

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.

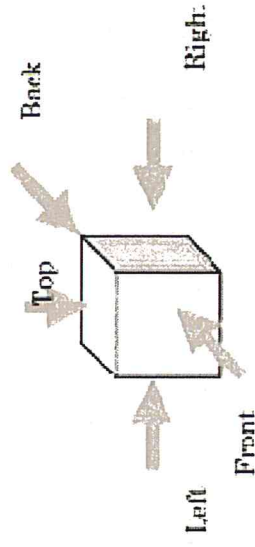
<i>Frequency Range</i>	<i>E-Field Strength (V/m)</i>	<i>H-Field Strength (A/m)</i>
Up to 1Hz	---	3.2×10^4
1Hz-8Hz	10,000	$3.2 \times 10^4 / f^2$
8Hz-25Hz	10,000	$4000 / f$
0.025kHz-0.8kHz	$250 / f$	$4 / f$
0.8kHz-3kHz	$250 / f$	5
3kHz-150kHz	87	5
0.15MHz-1MHz	87	$0.73 / f$
1MHz-10MHz	$87 / f^{1/2}$	$0.73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

S14114



An operation side is the Front.

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