

SC1887-EVK900/1900/2200: SC1887-04/07 Evaluation Kit

General Description

The SC1887-EVK900/1900/2200 are engineering development tools used for the evaluation of Scintera's SC1887-04 and SC1887-07 Radio Frequency Power Amplifier Linearizer (RFPAL) SoCs. Each kit consists of a reference PCB layout with all required RF components, delay line, and connectors. The SC-USB-SPI is available separately from Scintera or a National Instruments NI-USB-8451 may be used to interface the board to a USB enabled PC running Microsoft Windows. Windows PC software, release notes and a hardware design guide are also provided on CDROM and via FTP download. All one needs for evaluation testing is a PA module, signal generator, intermediate stage driver amplifier(s), couplers, and attenuators as required to set RF levels.

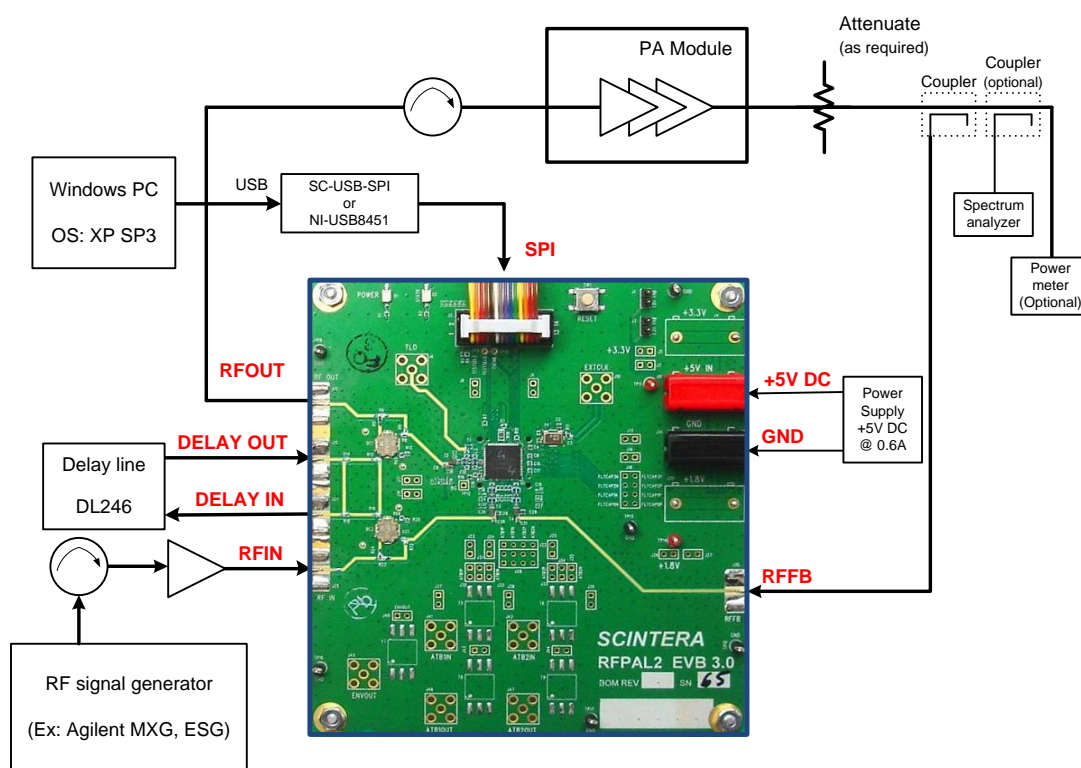


Figure 1: SC1887-EVK900/1900/2200

Operating Temperature Range: -40 to +85 °C

Product Ordering Information

Part Number	Frequency Range
SC1887-EVK2200	Eval Kit, Frequency range (2100-2700 MHz)
SC1887-EVK1900	Eval Kit, Frequency range (1800-2200 MHz)
SC1887-EVK900	Eval Kit, Frequency range (698-960 MHz)
SC-USB-SPI	Adapter, SPI-USB Interface/Controller

