

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.3 Semi-Anechoic Chamber
Date : 2010/06/20

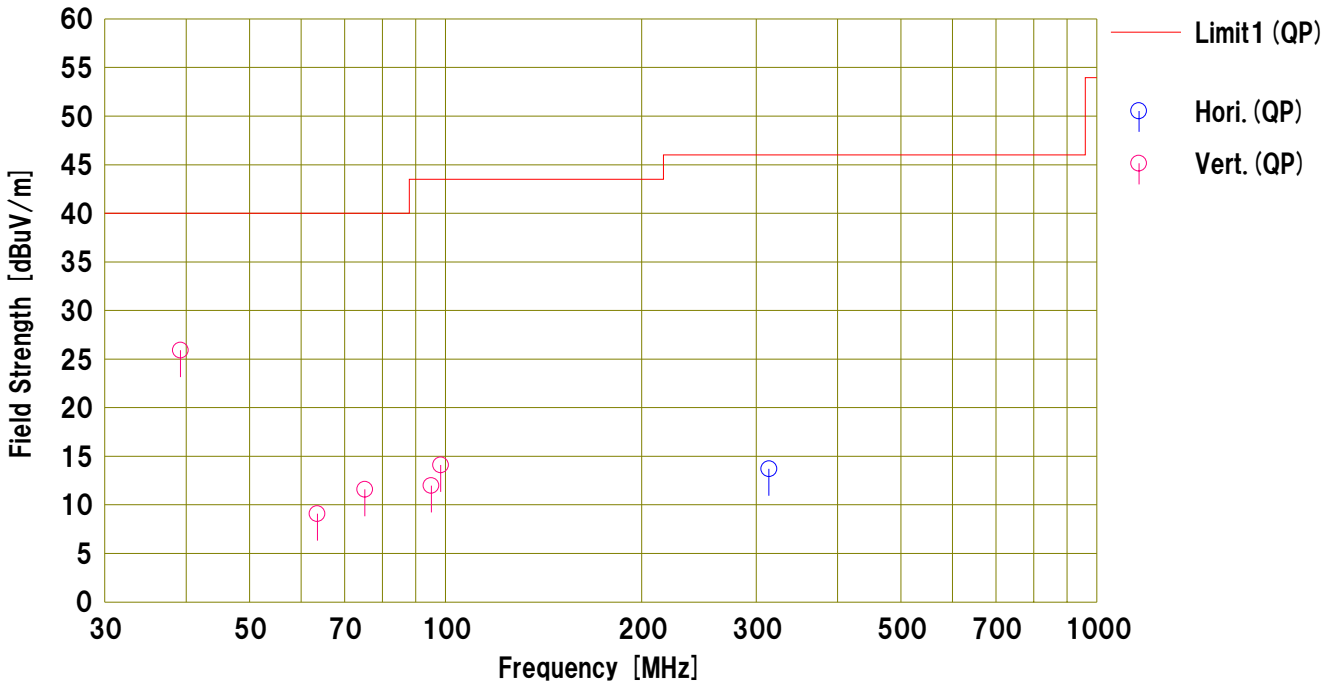
Company : Honda Lock Mfg. Co., Ltd.
Kind of EUT : Integrate Immobilizer System with RKE
Model No. : HLIKN-1R
Serial No. : 001

Mode : Transmitting
Report No. : 30IE0136-SH-02-B
Power : DC12V
Temp./Humi. : 26deg.C / 53%

Remarks : EUT:X

Limit1 : FCC 15B Class B (3m)

Engineer : Tatsuya Arai



No.	Freq. [MHz]	Reading	Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result	Limit	Margin	Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		<QP> [dBuV]				<QP> [dBuV/m]	<QP> [dB]						
1	313.850	22.9	14.2	8.5	31.9	13.7	46.0	32.3	Hori.	150	313	LP	
2	39.198	36.4	15.0	6.6	32.1	25.9	40.0	14.1	Vert.	100	297	BC	
3	63.547	27.0	7.3	6.9	32.1	9.1	40.0	30.9	Vert.	100	79	BC	
4	75.170	30.2	6.5	7.0	32.1	11.6	40.0	28.4	Vert.	100	334	BC	
5	95.105	27.7	9.2	7.2	32.1	12.0	43.5	31.5	Vert.	100	291	BC	
6	98.332	29.1	9.9	7.2	32.1	14.1	43.5	29.4	Vert.	100	317	BC	

DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Shonan EMC Lab. No.3 Semi-Anechoic Chamber
Date : 2010/06/21

