KNX RF Multi USB interface

3-0003-006

RF standard and ETS version:
RF Ready (KNX RF1.R) in ETS5 or ETS6
RF Multi (KNX RF1.M) from ETS6.1.1

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Description

The KNX RF Multi USB interface enables access to KNX via radio transmission.
It can be used to address, program and diagnose KNX RF devices with a Windows-based PC.
The KNX standards RF Ready and RF Multi are supported.
KNX-certified ETS software is used to commission the device.
The ETS version depends on the radio standard used.

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Commissioning

The KNX RF Multi USB interface can be configured by anyone with sound KNX specialist knowledge and experience with the ETS. We recommend that configuration is done by a system integrator.

Connecting to a PC

1. Remove the protective cap and insert the KNX RF Multi USB interface into a free USB port on the PC (switched on).

   As soon as the device is inserted, the standard Windows drivers required for operation will be installed or enabled. Internet access may be required for driver installation.

2. Depending on the ETS version and radio standard used, open the ETS5 or ETS6 and start the setup:

   - “Setting up the device in the ETS5”, p. 3
   - “Setting up the device in the ETS6”, p. 6

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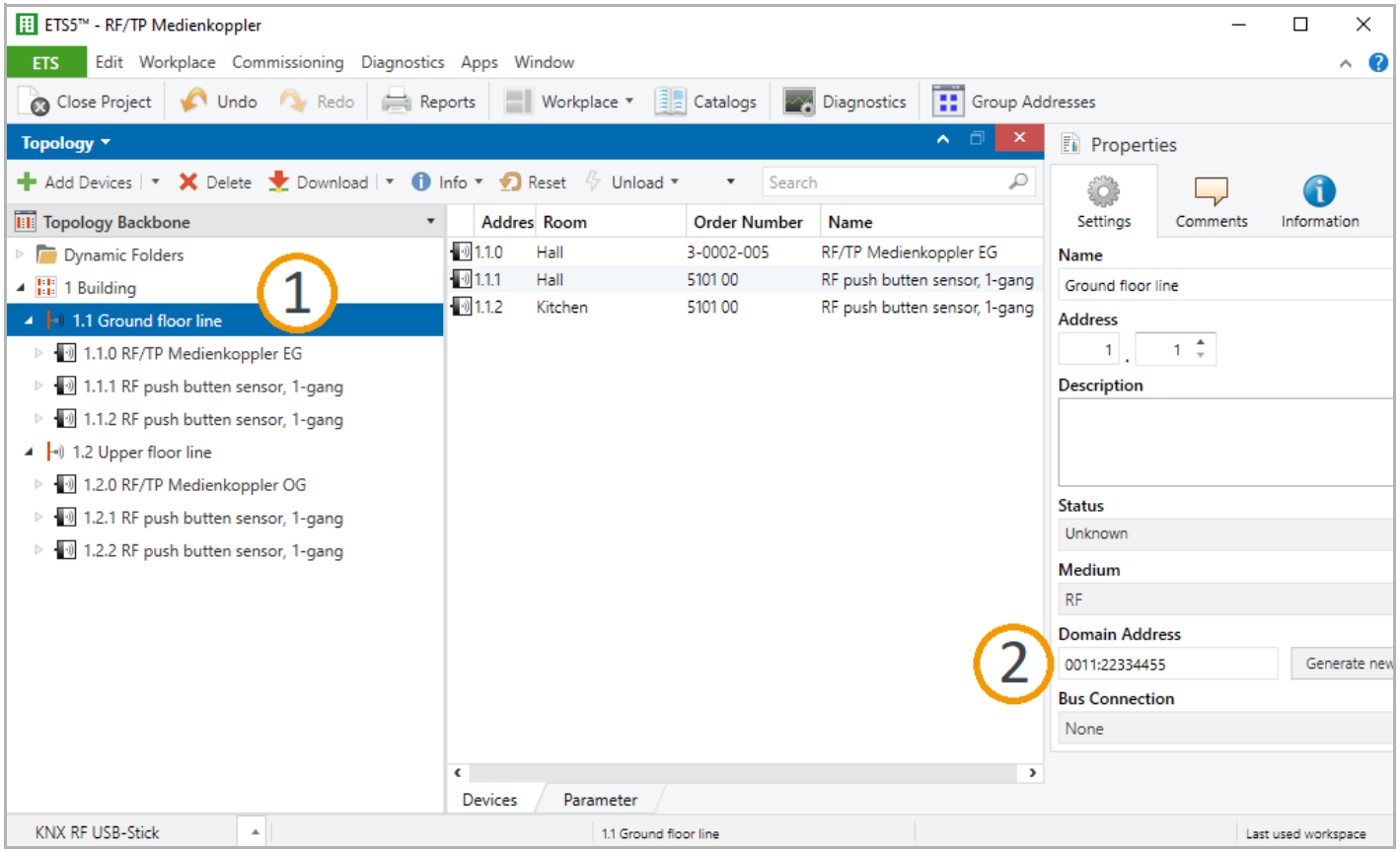
Setting up the device in the ETS5

