APPLICATION CERTIFICATION FCC Part 15B
On Behalf of
Cogent Systems Inc.

Mobile Ident Ⅲc
Model No.: MI3C

FCC ID: TLDMI3C

Prepared for	:	Cogent Systems Inc.
Address	:	Fiyta Hi-tech Building, Gaoxinnanyi Avenue, Southern District of Hi-tech Park, Nanshan District, Shenzhen China
Prepared by	:	ACCURATE TECHNOLOGY CO. LTD
Address	:	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China Tel: (0755) 26503290 Fax: (0755) 26503396

Report Number	:	ATE20091159-3
Date of Test	:	July 9-17, 2009
Date of Report	:	July 23, 2009

TABLE OF CONTENTS

Description Page

Test Report Certification

Applicant **:** Cogent Systems Inc.

Manufacturer **:** Cogent Systems Inc.

EUT Description **:** Mobile Ident IIIc

(A) MODEL NO.: MI3C

(B) SERIAL NO.: N/A

Measurement Procedure Used:

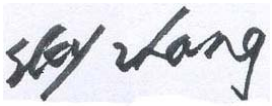
FCC Rules and Regulations Part 15 Subpart B
ANSI C63.4: 2003

The device described above is tested by ACCURATE TECHNOLOGY 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. The measurement results are contained in this test report and ACCURATE TECHNOLOGY CO. LTD is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of ACCURATE TECHNOLOGY CO. LTD.

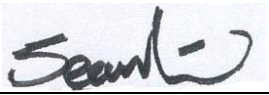
Date of Test : July 9-17, 2009

Prepared by :



(Engineer)

Approved & Authorized Signer :



(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	Mobile Ident IIIc
Model Number	:	Mi3c
Power Supply	:	DC 4.2V(Li-ion battery 1×) or DC 5V (Adapter input)
Adapter	:	Model: DSA-30W-05 US 050200 Input: 100-240V, 50/60Hz, 0.8A Output: DC 5V, 4A Output line: Non-shielded, non-detachable, 1.0m with three ferrite cores
USB Cable	:	Shielded, Detachable, 1.0m with three ferrite cores
Applicant	:	Cogent Systems Inc.
Address	:	Fiyta Hi-tech Building, Gaoxinnanyi Avenue, Southern District of Hi-tech Park, Nanshan District, Shenzhen China
Manufacturer	:	Cogent Systems Inc.
Address	:	Fiyta Hi-tech Building, Gaoxinnanyi Avenue, Southern District of Hi-tech Park, Nanshan District, Shenzhen China
Date of sample received	:	July 7, 2009
Date of Test	:	July 9-17, 2009

1.2.Description of Test Facility

EMC Lab	:	Accredited by TUV Rheinland Shenzhen Listed by FCC The Registration Number is 752051 Listed by Industry Canada The Registration Number is 5077A-2 Accredited by China National Accreditation Committee for Laboratories The Certificate Registration Number is L3193
Name of Firm	:	ACCURATE TECHNOLOGY CO. LTD
Site Location	:	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China

1.3.Measurement Uncertainty

Conducted Emission Expanded Uncertainty	=	2.23dB, k=2
Radiated emission expanded uncertainty (9kHz-30MHz)	=	3.08dB, k=2
Radiated emission expanded uncertainty (30MHz-1000MHz)	=	4.42dB, k=2
Radiated emission expanded uncertainty (Above 1GHz)	=	4.06dB, k=2

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	03.28.2010
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	03.28.2010
Spectrum Analyzer	Agilent	E7405A	MY45115511	03.28.2010
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	03.30.2010
Loop Antenna	Schwarzbeck	FMZB1516	1516131	03.28.2010
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	03.28.2010
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	12.19.2009
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	10.09.2009
LISN	Rohde&Schwarz	ESH3-Z5	100305	03.28.2010
LISN	Schwarzbeck	NSLK8126	8126431	03.28.2010

3. OPERATION OF EUT DURING TESTING

3.1.Operating Mode

The mode is used: Connect to PC
Finger Camera
Facial Camera
Barcode
IC Card
Swipe Card

3.2.Configuration and peripherals

AC 120V/60Hz

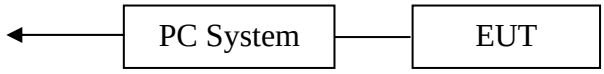


Figure 1 Setup: Connect to PC

AC 120V/60Hz

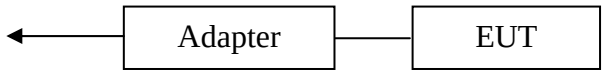


Figure 2 Setup: Finger Camera, Facial Camera, Barcode, IC Card, Swipe Card

(EUT: Mobile Ident ⅢIc)

4. TEST PROCEDURES AND RESULTS

FCC Rules	Description of Test	Result
Section 15.107	Conducted Emission Test	Compliant
Section 15.109	Radiated Emission Test	Compliant

5. CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.107(A)

5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators

AC 120V/60Hz

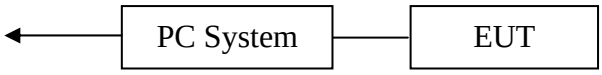


Figure 1 Setup: Connect to PC

AC 120V/60Hz

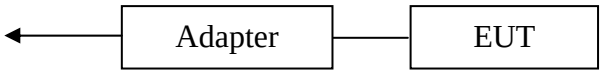
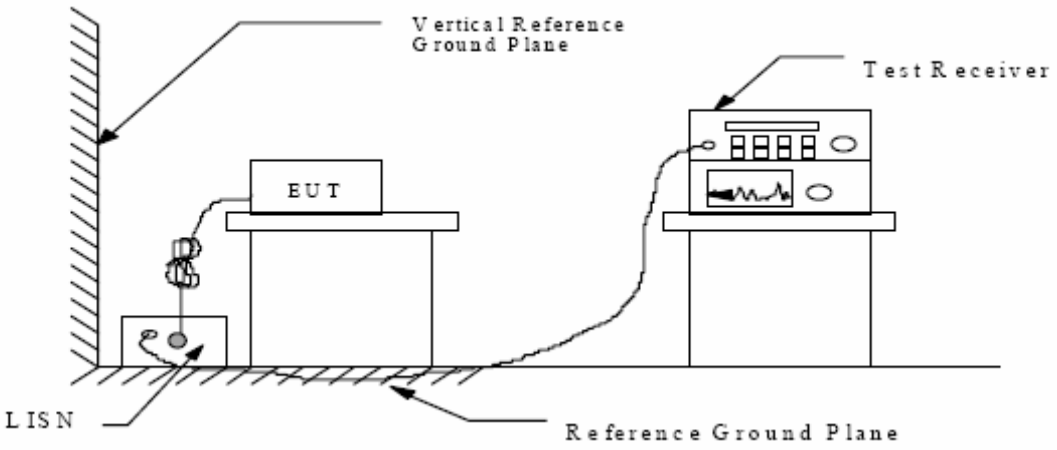


Figure 2 Setup: Finger Camera, Facial Camera, Barcode, IC Card, Swipe Card

(EUT: Mobile Ident Ⅲc)

5.1.2.Shielding Room Test Setup Diagram



(EUT: Mobile Ident Ⅲc)

5.2.The Emission Limit

5.2.1.Conducted Emission Measurement Limits According to Section 15.107(a)

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

5.3.Configuration of EUT on Measurement

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

5.3.1.Mobile Ident IIIc (EUT)

Model Number **:** MI3C
Serial Number **:** N/A
Manufacturer **:** Cogent Systems Inc.

5.4.Operating Condition of EUT

5.4.1.Setup the EUT and simulator as shown as Section 5.1.

5.4.2.Turn on the power of all equipment.

5.4.3.Let the EUT work in Connect to PC, Finger Camera, Facial Camera, Barcode, IC Card and Swipe Card modes measure it.

5.5.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines 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: 2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

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

5.6.Power Line Conducted Emission Measurement Results

PASS.

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

Date of Test:	July 15, 2009	Temperature:	25°C
EUT:	Mobile Ident Ⅲc	Humidity:	50%
			Connect to PC use USB terminal
Model No.:	MI3C	Power Supply:	PC power: AC 120V/60Hz
Test Mode:	Connect to PC	Test Engineer:	Joe

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.190505	45.60	64	-18.4	QP	Neutral
0.838622	36.80	56	-19.2	QP	
0.879689	37.00	56	-19.0	QP	
0.190505	38.80	54	-15.2	AV	
0.572085	30.80	46	-15.2	AV	
1.259080	26.20	46	-19.8	AV	
0.188993	45.00	64	-19.1	QP	Live
0.515791	38.00	56	-18.0	QP	
0.879689	37.00	56	-19.0	QP	
0.188993	37.50	54	-16.6	AV	
0.532495	30.10	46	-15.9	AV	
0.572085	30.60	46	-15.4	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	July 15, 2009	Temperature:	25°C
EUT:	Mobile Ident IIIc	Humidity:	50%
Model No.:	MI3C	Power Supply:	AC 120V/60Hz
Test Mode:	Finger Camera	Test Engineer:	Joe

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.177000	40.90	65.	-23.7	QP	Neutral
0.253500	35.00	62	-26.6	QP	
0.388500	35.90	58	-22.2	QP	
0.258000	29.50	52	-22.0	AV	
0.303000	28.30	50	-21.9	AV	
0.388500	25.60	48	-22.5	AV	
0.172500	42.90	65	-21.9	QP	Live
0.262500	40.60	61	-20.8	QP	
0.393000	36.90	58	-21.1	QP	
0.262500	33.80	51	-17.6	AV	
0.348000	29.30	49	-19.7	AV	
0.393000	29.60	48	-18.4	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	July 15, 2009	Temperature:	25°C
EUT:	Mobile Ident IIIc	Humidity:	50%
Model No.:	MI3C	Power Supply:	AC 120V/60Hz
Test Mode:	Facial Camera	Test Engineer:	Joe

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.172500	44.10	65	-20.7	QP	Neutral
0.258000	38.60	62	-22.9	QP	
0.388500	33.80	58	-24.3	QP	
0.172500	21.90	55	-32.9	AV	
0.276000	28.10	51	-22.8	AV	
0.388500	20.90	48	-27.2	AV	
0.150000	36.20	66	-29.8	QP	Live
0.280500	39.90	61	-20.9	QP	
0.397500	33.90	58	-24.0	QP	
0.172500	25.80	55	-29.0	AV	
0.280500	31.20	51	-19.6	AV	
0.397500	25.70	48	-22.2	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	July 15, 2009	Temperature:	25°C
EUT:	Mobile Ident IIIc	Humidity:	50%
Model No.:	MI3C	Power Supply:	AC 120V/60Hz
Test Mode:	Barcode	Test Engineer:	Joe

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.222000	34.80	63	-27.9	QP	Neutral
0.289500	40.50	61	-20.0	QP	
0.343500	38.20	59	-20.9	QP	
0.244500	27.60	52	-24.3	AV	
0.294000	29.80	50	-20.6	AV	
0.343500	27.00	49	-22.1	AV	
0.154500	40.50	66	-25.3	QP	Live
0.289500	40.80	61	-19.7	QP	
0.343500	39.00	59	-20.1	QP	
0.195000	32.40	54	-21.4	AV	
0.294000	32.60	50	-17.8	AV	
0.343500	29.70	49	-19.4	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	July 15, 2009	Temperature:	25°C
EUT:	Mobile Ident IIIc	Humidity:	50%
Model No.:	MI3C	Power Supply:	AC 120V/60Hz
Test Mode:	IC Card	Test Engineer:	Joe

