

Frontline Test Services™

for Audio Applications



Training

knowledge and capabilities

- Technology training for managers
- In-depth training for engineers
- Use of test tools to an advanced level



Validation Testing

conformance with the specification

- Bluetooth Protocols - PTS
- RF testing Bluetooth Classic and LE- TLF3000
- HCI BLE testing - Harmony



App Testing

confidence across platforms

- Performance, functionality, UI and UX
- Intermittent or transitory issues and unexpected behaviors
- Security vulnerabilities and resilience to cyber-attacks



Product Launch

market readiness

- In-depth assessment to ensure interoperability
- Balanced approach to confidence versus time and cost
- Validation and correction of field issues



Teledyne LeCroy offers test and consultancy services to help in all stages of product development from Specification to Market Launch and beyond. Live results are available via a web interface. Teledyne LeCroy develops protocol analyzers and other test tools that are used by many manufacturers; this gives us a unique insight and experience into connectivity technologies such as Bluetooth® and Wi-Fi.

Test Strategy

cost and time effectiveness

- Holistic approach to testing of device features, UX, UI
- Confidence for a given market
- Improved customer satisfaction



Benchmarking

performance and usability

- Test Development Kits and candidate builds
- Audio Expert System (AES) for enhanced fault identification
- Competitive in customer surveys



Pre-production

confidence before launch

- Root-cause analysis (RCA) determines faults
- File type, bit rate, codec and packet loss
- Resource concentrated on real issues



Post-production

issues and feature additions

- Ensured interoperability against new or updated devices
- Increased market coverage
- Updates and new features do not compromise your product

