

EMISSION TEST REPORT

Test Report No. : **21BE0029YW-1**

Applicant: CALSONIC KANSEI CORP.
Type of Equipment: Keyless Entry System (Transmitter)
Model No.: ASTU13
Test standard: FCC Part 15 Subpart C
Test Result: Complies

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

Date of test: September 14, 2000

Tested by: 
Naoki Sakamoto

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

Testing Laboratory

A-pex International Co., Ltd.

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DATA OF RADIATION TEST

A-PEX INTERNATIONAL CO., LTD.
YOKOMA NO.3 OPEN SITE

COMPANY : Calsonic Kansei Corp. REPORT NO : 21880029YW-1
 TRADE NAME : Calsonic Kansei REGULATION : FCC15.231(b) / 15.205
 EQUIPMENT : keyless Entry System(Transmitter) TEST DISTANCE : 3m
 MODEL : ASTU13 DATE : 2000/ 9/14
 POWER : DC3.2V FCC ID : KBRASTU13
 Mode : Transmit
 REMARKS : Below the 1GHz QP DETECT(T/R)
 : Upper the 1GHz PK DETECT(S/A)

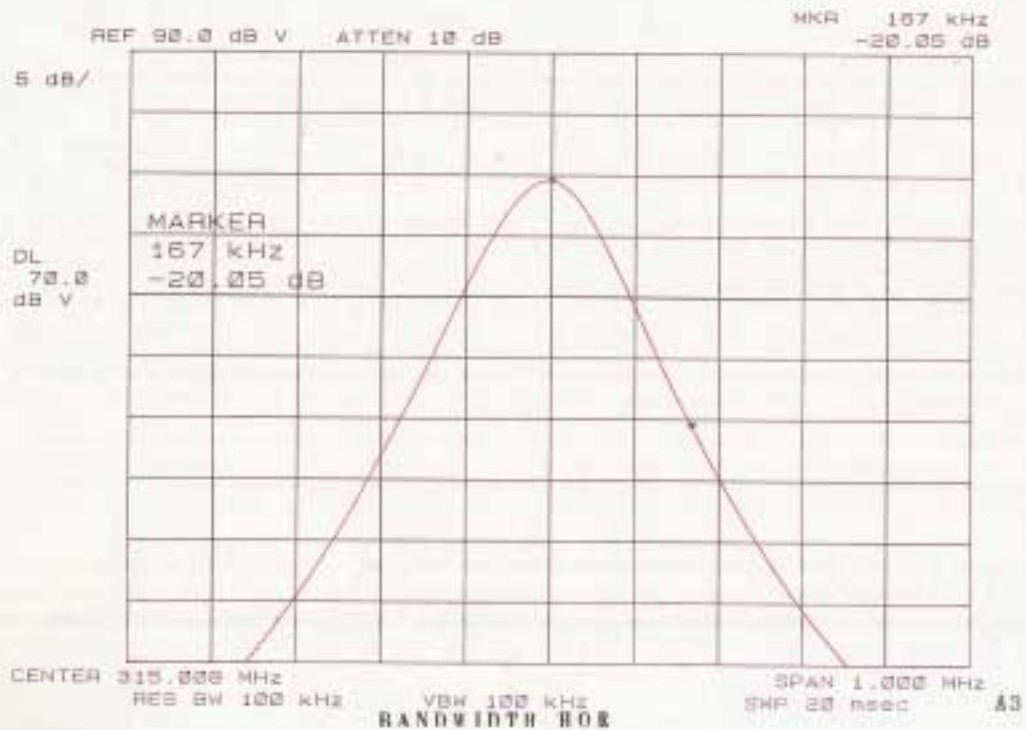
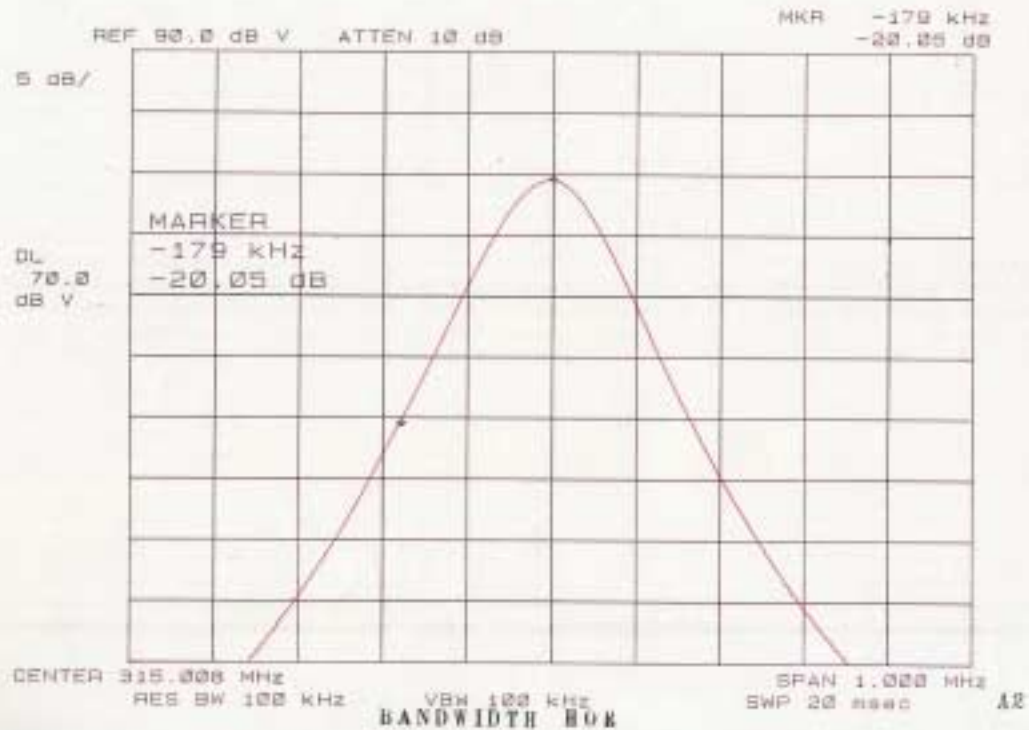
ENGINEER : Naoki Sakamoto

