



EMI TEST REPORT

Test Report No. : 24IE0145-HO-1

Applicant : Calsonic Kansei Corp.
Type of Equipment : Key of Intelligent Key System
Model No. : TN001
Test standard : FCC Part 15 Subpart C 2003
Section 15.231
FCC Part 15 Subpart B : 2003
Section 15.109
FCC ID : KBRTN001
Test Result : Complied

1. This test report shall not be reproduced in full or partial, without the written approval of UL Apex Co., Ltd.
2. The results in this report apply only to the sample tested.
3. This equipment is in compliance with above regulation. We hereby certify that the data contain a true representation of the EMC profile.
4. The test results in this report are traceable to the national or international standards.

Date of test:

May 28 - June 4 , 2004

Tested by:

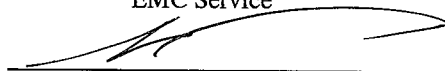


Kenichi Adachi
EMC Service



Makoto Kosaka
EMC Service

Approved by :



Naoki Sakamoto
Group Leader of
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UL Apex Co., Ltd.

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SECTION 1: Client information

Company Name	:	Calsonic Kansei Corp.
Address	:	8 Sakae-cho Sano-shi Tochigi 327-0816, Japan
Telephone Number	:	+81-283-21-8407
Facsimile Number	:	+81-283-21-8547
Contact Person	:	Kataro Ohashi

SECTION 2: Equipment under test (E.U.T.)

2.1 Identification of E.U.T.

Type of Equipment	:	Key of Intelligent Key System
Model No.	:	TN001
Serial No.	:	1
Rating	:	DC 3V
Country of Manufacture	:	Japan
Receipt Date of Sample	:	May 26, 2004
Condition of EUT	:	Production prototype

(Not for Sale: This sample is equivalent to mass-produced items.)

2.2 Product Description

Model No: TN001 is Key of Intelligent Key System.

The Key of Intelligent Key System is a transmitter of 315MHz and a receiver of 125kHz. This 125kHz is transmitting from the controller of Intelligent Key System. For the controller, see the test report No.24IE0145-HO-3.

Equipment Type	:	Transceiver
Frequency of operation	:	315MHz
Type of modulation	:	FSK
Power Supply	:	DC 3V (Battery)

FCC 15.31 (e)

This test was performed with the New Battery (DC 3V) and the constant voltage was supplied to this EUT during the tests. Therefore, this EUT complies with the requirement.

FCC Part 15.203 Antenna requirement

The transmitting and receiving antenna of this EUT is installed on the board, which is unremovable. Therefore, this EUT complies with the requirement.

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SECTION 3: Test specification, procedures & results

3.1 Test Specification

Test Specification : FCC Part 15 Subpart C 2003
Title : FCC 47CFR Part15 Radio Frequency Device Subpart C Intentional Radiators
Section 15.231 Periodic operation in the band 40.66-40.70MHz
and above 70MHz

3.2 Procedures and results

1) FCC Part15 Subpart C : 2003

No.	Item	Test Procedure	Specification	Remarks	Worst margin	Result
1	Automatically deactivate	ANSI C63.4:2003	FCC Section 15.231(a)(1)	Radiated	N/A	Complied
2	Electric Field Strength of Fundamental Emission	ANSI C63.4:2003	FCC Section 15.231(b)	Radiated	5.1dB QP 315.023 MHz Horizontal	Complied
3	Electric Field Strength of Spurious Emission	ANSI C63.4:2003	FCC Section 15.205 FCC Section 15.209 FCC Section 15.231(b)	Radiated	5.8dB QP 945.054 MHz Horizontal	Complied
4	-20dB Bandwidth	ANSI C63.4:2003	FCC Section 15.231(c)	Radiated	N/A	Complied
5	Conducted Emission	ANSI C63.4:2003	FCC Section 15.207(a)	AC Mains only*1)	N/A	N/A

Note: UL Apex's EMI Work procedures No. QPM05

*1) This test is not applicable since the EUT does not have AC power port.

*These tests were performed without any deviations from test procedure except for additions or exclusions.

2) FCC Part15 Subpart B : 2003

No.	Item	Test Procedure	Specification	Remarks	Worst margin	Result
1	Radiated emission	ANSI C63.4:2003	FCC Section 15.109(a)	Radiated	2.4 dB QP 325.697 MHz Horizontal	Complied
2	Conducted Emission	ANSI C63.4:2003	FCC Section 15.107(a)	AC Mains only*1)	N/A	N/A

Note: UL Apex's EMI Work procedures No. QPM05

*1) This test is not applicable since the EUT does not have AC power port.

*These tests were performed without any deviations from test procedure except for additions or exclusions.

3.3 Addition to standards

No.	Item	Test Procedure	Specification	Remarks	Deviation	Worst margin	Results
1	99% Occupied Band Width	RSS210(issue 5): 2001 + Amendment:2002 + Amendment2:2003 + Amendment3:2004	RSS210(issue 5): 2001 + Amendment:2002 + Amendment2:2003 + Amendment3:2004	Conducted	N/A	N/A	N/A

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3.4 Confirmation

UL Apex Co., Ltd. hereby confirms that E.U.T., in the configuration tested, complies with the specifications FCC Part 15 Subpart C : 2003 Section 15.231 and FCC Part 15 Subpart B : 2003 Section 15.109(a).

