

Prüfbericht-Nr.: <i>Test report No.:</i>	50065892 001	Auftrags-Nr.: <i>Order No.:</i>	164075556	Seite 1 von 14 <i>Page 1 of 14</i>	
Kunden-Referenz-Nr.: <i>Client reference No.:</i>	N/A	Auftragsdatum: <i>Order date.:</i>	09.10.2016		
Auftraggeber: <i>Client:</i>	<b>Bowens Studio Lighting Technology (Suzhou) Co.,Ltd.</b> 1F, Block7, 158# QiMing RD, IFTZ, Suzhou Industrial Park, Jiangsu Province, 215121, P.R.China				
Prüfgegenstand: <i>Test item:</i>	XMT TTL TRIGGER				
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	XMTRC, XMTRN, XMTRS				
Auftrags-Inhalt: <i>Order content:</i>	FCC and IC approval				
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart B Section 15.107 CFR47 FCC Part 15: Subpart B Section 15.109 ICES-003 Issue 6 January 2016				
Wareneingangsdatum: <i>Date of receipt:</i>	21.10.2016	 <i>Please refer to photo documents</i>			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000435351-025				
Prüfzeitraum: <i>Testing period:</i>	16.11.2016 - 19.11.2016				
Ort der Prüfung: <i>Place of testing:</i>	Accurate Technology Co., Ltd.				
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.				
Prüfergebnis*: <i>Test result*:</i>	Pass				
geprüft von / tested by:	kontrolliert von / reviewed by:				
07.02.2017      Andy Yan / Project Manager	 Owen Tian / Technical Certifier				
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>
<b>Sonstiges / Other:</b> For model difference information refer to clause 3.1.					
FCC ID: 2AI2WXMTR IC: 22262-XMTR      HVIN: XMTR					
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> <i>Condition of the test item at delivery:</i>			Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged:</i>		
* Legende: 1 = sehr gut      2 = gut      3 = befriedigend      4 = ausreichend      5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n)      F(fail) = entspricht nicht o.g. Prüfgrundlage(n)      N/A = nicht anwendbar      N/T = nicht getestet Legend: 1 = very good      2 = good      3 = satisfactory      4 = sufficient      5 = poor P(ass) = passed a.m. test specifications(s)      F(fail) = failed a.m. test specifications(s)      N/A = not applicable      N/T = not tested					
<b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b> <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>					

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## ***Test Summary***

**5.1.1 CONDUCTED EMISSION**

*RESULT:* Pass

**5.1.2 RADIATED EMISSION**

*RESULT:* Pass

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## 1 General Remarks

### 1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of Conducted Emission and Radiated Emission

## 2 Test Sites

### 2.1 Test Facilities

**Accurate Technology Co., Ltd.**

F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan Shenzhen,  
518057, P.R. China

FCC Registration No.: 752051

Test site Industry Canada No.: 5077A-2

The tests at the test sites have been conducted under the supervision of a TÜV engineer.

## 2.2 List of Test and Measurement Instruments

**Table 1: List of Test and Measurement Equipment**

Accurate Technology Co., Ltd.

<b>Radiated Emission</b>				
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Cal. Until</b>
Spectrum Analyzer	R&S	FSV40	101495	09.01.2017
Test Receiver	R&S	ESCS30	100307	09.01.2017
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	14.01.2017
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	14.01.2017
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	09.01.2017
Pre-Amplifier	R&S	CBLU11835 40-01	3791	09.01.2017
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	09.01.2017
RF Coaxial Cable	SUHNER	N-3m	No.8	09.01.2017
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	09.01.2017
RF Coaxial Cable	SUHNER	N-6m	No.10	09.01.2017
RF Coaxial Cable	RESENBERGER	N-12m	No.11	09.01.2017
50_ Coaxial Switch	Anritsu Corp	MP59B	6200283933	09.01.2017
<b>Conducted Emission</b>				
<b>Equipment</b>	<b>Manufacturer</b>	<b>Model No.</b>	<b>Serial No.</b>	<b>Cal. Until</b>
Test Receiver	R&S	ESCS30	100307	09.01.2017
L.I.S.N.	R&S	NLSK8126	8126431	09.01.2017
50Ω Coaxial Switch	Anritsu	MP59B	6200283933	09.01.2017

## 2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

## 2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

## 2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table

Item	Extended Uncertainty	
Conducted Emission	$\pm 3.0 \text{ dB}$	
Radiated Emission (9kHz-30MHz)	Field strength (dB $\mu$ V/m)	$U=3.08\text{dB}, k=2, \sigma=95\%$
Radiated Emission (30-1000MHz)	Field strength (dB $\mu$ V/m)	$U=4.42\text{dB}, k=2, \sigma=95\%$
Radiated Emission (above 1000MHz)	Field strength (dB $\mu$ V/m)	$U=4.06\text{dB}, k=2, \sigma=95\%$

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

## 2.7 Status of Facility Used for Testing

The Accurate Technology Co., Ltd. Test facility located at F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan Shenzhen, 518057, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

## 3 General Product Information

### 3.1 Product Function and Intended Use

The EUT is a radio remote and trigger transmitter operating in 2.4GHz ISM band, this report is only for JBP.

The models difference information:

Model	Difference Description	
XMTRC	All three models are the same with each other in hardware and electronic aspect except the minor changes in connector port to different camera.	Connect with the camera of CANON
XMTRN		Connect with the camera of NIKON
XMTRS		Connect with the camera of SONY

All three models have been tested and reported.

For details refer to the User Manual, Technical Description and Circuit Diagram.

### 3.2 Ratings and System Details

**Table 2: Technical Specification of EUT**

General Information of EUT	Value
Kind of Equipment	XMT TTL TRIGGER
Type Designation	XMTRC, XMTRN, XMTRS
Trade Mark	bowens
FCC ID	2AI2WXMTR
IC / HVIN	22262-XMTR / XMTRC, XMTRN, XMTRS
Operating Temperature Range	-5 °C ~ +50 °C
Frequency of highest digital internal source	Less than 1.2GHz
Normal Operating Voltage	2 x 1.5V AA batteries
Testing Voltage	2 x 1.5V AA new batteries+ PC USB Port for Transfer data Mode A.1 2 x 1.5V AA new batteries for Normal Operating Mode A.2

### 3.3 Independent Operation Modes

The basic operation modes are:

- A.1 On, Transfer data with PC
- A.2 On, Normal working with Camera

### 3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

### 3.5 Submitted Documents

- Application Form
- Block Diagram
- User Manual
- FCC/IC Label and Location Info
- Photo Document

## 4 Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

### 4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2014.

### 4.3 Special Accessories and Auxiliary Equipment

Table 3: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Notebook PC	Lenovo	ThinkPad X240	N/A	N/A
Printer	HP	HP laserjet 1015	CNFG030424	N/A
USB Cable	N/A	N/A	N/A	100cm, shielded
THINKLITE Flash	GODOX	TT520II	--	--
Digital Camera	NIKON	D3000	9006490	--
Digital Camera	SONY	SLT-A58	2025639	--
Digital Camera	CANON	EOS1100D	084062166483	--

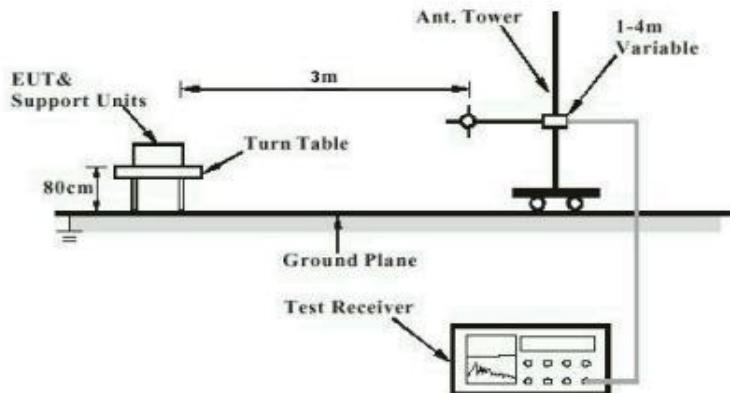
### 4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

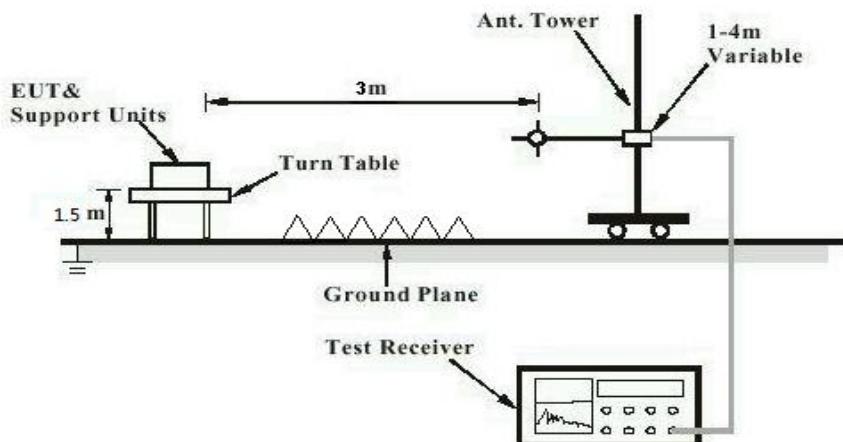
No additional measures were employed to achieve compliance.

