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<b>Auftraggeber:</b> <i>Client:</i>	<b>Sam Ash Music Corporation</b> 262 Duffy Avenue Hicksville NY, 11801 Unite States				
<b>Gegenstand der Prüfung:</b> <b>Wireless Microphone Receiver</b> <i>Test item:</i>					
<b>Bezeichnung:</b> <i>Identification:</i>	<b>CR77</b>	<b>FCC ID:</b> <i>FCC ID</i>	<b>CCRCR77</b>		
<b>Wareneingangs-Nr.:</b> <i>Receipt No.:</i>	<b>173040804</b>	<b>Eingangsdatum:</b> <i>Date of receipt:</i>	<b>28.10.2008</b>		
<b>Prüfört:</b> <i>Testing location:</i>	<b>TÜV Rheinland (Guangdong) Ltd. EMC Laboratory</b> Guangzhou Auto Market, Yuan Gang Section of Guangshan Road, Guangzhou 510650, P. R. China		Listed test laboratory according to FCC rules section 2.948 for measuring devices under Parts 15		
<b>Prüfgrundlage:</b> <i>Test specification:</i>	<b>ANSI C63.4:2003</b> <b>FCC Part 15: 20, Sep. 2007</b> <b>Subpart B section 15.107, 15.109</b>				
<b>Prüfergebnis:</b> <i>Test Result:</i>	<b>Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n).</b> <i>The test item passed the test specification(s).</i>				
<b>Prüflaboratorium:</b> <i>Testing Laboratory:</i>	<b>TÜV Rheinland (Guangdong) Ltd.</b>				
<b>geprüft/ tested by:</b>		<b>kontrolliert/ reviewed by:</b>			
Del 31. 2008 Ricky Liu/Project Manager		Dec. 31, 2008 Liangdong Xie/Project Manager			
<b>Datum</b> <i>Date</i>	<b>Name/Stellung</b> <i>Name/Position</i>	<b>Unterschrift</b> <i>Signature</i>	<b>Datum</b> <i>Date</i>	<b>Name/Stellung</b> <i>Name/Position</i>	<b>Unterschrift</b> <i>Signature</i>
<b>Sonstiges/ Other Aspects:</b>					
<b>Abkürzungen:</b> P(ass) = entspricht Prüfgrundlage F(ail) = entspricht nicht Prüfgrundlage N/A = nicht anwendbar N/T = nicht getestet			<b>Abbreviations:</b> P(ass) = passed F(ail) = failed N/A = not applicable N/T = not tested		
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. This test report 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 safety mark on this or similar products.					

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## TEST SUMMARY

**5.1 CONDUCTED EMISSION FOR FCC PART 15 PER SECTION 15.107(A)**

*RESULT: Pass*

**5.2 RADIATED EMISSION FOR FCC PART 15 PER SECTION 15.109(A)**

*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 1: Test result

## **2 Test Sites**

### **2.1 Test Facilities**

**TÜV Rheinland (Guangdong) Ltd. EMC Laboratory**

Guangzhou Auto Market, Yuan Gang Section of Guangshan Road  
Guangzhou 510650

P. R. China

## 2.2 List of Test and Measurement Instruments

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

Kind of Equipment	Type	Manufacturer	S/N	Calibrated until	Calibrated Interval
EMI Test Receiver	ESCI-3	Rohde & Schwarz	100216	24.Nov.2009	1 year
Spectrum Analyzer	FSP30	Rohde & Schwarz	100286	27.Aug.2009	1 year
Trilog-Broadband Antenna	VULB9168	SCHWARZBECK MESS-ELEKTRONIK	210	08.May.2009	2 year
Double-Ridged Waveguide Horn Antenna	HF906	Rohde & Schwarz	100385	18.Jul.2009	2 year
Double-Ridged Waveguide Horn Antenna	HF906	Rohde & Schwarz	100407	08.May.2009	2 year
Pre-amplifier	AFS42- 00101800- 25-S-42	MITEQ	1101599	31.Jul.2009	2 year
Band Reject Filter	BRM50702	Micro-Tronics	023	15.Feb.2010	2 year
Standard Gain Horn Antenna	3160-09	EMCO	21642	N/A	2 year
Standard Gain Horn Antenna	3160-09	EMCO	21645	N/A	2 year
Pre-amplifier	AFS33- 18002650- 30-8P-44	MITEQ	1108282	31.Jul.2009	2 year
3m Anechoic Chamber	N/A	Albatross Project GmbH	N/A	16.Apr.2010	2 year
EMI Test Receiver	ESCS30	Rohde & Schwarz	100316	27.Mar.2009	1 year
Two-Line V-Network	ESH3-Z5	Rohde & Schwarz	100308	27.Mar.2009	1 year
Pulse Limiter	ESH3-Z2	Rohde & Schwarz	100701	01.Mar.2009	1 year

## 2.3 Trace ability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations

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## **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**

Uncertainty for conducted emissions measurements is  $\pm 2.51$  dB.

Uncertainty for radiated emissions measurements is  $\pm 4.9$  dB (30MHz-1GHz),  $\pm 4.84$  dB (>1GHz).

The reported expanded uncertainty is based on a standard uncertainty multiply by a coverage factor  $k=2$ , providing a level of confidence of approximately 95%.

## **2.6 Location of original data**

The original copies of all test data taken during actual testing were attached at Appendix 1 of this report and delivered to the applicant. A copy has been retained in the TUV Rheinland (Guangzhou) file for certification follow-up purposes.

## **2.7 Status of facility used for testing**

TÜV Rheinland (Guangdong) Ltd. EMC Laboratory; Guangzhou Auto Market, Yuan Gang Section of Guangshan Road, Guangzhou 510650, P. R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements, the register no. 833845

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### 3 General Product Information

The submitted sample CR77 is wireless microphones receiver operating within the frequency range of 740 MHz to 769 MHz.

#### 3.1 Product Function and Intended Use

For details, refer to User Manual.

#### 3.2 Ratings and System Details

Frequency range	:	642.375MHz - 645.750MHz
Type of antenna	:	Integral
FCC ID:		CCR77
Power supply	:	DC 12V, 160mA from AC/DC adaptor
Ports	:	DC power input
Protection Class	:	III

Refer to the technical document and user manual for further information.

#### 3.3 Independent Operation Modes

The basic operation modes are:

Receiving with freq. adjustable manually

For further information refer to User Manual

#### 3.4 Submitted Documents

Block Diagram  
Circuit Diagram  
PCB Layout  
FCC Label  
User Manual  
Photo Document

## **4 Test Set-up and Operation Mode**

### **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**

Refer to Test set-up in chapter 5.

