KATHREIN
Automotive

Functional Description

of

testsetup (RKE213E1)

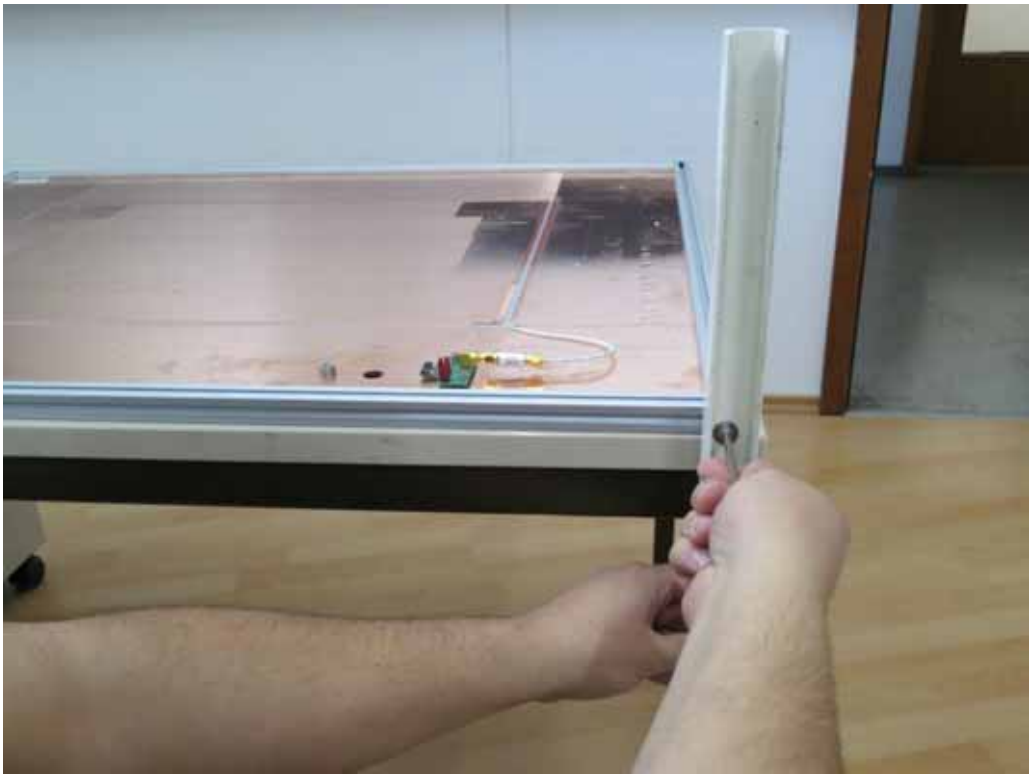
Taiwan

1 Scope of delivery

1	RKE-Screenantenna
1	RKE213 Testbox with data-cable
1	RKE-Key
1	RKE_Sample_Application-Mode
1	RKE_Sample_CW-mode_CH1 (433,47 MHz)
1	RKE_Sample_CW-mode_CH2 (434,37 MHz)
1	RKE_Sample_CW-mode_CH3 (433,92 MHz)