3.5 Uncertainty

Radiated Emission Test

The measurement uncertainty (with a 95% confidence level) for this test using Biconical antenna is ± 4.5 dB.

The measurement uncertainty (with a 95% confidence level) for this test using Logperiodic antenna is ± 5.2 dB.

The measurement uncertainty (with a 95% confidence level) for this test using Horn Antenna is ± 6.6 dB.

The data listed in this report meets the limits unless the uncertainty is taken into consideration.

3.6 Test Location

UL Apex Co., Ltd. Head Office EMC Lab. *NVLAP Lab. code: 200572-0

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	Listed date (for FCC)	FCC Registration Number	IC Registration Number	Width x Depth x Height (m)	Size of reference ground plane(m) / horizontal conducting plane	Other rooms
No.1 semi-anechoic chamber	February 01, 2002	313583	IC4247	19.2 x 11.2 x 7.7m	7.0 x 6.0m	Preparation room
No.2 semi-anechoic chamber	June 05, 2002	846015	IC4247-2	7.5 x 5.8 x 5.2m	4.0 x 4.0m	-
No.3 shielded room	-	-	-	4.7 x 7.5 x 2.7m	4.7 x 7.5m	-
No.4 measurement room	-	-	-	3.1 x 5.0 x 2.7m	N/A	-

* Size of vertical conducting plane (for Conducted Emission test) : 2.0 x 2.0m for No.1 and No.2 semi-anechoic and No.3 shielded room.

3.7 Test set up, Test instruments and Data of EMI

Refer to APPENDIX 1 to 3.

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SECTION 4: Operation of E.U.T. during testing

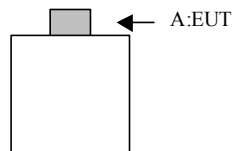
4.1 Operating Modes

The EUT was operated in a manner similar to typical use during the tests.

The mode is used : Transmitting mode and Receiving mode

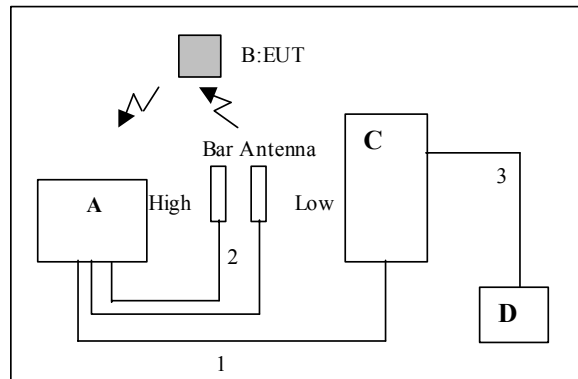
Justification: The system was configured in typical fashion (as a customer would normally use it) for testing.

4.2 Configuration and peripherals (Transmitting mode)



*Test data was taken under worse case conditions.

(Receiving mode)



*Cabling was taken into consideration and test data was taken under worse case conditions.

(for Transmitting mode)

Description of EUT and Support equipment

No	Item	Model number	Serial number	Manufacturer	Remark	FCC ID
A	Key of Intelligent Key System	TN001	1	Calsonic Kansei Corp.	EUT	KBRTN001

(for Receiving mode)

Description of EUT and Support equipment

No	Item	Model number	Serial number	Manufacturer	Remark	FCC ID
A	Controller of Intelligent Key System	RN001	1	Calsonic Kansei Corp.	-	KBRRN001
B	Key of Intelligent Key System	TN001	1	Calsonic Kansei Corp.	EUT	KBRTN001
C	Checker	-	-	Calsonic Kansei Corp.	-	-
D	Car Battery	40B19L	A030402	YUASA	-	-

List of cables used

No.	Name	Length (m)	Shield	Backshell Material
1	Signal and DC cable	1.0	N	Polyvinyl chloride
2	Antenna cable	1.0	N	Polyvinyl chloride
3	DC power supply	0.4	N	Polyvinyl chloride

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SECTION 5: Radiated emission (Fundamental and Spurious Emission)

5.1 Operating environment

Test place : No.1 semi anechoic chamber
Temperature : See data
Humidity : See data

5.2 Test configuration

EUT was placed on a platform of nominal size, 1m by 1.5m, raised 80cm above the conducting ground plane.
The EUT was set on the center of the tabletop.
Test was made with the antenna positioned in both the horizontal and vertical planes of polarization. The measurement antenna was varied in height above the conducting ground plane to obtain the maximum signal strength.
A drawing of the set up is shown in the photos of APPENDIX 1.