### **4.3 Special Accessories and Auxiliary Equipment**

The product has been tested together with the following linear AC/DC adaptor:

Adaptor:

Input : AC 120V, 60Hz  
Output : DC 12V / 500mA  
Protection class : II

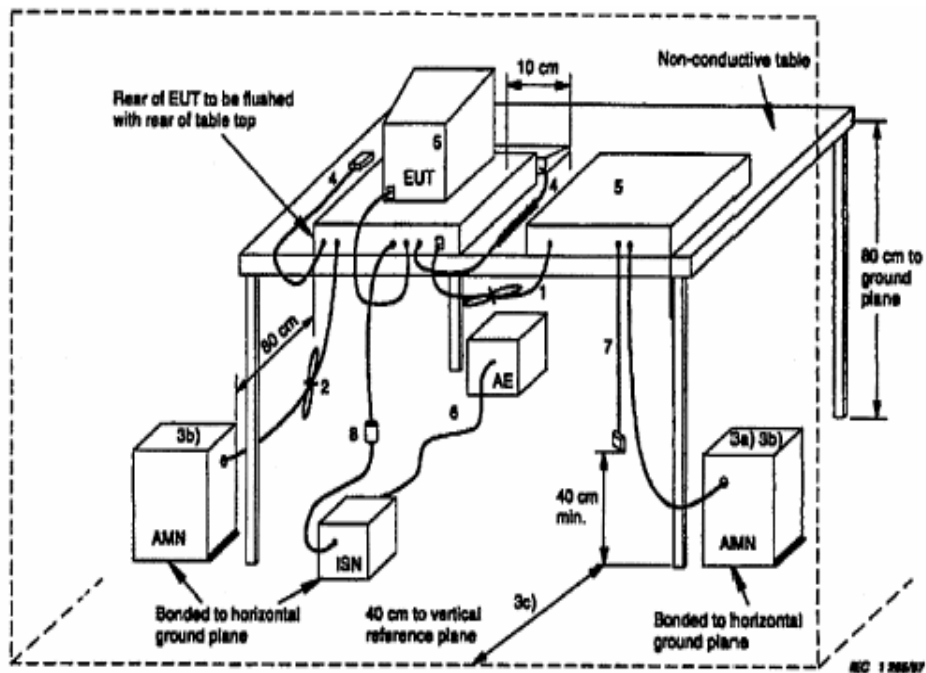
### **4.4 Countermeasures to achieve EMC Compliance**

The test sample, which has been tested, contained the noise suppression parts as described in the Constructional Data Form or the Technical document. No additional measures were employed to achieve compliance.

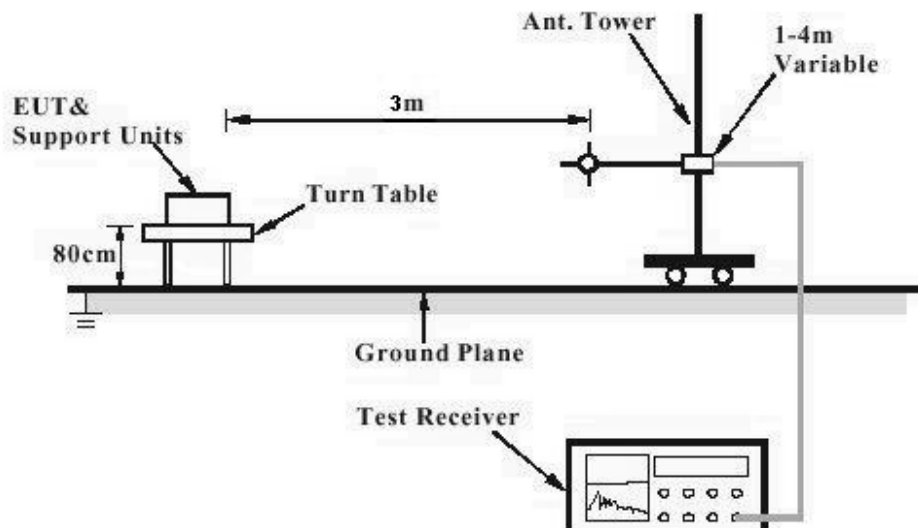


## 4.5 Test set-up

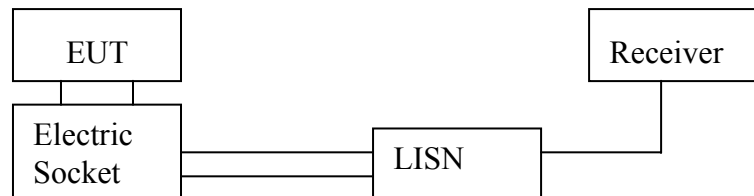
### Diagram 1 of Measurement Equipment Configuration for Testing Conducted Emission



### Diagram 2 of Measurement Equipment Configuration for Testing Radiated Emission



**Diagram 3 of Equipment Configuration for Testing Conducted Emission**



**Diagram 4 of Equipment Configuration for Testing Radiated Emission**



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## 5 Test Results EMISSION

### 5.1 Conducted Emission for FCC Part 15 Per Section 15.107(a)

**RESULT:**

**Pass**

Date of testing	:	26.Nov.2008
Test specification	:	FCC Part 15 Per Section 15.107(a)
Limits	:	FCC Part 15 Per Section 15.107(a)
Test procedure	:	Procedure specified in ANSI C63.4 were followed
Deviations from Standard Test procedures	:	None
Kind of test site	:	Shielded room
Operation mode	:	Receiving (powered by linear AC/DC adaptor)
Temperature	:	22°C
Humidity	:	50%

**Test procedure:**

1. Place the EUT as specified in ANSI C63.4 Clause 7.2.1
2. Plug the LISN to a correct power source (pay attention to: AC/DC, voltage, frequency).
4. Connect the EUT to LISN and choose N or L1 on the LISN.
5. Connect ESCS30 and LISN via a 50-ohm coaxial cable and a pulse limiter then begin exploratory measurement as specified in ANSI C63.4 Clause 7.2.3
6. Make final measurement as specified in ANSI C63.4 Clause 7.2.4
7. Switch to the other line on the LISN and repeat step 4 to 6.

If the result of the measurement with the Quasi Peak detector is below the Average limit, the measurement with Average Detector may be omitted.

The spectral diagrams in Appendix 1 display the exploratory measurement of un-weighted peak values and average values.

\* ) Disturbances other than those mentioned below are small or not detectable.

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**Table 2: Disturbance Voltage on AC Mains (L line)**

**Final Measurement Detector 1**

Frequency (MHz)	QuasiPeak (dB $\mu$ V)	Meas. Time (ms)	Bandwidth (kHz)	Line
0.361500	32.9	1000.000	9.000	L1
0.568500	31.1	1000.000	9.000	L1
0.991500	22.3	1000.000	9.000	L1
4.326000	12.3	1000.000	9.000	L1
11.089500	14.2	1000.000	9.000	L1
29.269500	17.0	1000.000	9.000	L1

(continuation of the "Final Measurement Detector 1" table from column 6 ...)

