

# Product Labeling Instruction for URD Network Elements

## 1.0 General

### 1.1 Location

Each label shall be applied to the unit at the location indicated in Figures 1 and 2 below. The label should be applied so that all vertical and/or horizontal markings can be read in the same direction as other labels on the unit.



Figure 1 Location of FCC Label



Figure 2 Location of Product Label

## 1.2 Markings

All human readable markings must be clear and legible when viewed with normal vision at a distance of twelve inches from eye contact.

## 2.0 ENVIRONMENTAL

### 2.1 VERIFICATION TEST

Verification testing shall consist of rubbing the printed area for a period not to exceed fifteen seconds, with pressure applied with finger, thumb, or common pencil eraser. A minimum thirty seconds cure time, after printing, is required before testing. After testing, the printed area (bars and adjacent spaces) shall be visually examined for clarity and/or distortion.

### 2.2 LABEL PRINTER

The document provides the label specification for the printer with 8 dots/mm, 300 dpi (minimum) print-head resolution.

## 2.3 BARCODE DARKNESS

The darkness (burn temperature) setting should be optimized using barcode verification equipment.

## 3.0 CONTENTS OF THE LABEL

The Product Barcode Label shall contain the following information.

- SERIAL NUMBER – The serial number (S/N) printed on the Product Label has a length of 16 characters and is to be printed in both barcode and human readable form.
- PRODUCT PART NUMBER (ID) – Part Number of the Bill of Material (BOM).
- REVISION LEVEL – The revision level of the BOM.
- PRODUCT DESCRIPTION (Name) – The description should be the description on the BOM.
- MAC ADDRESS - Where applicable the MAC addresses for North Bound, South Bound and Cable Modem shall be printed on the label.
- COUNTRY OF ORIGIN – The country of origin is printed in human readable form only (the country of origin is the location where the final assembly of the IRD is completed).
- FCC INFORMATION – Depending on the size of the product label the FCC information can be located on the Product Label or will be a separate label placed on the product.

## 4.0 LABEL LAYOUT

### 4.1 FCC LABEL

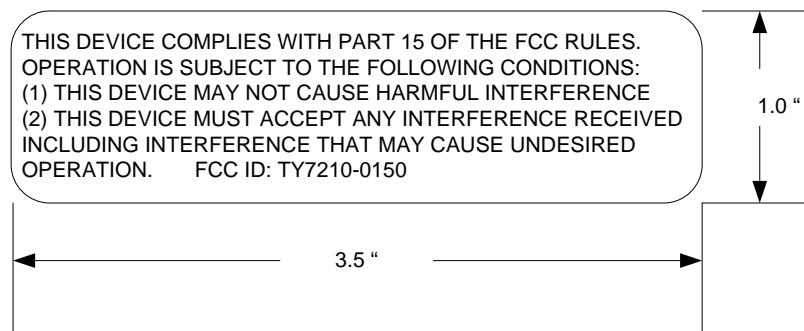


Figure 3 Sample FCC Label

## 4.2 PRODUCT LABEL



Figure 4 Sample Product Label

Depending on what product you are building the information for the Product ID, description serial number, revision level, and MAC Addresses will change.