5.3 Test conditions

Frequency range : 30MHz-4000MHz
Test distance : 3m
EUT position : Tabletop
EUT operation mode : Transmitting and Receiving mode

5.4 Test procedure

The measuring antenna height varied between 1 and 4m and EUT was rotated a full revolution in order to obtain the maximum value of the electric field intensity.
The measurements were performed for both vertical and horizontal antenna polarization with the Test Receiver or the Spectrum Analyzer.

Frequency	Below 1GHz	Above 1GHz
Instrument used	Test Receiver	Spectrum Analyzer
IF Bandwidth	QP: BW 120kHz	PK: RBW:1MHz/VBW: 1MHz AV: RBW:1MHz/VBW:10Hz

- The carrier level (or, noise levels) was (or were) measured at each position of all three axes X, Y and Z, and the position that has the maximum noise was determined.
With the position, the noise levels of all the frequencies were measured.

5.5 Test result

Summary of the test results: Pass

Date: June 3 and 4, 2004

Tested by: Kenichi Adachi and Makoto Kosaka

APPENDIX 1: Photographs of test setup

Radiated emission(Worst case position) Transmitting mode

Front



Rear

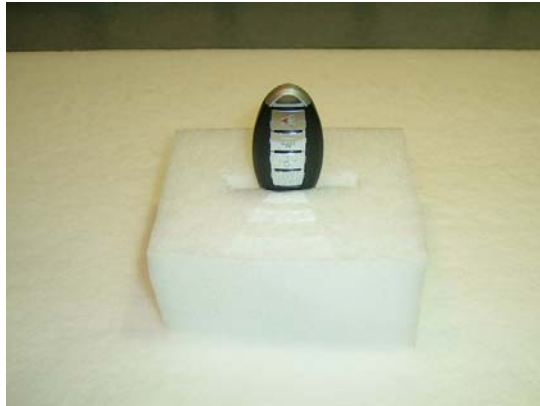


Worst Case Position (Horizontal : X-axis/ Vertical: X-axis)

