

South East Asia Resources Ltd.

Remote Control (AC) -Transmitter

Model Number: 00-062601-00

Prepared for : South East Asia Resources Ltd.  
1902-03, Kwong Sang Center, 151-153 Hoi Bun Road,  
Kwun Tong, Hong Kong.

Prepared By : Audix Technology (Shenzhen) Co., Ltd.  
No. 6, Ke Feng Rd., 52 Block,  
Shenzhen Science & Industrial Park,  
Nantou, Shenzhen, Guangdong, China

Tel: (0755) 26639496

Report Number : ACS-F06310  
Date of Test : Jun.18, 2006  
Date of Report : Jun.30,2006

## TABLE OF CONTENTS

| Description                                                        | Page       |
|--------------------------------------------------------------------|------------|
| Test Report Declaration                                            |            |
| <b>1. GENERAL INFORMATION .....</b>                                | <b>1-1</b> |
| 1.1. Description of Device (EUT) .....                             | 1-1        |
| 1.2. Test Facility .....                                           | 1-2        |
| 1.3. Measurement Uncertainty .....                                 | 1-2        |
| <b>2. POWER LINE CONDUCTED EMISSION TEST.....</b>                  | <b>2-1</b> |
| <b>3. RADIATED EMISSION TEST.....</b>                              | <b>3-1</b> |
| 3.1. Test Equipment.....                                           | 3-1        |
| 3.2. Block Diagram of Test Setup .....                             | 3-1        |
| 3.3. Radiated Emission Limit 30~1000MHz Standard: FCC 15.231 ..... | 3-2        |
| 3.4. EUT Configuration on Test .....                               | 3-3        |
| 3.5. Operating Condition of EUT .....                              | 3-3        |
| 3.6. Test Procedure .....                                          | 3-3        |
| 3.7. Radiated Emission Test Results .....                          | 3-4        |
| <b>4. BAND EDGES MEASUREMENT.....</b>                              | <b>4-1</b> |
| 4.1. Test Equipment.....                                           | 4-1        |
| 4.2. Block Diagram of Test Setup .....                             | 4-1        |
| 4.3. Test Standard .....                                           | 4-1        |
| 4.4. Bandwidth Limit.....                                          | 4-1        |
| 4.5. Test Procedure .....                                          | 4-1        |
| <b>5. 99% BAND WITH.....</b>                                       | <b>5-3</b> |
| 5.1. Test Equipment.....                                           | 5-3        |
| 5.2. Test Standard .....                                           | 5-3        |
| 5.3. Test Procedure .....                                          | 5-3        |
| <b>6. 20DB BAND WITH .....</b>                                     | <b>6-5</b> |
| 6.1. Test Equipment.....                                           | 6-5        |
| 6.2. Test Standard .....                                           | 6-5        |
| 6.3. Test Procedure .....                                          | 6-5        |
| <b>7. DEVIATION TO TEST SPECIFICATIONS .....</b>                   | <b>7-1</b> |
| <b>8. PHOTOGRAPH .....</b>                                         | <b>8-1</b> |
| 8.1. Photos of Radiated Emission Test (In Anechoic Chamber) .....  | 8-1        |
| 8.2. Photos of Radiated Emission Test (In Anechoic Chamber) .....  | 8-3        |

APPENDIX I

(5 pages)

## TEST REPORT DECLARATION

Applicant : South East Asia Resources Ltd.  
 Manufacturer : Acumen Manufacturing Limited  
 EUT Description : Remote Control (AC) -Transmitter  
 (A) MODEL NO. : 00-062601-00  
 (B) SERIAL NO. : N/A  
 (C) POWER SUPPLY : DC 4.5V

Test Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Feb.2006

The device described above is tested by Audix Technology (Shenzhen) 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 limits for radiated and conducted emissions. The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed full responsibility for the accuracy and completeness of tests. Also, this report shows that EUT is technically compliant with FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Audix Technology (Shenzhen) Co., Ltd.  
 This report must not be used by the applicant to claim product endorsement by NVLAP or any agency of the U.S. Government.

Date of Test : Jun.18, 2006

Prepared by : Daisy Ye  
 Daisy Ye / Assistant

Reviewer : Sean Xing  
 Sean Xing / Assistant Manager



Approved & Authorized Signer : Ken Lu  
 Ken Lu / Deputy Manager

Name of the Representative of the Responsible Party : \_\_\_\_\_

Signature : \_\_\_\_\_

## 1. GENERAL INFORMATION

### 1.1. Description of Device (EUT)

Description : Remote Control (AC) -Transmitter

Model Number : 00-062601-00

Applicant : South East Asia Resources Ltd.  
1902-03, Kwong Sang Center, 151-153 Hoi Bun Road, Kwun  
Tong, Hong Kong.

Manufacturer : Acumen Manufacturing Limited  
Queshan, Industrial Zone, Longhua, Baoan, Shenzhen, China.

Date of Test : Jun.18,2006

## 1.2.Test Facility

### Site Description

|                           |   |                                                                                                            |
|---------------------------|---|------------------------------------------------------------------------------------------------------------|
| 3m Anechoic Chamber       | : | Certificated by FCC, USA<br>Registration Number: 90454<br>Aug. 15, 2003                                    |
| 3m & 10m Anechoic Chamber | : | Certificated by FCC, USA<br>Registration Number: 794232<br>Mar. 15, 2004                                   |
| EMC Lab.                  | : | Certificated by DATech, German<br>Registration Number: DAT-P-091/99-01<br>Feb. 02, 2004                    |
|                           |   | Certificated by NVLAP, USA<br>NVLAP Code: 200372-0<br>Apr. 01, 2006                                        |
|                           |   | Certificated by Nemko, Norway<br>Aut. No.: ELA135<br>April. 22, 2004                                       |
|                           |   | Certificated by Industry Canada<br>Registration Number: IC 5183<br>Jul. 28, 2004                           |
| Name of Firm              | : | Audix Technology (Shenzhen) Co., Ltd.                                                                      |
| Site Location             | : | No. 6, Ke Feng Rd., 52 Block,<br>Shenzhen Science & Industrial Park,<br>Nantou, Shenzhen, Guangdong, China |

## 1.3.Measurement Uncertainty

| No. | Item                                    | Uncertainty | Remark      |
|-----|-----------------------------------------|-------------|-------------|
| 1.  | Uncertainty for Conducted Emission Test | 1.22dB      |             |
| 2.  | Uncertainty for Radiated Emission Test  | 3.14dB      | 3m Chamber  |
| 3.  | Uncertainty for Radiated Emission Test  | 3.18dB      | 10m Chamber |
| 4.  | Uncertainty for Power Clamp Test        | 1.38dB      |             |

## **2. POWER LINE CONDUCTED EMISSION TEST**

According to Paragraph (f) of FCC Part 15 section 15.231, Tests to demonstrate compliance with the conducted limits are not required for devices which only employ battery power for operation and which do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines.

### 3. RADIATED EMISSION TEST

#### 3.1. Test Equipment

The following test equipments are used during the radiated emission Test :

##### 3.1.1. For Anechoic Chamber

| Item | Equipment      | Manufacturer    | Model No. | Serial No.       | Last Cal.   | Cal. Interval |
|------|----------------|-----------------|-----------|------------------|-------------|---------------|
| 1.   | EMC Analyzer   | Aglient         | E7405A    | MY42000131       | May 15, 06  | 1 Year        |
| 2.   | Test Receiver  | Rohde & Schwarz | ESVS10    | 834468/011       | May 15, 06  | 1 Year        |
| 3.   | Amplifier      | Agilent         | 8447D     | 2944A10684       | Jan. 19, 06 | 1/2 Year      |
| 4.   | Bilog Antenna  | Schaffner       | CBL6111C  | 2768             | Apr.18, 06  | 1 Year        |
| 5.   | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.1 | Feb.07, 06  | 1/2 Year      |
| 6.   | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.2 | Feb.07, 06  | 1/2 Year      |
| 7.   | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.3 | Feb.07, 06  | 1/2 Year      |
| 8.   | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.4 | Feb.07, 06  | 1/2 Year      |
| 9.   | Coaxial Switch | Anritsu         | MP59B     | M74389           | Feb.07, 06  | 1/2 Year      |

| Item | Equipment      | Manufacturer | Model No. | Serial No. | Last Cal.   | Cal. Interval |
|------|----------------|--------------|-----------|------------|-------------|---------------|
| 1.   | Coaxial Switch | Anritsu      | MP59B     | M73989     | Jan. 28, 06 | 1/2 Year      |
| 2.   | Spectrum       | Agilent      | E4407B    | MY41440292 | May 15, 06  | 1 Year        |
| 3.   | Amp            | HP           | 8449B     | 3008A00863 | May 15, 06  | 1 Year        |
| 4.   | Antenna        | EMCO         | 3115      | 9607-4877  | Jun. 05, 05 | 1.5 Year      |

