FCC CERTIFICATION
On Behalf of
Shenzhen New Force Communication Technology Co., Ltd.

2.45GHz Active Tag
Model No.: NFC-2432, NFC-2433, NFC-2435, NFC-2436, NFC-2437, NFC-2438, NFC-2439, NFC-2460, NFC-2461, NFC-2462

FCC ID: VM7-NFC-2432

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	:	ATE20122447
Date of Test	:	October 24-November 10, 20112
Date of Report	:	November 12, 20112

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Description Page

Test Report Certification

Applicant	:	Shenzhen New Force Communication Technology Co., Ltd.
Manufacturer	:	Shenzhen New Force Communication Technology Co., Ltd.
EUT Description	:	2.45GHz Active Tag

(A) MODEL NO.: NFC-2432, NFC-2433, NFC-2435, NFC-2436, NFC-2437, NFC-2438, NFC-2439, NFC-2460, NFC-2461, NFC-2462

(B) POWER SUPPLY: 3V DC ("CR3032" batteries 2×)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.249
ANSI C63.4: 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 Section15.249 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 : October 24-November 10, 20112

Prepared by :

(Engineer)

Approved & Authorized Signer :

(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	2.45GHz Active Tag
Model Number	:	NFC-2432, NFC-2433, NFC-2435, NFC-2436, NFC-2437, NFC-2438, NFC-2439, NFC-2460, NFC-2461, NFC-2462 (Note: These samples are identical, except the model name is difference. Therefore only model NFC-2432 is tested for EMC tests.)
Power Supply	:	3V DC ("CR3032" batteries 2×)
Operate Frequency	:	2401.000-2481.000MHz
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	:	October 24, 2012
Date of Test	:	October 24-November 10, 20112

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 dates	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	CBLU1183540-01	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 15.249(a)	Fundamental and Harmonics Radiated Emission	Compliant
Section 15.249(d)	Spurious Radiated Emission	Compliant
Section 15.249(d)	Band Edge	Compliant
Section 15.203	Antenna Requirement	Compliant

Remark: “N/A” means “Not applicable”.

4. FUNDAMENTAL AND HARMONICS RADIATED EMISSION FOR SECTION 15.249(A)

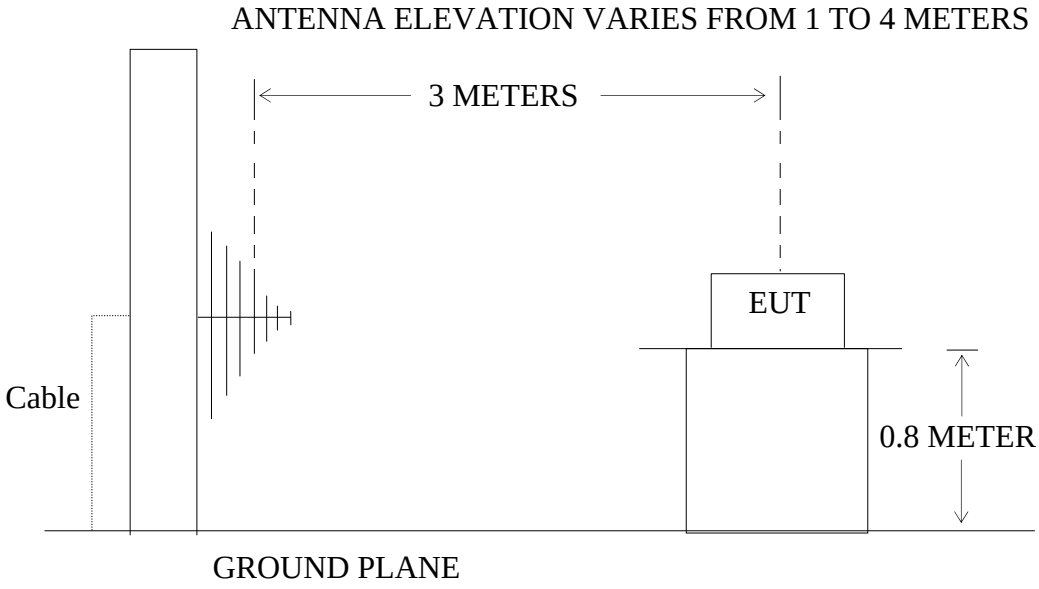
4.1.Block Diagram of Test Setup

4.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 2.45GHz Active Tag)

4.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: 2.45GHz Active Tag)

4.2.The Emission Limit

4.2.1.For intentional radiators, according to section 15.249(a), operation within the frequency band of 2.4 to 2.4835GHz, the fundamental field strength shall not exceed 94 dBμV/m and the harmonics shall not exceed 54 dBμV/m.

Fundamental Frequency	Field Strength of Fundamental (millivolts/meter)	Field Strength of harmonics (microvolts/meter)
902-928MHz	50	500
2400-2483.5MHz	50	500
5725-5875MHz	50	500
24.0-24.25GHz	250	2500

4.2.2.According to section 15.249(e), as shown in section 15.35(b), the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

4.3.Configuration of EUT on Measurement

The following equipment are 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. 2.45GHz Active Tag (EUT)

Model Number	**:**	NFC-2432
Serial Number	**:**	N/A
Manufacturer	**:**	Shenzhen New Force Communication Technology Co., 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 modes measure it. The transmit frequency are 2401.000 - 2481.000 MHz MHz. We are select 2401.000MHz, 2441.000MHz, 2481.000MHz TX frequency to transmit.

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 interface cables must be manipulated according to ANSI C63.4: 2009 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

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

The frequency range from 30MHz to 25000MHz is checked.

4.6. The Field Strength of Radiation Emission Measurement Results

PASS.

Date of Test:	November 1, 2012	Temperature:	25°C
EUT:	2.45GHz Active Tag	Humidity:	50%
Model No.:	NFC-2432	Power Supply:	DC 3V
Test Mode:	TX 2401.000MHz	Test Engineer:	Pei

Fundamental Radiated Emissions

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2401.000	70.000	74.84	-7.46	62.54	67.38	94	114	-31.46	-46.62	Vertical
2401.000	78.02	81.34	-7.46	70.56	73.88	94	114	-23.44	-40.12	Horizontal

Harmonics Radiated Emissions

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 in appendix I display the measurement of peak values.

Date of Test:	November 1, 2012	Temperature:	25°C
EUT:	2.45GHz Active Tag	Humidity:	50%
Model No.:	NFC-2432	Power Supply:	DC 3V
Test Mode:	TX 2441.000MHz	Test Engineer:	Pei

Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2441.000	71.14	75.65	-7.35	63.79	68.30	94	114	-30.21	-45.70	Vertical
2441.000	77.92	81.67	-7.35	70.57	74.32	94	114	-23.43	-39.68	Horizontal

Harmonics Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 in appendix I display the measurement of peak values.

Date of Test:	November 1, 2012	Temperature:	25°C
EUT:	2.45GHz Active Tag	Humidity:	50%
Model No.:	NFC-2432	Power Supply:	DC 3V
Test Mode:	TX 2481.000MHz	Test Engineer:	Pei

Fundamental Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2481.000	75.51	72.01	-7.37	68.14	64.64	94	114	-25.86	-49.36	Vertical
2481.000	78.02	81.47	-7.37	70.65	74.10	94	114	-23.35	-39.90	Horizontal

Harmonics Radiated Emissions

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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 in appendix I display the measurement of peak values.

5. SPURIOUS RADIATED EMISSION FOR SECTION 15.249(D)

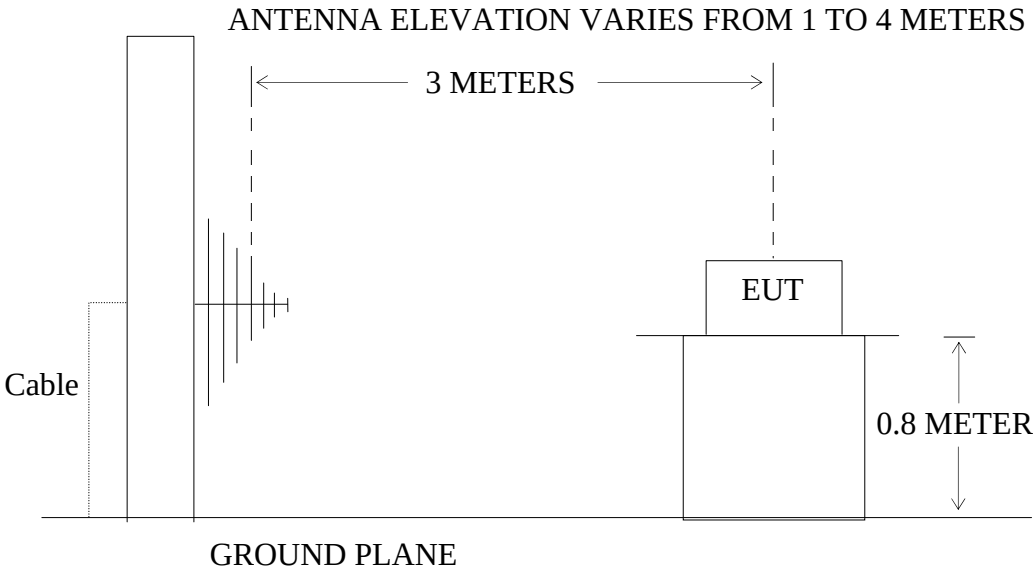
5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: 2.45GHz Active Tag)

5.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: 2.45GHz Active Tag)

5.2.The Emission Limit For Section 15.249(d)

5.2.1.Emission radiated outside of the specified frequency bands, except for harmonics, shall be comply with the general radiated emission limits in Section 15.209.

Radiation Emission Measurement Limits According to Section 15.209

Frequency (MHz)	Limit		
	Field Strength (microvolts/meter)	Measurement Distance (meters)	The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector.
0.009 – 0.490	2400/F(kHz)	300	

0.490 – 1.705	24000/F(kHz)	30	Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.
1.705 – 30.0	30	30	
30 - 88	100	3	
88 - 216	150	3	
216 - 960	200	3	
Above 960	500	3	

5.3.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.

5.3.1. 2.45GHz Active Tag (EUT)

Model Number : NFC-2432
Serial Number : N/A
Manufacturer : Shenzhen New Force Communication Technology Co., Ltd.

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 TX modes measure it. The transmit frequency are 2401.000 - 2481.000 MHz. We are select 2401.000MHz, 2441.000MHz, 2481.000MHz TX frequency to transmit.

5.5. 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: 2009 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The bandwidth of test receiver is set at 9kHz in below 30MHz. and set at 120kHz in 30-1000MHz, and 1MHz in above 1000MHz.

The frequency range from 9kHz to 25GHz is checked.

The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector. Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.

5.6. The Emission Measurement Result

PASS.

Date of Test:	November 1, 2012	Temperature:	25°C
EUT:	2.45GHz Active Tag	Humidity:	50%
Model No.:	NFC-2432	Power Supply:	DC 3V
Test Mode:	TX 2401.000MHz	Test Engineer:	Pei

Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

30MHz-25GHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	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 in appendix I display the measurement of peak values.

Date of Test:	November 1, 2012	Temperature:	25°C
EUT:	2.45GHz Active Tag	Humidity:	50%
Model No.:	NFC-2432	Power Supply:	DC 3V
Test Mode:	TX 2441.000MHz	Test Engineer:	Pei

Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

30MHz-25GH

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	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 in appendix I display the measurement of peak values.

Date of Test:	November 1, 2012	Temperature:	25°C
EUT:	2.45GHz Active Tag	Humidity:	50%
Model No.:	NFC-2432	Power Supply:	DC 3V
Test Mode:	TX 2481.000MHz	Test Engineer:	Pei

Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

30MHz-25GH

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	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 in appendix I display the measurement of peak values.

6. BAND EDGES

6.1.The Requirement

6.1.1.Band Edge from 2400MHz to 2483.5MHz. Emission radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

6.2.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.