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.154500	38.60	66	-27.2	QP	Neutral
0.262500	37.40	61	-24.0	QP	
0.393000	32.80	58	-25.2	QP	
0.172500	27.00	55	-27.8	AV	
0.258000	25.40	52	-26.1	AV	
0.298500	24.80	50	-25.5	AV	
0.159000	39.10	66	-26.4	QP	Live
0.267000	38.70	61	-22.5	QP	
0.420000	32.60	57	-24.8	QP	
0.190500	27.80	54	-26.2	AV	
0.258000	27.50	52	-24.0	AV	
0.294000	29.10	50	-21.3	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	July 15, 2009	Temperature:	25°C
EUT:	Mobile Ident IIIc	Humidity:	50%
Model No.:	MI3C	Power Supply:	AC 120V/60Hz
Test Mode:	Swipe Card	Test Engineer:	Joe

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.195000	40.40	64	-23.4	QP	Neutral
0.276000	41.00	61	-19.9	QP	
0.388500	34.60	58	-23.5	QP	
0.271500	31.60	51	-19.5	AV	
0.388500	25.10	48	-23.0	AV	
0.433500	20.30	47	-26.9	AV	
0.159000	41.10	66	-24.4	QP	Live
0.276000	41.90	61	-19.0	QP	
0.429000	34.50	57	-22.8	QP	
0.195000	31.50	54	-22.3	AV	
0.276000	35.20	51	-15.7	AV	
0.393000	28.10	48	-19.9	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

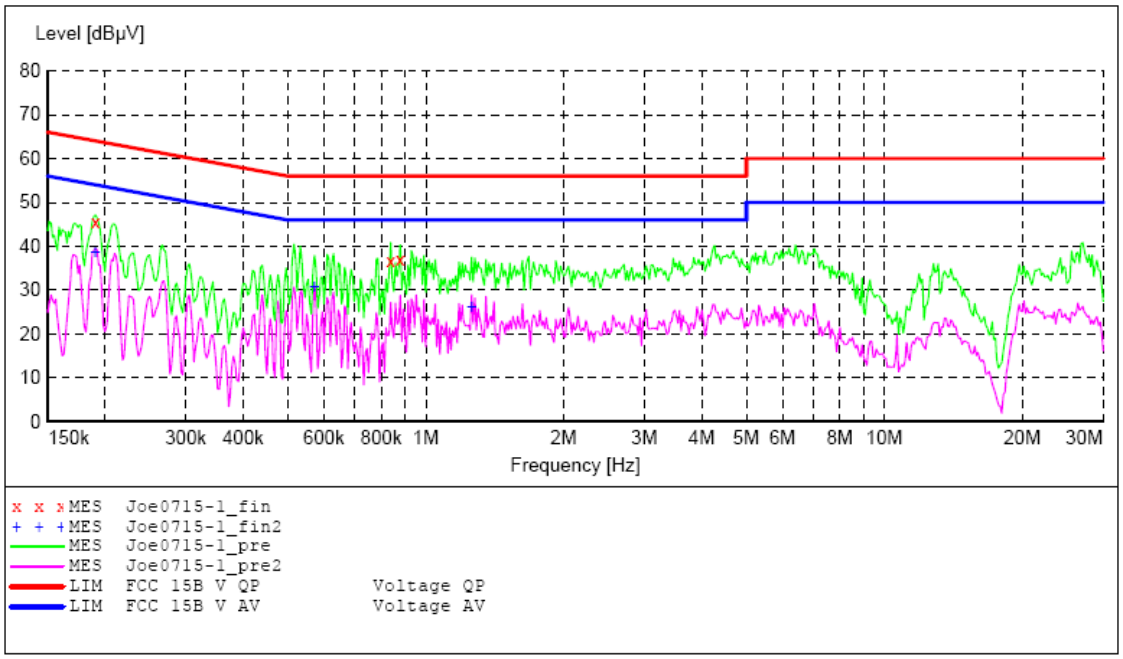
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  Connect to PC
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Va 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 9:50:57AM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:          _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe0715-1_fin"

7/15/2009 9:52AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.190505	45.60	11.2	64	18.4	QP	N	GND
0.838622	36.80	11.9	56	19.2	QP	N	GND
0.879689	37.00	11.9	56	19.0	QP	N	GND

MEASUREMENT RESULT: "Joe0715-1_fin2"

7/15/2009 9:52AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.190505	38.80	11.2	54	15.2	AV	N	GND
0.572085	30.80	12.0	46	15.2	AV	N	GND
1.259080	26.20	11.8	46	19.8	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

