

V-LD1-RFB Release Notes

V-LD1_FWR-RFB-0108; Released: 13/12/2024

Included software

- Bootloader: V-LD1_BTL-RFB-0105
- Application: V-LD1_APP-RFB-0108
- Control Panel: V-LD1_CTP-RFB-0108

Application

Fixed

- Adjust Frequency to new FCC norm
- Prevent calibration data from being erased if the power is cut in the wrong moment
- Remove the debug message from the error handler

Control Panel

Fixed

- GNFD is now sent with only 1 byte Payload

V-LD1_FWR-RFB-0107; Released: 30/11/2023

Included software

- Bootloader: V-LD1_BTL-RFB-0104
- Application: V-LD1_APP-RFB-0107
- Control Panel: V-LD1_CTP-RFB-0107

Bootloader

Fixed

- When programming a wrong encoded binary file further updates were not possible anymore. This bug was resolved.

Application

Fixed

- When the RX line was going low for a while a framing error occurred. The V-LD1 reports this error correct. But when it after reporting goes to sleep mode while the RX line still is low it was not able to wake-up through a new UART command again and does not respond anymore. Now it checks the RX line before going to sleep and only goes to sleep when the RX line isn't low.

Control Panel

Fixed

- At playback the frame settings like "min. and max. distance" in FFT frame were disabled. This was fixed to enabled.
- After a playbaced file the settings were not loaded from device again and have been wrong. This was solved.

V-LD1_FWR-RFB-0106; Released: 27/06/2023

Included software

- Bootloader: V-LD1_BTL-RFB-0103
- Application: V-LD1_APP-RFB-0106
- Control Panel: V-LD1_CTP-RFB-0106

Bootloader

Changed

- CRC check only after new firmware update (faster start-up possible)
- Reset "stay in bootloader flag" only when new firmware is valid
- Poll communication only when stay in bootloader
- Optimize for speed for faster start-up

Application

Fixed

- GNFD data changed from 16Bit to 8Bit
- Save "stay in bootloader flag" before sending RESP message
- Prevent of erasing one page in Eeprom emulation after every start-up
- Clear UART errors and clear interrupt flags at COM initialization (prevent of RESP with framing/noise error)

Control Panel

Changed

- Version incremented

V-LD1_FWR-RFB-0105; Released: 11/05/2023

Included software

- Bootloader: V-LD1_BTL-RFB-0102
- Application: V-LD1_APP-RFB-0105
- Control Panel: V-LD1_CTP-RFB-0105

Bootloader

- Nothing changed

Application

Added

- Short range filter for leakage mitigation
- New command to enable/disable short range filter

Fixed

- Target was detected outside the valid range defined via Min./Max. distance

Changed

- Valid detection range input changed to [bin]
- Parameters are only written into flash if value has changed

Control Panel

Added

- Short range FIR filter control for leakage mitigation
- New buttons in all top window charts to reset the view settings
- Min./Max. distance settable in RFFT - Raw fft data window
- Min./Max. distance settable in PDAT - Real time plot window

Fixed

- Changed values were not sent by click on enter
- Value input was always interrupted
- Controls in upper frames were always enabled

Changed

- Valid detection range input changed to [bin]
- Some labels and texts
- Higher distance resolution in charts

V-LD1_FWR-RFB-0104; Released: 23/02/2023

Included software

- Bootloader: V-LD1_BTL-RFB-0102
- Application: V-LD1_APP-RFB-0104
- Control Panel: V-LD1_CTP-RFB-0104

Bootloader

- Initial

Application

- Initial

Control Panel

- Initial