

SECTION 1

Test Reports of Immunity

(EN55024/1998+A1/2001+A2/2003)

EN61000-4-2/1995

Electrostatic Discharge Immunity Test

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 3500i / 4500i / 5500i	TEST-1
Paper Feeder	PF-730	TEST-1
	PF-740	TEST-1
Side Paper Feeder	PF-770	TEST-1
Document Processor	DP-770	TEST-1
	DP-771	TEST-1
Finisher	DF-770	TEST-1
	DF-790	TEST-1
Punch Unit	PH-7C / PH-7D	TEST-1
Booklet Folder	BF-730	TEST-1
Mulch Tray	MT-730	TEST-1
Job Separator	JS-730	TEST-1
	JS-731	TEST-1
Bridge	AK-730	TEST-1
Printer NIC	IB-50	TEST-1
FAX Kit	FAX System (V)	TEST-1

Date : 17 February, 2011

Temperature : 23°C

Humidity : 57%

Atom. Pressure : 1011hPa

Testing Place : Kyocera Mita CE Test Room

Power Input : AC230V, 50Hz

Tested by : Takayuki Matsuura

T. Matsuura

This test was applied as follows.

<i>Voltage</i>	<i>Discharging method</i>	<i>Criteria</i>	<i>Result</i>
± 4.0kV	Contact discharge	B	Pass
± 8.0kV	Air discharge	B	Pass
± 4.0kV	Indirect discharge	B	Pass

Test equipment used:

ESD Generator : ESS-200AX (Noise Laboratory Co., Ltd.)

ESD Gun : TC-815D (Noise Laboratory Co., Ltd.)

Electrostatic Discharge Immunity Test

Model : TASKalfa 3500i / 4500i / 5500i

(Test Date : 2011.February.)

◎Operation Mode

1. Stand by
2. Copy
3. LAN Print (On Board)
4. FAX Tx + USB Print

◎Discharge Method

- C : Contact Discharge
A : Air Discharge
V : Discharge into VCP
H : Discharge into HCP

P. 1 / 2

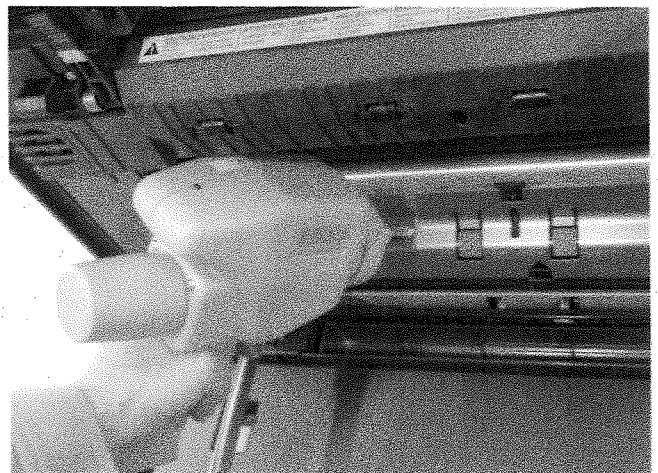
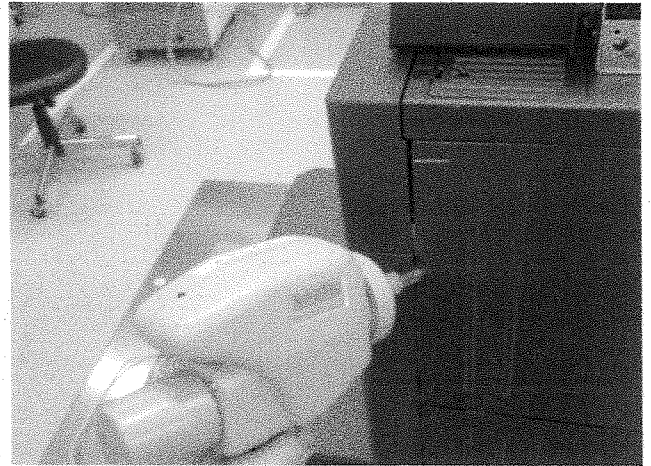
No.	Discharged parts	Mode	Method	Result
	●MFP (Main)			
01	Screws for Operation Panel	1, 2, 3, 4	C, A	Worked Normal
02	Screws for Right Side	1, 2, 3, 4	C, A	Worked Normal
03	Handle	1, 2, 3, 4	C, A	Worked Normal
04	Fixing Mount for Printer and FAX Kit	1, 2, 3, 4	C, A	Worked Normal
05	Connector for LAN Port Line	1, 2, 3, 4	C, A	Worked Normal
06	Connector for USB Port Line	1, 2, 3, 4	C, A	Worked Normal
07	Screws for Back Side	1, 2, 3, 4	C, A	Worked Normal
08	Fixing Mount for AC Inlet	1, 2, 3, 4	C, A	Worked Normal
09	Fixing Mount for Modular Connector	1, 2, 3, 4	C, A	Worked Normal
10	Screws for Left Side	1, 2, 3, 4	C, A	Worked Normal
11	Metallic Parts for Bypass	1, 2, 3, 4	C, A	Worked Normal
12	Screws for Top Side	1, 2, 3, 4	C, A	Worked Normal
13	Metallic Parts in Inner Tray	1, 2, 3, 4	C, A	Worked Normal
14	Screws for top side	1, 2, 3, 4	C, A	Worked Normal
15	Screws for left side	1, 2, 3, 4	C, A	Worked Normal
16	Screws for right side	1, 2, 3, 4	C, A	Worked Normal
17	Screws for back side	1, 2, 3, 4	C, A	Worked Normal
18	Metallic cover for back side	1, 2, 3, 4	C, A	Worked Normal
19	Attachment for Finisher	1	C, A	Worked Normal
20	Inner metallic parts in bypass part	1	C, A	Worked Normal
21	Inner metallic parts inside front cover (*opened)	1	C, A	Worked Normal
22	Inner metallic parts in paper cassettes	1	C, A	Worked Normal
	●DP			
23	Screws for back side	1, 2, 3, 4	C, A	Worked Normal
24	Left / right hinge	1, 2, 3, 4	C, A	Worked Normal
25	Metallic parts for convey part	1, 2, 3, 4	C, A	Worked Normal
26	Inner metallic parts inside top cover	1	C, A	Worked Normal
27	Metallic parts for bottom side	1	C, A	Worked Normal
	●Finisher			
28	Screws for back side	1, 2, 3, 4	C, A	Worked Normal
29	Screws for left side	1, 2, 3, 4	C, A	Worked Normal
30	Metallic parts for left side	1, 2, 3, 4	C, A	Worked Normal
31	Metallic parts for paper exit part	1, 2, 3, 4	C, A	Worked Normal
32	Finisher base	1, 2, 3, 4	C, A	Worked Normal
33	Inner metallic parts inside front cover	1	C, A	Worked Normal
34	Inner metallic parts inside top cover	1	C, A	Worked Normal
	●Paper Feeder, Side Paper Feeder			
35	Screws for Right Side	1, 2, 3, 4	C, A	Worked Normal
36	Screws for back side	1, 2, 3, 4	C, A	Worked Normal
04	Screws for Top side	1	C, A	Worked Normal
37	Inner metallic parts inside top cover	1	C, A	Worked Normal
38	Inner metallic parts in paper cassettes	1	C, A	Worked Normal