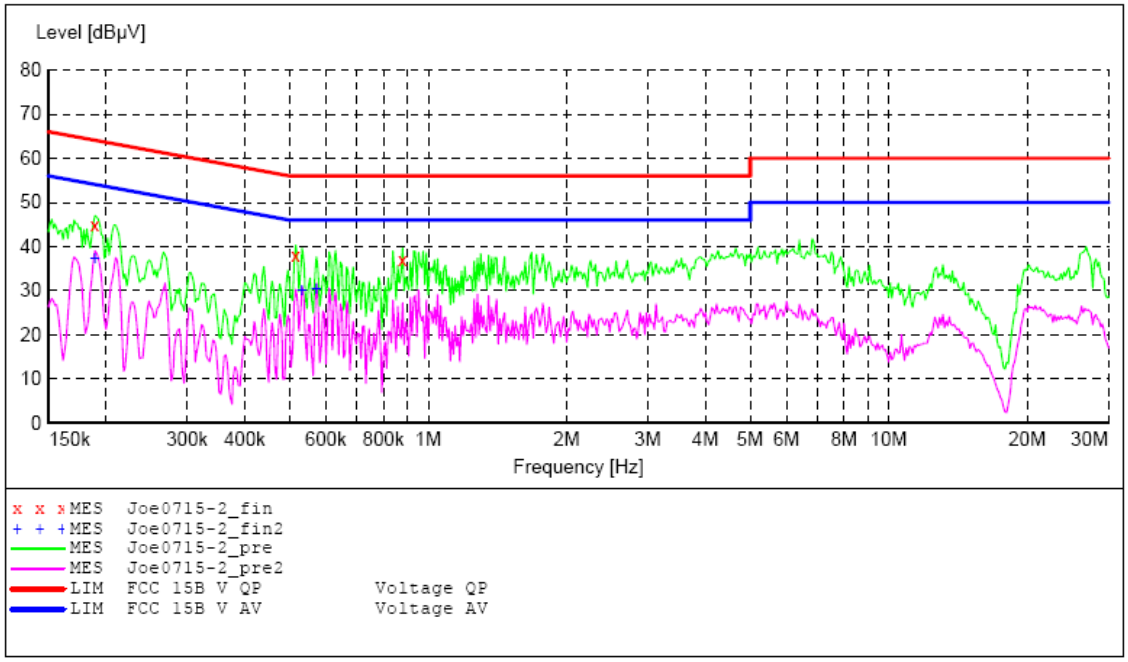
CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  Connect to PC
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Vb 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 9:54:11AM
```

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "Joe0715-2_fin"

7/15/2009 9:56AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.188993	45.00	11.2	64	19.1	QP	L1	GND
0.515791	38.00	12.0	56	18.0	QP	L1	GND
0.879689	37.00	11.9	56	19.0	QP	L1	GND

MEASUREMENT RESULT: "Joe0715-2_fin2"

7/15/2009 9:56AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.188993	37.50	11.2	54	16.6	AV	L1	GND
0.532495	30.10	12.0	46	15.9	AV	L1	GND
0.572085	30.60	12.0	46	15.4	AV	L1	GND

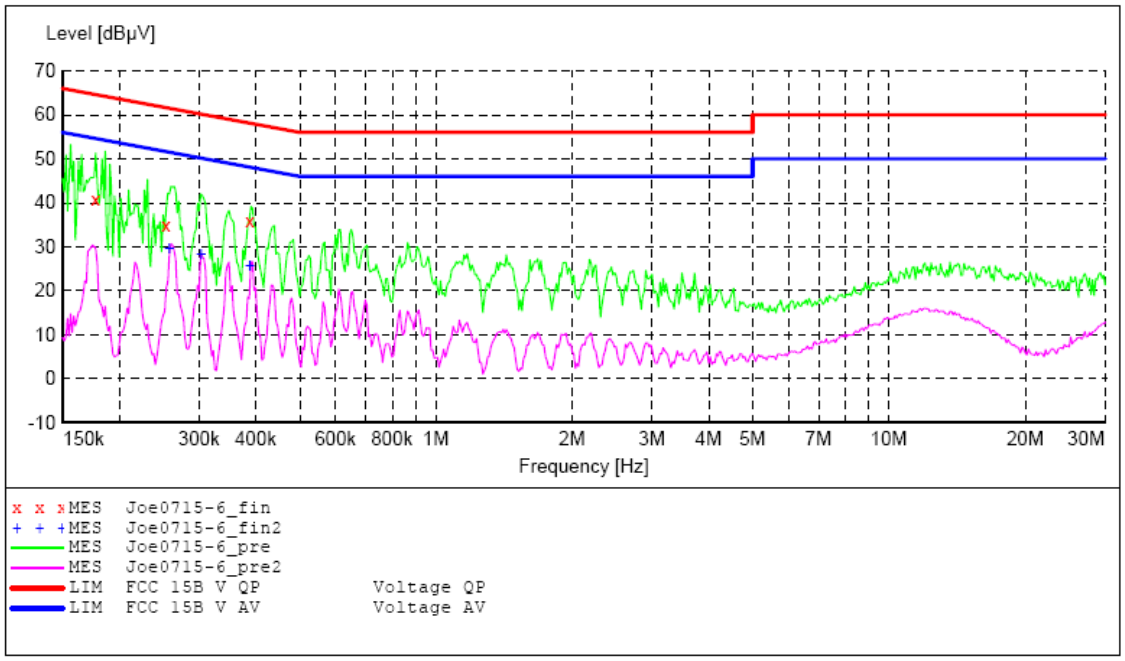
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  Finger Camera
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Va 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 10:42:03AM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:              _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe0715-6_fin"

7/15/2009 10:44AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.177000	40.90	11.1	65	23.7	QP	N	GND
0.253500	35.00	11.4	62	26.6	QP	N	GND
0.388500	35.90	11.8	58	22.2	QP	N	GND

MEASUREMENT RESULT: "Joe0715-6_fin2"

7/15/2009 10:44AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.258000	29.50	11.5	52	22.0	AV	N	GND
0.303000	28.30	11.6	50	21.9	AV	N	GND
0.388500	25.60	11.8	48	22.5	AV	N	GND

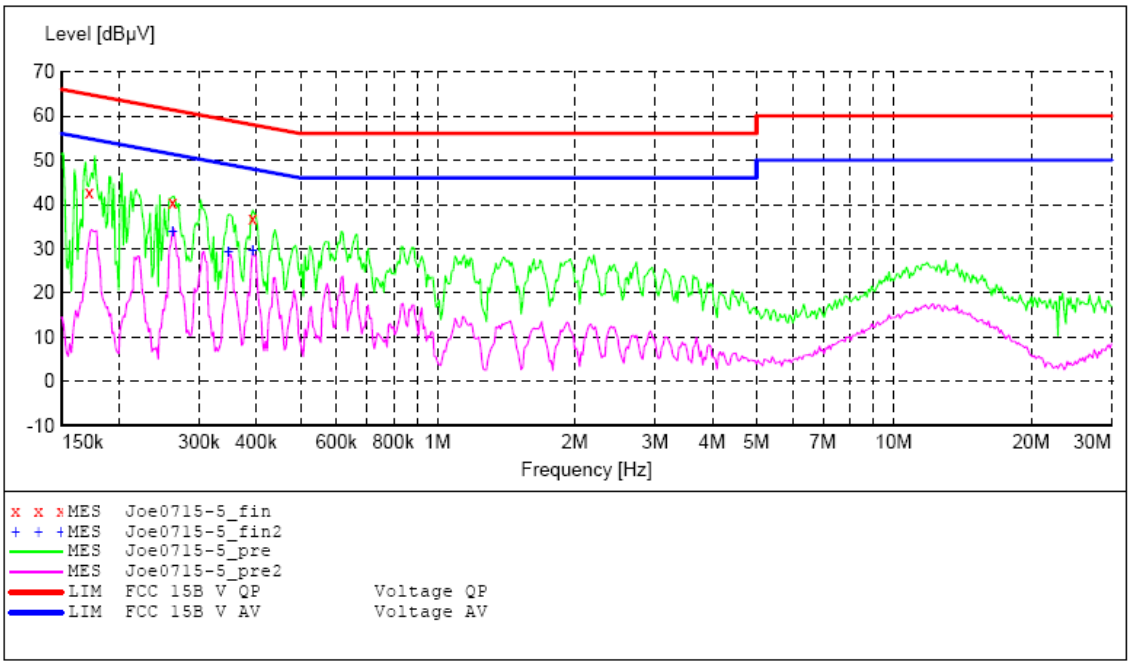
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  Finger Camera
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Vb 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 10:34:29AM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:              _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF      Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz   NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe0715-5_fin"

7/15/2009 10:36AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.172500	42.90	11.1	65	21.9	QP	L1	GND
0.262500	40.60	11.5	61	20.8	QP	L1	GND
0.393000	36.90	11.8	58	21.1	QP	L1	GND

MEASUREMENT RESULT: "Joe0715-5_fin2"

7/15/2009 10:36AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.262500	33.80	11.5	51	17.6	AV	L1	GND
0.348000	29.30	11.7	49	19.7	AV	L1	GND
0.393000	29.60	11.8	48	18.4	AV	L1	GND

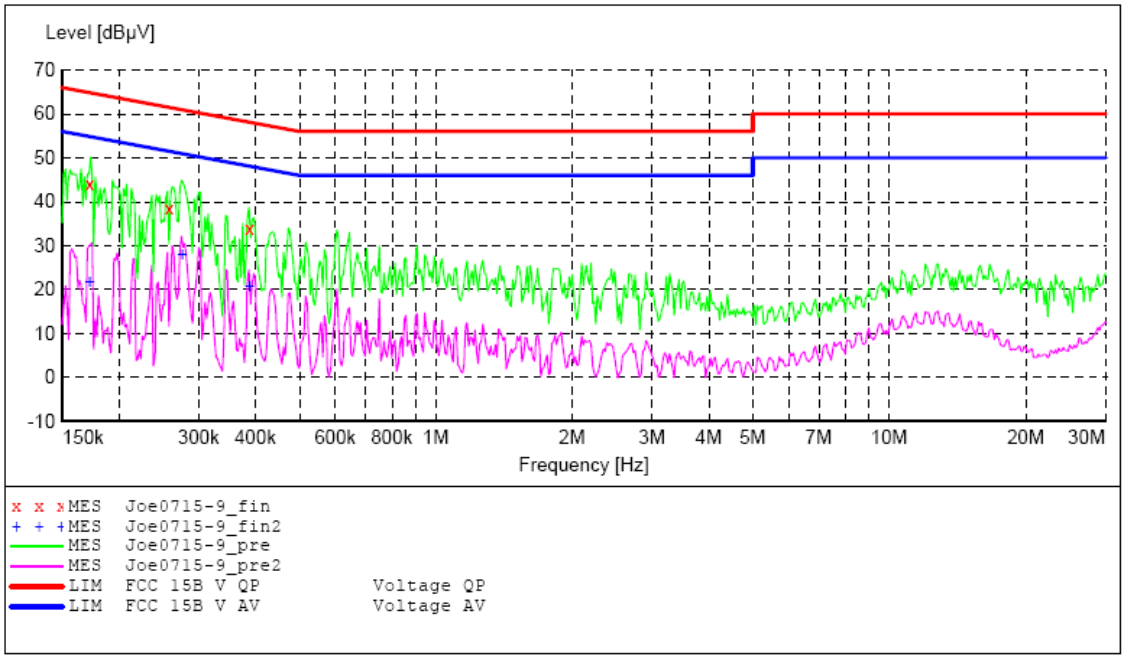
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  Facial Camera
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Va 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 12:46:59PM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:              _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF      Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz   NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe0715-9_fin"

7/15/2009 12:49PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.172500	44.10	11.1	65	20.7	QP	N	GND
0.258000	38.60	11.5	62	22.9	QP	N	GND
0.388500	33.80	11.8	58	24.3	QP	N	GND

MEASUREMENT RESULT: "Joe0715-9_fin2"

7/15/2009 12:49PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.172500	21.90	11.1	55	32.9	AV	N	GND
0.276000	28.10	11.5	51	22.8	AV	N	GND
0.388500	20.90	11.8	48	27.2	AV	N	GND

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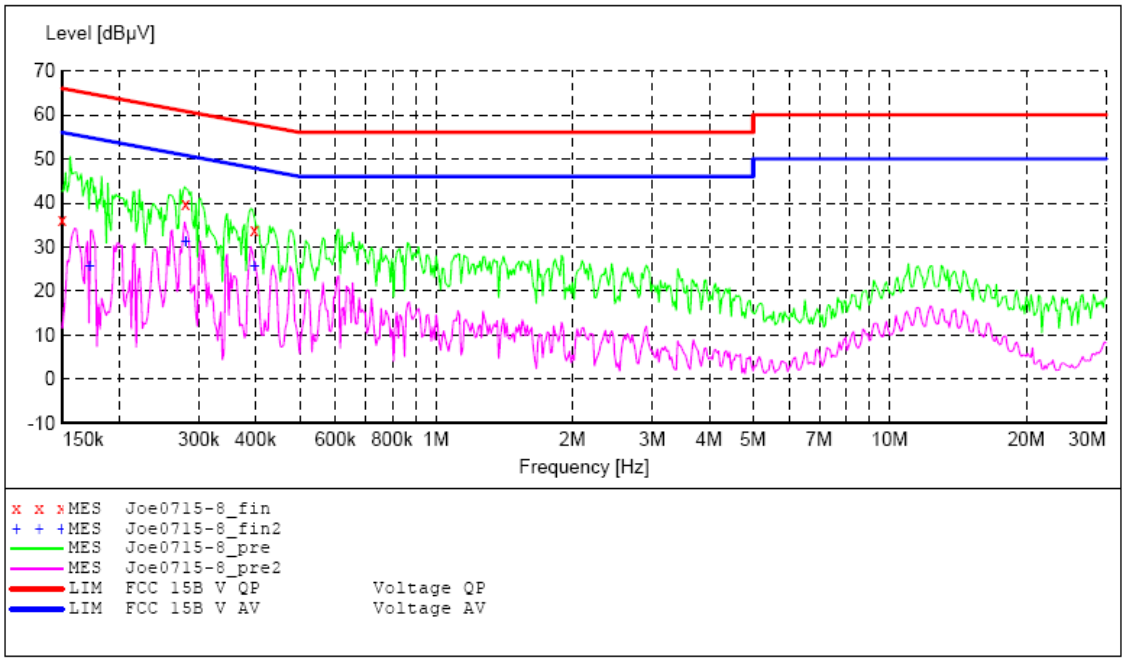
CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  Facial Camera
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Vb 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 12:42:35PM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:            _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF      Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz   NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe0715-8_fin"

7/15/2009 12:46PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	36.20	11.0	66	29.8	QP	L1	GND
0.280500	39.90	11.5	61	20.9	QP	L1	GND
0.397500	33.90	11.8	58	24.0	QP	L1	GND

MEASUREMENT RESULT: "Joe0715-8_fin2"

7/15/2009 12:46PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.172500	25.80	11.1	55	29.0	AV	L1	GND
0.280500	31.20	11.5	51	19.6	AV	L1	GND
0.397500	25.70	11.8	48	22.2	AV	L1	GND

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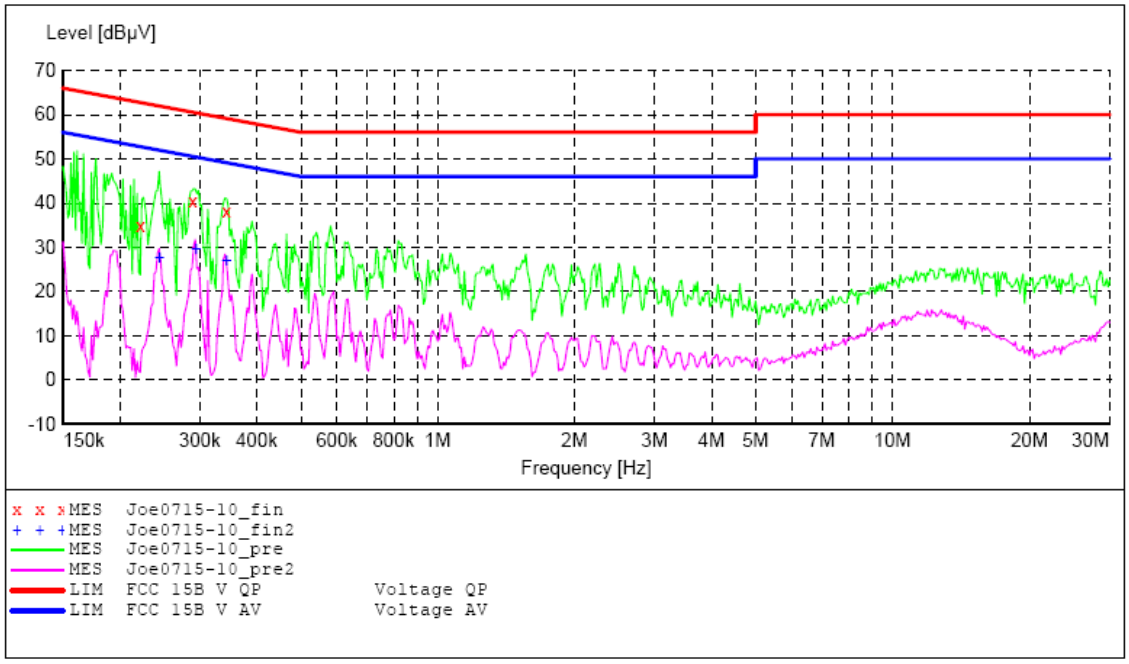
CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  Barcode
