

4. Measurement Data

- Resolution Bandwidth : Peak (3dB Bandwidth : 100kHz for 1GHz below)
Peak (3dB Bandwidth : 300kHz for 1GHz over)
- Measurement Distance : 3 Meter

Frequency (MHz)	* D.M.	* A.P.	Measured Value (dB μ V)	* A.F. + C.L. (dB)	* A.G. (dB)	* D.C.F. (dB)	Emission Level		Limit (μ V/m)	** Margin (dB)
							(dB μ V/m)	(μ V/m)		
303.2	P	H	49.2	21.4	-30.0	-	40.6	107.2	200	-5.4
606.4	P	H/V	*** <32.0	29.6	-30.0	-	<31.6	<38.0	200	<-14.4
909.6	P	H/V	*** <32.0	35.1	-30.0	-	<37.1	<71.6	200	<-8.9
1212.8	P	H/V	*** <32.0	31.6	-30.0	-	<33.6	<47.9	500	<-20.4
1516.0	P	H/V	*** <32.0	33.3	-30.0	-	<35.3	<58.2	500	<-18.7
-	-	-	-	-	-	-	-	-	-	-

Note

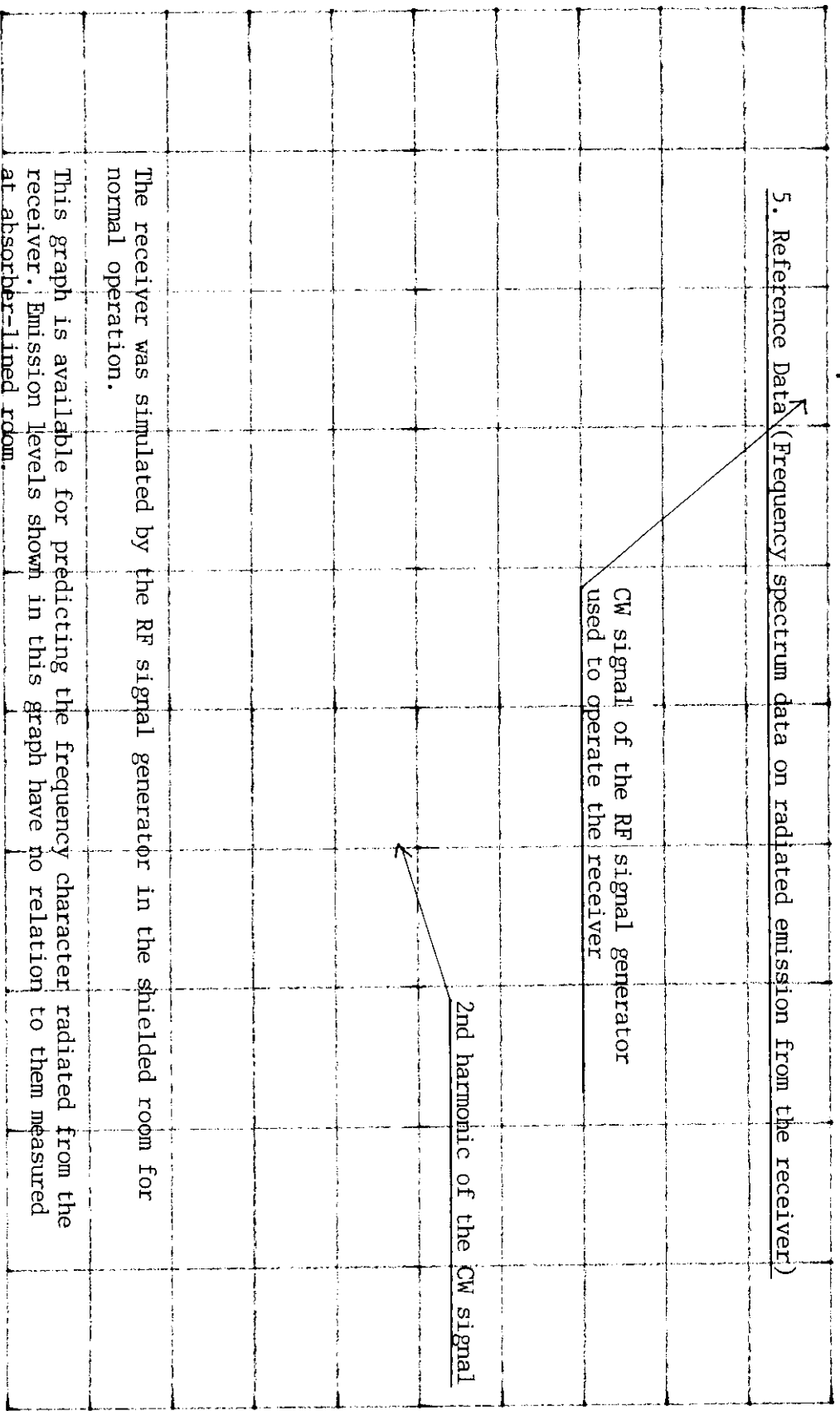
- * D.M. : Detect Mode (P : Peak, Q : Quasi-Peak, A : Average)
 A.P. : Antenna Polarization (H : Horizontal, V : Vertical)
 A.F. : Antenna Factor
 C.L. : Cable Loss
 A.G. : Amplifier Gain
 D.C.F. : Distance Correction Factor

