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Qualification Program Reference Document (PRD)

Abstract: This document defines the requirements for the Bluetooth Qualification Program.



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Revision	Date	Description
1.0	7 February 2002	The initial Qualification Program
2.0		Revised Qualification Program
2.1	4 March 2008	Updates to Revised Qualification Program: <ul style="list-style-type: none">○ clarifications in sect. 2 Scope○ RIN for both Components and Profile Subsystems○ added subsection on EPL listings under 3.6 Marking
2.3r01	April 2014	Updated PRD to match DPD 1.0
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1 Introduction

This document describes the *Bluetooth®* Qualification Program. Section 2 describes the Scope of the Bluetooth Qualification Program. Section 3 describes the specific requirements Members must satisfy to qualify a design of Bluetooth wireless technology. Section 4 describes the general requirements for the implementation, execution and administration of the Bluetooth Qualification Program.

To ensure the success of the program, the Bluetooth SIG reserves the right to change, modify and/or amend program policies through revisions of this PRD, as deemed necessary. Revisions of a PRD are either releases of the complete PRD document or Addenda to a currently valid PRD, both following the same adoption process.

2 Scope of the Bluetooth Qualification Program

The Bluetooth Qualification Process refers to the qualification of a specific design of Bluetooth wireless technology by an individual Member. The design applies and is limited to those specific portions of a product implementing and being compliant with a Bluetooth Specification, as declared in the Implementation Conformance Statement (“ICS”). A qualified design of Bluetooth wireless technology shall meet all Bluetooth Qualification Requirements on an implementation (i.e. a product) of that design.

Bluetooth Qualification shall refer to a specific version of the Bluetooth Specification and to all Bluetooth Qualification Requirements pertaining to such version. The Bluetooth Qualification Process includes all of the following components of the Bluetooth Qualification requirements defined in section 3.

Products implementing a qualified design are qualified in perpetuity without the need to re-evaluate to the current Bluetooth Qualification Requirements. Any implementation of a qualified design that disables one or more, profiles, protocols, roles, or optional features is deemed qualified provided the Subset implementation:

- remains compliant with the Bluetooth Specification, and
- still meets the definition of the same product type.

It is the Member's responsibility to ensure that all implementations for which qualified status is claimed meet the Bluetooth Qualification Requirements (or applicable subset thereof) as of the date of the initial qualified design.

2.1 Product Types

Bluetooth Qualification is limited to designs for the following product types:

- Bluetooth End Product
- Bluetooth Controller Subsystem Product
- Bluetooth Host Subsystem Product
- Bluetooth Profile Subsystem Product
- Bluetooth Component Product
- Bluetooth Test Equipment
- Bluetooth Development Tool

Bluetooth Component Products can be qualified as tested or non-tested as further described in 0.

2.2 Design Changes

All changes to a qualified design shall be assessed and documented in the Compliance Folder. Design changes shall be derived work from the original design and shall not be a new implementation of the same functionality. The scope of change as specified below determines the scope of the assessment.



Design changes to a qualified design that do not alter the original qualified design's ICS do not require a new Qualified Design ID ("QDID"). Such changes shall be reassessed to the latest Bluetooth Qualification Requirements.

- Any ICS change shall be treated like a new design (i.e. requiring among other things a new QDID after assessment of the entire design to the latest Bluetooth Qualification Requirements).

Test evidence for Bluetooth Qualification Requirements from a previously qualified design may be re-used provided the Bluetooth Qualification Requirements are unchanged and provided the evidence is not affected by the change. Test evidence that may be affected by the change shall be re-evaluated and if required the tests shall be repeated. Good engineering practice shall be applied in judging the effects of changes in Bluetooth Qualification Requirements and test evidence.

3 Bluetooth Qualification Requirements

Bluetooth Qualification Requirements comprises of the following:

- Testing*
- Documentation*
- Document Filing*
- Assessment*
- Supplier Declaration of Conformity (SDoC)*
- Compliance to Auditing and Enforcement*

All requirements contained in all parts of this section 3 shall be satisfied to fulfill the Bluetooth Qualification Requirements. Failure to comply with the Bluetooth Qualification Requirements shall result in enforcement actions as specified in the Qualification Surveillance, Auditing and Enforcement Process (QEP) [1] document.

