Nicetex Electronic Ltd.

900MHz Transmitter and Receive (Speaker with USB)

Model Number: NE-511

Prepared for : Nicetex Electronic Ltd.
Rm.22, 14/F., Block A, Hi-Tech Ind., Center, 5-21 Pak Tin Par Street Tsuen Wan.

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Ke Feng Rd., 52 Block,
Shenzhen Science & Industrial Park,
Nantou, Shenzhen, Guangdong, China

Tel: (0755) 26639496

Report Number	:	ACS-F05065
Date of Test	:	Feb.26~28, 2005
Date of Report	:	Mar.16, 2005

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Description Page

Test Report Declaration

TEST REPORT DECLARATION

Applicant : Nicetex Electronic Ltd.

Manufacturer : Mei Hua Electronics Factory

EUT Description : 900MHz Transmitter and Receive (Speaker with USB)

(A) MODEL NO. : NE-511
(B) SERIAL NO. : F2005031601
(C) POWER SUPPLY : DC 6V Adaptor Input 120V/60Hz

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Apr. 2004

The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C limits for radiated and conducted emissions.
The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed full responsibility for the accuracy and completeness of tests. Also, this report shows that EUT is technically compliant with FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shenzhen) Co., Ltd.
This report must not be used by the applicant to claim product endorsement by NVLAP or any agency of the U.S. Government.

Date of Test : Feb.26~28, 2005

Prepared by : Elsa Wu / Assistant

Reviewer : Lake Wang / Supervisor

Approved & Authorized Signer : Ken Lu / Assistant Manager

AUDIX ® 信華科技(深圳)有限公司 Audix Technology (Shenzhen) Co., Ltd. EMC 部門報告專用章 Stamp only for EMC Dept. Report Signature: Ken lu

Name of the Representative of the Responsible Party : _____

Signature : _____

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description : 900MHz Transmitter and Receive (Speaker with USB)

Model Number : NE-511

Applicant : Nicetex Electronic Ltd.
Rm.22, 14/F., Block A, Hi-Tech Ind., Center, 5-21 Pak Tin Par Street Tsuen Wan.

Manufacturer : Mei Hua Electronics Factory
Kwan Chen Tow Village, Industrial Zone, Fung Gang, Dong Guan, China.

Date of Test : Feb.26~28, 2005

1.2. Tested Supporting System Details

1.2.1. Power Adaptor

Model Number : 4824-0610-3DC
Manufacturer : Polg-Products
Cable : Unshielded, Undetachable, 1.7m

1.2.2. PC

M/N : DIMENSION 2400
Manufacturer : DELL

1.2.3. Monitor

M/N : E772f
Manufacturer : DELL

1.2.4. Keyboard

M/N : 8371hd
Manufacturer : HP
Cable : Shielded, Undetachable, 1.6m

1.2.5. Mouse

M/N : 367bc
Manufacturer : DELL
Cable : Shielded, Undetachable, 1.7m

1.2.6. Headphone

M/N	:	MDR-505
Manufacturer	:	SONY
Cable	:	Shielded, Detachable, 1.7m

1.3. Test Facility

Site Description

3m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 90454 Aug. 15, 2003
3m & 10m Anechoic Chamber	:	Certificated by FCC, USA Registration Number: 794232 Mar. 15, 2004
EMC Lab.	:	Certificated by DATech, German Registration Number: DAT-P-091/99-01 Feb. 02, 2004 Certificated by NVLAP, USA NVLAP Code: 200372-0 Mar. 31, 2004 Certificated by Nemko, Norway Aut. No.: ELA135 April. 22, 2004 Certificated by Industry Canada Registration Number: IC 5183 Jul. 28, 2004
Name of Firm	:	Audix Technology (Shenzhen) Co., Ltd.
Site Location	:	No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park, Nantou, Shenzhen, Guangdong, China

1.4. Measurement Uncertainty

No.	Item	Uncertainty	Remark
1.	Uncertainty for Conducted Emission Test	1.22dB	
2.	Uncertainty for Radiated Emission Test	3.14dB	3m Chamber
3.	Uncertainty for Radiated Emission Test	3.18dB	10m Chamber
4.	Uncertainty for Power Clamp Test	1.38dB	

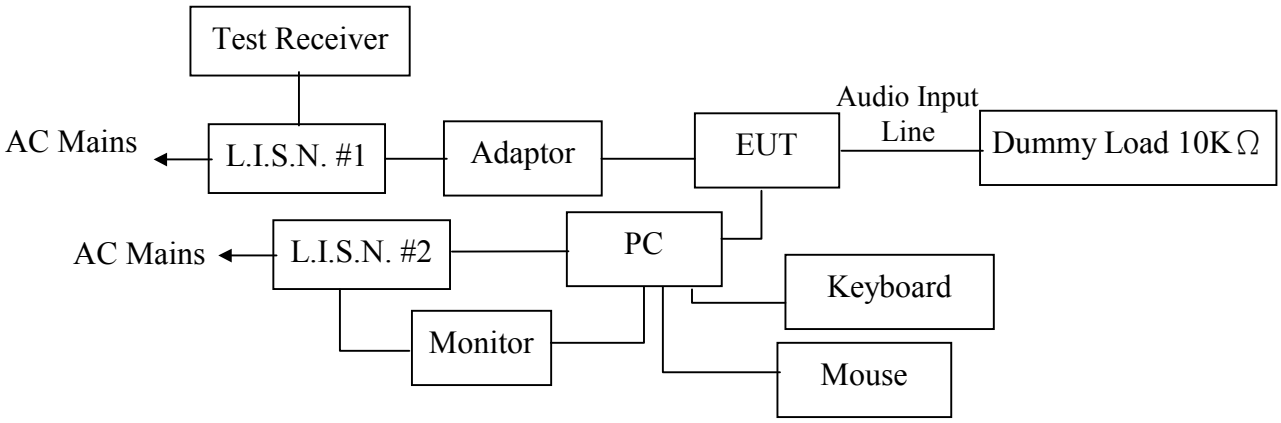
2. POWER LINE CONDUCTED EMISSION TEST

2.1. Test Equipment

The following test equipments are used during the power line conducted emission test:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Test Receiver	Rohde & Schwarz	ESHS20	836600/006	May 24, 04	1 Year
2	L.I.S.N.#1	Rohde & Schwarz	ENV4200	100041	Aug 02, 04	1 Year
3	L.I.S.N.#2	Kyoritsu	KNW-407	8-1628-5	June 09, 04	1 Year
4	L.I.S.N.#3	Kyoritsu	KNW-407	8-16356-1	June 09, 04	1 Year
5	Terminator	Hubersuhner	50Ω	No. 1	May 24, 04	1 Year
6	Terminator	Hubersuhner	50Ω	No. 2	May 24, 04	1 Year
7	RF Cable	Fujikura	RG-55/U	LISN Cable 2#	Feb. 01, 05	1/2 Year
8	Passive Probe	Rohde & Schwarz	ESH2-Z3	299.7810.52	May 24, 04	1 Year
9	Coaxial Switch	Anritsu	MP59B	6200298346	Feb.01, 05	1/2 Year
10	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100341	Feb.01, 05	1/2 Year
11	PC	N/A	586ATX	N/A	N/A	N/A
12	Printer	HP	Laserjet1300	SGC13007093	N/A	N/A

2.2. Block Diagram of Test Setup



(EUT: 900MHz Transmitter and Receive (Speaker with USB))

2.3. Power Line Conducted Emission Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150KHz ~ 500KHz	66 ~ 56*	56 ~ 46*
500KHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

2.4. EUT Configuration on Test

The following equipments are installed on RF LINE VOLTAGE Test to meet the Commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

2.4.1. 900MHz Transmitter and Receive (Speaker with USB)（EUT）

Model Number : NE-511
Serial Number : F2005031601
Manufacturer : Mei Hua Electronics Factory

2.5. Operating Condition of EUT

2.5.1. Setup the EUT and simulator as shown on Section 2.2.

2.5.2. Turn on the power of all equipment.

2.5.3. Let the EUT work in test mode (TX(Lowest Frequency)/TX(Middle Frequency)/TX(Highest Frequency)) and measure it.

2.6. Test Procedure

The EUT is connected to the power mains through a line impedance stabilization network (L.I.S.N.#1). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#2). This provides a 50 ohm coupling impedance for the EUT. Please refer the block diagram of the test setup and photographs. Power on the EUT and let it work normally, we use a keyboard test soft ware, let EUT working in test mode, then test it. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to FCC ANSI C63.4-2001 on Conducted Emission Test.

The bandwidth of the field strength meter (R & S Test Receiver ESHS20) is set at 10KHz.
The bandwidth of the VBW is set at 30KHz.
The frequency range from 150KHz to 30MHz is checked.
The details of test modes are as the followings, and the test data please see APPENDIX I.

2.7. Power Line Conducted Emission Test Results

PASS.

The frequency range from 150KHz to 30 MHz is investigated.
All emissions not reported below are too low against the prescribed limits.

Date of Test:	Feb.28, 2005	Temperature:	24.3℃
EUT:	900MHz Transmitter and Receive (Speaker with USB)	Humidity:	56%
M/N:	NE-511	Test Mode:	TX (Highest Frequency)
Test Engineer:	Seco		

Frequency (MHz)	Reading (dBμV)				Limit (dBμV)	
	VA		VB			
	Quasi-Peak	Average	Quasi-Peak	Average	Quasi-Peak	Average
0.19	27.08	17.95	25.48	14.85	64.15	54.15
0.23	23.14	15.39	22.62	16.59	62.30	52.30
1.14	15.89	11.96	N/A	N/A	56.00	46.00
2.05	N/A	N/A	16.11	11.60	56.00	46.00
13.84	32.81	19.88	31.06	18.66	60.00	50.00
20.59	36.71	23.82	36.00	20.22	60.00	50.00
26.98	36.97	25.06	N/A	N/A	60.00	50.00

Remark: 1) If the data table appeared symbol of "N/A" means the value was too low to be measured.
2) If the data table appeared symbol of "*" means the Q.P. value is under the limit for average, so, the average value had been omitted.

Reviewer: Lake Wang

3. RADIATED EMISSION TEST

3.1. Test Equipment

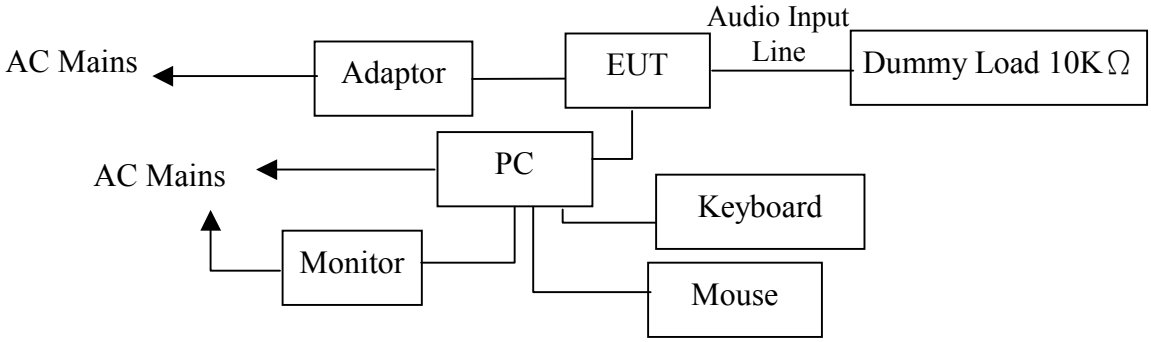
The following test equipments are used during the radiated emission Test：

3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Spectrum	HP	85422E	3625A00181	May 24, 04	1 Year
2.	Test Receiver	Rohde & Schwarz	ESVS20	830350/005	May 24,04	1 Year
3.	Amplifier	HP	8447D	2944A07794	Sep.16, 04	1/2 Year
4.	Bilog Antenna	Schaffner	CBL6111C	2598	Jan. 13, 04	1 Year
5.	PC	N/A	586ATX3	N/A	N/A	N/A
6.	Printer	HP	Laserjet6P	SGCF019673	N/A	N/A
7.	RF Cable	MIYAZAKI	5D-2W	10# Chamber No.1	Jan.30, 05	1/2 Year
8.	RF Cable	MIYAZAKI	5D-2W	10# Chamber No.2	Jan.30, 05	1/2 Year
9.	RF Cable	FUJIKURA	RG-55/U	10# Chamber No.3	Jan.30, 05	1/2 Year
10.	RF Cable	FUJIKURA	RG-55/U	10# Chamber No.4	Jan.30, 05	1/2 Year
11.	Coaxial Switch	Anritsu	MP59B	M73989	Nov.26, 04	1/2 Year
12.	Spectrum	Agilent	E4407B	MY41440292	May 24, 04	1 Year
13.	Amp	HP	8449B	3008A00863	May 24. 04	1 Year
14.	Antenna	EMCO	3115	9607-4877	Jun. 15, 04	1.5 Year

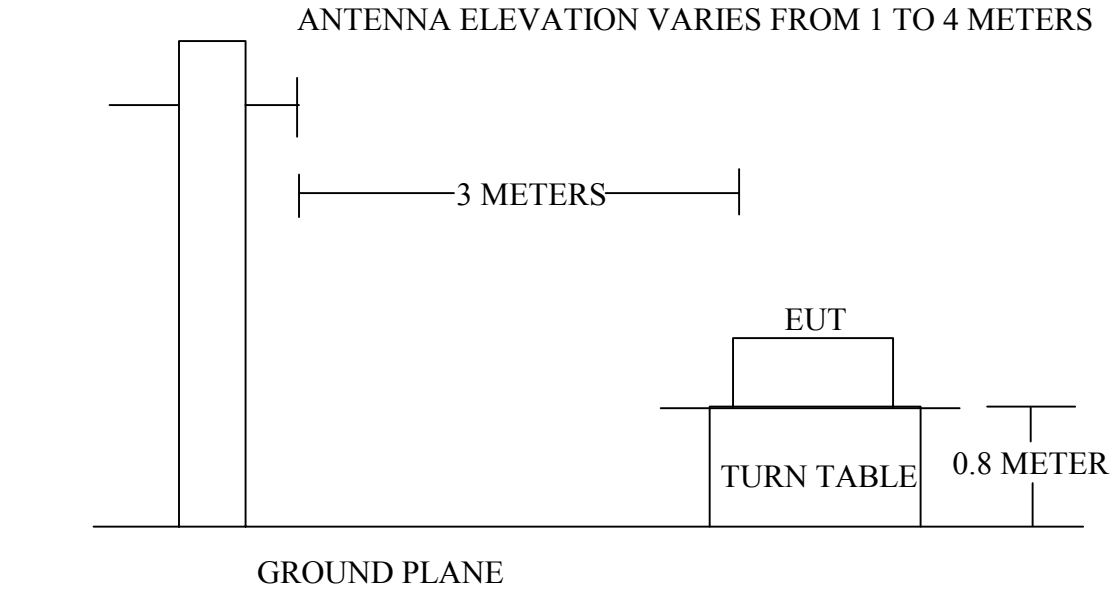
3.2. Block Diagram of Test Setup

3.2.1. Block Diagram of connection between EUT and simulators



(EUT: 900MHz Transmitter and Receive (Speaker with USB))

3.2.2. Anechoic Chamber Setup Diagram



3.3. Radiated Emission Limit 30~1000MHz Standard: FCC 15.249

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Local Oscillator:	3	94.0 dB(μV)/m	
Above 1000	3	Other: 74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Remark： (1) Emission level dBμV = 20 log Emission level μV/m

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

3.4. EUT Configuration on Test

The following equipment are installed on Radiated Emission Test to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

3.4.1. 900MHz Transmitter and Receive (Speaker with USB) (EUT)

Model Number	:	NE-511
Serial Number	:	F2005031601
Manufacturer	:	Mei Hua Electronics Factory

3.5. Operating Condition of EUT

3.5.1. Setup the EUT as shown in Section 3.2..

3.5.2. Let the EUT work in test modes (TX(Lowest Frequency)/TX(Middle Frequency)/TX(Highest Frequency)) and test it.

3.6. Test Procedure

The EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on Test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2001 on radiated emission Test.

