

## DECLARATION OF SIMILARITY

April 13, 2020

To:

Federal Communications Commission

7435 Oakland Mills Road

Columbia MD 21046

Subject: Request for Confidentiality

FCC ID : S9GR850

To:

Innovation, Science and Economic Development

Canada

Certification &amp; Engineering Bureau

P.O. Box 11490, Station H

3701 Carling Ave., Building 94

Ottawa, Ontario K2H 8S2

IC: 5912A-R850

Dear Sir or Madam:

Ruckus Wireless Inc. hereby declare that product: Indoor Wireless Access Point, model: R850 is electrically identical with the same RF performance, electromagnetic emissions and electromagnetic compatibility characteristics as model: R730, certified by FCC under FCC ID: S9GR730 and Certified by ISED under IC:5912A-R730. Both models use the same PCB board and integrated Antennas.

A description of the differences between the tested and certified model R730 and declared similar model R850 are as follows:

1. Radio Processor chip is replaced with Pin-to-Pin compatible new version released by QUALCOMM (R730 use Hawkeye V1.0 to R850 use Hawkeye V2.0)
  - a. QUALCOMM Hawkeye V2.0 supports IEEE 802.11ax OFDMA modulation in addition to original QUALCOMM Hawkeye V1.0 supports IEEE 802.11a/b/g/n/ac OFDM modulation.
2. Minor changes in RF matching circuitry – value changes ONLY for better matching the Impedances, between the QUALCOMM Radio Processor chip Hawkeye V2.0 and existing RF amplifiers and Antennas.

Please do not hesitate to contact me if need for any additional clarification or information.

Sincerely,

Signature:

Name:  Ivaylo Tankov

Title: Principal Wireless Compliance Engineering

Email: [certifications@commscope.com](mailto:certifications@commscope.com)