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Ref. No.: SZEMO09040165102

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FCC ID: VUY1078P

## RF Exposure Evaluation

**Application No. :** SZEMO090401651RF  
**Applicant:** Vocentrix(HK)Limited  
**Factory:** Dongguan Tangxia Chengde Electron Factory  
**FCC ID:** VUY1078P  
**Fundamental Carrier** 2.410GHz to 2.470GHz  
**Frequency :**

**Equipment Under Test (EUT):**

Name: Baby monitor

Model: 08280 P

**Date of Receipt:** 15 April 2009

**Date of Test:** 15 to 27 April 2009

**Date of Issue:** 30 April 2009

<b>Test Result :</b>	<b>PASS*</b>
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\* In the configuration tested, the EUT complied with the standards specified above.

Robinson Lo  
Laboratory Manager

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## 2 RF Exposure Evaluation

### 2.1 Limits

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

### 2.2 Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

The temperature and related humidity: 18°C and 78% RH.

### 2.3 Test Result of RF Exposure Evaluation

Product : Baby monitor

Test Item : RF Exposure Evaluation

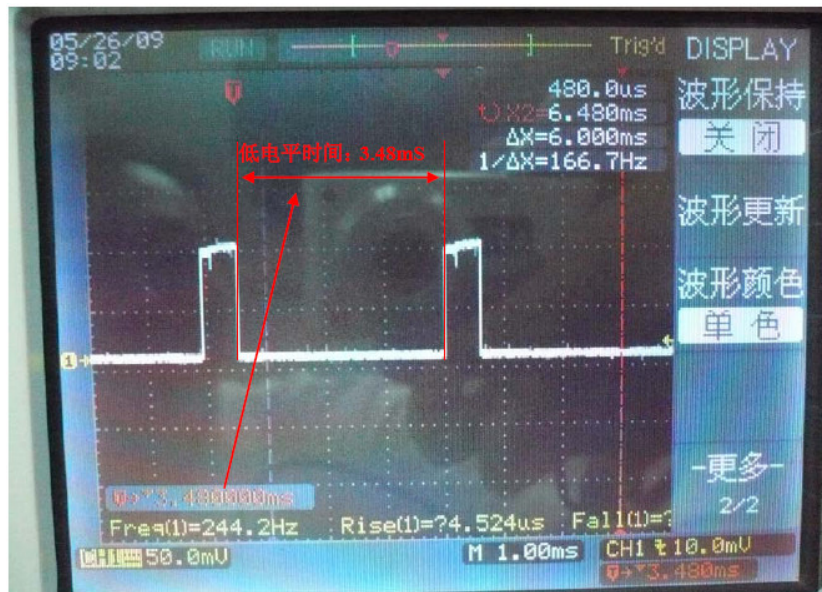
Antenna Gain

Antenna Gain: The maximum Gain measured in fully anechoic chamber is 1dBi in linear scale.

Output Power Into Antenna & RF Exposure Evaluation Distance (0dBi):

$P_{out} = \text{Peak Power} + 20\log(\text{duty cycle}) = \text{Peak Power} + 10\log(0.147) = \text{Peak Power} - 8.32$

Duty Cycle=14.7%.



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Calculated Data

Channel	Frequency (MHz)	Output Power to Antenna (mW)	60/f SAR Limitation (mW)
1	2.410	13.4	24.9
7	2.445	14.2	24.5
13	2.470	11.3	24.3

Remark: MPE was not applicable for the EUT's average power is lower than 24.3 mW.

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