## 4.5 Test Setup Diagram

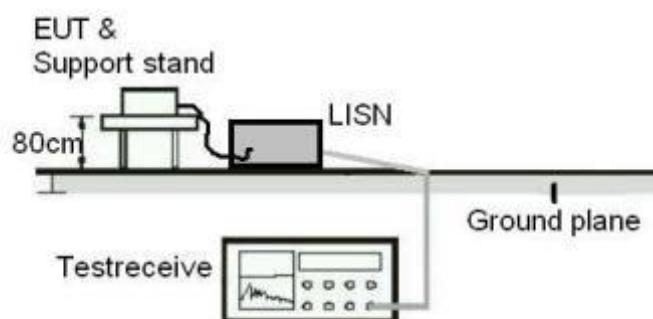
**Diagram of Measurement Configuration for Radiation Test (Below 1GHz)**



**Diagram of Measurement Configuration for Radiation Test (Above 1GHz)**



**Diagram of Measurement Configuration for Mains Conduction Measurement**



## 5 Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Conducted Emission

**RESULT:** Pass

##### Test Specification

Test standard	:	FCC Part 15.107(a) ICES-003
Basic standard	:	ANSI C63.4: 2014
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.107(a) ICES-003 Table 2
Kind of test site	:	Shielded Room

##### Test Setup

Date of testing	:	19.11.2016
Input voltage	:	2 x 1.5V AA new batteries + PC USB port (PC adapter with 120V/60Hz input)
Operation mode	:	A.1
Earthing	:	Not connected
Ambient temperature	:	23 °C
Relative humidity	:	48 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the Appendix A.

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*Test Report No.*Seite 12 von 14  
Page 12 of 14**5.1.2 Radiated Emission****RESULT:** Pass**Test Specification**

Test standard	:	FCC Part 15.109(a) ICES-003
Basic standard	:	ANSI C63.4: 2014
Frequency range	:	30 - 6000MHz
Classification	:	Class B
Limits	:	FCC Part 15.109(a) ICES-003 Table 5 & Table 7
Kind of test site	:	3m Semi-anechoic Chamber

**Test Setup**

Date of testing	:	16.11.2016~18.11.2016
Input voltage	:	2 x 1.5V AA new batteries for Mode A.2 2 x 1.5V AA new batteries + PC USB port for Mode A.1 (PC adapter with 120V/60Hz input)
Operation mode	:	A.1, A.2
Earthing	:	Not connected
Ambient temperature	:	23 °C
Relative humidity	:	48 %
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the Appendix A.

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## 6 Photographs of the Test Set-Up

### Photograph 1: Set-up for Conducted Emission

Please refer to the attached Test setup photos.

### Photograph 2: Set-up for Radiated Emission

Please refer to the attached Test setup photos.

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## Appendix A

### Test Results of Conducted Emission and Radiated Emission

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## Appendix A.1: Test Plots of Conducted Emission

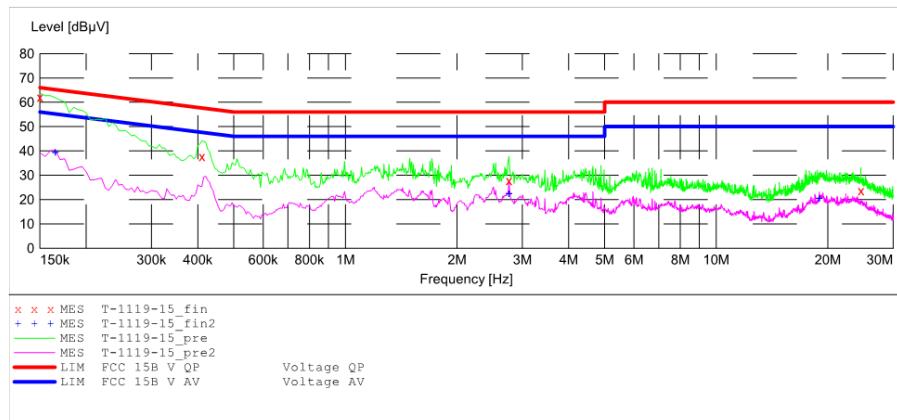
**Model: XMTRN**

**ACCURATE TECHNOLOGY CO., LTD**  
**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Radio Remote and Trigger M/N:XMTRN  
Manufacturer:  
Operating Condition: Transfer Data  
Test Site: 1#Shielding Room  
Operator: LGWADE  
Test Specification: L 120V/60Hz  
Comment: Mains Port  
Start of Test: 11/19/2016 /

**SCAN TABLE: "V 9K-30MHz fin"**

Short Description: \_SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008  
150.0 kHz 30.0 MHz 5.0 kHz Average  
QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
Average



**MEASUREMENT RESULT: "T-1119-15\_fin"**

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.150000	62.10	10.5	66	3.9	QP	L1	GND
	0.410000	37.70	10.7	58	19.9	QP	L1	GND
	2.760000	27.80	11.0	56	28.2	QP	L1	GND
	24.550000	23.60	11.5	60	36.4	QP	L1	GND

**MEASUREMENT RESULT: "T-1119-15\_fin2"**

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.165000	39.30	10.5	55	15.9	AV	L1	GND
	2.760000	22.30	11.0	46	23.7	AV	L1	GND
	18.955000	20.40	11.4	50	29.6	AV	L1	GND

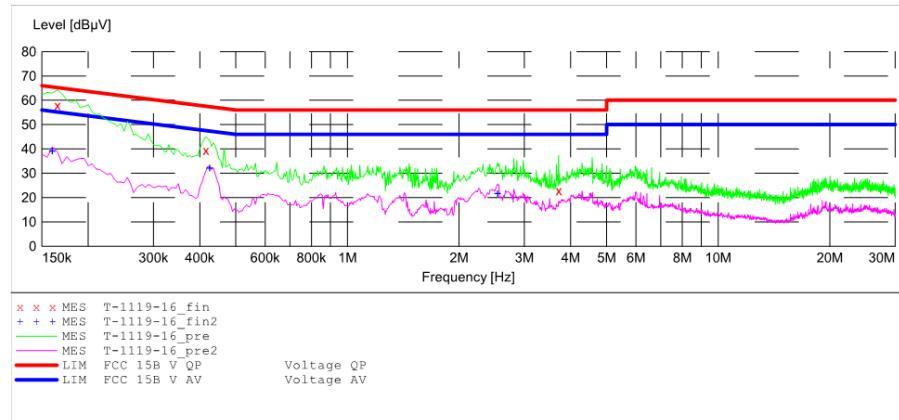
**ACCURATE TECHNOLOGY CO., LTD**

**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Radio Remote and Trigger M/N:XMTRN  
Manufacturer:  
Operating Condition: Transfer Data  
Test Site: 1#Shielding Room  
Operator: LGWADE  
Test Specification: N 120V/60Hz  
Comment: Mains Port  
Start of Test: 11/19/2016 /

**SCAN TABLE: "V 9K-30MHz fin"**

Short Description: \_SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008  
Average  
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
Average



**MEASUREMENT RESULT: "T-1119-16\_fin"**

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.165000	57.90	10.5	65	7.3	QP	N	GND
	0.415000	39.40	10.7	58	18.1	QP	N	GND
	3.710000	22.80	11.1	56	33.2	QP	N	GND

**MEASUREMENT RESULT: "T-1119-16\_fin2"**

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.160000	39.00	10.5	56	16.5	AV	N	GND
	0.425000	32.00	10.7	47	15.3	AV	N	GND
	2.540000	21.50	11.0	46	24.5	AV	N	GND