Setting up the topology



1. Create your RF project in the ETS5 and build the topology for the KNX installation (see screenshot for example).
2. Assign a separate domain address for each RF line.

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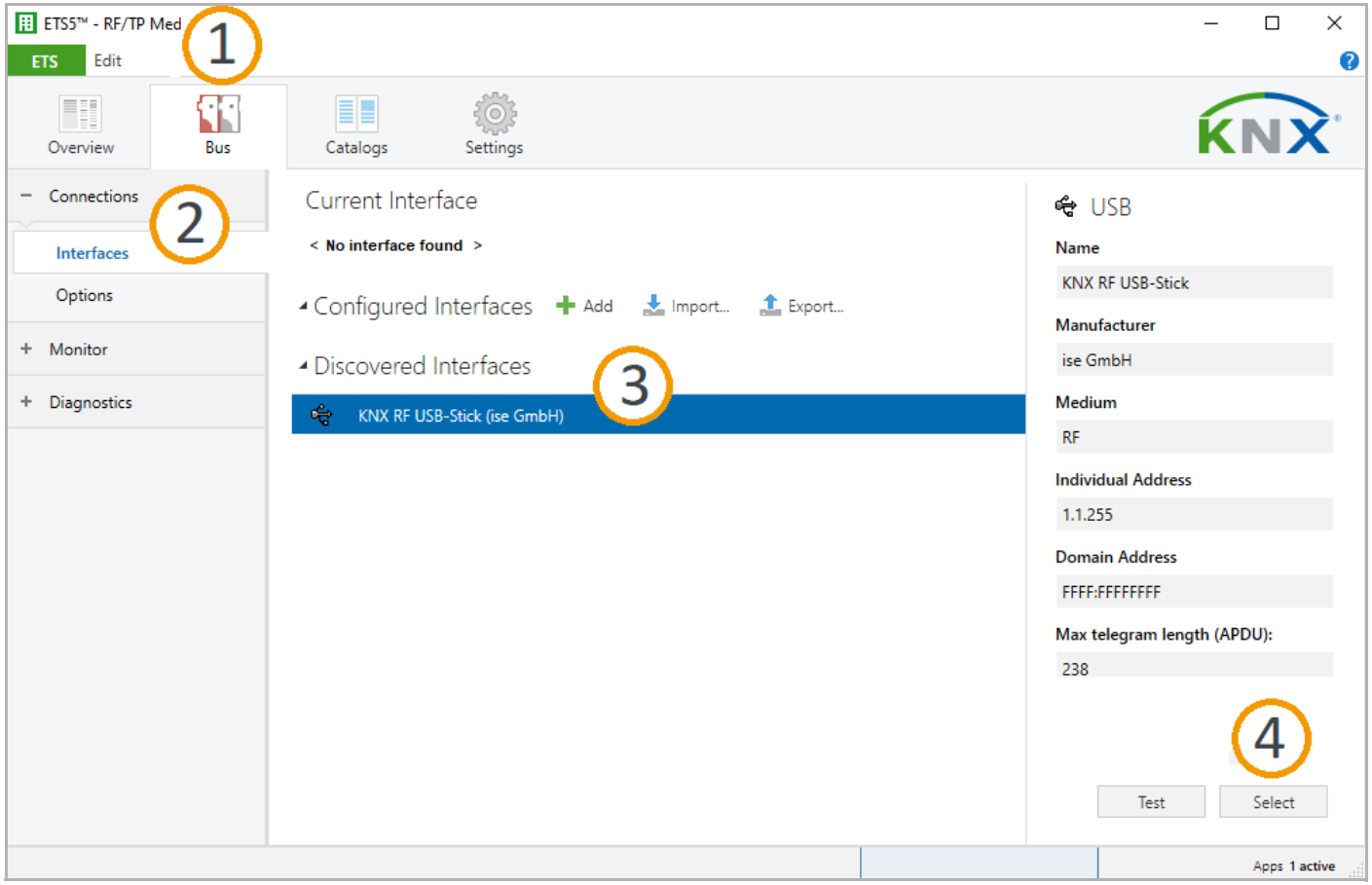
Select KNX RF Multi USB interface