Frequency (MHz)	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)	Comment
0.361500	10.2	25.8	58.7	
0.568500	10.1	24.9	56.0	
0.991500	10.1	33.7	56.0	
4.326000	10.4	43.7	56.0	
11.089500	10.9	45.8	60.0	
29.269500	11.9	43.0	60.0	

**Final Measurement Detector 2**

Frequency (MHz)	Average (dB $\mu$ V)	Meas. Time (ms)	Bandwidth (kHz)	Line
0.361500	13.0	1000.000	9.000	L1
0.424500	12.5	1000.000	9.000	L1
1.023000	10.4	1000.000	9.000	L1
4.956000	10.3	1000.000	9.000	L1
7.998000	11.6	1000.000	9.000	L1
29.269500	13.3	1000.000	9.000	L1

(continuation of the "Final Measurement Detector 2" table from column 6 ...)

Frequency (MHz)	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)	Comment
0.361500	10.2	35.7	48.7	
0.424500	10.1	34.8	47.4	
1.023000	10.1	35.6	46.0	
4.956000	10.5	35.7	46.0	
7.998000	10.6	38.4	50.0	
29.269500	11.9	36.7	50.0	

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**Table 3: Disturbance Voltage on AC Mains (N line)**

**Final Measurement Detector 1**

Frequency (MHz)	QuasiPeak (dB $\mu$ V)	Meas. Time (ms)	Bandwidth (kHz)	Line
0.320000	33.8	1000.000	9.000	N
0.555000	30.9	1000.000	9.000	N
1.015000	20.0	1000.000	9.000	N
3.346320	11.9	1000.000	9.000	N
7.738330	14.3	1000.000	9.000	N
29.710400	15.8	1000.000	9.000	N

(continuation of the "Final Measurement Detector 1" table from column 6 ...)

Frequency (MHz)	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)	Comment
0.320000	10.1	25.9	59.7	
0.555000	10.1	25.1	56.0	
1.015000	10.0	36.0	56.0	
3.346320	10.3	44.1	56.0	
7.738330	10.5	45.7	60.0	
29.710400	11.5	44.2	60.0	

**Final Measurement Detector 2**

Frequency (MHz)	Average (dB $\mu$ V)	Meas. Time (ms)	Bandwidth (kHz)	Line
0.335000	13.0	1000.000	9.000	N
0.535000	12.2	1000.000	9.000	N
0.900000	10.4	1000.000	9.000	N
4.928760	10.2	1000.000	9.000	N
7.862890	11.4	1000.000	9.000	N
29.710400	12.4	1000.000	9.000	N

(continuation of the "Final Measurement Detector 2" table from column 6 ...)

Frequency (MHz)	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V)	Comment
0.335000	10.1	36.3	49.3	
0.535000	10.1	33.8	46.0	
0.900000	10.1	35.6	46.0	
4.928760	10.3	35.8	46.0	
7.862890	10.5	38.6	50.0	
29.710400	11.5	37.6	50.0	

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## **5.2 Radiated Emission for FCC Part 15 Per Section 15.109(a)**

### **RESULT:**

**Pass**

Date of testing	:	11.Dec.2008
Test specification	:	FCC Part 15 Per Section 15.109(a)
Limits	:	FCC Part 15 Per Section 15.109(a)
Test procedure	:	Procedure specified in ANSI C63.4 were followed
Deviations from Standard Test procedures		
	:	None
Kind of test site	:	3m Semi-anechoic chamber
Operation mode	:	Receiving at high and low channels
Temperature	:	22°C
Humidity	:	50%

### **Test procedure:**

1. The EUT was turned on and placed on the top of a rotatable table 0.8 meters above the ground with 3-orthogonal XYZ direction and be kept close enough to the measurement receiving antenna (especially for the measurement frequency range above 1 GHz). The table was then rotated 360 degrees to detect the suspected emission frequency points. The position of the worst radiation case with both horizontal and vertical receiving antenna polarization was then recorded together with the suspected emission frequency points above-mentioned.
2. The EUT was then set 3 meters away from the receiving antenna, which was mounted on a variable-height antenna tower.
3. For each suspected emission frequency point recorded in step 1, the EUT was arranged to its worst case that the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to read the maximum emission.

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**Table 4: Final measurements of Radiated Emission (EUT was set to lowest channel)**

**(30MHz to 1000MHz)**

**Limit and Margin**

Frequency (MHz)	QuasiPeak (dB $\mu$ V/m)	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity
43.930000	23.5	13.8	16.5	40.0	V
51.248750	19.2	12.7	20.8	40.0	V
592.388750	33.2	23.9	12.8	46.0	V
762.320000	23.9	26.5	22.1	46.0	V

**Limit and Margin**

Frequency (MHz)	QuasiPeak (dB $\mu$ V/m)	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity
36.250000	10.9	14.3	29.1	40.0	H
40.650000	10.6	14.3	29.4	40.0	H
112.700000	5.8	9.7	37.7	43.5	H
592.400000	34.3	23.9	11.7	46.0	H

**(1GHz to 5GHz)**

**Limit and Margin PK**

Frequency (MHz)	MaxPeak (dB $\mu$ V/m)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity	Corr. (dB)
1181.300000	45.9	28.1	74.0	V	-16.8
2362.500000	48.7	25.3	74.0	V	-11.9
2953.200000	46.3	27.7	74.0	V	-10.1
3543.700000	48.3	25.7	74.0	V	-8.0

**Limit and Margin AV**

Frequency (MHz)	Average (dB $\mu$ V/m)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity	Corr. (dB)
1181.300000	44.3	9.7	54.0	V	-16.8
2362.500000	46.5	7.5	54.0	V	-11.9
2953.200000	42.9	11.1	54.0	V	-10.1
3543.700000	44.6	9.4	54.0	V	-8.0

**Limit and Margin PK**

Frequency (MHz)	MaxPeak (dB $\mu$ V/m)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity	Corr. (dB)
1181.300000	39.8	34.2	74.0	H	-16.8
2362.500000	44.3	29.7	74.0	H	-11.9
2953.200000	44.4	29.6	74.0	H	-10.1
3543.700000	46.2	27.8	74.0	H	-8.0

**Limit and Margin AV**

Frequency (MHz)	Average (dB $\mu$ V/m)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity	Corr. (dB)
1181.300000	36.1	17.9	54.0	H	-16.8
2362.500000	40.2	13.8	54.0	H	-11.9
2953.200000	39.3	14.7	54.0	H	-10.1
3543.700000	41.5	12.5	54.0	H	-8.0

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Table 5: Final measurements of Radiated Emission (EUT was set to highest channel)

**(30MHz to 1000MHz)**

**Limit and Margin**

Frequency (MHz)	QuasiPeak (dB $\mu$ V/m)	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity
41.050000	13.7	14.3	26.3	40.0	V
146.900000	9.1	12.1	34.4	43.5	V
240.750000	9.9	14.2	36.1	46.0	V
594.000000	33.5	23.9	12.5	46.0	V

**Limit and Margin**

Frequency (MHz)	QuasiPeak (dB $\mu$ V/m)	Corr. (dB)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity
35.350000	10.1	14.2	29.9	40.0	H
103.500000	5.5	9.6	38.0	43.5	H
318.800000	13.4	17.1	32.6	46.0	H
594.000000	33.0	23.9	13.0	46.0	H