## Model: XMTRC

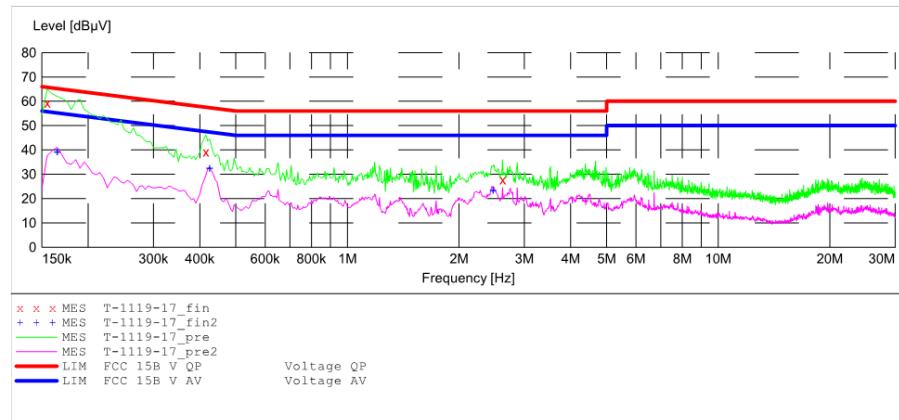
**ACCURATE TECHNOLOGY CO., LTD**

**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Radio Remote and Trigger M/N:XMTRC  
Manufacturer:  
Operating Condition: Transfer Data  
Test Site: 1#Shielding Room  
Operator: LGWADE  
Test Specification: N 120V/60Hz  
Comment: Mains Port  
Start of Test: 11/19/2016 /

**SCAN TABLE: "V 9K-30MHz fin"**

Short Description: \_SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008  
Average  
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
Average



**MEASUREMENT RESULT: "T-1119-17\_fin"**

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.155000	59.30	10.5	66	6.4	QP	N	GND
	0.415000	39.10	10.7	58	18.4	QP	N	GND
	2.620000	27.70	11.0	56	28.3	QP	N	GND

**MEASUREMENT RESULT: "T-1119-17\_fin2"**

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.165000	39.00	10.5	55	16.2	AV	N	GND
	0.425000	32.30	10.7	47	15.0	AV	N	GND
	2.470000	23.20	11.0	46	22.8	AV	N	GND

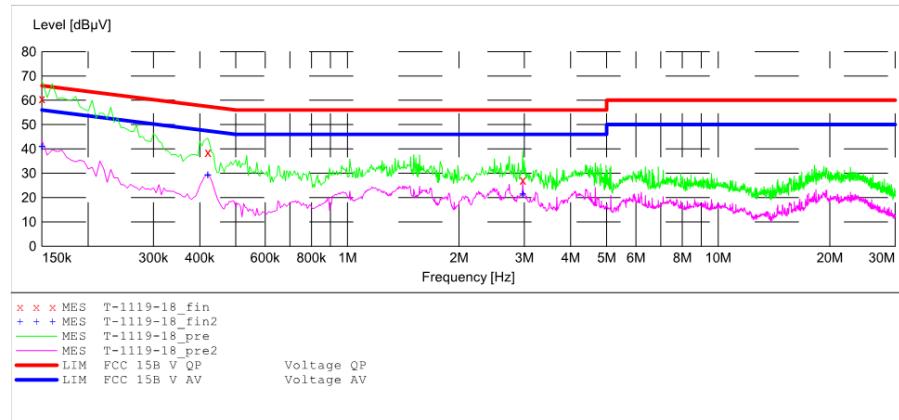
**ACCURATE TECHNOLOGY CO., LTD**

**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Radio Remote and Trigger M/N:XMTRC  
Manufacturer:  
Operating Condition: Transfer Data  
Test Site: 1#Shielding Room  
Operator: LGWADE  
Test Specification: L 120V/60Hz  
Comment: Mains Port  
Start of Test: 11/19/2016 /

**SCAN TABLE: "V 9K-30MHz fin"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas.	IF Time	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	NSLK8126 2008
			Average			
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
			Average			



**MEASUREMENT RESULT: "T-1119-18\_fin"**

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.150000	60.70	10.5	66	5.3	QP	L1	GND
	0.420000	38.60	10.7	57	18.8	QP	L1	GND
	2.970000	27.20	11.1	56	28.8	QP	L1	GND

**MEASUREMENT RESULT: "T-1119-18\_fin2"**

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.150000	40.90	10.5	56	15.1	AV	L1	GND
	0.420000	29.20	10.7	47	18.2	AV	L1	GND
	2.970000	21.40	11.1	46	24.6	AV	L1	GND

## Model: XMTRS

**ACCURATE TECHNOLOGY CO., LTD**

**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Radio Remote and Trigger M/N:XMTRS

Manufacturer:

Operating Condition: Transfer Data

Test Site: 1#Shielding Room

Operator: LGWADE

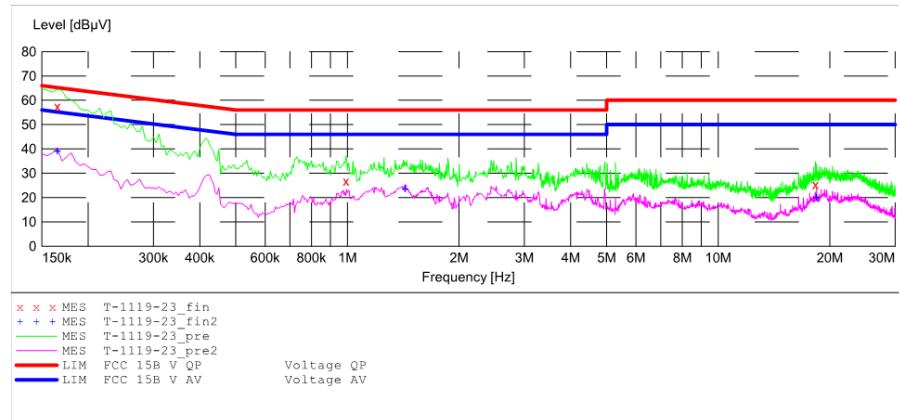
Test Specification: L 120V/60Hz

Comment: Mains Port

Start of Test: 11/19/2016 /

### SCAN TABLE: "V 9K-30MHz fin"

Short Description:		-SUB_STD_VTERM2 1.70		Detector	Meas.	IF	Transducer
Start	Stop	Step	Width				
9.0 kHz	150.0 kHz	100.0 Hz		QuasiPeak	1.0 s	200 Hz	NSLK8126 2008
				Average			
150.0 kHz	30.0 MHz	5.0 kHz		QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
				Average			



### MEASUREMENT RESULT: "T-1119-23\_fin"

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.165000	57.50	10.5	65	7.7	QP	L1	GND
	0.990000	26.70	10.8	56	29.3	QP	L1	GND
	18.280000	25.30	11.4	60	34.7	QP	L1	GND

### MEASUREMENT RESULT: "T-1119-23\_fin2"

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.165000	39.00	10.5	55	16.2	AV	L1	GND
	1.430000	23.40	10.9	46	22.6	AV	L1	GND
	18.400000	19.90	11.4	50	30.1	AV	L1	GND

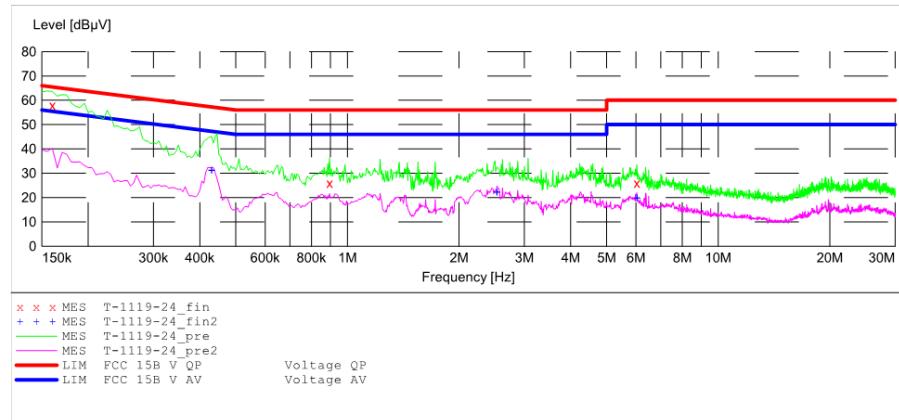
**ACCURATE TECHNOLOGY CO., LTD**

**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Radio Remote and Trigger M/N:XMTRS  
Manufacturer:  
Operating Condition: Transfer Data  
Test Site: 1#Shielding Room  
Operator: LGWADE  
Test Specification: N 120V/60Hz  
Comment: Mains Port  
Start of Test: 11/19/2016 /

**SCAN TABLE: "V 9K-30MHz fin"**

Short Description: \_SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008  
Average  
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
Average



**MEASUREMENT RESULT: "T-1119-24\_fin"**

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.160000	57.90	10.5	66	7.6	QP	N	GND
	0.895000	25.90	10.8	56	30.1	QP	N	GND
	6.030000	25.90	11.2	60	34.1	QP	N	GND

