

OEM Integration Manual Guidance – KDB 996369 D03 Section 2

Clear and Specific Instructions Describing the Conditions, Limitations, and Procedures for third-parties to use and/or integrate the module into a host device.

Requirement	
<p>Is this module intended for sale to third parties?</p>	<p align="right"><input type="checkbox"/> - No,</p> <p>If No, and LMA applies, the applicant can optionally choose to not make the following detailed info public. However there still needs to be basic integration instructions for a users manual and the information below must still be included in the operational description. <u>If the applicant wishes to keep this info confidential, this will require a separate statement cover letter explaining the module is not for sale to third parties and that integration instructions are internal confidential documents.</u></p> <p align="center"><input checked="" type="checkbox"/> - YES</p>
<p align="center">Items required to be in the manual – See KDB 996369 D03, Section 2</p> <p>As of May 1, 2019, the FCC requires ALL the following information to be in the installation manual. Modular transmitter applicants should include information in their instructions for all these items indicating clearly when they are not applicable. For example information on trace antenna design could indicate “Not Applicable”. Also if a module is limited to only a grantees own products and not intended for sale to third parties, the user instructions may not need to be detailed and the following items can be placed in the operational description, but this should include a cover letter as cited above.</p>	
<p>1. List of applicable FCC rules. KDB 996369 D03, Section 2.2</p> <p style="margin-left: 20px;">a. Only list rules related to the transmitter.</p>	<p><input checked="" type="checkbox"/> - All Items shown to the left are provided in the Modular Integration Guide (or UM) for Full Modular Approval (MA) or LMA.</p> <p><input type="checkbox"/> - An LMA applies and is approved <u>ONLY for use by the grantee in their own products</u>, and not intended for sale to 3rd parties as provided in a separate cover letter. Therefore the information shown to the left is found in the theory of operation.</p>
<p>2. Summarize the specific operational use conditions. KDB 996369 D03, Section 2.3</p> <p style="margin-left: 20px;">a. Conditions such as limits on antennas, cable loss, reduction of power for point to point systems, professional installation info</p>	
<p>3. Limited Module Procedures. KDB 996369 D03, Section 2.4</p> <p style="margin-left: 20px;">a. Describe alternative means that the grantee uses to verify the host meets the necessary limiting conditions</p> <p style="margin-left: 20px;">b. When RF exposure evaluation is necessary, state how control will be maintained such that compliance is ensured, such as Class II for new hosts, etc.</p>	
<p>4. Trace antenna designs. KDB 996369 D03, Section 2.5</p> <p style="margin-left: 20px;">a. Layout of trace design, parts list, antenna, connectors, isolation requirements, tests for design verification, and production test procedures for ensuring compliance. If confidential, the method used to keep confidential must be identified and information provided in the operational description.</p>	
<p>5. RF exposure considerations. KDB 996369 D03, Section 2.6</p> <p style="margin-left: 20px;">a. Clearly and explicitly state conditions that allow host manufacturers to use the module. Two types of instructions are necessary: first to the host manufacturer to define conditions (mobile, portable – xx cm from body) and second additional text needed to be provided to the end user in the host product manuals.</p>	
<p>6. Antennas. KDB 996369 D03, Section 2.7</p> <p style="margin-left: 20px;">a. List of antennas included in the application and all applicable professional installer instructions when applicable. The antenna list shall also identify the antenna types (monopole, PIFA, dipole, etc – note that “omni-directional” is not considered a type)</p>	
<p>7. Label and compliance information. KDB 996369 D03, Section 2.8</p> <p style="margin-left: 20px;">a. Advice to host integrators that they need to provide a physical or e-label stating “Contains FCC ID: N7NHL78C” with their finished product</p>	
<p>8. Information on test modes and additional testing requirements. KDB 996369 D03, Section 2.9</p> <p style="margin-left: 20px;">a. Test modes that should be taken into consideration by host integrators including clarifications necessary for stand-alone and simultaneous configurations.</p> <p style="margin-left: 20px;">b. Provide information on how to configure test modes for evaluation</p>	
<p>9. Additional testing, Part 15 Subpart B disclaimer. KDB 996369 D03, Section 2.10</p>	

Sincerely,

By: DIRECTOR, CERTIFICATION
(Signature/Title¹)

Denis Chabot

DENIS CHABOT
(Print name)

¹ - Must be signed by applicant contact given for applicant on the FCC site, or by the authorized agent if an appropriate authorized agent letter has been provided. Letters should be placed on appropriate letterhead.