**(1GHz to 5GHz)**

**Limit and Margin PK**

Frequency (MHz)	MaxPeak (dB $\mu$ V/m)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity	Corr. (dB)
1188.000000	43.4	30.6	74.0	V	-16.8
2970.000000	45.4	28.6	74.0	V	-10.2
3564.000000	52.4	21.6	74.0	V	-8.1
4751.900000	48.5	25.5	74.0	V	-6.9

**Limit and Margin AV**

Frequency (MHz)	Average (dB $\mu$ V/m)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity	Corr. (dB)
1188.000000	40.6	13.4	54.0	V	-16.8
2970.000000	41.6	12.4	54.0	V	-10.2
3564.000000	50.3	3.7	54.0	V	-8.1
4751.900000	44.8	9.2	54.0	V	-6.9

**Limit and Margin PK**

Frequency (MHz)	MaxPeak (dB $\mu$ V/m)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity	Corr. (dB)
1188.000000	41.1	32.9	74.0	H	-16.8
2970.000000	44.8	29.2	74.0	H	-10.2
3564.000000	48.7	25.3	74.0	H	-8.1
4751.900000	47.6	26.4	74.0	H	-6.9

**Limit and Margin AV**

Frequency (MHz)	Average (dB $\mu$ V/m)	Margin (dB)	Limit (dB $\mu$ V/m)	Polarity	Corr. (dB)
1188.000000	38.3	15.7	54.0	H	-16.8
2970.000000	40.6	13.4	54.0	H	-10.2
3564.000000	45.3	8.7	54.0	H	-8.1
4751.900000	43.5	10.5	54.0	H	-6.9



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Disturbances are far below the limit. Please refer to the Appendix 1 for the noise floor measured maximum at high and low receiving channels.

The final measurement for frequencies below 1000MHz is performed with Quasi Peak detector; the final measurement for frequencies above 1000MHz is performed with Average and Peak detector.

The limit on peak radio frequency emissions is 20 dB above the maximum permitted average emission limit applicable to the equipment under test.

The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120 kHz at frequency below 1GHz.

The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz at frequency above 1GHz.

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## 6 Photographs of the Test Set-Up

**Photograph 1: Set up for Conducted Emission on AC Mains**

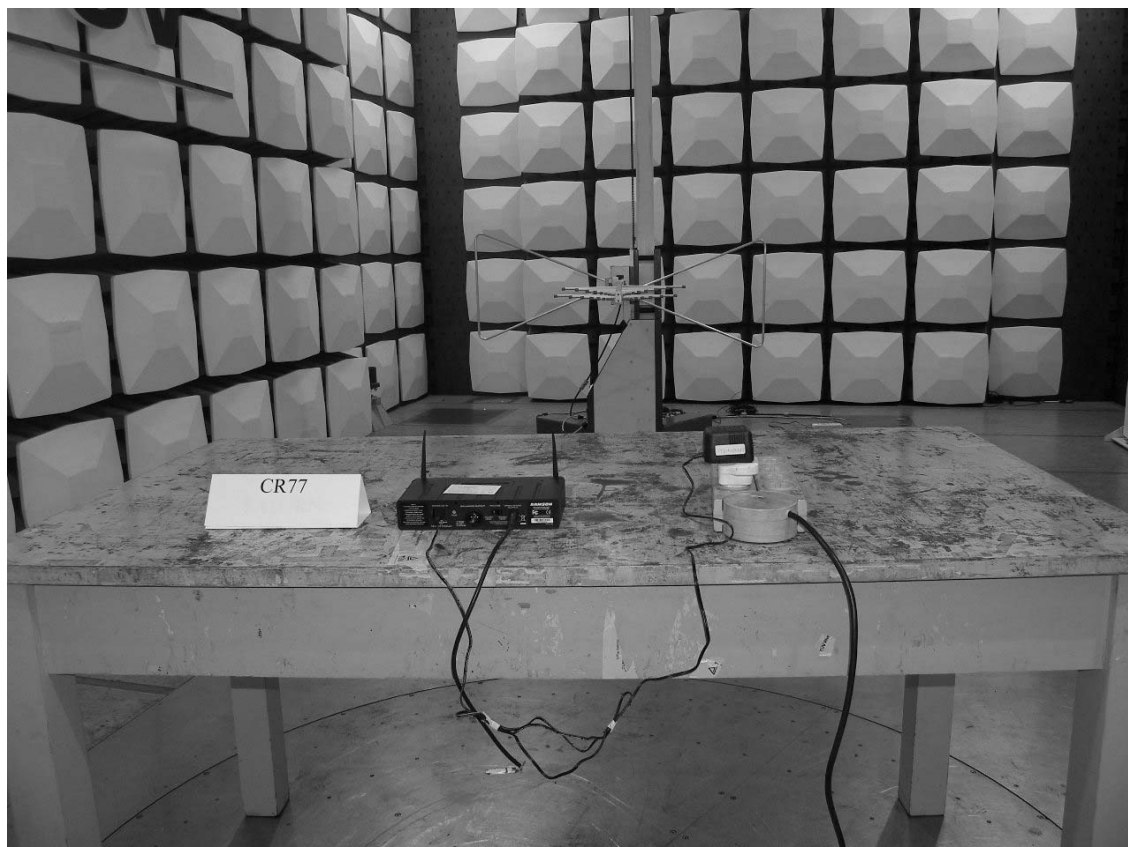


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**Photograph 2: Set-up for Radiation Measurement Below 1GHz**