**MEASUREMENT RESULT: "T-1119-24\_fin2"**

11/19/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dB $\mu$ V	dB	dB $\mu$ V	dB			
	0.430000	31.10	10.7	47	16.2	AV	N	GND
	2.530000	22.10	11.0	46	23.9	AV	N	GND
	6.030000	19.70	11.2	50	30.3	AV	N	GND

## Appendix A.2: Test Plots of Radiated Emission

Model: XMTRC



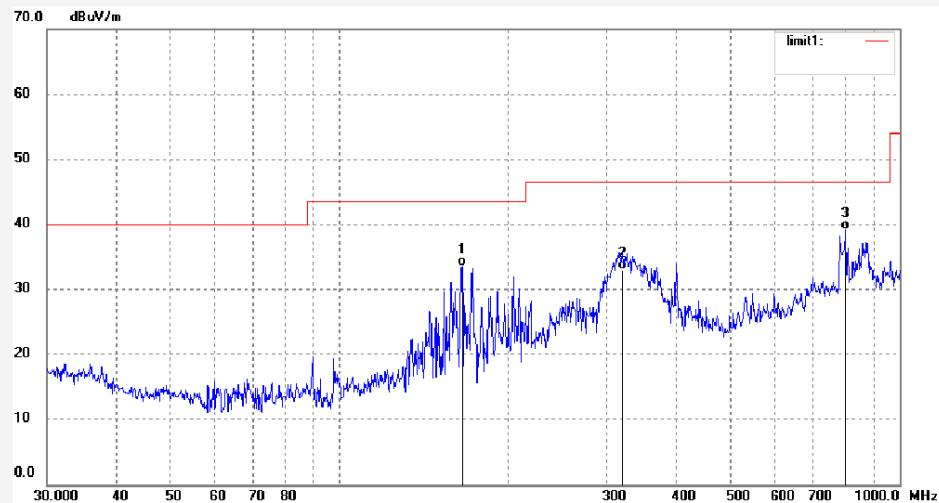
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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3592      Polarization: Horizontal  
Standard: FCC Class B 3M Radiated      Power Source: DC 5V  
Test item: Radiation Test      Date: 16/11/16/  
Temp.( C)/Hum.(%) 23 C / 48 %      Time:  
EUT: Radio Remote and Trigger      Engineer Signature: LGWADE  
Mode: Transfer Data      Distance: 3m  
Model: XMTRC  
Manufacturer:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	165.4866	47.77	-14.24	33.53	43.50	-9.97	QP			
2	319.9370	41.37	-8.45	32.92	46.40	-13.48	QP			
3	801.7862	38.30	0.87	39.17	46.40	-7.23	QP			



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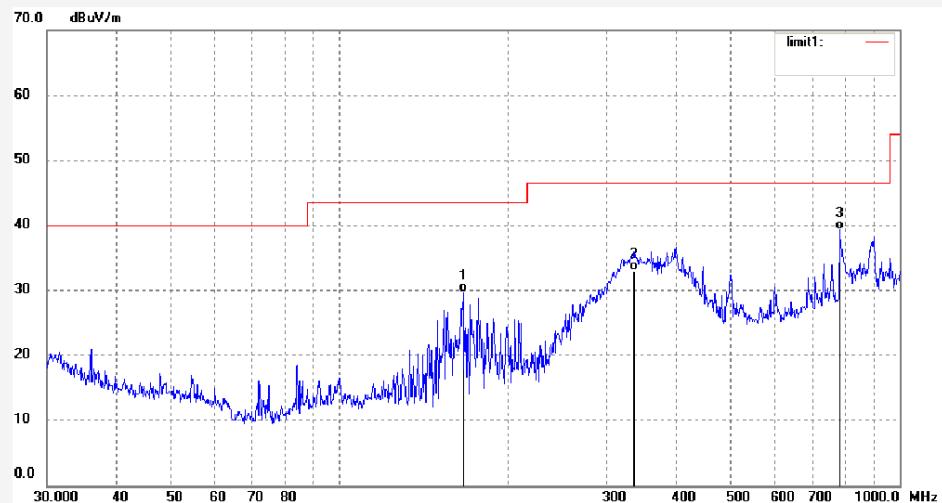
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3461  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp. ( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: Transfer Data  
Model: XMTRC  
Manufacturer:

Polarization: Vertical  
Power Source: DC 5V  
Date: 16/11/16/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	166.0680	43.84	-14.16	29.68	43.50	-13.82	QP			
2	336.0351	40.86	-7.91	32.95	46.40	-13.45	QP			
3	782.3452	38.84	0.41	39.25	46.40	-7.15	QP			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3524

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 16/11/18/

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Radio Remote and Trigger

Engineer Signature: LGWADE

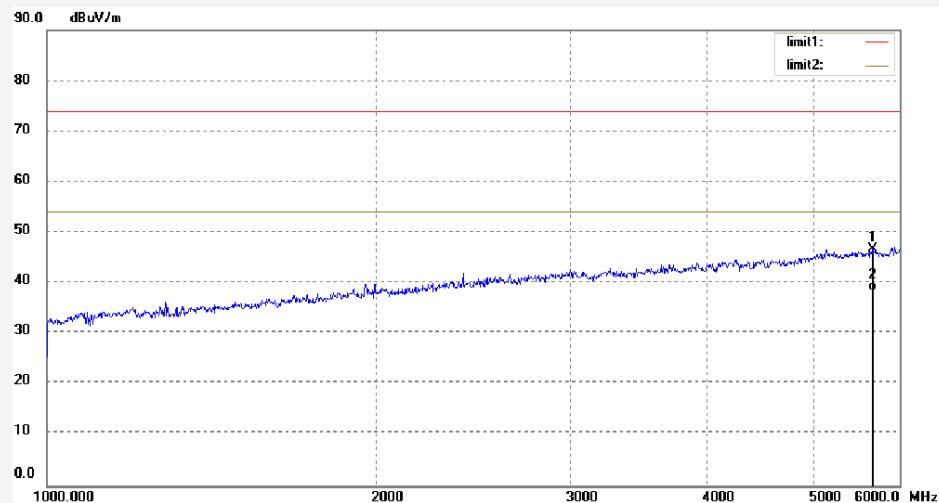
Mode: Transfer Data

Distance: 3m

Model: XMTRC

Manufacturer:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5665.659	39.04	7.58	46.62	74.00	-27.38	peak			
2	5665.659	30.89	7.58	38.47	54.00	-15.53	AVG			



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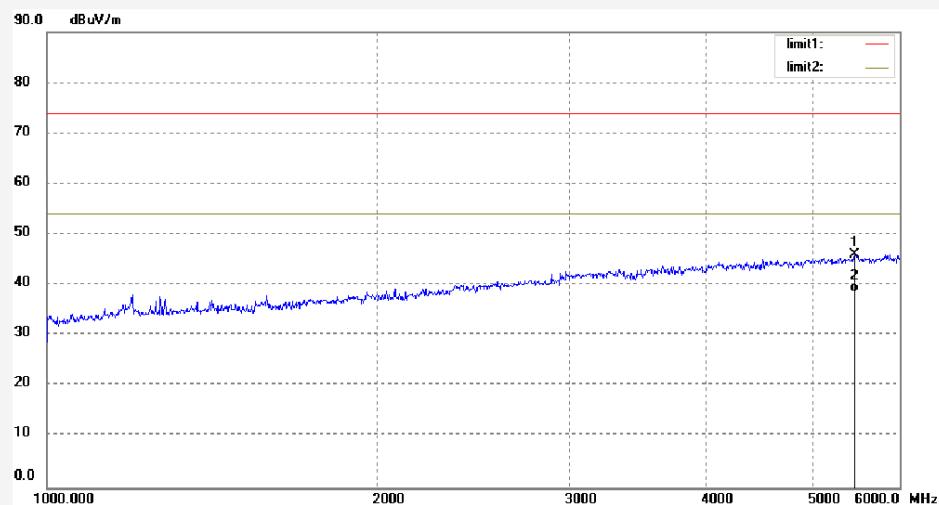
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3525  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: Transfer Data  
Model: XMTRC  
Manufacturer:

Polarization: Vertical  
Power Source: DC 5V  
Date: 16/11/18/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5456.438	38.88	7.16	46.04	74.00	-27.96	peak			
2	5456.438	31.38	7.16	38.54	54.00	-15.46	AVG			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3455

