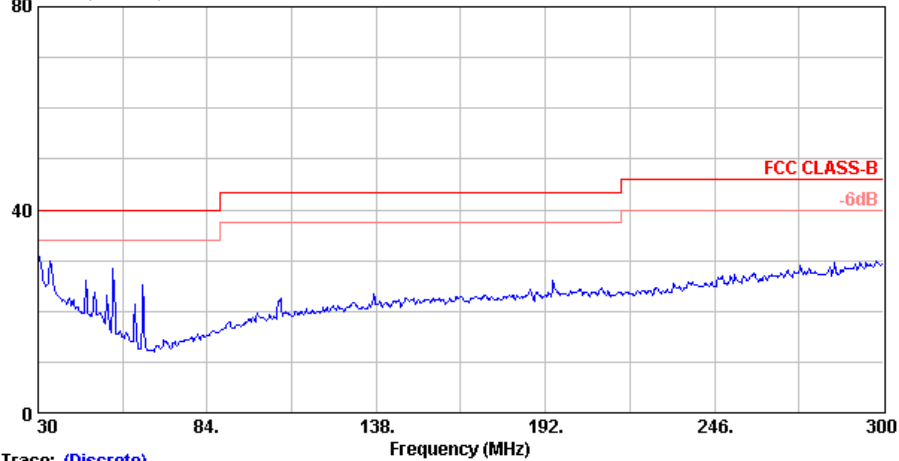
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 3
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Beverage
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 18 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 18
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Soup
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 8 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



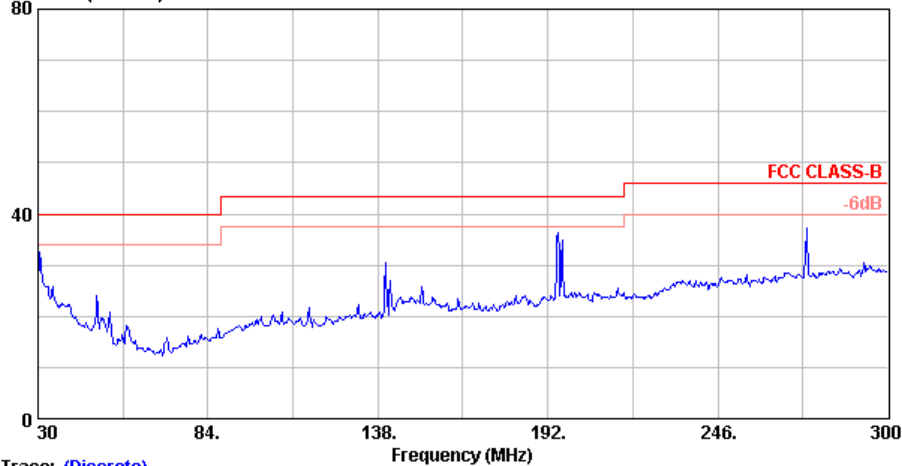
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Soup
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 17 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



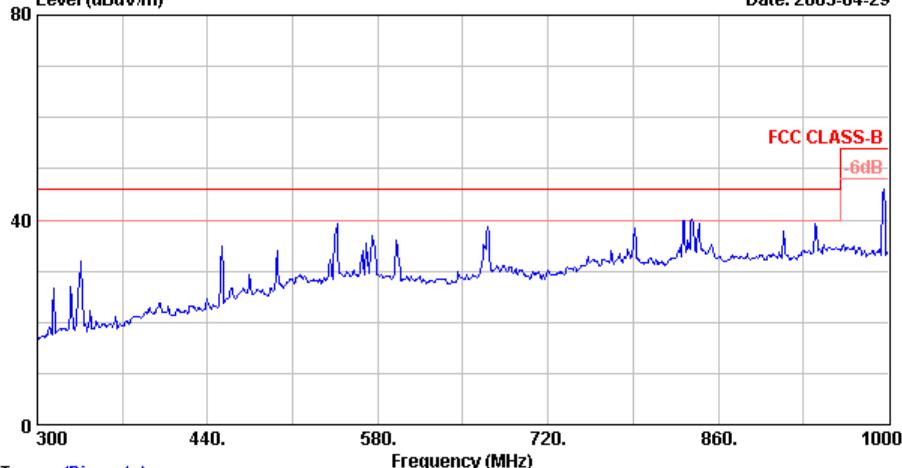
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 17
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Soup
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 7 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



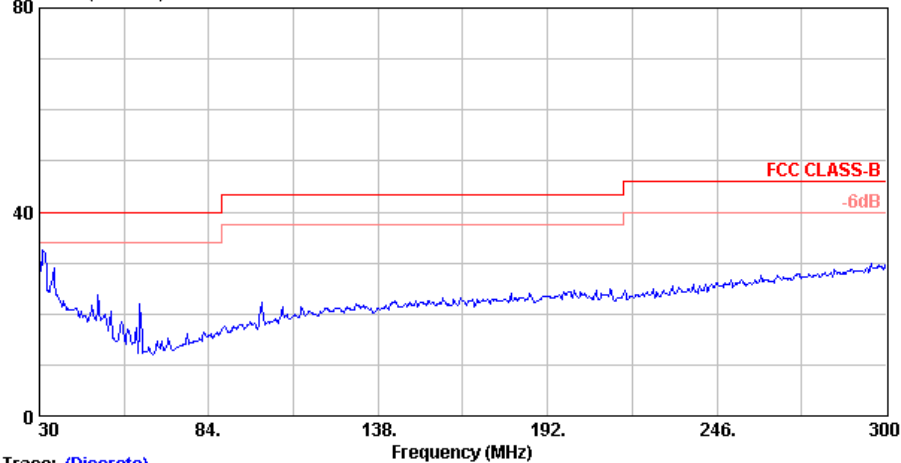
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Soup
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 15 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