No.	*Indirect Discharge	Mode	Method	Result
01	Front Side	1, 2, 3, 4	V	Worked Normal
02	Rear Side	1, 2, 3, 4	V	Worked Normal
03	Left Side	1, 2, 3, 4	V	Worked Normal
04	Right Side	1, 2, 3, 4	V	Worked Normal

Photograph of Tested Device Configuration

(Electrostatic Discharge Immunity Test)

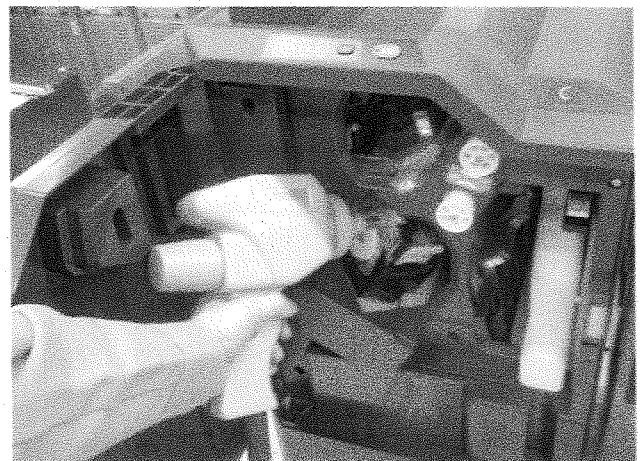
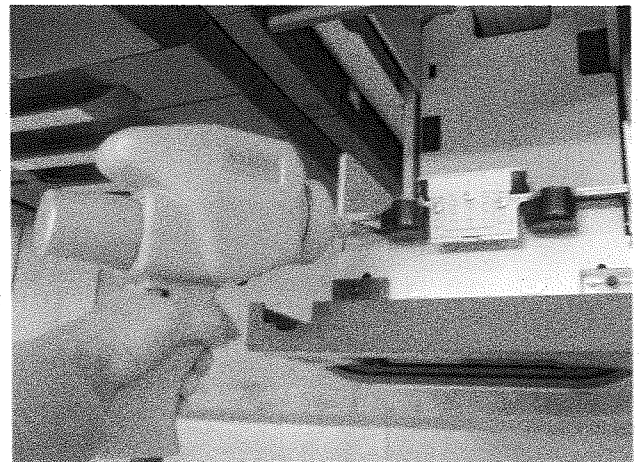
No.1



Photograph of Tested Device Configuration

(Electrostatic Discharge Immunity Test)

No.2



EN61000-4-4/1995

Electrical Fast Transient/Burst Immunity Test

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 3500i / 4500i / 5500i	TEST-1
Paper Feeder	PF-730	TEST-1
	PF-740	TEST-1
Side Paper Feeder	PF-770	TEST-1
Document Processor	DP-770	TEST-1
	DP-771	TEST-1
Finisher	DF-770	TEST-1
	DF-790	TEST-1
Punch Unit	PH-7C / PH-7D	TEST-1
Booklet Folder	BF-730	TEST-1
Mulch Tray	MT-730	TEST-1
Job Separator	JS-730	TEST-1
	JS-731	TEST-1
Bridge	AK-730	TEST-1
Printer NIC	IB-50	TEST-1
FAX Kit	FAX System (V)	TEST-1

Date : 18 February, 2011

Temperature : 24°C

Humidity : 55%

Atom. Pressure : 1015hPa

Testing Place : Kyocera Mita CE Test Room

Power Input : AC230V, 50Hz

Tested by : Takayuki Matsuura

T. Matsuura

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 : E-Class Series 100 + E412

(KeyTek Instrument Corp.)

