

## V60WGD02

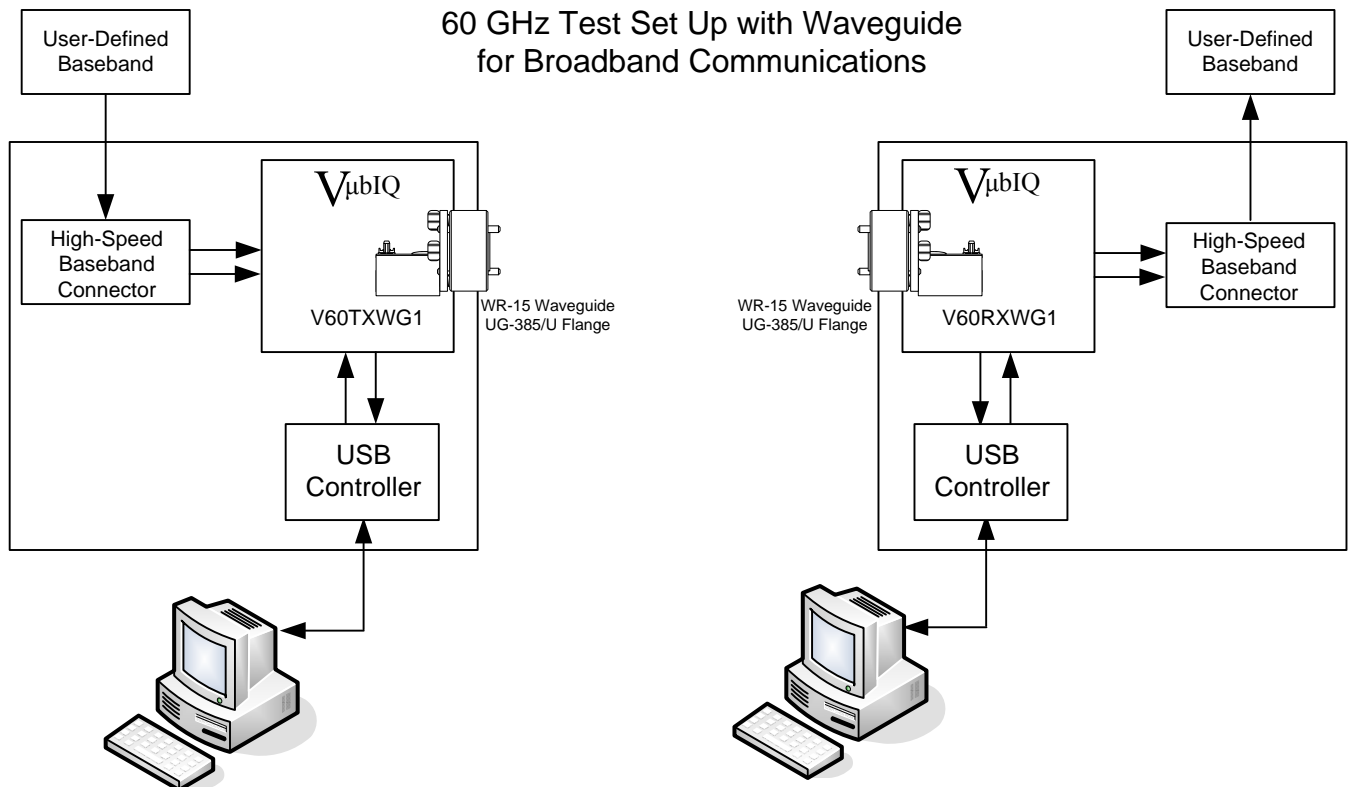
### Technical Overview

#### Features

- Transmitter board hosts Vubiq V60TXWG1 transmitter waveguide module with WR-15 flange
- Receiver board hosts Vubiq V60RXWG1 receiver waveguide module with WR-15 flange
- Configuration and control via USB interface
- 57 to 64 GHz unlicensed band (U.S.)
- On chip synthesizer covers 56.5 to 63.0 GHz with 0.5 GHz step size
- High speed baseband connector for differential I/Q signals
- > 1 GHz modulated bandwidth at 60 GHz
- Also supports AM and FM modulation
- Allows user defined baseband for any high bandwidth application
- Communications and radar modes supported
- TX Waveguide Module, TX board, RX Waveguide Module, RX board, USB cables, Flex Circuit Cables, Expansion Kit, GUI software

