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# Rhapsody Direct Test Kit and Program Information

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**Test Program Executed by Intertek Testing Services NA, Inc.**

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# **1 WELCOME**

Welcome to the “Rhapsody Direct” Logo Program. The tests and processes detailed throughout this document have been designed in partnership between Real Networks, Inc. and Intertek and approved by Real Networks, Inc.

Intertek is an independent test company chosen to administer the Rhapsody Ready® testing program. All program specifics including process, test design, and program design have been approved, and are enforced by Real Networks, Inc.

The purpose of this Kit is to provide the Rhapsody Direct device manufacturer with detailed information about the process, and the specific tests that will be run, when you submit your product for Rhapsody Ready® compliance with Rhapsody platform.

Upon passing these tests, you will receive a “Rhapsody Ready®” logo from Real Networks, Inc.

The Test Kit includes a summary of tests for your use. In addition, each test contains a detailed description. Make sure that you pre-test your product prior to submitting it to Intertek.

We look forward to contributing to your product’s success and working with you as part of the Rhapsody Ready testing program.

Intertek - Rhapsody Ready Test Team

## **2 WHAT THE “RHAPSODY READY® ” LOGO MEAN**

### **2.1 Introduction**

The “Rhapsody Ready®” logo provides assurance that the Rhapsody Direct product meets compatibility, quality and usability standards set by Real Networks, Inc. The test suite focuses mainly on the Rhapsody Direct device’s interaction with the Rhapsody server. All Rhapsody Ready® Rhapsody Direct hardware that bears the logo will also exhibit a level of reliability that will work with the Rhapsody server, managed by the Rhapsody Jukebox software.

The logo is an assurance that your product has passed a set of criteria as defined by Real Networks, Inc. The logo is not a Full Product Quality Assurance guarantee. Intertek’s test engineering service is to ensure that your product meets a set of Real Networks, Inc. compliance standards, and that your Rhapsody Direct product’s stability is adequate throughout the compliance tests.

Intertek is pleased to be the Rhapsody Ready® compliance Test Lab for Rhapsody Direct hardware devices.

Note: Passing results in the compliance test report do not represent any type of Quality Assurance seal from Intertek. Intertek has no control over whether Real Networks, Inc. will issue a “Rhapsody Ready®” logo. Real Networks, Inc. has reserved the right to refuse participation by any Vendor in the use of any trademark, licensing or compliance program regardless of the test results determined by Intertek.

### **3 HOW TO ACHIEVE THE LOGO**

To achieve Rhapsody® compliance, you must schedule testing for your portable product, and submit your package to the Intertek Test Lab. **In order to maximize your chances for a successful test result, you must run all tests prior to submission.** Once your portable product has passed the test, Real Networks, Inc. will provide you with the “Rhapsody” logo.

You can schedule your test by sending an email to [Realnetworks@Intertek.com](mailto:Realnetworks@Intertek.com)

The following are requirements for submission of your test package.

- A pre-tested candidate of your portable device by package delivery submission. The version of your portable device must be the same as its release to your target market and should be stated on the Addendum A legal forms submitted to Intertek.
- Please submit a **full** version of your portable product. The logo does not apply to Demo or “lite” versions of the device. Please ship two of your hardware devices to Intertek.
- A copy of your product documentation, i.e. User’s Guide.
- The signed Intertek **Developer Vendor Hardware Testing Agreement** and Addendum.  
*Testing agreements are to be returned only once. Additional Rhapsody® compliance testing will only require product Addendums to be signed.*
- Payment by check for the Rhapsody® testing. Make checks payable to **Intertek Testing Services NA, Inc.** See “Pricing” to determine fee. We also accept cashier checks and wire transfer. Please contact Intertek via email ([realnetworks@Intertek.com](mailto:realnetworks@Intertek.com)) for banking information if you choose wire transfer option.
- Developer Questionnaire with “required” fields filled in.
- Exception requests submitted to Intertek, Inc. See “Exception Handling Process” for details.
- Any additional active service accounts, software, hardware, server configurations, or equipment required to use the device.

The following is recommended prior to submission of your test package:

- A copy of the test outline or functional specification associated with your portable device.

Ship your package to:

**Intertek Testing Services NA, Inc**  
Rhapsody Real Networks Program  
450 Main Street, Suite 207  
Pleasanton, CA 94566  
Phone: (925) 485-5619 Fax: (925) 484-2631

## **4 SUBMISSION PROCESS**

1. Intertek will schedule your test window to begin within five (5) business days of contact.

In an effort to continue to offer submission scheduling within a one-week time frame, it is important that once you have submitted and received confirmation of a start date that the commitment be met.

Delayed submissions by the Rhapsody Direct device manufacturer and/or no shows, result in delayed schedule availability.

If no change of date or cancellation has been received prior to the original planned submission start date, then a new submission date will need to be requested and your submission will be placed in the queue for the next available submission start time. A late or no show submission penalty fee may be applied and due upon submission. See "Pricing" for details.

2. You will receive confirmation of receipt of your package and login information to a secure, online Intertek Problem Status database.
3. Once testing has begun, regular problem information can be obtained via the online Intertek Problem Status database at any time. Final test results will be made available to Real Networks, Inc. and to you within three (3) working days from the start of testing.
4. **IMPORTANT:** The majority of the testing will be performed during the first day of the test cycle. If numerous problems have been found thus inhibiting the completion of testing by the end of the first day, testing will be stopped and a resubmission of your application (with the problems fixed and all requirements re-tested) will be necessary to achieve the logo. In this case, a notification will be sent to you and Real Networks, Inc. indicating the testing has been stopped. Information will also be included on tests completed to date, tests remaining, problems found, and any open issues.

# 5 TEST CUSTOMIZATION

## 5.1 Should you customize?

You may be eligible for test customization if one of the following applies:

- If your product technology is a component other than a standalone portable device
- If your portable device technology does not apply to the majority of the tests described in this kit
- Due to the nature of your portable device, Real Networks, Inc. **requires** a customized test kit in order to achieve compliance

Note: Real Networks, Inc. has reserved the right to require a customized test kit for a portable device in order to issue a "Rhapsody Ready Logo". Intertek has no control over whether Real Networks, Inc. will issue a "Rhapsody Ready Logo" or refuse participation by any Vendor in the use of any trademark, licensing or compliance program.

## 5.2 What's the Process?

1. Intertek emails the "Rhapsody Committee" describing the portable device, and states justification for the customization. Approval from Real Networks, Inc will be typically provided within 24 hours.

*==> If Real Networks, Inc. approves/agrees the portable product needs to have a customized set of test suites, then proceed to next step. Otherwise inform Portable Device manufacturer they must go through the standard program.*

2. Intertek requests detailed information from the Portable Device manufacturer. With this information Intertek provides a cost estimate to customize, develop, and execute the Test Suite for the logo.

*==> If the Portable Device manufacturer agrees to pay for a customized suite, then proceed to next step.*

3. Within an average maximum of 6 business days of receipt of payment from Portable Device manufacturer, Intertek develops and sends to Portable Device manufacturer and Real Networks a customized Test Suite. Feedback or approval from Real Networks, Inc will be typically provided within 24 hours, and no later than 72 hours.

