APPLICATION CERTIFICATION

On Behalf of

Shenzhen New Force communication Technology Co., Ltd

433 MHz Active Tag

Model No.: NFC-4332, NFC-4335, NFC-4333, NFC-4336, NFC-4337, NFC-4338 NFC-4339, NFC-4360, NFC-4361, NFC-4362

FCC ID: VM7-NFC-4332

Prepared for : Shenzhen New Force communication Technology Co.,Ltd Address : 8061 west HongLi Rd.zhongHe Bldg.ste.110-218 Fu Ti,

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 : ATE20122452

Date of Test : Oct 24-Nov 8, 2012

Date of Report : Nov 8, 2012

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APPENDIX I (TEST CURVES) (10 pages)

Test Report Certification

Applicant : Shenzhen New Force communication Technology Co.,Ltd : Shenzhen New Force Communication Technology Co., Ltd

EUT Description : 433 MHz Active Tag

MODEL NO.: NFC-4332, NFC-4335, NFC-4333, NFC-4336, NFC-4337, NFC-4338 NFC-4339, NFC-4360, NFC-4361, NFC-4362

(A) Trade Name.: NFC

(B) POWER SUPPLY: DC 3V (battery 2×)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.231 ANSI 63.10: 2009

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 C Section 15.231. 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 :	Oct 24-Nov 8, 2012	—
Prepared by :	Terry. Young	
	(Engineer)	
Approved & Authorized Signer :	Lemb	
	(Manager)	

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT : 433 MHz Active Tag

Model Number : NFC-4332, NFC-4335, NFC-4333, NFC-4336,

NFC-4337, NFC-4338

NFC-4339, NFC-4360, NFC-4361, NFC-4362

Note: These samples are same except for the product Model is different. So we prepare the NFC-4332 for

FCC test

Trade Name : NFC

Power Supply : DC 3V (battery $2\times$)

Operation Frequency : 433.05MHz- 434.790MHz

Applicant : Shenzhen New Force communication Technology

Co.,Ltd

Address : 8061 west HongLi Rd.zhongHe Bldg.ste.110-218 Fu Ti,

Shenzhen, China

Manufacturer : Shenzhen New Force Communication Technology Co.,

Ltd

Address : 8061 west HongLi Rd.zhongHe Bldg.ste.110-218 Fu Ti,

Shenzhen, China

Date of sample received: Oct 24, 2012

Date of Test : Oct 24- Nov 8, 2012

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 date	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 8, 2012	Jan. 7, 2013
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 8, 2012	Jan. 7, 2013
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 8, 2012	Jan. 7, 2013
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 8, 2012	Jan. 7, 2013
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 8, 2012	Jan. 7, 2013
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 8, 2012	Jan. 7, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 8, 2012	Jan. 7, 2013
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 8, 2012	Jan. 7, 2013

3. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
Section 15.207	Conducted Emission	N/A
Section 15.231(e)	Radiated Emission	Compliant
Section 15.231(c)	20dB Bandwidth	Compliant
Section 15.231(e)	Release Time Measurement	Compliant
Section 15.203	Antenna Requirement	Compliant

The product is a automatically operated transmitter.

Section 15.231 (a) (2), (3), (4) and (5) are not applicable.

All normal using modes of the normal function were tested but only the worst test data of the worst mode is recorded by this report.

The operation frequency of the Tag can be controlled by the reader. If my reader receive a frequency (control by PC with Manufacturer), the Tag will transmit this frequency always. Now the Tag will work in this frequency, and transmit this frequency unit you change the reader's frequency.

4. THE FIELD STRENGTH OF RADIATION EMISSION

4.1.Block Diagram of Test Setup

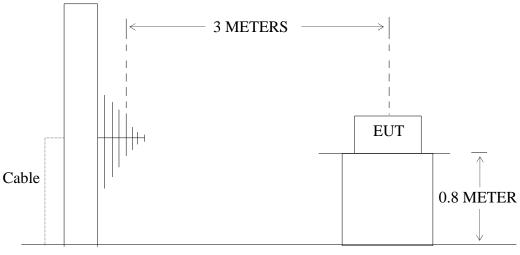
4.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 433 MHz Active Tag)

4.1.2.Semi-Anechoic Chamber Test Setup Diagram

ANTENNA ELEVATION VARIES FROM 1 TO 4 METERS



GROUND PLANE

(EUT: 433 MHz Active Tag)

4.2. The Field Strength of Radiation Emission Measurement Limits

4.2.1.Radiation Emission Measurement Limits According to FCC Part 15 Section 15.231(e)

Frequency Range of Fundamental [MHz]	Field Strength of Fundamental Emission [µV/m]	Field Strength of Spurious Emission [μV/m]
40.66-40.70	1000	100
70-130	500	50
130-174	500 to 5000	50 to 150
174-260	1500	150
260-470	1500-5000	150-500
Above 470	5000	500

Where F is the frequency in MHz, the formulas for calculating the maximum permitted fundamental field strengths are as follows: for the band 130-174 MHz, uV/m at 3 meters; for the band 260-470 MHz, uV/m at 3 meters. The maximum permitted unwanted emission level is 20 dB below the maximum permitted fundamental level.

