

English



VCCI Council
<http://www.vcci.jp>

VCCI ANNUAL REPORT 2015



VCCI Council

VCCI Council

The purpose of this corporation is to promote, in cooperation with related industries, the voluntary control of radio disturbances emitted from ITE on the one hand, and improvement of robustness of ITE against radio disturbances on the other hand, so that the interest of Japanese consumers are protected with respect to anxiety-free use of ITE.

Description

- | | |
|---|--|
| <p>1 Formulate basic policies on voluntary control of electromagnetic disturbances emitted by ITE</p> <p>2 Coordinate the interest of member organizations and liaise with government and related agencies</p> <p>3 Receive and file Conformity verification report with voluntary control standards and issue reception acknowledgement in return</p> <p>4 Carry out market surveillance (with sampling test commissioned to third party testing laboratories)</p> <p>5 Regularly review the suitability of the Technical Requirements for necessary revisions by research and experiments and share the results with members</p> | <p>6 Hold measurement skills courses to prepare members engineers for adequate conformity assessment</p> <p>7 Study trends in overseas EMC regulations and seek opportunities for mutual recognition agreement.</p> <p>8 Examine credentials of measurement laboratories and facilities based on the measurement facilities registration system</p> <p>9 Do PR activities for general consumers and reach out to potential companies and associations for encouraging them to join VCCI</p> <p>10 Administer other programs for effective operations of the voluntary control</p> |
|---|--|

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Greetings



President of VCCI
Keiichi Kawakami

Dear VCCI members,

I appreciate your cordial cooperation with VCCI activities. Here in what follows I present VCCI 2015 annual report for your reference.

The Japanese economy is recovering from the adjustment phase as indicated by major indexes and getting again on the trend of economic growth owing to the effects of so-called Abenomics which has brought about monetary relaxation and correction of high Yen exchange rates.

Turning our eyes to the world economic situations, however, we cannot be so optimistic about them due to many factors including the slowing down economic growth in China and the instability of oil prices among others. The Information Technology industry which is the field VCCI serves is facing with an innovative phase in the rapidly changing managerial environment brought about by CPS (Cyber Physical System) and IoT (Internet of Things) among other things.

Under such managerial environment VCCI has steadily been serving consumers in Japan by protecting their interest in using electric and electronic equipment without being disturbed by noises emitted by nearby information technology equipment. Under the circumstances VCCI celebrated its 30th anniversary on December 2015. I wish to express my deep appreciation for the unflinching support of related government offices, industry associations and VCCI members.

The benchmark of the VCCI program is in the reliability of the VCCI mark. The scheme how it is maintained is that VCCI members are required to sustain the three pillars of the program made of filing of conformity evidence, self-declaration of conformity and cooperation with VCCI if own product is sampled in the market for testing by VCCI. Statistics say the test passing rate has been high enough for us to keep this program going in Japan.

Fiscal year 2015 will be remembered as an epoch making year in that CISPR 22 for ITE will be replaced with CISPR 32 for Multimedia Equipment inclusive of ITE in Japan as recommended by the Information Communication Council of the Ministry of Internal Affairs and Communications (MIC in short) which has been validating the applicability in Japan of CISPR 32 Ed.2 released in March 2015.

Under the circumstances VCCI is committed to change its emission control scheme to the one based on CISPR 32. In parallel with MIC's technical validation of the standard as a new Japanese norm to be completed within this fiscal year, a special taskforce established under the VCCI steering committee worked on the drafting of a new CISPR 32 based VCCI rules while hearing the voices of VCCI members. As a result it is expected that the new Agreement of VCCI will be ready to be enacted within 2016.

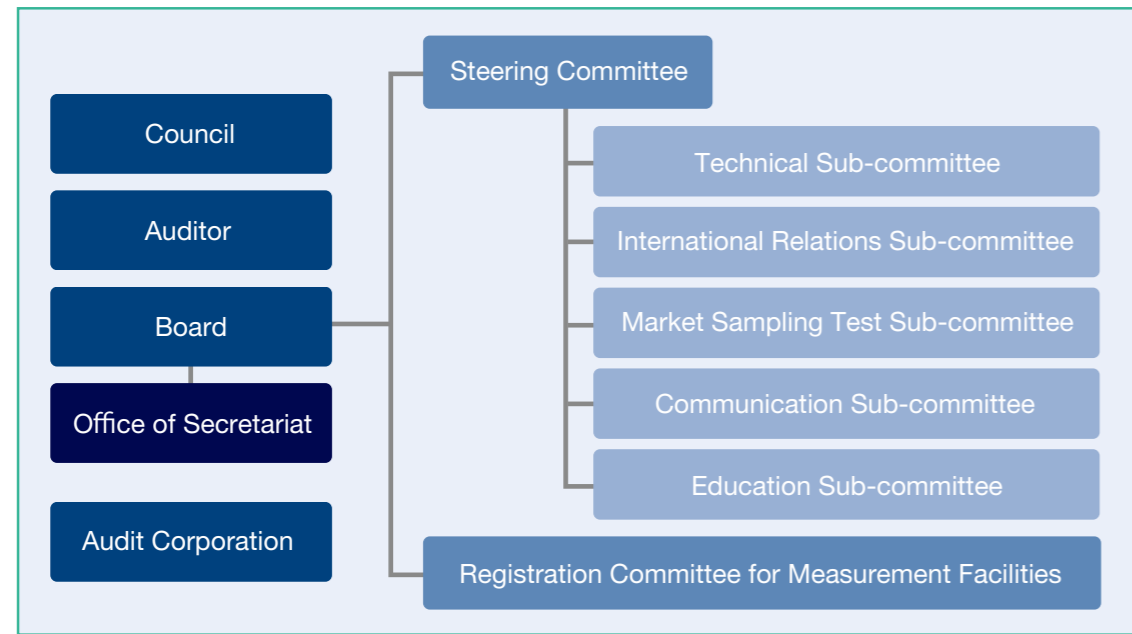
Here I like to stress that it will be just as important as before to improve the recognition rate of the VCCI mark in Japan and overseas and to promote VCCI contribution to international standardization on EMC. Based on this recognition VCCI has long been regularly convened (1) annual VCCI international forum by inviting EMC related regulators from overseas as guest speakers, (2) VCCI workshops overseas, (3) information exchange meetings with BSMI of Chinese Taipei and (4) presentations of technical paper in EMC related academic conventions, and (5) making technical contributions to standards development in IEC/CISPR. We believe that all those activities of us have increased the recognition rate of VCCI in the world.

Turning our eyes to Japan domestic activities, we run the VCCI seminars programed as a part of the regular annual event "Information Communication Month" convened by MIC. We also run VCCI seminars in prefectural industry technology centers on demand basis from time to time. Other activities to improve the name recognition of VCCI include the participation in domestic and overseas EMC related exhibitions with the VCCI booth to draw visitors' attention. Running regular VCCI education courses on EMC measurement techniques also serve the purpose of better name recognition of VCCI.

It is our commitment to align our activities with technological innovation expected to be brought about by CPS/IoT among others in order for us to better serve the needs of the society in the next decade for cleaner radio environment in Japan.

Thank you very much for your continued support to VCCI.

Organization



Committees

Steering Committee

Oversees subcommittees' activities and endorses their resolutions, handles general managerial matters of VCCI and makes proposals to Board of Directors.



Chairman
Shinji Mine
NEC Platforms, Ltd.

Market Sampling Test Subcommittee

Check if conformity verification report filed to VCCI was created properly by way of measuring samples picked up at the shopfront in one of the designated test labs.



Chairman
Shin Kanno
NTT Advanced
Technology
Corporation

Measurement Facilities Registration Committee

Deliberates and authorizes qualification of members' EMI measurement sites and instruments for registration to VCCI based on the result of validation of them against the VCCI requirements. This is the foundation for product conformity verification report filed to VCCI by members.



Chairman
Hiroshi Inoue
The Open University of
Japan

Councilor

Chairman of Councilor

Eisuke Masada

Tokyo University, Railway Technical Research Institute

Councilor

Akira Ohya

Previous Japan Broadcasting Corporation

Councilor

Hirofumi Ono

Former Inspector, Previous Hitachi, Ltd.

Councilor

Ryuji Koga

Okayama University, EM Consulting, Ltd.

Councilor

Masamitsu Tokuda

Tokyo City University, Tokyo University

Councilor

Tetsuro Fukushima

Previous Japan Audit and Certification Organization for Environment and Quality

Councilor

Osamu Fujiwara

Nagoya Institute of Technology,
The University of Electro-Communications

Councilor

Eiji Yamada

Japan Electrical Safety & Environment Technology Laboratories

Director

President

Keiichi Kawakami

Japan Electronics and Information Technology Industries Association

Director

Yasuyoshi Katayama

Communications and Information network Association of Japan

Director

Hideo Nakanishi

Japan Business Machine and Information System Industries Association

Director

Akira Oda

VCCI Council

Inspector

Auditor

Satoshi Shibata

Previous Panasonic Corporation, Former Chairman of VCCI Steering Committee

Auditor

Hiroaki Hasegawa

Former DOCOMO Datacom, Inc.

Audit Corporation

Audit Corporation

ERNST & YOUNG ShinNihon LLC

Technical Subcommittee

Sets and maintains the VCCI Technical Requirements covering standardized EMI limits, measurement methods and product conformity assessment procedure which underpin the scheme of voluntary control of electromagnetic interference from ITE to conserve sustainable radio environment.



Chairman
Ryotaro Hoshi
Hitachi Information &
Telecommunication
Engineering, Ltd. EMC
Center

Communications Subcommittee

To promote the understanding of VCCI and its activities, through the creation and management of VCCI web site, issuance of the seasonal organ paper "VCCI Dayori" and Annual report in Japanese and in English, creation and distribution of PR brochures and calendars, to exhibit at exhibitions at home and abroad, and so on.



Chairman
Shinji Kuroda
Hitachi Information &
Telecommunication
Engineering, Ltd. EMC
Center

International Relations Subcommittee

Liaises with related organizations overseas to appropriately communicate VCCI activities to them and obtains information in return on EMC related standards and regulations in the world. Keeps abreast VCCI members of findings for their information.



Chairman
Yukio Uchida
Panasonic Corporation

Education Subcommittee

Educates and trains EMC managers and measurement engineers on VCCI rules and requirements as well as measurement techniques by organizing regular courses and technical seminars.



Chairman
Minoru Hirata
Hitachi, Ltd.

As of March 31, 2016

As of March 31, 2016

VCCI Activities

General operations

A DC document for the proposal on VHF-LISN contributed by VCCI based on the results of the round-robin tests administered by VCCI will be deliberated in the September CISPR Stresa meeting. It is expected that a Committee Draft on the subject will be reviewed in the fall of 2016.

VCCI held a VCCI International Forum in the United Nation University in Aoyama, Tokyo on November 20 in commemoration of VCCI's 30th anniversary. It was attended by 170 people. In the evening of the same day a commemorative reception was held in the Grand Arc Hotel in Hanzomon which was attended by 150 people.

In February 2016 VCCI held an overseas workshop in Singapore after the blank period of three years with the purpose to promote the activities of VCCI. It was attended by 20 people.

Revised the equipment code effective April 2016 for the registration of product conformity to prepare for the introduction of the multimedia scheme.

Made presentations in APEMC held in Taipei in May and IEEE/EMC Europe 2015 held in August in Dresden on (1) the improved reproducibility of radiated EMI measurement with the use of VHF-LISN (by way of reporting on the international round robin testing), (2) difference in the results of measurement below 1GHz by hybrid antenna and bicon/logperiodic antenna and (3) influence on measurement results by change of impedance of broadband antenna.

Held a meeting with BSMI of the Taipei administration in May on the technical exchange sessions in the future and with ECMA in September on the policy and readiness for CISPR 32. In November, attended European RED CA meeting to exchange information on EMC with related government organizations and industry associations. Visited IDA of Singapore in charge of EMC regulations in February 2016 and RRA of Korea in March 2016 for information exchange on recent regulatory movement.

Held a customary VCCI seminar in the annual Information Communication Month of MIC in May. Also held customary VCCI seminars in prefecture level industry technology centers – the Miyagi prefecture in October 2015, the Saitama prefecture in December 2015 and the Aichi prefecture in February 2016.

MOU (memorandum of understanding) on the mutual recognition of letter exchange on the EMC testing laboratories between Japan and the US established on April 1, 2007 has been smoothly functioning. In May the MOU was updated with NVLAP, A2LA and ANAB. Registered laboratories under this scheme are amounted to 84 laboratories in the US and 51 laboratories in Japan at the end of 2015.

- Note:
- VHF-LISN : Very High Frequency — Line Impedance Stabilization Network
 - DC: Document for Comments
 - BSMI: Bureau of Standards, Metrology & Inspection
 - ECMA: European Computer Manufacturers Association
 - RED CA: Radio Equipment Directive Compliance Association
 - IDA: Infocomm Development Authority of Singapore
 - RRA: National Radio Research Agency
 - NVLAP: National Voluntary Laboratory Accreditation Program
 - A2LA: American Association for Laboratory Accreditation
 - ANAB: ANSI-ASQ National Accreditation Board

Contribution to standards development

- Participation in the development of Japanese EMC standards**
Contributed to the validation of CISPR 32 and CISPR 16 to be adopted as Japanese standards in the MIC ad hoc committee. A resulted endorsement for CISPR 32 Ed.2 was authorized by MIC.
- Technical discussions with JEITA**
Held on the issues of the study and evaluation method for measurement distance and EUT test volume.
- Activities in each project**
 - CISPR project WG**
Participated in CISPR related committees (A/H/I WGs of MIC) to review focused documents and offer technical comments on them while collecting necessary information regarding CISPR movement. Participated as expert members in SC-A/WG1, WG2, SC-H/WG1 and SC-I/WG2/WG4 of CISPR international meetings. Information on CISPR directions was shared by VCCI members in VCCI technical symposium. Covered topics were the direction on CISPR 16, CISPR 22 and CISPR 32/35 in CISPR/SC-A and SC-I. Also covered

were deliberation status on VHF-LISN proposed by VCCI in CISPR Stresa meeting.

