

SECTION 8

Test Reports of Human Exposure to Electromagnetic Fields
(EN62311 /2008)

EN62311/2008

Assessment criteria to permit evaluation of compatibility of electrical and electronic apparatus with standards for human exposure to electromagnetic fields

<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	TASKalfa 2552ci / 3252ci	Z2S5Y00008
Paper Feeder	PF-7100	Z435X00162
	PF-7110	Z465Y00075
Side Paper Feeder	PF-7120	Z495Y00048
Document Processor	DP-7100	Z995Y00076
	DP-7110	Z9D5Y00087
	DP-7120	Z9H5Y00054
Finisher	DF-7100	Z3M5Y00048
	DF-7110	Z3T5Y00064
	DF-7120	Z3Q5Y00039
Punch Unit	PH-7C / PH-7D	N373411213
	PH-7120 / PH-7130	Z415Y00019
Multi Tray	MT-730	NB22302326
Booklet Folder	BF-730	N392Y06667
Bridge	AK-7100	Z3W5Y00079
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Wireless Network Unit	IB-35	TEST-1
Fiery Controller	Printing System 15	P00011440
Fiery Controller Relay PWB	Printing System Interface Kit 15	TEST-1
FAX Kit	FAX System 12	Z9P5Y00007
		Z9P5Y00009

This test was applied as follows.

<i>Frequency Range</i>	<i>E-Field Strength (V/m)</i>	<i>H-Field Strength (A/m)</i>
Up to 1Hz	---	3.2×10^4
1Hz-8Hz	10,000	$3.2 \times 10^4/f^2$
8Hz-25Hz	10,000	$4000/f$
0.025kHz-0.8kHz	$250/f$	$4/f$
0.8kHz-3kHz	$250/f$	5
3kHz-150kHz	87	5
0.15MHz-1MHz	87	$0.73/f$
1MHz-10MHz	$87/f^{1/2}$	$0.73/f$
10MHz-400MHz	27.5	0.073
400MHz-2000MHz	$1.375f^{1/2}$	$0.0037f^{1/2}$
2GHz-300GHz	61	0.16

We entrusted this test to Labotech International Co., Ltd.

See the attached documents for details.

Date: 2016/1/19

Location: Furuno Labotech EMC Center 10 m semi-anechoic chamber

Manufacture: KYOCERA Document Solutions Inc.

Product category: MFP

Model name (S/N): TASKalfa 3252ci (S/N: Z2S5Y00008)

Standard: ICNIRP Guideline Gen.Pub.1998

Power supply voltage: 230 VAC, 50 Hz

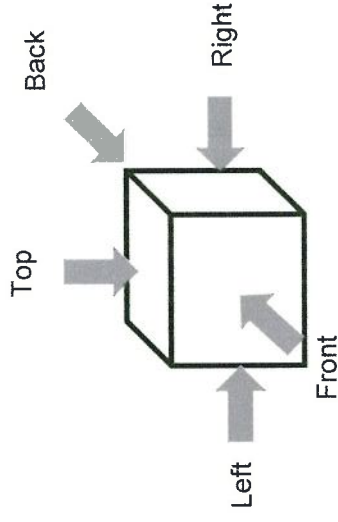
Temperature, humidity: 20 °C, 42 %RH

Operating mode: Copy

Operator: Y.Katoh

Final judgment: Passed (10 cm)

Measurement uncertainty: 30%



The uncertainty values specified under each assessment method are the maximum allowed uncertainty.
If the uncertainty value is not specified, then a default value of 30 % shall be used. (Refer to EN 62311: 2008, Clause 6)

		Measuring Equipment	Measurement mode	Result		Max. point	Judgment (Passed or Failed)
				Distance	Result		
H-Field	1 Hz to 400 kHz	narda ELT-400	Std Mode 100%	Ambient	0.450		
				0 cm	53.78	Right	Passed
				10 cm	12.560	Right	Passed
				30 cm	3.033	Right	Passed
	300 kHz to 30 MHz	narda NBM-520 (HF3061)	MAX. Hold (Peak) 0.073 A/m	Ambient	0.0051		
				0 cm	0.1727	Right	Failed
				10 cm	0.0410	Right	Passed
				30 cm	0.0113	Right	Passed
	27 MHz to 1 GHz	narda NBM-520 (HF0191)	MAX. Hold (Peak) 0.073 A/m	Ambient	0.0079		
				0 cm	0.0321	Top	Passed
				10 cm	0.0144	Top	Passed
				30 cm	0.0084	Top	Passed
E-Field	100 kHz to 3 GHz	narda NBM-520 (EF0391)	MAX. Hold (Peak) 27.5 V/m	Ambient	0.11		
				0 cm	125.50	Back	Failed
				10 cm	20.19	Back	Passed
				30 cm	3.18	Back	Passed
	300 kHz to 50 GHz	narda NBM-520 (ED5091)	MAX. Hold (Peak) 20%	Ambient	0.0081		
				0 cm	12.5000	Back	Passed
				10 cm	1.1250	Back	Passed
				30 cm	0.0233	Back	Passed