

(NOTE for EN301 489-1, EN301 489-17)

ECOSYS M6030cdn, M6530cdn, M6035cidn M6535cidn, P6130cdn, P6035cdn and P7040cdn are quite same, because control system of IB-51, wireless LAN is same as all models.

In accordance with this consideration, We concluded that the measurement was conducted only for ECOSYS M6535cidn having the superior specifications, unless otherwise noted in this report.

EN301 489-1/1.9.2

EN301 489-17/2.2.1

Clause 9.3 Electrostatic Discharge Immunity Test

Operation mode: Wireless LAN continuous data access mode

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	ECOCYS M6535cidn	Z6D4Z00065
Paper Feeder	PF-5100	ZC34900236
		ZC34900237
		ZC34900238
Manual Stapler	MS-5100	V6Y4800015
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Hard Disk Drive	HD-6	TEST-1
	HD-7	TEST-1

Date : 30 June, 2015

Temperature : 21°C

Humidity : 45%

Atom. Pressure : 1010hPa

Testing Place : Kyocera Document Solutions Tamaki Factory

Power Input : AC230V, 50Hz

Tested by : Seiji Kanayama



This test was applied as follows.

<i>Voltage</i>	<i>Discharging method</i>	<i>Criteria</i>	<i>Result</i>
$\pm 4.0\text{kV}$	Contact discharge	B	Pass
$\pm 8.0\text{kV}$	Air discharge	B	Pass
$\pm 4.0\text{kV}$	Indirect discharge	B	Pass

Test equipment used:

ESD Generator : ESS-200AX (Noise Laboratory Co., Ltd.)
ESD Gun : TC-815D (Noise Laboratory Co., Ltd.)



EN301 489-1/1.9.2
EN301 489-17/2.2.1
Clause 9.4 Electrical Fast Transient/Burst
Immunity Test

Operation mode: Wireless LAN continuous data access mode

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	ECOCYS M6535cidn	Z6D4Z00065
Paper Feeder	PF-5100	ZC34900236
		ZC34900237
		ZC34900238
Manual Stapler	MS-5100	V6Y4800015
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Hard Disk Drive	HD-6	TEST-1
	HD-7	TEST-1

Date : 30 June, 2015

Temperature : 21°C

Humidity : 45%

Atom. Pressure : 1010hPa

Testing Place : Kyocera Document Solutions Tamaki Factory

Power Input : AC230V, 50Hz

Tested by : Seiji Kanayama

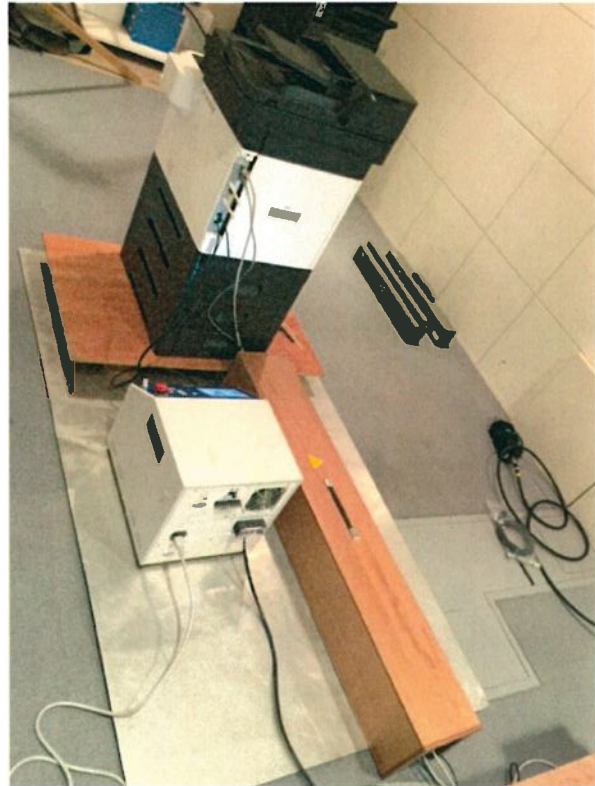


This test was applied as follows.

		<i>Voltage</i>	<i>Duration</i>	<i>Criteria</i>	<i>Result</i>
E.U.T. Power Line	PE	$\pm 1.0\text{kV}$, 5kHz	1 min.	B	Pass
	L				
	N				
Communication Line		$\pm 0.5\text{kV}$, 5kHz	1 min.	B	Pass

Test equipment used:

EFT/B Test System : FNS-AX3-A16B (Noise Laboratory Co., Ltd.)



EN301 489-1/1.9.2
EN301 489-17/2.2.1
Clause 9.2 Radiated RF Electromagnetic Field
Immunity Test

Operation mode: Wireless LAN continuous data access mode

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	ECOCYS M6535cidn	Z6D4Z00065
Paper Feeder	PF-5100	ZC34900236
		ZC34900237
		ZC34900238
Manual Stapler	MS-5100	V6Y4800015
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Hard Disk Drive	HD-6	TEST-1
	HD-7	TEST-1

Date : 29 June, 2015

Temperature : 22°C

Humidity : 55%

Atom. Pressure : 1015hPa

Testing Place : Labotech International Co.,Ltd.

