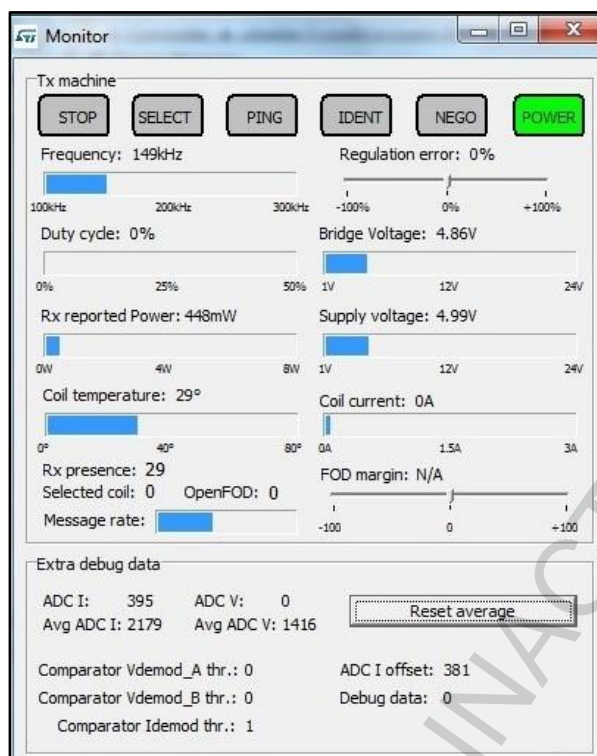# STSW-ISB027GUI

Graphical user interface for STEVAL-ISB027V1 Qi A11 wireless power transmitter evaluation board based on STBWC

Data brief

Description

The STSW-ISB027GUI graphical user interface lets you configure the main parameters of the STWBC wireless power transmitter and access run-time information like power delivered, bridge frequency and protocol status. The GUI facilitates the monitoring of all the board parameters and ADC measurements. It lets you download new firmware or change some settings. The GUI requires a STEVAL-ISB027V1 evaluation board, a PC with windows and a USB to UART jack cable.

Features

- STWBC complete monitoring
- Transmitter state and Qi receiver status information
- Rx to Tx communication protocol error display
- STWBC internal variable monitoring such as bridge voltage, Rx reported power and coil temperature
- Parameter tuning window to facilitate system tuning (threshold, frequency, regulation, etc.)
- Foreign object detection (FOD)
- Firmware download

1 Revision history

Table 1: Document revision history

Date	Version	Changes
16-Jun-2017	1	Initial release.

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