

9.1 | John Deere StarFire TCM (3000, 6000, 7000, 7500)

Applicable to:

John Deere StarFire 3000, 6000, 7000 & 7500 receivers with integrated Terrain Compensation Module (TCM).

StarFire TCM Overview

Modern John Deere StarFire GNSS Receivers contain an integrated Terrain Compensation Module (TCM) that measures pitch/roll angle position of the receiver, and calculates adjustments to GNSS position based on the angle of the receiver to provide the true ground point position, provided that receiver offsets have been entered correctly.

StarFire 3000 - Main

SN: 114366

Info

Setup

Activations

Serial Port

StarFire

Correction Mode

SF1

Default

Correction freq

1546.2725

Mount Direction

Forward

Fore/Aft (cm)

240

Height (cm)

410

Enable Optimize Shading

Hours On After Shutdown

3

3D TCM

On

Off

CAL

Last Calibration: Machine

F

G

H

I

Calibrate

Home

Up

Configuration Overview

1. Enable the 3D TCM setting in the StarFire receiver.
2. Enter correct receiver offsets (fore/aft and height).
3. Perform TCM calibration as per John Deere guidelines.
4. Verify TCM status is active.

For more guidance on best practices and setting up the StarFire TCM, please refer to John Deere's Starfire Operator Manual.