

Photo Report on Test Setups

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initial	2024-03-13	--	invalid
rev_1	2024-05-22	photos 10-12 added (on TCB demand)	valid

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Note:

The following test results relate only to the devices specified in this document. This report shall not be reproduced in parts without the written approval of the test laboratory.

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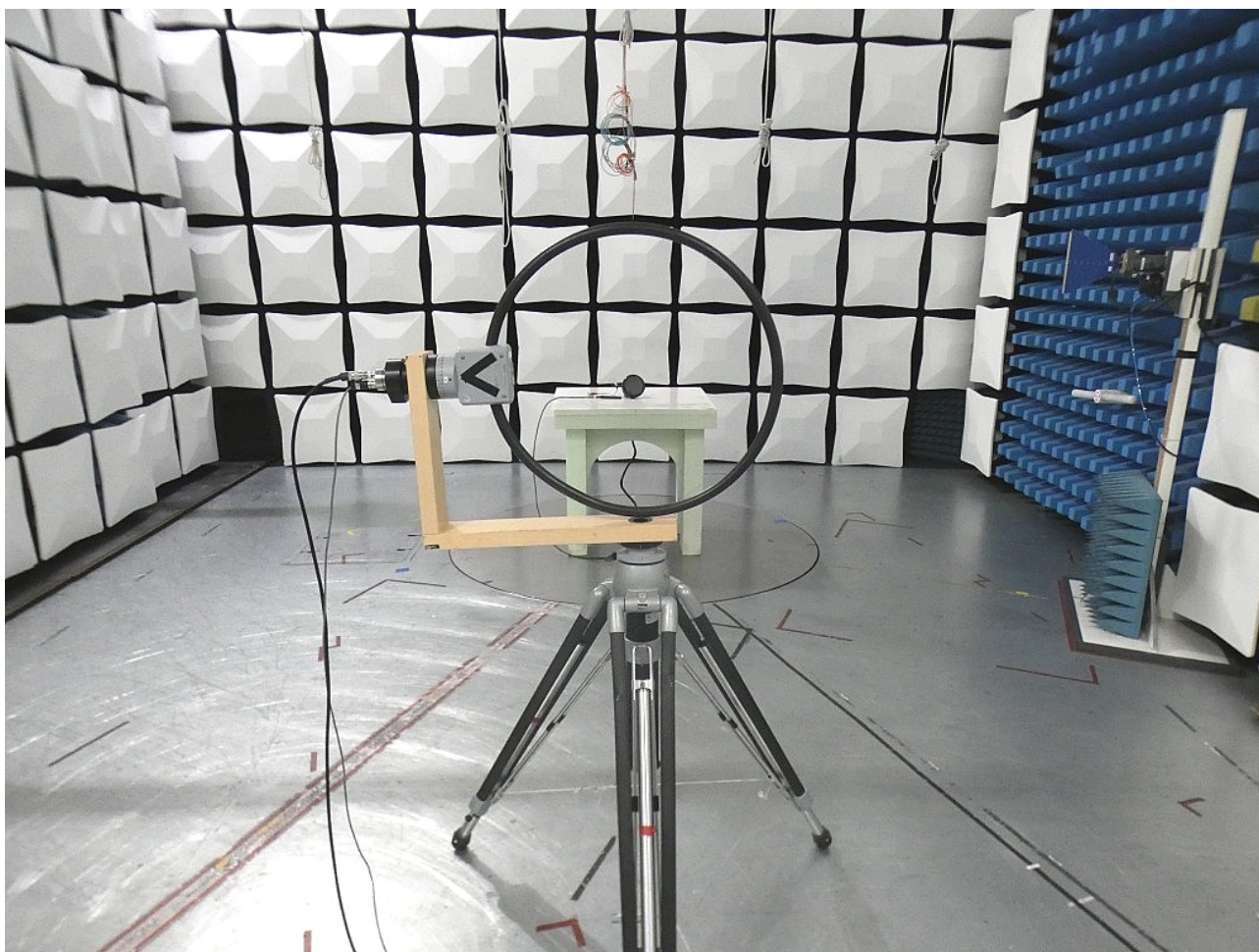