X-axis



Y-axis

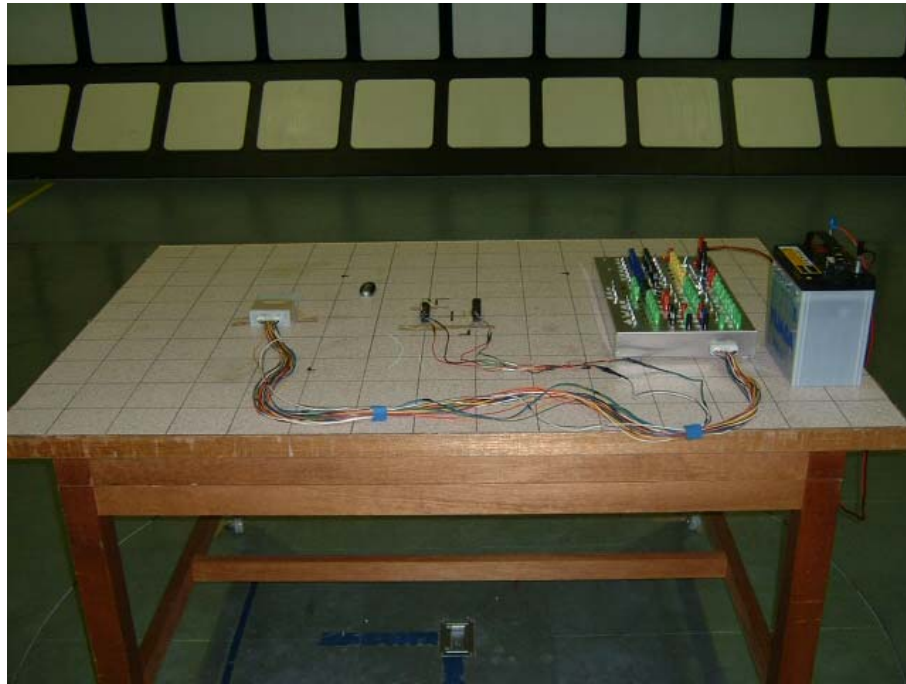


Z-axis

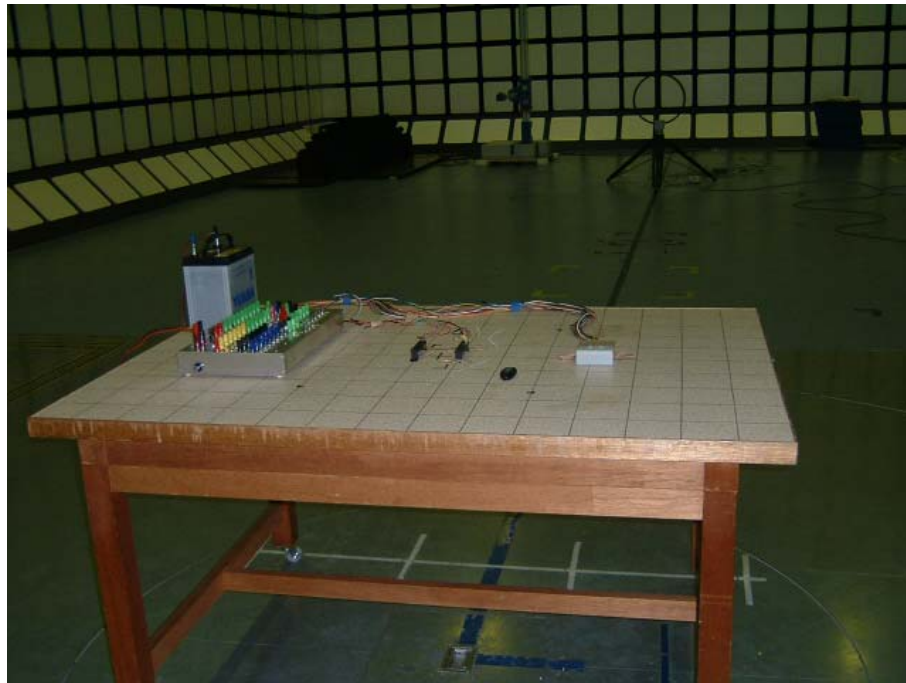


Radiated emission(Worst case position) Receiving mode

Front



Rear



APPENDIX 2:Test Instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MAEC-02	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2004/04/12 * 12
MTR-02	Test Receiver	Rohde & Schwarz	ESCS30	RE	2004/02/03 * 12
MAT-07	Attenuator(6dB)	Weinschel Corp	2	RE	2003/12/16 * 12
MBA-02	Biconical Antenna	Schwarzbeck	BBA9106	RE	2003/10/15 * 12
MLA-02	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2003/10/15 * 12
MHA-06	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2004/01/10 * 12
MPA-02	Pre Amplifier	Agilent	87405A	RE	2004/04/16 * 12
MPA-01	Pre Amplifier	Agilent	8449B	RE	2004/02/06 * 12
MCC-12	Coaxial Cable	Fujikura/Agilent	-	RE	2004/02/24 * 12
MCC-04	Microwave Cable	Storm	421-011	RE	2004/01/06 * 12
MCC-24	Microwave Cable	Storm	-	RE	2004/05/01 * 12
MRENT-06	Spectrum Analyzer	Advantest	R3273	RE	2004/05/28
MAEC-01	Anechoic Chamber	TDK	Semi Anechoic Chamber 10m	ME / RE	2003/12/27 * 12
MTR-01	Test Receiver	Rohde & Schwarz	ESI40	ME / RE	2003/11/12 * 12
MCC-03	Coaxial Cable	Fujikura/Suhner /Agilent/TSJ	-	ME	2003/12/24 * 12
MPA-04	Pre Amplifier	Agilent	8447D	ME / RE	2004/05/25 * 12
MCC-08	coaxial cable	-	-	ME	2004/01/26 * 12
MCC-07	coaxial cable	-	-	ME	2004/01/26 * 12
MCC-01	Coaxial Cable	Suhner/storm/Agilent/ TSJ	-	RE	2003/12/19 * 12
MAT-06	Attenuator(6dB)	Weinschel Corp	2	RE	2003/12/16 * 12
MBA-01	Biconical Antenna	Schwarzbeck	BBA9106	RE	2003/10/15 * 12
MLA-01	Logperiodic Antenna	Schwarzbeck	USLP9143	RE	2003/10/15 * 12
MCC-05	Microwave Cable	Storm	421-011	RE	2004/01/06 * 12
MPA-03	Microwave System Power Amplifier	Agilent	83050A	RE	2004/03/31 * 12
MCC-23	Microwave Cable	Storm	-	RE	2004/05/01 * 12
MHA-05	Horn Antenna	Schwarzbeck	BBHA9120D	RE	2004/01/10 * 12
MCB-02	Car Battery	YUASA	40B19L	ME / RE	Pre Check

All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

Test Item:

RE: Radiated emission, ME: Magnetic Radiated emission

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APPENDIX 3: Data of EMI test

Radiated Emission (Transmitting)

DATA OF RADIATED EMISSION TEST

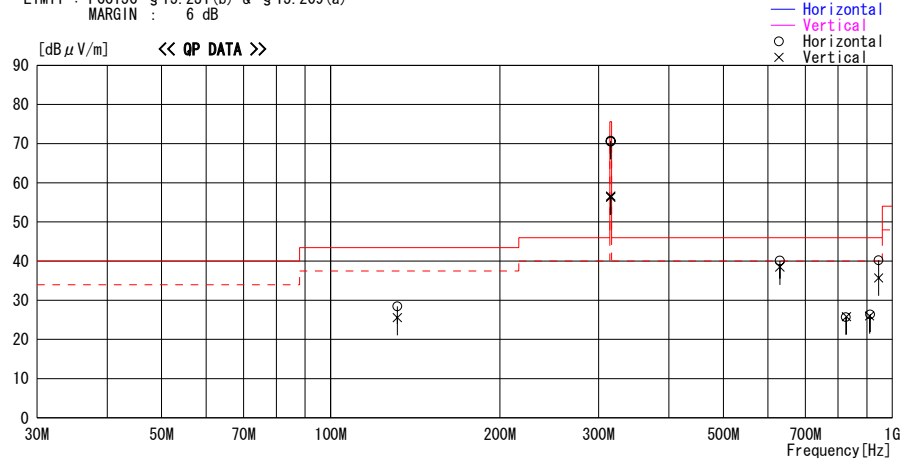
UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber

