

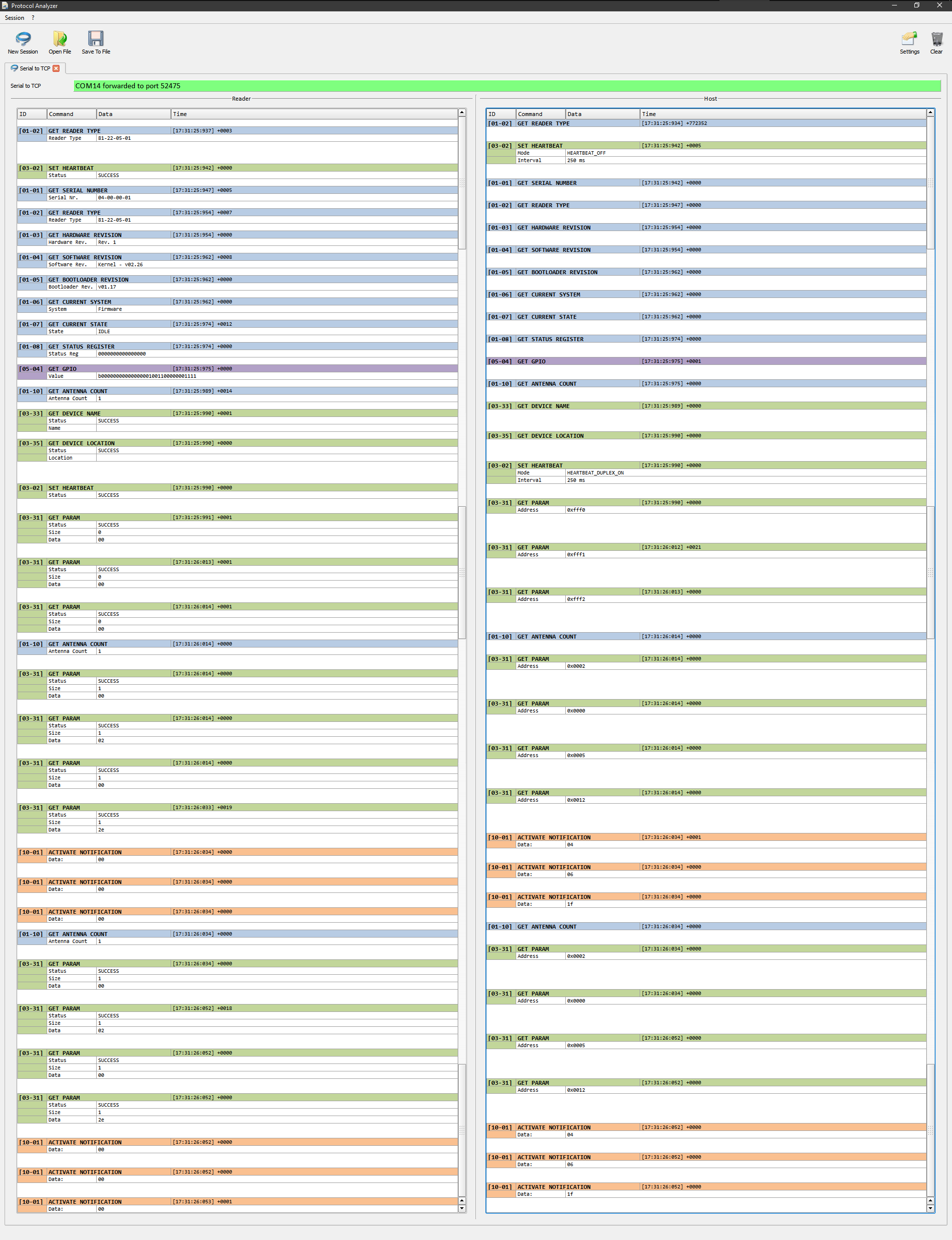
R-DT-UHF-NEO2-USB

UHF RFID Device

Test v1

