

StarFire™ 7000 and StarFire™ 7000 Integrated Receiver

Software Update 22-3 Release Notes
6.50G



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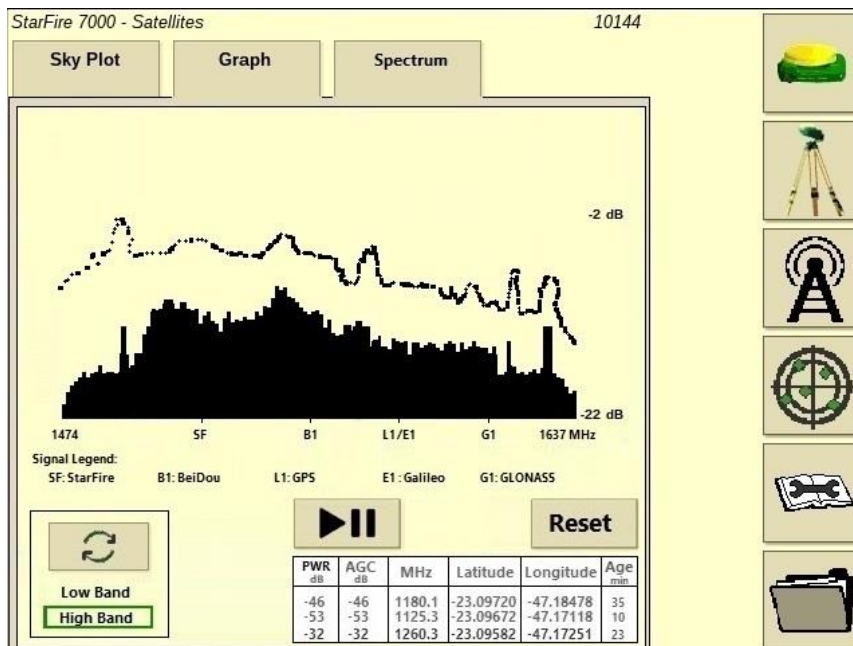
New Features

RTK Improvement Under Strong Ionosphere Activity

This is to help scintillation conditions in South America (Region 3).

Onboard Spectrum Analyzer for Interference

The Spectrum tab will be located by the Sky Plot tab. This tool will help identify which frequencies are causing interference in the case of poor or not signal, and where the possible interference was located in the field.



Improved RTK-X User Experience

StarFire 7000 now has the ability to save RTK-X offsets from multiple base stations. When returning to previously used base stations, this change will make it easier and quicker to maintain the performance and functionality of RTK, without having to re-collect RTK base station offset information.

TCM Quick-Start Improvement

This will improve TCM performance at receiver start up by retaining additional error state information through a power cycle. Customers should benefit from having info, such as heading, sooner at receiver start up so they can begin a farming operation sooner.

Remote Datalog Retrieval for StarFire 7000 Integrated

Gen4 displays provide the ability to remotely collect debug logs from Asset Manager. These StarFire receiver changes utilize this Gen4 functionality to improve the ability for dealers to provide remote field support for StarFire SF7000 receivers. This change will enable DTAC to remotely request SF7000 debug logs, instead of requiring the dealer to manually transfer the data.

Time Synchronization over CAN

This feature will enable the receiver to provide a “master time” to the entire vehicle system. This change will improve the time-based accuracy for other precision farming operations, such as implement placement, seed placement and product placement.

Dual StarFire Engine

This feature improves receiver performance if a shading event causes a “bad” rapid recovery event. These changes will reduce the chance that a customer would experience line drift.

Release Notice

These are software release notes for the StarFire™ 7000 and StarFire™ 7000 Integrated Receiver. Release Notes can be found on www.stellarsupport.com. Note: Your use of the software is governed by the End User License Agreement included with the software.