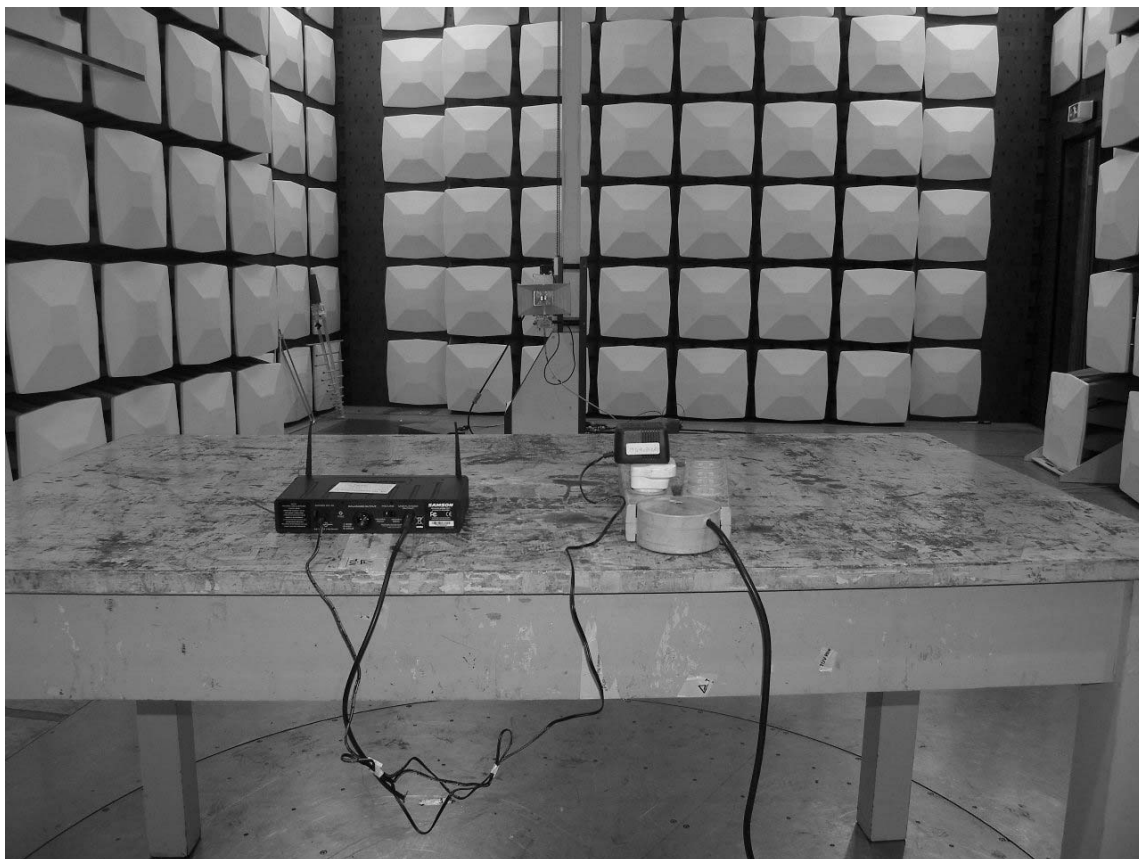


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**Photograph 3: Set-up for Radiation Measurement Above 1GHz**



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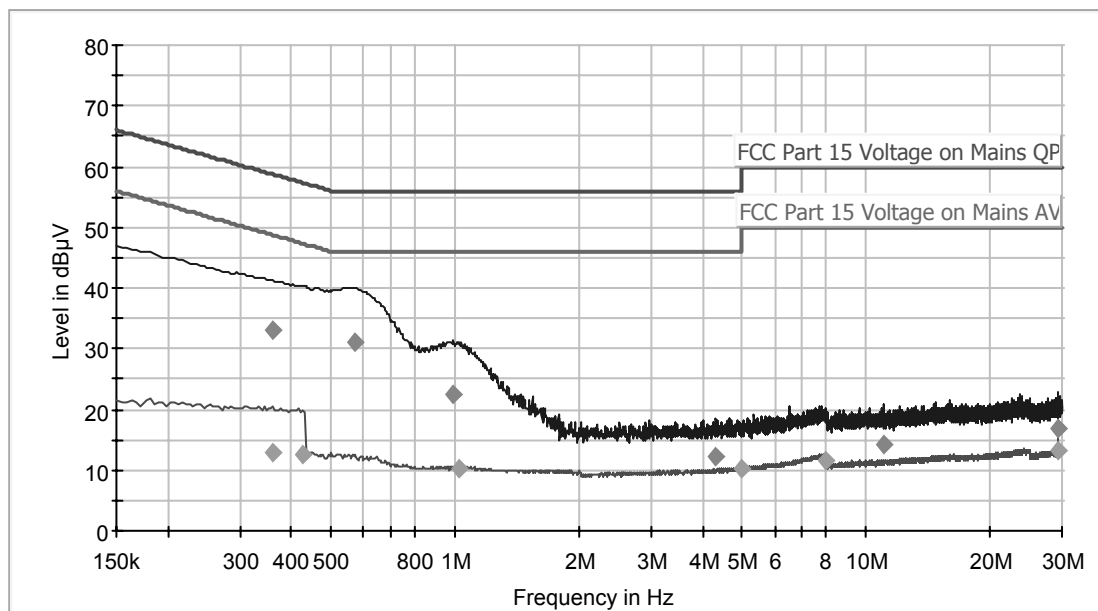
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**Test Information**

EUT Name: Wireless Receiver  
 Model/Type: CR77  
 Operating Conditions: Receiving  
 Comment: AC 120V 60Hz; L

Hardware Setup: 1phase LISN ESH3-Z5 to ESCS30  
 Level Unit: dB  $\mu$  V

Subrange	Detectors	IF Bandwidth	Step Size	Meas. Time	Receiver
150kHz - 30MHz	Peak; Average	9kHz	4.5kHz	10ms	ESCS 30



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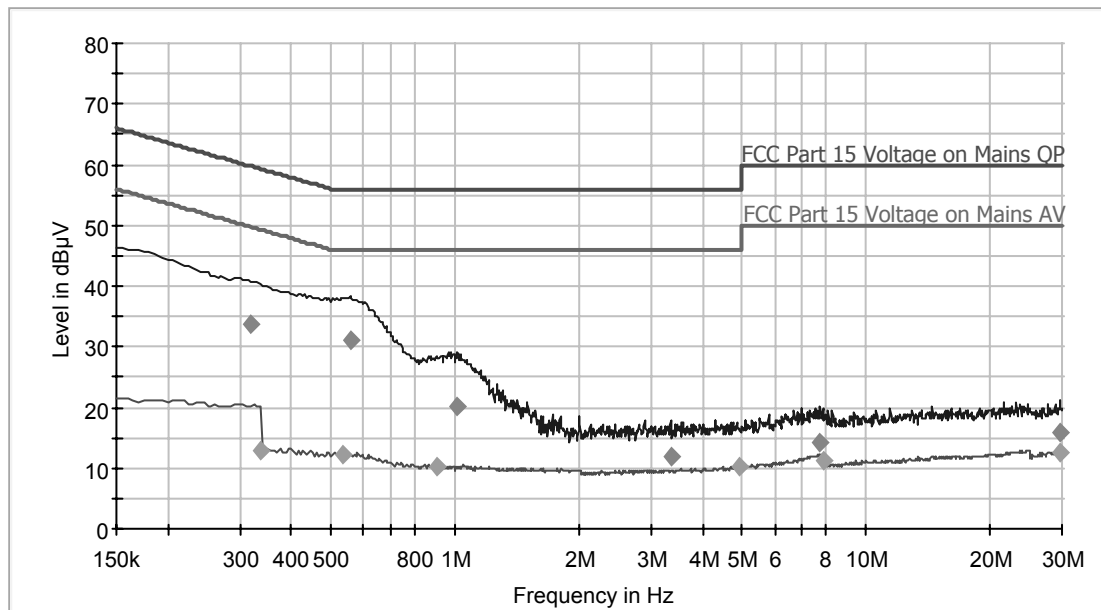
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### Test Information

EUT Name: Wireless Receiver  
Model/Type: CR77  
Operating Conditions: Receiving  
Comment: AC 120V 60Hz; N

Hardware Setup: 1phase LISN ESH3-Z5 to ESCS30  
Level Unit: dB  $\mu$  V

Subrange	Detectors	IF Bandwidth	Step Size	Meas. Time	Receiver
150kHz - 30MHz	Peak; Average	9kHz	4.5kHz	10ms	ESCS 30