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Va 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 12:50:25PM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:              _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF      Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz   NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe0715-10_fin"

7/15/2009 12:53PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.222000	34.80	11.3	63	27.9	QP	N	GND
0.289500	40.50	11.5	61	20.0	QP	N	GND
0.343500	38.20	11.7	59	20.9	QP	N	GND

MEASUREMENT RESULT: "Joe0715-10_fin2"

7/15/2009 12:53PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.244500	27.60	11.4	52	24.3	AV	N	GND
0.294000	29.80	11.6	50	20.6	AV	N	GND
0.343500	27.00	11.7	49	22.1	AV	N	GND

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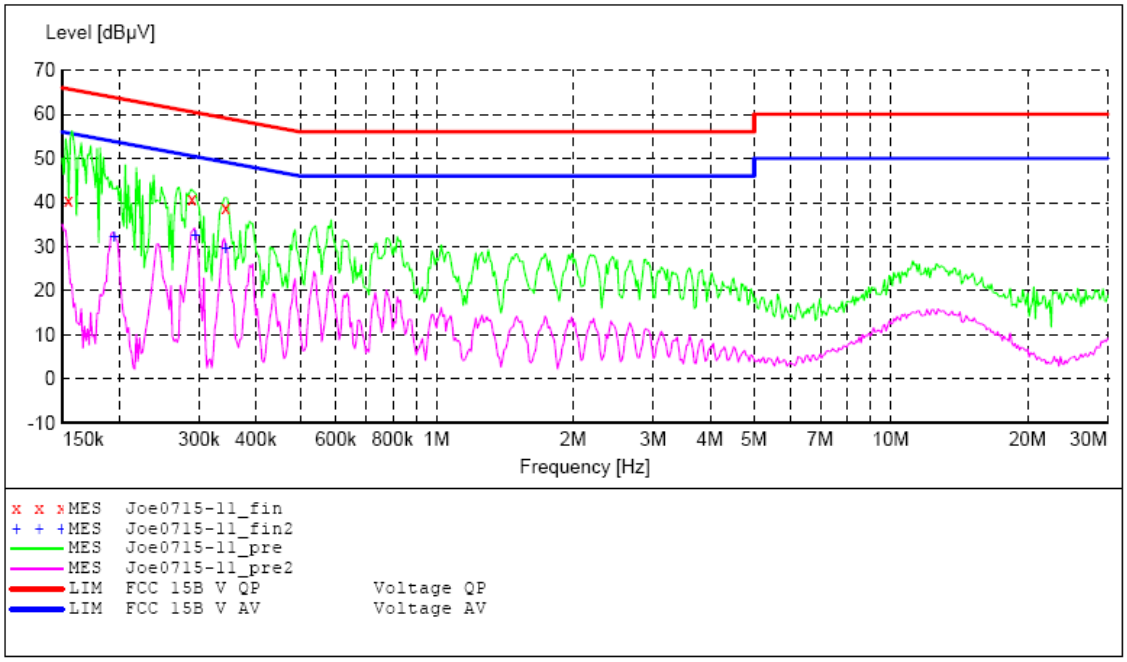
CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  Barcode
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Vb 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 12:54:45PM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:              _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF      Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz   NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe0715-11_fin"

7/15/2009 12:57PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.154500	40.50	11.0	66	25.3	QP	L1	GND
0.289500	40.80	11.5	61	19.7	QP	L1	GND
0.343500	39.00	11.7	59	20.1	QP	L1	GND

MEASUREMENT RESULT: "Joe0715-11_fin2"

7/15/2009 12:57PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.195000	32.40	11.2	54	21.4	AV	L1	GND
0.294000	32.60	11.6	50	17.8	AV	L1	GND
0.343500	29.70	11.7	49	19.4	AV	L1	GND

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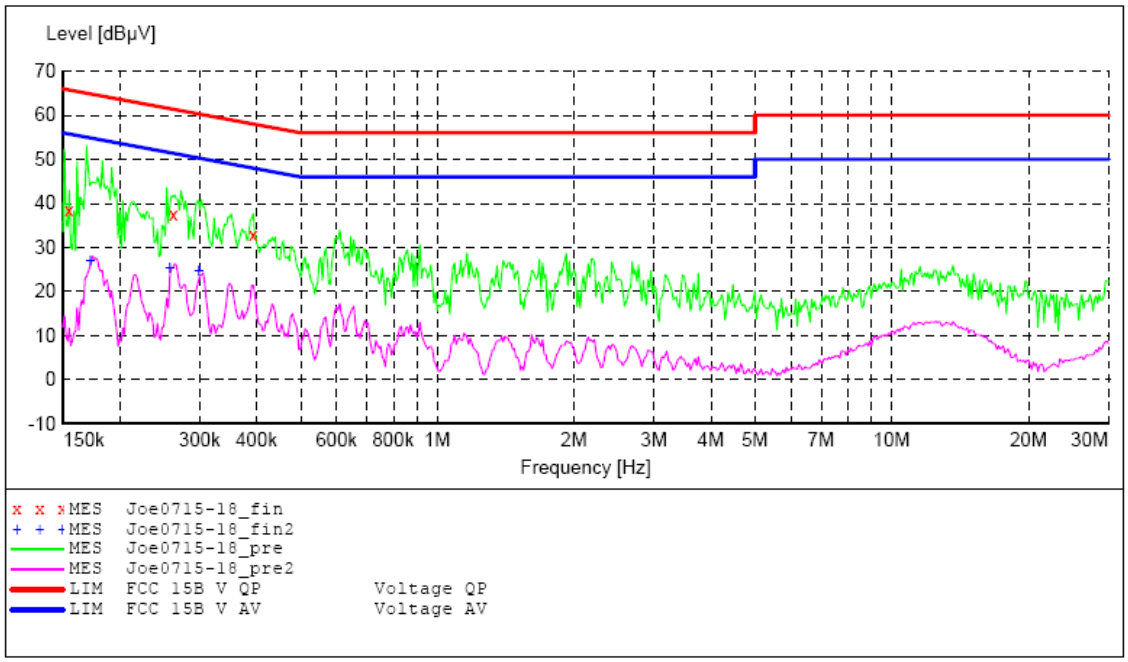
CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  IC Card
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Va 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 1:46:09PM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:           _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF      Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz   NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe0715-18_fin"

7/15/2009 1:48PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.154500	38.60	11.0	66	27.2	QP	N	GND
0.262500	37.40	11.5	61	24.0	QP	N	GND
0.393000	32.80	11.8	58	25.2	QP	N	GND

MEASUREMENT RESULT: "Joe0715-18_fin2"

7/15/2009 1:48PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.172500	27.00	11.1	55	27.8	AV	N	GND
0.258000	25.40	11.5	52	26.1	AV	N	GND
0.298500	24.80	11.6	50	25.5	AV	N	GND

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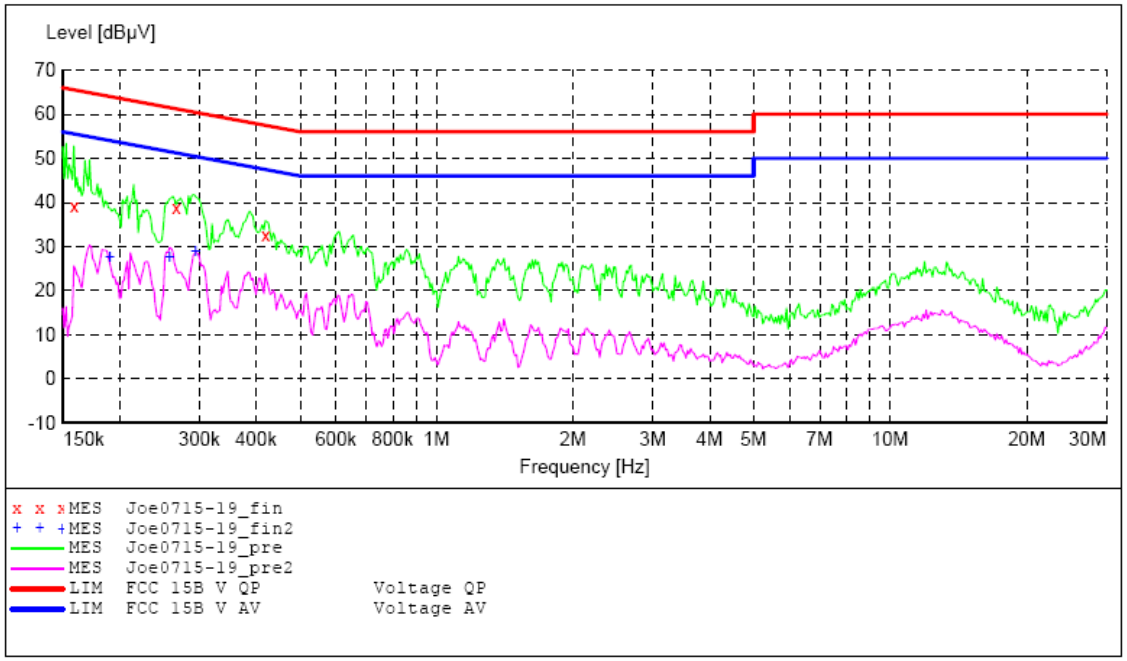
CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  IC Card
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Vb 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 1:50:10PM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:            _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF      Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz   NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe0715-19_fin"

7/15/2009 1:53PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.159000	39.10	11.0	66	26.4	QP	L1	GND
0.267000	38.70	11.5	61	22.5	QP	L1	GND
0.420000	32.60	11.9	57	24.8	QP	L1	GND

MEASUREMENT RESULT: "Joe0715-19_fin2"

7/15/2009 1:53PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.190500	27.80	11.2	54	26.2	AV	L1	GND
0.258000	27.50	11.5	52	24.0	AV	L1	GND
0.294000	29.10	11.6	50	21.3	AV	L1	GND

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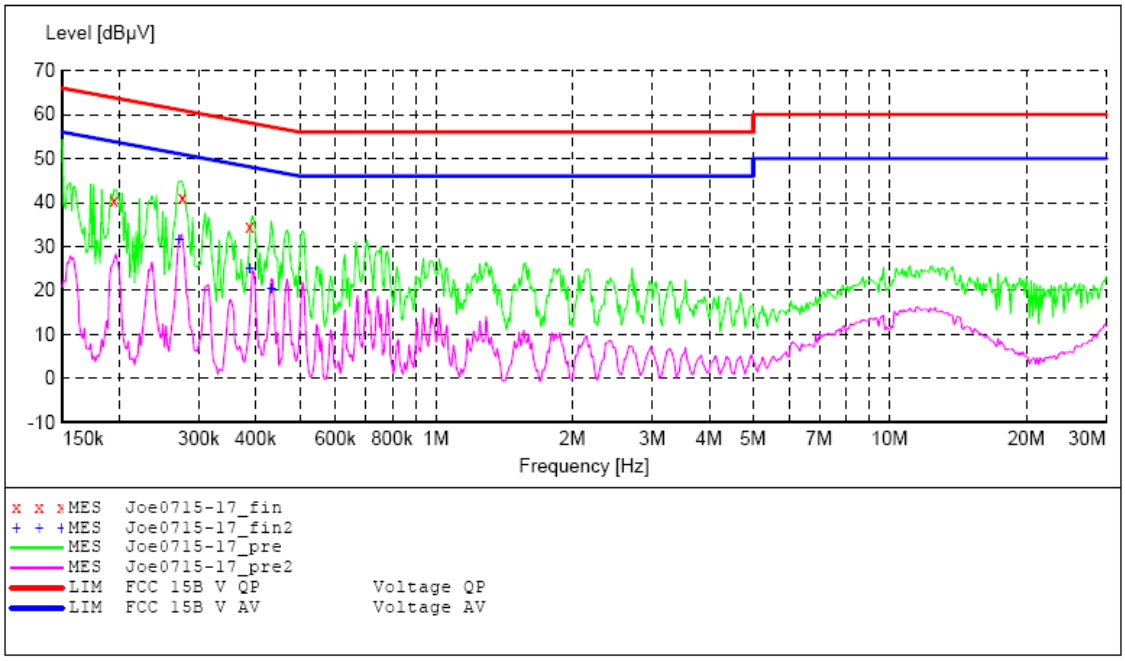
CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  Swipe Card
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Va 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 1:31:52PM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:              _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF      Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz   NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe0715-17_fin"

7/15/2009 1:33PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.195000	40.40	11.2	64	23.4	QP	N	GND
0.276000	41.00	11.5	61	19.9	QP	N	GND
0.388500	34.60	11.8	58	23.5	QP	N	GND

MEASUREMENT RESULT: "Joe0715-17_fin2"

7/15/2009 1:33PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.271500	31.60	11.5	51	19.5	AV	N	GND
0.388500	25.10	11.8	48	23.0	AV	N	GND
0.433500	20.30	11.9	47	26.9	AV	N	GND

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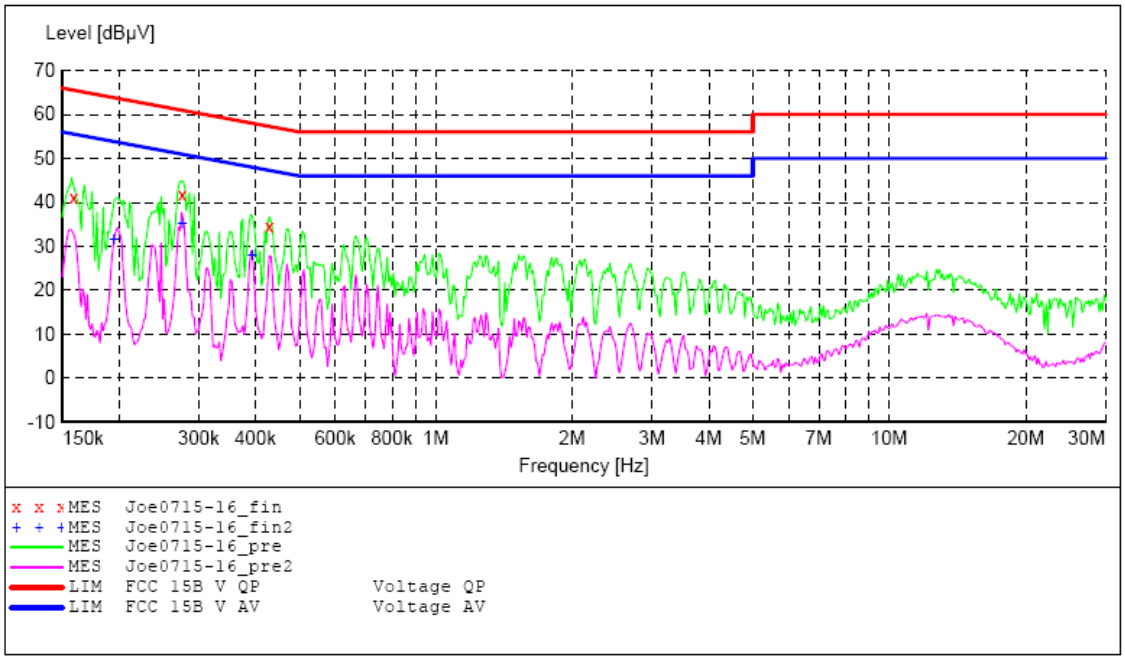
CONDUCTED EMISSION STANDARD FCC PART15B

