APPLICATION FOR CERTIFICATION
On Behalf of

SHENZHEN JIEHE TECHNOLOGY DEVELOPMENT Co., Ltd

Mini PC

Model Number: Giada Slim-N20

FCC ID: YIKN20

Prepared for : SHENZHEN JIEHE TECHNOLOGY DEVELOPMENT Co., Ltd
2/F, Block A, Tsinghua Information Harbor, North Section, Shenzhen Hi-tech Park, Nanshan District, Shenzhen, China P. R

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-F10157

Date of Test : Jun.12~18, 2010

Date of Report : Jul.23, 2010

TABLE OF CONTENTS

TEST REPORT CERTIFICATION

Applicant	: SHENZHEN JIEHE TECHNOLOGY DEVELOPMENT Co., Ltd	
EUT Description	: Mini PC	
FCC ID	: YIKN20	
	(A)MODEL NO.	: Giada Slim-N20
	(B)SERIAL NO.	: N/A
	(C)POWER SUPPLY	: DC 19V Adapter Input AC 120V/60Hz
	(D)TEST VOLTAGE	: DC 19V Adapter Input AC 120V/60Hz

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart B Class B 2008, ANSI C63.4-2009

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 B 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.

Date of Test : Jun.12~18, 2010

Prepared by : Annie Wu

Annie Wu / Senior Assistant

Reviewer : Jamy Yu

Jamy Yu / Supervisor

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 7/16 10

Approved & Authorized Signer :

Ken Lu / Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1.Description of Standards and Results

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

EMISSION			
Description of Test Item	**Standard**	**Limits**	**Results**
Power Line Conducted Emission Test	FCC Part 15: 2008 ANSI C63.4: 2009	Class B	PASS
Radiated Emission Test	FCC Part 15: 2008 ANSI C63.4: 2009	Class B	PASS

2. GENERAL INFORMATION

2.1.Description of Device (EUT)

Product name	:	Mini PC （Note）
Model Number	:	Giada Slim-N20
FCC ID	:	YIKN20
Applicant	:	SHENZHEN JIEHE TECHNOLOGY DEVELOPMENT Co., Ltd 2/F, Block A, Tsinghua Information Harbor, North Section, Shenzhen Hi-tech Park, Nanshan District, Shenzhen, China P.R
Manufacturer	:	CHEER ASCENT Electronics Co., Ltd Block 1, Fuhai Industrial Park, Fuyong town, Baoan District, Shenzhen, China P.R
Date of Test	:	Jun.12~18, 2010
Date of Receipt	:	Jun.07, 2010
Sample Type	:	Series production

Note: This EUT is Class B Mini PC, for test purpose, a typical Class B personal computer was configured by applicant with this EUT.

Note: This device contains a wireless module, and this wireless module have been certificated as module approval.

2.2. Test configuration with EUT

Category	Vendor and Model
Demansion	160*175*23mm
CPU	Intel® Atom® Processor D510
Chipset	Intel® NM10
GPU	NVIDIA® ION® (GT218)
RAM(optional)	2G DDR2
HDD(optional)	320G
LAN	Gigabit
WIFI(optional)	Wireless LAN 802.11b/g/n+ Bluetooth
USB Port	X2
Display output	1*VGA, 1*HDMI
Esata	X1
Card reader	4 in 1
Audio output	L/R Channel, SPDIF-out

A special PC test software "BurnInTest.exe" was used to exercise all functions of PC (full efficiency running of CPU, read and write data from Hard disk, output "H" character, all output and input port of EUT were also exercised by typical accessories)

2.1.Tested Supporting System Details

2.1.1. MONITOR #1

EMC CODE	:	ACS-EMC-LM07R
M/N	:	3008WFPt
S/N	:	CN-0RW915-71618-846-397L
Manufacturer	:	DELL
Data Cable (VGA)	:	Shielded, Detachabled, 2.0m
Power Cord	:	Unshielded, Detachabled, 1.8m
FCC ID	:	By DoC

2.1.2. MONITOR #2

EMC CODE	:	ACS-EMC-LM04R
M/N	:	1907FPt
S/N	:	CN-009759-71618-6AP-ACPP
Manufacturer	:	DELL
Data Cable (HDMI)	:	Shielded, Detachabled, 2.0m
Power Cord	:	Unshielded, Detachabled, 1.8m
FCC ID	:	By DoC
BSMI ID	:	R3A002

2.1.3. USB Keyboard

EMC CODE	:	ACS-EMC-K01R
M/N	:	SK-8115
S/N	:	CN-ODJ313-71616-711-0J73
Manufacturer	:	DELL
Data Cable	:	Shielded, Undetachabled, 2.0m
FCC ID	:	By DoC
BSMI ID	:	T3A002

2.1.4. USB MOUSE

EMC CODE	:	ACS-EMC-M01R
M/N	:	M056UO
S/N	:	512022645
Manufacturer	:	Dell
Data Cable	:	Shielded, Undetachabled, 1.8m
FCC ID	:	By DoC
BSMI ID	:	R41108

2.1.5. MICROPHONE

EMC CODE	:	ACS-EMC-MIC01
M/N	:	SM-300
Manufacturer	:	SONCN
Data Cable	:	Shielded, Undetachabled, 1.7m

2.1.6. HEADPHONE

EMC CODE	:	ACS-EMC-EP01
M/N	:	OV880V
Manufacturer	:	OVANN
Data Cable	:	Shielded, Undetachabled, 1.2m

2.1.7. E-SATA

EMC CODE	:	ACS-EMC-HDD11(eSATA)
M/N	:	9NL7A6-510
S/N	:	9QM3Q574
Manufacturer	:	Seagate
Data Cable	:	Unshielded,Detachabled, 1.5*2m ,0.5m
FCC ID	:	By DoC
BSMI ID	:	D33027

2.1.8. Power Amplifier

EMC CODE	:	ACS-EMC-AMP01
M/N	:	AV-805
Manufacturer	:	SANGU
Cable	:	Unshielded, Undetachable 1.2m

【HUB SYSTEM & PARTNER PC SYSTEM】
- Used for At Shielded Room and Semi-Anechoic Chamber

2.1.9. HUB (10/100/1000 FAST ETHERNET SWITCH)

EMC CODE	:	ACS-EMC-DL01
M/N	:	DGS-1008D
Manufacturer	:	D-Link
S/N	:	B2C6468500622
Data Cable	:	Shielded, Detachabled, 1.8m
Adaptor (RL48-07V51000)	:	Unshielded, detachabled , 1.0m
FCC ID	:	By DoC

2.1.10.EXCHANGE

EMC CODE	:	EMC2.017B
M/N	:	CD8000
S/N	:	X4Y740Y3T388N9X
Manufacturer	:	CHAN DE
Data Cable	:	Unshielded,Undetachabled, 10m

2.1.11.PC

M/N	:	DELL 490
S/N	:	2Q5932X
Manufacturer	:	DELL
Power Cord	:	Unshielded, Detachabled,1.8m

2.1.12.17"COLOR MONITOR

M/N	:	E772F
S/N	:	CN-02W486-64180-3CE-00L9
Manufacturer	:	DELL
Power Cord	:	Unshielded, Detachabled,1.8m
VGA Cable	:	Shielded, Detachabled,1.8m

2.1.13.KEYBOARD

M/N	:	SK-8115
S/N	:	CN-ODJ313-71616-711-04WJ
Manufacturer	:	DELL
Data Cable	:	Unshielded, Undetachabled,2.0m

2.1.14.MOUSE

M/N	:	M056UO
S/N	:	512024282
Manufacturer	:	DELL
Data Cable	:	Unshielded, Undetachabled,1.8m

2.2.Test Facility

Site Description

Name of Firm	:	Audix Technology (Shenzhen) Co., Ltd. No. 6, Ke Feng Rd., 52 Block, Shenzhen Science & Industrial Park, Nantou, Shenzhen, Guangdong, China
3m Anechoic Chamber	:	Mar. 31, 2009 File on Federal Communication Commission Registration Number: 90454
3m & 10m Anechoic Chamber	:	Dec. 30, 2009 File on Federal Communication Commission Registration Number: 794232
EMC Lab.	:	Accredited by DATech, German Registration Number: DAT-P-091/99-01 Feb. 02, 2009 Accredited by NVLAP, USA NVLAP Code: 200372-0 Apr.01, 2010

2.3.Test Uncertainty (95% confidence levels, k=2)

Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 2 Conduction	3.22dB
Uncertainty for Radiation Emission test in 10m chamber (Distance: 10m)	3.46dB (30~200MHz, Polarize: H)
	3.72dB (30~200MHz, Polarize: V)
	3.74dB (200M~1GHz, Polarize: H)
	3.72dB (200M~1GHz, Polarize: V)
Uncertainty for Radiation Emission test in 10m chamber (1GHz-18GHz)	3.12 dB (Distance: 3m Polarize: V)
	3.74 dB (Distance: 3m Polarize: H)
Uncertainty for SVSWR in 10m Chamber	2.42 dB (Distance: 3m Polarize: V)
	2.44 dB (Distance: 3m Polarize: H)
Uncertainty for test site temperature and humidity	0.3℃
	2%