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

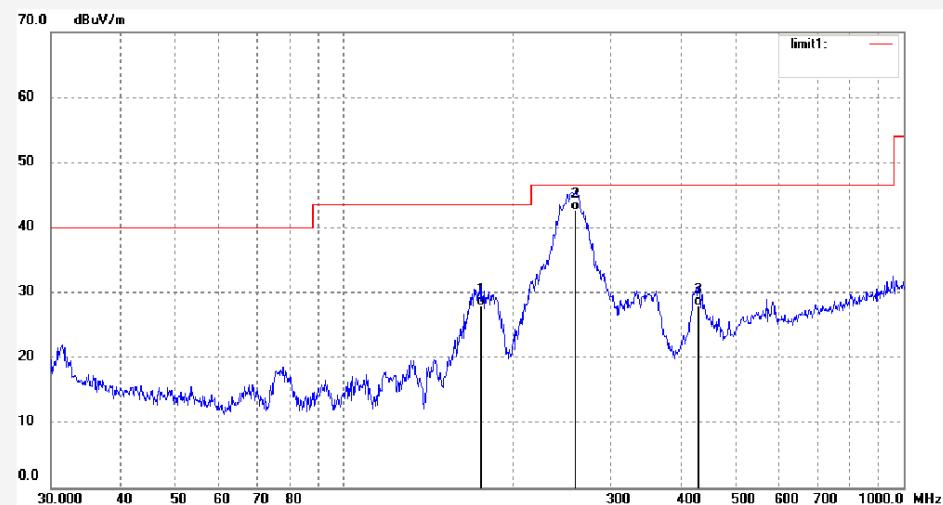
EUT: Radio Remote and Trigger

Mode: On

Model: XMTRC

Manufacturer:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	175.6516	41.45	-13.47	27.98	43.50	-15.52	QP			
2	259.2337	53.15	-10.49	42.66	46.40	-3.74	QP			
3	429.5228	33.54	-5.64	27.90	46.40	-18.50	QP			



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

Job No.: LGW2015 #3456

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 3V

Test item: Radiation Test

Date: 16/11/16/

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Radio Remote and Trigger

Engineer Signature: LGWADE

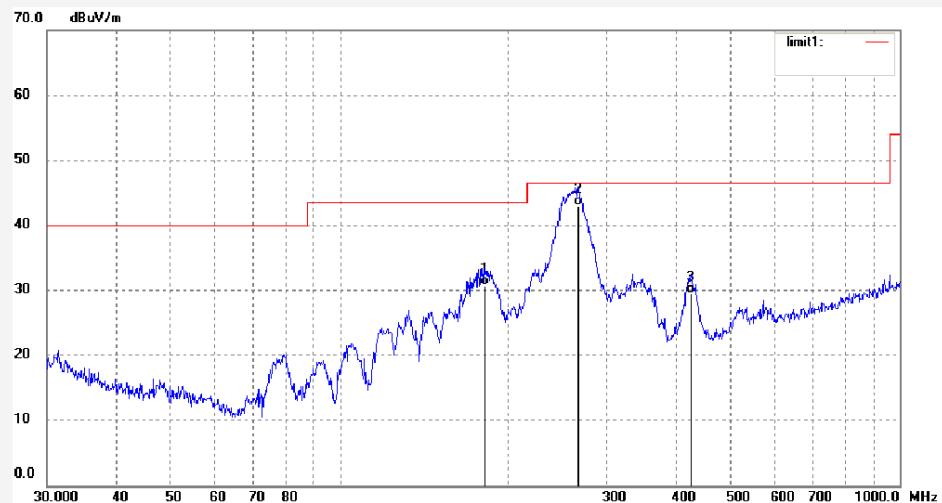
Mode: On

Distance: 3m

Model: XMTRC

Manufacturer:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	181.9201	43.77	-13.02	30.75	43.50	-12.75	QP			
2	266.6089	53.06	-10.11	42.95	46.40	-3.45	QP			
3	423.5403	35.29	-5.75	29.54	46.40	-16.86	QP			



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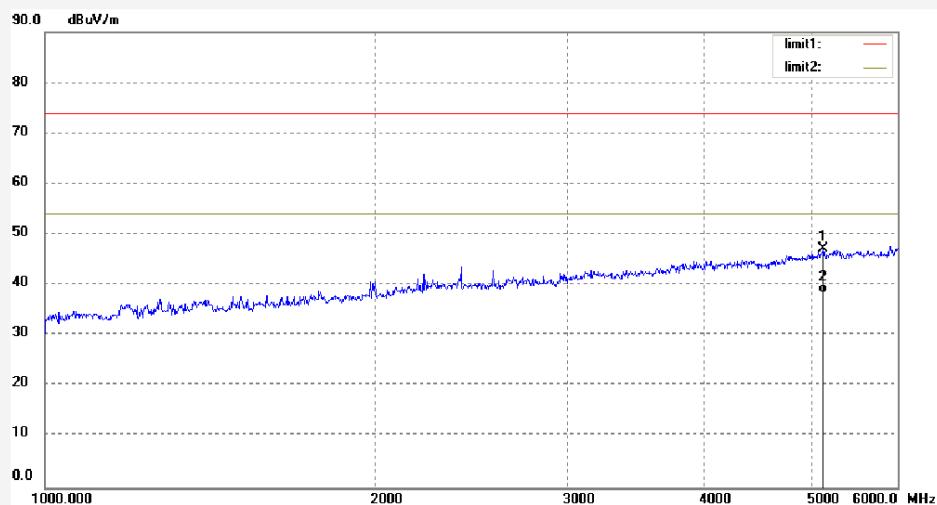
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3526  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: On  
Model: XMTRC  
Manufacturer:

Polarization: Vertical  
Power Source: DC 3V  
Date: 16/11/18/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5133.955	40.77	6.32	47.09	74.00	-26.91	peak			
2	5133.955	32.14	6.32	38.46	54.00	-15.54	AVG			



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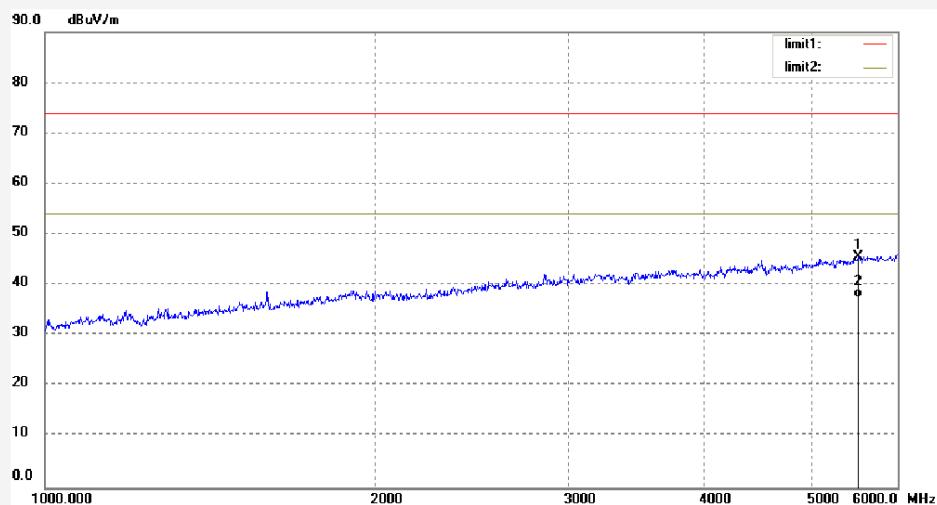
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3527  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: On  
Model: XMTRC  
Manufacturer:

Polarization: Horizontal  
Power Source: DC 3V  
Date: 16/11/18/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5525.306	38.18	7.48	45.66	74.00	-28.34	peak			
2	5525.306	30.08	7.48	37.56	54.00	-16.44	AVG			

**Model: XMTRS**



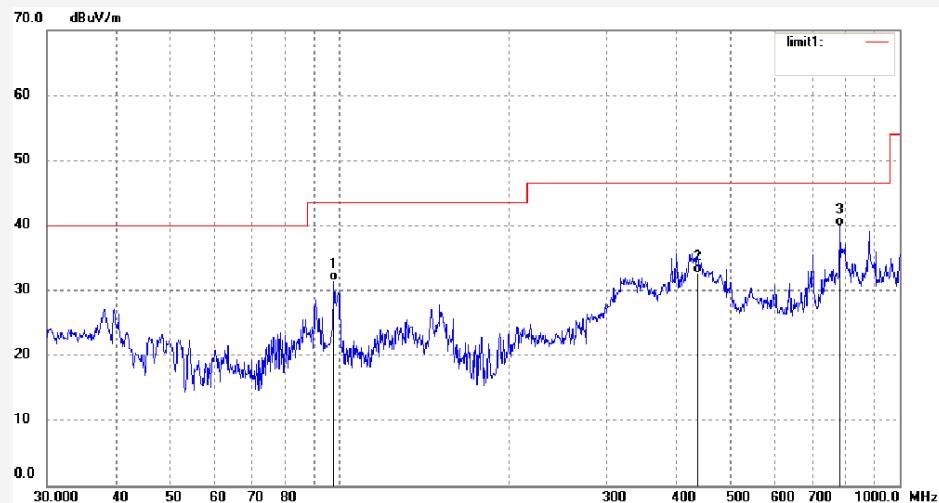
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3445	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 16/11/16/
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Radio Remote and Trigger	Engineer Signature: LGWADE
Mode: Transfer Data	Distance: 3m
Model: XMTRS	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	97.7982	45.27	-13.80	31.47	43.50	-12.03	QP			
2	435.5898	38.15	-5.51	32.64	46.40	-13.76	QP			
3	782.3452	39.33	0.41	39.74	46.40	-6.66	QP			



