

FCC TEST REPORT  
On Behalf of  
Designated Parking Corp.  
FCC ID: RXF104  
Myspot  
Remote Controlled Parking Barrier(Rx)  
Model No.: RRC-433

Prepared for : Designated Parking Corp.  
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## TEST REPORT

Applicant : Designated Parking Corp.  
Manufacturer : River Display Electronics (Songgang) Mfg. C  
EUT : Myspot  
Remote Controlled Parking Barrier(Rx)  
(A) MODEL NO. : RRC-433  
(B) SERIAL NO. : N/A  
(C) POWER SUPPLY: DC 7.5V  
(D) TRADE MARK: DPC

## Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B 2006 &amp; FCC / ANSI C63.4-2003

The device described above is tested by SGS-CSTC Standards Technical Services Co., Ltd. To determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B limits both radiated and conducted emissions. The measurement results are contained in this test report and Anbotek Compliance Laboratory Limited Is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Anbotek Compliance Laboratory Limited

Date of Test : Sep.04~11, 2007

Prepared by :   
(Engineer)Reviewer :   
(Project Manager)Approved & Authorized Signer :   
(Manager)

## 1. GENERAL INFORMATION

### 1.1. Description of Device (EUT)

Description	: Myspot Remote Controlled Parking Barrier(Rx)
Model Number	: RRC-433
Test Power Supply	: DC 7.5V
Frequency	: 433.92MHz
Applicant Address	: Designated Parking Corp. 10 Ridge Road West Orange, NJ 07052
Manufacturer Address	: River Display Electronics (Songgang) Mfg. C Shapu Industry Zone, No. 3, Baoan District, Songgang, Shenzhen
Date of Sample received	: Aug.29, 2007
Date of Test	: Sep.04~11, 2007

## 1.2. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

### **VCCI-Registration No.: R-2197 and C-2383**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been registered and fully described in a report filed with the (VCCI) Voluntary Control Council for Interference by Information Technology Equipment. The acceptance letter from the VCCI is maintained in our files. Registration R-2197 and C-2383, September 29, 2005.

### **FCC-Registration No.: 556682**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration 556682, August 04, 2005.

### **IC-Registration No.: 6002**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration 6002, August 25, 2005.

### **Test Location**

All Emissions tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd. at No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China

## 1.3. Measurement Uncertainty

Radiation Uncertainty :  $U_r = \pm 4.26\text{dB}$

Conduction Uncertainty :  $U_c = \pm 2.66\text{dB}$

## 2. RADIATED EMISSION MEASUREMENT

### 2.1. Test Equipment

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

#### 2.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Ultra-Broadband Antenna	Rohde & Schwarz	HL562	100015	Nov.12, 2006	1 Year
2.	EMI Test Receiver	Rohde & Schwarz	ESI26	100009	Nov.12, 2006	1 Year
3.	EMI Test Software	Rohde & Schwarz	ESK1	N/A	N/A	N/A
4.	Bilog Antenna	Schwarzbeck	CBL6143	N/A	Nov.05, 2006	1 Year
5.	Coaxial cable	SGS	N/A	N/A	N/A	N/A
6.	PC	N/A	486DX2	N/A	N/A	N/A