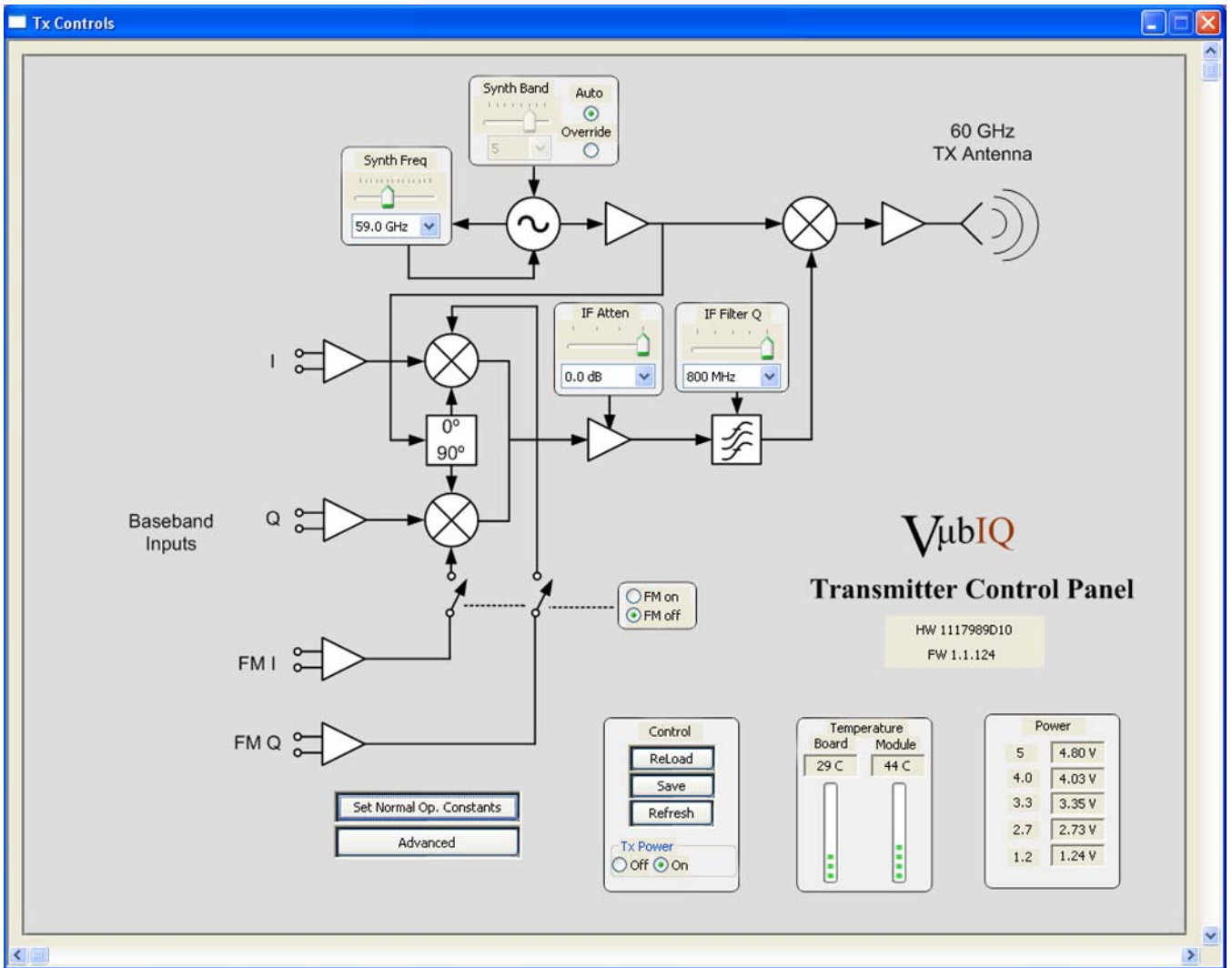


Note: For detailed technical specifications on the 60 GHz waveguide modules, see the V60TXWG2 and V60RXWG2 data sheets