Bluetooth Qualification Requirements apply to all types of Bluetooth products listed under section 2.1 and to design changes as described under section 2.2. However the following exceptions apply:

Table 1: Exceptions to Bluetooth Qualification Requirements

	Testing	Documentation	Assessment	SDoC
Components (non tested)	Not required	"Testing Documentation" section not required.	Required	Required
Test Equipment Development Tools	Not required	"Testing Documentation" section not required.	Required	Required

3.1 Testing

Products shall satisfy all applicable Bluetooth Testing Requirements. The list of applicable Bluetooth Testing Requirements is called the test plan.

It is required to obtain a "pass" verdict for all test cases in the test plan for the product under test. Bluetooth Test Requirements may be satisfied by previously established test results where applicable.

Products have to be tested as part of a system under test that allows execution of the Bluetooth Test Cases in the test plan as specified in the applicable Bluetooth Test Specifications.



3.1.1 Applicable Test Cases

All applicable Bluetooth Test Cases shall be listed in a test plan. The test plan is determined based on the product's ICS and the Bluetooth Test Specifications. The information contained in the ICS is the input for the test plan generator provided by Bluetooth SIG.

Members shall use the Bluetooth SIG test plan generator to create the test plan.

3.1.2 Test Case Categories

To satisfy the Bluetooth Testing Requirements for the categories below, the testing shall be performed on test equipment identified under equipment requirements and test evidence shall satisfy the evidence requirements.

Test Case Category	Equipment Requirements	Evidence Requirements
Category A	Validated and commercially available test equipment approved by the Bluetooth SIG as specified in the TCRL	Cat A tests in the areas RF, BB, LM and HCI, shall be performed and documented in a test report issued by a BQTF or BRTF. Cat A tests in all other areas can be performed by the Member
Category B	Member defined test setup that meets test requirements defined in test specifications	Test setup, execution and results
Category C	Member defined test setup that meets test requirements defined in test specifications	Declaration of tests performed and test results, no other evidence required
Category D	Optional tests – Member defined	No evidence requirements

All evidence requirements shall be maintained in the Compliance Folder.

3.1.3 Test Case Reference List

The current Test Case Reference List (TCRL) is the list of all available Bluetooth Test Cases and shall be the basis for generation of the test plan.

The Bluetooth Qualification Review Board (BQRB) defines the information contained in the TCRL.

The TCRL shall be updated and approved from time to time by the BQRB following the rules in section 4.3.

3.1.4 Testing Evidence

To meet the evidence requirements where required by section 3.1.2, enough information about the test setup, test procedures, and test results shall be maintained to be able to reproduce the test and test results at a later time.

3.1.4.1 Automatically Executed Tests

For automatically executed tests, an archive of the software and hardware setup procedures can be used to satisfy the test equipment setup procedures and test execution procedures.

The automated test result output shall be documented in a test report meeting the requirements of section 3.2.2.4. Test logs shall be stored in electronic or paper form and their location referenced in the Compliance Folder.



3.1.4.2 Manually Executed Tests

For manually executed tests, the actual written test procedures shall be maintained in the Compliance Folder. Test results for manual tests shall consist of a test report meeting the requirements of section 3.2.2.4 by the tester or engineer of the outcome of the tests. Test logs shall be stored in electronic or paper form, and their location referenced in the Compliance Folder.

3.1.4.3 Reuse of Testing Evidence

Test evidence or portions of the test evidence meeting the Bluetooth Qualification Requirements from a previously Qualified Design may be reused if all the following conditions are met:

1. the *Bluetooth* Qualification Requirements are unchanged for the portions of the test evidence being reused,
2. any changes to the Qualified Design do not impact the portions of the test evidence being reused.

Otherwise tests need to be re-executed to collect new test evidence.

3.1.5 Bluetooth Component Products

A tested Bluetooth Component Product shall satisfy all applicable testing requirements resulting from all features declared in the ICS.

Non-tested Bluetooth Component Products are exempt from demonstrating applicable testing requirements.

The use of Bluetooth Component Products (tested or non tested) is limited as specified in the Compliance Requirements section of the Bluetooth Specifications.

3.1.6 Bluetooth Subsystem Products

Bluetooth Host Subsystem Products shall be tested as a system under test in combination with a Bluetooth Controller Subsystem Product.