EFT/B Immunity Test

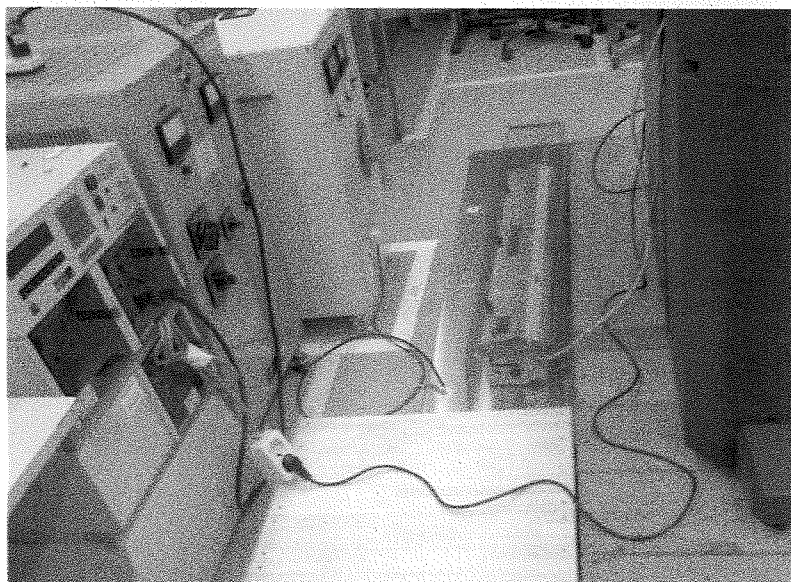
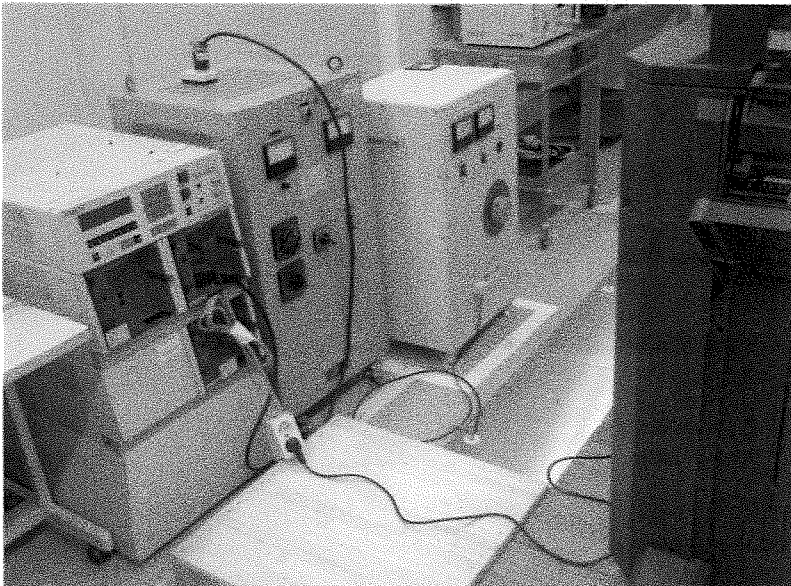
Model : TASKalfa 3500i / 4500i / 5500i

(Test Date: 2011.February.)

	Power Supply Port			Communication Port	*Remarks
	PE	L1	L2		
1. Copy	Worked normal	Worked normal	Worked normal	LAN Cable/USB Cable/Modular Cable	
2. USB Print + FAX Tx	Worked normal	Worked normal	Worked normal	Worked normal	
3. LAN Print (On Board / Fiery Controller)	Worked normal	Worked normal	Worked normal	Worked normal	

Photograph of Tested Device Configuration

(EFT/B Immunity Test)



EN61000-4-5/1995

Surge Immunity Test

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 3500i / 4500i / 5500i	TEST-1
Paper Feeder	PF-730	TEST-1
	PF-740	TEST-1
Side Paper Feeder	PF-770	TEST-1
Document Processor	DP-770	TEST-1
	DP-771	TEST-1
Finisher	DF-770	TEST-1
	DF-790	TEST-1
Punch Unit	PH-7C / PH-7D	TEST-1
Booklet Folder	BF-730	TEST-1
Mulch Tray	MT-730	TEST-1
Job Separator	JS-730	TEST-1
	JS-731	TEST-1
Bridge	AK-730	TEST-1
Printer NIC	IB-50	TEST-1
FAX Kit	FAX System (V)	TEST-1

Date : 21 February, 2011

Temperature : 26°C

Humidity : 56%

Atom. Pressure : 1014hPa

Testing Place : Kyocera Mita CE Test Room

Power Input : AC230V, 50Hz

Tested by : Takayuki Matsuura

T. Matsuura

This test was applied as follows.

		<i>Voltage</i>	<i>Degree</i>	<i>Criteria</i>	<i>Result</i>
E.U.T. Power Line	L1-L2	± 1.0kV	0 ° , 90 ° , 270 °	B	Pass
	L1-PE	± 2.0kV			Pass
	L2-PE	± 2.0kV			Pass

Test equipment used:

Surge Test System : E-Class Series 100 + E501A + E551

(KeyTek Instrument Corp.)

Surge Immunity Test

Model: TASKalfa 3500i / 4500i / 5500i

(Test Date : 2011.February)

Mode : (1) Copy

Coupling	Surge Voltage	Phase		
		0 deg	90 deg	270 deg
L1 - L2	± 500V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
	±1000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
L1 - PE	±1000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
	±2000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
L2 - PE	±1000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
	±2000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>

Mode : (2) LAN Print

Coupling	Surge Voltage	Phase		
		0 deg	90 deg	270 deg
L1 - L2	± 500V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
	±1000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
L1 - PE	±1000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
	±2000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
L2 - PE	±1000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
	±2000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>

Mode : (2) FAX Tx + USB Print

Coupling	Surge Voltage	Phase		
		0 deg	90 deg	270 deg
L1 - L2	± 500V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
	±1000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
L1 - PE	±1000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
	±2000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
L2 - PE	±1000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>
	±2000V	<i>Worked normal</i>	<i>Worked normal</i>	<i>Worked normal</i>

