



# Player Analysis Technology Approval certificate

## SONY Smart Tennis Sensor

**Test code:** PAT-14-008

**Serial no:** 2001590

**Software versions:**

Android 1.00.0.a.E;  
iOS1.00.2

**Firmware version:** 000.001.000

**Issue date:** 30 July 2014



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

**Result:** Approved

### SUMMARY

The SONY Smart Tennis Sensor 'pod' (mass 8 g) containing electronic sensors is 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, e.g. smartphone, via a wireless (Bluetooth®) connection.

The pod can be 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 and data stored on the pod can only be downloaded once.

Coaching information including ball impact location on the stringbed, racket swing speed, ball speed and spin is available on the auxiliary device.

Restrictions on the access by a player to the SONY Smart Tennis 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