Applicant : CalsonicKansei Corp.
Kind of EUT : Key Less Entry
Model No. : TN001
Sample No. : No.1

Report No. : 24IE0145-HO
Power : DC 3.0V (battery)
Temp°C/Humi% : 25deg.C / 53%
Operator : Makoto Kosaka

Mode / Remarks : Continuation Tx X_Axis

LIMIT : FCC15C § 15.231(b) & § 15.209(a)
MARGIN : 6 dB



No.	FREQ [MHz]	READING QP [dB μ V]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dB μ V/m]	LIMIT [dB μ V/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	131.388	30.4	13.6	7.4	22.9	28.5	43.5	15.0	154	0
2	315.023	70.4	14.6	8.4	22.9	70.5	75.6	5.1	100	359
3	630.040	33.1	19.8	9.9	22.7	40.1	46.0	5.9	141	360
4	826.409	16.2	21.5	10.6	22.6	25.7	46.0	20.3	100	145
5	912.511	16.4	21.6	11.0	22.6	26.4	46.0	19.6	100	359
6	945.054	29.6	22.2	11.0	22.6	40.2	46.0	5.8	100	359
7	315.023	70.6	14.6	8.4	22.9	70.7	75.6	4.9	100	359
----- Vertical -----										
8	131.388	27.5	13.6	7.4	22.9	25.6	43.5	17.9	288	0
9	315.023	56.2	14.6	8.4	22.9	56.3	75.6	19.3	178	125
10	630.040	31.5	19.8	9.9	22.7	38.5	46.0	7.5	100	306
11	828.509	16.3	21.5	10.6	22.6	25.8	46.0	20.2	100	0
12	910.411	16.2	21.5	10.9	22.6	26.0	46.0	20.0	100	0
13	945.054	25.1	22.2	11.0	22.6	35.7	46.0	10.3	100	357
14	315.023	56.5	14.6	8.4	22.9	56.6	75.6	19.0	178	125

*No.7 and No.14 are the Peak data.

CHART: WITH FACTOR ANT TYPE : 30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN

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DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2004/05/28 15:15:11

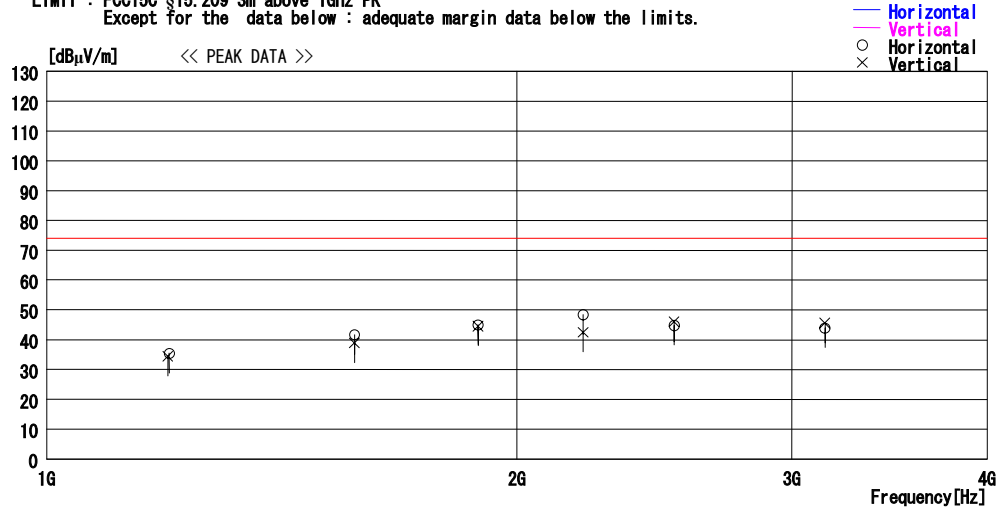
Applicant : CalsonicKansei Corp.
Kind of EUT : Key of Intelligent Key System
Model No. : TN001
Sample No. : No.1

Report No. : 24IE0145-HO
Power : DC 3.0V (battery)
Temp°C/Humi% : 25deg.C / 53%
Operator : Makoto Kosaka

