

## **EMISSION TEST REPORT**

**Test Report No. :** 21BE0029YW-2

**Applicant:** CALSONIC KANSEI CORP.  
**Type of Equipment:** Keyless Entry System (Receiver)  
**Model No.:** GSTU13  
**Test standard:** FCC Part 15 Subpart B  
**Test Result:** Complies

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The results in this report apply only to the sample tested.

**Date of test:** September 27, 2000

**Tested by:**   
Naoki Sakamoto

**Approved by:**  **Issued date:** October 5, 2000  
Kazutoyo Nakanishi  
Section Manager of EMC section

Testing Laboratory

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## DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.  
YOKOWA No.2 OPEN TEST SITE  
Report No. : 21BE0029YW-2

Applicant : Calsonic Kansei Corp.  
Kind of Equipment : KEYLESS ENTRY SYSTEM(RECEIVER)  
Model No. : GSTU13  
Serial No. :  
Power : DC5V  
Mode : RUNNING  
Remarks : FCC ID : KBRGSTU13  
Date : 9/27/2000  
Test Distance : 3 m  
Temperature : 23 °C  
Humidity : 60 %  
Regulation : FCC Part15B CLASS B

  
Engineer : Naoki Sakamoto

| No. | FREQ.<br>[MHz] | ANT<br>TYPE | READING        |                | ANT<br>FACTOR<br>[dB/m] | AMP<br>GAIN<br>[dB] | CABLE<br>LOSS<br>[dB] | ATTEN.<br>[dB] | RESULT           |                  | LIMITS           |                  | MARGIN      |             |
|-----|----------------|-------------|----------------|----------------|-------------------------|---------------------|-----------------------|----------------|------------------|------------------|------------------|------------------|-------------|-------------|
|     |                |             | HOR<br>[dB μV] | VER<br>[dB μV] |                         |                     |                       |                | HOR<br>[dB μV/m] | VER<br>[dB μV/m] | HOR<br>[dB μV/m] | VER<br>[dB μV/m] | HOR<br>[dB] | VER<br>[dB] |
| 1.  | 32.00          | BB          | 23.5           | 25.4           | 17.9                    | 29.7                | 1.0                   | 6.1            | 18.6             | 20.7             | 40.0             | 21.4             | 19.3        |             |
| 2.  | 57.60          | BB          | 26.6           | 33.0           | 9.0                     | 29.8                | 1.4                   | 5.9            | 12.1             | 19.5             | 40.0             | 27.9             | 30.5        |             |
| 3.  | 92.00          | BB          | 27.8           | 27.4           | 8.8                     | 29.8                | 1.8                   | 5.9            | 14.5             | 14.1             | 43.5             | 29.0             | 29.4        |             |
| 4.  | 180.00         | BB          | 24.8           | 25.6           | 16.2                    | 29.6                | 2.7                   | 6.9            | 20.0             | 21.0             | 43.5             | 23.5             | 22.5        |             |
| 5.  | 200.00         | BB          | 24.8           | 25.4           | 16.5                    | 29.6                | 2.7                   | 6.9            | 20.3             | 20.9             | 43.5             | 23.2             | 22.6        |             |
| 6.  | 304.30         | BB          | 24.1           | 24.3           | 16.6                    | 29.7                | 6.2                   | 5.9            | 23.1             | 23.3             | 46.0             | 22.9             | 22.7        |             |
| 7.  | 320.00         | BB          | 22.1           | 22.0           | 16.8                    | 29.7                | 6.4                   | 5.9            | 21.5             | 21.4             | 46.0             | 24.5             | 24.6        |             |
| 8.  | 400.00         | BB          | 23.0           | 22.6           | 18.0                    | 29.8                | 7.2                   | 6.0            | 24.4             | 24.0             | 46.0             | 21.6             | 22.0        |             |

CALCULATION: READING + ANT. FACTOR + CABLE LOSS - AMP. GAIN + ATTEN.

Except for the above table: adequate margin data below the limits.

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