```
EUT:                  Mobile Ident IIIc    M/N:Mi3c
Manufacturer:         Cogent Systems (ShenZhen) Inc
Operating Condition:  Swipe Card
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   Vb 120V/60Hz
Comment:              Sample No.:091348    Report No.:ATE20091159
Start of Test:        7/15/2009 / 1:19:39PM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:            _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF      Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz   NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe0715-16_fin"

7/15/2009 1:22PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.159000	41.10	11.0	66	24.4	QP	L1	GND
0.276000	41.90	11.5	61	19.0	QP	L1	GND
0.429000	34.50	11.9	57	22.8	QP	L1	GND

MEASUREMENT RESULT: "Joe0715-16_fin2"

7/15/2009 1:22PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.195000	31.50	11.2	54	22.3	AV	L1	GND
0.276000	35.20	11.5	51	15.7	AV	L1	GND
0.393000	28.10	11.8	48	19.9	AV	L1	GND

6. RADIATED EMISSION FOR FCC PART 15 SECTION 15.109(A)

6.1.Block Diagram of Test Setup

6.1.1.Block diagram of connection between the EUT and simulators

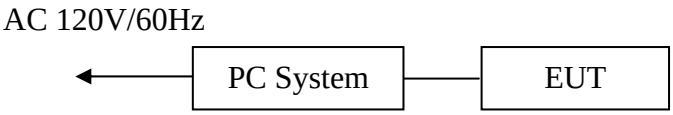


Figure 1 Setup: Connect to PC

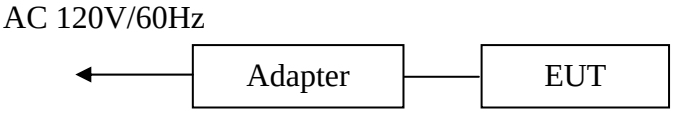
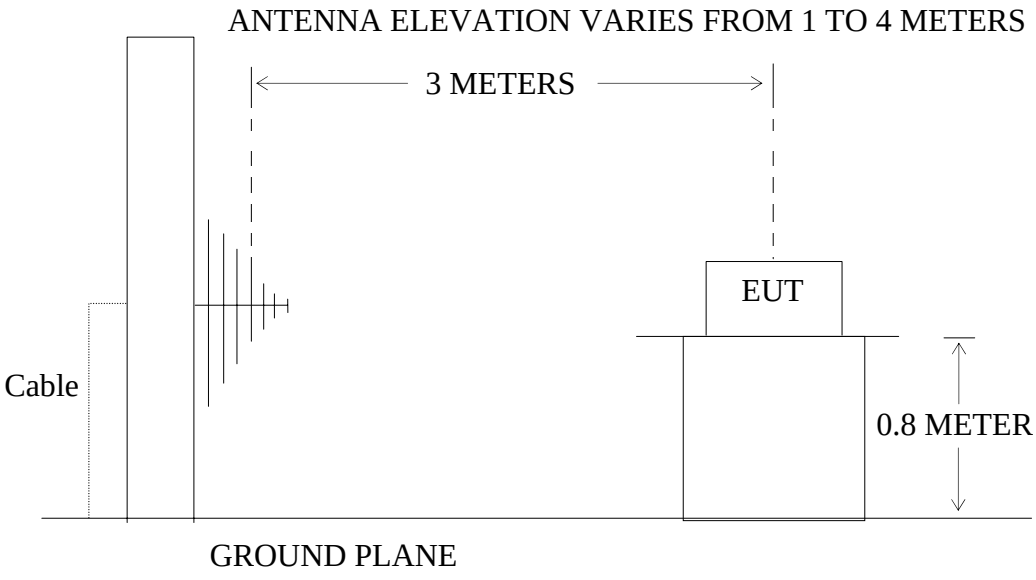


Figure 2 Setup: Finger Camera, Facial Camera, Barcode, IC Card, Swipe Card

(EUT: Mobile Ident ⅢIc)

6.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: Mobile Ident ⅢIc)

6.2.The Emission Limit For Section 15.109 (a)

6.2.1.Radiation Emission Measurement Limits According to Section 15.109 (a).

Frequency (MHz)	Limit	
	Field Strength of Quasi-peak Value (microvolts/m)	Field Strength of Quasi-peak Value (dBμV/m)
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

6.3.EUT Configuration on Measurement

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

6.3.1.Mobile Ident Ⅲc (EUT)

Model Number : MI3C
Serial Number : N/A
Manufacturer : Cogent Systems Inc.

6.4.Operating Condition of EUT

6.4.1.Setup the EUT and simulator as shown as Section 6.1.

6.4.2.Turn on the power of all equipment.

6.4.3.Let the EUT work in Connect to PC, Finger Camera, Facial Camera, Barcode, IC Card and Swipe Card modes measure it.

6.5. Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 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 polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement.

The bandwidth of test receiver is set at 120kHz in 30-1000MHz.

The frequency range from 30MHz to 1000MHz is checked.

The final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.

6.6. The Emission Measurement Result

PASS.

Date of Test:	July 14, 2009	Temperature:	25°C
EUT:	Mobile Ident IIIc	Humidity:	50%
			Connect to PC use USB terminal
Model No.:	MI3C	Power Supply:	PC power: AC 120V/60Hz
Test Mode:	Connect to PC	Test Engineer:	Joe

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
659.9640	17.42	26.01	43.43	46.00	-2.57	Vertical
779.9640	15.21	27.84	43.05	46.00	-2.95	Vertical
839.9640	14.96	28.36	43.32	46.00	-2.68	Vertical
659.9640	17.61	26.01	43.62	46.00	-2.38	Horizontal
779.9640	15.68	27.84	43.52	46.00	-2.48	Horizontal
839.9640	15.14	28.36	43.50	46.00	-2.50	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor

   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain
3. The spectral diagrams are attached as below display the measurement of peak values.

Date of Test:	July 14, 2009	Temperature:	25°C
EUT:	Mobile Ident IIIc	Humidity:	50%
Model No.:	MI3C	Power Supply:	AC 120V/60Hz
Test Mode:	Finger Camera	Test Engineer:	Joe

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
571.9804	16.50	25.26	41.76	46.00	-4.24	Vertical
623.9741	16.21	26.05	42.26	46.00	-3.74	Vertical
649.9709	16.47	25.98	42.45	46.00	-3.55	Vertical
571.9804	17.65	25.26	42.91	46.00	-3.09	Horizontal
623.9741	16.92	26.05	42.97	46.00	-3.03	Horizontal
649.9709	16.55	25.98	42.53	46.00	-3.47	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor

   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain
3. The spectral diagrams are attached as below display the measurement of peak values.

Date of Test:	July 14, 2009	Temperature:	25°C
EUT:	Mobile Ident IIIc	Humidity:	50%
Model No.:	MI3C	Power Supply:	AC 120V/60Hz
Test Mode:	Facial Camera	Test Engineer:	Joe

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
526.4820	18.36	24.17	42.53	46.00	-3.47	Vertical
623.9741	16.80	26.05	42.85	46.00	-3.15	Vertical
649.9709	15.90	25.98	41.88	46.00	-4.12	Vertical
233.9920	25.36	16.82	42.18	46.00	-3.82	Horizontal
526.4820	18.53	24.17	42.70	46.00	-3.30	Horizontal
623.9741	16.65	26.05	42.70	46.00	-3.30	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor

   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain
3. The spectral diagrams are attached as below display the measurement of peak values.

Date of Test:	July 14, 2009	Temperature:	25°C
EUT:	Mobile Ident IIIc	Humidity:	50%
Model No.:	MI3C	Power Supply:	AC 120V/60Hz
Test Mode:	Barcode	Test Engineer:	Joe

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
545.9830	17.17	25.17	42.34	46.00	-3.66	Vertical
623.9741	16.74	26.05	42.79	46.00	-3.21	Vertical
649.9709	16.59	25.98	42.57	46.00	-3.43	Vertical
389.9819	21.19	21.88	43.07	46.00	-2.93	Horizontal
545.9830	17.83	25.17	43.00	46.00	-3.00	Horizontal
623.9741	17.01	26.05	43.06	46.00	-2.94	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor

   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain
3. The spectral diagrams are attached as below display the measurement of peak values.