- CISPR 32JTF (Rules WG and CISPR 32 WG)**
Developed a draft on the new "Rules for Voluntary Control Measures" (for deliberation) and a draft on the new "Technical Requirements" combined with their interpretations.
- Radiated EMC WG**
Evaluated (1) FAR site evaluation and problem identification in the placement of power cables by using real machines (as proposed by CISPR 32JTF) and studied (2) Effects of materials of EUT table in the measurement in GHz range.
- Conducted EMC WG**
Verified (1) "Study of conducted EMI measurement additionally required in CISPR 32" and (2) "Effects of the influence of the state of PoE communication port to conducted EMI." The both works were proposed by CISPR 32JTF.
- Antenna calibration WG**
Conducted (1) Evaluation of the validity of NSA using small BICON and (2) Experiment on the obtention of reference values for the evaluation of CISPR 32 FAR.
- VHF-LISN WG**
Studied technical issues for the standardization of VHF-LISN and proposed solutions as CISPR/SC-I/WG2/TF8

(4) Explanatory meeting on the status of the new VCCI rules development combined with technical symposium

Presented the proposed draft on the CISPR 32 based new Agreement of Voluntary Control Council for Interference by Information Technology Equipment planned to be released in 2016 and accompanying Technical Requirements backed by technical rationale in Part 1 of the explanatory meeting. In Part 2 activities of Technical Subcommittee in FY2015 were presented. Total number of participants was 140. Vivid Qs and As session followed.

- Note: • FAR : Fully Anechoic Room • PoE : Power over Ethernet
• BICON : Biconical Antenna • NSA : Normalized Site Attenuation



In the site of EMC2015 Jointly organized by IEEE & EMC Euro Explanatory meeting on the status of the new VCCI rules development combined with technical symposium in January 2016

Technical education & training

Conducted to instill measurement engineers with the VCCI rules and measurement skills.

- Training course for measurement engineers**
Attended by 27 trainees in 2 sessions held in June and October. Added contents on the measurement of communication port conducted disturbance in the latter half of the year with revised textbook.
- Basic training course for measurement engineers**
Held for novice engineers in April and September which were attended by 38 trainees.
- Training course on Antenna calibration & NSA measurement**
Attended by 7 trainees in the session held in October.
- Training course on Telecommunication port conducted EMI measurement**
Held one time in June for 13 trainees. This course was merged with training course for measurement engineers in the latter half of the year
- Training course on the measurement of radiated EMI above 1GHz**
Held in July and November for 13 trainees
- Training course on operations**
The purpose of this course is to deepen the understanding of VCCI operations comprised of filing of conformity verification report and market sampling test among others. 14 trainees enrolled in the course held in July.
- Training course on Automatic and Manual measurement**
For trainees to deeply understand measurement of radiated EMI both with

automatic and manual methods. First course held in February 2016 was attended by 12 trainees



A scene of a lecture A scene of hands-on training

The market fact-finding operations

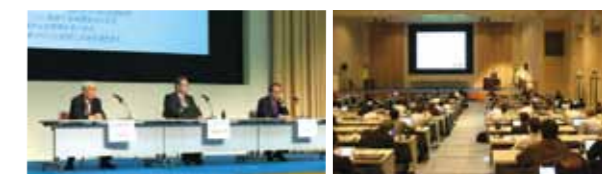
- Market sampling test**
Conducted market sampling tests in accordance with Normative Annex 3 of the Agreement of VCCI. Sampled 110 items including PCs, peripheral equipment, digital cameras, game machines and others (60 units on purchase based and 50 units on loan based). The first round result was that 102 units passed and 8 units failed of 110 units sampled. The second (final) result on the initially failed 8 units was that 4 units passed and 4 units failed.

Quarters	Loan based testing				Purchase base testing				Total
	I	II	III	IV	I	II	III	IV	
Passed	12	23	13	1	19	9	19	10	106
Failed	0	1	0	0	0	1	1	1	4
Total	12	24	13	1	19	10	20	11	110

- Document inspections**
Performed 40 cases of document inspection. Ordered measurement again on 4 disputable cases based on inspections of test reports accompanied with conformity verification reports. Reports on the retesting showed all no problem.
- Checking VCCI mark indication on products in the market**
Checked 1,666 units of 116 suppliers in the market on the presence of the VCCI mark on the products. Two non-VCCI member suppliers were found with their products bearing VCCI marks. Asked them to join VCCI. In checking last year too there was one case with a non-VCCI member who used the VCCI mark on their products. This company accepted VCCI persuasion via OEM company to join VCCI.
- Enlightenment activity**
Briefed on the gist of the market sampling test in the VCCI training course "Operation" and a workshop held in Singapore.

Overseas fact-finding operations

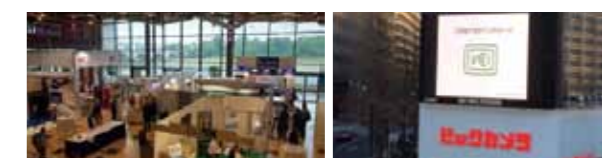
- Convening International Forum**
Convened VCCI International Forum to commemorate the 30th anniversary of VCCI in the United Nation University on November 20, 2015. The forum was started out with keynote addresses given by related officials of MIC and METI followed by congratulatory speeches of honorable guests from related organizations as follows.
 - FCC update – American Certification Body
 - Market surveillance in EU – BnetZA
 - Release of CISPR 32 Ed.2 and remaining issues – "I" working party, Radio wave utilization environment committee, Information and communications council, MIC
 The number of attendees was approximately 170.
- Update of a table of ITE related standards in the world**
Publicized 2015 version of CISPR 22/24/32 in the VCCI web site.
- Research on EMC regulations in the world**
As a new endeavor VCCI started the creation and update of a database on EMC directions in the world as a service for VCCI members. It will be updated periodically.
- Survey of EMC regulations in the world**
In Korea KN32/KN35, Korean version of CISPR 32/35, were effectuated on January 1, 2016. In response to the request of VCCI members for detailed information on the new regulations, VCCI staff visited RRA (National Radio Wave Research Institute) of Korea for information collections. The results were informed to VCCI members as a flash.



VCCI International Forum

Public relations

- Participation in exhibitions**
 - Ran a VCCI booth in Techno Frontier 2015 in the Makuhari Messe from May 20 to 22. Obtained 256 responses to the questionnaire distributed.
 - Participated in Joint IEEE EMC & EMC Europe symposium held in Germany from August 16 to 22, 2015 with the VCCI booth. Distributed VCCI brochures to 300+ visitors and passers-by and answered to questions asked.
- Public Relations**
 - Kept running illuminated VCCI ad boards in the JR Akihabara and Osaka stations. Also running ad with a sticker on the door windows of Tokyo Metro Hibiya-line.
 - Kept running a 30-second VCCI PR movie in the TVs sales floor of 21 stores of Bic Camera in Japan addressing general users and store sales representatives. Also the same movie content is displayed in a multivision on the roof-top of the flagship store of Bic Camera.
 - Distributed a desktop calendar with VCCI ad in the International Forum of November 2015 and VCCI technical symposium of January 2016 to commemorate the 30th anniversary of VCCI
 - Ran VCCI ads together with featured articles on EMC in the Nikkei Sangyo Shimbun and the Nikkan Kogyo Shimbun featuring EMC for the purpose of increasing VCCI's profile
- Issuance of the seasonal organ papers "Dayori" and Annual report 2014**
 - Published in the Web site Issues No.117–No.120 of the VCCI Dayori journal
 - Published VCCI Annual Report for FY 2014 in July
- Renewed the VCCI Web site**
Renewal work started in July 2014 and opened the renewed site in May 2016 after a trial use period.



International Congress Center Dresden PR on VCCI with a Multivision

Measurement facility registration

The status of the registration is as shown in the following tables. Valid period of a registration is three years which can be extended at the end of the 3-year term if wished.

- Registered measurement facilities in FY2015**
 - Registered via examinations: 433 (of which 356 facilities were on a renewal basis)

Classifications of facility	No. of registered facilities
Field strength	105
Mains port conducted	116
Telecom port conducted	86
Radiated EMI above 1GHz	126
Total	433

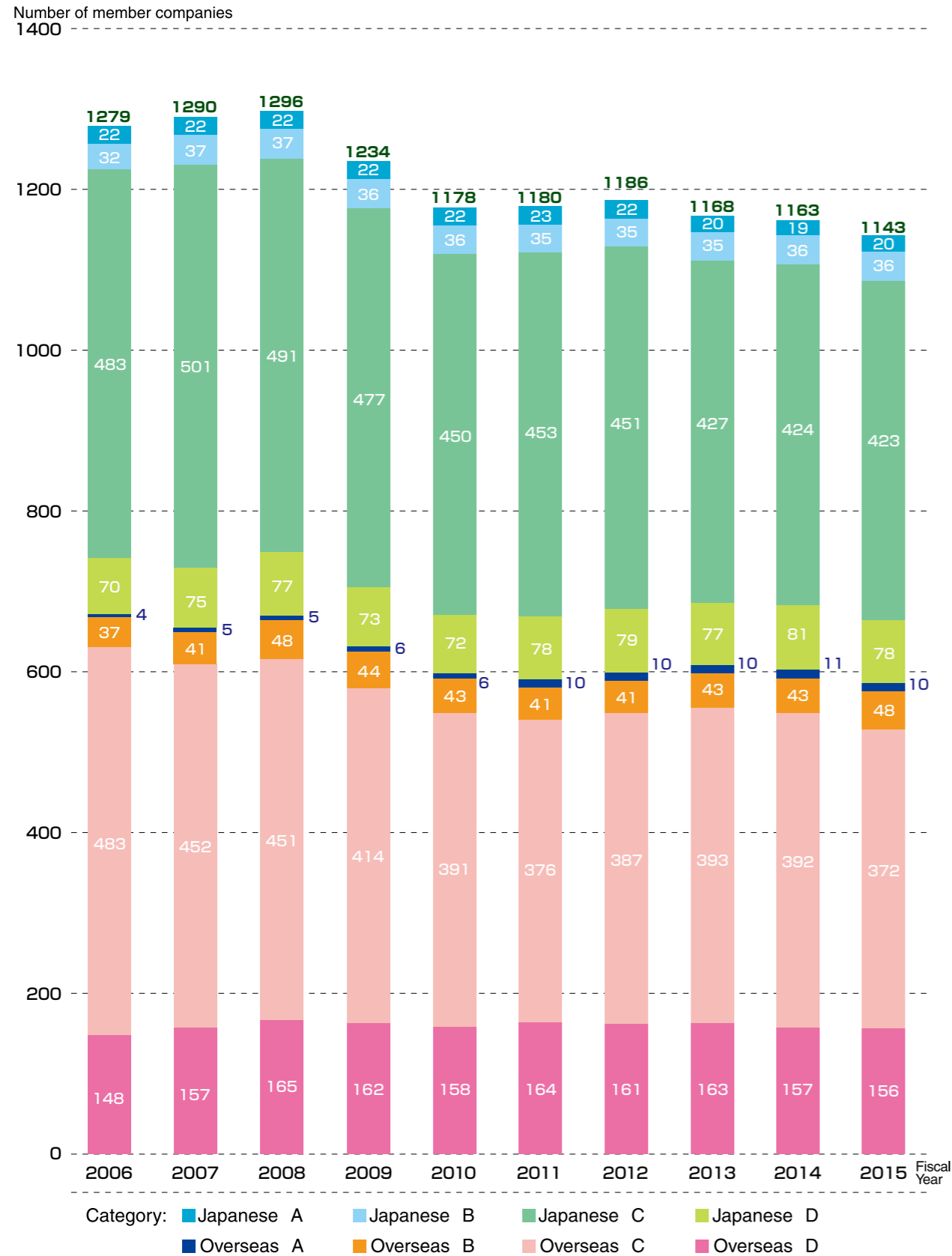
- The number of laboratories accredited by accreditation bodies: 113
- Inventory of registered measurement facilities as of March 31, 2016**
 - Registered via examinations: 1,317

Classifications of facility	No. of registered facilities
Field strength	359
Mains port conducted	379
Telecom port conducted	282
Radiated EMI above 1GHz	297
Total	1,317

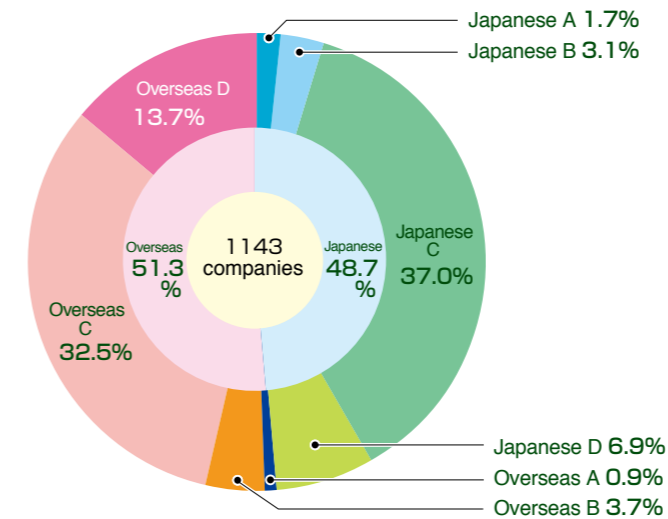
- The number of laboratories accredited by accreditation bodies: 135

Transition of Membership

Member category A,B,C : Regular Members who are eligible to submit Conformity verification report.
Member category D : Supporting Members such as test and measurement companies.