#### 3.2. Block Diagram of Test Setup

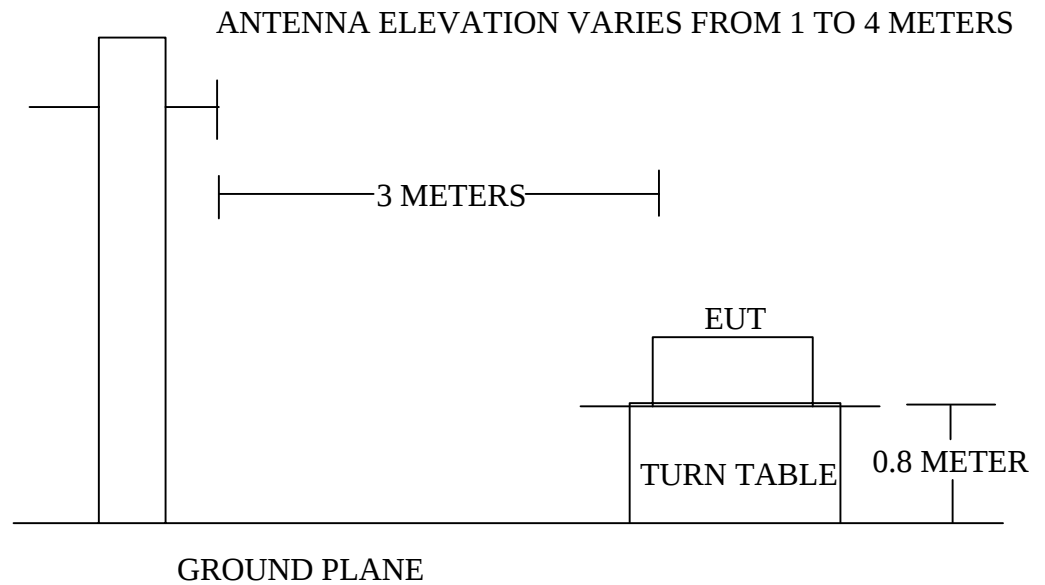
##### 3.2.1. Block Diagram of connection between EUT and simulators



**(EUT: Remote Control (AC) -Transmitter)**

## 3.2.2. Anechoic Chamber Setup Diagram

## ANTENNA TOWER



## 3.3. Radiated Emission Limit 30~1000MHz Standard: FCC 15.231

| FREQUENCY<br>MHz  | DISTANCE<br>Meters | FIELD STRENGTHS LIMIT                                                                                       |                                   |
|-------------------|--------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------|
|                   |                    | $\mu\text{V}/\text{m}$                                                                                      | $\text{dB}(\mu\text{V})/\text{m}$ |
| 30 ~ 88           | 3                  | 100                                                                                                         | 40.0                              |
| 88 ~ 216          | 3                  | 150                                                                                                         | 43.5                              |
| 216 ~ 960         | 3                  | 200                                                                                                         | 46.0                              |
| 960 ~ 1000        | 3                  | 500                                                                                                         | 54.0                              |
| Local Oscillator: | 3                  | 77.5 $\text{dB}(\mu\text{V})/\text{m}$                                                                      |                                   |
| Above 1000        | 3                  | Other:<br>74.0 $\text{dB}(\mu\text{V})/\text{m}$ (Peak)<br>54.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average) |                                   |

- Remark :
- (1) Emission level  $\text{dB}\mu\text{V} = 20 \log$  Emission level  $\mu\text{V}/\text{m}$
  - (2) The smaller limit shall apply at the cross point between two frequency bands.
  - (3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

### 3.4.EUT Configuration on Test

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

#### 3.4.1. Remote Control (AC) -Transmitter (EUT)

|               |   |                              |
|---------------|---|------------------------------|
| Model Number  | : | 00-062601-00                 |
| Serial Number | : | N/A                          |
| Manufacturer  | : | Acumen Manufacturing Limited |

### 3.5.Operating Condition of EUT

3.5.1. Setup the EUT as shown in Section 3.2..

3.5.2. Let the EUT work in test modes (TX) and test it.

### 3.6.Test Procedure

The EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 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 polarization of the antenna is set on Test. 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 Test.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the VBW is set at 300kHz and RBW is set at 120kHz for measurement below 1GHz.

The frequency range from 30MHz to 1000MHz and above 1000MHz are checked.

The test modes (TX) is tested in Anechoic Chamber and all the scanning waveforms are attached in Appendix II.

### 3.7.Radiated Emission Test Results

**PASS.**

The frequency range from 30MHz to 1000MHz and above 1000MHz is investigated.  
Please see the following pages.

|                |                                     |               |         |
|----------------|-------------------------------------|---------------|---------|
| Date of Test : | Jun. 18,2006                        | Temperature : | 23      |
| EUT :          | Remote Control (AC)<br>-Transmitter | Humidity :    | 56%     |
| Model No. :    | 00-062601-00                        | Test Mode :   | TX Mode |
| Test Engineer: | Allan                               |               |         |

| Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB | Meter Reading<br>Horizontal<br>dB $\mu$ V | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Over<br>Limits<br>dB | Limits<br>dB $\mu$ V/m |
|------------------|---------------------------|---------------------|-------------------------------------------|----------------------------------------------|----------------------|------------------------|
| 30.00            | 19.90                     | 0.96                | 5.06                                      | 25.92                                        | -14.08               | 40.00                  |
| 210.42           | 10.20                     | 2.37                | 6.83                                      | 19.40                                        | -24.10               | 43.50                  |
| <b>350.43</b>    | <b>15.10</b>              | <b>3.09</b>         | <b>55.00</b>                              | <b>73.19</b>                                 | <b>-4.31</b>         | <b>77.50</b>           |
| 583.87           | 19.60                     | 4.23                | 6.47                                      | 30.30                                        | -15.70               | 46.00                  |
| 700.86           | 20.52                     | 4.71                | 8.78                                      | 34.01                                        | -11.99               | 46.00                  |
| 801.15           | 21.90                     | 5.10                | 6.25                                      | 33.25                                        | -12.75               | 46.00                  |

Remark: 1. All readings are Quasi-Peak values.

2. Emission Level = Antenna Factor + Cable Loss + Meter Reading

3. The worst emission was detected at 350.43MHz with corrected signal level of 73.19dB $\mu$ V/m (Limit is 77.50dB $\mu$ V/m).

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Reviewer:

*Jack/zhong*

| Frequency     | Antenna      | Cable       | Meter Reading | Emission Level | Over         | Limits       |
|---------------|--------------|-------------|---------------|----------------|--------------|--------------|
|               | Factor       | Loss        | Vertical      | Vertical       | Limits       |              |
| MHz           | dB/m         | dB          | dBμV          | dBμV/m         | dB           | dBμV/m       |
| 31.94         | 16.98        | 0.77        | 4.67          | 22.42          | -17.58       | 40.00        |
| 131.85        | 12.58        | 1.77        | 4.90          | 19.25          | -24.25       | 43.50        |
| 350.43        | 14.80        | 3.09        | 39.00         | 56.89          | -20.61       | 77.50        |
| 700.86        | 20.54        | 4.71        | 9.71          | 34.95          | -11.05       | 46.00        |
| <b>946.65</b> | <b>24.64</b> | <b>5.63</b> | <b>6.23</b>   | <b>36.51</b>   | <b>-9.49</b> | <b>46.00</b> |
| 979.63        | 24.30        | 5.51        | 7.31          | 37.13          | -16.87       | 54.00        |

4. 0 ° was the table front facing the antenna. Degree is calculated from 0 ° clockwise facing the antenna.