6.2.1. 2.45GHz Active Tag (EUT)

Model Number	**:**	NFC-2432
Serial Number	**:**	N/A
Manufacturer	**:**	Shenzhen New Force Communication Technology Co., Ltd.

6.3.Operating Condition of EUT

6.3.1.Setup the EUT and simulator as shown as Section 4.1.

6.3.2.Turn on the power of all equipment.

6.3.3. Let the EUT work in TX modes measure it. The transmit frequency are 2401.000-2481.000MHz MHz. We are select 2401.000MHz, 2481.000MHz TX frequency to transmit.

6.4.Test Procedure

1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
   RBW=1MHz, VBW=1MHz

6.5.The Measurement Result

Pass.

Date of Test:	November 1, 2012	Temperature:	25°C
EUT:	2.45GHz Active Tag	Humidity:	50%
Model No.:	NFC-2432	Power Supply:	DC 3V
Test Mode:	TX 2401.000MHz	Test Engineer:	Pei

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2310.000	38.25	43.08	-7.81	30.44	35.27	54.00	74.00	-23.56	-38.73	Vertical
2330.017	40.58	46.32	-7.80	32.78	38.52	54.00	74.00	-21.22	-35.48	Vertical
2390.000	43.25	49.26	-7.53	35.72	41.73	54.00	74.00	-18.28	-32.27	Vertical
2310.000	37.89	45.71	-7.81	30.08	37.90	54.00	74.00	-23.92	-36.10	Horizontal
2300.017	39.22	46.32	-7.80	31.42	38.52	54.00	74.00	-22.58	-35.48	Horizontal
2390.000	45.12	51.70	-7.53	37.59	44.17	54.00	74.00	-16.41	-29.83	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 in appendix I display the measurement of peak values.

Date of Test:	November 1, 2012	Temperature:	25°C
EUT:	2.45GHz Active Tag	Humidity:	50%
Model No.:	NFC-2432	Power Supply:	DC 3.0V
Test Mode:	TX 2481.000MHz	Test Engineer:	Pei

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	37.82	45.145	-7.37	30.45	37.77	54.00	74.00	-23.55	-36.23	Vertical
2490.834	40.18	47.58	-7.38	32.80	40.20	54.00	74.00	-21.20	-33.80	Vertical
2500.000	38.15	44.79	-7.40	30.75	37.39	54.00	74.00	-23.25	-36.61	Vertical
2483.500	41.00	46.99	-7.37	33.63	39.62	54.00	74.00	-20.37	-34.38	Horizontal
2490.993	44.28	50.40	-7.38	36.90	43.02	54.00	74.00	-17.10	-30.98	Horizontal
2500.000	37.05	43.67	-7.40	29.65	36.27	54.00	74.00	-24.35	-37.73	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 in appendix I display the measurement of peak values.

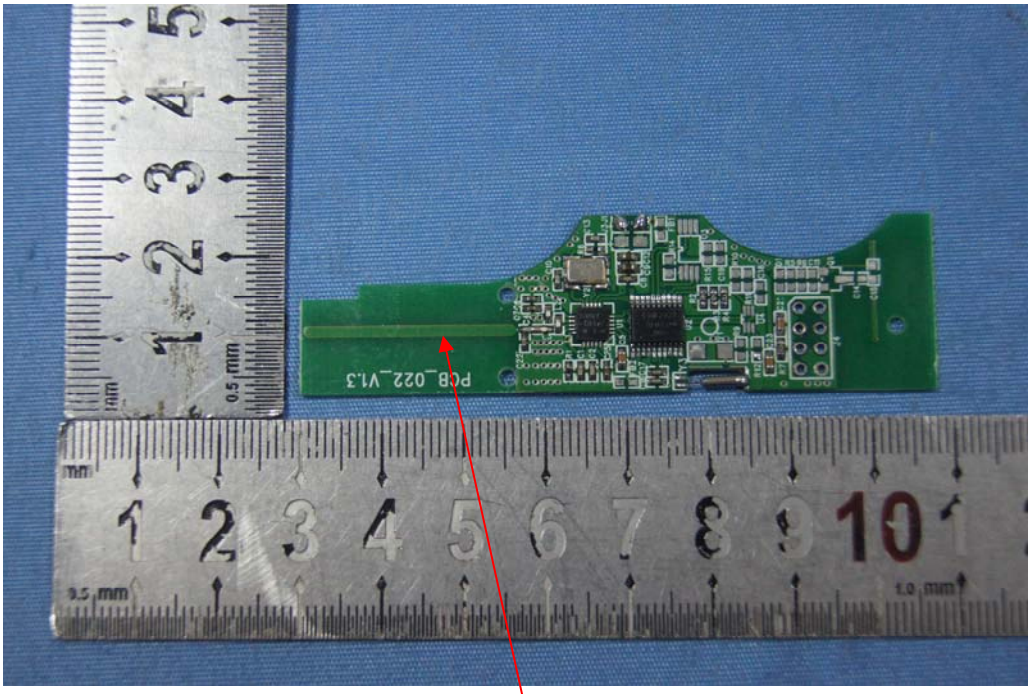
7. ANTENNA REQUIREMENT

7.1. The Requirement

7.1.1. 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

The antenna is PCB Layout antenna, no consideration of replacement.

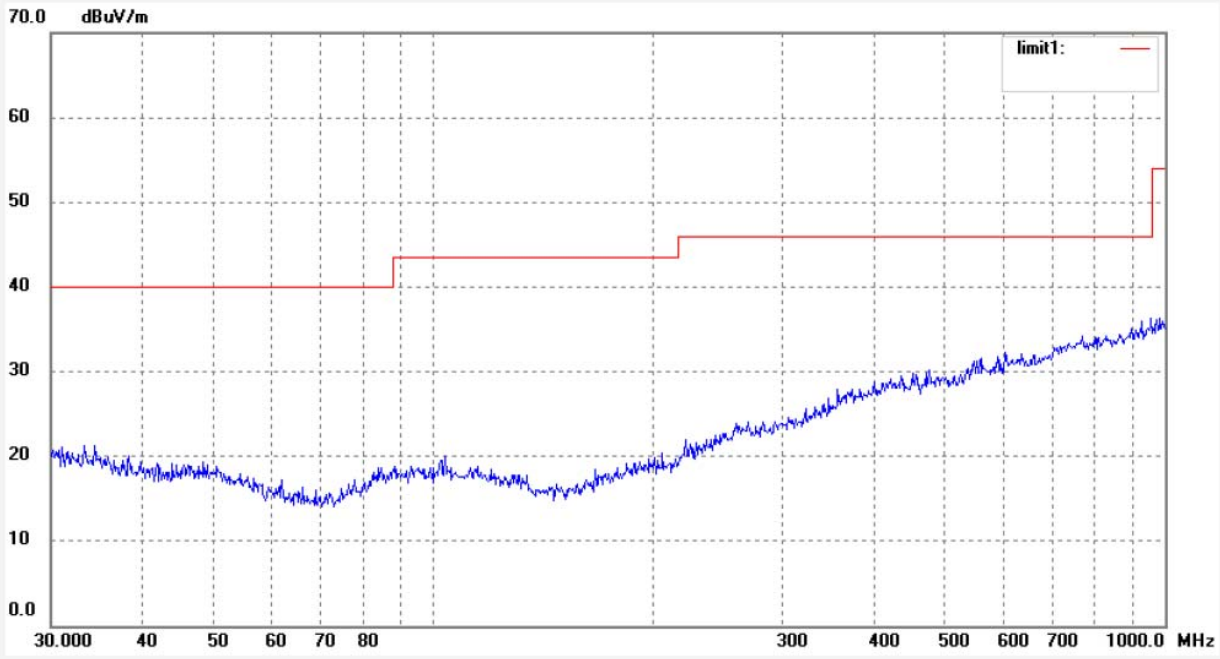


APPENDIX I
(Test Curves)

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #3035	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 7/20/59
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2401MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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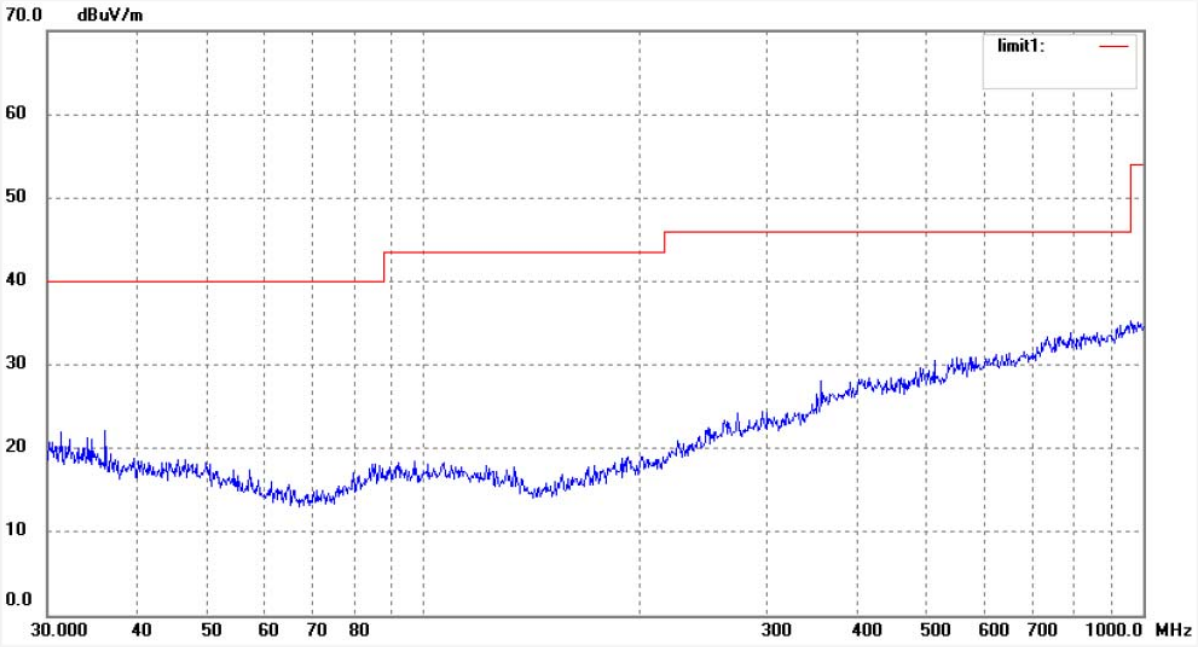
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #3036	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 7/23/39
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2401MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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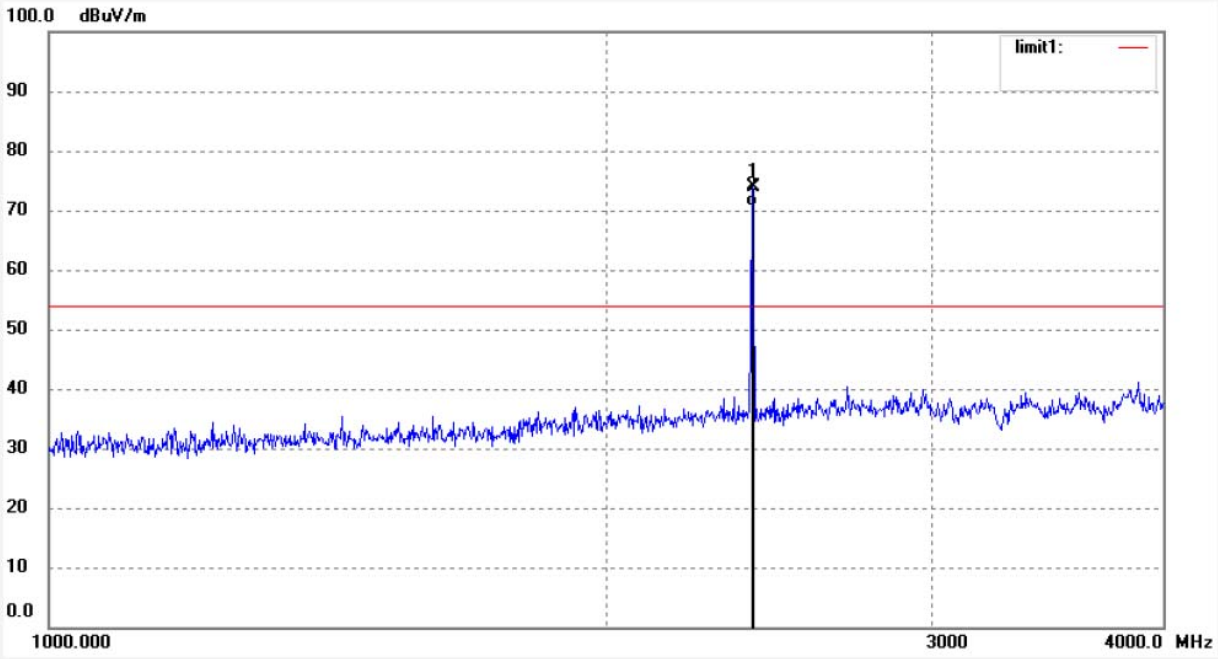
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #3047
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.45GHz Active Tag
Mode: TX2401MHz
Model: NFC-2432
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