The bandwidth of the EMI test receiver (R&S ESVS20) is set at 120KHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the VBW is set at 300KHz and RBW is set at 120KHz for measurement below 1GHz.

The frequency range from 30MHz to 1000MHz and above 1000MHz are checked.

The test modes (TX(Lowest Frequency)/TX(Middle Frequency)/TX(Highest Frequency)) is tested in Anechoic Chamber and all the scanning waveforms are attached in Appendix II.

3.7. Radiated Emission Test Results

PASS.

The frequency range from 30MHz to 1000MHz is investigated.
Please see the following pages.

Date of Test	:	Feb.27, 2005	Temperature	:	24℃
EUT	:	900MHz Transmitter and Receive (Speaker with USB)	Humidity	:	56%
Model No.	:	NE-511	Test Mode	:	Tx (Lowest Frequency)
Test Engineer:		Seco			

Frequency	Antenna Factor	Cable Loss	Meter Reading Horizontal	Emission Level Horizontal	Over Limits	Limits
MHz	dB/m	dB	dBμV	dBμV/m	dB	dBμV/m
49.40	7.42	0.98	22.64	31.04	-8.96	40.00
167.74	10.56	2.07	22.87	35.50	-8.00	43.50
313.24	13.52	2.91	21.00	37.43	-8.57	46.00
336.52	14.59	3.05	21.64	39.27	-6.73	46.00
383.08	16.09	3.34	17.68	37.11	-8.89	46.00
913.03	**22.51**	**5.35**	**62.50**	**90.36**	**-3.64**	**94.00**

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
3. The worst emission was detected at 913.03MHz with corrected signal level of 90.36dBμV/m (Limit is 94.00dBμV/m) when the antenna was at horizontal polarization and at 1.3m high and the turn table was at 180°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Reviewer: Cake Wang

Date of Test	:	Feb.27, 2005	Temperature	:	24℃
EUT	:	900MHz Transmitter and Receive (Speaker with USB)	Humidity	:	56%
Model No.	:	NE-511	Test Mode	:	Tx (Lowest Frequency)
Test Engineer:		Seco			

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dB	Limits dBμV/m
49.40	6.26	0.98	21.83	29.07	-10.93	40.00
167.74	8.09	2.07	24.07	35.04	-8.46	43.50
313.24	13.54	2.91	20.38	36.83	-9.17	46.00
336.52	14.11	3.05	21.89	39.04	-6.96	46.00
383.08	15.61	3.34	16.52	35.48	-10.52	46.00
913.03	**22.88**	**5.35**	**61.65**	**89.89**	**-4.11**	**94.00**

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
3. The worst emission was detected at 913.03MHz with corrected signal level of 89.89dBμV/m (Limit is 94.00dBμV/m) when the antenna was at vertical polarization and at 1.15m high and the turn table was at 0 ° .
4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer: Cake Wang

Date of Test	:	Feb.27, 2005	Temperature	:	24℃
EUT	:	900MHz Transmitter and Receive (Speaker with USB)	Humidity	:	56%
Model No.	:	NE-511	Test Mode	:	Tx (Middle Frequency)
Test Engineer:		Seco			

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dB	Limits dBμV/m
48.43	7.56	0.98	21.14	29.68	-10.32	40.00
167.74	10.56	2.07	23.16	35.78	-7.72	43.50
288.99	12.93	2.81	24.17	39.92	-6.08	46.00
336.52	14.59	3.05	22.62	40.25	-5.75	46.00
358.83	15.71	3.23	22.08	41.02	-4.98	46.00
914.02	**22.51**	**5.35**	**61.55**	**89.42**	**-4.58**	**94.00**

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
3. The worst emission was detected at 914.02MHz with corrected signal level of 89.42dBμV/m (Limit is 94.00dBμV/m) when the antenna was at horizontal polarization and at 1.2m high and the turn table was at 180°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Reviewer: Cake Wang

Date of Test	:	Feb.27, 2005	Temperature	:	24℃
EUT	:	900MHz Transmitter and Receive (Speaker with USB)	Humidity	:	56%
Model No.	:	NE-511	Test Mode	:	Tx (Middle Frequency)
Test Engineer:		Seco			

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dB	Limits dBμV/m
48.43	6.25	0.98	25.83	33.07	-6.93	40.00
167.74	8.90	2.07	25.05	36.02	-7.48	43.50
191.99	8.25	2.11	23.90	34.26	-9.24	43.50
313.24	13.54	2.91	20.46	36.91	-9.09	46.00
337.49	14.14	3.03	18.93	36.10	-9.90	46.00
914.02	**22.91**	**5.35**	**61.69**	**89.95**	**-4.05**	**94.00**

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
3. The worst emission was detected at 914.02MHz with corrected signal level of 89.95dBμV/m (Limit is 94.00dBμV/m) when the antenna was at vertical polarization and at 1.12m high and the turn table was at 0 ° .
4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer: Cake Wang

Date of Test	:	Feb.27, 2005	Temperature	:	24℃
EUT	:	900MHz Transmitter and Receive (Speaker with USB)	Humidity	:	56%
Model No.	:	NE-511	Test Mode	:	Tx (Highest Frequency)
Test Engineer:		Seco			

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dB	Limits dBμV/m
48.43	7.56	0.98	22.91	31.45	-8.55	40.00
167.74	10.56	2.07	23.82	36.45	-7.05	43.50
191.99	9.21	2.11	25.17	36.49	-7.01	43.50
313.24	13.52	2.91	22.39	38.81	-7.19	46.00
336.52	14.59	3.05	22.65	40.29	-5.71	46.00
916.20	**22.57**	**5.38**	**62.32**	**90.27**	**-3.73**	**94.00**

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
3. The worst emission was detected at 916.20MHz with corrected signal level of 90.27dBμV/m (Limit is 94.00dBμV/m) when the antenna was at horizontal polarization and at 1.3m high and the turn table was at 180°.
4. 0° was the table front facing the antenna. Degree is calculated from 0° clockwise facing the antenna.

Reviewer: Cake Wang

Date of Test	:	Feb.27, 2005	Temperature	:	24℃
EUT	:	900MHz Transmitter and Receive (Speaker with USB)	Humidity	:	56%
Model No.	:	NE-511	Test Mode	:	Tx (Highest Frequency)
Test Engineer:		Seco			

Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dB	Limits dBμV/m
48.43	6.25	0.98	25.28	32.52	-7.48	40.00
167.74	8.90	2.07	25.41	36.38	-7.12	43.50
191.99	8.25	2.11	24.21	34.58	-8.92	43.50
313.24	13.54	2.91	22.04	38.49	-7.51	46.00
336.52	14.11	3.05	22.41	39.57	-6.43	46.00
916.20	**23.12**	**5.38**	**61.90**	**90.40**	**-3.60**	**94.00**

Remark: 1. All readings are Quasi-Peak values.
2. Emission Level = Antenna Factor + Cable Loss + Meter Reading
3. The worst emission was detected at 916.20MHz with corrected signal level of 90.40dBμV/m (Limit is 94.00dBμV/m) when the antenna was at vertical polarization and at 1.2m high and the turn table was at 0 ° .
4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer: Cake Wang

Date of Test :	Feb.26, 2005	Temperature :	24℃
EUT :	900MHz Transmitter and Receive (Speaker with USB)	Humidity :	56%
Model No. :	NE-511	Test Mode :	Tx (Lowest Frequency)
Test Engineer:	Seco		

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1199.750	24.80	34.91	2.96	56.80	49.65	-24.35	74.00	Peak
1458.250	25.30	34.43	3.21	56.50	50.58	-23.42	74.00	Peak
1826.060	27.16	33.72	1.54	60.38	55.36	-18.64	74.00	Peak
1904.750	27.57	33.58	1.16	50.02	45.17	-28.83	74.00	Peak
1963.500	27.88	33.46	0.86	51.98	47.26	-26.74	74.00	Peak
2739.090	30.09	32.99	4.17	58.38	59.65	-14.35	74.00	Peak

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Probe Factor + Meter Reading +Cable Loss-Preamp Factor
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1199.750	24.80	34.91	2.96	50.45	43.30	-10.70	54.00	Average
1458.250	25.30	34.43	3.21	49.02	43.10	-10.90	54.00	Average
1826.060	27.16	33.72	1.54	50.42	45.40	-8.60	54.00	Average
1904.750	27.57	33.58	1.16	46.95	42.10	-11.90	54.00	Average
1963.500	27.88	33.46	0.86	46.82	42.10	-11.90	54.00	Average
2739.090	30.09	32.99	4.17	44.13	45.40	-8.60	54.00	Average

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Probe Factor + Meter Reading +Cable Loss-Preamp Factor
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Reviewer: Lake Wang

Date of Test :	Feb.26, 2005	Temperature :	24℃
EUT :	900MHz Transmitter and Receive (Speaker with USB)	Humidity :	56%
Model No. :	NE-511	Test Mode :	Tx (Lowest Frequency)
Test Engineer:	Seco		

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1198.000	24.80	34.91	2.96	58.71	51.56	-22.44	74.00	Peak
1468.000	25.34	34.40	3.22	57.07	51.23	-22.77	74.00	Peak
1826.060	27.16	33.72	1.54	63.43	58.41	-15.59	74.00	Peak
1963.000	27.88	33.46	0.86	55.72	51.00	-23.00	74.00	Peak
2395.000	29.01	33.18	3.40	52.59	51.82	-22.18	74.00	Peak
2739.090	30.09	32.99	4.17	59.00	60.27	-13.73	74.00	Peak

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Antenna Factor + Meter Reading +Cable Loss
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1198.000	24.80	34.91	2.96	50.45	43.30	-10.70	54.00	Average
1468.000	25.34	34.40	3.22	47.94	42.10	-11.90	54.00	Average
1826.060	27.16	33.72	1.54	51.22	46.20	-7.80	54.00	Average
1963.000	27.88	33.46	0.86	48.12	43.40	-10.60	54.00	Average
2395.000	29.01	33.18	3.40	44.87	44.10	-9.90	54.00	Average
2739.090	30.09	32.99	4.17	44.33	45.60	-8.40	54.00	Average

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Antenna Factor + Meter Reading +Cable Loss
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Reviewer: Cake Wang

Date of Test	:	Feb.26, 2005	Temperature	:	24℃
EUT	:	900MHz Transmitter and Receive (Speaker with USB)	Humidity	:	56%
Model No.	:	NE-511	Test Mode	:	Tx (Middle Frequency)
Test Engineer:		Seco			

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1396.000	25.19	34.54	3.15	50.65	44.45	-29.55	74.00	Peak
1828.040	27.16	33.72	1.54	51.70	46.68	-27.32	74.00	Peak
1891.000	27.48	33.61	1.24	49.06	44.17	-29.83	74.00	Peak
1963.000	27.88	33.46	0.86	54.34	49.62	-24.38	74.00	Peak
2742.060	30.11	32.99	4.17	51.69	52.98	-21.02	74.00	Peak
3956.800	33.73	32.31	6.01	42.53	49.96	-24.04	74.00	Peak

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Probe Factor + Meter Reading +Cable Loss-Preamp Factor
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1396.000	25.19	34.54	3.15	45.70	39.50	-14.50	54.00	Average
1828.040	27.16	33.72	1.54	53.42	48.40	-5.60	54.00	Average
1891.000	27.48	33.61	1.24	46.19	41.30	-12.70	54.00	Average
1963.000	27.88	33.46	0.86	45.62	40.90	-13.10	54.00	Average
2742.060	30.11	32.99	4.17	44.91	46.20	-7.80	54.00	Average
3956.800	33.73	32.31	6.01	39.77	47.20	-6.80	54.00	Average

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Probe Factor + Meter Reading +Cable Loss-Preamp Factor
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Reviewer: Lake Wang

Date of Test	:	Feb.26, 2005	Temperature	:	24℃
EUT	:	900MHz Transmitter and Receive (Speaker with USB)	Humidity	:	56%
Model No.	:	NE-511	Test Mode	:	Tx (Middle Frequency)
Test Engineer:		Seco			

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1198.000	24.80	34.91	2.96	52.48	45.33	-28.67	74.00	Peak
1828.040	27.16	33.72	1.54	57.01	51.99	-22.01	74.00	Peak
1891.000	27.48	33.61	1.24	57.53	52.64	-21.36	74.00	Peak
1963.000	27.88	33.46	0.86	54.81	50.09	-23.91	74.00	Peak
2395.000	29.01	33.18	3.40	48.54	47.77	-26.23	74.00	Peak
2742.060	30.11	32.99	4.17	57.45	58.74	-15.26	74.00	Peak

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Antenna Factor + Meter Reading +Cable Loss
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1198.000	24.80	34.91	2.96	50.45	43.30	-10.70	54.00	Average
1828.040	27.16	33.72	1.54	49.82	44.80	-9.20	54.00	Average
1891.000	27.48	33.61	1.24	47.29	42.40	-11.60	54.00	Average
1963.000	27.88	33.46	0.86	48.82	44.10	-9.90	54.00	Average
2395.000	29.01	33.18	3.40	42.07	41.30	-12.70	54.00	Average
2742.060	30.11	32.99	4.17	45.71	47.00	-7.00	54.00	Average

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Antenna Factor + Meter Reading +Cable Loss
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Reviewer: Lake Wang

Date of Test	:	Feb.26, 2005	Temperature	:	24℃
EUT	:	900MHz Transmitter and Receive (Speaker with USB)	Humidity	:	56%
Model No.	:	NE-511	Test Mode	:	Tx (Highest Frequency)
Test Engineer:		Seco			

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1198.000	24.80	34.91	2.96	57.07	49.92	-24.08	74.00	Peak
1333.000	25.07	34.66	3.09	56.33	49.83	-24.17	74.00	Peak
1832.400	27.16	33.72	1.54	62.09	57.07	-16.93	74.00	Peak
1891.000	27.48	33.61	1.24	54.25	49.36	-24.64	74.00	Peak
1963.000	27.88	33.46	0.86	55.40	50.68	-23.32	74.00	Peak
2748.600	30.11	32.99	4.17	60.59	61.88	-12.12	74.00	Peak

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Probe Factor + Meter Reading +Cable Loss-Preamp Factor
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1198.000	24.80	34.91	2.96	50.35	43.20	-10.80	54.00	Average
1333.000	25.07	34.66	3.09	46.70	40.20	-13.80	54.00	Average
1832.400	27.16	33.72	1.54	52.12	47.10	-6.90	54.00	Average
1891.000	27.48	33.61	1.24	49.19	44.30	-9.70	54.00	Average
1963.000	27.88	33.46	0.86	47.92	43.20	-10.80	54.00	Average
2748.600	30.11	32.99	4.17	44.81	46.10	-7.90	54.00	Average

