

SECTION 6

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>
Printer	ECOSYS P3060dn	Z9T6500001
Paper Feeder	PF-320	NUR6507786
	PF-320	NUR6507183
	PF-320	NUR6507766
	PF-320	NUR6507763
	PF-3100	ZQT6700012
Paper Feeder Base	PB-325	NYV6601798
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
	IB-32B	TEST-1
HDD	HD-6	TEST-1
	HD-7	TEST-1
Wireless Network Unit	IB-36	TEST-1

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: 2016/7/19

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

Manufacture: KYOCERA Document Solutions Inc.

Product category: MFP

Model name (S/N): ECOSYS P3060dn (S/N: Z9T65000001)

Standard: ICNIRP Guideline Gen.Pub.1998

Power supply voltage: 230 VAC, 50 Hz

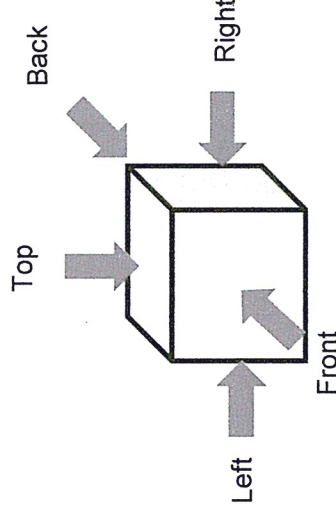
Temperature, humidity: 20 °C, 60 %RH

Operating mode: Copy

Operator: Y.Katoh

Final judgment: Passed (30 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	34.65	Left	Passed
				10 cm	2.970	Left	Passed
				30 cm	0.469	Left	Passed
	300 kHz to 30 MHz	narda NBM-520 (HF3061)	MAX. Hold (Peak) 0.073 A/m	Ambient	0.0051		
				0 cm	0.2065	Right	Failed
				10 cm	0.1650	Right	Failed
				30 cm	0.0510	Right	Passed
	27 MHz to 1 GHz	narda NBM-520 (HF0191)	MAX. Hold (Peak) 0.073 A/m	Ambient	0.0020		
				0 cm	0.0507	Front	Passed
				10 cm	0.0158	Front	Passed
				30 cm	0.0021	Front	Passed
E-Field	100 kHz to 3 GHz	narda NBM-520 (EF0391)	MAX. Hold (Peak) 27.5 V/m	Ambient	0.02		
				0 cm	56.24	Right	Failed
				10 cm	3.82	Right	Passed
				30 cm	0.56	Right	Passed
	300 kHz to 50 GHz	narda NBM-520 (ED5091)	MAX. Hold (Peak) 20%	Ambient	0.0169		
				0 cm	1.0550	Left	Passed
				10 cm	0.0978	Left	Passed
				30 cm	0.0093	Left	Passed