

Photo Report on Test Setups of Rational WA112

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and XO2-SPB611

IC: –

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D-PL-12140-01-00

Note:

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1 INTENTIONAL RADIATOR, RADIATED SETUPS



Photo 1: Test setup for radiated measurements (Enclosure, fully-anechoic chamber, 1-26 GHz intentional radiator §15, ANSI C63.10 and §22/24/27/90, ANSI C63.26). EUT on turnunit

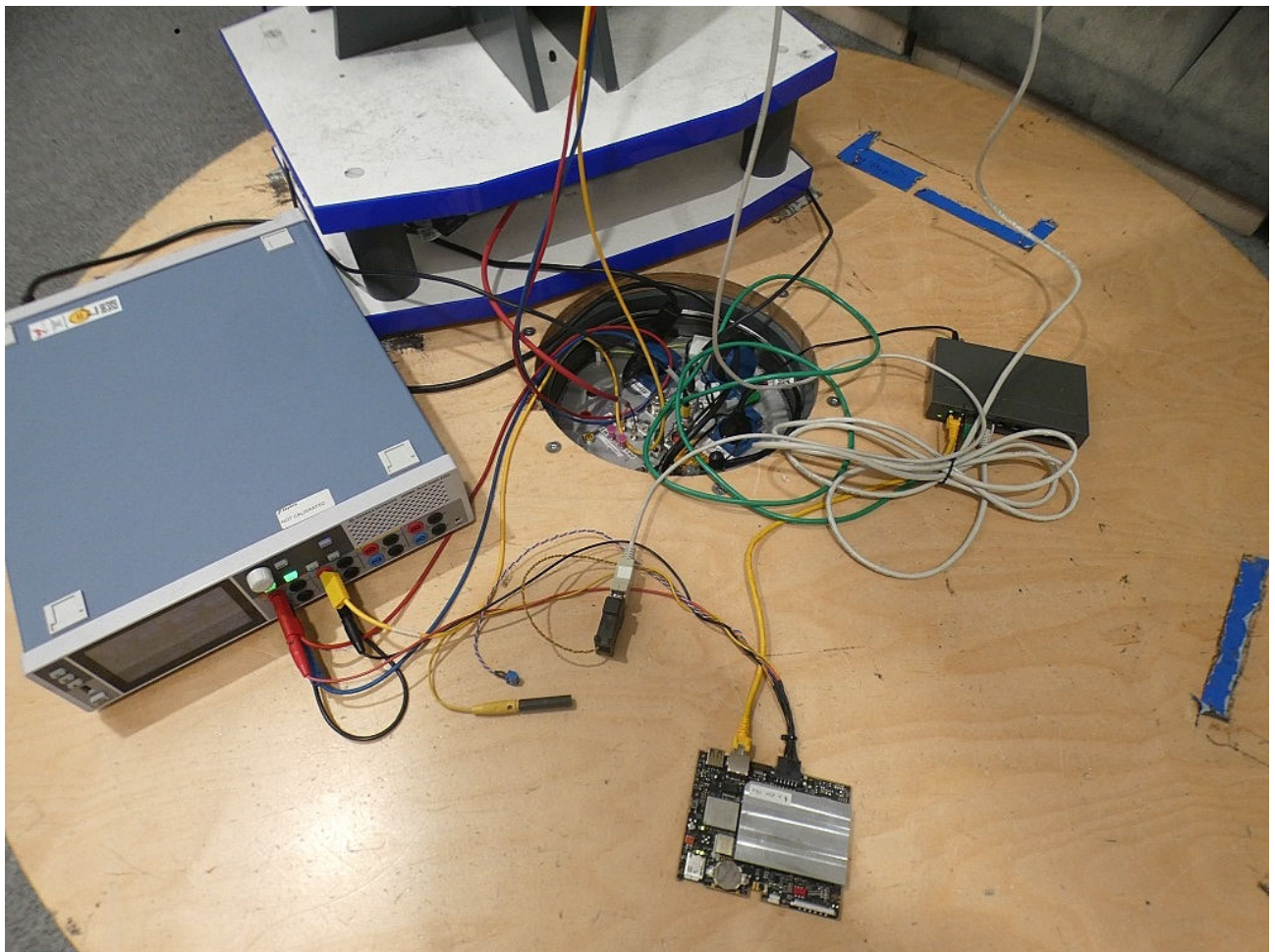


Photo 2: Test setup for radiated measurements (Enclosure, fully-anechoic chamber, 1-26 GHz intentional radiator §15, ANSI C63.10 and §22/24/27/90, ANSI C63.26), auxiliary equipment (Companion Device, Laboratory Power Supply, Gigabit Switch, AC-DC-Adapter)

2 INTENTIONAL / UNINTENTIONAL RADIATOR, CONDUCTED SETUPS



Photo 3: Test setup for conducted measurements (AC Port (power line), EUT supplied by auxiliary laboratory power supply, unintentional radiator §15, ANSI C63.4)