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Probe Factor + Meter Reading +Cable Loss-Preamp Factor
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Reviewer: Lake Wang

Date of Test :	Feb.26, 2005	Temperature :	24℃
EUT :	900MHz Transmitter and Receive (Speaker with USB)	Humidity :	56%
Model No. :	NE-511	Test Mode :	Tx (Highest Frequency)
Test Engineer:	Seco		

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1199.750	24.80	34.91	2.96	47.17	40.02	-33.98	74.00	Peak
1458.250	25.30	34.43	3.21	47.58	41.66	-32.34	74.00	Peak
1832.400	27.16	33.72	1.54	51.80	46.78	-27.22	74.00	Peak
1869.500	27.39	33.64	1.33	49.97	45.05	-28.95	74.00	Peak
1963.500	27.88	33.46	0.86	50.45	45.73	-28.27	74.00	Peak
2748.600	30.11	32.99	4.17	58.23	59.52	-14.48	74.00	Peak

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Antenna Factor + Meter Reading +Cable Loss
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Frequency MHz	Probe Factor dB/m	Preamp Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Over Limits dBμV/m	Limits dBμV/m	Remark
1199.750	24.80	34.91	2.96	44.35	37.20	-16.80	54.00	Average
1458.250	25.30	34.43	3.21	43.82	37.90	-16.10	54.00	Average
1832.400	27.16	33.72	1.54	46.12	41.10	-12.90	54.00	Average
1869.500	27.39	33.64	1.33	46.02	41.10	-12.90-	54.00	Average
1963.500	27.88	33.46	0.86	47.02	42.30	-11.70	54.00	Average
2748.600	30.11	32.99	4.17	43.21	44.50	-9.50	54.00	Average

Remark: 1. All readings are Average and Peak values.
2. Emission Level = Antenna Factor + Meter Reading +Cable Loss
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

Reviewer: Cake Wang

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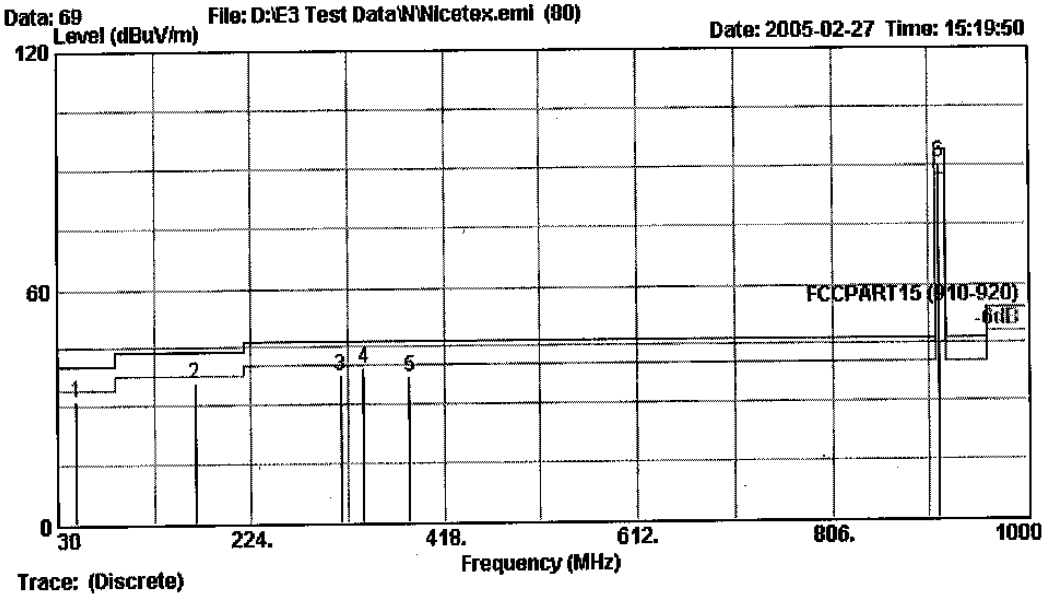

Trace: (Discrete)

Site :10m Chamber
Condition :FCCPART15 (910-920) 3m 2768 FACTOR(3M) HORIZONTRL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Comment :Temp:24' Humd:56%
Memo :Tx(Lowest Frequency)
:ANT Pos:1.3m T-table Pos:180deg

	Freq	Limit Line	Level	Read Level	Over Limit	Cable Loss	Antenna Factor	Remark
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	dB/m	
1 @	49.40	40.00	31.04	22.64	-8.96	0.98	7.42	
2 @	167.74	43.50	35.50	22.87	-8.00	2.07	10.56	
3 @	313.24	46.00	37.43	21.00	-8.57	2.91	13.52	
4 @	336.52	46.00	39.27	21.64	-6.73	3.05	14.59	
5 @	383.08	46.00	37.11	17.68	-8.89	3.34	16.09	
6 @	913.03	94.00	90.36	62.50	-3.64	5.35	22.51	

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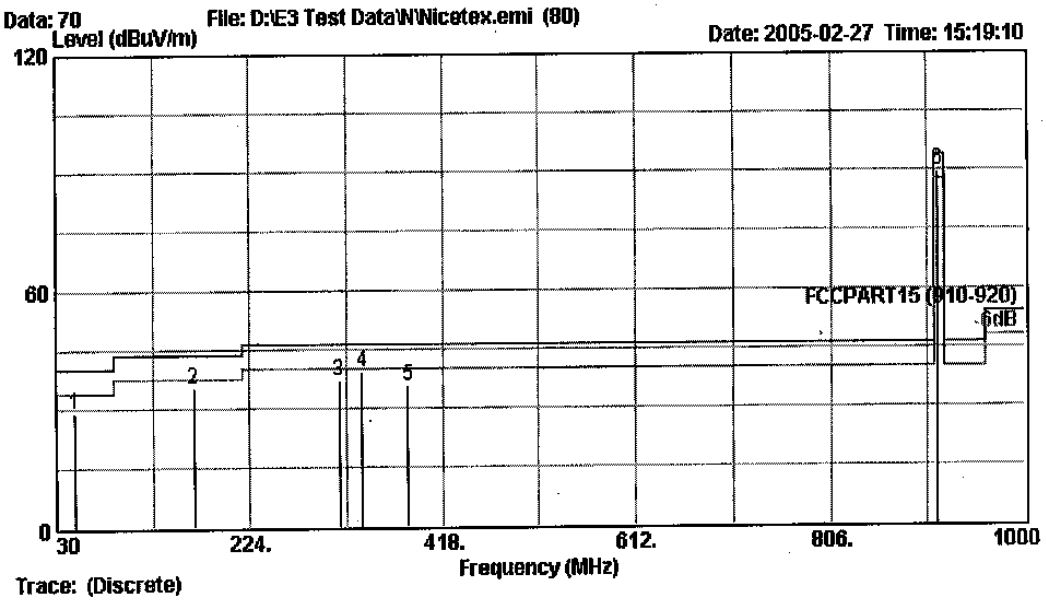

Site :10m Chamber
Condition :FCCPART15 (910-920) 3m 2768 FACTOR(3M) VERTICAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richshy
Comment :Temp:24' Humd:56%
Memo :Tx(Lowest Frequency)
:ANT Pos:1.15m T-table Pos:0 deg

	Freq	Limit Line	Level	Read Level	Over Limit	Cable Loss	Antenna Factor	Remark
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	dB/m	
1 @	49.40	40.00	29.07	21.83	-10.93	0.98	6.26	
2 @	167.74	43.50	35.04	24.07	-8.46	2.07	8.90	
3 @	313.24	46.00	36.83	20.38	-9.17	2.91	13.54	
4 @	336.52	46.00	39.04	21.89	-6.96	3.05	14.11	
5 @	383.08	46.00	35.48	16.52	-10.52	3.34	15.61	
6 @	913.03	94.00	89.89	61.65	-4.11	5.35	22.88	

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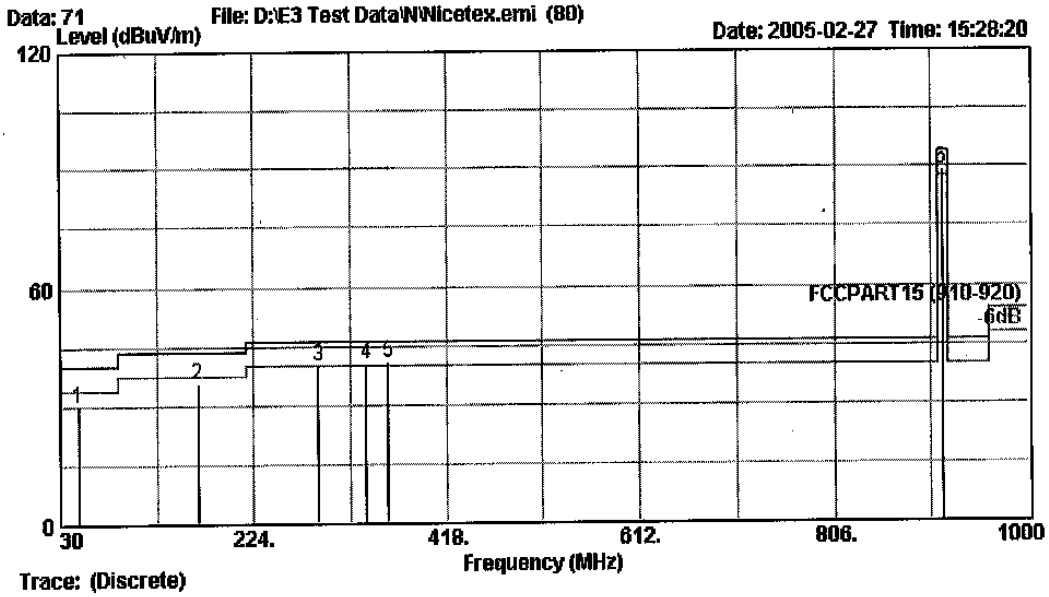

Trace: (Discrete)

Site :10m Chamber
Condition :FCCPART15 (910-920) 3m 2768 FACTOR(3M) HORIZONTAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Comment :Temp:24' Humi:56%
Memo :Tx(Middle Frequency)
:ANT Pos:1.2m T-table Pos:180deg

	Freq	Limit Line	Level	Read Level	Over Limit	Cable Loss	Antenna Factor	Remark
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	dB/m	
1 @	48.43	40.00	29.68	21.14	-10.32	0.98	7.56	
2 @	167.74	43.50	35.78	23.16	-7.72	2.07	10.56	
3 @	288.99	46.00	39.92	24.17	-6.08	2.81	12.93	
4 @	336.52	46.00	40.25	22.62	-5.75	3.06	14.59	
5 @	358.83	46.00	41.02	22.08	-4.98	3.23	15.71	
6 @	914.02	94.00	89.42	61.55	-4.58	5.35	22.51	

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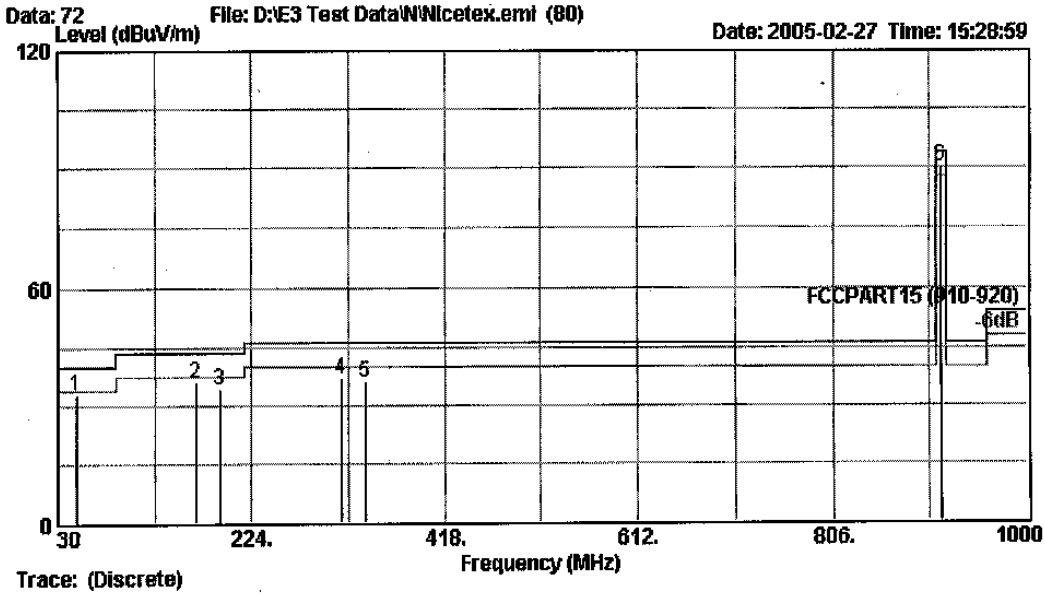

Site :10m Chamber
Condition :FCCPART15 (910-920) 3m 2768 FACTOR(3M) VERTICAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Comment :Temp:24' Humi:56%
Memo :Tx(Middle Frequency)
:ANT Pos:1.12m T-table Pos:0 deg

	Freq	Limit Line	Level	Read Level	Over Limit	Cable Loss	Antenna Factor	Remark
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	dB/m	
1 @	48.43	40.00	33.07	25.83	-6.93	0.98	6.25	
2 @	167.74	43.50	36.02	25.05	-7.48	2.07	8.90	
3 @	191.99	43.50	34.26	23.90	-9.24	2.11	8.25	
4 @	313.24	46.00	36.91	20.46	-9.09	2.91	13.54	
5 @	337.49	46.00	36.10	18.93	-9.90	3.03	14.14	
6 @	914.02	94.00	89.95	61.69	-4.05	5.35	22.91	

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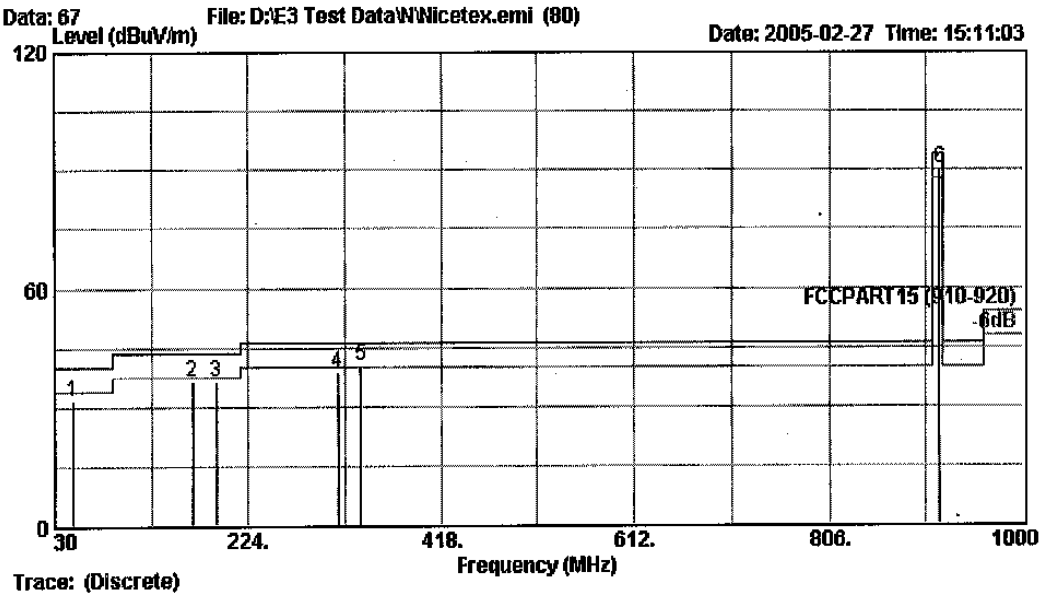

