

Report on Korean EMC Workshop

International Relations Subcommittee

1 . Reported period:

October 18, 2006 (Wed.) ~ October 21 (Sat)

2 . Purpose:

- To hold EMC Workshop as public relation activities of VCCI in Korea
- To visit EMC test site in Korea and to exchange opinions related to EMC

3 . Contents:

EMC Workshop sponsored by VCCI

Date: October 20 (Fri), 13:00 to 17:15

Place: KINTEX (Korea International Exhibition Center)

Participants: Total 18 persons

Contents of the lecture are as below:

Opening address and introduction of VCCI	Nagasawa / VCCI Managing Director
VCCI market sampling test	Mizuno / Chairman of Market Sampling Test Subcommittee (RICOH)
Electrical Appliance and Material Safety Law	Shibata / Chairman of International Relations Subcommittee (PANASONIC)
Radio Law and Telecommunications Business Law	Taji / International Relations Subcommittee (CASIO COMPUTER)
Industrial Association Guidelines 1 (IT equipment)	Matsuno / International Relations Subcommittee (HITACHI IT)
Industrial Association Guidelines 2 (Other equip.)	Mizuno / International Relations Subcommittee (RICOH)
EMI measurement and simulation	Yamane / Chairman of Education Subcommittee (NTT EAST)

< Q&A Session >

Q: Is bilog antenna allowed to use?

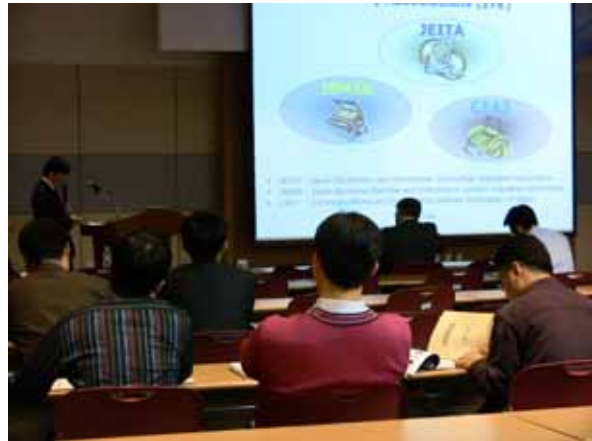
A: It is not recommended for 3m method because the difference depending on feeding point is larger than the measurement distance. (Facility can be registered with notice.) In 10m method, no problem is considered.

Q: When registering the measurement facility for conducted disturbance at communication port, where do we calibrate the instruments (ISN, etc.)?

A: You can measure it at your company. VCCI does not regulate the conducted disturbance at communication port, however, we accept the facility registration for communication port.

Q: We have been measuring conducted disturbance on an 80cm desk until now. Is it changed to measure on 40cm desk?

A: The measurement method is the same. Use 40cm desk for horizontal plane and 80cm desk for vertical plane.



(2) Visit to IST (International Standard Technology)

Date: October 19 (Thu.) 11 : 00 to 14 : 30

Place: Yongin-si (approx. 35km south from Seoul)

Visited to: Mr. Gill Chung, President

Mr. Sung-Jung Cho, Manager, EMC Div.

Mr. Brad, Hwang, General Manager, Safety Div.

< Outline >

IST is a testing organization on EMC and safety established in September 1999. It is a membership corporation of VCCI, authorized by KOLAS and holds certification of TCB of FCC and CBTL of SEMKO. It is also certified as CAP (Client Agent Program) of UL and entered into an agreement with KTL.

Their main objects of testing are IT equipment and AV equipment, and carry out the test and certify it for each step from product development to distribution in the market. As the EMC test equipments, they have four open sites, three small chambers and four shielded rooms. Other than EMC measurement they can perform the test and evaluation related to ergonomics. IST is composed of 18 engineers for EMC, 13 engineers related to electrical safety, 13 persons for sales and coordination and planning, 5 persons for general affairs and accounting. Their impression is a testing organization with well-arranged testing facilities.

As they told us that they would perform EMC quality control of mass production goods, we asked them the specific contents of their activities, and had a reply that they would perform full test related to EMC for any product sampled from mass production line according to the request of their client. They explained that they were carrying out certification test of PLC, so we introduced that Japanese PLC was certified on 4, October, and UWB in 1, August. They told us that their PLC was certified in this July to August.