Date of Test:	July 14, 2009	Temperature:	25°C
EUT:	Mobile Ident IIIc	Humidity:	50%
Model No.:	MI3C	Power Supply:	AC 120V/60Hz
Test Mode:	IC Card	Test Engineer:	Joe

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
339.0250	18.94	19.98	38.92	46.00	7.08	Vertical
366.1464	20.46	21.48	41.94	46.00	-4.06	Vertical
420.3849	17.21	23.19	40.40	46.00	-5.60	Vertical
284.7800	24.11	18.43	42.54	46.00	-3.46	Horizontal
366.1464	21.20	21.48	42.68	46.00	-3.32	Horizontal
393.2590	20.89	22.01	42.90	46.00	-3.10	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor

   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain
3. The spectral diagrams are attached as below display the measurement of peak values.

Date of Test:	July 14, 2009	Temperature:	25°C
EUT:	Mobile Ident IIIc	Humidity:	50%
Model No.:	MI3C	Power Supply:	AC 120V/60Hz
Test Mode:	Swipe Card	Test Engineer:	Joe

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
147.1450	18.13	14.50	32.63	43.50	-10.87	Vertical
204.6300	15.17	16.17	31.34	43.50	-12.16	Vertical
480.9920	11.04	23.87	34.91	46.00	-11.09	Vertical
147.1450	19.56	14.50	34.06	43.50	-9.44	Horizontal
202.3540	18.14	16.10	34.24	43.50	-9.26	Horizontal
480.9920	13.46	23.87	37.33	46.00	-8.67	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor

   Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain
3. The spectral diagrams are attached as below display the measurement of peak values.

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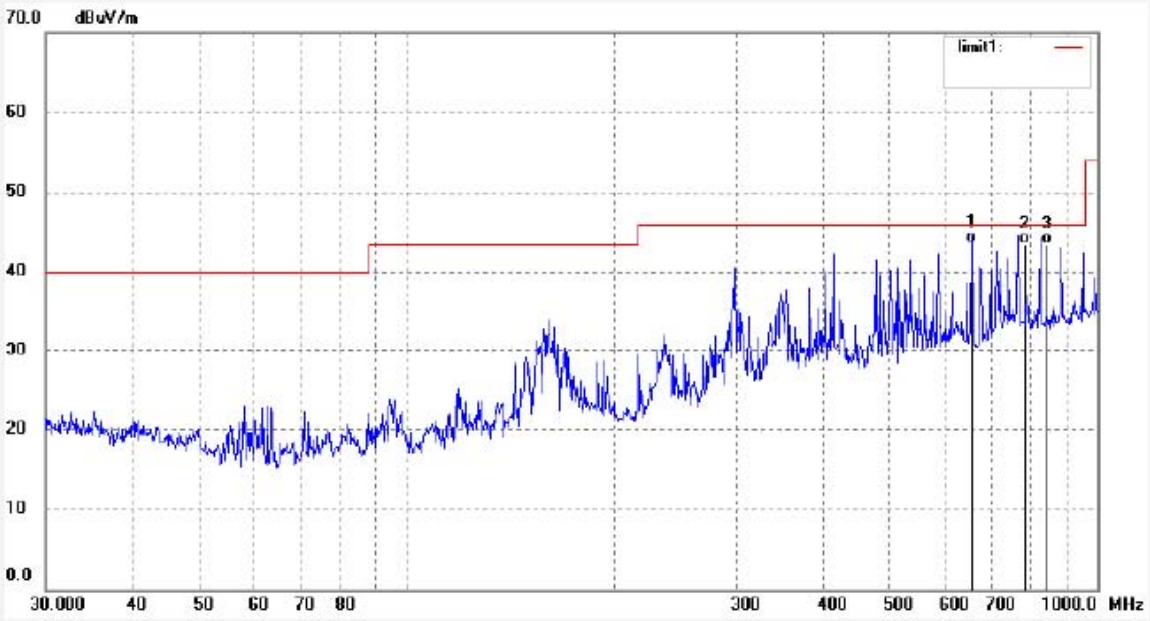
Job No.: RTTE #2304	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 21:42:59
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: Connect to PC	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	659.9640	17.61	26.01	43.62	46.00	-2.38	QP			
2	779.9640	15.68	27.84	43.52	46.00	-2.48	QP			
3	839.9640	15.14	28.36	43.50	46.00	-2.50	QP			

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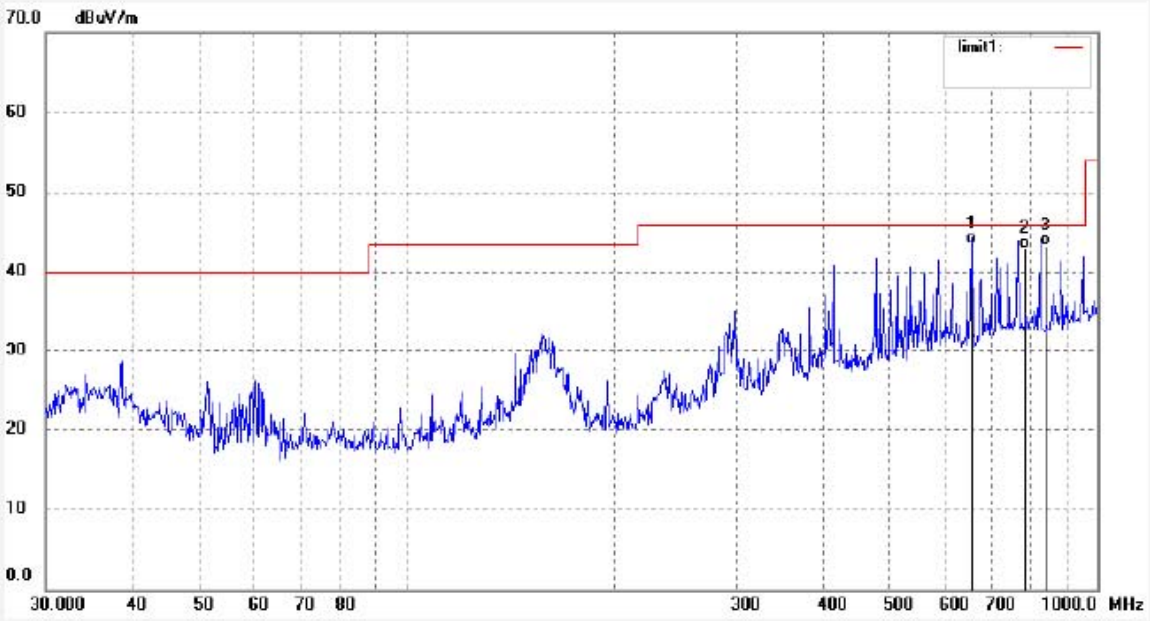
Job No.: RTTE #2303	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 21:39:41
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: Connect to PC	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	659.9640	17.42	26.01	43.43	46.00	-2.57	QP			
2	779.9640	15.21	27.84	43.05	46.00	-2.95	QP			
3	839.9640	14.96	28.36	43.32	46.00	-2.68	QP			

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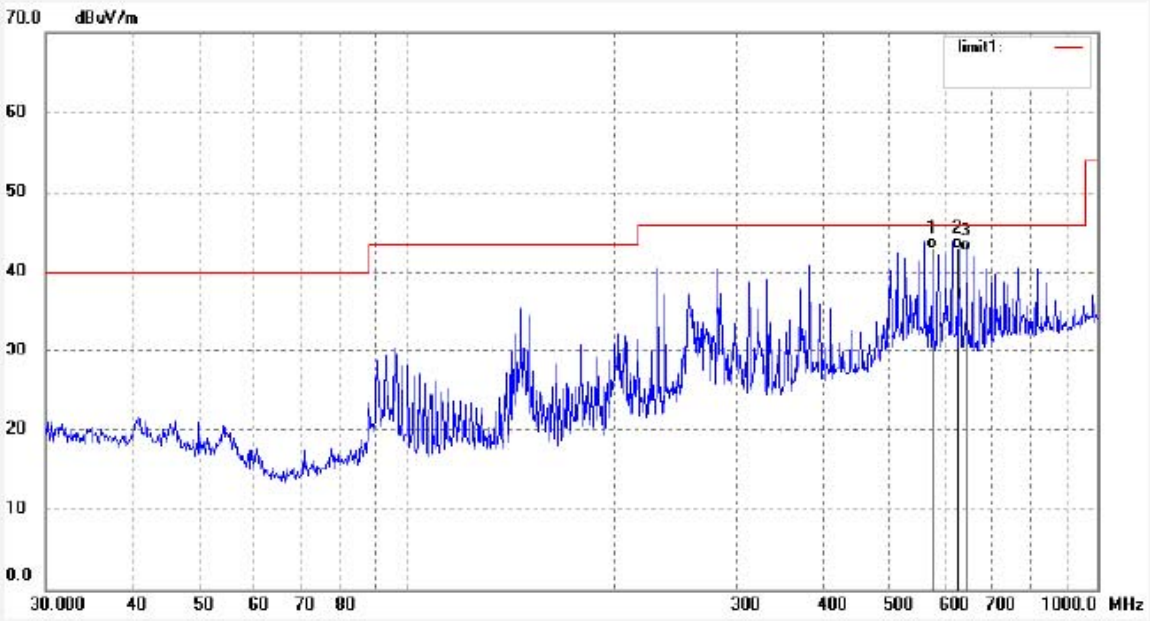
Job No.: RTTE #2293	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 20:36:59
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: Finger Camera	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	571.9804	17.65	25.26	42.91	46.00	-3.09	QP			
2	623.9741	16.92	26.05	42.97	46.00	-3.03	QP			
3	649.9709	16.55	25.98	42.53	46.00	-3.47	QP			

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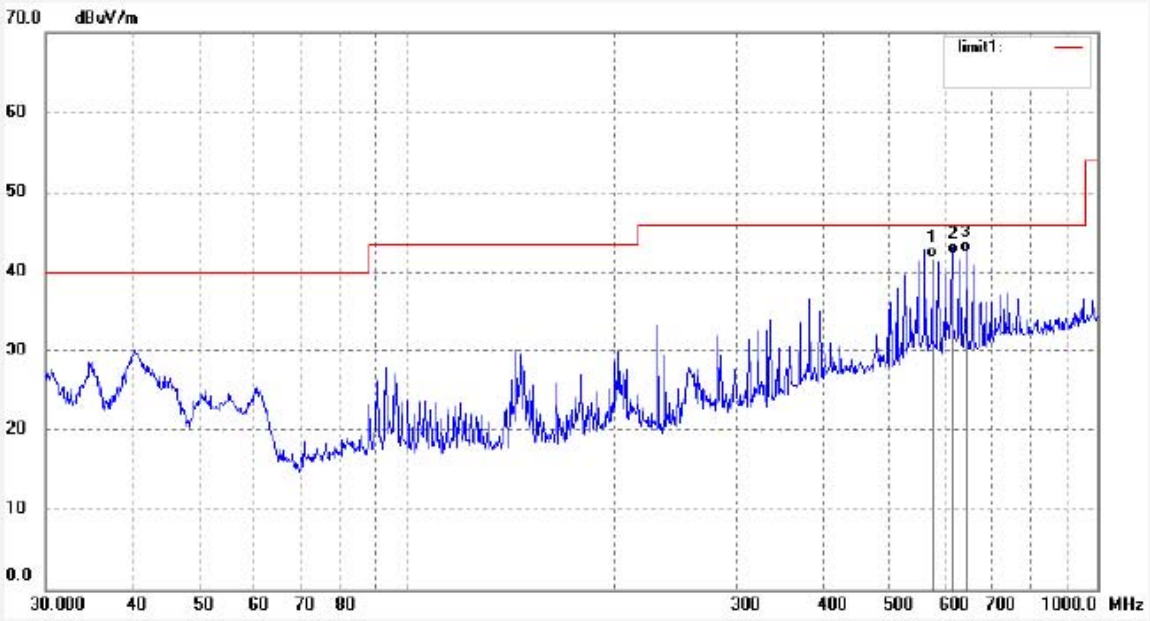
Job No.: RTTE #2294	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 20:42:34
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: Finger Camera	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	571.9804	16.50	25.26	41.76	46.00	-4.24	QP			
2	623.9741	16.21	26.05	42.26	46.00	-3.74	QP			
3	649.9709	16.47	25.98	42.45	46.00	-3.55	QP			

