



SOLVING A WAVE OF EMI COMPLIANCE PROBLEMS

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Page 1 of 1

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

Reference FCC ID: M9MM7XC

Regarding: Application for a Class II Permissive Change/Reassessment

Organization: rf IDEAS, Inc.

We are filing for a Class II permissive change certified under the same FCC ID: M9MM7XC.

The current micro controller processor used in the current models like RDR-70U1AKU or RDR-75U1AKU reached the end-of-life cycle for IC designated at U3. The current IC part number and marking will change from SIM3U154-B-GM to STM32G473CEU6 now designated at U200. The form fit, and function of the IC remained identical. The clocks, antennas, and modulation remained unchanged.

1. The new microcontroller processor IC is not pin for pin compatible, therefore requiring PCB layout changes. The new microcontroller does not generate or amplify the 13.56 MHz RF signal.
2. The PCB Identification has changed from PCB-1088-07 to PCB-1150-02
3. The new microcontroller processor has the same exact function as the old chip
4. No change in radio parameters has occurred
5. The Integrated Circuits generating the 13.56 MHz RF signals have not changed.
6. The tuning circuits have minor value changes. The revised schematics are included in this application.

Authorized Signature

A handwritten signature in black ink that reads 'Joseph Strzelecki'.

Joseph Strzelecki
Senior EMC Engineer
Radiometrics Midwest Corporation
Authorized Agent for RF Ideas, Inc.