



Player Analysis Technology Approval certificate

BigBow Champion Sensor

Test code: PAT-14-007

Serial no: n/a

Software versions:

BigBowMobile (Windows 8.1) 1.0.0.0

BigBow Reader (Windows 8.1) 1.0.0.0



Firmware version: 7.0.1

Issue date: 4 January 2016

Objective: To test and evaluate the BigBow Champion Sensor Player Analysis Technology according to Rule 31 of the 2014 Rules of Tennis.

Result: Approved

SUMMARY

The BigBow Champion Sensor 'pod' (mass 4.5 g) containing electronic sensors is typically attached to the butt of the racket to record the orientation, acceleration and vibration of the racket. Data collected by the pod are sent to an auxiliary device either via a wireless (Bluetooth®) connection, e.g. to a smartphone, or via a wired (USB) connection, e.g. to a laptop.

The pod can be wirelessly paired with multiple auxiliary devices, though not simultaneously, with no authorisation required. Real-time data can only be transmitted from the pod to a single auxiliary device.

Coaching information including shot type, ball spin direction and racket swing speed is available on the auxiliary device.

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

COMPONENT	NO COACHING	COACHING
Pod	Permitted	Permitted
Auxiliary device (e.g. smartphone)	Not permitted	Permitted