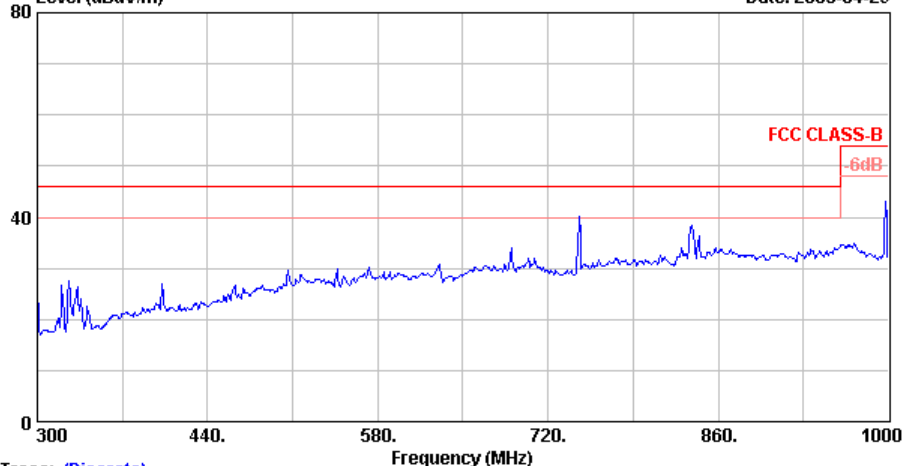
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 15
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Cass
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 9 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



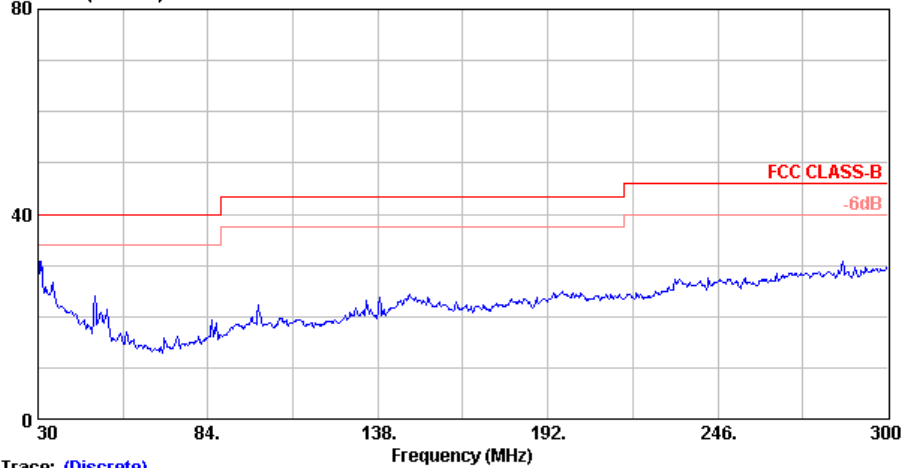
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 9
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Cass
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 16 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



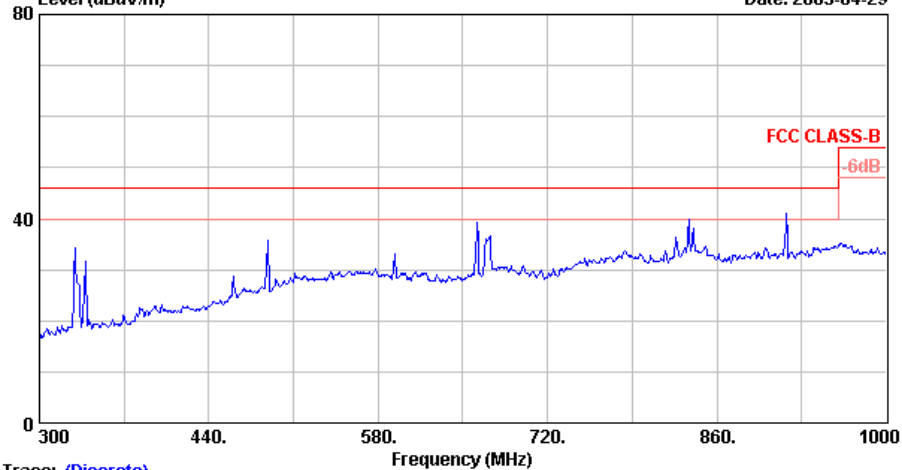
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 16
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Cass
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 10 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



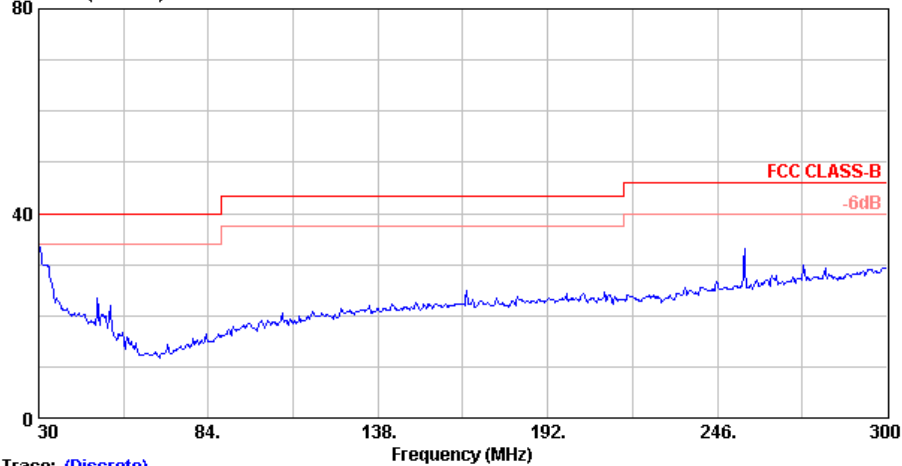
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 10
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Cass
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 14 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29