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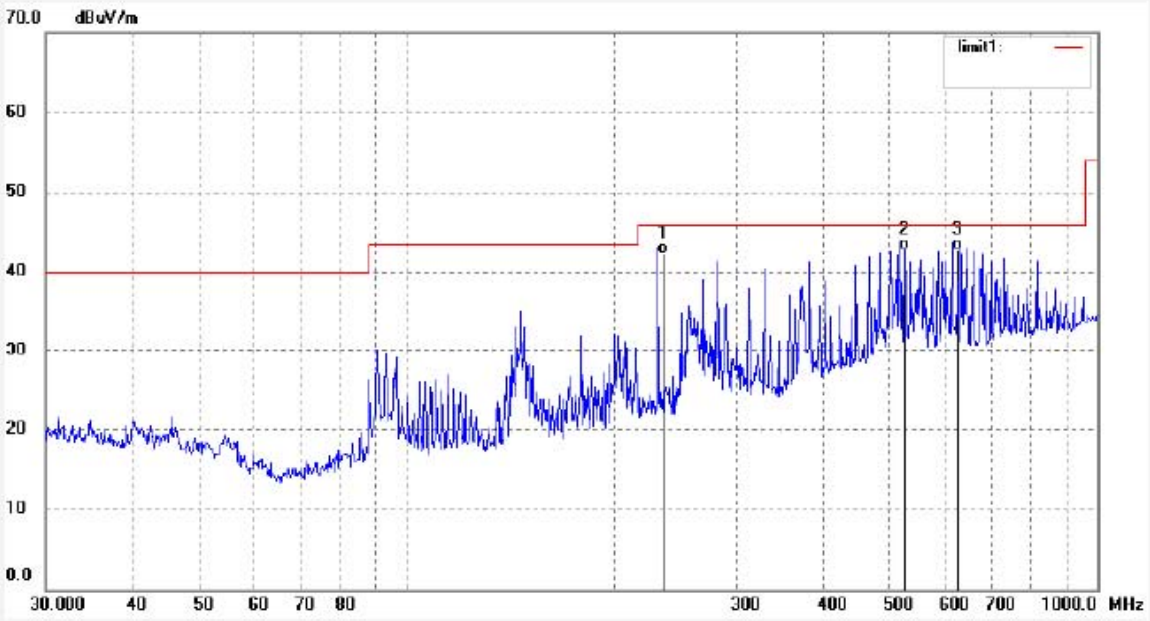
Job No.: RTTE #2296	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 20:56:52
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: Facial Camera	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	233.9920	25.36	16.82	42.18	46.00	-3.82	QP			
2	526.4820	18.53	24.17	42.70	46.00	-3.30	QP			
3	623.9741	16.65	26.05	42.70	46.00	-3.30	QP			

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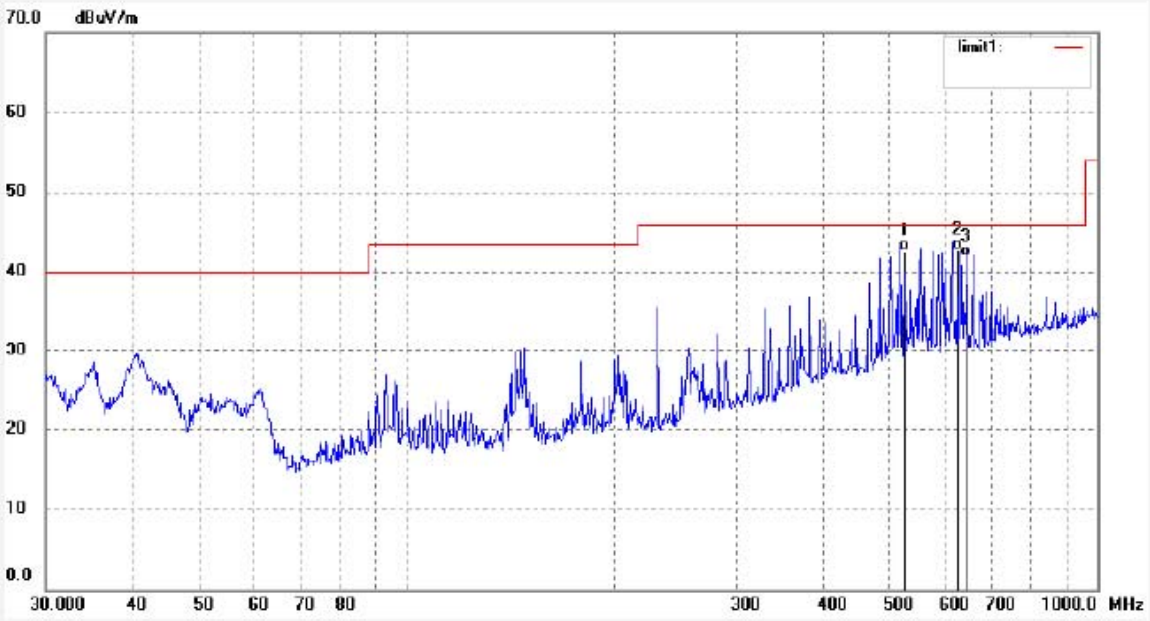
Job No.: RTTE #2295	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 20:51:32
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: Facial Camera	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	526.4820	18.36	24.17	42.53	46.00	-3.47	QP			
2	623.9741	16.80	26.05	42.85	46.00	-3.15	QP			
3	649.9709	15.90	25.98	41.88	46.00	-4.12	QP			

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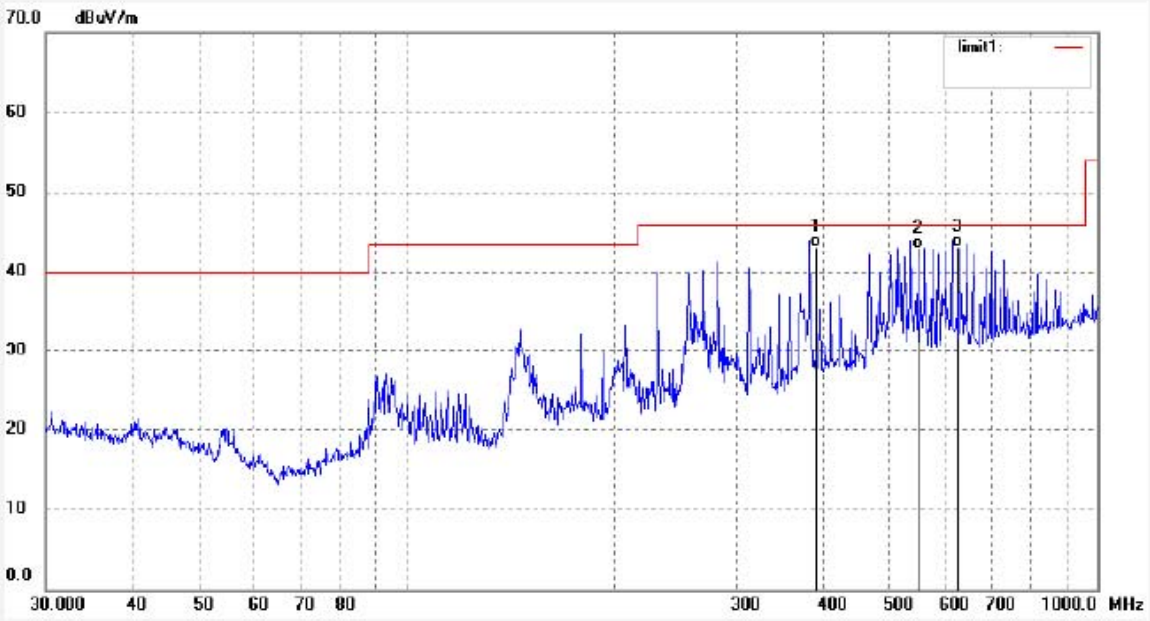
Job No.: RTTE #2297	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 21:03:45
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: Barcode	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	389.9819	21.19	21.88	43.07	46.00	-2.93	QP			
2	545.9830	17.83	25.17	43.00	46.00	-3.00	QP			
3	623.9741	17.01	26.05	43.06	46.00	-2.94	QP			

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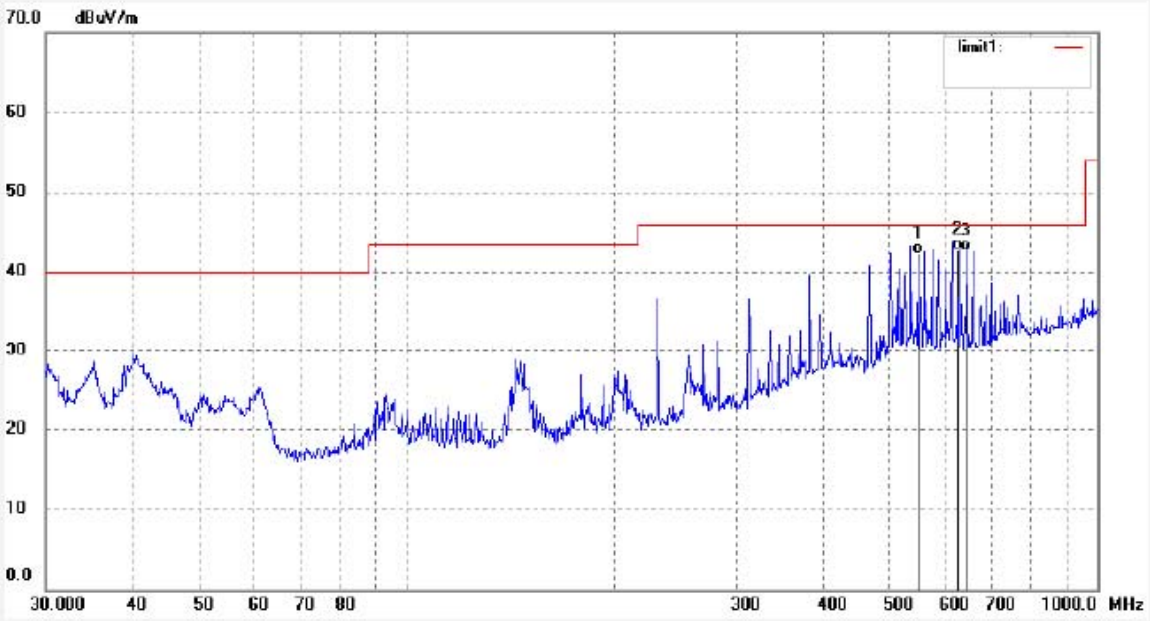
Job No.: RTTE #2298	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 21:07:10
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: Barcode	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	545.9830	17.17	25.17	42.34	46.00	-3.66	QP			
2	623.9741	16.74	26.05	42.79	46.00	-3.21	QP			
3	649.9709	16.59	25.98	42.57	46.00	-3.43	QP			