Bluetooth Profile Subsystem Product shall be tested as a system under test in combination with a Bluetooth Controller Subsystem Product and a Bluetooth Host Subsystem Product or a Bluetooth End Product.

3.1.7 Combinations of Bluetooth Products

Bluetooth Products may be combined to make new Bluetooth Products, but such combination shall meet at least one of the definitions of the different Bluetooth Product types in 2.1.

Depending on the type of Bluetooth Products in the combination, a new qualification with Bluetooth Testing Requirements may be required.

Combinations involving only qualified Bluetooth Subsystem Products and/or qualified Bluetooth End Products are considered qualified, provided no Design Changes were made during the combination.

All other combinations of Bluetooth Products shall be qualified as a Bluetooth Product type applicable for the combination.

3.1.7.1 Testing Requirements for Qualification of Combinations of Bluetooth Products

If the Bluetooth Product type resulting from a combination requires the Bluetooth Testing Requirements to be met as part of the Bluetooth Qualification Requirements, one or more of the following testing requirements shall apply:

- Combinations involving non-tested or non-qualified Bluetooth Products shall demonstrate that the combination meets all untested Bluetooth Testing Requirements applicable to the combination.



- Combinations involving Bluetooth Component Products shall repeat all Bluetooth profile interoperability tests applicable to the combination.
- Combinations involving a tested Bluetooth Component Product shall repeat all Bluetooth compliance tests for all features as declared by the tested component's ICS (but limited to those actually used in the combination), except if the Assessment Date of the tested Component is less than 3 years and the combination is to be qualified as a Bluetooth End Product or Bluetooth Subsystem Product.

3.1.8 Test Case Waivers

Test Case Waivers shall only be granted for errors detected in the Bluetooth Test Specifications, Bluetooth test vectors or Bluetooth Test Equipment. The Test Case Waiver may provide relief in the test procedure or test results. The Test Case Waiver shall apply to all Members where the error is applicable to their test execution or test results.

Test case waivers remain valid until revoked by a new TCRL that introduces applicable Bluetooth Test Case changes to replace the waiver.

3.1.9 Test Case Errata

Approved test case errata become effective only when incorporated in the applicable TCRL.

3.2 Documentation

The Compliance Folder shall contain the following information.

3.2.1 Product Information

3.2.1.1 Product Description

The Compliance Folder shall include the identifying information of the product containing Bluetooth wireless technology, including the relevant items from the following:

- Descriptive name
- Exact model number
- Hardware version number
- Software version number

In addition, the Compliance Folder shall include those parts of the product documentation that are relevant for the description of the Bluetooth wireless technology contained, consisting of at a minimum:

- Preliminary user manual or user guide
- Functional block diagram and technical description

3.2.1.2 Reference Integration Notes

The Compliance Folder shall include a Reference Integration Note for Bluetooth Components and Profile Subsystems.

3.2.1.3 Additional Information

The Compliance Folder shall include all information that may be deemed relevant to the qualification of the design by the Member, including design change declarations 2.2.



3.2.2 Testing Information

3.2.2.1 Implementation Extra Information for Testing (IXIT)

The Compliance Folder shall include any IXIT statements and the specification of the testing environment required to run the appropriate test suites. Enough information shall be included to repeat the testing at a later date.

3.2.2.2 Test Plan

The Compliance Folder shall include the product test plan generated by the test plan generator.

For products incorporating tested Bluetooth Component Products, the test plan shall indicate which test requirements are met by reference to the QDID of the component.

3.2.2.3 Test Declaration

The Compliance Folder shall include a test declaration that lists for each Bluetooth Test Case in the test plan the test verdict and date when the test was conducted.

For products incorporating tested Bluetooth Component Products, the test declaration shall indicate which Bluetooth Test Requirements are met by reference to the QDID of the Component.

3.2.2.4 Test Reports

The Compliance Folder shall include test reports for all category “A” and “B” test cases.

For products incorporating tested Components, the test reports can be included by reference to the QDID of the Component.