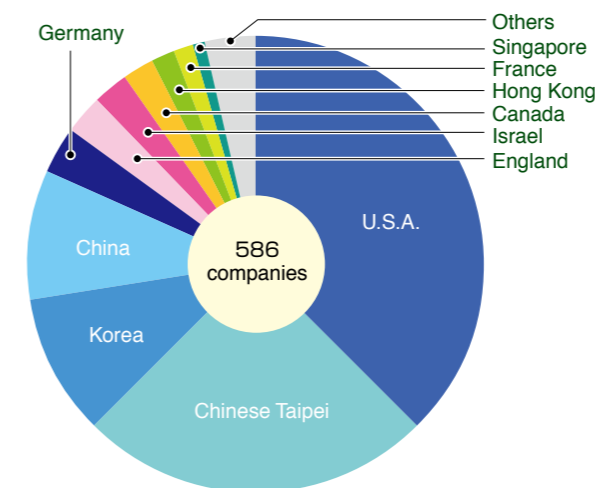


Composition of Members

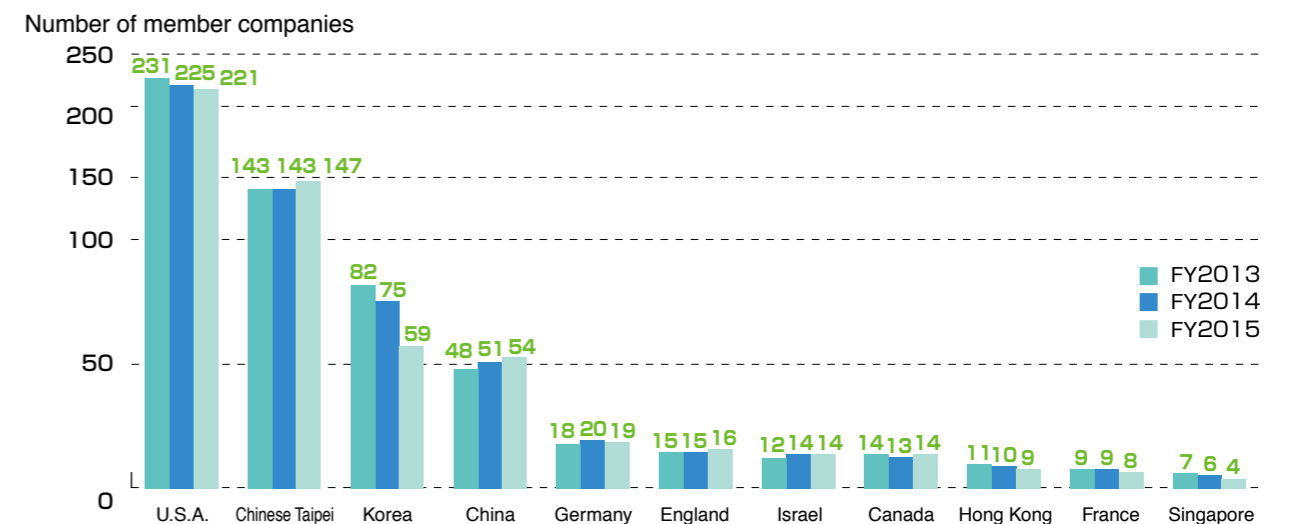


Member category	Number of Members	%
Japanese A	20	1.7%
Japanese B	36	3.1%
Japanese C	423	37.0%
Japanese D	78	6.9%
Overseas A	10	0.9%
Overseas B	48	4.2%
Overseas C	372	32.5%
Overseas D	156	13.7%
Total	1143	100%

Composition of Overseas Members

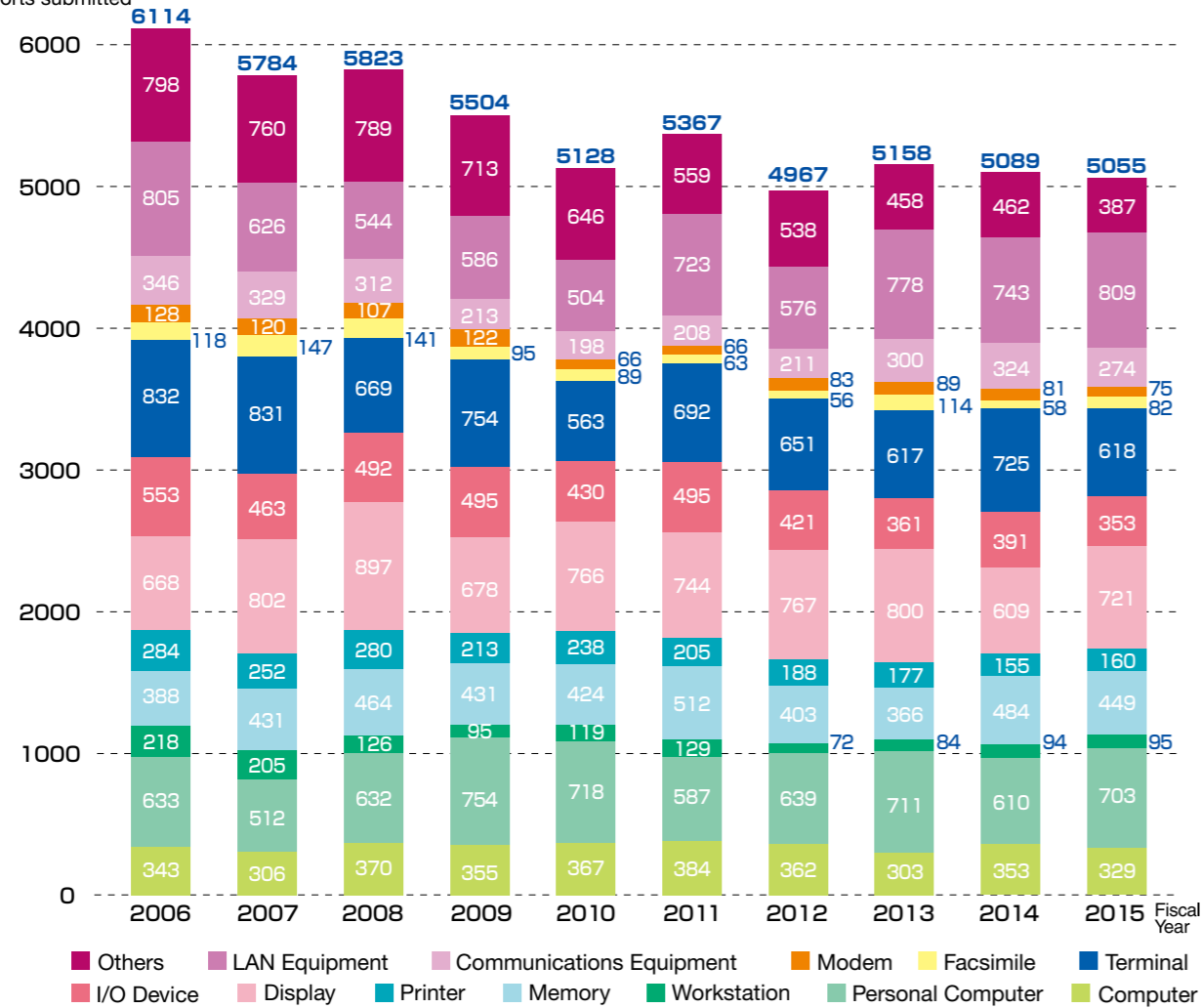


Countries	Number of Members
U.S.A.	221
Chinese Taipei	147
Korea	59
China	54
Germany	19
England	16
Israel	14
Canada	14
Hong Kong	9
France	8
Singapore	4
Others	21
Total	586



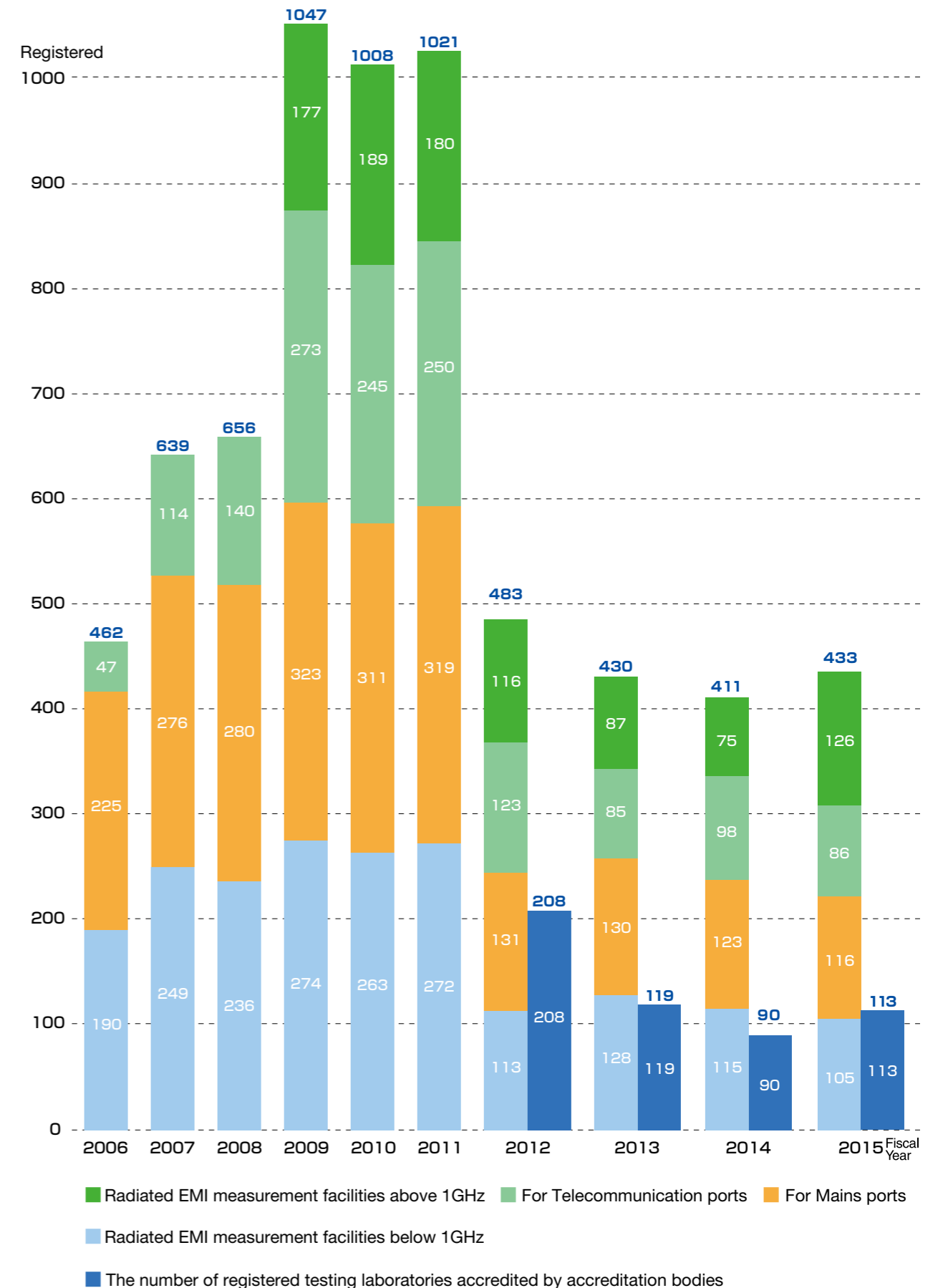
The number of filed Conformity Verification Report

Number of Conformity Verification Reports submitted



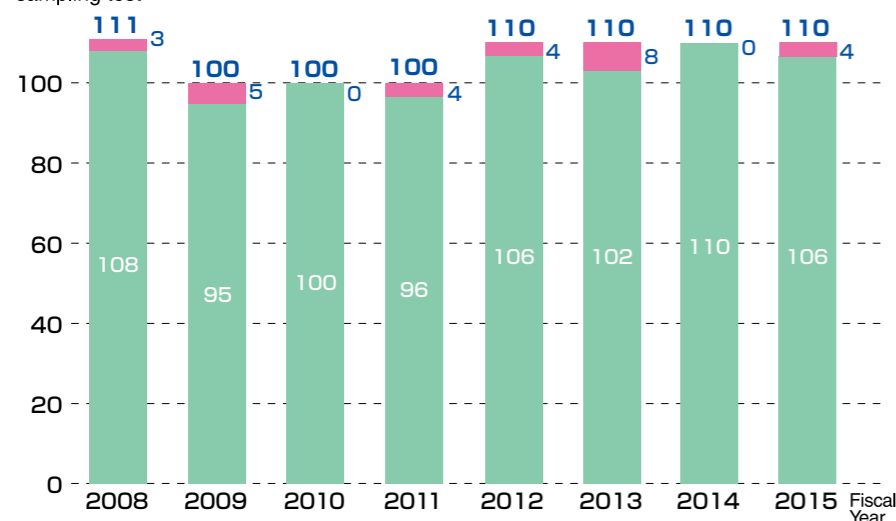
Transition of the number of registered measurement facilities

Registered



Market Sampling Test Results

Number of market sampling test



Failed (Not complied)
Passed (complied)

