

### Appendix 1. Photos

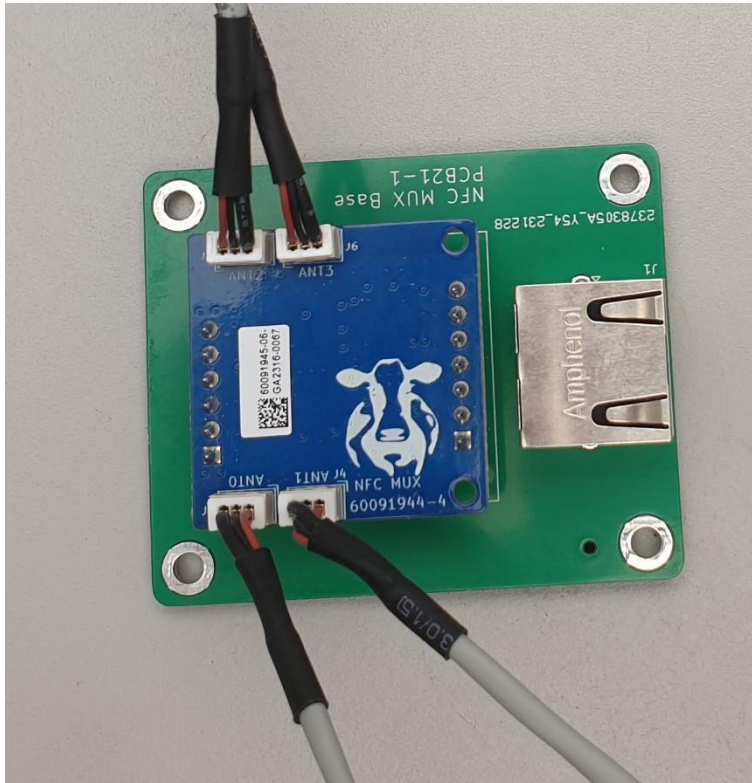


Photo 1. NFC MUX mounted at NFC Mux Base and antennas connected.

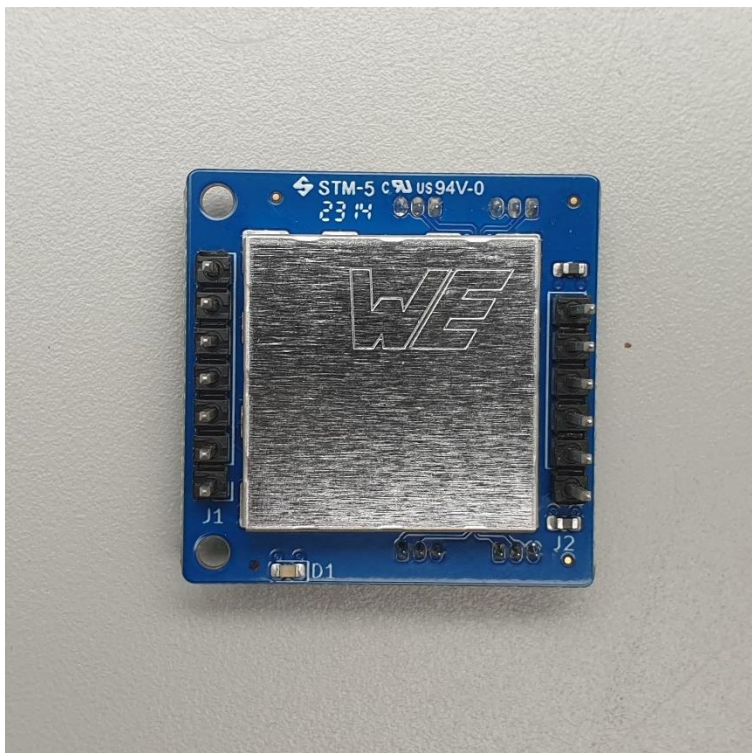
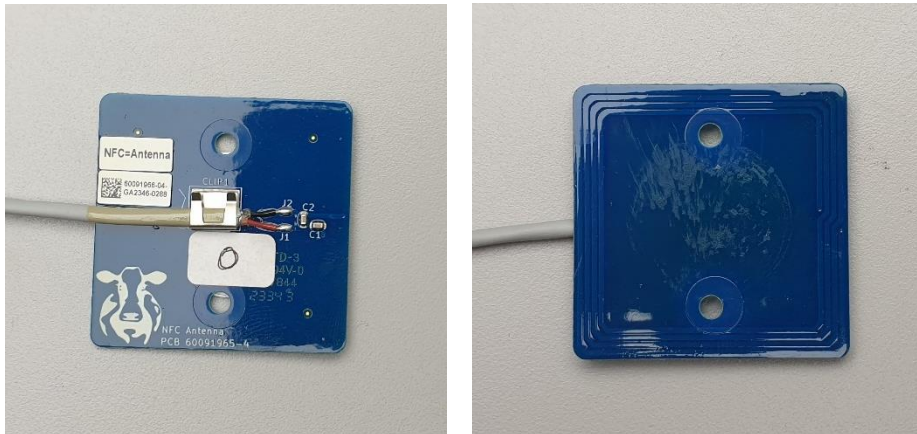
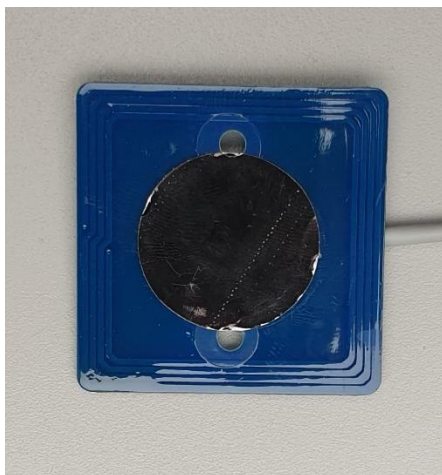