A test report shall contain at a minimum:

- Administrative details of test facility that conducted the tests
- Administrative details of the Member submitting the product under test
- The identifying information of the product under test including HW and SW version numbers
- Reference to Bluetooth Specification and Bluetooth Test Specification versions
- Details of test setup
- List of test equipment including version information where relevant
- ICS/IXIT information relevant for tests performed
- Summary list of all performed test cases with test case identifier and description, date of test and verdict
- Calibration record of Bluetooth Test Equipment according to BQTF/BRTF requirements process

A signature with date of signature by the test engineer responsible for making the tests, or for automatically generated test reports an automated digital signature method if approved by the Bluetooth SIG.

3.2.3 Design Information

3.2.3.1 Design Description

For hardware designs the Compliance Folder shall include hardware design schematics of the Bluetooth functionality to component level:

- Circuit schematics
- PCB layouts



- Component layouts
- Bill of materials including part numbers of all components

For software designs appropriate design documentation in the form of source code, software models, SDL, etc. shall be used or an identifying reference shall be made to design information that is stored in a software version control system.

Designs that involve Bluetooth Component Products shall include a reference to the QDID of each component.

3.2.3.2 Implementation Conformance Statements

The Compliance Folder shall include the ICS statement for all Bluetooth protocols and profiles implemented in the product.

3.2.4 Record Retention

The Member shall store the Compliance Folder in electronic or paper form in a secure location for a minimum of one year after the product ceases to be offered for sale or distribution.

The Member shall make available those parts of the Compliance Folder required by Bluetooth SIG for inspection during audit.

3.3 Assessment

The Assessment shall verify that the Bluetooth Qualification Requirements have been successfully fulfilled.

A successful Assessment shall result in the execution of the Supplier Declaration of Conformity (SDoC),.

For tested Bluetooth Component Products the Assessment Date shall always mean the date at which all of the latest applicable testing requirements have been met.

All Bluetooth Qualification Requirements shall be met as of the Assessment Date.

3.3.1 Responsibility

The Member shall be responsible for assessing the compliance of the product to the Bluetooth Specification.

The Member shall be responsible for assessing the compliance of the product to the Bluetooth Qualification Requirements.

Failure to properly assess the product's compliance with the Bluetooth Qualification Requirements may result in the qualification status of the product being revoked. The member shall be given the opportunity to perform corrective action agreed upon by the Bluetooth SIG. Failure to perform the necessary corrective action within time constraints defined in the QEP process document [1] may result in the revocation of the qualification status of the product.

3.4 Supplier Declaration of Conformity (SDoC)

The member shall execute an SDoC statement as defined by Bluetooth SIG prior to a product becoming qualified.

The SDoC shall declare that the Bluetooth Qualification Process and Bluetooth Qualification Requirements have been successfully fulfilled.

The SDoC shall grant the Bluetooth SIG or its designate the right to audit the product qualification materials and any other materials necessary to verify compliance to the Bluetooth Qualification Requirements as specified in the Qualification Surveillance, Auditing and Enforcement Process (QEP) [1] document.

The SDoC shall be signed by a duly authorized representative of the company.



3.5 Document Filing

Members shall file the following documents for each qualification using a web based tool provided by Bluetooth SIG. Qualifications will be assigned a QDID as a unique identifier reference.

- ICS
- Test Plan
- Test Declaration
- Test Reports for those tests made on the product
- Supplier Declaration of Conformity
- All applicable Bluetooth Specification versions
- Applied PRD, TCRL, TCRL addenda and Test Case Waivers
- Product Type
- Hardware/software version(s)
- Design model name or number
- Design description
- Qualification Assessment Date

3.6 Compliance to Auditing and Enforcement

Members shall comply with the Qualification Auditing and Enforcement Process as specified in this PRD (section 4.1) and detailed in the QEP document [1] and shall cooperate with Bluetooth SIG in the execution of such process.

Failure to comply with the Qualification Auditing and Enforcement Process may result in revocation of the qualified status of a Member's qualified designs and products.

4 General Requirements

This section describes the general requirements for the execution and administration of the Bluetooth Qualification Program.

4.1 Qualification Surveillance, Auditing and Enforcement Process

Bluetooth SIG shall maintain a Qualification Surveillance, Auditing and Enforcement process in accordance with the QEP process as defined in the QEP document [1]. The QEP document is maintained and approved by the BQRB and may be amended from time to time.