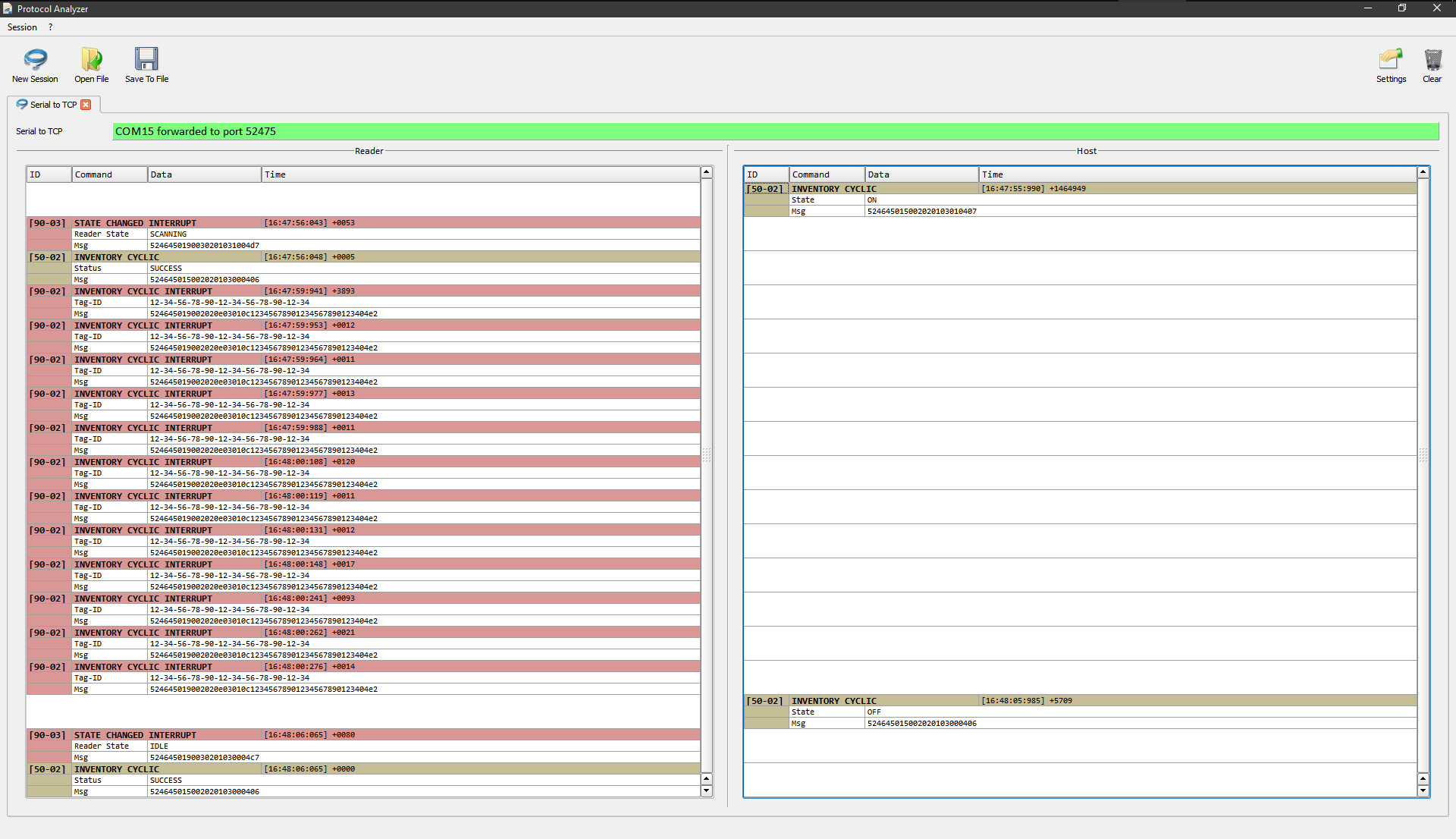
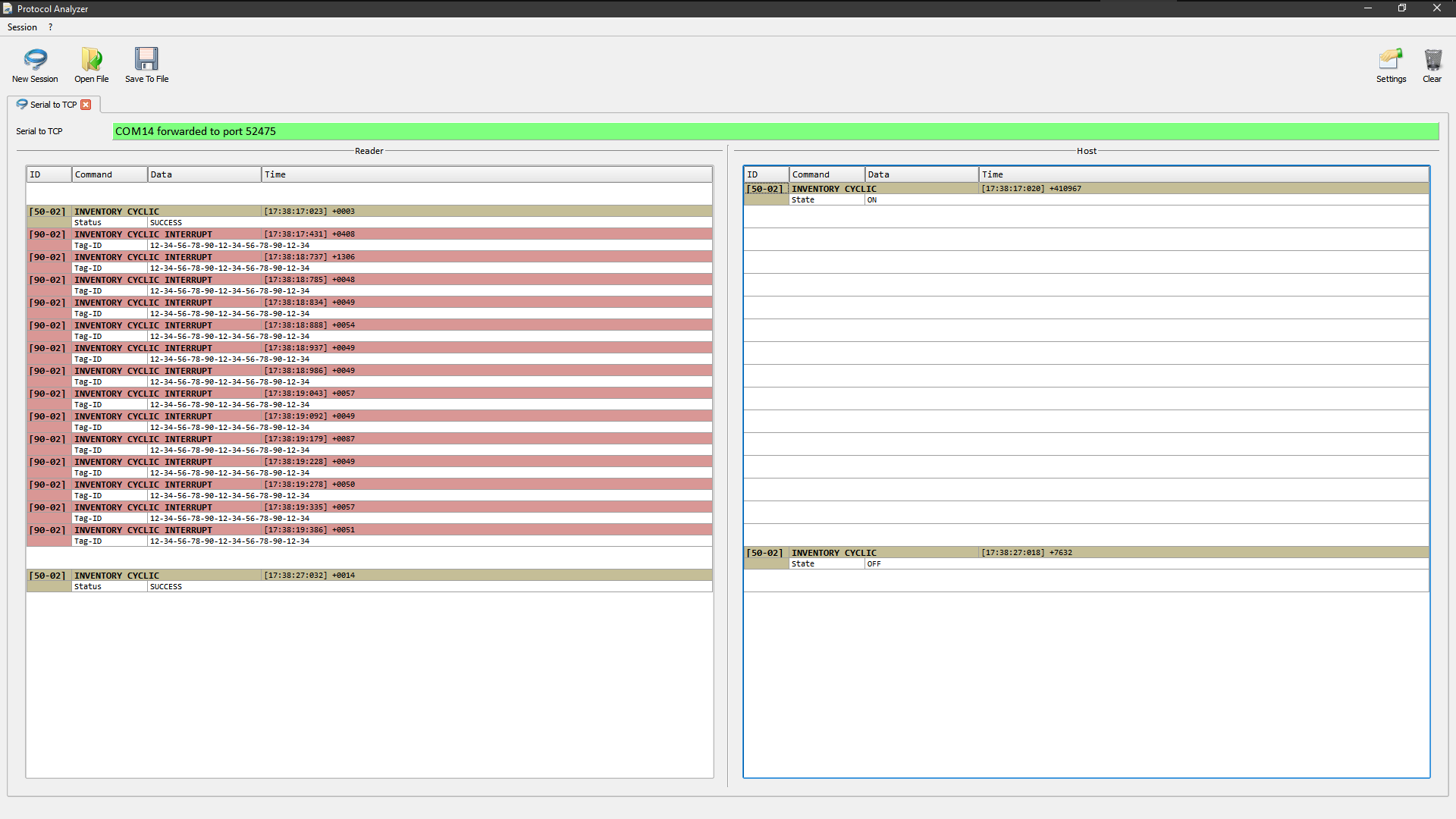
On Start of the Reader Demo Tool (left: Original Firmware, right: Cloned Firmware)