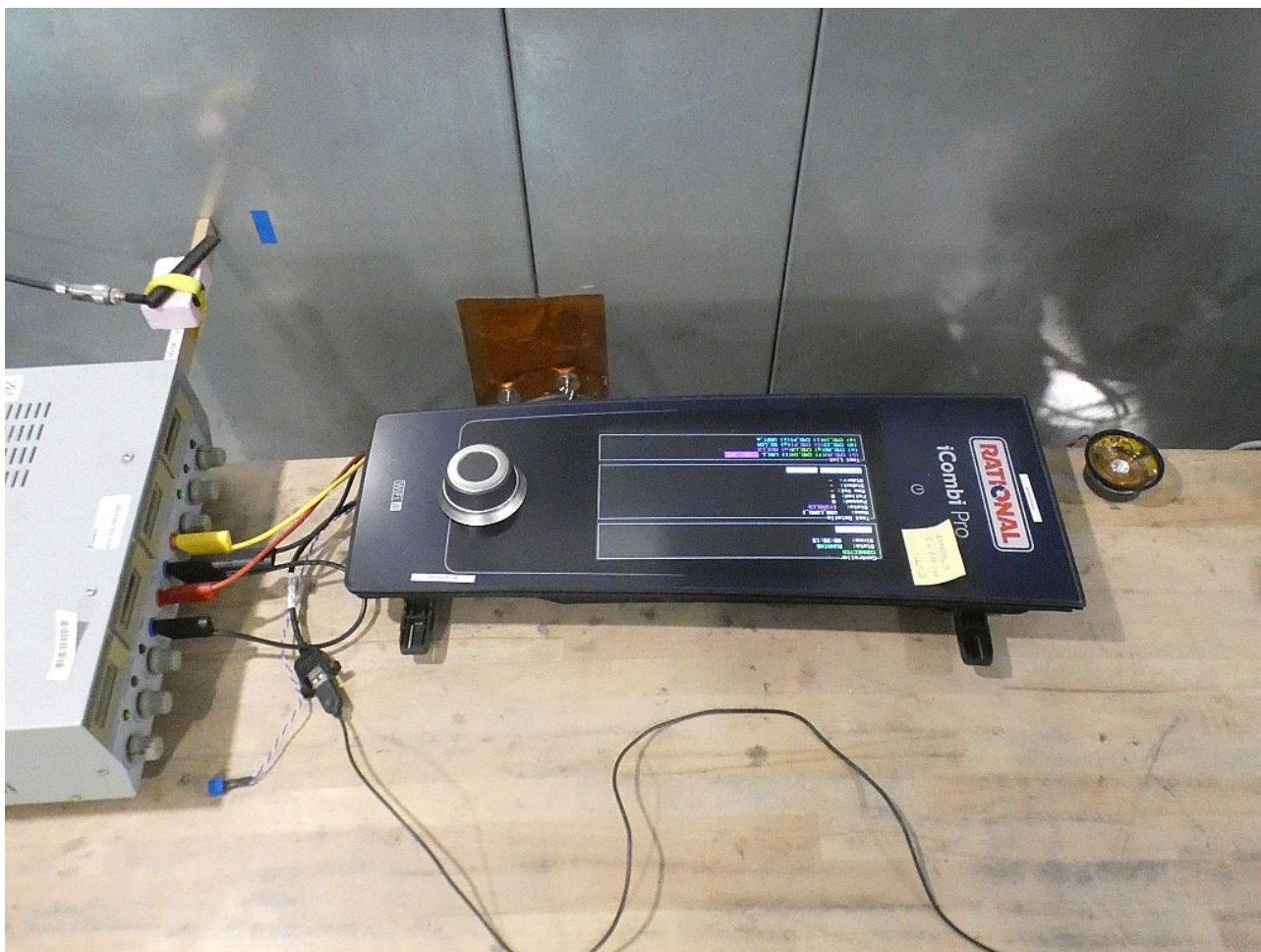


Photo 4: Test setup for conducted measurements (AC Port (power line), EUT supplied by auxiliary laboratory power supply, unintentional radiator §15, ANSI C63.4), EUT connection to power supply



Photo 5: Test setup for conducted measurements (AC Port (power line), EUT supplied by auxiliary laboratory power supply, unintentional radiator §15, ANSI C63.4), rear side



Photo 6: Test setup for conducted measurements (AC Port (power line), EUT supplied by auxiliary laboratory power supply, unintentional radiator §15, ANSI C63.4), setup with Switching Adapter (DE1183057ACDC1)

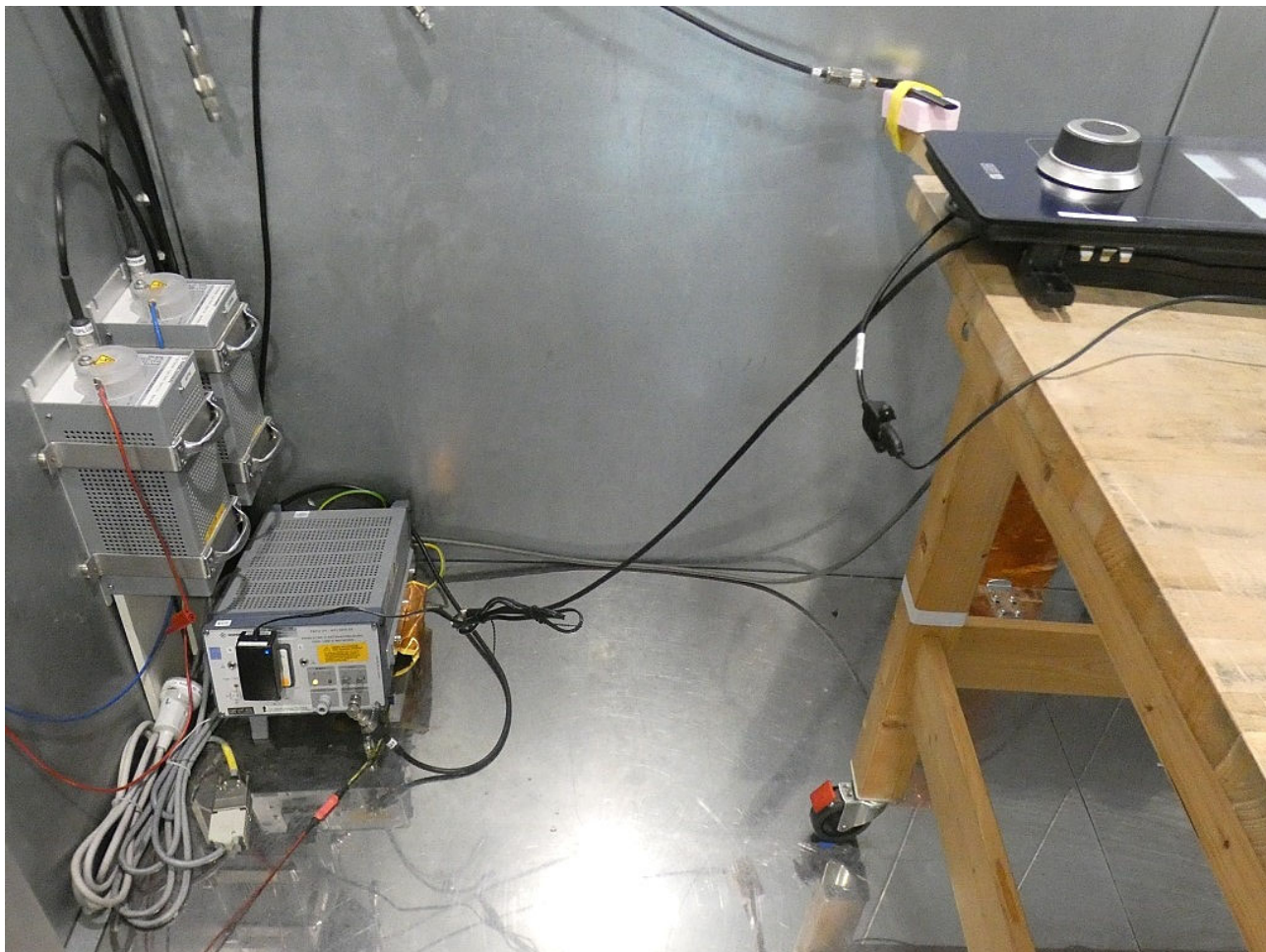


Photo 7: Test setup for conducted measurements (AC Port (power line), EUT supplied by auxiliary laboratory power supply, unintentional radiator §15, ANSI C63.4), Switching Adapter (DE1183057ACDC1) at LISN

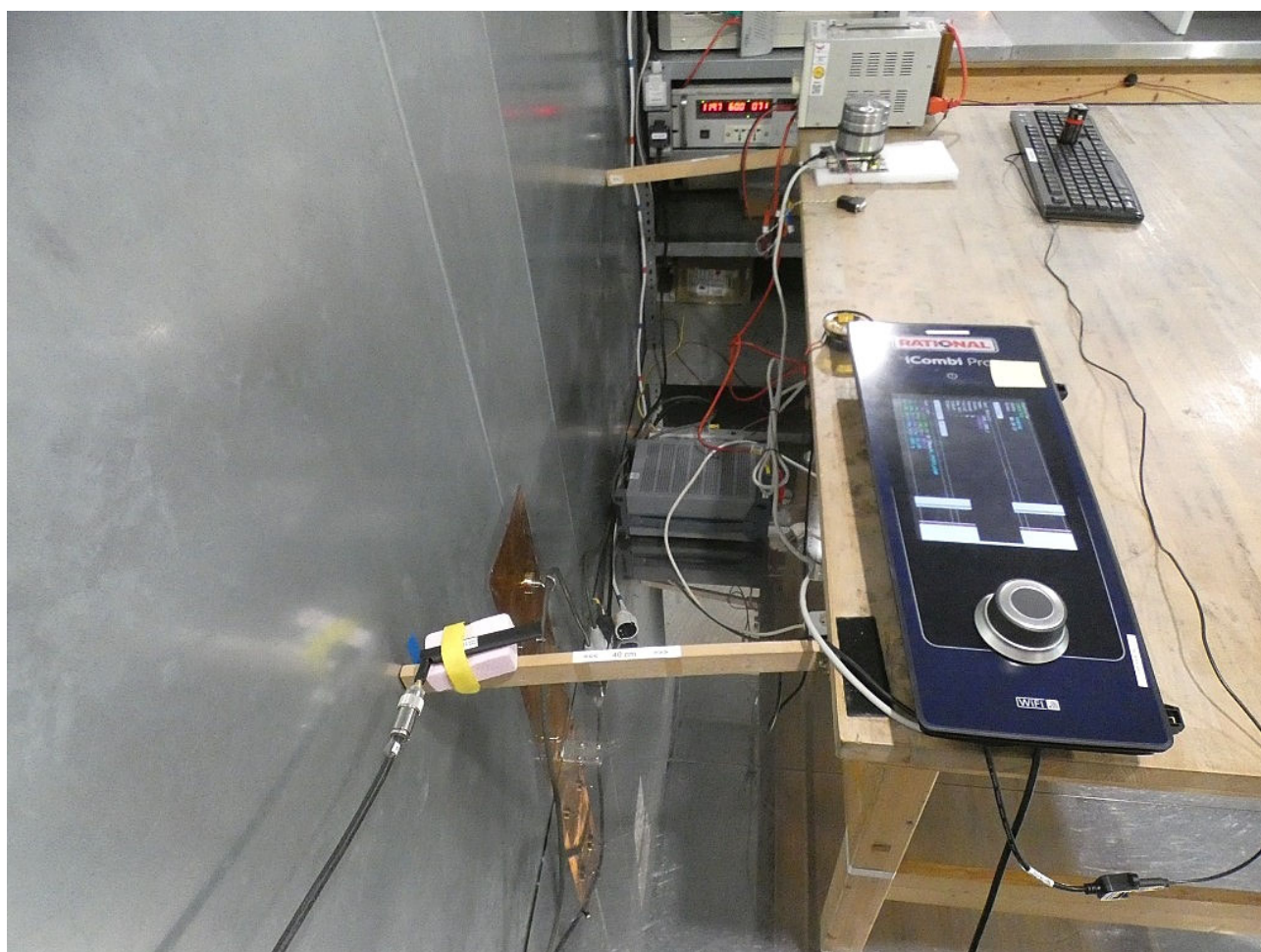


Photo 8: Test setup for conducted measurements (AC Port (power line), EUT supplied by auxiliary laboratory power supply, unintentional radiator §15, ANSI C63.4), Switching Adapter (DE1183057ACDC1), rear view

3 UNINTENTIONAL RADIATOR, RADIATED SETUPS

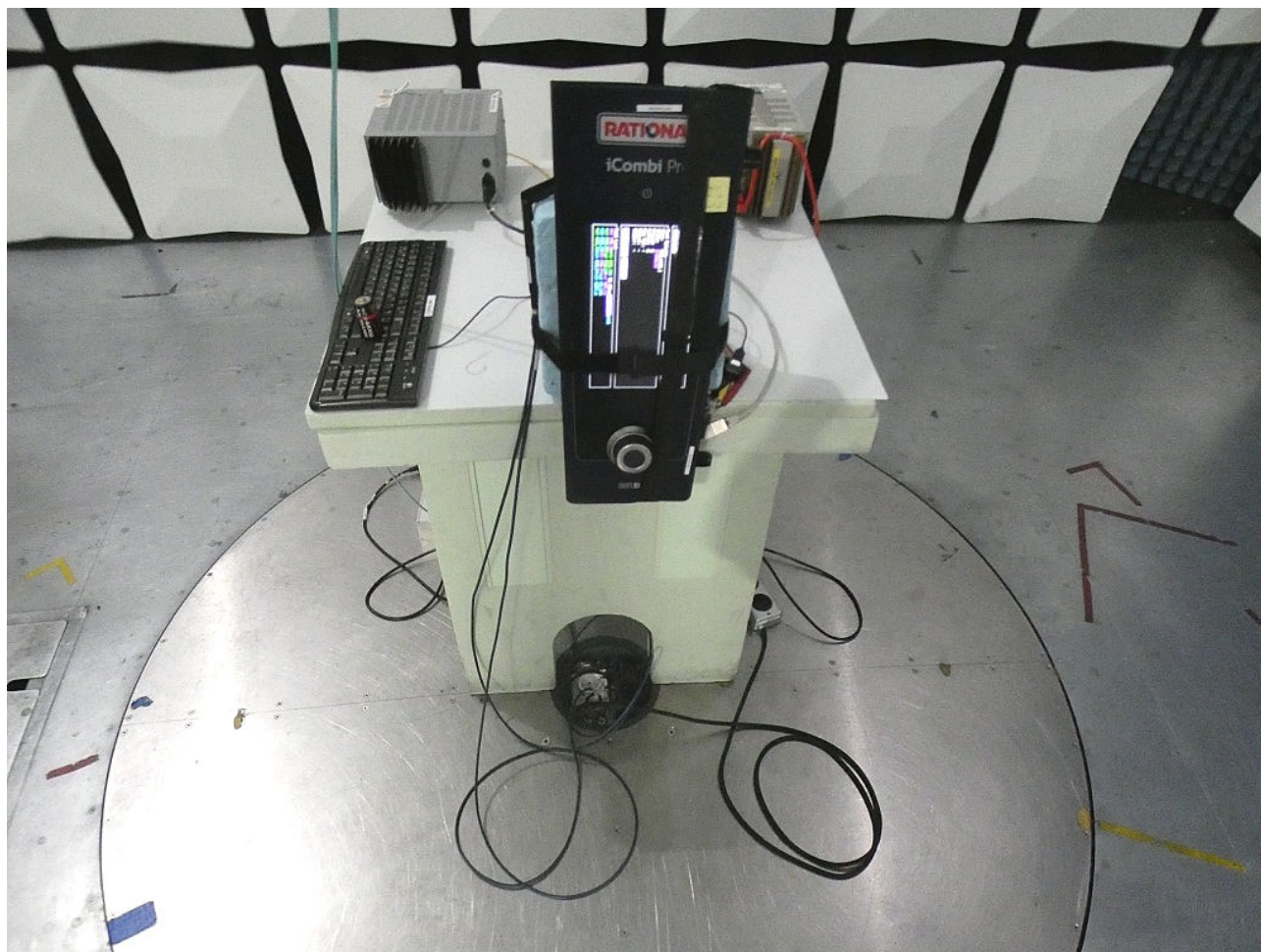


Photo 9: Test setup for radiated measurements (AC Port (power line), EUT supplied by auxiliary laboratory power supply, 30 MHz to 1 GHz, unintentional radiator §15.109, ANSI C63.4), EUT front view

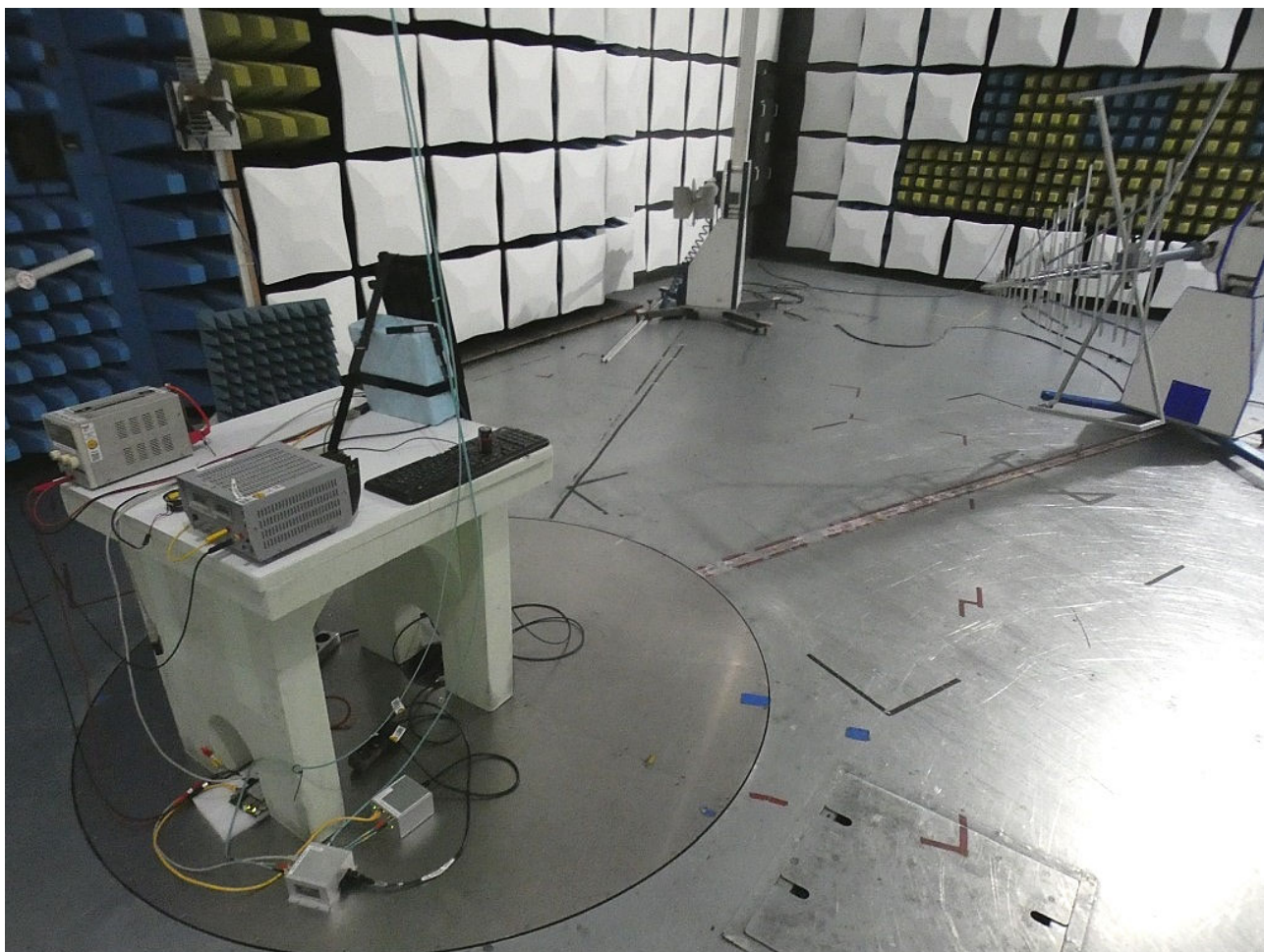


Photo 10: Test setup for radiated measurements (AC Port (power line), EUT supplied by auxiliary laboratory power supply, 30 MHz to 1 GHz, unintentional radiator §15.109, ANSI C63.4), EUT rear view