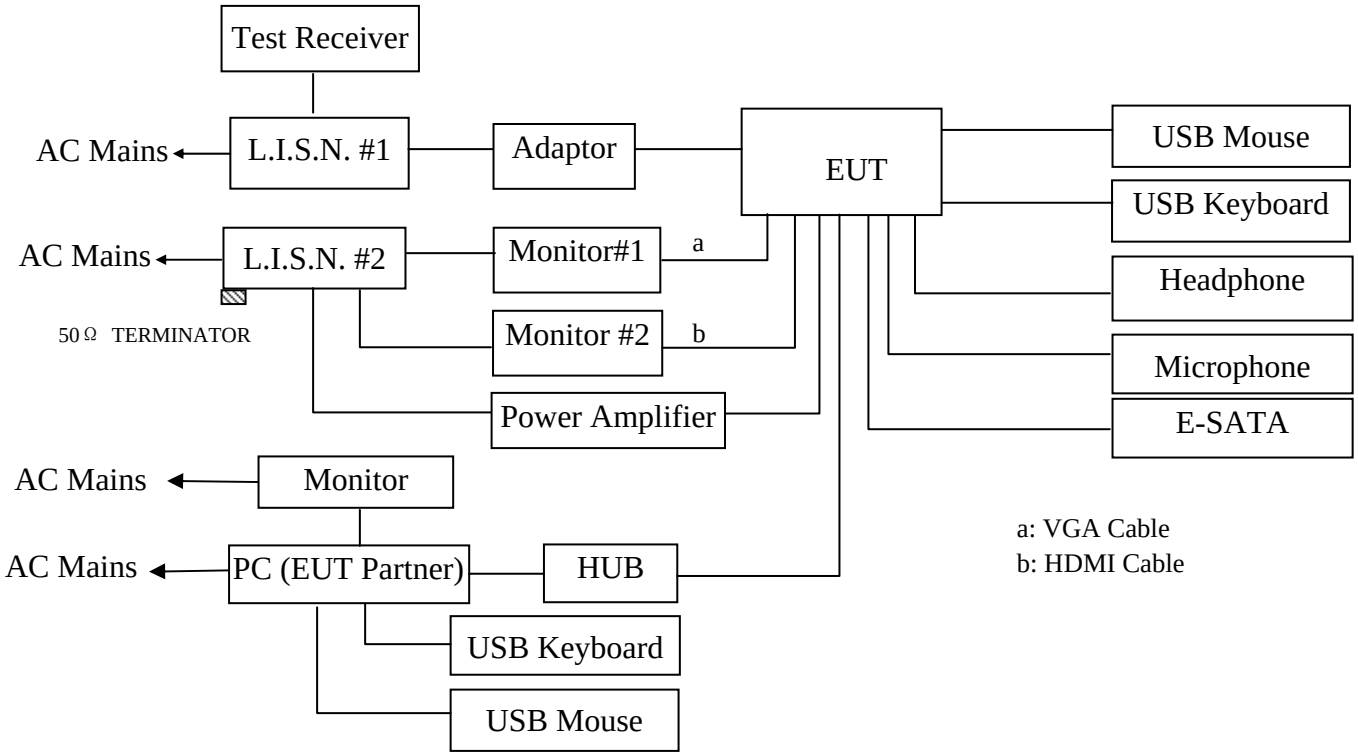
3. POWER LINE CONDUCTED EMISSION TEST

3.1. Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Test Receiver	Rohde & Schwarz	ESCI	100843	Mar.30, 10	1 Year
2	L.I.S.N.#1	Rohde & Schwarz	ENV4200	100041	May.08, 10	1 Year
3	L.I.S.N.#2	Kyoritsu	KNW-407	8-1628-5	May.08, 10	1 Year
4	Terminator	Hubersuhner	50Ω	No. 2	May.08, 10	1 Year
5	RF Cable	Fujikura	3D-2W	LISN Cable 2#	May.08, 10	1 Year
6	Coaxial Switch	Anritsu	MP59B	6200298346	May.08, 10	1 Year
7	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100340	May.08, 10	1 Year

3.2. Block Diagram of Test Setup

3.2.1. Block diagram of connection between the EUT and Supporting System



(EUT: Mini PC)

3.3. Power Line Conducted Emission Test Limits

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.

3.4. Configuration of EUT on Test

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

3.4.1. Mini PC (EUT)

Model Number : Giada Slim-N20
Serial Number : N/A

3.4.2. Support Equipment : As Tested Supporting System Detail, in Section 2.2

3.5. Operating Condition of EUT

3.5.1. Setup the EUT and simulator as shown as Section 3.2.

3.5.2. Turned on the power of all equipment.

3.5.3. PC run test software “BurnInTest.exe” to exercise all functions of EUT

3.6. Test Procedure

The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#2). 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 ANSI C63.4-2009 on Conducted Emission Test.

The bandwidth of test receiver (R & S ESCI) is set at 9kHz.

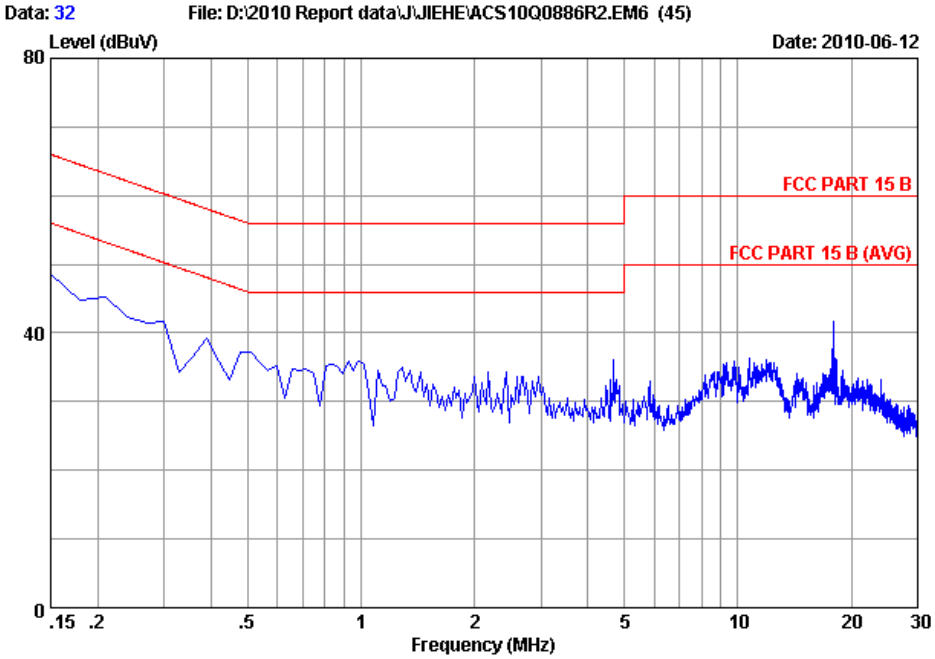
The frequency range from 150kHz to 30MHz is checked.

The test result are reported on Section 3.7.,

3.7. Power Line Conducted Emission Test Results

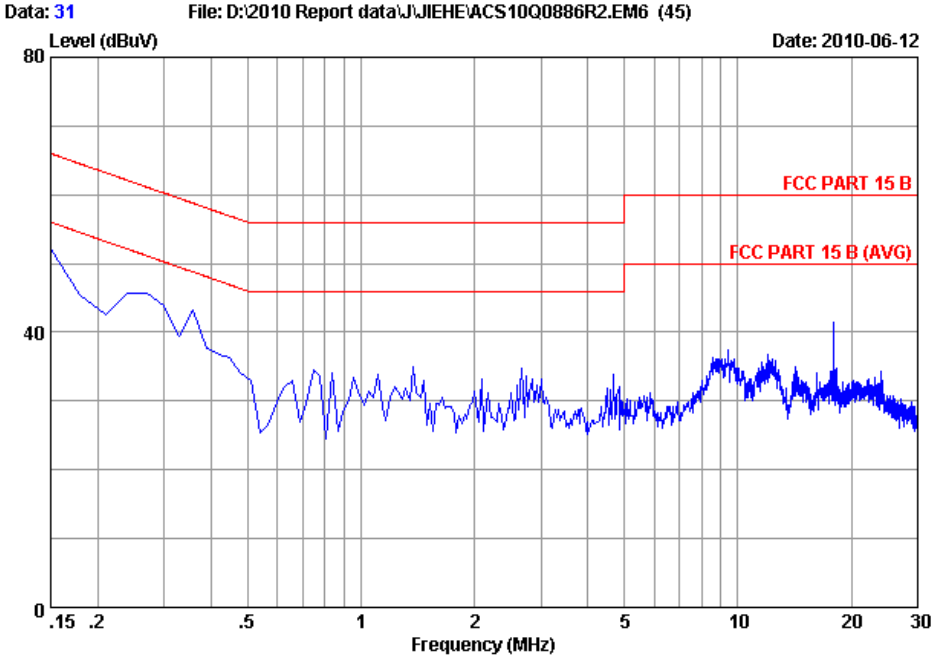
PASS. **(**All emissions not reported below are too low against the prescribed limits.)