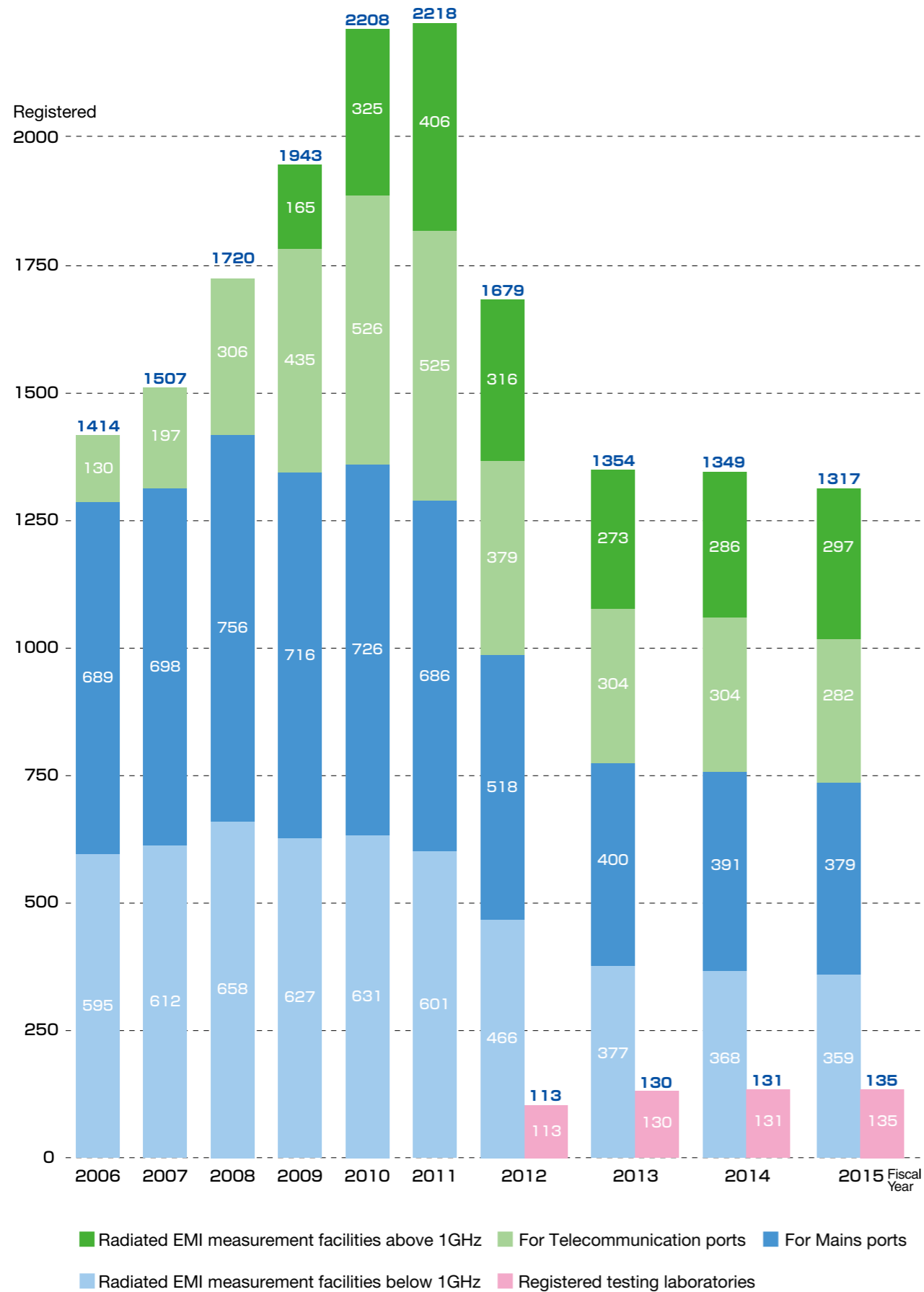
Details

Japanese Member	60
Overseas Member	50

Overseas Items

U.S.A.	19
China	16
Chinese Taipei	5
Others	10

The transition of the gross number of measurement facilities registered at the end of fiscal years



About VLAC

VLAC, the Voluntary EMC Laboratory Accreditation Center has founded in 1999, accredits laboratories for their competence based on ISO/IEC 17025. The core scope of accreditation covers a wide variety of testing for emission from electronic-electrical equipment, medical equipment, vehicle-mounted electronic equipment, electronic equipment used in railroad, vessels and elevators. The service scope stretches even to performance testing of telecommunication terminals, measurement of SAR, performance testing of wired communication terminals, airborne noise testing, and even electrical power consumption testing and safety testing for home electronic equipment. Laboratories accredited by VLAC are recognized elsewhere in the world because VLAC is an ILAC MRA signatory. The number of VLAC accredited testing sites is 34 laboratories of 44 testing sites at the end of FY2015. Details are available at VLAC Website <http://www.vlac.co.jp/>



ILAC Combined MRA Mark



Certificate of Accreditation



Scope of Accreditation (testing categories)



Scope of Accreditation (testing standards)

VCCI Commissioned Testing Laboratories



TELEC (Telecom Engineering Center) – EMC Laboratory

URL: <http://www.telec.or.jp/>

Street address: 7-2, 5 Chome, Yashio, Shinagawa-ku, Tokyo, Japan 140-0003

TELEC is a certification and testing laboratory providing technical services including certification of conformity with the technical requirements of the Radio Act, services of notified body certified in the scheme of MRA with EU, specified calibration of measuring apparatus and testing of radio and high frequency equipment. Also TELEC is capable of testing for EMC, RF, SAR and feeble radio equipment as well as antenna performance and various measurement of electromagnetic field using open sites.



JQA (Japan Quality Assurance Organization) – Tsuru Electromagnetic Environment Testing Laboratory

URL: <http://www.jqa.jp/>

Street address: 2096, Tanbozawa, Oohata, Tsuru-shi, Yamanashi-ken, Japan 402-0045

JQA is a neutral not-for-profit third-party organization specializing in electromagnetic environment testing, product safety certification and calibration of measuring apparatus in addition to primary service for assessment and registration by ISO9000 quality and ISO14001 environment management systems. JQA which started out its operation with two open area test sites is now even capable of immunity testing with a 10m anechoic chamber built in 1998. JQA testing facilities are registered to VCCI and accredited by VLAC.



KEC (Kansai Electronic Industry Development Center) – Testing Division

URL: <http://www.kec.jp/>

Street address: 3-2-2 Hikaridai, Seikacho, Sourakugun, Kyoto-fu, Japan 619-0237

KEC, accredited to ISO/IEC 17025 (via VLAC, JAB, JNLA and A2LA), provides high quality and speedy services on EMC testing for home appliances, industry and medical equipment, railway equipment, power conditioners, industrial tools and on-board equipment of automobiles, aircrafts and military vehicles. The center also provides services on product safety testing and energy saving performance testing for home appliances. The center owns five 10m and small size anechoic chambers and for special EMC testing for vehicle and aircraft mounted equipment supported by INARTE certified engineers.



Intertek Japan – Kashima Testing Laboratory

URL: <http://www.japan.intertek-etlsemko.com/>

Street address: 298-6 Sada, Kashima-shi, Ibaraki-ken, Japan 314-0027

Intertek Japan running five testing sites in Japan is a testing laboratory accredited by VLAC, NVLAP and IECCE among others. The laboratory provides EMC testing services for consumer, industry, medical, automobiles, military, aviation and telecommunication equipment and calibration services for measuring instruments. It also provides agent service for applications for domestic and overseas product safety and telecommunication certification as well as factory inspections. The Kashima laboratory with an open site and anechoic chamber has been engaged in EMC testing mainly of consumer electronic equipment since 1984.

As of March 31, 2016

VCCI Member List

Regular Members

<Japanese>

No. Company Name

[A]

2323 A.T. Works, Inc.
2478 A2 Corporation
1355 ABIT CORPORATION
1882 ADVA Optical Networking Corp.
1898 Advanced Communications Co., Ltd.
35 ADVANTEST CORPORATION
47 AIPHONE CO., LTD.
222 AISIN SEIKI CO., LTD.
2335 ALAXALA Networks Corporation
459 ALEXON CO., LTD.
1317 ALF INC.
231 Allied Telesis K.K.
3655 Allot Communications
3357 ALNETZ CO., LTD.
76 ALPS ELECTRIC CO., LTD.
43 ANRITSU CORPORATION
2676 ANRITSU NETWORKS CO., LTD.
218 AOI Development Center, Ltd.
3682 AOPEN JAPAN INC.
3047 Array Corporation
2125 Artiza Networks, Inc.
3197 ASCON CO., LTD.
1489 ATM Japan Co, LTD.
2655 Atmark Techno, Inc.
3532 AUI Co., Ltd.
1399 AVAL NAGASAKI CORP.
1478 Avaya Japan Ltd.
1147 Axis Communications K.K.

[B]

348 B.U.G. MORI SEIKI CO., LTD.
3502 B.U.G. SST, Inc.
950 BANDAI CO., LTD.
2321 Barracuda Networks Japan K.K.
3477 Benesse Corporation
736 BILLCON CORPORATION
2993 BIOS Corporation
1680 BITS CO., LTD.
3688 Bizright technology Inc
2957 Bktel Pacific Rim (Japan) Inc.
2683 BMT
913 Brains Corporation
21 Brother Industries, Ltd.
933 BUFFALO INC.

[C]

441 CANON ELECTRONICS INC.
1386 CANON FINETECH INC.
49 Canon Inc.
883 Canon Marketing Japan Inc.
90 Canon Production Printing Systems Inc.
3129 Cansystem Co., Ltd.
2864 Carestream Health Japan, Co., Ltd.
54 CASIO COMPUTER CO., LTD.

3228 Cathay Tri-Tech., Inc.
2977 CCP Co., Ltd.
2928 Cellcross Co., Ltd.
3678 Cellstar Industries Co., Ltd.
2395 Central Engineering Corporation
3555 CENTURY SYSTEMS Co., Ltd.
64 CHO ELECTRONICS CO., LTD.
220 CITIZEN SYSTEMS JAPAN CO., LTD.
3155 Clarion Co., Ltd.
71 COMOTA CO., LTD.
1206 CONTEC CO., LTD.
3537 Corega Inc.
3232 CPI Technologies, Inc.
1231 CTCSP Corporation

[D]

178 D&M HOLDINGS, INC.
2803 Dai Nippon Printing Co., Ltd.
2839 Data Controls Inc.
1978 Datacard Japan Ltd.
2496 DDS, Inc.
1758 DENSO WAVE INCORPORATED
2289 DION Corporation
3288 dit Co., Ltd.
2564 Ditect. Corporation
419 Duplo Seiko Corporation
3476 DX ANTENNA CO., LTD.
1026 Dyden Corporation

[E]

3378 e-Broad Communications Inc.
2176 Egenera, KK
137 EIZO Corporation
3254 ELECOM CO., LTD.
1870 ELECS. INDUSTRY CO., LTD.
3334 ELIHY Power Co., Ltd.
3052 ELSA Japan Inc.
2861 Emerson Japan, Ltd.
3593 Empathy Co., Ltd.
1525 EPSON DIRECT CORPORATION
2299 e-trees. Japan, Inc
1091 EXCEL CO., LTD.

[F]

2680 Fanatic Computers Inc.
3576 Fibergate Inc.
101 FOSTER ELECTRIC CO., LTD.
3412 Freecom Technologies K.K.
51 FUJI ELECTRIC CO., LTD.
2331 Fuji Electric Co., Ltd.
67 Fuji Xerox Co., Ltd.
118 FUJIFILM Corporation
670 FUJIFILM Imaging Systems Co., Ltd.
253 Fujikura Ltd.
704 Fujikura Solutions Ltd.
3320 FUJISOFT INCORPORATED
1066 FUJITSU COMPONENT LIMITED
3386 FUJITSU COMPUTER TECHNOLOGIES LIMITED
1500 FUJITSU FRONTECH LIMITED
20 FUJITSU ISOTEC LIMITED
1833 FUJITSU KANSAI-CHUBU NET-TECH LIMITED

65 FUJITSU LIMITED
1650 FUJITSU NETWORK SOLUTIONS
3696 FUJITSU SOCIAL LIFE SYSTEM LIMITED
1614 Fukushima Iwatsu Co., Ltd.
34 FUNAI ELECTRONIC CO., LTD.
2722 FURUNO ELECTRIC CO., LTD.
1561 FURUNO SYSTEMS Co., Ltd.
2922 FUTEC INC
3355 FUTURE CONNECT, LTD.
1138 FXC Inc.

[G]

1526 GINGA SYSTEM CO., LTD.
3684 GLOBAL NETWORKS ZEN-EI CO., LTD
707 GLORY AZ System Co., LTD.
95 GLORY LTD.
3686 Godspeed. Co., Ltd
2979 Golden Micro Systems Co.
88 GRAPHTEC CORPORATION
1728 GREEN HOUSE CO., LTD.
3065 Gridmark Inc.
85 GS Yuasa International Ltd.

[H]

2242 hagiwara electric co., Ltd
2837 Hagiwara Solutions co., Ltd.
2740 HARVEST CO., LTD.
6 Hewlett-Packard Japan, Ltd.
2701 HighTechSystem Co., Ltd.
198 HIRAKAWA HEWTECH CORP.
147 Hitach Metals, Ltd.
2504 Hitachi Chemical Co., Ltd.
2549 Hitachi IE System Co., Ltd.
3273 Hitachi Industry & Control Solutions, Ltd.
1083 Hitachi Information & Communication Engineering, Ltd.
1596 Hitachi Keiyo Engineering & Systems, Ltd.
52 Hitachi Kokusai Electric Inc.
210 HITACHI MAXELL, LTD.
3255 Hitachi Systems Techno Services, Ltd.
2692 Hitachi Terminal Mechatronics, Corp
371 Hitachi USLI Systems Co., Ltd.
2 Hitachi, Ltd.
1850 Hitachi-LG Data Storage, Inc.
2347 Hitachi-Omron Terminal Solutions, Corp
3079 HOCHIKI CORPORATION
1518 Hosiden Corporation
3316 HOYA CORPORATION PENTAX Life Care Division
3671 HOYA Service Corporation
3638 HP Japan Inc.
2629 HYTEC INTER Co., Ltd.

[I]

3269 iB Solution Co., Ltd.
23 IBM Japan, Ltd.
1329 ICOM Inc.
3438 iD corporation
131 IDEC AUTO-ID SOLUTIONS Corporation
3494 IDEC CORPORATION
560 Identive K.K.
3073 IDK Corporation
3153 IDX Company, Ltd.

151 Ikegami Tsushinki Co., Ltd.
1191 IMAGENICS. CO., LTD.
902 Imation Corporation Japan
3280 impactTV. INC
3493 INABA DENKI SANGYO CO., LTD.
808 iND Co., Ltd.
1429 Infinico Corporation
338 Intel K.K.
1326 I-O DATA DEVICE, INC.
826 IRIICHI TECHNOLOGIES INC.
946 ISA Co., Ltd.
1864 ISHIIHYOKI CO., LTD.
758 ITO ELECTRONIC INDUSTRY CO., LTD.
2978 ITUS Japan Co., Ltd
14 IWATSU ELECTRIC CO., LTD.

