



7 layers

The experienced leader for Bluetooth qualification

Amsterdam, June 2002.

7 layers is the leading engineering, test and qualification company for the Bluetooth™ industry with long term experience in fields such as Bluetooth, GSM, GPRS etc. 7 layers offers all the services clients need, from Bluetooth product development support to global market access.

There are four BQB's at 7 layers who handle the entire qualification process, two in our German facility and one each in the 7 layers US and UK subsidiaries. The 7 layers facility in Germany is an officially accredited BQTF (Bluetooth™ Qualification Test Facility), using the TS8960 and the PTW60 from Rohde & Schwarz which are officially accepted for Bluetooth testing. Additionally 7 layers offers all Bluetooth Regulatory Testing necessary combined with world-wide type approval handling services for global market access.

Since interoperability is a major challenge for the Bluetooth wireless technology, 7 layers offers well equipped Interoperability labs covering the most important Bluetooth products so far.

7 layers has the largest market share of successfully handled qualification projects and most of the reference designs for Bluetooth chip-sets or modules have been qualified here. This makes 7 layers not only an ideal partner for manufacturers of chip-sets, software or modules but also for manufacturers of end-user products who use Bluetooth modules qualified at 7 layers.

Via the InterLab® system for professional telecommunications testing, which 7 layers introduced to the communications market early 2002, 7 layers distributes detailed information about the reference design and its test procedures to a connected InterLab® laboratory of the end-product manufacturer's choice. This way the qualification process becomes easier, faster and more economical. A great advantage which manufacturers of Bluetooth modules can now offer to their clients. Many leading manufacturers like Alcatel, Broadcom, Ceevo, Conexant,



CSR, Digianswer, Ericsson Microelectronics, IBM, Infineon, National Semiconductors, Philips Semiconductors, Silicon Wave, Texas Instruments etc. have already realized this and qualified their Bluetooth modules at 7 layers. In order to keep the InterLab® system continuously up-to-date, 7 layers is an active associate member in the Bluetooth Technical Advisory Board (BTAB) and of the Bluetooth Test & Interoperability Group (BTI), thus providing our clients with a combination of long term Bluetooth experience and securing leading-edge know how.

About 7 layers

7 layers is an engineering company for the wireless communications industry specialized in fields such as Bluetooth™, GSM, GPRS, and 3G. The company supports manufacturers of chip sets and final products as well as test houses by offering them a wide service spectrum ranging from product development to test services and certification or qualification. 7 layers participated in the creation of the Bluetooth™ qualification program and has developed various Bluetooth™ specifications. 7 layers has test and service centers in Ratingen (Germany), Irvine (USA), Beijing (China) and Cambridge (UK).

For more information, see www.7Layers.com

Notes to the Editors

1. BLUETOOTH is a trademark owned by Bluetooth SIG, Inc., USA, and licensed to Rohde & Schwarz.
2. InterLab® is a registered trademark of 7 layers AG.

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