

## *SECTION 7*

*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*

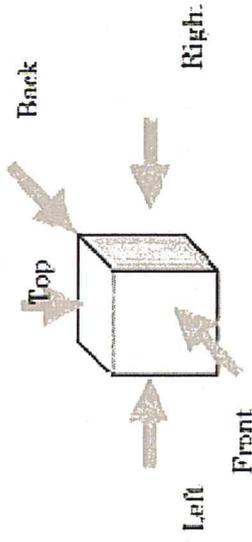
<i>Equipment</i>	<i>Model</i>	<i>Serial No.</i>
Multi-Function Printer	ECOCYS M3560idn	ZSS3X00020
Paper Feeder	PF-320	NUS3525018
		NUS3525035
		NUS3525092
		NUS3524709
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Hard Disk Drive	HD-6	TEST-1
	HD-7	TEST-1

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	---	$3.2 \times 10^4$
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	$1.375 f^{1/2}$	$0.0037 f^{1/2}$
2GHz-300GHz	61	0.16

We entrusted this test to Tokin EMC Engineering Co., Ltd.  
See the attached documents for details.

Date & Location : 8 January 2014, Osaka No.2 Shielded room  
 Manufacture : KYOCERA Document Solutions Inc.  
 Product Category : MFP  
 Model Name (S/N) : ECOSYS M3560idn (ZSS3X00019)  
 Standard : ICNIRP Guideline Gen.Pub. 1998  
 AC Power : 230V, 50Hz  
 Ambient : 15.0 °C, 49.8%RH  
 Operating Mode : ADF Copy  
 Operator : D.Inoue  
 Final Judgment : Pass (>10cm)



An operation side is the Front.

	Measurement Equipment	Measurement Mode	Result		Limit	Max Point	Judgment (Pass or Fail)
			Ambient	Result			
H-Field	1Hz ~ 400kHz NARDA ELT400	Std Mode	Ambient	0.186	%		
			0cm	30.69		Left	Pass
			10cm	3.746	100	Left	Pass
			30cm	0.479		Left	Pass
	300kHz ~ 30MHz NARDA NBM520 (HF3061)	MAX Hold (Peak)	Ambient	0.0037	A/m		
			0cm	0.1598		Right	Fail
			10cm	0.0151	0.073	Right	Pass
			30cm	0.0075		Right	Pass
			Ambient	0.0088	A/m		
27MHz ~ 1GHz NARDA NBM520 (HF0191)	MAX Hold (Peak)	0cm	0.0359		Left	Pass	
		10cm	0.0190	0.073	Left	Pass	
		30cm	0.0096		Left	Pass	
E-Field	100kHz ~ 3GHz NARDA NBM520 (EF0391)	MAX Hold (Peak)	Ambient	0.12	V/m		
			0cm	51.57		Right	Fail
			10cm	2.69	27.5	Right	Pass
	30cm	0.63		Right	Pass		
	300kHz ~ 50GHz NARDA NBM520 (ED5091)	MAX Hold (Peak)	Ambient	0.0000	%		
			0cm	0.5058		Right	Pass
10cm			0.1667	20	Right	Pass	
30cm	0.1345		Right	Pass			