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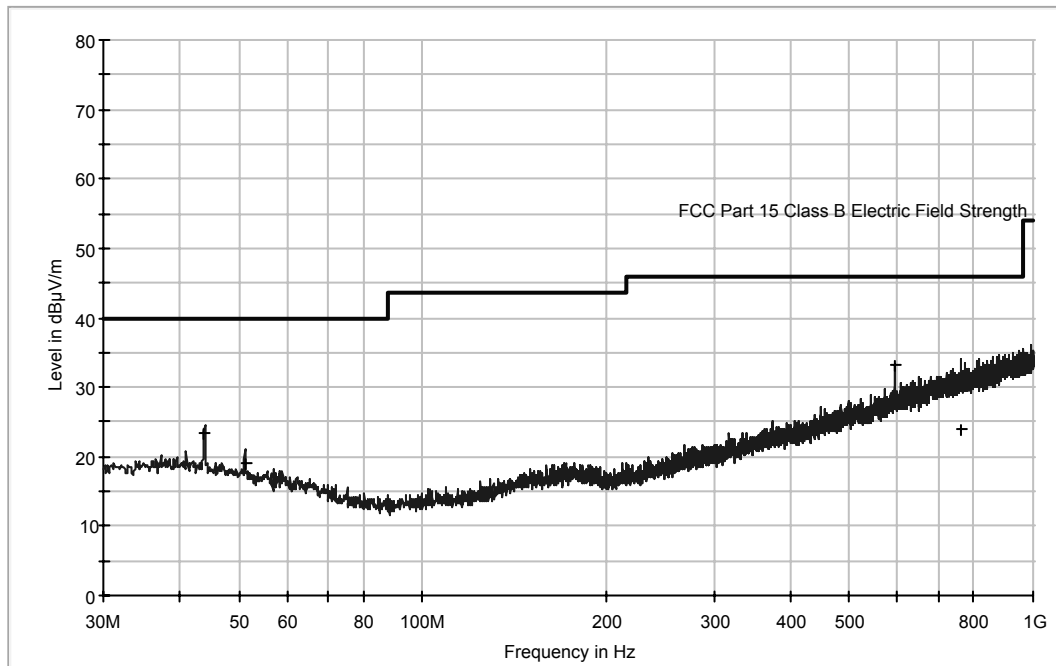
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### Test Information

Manufacturer Name: Sekaku  
EUT Name: Wireless Receiver  
Model Number: CR77  
Operating Conditions: RX at lowest channel  
Comment: AC 120V 60Hz  
Polarity: Vertical

#### Subrange 1

Frequency Range: 30MHz - 1GHz  
Receiver: TUV ESCI 3  
Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



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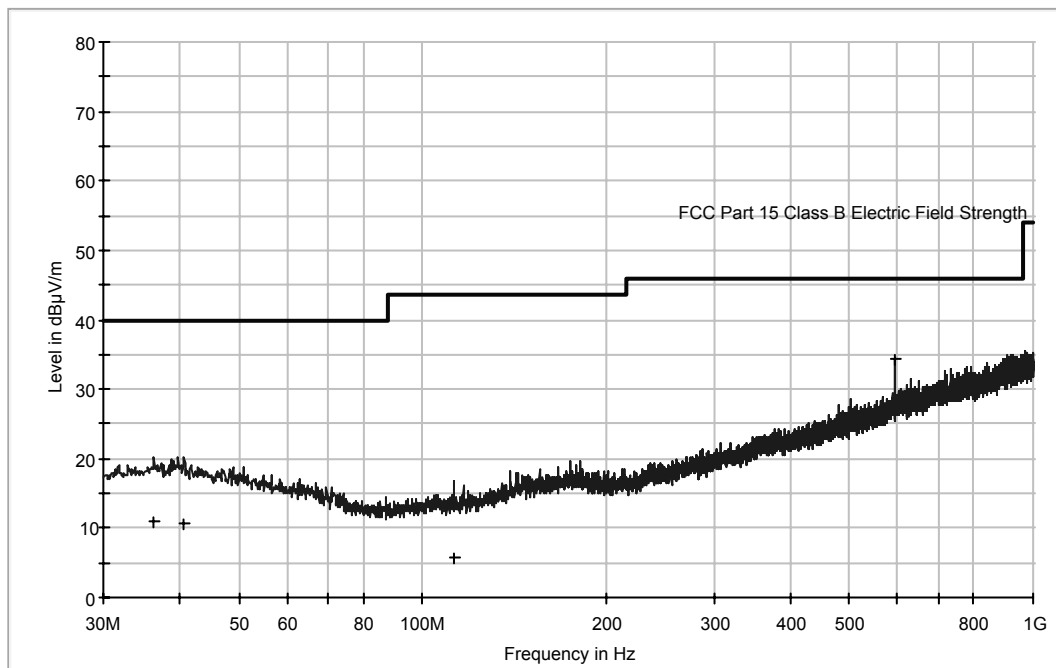
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### Test Information

Manufacturer Name: Sekaku  
EUT Name: Wireless Receiver  
Model Number: CR77  
Operating Conditions: RX at lowest channel  
Comment: AC 120V 60Hz  
Polarity: Horizontal

#### Subrange 1

Frequency Range: 30MHz - 1GHz  
Receiver: TUV ESCI 3  
Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



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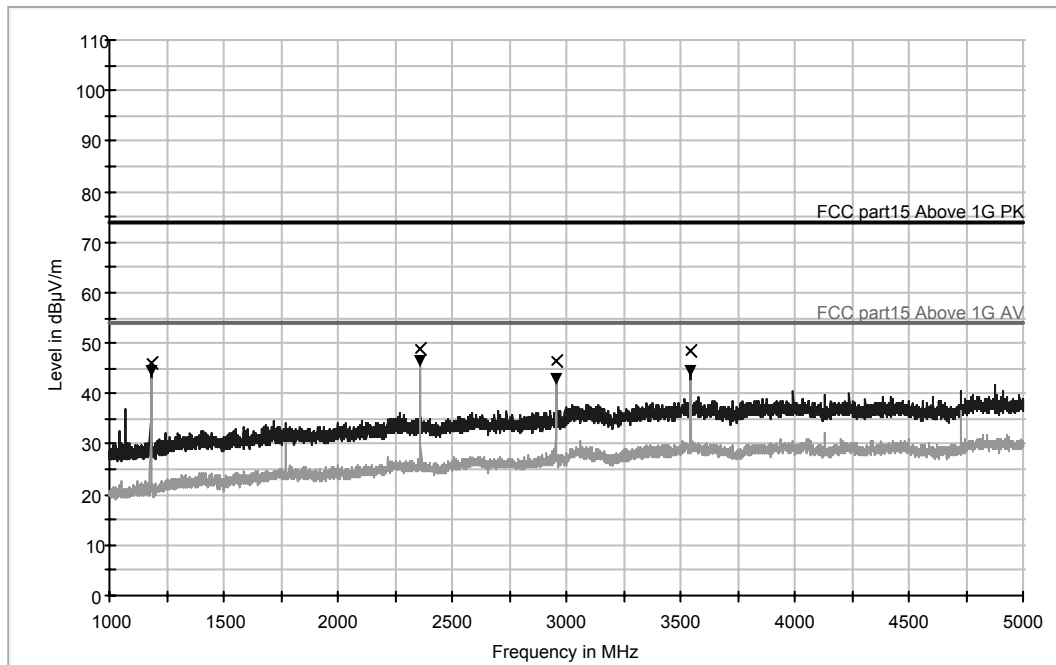
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### Test Information