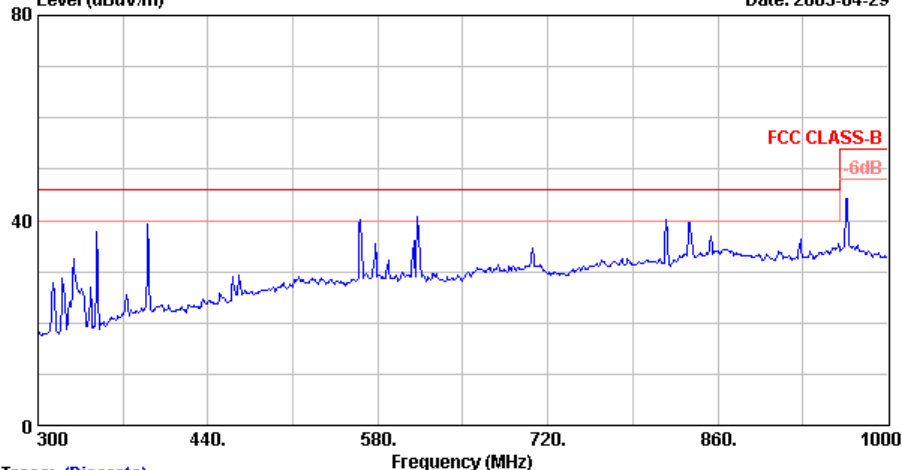
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 14
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Sing
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 12 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29



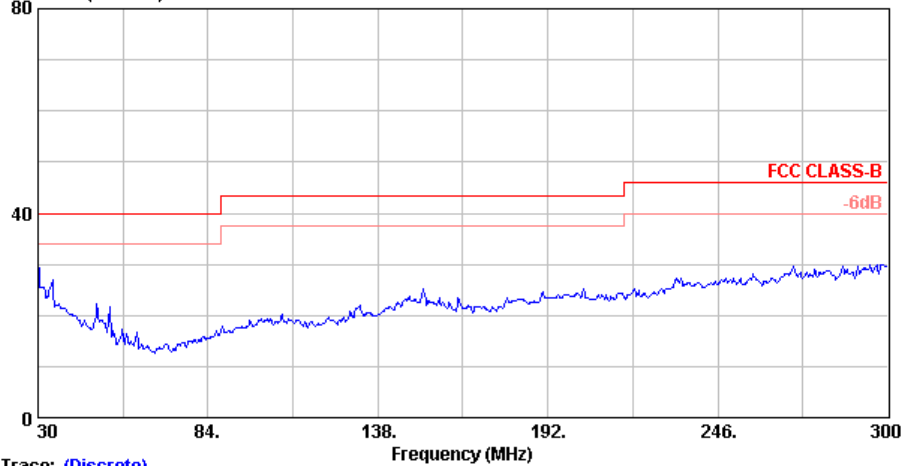
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 12
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Sing
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 13 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)



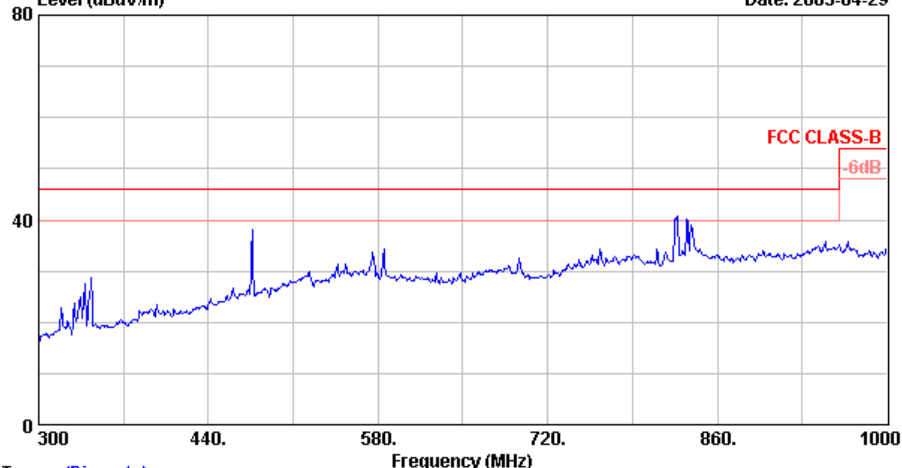
Trace: (Discrete)

Site no. : A/C Chamber Data no. : 13
Dis. / Ant. : 3m BBA9106(A3L) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Sing
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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Data: 11 File: E:\test-data\TSANN KUEN\2005\FINAL\EM940214-(1).EMI (39) Date: 2005-04-29
Level (dBuV/m)

