FCC CERTIFICATION On Behalf of Norcon Communications Inc.

Wireless TTU Model No.: TTU-7W

FCC ID: X7STTU7W

Prepared for : Norcon Communications Inc.

Address : 510 Burnside Ave. Inwood NY 11096 USA

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 : ATE20100210
Date of Test : February 6-7, 2010
Date of Report : March 16, 2010

TABLE OF CONTENTS

Descr	iption	Page
Test R	Report Certification	
	ENERAL INFORMATION	1
1.1. 1.2.	Description of Device (EUT)	
1.2.	Description of Test Facility	
	IEASURING DEVICE AND TEST EQUIPMENT	
3. SU	UMMARY OF TEST RESULTS	7
4. FU	UNDAMENTAL AND HARMONICS RADIATED EMISSION FOR SECTIO	N 15.249(A) 8
4.1.	Block Diagram of Test Setup	8
4.2.	The Emission Limit	
4.3.	Configuration of EUT on Measurement	9
4.4.	Operating Condition of EUT	
4.5.	Test Procedure	
4.6.	The Field Strength of Radiation Emission Measurement Results	11
5. SI	PURIOUS RADIATED EMISSION FOR SECTION 15.249(D)	14
5.1.	Block Diagram of Test Setup	14
5.2.	The Emission Limit For Section 15.249(d)	
5.3.	EUT Configuration on Measurement	15
5.4.	Operating Condition of EUT	15
5.5.	Test Procedure	
5.6.	The Emission Measurement Result	17
6. B	AND EDGES	20
6.1.	The Requirement	20
6.2.	EUT Configuration on Measurement	20
6.3.	Operating Condition of EUT	20
6.4.	Test Procedure	
6.5.	The Measurement Result	22

ANTENNA REQUIREMENT.....24

APPENDIX I (TEST CURVES) (16 pages)

7.1.

7.2.

Test Report Certification

Applicant : Norcon Communications Inc.Manufacturer : Norcon Communications Inc.

EUT Description : Wireless TTU

(A) MODEL NO.: TTU-7W

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: 4.8V DC (battery pack)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.249 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 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:	February 6-7, 2010	
Prepared by :	sky Long	
	(Engineer)	
Approved & Authorized Signer:	Searle)	
	(Manager)	

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT : Wireless TTU

Model Number : TTU-7W

Power Supply : 4.8V DC (battery pack)

Operate Frequency : 903.5-923.6MHz

Channel Number : 32

Applicant : Norcon Communications Inc.

Address : 510 Burnside Ave. Inwood NY 11096 USA

Manufacturer : Norcon Communications Inc.

Address : 510 Burnside Ave. Inwood NY 11096 USA

Date of sample received: January 28, 2010

Date of Test : February 6-7, 2010

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	Jan. 9, 2011
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 9, 2011
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 9, 2011
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 9, 2011
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 9, 2011
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 9, 2011
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 9, 2011
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 9, 2011
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 9, 2011
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 9, 2011

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

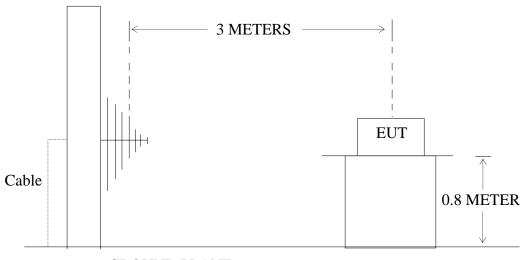
4.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: Wireless TTU)

4.1.2.Semi-Anechoic Chamber Test Setup Diagram

ANTENNA ELEVATION VARIES FROM 1 TO 4 METERS



GROUND PLANE

(EUT: Wireless TTU)

4.2. The Emission Limit

4.2.1.For intentional radiators, According to section 15.249(a), Operation within the frequency band of 902 to 928MHz, The fundamental field strength shall not exceed 94 dBμV/m and the harmonics shall not exceed 54 dBμV/m.