4.2.2. Restricted Band Radiation Emission Measurement Limits According to FCC part 15 Section 15.205 and Section15.209.

4.3. Configuration of EUT on Measurement

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

4.3.1. 433 MHz Active Tag (EUT)

Model Number : 433 MHz Active Tag

Serial Number : N/A

Manufacturer : Shenzhen New Force Communication Technology.,

Ltd

4.4. Operating Condition of EUT

- 4.4.1. Setup the EUT and simulator as shown as Section 4.1.
- 4.4.2. Turn on the power of all equipment.
- 4.4.3. Let the EUT work in TX mode measure it.

4.5. 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 bi-log 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 EUT location must be manipulated according to ANSI 63.10 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The bandwidth of test receiver is set at 120 kHz in 30-1000 MHz, and 1 MHz in 1000-5000 MHz.

The frequency range from 30 MHz to 5000 MHz is checked.

4.6. The Field Strength of Radiation Emission Measurement Results **PASS.**

The frequency range 30MHz to 5000MHz is investigated.

Date of Test: Nov 2, 2012 Temperature: 25°C 433 MHz Active Tag EUT: Humidity: 50% NFC-4332 Power Supply: DC 3V Model No.: TX433.05MHz Test Mode: Test Engineer: Bob

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss - Amplifier Gain

Frequency	Reading	Factor	r Result Limit		Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	m) $(dB\mu V/m)$ (dB)		
	QP	(dB)	QP	QP	QP	
433.0500	45.88	22.95	68.83	72.90	-4.07	Vertical
866.1000	15.29	28.64	43.93	52.90	-8.97	Vertical
433.0500	45.18	22.95	68.13	72.90	-4.77	Horizontal
866.1000	14.04	28.64	42.68	52.90	-10.22	Horizontal

For 1GHz-5GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

AV = PK + duty cycle factor

Frequency (MHz)	Duty cycle factor	Reading (dBµV/m)	Factor Corr. (dB)	Result(dBμV/m)		Corr.		$Result(dB\mu V/m) \qquad Limit(dB\mu V/m)$		dBμV/m)	Polariza tion
		PEAK		AV	PEAK	AV	PEAK	AV	PEAK		
1299.150	-9.72	60.84	-12.20	38.92	48.64	52.90	72.90	-13.98	-24.26	Vertical	
1732.200	-9.72	56.99	-10.37	36.90	46.62	52.90	72.90	-16.00	-26.28	Vertical	
2598.300	-9.72	53.25	-6.72	36.81	46.53	52.90	72.90	-16.09	-26.37	Vertical	
1299.150	-9.72	59.22	-12.20	37.30	47.02	52.90	72.90	-15.60	-25.88	Horizont	
1732.200	-9.72	57.23	-10.37	37.14	46.86	52.90	72.90	-15.76	-26.04	Horizont	
2598.300	-9.72	54.41	-6.72	37.97	47.69	52.90	72.90	-14.93	-25.21	Horizont	

Note:

- 1. Emissions attenuated more than 20 dB below the permissible value are not reported.
- 2. *: Denotes restricted band of operation.

Measurements were made using a peak detector, the AV value computed by duty cycle factor. Any emission falling within the restricted bands of FCC Part 15 Section 15.205 were compliance with the emission limit of FCC Part 15 Section 15.209.

3. 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

FCC Limit for Measurement = $=72.90 \text{ dB}\mu\text{V/m}$

Pulse Width (PW) =0.48ms*1= 0.48ms

1/PW=1/0.48ms=2.083kHz

RBW(100 kHz) > 1/PW (2.083 kHz)

Therefore PDCF is not needed.