Power Input : AC230V, 50Hz

Tested by : Seiji Kanayama

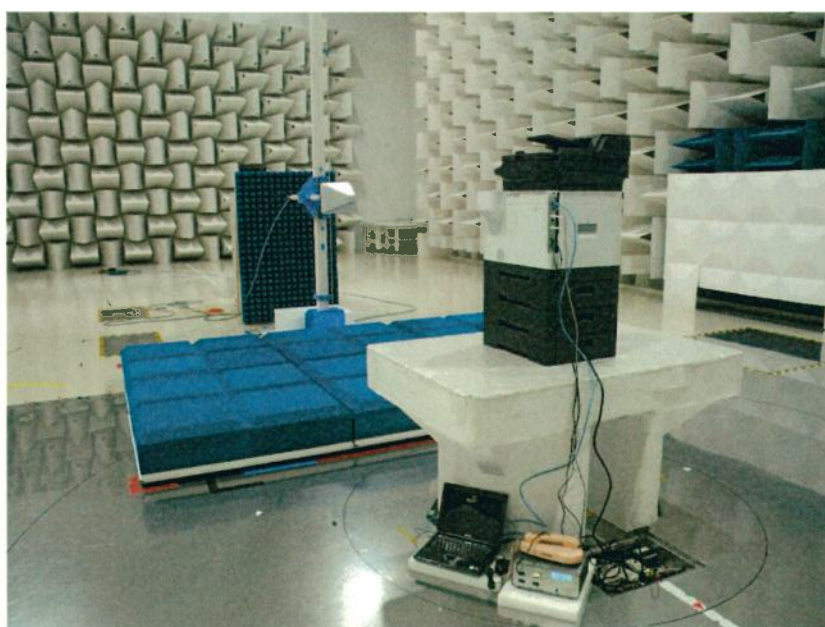


This test was applied as follows.

<i>Frequency</i>	<i>Polarity</i>	<i>RF Level</i>	<i>Criteria</i>	<i>Result</i>
80~1000 MHz	Vertical	3V/m, 80%, 1 kHz AM Modulation	A	Pass
	Horizontal			Pass
1400~2700 MHz	Vertical	3V/m, 80%, 1 kHz AM Modulation	A	Pass
	Horizontal			Pass

We tested at EMC Laboratory of Labotech International Co., Ltd

Test equipment used: See the attached documents for details.



EN301 489-1/1.9.2
EN301 489-17/2.2.1
Clause 9.5 Conducted RF Electromagnetic Field
Immunity Test

Operation mode: Wireless LAN continuous data access mode

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	ECOCYS M6535cidn	Z6D4Z00065
Paper Feeder	PF-5100	ZC34900236
		ZC34900237
		ZC34900238
Manual Stapler	MS-5100	V6Y4800015
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Hard Disk Drive	HD-6	TEST-1
	HD-7	TEST-1