Ein Bild, das Tisch enthält.

Automatisch generierte Beschreibung 

Result: OK.

10 Seconds of Inventory (left: Original Firmware, right: Cloned Firmware)

Result: The original software answers the inventory cyclic command with a state changed interrupt. Then follows an inventory cyclic confirmation.

>> 524645015002020103010407 – inventory cyclic command

<< 5246450190030201031004d7 – state changed interrupt

<< 524645015002020103000406 – inventory cyclic confirmation

Now follow a few successful inventories:

<< 524645019002020e03010c12345678901234567890123404e2

<< 524645019002020e03010c12345678901234567890123404e2

The inventory cycle is stopped with this command:

>> 524645015002020103000406

<< 5246450190030201030004c7 – state changed interrupt

<< 524645015002020103000406 – inventory cyclic confirmation

The software does not care it the state changed interrupts are received. So this works OK in the demo software.

Open Settings Dialog (left: Original Firmware, right: Cloned Firmware)

What we see here is, that these requests are not replied. So after a time-out of 2 seconds, the software goes on.

>> 524645010**5010**2000452

>> 52464501**0201**02000455

>> 52464501**0203**02000457

>> 52464501**0202**02000456

>> 52464501**0204**02000450

Here are the full error messages:

ERR: Read GPIO data

ERR: Could not read attenuation

ERR: Could not read sensitivity

OK: Read modulation depth

ERR: Could not read frequency

ERR: Could not read lbt params

OK: Read Gen2 Link Frequency

OK: Read Gen2 Coding

OK: Read Gen2 EPC Size

OK: Read Gen2 Send Handle

OK: Read Gen2 Send PC

OK: Read Gen2 Send RN16

ERR: Could not read Gen2 Q

OK: Read Gen2 Q Method

OK: Read Gen2 Session

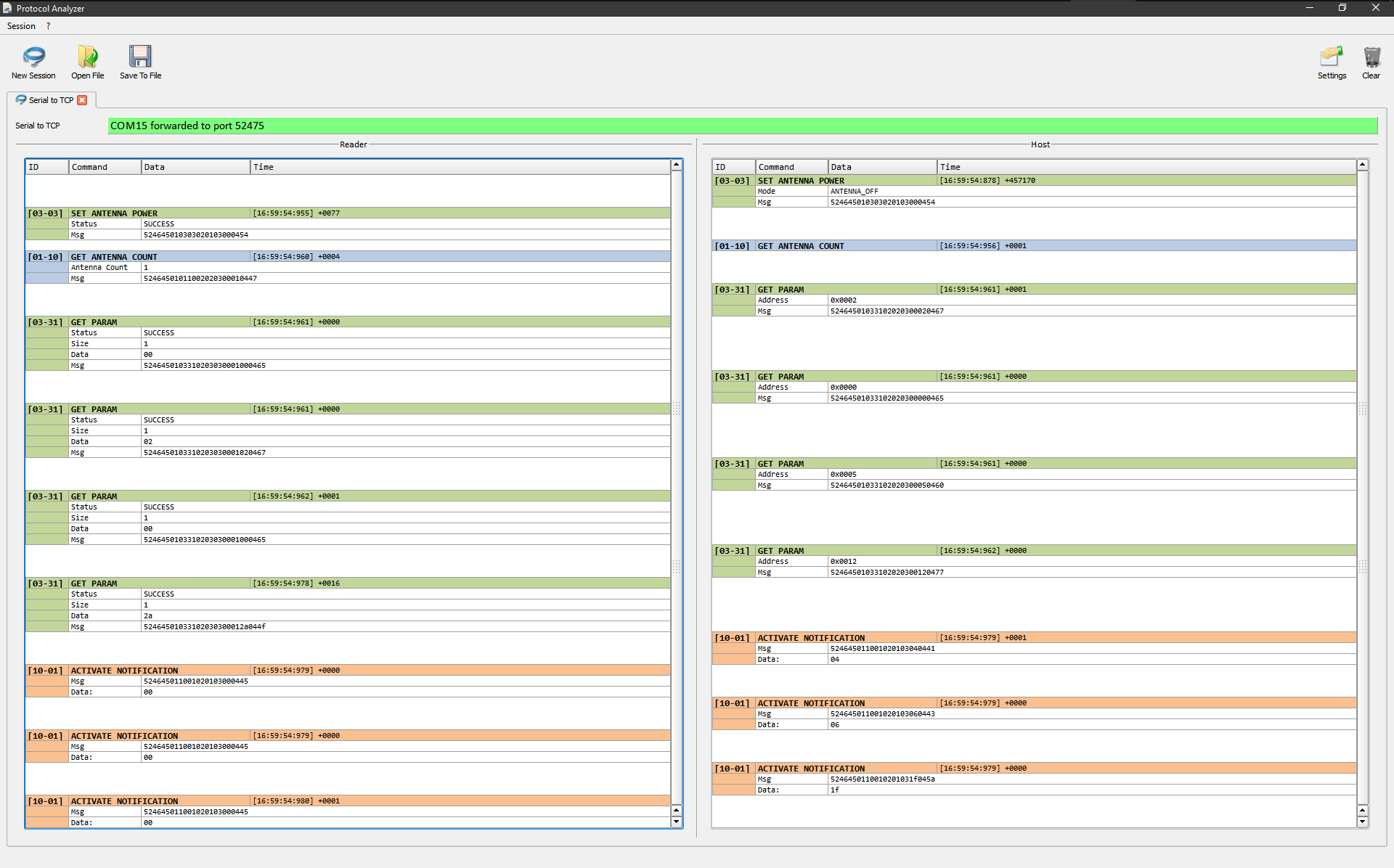
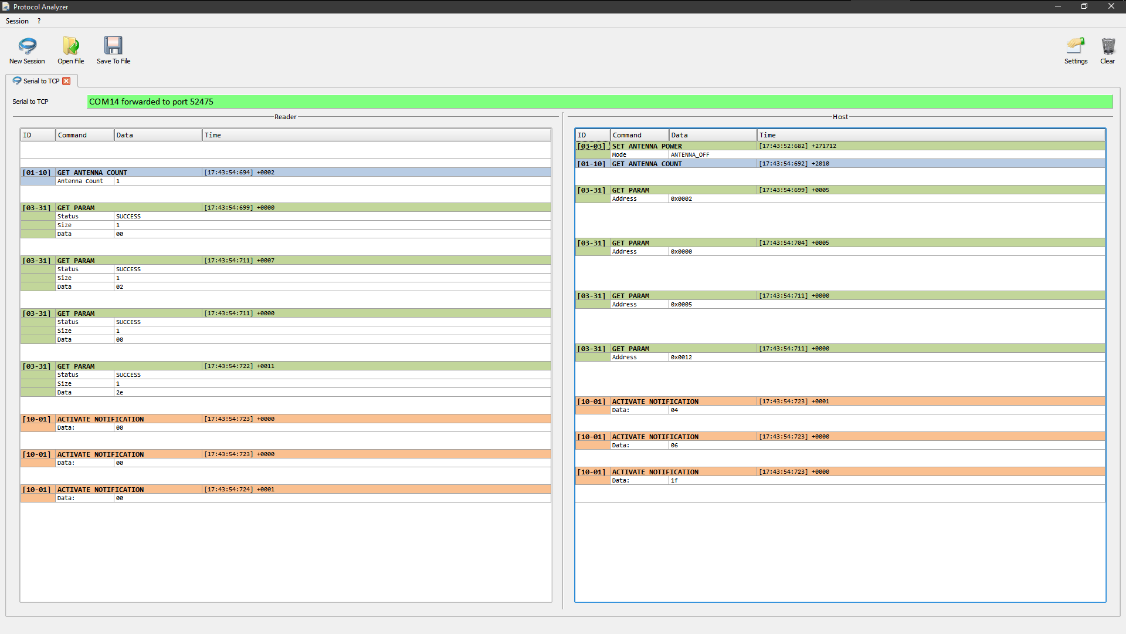
OK: Read Gen2 Inventory Rounds