Mode / Remarks : Continuation Tx X_Axis

LIMIT : FCC15C §15.209 3m above 1GHz PK

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



No.	FREQ [MHz]	READING PK [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
Horizontal										
1	1197.996	44.9	23.0	4.4	36.9	35.4	74.0	38.6	100	100
2	1574.188	48.2	25.0	5.0	36.5	41.7	74.0	32.3	100	100
3	1888.781	47.0	28.8	5.6	36.4	45.0	74.0	29.0	100	100
4	2205.574	48.0	30.5	6.2	36.3	48.4	74.0	25.6	100	100
5	2522.367	43.4	31.1	6.6	36.3	44.8	74.0	29.2	100	100
6	3150.220	40.9	32.0	7.4	36.4	43.9	74.0	30.1	100	100
Vertical										
7	1195.796	44.0	23.0	4.4	36.9	34.5	74.0	39.5	100	100
8	1574.188	45.4	25.0	5.0	36.5	38.9	74.0	35.1	100	100
9	1888.781	46.5	28.8	5.6	36.4	44.5	74.0	29.5	100	100
10	2205.574	42.1	30.5	6.2	36.3	42.5	74.0	31.5	100	100
11	2522.367	44.6	31.1	6.6	36.3	46.0	74.0	28.0	100	100
12	3150.220	42.6	32.0	7.4	36.4	45.6	74.0	28.4	100	100

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN Page:

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DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2004/05/28 15:15:11

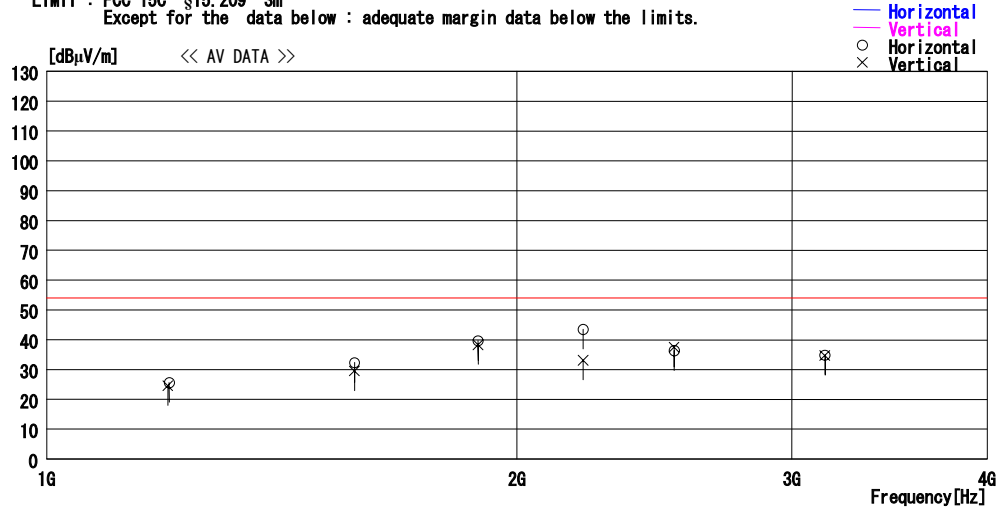
Applicant : CalsonicKansei Corp.
Kind of EUT : Key of Intelligent Key System
Model No. : TN001
Sample No. : No.1

Report No. : 24IE0145-HO
Power : DC 3.0V (battery)
Temp°C/Humi% : 25deg.C / 53%
Operator : Makoto Kosaka

Mode / Remarks : Continuation Tx X_Axis

LIMIT : FCC 15C §15.209 3m

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



No.	FREQ [MHz]	READING AV [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
Horizontal										
1	1197.996	35.1	23.0	4.4	36.9	25.6	54.0	28.4	100	100
2	1574.188	38.8	25.0	5.0	36.5	32.3	54.0	21.7	100	100
3	1888.781	41.7	28.8	5.6	36.4	39.7	54.0	14.3	100	100
4	2205.574	43.1	30.5	6.2	36.3	43.5	54.0	10.5	100	100
5	2522.367	34.9	31.1	6.6	36.3	36.3	54.0	17.7	100	100
6	3150.220	31.9	32.0	7.4	36.4	34.9	54.0	19.1	100	100
Vertical										
7	1195.796	34.1	23.0	4.4	36.9	24.6	54.0	29.4	100	100
8	1574.188	36.0	25.0	5.0	36.5	29.5	54.0	24.5	100	100
9	1888.781	40.3	28.8	5.6	36.4	38.3	54.0	15.7	100	100
10	2205.574	32.7	30.5	6.2	36.3	33.1	54.0	20.9	100	100
11	2522.367	36.1	31.1	6.6	36.3	37.5	54.0	16.5	100	100
12	3150.220	31.7	32.0	7.4	36.4	34.7	54.0	19.3	100	100

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN Page:

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Radiated Emission (TN001 Receiving)
DATA OF RADIATED EMISSION TEST

UL Apex Co., Ltd. Head Office EMC Lab. No.1 Semi Anechoic Chamber
Date : 2004/06/04 02:00:13

