Full detailed report   Revision Sheet

Model   B-510DN
Paper size   Letter

Doccument No.	Rev.	Date of ix	Changes	Drawn	Check
CA67-LT-1	1	2009/10/30	Full detailed report is fixed.	Takeuchi	Yoshida

Full detailed report

(ISO/IEC 24734 Office Category Test)
Model : B-510DN

Printing device and test setting

Test Start Date and Time	2009/10/29 , 1:10 pm
Tester	K.Takeuchi
Color or B/W	Color Printing device
Configuration (Option)	Option wasn't used
Temperature and Humidity	24　/31%
Voltage	Within Rating voltage
Test End Date and Time	2009/10/29 , 5:10 pm

Modes and Settings	Print Quality mode	Default
	B&W settings	Activated (Driver, select "Black/Grayscale")
	Setting N set count	Activated (Application, select "count up" or "count down")
	Collating function	Activated (Application, select "collate")
Paper	Paper sending direction	Default
	Paper type setting	Default
Paper path	Paper feeding	Paper cassette
	Paper exit	Front exit tray
	Output orientation	Default (face up)
	Duplexing unit	Default (short edge)

Paper	Manufacturer	Fuji Xerox
	Weight	64g/m2
	Size	Letter
	Paper type/Name	PPC/V604

Test system parameters

Test system	Computer	EPSON Direct Endeavor Pro4300
	Processor	Intel Core2Duo E6850
	System Chip Set	Intel P35 Express chipset
	System Board	ASUSTeK: IPIBL-CH　BIOS : AMI Version 0121
	System Memory	2GB, 800MHz, DDR2, SanMaxTechnologies p/n SMD-1G48H1P-8E ×2
	Hard Drive and Subsystem	320GB, (Samsung HD161HJ 160GB 7200rpm)×2 SATA/3000
	Video system	Sapphire Radeon HD2400L/P/RW 256MB dedicated video memory.
	Optical Drive	PLDS DH-48C2S SATA
	I/O Subsystem	USB keyboard and mouse
	USB Subsystem	System board USB controller , USB2.0
Software	Operating System	Microsoft Windows Vista Home Premium Edition
	Printing Application	Adobe Reader 9.0.0
		Microsoft Office Excel2007
		Microsoft Office Word2007
	Print Driver	Version 6.70
	Test Files Location	Office Category files, hard drive
Printing Device Connection	USB	USB 2.0 Keyboard and mouse were connected.

Application setting deviations from default.

Changing from default.	Excel and Word	"Scale Content for A4 or 8.5 x 11" Paper size" set to off.
	Adobe Reader	"Paper Scaling" set to "None".

Summary Report

Office Category Test		FSOT [seconds]	ESAT [ppm/ipm]
Color (Default)	Simplex Average	18	18
	Duplex Average	46	5.3
B&W mode	Simplex Average	17	19
	Duplex Average	45	5.3

Notes
1) All printing device and print driver setting were default mode.
2) For the B&W result, the print driver was set to "Black/Grayscale"
3) For the duplex result, the print driver was set to "Auto" in "Duplex printing".

Full Report

Office Category Test			FSOT [seconds]	EFTP [ppm/ipm] 1set test	EFTP 1set+30 seconds (# sets)	EFTP 1 set+4 minutes (# sets)	ESAT [ppm/ipm]	Office Category Test			FSOT [seconds]	EFTP [ppm/ipm] 1set test	EFTP 1set+30 seconds (# sets)	EFTP 1 set+4 minutes (# sets)	ESAT [ppm/ipm]
Color (Default)	Simplex	PDF	18	13	16 (4 sets)	17 (19 sets)	17	B&W mode	Simplex	PDF	17	14	17 (4 sets)	18 (20 sets)	19
		Word	15				23			Word	14				23
		Excel	20				16			Excel	19				16
		Average	18				18			Average	17				19
	Duplex	PDF	46	5.2	5.2 (2 sets)		5.3		Duplex	PDF	45	5.4	5.3 (2 sets)		5.3
		Word	43				5.6			Word	42				5.7
		Excel	48				5.1			Excel	47				5.1
		Average	46				5.3			Average	45				5.3

Notes
1) All printing device and print driver setting were default mode.
2) For the B&W result, the print driver was set to "Black/Grayscale"
3) For the duplex result, the print driver was set to "Auto" in "Duplex printing".