4.1.1 Market Surveillance

The Bluetooth SIG shall maintain a surveillance process as part of the QEP process [1].

Market surveillance shall be used to detect products implementing Bluetooth wireless technology on the market which cannot be traced back to a valid QDID.

4.1.2 Qualification Audits

The Bluetooth SIG shall maintain a qualification audit process as part of the QEP process [1], which includes periodic and random audits and audits triggered by complaints.

Qualification audits are performed to verify adherence to the Bluetooth Qualification Requirements.



At a minimum the audit shall consist of reviewing the Compliance Folder of a product to ensure adherence to the Bluetooth Qualification Requirements. An audit is either performed remotely (e.g. via electronic data transmission) or as an on site audit or both. The Member may elect to have an on site audit in place of a remote audit. Deficiencies detected during an audit shall invoke the Enforcement Process. In this context a deficiency is any problem with regard to meeting the Bluetooth Qualification Requirements that cannot be cleared by the end of the audit.

The results of an audit shall be recorded in an audit report and a copy of it be made available to the audited Member.

Bluetooth SIG will determine the frequency and technical focus of periodic audits, based on issues observed in the market.

4.1.3 Qualification Enforcement Process

The Bluetooth SIG shall maintain a qualification enforcement process as part of the QEP process [1].

This enforcement process aims to quickly rectify deficiencies in the qualification of Bluetooth products.

The enforcement process shall consist of a number of escalation steps, starting with an inquiry to be sent to a Member and potentially ending with revocation of the qualified status or membership status, whichever is applicable. Failure to respond to and clear the requirements of a given escalation step ("corrective action") may invoke the next escalation level.

Bluetooth SIG shall give Members the opportunity for corrective action within a reasonable time period agreed between the Bluetooth SIG and the Member.

The Enforcement Process terminates upon a timely and successful corrective action by the Member.

4.2 Test Case Waiver Process

The Test Case Waiver approval shall be the responsibility of Bluetooth SIG. A Member shall file the Test Case Waiver directly with Bluetooth SIG. A Member who wishes to remain anonymous may appoint another Member to make the filing. Bluetooth SIG shall act on all waiver requests within a period of 10 business days from receiving a complete waiver request. Bluetooth SIG may request additional time from the applicant to gather additional information from various Bluetooth SIG committees or working groups. This additional time is limited to 20 business days for a total application time of 30 business days. No later than 30 business days Bluetooth SIG shall issue a determination on the waiver via email to the applicant.

Bluetooth SIG shall publish all approved waivers on the Bluetooth SIG Web site within 5 business days. Test Case Waiver maintenance is the responsibility of Bluetooth SIG. Test Case Waivers that are superseded by later Bluetooth Specifications or other test documents shall be marked accordingly on the Bluetooth SIG Web site. Bluetooth SIG shall maintain a record of all waiver requests and dispositions.

4.3 Test Case Reference List

The Test Case Reference List (TCRL) lists and uniquely identifies all Bluetooth Test Cases, their categories, the available and active dates and mandatory test equipment (if applicable). Furthermore the TCRL references related qualification relevant documents and approved Test Case Errata.

4.3.1 Approval

The technical contents of the TCRL (introduction of new test cases, removal of test cases and test case categorization) are drafted by the Bluetooth SIG from time to time and released to the BQRB. The BQRB shall revise the TCRL as necessary prior to approval.

The TCRL shall be approved by the BQRB before it becomes applicable for qualification purposes.

Upon approval, the Bluetooth SIG shall publish the TCRL on the Bluetooth SIG Web site.



4.3.2 TCRL Updates

TCRL updates occur when necessary on a quarterly release cycle. Under exceptional conditions a TCRL update may occur more frequently. In any case, the TCRL shall follow the TCRL requirements as outlined below.

4.3.3 TCRL Addendum

The BQRB may from time to time issue TCRL addenda. The TCRL addenda shall carry the full force of a TCRL release for the applicable sections. The TCRL addenda shall follow the TCRL requirements as outlined below.

TCRL addenda shall not be used to increase testing requirements in between the regular quarterly release schedule.

4.3.4 Category A Test Case Activation

For all test cases in Category A, validated test equipment shall exist commercially that is able to perform the test as described in the test specification or test specification errata when applicable.