Duty cycle = (Ton/(Toff+Ton))*100% = (0.48/1.47)*100% = 32.65%

Duty cycle factor= $20\log (Duty \text{ cycle}) = 20\log (0.3265) = -9.72$

Date of Test: Nov 2, 2012 25°C Temperature: EUT: 433 MHz Active Tag Humidity: 50% Power Supply: DC 3V Model No.: NFC-4332 TX434.790MHz Test Engineer: Test Mode: Bob

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency	Reading	Factor	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	(dBµV/m)	(dB)	
	QP	(dB)	QP	QP	QP	
434.7900	43.90	22.93	66.83	72.90	-6.07	Vertical
869.5800	13.81	28.63	42.44	52.90	-10.46	Vertical
434.7900	42.70	22.93	65.63	72.90	-7.27	Horizontal
869.5800	13.95	28.63	42.58	52.90	-10.32	Horizontal

For 1GHz-5GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

AV =PK + duty cycle factor

Frequency (MHz)	Duty cycle factor	Reading (dBµV/m)	Factor Corr. (dB)	Result(dBµV/m)		Result($dB\mu V/m$) Limit($dB\mu V/m$)		Margin(c	dBμV/m)	Polariza tion
		PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
1304.370	-9.90	60.33	-12.19	38.24	48.14	52.90	72.90	-14.66	-24.76	Vertical
1739.160	-9.90	60.53	-10.41	40.22	50.12	52.90	72.90	-12.68	-22.78	Vertical
2608.740	-9.90	55.96	-6.72	39.34	49.24	52.90	72.90	-13.56	-23.66	Vertical
1304.370	-9.90	62.71	-12.19	40.62	50.52	52.90	72.90	-12.28	-22.38	Horizont
1739.160	-9.90	58.80	-10.41	38.48	48.38	52.90	72.90	-14.42	-24.51	Horizont
2608.740	-9.90	52.91	-6.72	36.29	46.19	52.90	72.90	-16.61	-26.71	Horizont

Note:

- 1. Emissions attenuated more than 20 dB below the permissible value are not reported.
- 2. *: Denotes restricted band of operation.

Measurements were made using a peak detector, the AV value computed by duty cycle factor. Any emission falling within the restricted bands of FCC Part 15 Section 15.205 were compliance with the emission limit of FCC Part 15 Section 15.209.

3. 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

FCC ID: VM7-NFC-4332

ACCURATE TECHNOLOGY CO., LTD REPORT NO. ATE20122452

FCC Limit for Measurement = $=72.90 \text{ dB}\mu\text{V/m}$

Pulse Width (PW) =0.47ms*0= 0.47ms

1/PW = 1/0.47ms = 2.13kHz

RBW(100 kHz) > 1/PW (2.13kHz)

Therefore PDCF is not needed.

Duty cycle = (Ton/(Toff+Ton))*100% = (0.47/1.47)*100%=31.97%

Duty cycle factor=20log (Duty cycle) = 20log (0.3197) =-9.90

5. 20DB OCCUPIED BANDWIDTH

5.1.Block Diagram of Test Setup

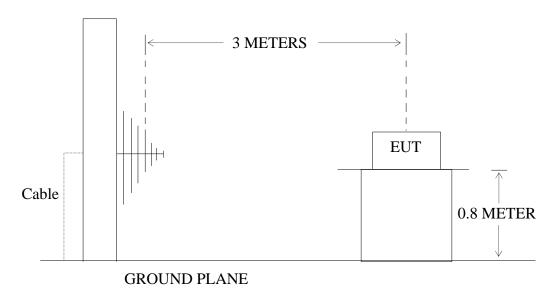
5.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 433 MHz Active Tag)

5.1.2.Semi-Anechoic Chamber Test Setup Diagram

ANTENNA ELEVATION VARIES FROM 1 TO 4 METERS



(EUT: 433 MHz Active Tag)

5.2. The Bandwidth of Emission Limit According To FCC Part 15 Section

15.231(e)

The bandwidth of emission shall be no wider than 0.25% of the center frequency. Therefore, the bandwidth of the emission limit is $433.050 \text{ MHz} \times 0.25\% = 1082.625 \text{ kHz}$. Bandwidth is determined at the two points 20 dB down from the top of modulated carrier.

EUT Configuration on Measurement

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

5.2.1.433 MHz Active Tag (EUT)

Model Number : 433 MHz Active Tag

Serial Number : N/A

Manufacturer : Shenzhen New Force Communication Technology., Ltd

5.3. Operating Condition of EUT

- 5.3.1. Setup the EUT and simulator as shown as Section 5.1.
- 5.3.2. Turn on the power of all equipment.
- 5.3.3.Let the EUT work in TX mode measure it.

5.4.Test Procedure

- 5.4.1.Set~SPA~Center~Frequency = Fundamental~frequency,~RBW = 10~kHz,~VBW = 30~kHz,~Span = 500~kHz.
 - 5.4.2.Set SPA Max hold, Mark peak, -20 dB.

