

CT711 LANforge RF Noise Generator and RADAR Simulator

The CT711 RF Noise generator and RADAR Simulator is used for WiFi testing. The CT711 uses modified firmware to generate micro-second precision bursts of RF Noise. The burst width, burst spacing, and number of bursts are configurable. This can simulate RADAR bursts and so be used for DFS testing.

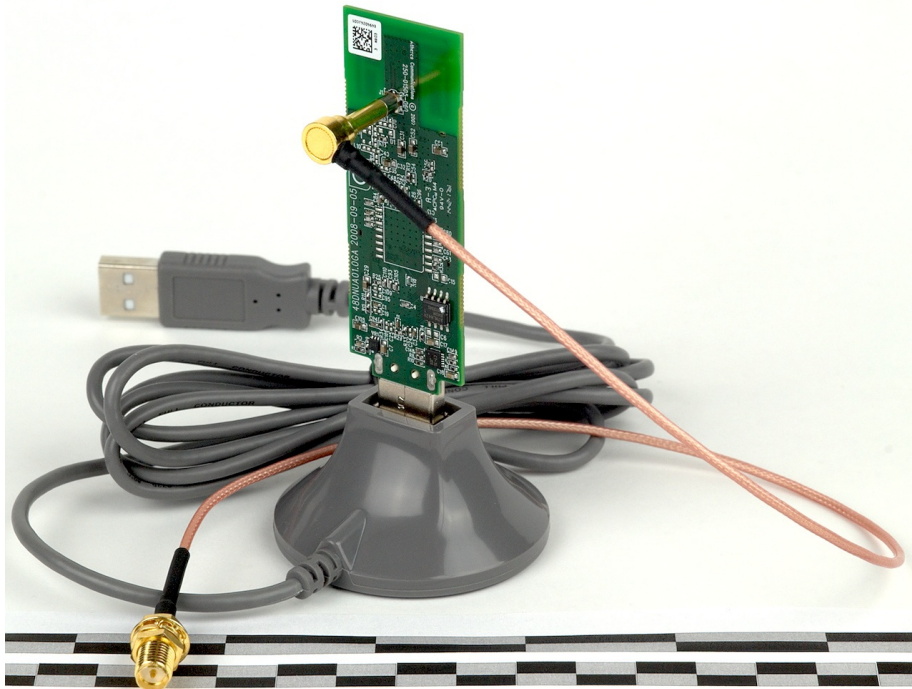
In addition, this unit can create constant RF Noise to enable testing CCA features in WiFi equipment. It is a test tool, and should be used in an RF Isolation chamber or other area where you will not interfere with legitimate RF Equipment or RADAR devices.

On occasion, especially with certain configured settings, the CT711 may have a corrupted on-air signal or fail to generate any signal at all. For this reason, we suggest testing in conjunction with an RF Analyzer so that you can be sure the on-air signal is as you expect.

The CT711 is controlled by the LANforge software suite, which includes a GUI management tool as well as CLI interface for automated scripting.

The CT711 has no moving parts and will fit into a small travel bag or briefcase for easy portability.

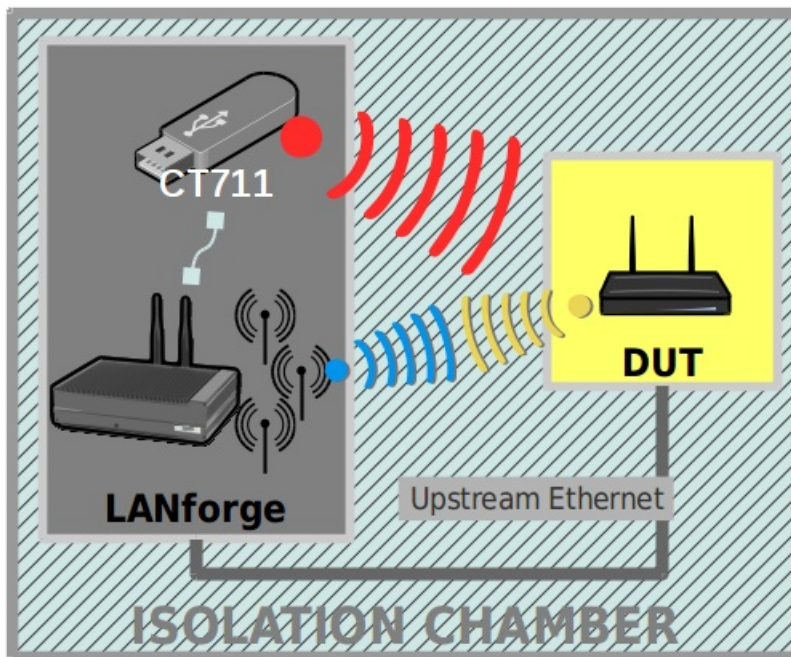
The CT711 includes 1 USB WiFi NIC, 2 RP-SMA Female cable assemblies and USB Cable.



NOTE: This product may have a different hardware configuration than the system pictured above.
Refer to your official quote for details.

