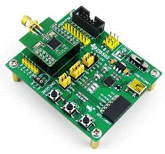
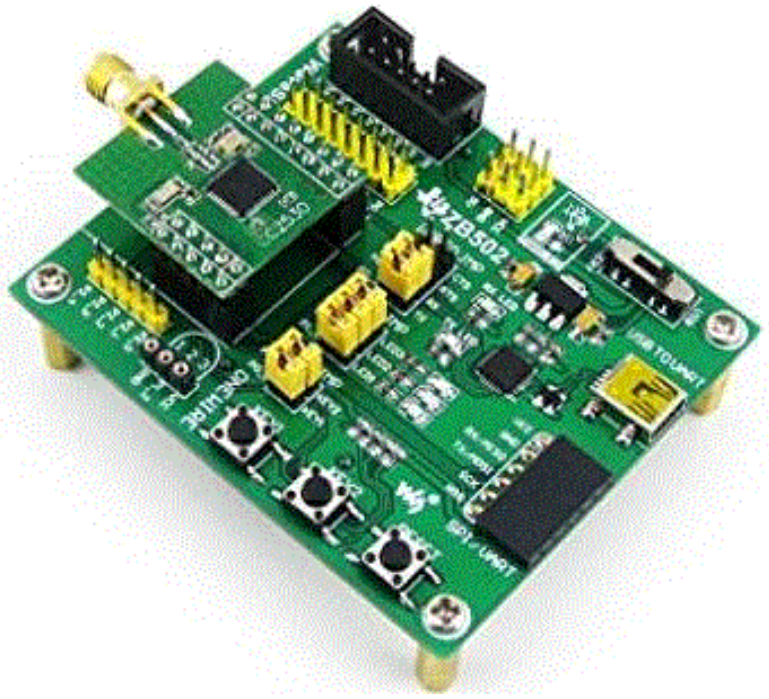


Dell Inc KDB 996369 D03 OEM Module Instructions

Contents

Dell Inc KDB 996369 D03 OEM Module



Product Information

This device complies with Part 15 of the FCC Rules, which ensures that it meets the standards set by the Federal Communication Commission. It is designed to operate without causing harmful interference and is capable of accepting any interference it receives, even if it may cause undesired operation. Please note that any changes or modifications not approved by the responsible party could void the user's authority to operate this equipment. Additionally, this transmitter should not be co-located or used simultaneously with any other antenna or transmitter.

Product Usage Instructions

When using this portable device, please follow these guidelines:

1. If you experience interference, try reorienting or relocating the receiving antenna.
2. Increasing the separation between the equipment and the receiver can help reduce interference.
3. Ensure that the equipment is connected to an outlet on a different circuit than the receiver.
4. If you require assistance, consult the dealer or an experienced radio/TV technician.

By adhering to these guidelines, you can optimize the performance of your device and minimize any potential interference issues.

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FOR PORTABLE DEVICE USAGE

(<20m from body/SAR needed) Radiation Exposure Statement:
The product complies with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. Further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such a function is available.
This module is intended for OEM integrators only. Per FCC KDB 996369 D03 OEM Manual v01 guidance, the following conditions must be strictly followed when using this certified module:

KDB 996369 D03 OEM Manual v01 rule sections:
List of applicable FCC rules
This module has been tested for compliance to FCC Part 15

Summarize the specific operational use conditions
The module is tested for standalone mobile RF exposure use conditions. Any other usage conditions such as co-location with other transmitter(s) or being used in a portable condition will need a separate reassessment through a class II permissive change application or new certification.

Limited module procedures

- The EUT was tested inside a specific platform (Brand: DELL; Model: P178G) and limited modular approval for this specific platform.

Trace antenna designs

- Not applicable.

RF exposure considerations
This equipment complies with FCC mobile radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body. If the module is installed in a portable host, a separate SAR evaluation is required to confirm compliance with relevant FCC portable RF exposure rules.

Antennas
The following antennas have been certified for use with this module; antennas of the same type with equal or lower gain may also be used with this module. The antenna must be installed such that 20 cm can be maintained between the antenna and users.

Antenna Type	Loop antenna

Label and compliance information

- The final end product must be labeled in a visible area with the following: “Contains FCC ID: E2K-DWRFID2201”. The grantee’s FCC ID can be used only when all FCC compliance requirements are met.

Information on test modes and additional testing requirements

- This transmitter is tested in a standalone mobile RF exposure condition and any co-located or simultaneous transmission with other transmitter(s) or portable use will require a separate class II permissive change re-evaluation or new certification.

Additional testing, Part 15 Subpart B disclaimer

- This transmitter module is tested as a subsystem and its certification does not cover the FCC Part 15 Subpart B (unintentional radiator) rule requirement applicable to the final host. The final host will still need to be reassessed for compliance to this portion of rule requirements if applicable.

As long as all conditions above are met, further transmitter tests will not be required. However, the OEM integrator is still responsible for testing their end product for any additional compliance requirements required with this module installed.

IMPORTANT NOTE: In the event that these conditions can not be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered valid and the FCC ID can not be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

Manual Information To the End User

- The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user’s manual of the end product that integrates this module.
- The end user manual shall include all required regulatory information/warnings as shown in this manual.

OEM/Host manufacturer responsibilities

OEM/Host manufacturers are ultimately responsible for the compliance of the Host and Module. The final product must be reassessed against all the essential requirements of the FCC rule such as FCC Part 15 Subpart B before it can be placed on the US market. This includes reassessing the transmitter module for compliance with the Radio and EMF essential requirements of the FCC rules. This module must not be incorporated into any other device or system without retesting for compliance as multi-radio and combined equipment

Documents / Resources

	**Dell Inc KDB 996369 D03 OEM Module** [pdf] Instructions E2K-DWRFID2201, E2KDWRFID2201, KDB 996369 D03KDB 996369 D03 OEM Module, OEM Module, Module