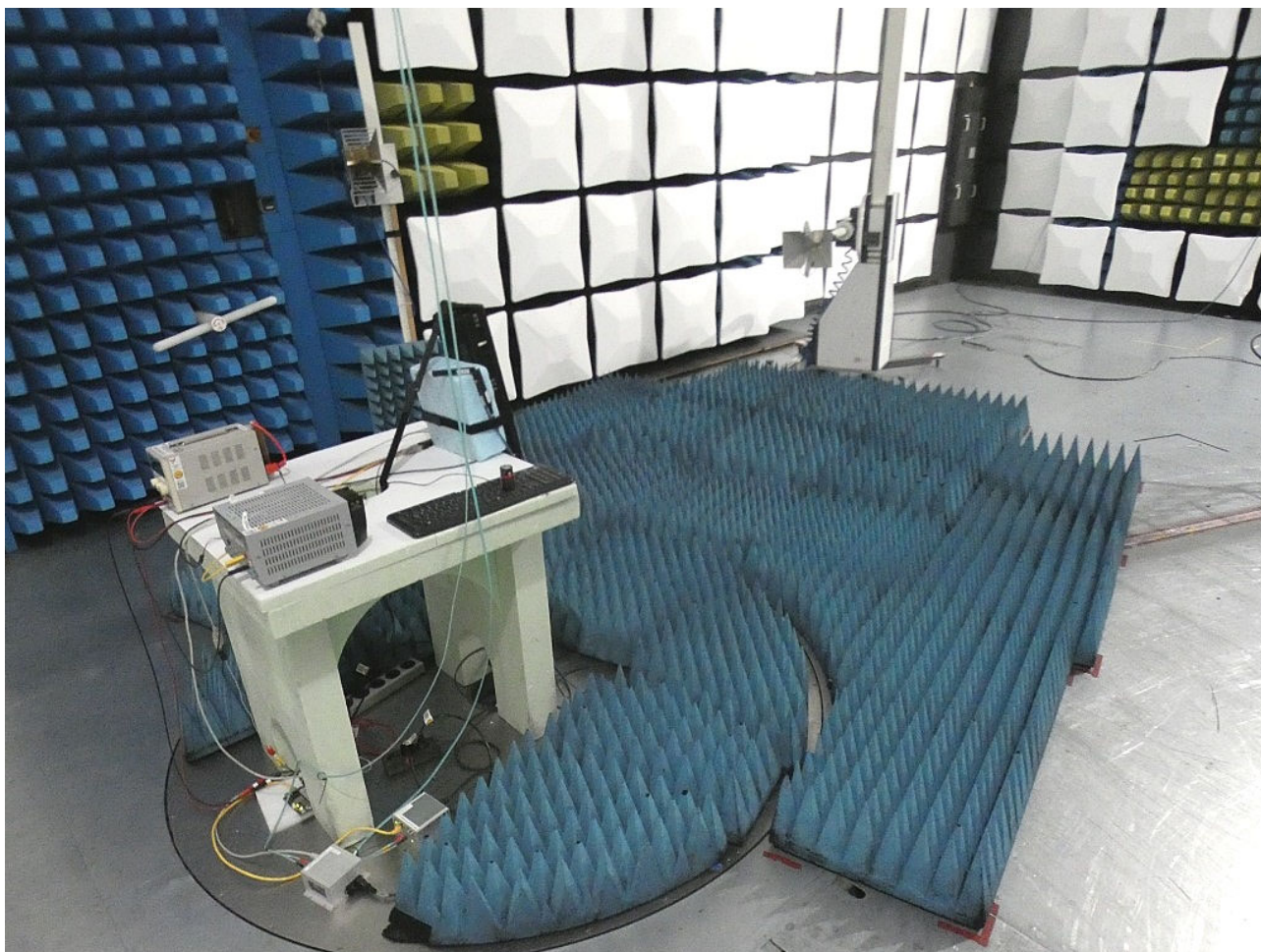


Photo 11: Test setup for radiated measurements (AC Port (power line), EUT supplied by auxiliary laboratory power supply, 1-18 GHz, unintentional radiator §15.109, ANSI C63.4), with floor absorbers