Polarization: Horizontal
Power Source: DC 3V
Date: 12/11/01/
Time: 7/58/06
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2401.000	81.34	-7.46	73.88	114.00	-40.12	peak			
2	2401.000	78.02	-7.46	70.56	94.00	-23.44	AVG			

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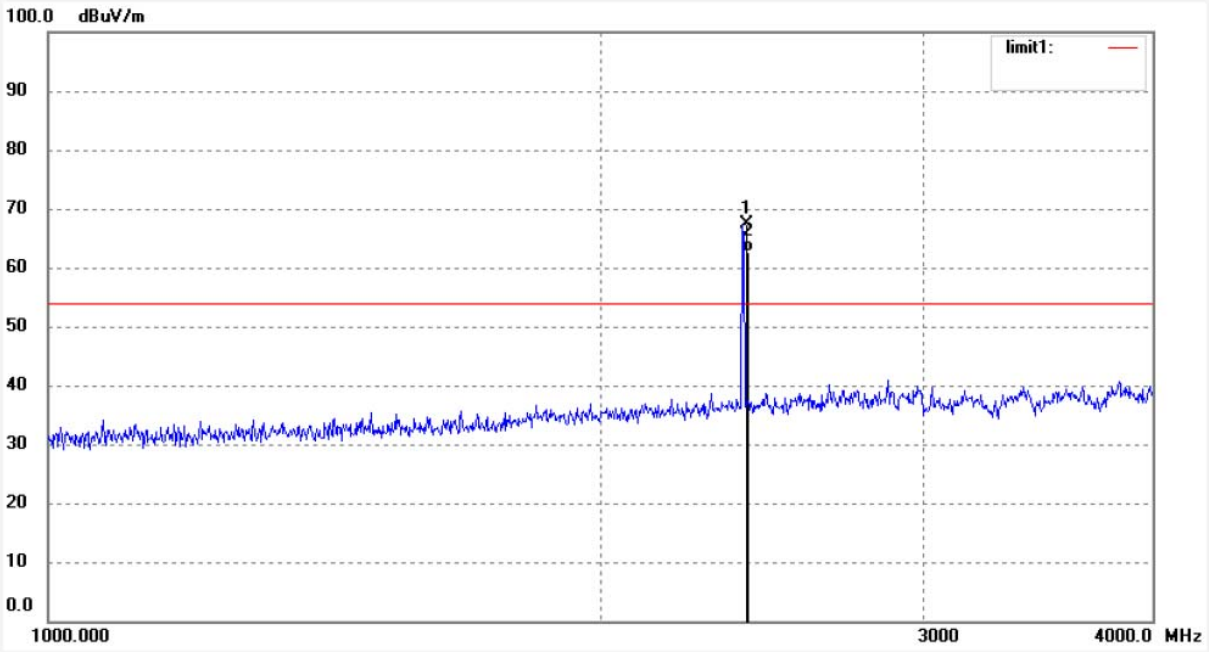
Fax:+86-0755-26503396

Job No.: STAR #3048	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 8/02/35
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2401MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2401.000	74.84	-7.46	67.38	114.00	-46.62	peak			
2	2401.000	70.00	-7.46	62.54	94.00	-31.46	AVG			

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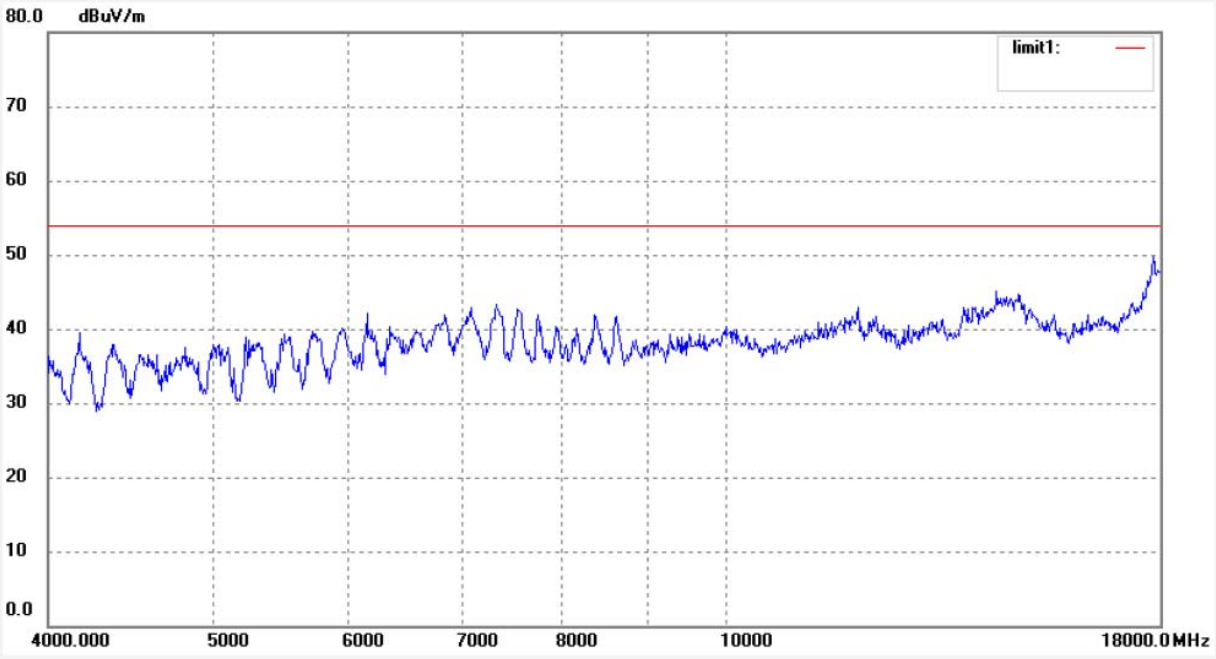
Fax:+86-0755-26503396

Job No.: STAR #3084	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/45/21
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2401MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447

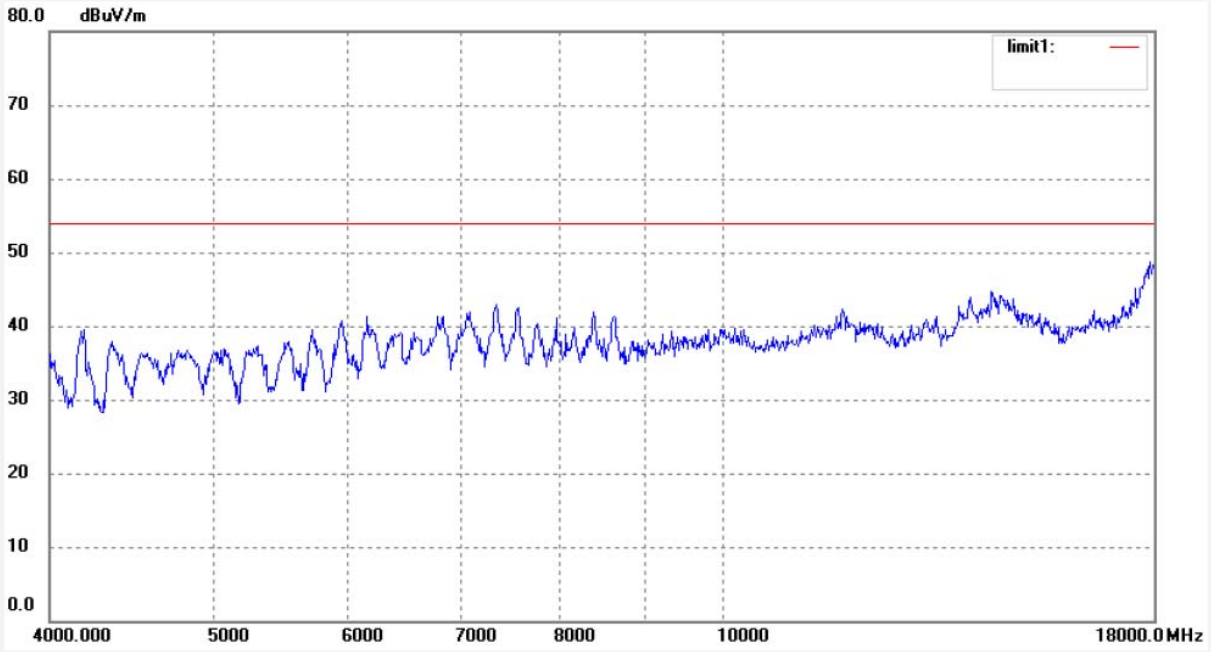


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #3085	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/48/37
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2401MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447

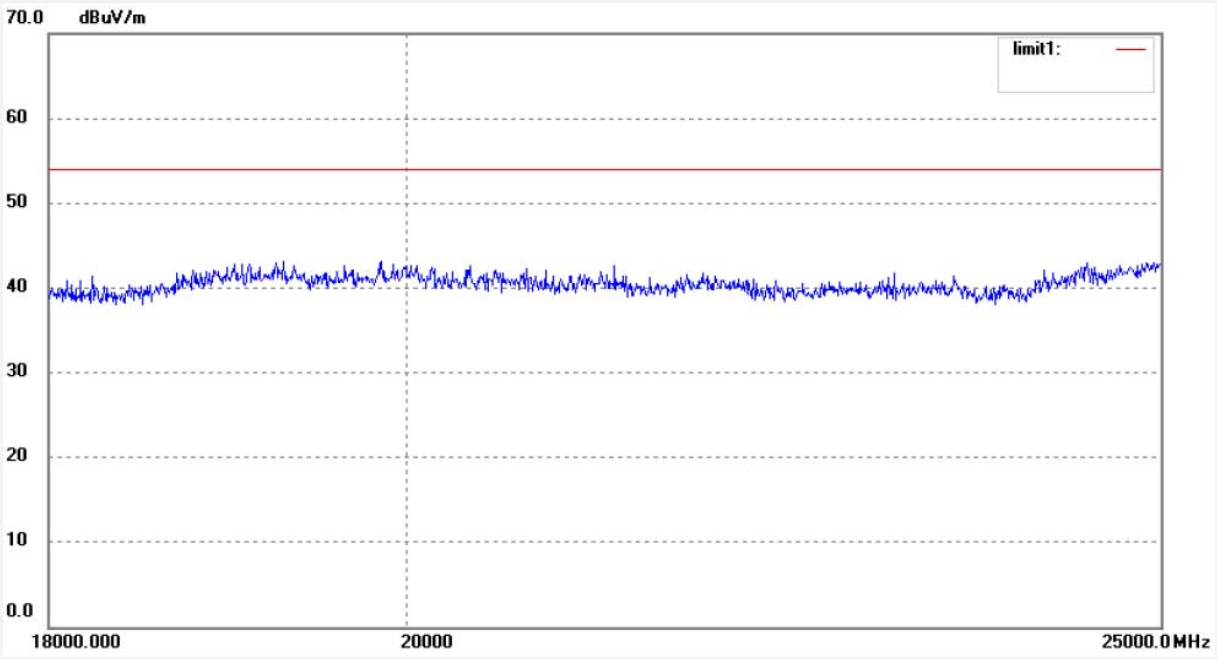


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #2539	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/10/31/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 11/59/53
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX 2401MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447