[J]

375 Janome Sewing Machine Co., Ltd.
262 Japan Aviation Electronics Industry, Limited
436 JAPAN CASH MACHINE CO., LTD.
874 Japan Electronics Ind., Inc.
96 Japan Radio Co., Ltd.
1836 Japan Telegartner Limited
460 JB Advanced Technology Corporation
30 JVC KENWOOD Corporation

[K]

2381 KABUTOYAMA WORKS CO., LTD
202 KAGA ELECTRONICS CO., LTD.
3664 KAMETSU CORP.
1488 Kanematsu Electronics Ltd.
229 KATSURAGAWA ELECTRIC CO., LTD.
1609 Kawamura Electric Inc.
841 KDDI Corporation
1339 KEYENCE CORPORATION
1651 Keysight Technologies Japan G.K.
3694 Kimura Electric Co., Ltd.
2816 King Tech Corp.
3256 KING TSUSHIN KOGYO CO., LTD
865 KINGJIM CO., LTD.
3208 Kinkei System Corporation
539 Kobayashi Create Co., Ltd.
160 Kodak Alaris Japan Corporation
1699 KOGA ELECTRONICS CO.
1067 KOITO ELECTRIC INDUSTRIES, LTD.
888 KOKUYO S&T CO., LTD.
908 Konica Minolta Business Solutions Japan Co., Ltd.
172 KONICA MINOLTA, INC.
2506 KOSHIN DENKI KOGYO CO., LTD.
2265 KUBOTEK CORPORATION
2537 Kumahira Co., Ltd.
1390 KUZUMI Electronics, Inc.
209 KYOCERA Document Solutions Inc.
2394 KYOKKO SEIKO CO., LTD.
2138 KYOWA TECHNOLOGIES CO., LTD

[L]

136 LAUREL BANK MACHINES CO., LTD.
2573 Laurel Intelligent Systems Co., Ltd.
2420 Lenovo (Japan) Ltd.
3611 Lenovo Enterprise Solutions Ltd.

3004 LET's corporation
3706 LIXIL Housing Exterior Division
102 Logitec Corporation
3266 Logitec INA Solutions Co., Ltd.
3690 LVHM Watch & Jewelry Japan K.K.

[M]

2948 MASA CORPORATION
3594 MASPRO DENKOH CORP.
1118 MAX CO., LTD.
2955 MC SECURITY Co., Ltd.
976 MegaChips Corporation
116 MEIDENSHA CORPORATION
3308 Micro Solution CO., LTD.
2360 Miharu Communications Inc.
311 MIMAKI ENGINEERING CO., LTD.
312 MINATO HOLDINGS INC.
344 MintWave Co., Ltd.
1932 MITACHI CO., LTD.
8 MITSUBISHI ELECTRIC CORPORATION
594 MITSUBISHI Electric Engineering Co., Ltd.
1646 Mitsubishi Electric Information Network Corporation
2044 MITSUBISHI ELECTRIC SYSTEM & SERVICE CO., LTD.
3050 Mitsubishi Paper Mills Limited
3557 mitsuboshi diamond industrial co., Ltd.
214 MITSUI ZOSEN SYSTEMS RESEARCH INC.
584 MITSUMI ELECTRIC CO., LTD.
3715 Miura Corporation
2031 MIWA LOCK CO., LTD.
282 MIYAKAWA ELECTRIC WORKS LTD.
3258 mofiria Corporation
3237 MOL JAPAN CORPORATION
33 MURATA MACHINERY, LTD.
123 Murata Manufacturing Co., Ltd.
204 MUTOH INDUSTRIES, LTD.

[N]

82 NAGANO JAPAN RADIO CO., LTD.
2505 NAGATSUKA
716 NAGOYA ELECTRIC WORKS CO., LTD.
3290 NAITO DENSEI MACHIDA MFG.CO., LTD.
1163 NAKAJIMA ALL PRECISION CO., LTD.
146 NAKAYO, INC.
3546 NANABOSHI ELECTRIC MFG. CO., LTD.
126 NCR Japan Ltd.
2196 NCR Services Japan, Ltd
1901 NEC Communication Systems, Ltd.
1 NEC Corporation
1394 NEC Display Solutions, Ltd.
3296 NEC Embedded Products, Ltd.
1238 NEC Engineering, Ltd.
2729 NEC Magnus Communications
2862 NEC Nagano, Ltd.
825 NEC Network and sensor Systems, Ltd
1781 NEC Networks & System Integration Corporation
567 NEC Personal Computers, Ltd.
25 NEC Platforms, Ltd.
2644 NEC Solution Innovators, Ltd.
3583 NEC TOKIN Corporation
729 neix, Inc.

3701 Net One Systems Co., Ltd.
2838 NETWORK VALUE COMPONENTS LTD.
498 NEWTECH CO., LTD.
450 NHK SPRING CO., LTD.
1566 Nichigaku Co., Ltd.
2989 NIDEC SANKYO CORPORATION
2807 NIE Co., Ltd.
130 Nihon Unisys, Ltd.
356 NIKON CORPORATION
1671 NIKON VISION CO., LTD.
1363 NIKON-TRIMBLE CO., LTD.
119 NINTENDO CO., LTD.
2221 NIPPON ANTENNA CO., LTD
547 NIPPON AVIONICS CO., LTD.
953 Nippon Chemi-Con Corporation
621 NIPPON CONLUX CO., LTD.
844 Nippon Printer Eng. Inc.
637 NIPPON SYSTEMS DEVELOPMENT Co., Ltd.
279 NIPPON TELEGRAPH AND TELEPHONE CORPORATION (NTT)
1303 NIPPON TELEGRAPH AND TELEPHONE EAST CORPORATION
1278 NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION
186 Nisca Corporation
3511 Nokia Solutions and Networks Japan Corp.
3506 NORITAKE ITRON CORPORATION
394 NTT Advanced Technology Corporation
1275 NTT Communications Corporation
329 NTT DATA CORPORATION
457 NTT Electronics Corporation
3088 NTT FIELDTECHNO CORPORATION
3643 NTTDATA INTELLILINK CORPORATION

[O]

443 OA LABORATORY CO., LTD.
3284 OFFICE24 CO., LTD.
197 Oi Electric Co., Ltd.
307 Oki Communication Systems Co., Ltd.
624 Oki Data CORPORATION
9 Oki Electric Industry Co., Ltd.
1469 OKIdata - Infotech Inc.
463 OLYMPUS CORPORATION
56 OMRON Corporation
2857 OMRON HEALTHCARE CO., LTD.
3663 Onkyo & Pioneer Corporation
3662 Onkyo & Pioneer Innovations Corporation
1812 OPTOELECTRONICS Co., Ltd.
223 Oracle Information Systems (Japan) G.K.
3485 ORIENT ENTERPRISE CO., LTD.

[P]

15 Panasonic Corporation
1780 Panasonic Eco Solutions Networks Co., Ltd.
138 Panasonic Healthcare Co., Ltd.
17 Panasonic System Networks Co., Ltd
3366 PayPal Pte. Ltd. Tokyo Branch
2234 PENTEL Co., Ltd.
144 PFU Limited
302 PHOTRON LIMITED
3104 PicoCELA Inc.
11 PIONEER ELECTRONIC CORPORATION