No.6 Ke Feng Road,B1;ck 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
Postcode:518057



Site no :Audix No.2 Conduction
Dis./Ant. :** 2010 ENV4200
Limit :FCC PART 15 B
Env./Ins. :29.5*C/55%
EUT :Mini PC M/N:Giada Slim-N20
Power Rating :AC 120V/60Hz
Test Mode :Running Burnin Test V5.3
VGA+HDMI:640*480@60Hz

Data No :32
LISN phase:LINE
Engineer :Restar



Site no :Audix No.2 Conduction
Dis./Ant. :** 2010 ENV4200
Limit :FCC PART 15 B
Env./Ins. :29.5*C/55%
EUT :Mini PC M/N:Giada Slim-N20
Power Rating :AC 120V/60Hz
Test Mode :Running Burnin Test V5.3
VGA+HDMI:640*480@60Hz

Data No :31
LISN phase:NEUTRAL
Engineer :Restar

No.6 Ke Feng Road,B1;ck 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
Fax:+86-755-26632877
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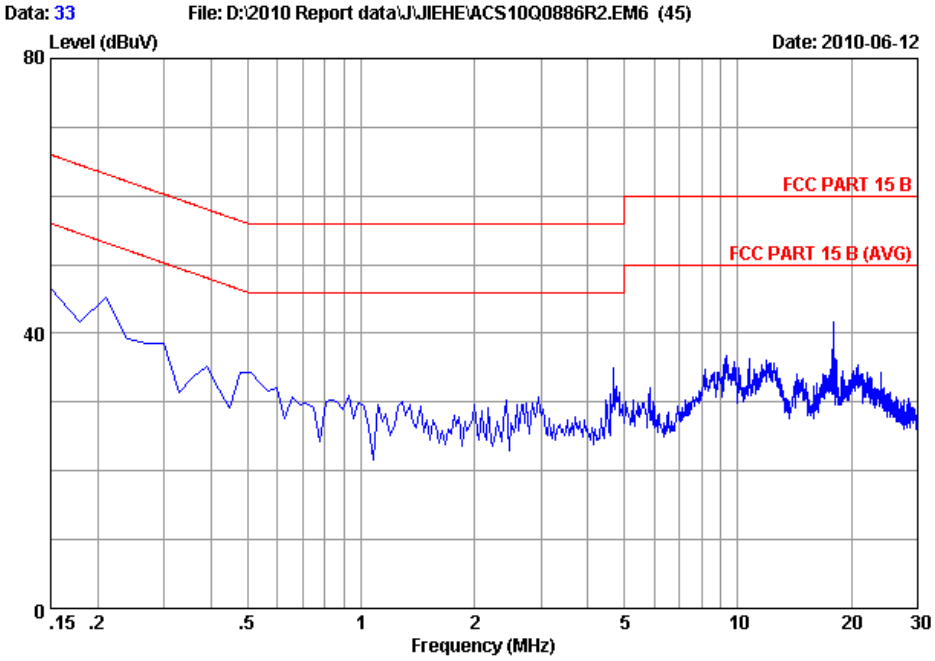
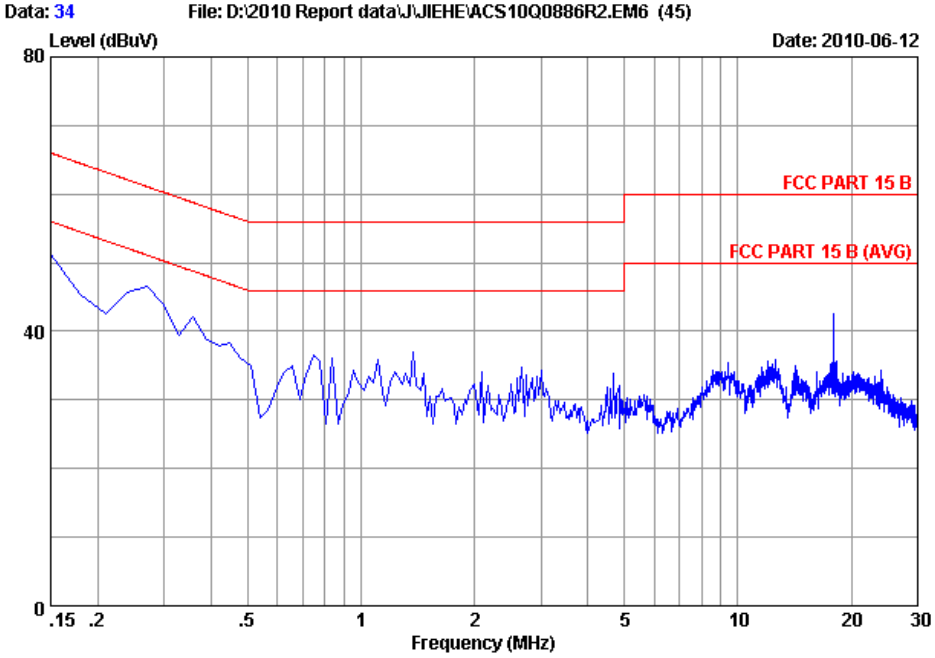


Site no :Audix No.2 Conduction
Dis./Ant. :** 2010 ENV4200
Limit :FCC PART 15 B
Env./Ins. :29.5*C/55%
EUT :Mini PC M/N:Giada Slim-N20
Power Rating :AC 120V/60Hz
Test Mode :Running Burnin Test V5.3
VGA+HDMI:1280*1024@75Hz

Data No :33
LISN phase:LINE
Engineer :Restar



Site no :Audix No.2 Conduction
Dis./Ant. :** 2010 ENV4200
Limit :FCC PART 15 B
Env./Ins. :29.5*C/55%
EUT :Mini PC M/N:Giada Slim-N20
Power Rating :AC 120V/60Hz
Test Mode :Running Burnin Test V5.3
VGA+HDMI:1280*1024@75Hz

Data No :34
LISN phase:NEUTRAL
Engineer :Restar

No.6 Ke Feng Road,B1;ck 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495-7
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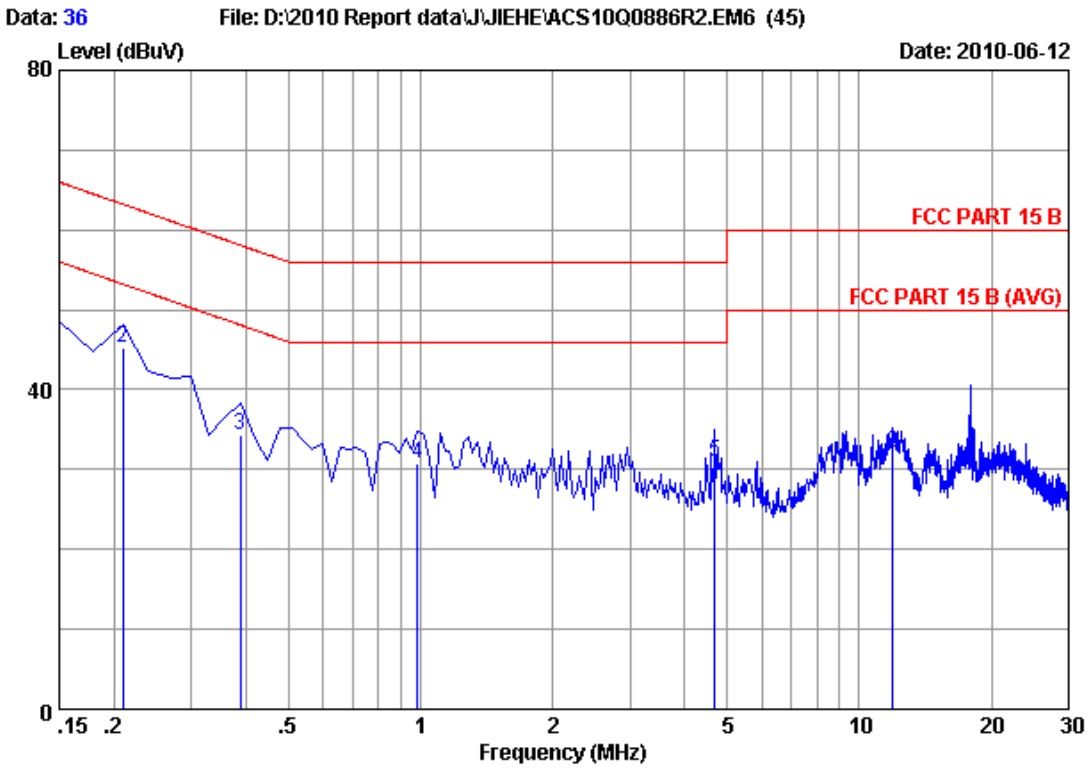

Site no :Audix No.2 Conduction
Dis./Ant. :** 2010 ENV4200
Limit :FCC PART 15 B
Env./Ins. :29.5*C/55%
EUT :Mini PC M/N:Giada Slim-N20
Power Rating :AC 120V/60Hz
Test Mode :Running Burnin Test V5.3
VGA+HDMI:1920*1200@60Hz

Data No :36
LISN phase:LINE

Engineer :Restar

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	10.11	9.87	25.52	45.50	66.00	20.50	QP
2	0.20970	10.14	9.87	25.17	45.18	63.22	18.04	QP
3	0.38880	10.17	9.88	14.22	34.27	58.09	23.82	QP
4	0.98580	10.19	9.89	10.77	30.85	56.00	25.15	QP
5	4.687	10.23	9.99	10.81	31.03	56.00	24.97	QP
6	11.911	10.39	10.29	11.52	32.20	60.00	27.80	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