Photo 2. NFC MUX Bottom view.



**Photo 3. NFC Antenna. Without NFC Tag.**



**Photo 4. NFC Antenna. With NFC Tag.**



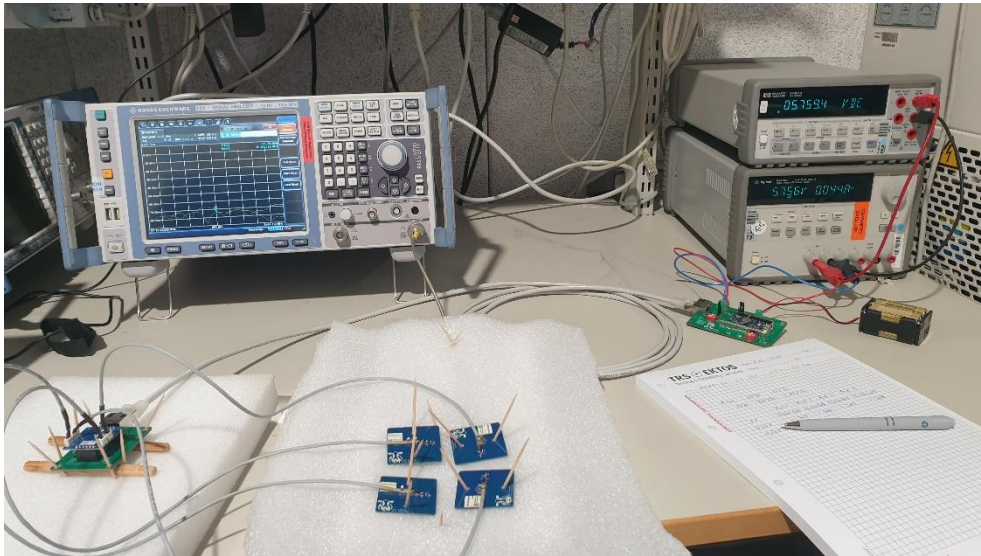
**Photo 5. NFC Mux Controller with battery packets.**