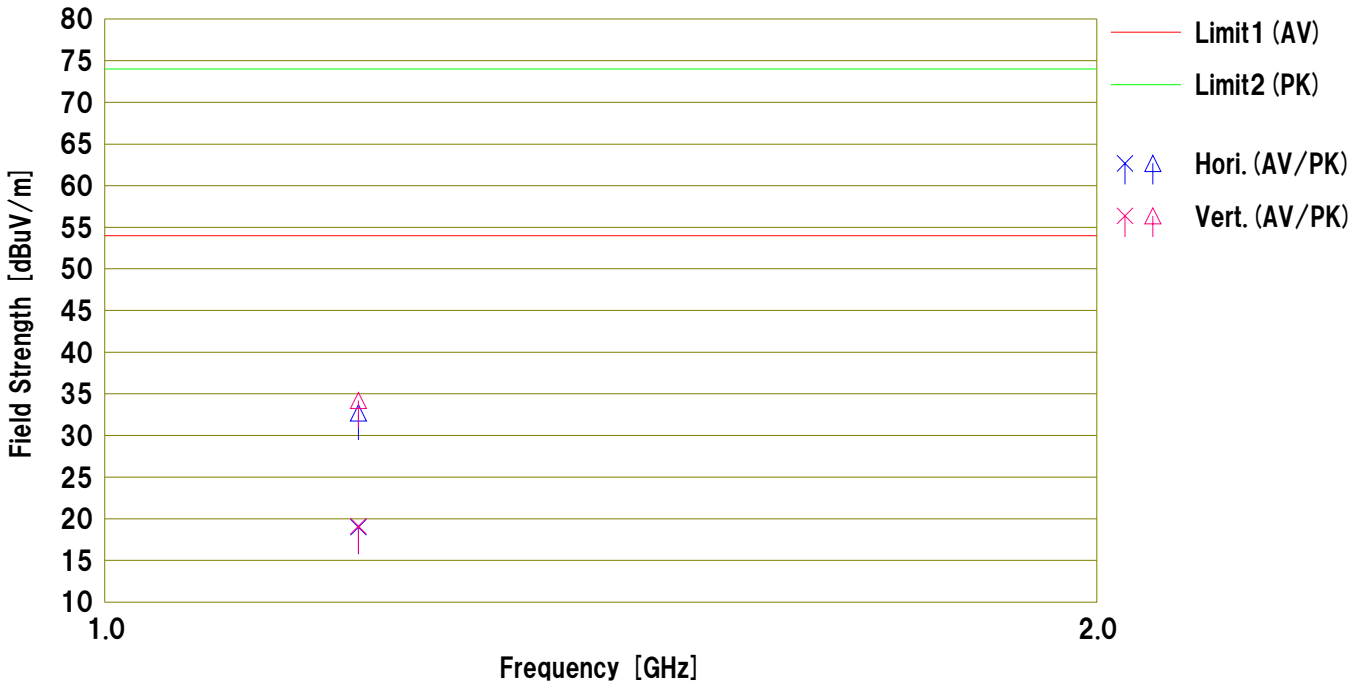
Company : Honda Lock Mfg. Co., Ltd.
Kind of EUT : Integrate Immobilizer System with RKE
Model No. : HLIKN-1R
Serial No. : 001

Mode : Transmitting
Report No. : 30IE0136-SH-02-B
Power : DC12V
Temp./Humi. : 25deg.C / 58%

Remarks : EUT:X

Limit1 : FCC15B_109
Limit2 : FCC15B_109

Engineer : Tatsuya Arai



No.	Freq. [MHz]	Reading		Ant.Fac [dB/m]	Loss [dB]	Gain [dB]	Result		Limit		Margin		Pola. [H/V]	Height [cm]	Angle [deg]	Ant. Type	Comment
		<AV> [dBuV]	<PK> [dBuV]				<AV> [dBuV/m]	<PK> [dBuV/m]	<AV> [dBuV/m]	<PK> [dBuV/m]	<AV> [dB]	<PK> [dB]					
1	1255.400	32.2	45.9	24.4	2.4	40.0	19.0	32.7	54.0	74.0	35.0	41.3	Hori.	100	0	SHA03	
2	1255.400	32.3	47.4	24.4	2.4	40.0	19.1	34.2	54.0	74.0	34.9	39.8	Vert.	100	0	SHA03	

APPENDIX 3 Test Instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Serial No	Test Item	Calibration Date * Interval(month)
SAF-03	Pre Amplifier	SONOMA	310N	290213	RE	2010/02/06 * 12
SAT6-03	Attenuator	JFW	50HF-006N	-	RE	2010/02/06 * 12
SBA-03	Biconical Antenna	Schwarzbeck	BBA9106	91032666	RE	2010/03/22 * 12
SCC-C1/C2/C3/C4/C5/C10/SRSE-03	Coaxial Cable&RF Selector	Fujikura/Fujikura/Suhner/Suhner/Suhner/Suhner/TOYO	8D2W/12DSFA/141PE/141PE/141PE/141PE/NS4906	-/0901-271(RF Selector)	RE	2010/04/02 * 12
SLA-03	Logperiodic Antenna	Schwarzbeck	UHALP9108A	UHALP 9108-A 0901	RE	2010/03/22 * 12
SOS-05	Humidity Indicator	A&D	AD-5681	4062518	RE	2010/02/09 * 12
STR-03	Test Receiver	Rohde & Schwarz	ESI40	100054/040	RE	2010/04/12 * 24
SJM-10	Measure	PROMART	SEN1935	-	RE	-
SAEC-03(NSA)	Semi-Anechoic Chamber	TDK	SAEC-03(NSA)	3	RE	2009/09/18 * 12
COTS-SEMI-1	EMI Software	TSJ	TEPTO-DV	-	RE	-
SAF-06	Pre Amplifier	TOYO Corporation	TPA0118-36	1440491	RE	2010/03/09 * 12
SCC-G03	Coaxial Cable	Suhner	SUCOFLEX 104A	46499/4A	RE	2010/04/16 * 12
SCC-G23	Coaxial Cable	Suhner	SUCOFLEX 104	297342/4	RE	2010/05/27 * 12
SHA-03	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-739	RE	2009/08/23 * 12

The expiration date of the calibration is the end of the expired month .

As for some calibrations performed after the tested dates , those test equipment have been controlled by means of an unbroken chains of calibrations .

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

Test Item :

RE: Radiated emission ,