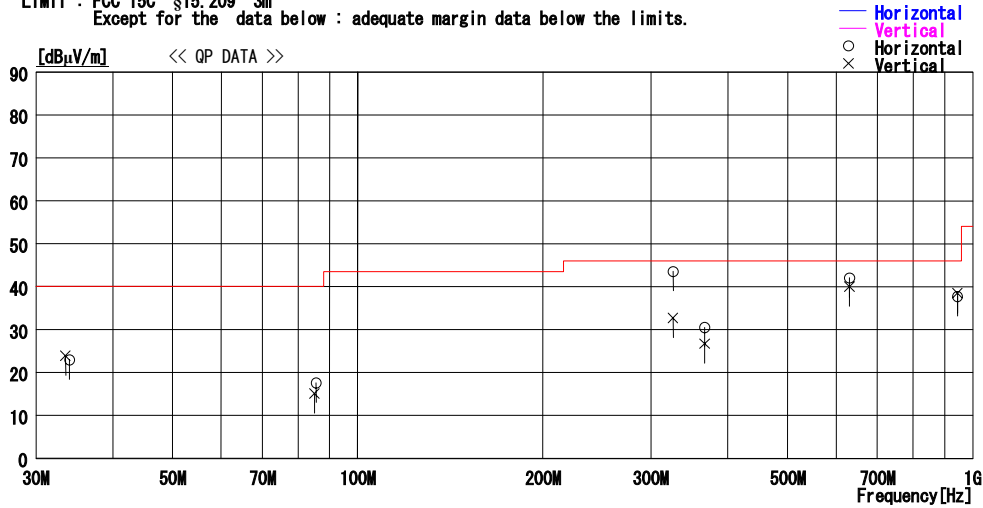
Applicant : Calsonic Kansei Corp.
Kind of EUT : Key of Intelligent Key System
Model No. : RN001, TN001
Sample No. : No.1

Report No. : 24IE0145-HO
Power : DC 12V, DC 3.0V
Temp./Humi. : 25 deg.C / 46 %
Operator : Kenichi Adachi

Mode / Remarks : Tx:125kHz, Rx, Tx_AntennaGain_High_and_Low, X_Axis,

LIMIT : FCC 15C §15.209 3m

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



No.	FREQ [MHz]	READING QP [dBμV]	ANT FACTOR [dB/m]	LOSS [dB]	GAIN [dB]	RESULT [dBμV/m]	LIMIT [dBμV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
Horizontal										
1	33.982	26.6	16.9	7.2	27.8	22.9	40.0	17.1	329	359
2	85.619	30.5	7.1	7.8	27.8	17.6	40.0	22.4	205	181
3	325.697	45.8	15.3	10.0	27.5	43.6	46.0	2.4	100	148
4	366.404	30.5	16.9	10.6	27.5	30.5	46.0	15.5	100	297
5	629.918	39.2	19.7	12.0	28.8	42.1	46.0	3.9	137	275
6	944.885	31.0	22.1	13.2	28.6	37.7	46.0	8.3	277	280
Vertical										
7	33.486	27.4	17.1	7.2	27.8	23.9	40.0	16.1	100	107
8	85.112	28.1	7.0	7.8	27.8	15.1	40.0	24.9	168	90
9	325.693	34.9	15.3	10.0	27.5	32.7	46.0	13.3	100	347
10	366.409	26.7	16.9	10.6	27.5	26.7	46.0	19.3	286	359
11	630.031	37.1	19.7	12.0	28.8	40.0	46.0	6.0	100	236
12	944.898	31.8	22.1	13.2	28.6	38.5	46.0	7.5	100	239

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP 30-300MHz BICONICAL 300MHz-1000MHz LOGPERIODIC 1000MHz- HORN
CALCULATION : READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - AMP. GAIN Page:

-20dB Bandwidth

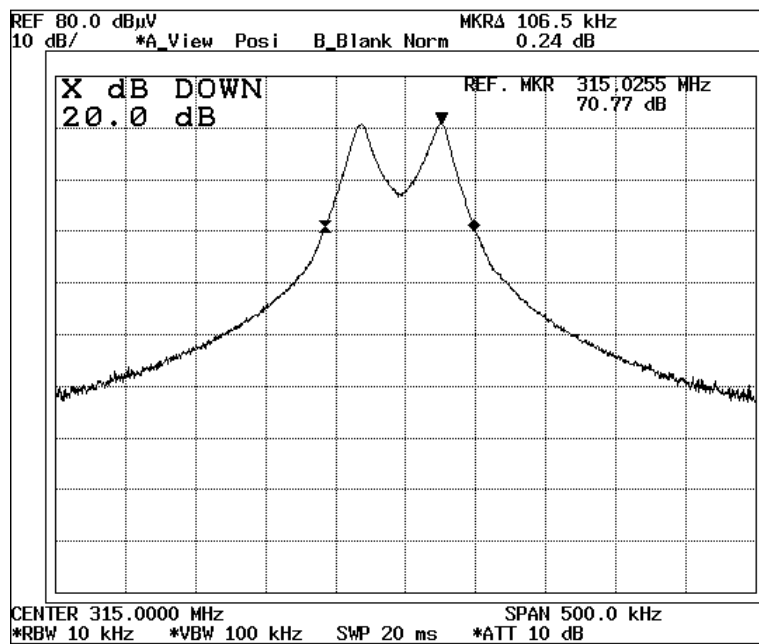
UL Apex Co., Ltd.
No.2 SEMI ANECHOIC CHAMBER