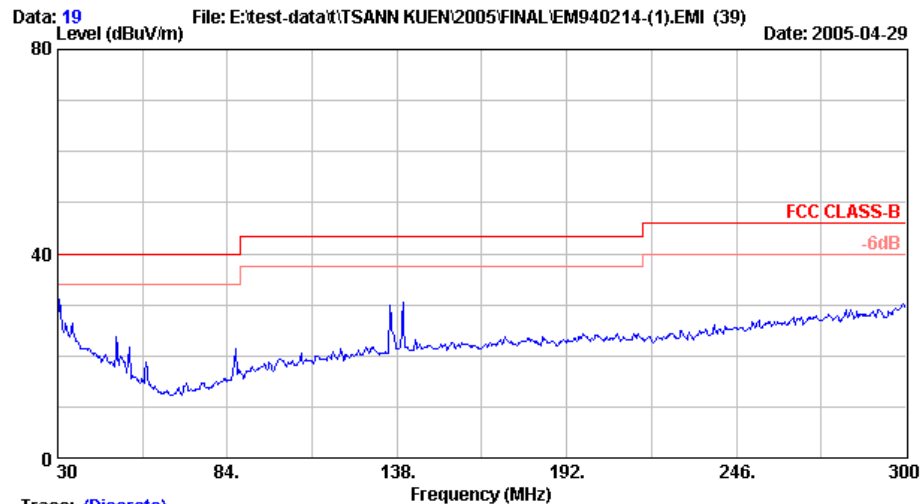


Trace: (Discrete)

Site no. : A/C Chamber Data no. : 11
Dis. / Ant. : 3m UHALP9108-A(0139) Ant. pol. : VERTICAL
Limit : FCC CLASS-B
Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME
Power Rating : 120V/60Hz
Test Mode : Sing
700 milliliters of waters in the beaker
located in the center of the oven
W/ Toshiba , Type 2M231CH(EP)-A



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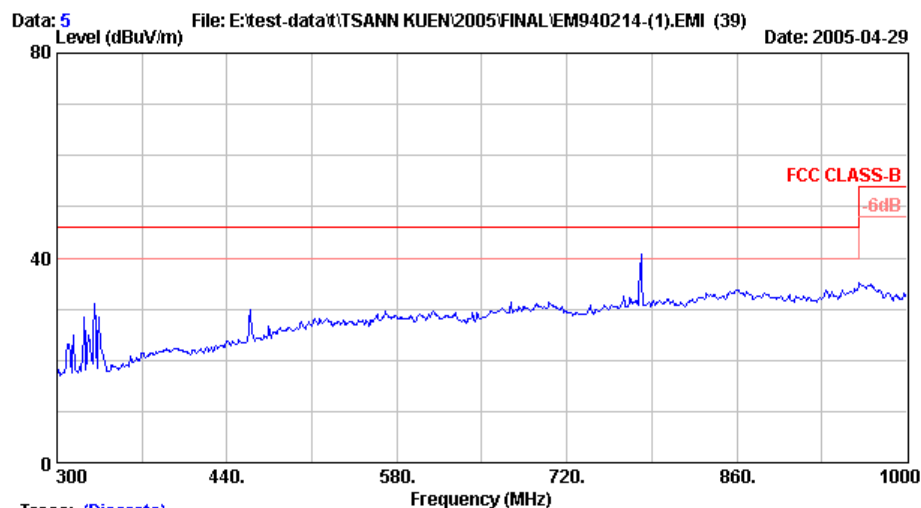


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 19
Dis. / Ant. : 3m BBA9106(A3L)	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 20°C/70%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME	
Power Rating : 120V/60Hz	
Test Mode : Auto Defrost	
700 milliliters of waters in the beaker located in the center of the oven W/ Toshiba , Type 2M231CH(EP)-A	



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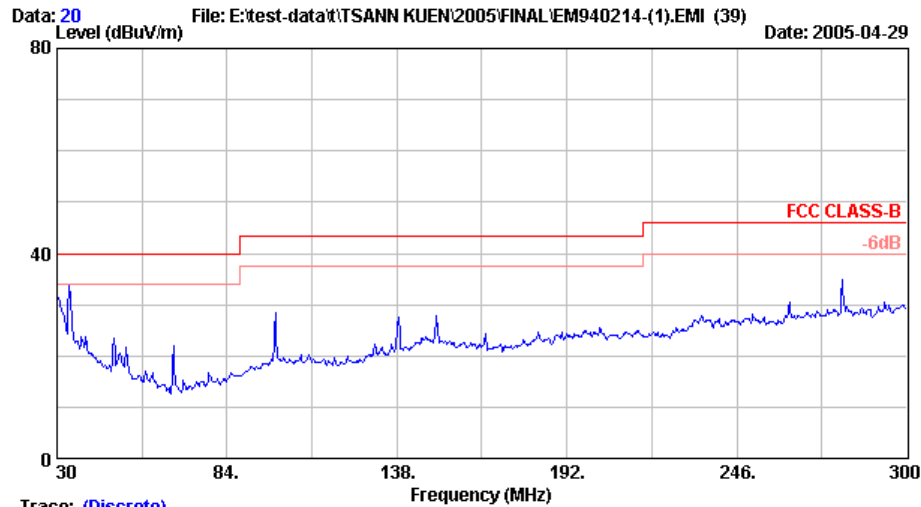


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m UHALP9108-A(0139)	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B	
Env. / Ins. : 8593EM 20°C/70%	Engineer : Hyper Chang
EUT : Microwave Oven M/N:TSK-M1704ME	
Power Rating : 120V/60Hz	
Test Mode : Auto Defrost	
700 milliliters of waters in the beaker located in the center of the oven W/ Toshiba , Type 2M231CH(EP)-A	



