

Electronic Labeling Methods for Regulatory Compliance in TrellisWare Radios

Version 1.2 September 23, 2026

1 Feature Summary

This document provides a description of the proposed Electronic Regulatory Labeling (E-Label) of the TrellisWare radios employing the TW-650 Core Radio module, in compliance with FCC electronic labeling requirements. The models of radio that utilizes the E-label:

- TW-750

The host radio will display the regulatory identification of the integrated core module, including its FCC ID and ISSED certification number

Prior to use in a given network, the radio's operating parameters must be configured. These parameters include operating frequency, channel bandwidth, TX power, number of voice channels, and other parameters. These parameters are set through the use of the TrellisWare Management Tool (TMT) application installed on a laptop or other Windows based computer.

When the FCC Compliant toggle in TMT is selected (as shown below), the end users may adjust the radio parameters only within the limits established by the manufacturer. The TMT tool does not provide any means for the end user to alter those limits or to configure the device for operation outside the parameters authorized under FCC and ISSED requirements.

Active Features

☐ BARRAGE BEAMFORMING
 ☒ **FCC COMPLIANT**
☐ HDR+
 ☐ LONG RANGE
 ☐ LOW LATENCY
 ☐ SPECTRUM PIPELINING
 ☐ VOICE OVERRIDE

Waveform

Waveform Mode	TSM	Network TTL Override	None	COMSEC Name	6960CFEBB1D1477
Center Frequency	915.000 MHz	PLI Class	4 (Highest)	Network Key Name	305A242BEA2726F
Bandwidth	1.2 MHz	Time Quality Threshold	0	Network Key	305A242BEA2726FFC
Transmit Power	1 W	Waveform Compatibility	6.2.x	Data Key	6960CFEBB1D1477D
FCC Compliant	☒			Clonable	☒
Barrage Beamforming	☐				

2 Using TNC to Access Electronic Labeling

Included in the radio software is a monitor and control application called TrellisWare Network Controller (TNC). The TNC application includes the E-Label information described in this document.

The laptop computer connects to the radio through an Ethernet, USB, or WiFi interface. Users enter the IP address of the radio or a default IP address of 10.1.0.2 into a Web Browser such as Firefox or Chrome to access the TNC application. In the TNC application, users can click on multiple menus to access radio functions, set various radio operating parameters, monitor radio performance, and see other radios connected in the wireless network.

The regulatory E-Label is one level deep in the menu structure.

- From the main TNC page, click on **Help**
- The regulatory E-Label is shown in the **Legal** block.

Please refer to the following figure for a description of the E-label using the TNC application.



Figure 1 - FCC E-label Use

Since the TNC application is built into the Core Radio software, TNC is resident on all radios using the Core Radio module and the regulatory E-Labels are visible on all FCC licensed radios.

3 E-Label Details

The electronic label will contain the following information on the 'About' page:

Manufacturer: TrellisWare Technologies

Model: TW-750

FCC ID: 2A6X2-750A

IC: 28565-750A

Contains FCC ID: 2A6X2-750W

Contains IC: 28565-750W

CAN ICES-3 (B)/NMB-3(B)

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful disturbance, and
2. This device must accept any disturbance received, including interference that may cause undesired operation

4 Temporary label

The following details will be attached by an adhesive removable label:

FCC ID: 2A6X2-750A

IC: 28565-750A

Contains FCC ID: 2A6X2-750W

Contains IC: 28565-750W

5 Product Documentation

TrellisWare generally delivers Users Guides, Technical Notes, and similar documentation in electronic form through a support website. FCC and ISED licensed radios include a physical document in their shipping kit which includes a link to the support site where they can download the Regulatory Tech Note TN-0151 – FCC Certified Radios. The Tech Note includes the FCC certification information, regulatory markings and required statements, including the following:

- How to recognize the radio is licensed for FCC and ISED compliance
- Accessory equipment that is FCC and ISED compatible – dongles, antennas, etc.
- Operating restrictions that the professional installers must follow to maintain FCC and ISED certified operation including frequencies, TX power, antenna selection, etc.
- Instructions on how to obtain the FCC ID and ISED details of the product through the TNC application.

This Tech Note, in conjunction with the User's Guide and other Tech Notes, will provide all the documentation users need to operate the FCC radios.