



11/3/2022

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

To whom it may concern:

Impinj, Inc., hereby requests a Permissive Change Class II of the radio equipment certification for the Impinj R700 RAIN RFID Reader certification number, FCC ID: TWYR700. This product differs from the originally approved product in the following manner:

- (a) Associated circuitry – minor changes to circuitry of this product
 - a. Add C997 and 3 NM footprints between grounds to reduce RF coupling
 - b. Added C1109, C1134 to VCO
- (b) Functional Capabilities – No changes to the functional capabilities of this product
- (c) Antenna Characteristics – model numbers added/removed from list of certified antennas
 - a. Adding the follow antennas
 - i. Model number: ADAN-P11US-FL-200
 - ii. Model number: ADAN-p12US-FLSMA-200.01
 - iii. Model number: ADAN-p13US-ESSMA-200.01
 - iv. Model number: ADAN-p16US-FRSMA-200.01
 - v. Model number: ADAN-p33US-FLSMA-200.01
 - vi. Model number: ADAN-SP12US-PROSMA-1-100.04
- (d) Cosmetic differences – No changes to the cosmetic differences of this product

I do attest that the Field strength and/or RF Output readings remained the same or are lower than the originally approved product and that they did not increase therefore qualifying this product for this application type.

Sincerely,

Michelle Branum for Bill Ashley
CKCCS Administrative Assistant.

Bill Ashley
Hardware Engineering
Impinj, Inc.

WWW.IMPINJ.COM

400 Fairview Ave N, Ste 1200 \ Seattle, WA 98109 \ +1.206.517.5300