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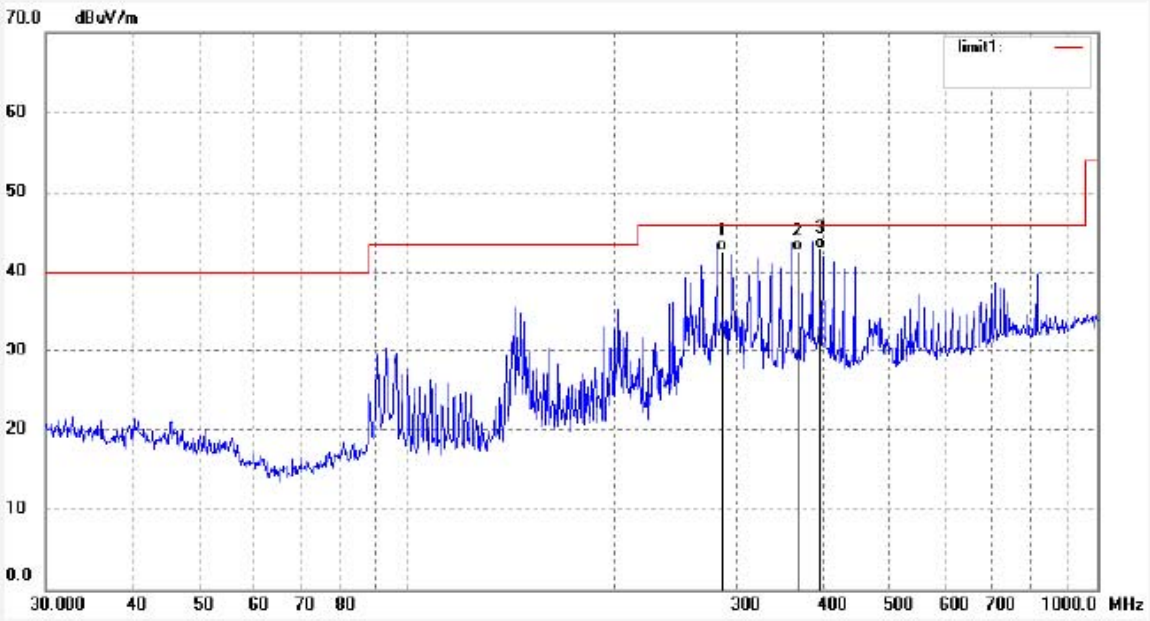
Job No.: RTTE #2300	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 21:16:34
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: IC Card	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	284.7800	24.11	18.43	42.54	46.00	-3.46	QP			
2	366.1464	21.20	21.48	42.68	46.00	-3.32	QP			
3	393.2590	20.89	22.01	42.90	46.00	-3.10	QP			

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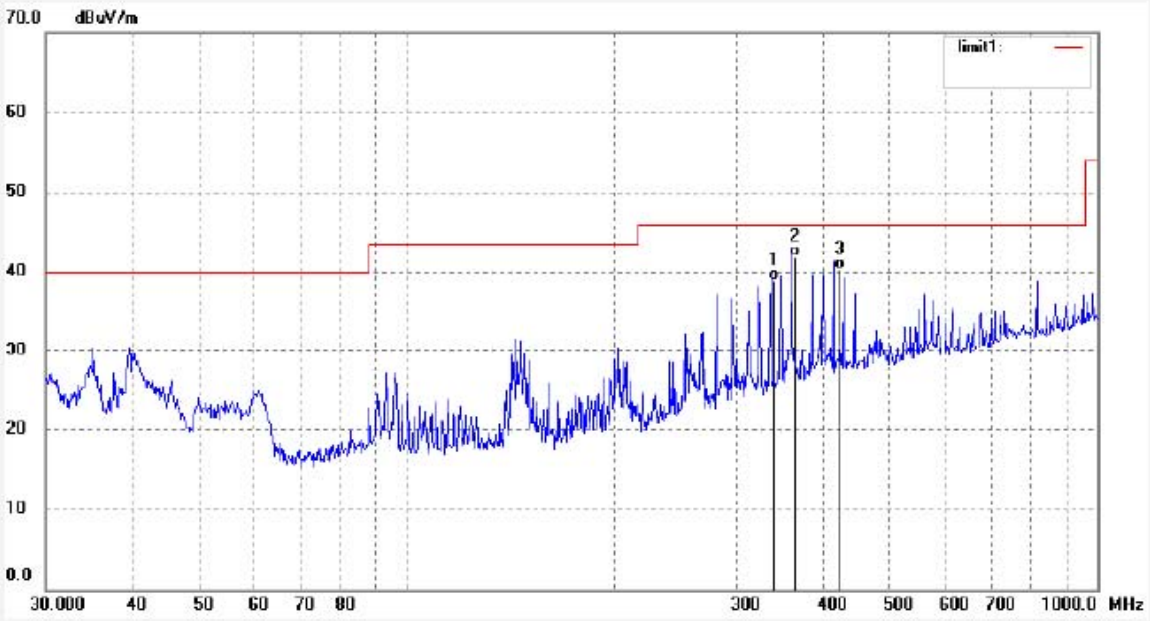
Job No.: RTTE #2299	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 21:14:52
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: IC Card	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	339.0250	18.94	19.98	38.92	46.00	-7.08	QP			
2	366.1464	20.46	21.48	41.94	46.00	-4.06	QP			
3	420.3849	17.21	23.19	40.40	46.00	-5.60	QP			

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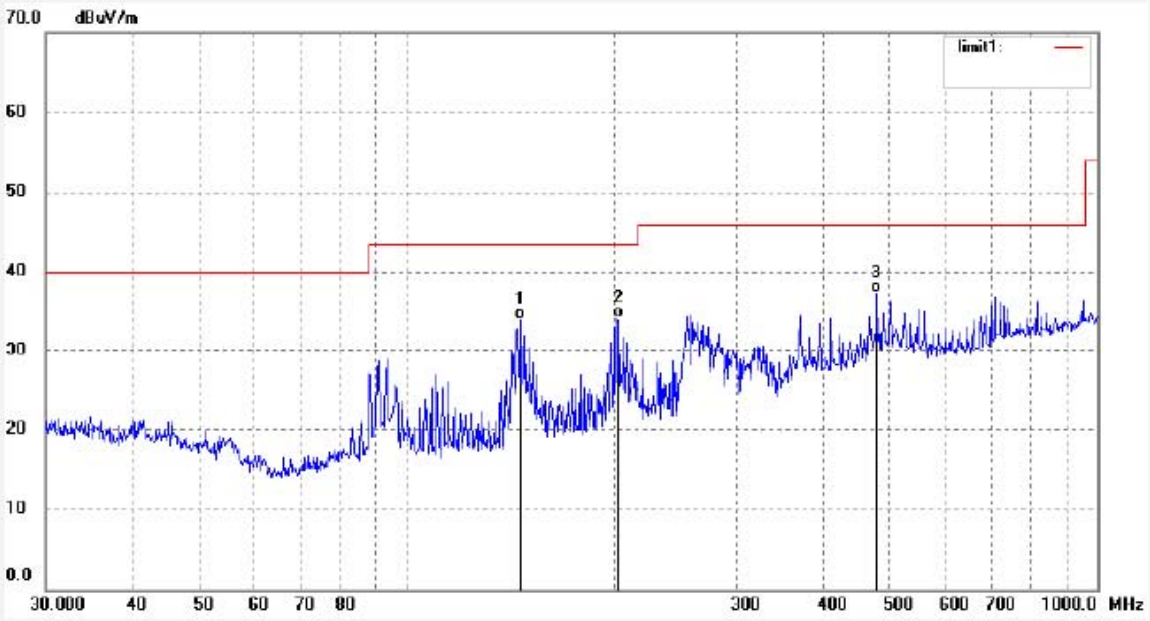
Job No.: RTTE #2301	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 21:24:57
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: Swipe Card	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	147.1450	19.56	14.50	34.06	43.50	-9.44	QP			
2	202.3540	18.14	16.10	34.24	43.50	-9.26	QP			
3	480.9920	13.46	23.87	37.33	46.00	-8.67	QP			

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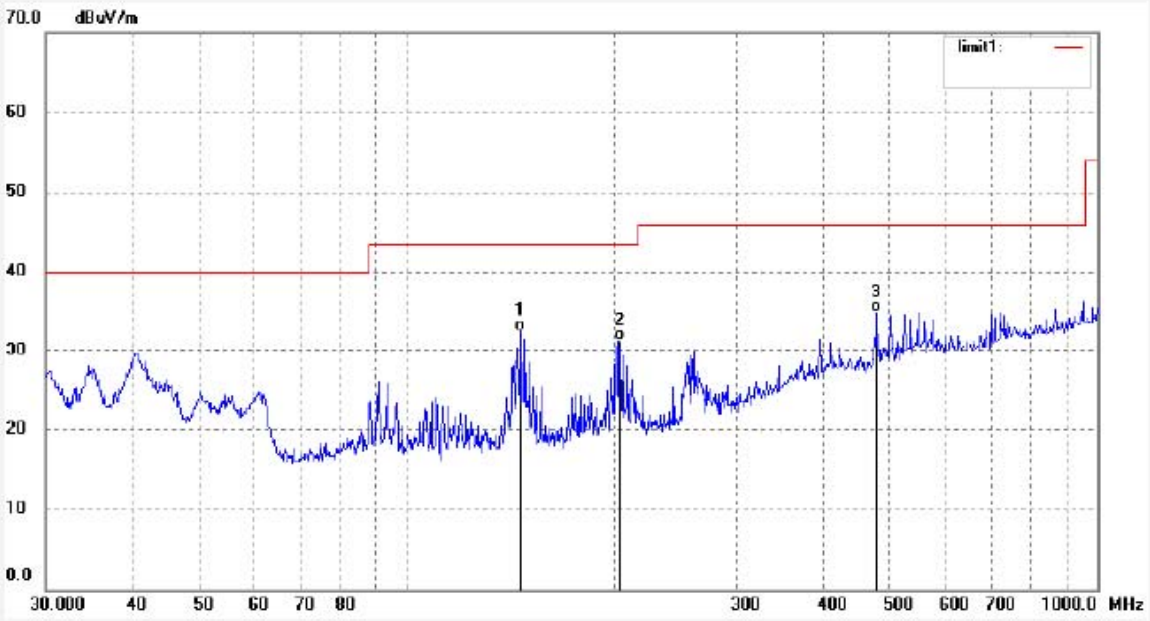
Job No.: RTTE #2302	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2009-7-14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 21:26:46
EUT: Mobile Ident IIIc	Engineer Signature: Joe
Mode: Swipe Card	Distance: 3m
Model: Mi3c	
Manufacturer: Cogent System (ShenZhen) Inc	

Note: Sample No.:091348 Report No.:ATE20091159



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	147.1450	18.13	14.50	32.63	43.50	-10.87	QP			
2	204.6300	15.17	16.17	31.34	43.50	-12.16	QP			
3	480.9920	11.04	23.87	34.91	46.00	-11.09	QP			