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To whom it may concern,

RE: Application for FCC ID: R68XPSWF and IC ID: 3867A-XPSWF

This letter is to provide a description of the hardware differences between Wireless Print Solutions Adapter and XPrintServer. Both units consist of a main circuit board, an NFC board, and a flex cable between the main circuit board and NFC board. The NFC board and flex cable are identical. Both units use the same main PCB, except that the Wireless Print Solutions Adapter version does not include the dual USB host connector and a second LED. Both units use the same board layout for the main PCB. The RF circuit population is the same. The plastic housing is different as well to account for the USB port, LED, and company branding differences.

Lantronix believes that the use of a single FCC ID and IC # are justified since the RF circuit is unmodified between the two units. Samples submitted for certification include the dual USB host connector and second LED. The removal of the dual USB host connector and LED will not alter or change the performance of the RF transmitter. Shown below are the main PCB schematic and artwork revisions along with the BOM difference for the two PCBAs.

Component	Wireless Print Solutions Adapter	XPrintServer	
Main PCB artwork	330-297-R Rev C	330-297-R Rev C	
Schematic, main PCB	330-297-SCH-R Rev C	330-297-R SCH-Rev C	
BOM differences	BOM 030-535-R Wireless Print Solutions Adapter Main PCBA	BOM 030-521-R XPrintServer Main PCBA	
U23, U24	Not populated	Populated	TVS diodes for USB Port
J9	Not populated	Populated	dual USB Host connector
C186, C187, C172, C173, L20, C174, C185	Not populated	Populated	capacitors used on Dual host connector interface
L19, L24	Not populated	Populated	Filter beads for USB Host Port power
LED4	Not populated	Populated	LED for XPrintServer version

Sincerely,

Daryl R. Miller

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Vice President of Engineering, Lantronix Inc.