Photograph of Tested Device Configuration

(Surge Immunity Test)



EN61000-4-11/1994

Voltage Dips, Short Interruption and Voltage Variation Immunity Test

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 3500i / 4500i / 5500i	TEST-1
Paper Feeder	PF-730	TEST-1
	PF-740	TEST-1
Side Paper Feeder	PF-770	TEST-1
Document Processor	DP-770	TEST-1
	DP-771	TEST-1
Finisher	DF-770	TEST-1
	DF-790	TEST-1
Punch Unit	PH-7C / PH-7D	TEST-1
Booklet Folder	BF-730	TEST-1
Mulch Tray	MT-730	TEST-1
Job Separator	JS-730	TEST-1
	JS-731	TEST-1
Bridge	AK-730	TEST-1
Printer NIC	IB-50	TEST-1
FAX Kit	FAX System (V)	TEST-1

Date : 21 February, 2011

Temperature : 24°C

Humidity : 54%

Atom. Pressure : 1017hPa

Testing Place : Kyocera Mita CE Test Room

Power Input : AC230V, 50Hz

Tested by : Takayuki Matsuura

T. Matsuura

This test was applied as follows.

	<i>Reduction</i>	<i>Term</i>	<i>Criteria</i>	<i>Result</i>
Voltage Dips	100%	0.5c/s	B	Pass
	30%	25c/s	C	Pass
Short Interruptions	100%	250c/s	C	Pass

Test equipment used:

Voltage Dip Simulator : VDS-220SB (Noise Laboratory Co., Ltd.)

Voltage Dips & Short Interruptions Test

Model: TASKalfa 3500i / 4500i / 5500i

(Test Date : 2011.February)

Mode : (1) Copy

	<i>Reduction</i>	<i>Term</i>	<i>Criteria</i>	<i>Result</i>	<i>Remarks</i>
Vol. Dips	100%	0.5c/s	B	<i>Pass</i>	<i>*Worked Normal</i>
	30%	25c/s	C	<i>Pass</i>	<i>*Worked Normal</i>
Short Int.	100%	250c/s	C	<i>Pass</i>	<i>*Maked Reset</i>

Mode : (2) LAN Print

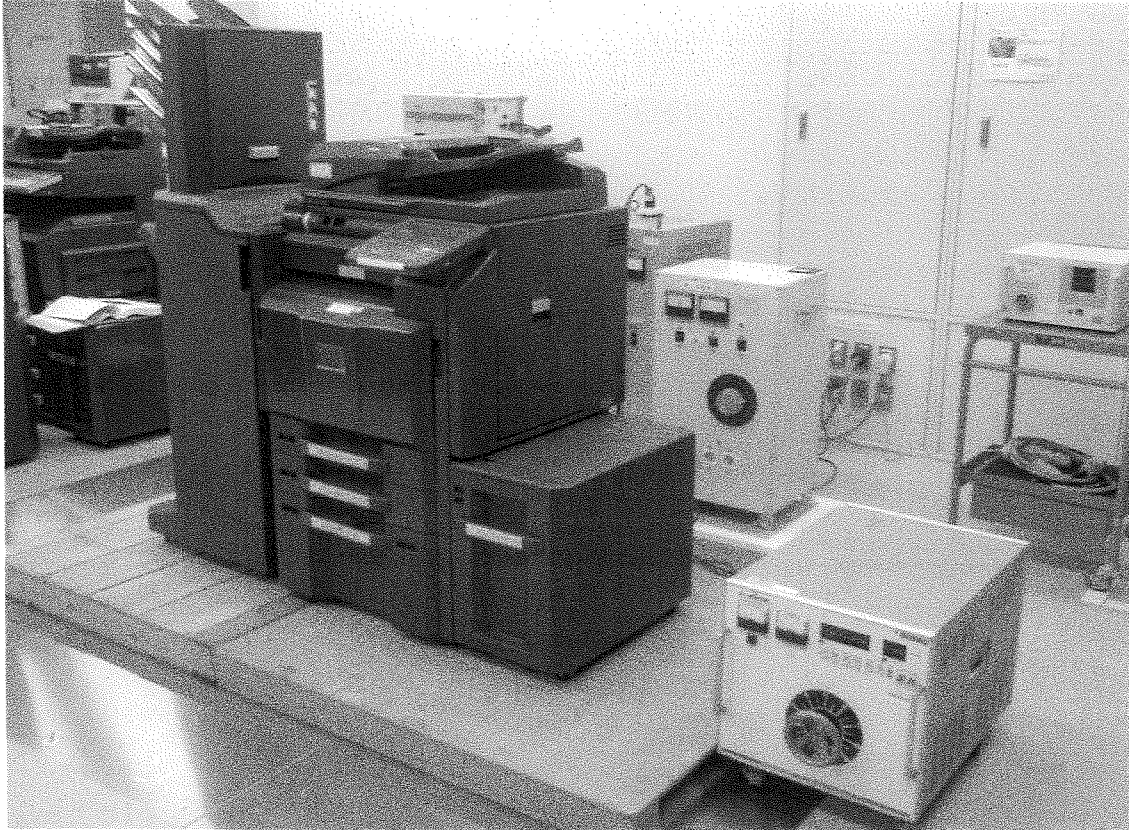
	<i>Reduction</i>	<i>Term</i>	<i>Criteria</i>	<i>Result</i>	<i>Remarks</i>
Vol. Dips	100%	0.5c/s	B	<i>Pass</i>	<i>*Worked Normal</i>
	30%	25c/s	C	<i>Pass</i>	<i>*Worked Normal</i>
Short Int.	100%	250c/s	C	<i>Pass</i>	<i>*Maked Reset</i>