1. Open the <<Bus>> tab in the ETS5.
2. Under <<Connections>>, open the <<Interfaces>> tab.
3. Under <<Discovered interfaces>>, click on KNX RF Multi USB interface.
4. Click on the << Select>> button.

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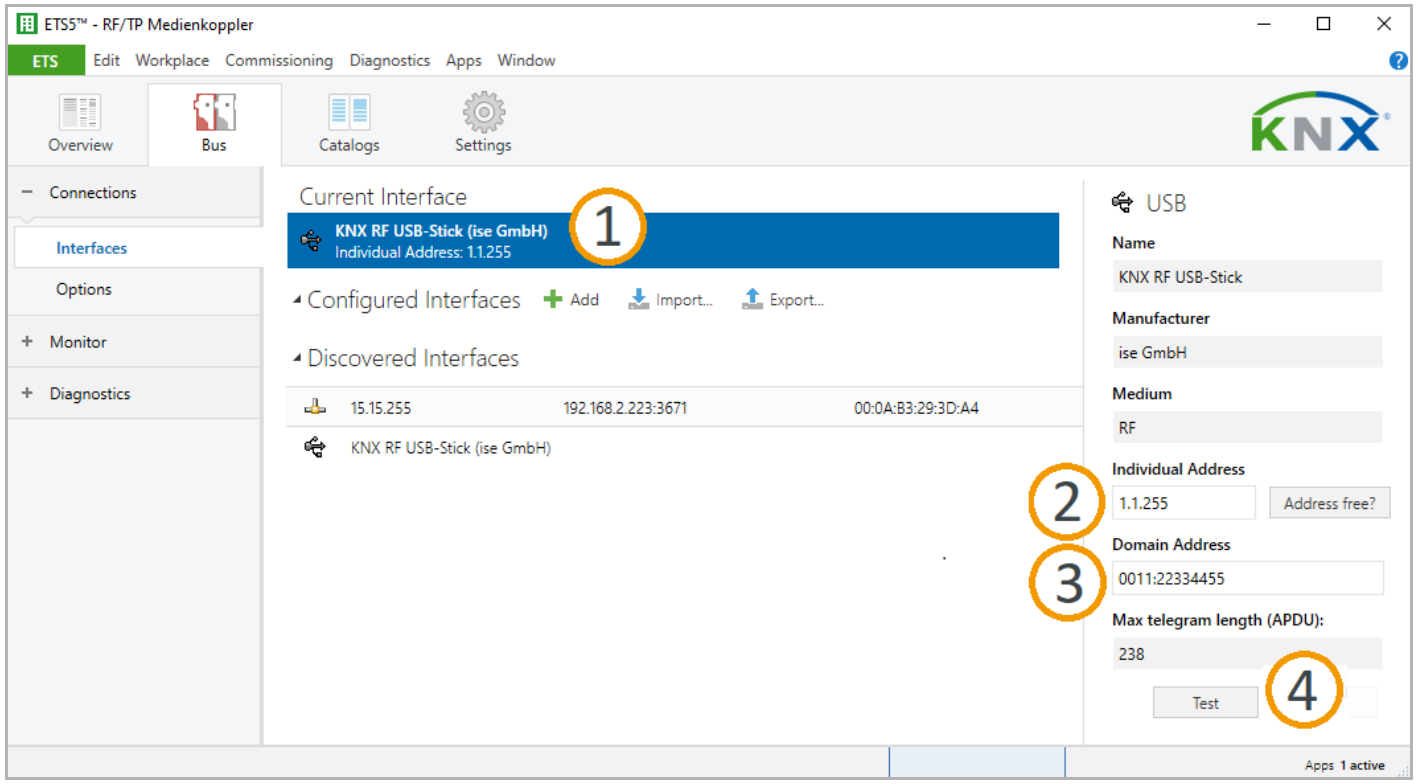
Assign individual address and domain address



1. Under <<Current interface>>, click on KNX RF Multi USB interface.
2. Assign a individual address. This must match the RF line address and may not be assigned elsewhere.
3. Enter the domain address of the RF line that you want to program (e.g.: 0011:22334455).
4. Click on <<Test>> to check operational readiness.