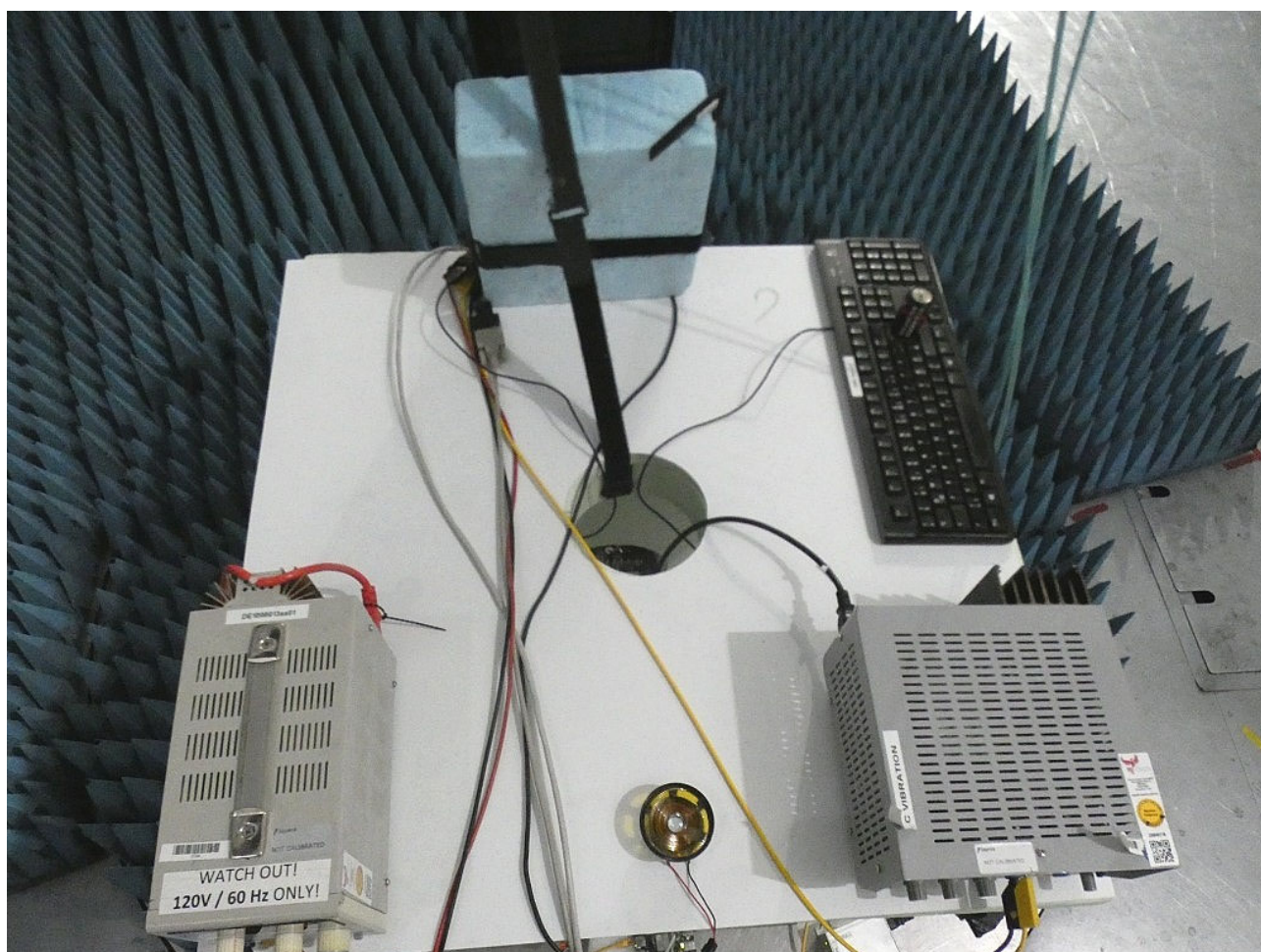


Photo 12: Test setup for radiated measurements (AC Port (power line), EUT supplied by auxiliary laboratory power supply, 1-18 GHz, unintentional radiator §15.109, ANSI C63.4), cabling

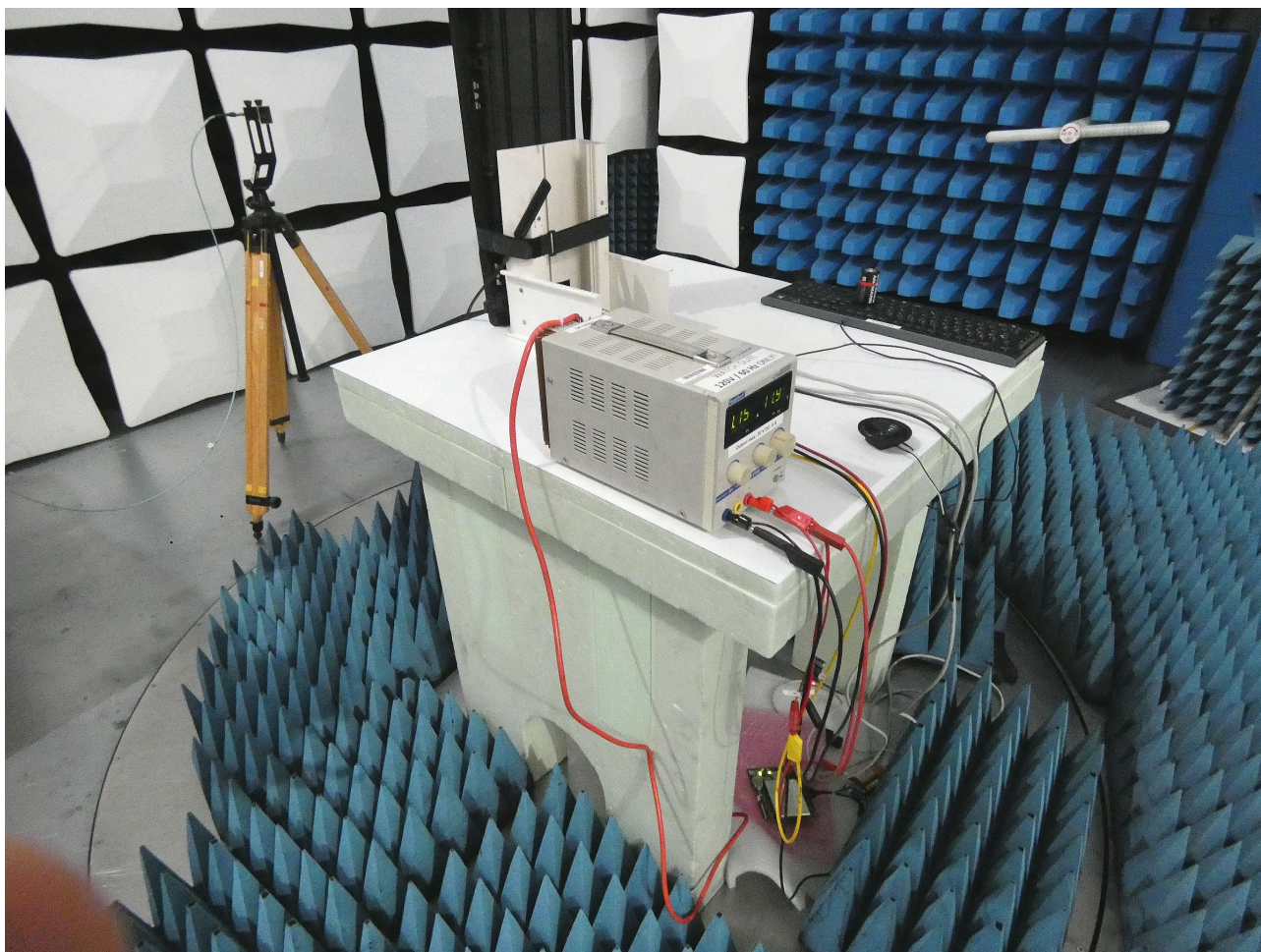


Photo 13: Test setup for radiated measurements (AC Port (power line), EUT supplied by laboratory power supply, 18 to 26 GHz, unintentional radiator §15.109, ANSI C63.4), EUT rear view