Trace: (Discrete)

Site :10m Chamber
Condition :FCCPART15 (910-920) 3m 2768 FACTOR(3M) HORIZONTAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Comment :Temp:24' Humd:56%
Memo :Tx(Highest Frequency)
:ANT Pos:1.3m T-table Pos:180deg

	Freq	Limit Line	Level	Read Level	Over Limit	Cable Loss	Antenna Factor	Remark
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	dB/m	
1 @	48.43	40.00	31.45	22.91	-8.55	0.98	7.56	
2 @	167.74	43.50	36.45	23.82	-7.05	2.07	10.56	
3 @	191.99	43.50	36.49	25.17	-7.01	2.11	9.21	
4 @	313.24	46.00	38.81	22.39	-7.19	2.91	13.52	
5 @	336.52	46.00	40.29	22.65	-5.71	3.05	14.59	
6 @	916.20	94.00	90.27	62.32	-3.73	5.38	22.57	

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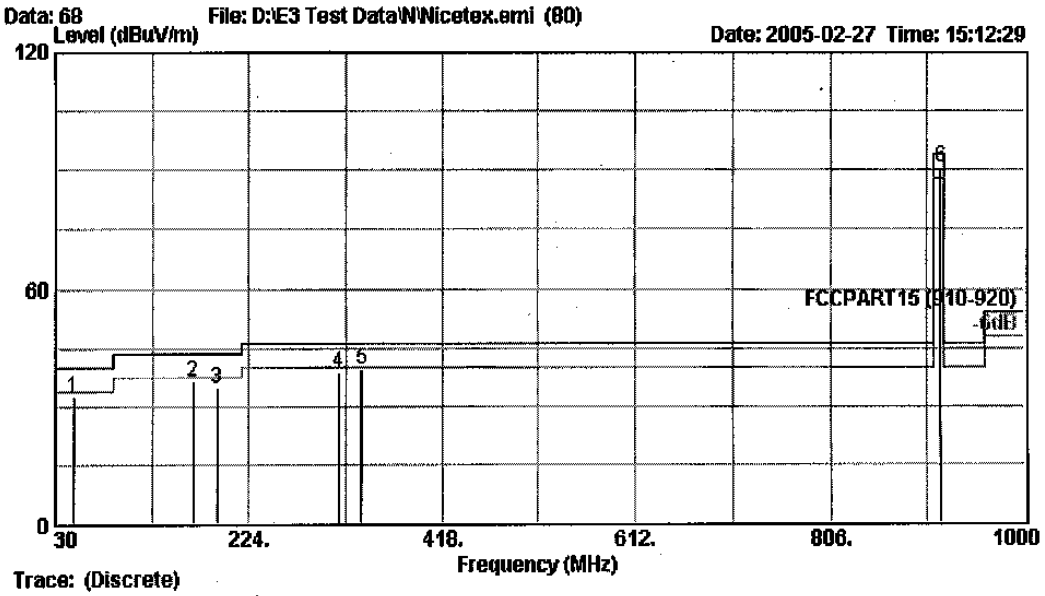

Trace: (Discrete)

Site :10m Chamber
Condition :FCCPART15 (910-920) 3m 2768 FACTOR(3M) VERTICAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Command :Temp:24' Humd:56%
Memo :Tx(Highest Frequency)
:ANT Pos:1.2m T-table Pos:0 deg

	Freq	Limit Line	Level	Read Level	Over Limit	Cable Loss	Antenna Factor	Remark
	MHz	dBuV/m	dBuV/m	dBuV	dB	dB	dB/m	
1 @	48.43	40.00	32.52	25.28	-7.48	0.98	6.25	
2 @	167.74	43.50	36.38	25.41	-7.12	2.07	8.90	
3 @	191.99	43.50	34.58	24.21	-8.92	2.11	8.25	
4 @	313.24	46.00	38.49	22.04	-7.51	2.91	13.54	
5 @	336.52	46.00	39.57	22.41	-6.43	3.05	14.11	
6 @	916.20	94.00	90.40	61.90	-3.60	5.38	23.12	

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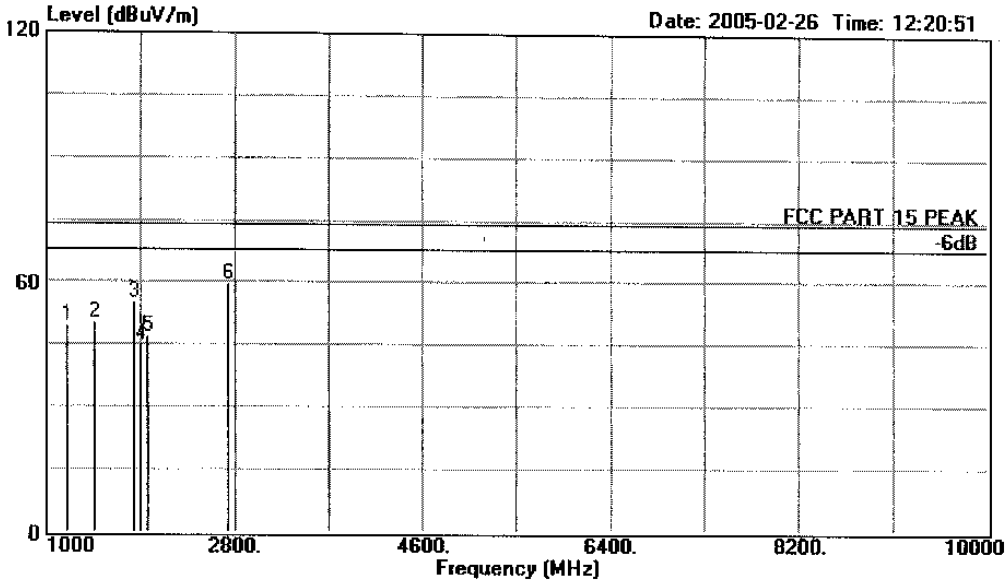

Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR HORIZONTAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Lowest Frequency)

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	1199.750	49.65	-24.35	74.00	56.80	2.96	24.80	34.91	Peak
2	1458.250	50.58	-23.42	74.00	56.50	3.21	25.30	34.43	Peak
3	1826.060	55.36	-18.64	74.00	60.38	1.54	27.16	33.72	Peak
4	1904.750	45.17	-28.83	74.00	50.02	1.16	27.57	33.58	Peak
5	1963.500	47.26	-26.74	74.00	51.98	0.86	27.88	33.46	Peak
6	2739.090	59.65	-14.35	74.00	58.38	4.17	30.09	32.99	Peak

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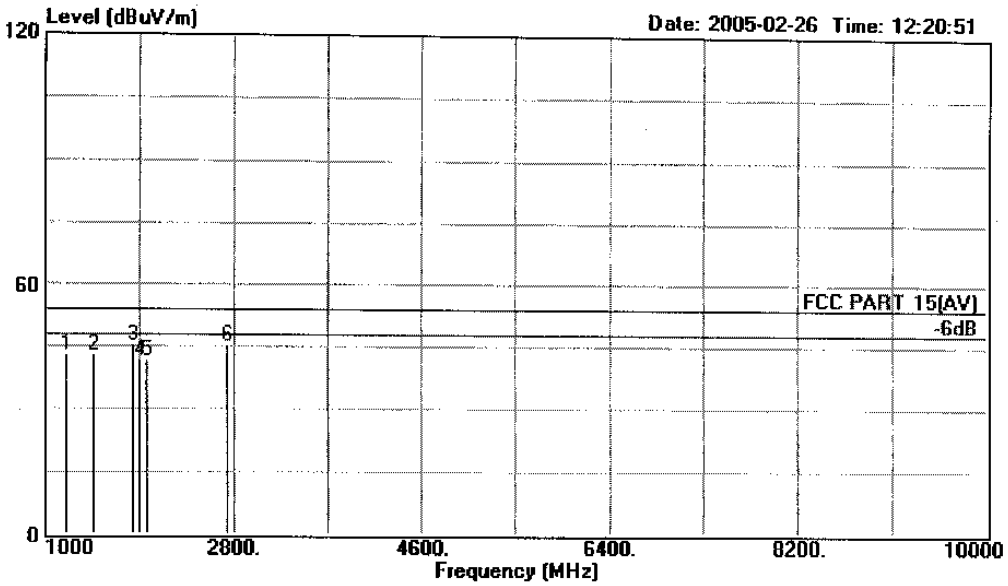
Data#: 39 File#: C:\EMI TEST DATA\N\Nicetex.EMI



Site : 1# Chamber
Condition : FCC PART 15(AV) 3m 3115 FACTOR HORIZONTAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Lowest Frequency)

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	1199.750	43.30	-10.70	54.00	50.45	2.96	24.80	34.91	Average
2	1458.250	43.10	-10.90	54.00	49.02	3.21	25.30	34.43	Average
3	1826.060	45.40	-8.60	54.00	50.42	1.54	27.16	33.72	Average
4	1904.750	42.10	-11.90	54.00	46.95	1.16	27.57	33.58	Average
5	1963.500	42.10	-11.90	54.00	46.82	0.86	27.88	33.46	Average
6	2739.090	45.40	-8.60	54.00	44.13	4.17	30.09	32.99	Average

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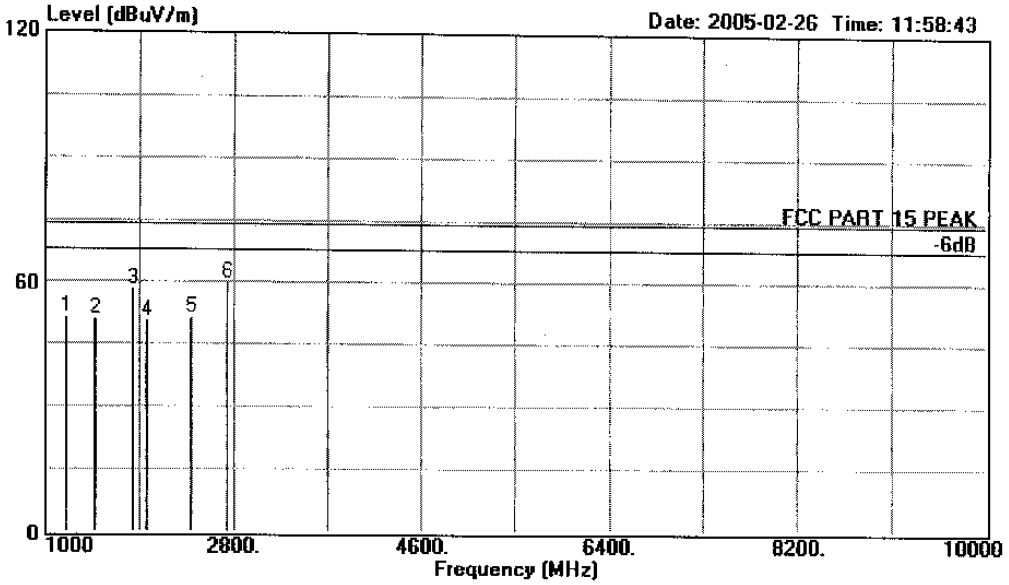
Data#: 32 File#: C:\EMI TEST DATA\N\Nicetex.EMI



Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR VERTICAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Lowest Frequency)

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	1198.000	51.56	-22.44	74.00	58.71	2.96	24.80	34.91	Peak
2	1468.000	51.23	-22.77	74.00	57.07	3.22	25.34	34.40	Peak
3	1826.060	58.41	-15.59	74.00	63.43	1.54	27.16	33.72	Peak
4	1963.000	51.00	-23.00	74.00	55.72	0.86	27.88	33.46	Peak
5	2395.000	51.82	-22.18	74.00	52.59	3.40	29.01	33.18	Peak
6	2739.090	60.27	-13.73	74.00	59.00	4.17	30.09	32.99	Peak

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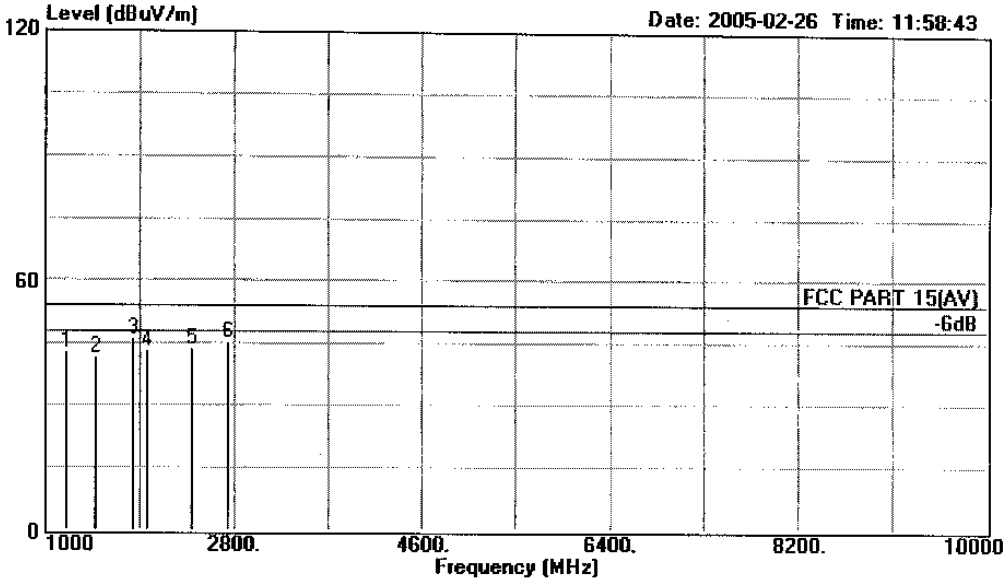
Data#: 38 File#: C:\EMI TEST DATA\N\Nicetex.EMI



Site : 1# Chamber
Condition : FCC PART 15(AV) 3m 3115 FACTOR VERTICAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Lowest Frequency)

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	1198.000	43.30	-10.70	54.00	50.45	2.96	24.80	34.91	Average
2	1468.000	42.10	-11.90	54.00	47.94	3.22	25.34	34.40	Average
3	1626.060	46.20	-7.80	54.00	51.22	1.54	27.16	33.72	Average
4	1963.000	43.40	-10.60	54.00	48.12	0.86	27.88	33.46	Average
5	2395.000	44.10	-9.90	54.00	44.87	3.40	29.01	33.18	Average
6	2739.090	45.60	-8.40	54.00	44.33	4.17	30.09	32.99	Average