   The KNX RF Multi USB interface is now ready for operation.

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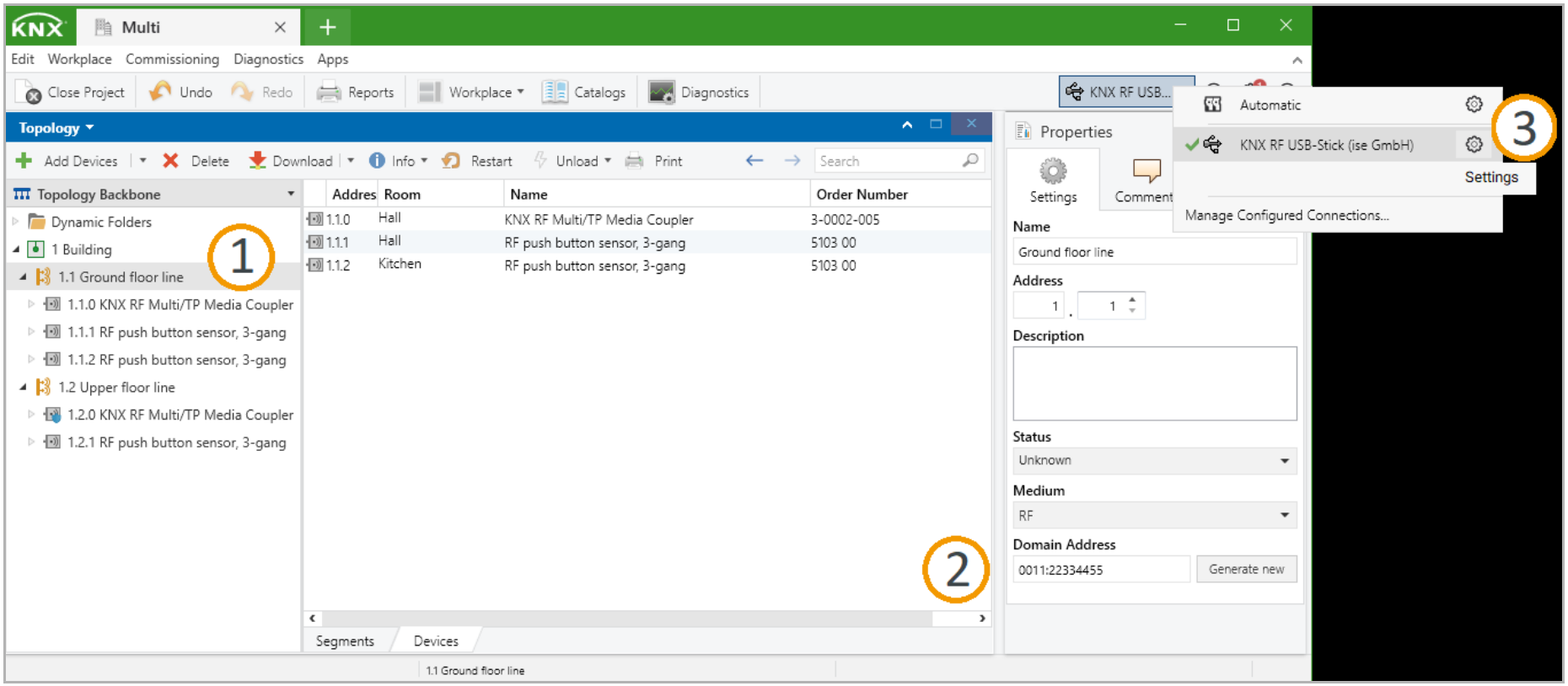
Setting up the device in the ETS6

Setting up the topology



1. Create your RF project in the ETS6 and build the topology for the KNX installation (see screenshot for example).
2. Assign a separate domain address for each RF line.
3. Open the <<Bus interface>> tab and click on the cogwheel icon beside the KNX RF Multi USB interface.