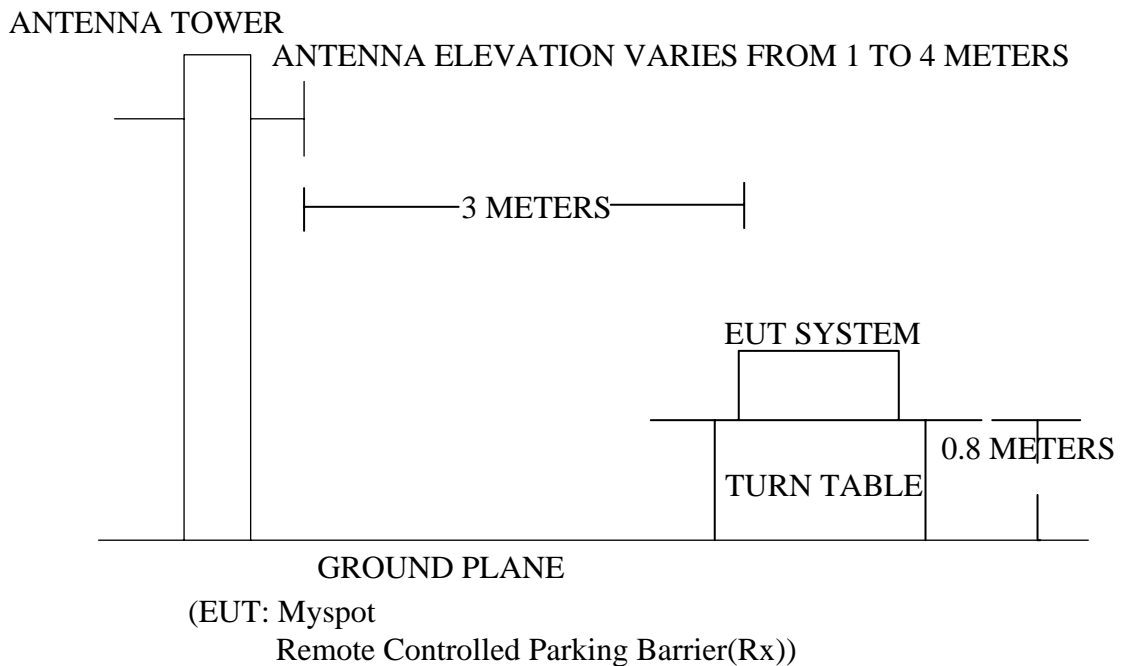
### 2.2. Block Diagram of Test Setup

#### 2.2.1. Block diagram of connection between the EUT and simulators



(EUT: Myspot  
Remote Controlled Parking Barrier(Rx))

#### 2.2.2. Anechoic Chamber Test Setup Diagram



### 2.3. Radiated Emission Limit (Class B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0

- Remark :
- (1) Emission level  $(\text{dB})\mu\text{V} = 20 \log \text{Emission level } \mu\text{V/m}$
  - (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.

### 2.4. EUT Configuration on Measurement

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

EUT	Myspot
	Remote Controlled Parking Barrier(Rx)
Model Number	RRC-433
Applicant	Designated Parking Corp.

### 2.5. Operating Condition of EUT

2.5.1. Setup the EUT as shown in Section 2.2.

2.5.2. Let the EUT work in test mode (On) and measure it.

## 2.6. Test Procedure

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. EUT is set 3.0 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2003 on radiated emission measurement.

The bandwidth of the EMI test receiver (R&S ESI26) is set at 120KHz.

The frequency range from 30MHz to 1000MHz is checked.

The EUT is tested in chamber and all the test results are listed in Section 2.7.

## 2.7. Radiated Emission Measurement Results

**PASS.**

The test curves are shown in the APPENDIX I.



### 3. FCC ID Label

The Label must not be a stick-on paper label. The Label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

