Software Release Notes – R5500 Firmware Version 1.5.0

20 August 2018

Contents

1 Introduction

This document describes version 1.5.0 of the firmware for the ThinkRF R5500 real-time spectrum analyzer. This firmware is ThinkRF part number 55-0035, dated 20 August 2018.

This product is distributed as a single binary file, ThinkRF_R5500_firmware_v1-5-0.*img*

This version of the R5500 firmware is compatible with all ThinkRF R5500 products.

2 Fixed Defects

1. None.

3 New Features

The following new features and capabilities were added to this version.

1 **Support for HiSLIP and mDNS Protocols.** The R5500 now supports High-Speed LAN Instrument Protocol (HiSLIP) and Multicast DNS (mDNS) protocol. These protocols enable the R5500 to work seamlessly with the Keysight 89600 VSA vector signal analyzer product when used with the ThinkRF product "E300 Enabler for Keysight 89600 VSA".

Please see the following references for further information about these protocols:

[1] IVI Foundation, IVI-6.1: High-Speed LAN Instrument Protocol Specification, Revision 1.0, 2010-06-08.

[2] http://www.multicastdns.org/

[3] https://en.wikipedia.org/wiki/High_Speed_LAN_Instrument_Protocol

4 Known Issues and Limitations

Following are the known limitations or other issues present in this version.

1 **Blinking LED on Reset.** The STS LED does not blink quickly to signal a reset, contrary to product manuals.

Document Revision History

This section summarizes document revision history.

Document Version	Release Date	Revisions and Notes
v1.0	20 August 2018	First release for firmware v1.5.0.

Contact us for more information

ThinkRF Support website provides online documents for resolving technical issues with ThinkRF products at http://www.thinkrf.com/resources.

For all customers who hold a valid end-user license, ThinkRF provides technical assistance 9 AM to 5 PM Eastern Time, Monday to Friday. Contact us at support@thinkrf.com, sales@thinkrf.com or by calling **+1.613.369.5104**.