Mode : (3) FAX Tx + USB Print

	<i>Reduction</i>	<i>Term</i>	<i>Criteria</i>	<i>Result</i>	<i>Remarks</i>
Vol. Dips	100%	0.5c/s	B	<i>Pass</i>	<i>*Worked Normal</i>
	30%	25c/s	C	<i>Pass</i>	<i>*Worked Normal</i>
Short Int.	100%	250c/s	C	<i>Pass</i>	<i>*Maked Reset</i>

Photograph of Tested Device Configuration

(Voltage Dips, Short Interruption and Voutage Variation Immunity Test)



EN61000-4-3/1996 + ENV50204/1995

Radiated RF Electromagnetic Field

Immunity Test

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 3500i / 4500i / 5500i	TEST-1
Paper Feeder	PF-730	TEST-1
	PF-740	TEST-1
Side Paper Feeder	PF-770	TEST-1
Document Processor	DP-770	TEST-1
	DP-771	TEST-1
Finisher	DF-770	TEST-1
	DF-790	TEST-1
Punch Unit	PH-7C / PH-7D	TEST-1
Booklet Folder	BF-730	TEST-1
Mulch Tray	MT-730	TEST-1
Job Separator	JS-730	TEST-1
	JS-731	TEST-1
Bridge	AK-730	TEST-1
Printer NIC	IB-50	TEST-1
FAX Kit	FAX System (V)	TEST-1

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%, 1kHz AM Modulation	A	Pass
	Horizontal			Pass
900 ± 5 MHz	Vertical	3V/m, 100%, 1kHz Frequency 200Hz Duty Cycle 50% PulseMod.	A	Pass
	Horizontal			Pass

We tested at Tamaki EMC Laboratory of Kyocera Mita Tamaki Factory.
See the attached documents for details.

EN61000-4-6/1996

Conducted RF Electromagnetic Field Immunity Test

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 3500i / 4500i / 5500i	TEST-1
Paper Feeder	PF-730	TEST-1
	PF-740	TEST-1
Side Paper Feeder	PF-770	TEST-1
Document Processor	DP-770	TEST-1
	DP-771	TEST-1
Finisher	DF-770	TEST-1
	DF-790	TEST-1
Punch Unit	PH-7C / PH-7D	TEST-1
Booklet Folder	BF-730	TEST-1
Mulch Tray	MT-730	TEST-1
Job Separator	JS-730	TEST-1
	JS-731	TEST-1
Bridge	AK-730	TEST-1
Printer NIC	IB-50	TEST-1
FAX Kit	FAX System (V)	TEST-1

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%, 1kHz AM Modulation	A	Pass
Communication Line				

We tested at Tamaki EMC Laboratory of Kyocera Mita Tamaki Factory.
See the attached documents for details.

EN61000-4-8/1993

Power-Frequency Magnetic Field Immunity Test

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 3500i / 4500i / 5500i	TEST-1
Paper Feeder	PF-730	TEST-1
	PF-740	TEST-1
Side Paper Feeder	PF-770	TEST-1
Document Processor	DP-770	TEST-1
	DP-771	TEST-1
Finisher	DF-770	TEST-1
	DF-790	TEST-1
Punch Unit	PH-7C / PH-7D	TEST-1
Booklet Folder	BF-730	TEST-1
Mulch Tray	MT-730	TEST-1
Job Separator	JS-730	TEST-1
	JS-731	TEST-1
Bridge	AK-730	TEST-1
Printer NIC	IB-50	TEST-1
FAX Kit	FAX System (V)	TEST-1

This test was applied as follows.

<i>Frequency</i>	<i>Level</i>	<i>Criteria</i>	<i>Result</i>
50 Hz	3A/m	A	Pass

We tested at Tamaki EMC Laboratory of Kyocera Mita Tamaki Factory.

See the attached documents for details.

EMC TEST REPORT**KYOCERA MITA CORPORATION**2-28, 1-chome, Tamatsukuri, Chuo-ku,
Osaka, 540-8585, Japan

Equipment : Multi-Function Printer

Model : **TASKalfa 3500i / 4500i / 5500i**

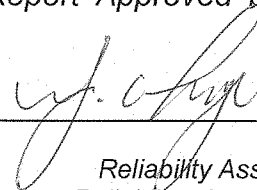
Serial No. : TEST-1

Rated : AC220~240V, 50Hz

Standard : (EN55024: 1998)
EN61000-4-3: 1995 + ENV50204
EN61000-4-6: 1996
EN61000-4-8: 1993

Date of Issue : 25 February , 2011

Report Approved by Yukio Okajo



Manager
Reliability Assurance Section 12
Reliability Assurance Department

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Photograph of EMC Tests	Appendix

◎EUT

Equipment	Model	S/N	Manufacturer
MFP	TASKalfa 5500i	TEST-1	Kyocera Mita
Document Processor	DP-771	TEST-1	Kyocera Mita
Paper Feeder	PF-740	TEST-1	Kyocera Mita
Job Separator	JS-731	TEST-1	Kyocera Mita
A4 Side Deck	PF-770	TEST-1	Kyocera Mita
Bridge	AK-730	TEST-1	Kyocera Mita
Document Finisher	DF-770	TEST-1	Kyocera Mita
Punch Unit	PH-7	TEST-1	Kyocera Mita
FAX Kit	FAX System (V)	TEST-1	Kyocera Mita
Printer NIC	IB-50	TEST-1	Kyocera Mita
PC	PC-MY30VEZE3	79007631A	NEC
HUB	CentreCOM GS908L V2	007673G101702103 E1	Allied Telesis
FAX Simulator	X-1008	001091	Ad Systems
FAX	FS-3140MFP	SPL0203997	Kyocera Mita
Telephone	TE-202	8100758A	TAKACHIHO

