

## DECLARATION OF SIMILARITY

August 10, 2023

Federal Communications Commission  
Authorization and Evaluation Division  
7435 Oakland Mills Rd.  
Columbia, MD 21046

Dear Sir or Madam:

We, rf IDEas, Inc. hereby declare that the Wave ID products listed in the table below are electrically identical with the same electromagnetic emissions and electromagnetic compatibility characteristics as the tested units, which was tested by Radiometrics Midwest Corporation, the results of which are featured in Radiometrics' project: RP-9208. (Reference FCC ID: M9MF80100).

The following table is the product family list of the readers that use the same electronics and PCB as the ones tested in this report. The untested model numbers listed below are electrically identical with the same electromagnetic emissions and electromagnetic compatibility characteristics as those tested, therefore the tests on the model numbers below are representative for the tested models.

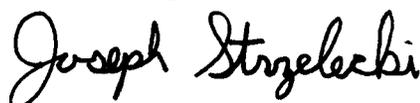
Model Number	Description
RDR-80541AKU-RSOP	WAVE ID Plus Keystroke Ricoh SOP USB Reader <b>Tested Sample</b>
OEM-805N13KU-V3	WAVE ID Plus OEM V3 Keystroke Micro module USB Reader This has the same exact electronics and firmware as the above model. It is provided to the customer without a housing

The current HID SE processor used in the current models like RDR-8041AKU-RSOP has reached the end-of-life cycle for IC designated at U4. The current IC part number and marking will change from SIM3U156-B-GM to ST25R3911B-A-AQFT, now designated at U300.

1. The new microcontroller processor IC is not pin-for-pin compatible, therefore requiring a new PCB
2. The PCB has changed from PCB-1080-03 to PCB-1133-01
3. The new SE processor has the same exact function as the old chip
4. No change in radio parameters has occurred.
5. The Integrated Circuits and components generating the 13.56 MHz and 125 kHz RF signals have not changed.
6. The form, fit, and function of the EUT remains identical. The clocks, tuning circuits, antennas, RF power, and modulation remained unchanged.

Please contact me should there be need for any additional clarification or information.

Best Regards,  
Authorized Signature



Joseph Strzelecki  
Senior EMC Engineer  
Radiometrics Midwest Corporation  
Authorized Agent for rf IDEas, Inc.