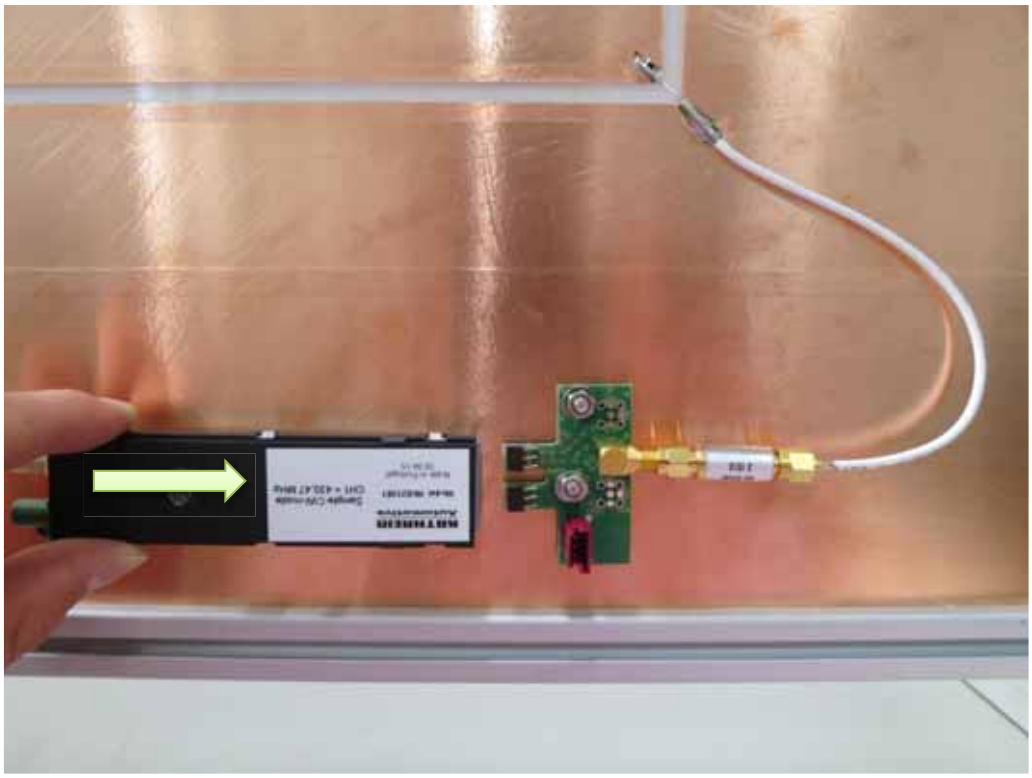
2 Assembly instruction – Screenantenna

Screenantenna as-delivered



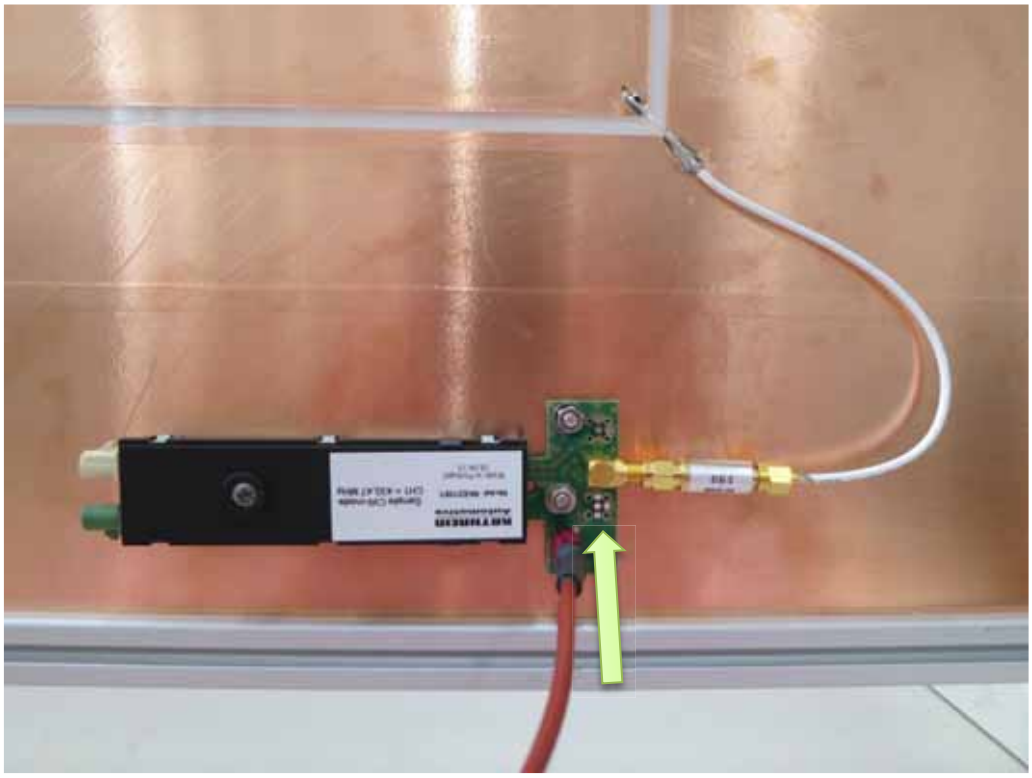
Assemble the pedestal (screws are implemented on the antenna-frame)