Fundamental	Field Strength of Fundamental	Field Strength of harmonics
Frequency	(millivolts/meter)	(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. Wireless TTU (EUT)

Model Number : TTU-7W Serial Number : N/A

Manufacturer : Norcon Communications Inc.

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 903.5MHz, 913.9MHz, 923.6MHz.

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 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. and set at 1MHz in above 1000MHz.

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

Date of Test:	February 6-7, 2010	Temperature:	25°C
EUT:	Wireless TTU	Humidity:	50%
Model No.:	TTU-7W	Power Supply:	4.8V DC
Test Mode:	TX 903.5MHz	Test Engineer:	Joe

Fundamental Radiated Emissions

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	$(dB\mu V/m)$	(dBµV/m)	(dB)	
	QP		QP	QP	QP	
903.4600	61.43	28.79	90.22	94	-3.78	Vertical
903.4600	62.01	28.79	90.80	94	-3.20	Horizontal

Harmonics Radiated Emissions

Frequency	Reading(c	dBμV/m)	Factor(dB)	Result(c	lBμV/m)	Limit(dI	BμV/m)	Margi	in(dB)	Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
1806.960	59.32	63.79	-9.97	49.35	53.82	54	74	-4.65	-20.18	Vertical
2710.492	54.21	58.68	-6.29	47.92	52.39	54	74	-6.08	-21.61	Vertical
1806.960	60.14	64.63	-9.97	50.17	54.66	54	74	-3.83	-19.34	Horizontal
2710.492	55.21	59.71	-6.29	48.92	53.42	54	74	-5.08	-20.58	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

Date of Test:	February 6-7, 2010	Temperature:	25°C
EUT:	Wireless TTU	Humidity:	50%
Model No.:	TTU-7W	Power Supply:	4.8V DC
Test Mode:	TX 913.9MHz	Test Engineer:	Joe

Fundamental Radiated Emissions

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	(dBµV/m)	(dB)	
	QP		QP	QP	QP	
913.8560	61.19	28.90	90.09	94	-3.91	Vertical
913.8560	62.08	28.90	90.98	94	-3.02	Horizontal

Harmonics Radiated Emissions

Frequency	Reading(dBμV/m)	Factor(dB)	Result(c	lBμV/m)	Limit(dl	BμV/m)	Margi	in(dB)	Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
1827.820	59.37	63.83	-9.75	49.62	54.08	54	74	-4.38	-19.92	Vertical
2741.720	54.30	58.77	-6.14	48.16	52.63	54	74	-5.84	-21.37	Vertical
1827.820	59.82	64.30	-9.75	50.07	54.55	54	74	-3.93	-19.45	Horizontal
2741.720	54.72	59.20	-6.14	48.58	53.06	54	74	-5.42	-20.94	Horizontal

Note:

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

Result = Reading + Corrected Factor

Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss - Amplifier Gain

Date of Test:	February 6-7, 2010	Temperature:	25°C
EUT:	Wireless TTU	Humidity:	50%
Model No.:	TTU-7W	Power Supply:	4.8V DC
Test Mode:	TX 923.6MHz	Test Engineer:	Joe

Fundamental Radiated Emissions

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	(dBµV/m)	(dB)	
	QP		QP	QP	QP	
923.6010	60.62	29.12	89.74	94	-4.26	Vertical
923.6010	61.83	29.12	90.95	94	-3.05	Horizontal

Harmonics Radiated Emissions

Frequency	Reading(dBμV/m)	Factor(dB)	Result(c	lBμV/m)	Limit(dI	BμV/m)	Margi	n(dB)	Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
1847.364	58.70	63.19	-9.56	49.14	53.63	54	74	-4.86	-20.37	Vertical
2771.020	53.82	58.29	-6.08	47.74	52.21	54	74	-6.26	-21.79	Vertical
1847.364	59.51	63.99	-9.56	49.95	54.43	54	74	-4.05	-19.57	Horizontal
2771.020	54.07	58.54	-6.08	47.99	52.46	54	74	-6.01	-21.54	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