Jack Zhong



|                |                                     |               |         |
|----------------|-------------------------------------|---------------|---------|
| Date of Test : | Jun. 18,2006                        | Temperature : | 23      |
| EUT :          | Remote Control (AC)<br>-Transmitter | Humidity :    | 56%     |
| Model No. :    | 00-062601-00                        | Test Mode :   | TX Mode |
| Test Engineer: | Allan                               |               |         |

| Frequency | Probe  | Cable | Meter Reading | Emission | Over   | Limits | Remark |
|-----------|--------|-------|---------------|----------|--------|--------|--------|
| MHz       | Factor | Loss  | Vertical      | Level    | Limits |        |        |
|           | dB/m   | dB    | dBµV          | Vertical | dBµV/m | dBµV/m |        |
|           |        |       |               | dBµV/m   |        |        |        |
| 1051.29   | 24.50  | 3.53  | 35.28         | 63.31    | -10.69 | 74.00  | Peak   |
| 1401.72   | 25.20  | 4.38  | 32.50         | 62.09    | -11.91 | 74.00  | Peak   |
| 1752.15   | 26.72  | 5.14  | 22.44         | 54.29    | -19.71 | 74.00  | Peak   |
| 2796.00   | 30.29  | 6.86  | 12.30         | 49.46    | -24.54 | 74.00  | Peak   |
| 3148.00   | 31.38  | 7.46  | 10.20         | 49.04    | -24.96 | 74.00  | Peak   |
| 3496.00   | 32.37  | 8.10  | 9.45          | 49.92    | -24.08 | 74.00  | Peak   |

- Remark: 1. All readings are Average and Peak values.  
2. Emission Level = Antenna Factor + Meter Reading + Cable Loss  
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

| Frequency | Probe  | Cable | Meter Reading | Emission | Over   | Limits | Remark  |
|-----------|--------|-------|---------------|----------|--------|--------|---------|
| MHz       | Factor | Loss  | Vertical      | Level    | Limits |        |         |
|           | dB/m   | dB    | DBμV          | Vertical | dBμV/m | dBμV/m |         |
|           |        |       |               | dBμV/m   |        |        |         |
| 1051.29   | 24.50  | 3.53  | 18.27         | 46.30    | -7.70  | 54.00  | Average |
| 1401.72   | 25.20  | 4.38  | 15.62         | 45.20    | -8.80  | 54.00  | Average |
| 1752.15   | 26.72  | 5.14  | 10.40         | 42.25    | -11.75 | 54.00  | Average |
| 2796.00   | 30.29  | 6.86  | 0.20          | 37.36    | -16.64 | 54.00  | Average |
| 3148.00   | 31.38  | 7.46  | 0.14          | 38.98    | -15.02 | 54.00  | Average |
| 3496.00   | 32.37  | 8.10  | 0.22          | 40.69    | -13.31 | 54.00  | Average |

- Remark: 1. All readings are Average and Peak values.  
2. Emission Level = Antenna Factor + Meter Reading + Cable Loss  
3. The bandwidth of the VBW is set at 1MHz and RBW is set at 1MHz for measurement above 1GHz.

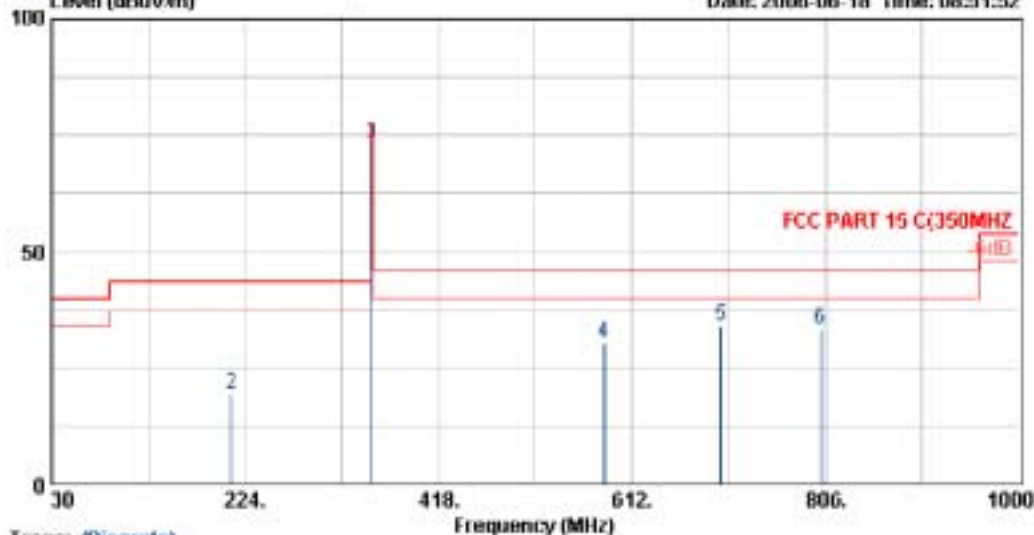
**Reviewer:**

Jack Zhong



No.6,Ke Feng Road, Block #2,  
Shenzhen Science&Industry Park  
Nansu Shenzhen, Guangdong, China  
Tel:+86-755-26639495  
Fax:+86-755-26632877  
Portcode:518857

Data: 2 File: E:\2006 Report Data\South East Asia Resources Ltd\ACS60H073.EMI (36)  
Level (dBuV/m) Date: 2008-08-18 Time: 08:51:52



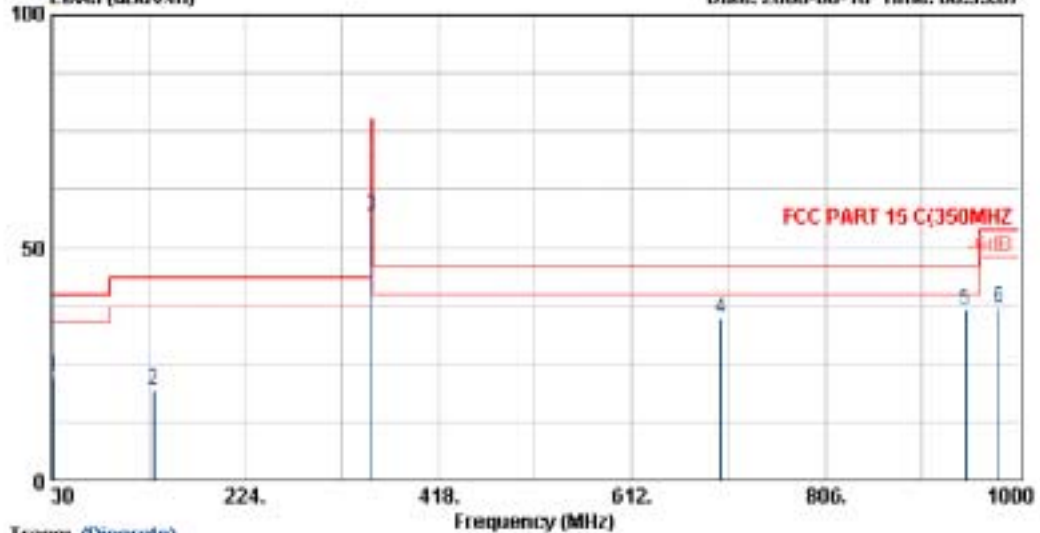
Trace: (Discrete)  
Site : 10m Chamber Test Site  
Condition : FCC PART 15 C(350MHZ 3m 2768FACTOR3M HORIZONTAL  
EUT : Remote Control (RC)-Transmitter  
E/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer: Allan  
Comment : Temp: 23° Humi: 56%  
Memo : ANT POS: 2.3m T-TABLE POS: 25'

|      | Limit  | Read   | Over  | Cable | Antenna |               |
|------|--------|--------|-------|-------|---------|---------------|
| Freq | Line   | Level  | Level | Loss  | Factor  | Remark        |
| MHz  | dBuV/m | dBuV/m | dBuV  | dB    | dB/m    |               |
| 1 @  | 30.00  | 40.00  | 25.92 | 5.06  | -14.08  | 0.96 19.98 QP |
| 2 @  | 210.42 | 43.50  | 19.40 | 4.83  | -24.10  | 2.37 10.70 QP |
| 3 @  | 350.43 | 77.50  | 73.19 | 55.00 | -4.31   | 3.09 15.10 QP |
| 4 @  | 583.87 | 46.00  | 30.30 | 4.47  | -15.70  | 4.23 19.60 QP |
| 5 @  | 700.86 | 46.00  | 34.01 | 8.78  | -11.99  | 4.71 20.52 QP |
| 6 @  | 801.15 | 46.00  | 33.25 | 4.25  | -12.75  | 5.10 21.90 QP |