Contact Information

For additional information, please contact Scintera Sales at:
1154 Sonora Court, Sunnyvale, CA 94086 • 408-636-2600 • <http://www.scintera.com>

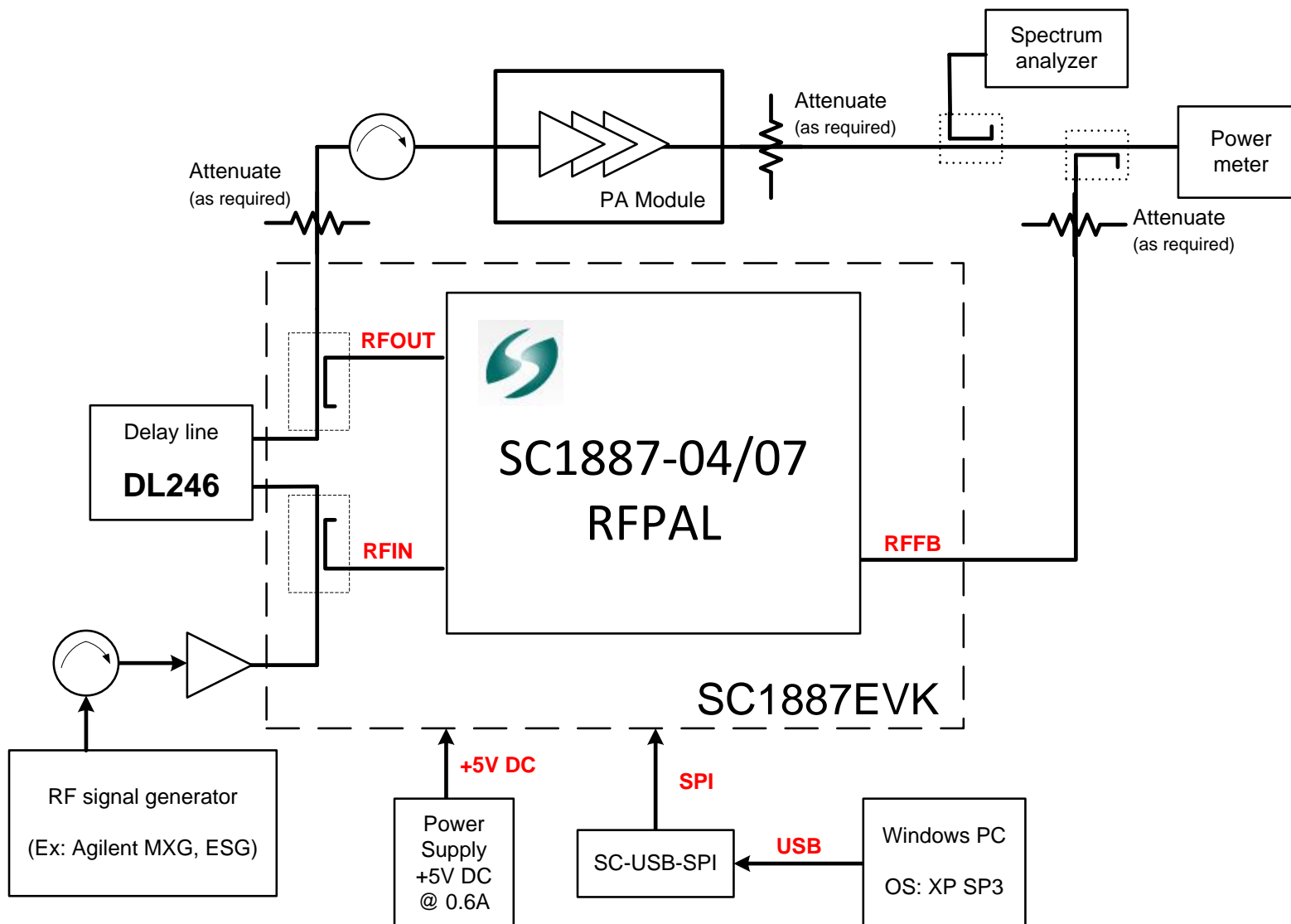


Figure 2: Detailed SC1887-EVK900/1900/2200 Connection Diagram