4.3.5 Test Case Grace Periods

Each category “A”, “B” or “C” test case is listed with an active date in the TCRL. There shall always be a minimum grace period between the Test Case available date and its active date. The minimum grace periods below shall not apply on initial TCRL releases related to new releases of the Bluetooth Specifications, those test cases are active immediately. The following table indicates the minimum grace period for each situation.

Minimum grace periods (from “available” to “active” in TCRL)

(*)	To “D”	To “C”	To “B”	To “A”	To Temporary Suspend
New	0	6 months	6 months	6 months	not applicable
From “D”	0	4 months	4 months	4 months	0
From “C”	0	3 months for new functionality	3 months	3 months	0
From “B”	0	0	3 months for new functionality	3 months	0
From “A”	0	0	0	3 months for new functionality	0
From Temporary Suspend	not applicable	1 week	1 week	1 week	not applicable

Shaded area represents change in test case content (e.g. bug fix), which may change the test procedure, but not the tested functionality (test purpose). If the tested functionality is changed, it shall be treated as a new test case.

(*) The test case in the ‘From’ category can be either “available” or “active” when it is in that category. Consecutive TCRL updates shall not lead to a reduction of initial grace period (e.g. New =>D=>A cannot



be completed faster than direct New => A) The objective is to have active dates aligned with quarterly boundaries, typically early January, April, July and October.

A category “A”, “B” or “C” test case may be temporarily suspended, for example, if a flaw has been reported. In this case, the BQRB will indicate in the TCRL addendum comment field as appropriate, indicating that the test case may be reactivated in the near future without the normal grace period between available and active dates. For example, it may be determined that the reported flaw did not represent an error in the test case, in which case the test case may be reactivated immediately.

4.4 Test Plan Generator

Bluetooth SIG shall maintain a system for automatically generating a test plan specifying at a minimum:

- Test specification version
- Test case identifier
- Test case category
- Mandated test equipment and version information (if applicable)

Inputs to the test plan generator shall include

- ICS completed by the Member
- TCRL
- Test case mapping tables
- Test equipment information

4.5 Requirements to become a BQTF/BRTF

Upon applying to the Bluetooth SIG, test facilities meeting the requirements stated below will be recognized as either BQTF or BRTF.

BQTFs are authorized to perform testing on behalf of themselves and other Member Companies.

BRTFs are authorized to perform testing only on behalf of their own company.

Both, BQTFs and BRTFs shall satisfy the following common requirements

- Be a Member of the Bluetooth SIG
- Own recognized Bluetooth Test Equipment in the version as specified in the applicable TCRL
- Meet the same level of technical requirements as specified in the BQTF/BRTF recognition process
- Comply with the BQTF/BRTF recognition process as specified on the Bluetooth SIG web page

An independent test facility will be recognized as a BQTF when it meets the following in addition to the common requirements

- Be accredited for Bluetooth Conformance Testing under ISO/IEC 17025

A Member Company test facility will be recognized as BRTF when it meets the following in addition to the common requirements

- Operate a documented quality assurance process
- Maintain a calibration service contract with a calibration service authorized by the test equipment provider
- Maintain a testing staff trained to operate the equipment

Failure to comply with any of the requirements may result in revocation of the recognition as BQTF/BRTF.



Details on the BQTF/BRTF recognition process are specified on the Bluetooth SIG web page subject to approval by BQRB.

4.6 Deprecated and Withdrawn Specifications

4.6.1 Deprecated Specifications

From time to time, Bluetooth SIG may deprecate specifications and end maintenance on the specifications and related test documentation. At the time of specification deprecation, the testing requirements become fixed. Members are discouraged to qualify new products based on these deprecated specifications. However, qualification is still permitted as long as the testing requirements, fixed at deprecation, are satisfied. Test case waivers may still be issued by the Bluetooth SIG for errors in the test specifications, ICS, test equipment, etc.

4.6.2 Withdrawn Specifications

The Bluetooth SIG may also withdraw specifications. New products shall not be qualified to withdrawn specifications. No new qualifications for claimed functionality of a withdrawn specification shall be permitted.

When portions of a Bluetooth End Product or Bluetooth Subsystem Products contain a withdrawn specification as indicated in the applicable ICS, those portions of the Bluetooth End Product or Bluetooth Subsystem Products shall not be considered qualified when those products are used in new qualifications. The ICS for any new qualifications shall not claim withdrawn specifications.