No.6,Ke Feng Road, Block E2,  
Shenzhen Science Industry Park  
Nantou Shenzhen, Guangdong, China  
Tel: +86-755-26639495  
Fax: +86-755-26632877  
Portcode: 518057

Data: 4 File: E:\2006 Report Data\South East Asia Resources Ltd\ACS6QH073.EMI (36)  
Level (dBuV/m) Date: 2006-06-18 Time: 08:55:07



Trace: (Discrete)

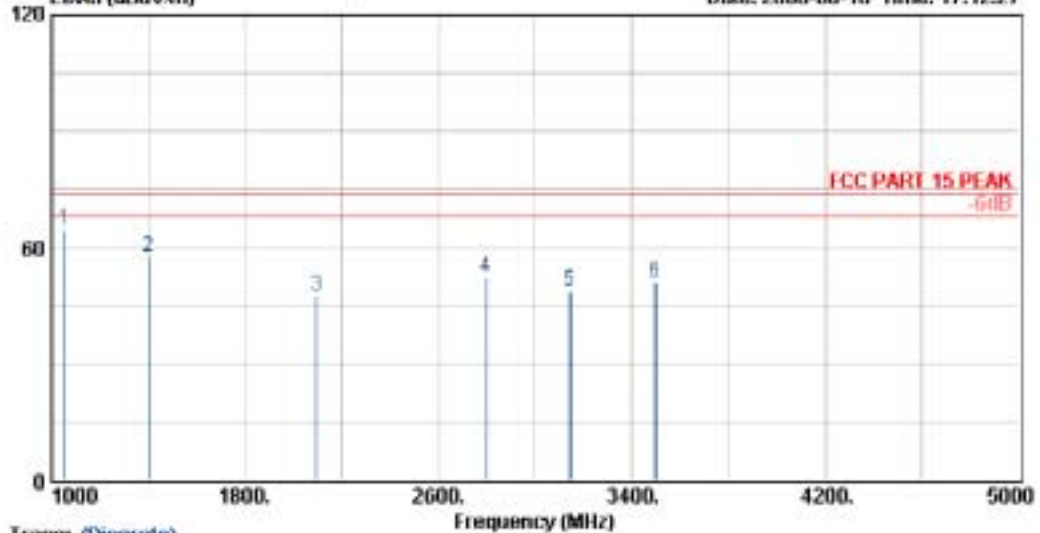
Site : 10m Chamber Test Site  
Condition : FCC PART 15 C(350MHz 3m 2760FACTOR3M VERTICAL  
EUT : Remote Control (RC)-Transmitter  
M/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer : Allan  
Comment : Temp: 23° Humid: 56%  
Seno : ANT POS: 1.0m T-TABLE POS: 210°

|     |        | Limit  |        | Read  | Over   | Cable | Antenna |        |
|-----|--------|--------|--------|-------|--------|-------|---------|--------|
|     | Freq   | Line   | Level  | Level | Limit  | Loss  | Factor  | Remark |
|     | MHz    | dBuV/m | dBuV/m | dBuV  | dB     | dB    | dB/m    |        |
| 1 @ | 31.94  | 40.00  | 22.42  | 4.47  | -17.58 | 0.77  | 16.98   | QP     |
| 2 @ | 131.85 | 43.50  | 19.25  | 4.90  | -24.25 | 1.77  | 12.58   | QP     |
| 3 @ | 350.43 | 77.50  | 56.89  | 39.00 | -20.61 | 3.09  | 14.00   | QP     |
| 4 @ | 700.86 | 46.00  | 34.95  | 9.71  | -11.05 | 4.71  | 20.54   | QP     |
| 5 @ | 946.65 | 46.00  | 36.51  | 6.23  | -9.49  | 5.63  | 24.64   | QP     |
| 6 @ | 979.63 | 54.00  | 37.13  | 7.31  | -16.87 | 5.51  | 24.30   | QP     |



No.6, Ke Feng Road, Block E2,  
Shenzhen Science Industry Park  
Nantou Shenzhen, Guangdong, China  
Tel: +86-755-26639495  
Fax: +86-755-26632877  
Portcode: 518057

Data: 13 File: E:\2006 Report Data\South East Asia Resources Ltd\ACS6QH073.EMI (36)  
Level (dBuV/m) Date: 2006-06-18 Time: 17:12:27



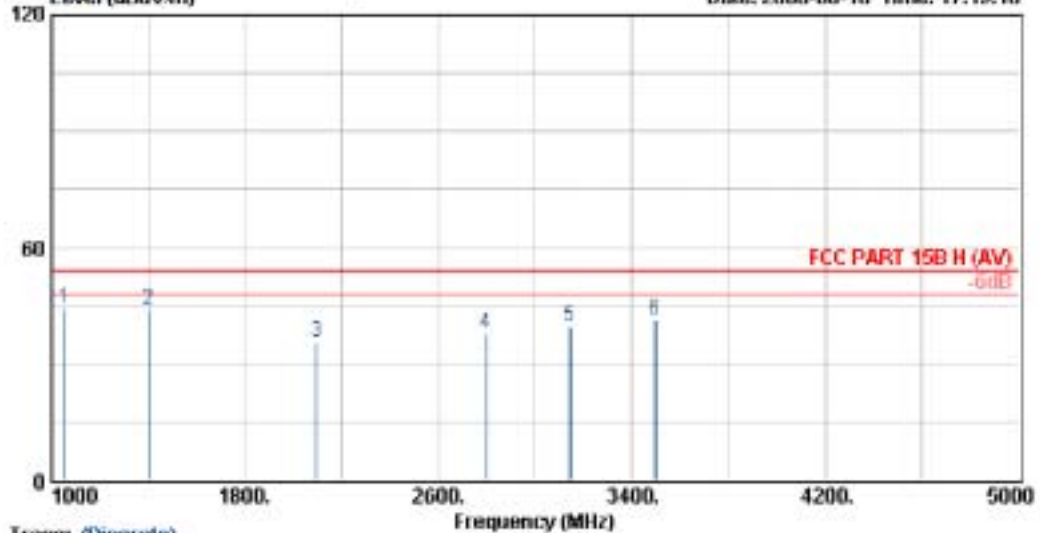
Site : 10a Chamber Test Site  
Condition : FCC PART 15 PEAK 3m 3115 FACTOR HORIZONTAL  
EUT : Remote Control (RC)-Transmitter  
M/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer : Allan  
Comment : Temp: 23° Humid: 56%  
Memo :

|     |         | Limit  |        | Read  | Over   | Cable/Antenna |        |        |
|-----|---------|--------|--------|-------|--------|---------------|--------|--------|
|     | Freq    | Line   | Level  | Level | Limit  | Loss          | Factor | Remark |
|     | MHz     | dBuV/m | dBuV/m | dBuV  | dB     | dB            | dB/m   |        |
| 1 @ | 1051.29 | 74.00  | 64.73  | 34.70 | -9.27  | 3.53          | 24.50  | Peak   |
| 2 @ | 1401.72 | 74.00  | 57.74  | 28.16 | -16.26 | 4.33          | 25.20  | Peak   |
| 3 @ | 2096.00 | 74.00  | 47.69  | 13.48 | -26.31 | 5.75          | 28.26  | Peak   |
| 4 @ | 2796.00 | 74.00  | 52.18  | 15.03 | -21.02 | 6.86          | 30.29  | Peak   |
| 5 @ | 3144.00 | 74.00  | 48.74  | 9.90  | -25.26 | 7.46          | 31.30  | Peak   |
| 6 @ | 3496.00 | 74.00  | 51.17  | 10.70 | -22.03 | 8.10          | 32.37  | Peak   |



No.6,Ke Feng Road, Block #2,  
Shenzhen Science Industry Park  
Nantou Shenzhen, Guangdong, China  
Tel: +86-755-26639495  
Fax: +86-755-26632877  
Portcode: 518057

Data: 14 File: E:\2006 Report Data\South East Asia Resources Ltd\ACS6QH073.EMI (36)  
Level (dBuV/m) Date: 2006-06-18 Time: 17:19:10



Trace: (Discrete)