*==> If Portable Device manufacturer and Real Networks approves/agrees to the Test Suite written by Intertek, then proceed to next step. Otherwise, there is a reiterative process between Intertek, Portable Device manufacturer and/or Real Networks. To modify the customized Test Suite that will become approved.*

4. Portable Device manufacturer schedules their tests with the Intertek - Rhapsody Test lab, submitting hardware, documentation, and other relevant information.

## **6 EXCEPTION HANDLING PROCESS**

On occasion, there are justified cases that need exception. For example, if the design of a portable product prohibits a Portable Device manufacturer from conforming to one of the tests listed in the criteria, or if a Portable Device manufacturer is unable to conform to a test because of a specific problem with the Real Network SDK, or a reason completely out of the portable device manufacturer's control.

After reviewing the tests within this kit, and you feel that your portable product will not meet a portion of the test criteria, you must request an exception upon submission by sending an email to Intertek. Please indicate "EXCEPTION REQUEST" in the email subject line, and include the test the exception is requested for as well as the rationale for the request in the body of the message. Intertek will submit the exception request for approval to Real Networks, Inc.

If you were unaware of a particular exception candidate at time of submission, a section for tracking exceptions will be included in the test results report. Each case will be handled separately. All potential exceptions will be communicated to Real Networks, Inc. in the results report with information explaining the rationale of the problem. Real Networks, Inc. will approve or deny the exception typically within 24 hours, but no later than 72 hours. An immediate e-mail will be sent to the Portable Device manufacturer reporting approval results for their exception candidate.

If the exception has been approved, Intertek will record the information in the results report. If all other tests have passed, the Portable Device manufacturer will receive a test pass. If the exception has been denied, a retest of the portable product will be necessary to fix the problem as documented in the failed test result.

PLEASE NOTE: No failure status will occur if the failure cannot be reproduced in the lab at Intertek. If Intertek discovers a problem once and cannot reproduce the problem, it will be noted in the test results report but will not affect the test status. However, if Intertek can reproduce the problem consistently, but the Portable Device manufacturer cannot, we will work with the Portable Device manufacturer to help isolate the condition for reproducibility. Problems not reproducible at the Portable Device manufacturer site will be escalated to Real Networks, Inc. for decision handling through the test results report.

***It is important to note that an exception granted will not indicate a passed status for that particular test. However, a Portable Device manufacturer will pass the overall test suite and receive the logo, with a disclaimer for those tests that have been granted an exception.***

# **7 TEST INFORMATION**

The following are some test tips, and a guide to follow during your pre-test effort. The tests listed in the next section will be executed at the Intertek – Rhapsody® Test Lab. A full Requirements Pass/No Pass report will be generated based on the results of these tests. **You must run all tests prior to submission in order to maximize your chances for a successful test result.**

If a specific test does not apply to your portable device, the difference and reasoning behind this must be documented for test and for the users.

For devices that require additional software/device drivers installed onto the Desktop and/or Server that will host the Rhapsody service, the most recent versions of Windows and Mac OS supported by the product will be used.

Testing will be performed with the most recent version of the Rhapsody™ Jukebox software and the submitted portable devices. At Intertek's and/or Real Network's discretion, Windows XP will be selected for testing from the list of supported OS platforms provided by the product's user documentation. If no particular OS is specified by the product documentation, the application will be tested with Windows XP (subject to change).

Testing on additional OS platforms is available. Please contact the Intertek -Rhapsody Test Lab for information on additional OS platforms available for testing. See "[Pricing](#)" for details.

## **7.1.1 Warnings:**

All requirements must be met in order to be eligible for the logo. However, if your application does not meet a requirement identified with "*WARNING ELIGIBLE*" (see Core Tests descriptions below), the requirement not met will be indicated as a warning on the final report. Warnings are typically granted for problems that are more cosmetic in nature. A warning on the final report will still allow the application to receive the logo and all of its benefits, as described in Rhapsody Ready Logo usage agreement, however, the requirement will only be excused from being met until the release of the next version of the application. Please realize that a warning will not be issued twice.

If a warning is issued for a requirement that only requires a firmware edit to rectify, then the portable device manufacturer will be allowed to submit revised firmware for the portable device. See **HARDWARE REVISION HANDLING** section below for additional revision information.

It's important to note that if a memory leak is given a warning; all memory leaks no matter the location, on all future revisions, will result in the no memory leak requirement to not be met. In other words, if a memory leak is given a warning, no other warnings will be granted for any memory leaks found in future revisions.

## **Important Notes:**

If numerous problems have been found thus inhibiting the completion of testing by the end of the first day, testing will be stopped and a resubmission of your device (with the problems fixed and all requirements re-tested) will be necessary to achieve the logo.

# 8 CORE TESTS

## 8.1 General

8.1.0	General		Expected Results:	Required / Optional:	Notes:
	8.1.1	Document device protocols/codecs supported with the firmware/client under test	Varies per device. Common examples: http-get:*:audio/mpeg:*;http-get:*:audio/mp4:*;http-get:*:audio/x-ms-wma:*;http-get:*:audio/x-aiff:*;http-get:*:audio/wav:*;real.com-rhapsody-http-1-0:*:audio/x-ms-wma:*;real.com-rhapsody-http-1-0:*:audio/x-rhap-radio:* -- ConnectionManger/GetProtocolInfo()	Optional	This case is to understand which device protocols are supported.  Suggestion: Some devices can use Intel Device Spy to retrieve this information. Please indicate if this is the case for your device.
	8.1.2	Device supports Rhapsody streams	Track should play (Track should show correct metadata)	Required	
	8.1.3	Device supports Rhapsody Channels	Channel should play (no pause or rewinding functions are supported for channels)	Required	
	8.1.4	Device: Verify Digital Media Adapters (DMAs) device implements Serial Copy Management System (SCMS)	For devices that have digital output (i.e. optical / co-axial digital), verify does not allow output to be recorded. Hook up a DAT deck or mini-disc recorder to the digital output jack and verify it does not record to it.	Required	

## 8.2 Accounts

8.2.0	Accounts		Expected Results:	Required / Optional:	Notes:
	8.2.1	<b>Trial Account:</b> Verify user can create a 30-day trial account by following device prompts or on the OEM website. Must include yes/no dialog and URL for terms and conditions	User is prompted to accept/reject terms that can be found at a URL that is displayed. Upon accepting terms, a machine based 30-day trial account is created. User can start accessing Rhapsody features instantly.	Required	OEM: Please indicate how 30-day trial accounts are created for your device.
	8.2.2	<b>Trial Duration Messaging:</b> Verify that appropriate trial duration messaging is displayed	<b>A.</b> 30 days left - on the day of account creation. <b>B.</b> 29 days left - on the second day of account creation <b>C.</b> and so on.	Required	

