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

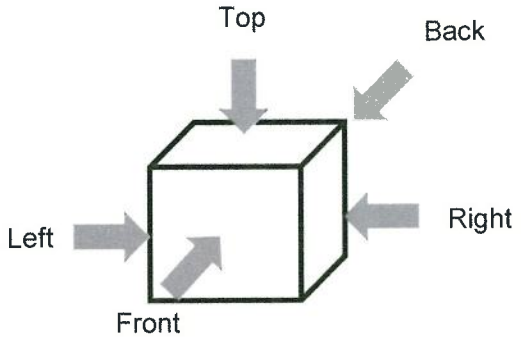
Equipment	*Model*	*Serial No.*
Multi-Function Printer	TASKalfa 4002i / 5002i / 6002i	Z315Y00006
Paper Feeder	PF-7100	Z435X00162
	PF-7110	Z465Y00075
Side Paper Feeder	PF-7120	Z495Y00048
Document Processor	DP-7100	Z995Y00076
	DP-7110	Z9D5Y00087
Finisher	DF-7100	Z3M5Y00048
	DF-7110	Z3T5Y00064
	DF-7120	Z3Q5Y00039
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
FAX Kit	FAX System 12	Z9P5Y00007
		Z9P5Y00009

This test was applied as follows.

Frequency Range	*E-Field Strength (V/m)*	*H-Field Strength (A/m)*
Up to 1Hz	---	3.2×10^{4}
1Hz-8Hz	10,000	$3.2\times10^{4}/f^{2}$
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 Tokin EMC Engineering 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 6002i (S/N: Z315Y00006)
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 (30 cm)
Measurement uncertainity:	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	Measurment 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	89.45		Right	Passed
				10 cm	23.290		Right	Passed
				30 cm	4.118		Right	Passed
	300 kHz to 30 MHz	narda NBM-520 (HF3061)	MAX. Hold (Peak) 0.073 A/m	Ambient	0.0051	A/m		
				0 cm	0.3443		Right	Failed
				10 cm	0.0939		Right	Failed
				30 cm	0.0126		Right	Passed
	27 MHz to 1 GHz	narda NBM-520 (HF0191)	MAX. Hold (Peak) 0.073 A/m	Ambient	0.0079	A/m		
				0 cm	0.0336		Top	Passed
				10 cm	0.0156		Top	Passed
				30 cm	0.0095		Top	Passed
E-Field	100 kHz to 3 GHz	narda NBM-520 (EF0391)	MAX. Hold (Peak) 27.5 V/m	Ambient	0.11	V/m		
				0 cm	45.05		Back	Failed
				10 cm	6.76		Back	Passed
				30 cm	1.09		Back	Passed
	300 kHz to 50 GHz	narda NBM-520 (ED5091)	MAX. Hold (Peak) 20%	Ambient	0.0081	%		
				0 cm	6.2630		Back	Passed
				10 cm	0.3076		Back	Passed
				30 cm	0.0081		Back	Passed