

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 7052ci / 8052ci	ZA86600014
A3 Side Multi Tray	PF-7130	ZAA6600033
Side Paper Feeder	PF-7120	Z495Y00047
A3 Side Paper Feeder	PF-730	LEW6228267
	PF-740	TEST-1
Document Finisher	DF-7110	Z3T5Y00064
Punch Unit	PH-7C / PH-7D	N373411213
Multi Tray	MT-730	NB22302326
Booklet Folder	BF-730	N392Y06667
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Wireless Network Unit	IB-35	W4C6600244
Fiery Controller	Printing System 16	P00011440
Fiery Controller Relay PWB	Printing System Interface Kit 15	TEST-1
FAX Kit	FAX System 12	V9P6600904
		V9P6600906
Ten Key Board	NK-7100	5Y22001

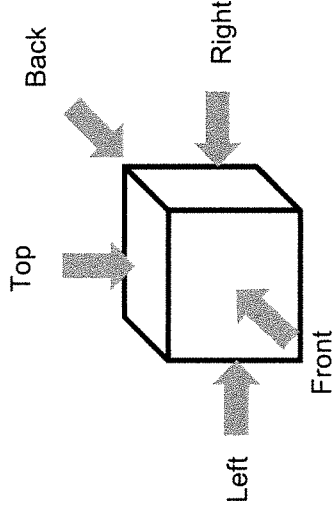
This test was applied as follows.

<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:	2016/7/12
Location:	Furuno Labotech Kishu Lab 10 m semi-anechoic chamber
Manufacture:	KYOCERA Document Solutions Inc.
Product category:	MFP
Model name (S/N):	TASKalfa 8052ci (S/N: ZA86600014)
Standard:	ICNIRP Guideline Gen.Pub. 1998
Power supply voltage:	230 VAC, 50 Hz
Temperature, humidity:	20 °C, 60 %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	0.200		
				0 cm	38.91	Right	Passed
				10 cm	8.700	Right	Passed
				30 cm	1.246	Right	Passed
	300 kHz to 30 MHz	narda NBM-520 (HF3061)	MAX. Hold (Peak) 0.073 A/m	Ambient	0.0051		
				0 cm	0.2236	Right	Failed
				10 cm	0.0581	Right	Passed
				30 cm	0.0155	Right	Passed
	27 MHz to 1 GHz	narda NBM-520 (HF0191)	MAX. Hold (Peak) 0.073 A/m	Ambient	0.0020		
				0 cm	0.1530	Back	Failed
				10 cm	0.0630	Back	Passed
				30 cm	0.0450	Back	Passed
E-Field	100 kHz to 3 GHz	narda NBM-520 (EF0391)	MAX. Hold (Peak) 27.5 V/m	Ambient	0.03		
				0 cm	105.60	Top	Failed
				10 cm	13.39	Top	Passed
				30 cm	0.92	Top	Passed
	300 kHz to 50 GHz	narda NBM-520 (ED5091)	MAX. Hold (Peak) 20%	Ambient	0.0081		
				0 cm	1.4900	Front	Passed
				10 cm	0.0169	Front	Passed
				30 cm	0.0085	Front	Passed