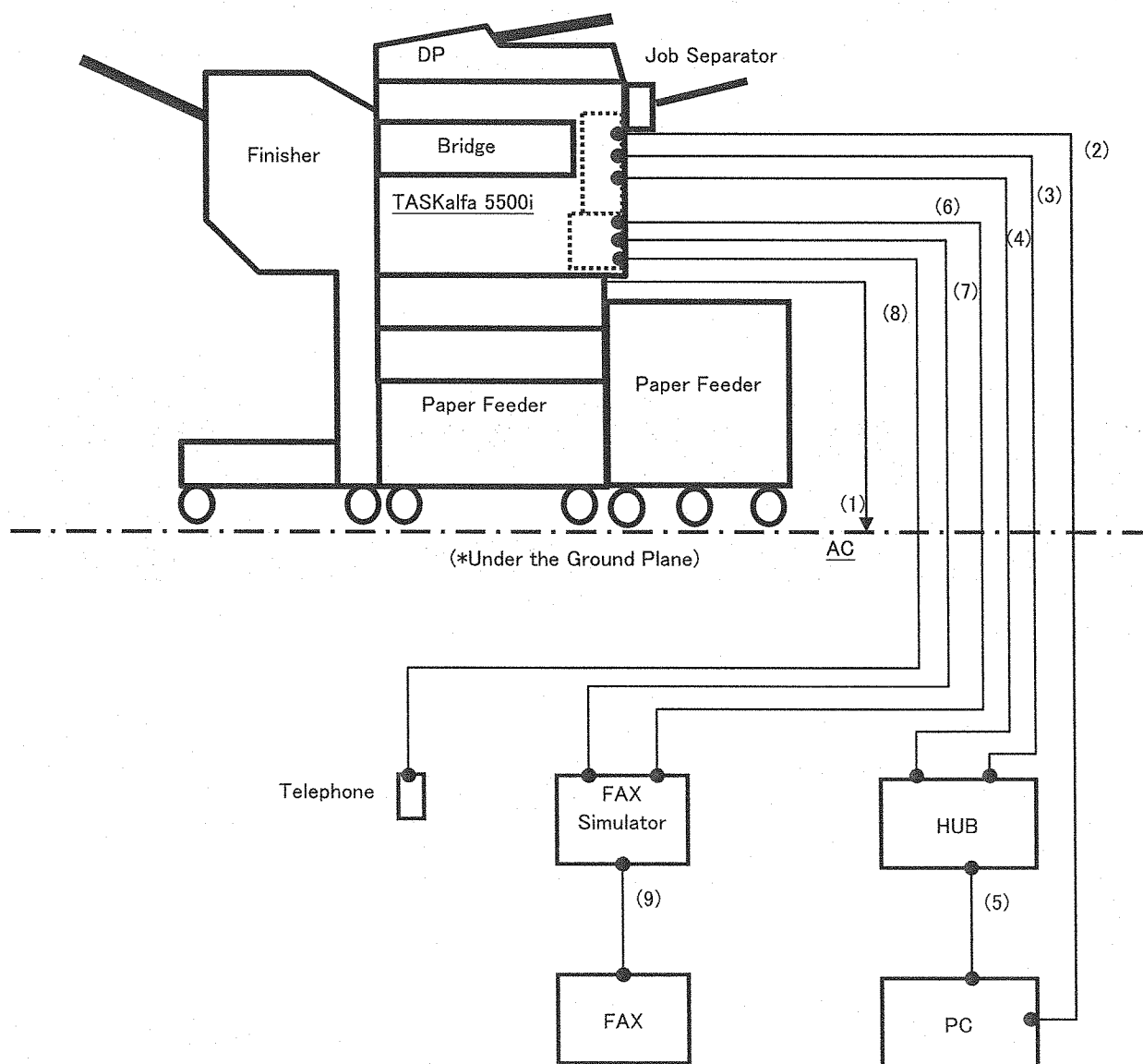
◎Operation Modes

No.	Operation Mode	Rad.RF	Con.RF	Power Frequency
①	Copy	○	○	○
②	USB print + FAX TX	○	○	---
③	LAN Print (On Board)+ FAX RX	○	○	---

◎Connected Cable / Cord

No.	Cable / Cord	Length	Core	Shielded	Connector
1	MFP Power Cord	2.5 m	---	---	Resinous
2	USB Cable	5 m	---	○	Metallic
3	LAN Cable(On Board) for Printer	10 m	---	○	Metallic
4	LAN Cable(Optional) for Printer	10 m	---	○	Metallic
5	LAN Cable for PC	1 m	---	○	Metallic
6	Telephone Cord for FAX Kit (Main Port)	7 m	---	---	Resinous
7	Telephone Cord for FAX Kit (Sub Port)	7 m	---	---	Resinous
8	Telephone Cord for Telephone	7 m	---	---	Resinous
9	Telephone Cord for FAX	1 m	---	---	Resinous

©Equipment Connection Figure



List of Tests and Measurement Equipment

『Test Clause』

EN61000-4-3/ENV50204 : Radiated RF Electromagnetic Field Immunity Test
EN61000-4-6 : Conducted RF Electromagnetic Field Immunity Test

<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
Bilog 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
Spectrum Analyzer	HP8568B	Hewlett Packard	2517A01396
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

List 2

『Test Clause』

EN61000-4-8 : Power-Frequency Magnetic Field Immunity Test

<i>Equipment</i>	<i>Type</i>	<i>Manufacturer</i>	<i>Serial No.</i>
Immunity Test System	*Handmade	—	—
Coupling Clamp	*Not used	—	—
Magnetic Field Coil	*Handmade	—	—