5. SPURIOUS RADIATED EMISSION FOR SECTION 15.249(D)

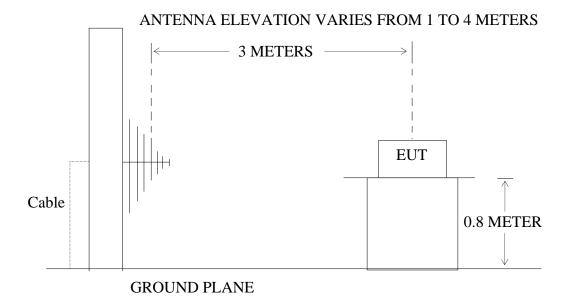
5.1.Block Diagram of Test Setup

5.1.1.Block diagram of connection between the EUT and simulators

EUT

(EUT: Wireless TTU)

5.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: Wireless TTU)

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

			
		Limit	
Frequency (MHz)	Field Strength of Quasi-peak Value (microvolts/m)	Field Strength of Quasi-peak Value (dBµV/m)	The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is
30 - 88	100	40	performed with Average detector.
88 - 216	150	43.5	Except those frequency bands mention above, the
216 - 960	200	46	final measurement for frequencies below
Above 960	500	54	1000MHz is performed with Quasi Peak detector.

5.3.EUT Configuration on Measurement

The following equipment are installed on the Radiated 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 TTU (EUT)

Model Number : TTU-7W Serial Number : N/A

Manufacturer : Norcon Communications Inc.

5.4. Operating Condition of EUT

- 5.4.1. Setup the EUT and simulator as shown as Section 5.1.
- 5.4.2.Turn on the power of all equipment.
- 5.4.3. Let the EUT work in TX modes measure it. The transmit frequency are 903.5MHz, 913.9MHz, 923.6MHz.

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: 2003 on radiated emission measurement.

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 10000MHz 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:	February 6-7, 2010	Temperature:	25°C
EUT:	Wireless TTU	Humidity:	50%
Model No.:	TTU-7W	Power Supply:	4.8V DC
Test Mode:	TX 903.5MHz	Test Engineer:	Joe

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	(dBµV/m)	(dB)	
	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

Date of Test:	February 6-7, 2010	Temperature:	25°C
EUT:	Wireless TTU	Humidity:	50%
Model No.:	TTU-7W	Power Supply:	4.8V DC
Test Mode:	TX 913.9MHz	Test Engineer:	Joe

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	(dBµV/m)	(dB)	
	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

Date of Test:	February 6-7, 2010	Temperature:	25°C
EUT:	Wireless TTU	Humidity:	50%
Model No.:	TTU-7W	Power Supply:	4.8V DC
Test Mode:	TX 923.6MHz	Test Engineer:	Joe

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	(dBµV/m)	(dB)	
	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

6. BAND EDGES

6.1. The Requirement

6.1.1.Band Edge from 902MHz to 928MHz. 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. Wireless TTU (EUT)

Model Number : TTU-7W Serial Number : N/A

Manufacturer : Norcon Communications Inc.

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 903.5MHz, 913.9MHz, 923.6MHz. We select 903.5MHz, 923.6MHz TX frequency to transmit.

6.4. 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, and set at 1MHz in above 1000MHz.

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.

6.5. The Measurement Result

Pass.

Date of Test:	February 6, 2010	Temperature:	25°C
EUT:	Wireless TTU	Humidity:	50%
Model No.:	TTU-7W	Power Supply:	4.8V DC
Test Mode:	TX 903.5MHz	Test Engineer:	Joe

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	(dBµV/m)	(dB)	
	QP		QP	QP	QP	
902.0000	12.28	28.78	41.06	46.00	-4.94	Vertical
902.0000	12.87	28.78	41.65	46.00	-4.35	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

Date of Test:	February 6, 2010	Temperature:	25°C
EUT:	Wireless TTU	Humidity:	50%
Model No.:	TTU-7W	Power Supply:	4.8V DC
Test Mode:	TX 923.6MHz	Test Engineer:	Joe