Photo 14: Test setup for radiated measurements (AC Port (power line), EUT supplied by laboratory power supply, 18 to 26 GHz, unintentional radiator §15.109, ANSI C63.4), EUT front view

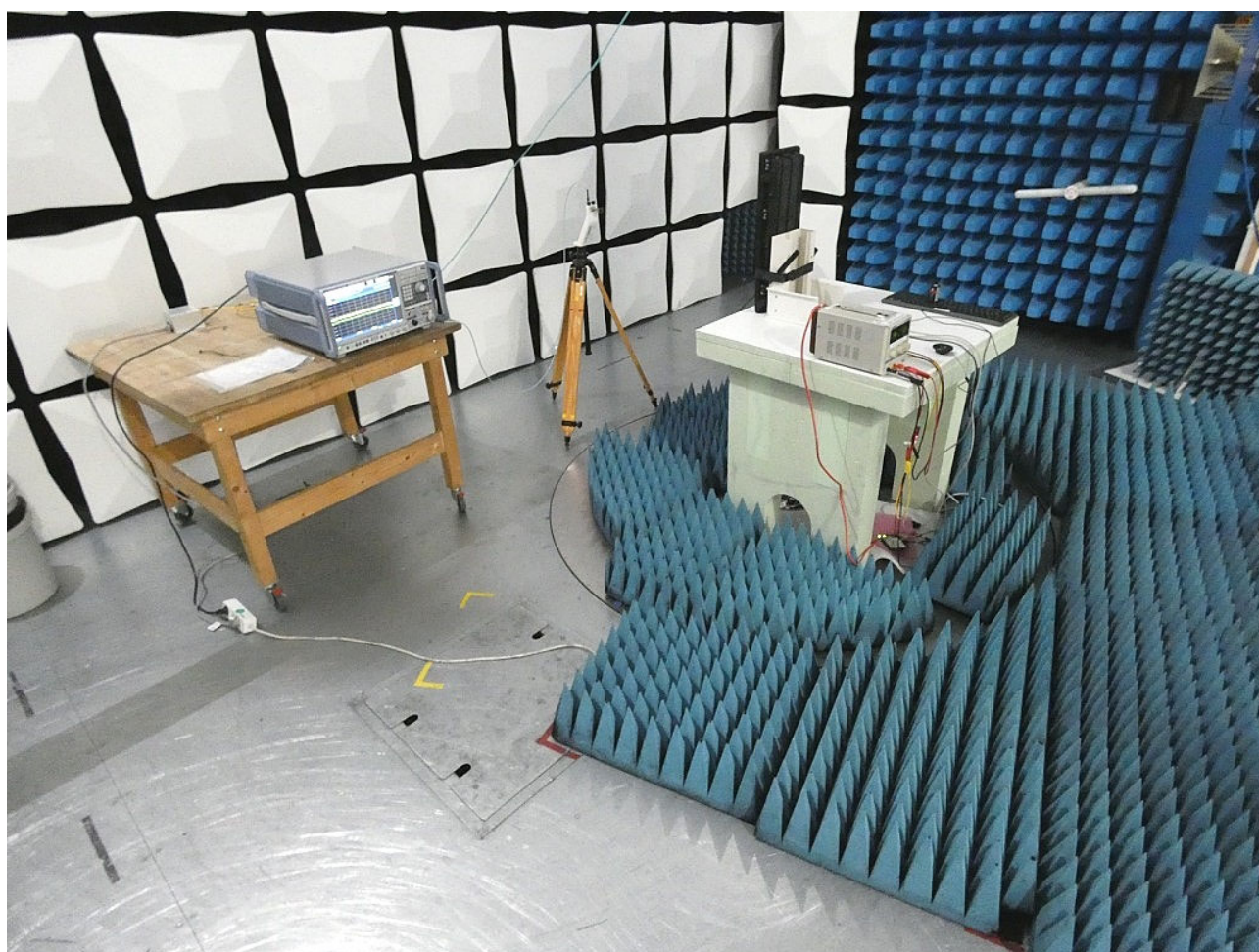


Photo 15: Test setup for radiated measurements (AC Port (power line), EUT supplied by laboratory power supply, 26 to 30 GHz, unintentional radiator §15.109, ANSI C63.4), view from left side



Photo 16: Test setup for radiated measurements (AC Port (power line), EUT supplied by laboratory power supply, 26 to 30 GHz, unintentional radiator §15.109, ANSI C63.4), view from right side