5 Appendix

5.1 Definitions

Each term used in the document and defined here begins with capital letters.

Term	Definition
<i>Assessment</i>	The process of determining the compliance of a product or design with the current applicable Bluetooth Qualification Requirements
<i>Assessment Date</i>	The date on which the Assessment occurred.
<i>Bluetooth Component Product</i>	As defined in the applicable version of the Bluetooth Specification.
<i>Bluetooth Controller Subsystem Product</i>	As defined in the applicable version of the Bluetooth Specification.
<i>Bluetooth Development Tool</i>	As defined in the applicable version of the Bluetooth Specification.
<i>Bluetooth End Product</i>	As defined in the applicable version of the Bluetooth Specification.
<i>Bluetooth Host Subsystem Product</i>	As defined in the applicable version of the Bluetooth Specification.
<i>Bluetooth Product</i>	As defined in the applicable version of the Bluetooth Specification.
<i>Bluetooth Profile Subsystem Product</i>	As defined in the applicable version of the Bluetooth Specification.
<i>Bluetooth Qualification Process</i>	The process defined in this document to qualify a design of Bluetooth wireless technology.
<i>Bluetooth Qualification Program</i>	The Bluetooth Qualification Process together with other related requirements and processes.
<i>Bluetooth Qualification Requirements</i>	Requirements established in sections 2 and 3 of this document for qualifying a design of Bluetooth wireless technology.
<i>Bluetooth Qualification Review Board (BQRB)</i>	A standing committee established according to the Bylaws of Bluetooth SIG.
<i>Bluetooth Qualified Test Facility (BQTF)</i>	A test facility recognized by the Bluetooth SIG to perform testing as specified in this PRD.



<i>Bluetooth Recognized Test Facility (BRTF)</i>	A test facility recognized by the Bluetooth SIG to perform testing as specified in this PRD.
<i>Bluetooth Specifications</i>	As defined in Membership Agreements.
<i>Bluetooth Test Case</i>	A uniquely identifiable qualification test, as defined in the Bluetooth Test Specifications.
<i>Bluetooth Test Equipment</i>	As defined in the applicable version of the Bluetooth Specification.
<i>Bluetooth Testing Requirements</i>	Part of the Bluetooth Qualification Requirements pertaining to testing.
<i>Bluetooth Test Specification</i>	The specification containing a collection of Bluetooth <i>Test Cases</i> .
<i>Bluetooth Web site</i>	The Bluetooth Web site on http://www.bluetooth.org is the ongoing information base for getting official Bluetooth information and documents which are published by the Bluetooth SIG.
<i>Compliance Folder</i>	The information required to assess that the product meets the Bluetooth Qualification Requirements, as further described in section 3.2.
<i>Compliance Requirements</i>	As defined in Membership Agreements.
<i>Implementation Conformance Statement (ICS)</i>	A document completed by the Member being part of the product Compliance Folder. It specifies all the implemented Bluetooth capabilities in detail.
<i>Implementation eXtra Information for Testing (IXIT)</i>	A document completed by the Member that specifies all extra information for testing purposes.
<i>Member</i>	An entity that has executed the Membership Agreement.
<i>Qualified Design ID (QD ID)</i>	The Qualified Design ID is a unique identifier referencing a qualified design
<i>Reference Integration Note</i>	Instructions from the Member manufacturing the Bluetooth Component Product on how the Bluetooth Component Product is integrated.
<i>Subset</i>	Implementation of a qualified design that disables one or more, profiles, protocols, roles, or optional features that still meets the definition of the same product type.
<i>Supplier Declaration of Conformity (SDoC)</i>	A declaration issued by the Member on the Assessment Date indicating that the product qualification process up to and including the assessment has been satisfied.
<i>Test Case Reference List (TCRL)</i>	A list summarizing all active and upcoming test cases.
<i>Test Case Waiver (TCW)</i>	A waiver of one or more test requirements granted by the Bluetooth SIG.

5.2 References

[1] Qualification Surveillance, Auditing and Enforcement Process Document

[2] BQTF Technical Checklist or BRTF Technical Checklist (these documents can be found on the Bluetooth SIG web pages.)