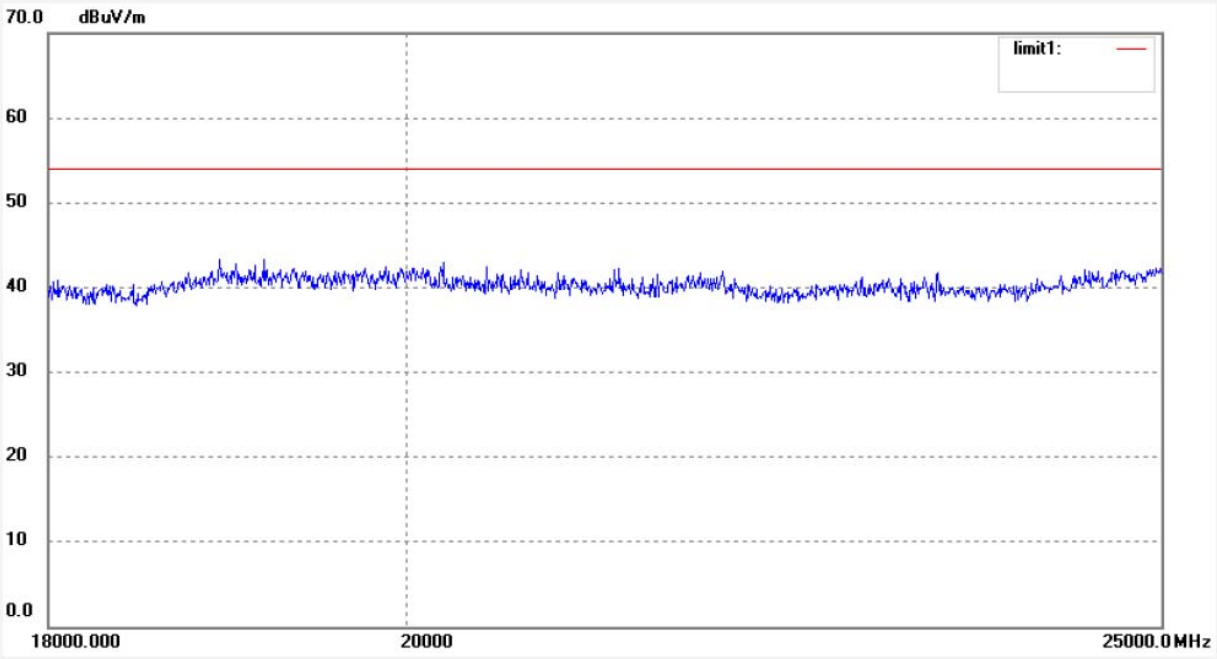


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #2540	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/10/31/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 12/04/12
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX 2401MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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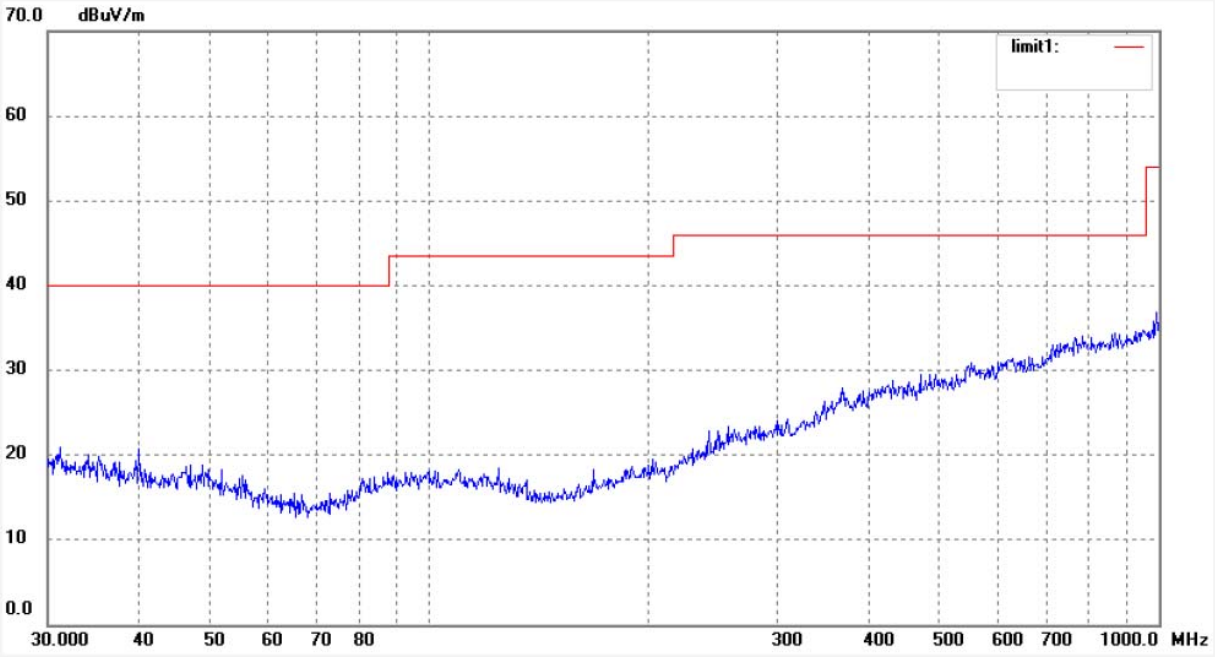
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #3038	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 7/31/23
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2441MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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Site: 966 chamber
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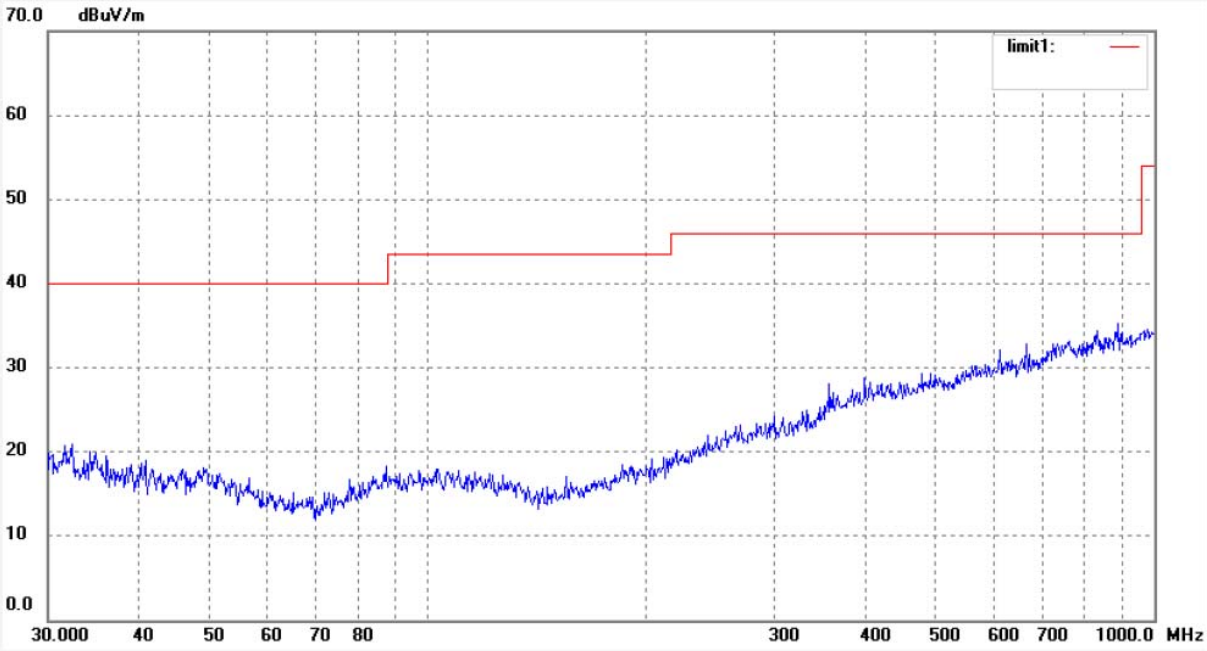
Fax:+86-0755-26503396

Job No.: STAR #3037	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 7/28/51
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2441MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447