#### Proposed Label Location on EUT

EUT Bottom View/Proposed FCC ID Label Location



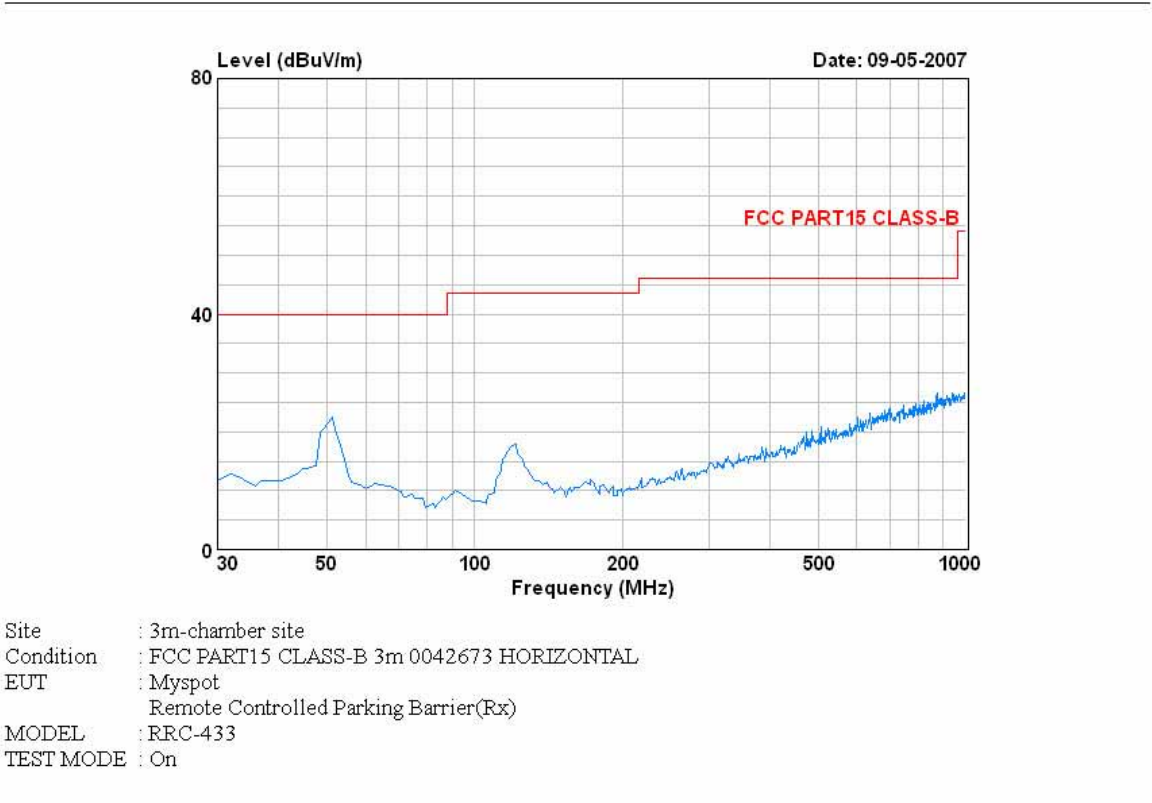
## 4. PHOTOGRAPH

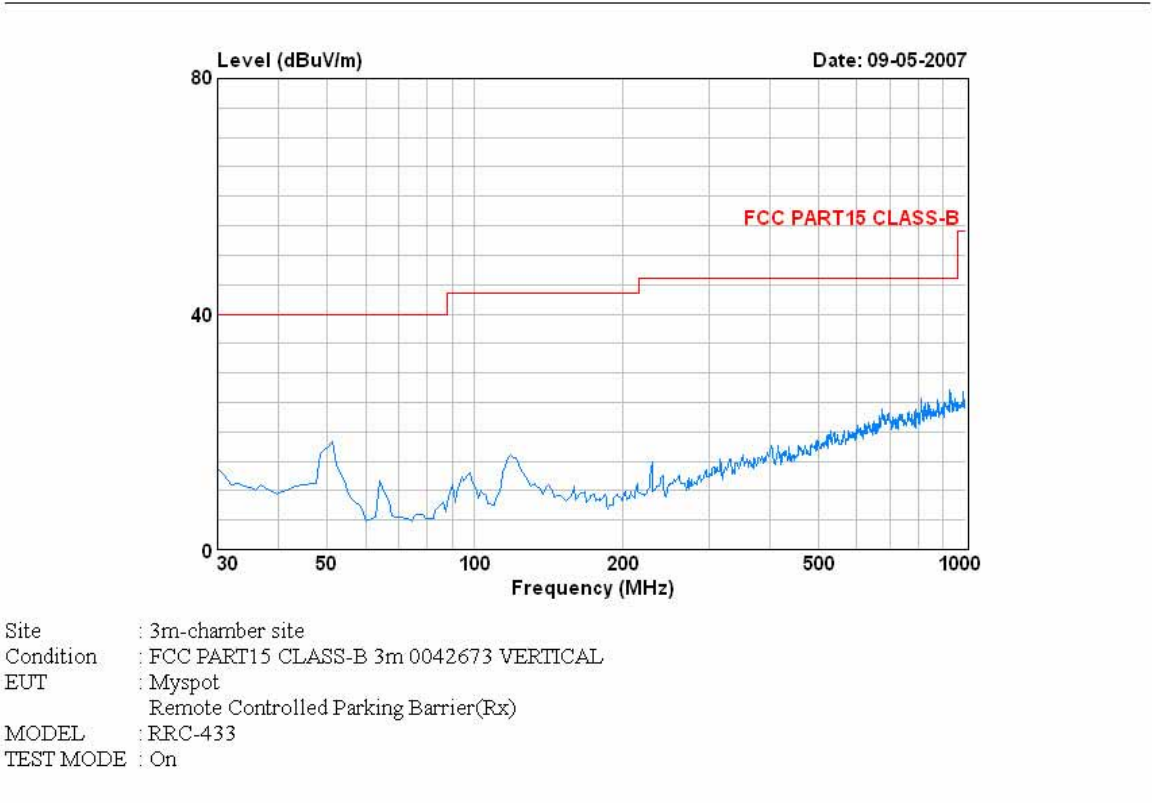
### 4.1. Photo of Radiated Emission Measurement



## APPENDIX I

### (Radiated Emission Test Curves)





## APPENDIX II (Photos of EUT)

Figure 1  
The EUT-Overall View



Figure 2  
Receiver of the EUT-Front View



Figure 3  
Receiver of the EUT-Back View



Figure 4  
Receiver of the EUT-Inside View





Figure 5  
Receiver of the EUT-Inside View



Figure 6  
Receiver of the EUT-Inside View

