

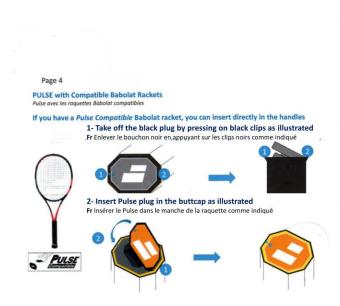
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GENERAL INFORMATION

FCCID: 2AAESPULSE2018

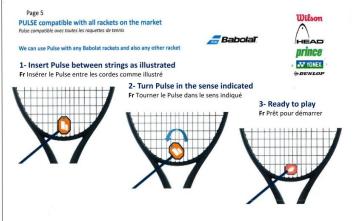
1.1. Product description





Page 3 PULSE for the first time! Fr Démarrer avec Pulse 1- Connect and charge the device If you don't have a Babolat account 2- Enter your informations 3- Do you have a Babolat Device? Answer YES 3- Add a connected device 4- Select Babolat Pulse 5- Follow bluetooth indications and select your devic 6- If necessary, update it

7- Fix your device on handle (page4) or stringbed (page5)





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Page 6

Status light

Understanding Babolat Pulse's Status Lights

| Mode/State | Action | Light status | |
|----------------------|---|---|--|
| OFF | Defaut mode | No light | |
| Standby | The device detects a racket's motion and waiting a action | Light flashes slowly and fixes for 3 sec | |
| Run Mode | Automatically start at the first shot | Light flahes slowly every 2 sec | |
| Return to Standby | The device return to standby automatically if no motion is detected for 5 min | Light flashes slowly and fixes for 3 sec | |
| Return to Off | After standby, the device switches off automocally if no motion is detected for 2 min | No light | |
| Firmware upgrade | Displayed when plug upgrading | Light flashes very rapidly every 0,3 second, during 2 seconds | |

| Alert | Action | Light status |
|-------------------|--|--|
| Low battery | Displayed automocally when racket has 5% battery life remaining | After a motion detection, light flashes 2 times rapidly for 10 sec |
| Charging | Plug into charger and connect to power source | Light flashes slowly every 3 sec |
| Charging complete | Charge to completion | Light is fixed |
| Memory full | Displayed automocally when racket memory is full at 95% (synchronization is needed | To be defined |

Page 8



Fr Expérience Pulse

FEED - A news feed about your friends and favorite pro players

EXPLORE - All the information you need

COMMUNITY - How you are doing compared to your friends and the community



PROFILE - A summary of all your tennis stats

Page 7 Specifications

SENSORS Capteur | Sensori | Sensoren | センサー | 센서 | 传感器

CONNECTIVITY

Bluetooth Smart 4.0 (BLE) Micro USB Cable

Connectivité|Connectividad|Connettività|Anbindung|接続|연결|连接性

6 axies sensor 3D accelerometer 3D High-speed Gyroscope

Length Width 28mm 25mm Height 18mm Weight Less than 0,28oz/8

MEMORY

Mémoire | Memoria | Speicher | メモリー | 메모리 | 内存

Up to 250 hours of play

BATTERY

Batteria | Akku | パッテリー | 배터리 | 电池

Built-in rechargeable Lithium Ion Battery

2-3 hours full charge cycle Lasts up to 8 hours

Page 9

ACTIVITY - Access your matches, trainings or open sessions

Start Live mode

Fr Démarrer avec Pulse

Find your tennis sessions easily

FR Repérez facilement vos sessions de tennis







Sync a session -

Fr Synchroner une session

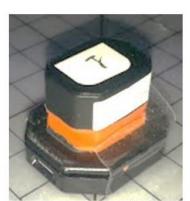


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1.2. Tested System Details

Equipment under test (EUT):

BABOLAT Pulse



Photography of EUT

00000000

Serial Number: 00000003

Power supply:

| Туре | Reference | Sn | Rating |
|---------------------|------------|----------|---------------------|
| AC/DC adapter (USB) | ETA-U90EWE | RT1D918R | 100-240 =>5.3V (2A) |

Inputs/outputs - Cable:

| Access | Туре | Length used (m) | Declared <3m | Shielded | Under test | Comments |
|----------|------------------------|--------------------|--------------|----------|------------|--------------------------|
| Access 1 | USB port (Charge only) | 0.5 | Ø | Ø | | Only in charging mode |

Auxiliary equipment used during test:

| Type | Reference | Sn | Comments |
|--------|-------------|----|----------|
| Laptop | LENOVO L450 | 1 | -1 |