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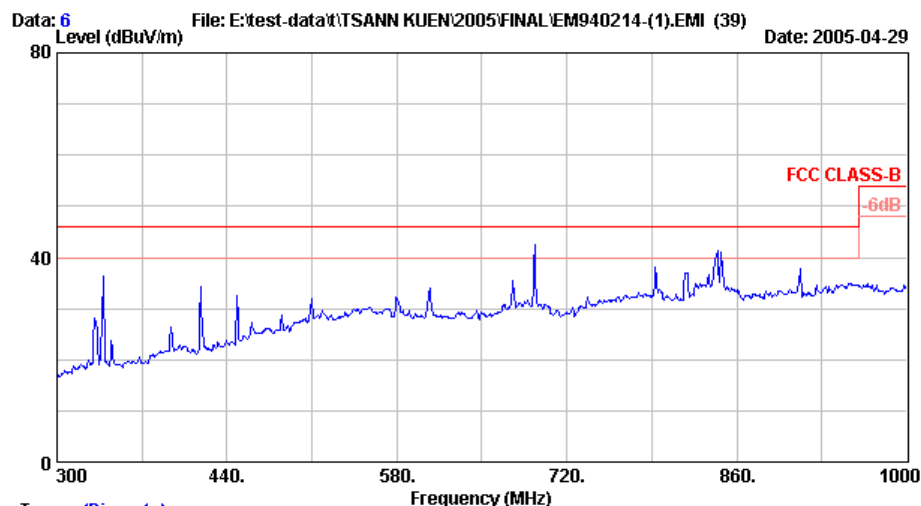


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 20
Dis. / Ant.	: 3m BBA9106(A3L)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 120V/60Hz		
Test Mode	: Auto Defrost		
700 milliliters of waters in the beaker			
located in the center of the oven			
W/ Toshiba , Type 2M231CH(EP)-A			



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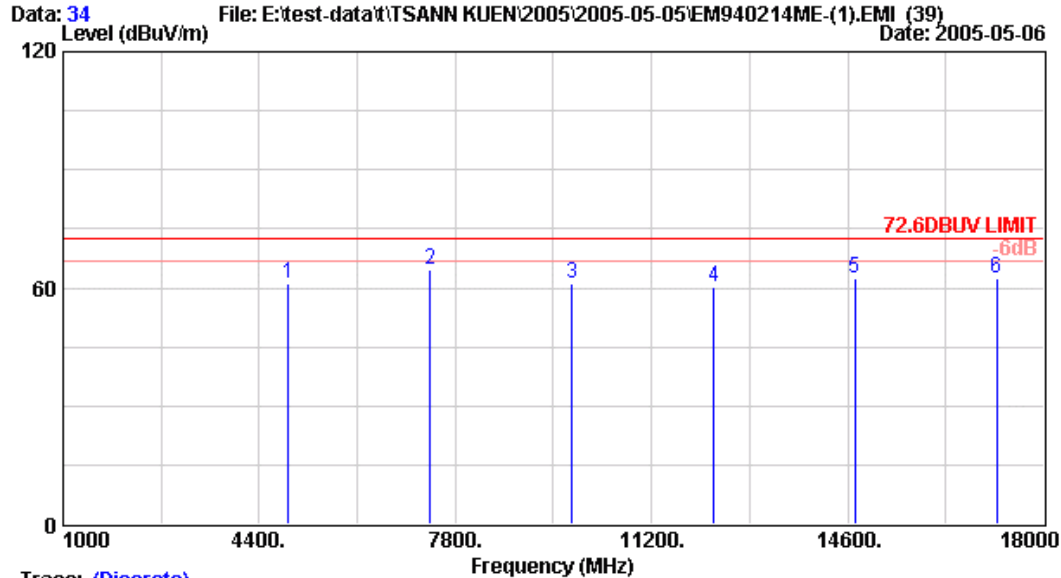


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 6
Dis. / Ant.	: 3m UHALP9108-A(0139)	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B		
Env. / Ins.	: 8593EM 20°C/70%	Engineer	: Hyper Chang
EUT	: Microwave Oven M/N:TSK-M1704ME		
Power Rating	: 120V/60Hz		
Test Mode	: Auto Defrost		
700 milliliters of waters in the beaker			
located in the center of the oven			
W/ Toshiba , Type 2M231CH(EP)-A			



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Trace: (Discrete)

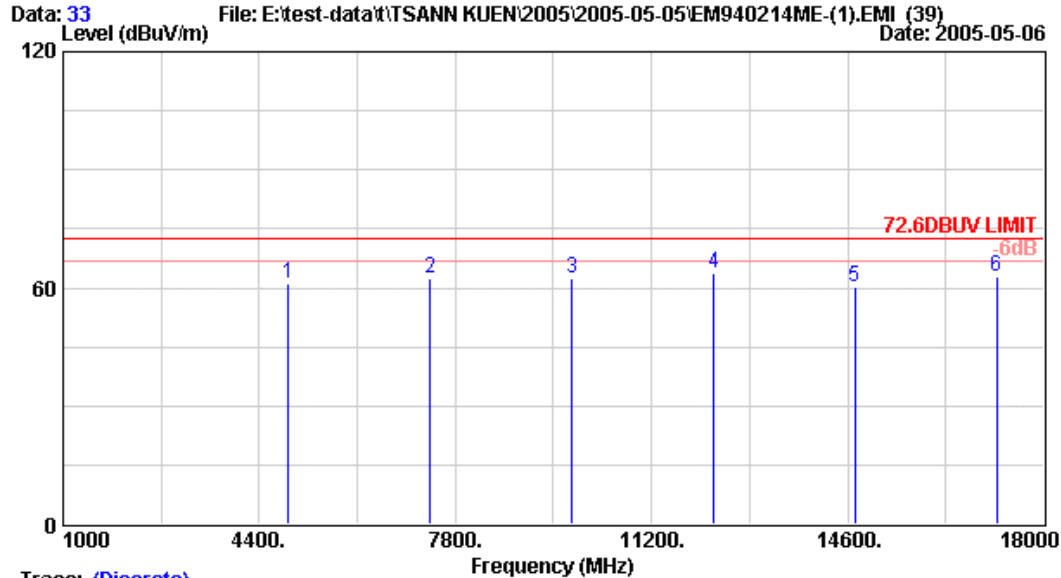
Site no. : A/C Chamber Data no. : 34
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.6DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the center of the oven
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4909.600	33.89	9.13	18.23	61.25	72.60	11.35	Average	
2 7364.400	37.10	11.51	16.05	64.66	72.60	7.94	Average	
3 9819.200	38.50	12.91	9.58	61.00	72.60	11.60	Average	
4 12274.000	38.87	15.00	6.18	60.05	72.60	12.55	Average	
5 14728.800	39.20	16.82	6.61	62.62	72.60	9.98	Average	
6 17183.600	43.34	17.24	1.83	62.41	72.60	10.19	Average	

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



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Trace: (Discrete)

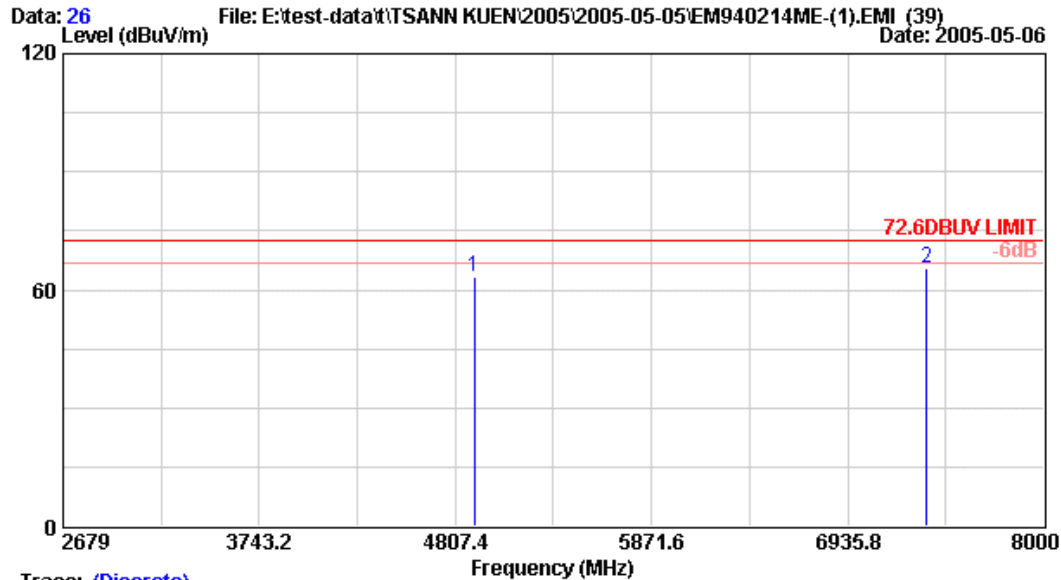
Site no. : A/C Chamber Data no. : 33
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.6DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the center of the oven
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4909.600	33.89	9.13	18.12	61.15	72.60	11.45	Average	
2 7364.400	37.10	11.51	13.74	62.35	72.60	10.25	Average	
3 9819.200	38.50	12.91	11.13	62.55	72.60	10.05	Average	
4 12274.000	38.87	15.00	10.00	63.87	72.60	8.73	Average	
5 14728.800	39.20	16.82	4.01	60.03	72.60	12.57	Average	
6 17183.600	43.34	17.24	2.08	62.66	72.60	9.94	Average	

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



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Trace: (Discrete)

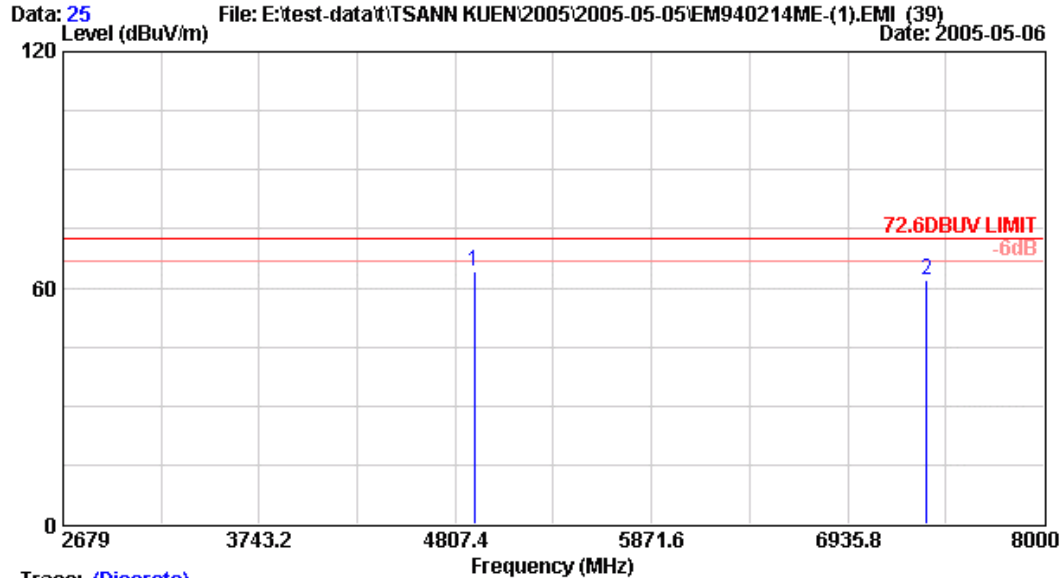
Site no. : A/C Chamber Data no. : 26
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.6DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the right front corner
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4909.600	33.89	9.13	20.48	63.50	72.60	9.10	Average	
2 7364.400	37.10	11.51	16.84	65.44	72.60	7.16	Average	

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



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Trace: (Discrete)

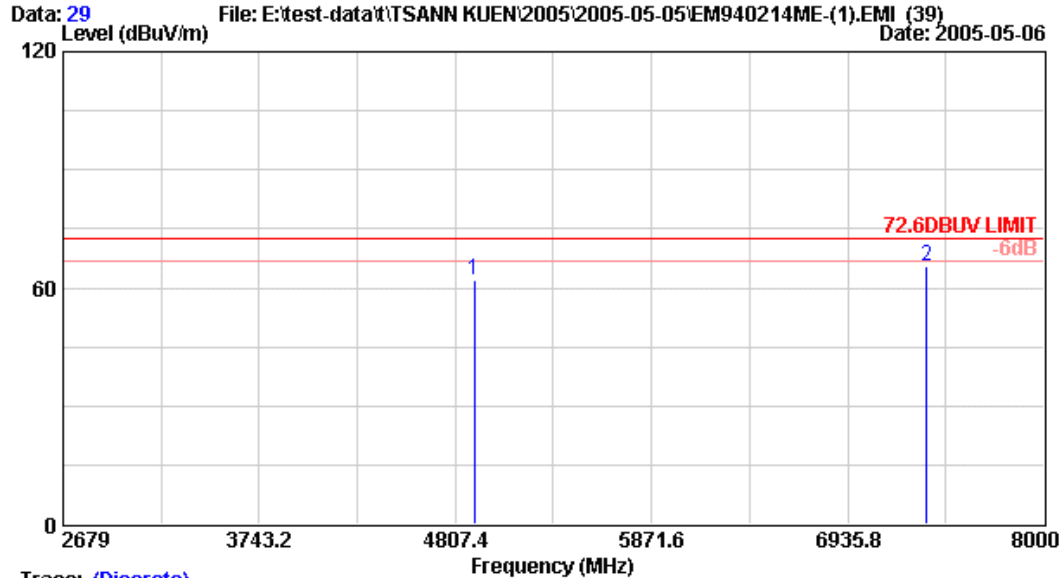
Site no. : A/C Chamber Data no. : 25
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.6DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 700 milliliters of waters in the beaker
 located in the right front corner
 W/ Toshiba , Type 2M231CH(EP)-A

Freq. (MHz)	Ant. Cable			Emission			Remark
	Factor (dB/m)	Loss (dB)	Reading (dB μ V)	Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	
1 4909.600	33.89	9.13	21.18	64.20	72.60	8.40	Average
2 7364.400	37.10	11.51	13.44	62.05	72.60	10.55	Average

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



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Trace: (Discrete)

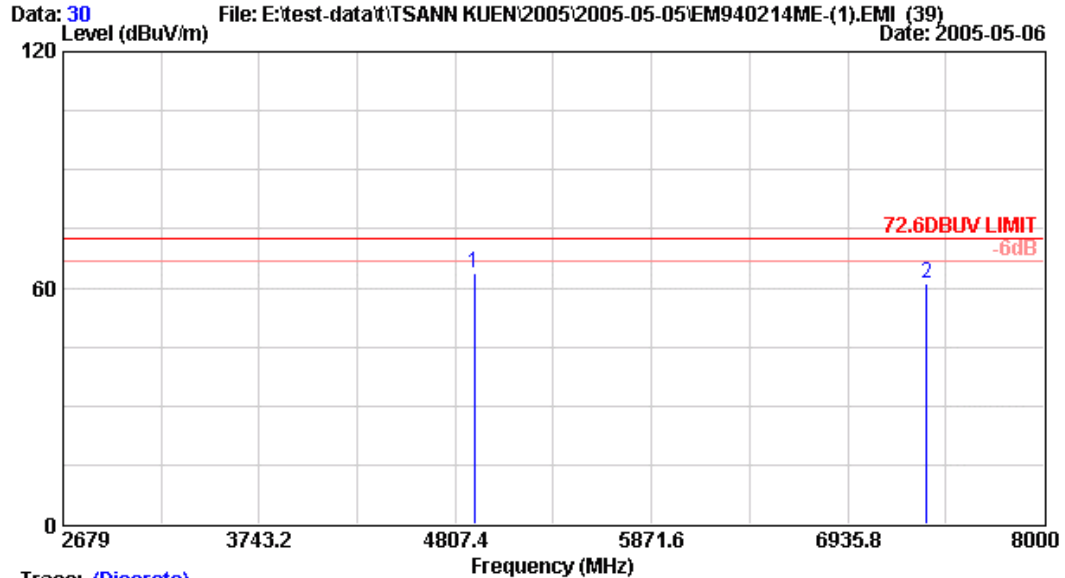
Site no. : A/C Chamber Data no. : 29
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.6DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the center of the oven
 W/ Toshiba , Type 2M231CH(EP)-A

Freq. (MHz)	Ant. Cable		Emission		Limits	Margin	Remark
	Factor	Loss	Reading	Level			
	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)	
1 4909.600	33.89	9.13	18.76	61.78	72.60	10.82	Average
2 7364.400	37.10	11.51	16.95	65.56	72.60	7.04	Average

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



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Trace: (Discrete)