Candela Technologies Inc., 2417 Main Street, Suite 201, P.O. Box 3285, Ferndale, WA 98248, USA
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Example Network Diagram



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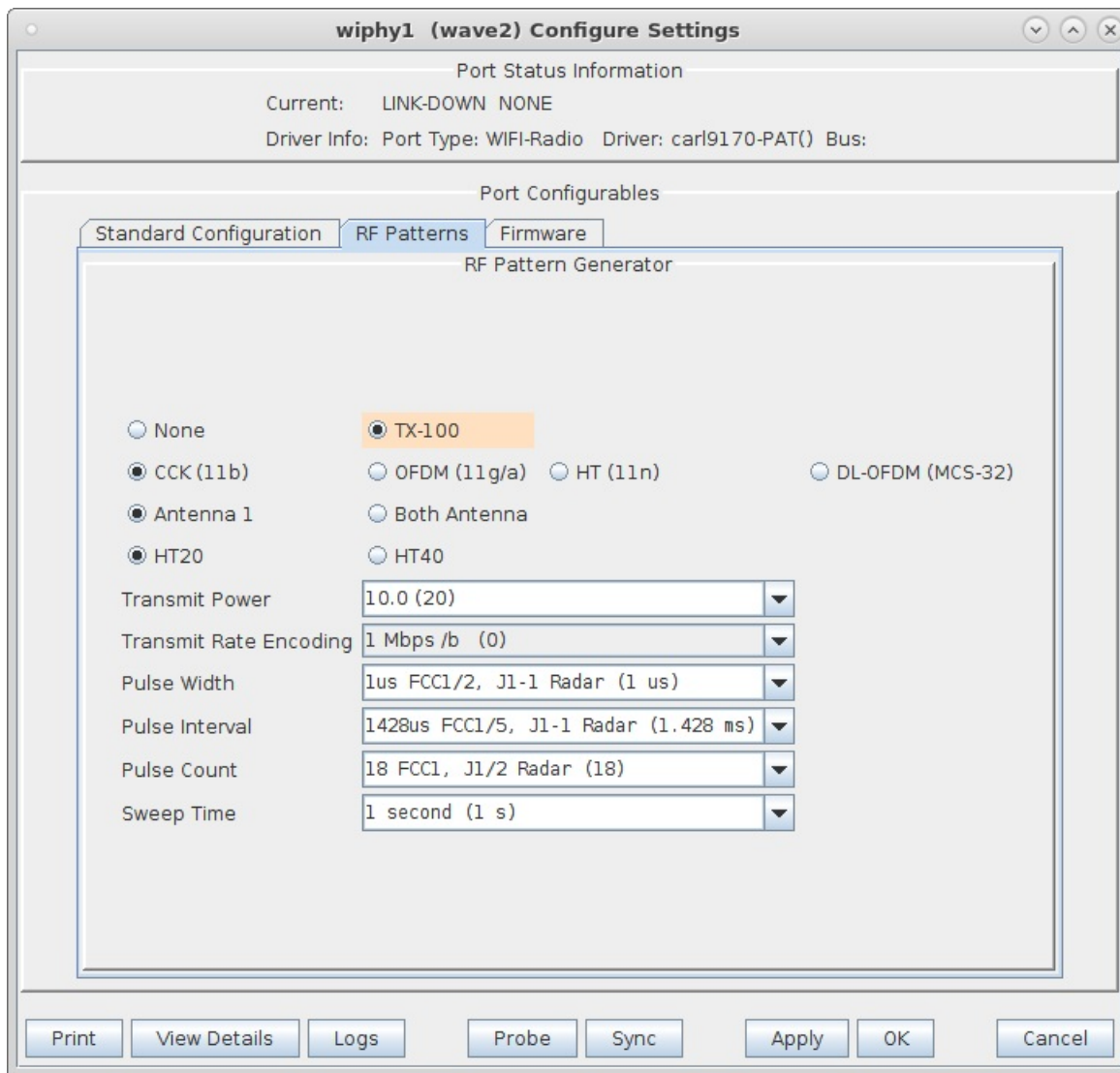
Quick Start Guide

1. Install LANforge on Linux PC.
2. Connect RF Noise generator NIC to PC.
3. Connect LANforge-GUI to PC, and go to Port Mgr tab.
4. Select the wiphy radio, click Modify.
5. Select the channel in the Standard Configuration tab.
6. Click on the RF Patterns tab.
7. Select the values accordingly and press Apply.
8. Verify RF pattern using RF Analyzer.

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LANforge RF Noise and RADAR Simulator Related Images

LANforge-GUI RADAR Simulator Configuration Screen



RF Analyzer traces for FCC-1 RADAR Pattern

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Software Features

Hardware Specification

1. RF Noise generator and RADAR signal Emulator.
2. Includes **ORiNOCO 8494-US 802.11A/B/G/N** USB WiFi adapter and USB cable.
3. Includes 2 SMA cable assemblies for conductive testing.
4. Modified firmware and software to control the tool is included.

List Price: \$4,995 List Price with 1 Year support (17%): \$5,844

Additional Products

For a more complete WiFi testing setup, you may wish to consider the **CT703 Attenuator**, **CT523** and **CT525** series WiFi traffic generators.

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