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Equipment information:

| Bluetooth LE Type: | ☑ BLE □ v4.0 | | | ☑ v4.1 | | □ v4.2 |
|------------------------------|--|--------------|------------|------------------------|-------------|--------------------|
| Frequency band: | [2400 – 2483.5] MHz | | | | | |
| Spectrum Modulation: | | | ☑ DSSS (To | ested like it) | | |
| Number of Channel: | | | 4 | 0 | | |
| Spacing channel: | | | 2M | Hz | | |
| Channel bandwidth: | | | 1M | | | |
| Antenna Type: | ✓ Integral | | □ Ext | ternal | | □ Dedicated |
| Antenna connector: | ☐ Yes | | | No | | Temporary for test |
| | | | 1 | | | |
| Transmit chains: | | | Single a | | | |
| | | | Gain: 2 | 2.5dBi | | |
| Beam forming gain: | | | N | 0 | | |
| Receiver chains | 1 | | | | | |
| Type of equipment: | | е | □ Pl | | | □ Combined |
| Ad-Hoc mode: | | Yes | | ☑ No | | |
| Adaptivity mode: | ☐ Yes (Load Based) ☐ Off mod | | | | | |
| Adaptivity mode. | Clear Channel Assessment Time: | | | | | |
| Duty cycle: | ☑ Continuous duty ☐ Intermit | | | | □ 100% duty | |
| Equipment type: | | tion m | odel | ☐ Pre-production model | | |
| | Tmin: | □ -20°C □ 0° | | : | ☑ -10°C | |
| Operating temperature range: | Tnom: 20°C | | | | | |
| | Tmax: | | □ 35°C | ☐ 55°C | | |
| Type of power source: | ☐ AC power supply ☐ DC pov | | er supply | | ☑ Battery | |
| Operating voltage range: | Vnom: □ 230\ | | //50Hz | | | |
| | ☐ Yes (The geographical location | | | | | |
| | determined by the equipment is not | | | | | |
| Geo-location capability: | accessible to the end user as defined in | | ☑ No | | | |
| | section 4.3.2.12.2 of ETSI EN 300 328 | | | | | |
| | V2.1.1 standard) | | | | | |

| | CHANNEL PLAN | | | | | |
|---------|---|----------|------|--|--|--|
| Channel | Channel Frequency (MHz) Channel Frequency (MHz) | | | | | |
| Cmin: 0 | 2402 | 20 | 2442 | | | |
| 1 | 2404 | 21 | 2444 | | | |
| 2 | 2406 | 22 | 2446 | | | |
| 3 | 2408 | 23 | 2448 | | | |
| 4 | 2410 | 24 | 2450 | | | |
| 5 | 2412 | 25 | 2452 | | | |
| 6 | 2414 | 26 | 2454 | | | |
| 7 | 2416 | 27 | 2456 | | | |
| 8 | 2418 | 28 | 2458 | | | |
| 9 | 2420 | 29 | 2460 | | | |
| 10 | 2422 | 30 | 2462 | | | |
| 11 | 2424 | 31 | 2464 | | | |
| 12 | 2426 | 32 | 2466 | | | |
| 13 | 2428 | 33 | 2468 | | | |
| 14 | 2430 | 34 | 2470 | | | |
| 15 | 2432 | 35 | 2472 | | | |
| 16 | 2434 | 36 | 2474 | | | |
| 17 | 2436 | 37 | 2476 | | | |
| 18 | 2438 | 38 | 2478 | | | |
| Cmid:19 | 2440 | Cmax: 39 | 2480 | | | |

| DATA RATE | | | | | | |
|--|------|---|--|--|--|--|
| Data Rate (Mbps) Modulation Type Worst Case Modulation | | | | | | |
| 1 | GFSK | ☑ | | | | |



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1.3. Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4 or ANSI C63.10, FCC Part 15 Subpart C.

Radiated testing was performed at an antenna to EUT distance of 10 meters. During testing, all equipment's and cables were moved relative to each other in order to identify the worst case set-up.

1.4. Test facility

Tests have been performed from August 22, 2017 to September 8, 2017.

This test facility has been fully described in a report and accepted by FCC as compliant with the radiated and AC line conducted test site criteria in ANSI C63.4 and ANSI C63.10 (registration number 94821).

This test facility has also been accredited by COFRAC (French accreditation authority for European Union test lab accreditation organization) according to NF EN ISO/IEC 17025, accreditation number 1-1633 as compliant with test site criteria and competence in 47 CFR Part 15/ANSI C63.4 and EN55022/CISPR22 norms for 89/336/EEC European EMC Directive application. All pertinent data for this test facility remains unchanged.