5.5.Measurement Result

The EUT does meet the FCC requirement.

433.050MHz:

-20 dB bandwidth = 26.0 kHz. (26.0 kHz/433.05MHz)* 100%=0.006 %< 0.25% The spectral diagrams in appendix I.

434.790MHz:

-20 dB bandwidth = 26.0 kHz. (26.0 kHz/433.79MHz)* 100%=0.006 %< 0.25% The spectral diagrams in appendix I.

6. RELEASE TIME MEASUREMENT

6.1.Block Diagram of Test Setup

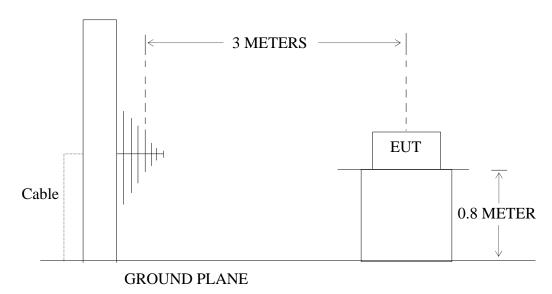
6.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 433 MHz Active Tag)

6.1.2.Semi-Anechoic Chamber Test Setup Diagram

ANTENNA ELEVATION VARIES FROM 1 TO 4 METERS



(EUT: 433 MHz Active Tag)

6.2. Release Time Measurement According To FCC Part 15 Section 15.231(e)

Section 15.231(e) Devices operated under the provisions of this paragraph shall be provided with a means for automatically limiting operation so that the duration of each transmission shall not be greater than one second and the silent period between transmissions shall be at least 30 times the duration of the transmission but in no case less than 10 secondsEUT Configuration on Measurement

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

6.2.1. 433 MHz Active Tag (EUT)

Model Number : 433 MHz Active Tag

Serial Number : N/A

Manufacturer : Shenzhen New Force Communication Technology., Ltd

6.3. Operating Condition of EUT

- 6.3.1. Setup the EUT and simulator as shown as Section 6.1.
- 6.3.2. Turn on the power of all equipment.
- 6.3.3.Let the EUT work in TX mode measure it.

6.4. Test Procedure

- 6.4.1.Set SPA Center Frequency = Fundamental frequency, RBW = 100 kHz, VBW = 300 kHz, Span = 0 Hz. Sweep time = 60 s.
 - 6.4.2.Set EUT as normal operation and press Transmitter button.
 - 6.4.3.Set SPA View. Delta Mark time.

6.5. Measurement Result

433.05MHz

Release Time = 0.540s Silent Time= 40.80s

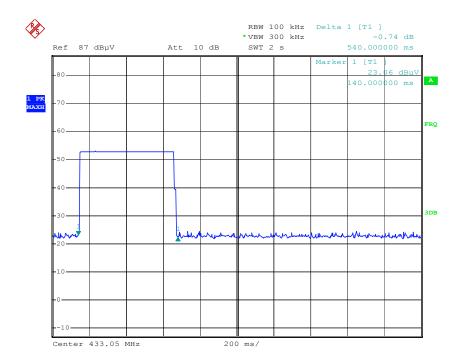
The space of transmitting time=40.80>0.540s*30 =16.20s>10s

434.790MHz

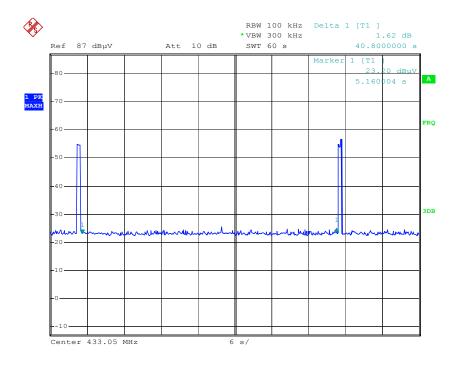
Release Time = 0.540s

Silent Time= 40.80s

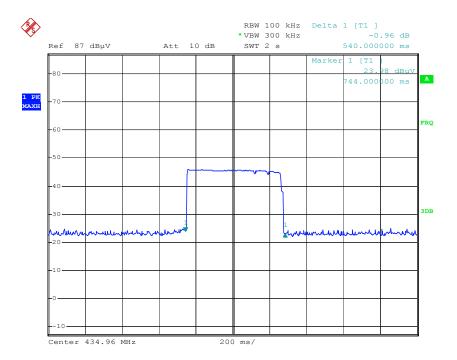
The space of transmitting time=40.80>0.540s*30 =16.20s>10s