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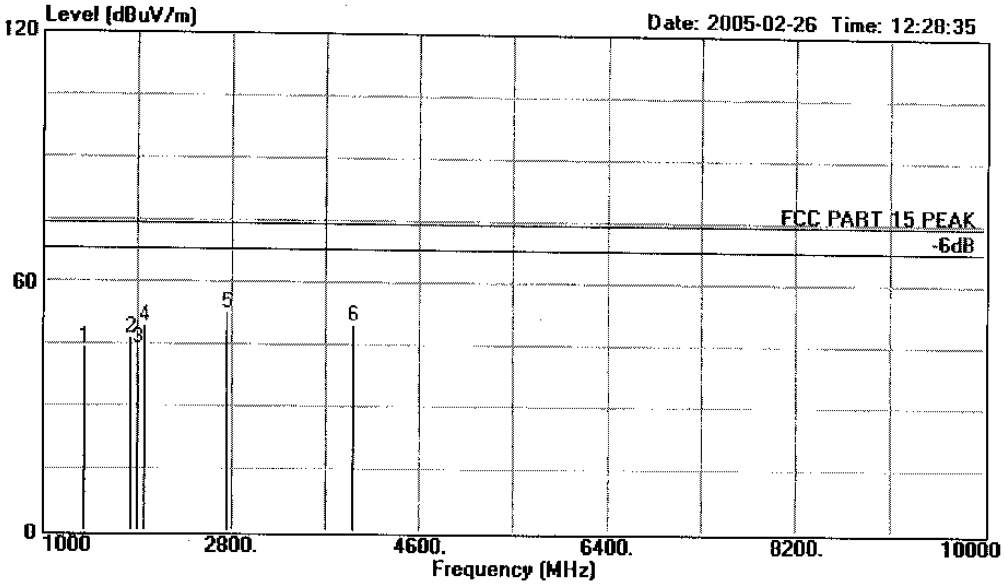
Data#: 37 File#: C:\EMI TEST DATA\N\Nicetex.EMI



Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR HORIZONTAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Middle Frequency)

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	1396.000	44.45	-29.55	74.00	50.65	3.15	25.19	34.54	Peak
2	1828.040	46.68	-27.32	74.00	51.70	1.54	27.16	33.72	Peak
3	1891.000	44.17	-29.83	74.00	49.06	1.24	27.48	33.61	Peak
4	1963.000	49.62	-24.38	74.00	54.34	0.86	27.88	33.46	Peak
5	2742.060	52.98	-21.02	74.00	51.69	4.17	30.11	32.99	Peak
6	3956.800	49.96	-24.04	74.00	42.53	6.01	33.73	32.31	Peak

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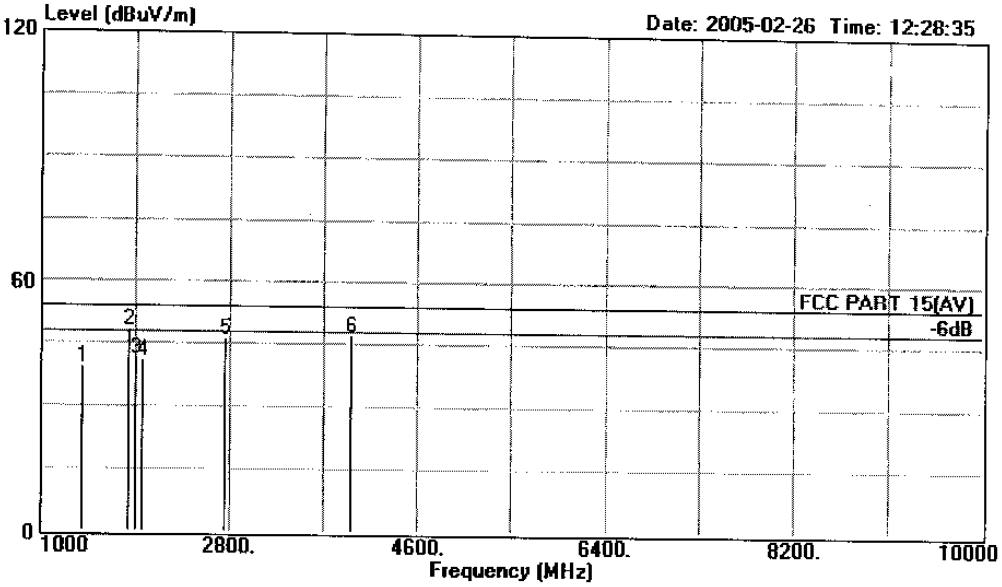
Data#: 43 File#: C:\EMI TEST DATA\N\Nicetex.EMI



Site : 1# Chamber
Condition : FCC PART 15(AV) 3m 3115 FACTOR HORIZONTAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Middle Frequency)

		Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1		1396.000	39.50	-14.50	54.00	45.70	3.15	25.19	34.54	Average
2	!	1828.040	48.40	-5.60	54.00	53.42	1.54	27.16	33.72	Average
3		1891.000	41.30	-12.70	54.00	46.19	1.24	27.48	33.61	Average
4		1963.000	40.90	-13.10	54.00	45.62	0.86	27.88	33.46	Average
5		2742.060	46.20	-7.80	54.00	44.91	4.17	30.11	32.99	Average
6		3956.800	47.20	-6.80	54.00	39.77	6.01	33.73	32.31	Average

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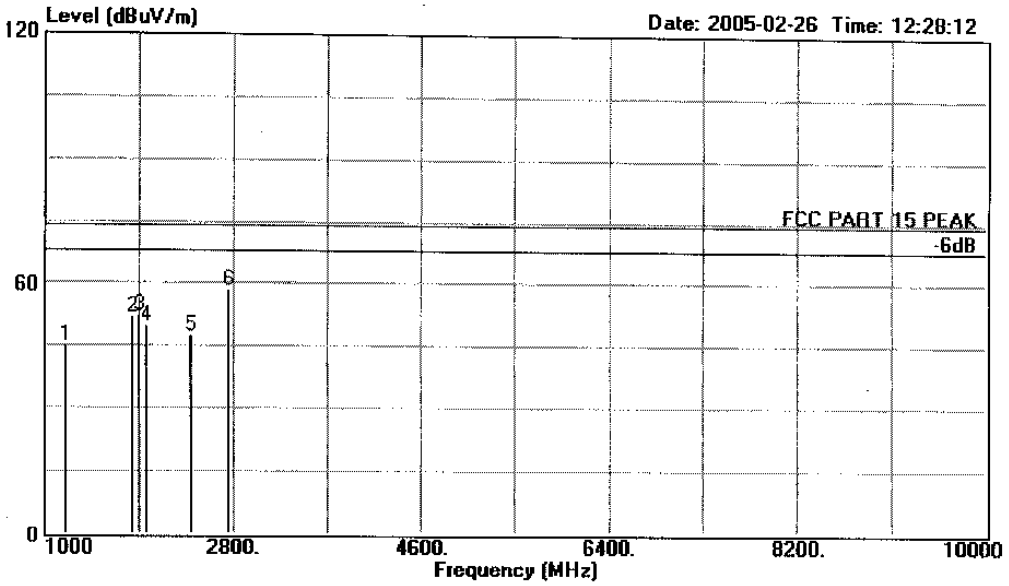
Data#: 36 File#: C:\EMI TEST DATA\N\Nicetex.EMI



Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR VERTICAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Middle Frequency)

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	1198.000	45.33	-28.67	74.00	52.48	2.96	24.80	34.91	Peak
2	1828.040	51.99	-22.01	74.00	57.01	1.54	27.16	33.72	Peak
3	1891.000	52.64	-21.36	74.00	57.53	1.24	27.48	33.61	Peak
4	1963.000	50.09	-23.91	74.00	54.81	0.86	27.88	33.46	Peak
5	2395.000	47.77	-26.23	74.00	48.54	3.40	29.01	33.18	Peak
6	2742.060	58.74	-15.26	74.00	57.45	4.17	30.11	32.99	Peak

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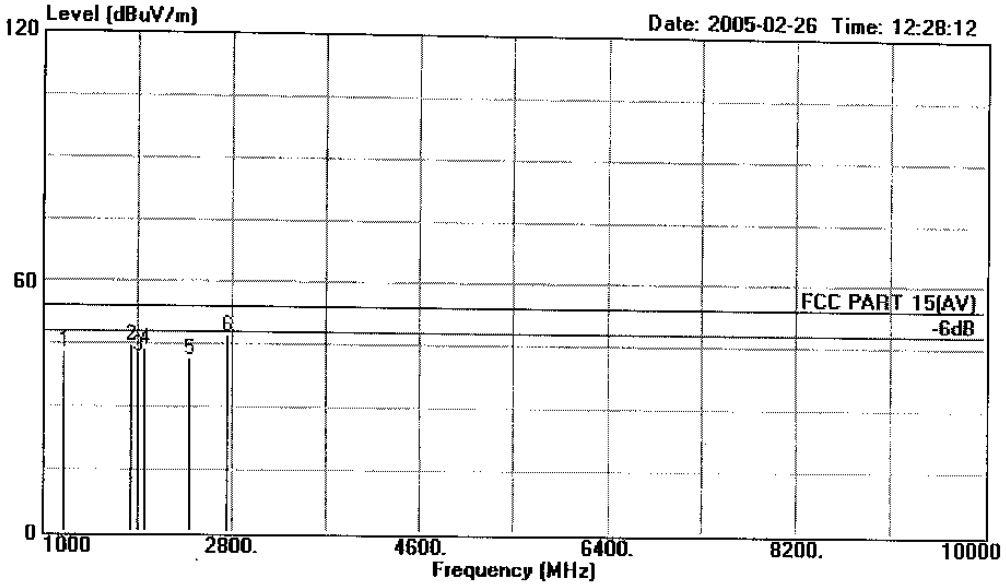
Data#: 42 File#: C:\EMI TEST DATA\N\Nicetex.EMI



Site : 1# Chamber
Condition : FCC PART 15(AV) 3m 3115 FACTOR VERTICAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Middle Frequency)

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	1198.000	43.30	-10.70	54.00	50.45	2.96	24.80	34.91	Average
2	1828.040	44.80	-9.20	54.00	49.82	1.54	27.16	33.72	Average
3	1891.000	42.40	-11.60	54.00	47.29	1.24	27.48	33.61	Average
4	1963.000	44.10	-9.90	54.00	48.82	0.86	27.88	33.46	Average
5	2395.000	41.30	-12.70	54.00	42.07	3.40	29.01	33.18	Average
6	2742.060	47.00	-7.00	54.00	45.71	4.17	30.11	32.99	Average

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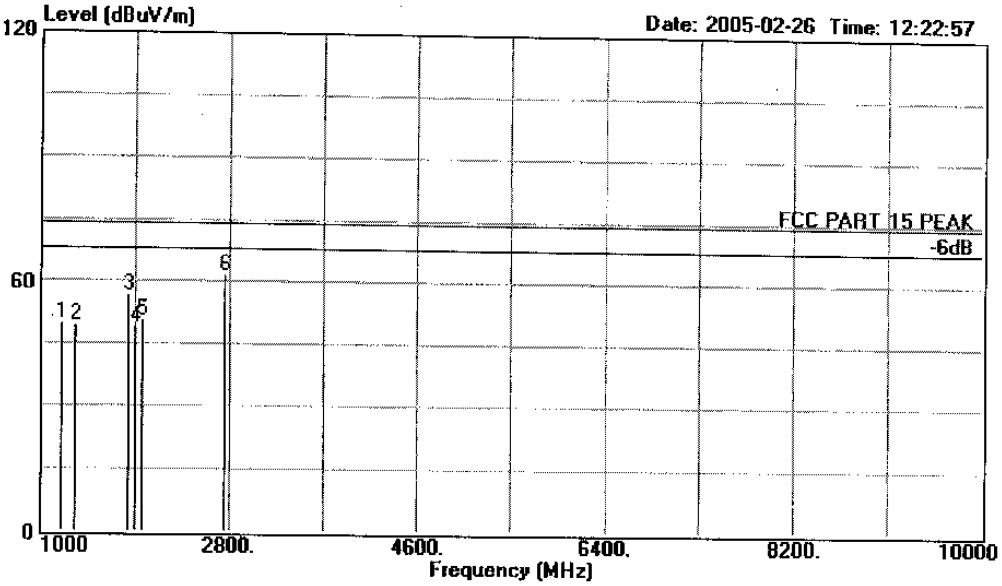
Data#: 34 File#: C:\EMI TEST DATA\N\Nicetex.EMI



Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR HORIZONTAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-S11
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Highest Frequency)

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	1198.000	49.92	-24.08	74.00	57.07	2.96	24.80	34.91	Peak
2	1333.000	49.83	-24.17	74.00	56.33	3.09	25.07	34.66	Peak
3	1832.400	57.07	-16.93	74.00	62.09	1.54	27.16	33.72	Peak
4	1891.000	49.36	-24.64	74.00	54.25	1.24	27.48	33.61	Peak
5	1963.000	50.68	-23.32	74.00	55.40	0.86	27.88	33.46	Peak
6	2748.600	61.88	-12.12	74.00	60.59	4.17	30.11	32.99	Peak

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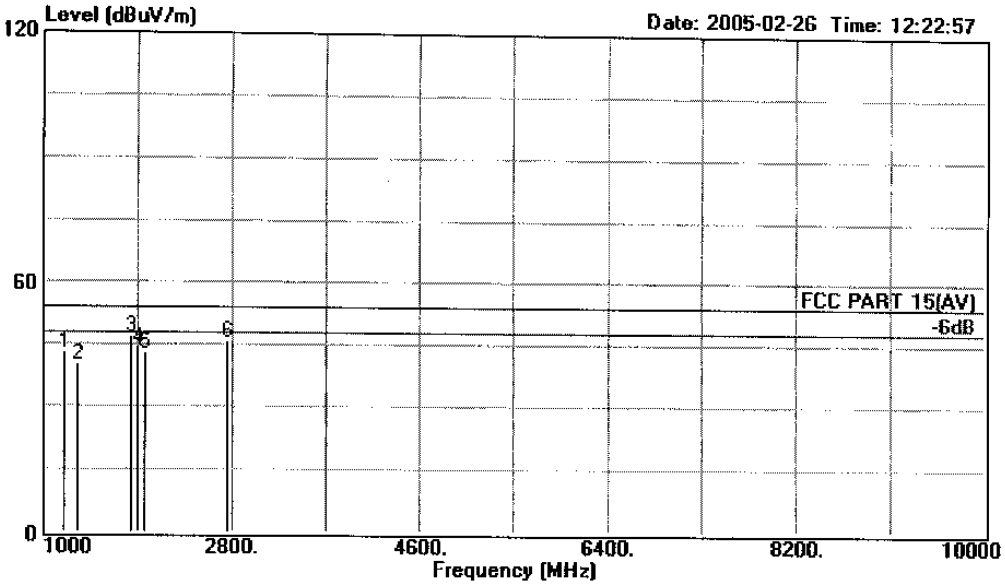
Data#: 40 File#: C:\EMI TEST DATA\N\Nicetex.EMI



Site : 1# Chamber
Condition : FCC PART 15(AV) 3m 3115 FACTOR HORIZONTAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Highest Frequency)

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	1196.000	43.20	-10.80	54.00	50.35	2.96	24.60	34.91	Average
2	1333.000	40.20	-13.80	54.00	46.70	3.09	25.07	34.66	Average
3	1832.400	47.10	-6.90	54.00	52.12	1.54	27.16	33.72	Average
4	1891.000	44.30	-9.70	54.00	49.19	1.24	27.48	33.61	Average
5	1963.000	43.20	-10.80	54.00	47.92	0.86	27.88	33.46	Average
6	2748.600	46.10	-7.90	54.00	44.81	4.17	30.11	32.99	Average