No.6 Ke Feng Road,B1;ck 52,
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Tel:+86-755-26639495-7
Fax:+86-755-26632877
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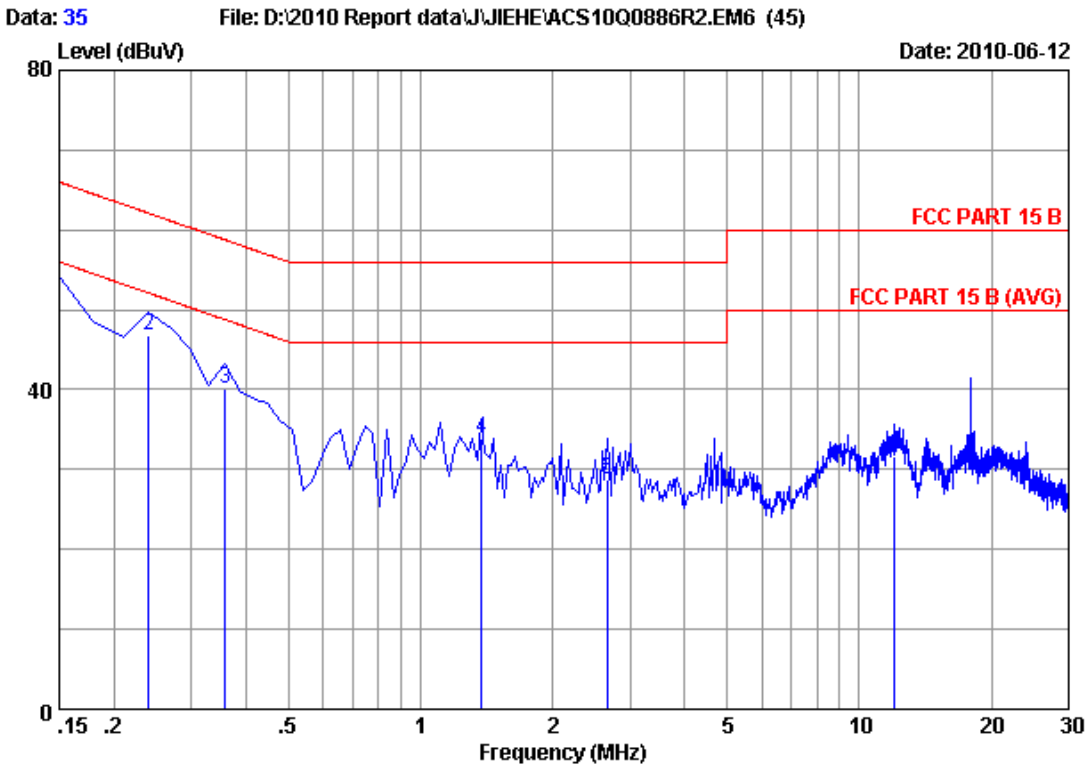


Site no :Audix No.2 Conduction
Dis./Ant. :** 2010 ENV4200
Limit :FCC PART 15 B
Env./Ins. :29.5*C/55%
EUT :Mini PC M/N:Giada Slim-N20
Power Rating :AC 120V/60Hz
Test Mode :Running Burnin Test V5.3
VGA+HDMI:1920*1200@60Hz

Data No :35
LISN phase:NEUTRAL

Engineer :Restar

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.15000	10.22	9.87	31.16	51.25	66.00	14.75	QP
2	0.23955	10.18	9.87	26.68	46.73	62.11	15.38	QP
3	0.35895	10.19	9.88	20.07	40.14	58.75	18.61	QP
4	1.374	10.26	9.91	13.72	33.89	56.00	22.11	QP
5	2.657	10.29	9.95	8.61	28.85	56.00	27.15	QP
6	12.060	10.45	10.30	10.94	31.69	60.00	28.31	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss(Include 10dB pulse limit)+Reading.
2.If the average limit is met when useing a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

4. RADIATED EMISSION TEST

4.1.Test Equipment

Frequency rang: 30~1000MHz

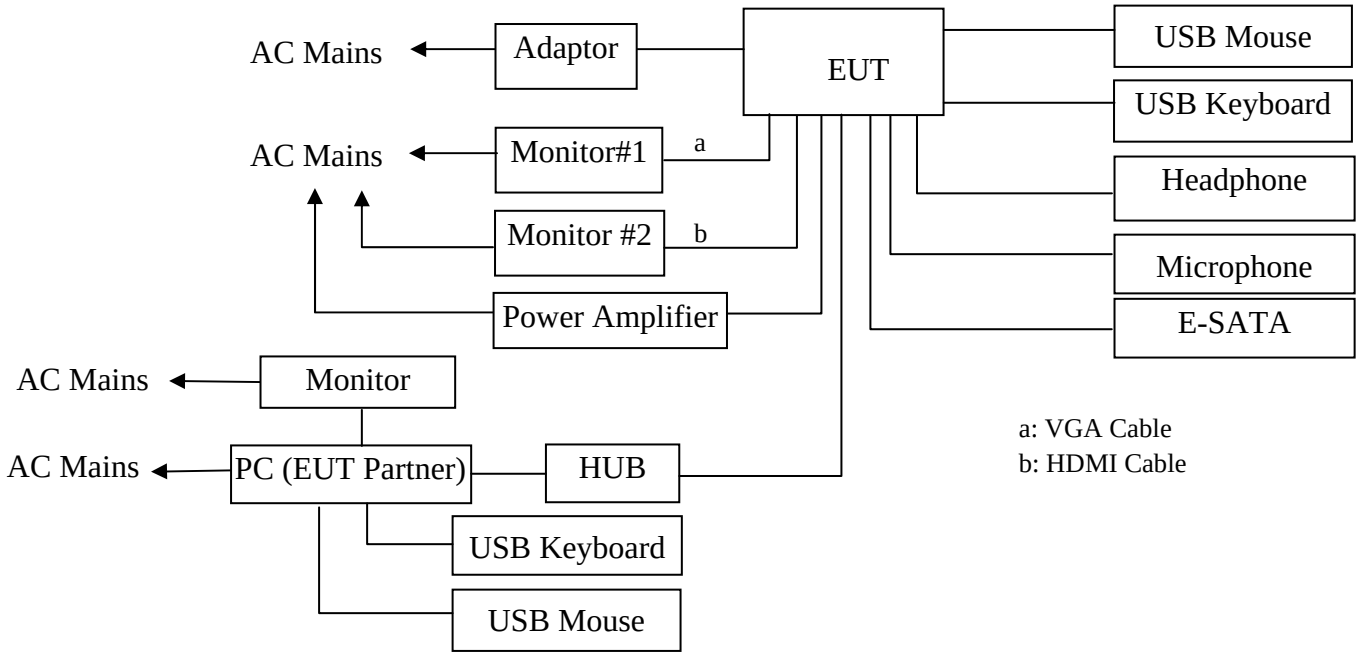
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	10m Chamber	AUDIX	N/A	N/A	Dec.05,09	1 Year
2	EMC Analyzer	Agilent	E7405A	MY42000131	May.08, 10	1 Year
3	EMC Analyzer	Agilent	E7405A	MY45116588	May.08, 10	1 Year
4	Test Receiver	Rohde & Schwarz	ESCI	100842	May.08, 10	1 Year
5	Amplifier	Agilent	8447D	2944A10684	May.08, 10	1Year
6	Amplifier	Agilent	8447D	2944A11140	May.08, 10	1 Year
7	Bilog Antenna	Schaffner	CBL6112D	25238	Mar.27, 10	1 Year
8	Bilog Antenna	Schaffner	CBL6112D	25237	Mar.27, 10	1 Year
9	RF Cable	MIYAZAKI	8D-FB	10m Chamber No.1	May.08, 10	1 Year
10	RF Cable	MIYAZAKI	8D-FB	10m Chamber No.2	May.08, 10	1 Year
11	Coaxial Switch	Anritsu	MP59B	6200766906	May.08, 10	1 Year
12	Coaxial Switch	Anritsu	MP59B	6200766905	May.08, 10	1 Year
13	Coaxial Switch	Anritsu	MP59B	6200313662	May.08, 10	1 Year

Frequency rang: above 1000MHz

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1	Spectrum Analyzer	Agilent	E4446A	US44300459	May.08, 10	1 Year
2	Horn Antenna	EMCO	3115	9510-4580	Nov.19, 09	1.5 Year
3	Horn Antenna	EMCO	3116	00060089	Nov.25, 09	1.5 Year
4	Amplifier	Agilent	8449B	3008A00863	May.08, 10	1 Year
5	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	May.08, 10	1 Year
6	RF Cable	Hubersuhner	SUCOFLEX102	28618/2	May.08,10	1 Year
7	RF Cable	Hubersuhner	SUCOFLEX102	28610/2	May.08,10	1 Year

4.2.Block Diagram of Test Setup

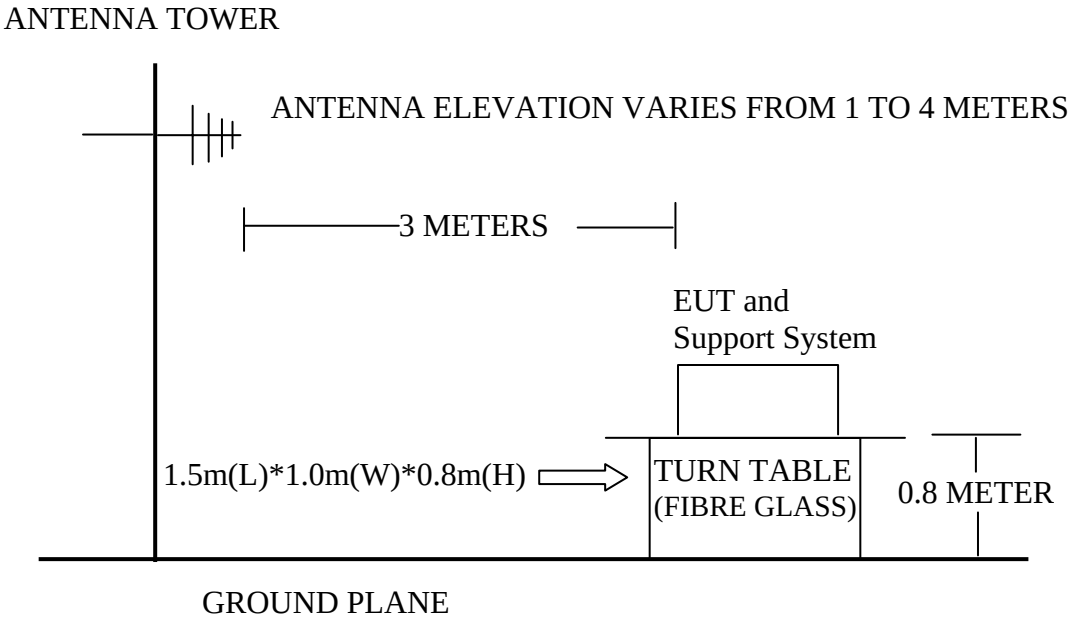
4.2.1.Block Diagram of connection between EUT and simulators