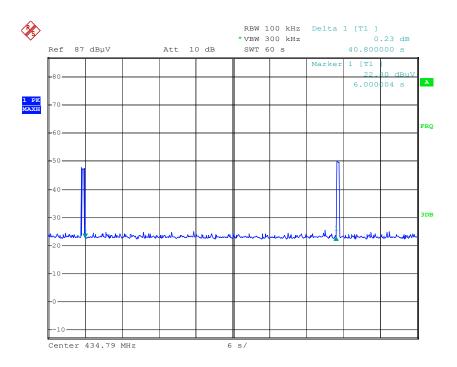
Date: 12.DEC.2012 16:30:11



Date: 1.Nov.2012 17:00:31



Date: 1.Nov.2012 16:28:23



Date: 1.Nov.2012 16:56:27

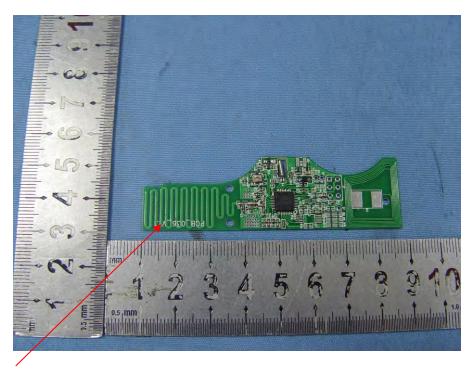
7. ANTENNA REQUIREMENT

7.1.The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

7.2. Antenna Construction

Device is equipped with unique antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.



Antenna

APPENDIX I (Test Curves)



F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China

Job No.: Bob #4111 Standard: 433M AUTO Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 % EUT: 433MHz Active Tag

Mode: TX 433.05MHz Model: NFC-4332

Model: NFC-4332

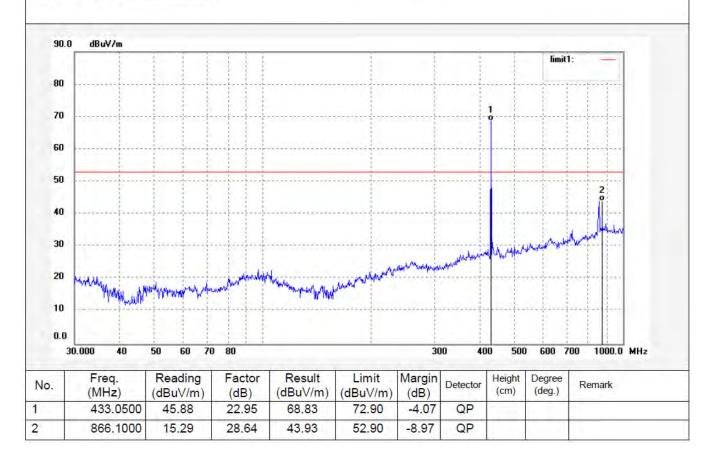
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

Note: Report No.:ATE20122452

Polarization: Vertical Power Source: DC 3V Date: 2012/11/02 Time: 11:10:22

Engineer Signature: Bob

Distance: 3m





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 瞏 龟喷 Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: Bob #4112 Standard: 433M AUTO Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 % EUT: 433MHz Active Tag Mode: TX 433.05MHz

Model: NFC-4332

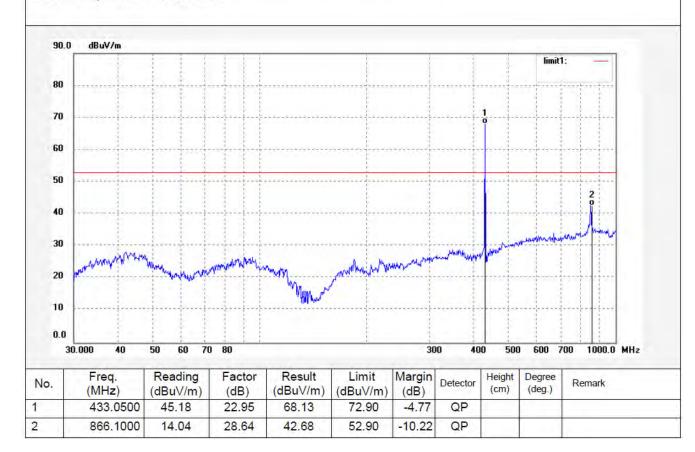
Horizontal Polarization: Power Source: DC 3V Date: 2012/11/02 Time: 11:12:44

Engineer Signature: Bob

Distance: 3m

Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

Report No.:ATE20122452 Note:





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 瞏 龟喷 Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: Bob #4115 Standard: 433M AUTO Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 % EUT:

