

Integration instructions for host product manufacturers according to KDB 996369 D03 OEM Manual v01

General

Sections 2.2 through 2.10 of KDB 996369 D03 describe the items that must be provided in the integration instructions for host product manufacturers (e.g., OEM instruction manual) to use when integrating a module in a host product.

2.2 List of applicable FCC / ISED rules

FCC:

47 CFR Part 15, Subpart C, Intentional radiators:
§§ 15.207/209/225

ISED:

Industry Canada RSS-210, Licence-exempt Radio Apparatus:
Category I Equipment

2.3 Specific operational use conditions

The 13.56 MHz RFID System is exclusively for use by the grantee in its own products (Ivoclar Vivadent). The module called TS-ModIV consists of an electronic (TS-HRW390-1437) and two antennas (TS-AH20-1854) mounted on a panel made from plastic.

2.4 Limited module procedures

Ivoclar Vivadent must control the host environment and is responsible for the sufficient manufacturing because no user manual for the module exists.

2.5 Trace antenna designs

Not applicable. The module brings its own antenna TS-AH20-1854.

2.6 RF exposure considerations

The RF exposure was tested for mobile equipment:

Maximum electric field [V/m @ 20cm]	1.0
Maximum magnetic field [A/m @ 20 cm]	0.008

The distance to the user must be at least 20 centimeters. The installation of the module is restricted to devices from Ivoclar Vivadent so Ivoclar Vivadent has control over all relevant conditions.

2.7 Antennas

TS-AH20-1854 (pcb-antenna) is the only suitable antenna. The mounting must be identical to the configuration as in the approval documents stated.

2.8 Label and compliance information

Although the module has its own label, the host additionally need to provide a physical or e-label stating "Contains FCC ID" with their finished product. See Guidelines for Labeling and User Information for RF Devices – KDB Publication 784748.

2.9 Information on test modes and additional testing requirements

No test mode exist. If necessary, the host must send or read as often as needed to perform tests.

2.10 Additional testing, Part 15 Subpart B disclaimer requirements

The modular transmitter is only FCC authorized for the specific rule parts listed on the grant. We, the host product manufacturer, is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification. The final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed.