Hanchett Entry Systems
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May 28, 2015

Subject: Product Portion Equality Declaration and Similarities to Previously Certified Products of the Same Family

To Whom It May Concern:

Product Portion Equality Declaration

The below listed radio technology supported asset locking devices for which FCC and IC approval is applied incorporate identical 2.4GHz IEEE 802.15.4 and 13.56MHz / 125kHz RFID radio portions, including its integral antenna:

Model Identifier	*Description*	*FCC ID*	*IC ID*	*RFID frequency* *13.56MHz or 125kHz (*1)*	*Applicant (*2)*
K100-622-SE2	Aperio Cabinet Lock	VC3-KKSR100SE	7160A-KKSR100622SE	13.56MHz	Hanchett Entry Systems, Inc.
KS100-640-SE2	Aperio Server Lock				Hanchett Entry Systems, Inc.
R100-SE2	Aperio Reader				Hanchett Entry Systems, Inc.
K100-622-PA2	Aperio Cabinet Lock	VC3-KKSR100PA	7160A-KKSR100622PA	125kHz	Hanchett Entry Systems, Inc.
KS100-640-PA2	Aperio Server Lock				Hanchett Entry Systems, Inc.
R100-PA2	Aperio Reader				Hanchett Entry Systems, Inc.

**1: The used identical RFID radio chip is fix programmed to operate at 13.56MHz in the "high frequency" models and at 125kHz in the "low frequency" models.*

**2: Hanchett Entry Systems, Inc. is a formal subsidiaries of Assa Abloy, but has it's own dedicated FCC and IC company number (see attestation regarding company names which is part of the filed exhibits).*

Based on equality of the radio portions in all the models only the radiated part of the relevant testing from FCC 15.249, and IC RSS-210 respectively, has been applied to each of the above listed models while the test portion of the RFID performed on the K100-622-SE, KS100-640-SE and R100-SE are used to show compliance to parts 15.225 and 15.205/209. Conducted tests portion for the RFID radio has been performed with the model R100-1-SE only, and is leveraged for the other models.

The radiated test reports provide the references to the complementary conducted test reports where testing is leveraged.

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Similarities to Previously Certified Products of the Same Family

New FCC and IC ID's for this filing are contained in the table below and are shown adjacent to the FCC and IC ID's for the same products under a previous filing and certification.

Adjustment of the matching network for the UHF 2.4GHz IEEE 802.15.4 radio link for the purpose of enhanced performance caused the creation of new model identifiers, FCC ID's, and IC ID's as shown in the table below.

The schematics and assembly bills of materials provided in the filing show that the only changes between the new and the old products reside with the component population of the UHF matching network circuit. All other components and functions in the product defined by the new FCC/IC ID's remain the same and exactly identical to the product defined by the old FCC/IC ID's.

Description	*Previous Model Identifier*	***NEW*** *Model Identifier*	*Previous FCC ID*	***NEW*** *FCC ID*	*Previous IC ID*	***NEW*** *IC ID*	*RFID frequency 13.56MHz or 125kHz*
Aperio Cabinet Lock	K100-622-SE	K100-622-SE2	VC3-K100622SE	VC3-KKSR100SE	7160A-K100622SE	7160A-KKSR100622SE	13.56MHz
Aperio Server Lock	KS100-640-SE	KS100-640-SE2	VC3-KS100640SE		7160A-KS100640SE		
Aperio Reader	R100-1-SE	R100-SE2	KSF-R1001SE		11546A-R1001SE		
Aperio Cabinet Lock	K100-622-PA	K100-622-PA2	VC3-K100622PA	VC3-KKSR100PA	7160A-K100622PA	7160A-KKSR100622PA	125kHz
Aperio Server Lock	KS100-640-PA	KS100-640-PA2	VC3-KS100640PA		7160A-KS100640PA		
Aperio Reader	R100-1-PA	R100-PA2	KSF-R1001PA		11546A-R1001PA		

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If you have any questions, please do not hesitate to contact us at +1 623-582-4626.

Sincerely,

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