Radiated RF Electromagnetic Field Immunity Test

<i>Test Method</i>	EN61000-4-3 + ENV50204
<i>Company</i>	KYOCERA MITA CORP.
<i>Equipment</i>	Multi-Function Printer
<i>Model</i>	TASKalfa 3500i / 4500i / 5500i
<i>Power Supply</i>	AC230V, 50Hz

<i>Date</i>	23 February, 2011
<i>Temperature</i>	22°C
<i>Humidity</i>	52%
<i>Pressure</i>	1014hpa

Test Result

Distance : 3m
Test Level : 3V/m
Sweep Time : 1.5×10^{-3} decade/sec
Frequency Step : 1%
Frequency Range: 80~1000MHz, 1kHz, AM 80% (EN61000-4-3)
: 900 ± 5 MHz, 200Hz, Pulse Duty Cycle 50% (ENV50204)

<i>Test Face</i>	<i>Polar.</i>	<i>Operation</i>	<i>Result</i>	<i>Remarks</i>
Front	Vertical	Mode 1, 2, 3	EUT worked normal.	
	Horizontal	Mode 1, 2, 3	EUT worked normal.	
Right	Vertical	Mode 1, 2, 3	EUT worked normal.	
	Horizontal	Mode 1, 2, 3	EUT worked normal.	
Rear	Vertical	Mode 1, 2, 3	EUT worked normal.	
	Horizontal	Mode 1, 2, 3	EUT worked normal.	
Left	Vertical	Mode 1, 2, 3	EUT worked normal.	
	Horizontal	Mode 1, 2, 3	EUT worked normal.	

Judgment : **PASS**

Tested by Takayuki Matsuura

Conducted RF Electromagnetic Field Immunity Test

<i>Test Method</i>	EN61000-4-6
<i>Company</i>	KYOCERA MITA CORP.
<i>Equipment</i>	Multi-Function Printer
<i>Model</i>	TASKalfa 3500i / 4500i / 5500i
<i>Power Supply</i>	AC230V, 50Hz

<i>Date</i>	24 February, 2011
<i>Temperature</i>	23°C
<i>Humidity</i>	55%
<i>Pressure</i>	1012hpa

Test Result

Test Level : 3V/m
Sweep Time : 1.5×10^{-3} decade/sec
Frequency Step : 1%
Frequency Range : 0.15~80MHz, 1kHz, AM 80%

<i>Tested Port</i>	<i>Coupling</i>	<i>Operation</i>	<i>Result</i>	<i>Remarks</i>
AC Power Cord for MFP	CDN M3	<i>Mode 1</i>	<i>EUT worked normal.</i>	
LAN Cable Modular Cable	EM Clamp	<i>Mode 3</i>	<i>EUT worked normal.</i>	
USB Cable Modular Cable	EM Clamp	<i>Mode 2</i>	<i>EUT worked normal.</i>	

Judgment : **PASS**

Tested by Takayuki Matsuura

Power-Frequency Magnetic Field Immunity Test

<i>Test Method</i>	EN61000-4-8
<i>Company</i>	KYOCERA MITA CORP.
<i>Equipment</i>	Multi-Function Printer
<i>Model</i>	TASKalfa 3500i / 4500i / 5500i
<i>Power Supply</i>	AC230V, 50Hz

<i>Date</i>	24 February, 2011
<i>Temperature</i>	22°C
<i>Humidity</i>	56%
<i>Pressure</i>	1012hpa

Test Result

Test Level : 3A/m
Test Duration : 5min
Frequency : 50Hz

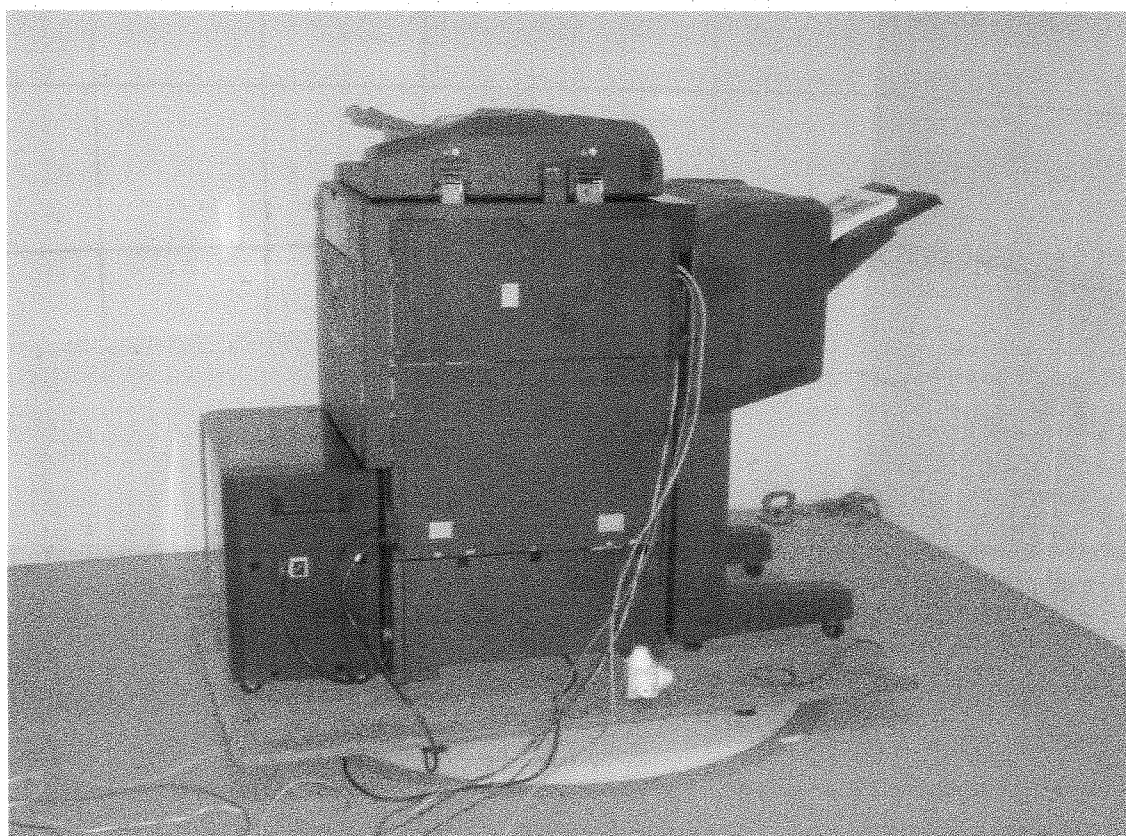
<i>Polarization</i>	<i>Operation</i>	<i>Result</i>	<i>Remarks</i>
X	<i>Mode 1</i>	<i>EUT worked normal.</i>	
Y	<i>Mode 1</i>	<i>EUT worked normal.</i>	
Z	<i>Mode 1</i>	<i>EUT worked normal.</i>	

