		1 44 634 1						
Letter of Vola								
Model Number:	Part Number:		Manufacturer:					
HP PageWide MFP 377dw	J9V80		Street Address:					
			HP, Inc. 1115 SE 165 th Ave, Suite 2	10				
			Vancouver, WA 98683	10				
Volatile Memory								
Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)?								
Yes No								
If the answer is "Yes", please provide the following information for each type (use additional sheets if required)								
Type (SRAM, DRAM, etc):	Size	User Modifiable:	Function:	Process to Sanitize:				
DDR3 (2 devices)	512MB	☐ Yes	Contains	Power Off printer				
	and	No	decompressed system	The state of the s				
	256MB		firmware and print data					
			during printing					
Type (SRAM, DRAM, etc):	Size:	User Modifiable:	Function:	Process to Sanitize:				
,		☐ Yes						
		□ No						
Type (SRAM, DRAM, etc):	Size:	User Modifiable:	Function:	Process to Sanitize:				
		☐ Yes						
		□ No						
Dood the item contain year	_ L!	Non-Volatile Me						
Does the item contain non-vo removed)?	iatile memo	Yes	ose contents are retained wn	en power is				
Type (Flash, EEPROM,	Size:	User Modifiable:	Function:	Process to Sanitize:				
etc):Flash	512MB	☐ Yes	System Firmware and	User preferences				
,		□No	firmware upgrade, system	cleared by				
			control data, user	performing various				
			preferences, and	resets via "Support"				
			variables.	menu. Access from				
				Home menu by				
				pressing "back,				
Time /Flesh FEDDOM	0:	II. NA PC II	 	back, back, back".				
Type (Flash, EEPROM,	Size:		Function:	Process to Sanitize:				
etc): EEPROM (2 separate devices)	64kB	☐ <u>Yes</u> ☐ No	Contains system control	Cleared by				
devices)	and	LI NO	data, user preferences, and variables.	performing various resets via "Support"				
	32kB		and variables.	menu. Access from				
				Home menu by				
	ł							
				pressing "back,				
Type (Flash, EEPROM,	Size:	User Modifiable:	Function:					
Type (Flash, EEPROM, etc): EEPROM	Size: 64kB	☐ Yes	Function: Contains backup of	pressing "back, back, back, back".				
	BENINGS PART		Contains backup of critical system control	pressing "back, back, back, back". Process to Sanitize: Cleared by				
	BENINGS PART	☐ Yes	Contains backup of critical system control data and critical user	pressing "back, back, back, back". Process to Sanitize:				
	BENINGS PART	☐ Yes	Contains backup of critical system control	pressing "back, back, back, back". Process to Sanitize: Cleared by backing up data from a previously				
	BENINGS PART	☐ Yes	Contains backup of critical system control data and critical user	pressing "back, back, back, back". Process to Sanitize: Cleared by backing up data				
etc): EEPROM	64kB	□ Yes □ <u>No</u>	Contains backup of critical system control data and critical user preferences.	pressing "back, back, back, back". Process to Sanitize: Cleared by backing up data from a previously reset system.				

Madia							
Media Does the item contain media storage capability (i.e. removable or non removable dialy drives to the little							
Does the item contain media storage capability (i.e., removable or non-removable disk drives, tape drives, memory cards, etc.)?							
Type (Disk, Tape, etc):	Size:	User Modifiable:	Function:	□ No Process to Sanitize:			
Memory Card: USB Drive	32GB	Yes	Encrypted job	Sanitization must be			
Removable: Yes No	Max	□ No	storage and PIN	performed using the			
	IVIAX		printing	printer's Embedded Web			
-			printing	Server (EWS). Using a web			
				browser on the same			
				network as the printer,			
				browse to the printer's IP			
				address. Select the			
				"Settings" tab at the top, and			
				then from the left navigation			
				bar, select the "Security- >Protect Stored Data" menu			
				items. Near the bottom of			
				the page will be the section			
				called "Erase Job Data".			
				Click on the "Erase Now"			
				button.			
				See the Administrator's			
Additional Information				Guide for more details.			