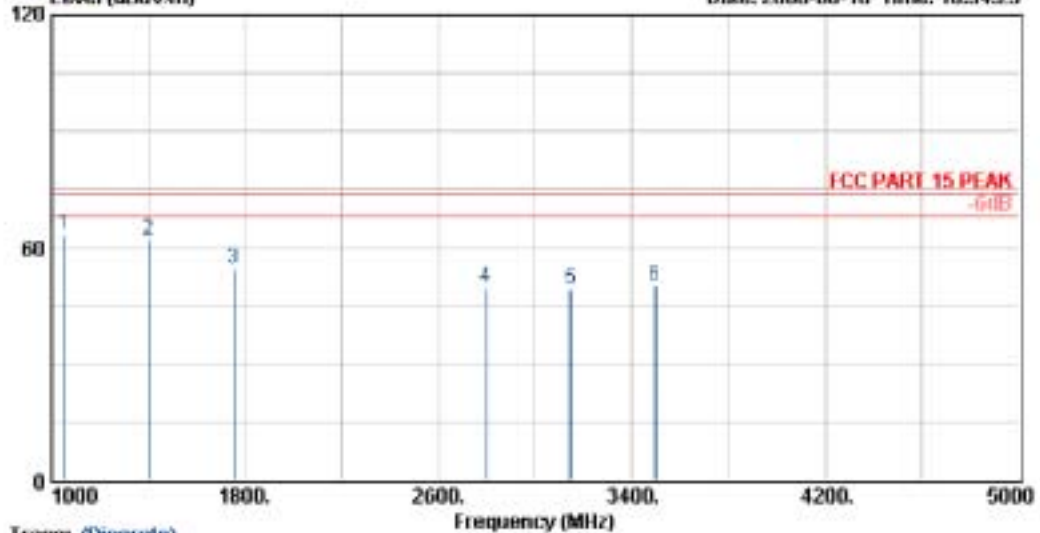
Site : 10a Chamber Test Site  
Condition : FCC PART 15B H (AV) 3rd 3115 FACTOR HORIZONTAL  
EUT : Remote Control (RC)-Transmitter  
M/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer : Allan  
Comment : Temp: 23° Humid: 56%  
Memo :

|     | Freq    | Limit  |        | Read Level | Over Limit | Cable/Antenna |        | Remark  |
|-----|---------|--------|--------|------------|------------|---------------|--------|---------|
|     |         | Line   | Level  |            |            | Loss          | Factor |         |
|     | MHz     | dBuV/m | dBuV/m | dBuV       | dB         | dB            | dB/m   |         |
| 1 @ | 1053.29 | 54.00  | 44.24  | 14.23      | -9.74      | 3.53          | 24.58  | Average |
| 2 @ | 1401.72 | 54.00  | 44.08  | 14.42      | -10.00     | 4.33          | 25.28  | Average |
| 3 @ | 2096.00 | 54.00  | 35.60  | 1.59       | -18.40     | 5.75          | 28.24  | Average |
| 4 @ | 2796.00 | 54.00  | 37.63  | 8.53       | -16.31     | 6.84          | 30.29  | Average |
| 5 @ | 3144.00 | 54.00  | 39.54  | 8.72       | -14.44     | 7.44          | 31.38  | Average |
| 6 @ | 3496.00 | 54.00  | 41.25  | 8.78       | -12.75     | 8.10          | 32.37  | Average |



No.6,Ke Feng Road, Block E2,  
Shenzhen Science Industry Park  
Nantou Shenzhen, Guangdong, China  
Tel:+86-755-26639495  
Fax:+86-755-26632877  
Partida:518957

Data: 10 File: E:\2006 Report Data\South East Asia Resources Ltd\ACS6QH073.EMI (36)  
Level (dBuV/m) Date: 2006-06-18 Time: 16:54:25



Trace: (Discrete)

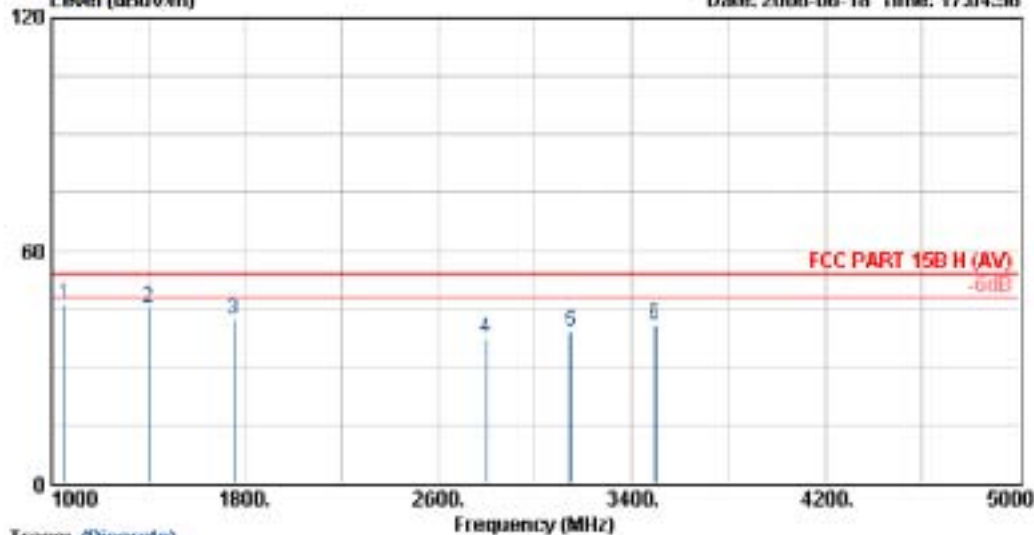
Site : 10a Chamber Test Site  
Condition : FCC PART 15 PEAK 3m 3115 FACTOR VERTICAL  
EUT : Remote Control (RC)-Transmitter  
M/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer : Allan  
Comment : Temp: 23° Humid: 56%  
Memo :

|     |         | Limit  |        | Read  | Over   | CableAntenna |        |        |
|-----|---------|--------|--------|-------|--------|--------------|--------|--------|
|     | Freq    | Line   | Level  | Level | Limit  | Loss         | Factor | Remark |
|     | MHz     | dBuV/m | dBuV/m | dBuV  | dB     | dB           | dB/m   |        |
| 1 @ | 1051.29 | 74.00  | 63.31  | 35.28 | -38.69 | 3.53         | 24.50  | Peak   |
| 2 @ | 1401.72 | 74.00  | 62.09  | 32.50 | -41.51 | 4.33         | 25.20  | Peak   |
| 3 @ | 1752.15 | 74.00  | 54.29  | 22.44 | -51.57 | 5.14         | 26.72  | Peak   |
| 4 @ | 2796.00 | 74.00  | 49.44  | 12.30 | -61.70 | 6.86         | 30.29  | Peak   |
| 5 @ | 3148.00 | 74.00  | 49.04  | 10.20 | -63.80 | 7.46         | 31.30  | Peak   |
| 6 @ | 3496.00 | 74.00  | 49.92  | 9.45  | -64.55 | 8.10         | 32.37  | Peak   |



No.6,Ke Feng Road, Block #2,  
Shenzhen Science Industry Park  
Nansu Shenzhen, Guangdong, China  
Tel:+86-755-26639495  
Fax:+86-755-26632877  
Partcode:518857

Data: 11 File: E:\2006 Report Data\South East Asia Resources Ltd\ACS60H073.EMI (36)  
Level (dBuV/m) Date: 2006-06-18 Time: 17:04:58



Trace: (Discrete)  
Site : 10m Chamber Test Site  
Condition : FCC PART 15B H (AV) 3m 3115 FACTOR VERTICAL  
EUT : Remote Control (RC)-Transmitter  
S/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : YK Mode  
Test Engineer: Allan  
Comment : Temp: 23° Humid: 54%  
Memo :

|     |         | Limit  |        | Read  | Over   | Cable/Antenna |        |         |
|-----|---------|--------|--------|-------|--------|---------------|--------|---------|
|     | Freq    | Line   | Level  | Level | Limit  | Loss          | Factor | Remark  |
|     | MHz     | dBuV/m | dBuV/m | dBuV  | dB     | dB            | dB/m   |         |
| 1 @ | 1051.29 | 54.00  | -46.38 | 18.27 | -7.78  | 3.53          | 24.58  | Average |
| 2 @ | 1401.72 | 54.00  | -45.28 | 15.42 | -8.88  | 4.38          | 25.28  | Average |
| 3 @ | 1752.15 | 54.00  | -42.25 | 18.48 | -11.75 | 5.14          | 26.72  | Average |
| 4 @ | 2796.00 | 54.00  | -37.34 | 8.20  | -16.64 | 6.86          | 30.29  | Average |
| 5 @ | 3148.00 | 54.00  | -38.98 | 8.14  | -15.82 | 7.46          | 31.38  | Average |
| 6 @ | 3496.00 | 54.00  | -40.69 | 8.22  | -13.31 | 8.10          | 32.37  | Average |

