SDRplay EXTIO Release Notes

Overview

This document provides an overview of the modifications, changes and enhancements made to the SDRplay EXTIO controller.
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Version 3.3 (Released 11th November 2015)

Bug Fixes

Updates

- Added support for profiles and the new Profiles panel
- Added Help panel with link to online user guide
- Added hotkey support (current hotkeys defined in the user guide)

Known Issues

- # 3.1.1 Graphic distortion in high DPI modes

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Version 3.2 (Released 28th October 2015)

Bug Fixes

Updates

- Same as version 3.1 built on the correct code base.

Known Issues

- **# 3.1.1**   Graphic distortion in high DPI modes

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Version 3.1

Bug Fixes

Updates

- Fixed bug in Load Defaults which prevented sample rate initializing properly.
- Fixed multiple instances of the advanced dialog box
- Added post tuner DC offset compensation to remove spur in the centre of filter.
- Changed frequency compensation to floating point for finer resolution.

Known Issues

- **# 3.1.1** Graphic distortion in high DPI modes

Version 3.0

Bug Fixes

- Fix for #2.1.1
- Fix for #2.1.2

Updates

- Addition of an *Advanced* dialog box for additional Settings
- Implementation of a selectable 1st LO frequency for the block converter. This will apply to frequencies below 60MHz (up-converted) and between 250MHz and 420MHz (down-converted). This allows full coverage between 100kHz and 2GHz in AUTO mode or the re-position of interferes at the expense of coverage range
- Added a down conversion routine to convert Low IF modes to Zero IF modes for compatibility in SDR interfaces. IF bandwidths below 1.536MHz supported choice of IF Frequency and sample rate are restricted.
- Added Options to control the DC offset compensation mode used by the tuner. Available modes are Static, Periodic, One-Shot and Continuous
- Improved robustness when dynamically changing between IF modes and sample rates.

Known Issues

- **# 3.0.1** – Aliasing artifacts around the filter band edges when using low IF modes

Version 2.1

Bug Fixes

- Fix for #2.0.1
- Fix for #2.0.2

Updates

- Added a load default button to set all box's back to a defined preset condition.
- Added an Exit button to close the dialog box
- All SDRplay settings now saved/ recalled from file to enable recall of existing state
- Virtual sample rates below 2.0MHz added to allow correct bandwidth scaling for lower bandwidths

Known Issues

- **# 2.1.1** – Below 30MHz the input is not begin reconfigured correctly unless a Stop/Start is issued

- **# 2.1.2** – Fast changes to the frequency by scrolling of the mouse cause glitches in audio

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Version 2.0

Bug Fixes

- None

Updates

- Baseline version

Known Issues

- **# 2.0.1** - When selecting an IF bandwidth below 1.536MHz a stop and start needs to be issued to force a bandwidth update.

- **# 2.0.2** - When in IF mode some sample rates updates cause a hardware error

For more information contact support@sdrplay.com

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