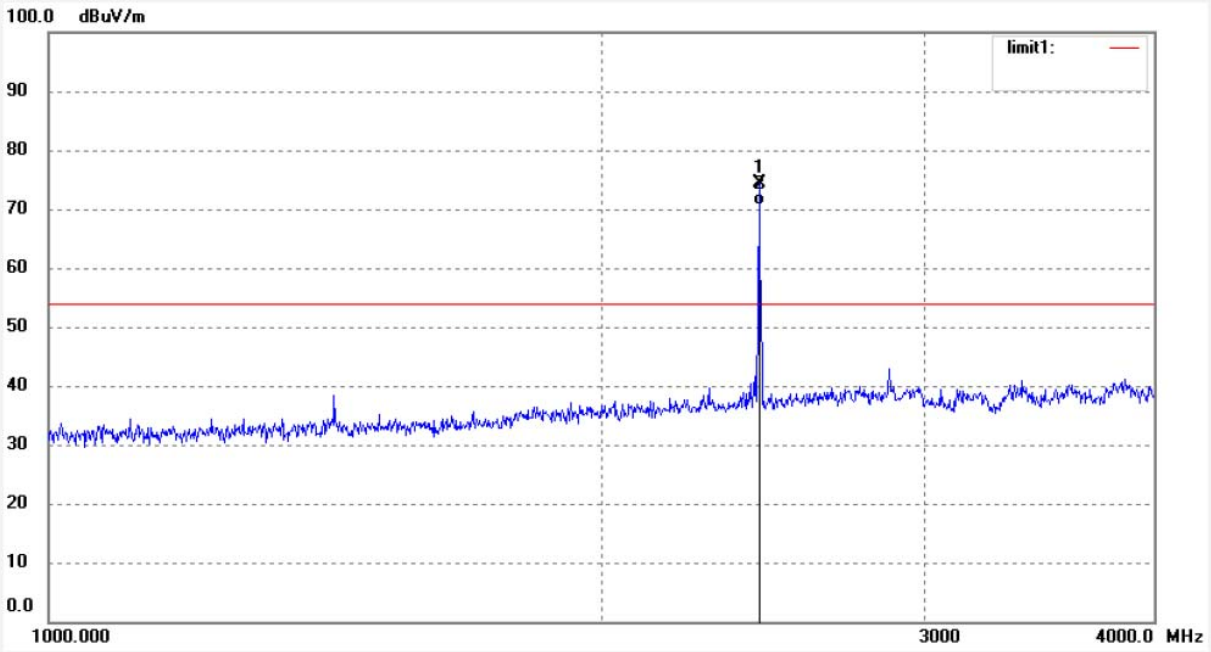


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #3050	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 8/08/09
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2441MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	81.67	-7.35	74.32	114.00	-39.68	peak			
2	2441.000	77.92	-7.35	70.57	94.00	-23.43	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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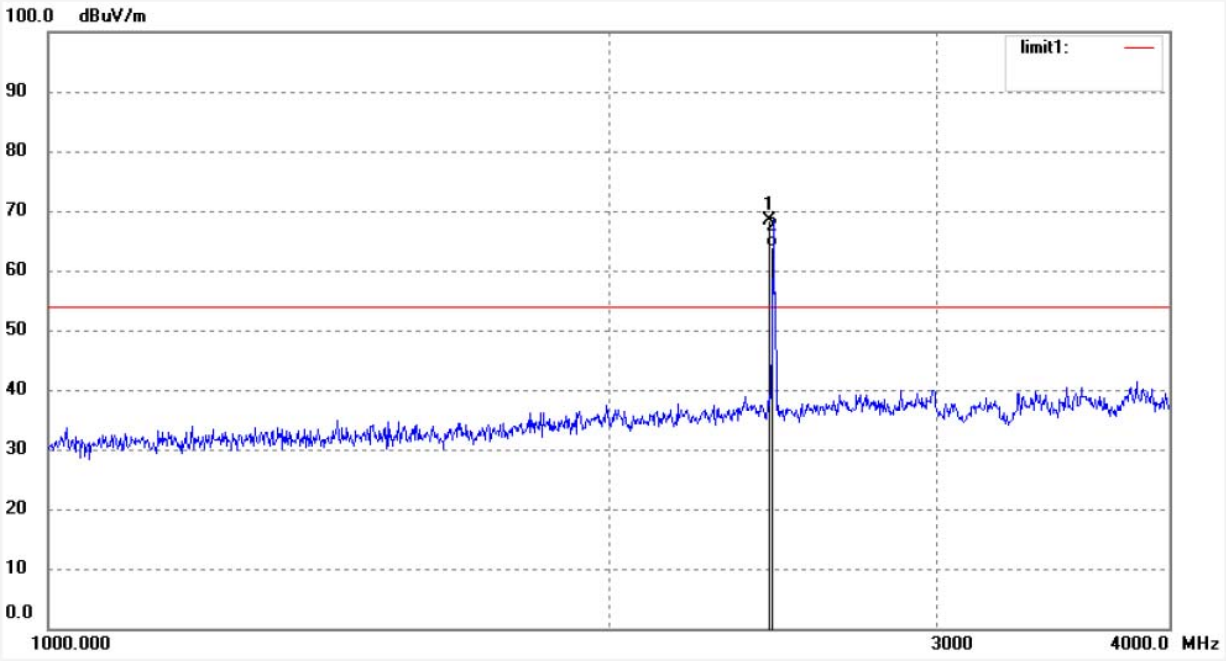
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #3049
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.45GHz Active Tag
Mode: TX2441MHz
Model: NFC-2432
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

Polarization: Vertical
Power Source: DC 3V
Date: 12/11/01/
Time: 8/05/11
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	75.65	-7.35	68.30	114.00	-45.70	peak			
2	2441.000	71.14	-7.35	63.79	94.00	-30.21	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
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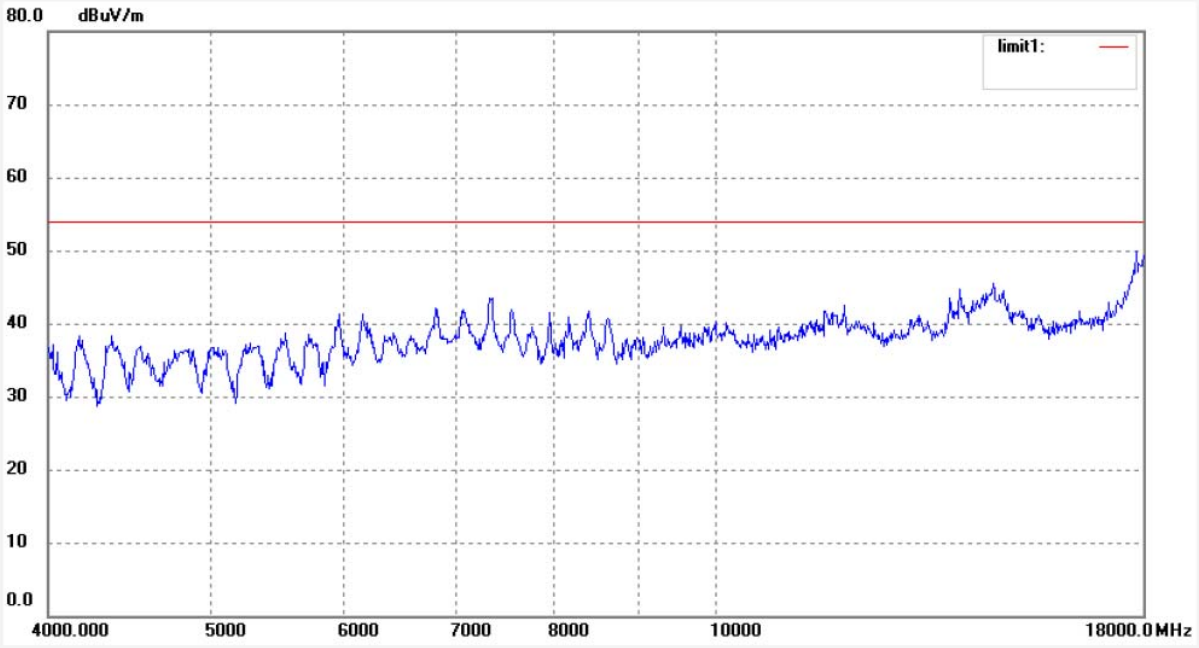
Fax:+86-0755-26503396

Job No.: STAR #3087	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/56/19
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2441MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447

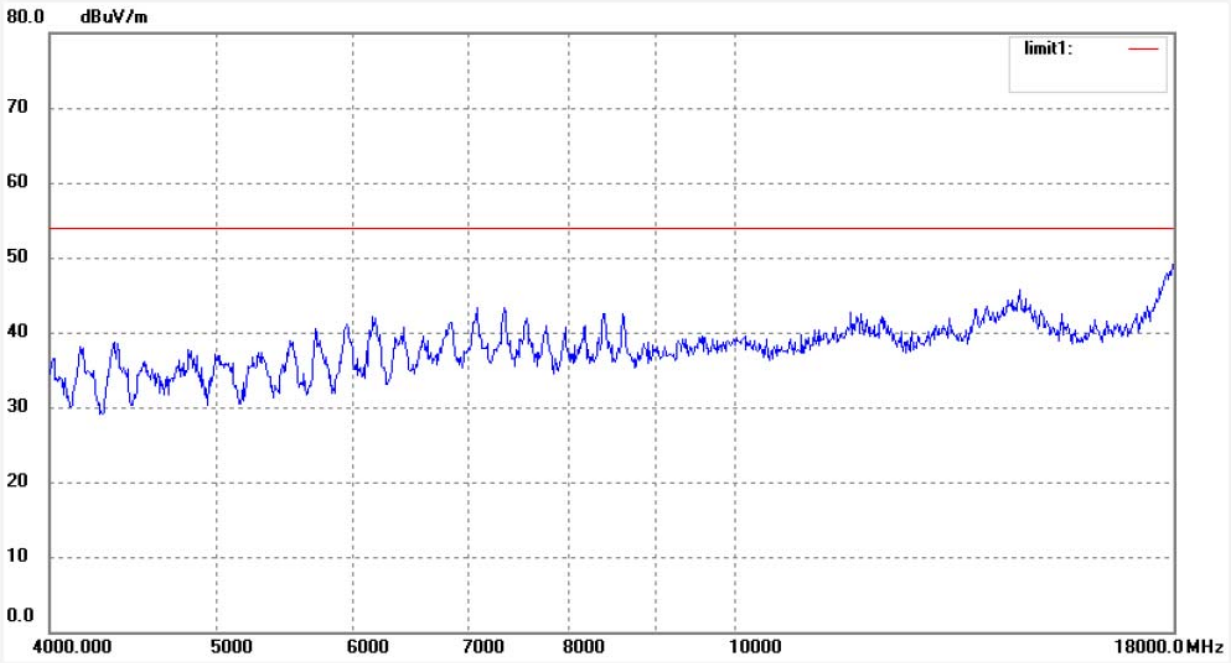


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #3086	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/52/58
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2441MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447

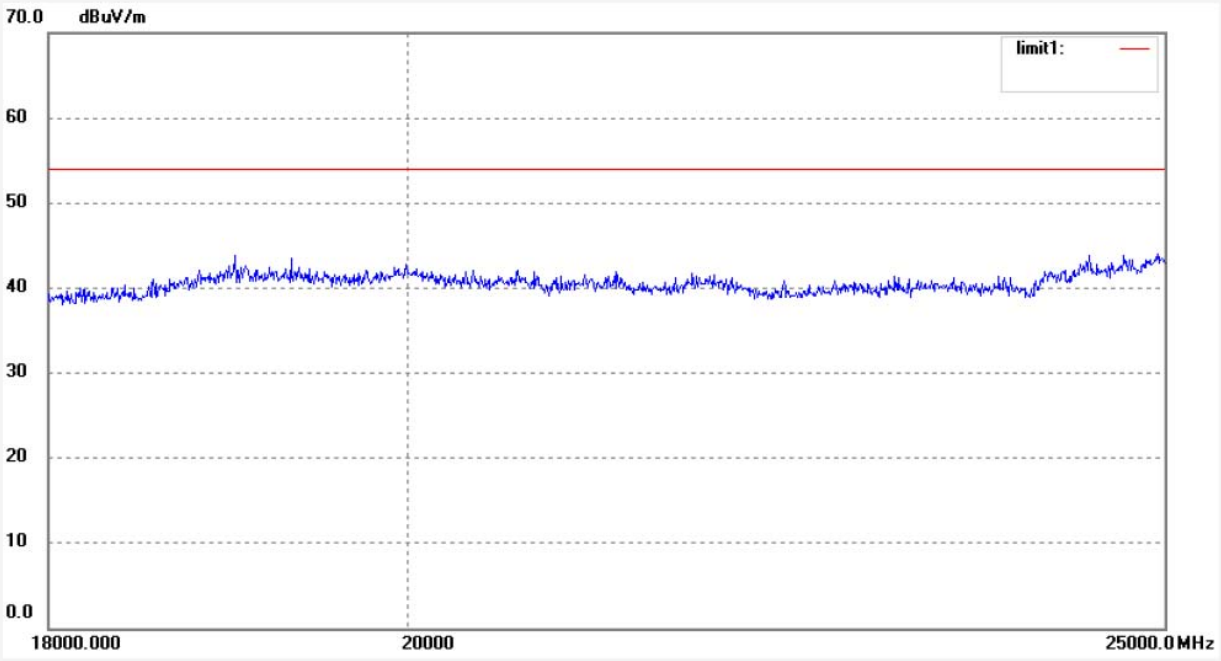


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #2542	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/10/31/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 12/12/12
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX 2441MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447

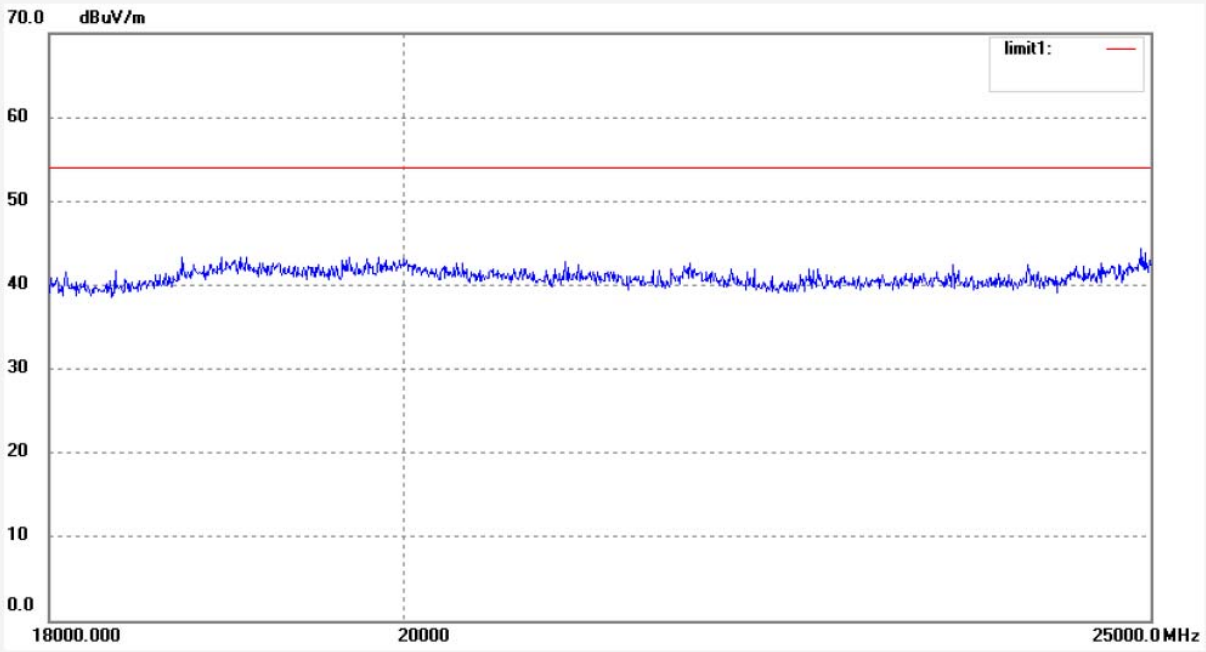


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: star #2541	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/10/31/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 12/09/07
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX 2441MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447

