



Player Analysis Technology Approval certificate

Firstbeat Sports

Test code: PAT-19-024

Serial no: n/a

Software versions:

Firstbeat Sports cloud (server): 20.7.2020

Firstbeat Sports Live app for coaches: v1.20.7 (16.6.2020)

Firmware version:

V2.0 (13.5.2020)

Issue date: 27 August 2020

Objective: To test and evaluate Firstbeat Sports Player Analysis Technology according to Rule 31 of the 2020 Rules of Tennis.

Result: Approved



SUMMARY

The Firstbeat Sports Sensor device (mass 10 g) is connected to a textile belt worn by the player around their chest. The device contains electrocardiogram and motion sensors to record the heart rate and movement of the player.

Real-time wireless data transfer is possible when the device is connected and in Bluetooth range of an auxiliary device using the Live app or Sports App. The device can also store data for post-match transfer to an auxiliary device.

Coaching information available on the auxiliary device includes heart rate metrics and movement loads.

Restrictions on the access by a player to Firstbeat Sports Sensor components during periods when coaching is not and is allowed are as follows:

COMPONENT	NO COACHING	COACHING
Firstbeat Sports Sensor	Permitted	Permitted
Auxiliary device (e.g. smartphone)	Not permitted	Permitted