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Fax:+86-0755-26503396

Job No.: LGW2015 #3446

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

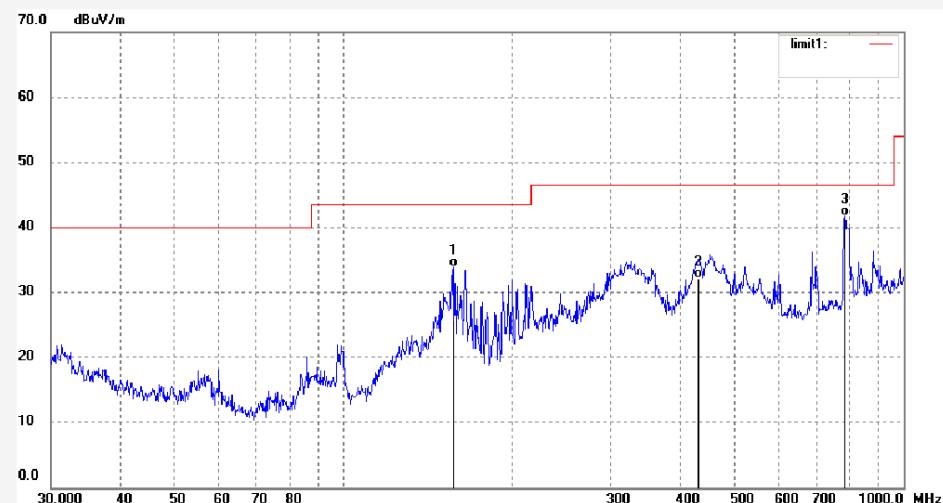
EUT: Radio Remote and Trigger

Mode: Transfer Data

Model: XMTRS

Manufacturer:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	157.5588	48.62	-14.69	33.93	43.50	-9.57	QP			
2	429.5228	37.74	-5.64	32.10	46.40	-14.30	QP			
3	785.0934	41.27	0.46	41.73	46.40	-4.67	QP			



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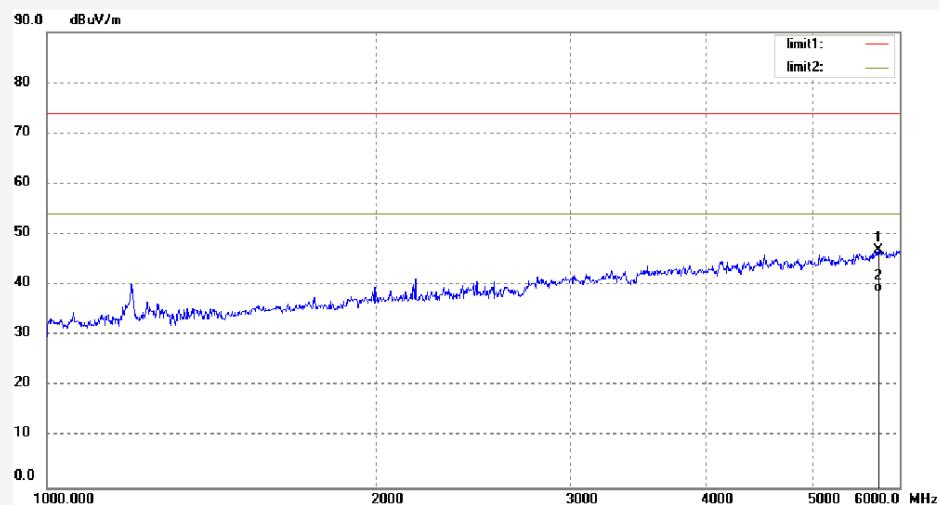
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3522  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: Transfer Data  
Model: XMTRS  
Manufacturer:

Polarization: Vertical  
Power Source: DC 5V  
Date: 16/11/18/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5737.167	39.20	7.72	46.92	74.00	-27.08	peak			
2	5737.167	30.82	7.72	38.54	54.00	-15.46	AVG			



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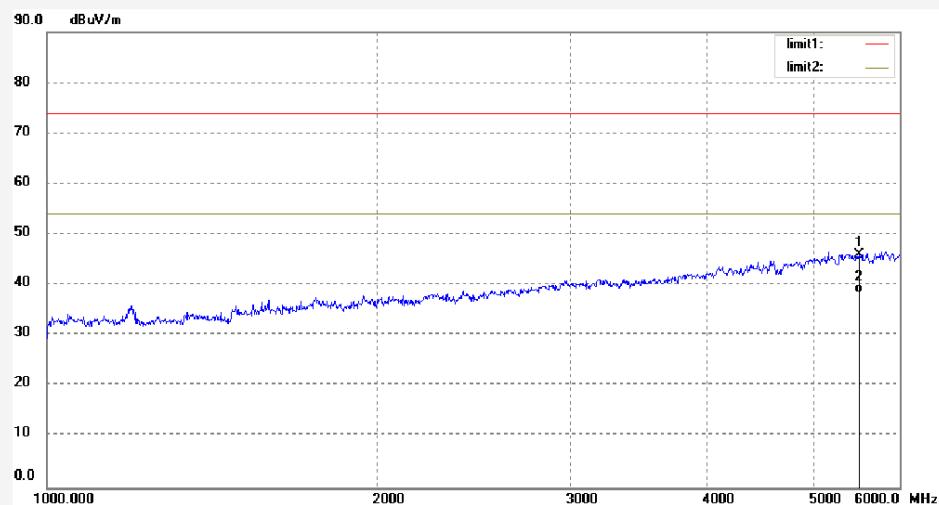
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3523  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: Transfer Data  
Model: XMTRS  
Manufacturer:

Polarization: Horizontal  
Power Source: DC 5V  
Date: 16/11/18/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5505.541	38.70	7.42	46.12	74.00	-27.88	peak			
2	5505.541	31.04	7.42	38.46	54.00	-15.54	AVG			



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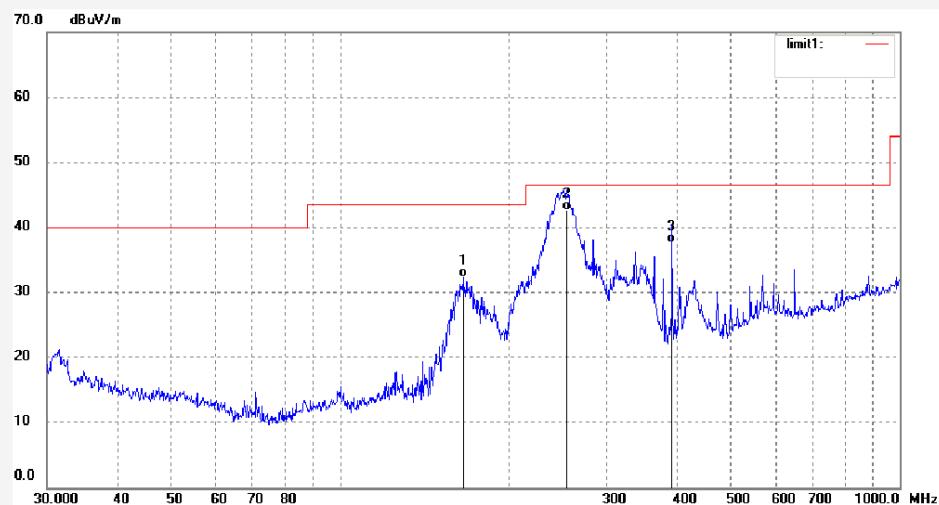
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3439  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: On  
Model: XMTRS  
Manufacturer:

Polarization: Horizontal  
Power Source: DC 3V  
Date: 16/11/16/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	166.0680	46.40	-14.16	32.24	43.50	-11.26	QP			
2	254.7283	53.21	-10.53	42.68	46.40	-3.72	QP			
3	392.0951	44.35	-6.77	37.58	46.40	-8.82	QP			