TX 434.79MHz Mode: Model: NFC-4332

433MHz Active Tag

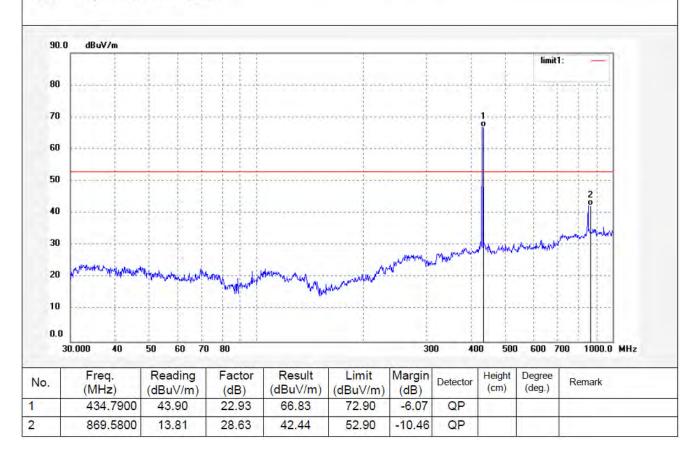
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

Report No.:ATE20122452

Polarization: Vertical Power Source: DC 3V Date: 2012/11/02 Time: 11:22:47

Engineer Signature: Bob

Distance: 3m





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 瞏 龟喷 Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: Bob #4116 Standard: 433M AUTO Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 % EUT: 433MHz Active Tag

TX 434.79MHz Mode: Model: NFC-4332

Horizontal Power Source: DC 3V Date: 2012/11/02 Time: 11:25:59

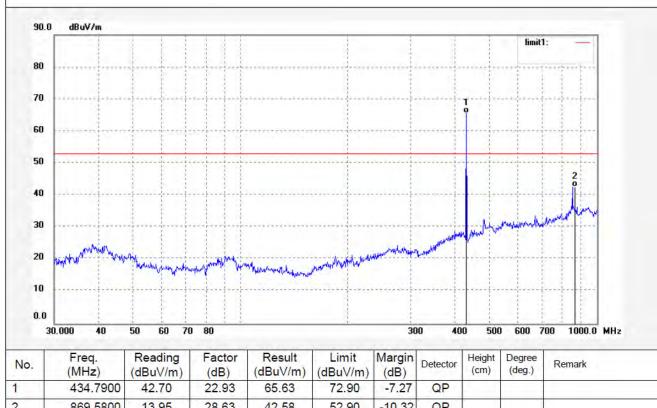
Engineer Signature: Bob

Distance: 3m

Polarization:

Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

Report No.:ATE20122452 Note:





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 瞏 龟喷 Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: Bob #4113

Standard: 433M AUTO ABOVE1G

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 433MHz Active Tag

Mode: TX 433,05MHz Model: NFC-4332

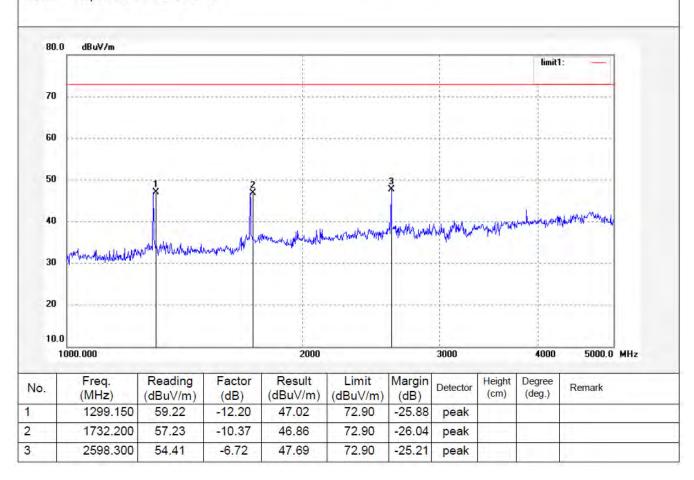
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

Note: Report No.:ATE20122452

Polarization: Horizontal Power Source: DC 3V Date: 2012/11/02 Time: 11:15:54

Engineer Signature: Bob

Distance: 3m





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 瞏 龟喷 Tel:+86-0755-26503290 Fax:+86-0755-26503396