1448 Pixela Corporation	153 SINFONIA TECHNOLOGY Co., LTD.	164 TOTOKU ELECTRIC CO., LTD.	1320 ADVANTECH CO., LTD. (CHINESE TAIPEI)	3488 Bluebird Inc. (KOREA)	671 Digi International Inc (USA)
1364 Planex Communications, Inc.	2093 Sknet Corporation Ltd.	797 Touch Panel Systems K.K.	3487 Aerohive Networks, Inc. (USA)	3615 b-plus GmbH (GERMANY)	3422 DIGITAL VIEW LTD. (HONG KONG)
3628 Plat' Home Co., Ltd.	795 SMK CORPORATION	3585 TOYOTA TSUSHO CORPORATION	3424 Affirmed Networks, Inc. (USA)	1809 Broadcom Corporation (USA)	1461 DIVA Laboratories, Ltd. (CHINESE TAIPEI)
545 PLUS Corporation	3247 SoftBank Corp.	3018 Transaction Media Networks Inc.	3526 AHNLAB, INC. (KOREA)	2766 Brocade Communications Systems Inc. (USA)	448 D-Link Corporation (CHINESE TAIPEI)
3605 PLUSONE MARKETING LTD.	3676 Soltec. Japan. Limited	3382 Transcend Japan Inc.	3381 AIC Inc. (CHINESE TAIPEI)	3689 BungBungame Inc. (CHINESE TAIPEI)	3326 DMX, LLC. d/b/a Mood Media (USA)
2661 Primagest, Inc.	856 Sony Computer Entertainment Inc.	2269 Transtron Inc.	3566 Ai-Logix (Asia) Limited (CHINA)	2856 Burroughs, Inc. (USA)	1943 Dot Hill Systems, Corp. (USA)
2041 Princeton Ltd.	93 SONY CORPORATION	2309 Trend Micro Incorporated	3419 AISolution (KOREA)	3184 BYD Precision Manufacture Co., Ltd. (CHINA)	2824 Drobo, Inc. (USA)
[Q]	3620 Sony Mobile Communications Inc.	3344 TSUZUKI DENKI CO., LTD.	3201 AJA Video Systems Inc. (USA)	[C]	1686 DXG Technology Corp. (CHINESE TAIPEI)
3471 QUADRAC Co., Ltd.	269 SORITON SYSTEMS K.K.	[U]	308 Alcatel-Lucent (USA)	3654 C&A Licensing LLC (USA)	[E]
2651 Qualica Inc.	521 SOSHIN ELECTRIC CO., LTD.	907 UCHIDA YOKO CO., LTD.	3640 Alcatel-Lucent IP R&T (USA)	2135 CANON ELECTRONIC BUSINESS MACHINES (H.K.) CO., LTD. (HONG KONG)	686 Eaton Corporation (USA)
2203 QUIXUN PRODUCTS CO., LTD.	3363 Spectronix Co., Ltd.	582 UMEZAWA TECHNICAL LABORATORY CO., LTD.	3631 Aldebaran Robotics (FRANCE)	3630 Canon Korea Business Solutions Inc. (KOREA)	2628 Edgewater Networks Inc. (USA)
[R]	180 STAR MICRONICS CO., LTD.	2045 UNIADDEX, Ltd.	3554 Aliphcom (a.k.a., Jawbone) (USA)	2354 CastleNet Technology Inc. (CHINESE TAIPEI)	1482 Edimax Technology Co., Ltd. (CHINESE TAIPEI)
763 RATO Systems, Inc.	2575 StoreNet Corp.	3202 Unipulse Corporation	518 Allied Telesis Inc. (USA)	3449 Castles Technology Co., Ltd. (CHINESE TAIPEI)	3672 Elatec GmbH (GERMANY)
2760 Renesas Electronics Corporation	165 SUMITOMO ELECTIRC SYSTEM SOLUTIONS CO., LTD.	3144 Unitech Japan co., Ltd.	2383 Alpha Networks Inc. (CHINESE TAIPEI)	3449 Castles Technology Co., Ltd. (CHINESE TAIPEI)	537 Electronics for Imaging, Inc. (USA)
16 Ricoh Co., Ltd.	97 SUMITOMO ELECTRIC INDUSTRIES, LTD.	2087 UNITEX Corporation	3392 AM TECH Co., Ltd. (KOREA)	3035 CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd. (CHINA)	3608 Elgato Systems GmbH (GERMANY)
690 RICOH IMAGING COMPANY, LTD.	3600 Sumitomo Precision Products Co., LTD.	3633 UPS Solutions Co., Ltd.	1565 AMD (CANADA)	3679 Celestica Technology Consultancy (Shanghai) Co., Ltd. (CHINA)	877 Elitegroup Computer Systems Co., Ltd. (CHINESE TAIPEI)
38 RICOH INDUSTRY CO., LTD.	1197 Sumitomo Wiring Systems, Ltd.	[V]	400 American Power Conversion Corp. (USA)	3028 Cell Technology Limited (HONG KONG)	1322 EMC Corporation (USA)
3692 RION CO., LTD.	1001 SUN CORPORATION	3578 VAIO Corporation	2988 Amphenol Corporation - Amphenol AssembleTech Division (USA)	2015 Check Point Software Technologies Ltd. (ISRAEL)	1068 Emulex Corporation (USA)
175 RISO KAGAKU CORPORATION	3085 Symantec Japan, Inc	2109 VarioSecure Inc.	2873 Ampronix Inc. (USA)	2974 Chelsio Communications, Inc. (USA)	3457 Ergotron, Inc. (USA)
59 ROLAND DG CORPORATION	473 SYSMEX RA CO., LTD.	3426 V-net Corporation Limited	683 Amtran Technology Co., Ltd. (CHINESE TAIPEI)	1638 Cheng Uei Precision Industry Co., Ltd. (CHINESE TAIPEI)	1080 EtherWAN Systems Inc. (CHINESE TAIPEI)
1708 Routrek Networks, Inc.	3534 SYSTEM IO Co., Ltd.	[W]	2944 Anoto AB (SWEDEN)	636 Cherry GmbH (GERMANY)	2732 EVOLIS (FRANCE)
3573 RYOWA ELECTRONICS CO., LTD.	3570 Systemk Corporation	177 Wacom Co., Ltd.	3674 Apacer Technology Inc. (CHINESE TAIPEI)	882 CHICONY ELECTRONICS CO., LTD. (CHINESE TAIPEI)	2889 ExaGrid Systems, Inc. (USA)
[S]	[T]	3495 Welcat Inc.	2656 Applanix Corporation (CANADA)	3305 CHRISTIE DIGITAL SYSTEMS CANADA INC. (CANADA)	1406 Extreme Networks, Inc. (USA)
3043 SANDEN ADVANCED TECHNOLOGY Corporation	606 TAIYO SEIKI COMPANY., LTD.	3293 WHITE BUSINESS INITIATIVE Co.	482 Apple, Incorporated (USA)	2846 Ciena (USA)	3524 Extron Electronics (USA)
351 SANEI ELECTRIC INC.	163 TAIYO YUDEN CO., LTD.	[Y]	3541 AppNeta, Inc. (USA)	493 Cisco Systems, Inc. (USA)	2969 Eye-Fi, Inc. (USA)
83 SANKEN ELECTRIC CO., LTD.	283 TAKACOM CORPORATION	22 YAMAHA CORPORATION	2431 Apricorn, Inc. (USA)	2163 Cisco Systems International BV (THE NETHERLANDS)	[F]
2881 SANWA SUPPLY INC.	326 TAKAMISAWA CYBERNETICS CO., LTD.	3287 YAMASHITA SYSTEMS Corp.	3027 Arista Networks, Inc. (USA)	3190 Citrix Systems, Inc. (USA)	1440 F5 Networks, Inc. (USA)
293 Sanyo Chemical Co., Ltd.	3400 Takara telesystems Co., Ltd.	2292 YASUKAWA INFORMATION SYSTEMS Corporation	1627 ARRAY NETWORKS, INC. (USA)	3687 Cleversafe, Inc. (USA)	1926 FIMI s.r.l. (ITALY)
920 SANYO DENKI CO., LTD.	2847 TAKASAGO LTD.	150 YAZAKI CORPORATION	2084 Arris Group, Inc. (USA)	702 CLEVO CO. (CHINESE TAIPEI)	3661 FireEye, Inc. (USA)
19 SANYO Techno Solutions Tottori CO., Ltd.	3451 TAKEMOTO DENKI CORPORATION	103 Y-E DATA INC.	2276 Artesyn Product Testing Services (USA)	989 Clientron Corp. (CHINESE TAIPEI)	1925 FIRICH ENTERPRISES CO. LTD. (CHINESE TAIPEI)
355 SATO CORPORATION	2691 TAKENAKA ENGINEERING CO., LTD.	2366 YEC, CO., LTD.	1285 ASKEY COMPUTER CORP. (CHINESE TAIPEI)	3634 CognitiveTPG, LLC. (USA)	2823 Flextronics International (Taiwan) Ltd. (CHINESE TAIPEI)
127 SAXA, Inc.	1973 TAMURA CORPORATION	2931 YKD CO., LTD.	3504 Aspect Software, Inc. (USA)	3588 Coho Data, Inc. (USA)	3589 FLIR COMMERCIAL SYSTEMS, INC. (USA)
3331 SCALAR Corporation	206 TATSUNO CORPORATION	3185 Yokogawa Meters & Instruments Corporation	2208 Astec International Limited (HONG KONG)	3659 COLEBROOK BOSSON SAUNDERS LTD (U.K.)	2918 Fluke Networks, a division of Fluke Electronics Corporation (USA)
451 SCREEN Graphic and Precision Solutions Co., Ltd.	18 TB GROUP INC.	3637 Y's corporation	1011 ASUSTek Computer Inc. (CHINESE TAIPEI)	297 Compal Electronics, Inc. (CHINESE TAIPEI)	3233 FON Wireless Ltd. (U.K.)
940 SECURE-TECH CORPORATION	39 TDK CORPORATION	12 YUTAKA ELECTRONIC MFG. CO., LTD.	1149 Aten International Co., Ltd. (CHINESE TAIPEI)	3478 Connected Data, Inc. (USA)	1977 Fortinet, Inc. (USA)
3346 Seedsware Corporation	3137 TDK Corporation	[Z]	3553 Atop Technologies, Inc. (CHINESE TAIPEI)	3486 CONTEC DTx INC. (USA)	2247 Foxlink Technology Ltd (HONG KONG)
55 SEIKO EPSON CORPORATION	75 TEAC CORPORATION	3394 ZOOM CORPORATION	3124 ATP Electronics Taiwan Inc. (CHINESE TAIPEI)	2240 Contela, Inc. (KOREA)	3294 Fujian Centerm Information co., Ltd. (CHINA)
50 Seiko Instruments Inc.	3411 Tech Trex Inc. Japan	404 ZUKEN ELMIC, Inc.	3464 Atrust Computer Corp. (CHINESE TAIPEI)	2945 Contex A/S (DENMARK)	1468 Fujitsu Technology Solutions GmbH (GERMANY)
60 SEIKO PRECISION INC.	3717 TECHNO BROAD, INC.	<Overseas>	3222 ATTO Technology, Inc. (USA)	3518 Corero Network Security (USA)	[G]
3484 SEIKO Solutions Inc.	2449 Techno Link Co., Ltd.	No. Company Name	2097 Audiocodes LTD. (ISRAEL)	779 Coretronix Corporation (CHINESE TAIPEI)	352 Gechic Corporation (CHINESE TAIPEI)
2568 SEIKO TIME SYSTEMS INC.	2231 Technology Link Corporation	[A]	3530 Aurora Networks, Inc., A Pace Company (USA)	3622 Coriant Oy (FINLAND)	1524 GEMALTO SA (FRANCE)
3602 SEITEC CO., LTD.	3267 TechnoMatrYx Inc.	2548 A10 Networks, Inc. (USA)	2888 AVer Information Inc. (CHINESE TAIPEI)	3458 Cray Inc. (USA)	3475 GENBAND US LLC (USA)
777 SEIWA ELECTRIC MFG CO., LTD.	174 TERAOKA SEIKO CO., LTD.	3328 AAEON Technology Inc. (CHINESE TAIPEI)	3244 Avere Systems, Inc. (USA)	3551 Crestron Electronics, Inc. (USA)	3596 GES CO., LTD. (KOREA)
292 SEKISUI CHEMICAL CO., LTD.	830 THE FURUKAWA ELECTRIC CO., LTD.	3603 Aava Mobile Oy (FINLAND)	1933 AVerMedia Technologies Inc. (CHINESE TAIPEI)	2669 CS Corporation (KOREA)	1559 GIGA-BYTE TECHNOLOGY CO., LTD. (CHINESE TAIPEI)
514 SEKONIC CORPORATION	3516 TKR CORPORATION	3522 Acano (UK) Ltd (U.K.)	3230 Avid Technology, Inc. (USA)	2871 CTC Union Technologies Co., Ltd. (CHINESE TAIPEI)	3443 Global Scanning UK Ltd. (CHINA)
13 Sharp Corporation	179 TOEI ELECTRONICS CO., LTD.	1170 Acbel Polytech Inc. (CHINESE TAIPEI)	574 Avision Inc. (CHINESE TAIPEI)	3383 CYAN (USA)	2630 GlobTek, Inc. (USA)
3338 SHIBUTANI CO., LTD.	2490 TOMY Company, Ltd.	3314 Accedian Networks Inc. (CANADA)	585 Avocent Corporation (USA)	2499 Cyber Power Systems, Inc. (CHINESE TAIPEI)	2419 GOOD WAY TECHNOLOGY CO., LTD. (CHINESE TAIPEI)
3167 Shin Shin Co., Ltd.	2867 TOPPAN FORMS CO., LTD.	379 ACCTON Technology Corp. (CHINESE TAIPEI)	2214 Azimuth Systems, Inc. (USA)	[D]	3078 Google Inc. (USA)
3710 Shin Shin Tech. Co. Ltd.	2047 Toppan Printing Co., Ltd.	215 Acer Incorporated (CHINESE TAIPEI)	[B]	2486 D&T Inc. (KOREA)	3179 GS Instruments Co., Ltd. (KOREA)
193 Shindengen Electric Manufacturing Co., Ltd.	1669 Topre Corporation	2353 A-DATA Technology Co., Ltd (CHINESE TAIPEI)	3406 B&S Media Co., Ltd. (KOREA)	3248 DAEHAP HYPER-TECH CO., LTD (KOREA)	3691 Guangdong Hybroad Vision Electronics Technology Company Ltd (CHINA)
2074 SHINJUUKU JAPANESE LANGUAGE INSTITUTE	37 TOSHIBA CORPORATION	3515 Adtran Inc. (USA)	3453 Bad Elf (USA)	2804 Delphi Display Systems, Inc. (USA)	3225 Guillemot Corporation S.A (FRANCE)
73 SHINKO SEISAKUSHO CO., LTD.	3459 Toshiba Global Commerce Solutions Holdings Corporation	2085 ADVAN INT'L CORP. (KOREA)	2995 Barco N.V. (BERGIUM)	568 DELTA ELECTRONICS, Inc. (CHINESE TAIPEI)	
3673 Shinsei Corporation	1939 TOSHIBA LIFESTYLE PRODUCTS & SERVICES CORPORATION	2952 Advanced Card Systems Limited (HONG KONG)	3708 BARUN ELECTRONICS (KOREA)	3045 Delta Networks, INC. (CHINESE TAIPEI)	
341 SHINSEI INDUSTRIES CO., LTD.	3403 TOSHIBA LIGHTING & TECHNOLOGY CORPORATION	3709 ADVANCED-CONNECTEK INC. (ACON)	2258 Barun Electronics Co., Ltd. (KOREA)	2754 Dialogic (US) Inc. (USA)	
2868 SHOFU INC.	5 TOSHIBA PERSONAL COMPUTER SYSTEM CORPORATION	[B]	2123 Belkin International, Inc. (USA)		
1922 SIGMA CORPORATION	244 Toshiba Solutions Corporation	3406 B&S Media Co., Ltd. (KOREA)	676 Benq Corporation. (CHINESE TAIPEI)		
434 silex technology, Inc.	48 TOSHIBA TEC CORPORATION (CHINESE TAIPEI)	3453 Bad Elf (USA)	3644 Beseye Cloud Security Co., Ltd. (CHINESE TAIPEI)		
		2995 Barco N.V. (BERGIUM)	2964 BizLink Technology Inc (USA)		
		3708 BARUN ELECTRONICS (KOREA)	1130 Blue Coat Systems, Inc. (USA)		

[H]
 1919 Handlink Technologies Inc. (CHINESE TAIPEI)
 2791 Handreamnet Co., Ltd. (KOREA)
 2608 Hangzhou H3C Technologies Co., Ltd. (CHINA)
 3599 HappyOrNot Ltd. (FINLAND)
 1918 HARMONIC INC. (USA)
 2636 HCS (Suzhou) Limited (CHINA)
 3059 HID Global Corporation (USA)
 3372 Hitachi Data Systems Corporation (U.K.)
 1724 HON HAI PRECISION IND. CO., LTD. (CHINESE TAIPEI)

3235 Honeywell Scanning & Mobility (USA)
 3582 Honeywld Technology Corp. (CHINESE TAIPEI)
 3385 Hon-Kwang Electric Co., Ltd. (CHINESE TAIPEI)
 1968 Huawei Technologies CO., LTD. (CHINA)
 3625 HUMAX Co., Ltd. (KOREA)
 3580 HYUNDAI IT CO., LTD. (KOREA)
 3365 HYUNDAI MEDIA Co., Ltd. (KOREA)
 3595 Hyve Solutions Corporation (USA)

[I]
 3031 I/O INTERCONNECT INC. (CHINA)
 1737 IEI Integration Corp. (CHINESE TAIPEI)
 3670 IGEL Technology GmbH (GERMANY)
 1272 IYAMA CORPORTION (THE NETHERLANDS)
 2368 Imaging Business Machines, LLC (USA)
 3591 Imperva, Inc. (ISRAEL)
 2664 Infinera Corporation (USA)
 3192 INFINITT Healthcare Co., Ltd. (KOREA)
 2472 INFOBLOX (USA)
 1090 Intel Security (USA)
 3460 Interconnect System Inc. (USA)
 3519 Interface Masters Technologies, Inc. (USA)
 378 Inventec Corporation (CHINESE TAIPEI)
 2947 IPEVO corp (CHINESE TAIPEI)
 2246 Isilon Systems Inc. (USA)

[J]
 3610 Jabil Circuit (Shanghai) Ltd. (CHINA)
 1164 Juniper Networks, Inc. (USA)

[K]
 3683 Kaonmedia Co., LTD. (KOREA)
 3339 Katron Technologies Inc. (CHINESE TAIPEI)
 3325 Kent Displays, Inc. (USA)
 2845 Kingston Digital, Inc. (USA)
 3617 Kinoma, Inc. (USA)
 3574 Konftel AB (SWEDEN)
 3041 Kontron America (USA)
 3317 KOSTEC Co., Ltd. (KOREA)
 861 KYE SYSTEMS CORPORATION (CHINESE TAIPEI)

[L]
 2152 Lantronix Inc. (USA)
 3500 Lastar Inc. (USA)
 3454 LC Future Center Limited Taiwan Branch (CHINESE TAIPEI)
 740 LEADTEK RESEARCH INC (CHINESE TAIPEI)
 1342 LEICA CAMERA AG (GERMANY)
 674 Lexmark International, Inc. (USA)
 256 LG Electronics Inc. (KOREA)
 2481 Lifesize, Inc. (USA)
 3497 Linear Technology (USA)

495 Lite On Technology Corp. (CHINESE TAIPEI)
 3214 Lite-On Technology Corporation (CHINESE TAIPEI)
 1750 LIWANLI Innovation Co., Ltd. (CHINESE TAIPEI)
 532 Logitech Inc. (USA)
 3398 Lookingglass Cyber Solutions (USA)
 3660 Lorom Industrial Co., Ltd. (CHINESE TAIPEI)
 2757 Lumentum Operations LLC (USA)
 3567 Luxshare Precision Industry Co., Ltd. (CHINESE TAIPEI)
 3616 Lynx Innovation Ltd (CHINA)

[M]
 3133 Mad Catz Interactive Asia Limited Inc.,(USA)
 1133 Magic Control Technology Corporation (CHINESE TAIPEI)
 2105 Malvern Instruments Limited (U.K.)
 359 Matrox Electronic Systems (CANADA)
 3639 Matterport, Inc. (USA)
 3278 MBX Systems (USA)
 2863 Mellanox Technologies, Ltd. (ISRAEL)
 3442 Meraki, Inc. (USA)
 3612 Meta Company (USA)
 2694 Micron Consumer Products Group, Inc. (USA)
 3102 Micron Technology, Inc. (USA)
 1639 Microsemi (ISRAEL)
 768 MICROSOFT CORPORATION (USA)
 1573 Micro-Star International Co., Ltd. (CHINESE TAIPEI)
 3632 Milestone Systems Inc. (USA)
 1291 Mimio LLC (USA)
 1433 MITAC COMPUTING TECHNOLOGY CORPORATION (CHINESE TAIPEI)
 1896 MitraStar Technology Corporation (CHINESE TAIPEI)
 3681 MOAI ELECTRONICS CORPORATION (CHINESE TAIPEI)