Judgment : **PASS**

Tested by Takayuki Matsuura

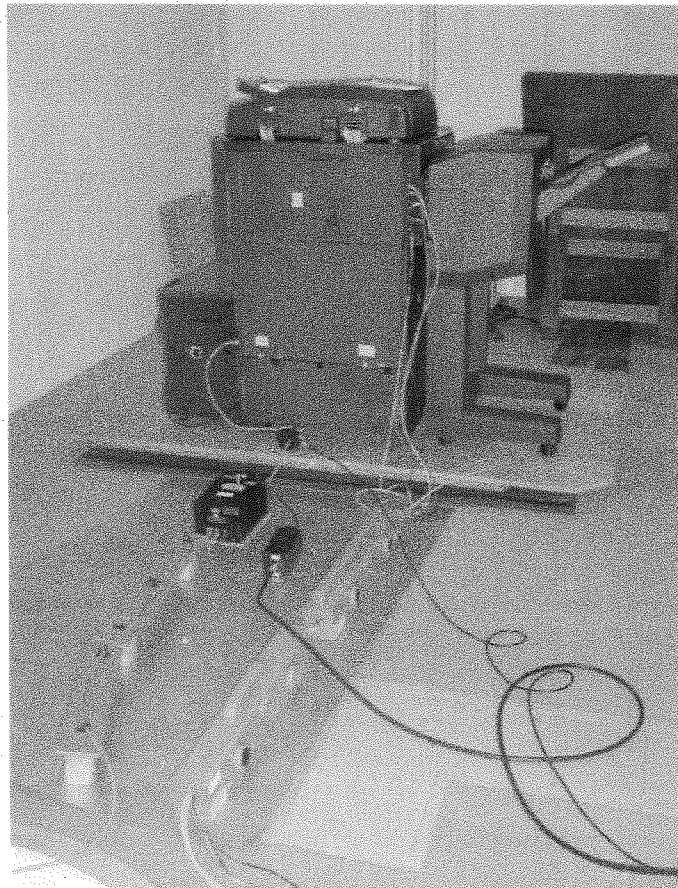
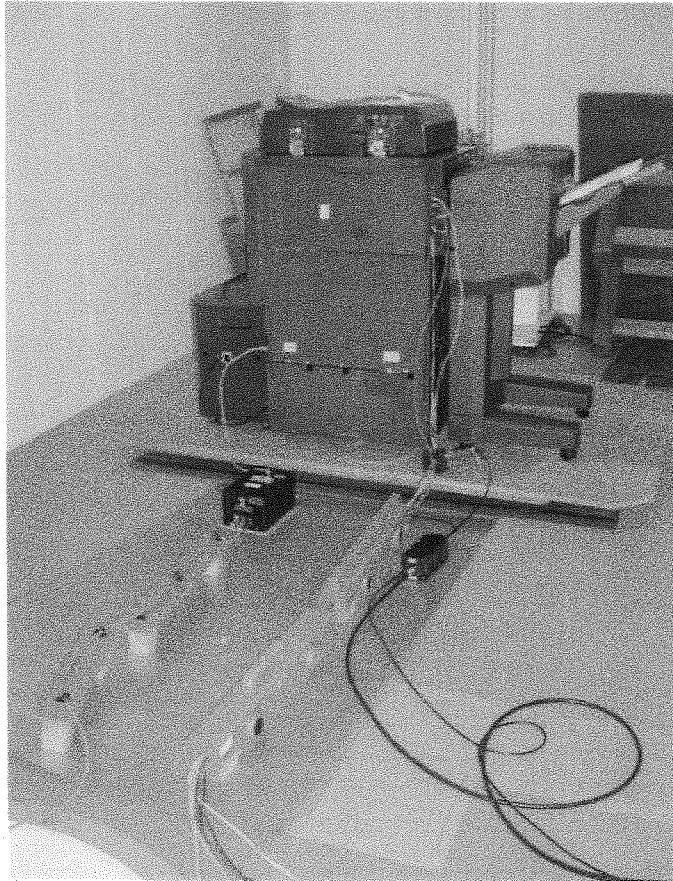
Photograph of Tested Device Configuration

(Radiated RF Electromagnetic Field Immunity Test)



Photograph of Tested Device Configuration

(Conducted RF Electromagnetic Field Immunity Test)



Photograph of Tested Device Configuration

(Power-Frequency Magnetic Field Immunity Test)