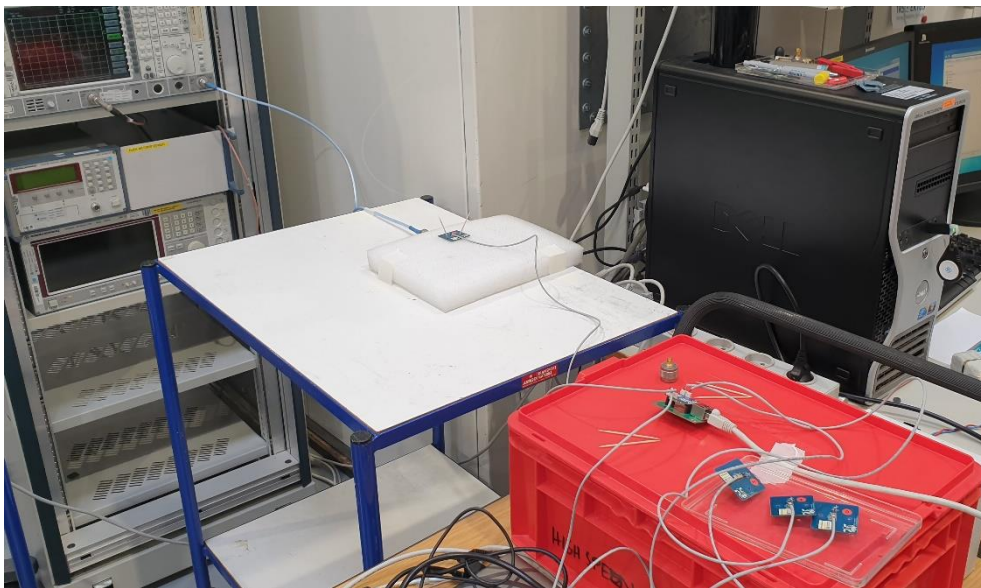
**Photo 6. AC/DC power supply.**



**Photo 7. Frequency stability under temperature variation test set up.**



**Photo 8. Frequency stability versus supply voltage test setup.**



**Photo 9. Occupied bandwidth test setup.**



Photo 10. Radiated emission test setup at OATS. 9 kHz – 30 MHz



Photo 11. Radiated emission test setup in SAC. 9 kHz – 30 MHz.

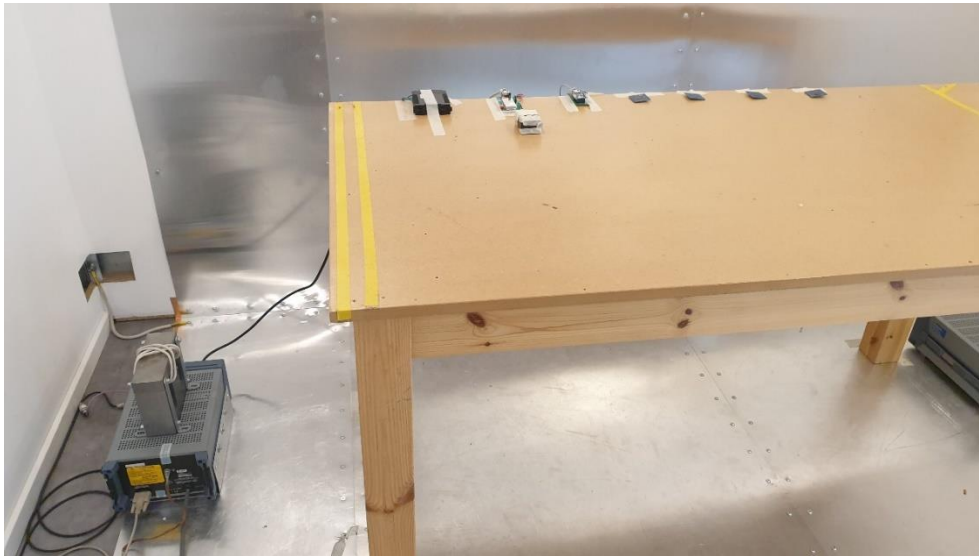


Photo 12. Radiated emission test setup in SAC. 30 - 1000 MHz.

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2024-07-16

Reference  
P23-0165-1

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Appendix 1



**Photo 13. AC Conducted emission test set up.**