Frequency	Reading	Factor(dB)	Result	Limit	Margin	Polarization
(MHz)	(dBµV/m)	Corr.	(dBµV/m)	(dBµV/m)	(dB)	
	QP		QP	QP	QP	
928.0000	10.67	29.22	39.89	46.00	-6.11	Vertical
928.0000	12.25	29.22	41.47	46.00	-4.53	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

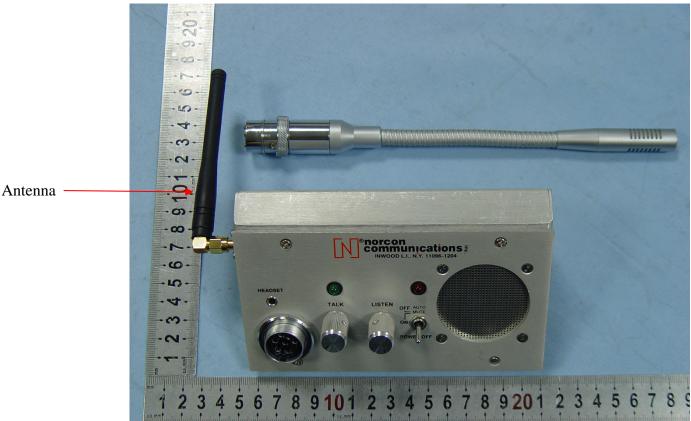
7. ANTENNA REQUIREMENT

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

The antenna used with Reverse Polarity SMA connector, no consideration of replacement other than that furnished by the responsible party. Therefore, the equipment complies with the antenna requirement of Section 15.203.



APPENDIX I (Test Curves)



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.: RTTE #4167

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 903.5MHz

Model: TTU-7W

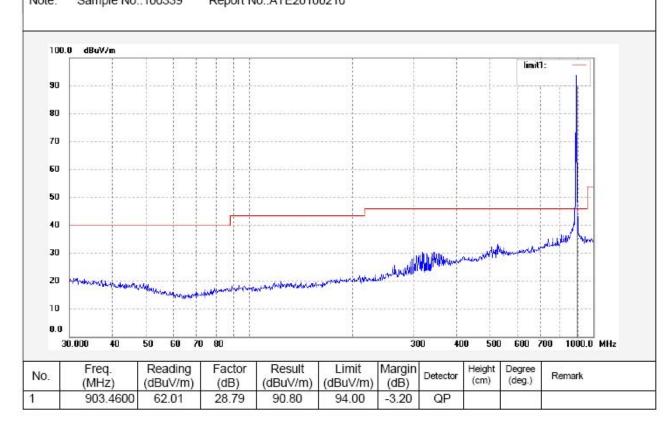
Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Horizontal Power Source: DC 4.8V

Date: 2010/02/06 Time: 16:40:57

Engineer Signature: Joe





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.: RTTE #4168

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 903.5MHz

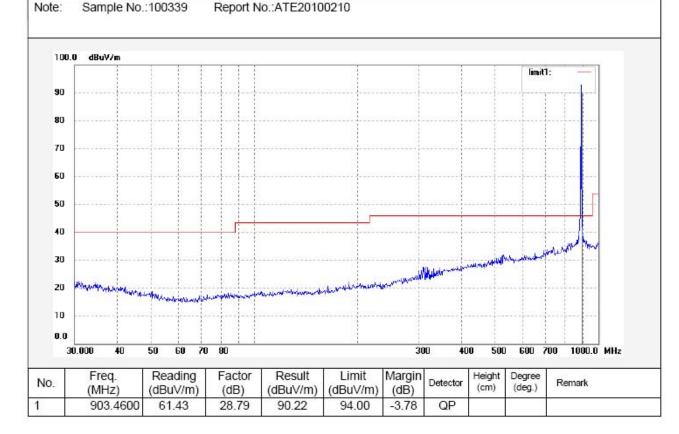
Model: TTU-7W

Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Polarization: Vertical Power Source: DC 4.8V