Photo 1: Test setup for radiated measurements (Enclosure, below 30 MHz, intentional radiator §15.209, ANSI C63.10)

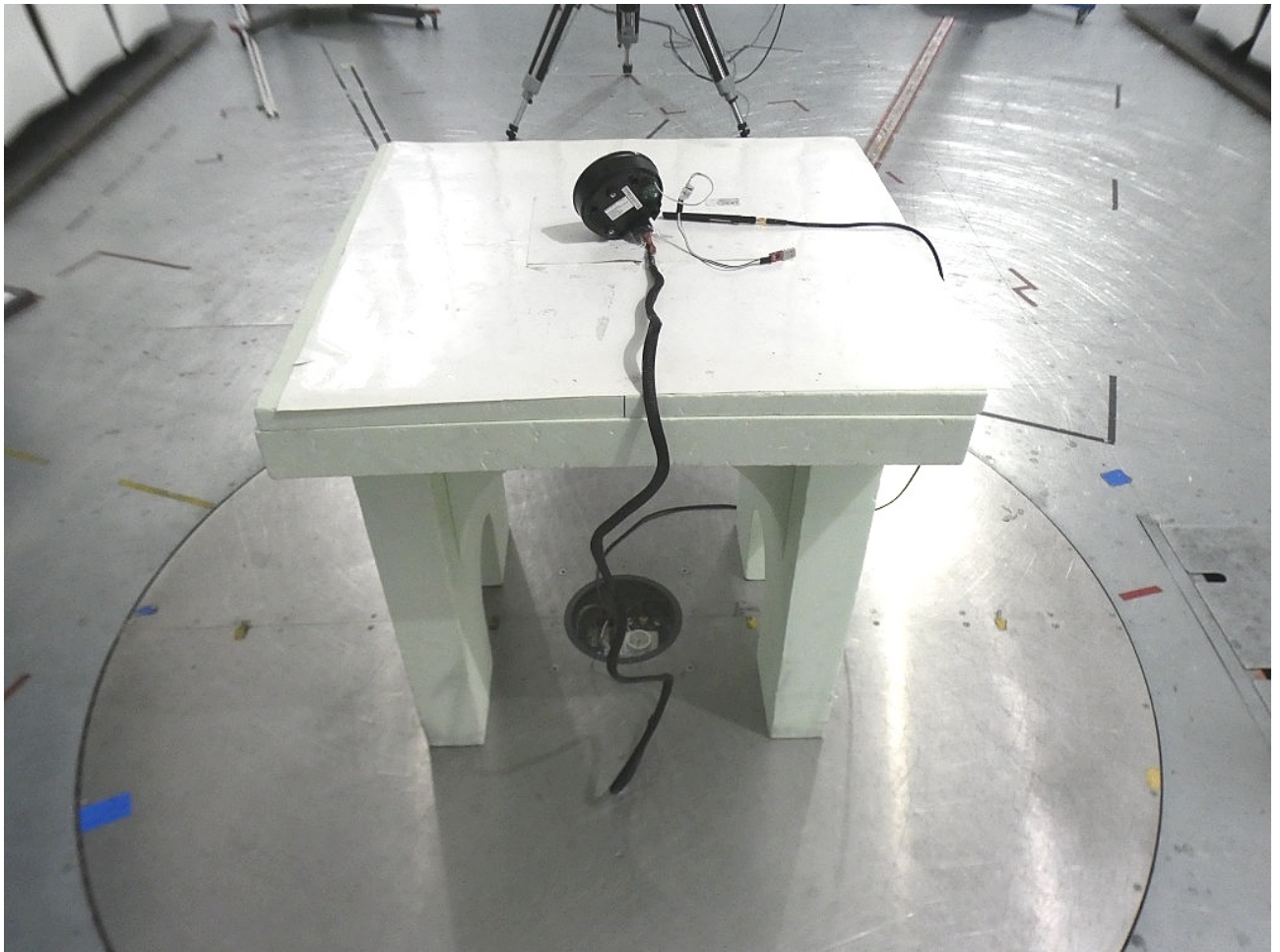


Photo 2: Test setup for radiated measurements (Enclosure, below 30 MHz, intentional radiator §15.209, ANSI C63.10), EUT