8.2.0 Accounts		Expected Results:	Required / Optional:	Notes:	
	8.2.3	<b>Trial Expiration Messaging:</b> Verify that user is notified of trial expiration after the 30th day	A user friendly message is displayed on the device about trial expiration after the 30th day. Message will also contain an URL to rhapsody.com where user can sign up for a full account.	Required	
	8.2.4	<b>Full Account:</b> User must be able to login to their full account from the device	Full account is created and user can successfully login to their account from their device.  - Verify My Library, My Artists, My Playlists and user's ratings are accurately populated.	Required	In this case, we're testing the ability for the user to enter their credentials in the device and login to their full Rhapsody Account.  To test this case you will need to use a Rhapsody account with <i>rated</i> content in My Library, My Artists, and My Playlists.
	8.2.5	<b>Trial Account "ListenID":</b> User must be able to view the "ListenID" of the trial account to reference for Rhapsody Customer Support calls during the trial period	User is able to access the ListenID.	Required	Normally, customer support would locate a customer's account using their email address.  With a trial account, the user id is created automatically without the user's involvement.  Making the ListenID visible to the user enables them to provide it to customer support if needed.\
	8.2.6	<b>Merging unexpired trial account with full account:</b> Create a trial account and add items to My library. Log on to www.rhapsody.com/OEMName and sign up for a full account	When the user signs in to their full account from the device they should see the content from their trial account added to My Library in their full account.	Required	
	8.2.7	<b>Logging in using different subscription tiers of Rhapsody:</b> Login the Rhapsody Direct client using accounts with different subscription tiers: - Rhapsody Unlimited - Rhapsody To Go	Verify that the user is able to login with accounts from different subscription tiers.  Once logged in, play any track to verify that the account is functional.	Required	

8.2.0 Accounts		Expected Results:	Required / Optional:	Notes:
8.2.8	<p><b>Branding change at Initial device setup:</b> Verify that the device present a dialog asking the user where they bought the device (options include: "Best Buy", "Other Retailer #1", "Other Retailer #2", and "Don't Know").</p>	<p>The user should be able to select the device purchase location during initial setup. This will affect some of the branding/nomenclature on the device's UI.</p>	Optional	
8.2.9	<p><b>Logging in using different co-brands of Rhapsody:</b> Setup different co-brands of rhapsody client (e.g. Real, Bestbuy) and verify that the user is able to login to both clients.</p>	<p>The user should be able to login to their account with different co-brands of Rhapsody.</p> <p>Once logged in, play any track to verify that the account is functional.</p>	Optional	
8.2.10	<p><b>Branding/nomenclature of Rhapsody Direct client on devices purchased at BestBuy:</b> In test case 2.8, if the user selects "BestBuy", then all relevant on-device branding/nomenclature should change to reflect the Best Buy Digital Music Store Powered by Rhapsody.</p>	<p>All relevant on-device branding/nomenclature should reflect the Best Buy Digital Music Store Powered by Rhapsody. This includes:</p> <ul style="list-style-type: none"> <li>- top-level on-screen Rhapsody/BBDMs logos for graphical UIs</li> <li>- the top-level name of the service for all UIs, possibly color schemes (not required)</li> <li>- any included on-screen "Help" information that refers to the service name in the Help instructions. NOTE that "Rhapsody Channels" is the correct name for the Channels section for BOTH Rhapsody AND BBDMs Powered by Rhapsody.</li> </ul>	Optional	
8.2.11	<p><b>Branding/nomenclature of non-bestbuy purchased devices:</b> Verify that IF the user selects anything OTHER THAN "Best Buy" in test case 2.8, then all relevant on-device branding/nomenclature reflects Rhapsody only.</p>	<p>All relevant on-device branding/nomenclature should reflect the Rhapsody only. This includes:</p> <ul style="list-style-type: none"> <li>- top-level on-screen Rhapsody logos for graphical UIs</li> <li>- the top-level name of the service for all UIs, possibly color schemes (not required)</li> <li>- any included on-screen "Help" information that refers to the service name in the Help instructions. NOTE that "Rhapsody Channels" is the correct name for the Channels section for BOTH Rhapsody AND BBDMs Powered by Rhapsody.</li> </ul>	Optional	

## 8.3 Error Handling

8.3.0 Error Handling		Expected Results	Required / Optional:	Notes:	
	<b>8.3.1</b>	<b>Connection Issue:</b> Verify an appropriate message is displayed if there are connection issues (e.g., lost connection)	Disconnect the internet cable or turn-off the wireless access point. The device should provide a user friendly message indicating the connection is no longer available.	Required	
	<b>8.3.2</b>	<b>Incorrect Password:</b> Verify an appropriate message is displayed if a user enters in an incorrect password when logging in to their Rhapsody account from the device	Enter an incorrect password. The device should provide a user friendly message indicating the password and email address do not match an existing account.	Required	
	<b>8.3.3</b>	<b>Empty or Null Values:</b> Verify an appropriate message is displayed when a list (e.g., playlist, channel, chart, etc.) is empty	Access an empty My Library using the device. The device should provide a user friendly message indicating My Library is empty.	Required	Tip: This can also be tested using an empty Playlist or Rhapsody Channel (both of which can be created using the Rhapsody desktop client).
	<b>8.3.4</b>	<b>No Search Results:</b> Verify an appropriate message is displayed when a user's search query returns no results	Enter a search query for a string that does not exist in Music Guide (e.g., random selection of characters) to return no search results. The device should provide a user friendly message indicating no results were returned.	Required	Tip: Search queries can be tried on Rhapsody Online or Rhapsody desktop client before using them to test devices.
	<b>8.3.5</b>	<b>Failed Actions:</b> Verify an appropriate message is displayed when an action attempted by the user fails		Required	
	<b>8.3.6</b>	<b>Skip Limit Reached:</b> Verify an appropriate message is displayed when a user reaches the limit for number of skips in a Channel	Play a Rhapsody Channel and skip forward until the skip limit is reached. The device should provide a user friendly message indicating the skip limit has been reached and will return after X minutes.	Required	The skip limit is [X number of] skips in [certain amount of time].

## 8.4 Changes to Password

8.4.0 Changes to Password		Expected Results:	Required / Optional:	Notes:	
	<b>8.4.1</b>	<b>Password Change:</b> User changes password in My Account page on www.rhapsody.com	Change the password on a Rhapsody account. The user is prompted with invalid user name & password message. User is asked to re-enter their password.	Required	Users are only able to change their passwords on www.rhapsody.com.

8.4.0	Changes to Password		Expected Results:	Required / Optional:	Notes:
	8.4.2	<b>Supported Characters/Password Rules:</b> Determine if supported characters on device are consistent with Rhapsody password rules	Create a password that uses special characters (e.g., !, @, #, \$, %, ^, &, *, (, ), ~, ;, :, " ' ! ~ ` /, \,  , {, }, [, ], -, _, +, =). Device should support Rhapsody password rules indicated in the notes.	Required	Devices need to be able to pass the password to Rhapsody so the user can login.  Rhapsody likely supports more characters than most devices. There may be some users who use special characters in their passwords. We need to know whether all or some characters are supported by the device. If the device supports some characters we need to know which characters are supported so we can inform users.  Rhapsody password rules are: - Length: 1-1000 characters - Characters: User can use any combination of characters (alpha, numeric, special)

## 8.5 Rhapsody Nomenclature/Terminology

8.5.0	Rhapsody Nomenclature/Terminology		Expected Results:	Required / Optional:	Notes:
	8.5.1	Verify required Rhapsody features are exposed	The following hierarchy illustrates the top-level Rhapsody feature categories. Devices should expose all of these features and use the naming conventions reflected here.  <b>Search</b> <b>Rhapsody Music Guide</b> <b>Rhapsody Channels</b> <b>Playlists</b> <b>My Library</b> <b>My Rhapsody</b> ( <i>optional</i> )  <b>*See accompanying document "Rhapsody Service Hierarchy" for a detailed hierarchical overview of all individual Rhapsody features and content categories.</b>	Required	- OEMs are required to make all features available to users to ensure users are able to enjoy all the benefits of their Rhapsody subscription.  - This test is not meant to restrict the flexibility OEMs have in UI design and Information Architecture. OEMs can choose to highlight some of the features (e.g., Top Tracks) for ease of use if desired.  - INTERTEK will test to make sure the features are available and correctly named.

