

# **FCC TEST REPORT**

## **for**

### **Electronic Anti-lost alarm**

Model No. : G0408J

FCC ID : WAVG0408J

Applicant : KANGGU MEDICAL EQUIPMENT FACTORY  
NO.380 NINGKANG EAST ROAD, YUEQING, ZHEJING, CHINA

Regulation : **FCC Part 15.109 Subpart B**

Prepared by : AOV Testing Technology Co., Ltd  
AOV Building, Xueyuan Road East, University City, Shenzhen  
(Tanglang Village, Xili Town, Nanshan District), China

Test Date : May 10-20, 2008

Date of Report : May 20, 2008

## TABLE OF CONTENT

Description	Page
Test Report Declaration	
<b>1. GENERAL INFORMATION .....</b>	<b>4</b>
1.1 General Information .....	4
1.2 Test Facility .....	4
1.3 Test Instrument Used .....	5
<b>2. RADIATION INTERFERENCE .....</b>	<b>6</b>
2.1. Rules Part No.....	6
2.2. Limits .....	6
2.3. Test Procedure .....	6
2.4. Test Result.....	6
<b>3. PHOTOGRAPH OF TEST .....</b>	<b>8</b>

## TEST REPORT DECLARATION

Applicant : KANGGU MEDICAL EQUIPMENT FACTORY  
Manufacturer : KANGGU MEDICAL EQUIPMENT FACTORY  
EUT Description : Electronic Anti-lost alarm

**Test Procedure Used:****FCC 15 Subpart B, Class B**

The E. U. T. listed below has been completed testing by Shenzhen AOV Testing Technology Co., Ltd at the test site of World Standardization Certification & Testing Co., Ltd. And the Interference emissions can pass **FCC CLASS B** limitations.

The test configurations and the facility comply with the radiated and AC line conducted test site criteria in **ANSI C63.4-2003**.

Date of Test:

May 10-20, 2008

Prepared by:

Project Engineer

Reviewer :

Project Manager

## 1. GENERAL INFORMATION

### 1.1 General Information

Applicant : KANGGU MEDICAL EQUIPMENT FACTORY  
NO.380 NINGKANG EAST ROAD, YUEQING,  
ZHEJING, CHINA

Manufacturer : KANGGU MEDICAL EQUIPMENT FACTORY  
NO.380 NINGKANG EAST ROAD, YUEQING,  
ZHEJING, CHINA

### 1.2 Test Facility

Test Firm : World Standardization Certification & Testing Co., Ltd  
Certificated by FCC, Registration no.: 276008  
Address : 1-2/F, Dachong Keji Building No.28 Of Tonggu Road,  
Nanshan District, Shenzhen, PRC  
Tel : 86-755-26990810  
Fax : 86-755-26996253

### 1.3 Test Instrument Used

Test Instrment					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL	CAL DUE
EMI Test Receiver	R&S	ESCI	100005	03/16/2008	03/15/2009
Amplifier	HP	HP8447E	2945A02715	03/16/2008	03/15/2009
Log Antenna	Sunol Sciences Corporation	JB3	A021907	03/12/2008	03/11/2009
Cable	TIME MICROWAVE	LMR-400	N-TYPE04	03/16/2008	03/15/2009
System-Controller	CC-C-1F	MF7802080	N/A	N/A	N/A
Turn Table	EMCO	1-1.21	N/A	N/A	N/A
Antenna Tower	CT	N/A	N/A	N/A	N/A
Decoupling Network	FISCHER CUSTOM	201-DCN-5-6 MM	12	03/6/2008	03/15/2009

## 2. RADIATION INTERFERENCE

### 2.1.Rules Part No.

15.109

### 2.2.Limits

Frequency of (MHz)	Emission Field Strength (microvolts/meter)
30 - 88	100 (40)
88 - 216	150 (43.52)
216 - 960	200 (46.02)
Above 960	500 (54.0)

### 2.3.Test Procedure

#### **ANSI STANDARD C63.4-2003 10.1.7 MEASUREMENT PROCEDURES:**

The UUT is placed on a turned table that is 0.8 meter above the ground. The turned table can rotate 360 degrees to determine the position of the maximum emission level. The UUT is set 3 meters away from the receiving antenna that is mounted on the antenna tower. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (log periodical antenna and horn antenna) is used as receiving antenna. Both horizontal and vertical polarization of the antenna is set on test.

The resolution bandwidth was 100 kHz and the video bandwidth was 300 kHz.

The spectrum was scanned from 30 MHz to 2000MHz of the fundamental.

### 2.4.Test Result

**PASS**

Detailed information, Please refer to the following page.

**N-ON Mode:****Horizontal:**

Frequency (MHz)	PK (dBuV/m)	Read Level (dBuV/m)	Limit (dBuV/m)	Margin (dBuV/m)
459.9198	31.90	28.20	46.02	17.82
1886.0000	44.40	43.28	54.00	10.72
1900.0000	44.30	43.19	54.00	10.81
1914.0000	44.20	38.10	54.00	15.90
1932.0000	44.10	42.35	54.00	11.65
1952.0000	43.90	43.01	54.00	10.99
1984.0000	44.90	42.06	54.00	11.94

**Vertical:**

Frequency (MHz)	PK (dBuV/m)	Read Level (dBuV/m)	Limit (dBuV/m)	Margin (dBuV/m)
1904.0000	44.90	43.03	54.00	10.97
1926.0000	44.60	42.56	54.00	11.44
1938.0000	44.30	43.64	54.00	10.36
1952.0000	45.10	43.78	54.00	10.22
1958.0000	44.10	42.08	54.00	11.92
1986.0000	44.40	43.19	54.00	10.81

**S-ON Mode:****Horizontal:**

Frequency (MHz)	PK (dBuV/m)	Read Level (dBuV/m)	Limit (dBuV/m)	Margin (dBuV/m)
885.54	37.0	27.10	46.02	18.92
1818.0000	44.50	43.18	54.00	10.82
1824.0000	44.60	43.02	54.00	10.98
1856.0000	44.10	43.23	54.00	10.77
1864.0000	44.40	43.19	54.00	10.81
1870.0000	44.20	43.66	54.00	10.34
1904.0000	44.60	42.98	54.00	11.02

**Vertical:**

Frequency (MHz)	PK (dBuV/m)	Read Level (dBuV/m)	Limit (dBuV/m)	Margin (dBuV/m)
947.62	37.1	28.19	46.02	17.83
1812.0000	44.20	42.88	54.00	11.12
1878.0000	44.70	43.15	54.00	10.85
1892.0000	44.20	42.73	54.00	11.27
1930.0000	44.30	43.06	54.00	10.94
1968.0000	44.60	43.27	54.00	10.73
1984.0000	44.00	43.19	54.00	10.81

\* The read level was the last result which be accounted with all factors by system automatic.

The spectrum was scanned from 30 MHz to 2000 MHz

### 3. PHOTOGRAPH OF TEST