COMPANY : Calsonic Kansei Corporation
EQUIPMENT : Key of Intelligent Key System
MODEL : TN001
S/ N : No.1
POWER : DC 3V
MODE : Transmitting 315MHz

REPORT NO : 24IE0145-HO
REGULATION : FCC 15.231(c)
TEST DISTANCE : 3m
DATE : 05/28/2004
TEMPERATURE : 25 deg. C
HUMIDITY : 53%

ENGINEER : Makoto Kosaka

FREQ [MHz]	-20dB Bandwidth [kHz]
315.0	106.50



99% Occpied Bandwidth

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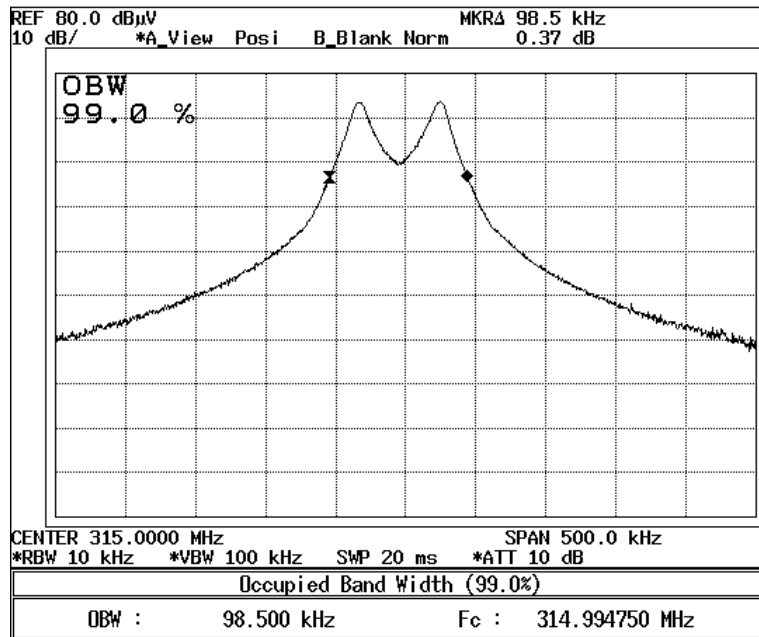
No.2 SEMI ANECHOIC CHAMBER

COMPANY : Calsonic Kansei Corpration
EQUIPMENT : Key of Intelligent Key System
MODEL : TN001
S/ N : No.1
POWER : DC 3V
MODE : Transmitting 315MHz

REPORT NO : 24IE0145-HO
REGULATION : RSS210
TEST DISTANCE : 3m
DATE : 05/28/2004
TEMPERATURE : 25 deg. C
HUMIDITY : 53%

ENGINEER : Makoto Kosaka

FREQ [MHz]	99% Occpied Bandwidth [kHz]
315.0	98.50



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MF060b(10.04.03)

Automatically deactivate

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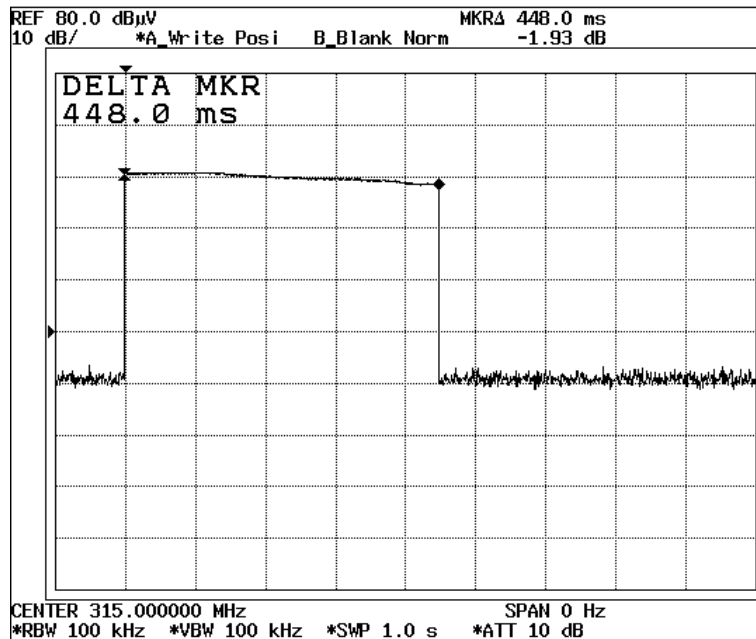
No.2 SEMI ANECHOIC CHAMBER

COMPANY : Calsonic Kansei Corporation
EQUIPMENT : Key of Intelligent Key System
MODEL : TN001
S/ N : No.1
POWER : DC 3V
MODE : Transmitting 315MHz

REPORT NO : 24IE0145-HO
REGULATION : FCC15.231(a)(1)
TEST DISTANCE : 10m
DATE : 05/28/2004
TEMPERATURE : 25 deg. C
HUMIDITY : 53%

ENGINEER : Makoto Kosaka

Time of Transmitting [sec]	Limit [sec]	Result
0.448	5.00	Pass



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