APPLICATION CERTIFICATION FCC Part 15B

On Behalf of Nicetex Electronics Ltd.

Wireless Dock for iPod Model No.: IS301

FCC ID: OYNIS301T

Prepared for : Nicetex Electronics Ltd.

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Pak Tin Par Street, Tsuen Wan, Hong Kong

Prepared by : ACCURATE TECHNOLOGY CO. LTD

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Report Number : ATE20082470

Date of Test : December 31, 2008 - January 7, 2009

Date of Report : January 7, 2009

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Test Report Certification

Applicant : Nicetex Electronics Ltd.

Manufacturer : Mei Hua Electronics (Hui Zhou) Limited

EUT Description : Wireless Dock for iPod

(A) MODEL NO.: IS301(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 5V (Power supplied by iPod)

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: | December 31, 2008 - January 7, 2009 | | | | |
|-------------------------------|-------------------------------------|--|--|--|--|
| Prepared by : | sky Long | | | | |
| | (Engineer) | | | | |
| Approved & Authorized Signer: | Seal = | | | | |
| | (Manager) | | | | |

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT : Wireless Dock for iPod

Model Number : IS301

Frequency Band : 2402MHz-2480MHz

Number of Channels : 79

Antenna Gain : 0dBi Max.

Power Supply : DC 5V (Power supplied by iPod)

PC System : Manufacturer: DELL

M/N: DCNE

Serial No.: 6CQSC2X

Printer : Manufacturer: Canon

Model No.: BJC-1000SP

iPod : Manufacturer: Apple

M/N: A1136

Serial No.: 2Z6500GBSZA

Applicant : Nicetex Electronics Ltd.

Address : Rm 22, 14/F, Block A, Hi-Tech Industrial Centre 5-21

Pak Tin Par Street, Tsuen Wan, Hong Kong

Manufacturer : Mei Hua Electronics (Hui Zhou) Limited

Address : Jinlong Road (Qingxi section), Longmen, Huizhou,

Guangdong, China

Date of sample received: December 22, 2008

Date of Test : December 31, 2008 - January 7, 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 = 3.08dB, k=2

(9kHz-30MHz)

Radiated emission expanded uncertainty = 4.42dB, k=2

(30MHz-1000MHz)

Radiated emission expanded uncertainty = 4.06dB, k=2

(Above 1GHz)

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 | 03.29.2009 |
| EMI Test Receiver | Rohde&Schwarz | ESPI3 | 101526/003 | 03.29.2009 |
| Spectrum Analyzer | Agilent | E7405A | MY45115511 | 03.29.2009 |
| Pre-Amplifier | Rohde&Schwarz | CBLU118354 0-01 | 3791 | 03.31.2009 |
| Loop Antenna | Schwarzbeck | FMZB1516 | 1516131 | 03.28.2009 |
| Bilog Antenna | Schwarzbeck | VULB9163 | 9163-323 | 03.29.2009 |
| Horn Antenna | Schwarzbeck | BBHA9120D | 9120D-655 | 12.19.2009 |
| Horn Antenna | Schwarzbeck | BBHA9170 | 9170-359 | 10.09.2009 |
| LISN | Rohde&Schwarz | ESH3-Z5 | 100305 | 03.29.2009 |
| LISN | Schwarzbeck | NSLK8126 | 8126431 | 03.29.2009 |

3. OPERATION OF EUT DURING TESTING

3.1.Operating Mode

The mode is used: Connect to PC (Transfer Data)

3.2.Configuration and peripherals

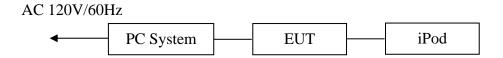


Figure 1 Setup: Connect to PC

(EUT: Wireless Dock for iPod)

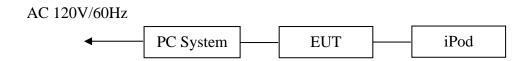
4. TEST PROCEDURES AND RESULTS

| FCC Rules | S 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

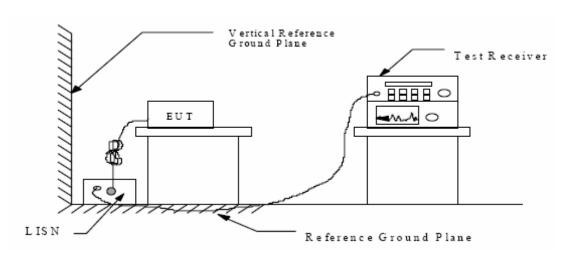
5.1.1.Block diagram of connection between the EUT and simulators



Setup: Connect to PC

(EUT: Wireless Dock for iPod)

5.1.2. Shielding Room Test Setup Diagram



(EUT: Wireless Dock for iPod)

5.2. The Emission Limit

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

| Frequency | Limit dB(μV) | | | | |
|--------------|------------------|---------------|--|--|--|
| (MHz) | 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. Wireless Dock for iPod (EUT)

Model Number : IS301 Serial Number : N/A

Manufacturer : Mei Hua Electronics (Hui Zhou) Limited

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 mode 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: January 6, 2009

