

# Airaya

American Telecommunications Certification Body, Inc.  
6731 Whittier Avenue  
Suite C110  
McLean, VA 22101

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To Whom It May Concern:

As part of the configuration of the AIRAYA AI108, we provide the ability for an external N-type connector to be used in a number of special case installations. These installations require a trained installer to insure the operation of the unit is correct and meets the requirements of the FCC and Industry Canada (IC). We believe that the product has a very specific set of applications that make having the external N-type a necessity.

For instance, in extreme cold weather conditions, the electronics of the radio unit will need to be sheltered from the elements to prevent its operating temperature from being sustained below 0 degrees for any length of time. An external cabling system will allow for this. With no active components in the antennas, the antenna can be mounted in the extreme elements, allowing the unit to operate normally while the radio unit is protected from the elements.

In addition, as antenna technology improves, costs drop, and new antenna suppliers enter the market, we believe that this version of the product will allow us the flexibility needed to meet new requirements for these types of products and unforeseen user requirements. Any new antenna that will be used, inside the US and Canada, with this version of the product, will be tested and a permissive change submitted for approval before release to our Professional Installers.

Before a qualified reseller/professional installer is allowed to purchase an external N-type connector version of this product, the reseller will

certify that the unit will be used only with currently approved antenna's for the AIRAYA AI108 product family with only a cable connected between the primary radio unit and the antenna.

All qualified resellers in the US and Canada will sign an affidavit, agreeing, that any configuration of the AIRAYA AI108 with an external N-type connector, sold by them, will only be attached to an approved antenna for this version of the product. The reseller will provide the necessary Professional Installation to the end user guaranteeing that the unit does not exceed the output power requirements of the US and Canada. Also, the reseller and the Professional Installer will be responsible for guaranteeing that the end user has an FCC and IC approved configuration of the product.

Training for the reseller and Professional Installer will be provided by AIRAYA. These training sessions will include the latest information on acceptable (approved) antenna's for the AI108, path and the use of the encrypted access to on-board firmware.

Sincerely,

William G. Pabst  
Vice President, Engineering  
AIRAYA