Additional Information:							
By default, the printer sends job storage to internal memory, not to the removable media. Using the							
Embedded Web Server, the printer administrator can configure the printer to store the print jobs on a							
user inserted USB drive instead, up to a maximum of 32GBytes size. The drive must be provided by							
the user. Job storage is encrypted using an AES 256 encryption algorithm by default. If the							
administrator disables the external jobs storage and reverts to internal storage, the drive is							
automatically sanitized, provided it hasn't been removed before reconfiguration.							
Doos the item accent USB input and if a few later (i. B. i.							
Does the item accept USB input and if so, for what purpose (i.e Print Jobs, device firmware updates, scan upload)?							
Yes Purpose is for Print Jobs, Device FW updates, and scan uploads							
(Can any data other than scan upload be sent to the USB device)?							
Yes DNo							
Additional Information:							
This product has both a USB device port and USB host ports. Data on the USB host ports can be							
accessed from the device port.							

.5	RF	'RFID					
Does the item use RF or R	FID for receive or transmit of	of any data including remote	e diagnostics. (e.g. Cellular				
Phone, Bluetooth)	the second of manering of	any data molading remote	diagnostics. (e.g. Centulal				
☐ Yes ☐ No							
If yes, what is the purpose	WiFi connectivity for printe	er activity such as print jobs	and printer configuration.				
If yes, what is the frequenc	y <u>2.4GHz ISM</u> band (2400-	2500MHz): Bandwidth 36M	bps avg. 54Mbps peak:				
Modulation_DSSS(Direct	sequence spread spectrum), DBPSK, DQPSK, CCK, C	PFDM;				
Effective Radiate Power (E	RP) _20.5 dbm, max ERP 2	22.5 dbm					
Specifications_802.11n_	1440						
Additional Information:							
This product uses WIFI con	nnectivity for printer activity	such as print jobs and printe	er configuration				
Does the device ampley	Other Transmis	sion Capabilities					
whatsoever (e.g. anything	any other methods of non-	wired access to transmit	or receive any data 3, or parallel connections)?				
Yes Yes	No	wired TCP/IP, direct USE	s, or parallel connections)?				
	Near-Field Authentication	n with printer Networking su	ihevetome				
If yes, what is the frequence	y 13.56 MHz	; Bandwidth 848 kbit/	s max				
Modulation: ISO/IEC 14443	BB; Effective Radiate Power	(ERP): 0 dbm (passive writ	er only).				
Specifications RF Standa	ard ISO/IEC 14443B and NF	C Tag Type 4B	,,,.				
Additional Information:							
Described and a second	Other Ca	apabilities					
Does the device employ a	any other method of comm	nunications such as a Mod	dem to transmit or receive				
any data whatsoever? Yes	CI No.						
If yes, what is the purpose:	□ No						
Specifications: T 30 FAX pr	otocol standard for FAX cor	manual action					
Within	T 30 woulse V21 protect	nmunication.					
Within	T.30, we use V21 protoc	ond V 24 on data transfer					
Speeds -	T.30, we use V.17, V.29,	(14 4Kbbs) and Foot (22	er protocois				
Default sei	Slow (9.6Kbps), Medium (tting = Medium (14.4Kbps	(14.4Kbps), and Fast (33.	.orops).				
Note: Kho	s = thousand bits per seco	ond					
Note: Rbp	e transmission is near the						
Additional Information:	e transmission is poor, the	e data protocois may lowe	er speed.				
	receive FAX transmissions	over a standard tolophone I	ino				
The product can cond and	Vendor Engineer/SMF Re	epresentative Information	ine.				
Name:	Title:	Office Phone:	Fax/Email:				
David Gembala	Lead EE R&D Engineer	(360) 975-5213					
Kevin Tang	Lead FW R&D Engineer	0.25 200	david.gembala@hp.com				
Hope Sparks	R&D FW Program	(360) 212-8795	ktang@hp.com				
Signature:	Manager	(360) 212-9393	summer.sparks@hp.com				
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HOPE (Margh							
Date Completed:							
02.11.16							
FEBRUARY 11,2016							