No.	FREQ [MHz]	ANT TYPE	READING		ANT Factor	CABLE Loss	AMP Gain	RESULT		LIMIT	MARGIN	
			HOB	VER				HOB	VER		HOB	VER
			[dBμV]	[dBμV]	[dB]	[dB]	[dB]	[dBμV/m]	[dBμV/m]	[dBμV/m]	[dB]	[dB]
1	315.00	BB	78.2	61.2	14.0	4.5	28.3	74.40	57.40	75.6	1.20	18.20
2	630.03	BB	31.0	26.3	18.5	7.7	27.9	35.30	30.60	55.6	20.30	25.00
3	945.04	BB	28.8	20.0	22.6	9.9	27.5	37.80	31.00	55.6	17.80	24.60
4	1260.00	BB	48.5	46.0	24.4	3.8	35.1	47.60	45.10	55.6	8.00	10.50
5	1575.00	BB	45.3	47.0	25.6	4.2	34.4	46.70	48.40	54.0	7.30	5.60
6	1890.00	BB	51.0	50.3	27.2	4.4	34.3	54.30	53.60	55.6	1.30	2.00
7	2205.00	BB	47.3	46.6	28.2	4.8	34.2	52.10	51.40	54.0	1.90	2.60
8	2520.00	BB	47.0	47.5	29.0	5.3	34.3	53.00	53.50	55.6	2.60	2.10
9	2835.00	BB	45.3	44.7	30.0	5.6	34.6	52.30	51.70	54.0	1.70	2.30
10	3150.00	BB	45.0	41.2	30.4	5.9	34.5	52.80	49.00	55.6	2.80	6.60

CALCULATION(30MHz to 1000MHz):READING + ANT Factor + Cable Loss - AMP Gain + ATTEN 6dB

CALCULATION(1.0GHz to 3.3GHz):READING + ANT Factor + Cable Loss - AMP Gain

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



Test report
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FCC ID : KBRASU13

3 RADIATED MEASUREMENT PHOTOS

Figure 3.1 Radiated Measurement Photos



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