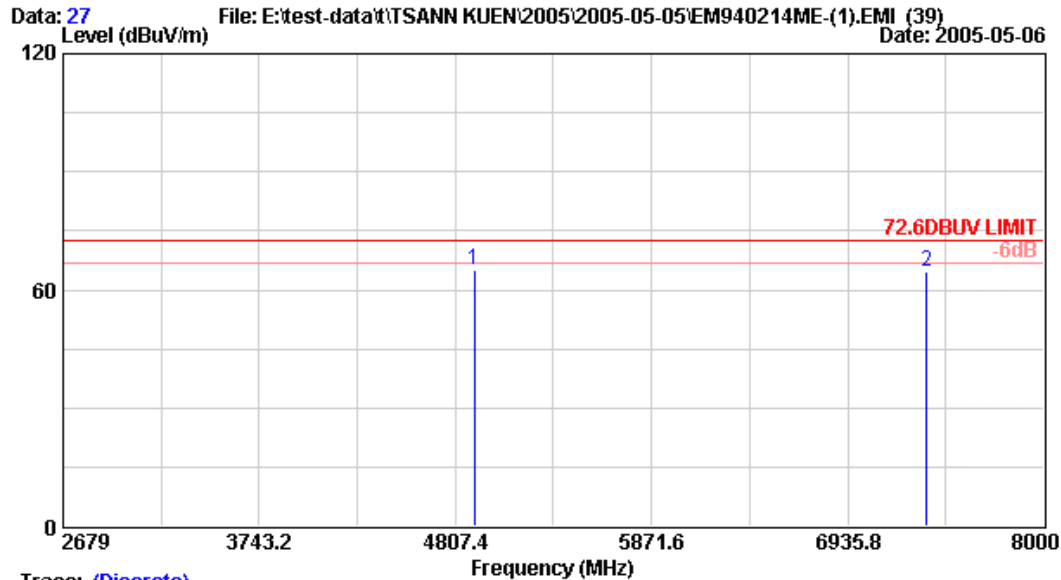
Site no. : A/C Chamber Data no. : 30
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.6DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the center of the oven
 W/ Toshiba , Type 2M231CH(EP)-A

Freq. (MHz)	Ant. Cable			Emission				Remark
	Factor (dB/m)	Loss (dB)	Reading (dB μ V)	Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)		
1 4909.600	33.89	9.13	20.51	63.53	72.60	9.07	Average	
2 7364.400	37.10	11.51	12.49	61.10	72.60	11.50	Average	

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



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Trace: (Discrete)

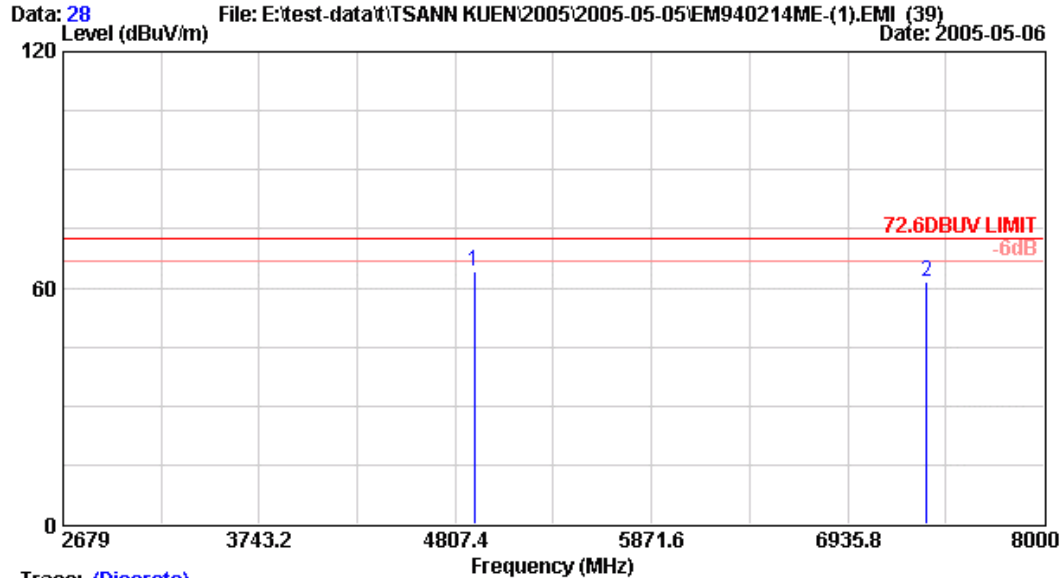
Site no. : A/C Chamber Data no. : 27
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : 72.6DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the right front corner
 W/ Toshiba , Type 2M231CH(EP)-A

		Ant. Cable		Emission				
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB μ V)	(dB μ V/m)	(dB μ V/m)	(dB)		
1 4909.600	33.89	9.13	21.99	65.01	72.60	7.59	Average	
2 7364.400	37.10	11.51	16.10	64.71	72.60	7.89	Average	

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



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Trace: (Discrete)

Site no. : A/C Chamber Data no. : 28
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : 72.6DBUV LIMIT
 Env. / Ins. : 8593EM 20°C/70% Engineer : Hyper Chang
 EUT : Microwave Oven M/N:TSK-M1704ME
 Power Rating : 120V/60Hz
 Test Mode : High
 300 milliliters of waters in the beaker
 located in the right front corner
 W/ Toshiba , Type 2M231CH(EP)-A

Freq. (MHz)	Ant. Cable		Emission		Limits	Margin	Remark
	Factor (dB/m)	Loss (dB)	Reading (dB μ V)	Level (dB μ V/m)			
1 4909.600	33.89	9.13	21.03	64.05	72.60	8.55	Average
2 7364.400	37.10	11.51	12.91	61.52	72.60	11.08	Average

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

8. DEVIATION TO TEST SPECIFICATIONS

【NONE】