** Margin (dB) = Emission Level (dB) - Limit (dB)

*** < means less than. The observed spectrum analyzer noise floor levels with RF preamplifier were 32.0 dB μ V/m. And Refer to frequency spectrum data on radiated emission from the receiver in next page.

*ATTEN 10dB

RL 107.00dBμV 10dB/



START 30.0MHz

STOP 1.0000GHz

*RBW 100kHz

*VBW 300kHz

*SWP 1.0sec

IV. TEST EQUIPMENT USED FOR MEASUREMENTS

<u>Equipment</u>	<u>Model No.</u>	<u>Manufacturer</u>	<u>Serial No.</u>	<u>Effective Cal. Duration</u>
[x] EMI Receiver (20MHz-1GHz)	ESVS30	R & S	830516/002	07/04/97-07/04/98
[x] Spectrum Analyzer (9kHz-26.5GHz)	8563A	H. P.	3222A02069	01/30/98-01/30/99
[] Spectrum Analyzer (100Hz-22GHz)	8566B	H. P.	3014A07057	05/29/98-05/29/99
[] Quasi-Peak Adapter (10kHz-1GHz)	85650A	H. P.	3107A01511	05/29/98-05/29/99
[] RF-Preselector (20Hz-2GHz)	85685A	H. P.	3010A01181	05/29/98-05/29/99
[] Test Receiver (9kHz-30MHz)	ESH3	R & S	860905/001	07/04/96-07/04/98
[x] Pre-Amplifier (0.1-3000MHz, 30dB)	8347A	H. P.	2834A00543	05/29/98-05/29/99
[] Pre-Amplifier (1-26.5GHz, 35dB)	8449B	H. P.	3008A00302	06/30/97-06/30/98
[] LISN(50Ω, 50μH) (10kHz-100MHz)	3825/2	EMCO	9010-1710	-
[] LISN(50Ω, 50μH) (10kHz-100MHz)	3825/2	EMCO	9011-1720	-
[x] Plotter	7470A	H. P.	3104A21292	-
[x] Tuned Dipole Ant. (30MHz-300MHz)	VHA 9103	Schwarzbeck	-	*
[x] Tuned Dipole Ant. (300MHz-1GHz)	UHA 9105	Schwarzbeck	-	*
[x] Biconical Ant. (30MHz-300MHz)	BBA9106	Schwarzbeck	-	*
[x] Log Periodic Ant. (200MHz-1GHz)	3146	EMCO	-	*
[x] Horn Ant. (1GHz-18GHz)	3115	EMCO	-	*
[x] Signal Generator (10MHz-20GHz)	83620A	H.P.	3250A01653	06/30/97-06/30/98
[x] DC Power Supply	6260B	H.P.	1145A04822	-
[] Shielded Room (5.0m x 4.5m)	SIN-MYUNG	-	-	-

* Each set of antennas has been calibrated to ensure correlation with ANSI C63.5 standard.
The calibration of antennas is traceable to Korea Standard Research Institute(KSRI).

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Date : June 16, 1998

Statement for Section 15.37 of the Rules

- Equipment : Superregenerative Receiver (Car Alarm)
- FCC ID. : HH8-THORN55-RX

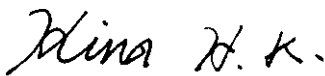
Concerning the FCC Part 15, section 15.37 transition provision, we, Dong Yang Security Electronics Co. hereby confirm above referenced device as follows.

This device(Superregenerative Receiver) subject to the regulations in FCC Part 15 that are manufactured on or after June 23, 1999 complies with new rules adopted under Docket 87-389.

This Device is not associated with a transmitter that could not have been authorized under regulations in effect prior to June 23, 1989. e.q., a transmitter operating under the provisions of section 15.209 or section 15.249 (below 960MHz).

This device is not scanning receivers or frequency converters designed or marketed for use with scanning receivers.

Best Regards



Hong-Gu Kim, President

Dong Yang Security Electronics Co.