Polarization: Vertical

Power Source: DC 3V

Engineer Signature: Bob

Date: 2012/11/02

Time: 11:18:23

Job No.: Bob #4114

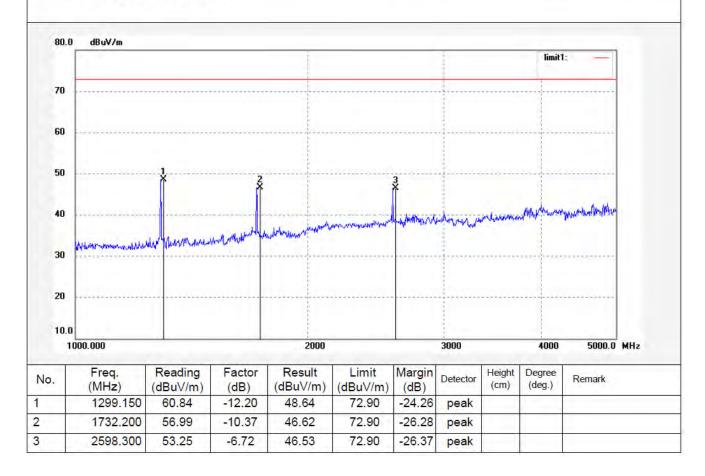
Standard: 433M AUTO ABOVE1G

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 433MHz Active Tag







F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China Site: 瞏 龟喷

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: Bob #4117

Standard: 433M AUTO ABOVE1G

Test item: Radiation Test

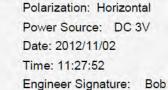
Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 433MHz Active Tag

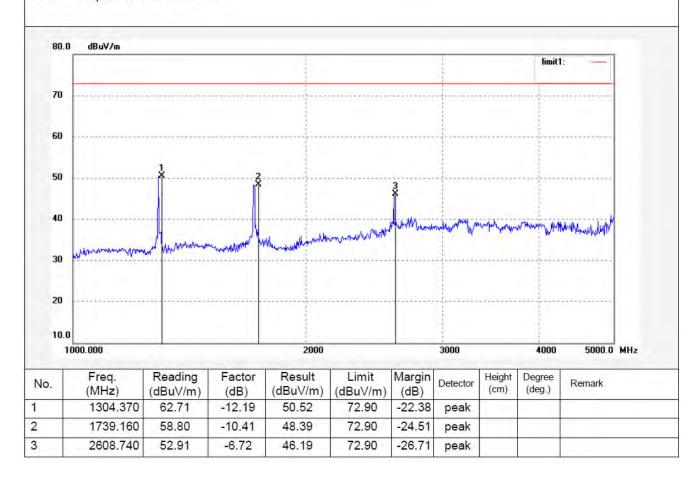
Mode: TX 434.79MHz Model: NFC-4332

Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

Note: Report No.:ATE20122452



Distance: 3m





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 瞏 龟喷 Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: Bob #4118

Standard: 433M AUTO ABOVE1G

Test item: Radiation Test

Temp.(C)/Hum.(%) 24 C / 48 %

EUT: 433MHz Active Tag

Mode: TX 434.79MHz

Model: NFC-4332

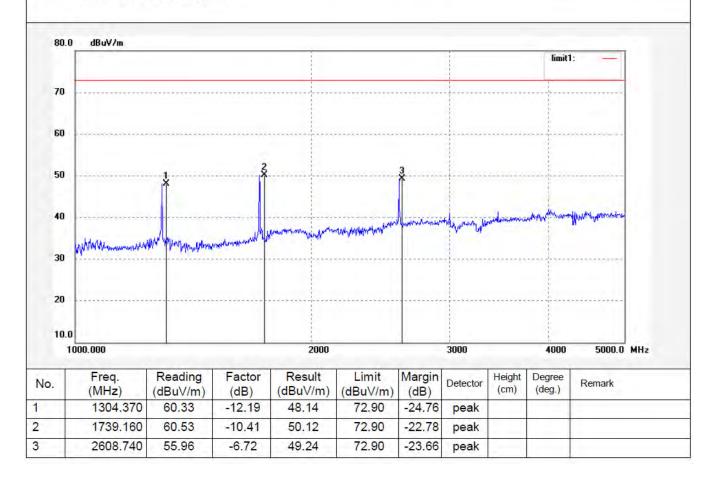
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

