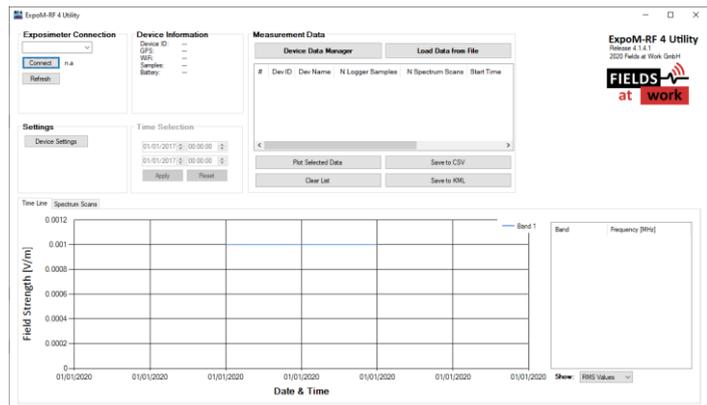


ExpoM – RF 4

Utility Release Notes

Document Release 1.2 (02.02.2021)





Contents

1 Introduction	3
2 Release Descriptions	4

1 Introduction

This Document describes the modification history of the ExpoM-RF4 Utility. It describes new added features and known and also resolved issues that has impact on the customers experience.

2 Release Descriptions

Release #	Description
1.5.1	<ul style="list-style-type: none"> - Resolved Issue: Reading data from csv file may has ended up in an error claiming that the file contains corrupt data.
1.5.0	<ul style="list-style-type: none"> - New Feature: Added "Clear Band List" button: This is added to easily clear the entire list. Saving an empty list then will result in loading the default logger settings after next restart of the device. - Note: Changing the default logger settings is not possible for the customer due to it is related to the customer specific calibration setup. - New feature: Added KML export - Resolved Issue: When a data file is loaded from the computer the after comma part in MHz presentation was still suppressed, led to presenting the frequency as e.g. 97 MHz instead of 97.5 MHz. New feature: Added KML export - Modification: Improved drawing of the charts grid when zooming in and out. - Resolved Issue: Corrected faulty presentation of frequency, whereas the "kHz" part was missing (before: 97'750 kHz was displayed as 97 MHz, now it will be displayed as 97.75 MHz). - Resolved Issue: Illogical behaviour were eliminated when switching in between TimeLine chart and Spectrum chart as well as when requesting a scan. - Resolved Issue: Switching the chart between "peak" and "RMS" has added dummy data with set marker sign. - Modification: When applying device settings a progress bar is added displaying the approximated remaining time until the device is ready again for further communication. - Resolved Issue: Communication interface in between computer and exposimeter has been improved. Issues got visible when messages were transmitted that caused the CPU of the device to be busy for a while (about > 2.73 ms). Trying to communicate with the device then ended in a communication error.

	<ul style="list-style-type: none"> - Resolved Issue (Affects releases 1.0.1 and newer): When downloading logger settings to the device the sample interval wasn't downloaded to the device when the user pressed "Apply Settings". - Resolved Issue: When saving CSV file recommended file naming appeared with incorrect values for "minutes" and "seconds". - Modification: Set max. size for buttons in "Measurement Data" group box. Background: Opening the utility in full screen mode these buttons grown exorbitantly big which wasn't reduced the clearness of the utility. - Modification: Changed time presentation from 12h to 24h. - Modification: Updated the "About Form". - Modification: Improved file name recommendation (date reflects data of measurement start instead of date of file saving). - Modification: Calculation of the min. recommended measurement interval has been improved and is now more accurate. Further it is now only a warning so that the value still can be applied. - Modification: Min. measurement interval recommendation info is now updated when GPS gets enabled/disabled as well.
1.0.0	Initial Release