



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,

A handwritten signature in black ink that reads "Michelle Branum".

Michelle Branum for Bill Ashley  
CKCCS Administrative Assistant.

Bill Ashley  
Hardware Engineering  
Impinj, Inc.

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