Date: 2010/02/06 Time: 16:44:49

Engineer Signature: Joe





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.: RTTE #4178

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 903.5MHz

Model: TTU-7W

Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

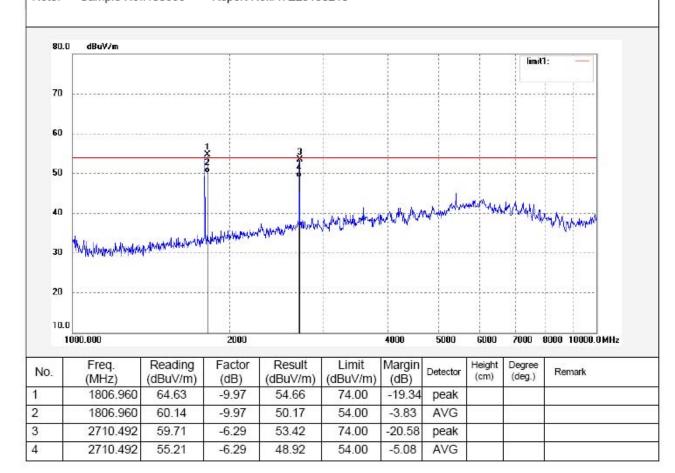
Polarization: Horizontal Power Source: DC 4.8V

Date: 2010/02/07

Engineer Signature: Joe

Distance: 3m

Time: 14:50:24





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.: RTTE #4177

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 903.5MHz

Model: TTU-7W

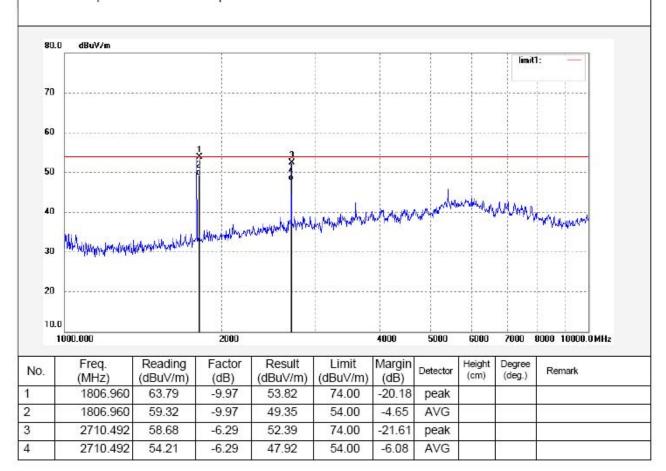
Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Vertical Power Source: DC 4.8V

Date: 2010/02/07 Time: 14:46:10

Engineer Signature: Joe





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.: RTTE #4170

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 913.9MHz

Model: TTU-7W

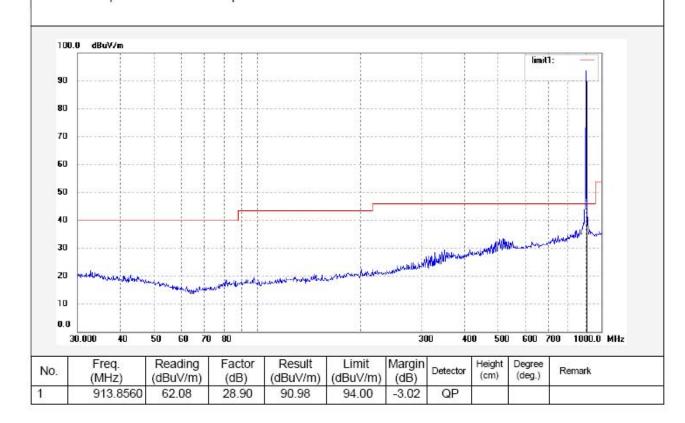
Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Horizontal Power Source: DC 4.8V