8.5.0 Rhapsody Nomenclature/Terminology		Expected Results:	Required / Optional:	Notes:
	8.5.2	Verify correct Rhapsody nomenclature is displayed	Devices should use the correct nomenclature when referring to Rhapsody features.  <b>*See accompanying document "Rhapsody Service Hierarchy" for a detailed hierarchical overview of all individual Rhapsody features and content categories.</b>	Required  Some devices support multiple music services.  We want to make sure that devices working with Rhapsody use the correct nomenclature for our features/services to ensure consistency.

## 8.6 Search

8.6.0 Search		Expected Results	Required / Optional:	Notes:	
	8.6.1	<b>Search by Artist:</b> Verify that user can search for an artist by typing the artist name as query parameter	Search results (Artists) matching the query parameter are displayed.	Required (optional if 6.5 is implemented)	
	8.6.1.1	<b>Search by Artist:</b> Verify that user can select Artist from search results	User should be able to select an Artist from search results. Selecting Artist should go to the Artist Listing.	Required (optional if 6.5 is implemented)	
	8.6.2	<b>Search by Album:</b> Verify that user can search for an album by typing the album name as query parameter	Search results (Albums) matching the query parameter are displayed.	Required (optional if 6.5 is implemented)	
	8.6.2.1	<b>Search by Album:</b> Verify user can play now (or add to queue if is available on device)	User should be able to play an Album now from search results (or add it to queue if is supported on device)	Required (optional if 6.5 is implemented)	OEM: Please indicate whether a play queue is supported on device.
	8.6.2.2	<b>Search by Album:</b> Verify user can select an Album	User should be able to select an Album from search results. Selecting Album should go to the Album Listing.	Required (optional if 6.5 is implemented)	
	8.6.2.3	<b>Search by Album:</b> Verify user can select an Album to add to their library	User should be able to add an Album from search results to My Library.	Optional	
	8.6.3	<b>Search by Track:</b> Verify that user can search for a track by typing the track title as query parameter	Search results (Tracks) matching the query parameter are displayed.	Required (optional if 6.5 is implemented)	
	8.6.3.1	<b>Search by Track:</b> Verify user can play now (or add to queue if is available on device)	User should be able to play a Track now from the search results (or add it to queue if is supported on device)	Required (optional if 6.5 is implemented)	OEM: Please indicate whether a play queue is supported on device.
	8.6.3.2	<b>Search by Track:</b> Verify user can select a Track	User should be able to select an Track from search results. Selecting Track should go to the Album Listing.	Required (optional if 6.5 is implemented)	

8.6.0 Search		Expected Results	Required / Optional:	Notes:	
	8.6.3.3	<b>Search by Track:</b> Verify user can select a Track to add to My Library	User should be able to add a Track from the search results to My Library.	Optional	
	8.6.4	<b>Search by Keyword:</b> Verify that user can search for an Artist, Album OR Track by typing a keyword as query parameter	Search results (Artists, Albums, or Tracks) matching the query parameter are displayed.	Optional	
	8.6.4.1	<b>Search by Keyword:</b> Verify user can play a Track or Album now (or add to queue if is available on device)	User should be able to play a Track or Album now (or add it to queue if is supported on device).	Optional	OEM: Please indicate whether a play queue is supported on device.
	8.6.4.2	<b>Search by Keyword:</b> Verify user can select a Track or Album	User should be able to select a Track or Album from search results. Selecting should go to the Album Listing. Same as Requirements 6.22 and 6.32.	Optional	
	8.6.4.3	<b>Search by Keyword:</b> Verify user can select a Track or Album to add to their library	User should be able to add the Track or Album to My Library. Same as Requirements 6.23 and 6.33.	Optional	
	8.6.5	<b>"Fast Find" by Artist</b>	<ul style="list-style-type: none"> <li>- User enters single letter and Search results appear with alpha listing of all Artists that begin with that letter</li> <li>- Next letter entered refines Search results with alpha listing of all Artists that begin with those two letters, and so on</li> </ul>	Optional	
	8.6.6	<b>"Fast Find" by Album</b>	<ul style="list-style-type: none"> <li>- User enters single letter and Search results appear with alpha listing of all Albums that begin with that letter</li> <li>- Next letter entered refines Search results with alpha listing of all Albums that begin with those two letters, and so on</li> </ul>	Optional	
	8.6.7	<b>"Fast Find" by Track</b>	<ul style="list-style-type: none"> <li>- User enters single letter and Search results appear with alpha listing of all Tracks that begin with that letter</li> <li>- Next letter entered refines Search results with alpha listing of all Tracks that begin with those two letters, and so on</li> </ul>	Optional	

## 8.7 Music Guide

8.7.0	Music Guide	Expected Results:	Required / Optional:	Notes:	
	<b>8.7.1</b>	<b>Top Artists:</b> Verify user can browse top Artists Chart. Verify ranking is shown next to each Artist	User should be able to browse top Artists chart and see number ranking next to each Artist.	Required	
	<b>8.7.1.1</b>	<b>Top Artists:</b> Select Artist	Selecting an Artist should go to the Artist Listing.	Required	
	<b>8.7.2</b>	<b>Top Albums:</b> Verify user can browse top Albums Chart	User should be able to browse top Albums chart and see number ranking next to each Album. Selecting an Album should go to the Album Listing.	Required	
	<b>8.7.2.1</b>	<b>Top Albums:</b> Play an Album	User should be able to play an Album now (or add it to queue if queue is supported on device)	Required	OEM: Please indicate whether a play queue is supported on device.
	<b>8.7.2.2</b>	<b>Top Albums:</b> Add an Album to My Library	User should be able to add the Album to My Library.	Optional	
	<b>8.7.3</b>	<b>Top Tracks:</b> Verify user can browse top Tracks Chart	User should be able to browse top Tracks chart and see number ranking next to each Track. Selecting a Track should go to the Album Listing.	Required	
	<b>8.7.3.1</b>	<b>Top Tracks:</b> Play Top Tracks	User should be able to play the entire list of Top Tracks (or add to queue if queue is supported on device).	Required	OEM: Please indicate whether a play queue is supported on device.
	<b>8.7.3</b>	<b>Top Tracks:</b> Add Top Tracks to My Library	User should be able to add any Track from Top Tracks to My Library.	Optional	
	<b>8.7.4</b>	<b>Genres:</b> Verify user can browse to Genres and sub-genres	Should be able to browse top level Genres and sub-genres.	Required	
	<b>8.7.4.1</b>	<b>Genre/Top Artists:</b> See top level "Top Artists" for description	See top level "Top Artists" for description (Requirement 7.1)	Required	
	<b>8.7.4.2</b>	<b>Genre/Top Albums:</b> See top level "Top Albums" for description	See top level "Top Albums" for description (Requirement 7.2)	Required	
	<b>8.7.4.3</b>	<b>Genre/Top Tracks:</b> See top level "Top Tracks" for description	See top level "Top Tracks" for description (Requirement 7.3)	Required	
	<b>8.7.4.4</b>	<b>Genre/Genre Sampler:</b> Verify user can play Genre Sampler	Genre sampler plays back.	Required	
	<b>8.7.4.4.1</b>	<b>Genre/Genre Sampler:</b> Verify user can add Genre Sampler as a Playlist	User can add Genre Sampler as a Playlist to My Library.	Optional	OEM: Please indicate whether adding genre samplers to library is supported.
	<b>8.7.4.5</b>	<b>Genre/Key Artists:</b> Verify user can browse Key	User should be able to browse Key Artists Listing. Selecting an Artist	Required	