Date : 30 June, 2015

Temperature : 21°C

Humidity : 45%

Atom. Pressure : 1010hPa

Testing Place : Kyocera Document Solutions Tamaki Factory

Power Input : AC230V, 50Hz

Tested by : *Seiji Kanayama*

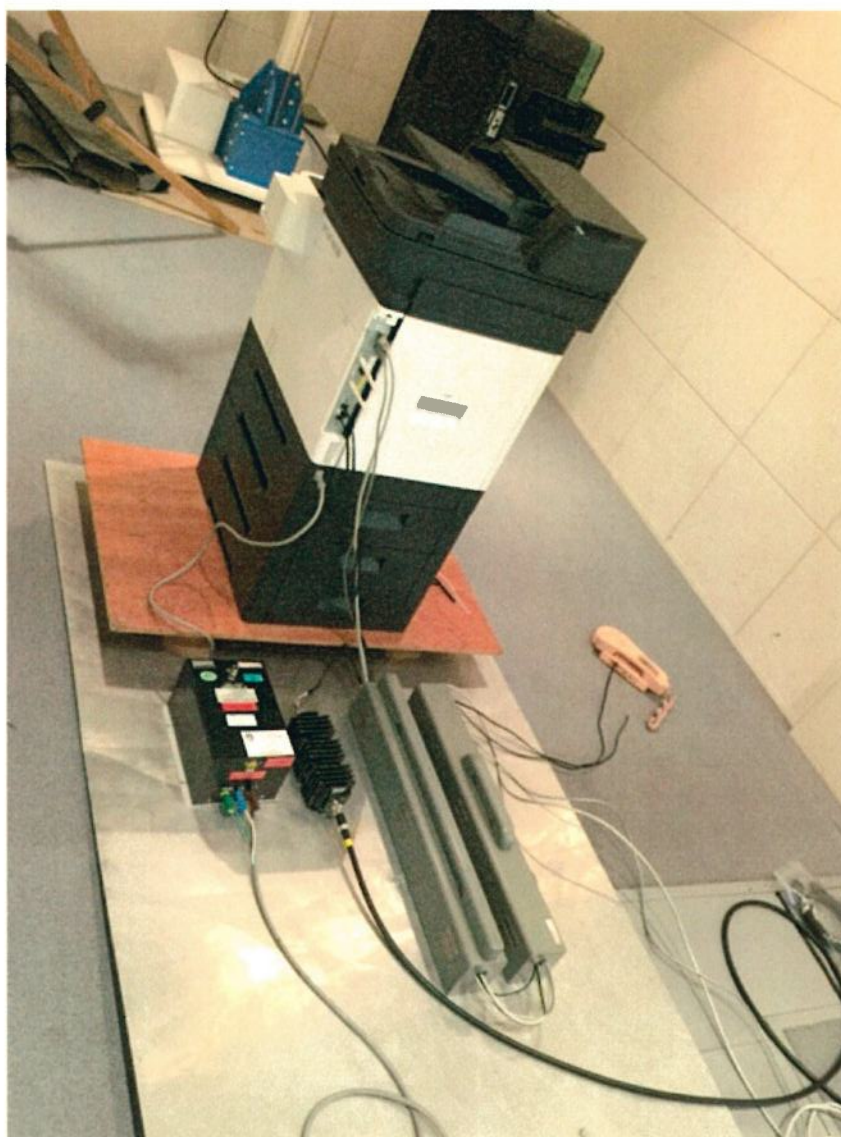


This test was applied as follows.

	<i>Frequency</i>	<i>RF Level</i>	<i>Criteria</i>	<i>Result</i>
E.U.T. Power Line	0.15~80 MHz	3V/m, 80%, 1 kHz AM Modulation	A	Pass
Communication Line				

We tested at Tamaki EMC Laboratory of KYOCERA Document Solutions Tamaki Factory.

Test equipment used: See the attached documents for details.



EN301 489-1/1.9.2

EN301 489-17/2.2.1

Clause 8.2 Radiated Emission Measurement

Clause 8.4, 8.7 Conducted Emission Measurement

Clause 8.5 Harmonic Current Emissions Measurement

Clause 8.6 Voltage Fluctuations and Flicker Measurement

Clause 9.8 Surge Immunity Test

Clause 9.7 Voltage Dips, Short Interruption and Voltage Variation Immunity Test

Refer to the EN555022, EN55024, EN61000-3-2 and EN61000-3-3 reports as followings.

EN301 489-1 / EN301 489-17, these test situation about standards are same as EN55022, EN55024, EN61000-3-2 and EN61000-3-3 reports.

EN301 489-1/EN301 489-17	EN55022, EN55024, EN61000-3-2, EN61000-3-3
Clause 8.2 Radiated emission	EN55022 Radiated emission
Clause 8.4,8.7 Conducted emission	EN55022 Radiated emission
Clause 8.5 Harmonic current emissions	EN61000-3-2 Harmonic current emissions
Clause 8.6 Voltage fluctuations and flicker	EN61000-3-3 Voltage fluctuations and flicker
Clause 9.7 Voltage dips, short interruption and voltage variation immunity test	EN61000-4-11 in EN55024 Voltage dips, short interruption and voltage variation immunity test
Clause 9.8 Surge immunity test	EN61000-4-5 in EN55024 Surge immunity test

List of Tests and Measurement Equipment

**Radiated RF Electromagnetic Field Immunity Test in Kyocera Document Solutions
Tamaki Factory**

**Conducted RF Electromagnetic Field Immunity Test in Kyocera Document Solutions
Tamaki Factory**

<i>Equipment</i>	<i>Type</i>	<i>Manufacturer</i>	<i>Serial No.</i>
RF Signal Generator	HP8648B	Hewlett Packard	3642U01646
RF Power Amplifier	757LCB	Kalmas Engineering	8289-1
Amplifier Interface	IF-488	Kalmas Engineering	8289-2
Power Reflection Meter	NRT	Rohde&Schwarz	825490 / 003
Power Head	NAP-Z5	Rohde&Schwarz	847424 / 027
Field Sensor	HI-4422	Comtest International	96168
O/E Converter	HI-4413P	Comtest International	800 – 9205
Birog Antenna	CBL6140	Schaffner Chase EMC	1107
Pulse Generator	2416A	Pragmatic Instruments	818314 820344
Current Sensor Probe	CSP9160	Schaffner Chase EMC	1059
Millivolt Meter	URV55	Rohde&Schwarz	846100 / 028
Insertion Unit	URV5-Z4	Rohde&Schwarz	848566 / 018
EM Injection Clamp	T/EM-801-23mm	Fisher Custom Communication	102
Decoupling Network	T/EM-DCN-23mm	Fisher Custom Communication	313
Calibration Fixture	T/EM-801-CF-23mm	Fisher Custom Communication	338
CDN	TCDN-801-M3-32	Fisher Custom Communication	9851
CDN	TCDN-801-S25	Fisher Custom Communication	9850
CDN(Calibration tools)	TCDN-801-150-50	Fisher Custom Communication	9852, 9853