Manufacturer Name: Sekaku  
EUT Name: Wireless Receiver  
Model Number: CR77  
Operating Conditions: RX at lowest channel  
Comment: AC 120V 60Hz  
Polarity: Vertical

#### Subrange 1

Frequency Range: 1GHz - 5GHz  
Receiver: TUV FSP 30  
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



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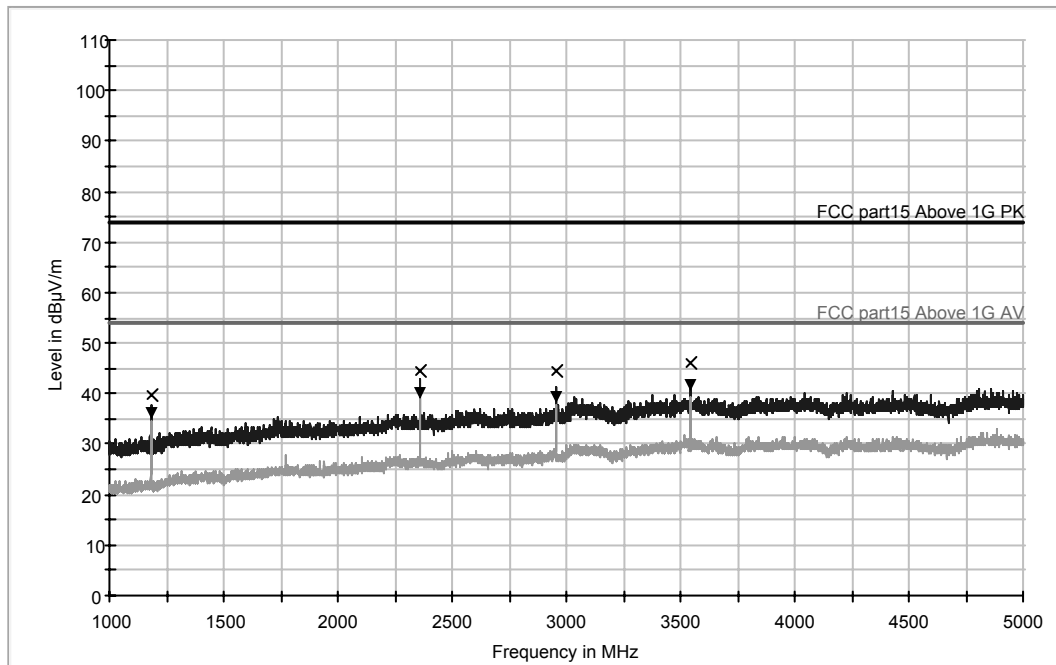
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### Test Information

Manufacturer Name: Sekaku  
EUT Name: Wireless Receiver  
Model Number: CR77  
Operating Conditions: RX at lowest channel  
Comment: AC 120V 60Hz  
Polarity: Horizontal

#### Subrange 1

Frequency Range: 1GHz - 5GHz  
Receiver: TUV FSP 30  
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



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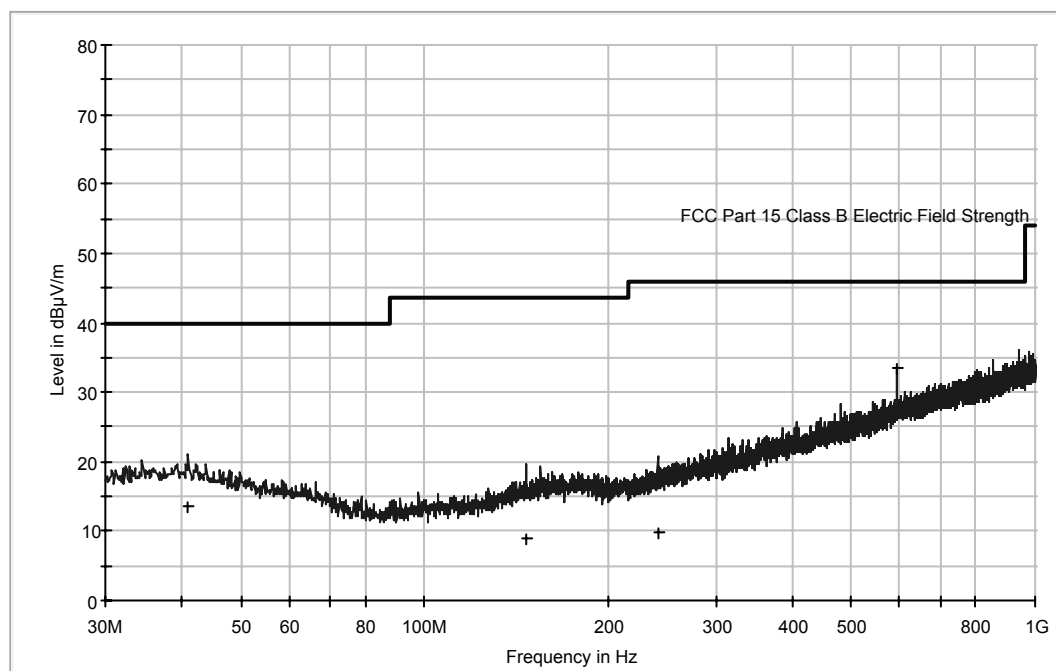
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### Test Information

Manufacturer Name: Sekaku  
EUT Name: Wireless Receiver  
Model Number: CR77  
Operating Conditions: RX at highest channel  
Comment: AC 120V 60Hz  
Polarity: Vertical

#### Subrange 1

Frequency Range: 30MHz - 1GHz  
Receiver: TUV ESCI 3  
Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