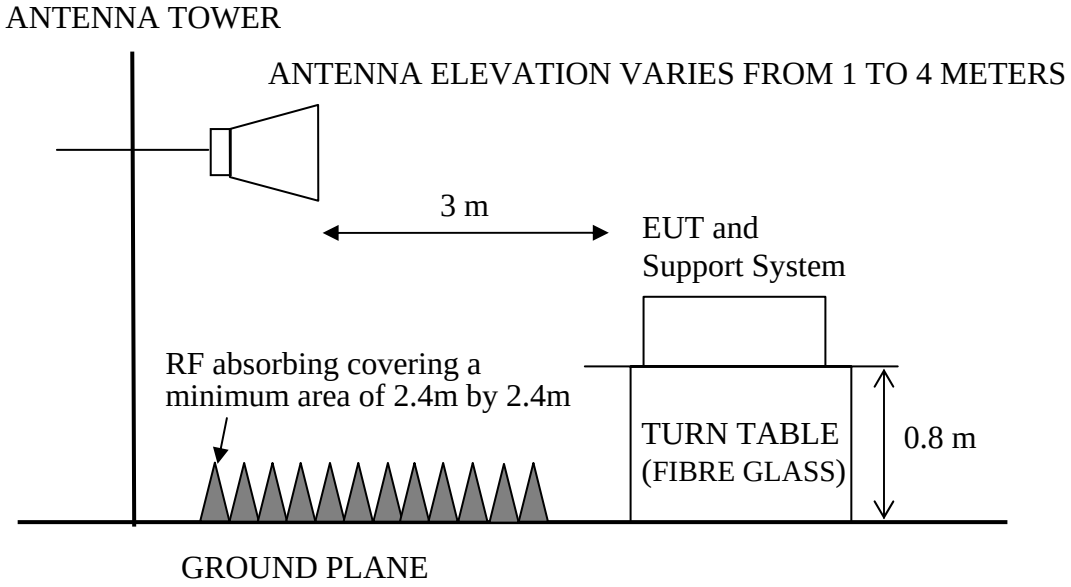
(EUT: Mini PC)

4.2.2.Anechoic Chamber Setup Diagram

For frequency range from 30MHz to 1000 MHz.



For frequency range from1GHz to 18GHz.



4.3.Radiated Emission Limit

Frequency MHz	Distance (Meters)	Field Strengths Limits dB(μV)/m
30 ~ 88	3	40.0
88 ~ 216	3	43.5
216 ~ 960	3	46.0
960 ~ 1000	3	54.0
Above 1000	3	74(Peak)54(Average)

Remark**:** (1) Emission level = Antenna Factor + Cable Loss + Reading

(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.

4.4.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.

4.4.1. Mini PC (EUT)

Model Number : Giada Slim-N20
Serial Number : N/A

4.5.Operating Condition of EUT

4.5.1. Setup the EUT as shown in Section 4.2..

4.5.2. Turned on the power of all equipment.

4.5.3. PC run test software “BurnInTest.exe” to exercise all functions of EUT

4.6.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 C63.4-2009 on radiated emission Test.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

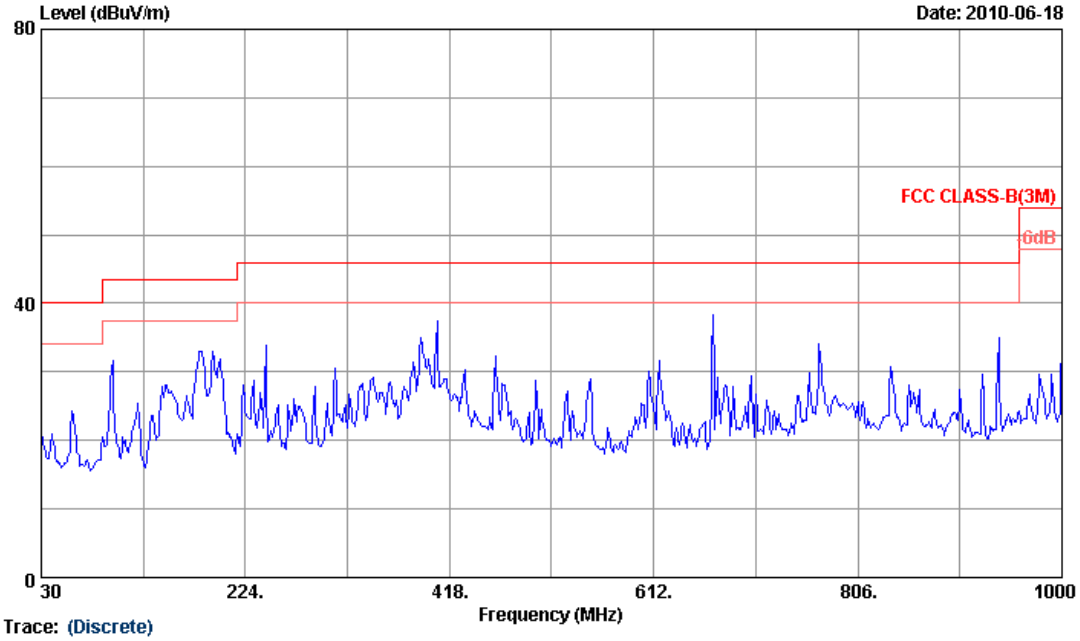
4.7. Radiated Emission Test Results

PASS.

Test Frequency: 30MHz-1000MHz

No.6 Ke Feng Road,B1;ck 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495
Fax:+86-755-26632877
Postcode:518057

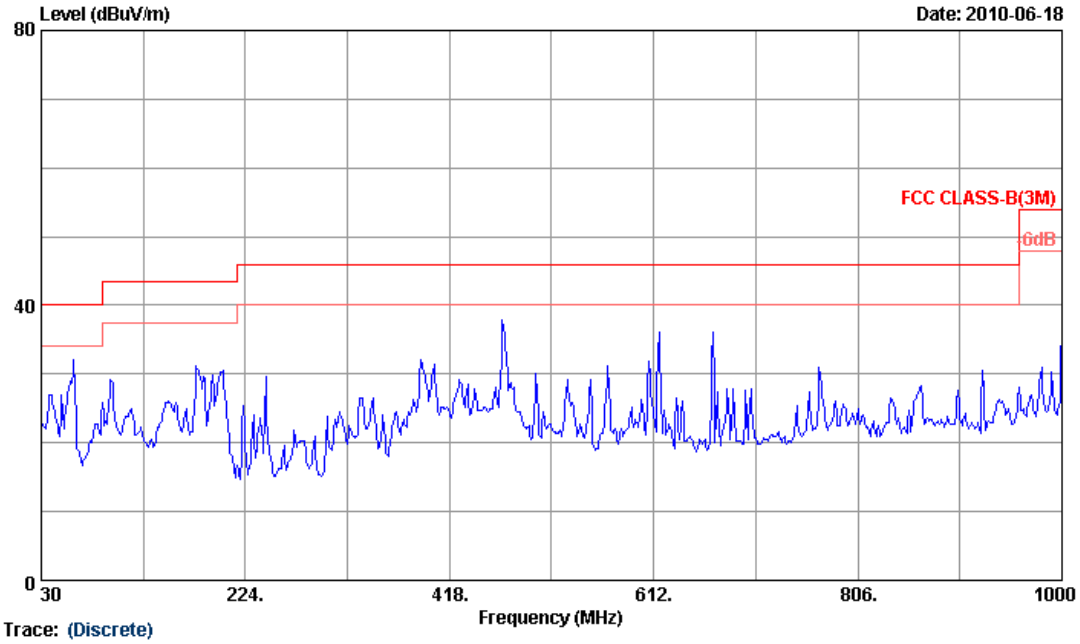
Data: 12 File: D:\2010 Report Data\J\JIEHE\ACS10Q0886R2.EM6 (60)



Trace: (Discrete)

Site no.	: 10m Chamber Test Site	Data No.	: 12
Dis. / Ant.	: 3m 10 CBL6112D 25238 3M	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B(3M)		
Env. / Ins.	: 24*C/56%	Engineer	: Chris
EUT	: Mini PC M/N:Giada Slim-N20		
Power Rating	: DC 19V Adapter Input AC 120V/60Hz		
Test Mode	: Running PC All Systems		
	: VGA+HDMI:640*480@60Hz		

Data: 11 File: D:\2010 Report Data\J\JIEHE\ACS10Q0886R2.EM6 (60)



Trace: (Discrete)

Site no.	: 10m Chamber Test Site	Data No.	: 11
Dis. / Ant.	: 3m 10 CBL6112D 25238 3M	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B(3M)		
Env. / Ins.	: 24*C/56%	Engineer	: Chris
EUT	: Mini PC M/N:Giada Slim-N20		
Power Rating	: DC 19V Adapter Input AC 120V/60Hz		
Test Mode	: Running PC All Systems		
	: VGA+HDMI:640*480@60Hz		