Date: 2010/02/06 Time: 16:53:04

Engineer Signature: Joe





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.: RTTE #4169

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 913.9MHz

Model: TTU-7W

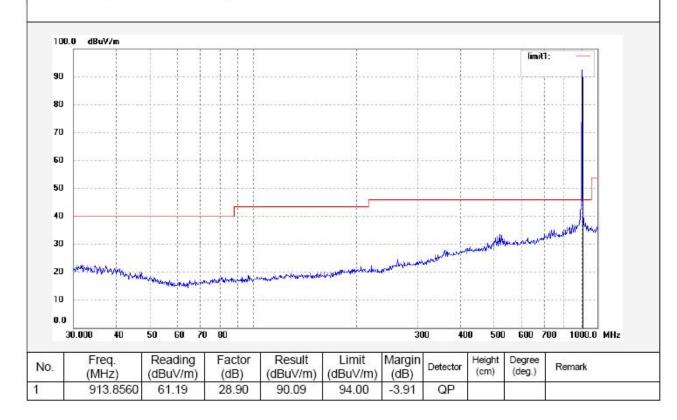
Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Vertical Power Source: DC 4.8V

Date: 2010/02/06 Time: 16:49:10

Engineer Signature: Joe





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.: RTTE #4179

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 913.9MHz

Model: TTU-7W

Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Horizontal Power Source: DC 4.8V

Date: 2010/02/07 Time: 14:54:56

Engineer Signature: Joe

									limi	ti: —	
70					<u> </u>						
60			1		ļ						
50					ļ	-					
40				. 14.14	i wil disademo	and market	and which	anning they	MANA	mallahoun	
30	National appropriate trade	ما/المدمية را المهدام. المارالية مياراليما	pilariyty/three	Apple Marine Land	V					, this is	
20					<u> </u>						
10.0											
10	000.000		2000			4000	5000	6000	7000	8000 10000.0M	lHz
	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
	\·····		-9.75	54.55	74.00	-19.45	peak				
	1827.820	64.30	-3.13	3701107.00							
		64.30 59.82	-9.75	50.07	54.00	-3.93	AVG			8	



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.: RTTE #4180

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 913.9MHz

Model: TTU-7W

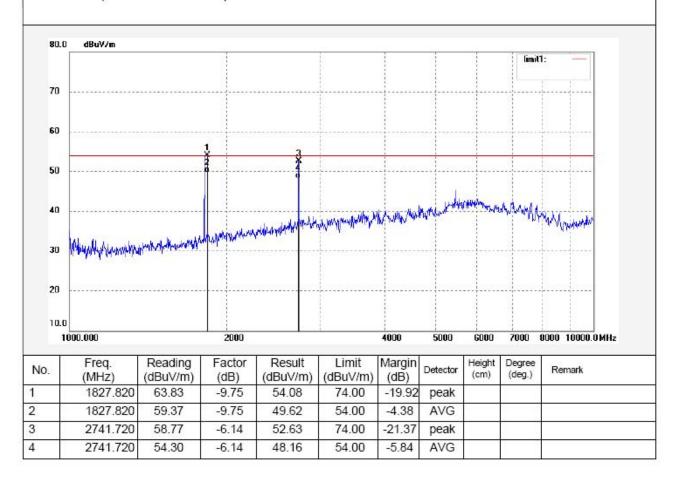
Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Vertical Power Source: DC 4.8V

Date: 2010/02/07 Time: 14:59:10

Engineer Signature: Joe





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.: RTTE #4171

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 923.6MHz

Model: TTU-7W

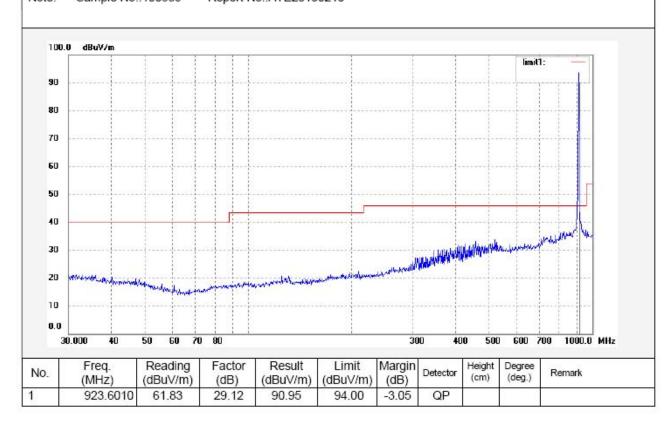
Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Horizontal Power Source: DC 4.8V