4 INTENTIONAL RADIATOR, CONDUCTED SETUP AT TS8997

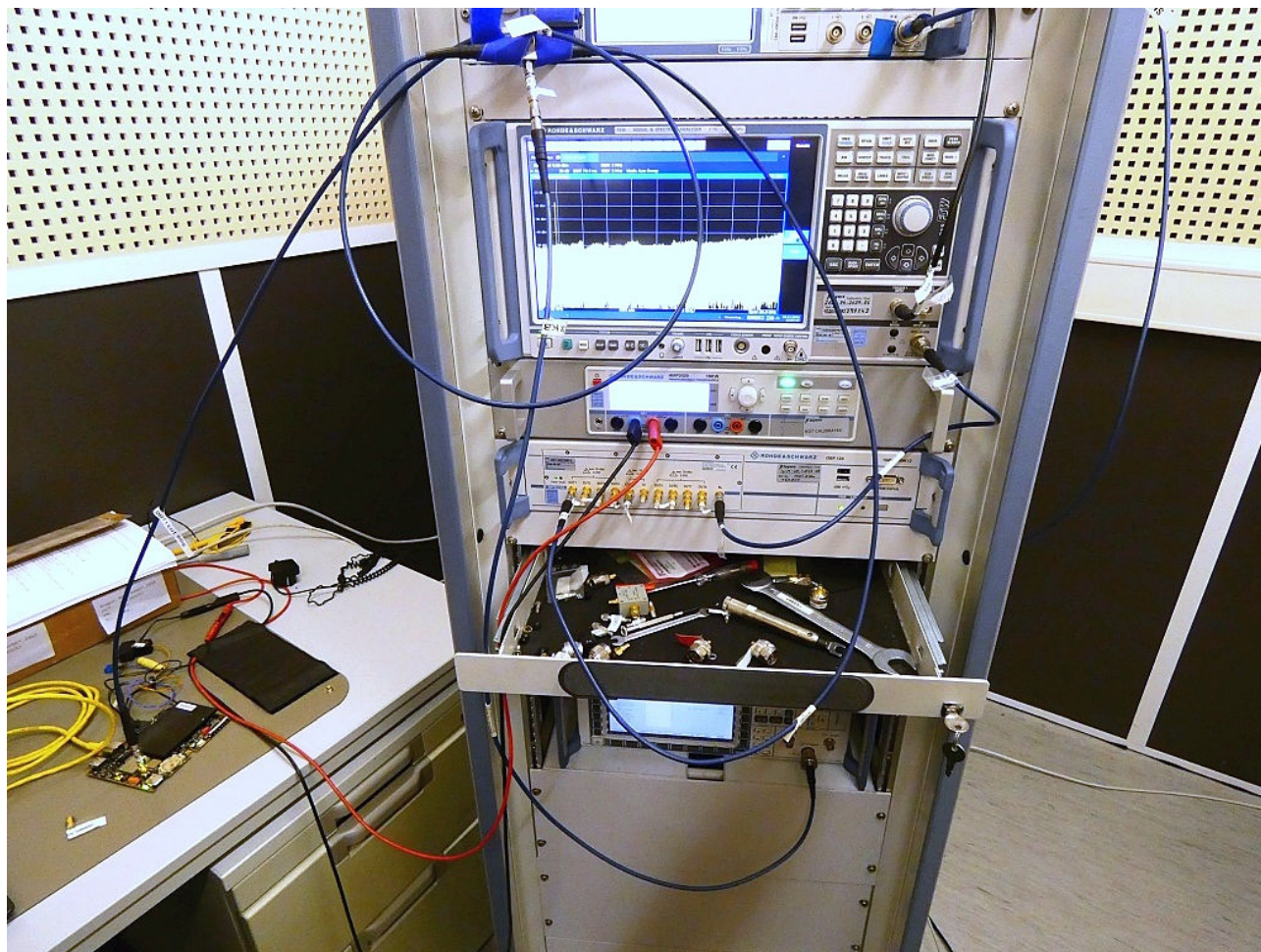


Photo 17: Test setup for conducted measurements at antenna terminal (EUT supplied by laboratory power supply, §15.247, ANSI C63.10), test system TS8997 and EUT

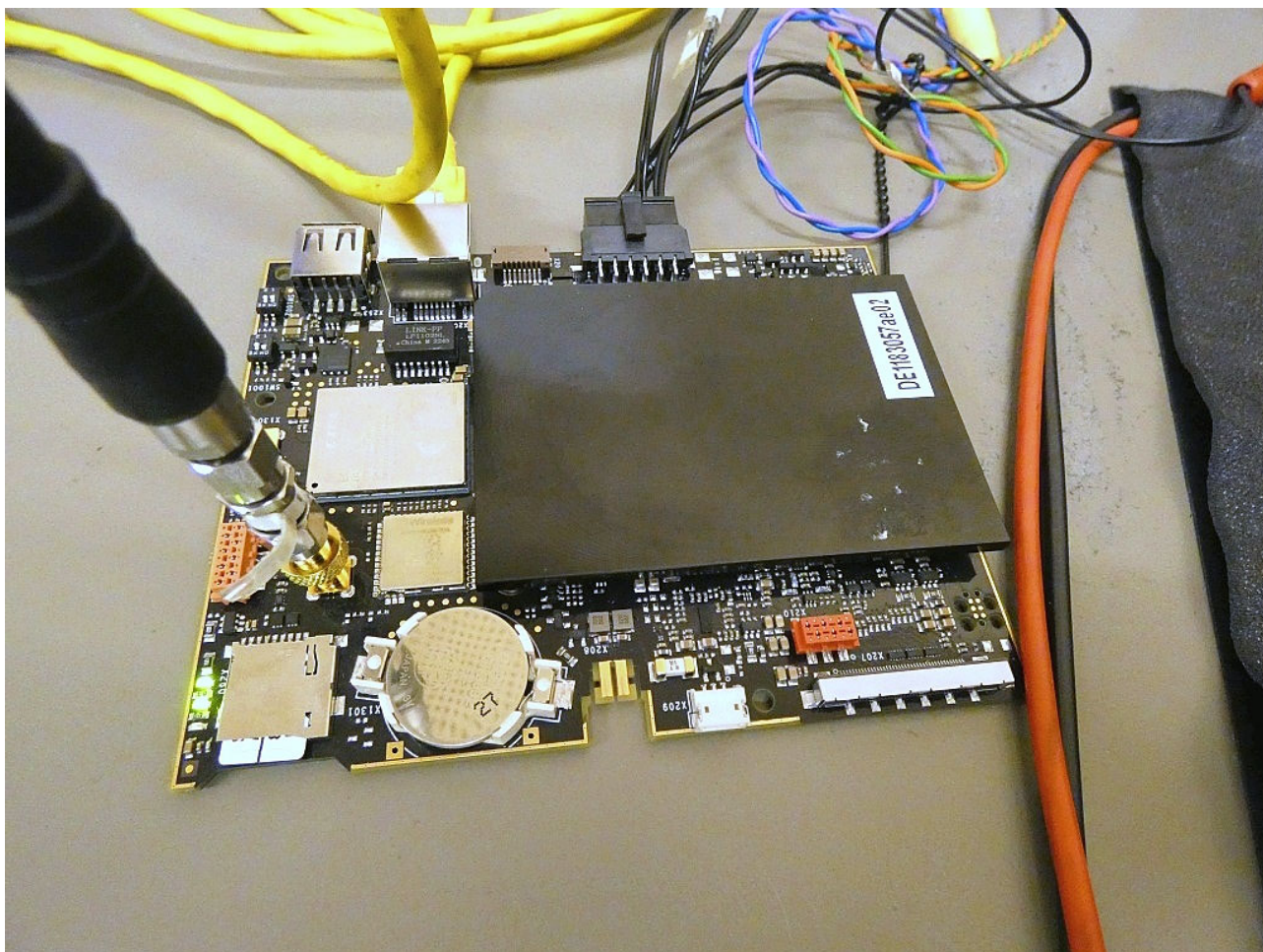


Photo 18: Test setup for conducted measurements at antenna terminal (EUT supplied by laboratory power supply, §15.247, ANSI C63.10), EUT detail

5 REVISION HISTORY

Report version control			
Version	Release date	Change Description	Version validity
initial	2025-09-12	--	valid
rev1	2025-11-20	Adding two photos of conducted test setup at TS8997	valid

*****END OF TEST REPORT*****