

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 306ci	Z7F5300025
Paper Feeder	PF-5120	Z7J5300161
	PF-5130	Z7K5300101
	PF-5140	Z7L5300059
Finisher	DF-5100	Z7T5300071
Multi Tray	MT-5100	Z7U5300081
Job Separator	JS-5100	Z7H5300059
Printer NIC	IB-50	TEST-1
	IB-51	TEST-1
Bridge	AK-5100	Z7G5300123
FAX Kit	FAX System 11	ZEK5300004
Hard Disk Drive	HD-6	TEST-1
	HD-7	TEST-1

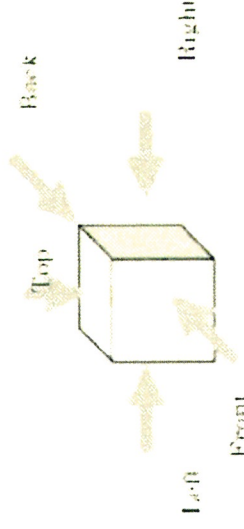
This test was applied as follows.

<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	$1.375f^{1/2}$	$0.0037f^{1/2}$
2GHz-300GHz	61	0.16

We entrusted this test to Tokin EMC Engineering Co., Ltd.

See the attached documents for details.

Date & Location	: 2015/4/17 Osaka Big AC
Manufacture	: TAskalfa 306ci
Product Category	:
Model Name (S/N)	: Z7F5300025
Standard	: ICNIRP Guideline Gen.Pub. 1998
AC Power	: 230 V, 50 Hz
Ambient	: 19.2 °C, 45.5 %, 989.1hPa
Operating Mode	: Copy
Operator	: S.Takahashi
Final Judgment	Pass(10 cm)



An operation side is the Front.

	Measurement Equipment	Measurement Mode	Result		Max Point	Judgment (Pass or Fail)
H-Field	1Hz ~ 400kHz	NARDA ELT400	Std Mode 100%	Ambient	0.198	%
				0cm	118.4	
				10cm	9.240	Fail
				30cm	0.934	Pass
	300kHz ~ 30MHz	NARDA NBM520 (HF3061)	MAX Hold (Peak) 0.073A/m	Ambient	0.0101	A/m
				0cm	0.0530	
				10cm	0.0077	Pass
				30cm	0.0039	Pass
	27MHz ~ 1GHz	NARDA NBM520 (HF0191)	MAX Hold (Peak) 0.073A/m	Ambient	0.0037	A/m
				0cm	0.0273	
				10cm	0.0195	Pass
				30cm	0.0092	Pass
E-Field	100kHz ~ 3GHz	NARDA NBM520 (EF0391)	MAX Hold (Peak) 27.5V/m	Ambient	0.15	V/m
				0cm	97.41	
				10cm	6.79	Fail
				30cm	0.88	Pass
	300kHz ~ 50GHz	NARDA NBM520 (ED5091)	MAX Hold (Peak) 20%	Ambient	0.0222	%
				0cm	0.3757	
				10cm	0.0753	Pass
				30cm	0.0323	Pass