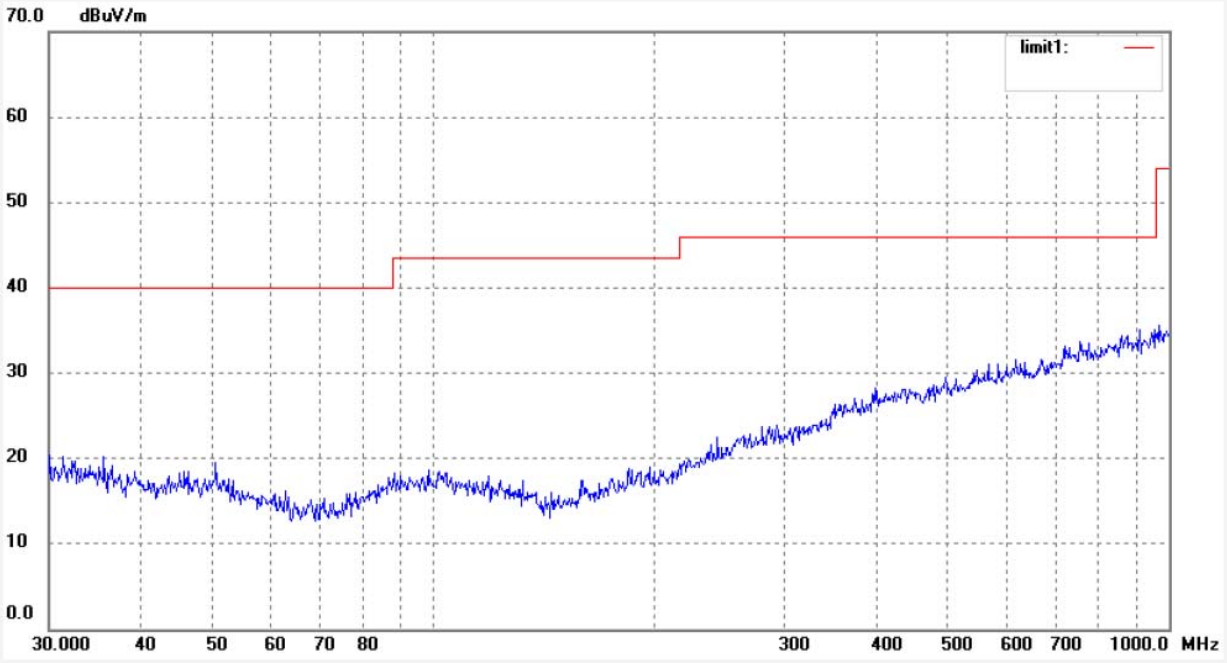


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #3039	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 7/34/42
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2481MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447

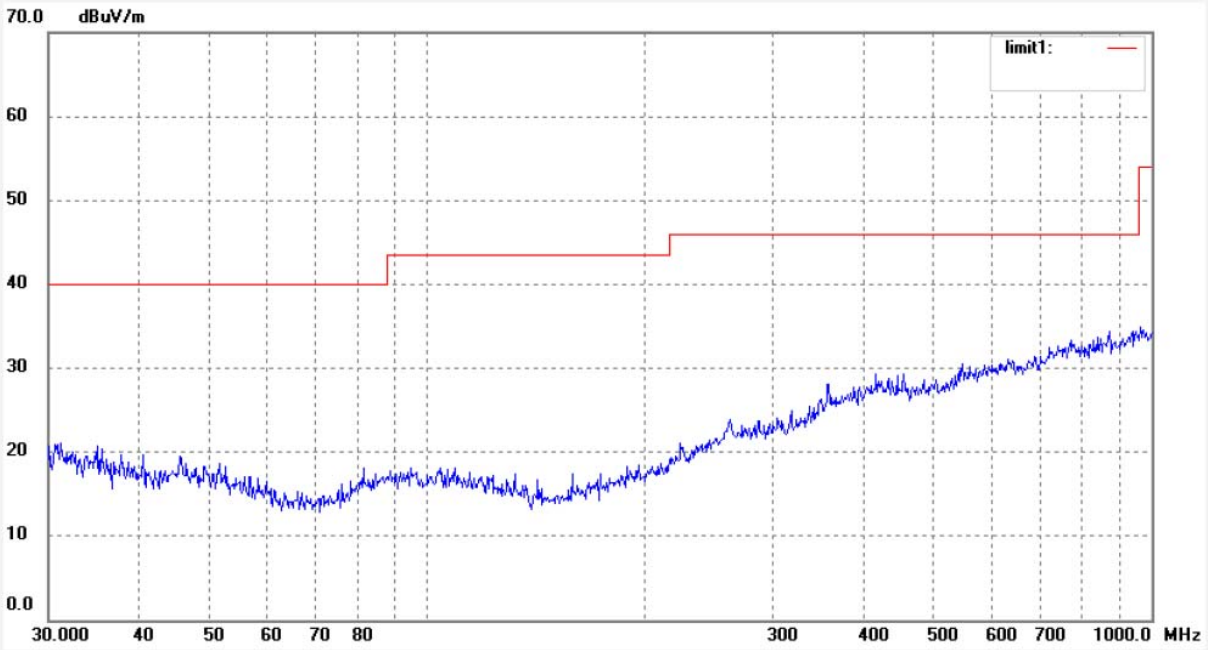


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #3040	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 7/38/15
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2481MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



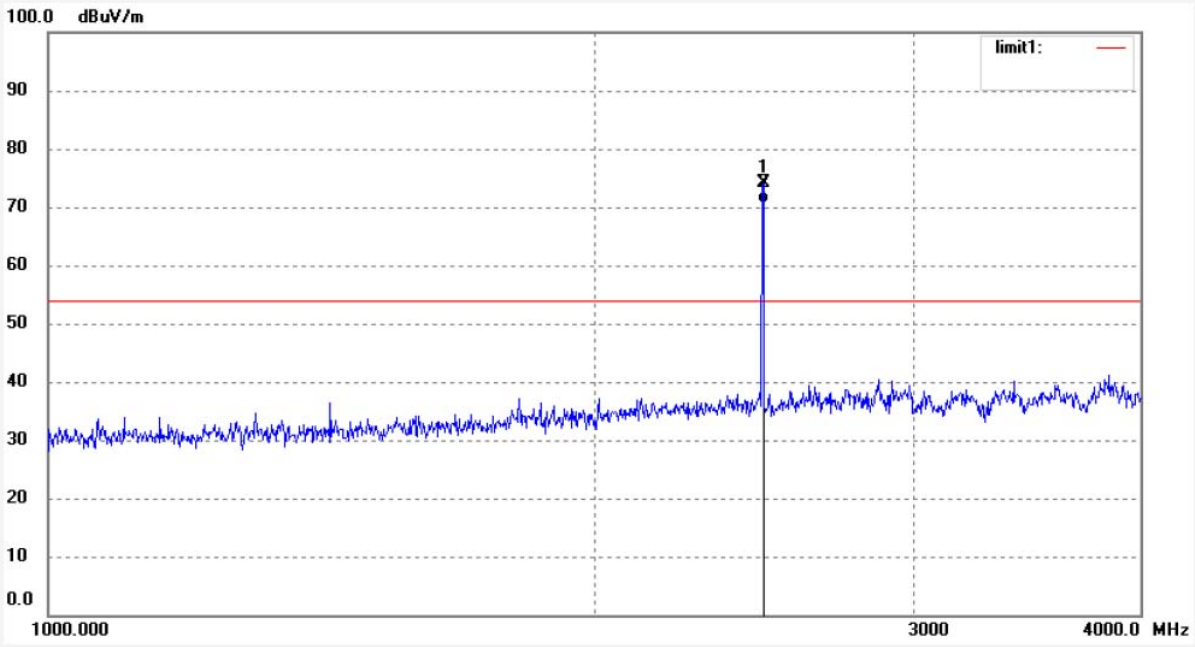
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: STAR #3051
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 49 %
EUT: 2.45GHz Active Tag
Mode: TX2481MHz
Model: NFC-2432
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

Polarization: Horizontal
Power Source: DC 3V
Date: 12/11/01/
Time: 8/11/04
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2481.000	81.47	-7.37	74.10	114.00	-39.90	peak			
2	2481.000	78.02	-7.37	70.65	94.00	-23.35	AVG			

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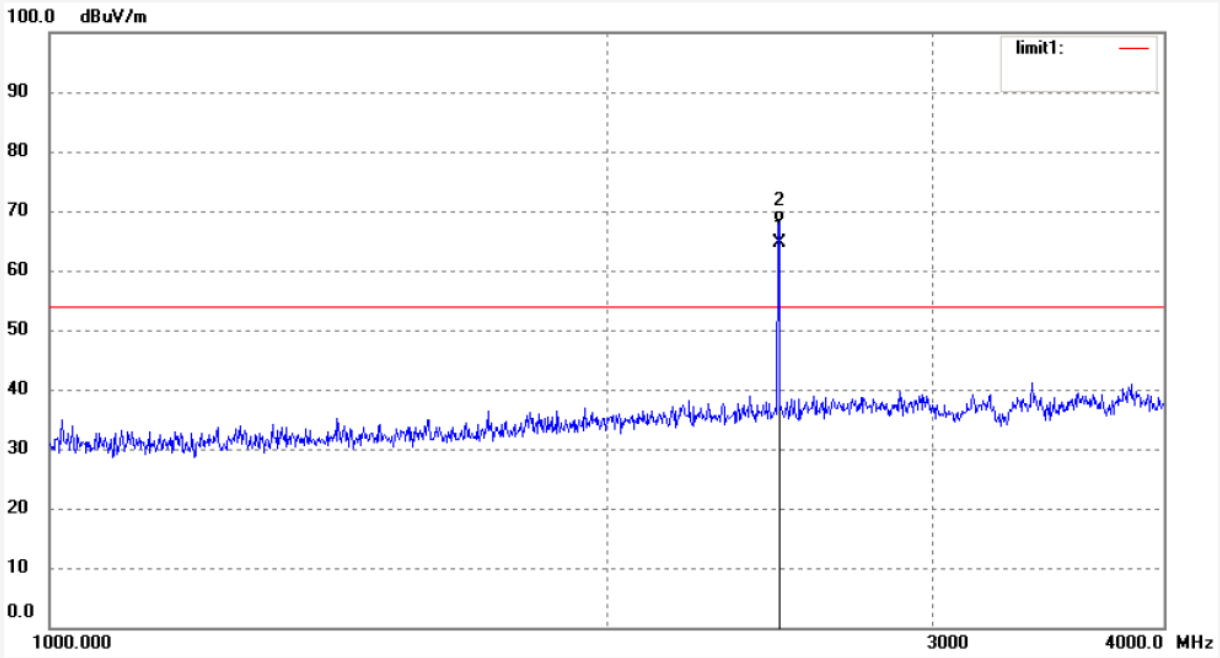
Job No.: STAR #3052	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 8/15/52
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2481MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2481.000	72.01	-7.37	64.64	114.00	-49.36	peak			
2	2481.000	75.51	-7.37	68.14	94.00	-25.86	AVG			