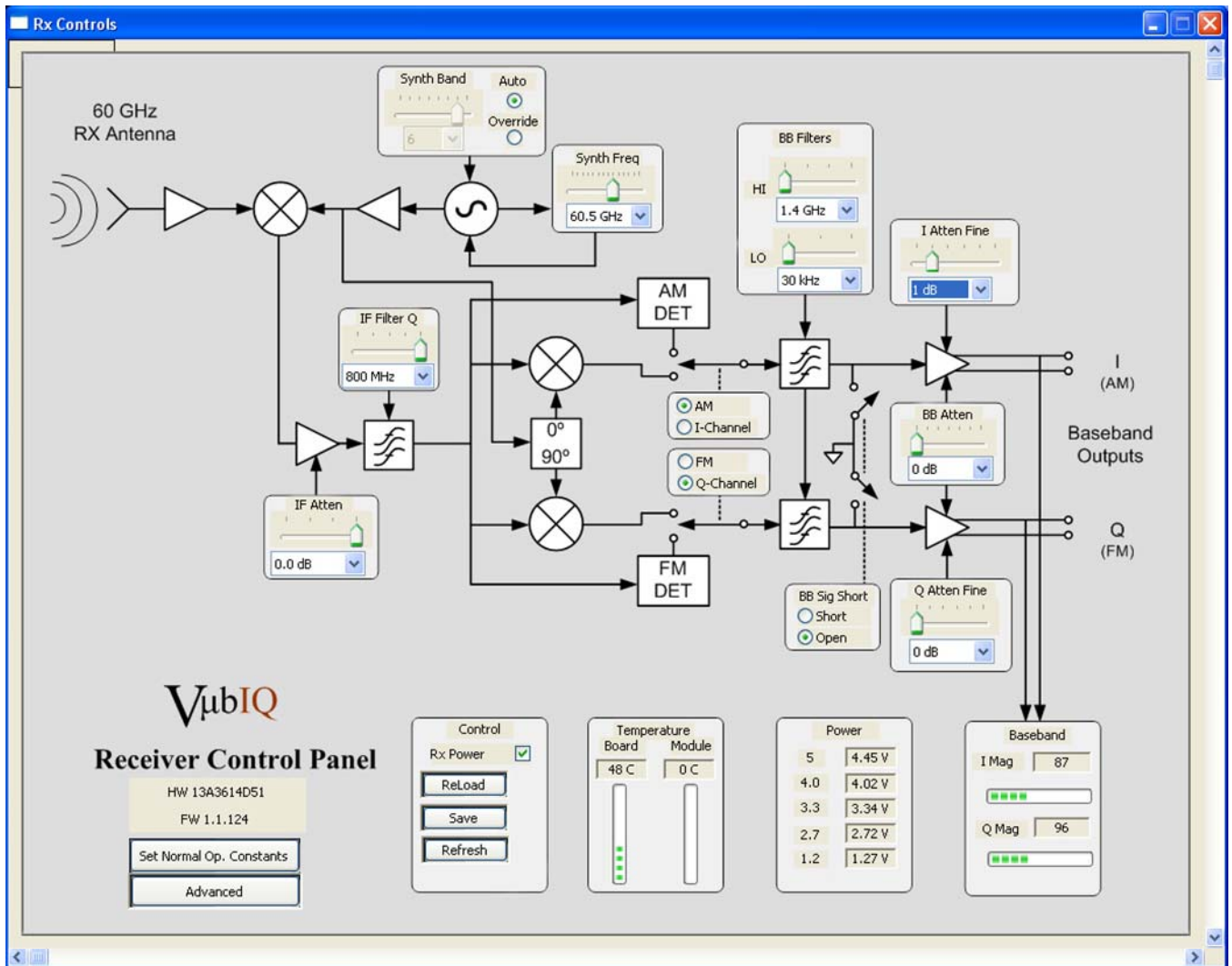
Rev 2.0

# V60WGD02



Transmitter Control Screen GUI

# V60WGD02



Receiver Control Screen GUI

# V60WGD02

Ordering Information

## V60WGD02 60 GHz Development System

- V60TBA01 Transmitter Board
- V60TXWG2 Transmitter Waveguide Module
- V60RBA01 Receiver Board
- V60RXWG2 Receiver Waveguide Module
- USB Cables (2)
- Flex Cables (2)
- Tripod (2)
- Tripod Brackets (2)
- GUI Control Software
- V60EXP02 High Speed Expansion Board Kit with 8 Phase Matched Baseband Cables

