Letter of Volatility

Model Number:	Part Number:	Manufacturer:
HP PageWide 352dw	J6U57	Street Address: HP, Inc. 1115 SE 165th Ave, Suite 210 Vancouver, WA 98683

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)	256MB and 256MB	☐ Yes ☑ **No**	Contains decompressed system firmware and print data during printing	Power Off printer
Type (SRAM, DRAM, etc):	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Sanitize:
Type (SRAM, DRAM, etc):	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Sanitize:

Non-Volatile Memory

Does the item contain non-volatile memory (i.e., memory whose contents are retained when power is removed)?   ☑ **Yes**   ☐ No

Type (Flash, EEPROM, etc):	Size:	User Modifiable:	Function:	Process to Sanitize:
Type (Flash, EEPROM, etc):Flash	256MB	☑ **Yes** ☐ No	System Firmware and firmware upgrade, system control data, user preferences, and variables.	User preferences cleared by performing various resets via "Support" menu. Access from Home menu by pressing "back, back, back, back".
Type (Flash, EEPROM, etc): EEPROM (2 separate devices)	32kB and 32kB	☑ **Yes** ☐ No	Contains system control data, user preferences, and variables.	Cleared by performing various resets via "Support" menu. Access from Home menu by pressing "back, back, back".
Type (Flash, EEPROM, etc):EEPROM	64kB	☐ Yes ☑ **No**	Contains backup of critical system control data and critical user preferences.	Cleared by backing up data from a previously reset system.
Type (Flash, EEPROM, etc): Secure EEPROM	17kB	☐ Yes ☑ **No**	Contains secure internal printer data.	N/A

Media				
Does the item contain media storage capability (i.e., removable or non-removable disk drives, tape drives, memory cards, etc.)? ☐ Yes ■ **No**				
Type (Disk, Tape, etc): Memory Card Removable:☐ Yes ☐ No	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Sanitize:
Additional Information:				

USB
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 and Device FW updates   ☐ No   (Can any data other than scan upload be sent to the USB device)?   ■ Yes   ☐ **No**
Additional Information: This product has both a USB device port and a USB host port. Data on the USB host port can be accessed from the device port.

RF/RFID

Does the item use RF or RFID for receive or transmit of **any** data including remote diagnostics. **(e.g. Cellular Phone, Bluetooth)**

☑ **Yes**   ☐ No

If yes, what is the purpose__WiFi connectivity for printer activity such as print jobs and printer configuration._

If yes, what is the frequency 2.4GHz ISM band (2400-2500MHz); Bandwidth 36Mbps avg., 54Mbps peak;

Modulation__DSSS(Direct sequence spread spectrum), DBPSK, DQPSK, CCK, OFDM__;

Effective Radiate Power (ERP) _20.5 dbm, max ERP 22.5 dbm_.

Specifications_802.11n_____

Additional Information:
This product uses WiFi connectivity for printer activity such as print jobs and printer configuration._

Other Transmission Capabilities

Does the device employ any other methods <u>of non-wired access</u> to transmit or receive any data whatsoever (e.g. anything other than standard hard wired TCP/IP, direct USB, or parallel connections)?

☑ **Yes**   ☐ No

If yes, what is the purpose: __Near-Field Authentication with printer Networking subsystems_

If yes, what is the frequency__13.56 MHz_____; Bandwidth_848 kbit/s max_____:

Modulation: ISO/IEC 14443B; Effective Radiate Power (ERP): 0 dbm (passive writer only).

Specifications __RF Standard ISO/IEC 14443B and NFC Tag Type 4B_____

Additional Information:

Other Capabilities

Does the device employ any other method of communications such as a Modem to transmit or receive any data whatsoever?

☐ Yes   ☑ **No**

If yes, what is the purpose_____

Specifications_____

Additional Information:

Vendor Engineer/SME Representative Information

Name:	Title:	Office Phone:	Fax/Email:
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Signature:

Date Completed:

02.11.16

FEBRUARY 11, 2016