3036 Modacom Co., Ltd. (KOREA)
 754 MONTEREY INTERNATIONAL CORP. (CHINESE TAIPEI)

3490 Motorola Mobility LLC (USA)
 3529 MOXA INC. (CHINESE TAIPEI)

[N]
 3002 NDS Surgical Imaging (USA)
 3535 Neophotonics (China) Co., Ltd. (CHINA)
 1687 NetApp, Inc (USA)
 1533 Netronix Inc. (CHINESE TAIPEI)
 3712 Netronome Systems, Inc. (USA)
 667 NetScout Systems, Inc. (USA)
 1316 Network Engines Inc, DBA "NEI", & DBA "Unicom Engineering Inc." (USA)
 3362 Newline Interactive Inc. (CHINESE TAIPEI)
 1961 NEXCOM International Co., LTD. (CHINESE TAIPEI)
 3703 Nextbit Systems Inc. (USA)
 3033 NEXTLINK Co., LTD (KOREA)
 3448 Nimble Storage (USA)
 3139 NT-ware Systemprogrammierung GmbH (GERMANY)
 1904 NueTeq Technology, Inc. (CHINESE TAIPEI)
 3336 Nutanix, Inc. (USA)

1423 NVIDIA CORPORATION (USA)
 [O]
 3261 Oce Technologies B.V. (THE NETHERLANDS)
 3700 OCZ Storage Solutions (USA)
 3550 Opendgear Inc (USA)
 2559 Optica Technologies Inc. (USA)
 241 Oracle America, Inc. (USA)
 3489 Orbotix, Inc. dba Sphero (USA)
 3062 Orion Technology Co., Ltd. (KOREA)
 577 Overland Storage Inc. (USA)
 3657 OXTI CORPORATION (CHINESE TAIPEI)

[P]
 3441 Palo Alto Networks Inc (USA)
 3434 Panasas, Inc. (USA)
 2372 Panduit Corp. (USA)
 3395 ParTech Inc. (USA)
 1808 PARTNER TECH CORP. (CHINESE TAIPEI)
 3360 PC WORTH INT'L CO., LTD. (CHINESE TAIPEI)
 2869 PEGATRON CORPORATION (CHINESE TAIPEI)
 3536 Pen Generations, Inc. (KOREA)
 2614 Philips & Lite-On Digital Solutions Corp. (CHINESE TAIPEI)
 2181 PIOLINK, Inc. (KOREA)
 3492 piQx Imaging Pte. Ltd. (SINGAPORE)
 2524 Plantronics Inc. (USA)
 3635 Plexxi, Inc. (USA)
 1017 Plustek Inc. (CHINESE TAIPEI)
 748 PMC-Sierra, Inc. (USA)
 3642 PNY TECHNOLOGIES, INC. -Storage Solutions & NewProducts Division (USA)
 578 Polycom, Inc. (U.K.)
 3559 Portwell, Inc. (CHINESE TAIPEI)
 3146 Power Quotient International Co., Ltd. (CHINESE TAIPEI)
 2062 POWERCOM CO., LTD. (CHINESE TAIPEI)
 3374 Pride Tech Corporation (CHINESE TAIPEI)
 851 Primax Electronics Ltd. (CHINESE TAIPEI)
 1910 PROMISE TECHNOLOGY, INC. (CHINESE TAIPEI)
 3658 Pulse Secure, LLC (USA)

[Q]
 2841 Qisda Corporation (CHINESE TAIPEI)
 1182 Qlogic Corporation (USA)
 3162 QNAP Systems, Inc. (CHINESE TAIPEI)
 2261 Qualys, Inc. (USA)
 3623 Quanta Cloud Technology Inc. (CHINESE TAIPEI)
 726 QUANTA COMPUTER INC. (CHINESE TAIPEI)
 2039 Quanta Storage Inc. (CHINESE TAIPEI)
 1012 Quantum Corporation (USA)

[R]
 3430 RAD Data Communications Ltd. (ISRAEL)
 2956 RadiSys Corporation (USA)
 2407 Radware Ltd. (ISRAEL)
 3371 Rakuten Kobo Inc. (CANADA)
 1895 Raritan International B.V. Taiwan Branch (CHINESE TAIPEI)
 3437 RF IDEas, Inc. (USA)
 2715 RF Window (KOREA)
 2377 Rimage Corporation (USA)
 2529 Riverbed Technology (USA)

3421 ROAM Data Inc. (USA)
 3076 Robert Bosch Taiwan Co., Ltd. (CHINESE TAIPEI)
 3389 RSUPPORT CO., LTD. (KOREA)
 2480 Ruckus Wireless, Inc. (USA)

[S]
 2469 SAE Technologies Development (Dongguan) Co., Ltd. Chang An Branch (CHINA)
 927 Samji Electronics Co., Ltd. (KOREA)
 2750 SAMPO Corporation Ltd (CHINESE TAIPEI)
 271 SAMSUNG ELECTRONICS Co.,Ltd. (CHINA)
 3122 SanDisk Corp. (USA)
 2168 SanDisk IL (ISRAEL)
 3627 Sanmina Corp (USA)
 1416 Seagate Systems (UK) Ltd (U.K.)
 3046 Seagate Technology (USA)
 2552 SEH Computertechnik GmbH (GERMANY)
 3239 SendTek Corporation (CHINESE TAIPEI)
 481 SerComm Corporation (CHINESE TAIPEI)
 3219 Shenzhen Bitland Information Technology Co., Ltd. (CHINA)
 3618 Shuttle Inc. (CHINESE TAIPEI)
 1591 SIIG, Inc. (USA)
 2306 Silicom Ltd. (ISRAEL)
 286 Silicon Graphics International Corporation (USA)
 2535 Silver Peak Systems, Inc. (USA)
 3131 SK hynix Inc. (KOREA)
 3651 Skyport Systems, Inc. (USA)
 1960 SMART Modular Technologies, Inc. (USA)
 2501 SMART Technologies ULC (CANADA)
 3607 SMAX Technology Co., Ltd. (CHINESE TAIPEI)
 3384 SMEC CO., LTD (KOREA)
 2597 Solace Systems, Inc. (CANADA)
 3279 Solarflare Communicaitons Inc (U.K.)
 794 SOLID YEAR CO.,LTD. (CHINESE TAIPEI)
 3158 SOLiD, Inc. (KOREA)
 1558 Sonus Networks, Inc. (USA)
 3249 Sophos Ltd (U.K.)
 3653 Spacelink Corporation (KOREA)
 3650 Spectra Logic Corporation (USA)
 3447 SteelSeries APs (CHINESE TAIPEI)
 1498 Stratus Technologies, Inc. (USA)
 3243 SUNIX Co., Ltd. (CHINESE TAIPEI)
 2173 SUNNY COMPUTER TECHNOLOGY CO., LTD. (CHINA)
 2933 Sunrex Technology Corp (CHINESE TAIPEI)
 1880 SUPER MICRO COMPUTER INC. (USA)

[T]
 3271 TA Technology (Shanghai) Co.,Ltd (CHINA)
 3175 Taiwan BOE Vision-electronic Technology Co., Ltd. (CHINESE TAIPEI)
 1078 Tandberg Data GmbH (GERMANY)
 224 Tatung Company (CHINESE TAIPEI)
 3408 TECO Image Systems Co., Ltd (CHINESE TAIPEI)
 3023 Tektronix Communications (USA)
 3483 Tellabs Inc (USA)
 2943 Teradata Corporation (USA)
 3120 Thecus Technology Corp. (CHINESE TAIPEI)
 2645 Thomson Video Networks (FRANCE)
 3005 TIBCO Software Inc. (USA)
 3466 Tigo Energy, Inc. (USA)

3713 Tintri, Inc. (USA)
 3626 Tobii Technology AB (SWEDEN)
 1601 Top Victory Electronics (Taiwan) Co., Ltd. (CHINESE TAIPEI)
 2229 Toshiba Samsung Storage Technology Korea Corporation (KOREA)
 3652 TP-LINK Technologies Co., Ltd. (CHINA)
 3401 TPV-INVENTA TECHNOLOGY CO., LTD. (CHINESE TAIPEI)

3542 TransAct Technologies Incorporated (USA)
 3695 Trenton Systems (USA)
 3565 Twinhead International Corp. (CHINESE TAIPEI)
 3697 TYCO ELECTRONICS CORPORATION (USA)

[U]
 3609 UGREAT ELECTRONIC CO., LTD (CHINESE TAIPEI)
 2901 Ulticom Inc. (USA)
 886 Universal Global Scientific Industrial Co., Ltd. (CHINESE TAIPEI)
 1792 UTStarcom Telecom Co., Ltd. (CHINA)

[V]
 3668 Veritas Technologies Corp. (USA)
 3003 ViaSat, Inc. (USA)
 2595 ViaScope Inc. (KOREA)
 2963 Vidyo, Inc. (USA)
 3613 ViewSonic International Corporation (CHINESE TAIPEI)
 3194 Vigilent Corporation (USA)
 3277 Violin Memory, Inc. (USA)
 3698 Virtium LLC (USA)
 2443 VIVOTEK INC. (CHINESE TAIPEI)
 3125 Vuzix Corporation (USA)

[W]
 1281 WatchGuard Technologies, Inc. (USA)
 3699 Waterfall Security Solutions LTD (ISRAEL)
 3666 Weifang GoerTek Electronics Co., Ltd (CHINA)
 2432 Western Digital Technologies, Inc. (USA)
 2274 Whalley Computer Associates, Inc. (USA)
 1718 WIBU-SYSTEMS Aktiengesellschaft (GERMANY)
 2418 WIDE CORPORATION (KOREA)
 2912 Wins Co., Ltd. (KOREA)
 3377 WinSpeed Co., Ltd (CHINESE TAIPEI)
 1767 Wistron Corporation (CHINESE TAIPEI)
 3145 Withings (FRANCE)
 3423 Wiwynn Corporation (CHINESE TAIPEI)
 3667 Wurdtech Security Technologies (CANADA)

[X]
 3359 XAC Automation Corporation (CHINESE TAIPEI)
 3538 XYZprinting, Inc. (CHINESE TAIPEI)

[Y]
 3229 YOUNG Lighting Technology Inc. (CHINESE TAIPEI)

[Z]
 1143 Zebra Technologies Corporation (USA)
 1229 ZEBRA TECHNOLOGIES CORPORAION (USA)
 2462 ZF Electronics Corporation (USA)
 3499 ZIN CORPORATION Co., Ltd. (KOREA)

3521 ZOTAC International (Macao Commercial Offshore) Limited (HONG KONG)
 3665 zSpace, Inc. (USA)
 3354 ZTE Corporation (CHINA)
 3646 ZUNIDATA SYSTEMS INC. (CHINESE TAIPEI)
 2596 Zylux Acoustic Corporation (CHINESE TAIPEI)

Supporting Members

<Japanese>

No. Company Name
 [A]
 3196 ANRITSU CUSTOMER SUPPORT CO., LTD.
 [C]
 884 Canon Imaging Systems Inc.
 1192 Chiba Industry Advancement Center Toukatsu Techno Plaza
 1846 Chokuan Information and Industry Development Association
 755 COSMOS CORPORATION
 [E]
 997 E & C Engineering K.K.
 1263 Ehime Institute of Industrial Technology
 259 EMC Japan Corporation
 300 e-OHTAMA, LTD.
 1906 ETS-Lindgren Japan, Inc.
 [F]
 2865 FUJIFILM Techno Products Co., Ltd.
 1115 FUJITSU GENERAL EMC LABORATORY LIMITED
 575 Fukushima Technology Centre
 [G]
 1007 GE Healthcare Japan Corporation
 2586 GIKENKOGYO CO., LTD. TECHNOSHIELD BUSINESS DIVISION
 [H]
 423 HIROSHIMA-TECHNOPLAZA CORPORATION
 1823 Hitachi High-Technologies Corporation
 2207 Hitachi Information & Telecommunication Engineering, Ltd. EMC Center
 3356 Hyogo Prefectural Institute of Technology
 [I]
 3234 Industrial Research Institute of Niigata Prefecture
 397 Industrial Research Institute of Shizuoka Prefecture Hamamatsu Technical Support Center
 742 Industrial Technology Center of OKAYAMA Pref.
 2264 Industrial Technology Center of Tochigi Prefecture
 1213 Industrial Technology Institute, Miyagi Prefectural Government
 999 Intertek Japan K.K.
 579 IPS Corporation
 2227 ISHIKAWA Co., Ltd.