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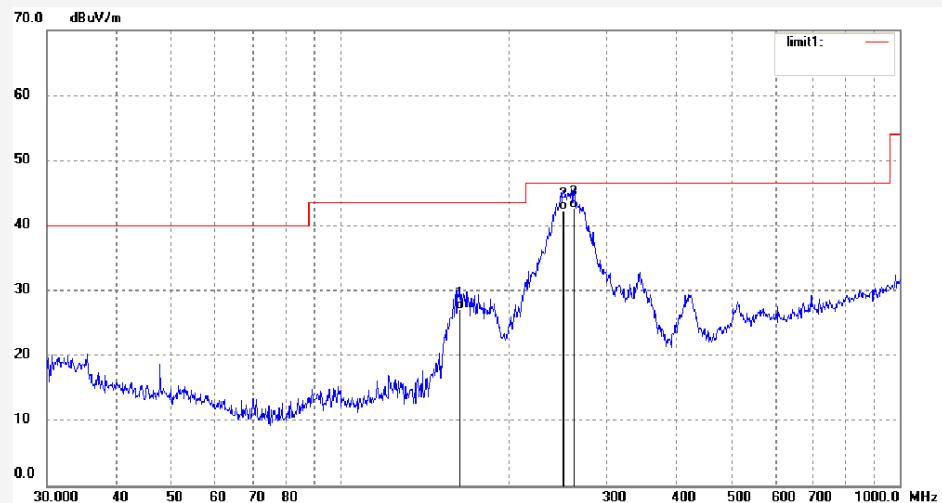
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3440  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: On  
Model: XMTRS  
Manufacturer:

Polarization: Vertical  
Power Source: DC 3V  
Date: 16/11/16/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	164.3301	41.45	-14.34	27.11	43.50	-16.39	QP			
2	251.1803	52.87	-10.54	42.33	46.40	-4.07	QP			
3	261.9753	52.90	-10.37	42.53	46.40	-3.87	QP			



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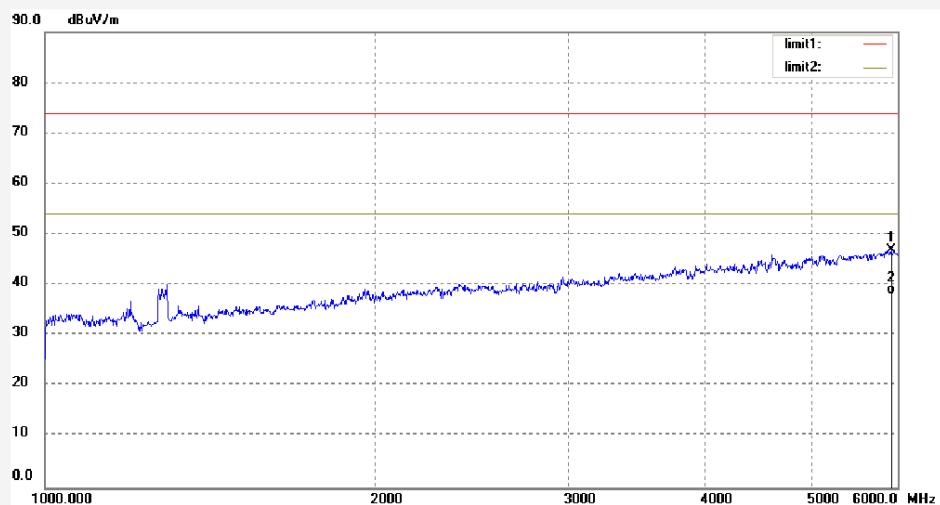
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3520  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: On  
Model: XMTRS  
Manufacturer:

Polarization: Horizontal  
Power Source: DC 3V  
Date: 16/11/18/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5914.609	38.40	8.46	46.86	74.00	-27.14	peak			
2	5914.609	29.64	8.46	38.10	54.00	-15.90	AVG			



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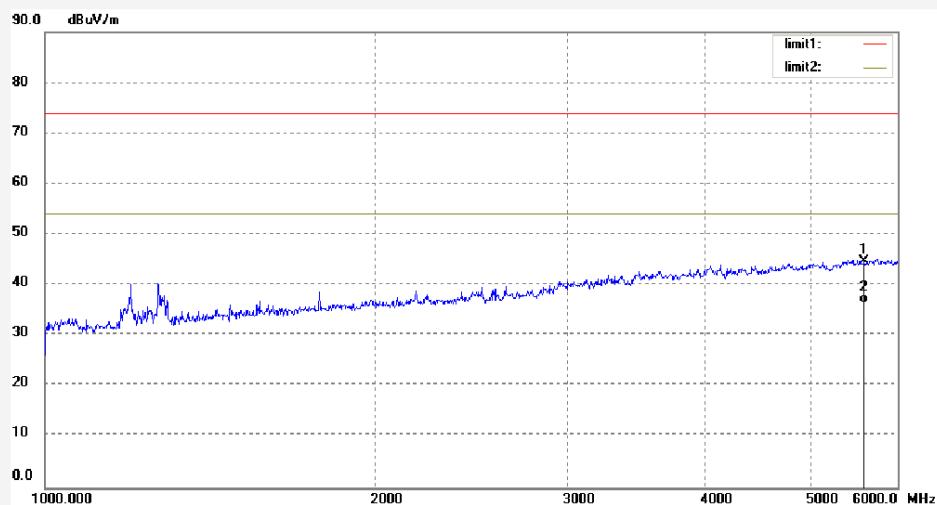
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3521  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: On  
Model: XMTRS  
Manufacturer:

Polarization: Vertical  
Power Source: DC 3V  
Date: 16/11/18/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5595.042	37.03	7.69	44.72	74.00	-29.28	peak			
2	5595.042	28.54	7.69	36.23	54.00	-17.77	AVG			

**Model: XMTRN**



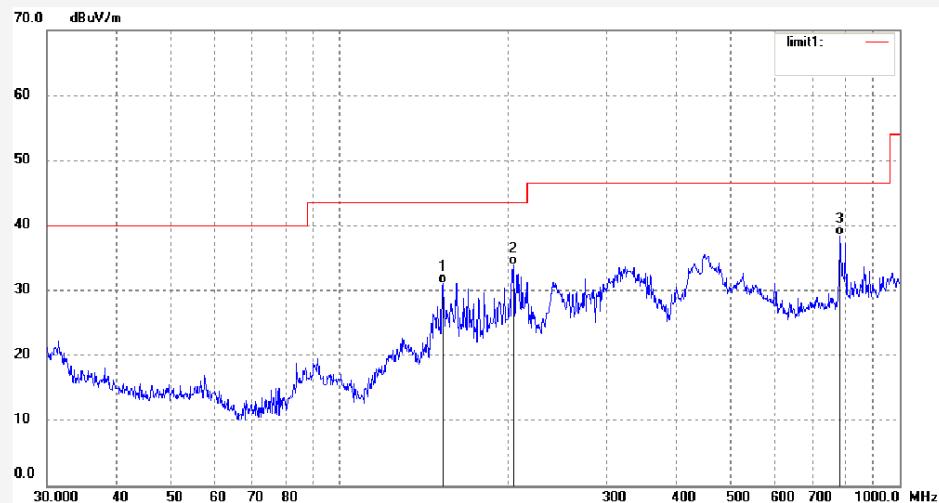
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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3447	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 16/11/16/
Temp.( C)/Hum.(%) 23 C / 48 %	Time:
EUT: Radio Remote and Trigger	Engineer Signature: LGWADE
Mode: Transfer Data	Distance: 3m
Model: XMTRN	
Manufacturer:	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	153.2004	46.01	-14.99	31.02	43.50	-12.48	QP			
2	204.2376	46.00	-12.14	33.86	43.50	-9.64	QP			
3	782.3452	37.93	0.41	38.34	46.40	-8.06	QP			



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Fax:+86-0755-26503396

Job No.: LGW2015 #3448

Polarization: Vertical

Standard: FCC Class B 3M Radiated

Power Source: DC 5V

Test item: Radiation Test

Date: 16/11/16/

Temp.( C)/Hum.(%) 23 C / 48 %

Time:

EUT: Radio Remote and Trigger

Engineer Signature: LGWADE

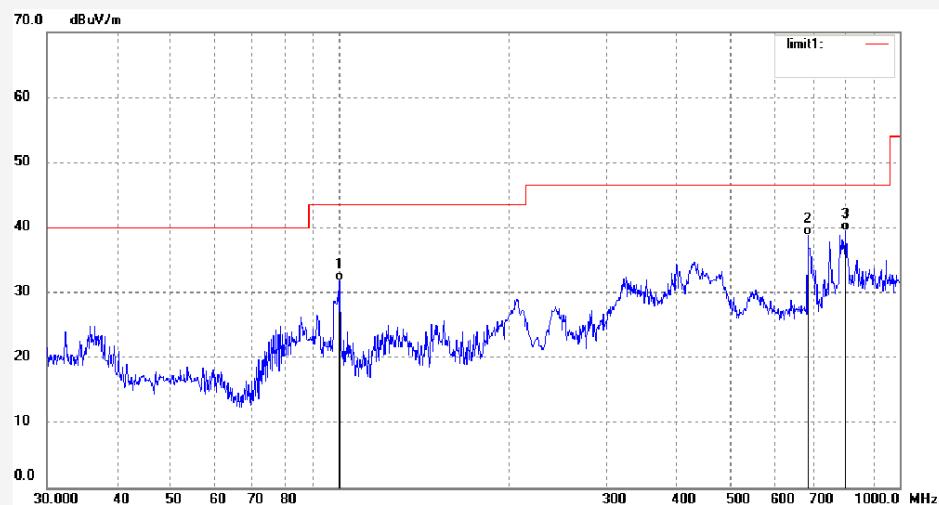
Mode: Transfer Data

Distance: 3m

Model: XMTRN

Manufacturer:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	99.8777	44.90	-13.09	31.81	43.50	-11.69	QP			
2	684.7454	40.07	-1.30	38.77	46.40	-7.63	QP			
3	801.7862	38.63	0.87	39.50	46.40	-6.90	QP			



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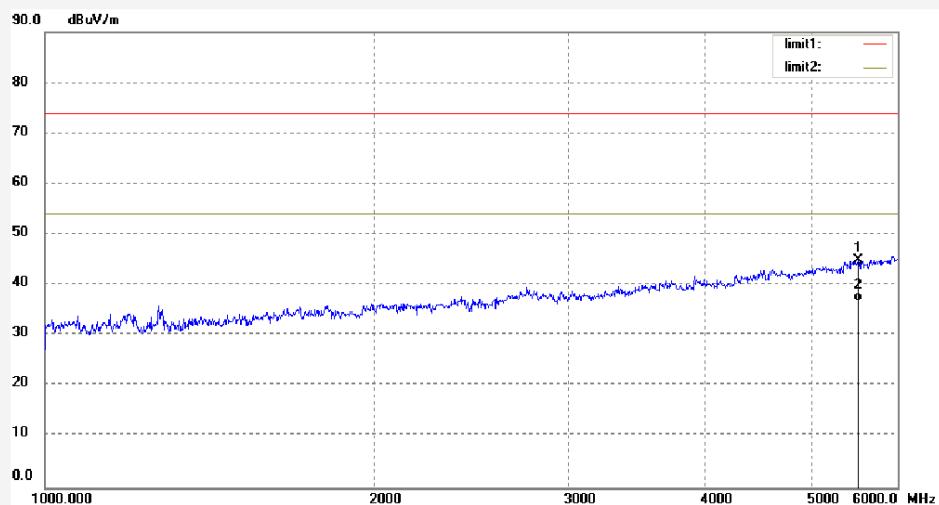
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3508  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: Transfer Data  
Model: XMTRN  
Manufacturer:

Polarization: Horizontal  
Power Source: DC 5V  
Date: 16/11/18/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5525.306	37.42	7.48	44.90	74.00	-29.10	peak			
2	5525.306	29.34	7.48	36.82	54.00	-17.18	AVG			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3509  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: Transfer Data  
Model: XMTRN  
Manufacturer:

Polarization: Vertical  
Power Source: DC 5V  
Date: 16/11/18/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5778.433	37.55	7.97	45.52	74.00	-28.48	peak			
2	5778.433	29.28	7.97	37.25	54.00	-16.75	AVG			



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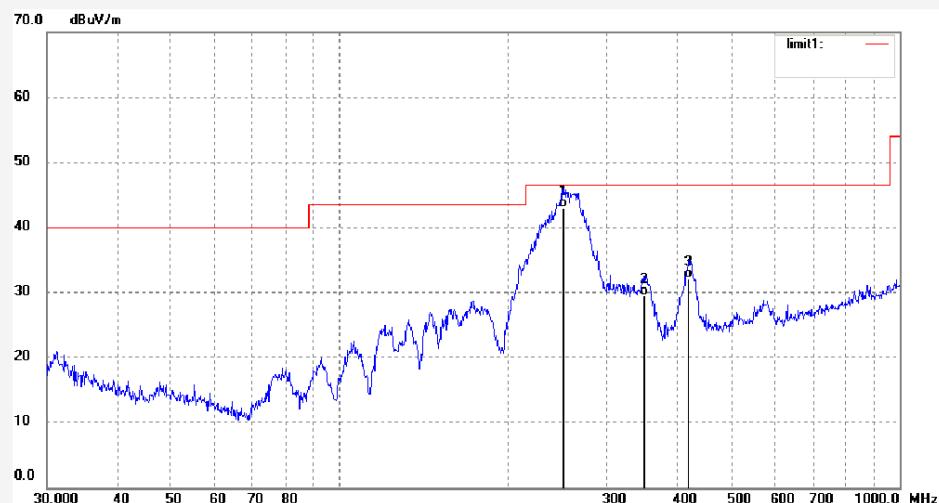
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3453  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp. ( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: On  
Model: XMTRN  
Manufacturer:

Polarization: Vertical  
Power Source: DC 3V  
Date: 16/11/16/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	251.1803	53.47	-10.54	42.93	46.40	-3.47	QP			
2	349.2500	36.96	-7.44	29.52	46.40	-16.88	QP			
3	420.5803	37.87	-5.75	32.12	46.40	-14.28	QP			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
Fax:+86-0755-26503396

Job No.: LGW2015 #3454

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

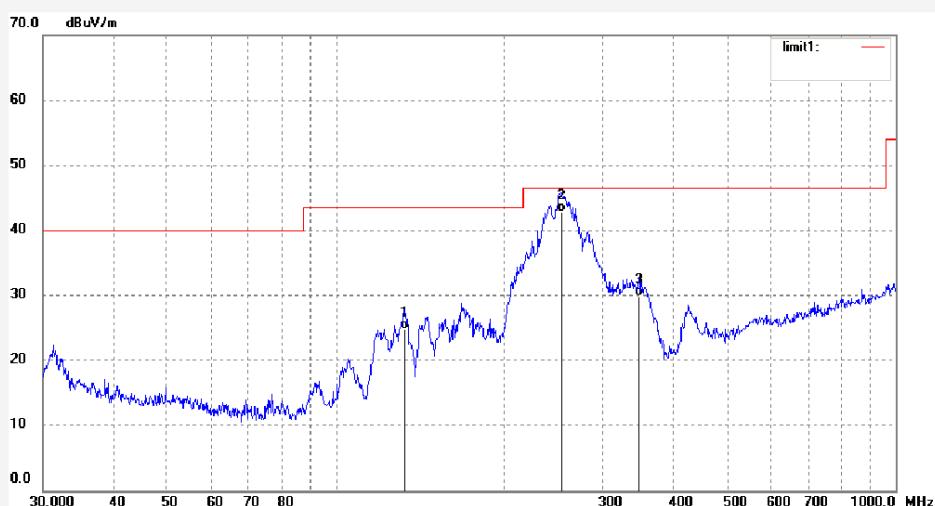
EUT: Radio Remote and Trigger

Mode: On

Model: XMTRN

Manufacturer:

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	133.1511	38.59	-13.89	24.70	43.50	-18.80	QP			
2	252.9482	53.32	-10.53	42.79	46.40	-3.61	QP			
3	348.0274	37.24	-7.47	29.77	46.40	-16.63	QP			



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Site: 2# Chamber  
Tel:+86-0755-26503290  
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Job No.: LGW2015 #3510  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: On  
Model: XMTRN  
Manufacturer:

Polarization: Vertical  
Power Source: DC 3V  
Date: 16/11/18/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5840.889	37.62	8.23	45.85	74.00	-28.15	peak			
2	5840.889	28.33	8.23	36.56	54.00	-17.44	AVG			



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Site: 2# Chamber  
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Fax:+86-0755-26503396

Job No.: LGW2015 #3511  
Standard: FCC Class B 3M Radiated  
Test item: Radiation Test  
Temp.( C)/Hum.(%) 23 C / 48 %  
EUT: Radio Remote and Trigger  
Mode: On  
Model: XMTRN  
Manufacturer:

Polarization: Horizontal  
Power Source: DC 3V  
Date: 16/11/18/  
Time:  
Engineer Signature: LGWADE  
Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5330.811	40.81	6.87	47.68	74.00	-26.32	peak			
2	5330.811	31.59	6.87	38.46	54.00	-15.54	AVG			