ERR: Could not read Gen2 Selection Mask #1

ERR: Could not read Gen2 Selection Mask #2

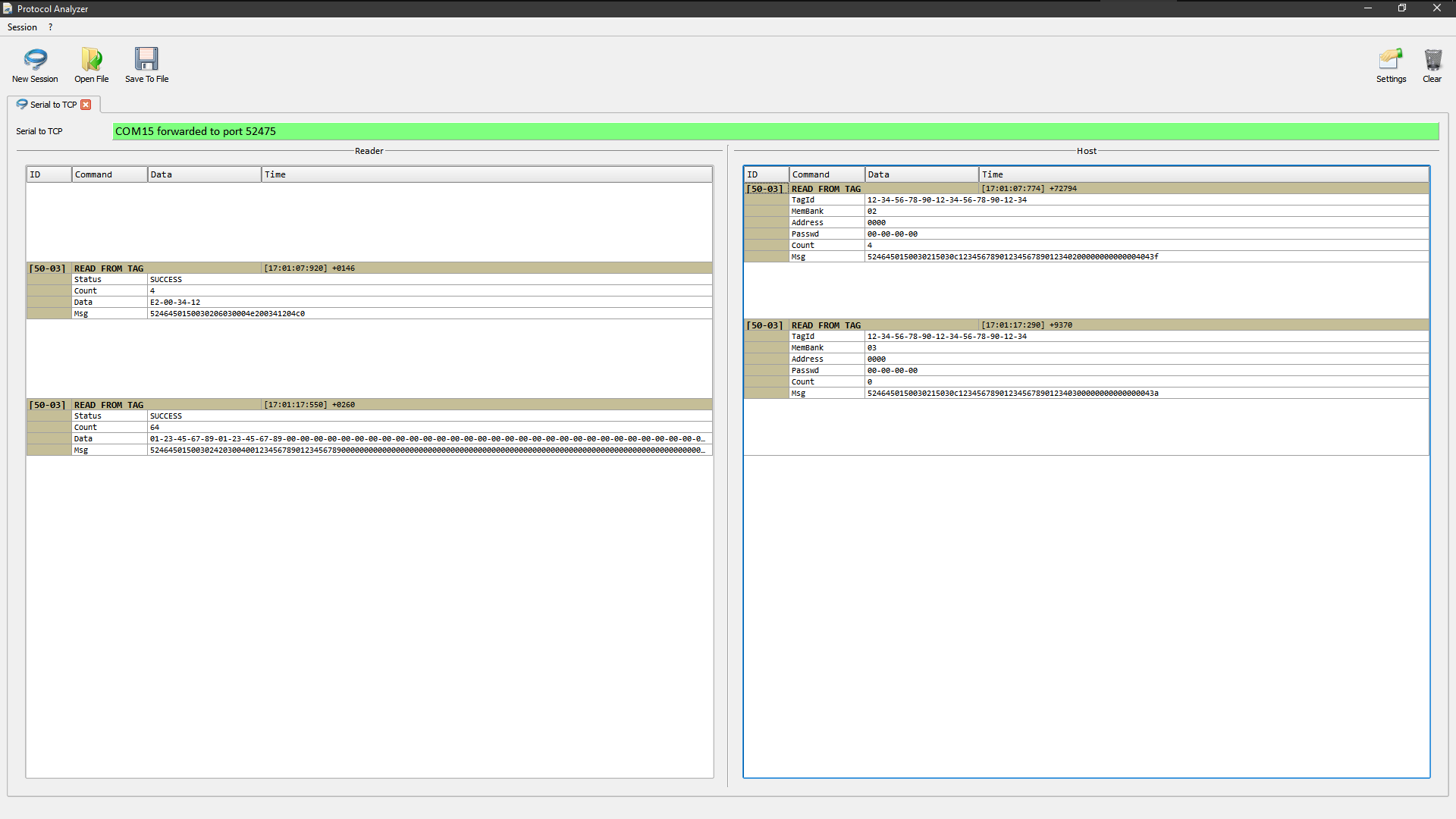
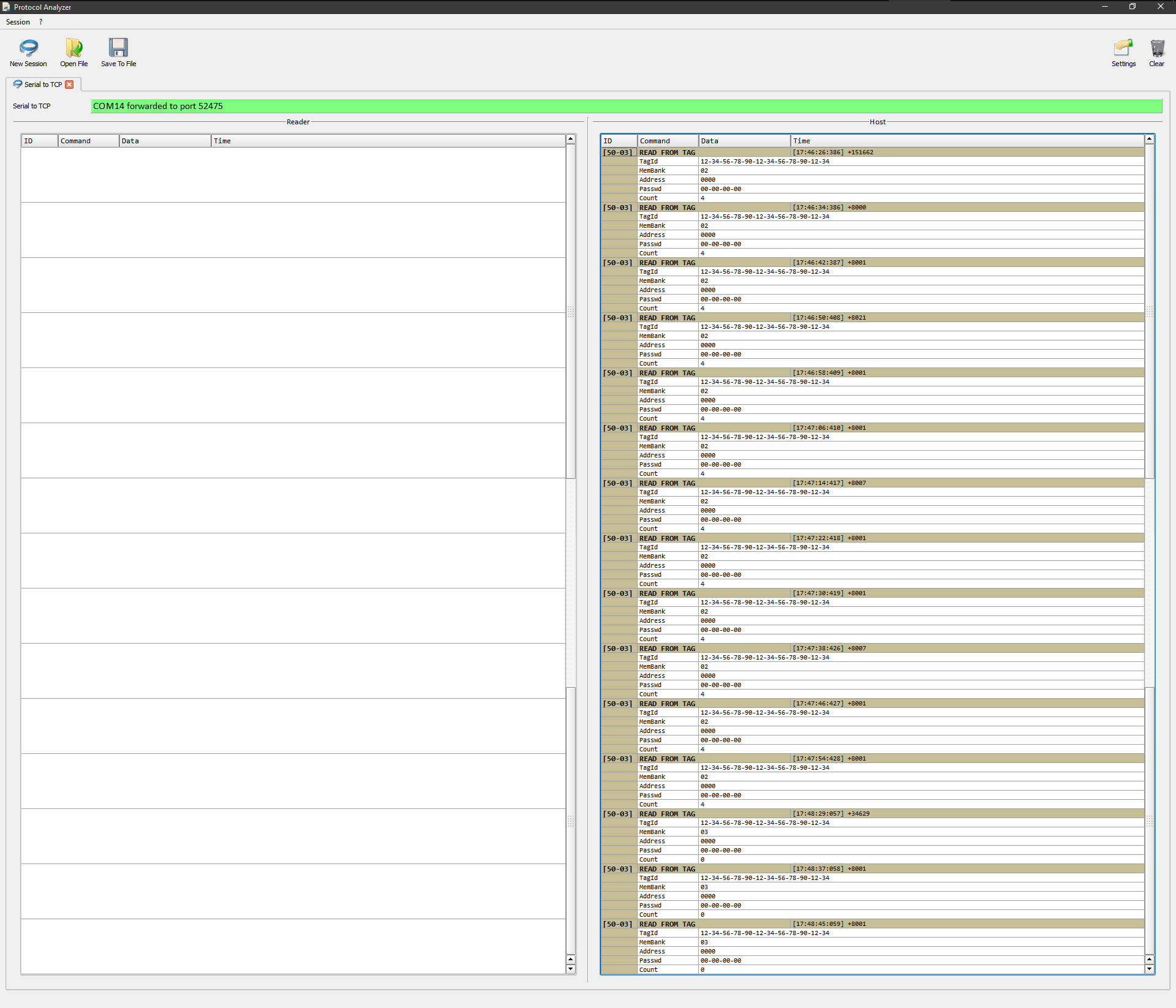
OK: Read Gen2 Query NXP Brand ID

Close Settings Dialog (left: Original Firmware, right: Cloned Firmware)

Here every command from the host is replied by the RFID reader.

Open Tag Information, try to read from USER Memory Bank (left: Original Firmware, right: Cloned Firmware)

It seems the read from tag command is not implemented so far:

>> 5246450150030215030c1234567890123456789012340200000000000004043f