3649 Iwate Industrial Research Institute	[T]	2765 CHUNGBUK TECHNOPARK (KOREA)	592 Hermon Laboratories Ltd. (ISRAEL)	618 Product Safety Engineering, Inc. (USA)	892 Universal Compliance. Labs dba EMCE Engineering (USA)
[J]	346 TDK-Lambda Corporation	213 CKC Laboratories, Inc. (USA)	1814 Hong An Technology CO., LTD. (CHINESE TAIPEI)	409 Professional Testing (EMI), Inc. (USA)	
3619 Japan Automobile Research Institute	996 Tokin EMC Engineering Co., Ltd.	530 Compatible Electronics, Inc. (USA)	3070 Hong Fu Jin Precision Electrons (Yantai) Co., Ltd. (CHINA)	[Q]	[V]
792 JAPAN ELECTRICAL SAFETY & ENVIRONMENT TECHNOLOGY LABORATORIES	1098 TOKYO METROPOLITAN INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	1938 Compliance Certification Services (KunShan) Inc. (CHINA)	2257 Hong Fu Jin Precision Ind. (Shenzhen) Co., Ltd. (CHINA)	1798 QualiTech, EMC Lab. (ISRAEL)	935 VDE Testing and Certification Institute (GERMANY)
140 JEL Limited	943 Toshiba Carrier Engineering & Life Support Corp.	3647 Compliance Certification Services (Shenzhen) Inc. (CHINA)	1145 HURSLEY EMC SERVICES LTD (U.K.)	1153 QuieTek Corporation (CHINESE TAIPEI)	
[K]	3283 Toyama Industrial Technology Center	710 Compliance Certification Services Inc. (CHINESE TAIPEI)	[I]	[R]	[W]
1251 Kagawa Industry Support Foundation	995 TOYO Corporation	3168 Compliance Worldwide, Inc. (USA)	821 I.T.L. (PRODUCT TESTING) LTD (ISRAEL)	3604 Radiometrics Midwest Corporation (USA)	3138 Walshire Labs, LLC (USA)
689 Kanagawa Industrial Technology Center	3396 Toyota Industries Corporation	3330 Core Compliance Testing Services, LLC (USA)	3452 International Certification Corp.(CHINESE TAIPEI)	1908 RETLIF Testing Laboratories (USA)	3581 Wendell Industrial Co., Ltd. (CHINESE TAIPEI)
187 KITAGAWA INDUSTRIES CO., LTD.	811 TUV Rheinland Japan Ltd.	332 CSA Group bayern GmbH (GERMANY)	243 International Standards Laboratory Corp. (CHINESE TAIPEI)	[S]	3289 World Standardization Certification & Testing (Shenzhen) CO., LTD. (CHINA)
3569 KYB Corporation	620 TUV SUD Japan Ltd.	2981 CSA International (CANADA)	1349 Interocean EMC Technology Corp. (CHINESE TAIPEI)	3707 Savvius, Inc. (USA)	2450 Worldwide Testing Services (Taiwan) Co., Ltd. (CHINESE TAIPEI)
3304 Kyoritsu Electric Corporation	240 TUV SUD Zacta Ltd.	1208 CTK Co., Ltd. (KOREA)	960 Intertek Testing Services Hong Kong Ltd. (HONG KONG)	2793 SGS Germany GmbH (GERMANY)	
[L]	[U]	[D]	3598 Intertek Testing Services Ltd., Shanghai (CHINA)	3300 SGS North America (USA)	[Y]
1370 Labotech International Co., Ltd.	474 UL Japan, Inc	270 D.L.S. Electronic Systems, Inc. (USA)	909 Intertek Testing Services NA Inc. -ETL- (USA)	1600 SGS Taiwan Ltd. (CHINESE TAIPEI)	1006 YORK EMC SERVICES LTD. (U.K.)
[M]	424 UL Japan, Inc.	910 DELTA Danish Electronics, Light & Acoustics (DENMARK)	1253 Intertek Testing Services Taiwan Ltd. (CHINESE TAIPEI)	3061 SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. (CHINA)	1062 York EMC Services, Grangemouthd (U.K.)
1301 Minami-Shinsyu Iida Industry Center	[W]	715 DNB Engineering, Inc. (USA)	3685 ITC Engineering Services, Inc. (USA)	1937 SGS-CSTC Standards Technical Services Co., Ltd. (CHINA)	
1438 Miyazaki Prefecture Industrial Technology Center	260 WAVE CORPORATION	3207 DSTech Co. (KOREA)	[J]	2621 Shanghai Institute of Measurement and Testing Technology EMC Lab. (CHINA)	
2973 M-System Co., Ltd.	[Y]	1722 DT&C Co., Ltd. (KOREA)	2746 Jiangsu Electronic Information Product Quality Supervision & Inspection Institute (CHINA)	3525 Shenzhen Academy of Metrology and Quality Inspection (CHINA)	
[N]	3318 YAMAHA MOTOR CO., LTD.	[E]	3462 JNDL Laboratory CO., LTD. (KOREA)	2218 Shenzhen Huatongwei International Inspection Co., Ltd. (CHINA)	
352 Nagano Prefectural General Industrial Technology Center Precision and Electronics Technology Department	911 Yashima Denki Co., LTD.	1607 Electrical and Electronics Institute (EEI), Thailand (THAILAND)	[K]	3641 Shenzhen TCT Testing Technology Co., Ltd. (CHINA)	
2430 NIHON KOHDEN CORPORATION	92 YOKOGAWA ELECTRIC CORPORATION	922 ELECTRO MAGNETIC TEST, INC. (USA)	1980 KCTL Inc. (KOREA)	3081 SIEMIC INC (USA)	
3592 NIPPON SEIKI CO., LTD.	<Overseas>	2870 ElectroMagnetic Investigations, LLC(USA)	3669 KES Co., Ltd. (KOREA)	3071 SINGAPORE EPSON INDUSTRIAL PTE LTD (SINGAPORE)	
3562 NISSEI ELECTRIC CO., LTD.	No. Company Name	3322 Electromagnetic Testing Services Ltd (U.K.)	3465 Keystone Compliance, LLC (USA)	1411 SK Tech Co., Ltd. (KOREA)	
684 NOISE LABORATORY CO., LTD.	[A]	277 Electronics Testing Center, Taiwan (CHINESE TAIPEI)	2005 KOSTEC Co., Ltd. (KOREA)	3561 SP Technical Research Institute of Sweden (SWEDEN)	
2689 Noritz Corporation	3034 A Test Lab Techno Corp. (CHINESE TAIPEI)	657 Element Materials Technology Warwick Ltd. (U.K.)	[L]	842 Spectrum Research & Testing Laboratory Inc. (CHINESE TAIPEI)	
[O]	1831 Advanced Compliance Solutions, Inc. (USA)	2649 EMC Integrity, Inc. (USA)	3376 Laboratoria De Nayer VZW (BERGIUM)	466 Sporton International Inc.(CHINESE TAIPEI)	
3577 OG GIKEN CO., LTD.	2186 APPLUS+ LGAI (SPAIN)	785 EMC Technologies Pty Ltd (AUSTRALIA)	3656 Lab-T, Inc. (KOREA)	3096 Standard Bank Co., Ltd (KOREA)	
3568 OHTAMA CALIBRATION SERVICE Co., Ltd.	966 Atlas Compliance & Engineering, Inc. (USA)	1409 EMCCons DR. RASEK GmbH & Co. KG (GERMANY)	3533 LCIE Bureau Veritas (FRANCE)		
898 OKI ENGINEERING CO., LTD.	1257 AUDIX Technology (Shanghai) Co., Ltd. (CHINA)	2210 EMITECH Angers (FRANCE)	1132 Liberty Labs, Inc. (USA)	[T]	
[P]	638 Audix Technology (Shenzhen) Co., Ltd. (CHINA)	2893 EMTEK (shenzhen) Co., Ltd. (CHINA)	2411 LTA Co., Ltd. (KOREA)	658 Test Site Services (USA)	
2024 Panasonic Factory Solutions Co., Ltd.	2653 Audix Technology (Wujiang) Co., Ltd. (CHINA)	719 EMV TESTHAUS GMBH (GERMANY)	[M]	3379 The Compliance Management Group (CMG)(USA)	
608 Panasonic System Networks Evaluation Technology Co., Ltd.	237 Audix Technology Corporation (CHINESE TAIPEI)	3270 EST Technology Co., Ltd (CHINA)	757 MET LABORATORIES, INC. (USA)	3587 The First Research Institute of Telecom. Tech. TFTX Laboratory (CHINA)	
2923 PFU TECHNOCONSUL Limited	[B]	3470 ESTECH Co., Ltd. (KOREA)	2959 MiCOM Labs (USA)	1328 The Hong Kong Standards and Testing Centre Ltd. (HONG KONG)	
[R]	981 Bay Area Compliance Laboratories Corp.(USA)	1474 ETL Inc. (KOREA)	3575 MRT Technology (Suzhou) Co., Ltd (CHINA)	831 The Standards Institution of Israel (SII) (ISRAEL)	
2285 Radio Engineering & Electronics Association	3387 Bay Area Compliance Labs Corp., (ShenZhen) (CHINA)	2657 Eurofins Product Service GmbH (GERMANY)	[N]	916 3C Test Ltd (U.K.)	
1398 RAKURYOU TECHNICA CO., LTD.	3329 BEC Incorporated (USA)	[F]	1211 National Technical Systems (USA)	3241 TPV Display Technology (Xiamen) Co., Ltd.(CHINA)	
485 RIKEN ENVIRONMENTAL SYSTEM Co., Ltd	672 BTL Inc. (CHINESE TAIPEI)	3636 F Squared Engineering Corp dba F2 Labs (USA)	3702 Nebraska Center for Excellence in Electronics (NCEE Labs) (USA)	2697 TUV Rheinland (Guangdong) Ltd.(CHINA)	
2759 Rohde & Schwarz Japan K.K.	2709 BTL Inc. (CHINA)	2003 Flextronics Canada Design Services Inc. (CANADA)	642 Nemko AS (NORWAY)	639 TUV Rheinland Nederland BV (THE NETHERLANDS)	
1337 Roland Corporation	818 Bureau Veritas Consumer Products Services (USA)	[G]	2118 Nemko Korea Co., Ltd. (KOREA)	1097 TUV Rheinland of North America (USA)	
[S]	2213 Bureau Veritas Consumer Products Services (GERMANY)	2778 Global Certification Corp. (CHINESE TAIPEI)	564 Northwest EMC, Inc. (USA)	3252 TUV Rheinland Taiwan Ltd. (CHINESE TAIPEI)	
3446 Samoto & Associates, Ltd.	395 Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch (CHINESE TAIPEI)	2718 Global EMC Inc. (CANADA)	[O]	129 TUV SUD America Inc. (USA)	
2906 SELA Corporation	2115 Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch (CHINA)	708 Global EMC Standard Tech. Corp.(CHINESE TAIPEI)	782 ONETECH Corp. (KOREA)	433 TUV SUD Product Service Ltd. (U.K.)	
2563 SGS RF Technologies Inc.	1818 BWS TECH, INC. (KOREA)	2752 Global Testing Laboratories (USA)	[P]	542 TUV SUD PSB Pte Ltd (SINGAPORE)	
3274 Shimane Insutitute Industrial Technology	[C]	3373 Guangzhou GRG Metrology and Test CO., LTD (CHINA)	656 PCTEST Engineering Laboratory, Inc.(USA)	[U]	
1849 Sony Global Manufacturing & Operations Corporation	1847 Central Research Technology Co. (CHINESE TAIPEI)	3677 Guangzhou Quality Supervision And Testing Institute (GQT) (CHINA)	3418 PEP Certification Corp. (CHINESE TAIPEI)	3148 UL International Singapore Pte Ltd (SINGAPORE)	
	3517 Centre of Testing Service Co., Ltd. (CHINA)	2092 Gumi University EMC Center (KOREA)	2670 Precision Machinery Research & Development Center (CHINESE TAIPEI)	596 UL LLC (USA)	
	3177 Centre Testing International Group Co., Ltd. (CHINA)	[H]		376 UL Verification Services Inc. (USA)	
	2216 Cerpess Technology Corporation (CHINESE TAIPEI)	3606 Hangzhou TDT Technologies Co., Ltd (CHINA)		1309 Ultratech Engineering Labs Inc. (CANADA)	
	2783 CETECOM GmbH (GERMANY)	3026 HCL TECHNOLOGIES LTD. (INDIA)		3648 UniLab (Shanghai) Co., Ltd. (CHINA)	
	555 Chomerics Test Services (USA)	264 HCT Co., Ltd (KOREA)			

Settlement of account for FY2015

(Statement of net assets)

From April 1, 2015 to March 31, 2016

(unit: Japanese yen)

Items	Current fiscal year	Previous fiscal year	Increase or decrease
I. Statement of general net assets			
1. Ordinary increase and decrease			
(1) Ordinary earnings			
① Admission fees received	(3,950,000)	(4,050,000)	(△ 100,000)
Admission fees received	3,950,000	4,050,000	△ 100,000
② Membership fees received	(237,450,000)	(240,050,000)	(△ 2,600,000)
Membership fees received	237,450,000	240,050,000	△ 2,600,000
③ Earning on enterprise fees	(17,642,000)	(17,192,000)	(△ 450,000)
Site registration fees	13,742,000	14,194,000	△ 452,000
Seminar enrollment fees	3,900,000	2,998,000	902,000
④ Miscellaneous earnings	(2,039,949)	(206,172)	(1,833,777)
Miscellaneous earnings	2,039,949	206,172	1,833,777
Total ordinary earnings	261,081,949	261,498,172	△ 416,223
(2) Ordinary expenditure			
① Enterprise expenditure	(228,405,446)	(243,265,415)	(△ 14,859,969)
Labor	56,694,971	59,748,103	△ 3,053,132
Enterprise overhead	49,331,382	52,298,063	△ 2,966,681
Operating expenditure	3,253,383	3,040,899	212,484
Standards setting	17,647,345	24,499,709	△ 6,852,364
Technical education and training	7,249,398	6,212,280	1,037,118
Market surveillance	26,999,211	25,278,657	1,720,554
International relations operation	6,328,306	3,715,753	2,612,553
Public relations	17,312,517	23,108,853	△ 5,796,336
Site registration expenditure	34,800,000	36,822,000	△ 2,022,000
Transfer to bonus reserve fund	5,550,133	5,532,666	17,467
Transfer to retirement allowance reserve fund	2,062,800	2,336,432	△ 273,632
Transfer to officers retirement bonus reserve fund	1,176,000	672,000	504,000
② Administrative expenditure	(31,250,224)	(30,404,688)	(△ 845,536)
Labor	14,173,731	14,937,003	△ 763,272
Housekeeping	14,879,260	13,332,411	1,546,849
Transfer to bonus reserve fund	1,387,533	1,383,167	4,366
Transfer to retirement allowance reserve fund	515,700	584,107	△ 68,407
Transfer to officers retirement bonus reserve fund	294,000	168,000	126,000
Total ordinary expenditure	259,655,670	273,670,103	△ 14,014,433
Current fiscal year ordinary increase and decrease amount	1,426,279	△ 12,171,931	13,598,210

Items	Current fiscal year	Previous fiscal year	Increase or decrease
General net assets before TAX	1,426,279	△ 12,171,931	13,598,210
Corporation tax, residential tax and enterprise tax	70,000	70,000	0
Current fiscal year general net assets	1,356,279	△ 12,241,931	13,598,210
Balance of general net assets at the beginning of the term	326,473,891	338,715,822	△ 12,241,931
Balance of general net assets at the end of the term	327,830,170	326,473,891	1,356,279
II. Balance of net assets at the end of the term	327,830,170	326,473,891	1,356,279

NOA Bldg.



Headquarters

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Participating organizations

Japan Electronics and Information
Technology Industries Association (JEITA)
Japan Business Machine and Information
System Industries Association (JBMIA)
Communications and Information network
Association of Japan (CIAJ)

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