## 4. BAND EDGES MEASUREMENT

### 4.1. Test Equipment

The following test equipment were used during the Emission Bandwidth Test :

| Item | Equipment      | Manufacturer    | Model No. | Serial No.       | Last Cal.   | Cal. Interval |
|------|----------------|-----------------|-----------|------------------|-------------|---------------|
| 1    | EMC Analyzer   | Aglient         | E7405A    | MY42000131       | May 15, 06  | 1 Year        |
| 2    | Test Receiver  | Rohde & Schwarz | ESVS10    | 834468/011       | May 15, 06  | 1 Year        |
| 3    | Amplifier      | Agilent         | 8447D     | 2944A10684       | Jan. 19, 06 | 1/2 Year      |
| 4    | Bilog Antenna  | Schaffner       | CBL6111C  | 2768             | Apr.18, 06  | 1 Year        |
| 5    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.1 | Feb.07, 06  | 1/2 Year      |
| 6    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.2 | Feb.07, 06  | 1/2 Year      |
| 7    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.3 | Feb.07, 06  | 1/2 Year      |
| 8    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.4 | Feb.07, 06  | 1/2 Year      |
| 9    | Coaxial Switch | Anritsu         | MP59B     | M74389           | Feb.07, 06  | 1/2 Year      |

### 4.2. Block Diagram of Test Setup

EUT

***(EUT: Remote Control (AC) -Transmitter)***

### 4.3. Test Standard

The test completeness FCC 15C (231).

### 4.4. Bandwidth Limit

437.5 kHz wide centered on the operation frequency.

### 4.5. Test Procedure

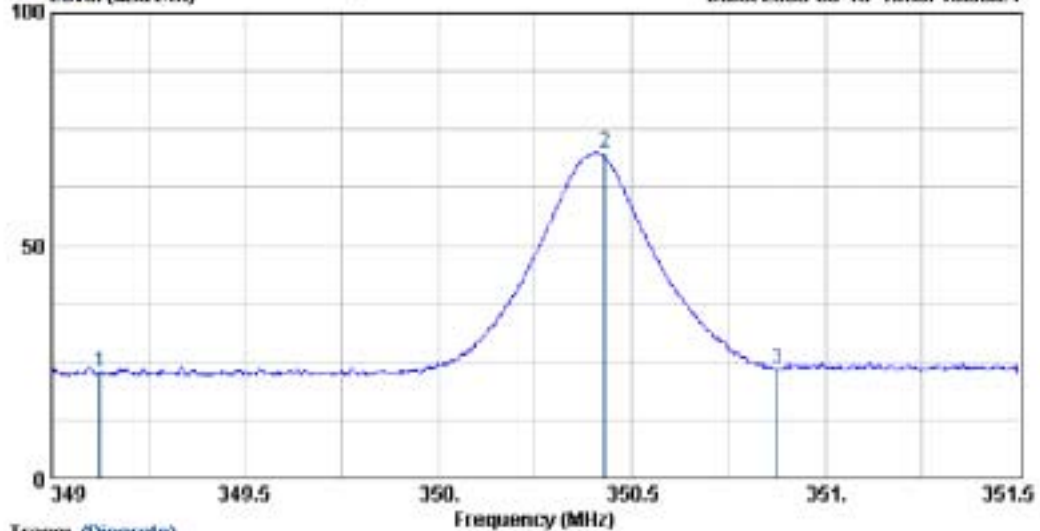
**PASS.**

The testing data was attached in the next pages.



No.6, Ke Feng Road, Block #2,  
Shenzhen Science Industry Park  
Nantou Shenzhen, Guangdong, China  
Tel: +86-755-26639495  
Fax: +86-755-26632877  
Periods: 518057

Data: 18 File: E:\2006 Report Data\S\South East Asia Resources Ltd\ACS6QH073.EMI (36)  
Level (dBuV/m) Date: 2006-06-18 Time: 13:50:24



Trace: (Discrete)

Site : 10a Chamber Test Site  
Condition : 3m 2768FACTOR3H VERTICAL  
EUT : Remote Control (RC)-Transmitter  
M/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer : Allan  
Comment : Temp: 23° Humid: 56%  
Note : Band edges

|     |        | Limit |        | Read   | Over  | Cable/Antenna |        |        |
|-----|--------|-------|--------|--------|-------|---------------|--------|--------|
|     | Freq   | Line  | Level  | Level  | Limit | Loss          | Factor | Remark |
|     | MHz    |       | dBuV/m | dBuV/m | dB    | dB            | dB/m   |        |
| 1 @ | 349.13 | ----- | 22.54  | 32.51  | ----- | 3.08          | 14.80  | Peak   |
| 2 @ | 350.43 | ----- | 49.84  | 79.82  | ----- | 3.09          | 14.80  | Peak   |
| 3 @ | 350.88 | ----- | 23.49  | 33.45  | ----- | 3.10          | 14.82  | Peak   |

## 5. 99% BAND WITH

### 5.1.Test Equipment

The following test equipments are used during the bandwidth test:

| Item | Equipment      | Manufacturer    | Model No. | Serial No.       | Last Cal.   | Cal. Interval |
|------|----------------|-----------------|-----------|------------------|-------------|---------------|
| 1    | EMC Analyzer   | Aglient         | E7405A    | MY42000131       | May 15, 06  | 1 Year        |
| 2    | Test Receiver  | Rohde & Schwarz | ESVS10    | 834468/011       | May 15, 06  | 1 Year        |
| 3    | Amplifier      | Agilent         | 8447D     | 2944A10684       | Jan. 19, 06 | 1/2 Year      |
| 4    | Bilog Antenna  | Schaffner       | CBL6111C  | 2768             | Apr.18, 06  | 1 Year        |
| 5    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.1 | Feb.07, 06  | 1/2 Year      |
| 6    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.2 | Feb.07, 06  | 1/2 Year      |
| 7    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.3 | Feb.07, 06  | 1/2 Year      |
| 8    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.4 | Feb.07, 06  | 1/2 Year      |
| 9    | Coaxial Switch | Anritsu         | MP59B     | M74389           | Feb.07, 06  | 1/2 Year      |

### 5.2.Test Standard

The test completeness FCC 15C (231).

### 5.3.Test Procedure

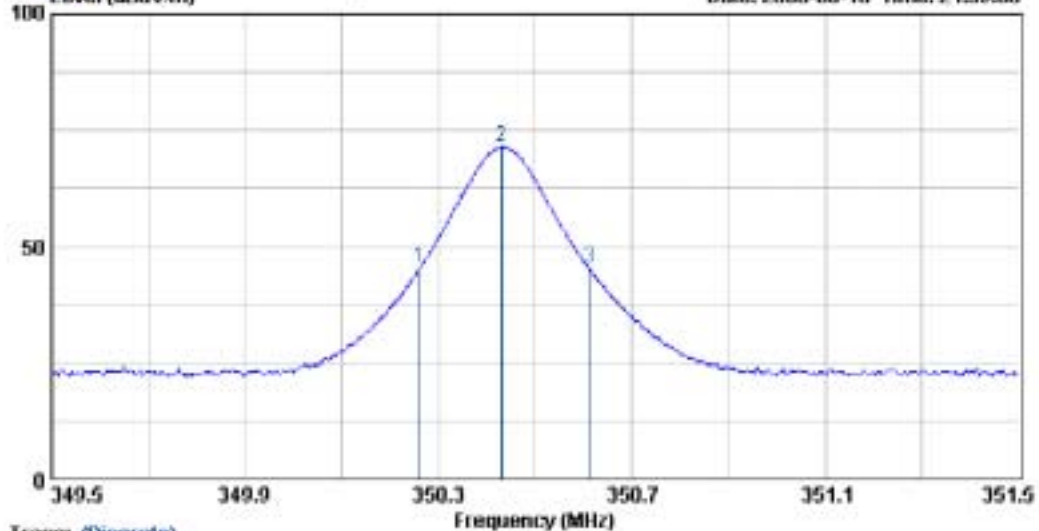
**PASS.**

The testing data was attached in the next pages.