Date: 2010/02/06 Time: 16:57:38

Engineer Signature: Joe





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.: RTTE #4172

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 923.6MHz

Model: TTU-7W

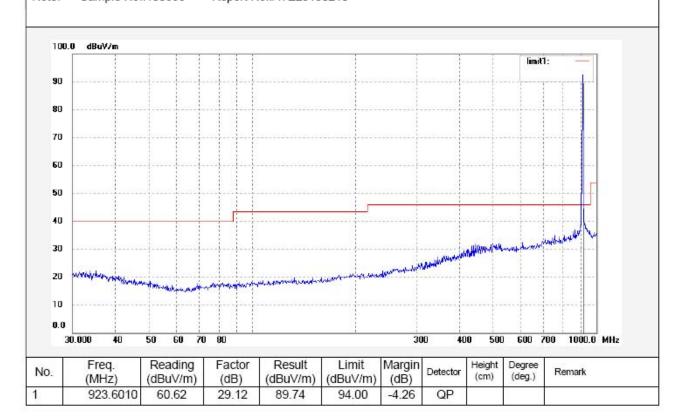
Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Vertical Power Source: DC 4.8V

Date: 2010/02/06 Time: 17:01:32

Engineer Signature: Joe





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.: RTTE #4182

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 923.6MHz

Model: TTU-7W

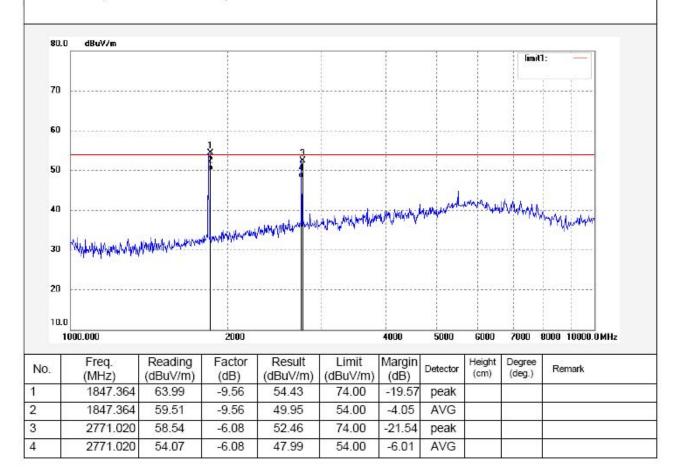
Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Horizontal Power Source: DC 4.8V

Date: 2010/02/07 Time: 15:08:16

Engineer Signature: Joe





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.: RTTE #4181

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 923.6MHz

Model: TTU-7W

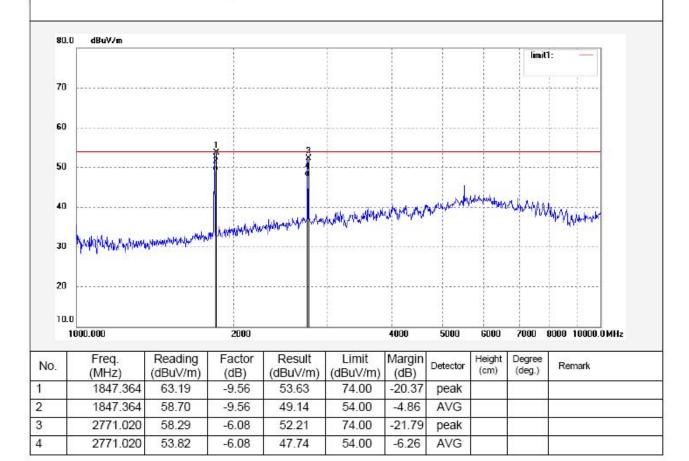
Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Vertical Power Source: DC 4.8V

Date: 2010/02/07 Time: 15:03:57

Engineer Signature: Joe





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.: RTTE #4175 Standard: FCC Band Edge Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 903.5MHz