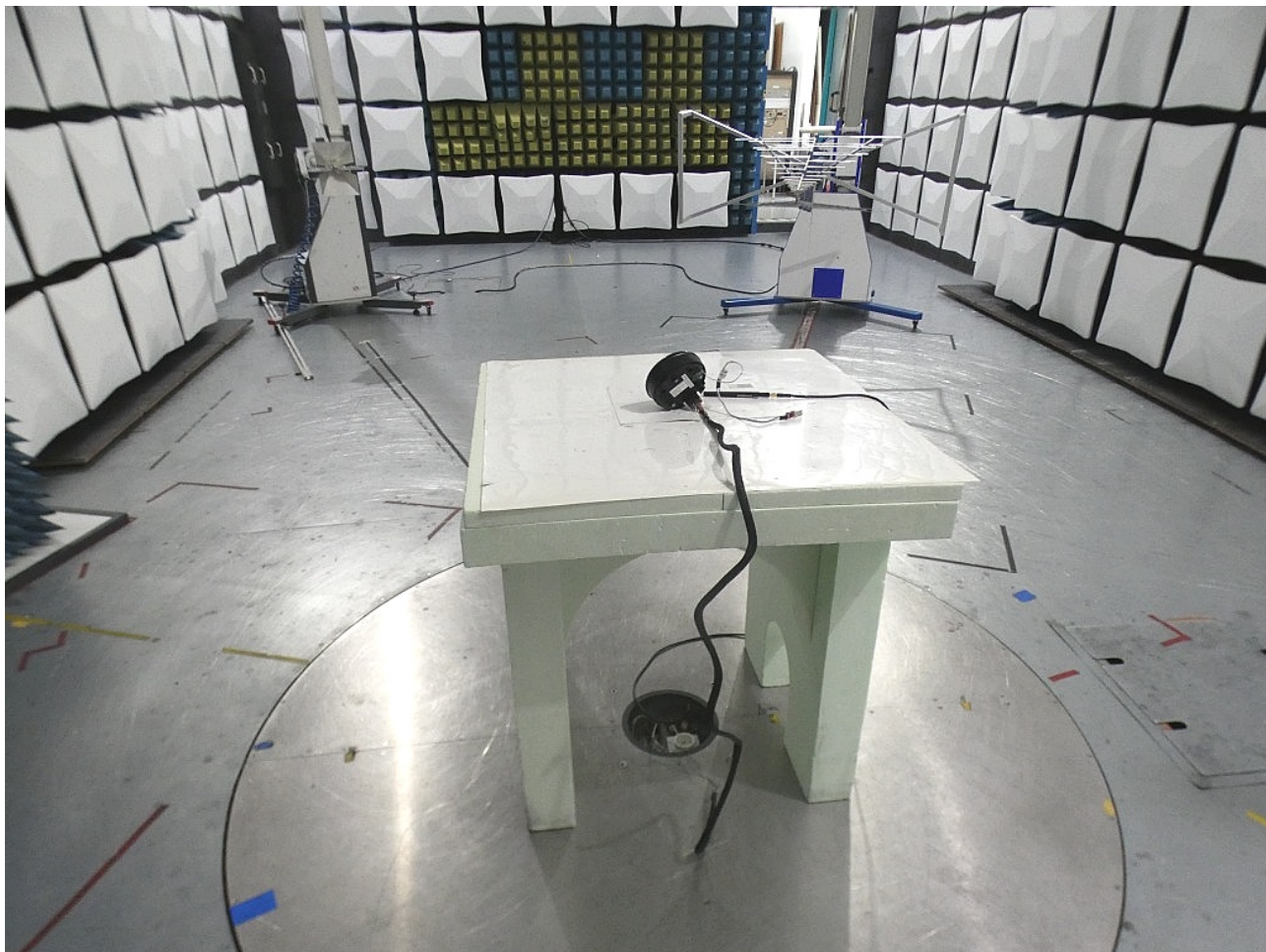


Photo 3: Test setup for radiated measurements (Enclosure, semi-anechoic chamber, 30 MHz to 1 GHz, intentional radiator §15, ANSI C63.10)