No.6,Ke Feng Road, Block 52,  
Shenzhen Science Industry Park  
Nantou Shenzhen, Guangdong, China  
Tel: +86-755-26639495  
Fax: +86-755-26632877  
Partcode: 518857

Data: 17 File: E:\2006 Report Data\South East Asia Resources Ltd\ACS60H073.EM (36)  
Level (dBuV/m) Date: 2006-06-18 Time: 21:39:08



Trace: (Discrete)

Site : 18a Chamber Test Site  
Condition : 3m 2768FACTOR3H HORIZONTAL  
EUT : Remote Control (RC)-Transmitter  
M/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer : Allan  
Comment : Temp: 23° Humi: 54%  
Seno : RBW: 120KHz VBW: 300KHz  
: 99% BW: 352KHz  
: Sweep Time: 100ms

|     | Limit | Freq   | Line   | Level  | Read  | Over  | Cable/Antenna |        | Remark |
|-----|-------|--------|--------|--------|-------|-------|---------------|--------|--------|
|     |       |        |        |        |       |       | Loss          | Factor |        |
|     |       | MHz    | dBuV/m | dBuV/m | dBuV  | dB    | dB            | dB/m   |        |
| 1 @ |       | 350.26 | -----  | 45.27  | 54.95 | ----- | 1.09          | 15.18  | Peak   |
| 2 @ |       | 350.41 | -----  | 71.27  | 80.95 | ----- | 1.09          | 15.18  | Peak   |
| 3 @ |       | 350.61 | -----  | 45.27  | 54.95 | ----- | 1.10          | 15.18  | Peak   |

## 6. 20DB BAND WITH

### 6.1.Test Equipment

The following test equipments are used during the bandwidth test:

| Item | Equipment      | Manufacturer    | Model No. | Serial No.       | Last Cal.   | Cal. Interval |
|------|----------------|-----------------|-----------|------------------|-------------|---------------|
| 1    | EMC Analyzer   | Aglient         | E7405A    | MY42000131       | May 15, 06  | 1 Year        |
| 2    | Test Receiver  | Rohde & Schwarz | ESVS10    | 834468/011       | May 15, 06  | 1 Year        |
| 3    | Amplifier      | Agilent         | 8447D     | 2944A10684       | Jan. 19, 06 | 1/2 Year      |
| 4    | Bilog Antenna  | Schaffner       | CBL6111C  | 2768             | Apr.18, 06  | 1 Year        |
| 5    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.1 | Feb.07, 06  | 1/2 Year      |
| 6    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.2 | Feb.07, 06  | 1/2 Year      |
| 7    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.3 | Feb.07, 06  | 1/2 Year      |
| 8    | RF Cable       | MIYAZAKI        | 8D-FB     | 10m Chamber No.4 | Feb.07, 06  | 1/2 Year      |
| 9    | Coaxial Switch | Anritsu         | MP59B     | M74389           | Feb.07, 06  | 1/2 Year      |

### 6.2.Test Standard

The test completeness FCC 15C (231).

### 6.3.Test Procedure

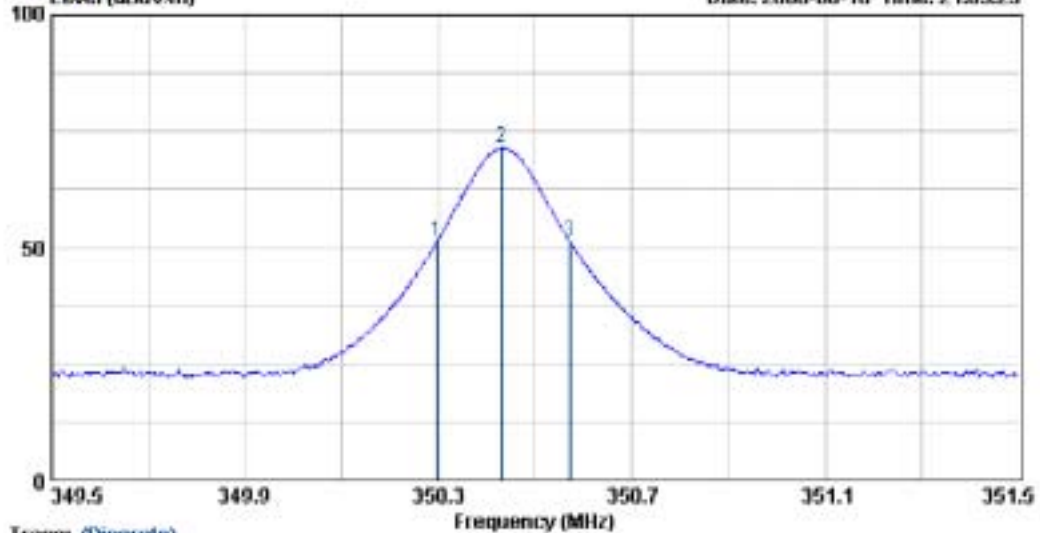
**PASS.**

The testing data was attached in the next pages.



No.6, Ke Feng Road, Block #2,  
Shenzhen Science Industry Park  
Nantou Shenzhen, Guangdong, China  
Tel: +86-755-26639495  
Fax: +86-755-26632877  
Partcode: 518057

Data: 15 File: E:\2006 Report Data\S\South East Asia Resources Ltd\ACS6QH073.EMI (36)  
Level (dBuV/m) Date: 2006-06-18 Time: 21:03:23



Trace: (Discrete)

Site : 10a Chamber Test Site  
Condition : 3m 2768FACTOR3H HORIZONTAL  
EUT : Remote Control (RC)-Transmitter  
M/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer : Allan  
Comment : Temp: 23° Humid: 56%  
Sens : 20 dB BW

|     |        | Limit  |        | Read  | Over  | Cable/Antenna |        |        |
|-----|--------|--------|--------|-------|-------|---------------|--------|--------|
|     | Freq   | Line   | Level  | Level | Limit | Loss          | Factor | Remark |
|     | MHz    | dBuV/m | dBuV/m | dBuV  | dB    | dB            | dB/m   |        |
| 1 @ | 350.30 | -----  | 51.24  | 60.94 | ----- | 3.09          | 15.10  | Peak   |
| 2 @ | 350.43 | -----  | 71.24  | 80.94 | ----- | 3.09          | 15.10  | Peak   |
| 3 @ | 350.57 | -----  | 51.24  | 60.94 | ----- | 3.09          | 15.10  | Peak   |

## **7. DEVIATION TO TEST SPECIFICATIONS**

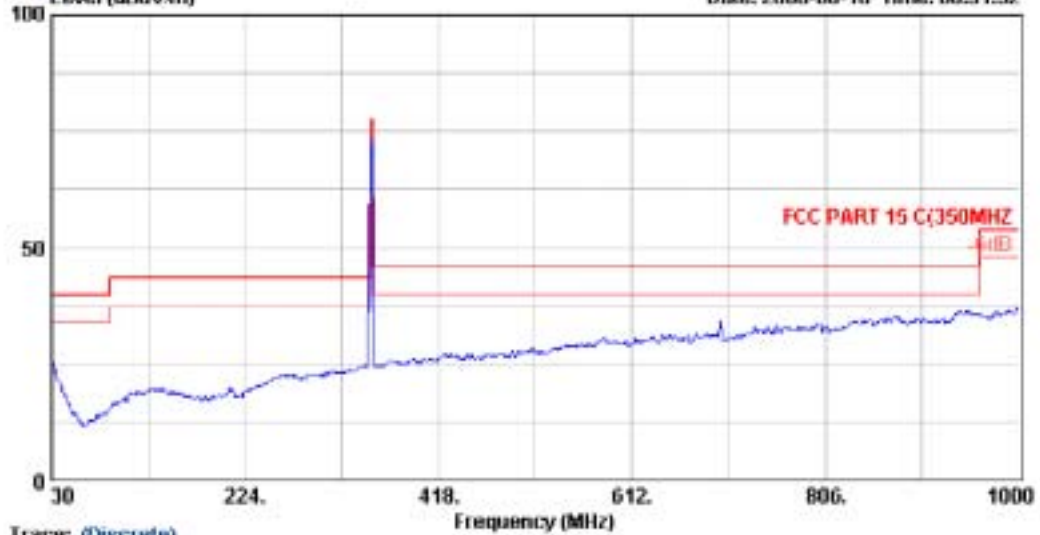
[ NONE ]

# **APPENDIX I**



No.6,Ke Feng Road, Block #2,  
Shenzhen Science Industry Park  
Nantou Shenzhen, Guangdong, China  
Tel: +86-755-26639495  
Fax: +86-755-26632877  
Partcode: 518857

