



Bluetooth™ Solutions and Custom System Integration Provided by Hyper Corp, an Agilent Channel Partner

Hyper Corp, a leader in *Bluetooth* wireless technology, provides validated test systems, interoperability tools and conformance test services for manufacturers implementing *Bluetooth* wireless technology. Hyper Corp test solutions are designed to improve productivity times and enable product, module and component manufacturers a fast track into the market. Hyper Corp provides *Bluetooth* test solutions for RF conformance, as well as profile interoperability. The company's test solutions provide Bluetooth application developers, core stack developers, radio manufacturers, contract manufacturers and end product manufacturers the ability to efficiently perform qualification testing.

Hyper Corp is a designated *Bluetooth* Qualification Test Facility (BQTF) for RF Conformance, as well as an accredited laboratory to ISO/IEC 17025 for Bluetooth Protocol Testing from the American Association for Laboratory Accreditation (A2LA). An active Associate Member of the SIG, Hyper Corp has the distinction of being the first company to certify a *Bluetooth* qualified product, the first *Bluetooth* Qualification Body (BQB) appointment in North America, and the first BQTF worldwide.

Hyper and Agilent

Because of the depth of Hyper's *Bluetooth* expertise and its leadership in the *Bluetooth* SIG, Agilent selected Hyper as one of a select few channel partners to officially integrate and deliver Agilent *Bluetooth* equipment in systems. The Agilent/Hyper partnership combines Agilent's advanced measurement science with Hyper's application and system engineering expertise. Agilent content in the Hyper RF development and conformance test system includes 89640A RF vector signal analyzer, E4440A PSA spectrum analyzer, E1852A *Bluetooth* test set, 83732B signal generator, E4437B ESG-DP RF signal generator, 34970A data acquisition/switch unit, 54622D signal oscilloscope, 66321B mobile communications DC source, plus Agilent power meter probes, capacitors, power meters, racks and fixtures.

For companies that already have some or all of the Agilent hardware, Hyper offers a trade-in program in which it takes back the Agilent equipment and provides an entirely new system with new Agilent instruments. Hyper develops its Bluetooth test systems in a modular manner, integrating the highest quality Agilent instruments so that the systems are scalable to 3G and other RF technologies. This enables developers and manufacturers to purchase "just enough" functionality at each step in the process of developing, qualifying and manufacturing a *Bluetooth* chip, component or product.



Agilent Technologies

Capabilities

State-of-the-art test solutions – Hyper Corp continues to accelerate the growth of wireless technology test system development and validation with the introduction of new solutions for RF development and conformance test and profile interoperability.

Bluetooth Qualification Test Facility/Bluetooth Qualification Body – As a designated BQTF for RF Conformance Testing and an accredited laboratory to ISO/IEC 17025 for *Bluetooth* Protocol Testing from the American Association for Laboratory Accreditation (A2LA), Hyper Corp is authorized to provide comprehensive testing and listing services for all *Bluetooth* components and end products. In addition, Hyper Corp validates test tools developed by test and measurement manufacturers for measurement of the core specification — including RF, Baseband and Link Manager — and provides and supports a profile interoperability test platform for the *Bluetooth* SIG.

Example Systems

Designed to reduce test times and minimize interoperability risks to end-users, Hyper Corp's suite of test tools are fully scalable and easy to use. The company provides full software training, support and software maintenance for all systems.

- **BlueVision™ RF Development and Conformance Test System** Model RDC2401A, based on Agilent *Bluetooth* test and measurement equipment, provides manufacturers with a qualification testing system to the *Bluetooth* RF “final” conformance test specification. The BlueVision RF Conformance test system also is used for RF conformance testing at Hyper Corp's *Bluetooth* Qualification Test Facility (BQTF) in Pleasanton, CA. The test systems are slated for integration at locations in Japan and Taiwan.
- **BlueVision™ Profile Interoperability Tester.** In addition to the BlueVision RF test system, Hyper provides *Bluetooth* profile interoperability testing that enables developers to minimize interoperability risks to end-users and reduce test times from weeks to a few days. This system, which is under review with the *Bluetooth* Qualification Review Board for Designated Profile Interoperability Test Unit (DPITS) status, will give developers and manufacturers an approved reference platform that complies with the *Bluetooth* System Specifications; Hyper Corp will provide support and a formal resolution process to address interoperability issues.

About Hyper Corp

Hyper Corp, headquartered in Pleasanton, Calif., USA, has a team of engineers who are fully immersed in the *Bluetooth* Qualification Program. Hyper engineers are participating members of Bluetooth Test and Interoperability (BTI) Working Group, the *Bluetooth* Technical Advisory Board (BTAB), and IEEE 802.15 WPAN. Hyper Corp is contracted by the *Bluetooth* SIG to provide training for candidate technical assessor groups on behalf of the European cooperation for Accreditation (EA) and A2LA.

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(fax) (81) 426 56 7840

Korea:
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(fax) (82-2) 2004-5115

Latin America:
(tel) (305) 269 7500
(fax) (305) 269 7599

Taiwan:
(tel) 080-004-7866
(fax) (886-2) 2545-6723

Other Asia Pacific Countries:
(tel) (65) 375-8100
(fax) (65) 836-0252
Email: tm_asia@agilent.com

Product specifications and descriptions in this document subject to change without notice.