No.6 Ke Feng Road,B1;ck 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495
Fax:+86-755-26632877
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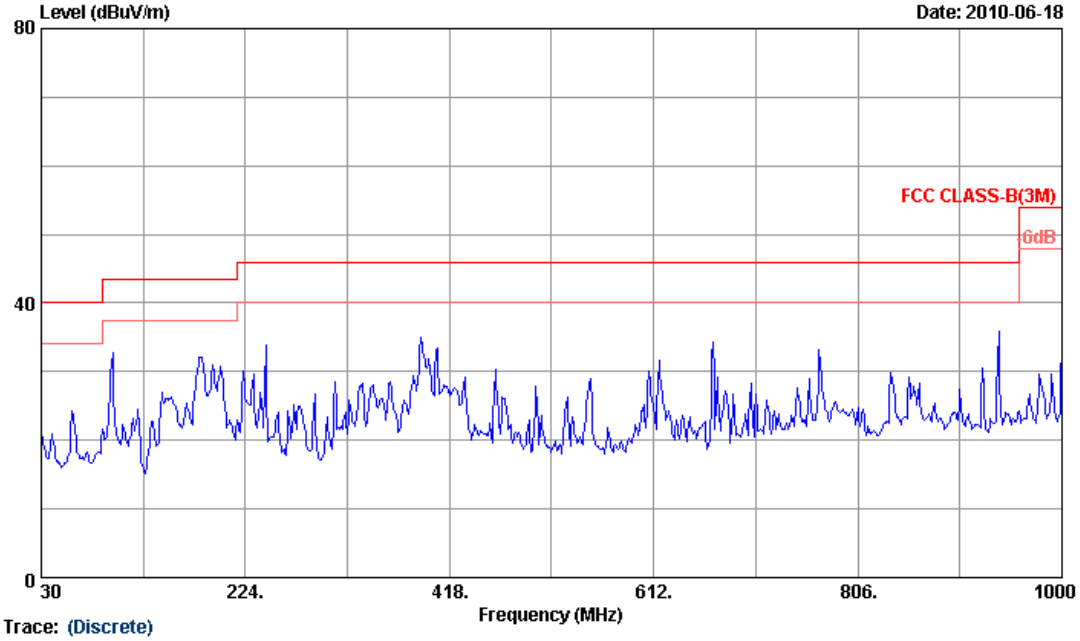
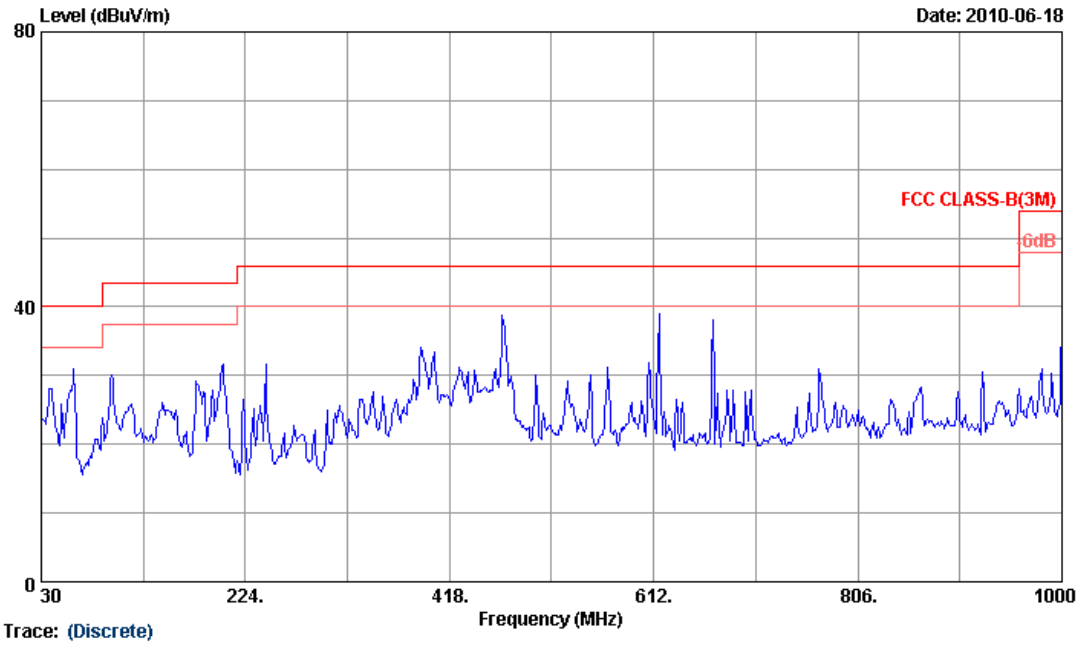
Data: 10 File: D:\2010 Report Data\J\JIEHE\ACS10Q0886R2.EM6 (60)



Trace: (Discrete)

Site no.	: 10m Chamber Test Site	Data No.	: 10
Dis. / Ant.	: 3m 10 CBL6112D 25238 3M	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B(3M)		
Env. / Ins.	: 24*C/56%	Engineer	: Chris
EUT	: Mini PC M/N:Giada Slim-N20		
Power Rating	: DC 19V Adapter Input AC 120V/60Hz		
Test Mode	: Running PC All Systems		
	: VGA+HDMI:1280*1024@75Hz		

Data: 9 File: D:\2010 Report Data\J\JIEHE\ACS10Q0886R2.EM6 (60)



Trace: (Discrete)

Site no.	: 10m Chamber Test Site	Data No.	: 9
Dis. / Ant.	: 3m 10 CBL6112D 25238 3M	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-B(3M)		
Env. / Ins.	: 24*C/56%	Engineer	: Chris
EUT	: Mini PC M/N:Giada Slim-N20		
Power Rating	: DC 19V Adapter Input AC 120V/60Hz		
Test Mode	: Running PC All Systems		
	: VGA+HDMI:1280*1024@75Hz		

No.6 Ke Feng Road,B1;ck 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495
Fax:+86-755-26632877
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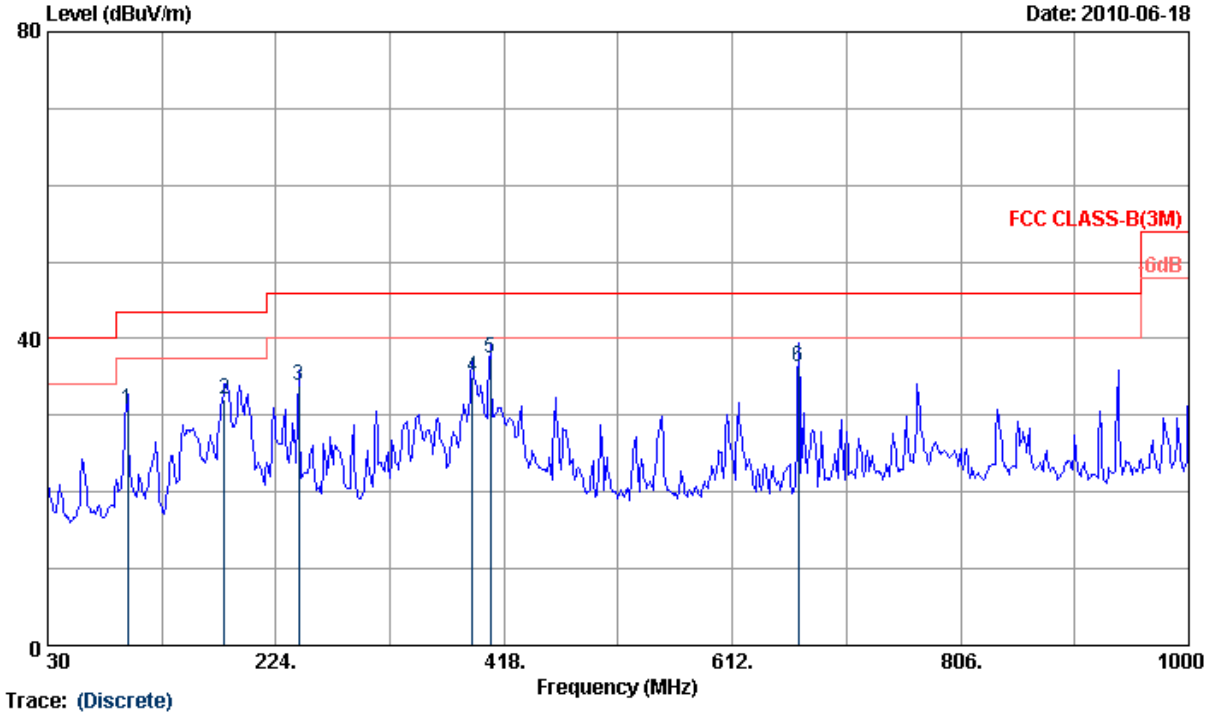
Data: 8 File: D:\2010 Report Data\J\JIEHE\ACS10Q0886R2.EM6 (60)



Trace: (Discrete)

Site no. : 10m Chamber Test Site Data No. : 8
Dis. / Ant. : 3m 10 CBL6112D 25238 3M Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B(3M)
Env. / Ins. : 24*C/56% Engineer : Chris
EUT : Mini PC M/N:Giada Slim-N20
Power Rating : DC 19V Adapter Input AC 120V/60Hz
Test Mode : Running PC All Systems
: VGA+HDMI:1920*1200@60Hz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level dBuV/m)	Limits (dBuV/m)	Magin (dB)	Remark
1	97.900	11.28	1.51	17.86	30.65	43.50	12.85	QP
2	180.350	9.90	1.97	20.19	32.06	43.50	11.44	QP
3	243.400	12.41	2.20	19.30	33.91	46.00	12.09	QP
4	390.840	16.15	2.68	16.23	35.06	46.00	10.94	QP
5	406.360	16.96	2.96	17.56	37.48	46.00	8.52	QP
6	668.260	19.58	3.85	12.94	36.37	46.00	9.63	QP