Model: TTU-7W

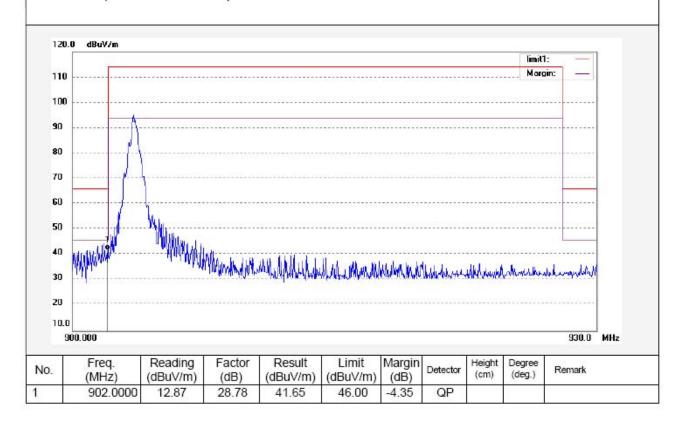
Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Horizontal Power Source: DC 4.8V

Date: 2010/02/06 Time: 17:18:26

Engineer Signature: Joe





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.: RTTE #4176 Standard: FCC Band Edge Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 903.5MHz

Model: TTU-7W

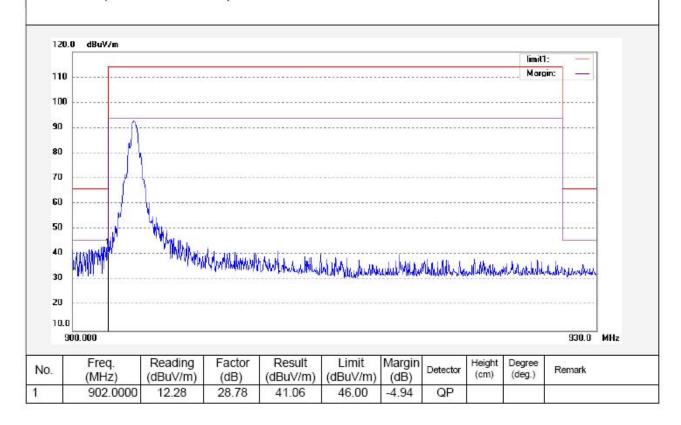
Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Vertical Power Source: DC 4.8V

Date: 2010/02/06 Time: 17:22:10

Engineer Signature: Joe





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.: RTTE #4174 Standard: FCC Band Edge Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 923.6MHz

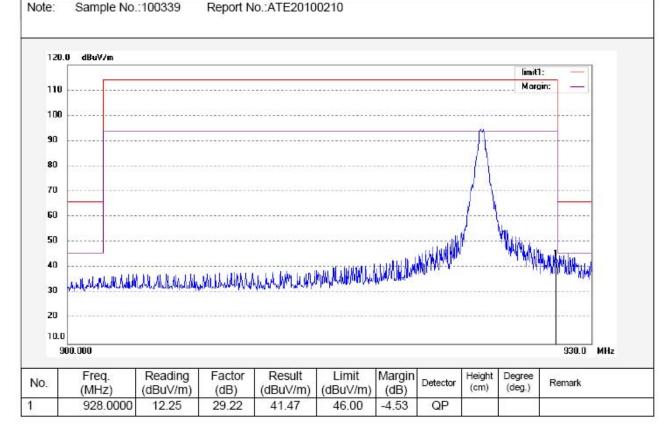
Model: TTU-7W

Manufacturer: Norcon Communications Inc.

Polarization: Horizontal Power Source: DC 4.8V

Date: 2010/02/06 Time: 17:12:12

Engineer Signature: Joe





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.: RTTE #4173 Standard: FCC Band Edge Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 50 %

EUT: Wireless TTU Mode: TX 923.6MHz

Model: TTU-7W

Manufacturer: Norcon Communications Inc.

Note: Sample No.:100339 Report No.:ATE20100210

Polarization: Vertical Power Source: DC 4.8V

Date: 2010/02/06 Time: 17:08:29

Engineer Signature: Joe