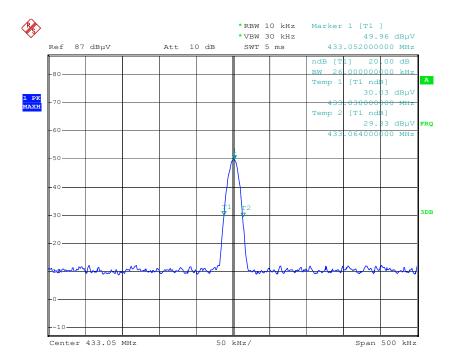
Note: Report No.:ATE20122452

Polarization: Vertical
Power Source: DC 3V
Date: 2012/11/02
Time: 11:29:23

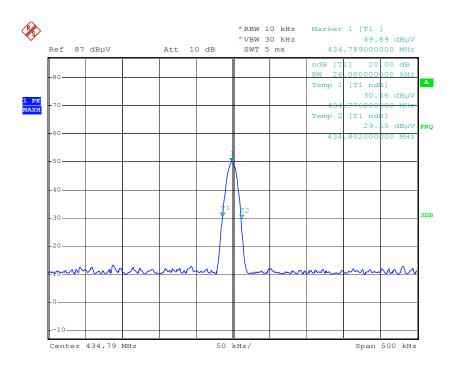
Engineer Signature: Bob

Distance: 3m

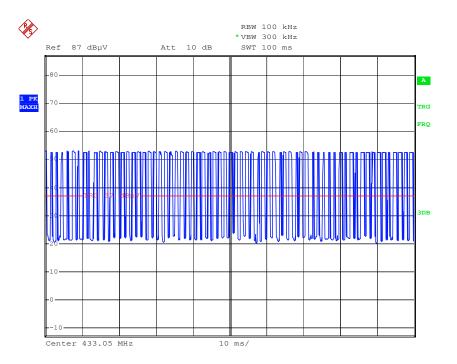




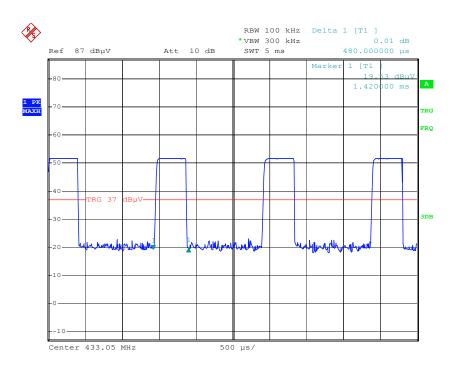
Date: 1.Nov.2012 16:16:08

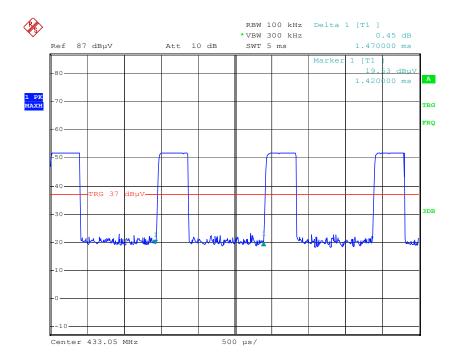


Date: 1.Nov.2012 16:18:41

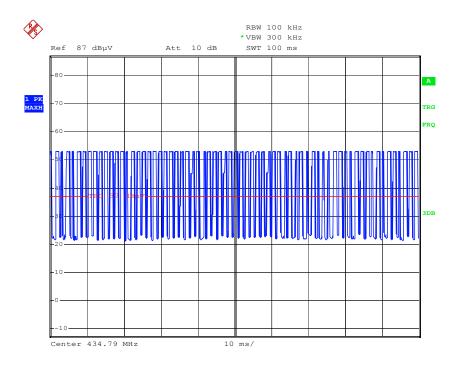


Date: 1.Nov.2012 16:34:05

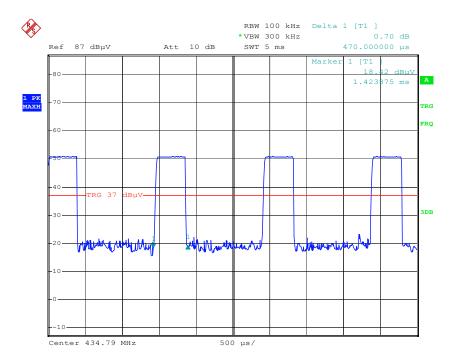




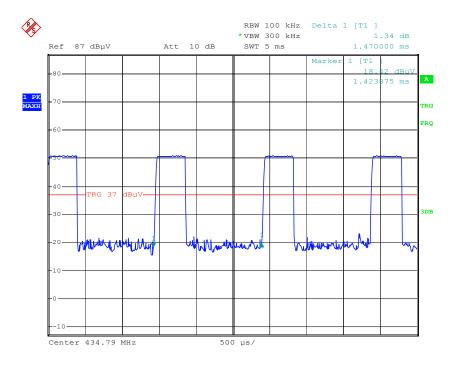
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Date: 1.Nov.2012 16:43:56



Date: 1.Nov.2012 16:45:09



Date: 1.Nov.2012 16:45:31