

Wi-Fi Alliance Form 442 Exhibit Description

The Wi-Fi Alliance is a trade association that works with member companies to develop the next generation of Wi-Fi technologies.

As part of the development process, member companies come to our facility in Santa Clara California to test their prototype Wi-Fi implementations with other members to validate the functionality of their devices as well as the testing process of the protocols. These tests are usually done in test chambers in our facility to assure interference does not interfere with the testing, but some preliminary tests are done in open air. The member actual devices usually either reference designs (single boards) or laptop computers with Wi-Fi USB dongles.

These tests take place in one-week sessions over the course of several months. The tests are automated via a proprietary testing language managed by the Wi-Fi Alliance. Each test series validates both the individual member's device and the maturity of the automated test scripts. At the end of the testing series this automated test script will be used as the Wi-Fi Alliance certification testing. The test scripts will be available for members to use in their own testing at their facility or at Wi-Fi Alliance Authorized Test Labs (ATL). If a member fully passes all the requisite tests at an ATL, their product is official Wi-Fi Alliance CERTIFIED. That member can include the Wi-Fi Alliance certified logo on the packaging of their product, their external marketing and can be listed on the WFA website.

The next series of tests will confirm Wi-Fi behavior in the 6 GHz band (5.92 GHz to 7.125 GHz.) Virtually Wi-Fi semiconductor manufactures participate in this testing, (Intel, Qualcomm, Broadcom, NXP, and others). The test events are hosted by staff of the Wi-Fi Alliance who complete and maintain the automated test scripts.

If there are additional questions feel free to contact Cam Witt, cwitt@wi-fi.org. 512-498-9428.