3 Assembly instruction - Testsetup

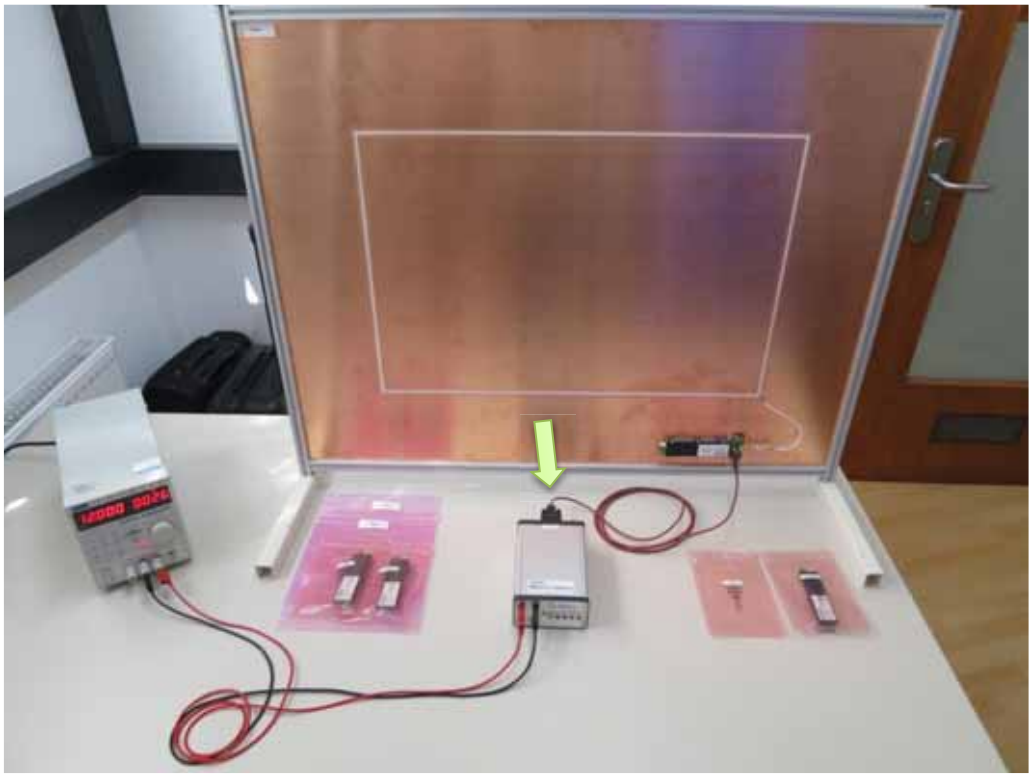


Plug the RKE-sample (CW- or Application-sample) to the antenna-interface

Tighten the mounting-screw



Plug the data-cable in the antenna-interface



Connect the data-cable with the RKE-Testbox (DATA I/O)
Supply the RKE-Testbox with +12 Volt
(**+12V** | **GND** | Current consumption < 100 mA)

4 Testing: CW-mode

Take care: Works only with CW-sample on Testsetup!

Press „RESET“ before every measurement
CW-mode: no LED is burning

5 Testing: polling-mode (Receiving-mode)

Take care: Works only with Application-sample on Testsetup!

Press „RESET“ before every measurement
polling-mode: the green STATE LED is burning

Press any button at the RKE-Key
LED „RECEIVE DATA OVER RF“ burns -> RKE-Reception is OK

6 Testing: Transmitting-mode

Take care: Works only with Application-sample on Testsetup!

Press „RESET“ before every measurement
Press the „TX“-button
Press the „CH SEL“-button until your desired CH is aktive
In this case: Tx-mode with CH 1 (433,47 MHz)

Tx-mode with CH 2 (434,37 MHz)

Tx-mode with CH 3 (433,92 MHz)

Product information radio frequency transmitter

Taiwan NCC Warning Statement

Article 12
Without permission, any company, firm or user shall not alter the frequency, increase the power, or change the characteristics and functions of the original design of the certified lower power frequency electric machinery.

Article 14
The application of low power frequency electric machineries shall not affect the navigation safety nor interfere a legal communication, if an interference is found, the service will be suspended until improvement is made and the interference no longer exists.

Taiwan NCC Warning Statement

交通部電信總局低功率電波輻射性電機管理辦法 (930322)

根據交通部低功率管理辦法規定：

第十二條　經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條　低功率射頻電機之使用不得影響飛航安全及幹擾合法通信；經發現有幹擾現象時，應立即停用，並改善至無幹擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之幹擾。

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 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.