EUT: Wireless Dock for iPod

Humidity: 48%

Connect to PC use USB terminal

Model No.: IS301

Power Supply: PC power: AC120V/60Hz

Test Mode: Connect to PC

Test Engineer: Joe

| Frequency MHz | | | | - | Detector | Line | PE | |
|----------------------------------|---------------|----------------------|---------------|--------------|----------|-------------|-------------------|--|
| 0.150000 | 43.10 | 11.0 | 66 | 22.9 | QP | N | GND | |
| Frequency MHz | Level dBµV | | Limit dBµV | - | Detector | Line | PE | |
| 0.186000 0.370500 0.613500 | 34.50 | 11.8 | 49 | 14.0 | AV | N N N | GND GND GND | |
| | | | | | | | | |
| Frequency MHz | Level dBµV | | | Margin dB | Detector | Line | PE | |
| | dΒμV | dB | dΒμV | dB | | Line | PE GND | |
| MHz | dBμV 41.70 | dB 11.2 Transd | dBµV 64 | dB 22.5 | | L1 | GND | |

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 PART 15B

EUT: Wireless Dock for iPod M/N:TS301

Manufacturer: Nicetex Operating Condition: Connect to PC Test Site: 1#Shielding Room

Operator: Joe

Test Specification: Va 120V/60Hz

Report No.:ATE20082470 Sample No.:084474 Comment:

1/6/2009 / 5:46:26PM Start of Test:

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

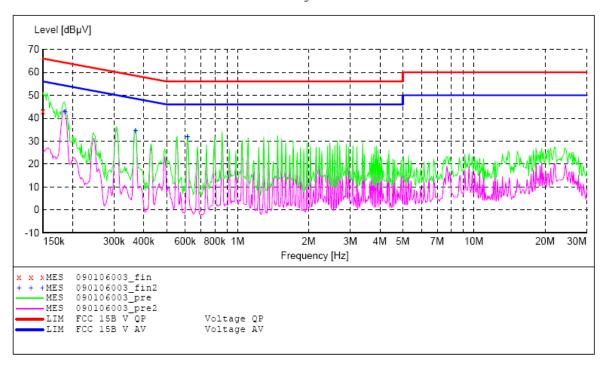
_SUB_STD_VTERM2 1.70 Short Description:

UB_STD_vib.... Detector Meas. Start Stop Step ΙF Transducer

Bandw. Time

Frequency Frequency Width 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



MEASUREMENT RESULT: "090106003 fin"

1/6/2009 5:48PM

| PE | Line | Detector | | | | Level dBµV | Frequency MHz |
|-----|------|----------|------|----|------|---------------|------------------|
| GND | N | OP | 22.9 | 66 | 11.0 | 43.10 | 0.150000 |

MEASUREMENT RESULT: "090106003 fin2"

1/6/2009 5:48PM

| L/ | 0/2009 5:48 | PM | | | | | | |
|----|------------------|-------|--------------|-----|------|----|------|-----|
| | Frequency MHz | | Transd dB | | _ | | Line | PE |
| | 0.186000 | 42.90 | 11.2 | 54 | 11.3 | AV | N | GND |
| | 0.370500 | 34.50 | 11.8 | 49 | 14.0 | AV | N | GND |
| | 0.613500 | 32.00 | 12.0 | 4.6 | 14.0 | ΑV | N | GND |

ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: Wireless Dock for iPod M/N:IS301

Manufacturer: Nicetex Operating Condition: Connect to PC Test Site: 1#Shielding Room

Operator: Joe

Test Specification: Vb 120V/60Hz

Sample No.:084474 Report No.:ATE20082470 Comment:

Start of Test: 1/6/2009 / 5:48:38PM

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

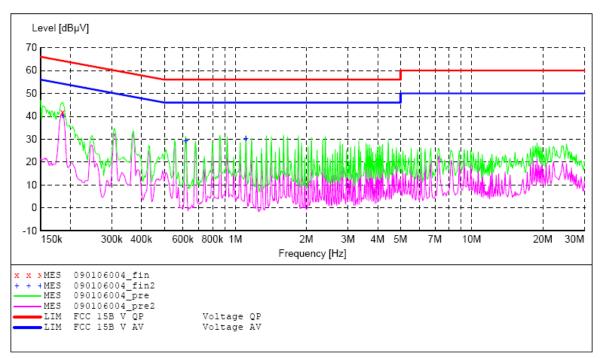
_SUB_STD_VTERM2 1.70 Short Description:

Start Stop Step Detector Meas. ΙF Transducer

Frequency Frequency Width 150.0 kHz 30.0 MHz 0.8 % Time Bandw.

QuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



MEASUREMENT RESULT: "090106004 fin"

1/6/2009 5:51PM

| Frequency MHz | | Transd dB | | _ | Detector | Line | PE |
|------------------|-------|--------------|----|------|----------|------|-----|
| 0.186000 | 41.70 | 11.2 | 64 | 22.5 | QP | L1 | GND |

MEASUREMENT RESULT: "090106004 fin2"

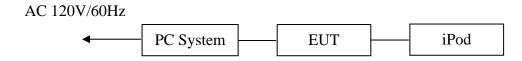
1/6/2009 5:51 PM

| L/ | /6/ZUU9 5:51. | PM | | | | | | |
|----|------------------|-------|--------------|----|--------------|----------|------|-----|
| | Frequency MHz | | Transd dB | | Margin dB | Detector | Line | PE |
| | 0.186000 | 40.40 | 11.2 | 54 | 13.8 | AV | L1 | GND |
| | 0.618000 | 29.20 | 11.9 | 46 | 16.8 | AV | L1 | GND |
| | 1.108500 | 30.30 | 11.8 | 46 | 15.7 | AV | L1 | GND |

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

6.1.Block Diagram of Test Setup

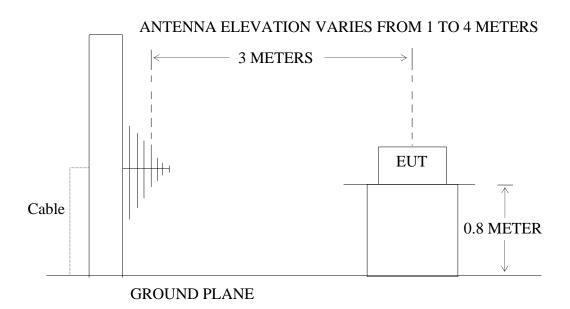
6.1.1.Block diagram of connection between the EUT and simulators



Setup: Connect to PC

(EUT: Wireless Dock for iPod)

6.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: Wireless Dock for iPod)

6.2. The Emission Limit For Section 15.109 (a)

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

| | Limit | | | | | |
|-----------------|---|--|--|--|--|--|
| Frequency (MHz) | Field Strength of Quasi-peak Value (microvolts/m) | Field Strength of Quasi-peak Value $(dB\mu V/m)$ | | | | |
| 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. Wireless Dock for iPod (EUT)

Model Number : IS301 Serial Number : N/A

Manufacturer : Mei Hua Electronics (Hui Zhou) Limited

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 mode 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.

| Frequency | Reading | Factor(dB) | Result | Limit | Margin | Polarization |
|-----------|---------------|------------|---------------|----------|--------|--------------|
| (MHz) | $(dB\mu V/m)$ | Corr. | $(dB\mu V/m)$ | (dBµV/m) | (dB) | |
| | QP | | QP | QP | QP | |
| 199.6431 | 23.26 | 14.98 | 38.24 | 43.50 | -5.26 | Vertical |
| 221.1785 | 25.54 | 15.74 | 41.28 | 46.00 | -4.72 | Vertical |
| 382.5126 | 21.04 | 21.63 | 42.67 | 46.00 | -3.33 | Vertical |
| 199.3356 | 23.23 | 14.97 | 38.20 | 43.50 | -5.30 | Horizontal |
| 264.6154 | 24.61 | 18.67 | 43.28 | 46.00 | -2.72 | Horizontal |
| 297.8623 | 24.35 | 18.63 | 42.98 | 46.00 | -3.02 | Horizontal |

The spectral diagrams are attached as below display the measurement of peak values.

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



ACCURATE TECHNOLOGY CO., LTD.

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Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #1055

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 49 % EUT: Wireless Dock for iPod

Mode: Connect to PC

IS301 Model: Manufacturer: Nicetex

Note: Sample No.:084474 Report No.:ATE20082470

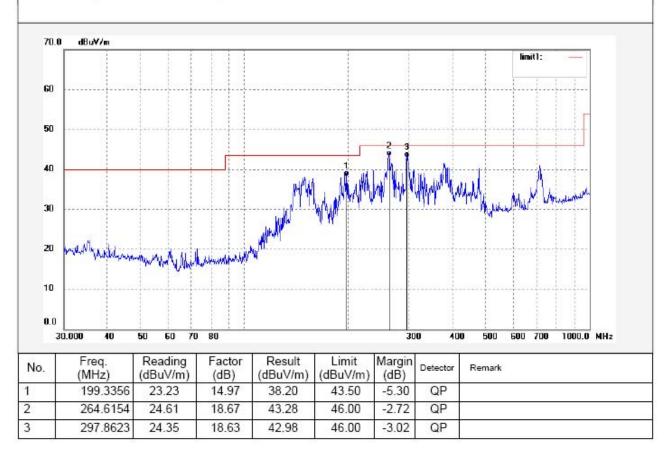


Power Source: AC 120V/60Hz

Date: 2009/01/04 Time: 20:57:14

Engineer Signature: Joe

Distance: 3m





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Site: 966 chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: RTTE #1054

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 49 % EUT: Wireless Dock for iPod

Mode: Connect to PC

IS301 Model: Manufacturer: Nicetex

Note: Sample No.:084474 Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2009/01/04 Time: 20:55:02

Engineer Signature: Joe

Distance: 3m