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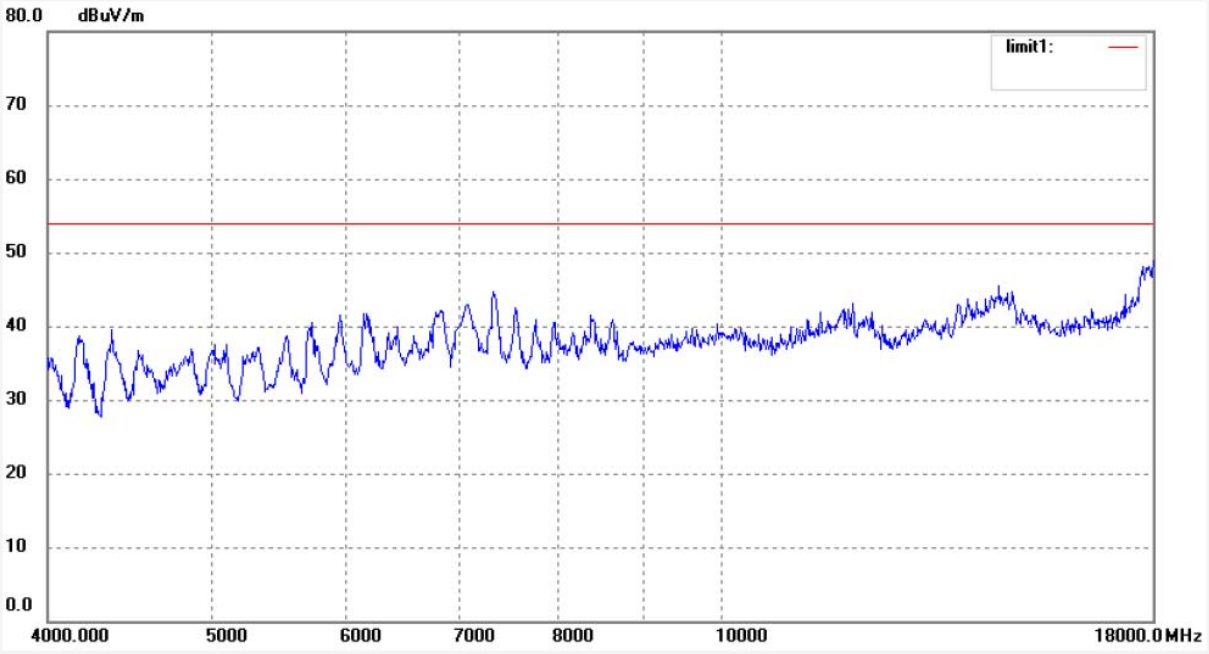
Job No.: STAR #3088	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 10/59/37
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2481MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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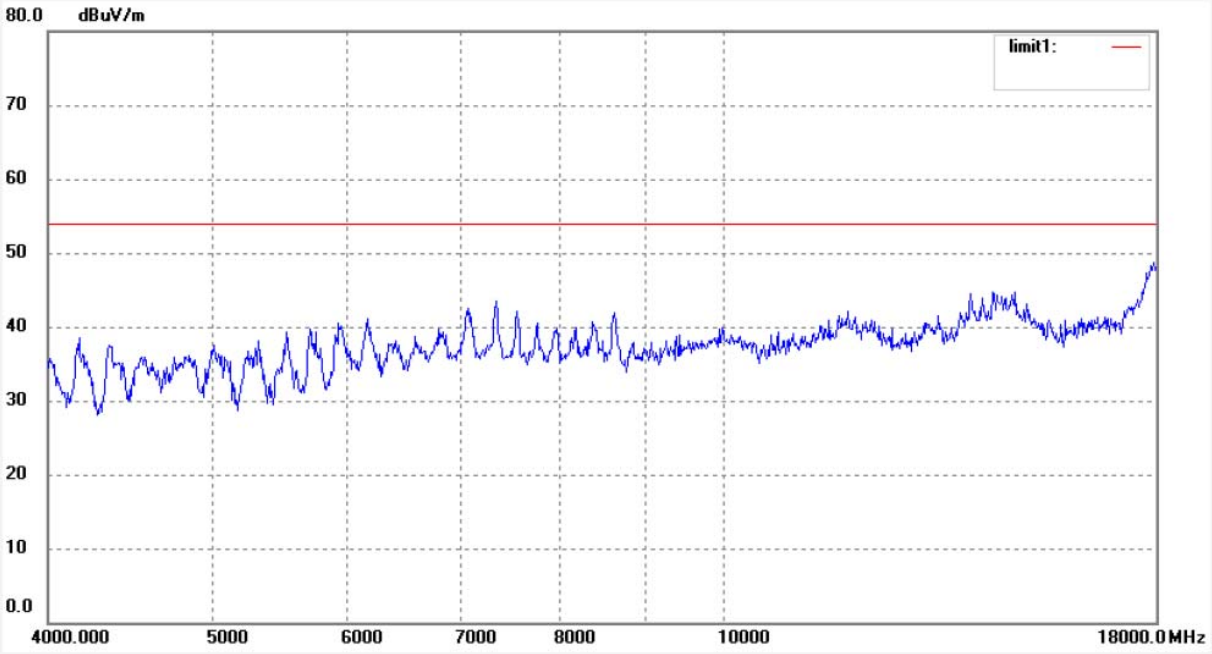
Job No.: STAR #3089	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/01/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 11/02/51
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX2481MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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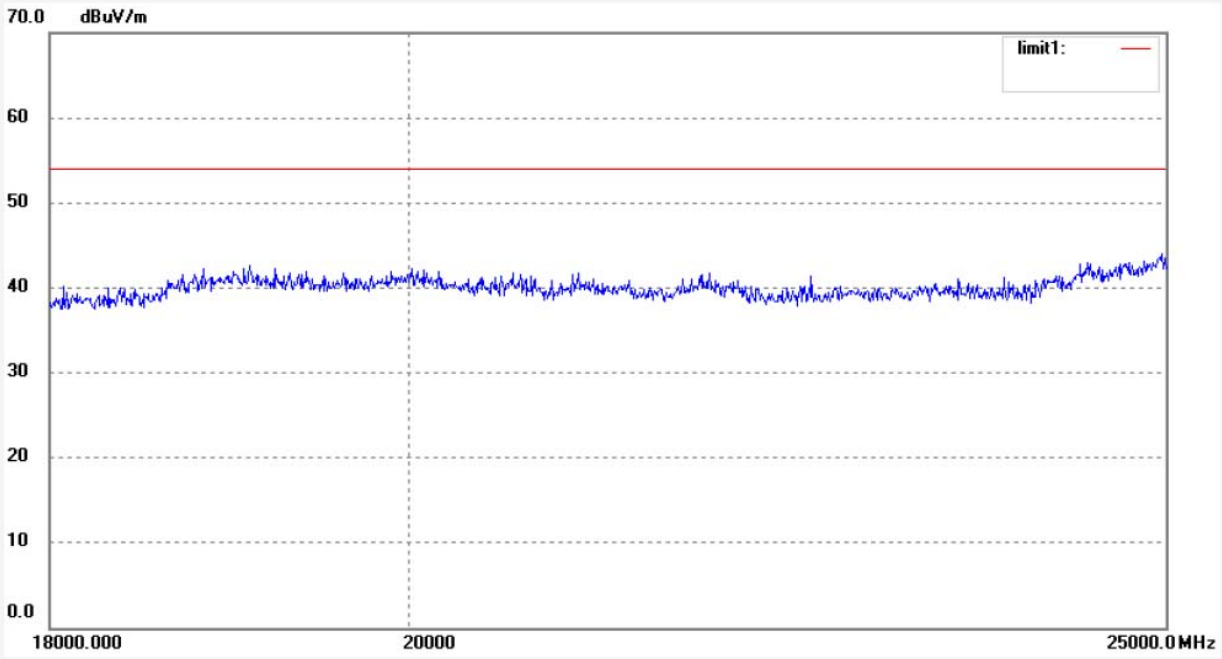
Job No.: star #2543	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/10/31/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 12/18/56
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX 2481MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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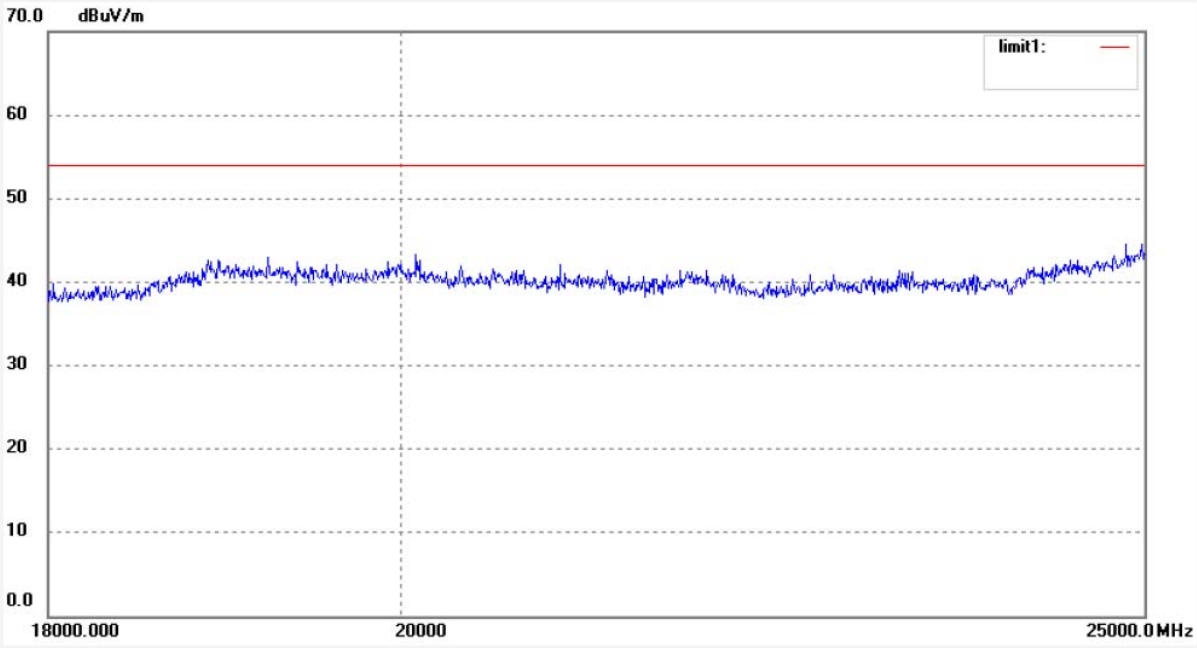
Job No.: star #2544	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 12/10/31/
Temp.(C)/Hum.(%) 23 C / 49 %	Time: 12/21/48
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX 2481MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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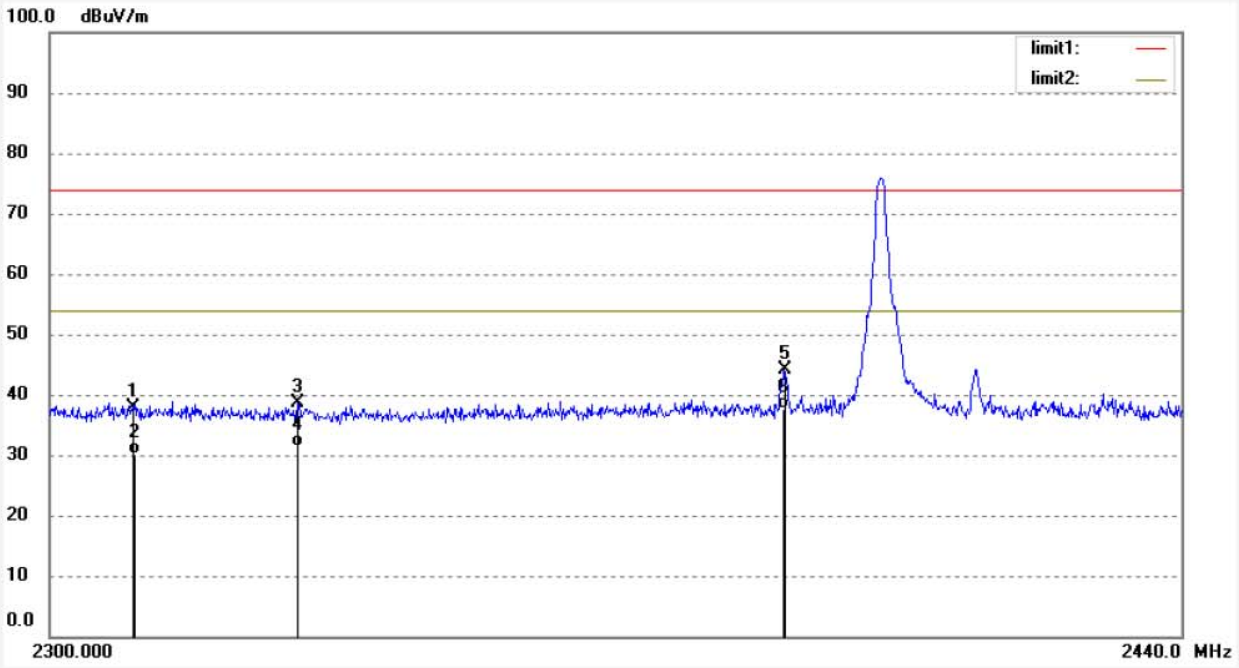
Job No.: STAR #2080	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/02/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10/10/21
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX 2401MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	45.71	-7.81	37.90	74.00	-36.10	peak			
2	2310.000	37.89	-7.81	30.08	54.00	-23.92	AVG			
3	2330.017	46.32	-7.80	38.52	74.00	-35.48	peak			
4	2330.017	39.22	-7.80	31.42	54.00	-22.58	AVG			
5	2390.000	51.70	-7.53	44.17	74.00	-29.83	peak			
6	2390.000	45.12	-7.53	37.59	54.00	-16.41	AVG			

