

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

March 31, 2022

**Reference FCC ID: M9MF30100****Regarding: Application for a Class II Permissive Change/Reassessment****Organization: rf IDEas, Inc.**

The following Models: OEM-305N11KU-BGM-S, OEM-305N11KU-BGM, OEM-305N11KU-BGM-X, and OEM-305N11KU-BGM-S-X, are added to this permissive change.

The original model numbers are RDR-30541AKU, RDR-30031AKU, RDR-30531AKU, and RDR-30532AKU. They have been previously certified under the IC ID number listed above. We would like to file for Class II permissive change certified under the same IC ID number.

The changes are as follows:

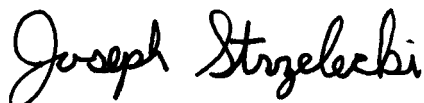
Model Number	Description for the WAVE ID Plus; USB Reader
OEM-305N11KU-BGM-S	WAVE ID Mobile OEM V2 Pack ID Keystroke Expandable module USB Reader <b>(Tested Sample)</b>
OEM-305N11KU-BGM	WAVE ID Mobile OEM V2 Pack ID Keystroke module USB Reader
OEM-305N11KU-BGM-X	WAVE ID Mobile OEM V2 Pack ID Keystroke module USB Reader without cable
OEM-305N11KU-BGM-S	WAVE ID Mobile OEM V2 Pack ID Keystroke Expandable module USB Reader
OEM-305N11KU-BGM-S-X	WAVE ID Mobile OEM V2 Pack ID Keystroke Expandable module USB Reader without cable

The series inductors on the antenna have been changed to 180 nH (L1 & L2) and C1 to 33 pF. The original L1 & L2 was at 100 nH and C3 was at 39pF. The RFID BLE reader will not have a housing.

1. The function of the reader remained identical.
2. The clocks, tuning circuits, antennas, RF power and modulation remained unchanged.
3. No change in radio parameters has occurred
4. The main PCB has not changed.

Model OEM-305N11KU-BGM-S was fully tested as it represented all changes made to the product.

Authorized Signature



Joseph Strzelecki  
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Radiometrics Midwest Corporation  
Authorized Agent for RF Ideas.