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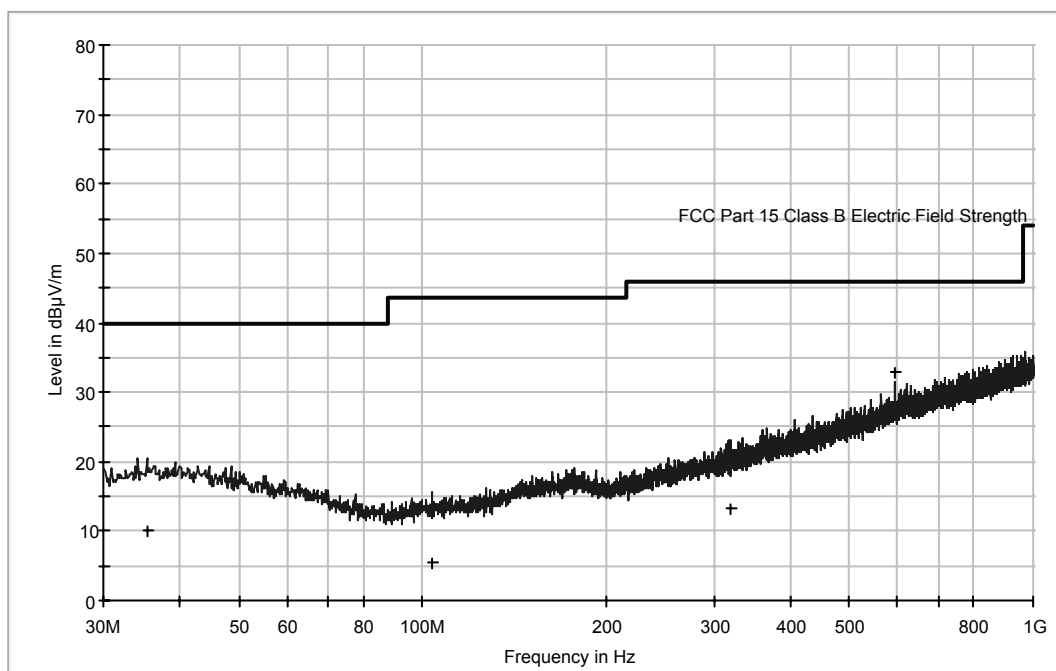
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### Test Information

Manufacturer Name: Sekaku  
EUT Name: Wireless Receiver  
Model Number: CR77  
Operating Conditions: RX at highest channel  
Comment: AC 120V 60Hz  
Polarity: Horizontal

#### Subrange 1

Frequency Range: 30MHz - 1GHz  
Receiver: TUV ESCI 3  
Transducer: TUV SAC UVLB 9168 / TUV ESCI3 -TUV SAC UVLB 9168



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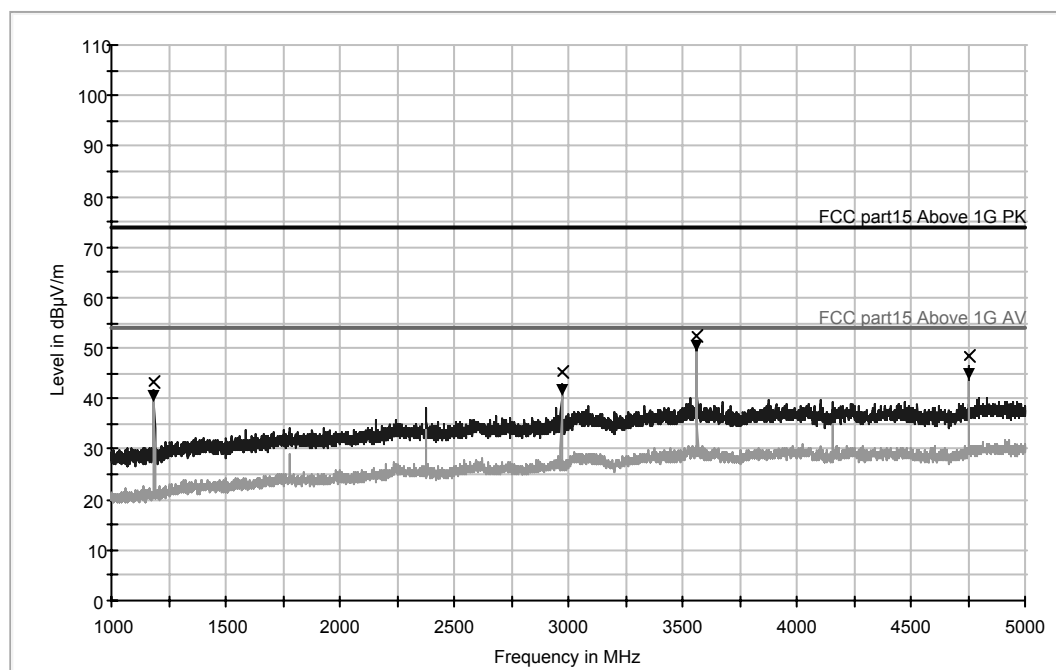
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### Test Information

Manufacturer Name: Sekaku  
EUT Name: Wireless Receiver  
Model Number: CR77  
Operating Conditions: RX at highest channel  
Comment: AC 120V 60Hz  
Polarity: Vertical

#### Subrange 1

Frequency Range: 1GHz - 5GHz  
Receiver: TUV FSP 30  
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



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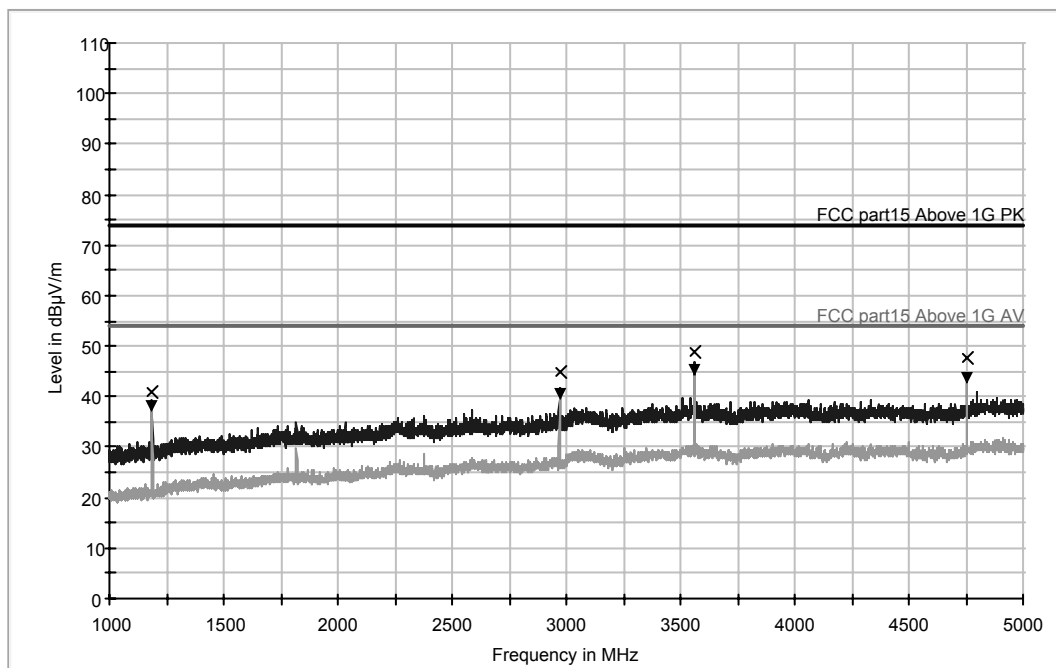
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### Test Information

Manufacturer Name: Sekaku  
EUT Name: Wireless Receiver  
Model Number: CR77  
Operating Conditions: RX at highest channel  
Comment: AC 120V 60Hz  
Polarity: Horizontal

#### Subrange 1

Frequency Range: 1GHz - 5GHz  
Receiver: TUV FSP 30  
Transducer: TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



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