8.7.0 Music Guide		Expected Results:	Required / Optional:	Notes:
	Artists Listing	should go to the Artist Listing.		
8.7.4.5.1	<b>Genre/Key Artists:</b> Verify user can select an Artist	User should be able to select an Artist from Key Artists. Selecting should take the user to the Artist Listing.	Required	
8.7.4.6	<b>Genre/Key Albums:</b> Verify user can browse Key Albums Listing	User should be able to browse Key Albums Listing. Selecting an Album should go to the Album Listing.	Required	
8.7.4.6.1	<b>Genre/Key Albums:</b> Verify user can select an Album to play now (or add to queue if available on device)	User should be able to select an Album from Key Albums. Selecting should take the user to the Album Listing.	Required	OEM: Please indicate whether a play queue is supported on device.
8.7.4.6.2	<b>Genre/Key Albums:</b> Verify user can select an Album to add to their library	User should be able to add the Album to their library.	Optional	
8.7.4.7	<b>Genre/All Artists:</b> Verify user can browse All Artists Listing	User should be able to browse All Artists Listing. Selecting an Artist should go to the Artist Listing.	Required	
8.7.4.7.1	<b>Genre/All Artists:</b> Verify user can select an Artist	User should be able to select an Artist from All Artists. Selecting should take the user to the Artist Listing.	Required	
8.7.4.8	<b>Genre/Subgenres:</b> Browse	User should be able to browse Subgenres Listing.	Required	
8.7.5	<b>New Releases:</b> Verify user can browse through New Releases	User is able to browse through Albums in New releases. Selecting an Album should go to the Album Listing.	Required	
8.7.5.1	<b>New Releases:</b> Verify user can select an Album to play now or add to queue (if available on device)	User should be able to play an Album now (or add it to queue if queue is supported on device).	Required	OEM: Please indicate whether a play queue is supported on device.
8.7.5.2	<b>New Releases:</b> Verify user can select an Album to add to My Library	User should be able to add the Album to My Library.	Optional	
8.7.6	<b>Staff Picks:</b> Verify user can browse through Staff Picks	User is able to browse through Albums in Staff Picks. Selecting an Album should go to the Album Listing.	Required	
8.7.6.1	<b>Staff Picks:</b> Verify user can select an Album to play now (or add to queue if available on device)	User should be able to play an Album now (or add it to queue if queue is supported on device).	Required	OEM: Please indicate whether a play queue is supported on device.
8.7.6.2	<b>Staff Picks:</b> Verify user can select an Album to add to My Library	User should be able to add the Album to My Library.	Optional	
8.7.7	<b>Exclusives:</b> Verify user can browse through	User is able to browse through Albums in Exclusives. Selecting an	Optional	

8.7.0 Music Guide		Expected Results:	Required / Optional:	Notes:
		Exclusives	Album should go to the Album Listing.	
	8.7.7.1	<b>Exclusives:</b> Verify user can select an Album to play now (or add to queue if available on device)	User should be able to play an Album now (or add it to queue if queue is supported on device).	Optional OEM: Please indicate whether a play queue is supported on device.
	8.7.7.2	<b>Exclusives:</b> Verify user can select an Album to add to My Library	User should be able to add the Album to My Library.	Optional
	8.7.8	<b>Just Added:</b> Verify that user is able to browse Just Added	User is able to browse through Albums in Just Added. Selecting an Album should go to the Album Listing.	Optional
	8.7.8.1	<b>Just Added:</b> Verify user can select an Album to play now (or add to queue if available on device)	User should be able to play an Album now (or add it to queue if queue is supported on device).	Optional OEM: Please indicate whether a play queue is supported on device.
	8.7.8.2	<b>Just Added:</b> Verify user can select an Album to add to their library	User should be able to add the Album to their library.	Optional

## 8.8 Rhapsody Channels

8.8.0 Rhapsody Channels		Expected Results	Required / Optional:	Notes:
	8.8.1	<b>All Channels:</b> Verify that user can browse through the displayed list of Channels	User can browse through Channels and play back any channel. User should be able to skip, but not perform repeat or rewind on tracks in Channels.	Required
	8.8.2	<b>All Channels:</b> Verify user can add/remove any Channels to My Channels	My Channels is populated accordingly.	Required
	8.8.3	<b>Top Channels:</b> Verify that user can browse through the Top Channels (if applicable)	User can browse through top Channels and play back any Channel. User can skip a track and should go to next track, still within the same Channel. User can not perform repeat or rewind on Channels.	Optional OEM: Please indicate if the device supports viewing of Top Channels
	8.8.4	<b>Top Channels:</b> Verify user can add/remove any Channels to My Channels (if applicable)	My Channels is populated accordingly.	Required OEM: Please indicate if the device supports viewing of Top Channels
	8.8.5	<b>Pause:</b> Verify that pausing of Channels is disabled	User cannot pause Channel playback. Mute is ok.	Required

## 8.9 Playlists

8.9.0 Playlists		Expected Results	Required / Optional:	Notes:	
	<b>8.9.1</b>	<b>Top Playlists:</b> Verify user can browse/play the Top Playlists	User is able to play any Playlist from Top Playlists.	Optional	
	<b>8.9.1.1</b>	<b>Top Playlists:</b> Verify user can add Playlist to My Library	User is able to add any Playlist to My Library.	Optional	
	<b>8.9.2</b>	<b>Featured Playlists:</b> Verify user can browse/play the Featured Playlists	User is able to play any Playlist from Featured Playlists.	Optional	
	<b>8.9.2.1</b>	<b>Featured Playlists:</b> Verify user can add Playlist to My Library	User is able to add any Playlist to My Library.	Optional	
	<b>8.9.3</b>	<b>Dynamic Playlists:</b> Verify user can browse/play the Dynamic playlists	User is able to play any Playlist from Dynamic Playlists.	Optional	
	<b>8.9.3.1</b>	<b>Dynamic Playlists:</b> Verify user can add Playlist to My Library	User is able to add any Playlist to My Library.	Optional	
	<b>8.9.4</b>	<b>Genre Mixes:</b> Verify user can browse/play the Genre Mix playlists	User is able to play any Playlist from Genre Mixes.	Optional	
	<b>8.9.4.1</b>	<b>Genre Mixes:</b> Verify user can add Playlist to My Library	User is able to add any Playlist to My Library.	Optional	
	<b>8.9.5</b>	<b>Decade Mixes:</b> Verify user can browse/play the Decade Mix playlists	User is able to play any Playlist from Decade Mixes.	Optional	
	<b>8.9.5.1</b>	<b>Decade Mixes:</b> Verify user can add Playlist to My Library	User is able to add any Playlist to My Library.	Optional	
	<b>8.9.6</b>	<b>Single Artist Mixes:</b> Verify user can browse/play the Single Artist Mix playlists	User is able to play any Playlist from Single Artist Mixes.	Optional	
	<b>8.9.6.1</b>	<b>Single Artist Mixes:</b> Verify user can add Playlist to My Library	User is able to add any Playlist to My Library.	Optional	
	<b>8.9.7</b>	<b>Celebrity Picks:</b> Verify user can browse/play the Celebrity Picks playlists	User is able to play any Playlist from Celebrity Picks.	Optional	
	<b>8.9.7.1</b>	<b>Celebrity Picks:</b> Verify user can add Playlist to My Library	User is able to add any Playlist to My Library.	Optional	
	<b>8.9.8</b>	<b>Theme/Holiday Mixes:</b> Verify user can browse/play the Theme/Holiday playlists	User is able to play any Playlist from Theme/Holiday Mixes.	Optional	
	<b>8.9.8.1</b>	<b>Theme/Holiday Mixes:</b> Verify user can add Playlist to My Library	User is able to add any Playlist to My Library.	Optional	
	<b>8.9.9</b>	<b>Label Spotlights:</b> Verify user can browse/play the	User is able to play any Playlist from Label Spotlights.	Optional	