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

No.6 Ke Feng Road,B1;ck 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495
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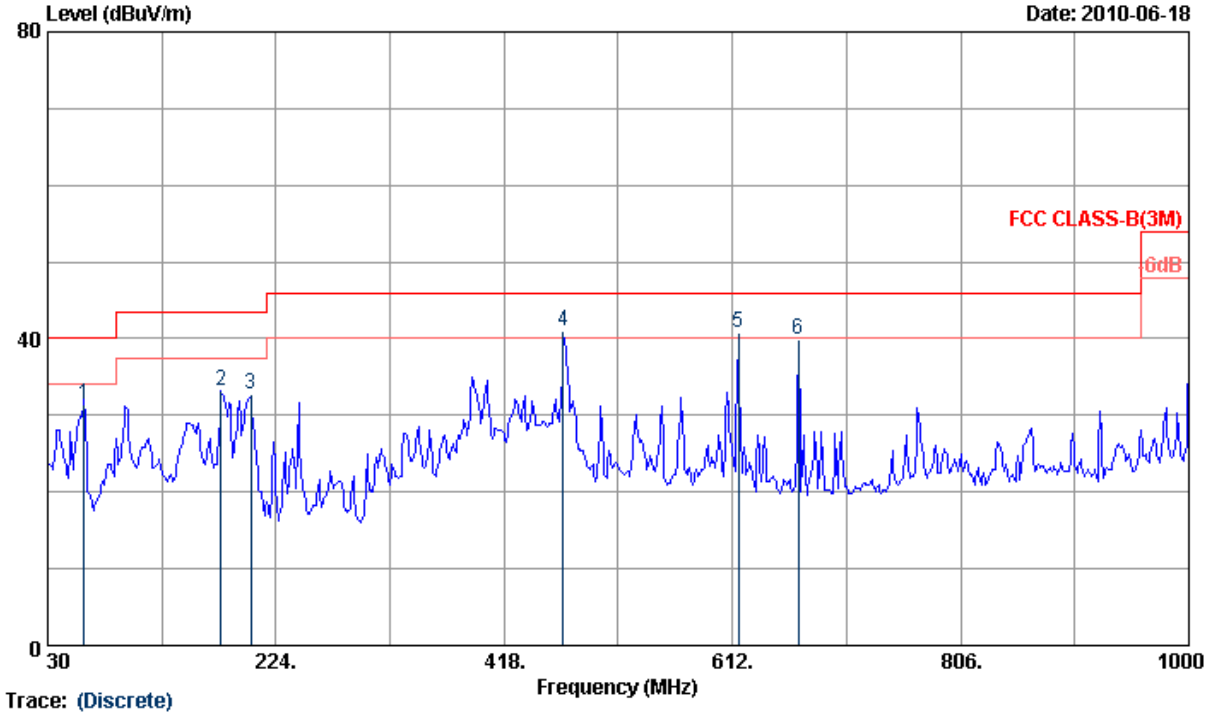
Data: 7 File: D:\2010 Report Data\J\JIEHE\ACS10Q0886R2.EM6 (60)



Trace: (Discrete)

Site no. : 10m Chamber Test Site Data No. : 7
Dis. / Ant. : 3m 10 CBL6112D 25238 3M Ant. pol. : VERTICAL
Limit : FCC CLASS-B(3M)
Env. / Ins. : 24*C/56% Engineer : Chris
EUT : Mini PC M/N:Giada Slim-N20
Power Rating : DC 19V Adapter Input AC 120V/60Hz
Test Mode : Running PC All Systems
: VGA+HDMI:1920*1200@60Hz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level dBuV/m)	Limits (dBuV/m)	Magin (dB)	Remark
1	61.040	6.52	1.35	23.53	31.40	40.00	8.60	QP
2	177.440	9.90	1.94	21.26	33.10	43.50	10.40	QP
3	202.660	10.10	2.03	20.54	32.67	43.50	10.83	QP
4	468.440	17.57	3.26	20.26	41.09	46.00	4.91	QP
5	616.850	19.24	3.75	17.82	40.81	46.00	5.19	QP
6	668.260	19.58	3.85	16.43	39.86	46.00	6.14	QP

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

Test Frequency: Above 1GHz

No.6 Ke Feng Road,B1;ck 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495
Fax:+86-755-26632877
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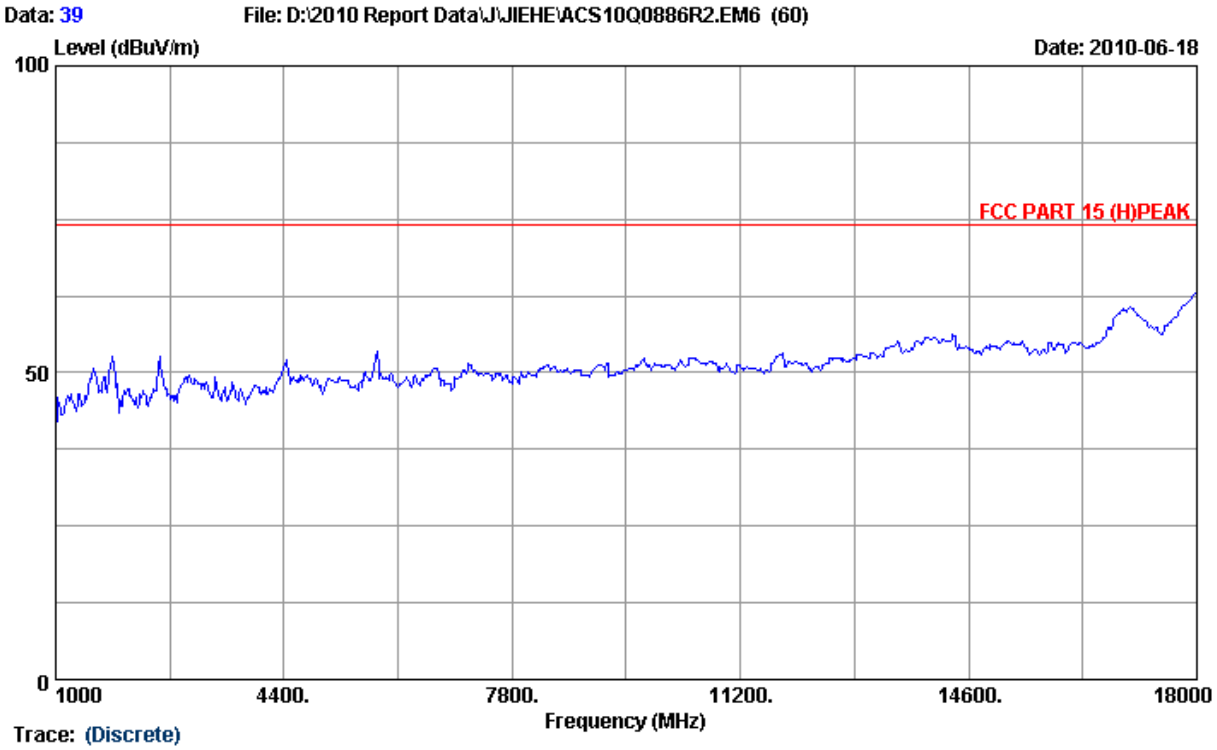

Trace: (Discrete)

Site no.	: 10m Chamber	Data No.	: 39
Dis. / Ant.	: 3m 2009 3115 ANT	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15 (H)PEAK		
Env. / Ins.	: 24*C/56%	Engineer	: Chris
EUT	: Mini PC M/N:Giada Slim-N20		
Power Rating	: DC 19V Adapter Input AC 120V/60Hz		
Test Mode	: Running PC All Systems		
	VGA+HDMI:1920*1200@60Hz		

No.6 Ke Feng Road,B1;ck 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495
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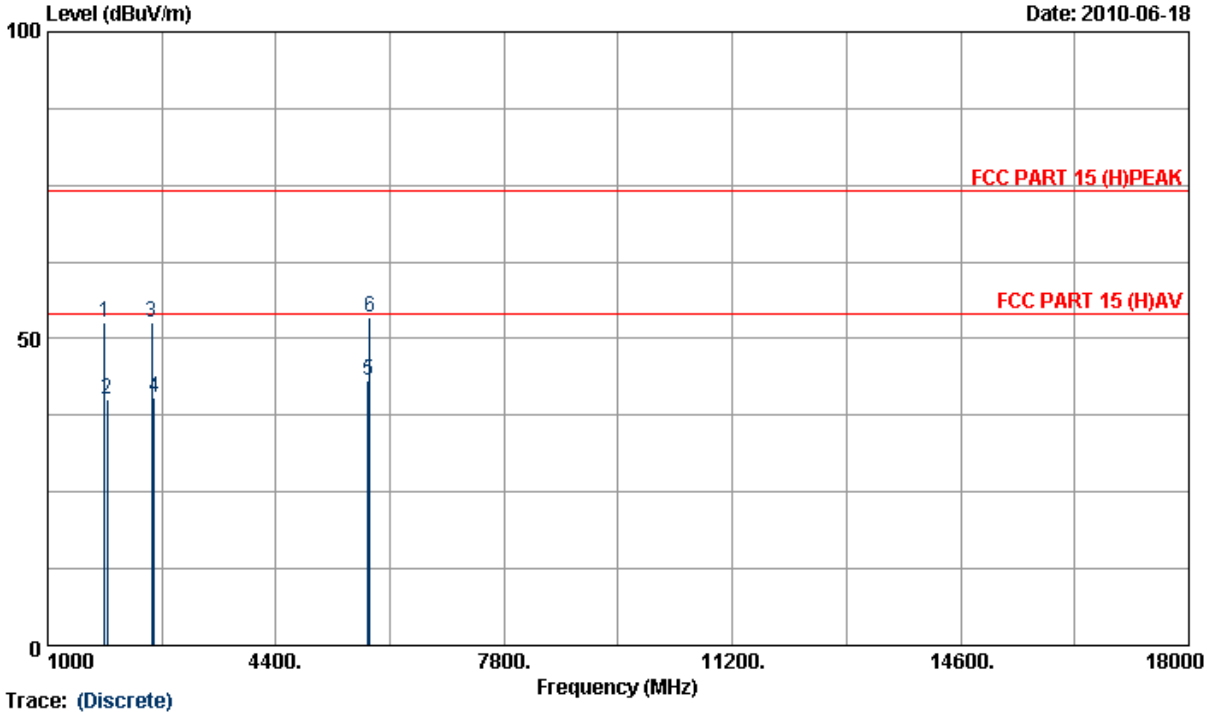

