## 5. AC Line Conducted Tests

AC powerline conducted emissions tests are done in compliance with FCC rules, Parts 15, subparts B and C, and with ANSI C63.4-2003. These tests can be done in the semi-anechoic chamber, and the configurations for these tests are shown in Fig.5-1.

A vertical conducting surface and non-conductive table are used for tabletop EUT shown before (report December 21,1998).

Two line impedance stabilization network (LISN) are used for making the AC line conducted tests.

Photographs of AC line conducted tests are shown before (report December 21,1998).

## 6. Measurement Facilities

Measurement facilities available for the tests of the radiated and AC line conducted are listed in Table 6-1.

Measurement facilities were calibrated 1 year interval.

		1	1	1	1	
No	Type of Instrument	Model	Manufac- ture	Serial No.	Calibration Organization	Calibration Interval
						(Note 1)
1	Spectrum Analyzer	R3361C	ADVAN- TEST	51730274	ADVANTEST	1Y
2	Test Receiver	ESVS10	R & S	841431/007	TOYO Corporation	1Y
3	Biconical Antenna	BBA 9106	Schwarz- beck	NON	Kyoritsu Technical Service	3Ү
4	Logperiodic Antenna	UHALP 9107	Schwarz- beck	NON	Kyoritsu Technical Service	3Ү
5	Dipole Antenna	KBA-511A	Kyoritsu EW	0-195-14	Kyoritsu Technical Service	3Ү
6	Dipole Antenna	KBA-611	Kyoritsu EW	0-196-03	Kyoritsu Technical Service	3Ү
7	Test Receiver	ESHS-10	R & S	841419/002	TOYO Corporation	1Y
8	LISN	KNW-408	Kyoritsu EW	8-1402-3	Kyoritsu Technical Service	1Y
9	LISN	KNW-244C	Kyoritsu EW	8-1228-6	Kyoritsu Technical Service	1Y
10	Band pass Filter	TR14202	ADVAN- TEST	33560027	ADVANTEST	1Y
11	Pulse Limitter	ESH3-Z2	R & S	357.8810.01	TOYO Corporation	1Y

Note 1:1Y....Within 1 year , 3Y.... Within 3 year

## 7. Conclusion

The measured site attenuation data with broadband antennas show that they are within  $\pm 4$ dB tolerance compared with theoretical NSA limits.

Sanyo Testing Laboratory Co., Ltd. is available for contact works of RFI/EMC measurements.