8.9.0 Playlists		Expected Results	Required / Optional:	Notes:
		Label Spotlight playlists		
	8.9.9.1	<b>Label Spotlights:</b> Verify user can add Playlist to My Library	User is able to add any Playlist to My Library. Optional	

## 8.10 My Library

8.10.0 My Library		Expected Results	Required / Optional:	Notes:
	8.10.1	<b>Artists:</b> Verify that user can browse through the Artists section within My Library	- This section should contain all the Artists that user has previously added to their library. - Selection is sorted in alphabetical order. User can scroll to desired Artist by pressing the first letter of the name (if supported by device).	Required OEM: Please indicate whether device supports the ability to scroll to a desired artist by pressing the first letter of the artist name.
	8.10.1.1	<b>Artists:</b> Verify that user can browse Albums for a particular Artist in the Artists section within My Library	Select an Artist. User can browse Albums for a particular Artist.	Required
	8.10.1.2	<b>Artists:</b> Verify that user can go to an Artist Listing	Select an Artist. User can view Artist Listing in Music Guide by selecting an Artist from the library.	Optional
	8.10.1.3	<b>Artists:</b> Verify that user can play any Artist's Album from My Library	User can play now (or add any Artist's album to the queue if queue is supported on the device).	Required OEM: Please indicate whether a play queue is supported on device.
	8.10.1.4	<b>Artists:</b> Verify that user can remove Artists from My Library	Artist should be removed from the selection.	Optional
	8.10.4	<b>Albums:</b> Verify that user can browse through the Albums section within My Library	- This section should contain all the Albums that user has previously added to 'My Library'. - Selection is sorted in alphabetical order. User can scroll to desired Album by pressing the first letter of the name (if supported by device).	Required OEM: Please indicate whether device supports the ability to scroll to a desired artist by pressing the first letter of the artist name.
	8.10.4.1	<b>Albums:</b> Verify that user can go to an Album Listing	Select an Album. User can view Album Listing in Music Guide by selecting an Album from the library.	Optional
	8.10.4.2	<b>Albums:</b> Verify that user can play any Album from My Library	User can play now (or add any Album to the queue if queue is support on the device). User friendly message is displayed for any failed actions.	Required OEM: Please indicate whether a play queue is supported on device.
	8.10.4.3	<b>Albums:</b> Verify that user can remove Albums from My Library	Album should be removed from the selection.	Required

8.10.0 My Library		Expected Results	Required / Optional:	Notes:
	<b>8.10.5</b>	<b>Tracks:</b> Verify that user can browse through the Tracks section within My Library	- This section should contain all the Tracks that user has previously added to My Library. - Selection is sorted in alphabetical order. User can scroll to desired track by pressing the first letter of the name (if supported by device).	Required OEM: Please indicate whether device supports the ability to scroll to a desired artist by pressing the first letter of the artist name.
	<b>8.10.5.1</b>	<b>Tracks:</b> Verify that user can go to an Album Listing	User can view Album Listing in Music Guide by selecting a Track.	Optional
	<b>8.10.5.2</b>	<b>Tracks:</b> Verify that user can play any Track from My Library	User can play back any Track	Required
	<b>8.10.5.3</b>	<b>Tracks:</b> Verify that user can remove any Track from My Library	Tracks should be removed from My Library (user friendly message is displayed for any failed actions).	Required
	<b>8.10.6</b>	<b>Playlists:</b> Verify that user can browse through the Playlists section within My Library	- This section should contain all the Playlists that user has previously added to 'My Library'. - Selection is sorted in alphabetical order. User can scroll to desired track by pressing the first letter of the name (if supported by device).	Required OEM: Please indicate whether device supports the ability to scroll to a desired artist by pressing the first letter of the artist name.
	<b>8.10.6.1</b>	<b>Playlists:</b> Verify that user can play any Playlist from My Library	User can play now (or add any Playlist to the queue if queue is supported on the device).	Required OEM: Please indicate whether a play queue is supported on device.
	<b>8.10.6.2</b>	<b>Playlists:</b> Verify that user can remove any Playlist from My Library	Playlist should be removed from My Library (user friendly message is displayed for any failed actions).	Required
	<b>8.10.7</b>	<b>Channels:</b> Verify that user can browse through the Channels section within My Library	- This section should contain all the Channels that user has previously added to 'My Library'. - Selection is sorted in alphabetical order. User can scroll to desired Channel by pressing the first letter of the name (if supported by device).	Required OEM: Please indicate whether device supports the ability to scroll to a desired artist by pressing the first letter of the artist name.
	<b>8.10.7.1</b>	<b>Channels:</b> Verify that user can play any Channel from My Library	User can play now (or add any Channel to the queue if queue is supported on the device).	Required OEM: Please indicate whether a play queue is supported on device.
	<b>8.10.7.2</b>	<b>Channels:</b> Verify that user can remove any Channel from My Library	Channel should be removed from My Library (user friendly message is displayed for any failed actions).	Required
	<b>8.10.8</b>	<b>Genres:</b> Verify that user can browse through Genres	User can browse through Genres.	Optional
	<b>8.10.8.1</b>	<b>Genres:</b> Verify that user can select any Artist	User can select any artist that falls under a particular Genre. Selecting an Artist goes to the Artist Listing.	Optional