Trace: (Discrete)

Site no. : 10m Chamber Data No. : 40
Dis. / Ant. : 3m 2009 3115 ANT Ant. pol. : HORIZONTAL
Limit : FCC PART 15 (H)PEAK
Env. / Ins. : 24*C/56% Engineer : Chris
EUT : Mini PC M/N:Giada Slim-N20
Power Rating : DC 19V Adapter Input AC 120V/60Hz
Test Mode : Running PC All Systems
VGA+HDMI:1366*768@60Hz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1850.165	25.97	5.12	36.79	58.38	52.68	74.00	21.32	Peak
2	1884.132	26.04	5.17	36.77	45.76	40.20	54.00	13.80	Average
3	2547.224	29.46	6.08	36.59	53.57	52.52	74.00	21.48	Peak
4	2581.160	29.57	6.12	36.58	41.21	40.32	54.00	13.68	Average
5	5777.074	35.79	8.88	34.49	33.10	43.28	54.00	10.72	Average
6	5794.165	35.81	8.89	34.48	43.32	53.54	74.00	20.46	Peak

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

No.6 Ke Feng Road,B1;ck 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
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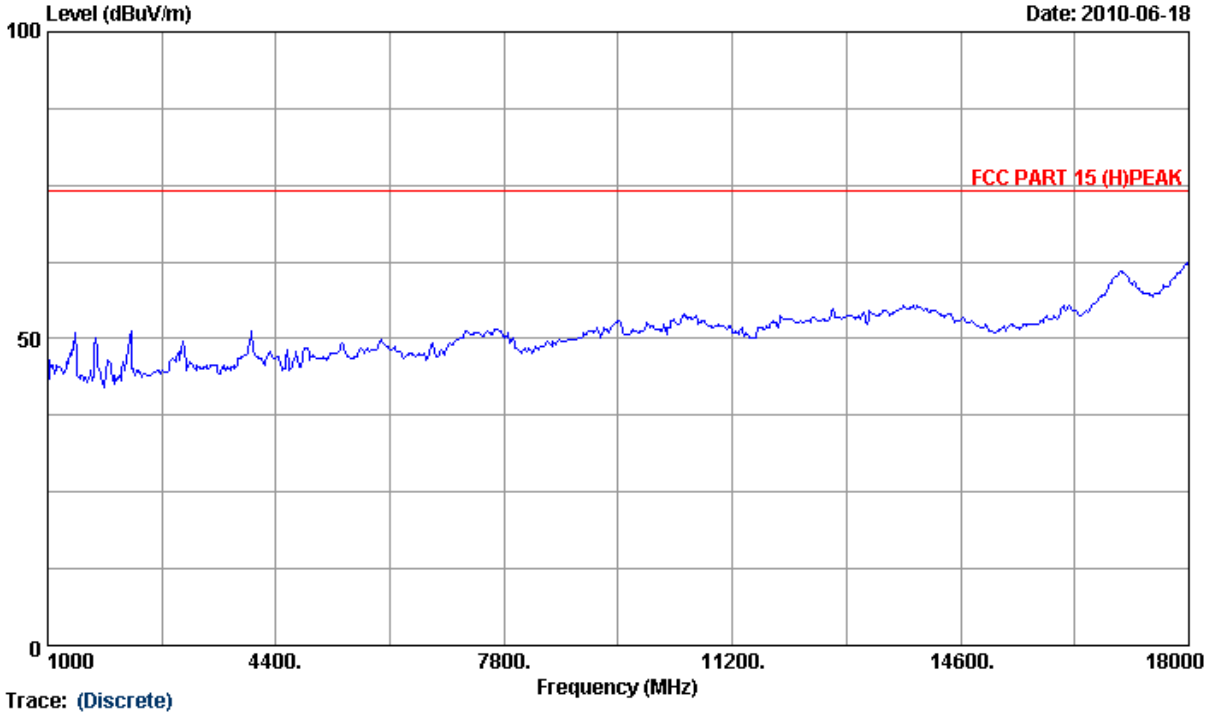

Trace: (Discrete)

Site no.	: 10m Chamber	Data No.	: 37
Dis. / Ant.	: 3m 2009 3115 ANT	Ant. pol.	: VERTICAL
Limit	: FCC PART 15 (H)PEAK		
Env. / Ins.	: 24*C/56%	Engineer	: Chris
EUT	: Mini PC M/N:Giada Slim-N20		
Power Rating	: DC 19V Adapter Input AC 120V/60Hz		
Test Mode	: Running PC All Systems		
	VGA+HDMI:1920*1200@60Hz		

No.6 Ke Feng Road,B1;ck 52,
ShenZhen Science & Industry Park
Noutou,ShenZhen,GuangDong,China
Tel:+86-755-26639495
Fax:+86-755-26632877
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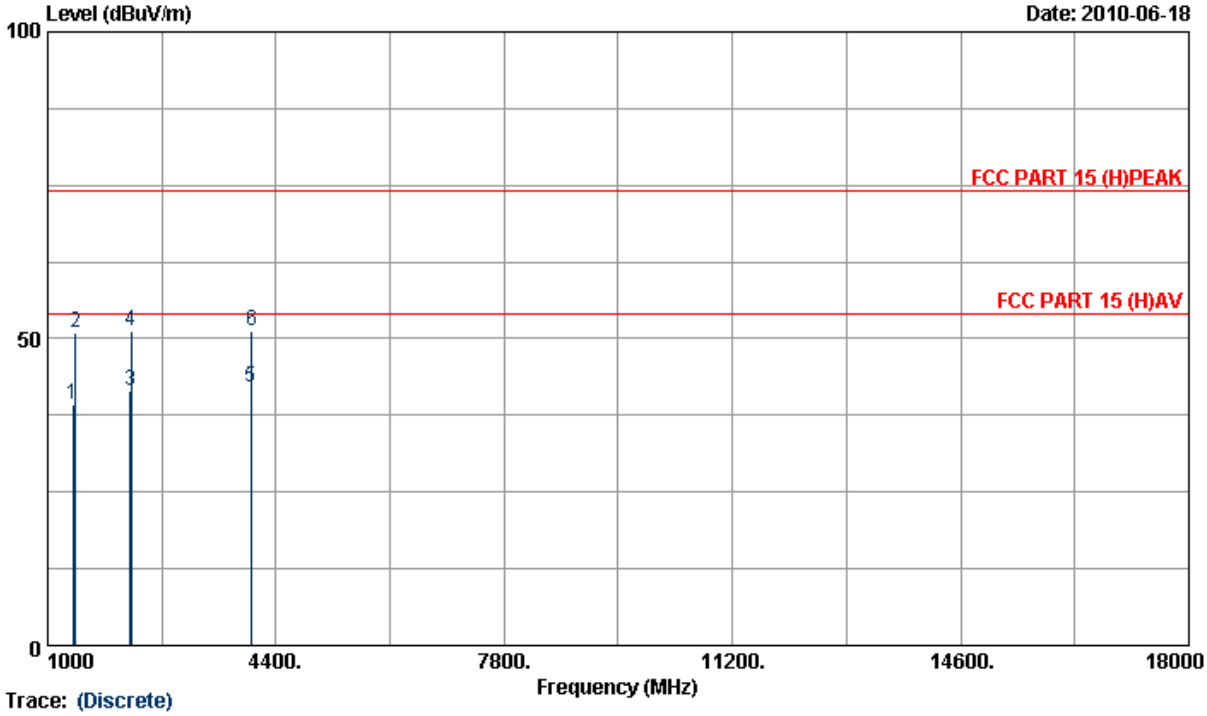

Trace: (Discrete)

Site no. : 10m Chamber Data No. : 38
Dis. / Ant. : 3m 2009 3115 ANT Ant. pol. : VERTICAL
Limit : FCC PART 15 (H)PEAK
Env. / Ins. : 24*C/56% Engineer : Chris
EUT : Mini PC M/N:Giada Slim-N20
Power Rating : DC 19V Adapter Input AC 120V/60Hz
Test Mode : Running PC All Systems
VGA+HDMI:1920*1200@60Hz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	1374.112	25.25	4.48	37.22	46.84	39.35	54.00	14.65	Average
2	1408.055	25.23	4.53	37.16	58.34	50.94	74.00	23.06	Peak
3	2224.315	27.64	5.63	36.66	44.78	41.39	54.00	12.61	Average
4	2241.165	27.75	5.66	36.65	54.54	51.30	74.00	22.70	Peak
5	4026.024	33.36	7.50	35.59	36.79	42.06	54.00	11.94	Average
6	4043.310	33.34	7.51	35.58	45.86	51.13	74.00	22.87	Peak

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

5. DEVIATION TO TEST SPECIFICATIONS

[NONE]