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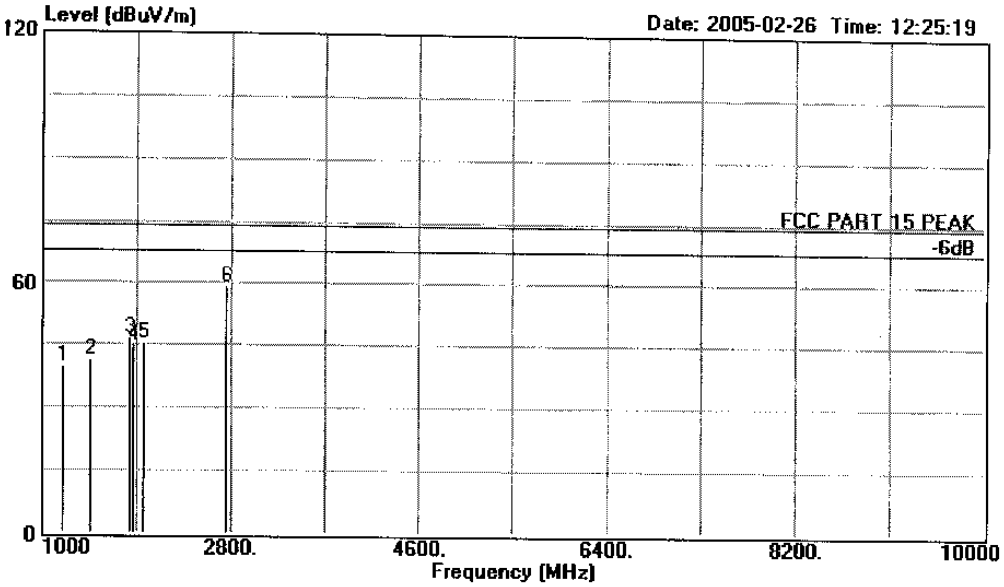
Data#: 35 File#: C:\EMI TEST DATA\N\Nicetex.EMI



Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR VERTICAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Highest Frequency)

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	1199.750	40.02	-33.98	74.00	47.17	2.96	24.80	34.91	Peak
2	1458.250	41.66	-32.34	74.00	47.58	3.21	25.30	34.43	Peak
3	1832.400	46.78	-27.22	74.00	51.80	1.54	27.16	33.72	Peak
4	1869.500	45.05	-28.95	74.00	49.97	1.33	27.39	33.64	Peak
5	1963.500	45.73	-28.27	74.00	50.45	0.86	27.88	33.46	Peak
6	2748.600	59.52	-14.48	74.00	58.23	4.17	30.11	32.99	Peak

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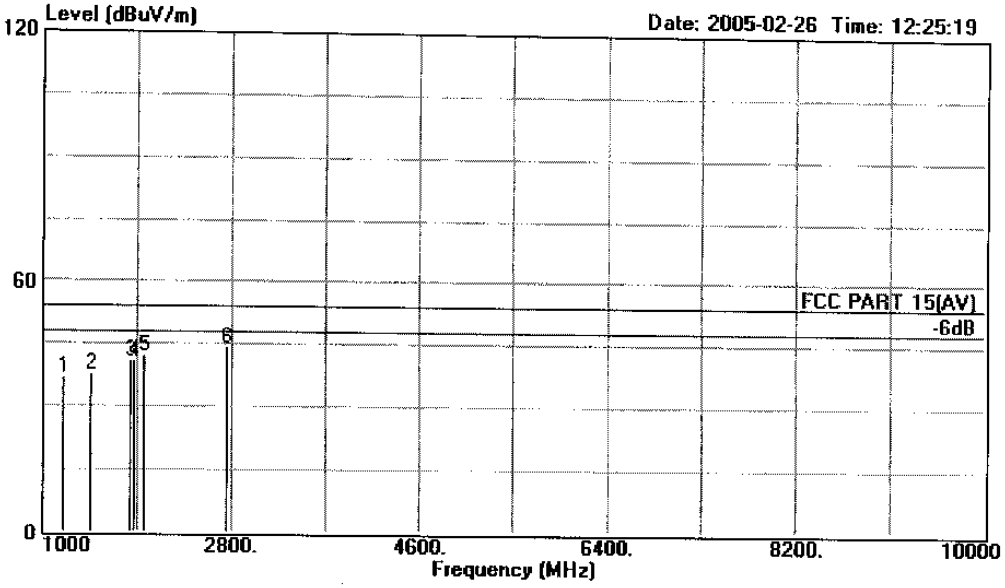
Data#: 41 File#: C:\EMI TEST DATA\N\Nicetex.EMI



Site : 1# Chamber
Condition : FCC PART 15(AV) 3m 3115 FACTOR VERTICAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Highest Frequency)

	Freq	Level	Over Limit	Limit Line	Read Level	Cable Loss	Probe Factor	Preamp Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	
1	1199.750	37.20	-16.80	54.00	44.35	2.96	24.80	34.91	Average
2	1458.250	37.90	-16.10	54.00	43.82	3.21	25.30	34.43	Average
3	1832.400	41.10	-12.90	54.00	46.12	1.54	27.16	33.72	Average
4	1869.500	41.10	-12.90	54.00	46.02	1.33	27.39	33.64	Average
5	1963.500	42.30	-11.70	54.00	47.02	0.86	27.88	33.46	Average
6	2748.600	44.50	-9.50	54.00	43.21	4.17	30.11	32.99	Average

4. DEVIATION TO TEST SPECIFICATIONS

[NONE]

APPENDIX I

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Tel:+86-755-26639495-7
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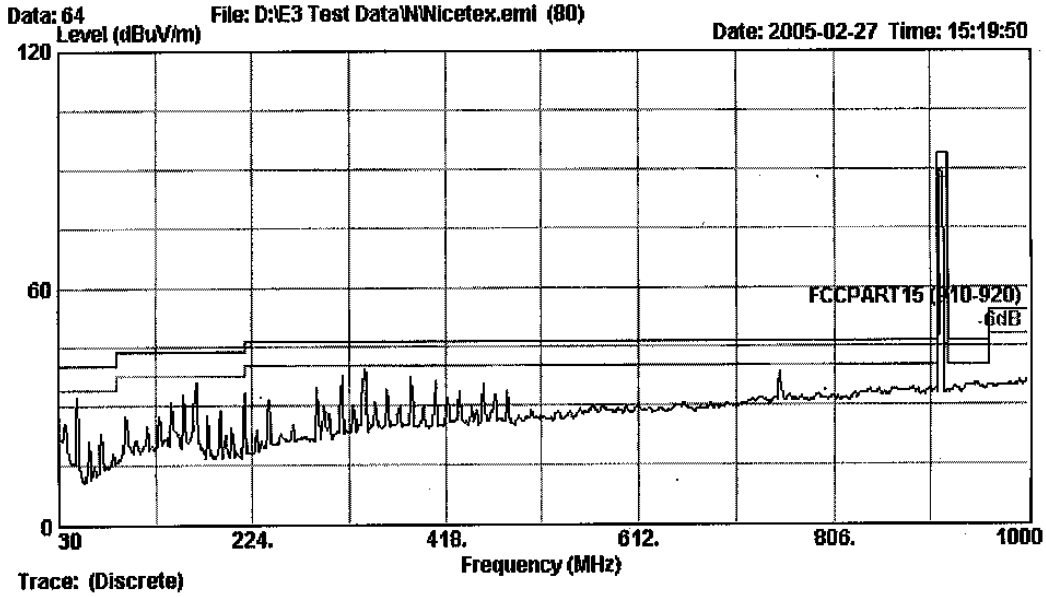
Postcode:518057



Site :10m Chamber
Condition :FCCPART15 (910-920) 3m 2768 FACTOR(3M) HORIZONTAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Commant :Temp:24' Humi:56%
Memo :Tx(Lowest Frequency)

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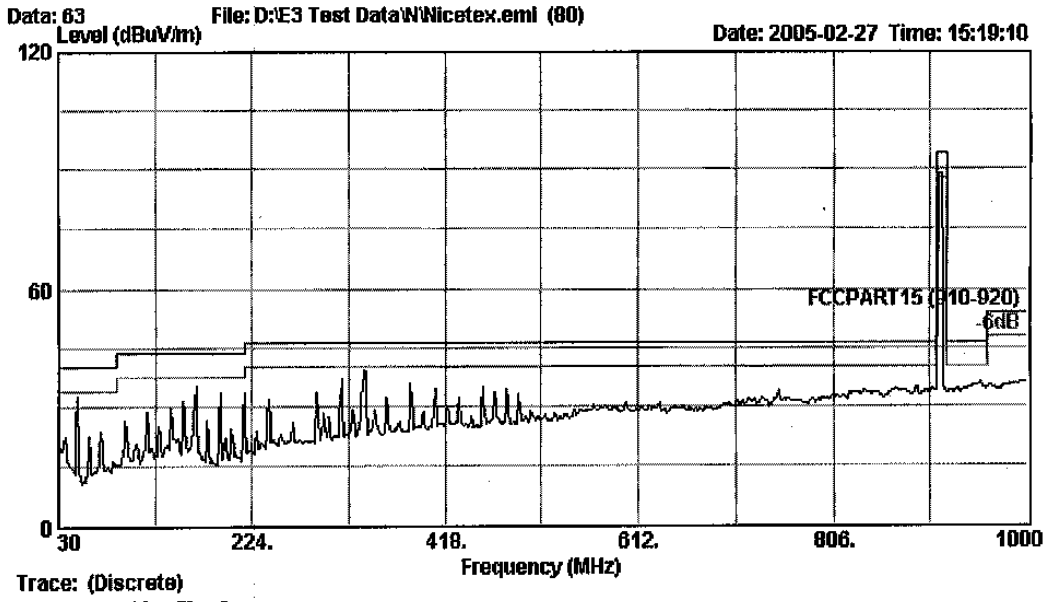
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site :10m Chamber
Condition :FCCPART15 (910-920) 3m 2768 FACTOR(3M) VERTICAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Commant :Temp:24' Humi:56%
Memo :Tx(Lowest Fraquency)

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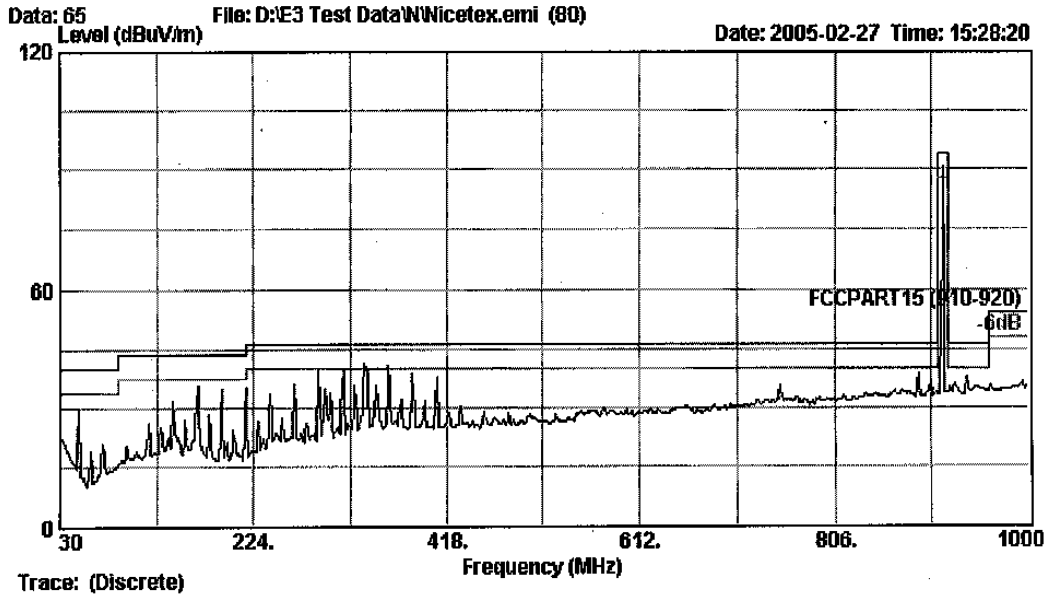
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site :10m Chamber
Condition :FCCPART15 (910-920) 3m 2768 FACTOR(3M) HORIZONTAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Powar :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Comment :Temp:24' Humi:56%
Memo :Tx(Middle Frequency)

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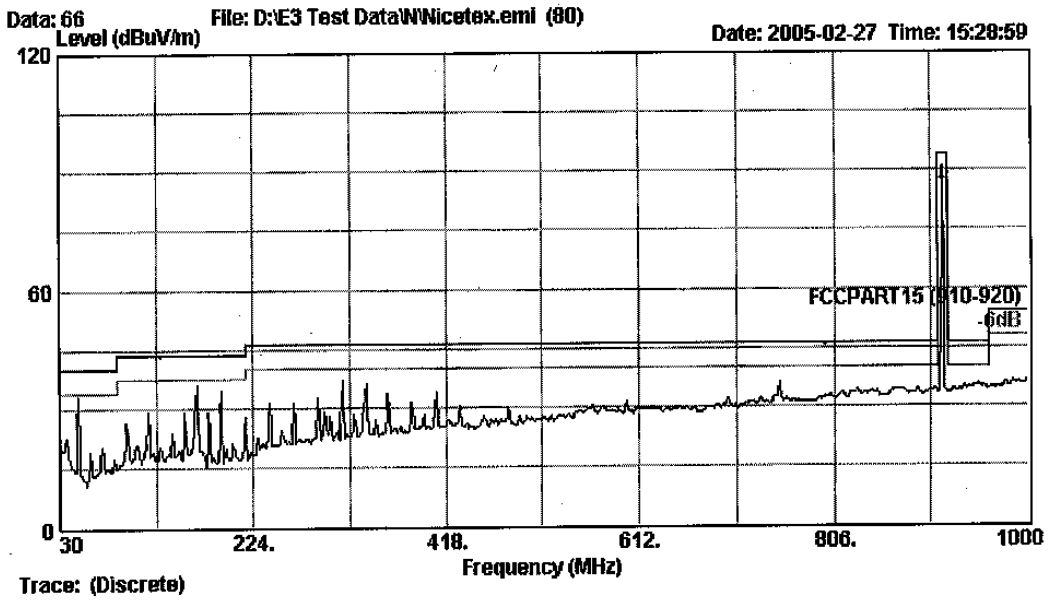
Postcode:518057



Site :10m Chamber
Condition :FCCPART15 (910-920) 3m 2768 FACTOR(3M) VERTICAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Comment :Temp:24' Humi:56%
Memo :Tx(Middle Frequency)