## 8.11 My Rhapsody

8.11.0 My Rhapsody		Expected Results	Required / Optional:	Notes:	
	8.11.1	<b>My Rhapsody Channel</b>	User can play now	Required	If no other optional My Rhapsody features are implemented, My Rhapsody Channel should not be nested under My Rhapsody as a single item
	8.11.2	<b>Albums For You:</b> Verify that user can browse through the Albums For You Listings	- Selection is sorted in alphabetical order. User can scroll to desired Album by pressing the first letter of the name (if supported by device).	Optional	OEM: Please indicate whether device supports the ability to scroll to a desired artist by pressing the first letter of the artist name.
	8.11.2.1	<b>Albums For You:</b> Verify that user can view Album Listing	User can view Album Listing in Music Guide by selecting an Album from the library.	Optional	
	8.11.2.2	<b>Albums For You:</b> Verify that user can play any Album from list	User can play now (or add any Album to the queue if queue is supported on the device). User friendly message is displayed for any failed actions.	Optional	OEM: Please indicate whether a play queue is supported on device.
	8.11.3	<b>Albums For You:</b> Verify that user can add any Albums to My Library	Album should be added to My Library (user friendly message is displayed for any failed actions).	Optional	
	8.11.4	<b>My Dynamic Playlists</b>	User can play now	Optional	
	8.11.5	<b>Suggested Channels:</b> Verify that user can browse through the Suggested Channels Listings	- Selection is sorted in alphabetical order. User can scroll to desired Channel by pressing the first letter of the name (if supported by device).	Optional	OEM: Please indicate whether device supports the ability to scroll to a desired artist by pressing the first letter of the artist name.
	8.11.5.1	<b>Suggested Channels:</b> Verify that user can play any Channel from My Library	User can play now (or add any Suggested Channel to the queue if queue is supported on the device).	Optional	OEM: Please indicate whether a play queue is supported on device.
	8.11.5.2	<b>Suggested Channels:</b> Verify that user can add any Suggested Channel to My Library	Channel should be added to My Library (user friendly message is displayed for any failed actions).	Optional	
	8.11.6	<b>Suggested Playlists:</b> Verify that user can browse through the Suggested Playlists Listing	Selection is sorted in alphabetical order. User can scroll to desired track by pressing the first letter of the name (if supported by device).	Optional	OEM: Please indicate whether device supports the ability to scroll to a desired artist by pressing the first letter of the artist name.
	8.11.6.1	<b>Suggested Playlists:</b> Verify that user can play any Suggested Playlist	User can play now (or add to the queue if queue is supported on the device).	Optional	OEM: Please indicate whether a play queue is supported on device.
	8.11.6.2	<b>Suggested Playlists:</b> Verify that user can add any Suggested Playlist to My Library	Playlist should be added to My Library (user friendly message is displayed for any failed actions).	Optional	
	8.11.7	<b>Recent Play History</b>	User can play now	Optional	
	8.11.8	<b>Recent Channels</b>	User can play now	Optional	
	8.11.9	<b>Recent Search Queries</b>	User can play now	Optional	

## 8.12 Playback

8.12.0 Playback:		Expected Results	Required / Optional:	Notes:	
	<b>8.12.1</b>	<b>Playback/Repeat:</b> Using a track/album/playlist, set the device for repeat	Device should play each track in list, then continue repeating.	Required	
	<b>8.12.2</b>	<b>Playback/Shuffle:</b> Using a playlist, set device for shuffle	Device should play each track, in a shuffled order, then stop.	Required	
	<b>8.12.3</b>	<b>Playback Controls:</b> Able to play/pause/rewind/forward of tracks using a remote controller or hand-held controller (as applicable)	User should be able to play/pause/rewind/forward tracks using playback controls.	Required	<p>- Some devices may provide dedicated playback controls (e.g., play, pause, rewind, forward, etc.). This case is to test that these playback controls work as intended.</p> <p>- OEM: Please indicate whether playback controls are supported and identify which ones (e.g., play, pause, rewind, forward, seek rewind, seek forward)</p>
	<b>8.12.3.1</b>	<b>Playback Controls:</b> Able to seek forward/seek rewind of tracks using a remote controller or hand-held controller (as applicable)	User should be able to seek forward and seek rewind.	Optional	<p>- Some devices may provide dedicated playback controls (e.g., play, pause, rewind, forward, etc.). This case is to test that these playback controls work as intended.</p> <p>- OEM: Please indicate whether playback controls are supported and identify which ones (e.g., play, pause, rewind, forward, seek rewind, seek forward)</p>
	<b>8.12.4</b>	<b>Playback of any Channel:</b> Verify should not be able to pause playback of channel	User should not be able to pause channel playback.	Required	
	<b>8.12.4.1</b>	<b>Playback of any Channel:</b> Skip during playback	Play a Rhapsody Channel then Skip a Track. Should go to next Track in the Rhapsody Channel.	Required	
	<b>8.12.4.2</b>	<b>Playback of any Channel:</b> Verify should not be able to perform repeat or rewind of tracks in Channels	User should not be able to repeat, replay, or rewind.	Required	
	<b>8.12.4.3</b>	<b>Playback of any Channel:</b> Skip Limit	Device should display user friendly message in the event the number of skip limit is reached	Required	

8.12.0 Playback:		Expected Results	Required / Optional:	Notes:	
	8.12.5	<b>Playback of a Playlist:</b> Play a playlist	Should begin playback, and proceed through each track in list, then stop.	Required	
	8.12.6	<b>Metadata:</b> Metadata should be displayed on devices during playback	Metadata is displayed.  Metadata: Artist Name, Album Name, Album art (if supported), Track Name	Required	
	8.12.7	<b>View Artist In Music Guide</b>	User should be able to view the Artist listing of the currently playing Track	Optional	
	8.12.7.1	<b>View Album In Music Guide</b>	User should be able to view the Album listing of the currently playing Track	Optional	
	8.12.7.2	<b>View Track In Music Guide</b>	User should be able to view the Album listing of the currently playing Track	Optional	
	8.12.8	<b>Add Album to My Library</b>	User should be able to add Album to My Library	Required	
	8.12.8.1	<b>Add Track to My Library</b>	User should be able to add Track to My Library	Required	
	8.12.9	<b>View Now Playing queue</b>	User should be able to view the queue of upcoming Tracks	Optional	
	8.12.1	<b>Display Next Track</b>	User should be able to see next Track to be played	Optional	
	8.12.11	<b>View Artist Blurb</b>	User should be able to see rotating Artist blurb/factoid	Optional	
	8.12.12	<b>Rating:</b> User is able to rate Track that is playing	Track is rated per user's input.	Optional	

## 8.13 Artist Listing

8.13.0 Artist Listing:		Expected Results	Required / Optional:	Notes:	
	8.13.1	<b>All Albums:</b> Verify user can browse All Albums Listing	User should be able to browse All Albums Listing.	Required	
	8.13.1.1	<b>All Albums:</b> Verify user can select an Album to play now (or add to queue if available on device)	User should be able to play an Album now (or add it to queue if queue is supported on device)	Required	OEM: Please indicate whether a play queue is supported on device.
	8.13.1.2	<b>All Albums:</b> Verify user can select an Album to add to My Library	User should be able to add the Album to My Library.	Optional	
	8.13.2	<b>Top Albums:</b> Verify user can browse Artist's Top Albums Chart	User should be able to browse Artist's top Albums chart and see number ranking next to each Album.	Optional	
	8.13.2.1	<b>Top Albums:</b> Verify user can select an	User should be able to play an Album now (or add it to queue if	Optional	OEM: Please indicate whether a play queue is

