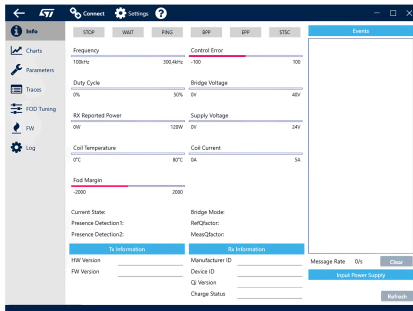


Graphical user interface for wireless power transmitter evaluation boards based on the STWBC2-HP chip



Features

- Info page to monitor key device metrics
- Parameters page with access to key configuration parameters
- Live chart of key electrical parameters such as bridge voltage, coil current, operating frequency
- Trace page to monitor device behavior
- Firmware programming

Description

The **STSW-WBC2STUDIO** facilitates the tuning and design of wireless power devices.

It provides support for the evaluation of the wireless power transmitter device **STWBC2-HP**, from parameter tuning to final NVM programming.

The GUI enables real-time monitoring of key internal parameters that are streamed over a UART interface. **STLINK-V3MINIE** can be used to connect to a PC over USB.

The GUI requires a **STEVAL-WBC2TX50** or **STEVAL-WBC2TX70** evaluation board and a PC running Microsoft® Windows® 10.

Product summary	
Graphical user interface for wireless power transmitter evaluation boards based on the STWBC2-HP chip	STSW-WBC2STUDIO
Qi-compatible wireless power transmitter evaluation board for 50 W applications based on STWBC2-HP	STEVAL-WBC2TX50
Qi-compatible wireless power transmitter evaluation board for 70 W applications based on STWBC2-HP	STEVAL-WBC2TX70
PC requirements	PC running Microsoft® Windows® 10
Applications	Wireless chargers

Revision history

Table 1. Document revision history

Date	Version	Changes
01-Mar-2024	1	Initial release.

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