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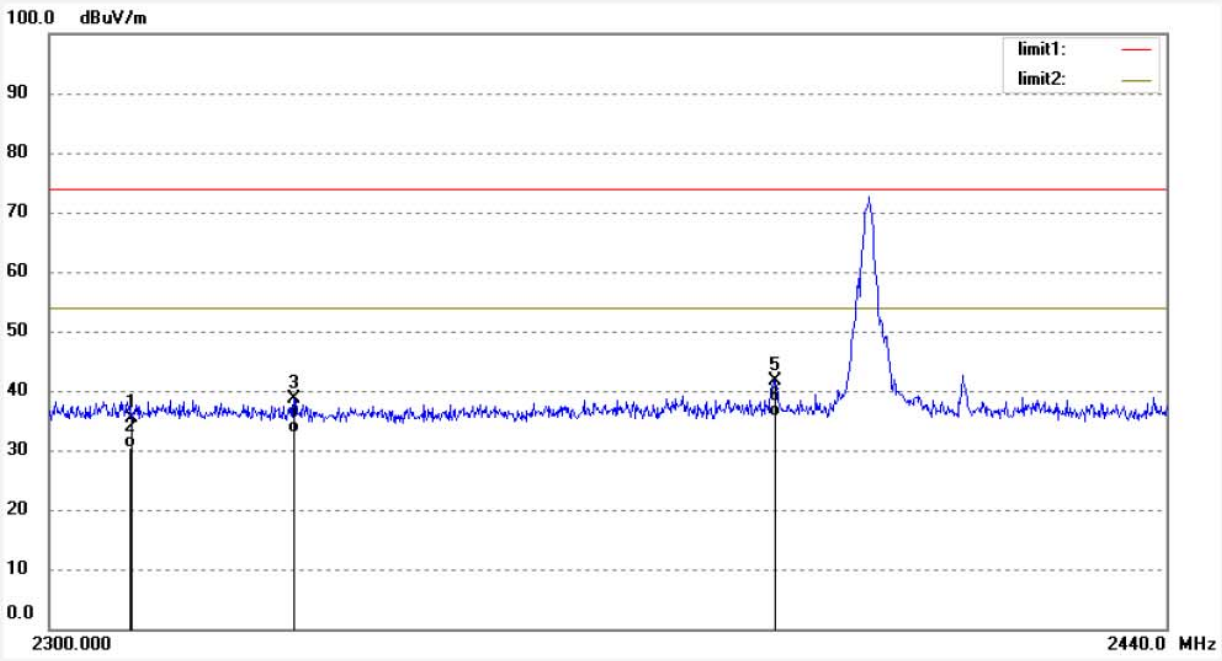
Job No.: STAR #2079
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: 2.45GHz Active Tag
Mode: TX 2401MHz
Model: NFC-2432
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

Polarization: Vertical
Power Source: DC 3V
Date: 12/11/02/
Time: 10/06/23
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	43.08	-7.81	35.27	74.00	-38.73	peak			
2	2310.000	38.25	-7.81	30.44	54.00	-23.56	AVG			
3	2330.017	46.32	-7.80	38.52	74.00	-35.48	peak			
4	2330.017	40.58	-7.80	32.78	54.00	-21.22	AVG			
5	2390.000	49.26	-7.53	41.73	74.00	-32.27	peak			
6	2390.000	43.25	-7.53	35.72	54.00	-18.28	AVG			

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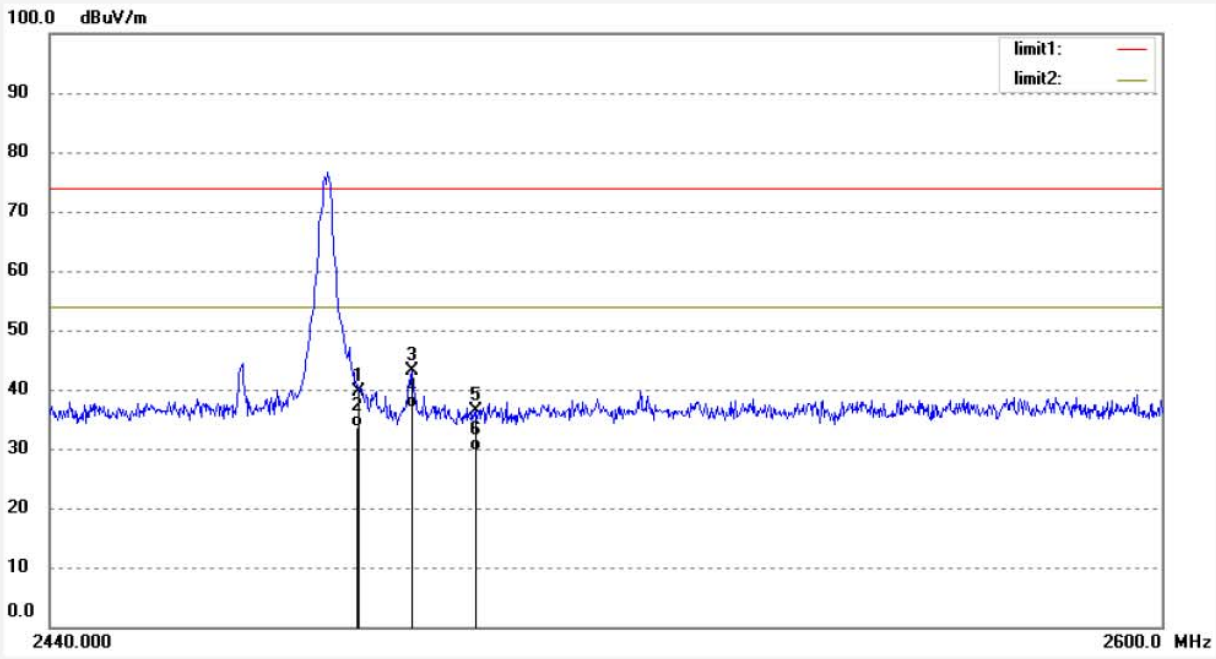
Job No.: STAR #2077	Polarization: Horizontal
Standard: FCC 15C PK	Power Source: DC 3V
Test item: Radiation Test	Date: 12/11/02/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9/59/41
EUT: 2.45GHz Active Tag	Engineer Signature:
Mode: TX 2481MHz	Distance: 3m
Model: NFC-2432	
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.	

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	46.99	-7.37	39.62	74.00	-34.38	peak			
2	2483.500	41.00	-7.37	33.63	54.00	-20.37	AVG			
3	2490.993	50.40	-7.38	43.02	74.00	-30.98	peak			
4	2490.993	44.28	-7.38	36.90	54.00	-17.10	AVG			
5	2500.000	43.67	-7.40	36.27	74.00	-37.73	peak			
6	2500.000	37.05	-7.40	29.65	54.00	-24.35	AVG			

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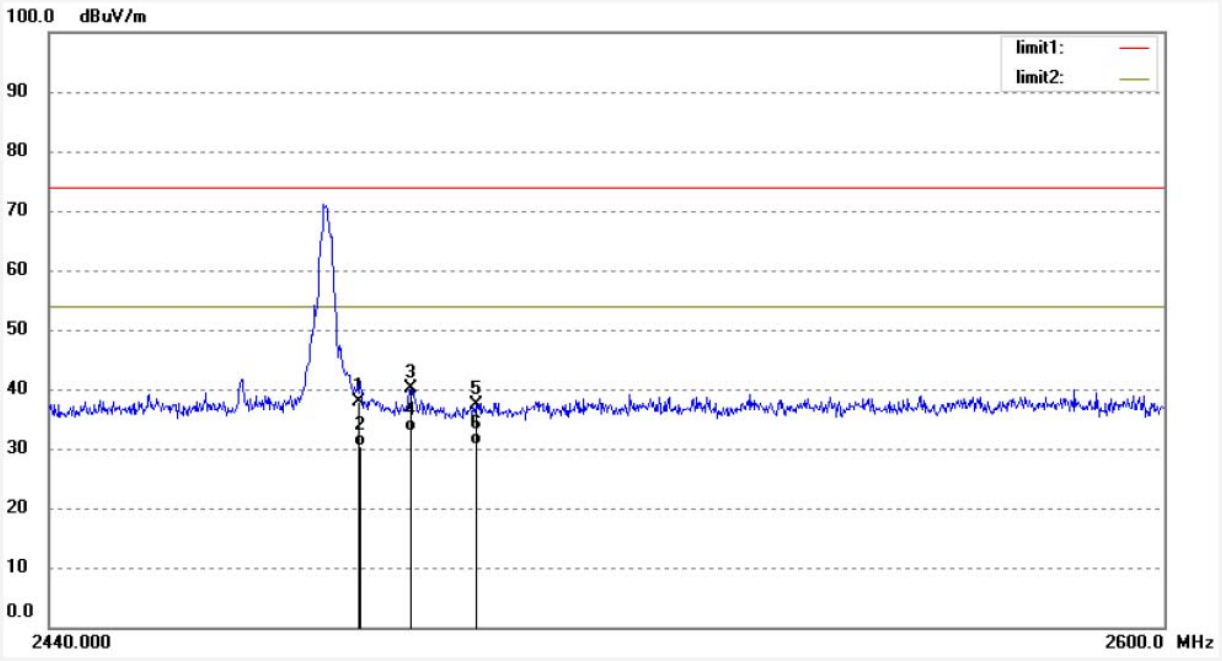
Job No.: STAR #2078
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: 2.45GHz Active Tag
Mode: TX 2481MHz
Model: NFC-2432
Manufacturer: Shenzhen New Force Communication Technology Co., Ltd.

Polarization: Vertical
Power Source: DC 3V
Date: 12/11/02/
Time: 10/03/52
Engineer Signature:
Distance: 3m

Note: Report No.:ATE20122447



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	45.14	-7.37	37.77	74.00	-36.23	peak			
2	2483.500	37.82	-7.37	30.45	54.00	-23.55	AVG			
3	2490.834	47.58	-7.38	40.20	74.00	-33.80	peak			
4	2490.834	40.18	-7.38	32.80	54.00	-21.20	AVG			
5	2500.000	44.79	-7.40	37.39	74.00	-36.61	peak			
6	2500.000	38.15	-7.40	30.75	54.00	-23.25	AVG			