8.13.0 Artist Listing:		Expected Results	Required / Optional:	Notes:
		Album to play now (or add to queue if available on device)	queue is supported on device).	supported on device.
8.13.2.2	<b>Top Albums:</b> Verify user can select an Album to add to their library	User should be able to add the Album to their library.	Required	
8.13.3	<b>Top Tracks:</b> Verify user can browse Artist's Top Tracks Chart	User should be able to browse Artist's top Tracks chart and see number ranking next to each Track.	Required	
8.13.3.1	<b>Top Tracks:</b> Verify user can select a Track to play now (or add to queue if available on device)	User should be able to play a Track now (or add it to queue if queue is supported on device).	Required	OEM: Please indicate whether a play queue is supported on device.
8.13.3.2	<b>Top Tracks:</b> Verify user can select a Track to add to My Library	User should be able to add the Track to My Library.	Required	
8.13.4	<b>Top Playlists:</b> Verify user can browse Top Playlists that feature Artist	User should be able to browse Playlists	Optional	
8.13.4.1	<b>Top Playlists:</b> Verify user can select a Playlist to play now (or add to queue if available on device)	User should be able to play a Playlist now (or add it to queue if queue is supported on device).	Optional	OEM: Please indicate whether a play queue is supported on device.
8.13.4.2	<b>Top Playlists:</b> Verify user can select a Playlist to add to My Library	User should be able to add the Playlist to My Library.	Optional	
8.13.5	<b>Artist Sampler:</b> Verify user can see Artists Sampler	Artists Sampler is visible.	Required	
8.13.5.1	<b>Artist Sampler:</b> Verify user can play Artist Sampler now (or add to queue if available on device).	User should be able to play Artists Sampler now (or add it to queue if queue is supported on device).	Required	OEM: Please indicate whether a play queue is supported on device.
8.13.5.2	<b>Artist Sampler:</b> Verify user can add Artist Sampler to My Library	User can add Artist sampler as a playlist to their library.	Required	OEM: Please indicate whether adding genre samplers to library is supported.
8.13.6	<b>New Releases:</b> Verify user can browse New Releases Albums Listing	User should be able to browse New Releases Albums Listing.	Optional	
8.13.6.1	<b>New Releases:</b> Verify user can select an Album to play now (or add to queue if available on device)	User should be able to play an Album now (or add it to queue if queue is supported on device).	Optional	OEM: Please indicate whether a play queue is supported on device.

8.13.0 Artist Listing:		Expected Results	Required / Optional:	Notes:	
	<b>8.13.6.2</b>	<b>New Releases:</b> Verify user can select an Album to add to My Library.	User should be able to add the Album to My Library.	Optional	
	<b>8.13.7</b>	<b>Artist Channel:</b> Play Artist Channel	User can play Artist Channel now.	Required	
	<b>8.13.7.1</b>	<b>Artist Channel:</b> Add to My Library	User can add Artist Channel to My Library.	Required	
	<b>8.13.8</b>	<b>Similar Artists:</b> Able to browse similar artists (Influenced by, Contemporaries, Followers, and Related Projects)	User is able to browse similar artists (Influenced by, Contemporaries, Followers, and Related Projects).	Optional	
	<b>8.13.8.1</b>	<b>Similar Artists:</b> Able to select similar artists (e.g., contemporaries, influencers, and followers)	User is able to select similar artists (Influenced by, Contemporaries and Followers). Selecting an Artist takes the user to the Artist Listing.	Optional	
	<b>8.13.9</b>	<b>Rating:</b> User is able to rate the Artist	Artist is rated per user's input.	Optional	
	<b>8.13.10</b>	<b>Artist image/photo</b>	Artist's photo should appear	Optional	

## 8.14 Album Listing

8.14.0 Album Listing:		Expected Results	Required / Optional:	Notes:	
	<b>8.14.1</b>	<b>Album:</b> Play now	User should be able to play an Album now (or add it to queue if queue is supported on device).	Required	OEM: Please indicate whether a play queue is supported on device.
	<b>8.14.1.1</b>	<b>Album:</b> Add to My Library	User should be able to add the Album to their library.	Required	
	<b>8.14.1.2</b>	<b>Album:</b> Rate Album	User is able to rate Album.	Optional	
	<b>8.14.2</b>	<b>List of Album Tracks:</b> Browse list of tracks	User is able to browse Album Tracks.	Required	
	<b>8.14.2.1</b>	<b>List of Album Tracks:</b> Play now	User should be able to play a Track now (or add it to queue if queue is supported on device).	Required	OEM: Please indicate whether a play queue is supported on device.
	<b>8.14.2.2</b>	<b>List of Album Tracks:</b> Add to My Library	User is able to add a Track to My Library.	Required	
	<b>8.14.2.3</b>	<b>List of Album Tracks:</b> Rate Track	User is able to rate a Track.	Optional	
	<b>8.14.2.4</b>	<b>Album:</b> View Album art	Album cover art/image is displayed	Optional	

## 9 PRICING

The program offers all device manufacturers:

- One full time, Senior-level resource allocated to the program
- Additional resource on an “as needed” basis to minimize scheduling time
- Submission time within one week of call request from device manufacturer
- A secured, online system database allowing the device manufacturer to check status of submission, real-time.
- Call support for questions, problem information requests, etc. from ISVs
- Exception handling issues handled immediately during test cycle

### **Rhapsody Direct Device Certification Test (all Rhapsody Direct devices): \$1,725**

#### Important Notes

The majority of the testing will be performed during the first day of the test cycle. If numerous problems have been found thus inhibiting the completion of testing by the end of the first day, testing will be stopped and a **resubmission** of your Rhapsody Direct device or device driver (with the problems fixed and all requirements re-tested) will be necessary to achieve the logo. Contact Intertek if the device requires a software installation to be functional.

The cost of the submission includes the regression testing of any problems documented resulting from the testing of the initial submission. Regression testing is limited to those problems documented by the Intertek test engineers. Intertek will only regress problems that have been marked as fixed by the developer in the AWS database.

Intertek accept check, cashier’s check, or wire transfer.

Intertek accept check, cashier’s check, or wire transfer.

Make checks payable to **Intertek Testing Services NA, Inc.**

Send it to:

Intertek  
Rhapsody Real Networks Program  
450 Main Street Suite 207  
Pleasanton, CA 94566

For Quality Partner’s wire transfer banking information, please contact us via email at [realnetworks@Intertek.com](mailto:realnetworks@Intertek.com)

#### **Late or No Show Submission Penalty Fee:**

All submission items must be received prior to the scheduled test date. If Intertek is not notified by the device manufacturer regarding a change of date or cancellation prior to the original planned submission start date, and if Intertek has not received the complete submission package by 8:00 AM Pacific Time of the planned start date, a \$300 penalty fee may apply and the device will automatically be rescheduled for the next available test window. No testing will begin until the penalty fee and the submission charge are paid in full.

## 10 HARDWARE REVISION HANDLING

### Device Revision

The “Rhapsody Ready” logo only applies to the device manufacturer’s Rhapsody Direct product **version** (1) that has passed the Intertek’ Rhapsody Ready tests, and (2) for which Real Networks, Inc. has authorized the use of a "Rhapsody Ready".

If a new version of the Rhapsody Direct manufacturer’s Rhapsody Direct product becomes available, which includes major feature changes or additions, the Rhapsody Direct device **must** be resubmitted and pass the compliance tests for the use of the “Rhapsody Ready” logo.

## 11 TESTING AGREEMENT

All first time participants in the program must sign a **Vendor Hardware Testing Legal Agreement**. Once your company has a **Vendor Hardware Testing Legal Agreement** on file with Intertek, future portable device certification testing will require product Addendum only to be signed. Other required form is Questionnaire. All the above required legal forms and Questionnaire form can be found on:

<http://intertek.com/wireless-mobile/applications-and-content/realnetworks-rhapsody/>

Please fax the forms to:

(925) 484-2631