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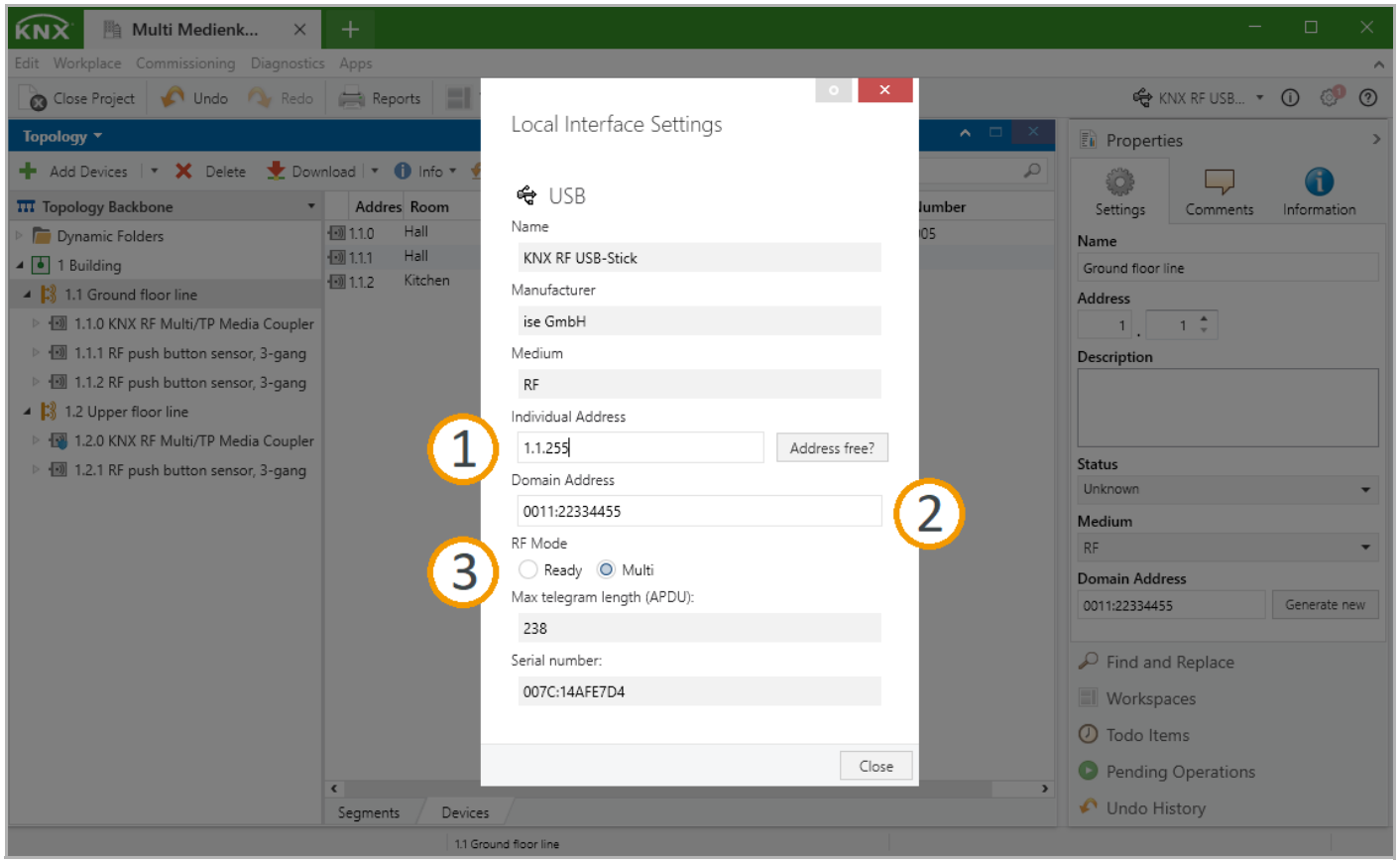
Assign individual address and domain address



1. Assign a individual address. This must match the RF line address and may not be assigned elsewhere.
2. Enter the domain address of the RF line that you want to program (e.g.: 0011:22334455).
3. Select the RF mode to match your KNX installation.

   The KNX RF Multi USB interface is now ready for operation.

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