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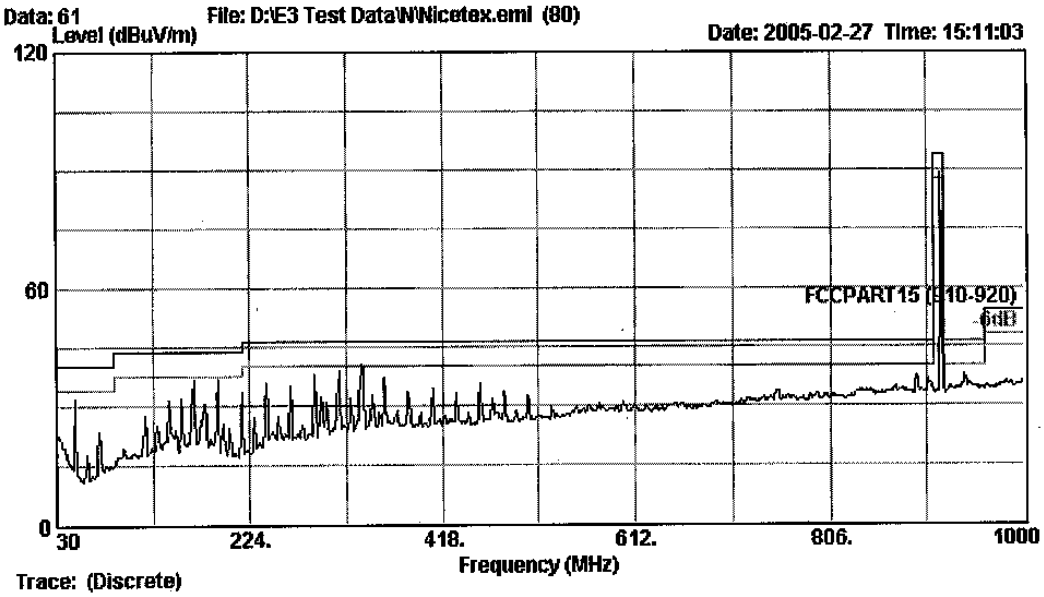
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site :10m Chamber
Condition :FCCPART15 (910-920) 3m 2768 FACTOR(3M) HORIZONTAL
EUT :900MHz transmitter and Receive
: (Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richshy
Comment :Temp:24' Humi:56%
Memo :Tx(Highest Frequency)

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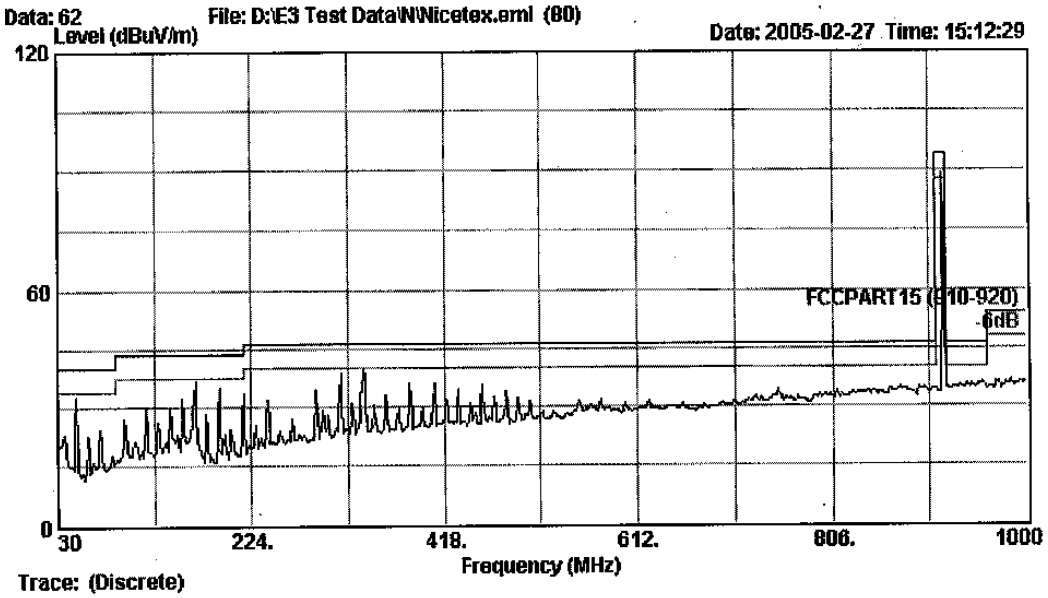

Site : 10m Chamber
Condition : FCCPART15 (910-920) 3m 2768 FACTOR(3M) VERTICAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input: 120V/60Hz
Test Engineer: Richzhy
Commant : Temp: 24' Humd: 56%
Memo : Tx(Highest Frequency)

APPENDIX II

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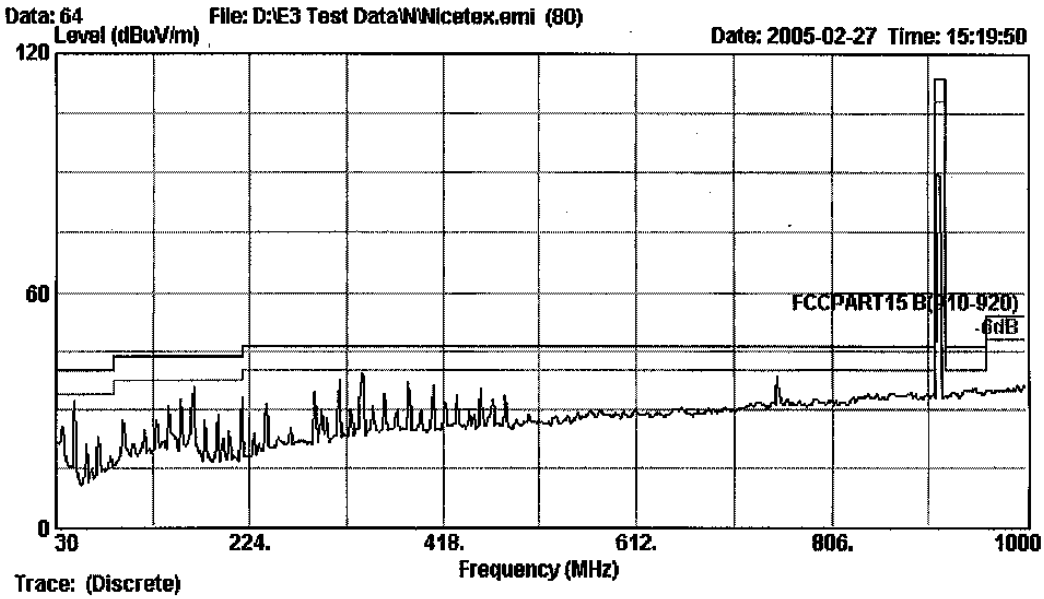
Postcode:518057



Site :10m Chamber
Condition :FCCPART15 B(910-920) 3m 2768 FACTOR(3M) HORIZONTAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Comment :Temp:24' Humi:56%
Memo :Tx(Lowest Frequency)

No.6, Ke Fang Road, Block 52,
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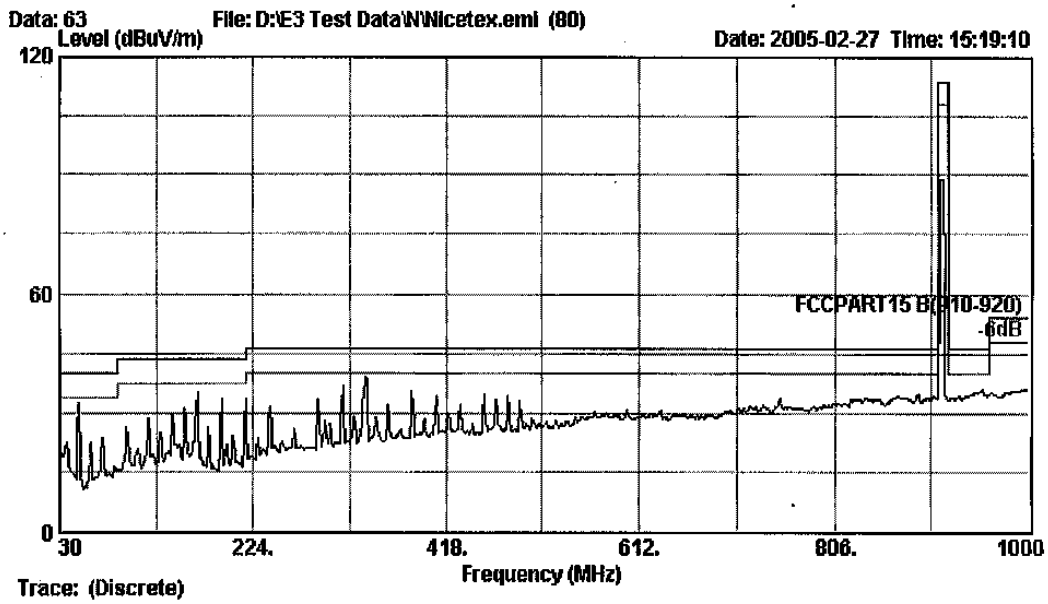
Nantou, Shenzhen, Guangdong, China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site :10m Chamber
Condition :FCCPART15 B(910-920) 3m 2768 FACTOR(3M) VERTICAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Comment :Temp:24' Humi:56%
Memo :Tx(Lowest Frequency)

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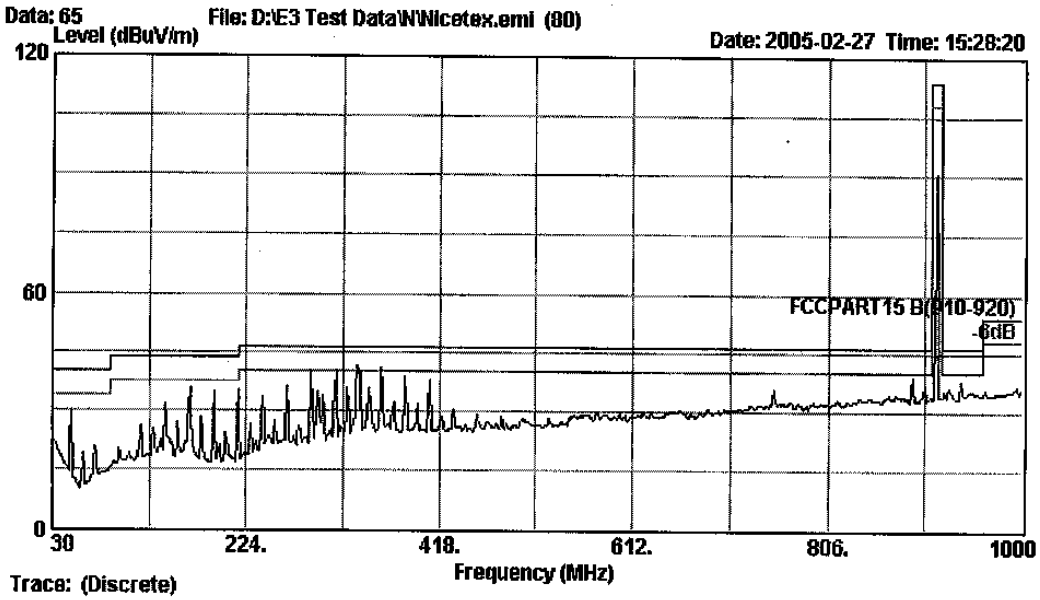

Site	:10m Chamber
Condition	:FCCPART15 B(910~920) 3m 2768 FACTOR(3M) HORIZONTAL
EUT	:900MHz transmitter and Receive
.	:(Speaker with USB)
M/N	:NE-511
Power	:DC6V Adaptor Input:120V/60Hz
Test Engineer	:Richzhy
Comment	:Temp:24' Humd:56%
Memo	:Tx(Middle Frequency)

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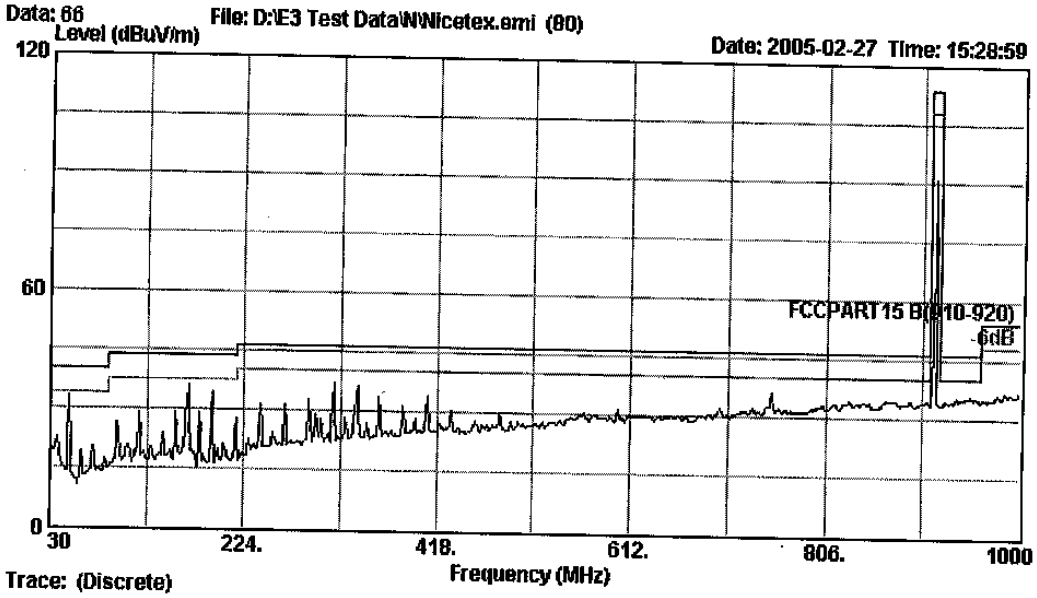

Site :10m Chamber
Condition :FCCPART15 B(910-920) 3m 2768 FACTOR(3M) VERTICAL
EUT :900MHz transmitter and Receive
. :(Speaker with USB)
M/N :NE-511
Power :DC6V Adaptor Input:120V/60Hz
Test Engineer:Richzhy
Comment :Temp:24' Humd:56%
Memo :Tx(Middle Frequency)

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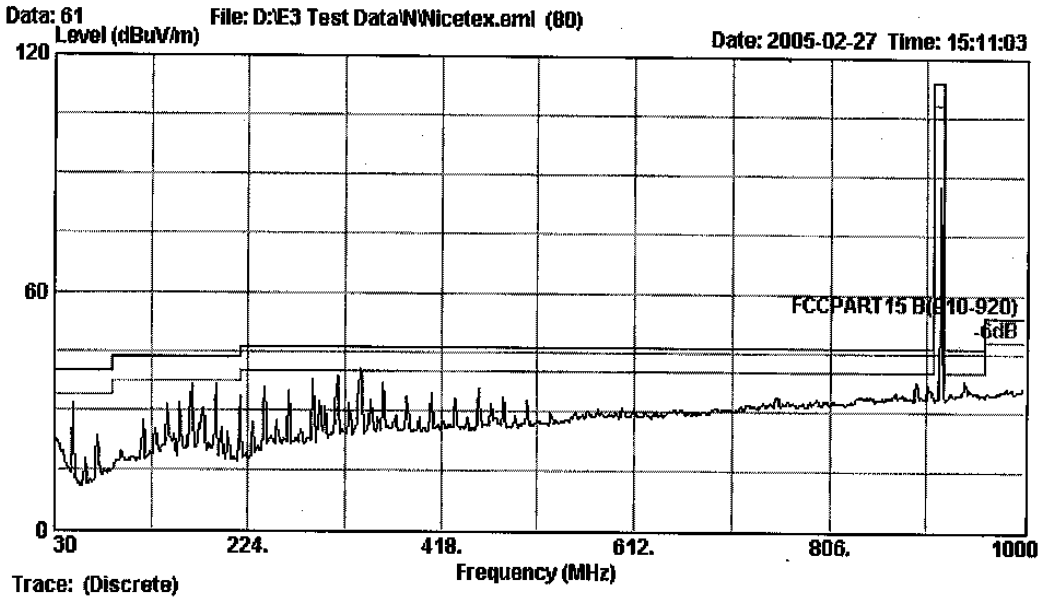

Site	:10m Chamber
Condition	:FCCPART15 B(910-920) 3m 2768 FACTOR(3M) HORIZONTAL
EUT	:900MHz transmitter and Receive
.	:(Speaker with USB)
M/N	:NE-511
Power	:DC6V Adaptor Input:120V/60Hz
Test Engineer	:Richzhy
Comment	:Temp:24' Humi:56%
Memo	:Tx(Highest Frequency)

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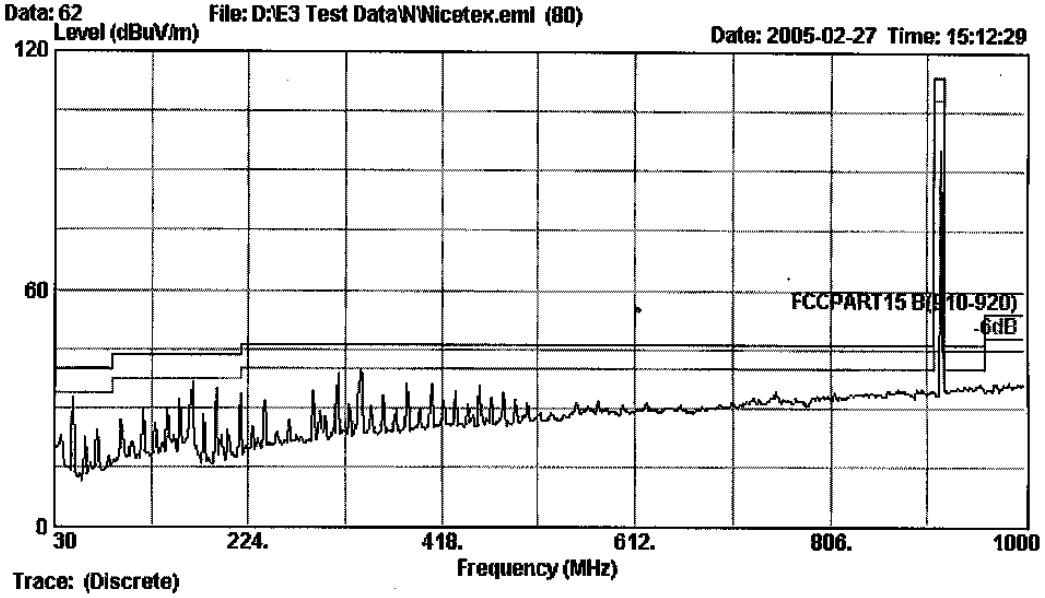

Site : 10m Chamber
Condition : FCCPART15 B(910-920) 3m 2768 FACTOR(3M) VERTICAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NR-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer: Richzhy
Comment : Temp:24' Humi:56%
Memo : Tx(Highest Frequency)

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Tel:+86-755-26639496 Fax:+86-755-26632877

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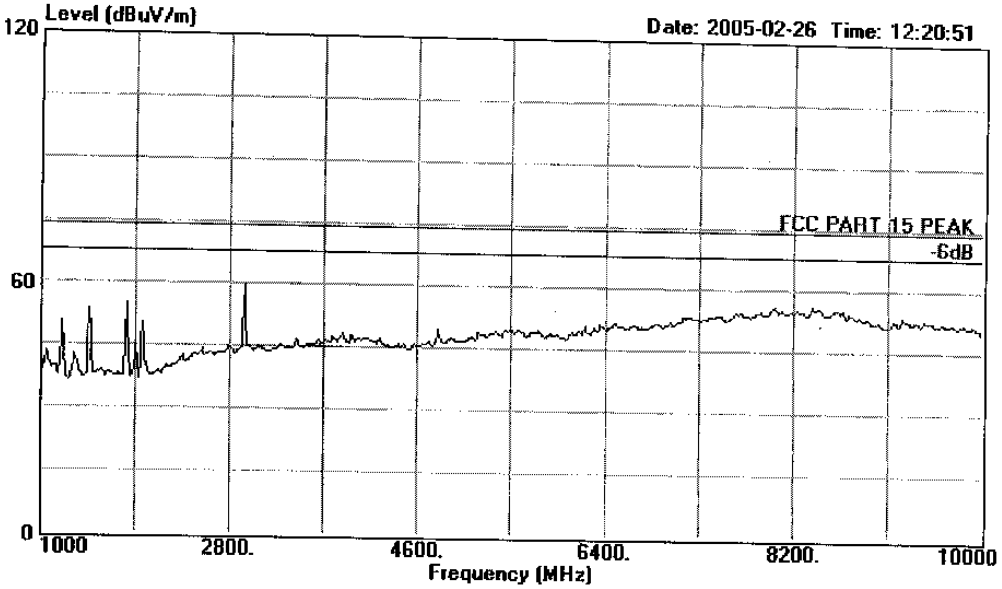

Site	:	1# Chamber
Condition	:	FCC PART 15 PEAK 3m 3115 FACTOR HORIZONTAL
EUT	:	900MHz transmitter and Receive
.	:	(Speaker with USB)
M/N	:	NE-511
Power	:	DC6V Adaptor Input:120V/60Hz
Test Engineer	:	Richzhy
Memo	:	Tx (Lowest Frequency)

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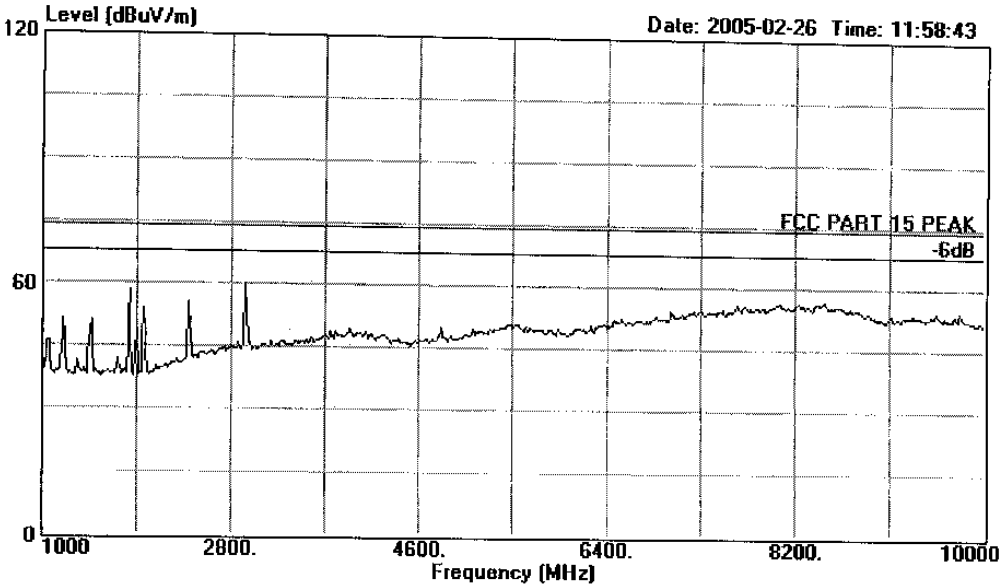

Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR VERTICAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Lowest Frequency)

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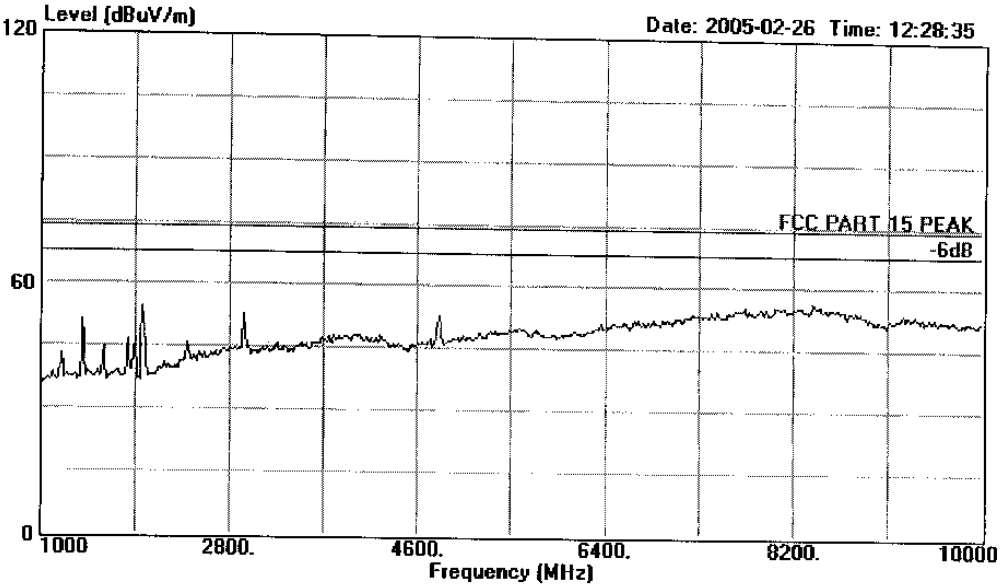

Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR HORIZONTAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Middle Frequency)

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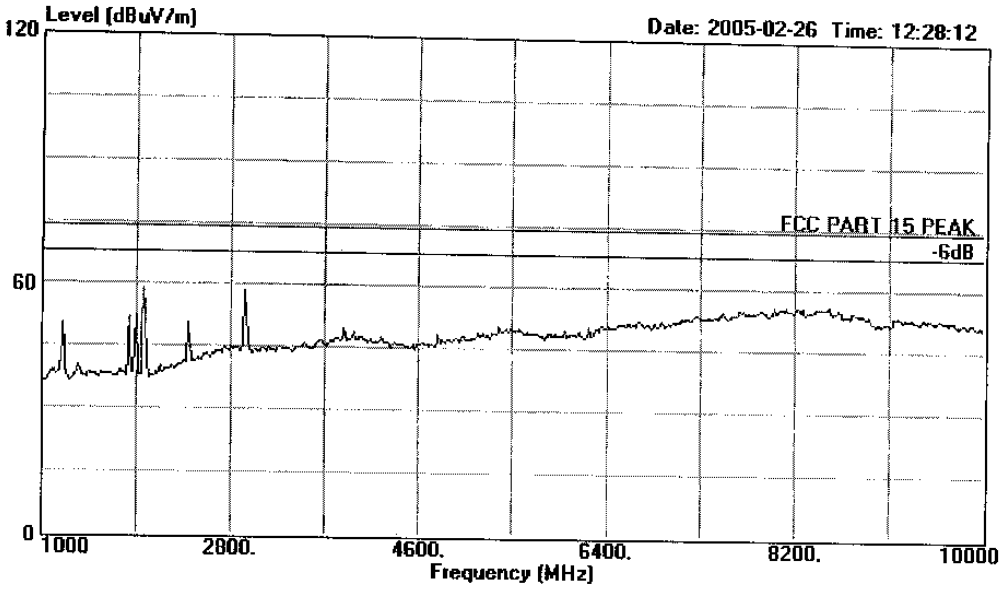

Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR VERTICAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Middle Frequency)

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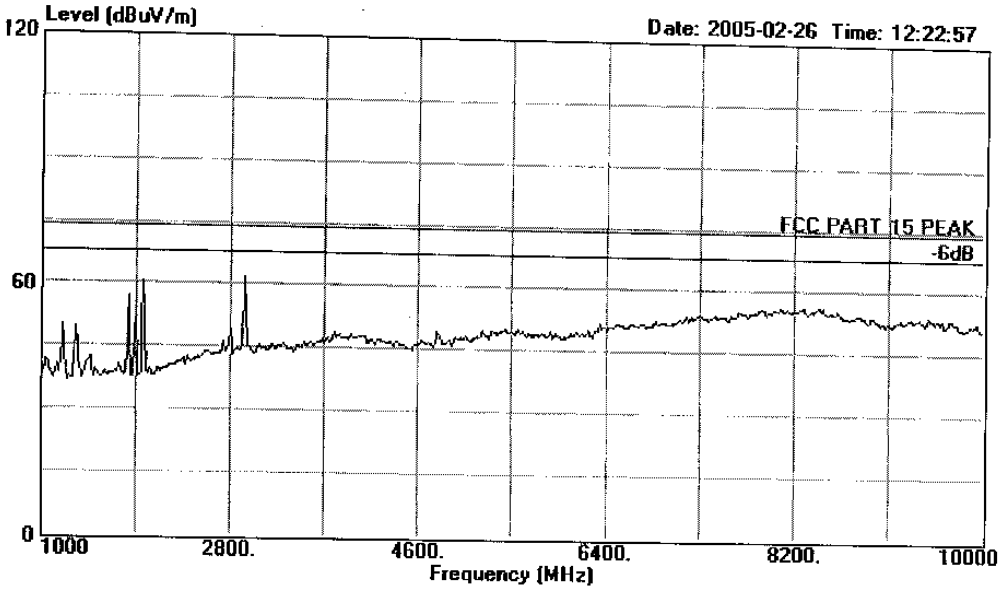

Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR HORIZONTAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Highest Frequency)

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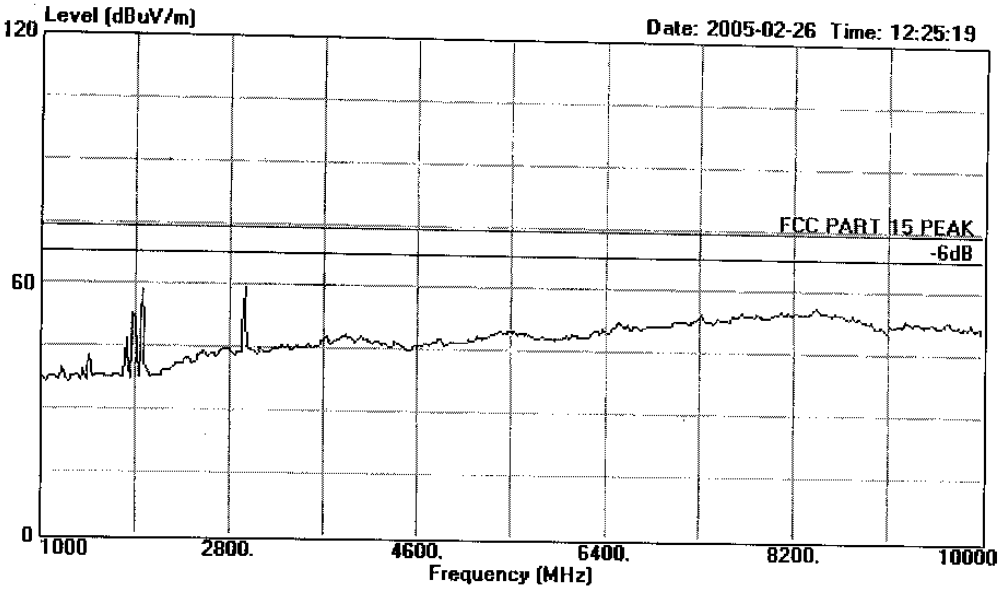

Site : 1# Chamber
Condition : FCC PART 15 PEAK 3m 3115 FACTOR VERTICAL
EUT : 900MHz transmitter and Receive
. : (Speaker with USB)
M/N : NE-511
Power : DC6V Adaptor Input:120V/60Hz
Test Engineer : Richzhy
Memo : Tx (Highest Frequency)