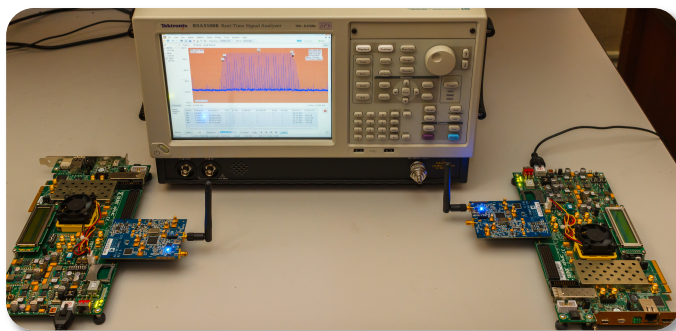# HCDC

HIGH-TECH CONSULTING FOR DIGITAL COMMUNICATIONS

HCDC Introduces Experimental FPGA-Based Radio

HCDC is a wireless telecommunications design and consulting company.

Our FPGA-based radio system is based on a Matlab/Simulink to RTL design flow, implemented in Xilinx' Vivado Suite.

Downloadable code and interface modules to the Analog Devices radio card are readily available and can be adapted to individual needs. Our base system is an OFDM radio operating at a sampling rate of 100 MHz, complete with frame acquisition and channel estimation functionalities.

IDEAL FOR:

- Channel Measurements

- Radio System Development

- Wireless System Testing

To discuss your design service needs, please contact:

Dr. Christian Schlegel

c.schlegel@hcdcgroup.com

(801) 842-8780

HCDC
HIGH-TECH CONSULTING FOR DIGITAL COMMUNICATIONS

See more exciting technology at www.hcdcgroup.com