Data: 1 File: E:\2006 Report Data\South East Asia Resources Ltd\ACS6QH073.EMI (36)  
Level (dBu/V/m) Date: 2006-06-18 Time: 08:51:52



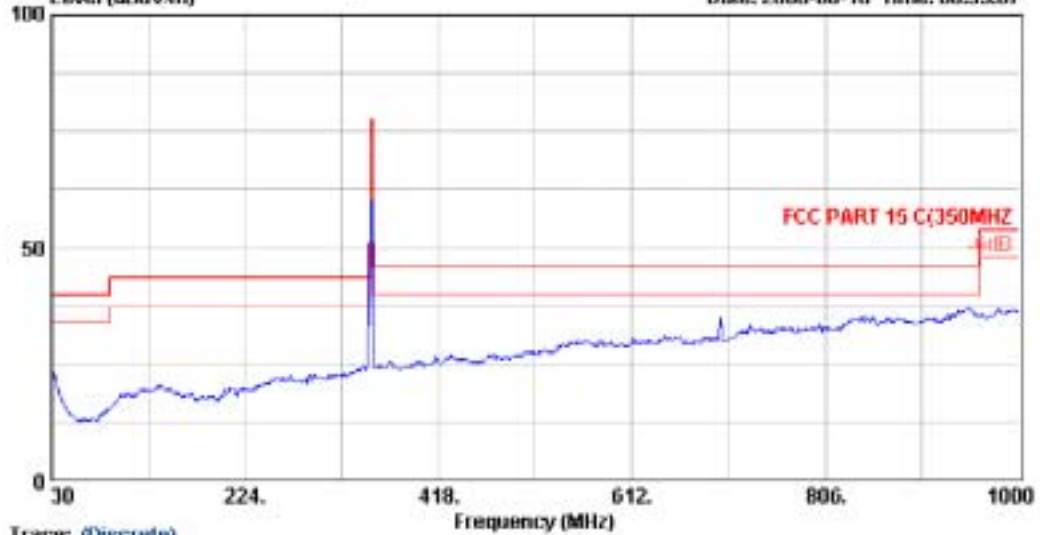
Trace: (Discrete)

Site : 10a Chamber Test Site  
Condition : FCC PART 15 C(350MHz) In 2768FACTOR3M HORIZONTAL  
EUT : Remote Control (RC)-Transmitter  
M/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer : Allan  
Comment : Temp: 23° Humid: 56%  
Seno :



No.6,Ke Feng Road, Block E2,  
Shenzhen Science Industry Park  
Nantou Shenzhen, Guangdong, China  
Tel: +86-755-26639495  
Fax: +86-755-26632877  
Partida: 518057

Data: 3 File: E:\2006 Report Data\South East Asia Resources Ltd\ACS6QH073.EMI (36)  
Level (dBu/V/m) Date: 2006-06-18 Time: 08:55:07



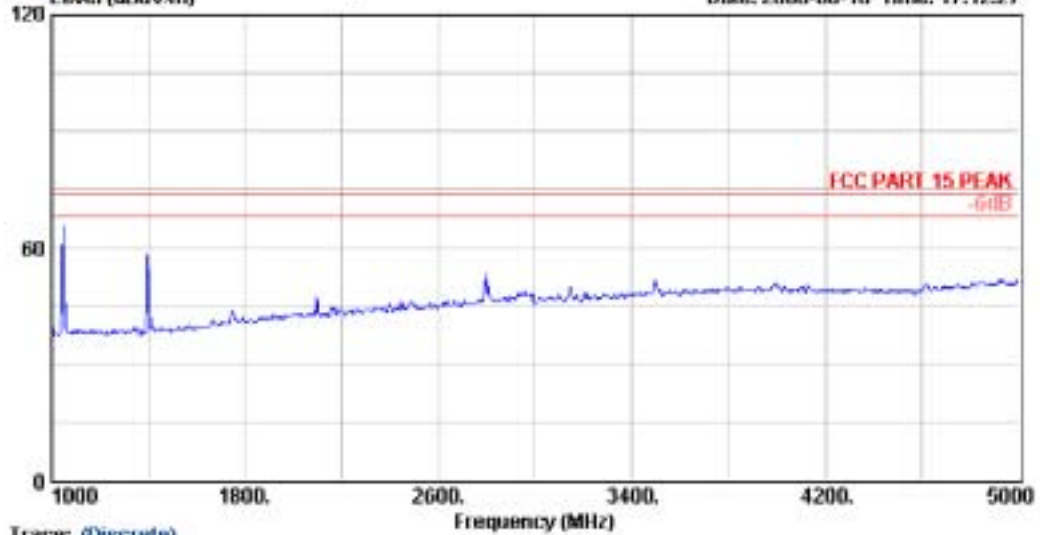
Trace: (Discrete)

Site : 10a Chamber Test Site  
Condition : FCC PART 15 C(350MHz) 3m 2760FACTOR3M VERTICAL  
EUT : Remote Control (RC)-Transmitter  
M/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer : Allan  
Comment : Temp: 23° Humid: 56%  
Seno :



No.6, Ke Feng Road, Block #2,  
Shenzhen Science Industry Park  
Nantou Shenzhen, Guangdong, China  
Tel: +86-755-26639495  
Fax: +86-755-26632877  
Partida: 518057

Data: 12 File: E:\2006 Report Data\South East Asia Resources Ltd\ACS6QH073.EMI (36)  
Level (dBu/Ven) Date: 2006-06-18 Time: 17:12:27



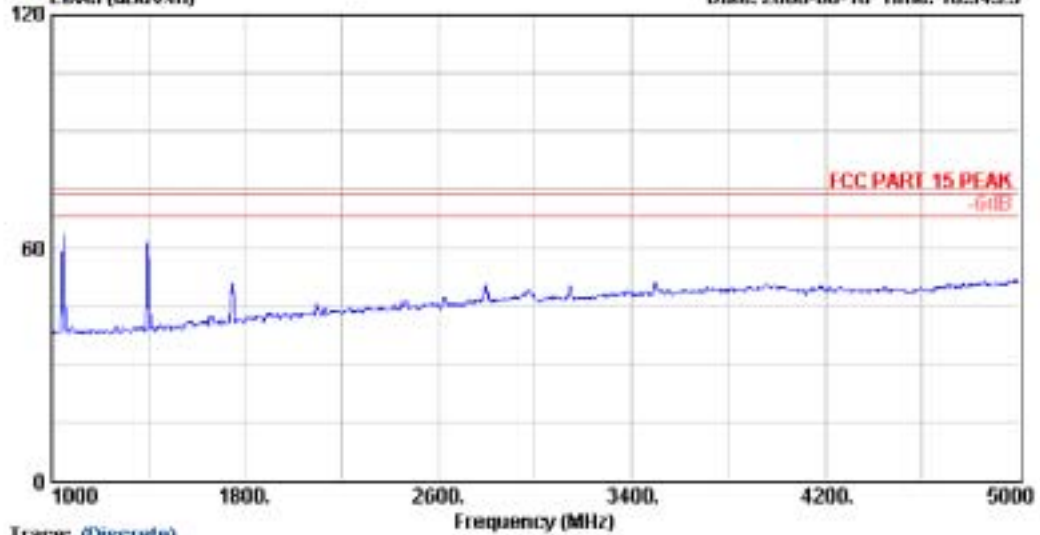
Trace: (Discrete)

Site : 10a Chamber Test Site  
Condition : FCC PART 15 PEAK 3m 3115 FACTOR HORIZONTAL  
EUT : Remote Control (RC)-Transmitter  
M/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer : Allan  
Comment : Temp: 23° Humid: 56%  
Sero :



No.6,Ke Feng Road, Block #2,  
Shenzhen Science Industry Park  
Nantou Shenzhen, Guangdong, China  
Tel: +86-755-26639495  
Fax: +86-755-26632877  
Partida: 518057

Data: 9 File: E:\2006 Report Data\South East Asia Resources Ltd\ACS6QH073.EMI (36)  
Level (dBu/Ven) Date: 2006-06-18 Time: 16:54:25



Trace: (Discrete)  
Site : 10a Chamber Test Site  
Condition : FCC PART 15 PEAK 3m 3115 FACTOR VERTICAL  
EUT : Remote Control (RC)-Transmitter  
M/N : 00-062601-00  
Power : DC 4.5V  
Test Mode : TX Mode  
Test Engineer : Allan  
Comment : Temp: 23° Humid: 56%  
Seno :