

Modular Approval Request Letter

To: Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

To: Industry Canada
Certification and Engineering Bureau
3701 Carling Avenue Bldg. 94
P.O. Box 11490, Station "H"
Ottawa, Ontario
K2H 8S2
CANADA

RE: Limited Modular Approval Request

Dear certification officers,

Pursuant to the FCC Rule 15.212 Modular transmitters and KDB 966369 D01 Module Certification Guide v01r03, RADWIN Ltd. hereby applies for Limited Modular Approval for the Model AP0136450, under FCC ID: Q3KRW3XMOD and IC: 5100A-RW3XMOD.

The justification for the application is based on the attestation that RADWIN Ltd., being the sole manufacturer and the assembling factory of both the module and the final product, has full control over the production line and the final product. The module is assembled in enclosures manufactured and tested by RADWIN or its approved subcontractors. The module will not be marketed, distributed or sold to the general public as it is incapable of operating as a standalone product. It is installed only in devices manufactured by RADWIN Ltd. or its approved subcontractors.

According to the requirements in section 15.212 of FCC rules -

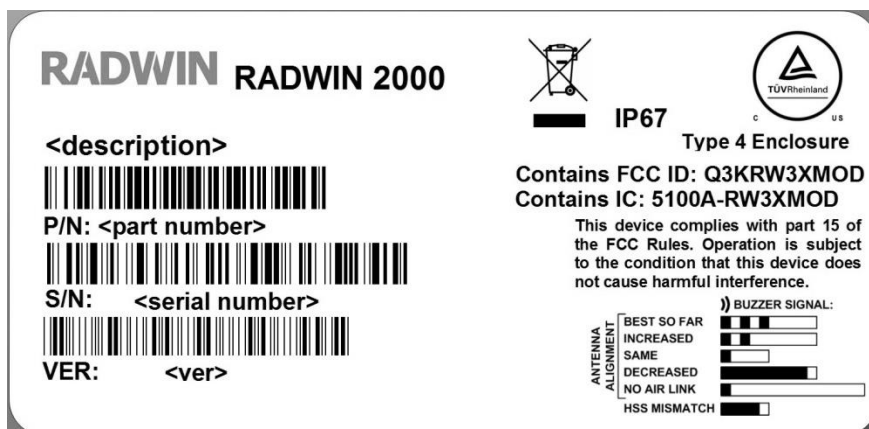
1. The module has its own RF shielding as shown in the presented in the photo at the end of this document.
2. The module has buffered data/modulation inputs provided by the Atheros.
3. The module has on board the power supply regulation.
4. The module is supplied with unique antenna connector. The module is installed into the device at RADWIN's production line with the unique antenna cabling and connectors, as tested. Only the RADWIN antennas detailed in the manual are marketed with the module. The final installation of the unit is done only by professional installers trained by RADWIN representatives.
5. The unit was tested in a stand-alone configuration. The test was performed with the module attached to a digital board representing typical RADWIN host configuration.

6. The module will be labeled with the FCC ID: Q3KRW3XMOD and IC: 5100A-RW3XMOD as shown in the photo at the end of this document. The device into which the module is installed will also display a label referring to the enclosed module as shown at the end of this document: "Contains FCC ID: Q3KRW3XMOD, Contains IC: 5100A-RW3XMOD".
7. The module was tested for compliance with FCC rule Part 90 subpart Z. The integration of the module is done by RADWIN and there is no access to RADWIN manufactured device by third party.
8. The module complies with RF exposure requirements as shown in the MPE document.

Photographs



Module with the RF shielding and Label



External Label sample attached to host enclosure


Roni Barshan

November 1, 2013

RF Department Manager

RADWIN Ltd.