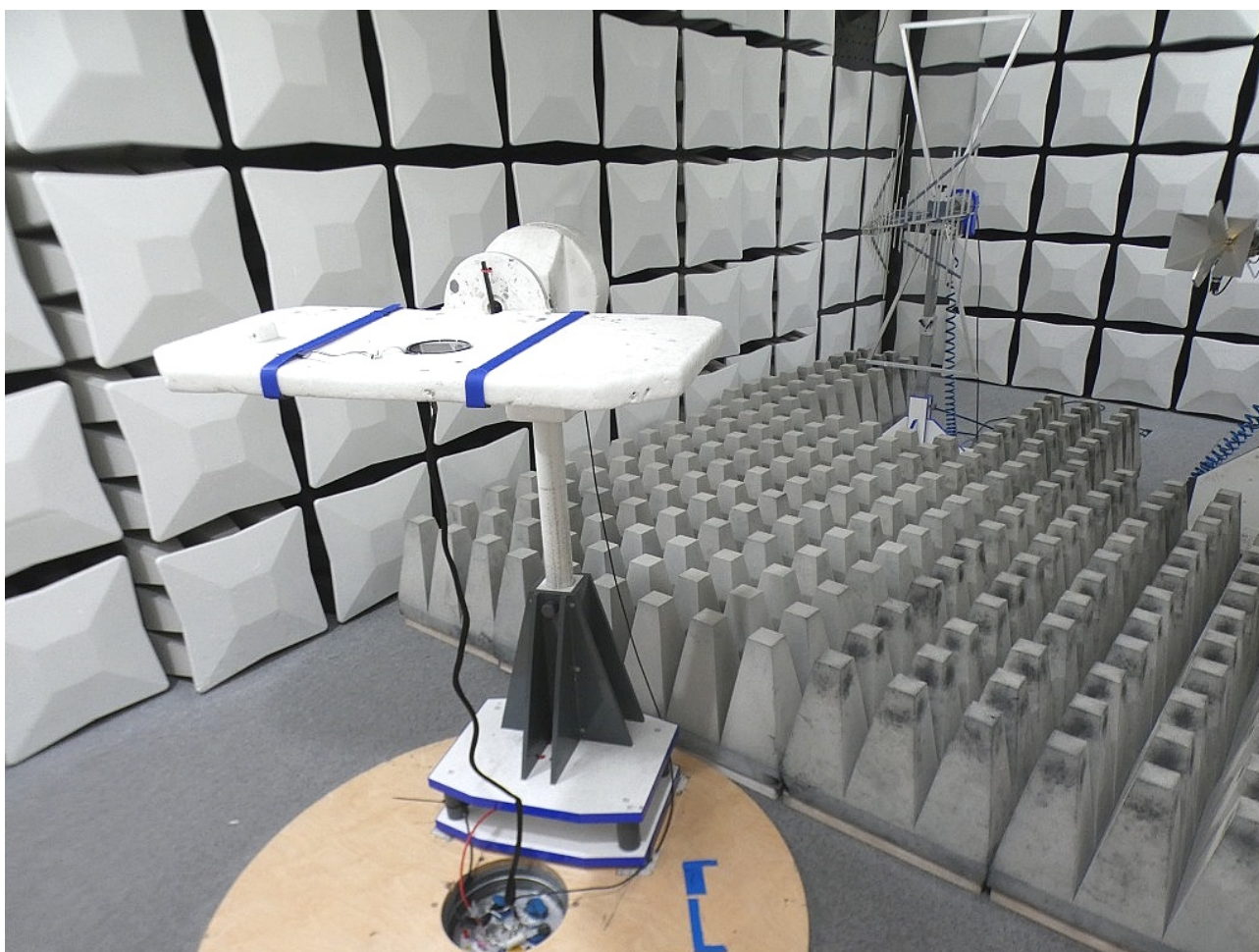


Photo 4: Test setup for radiated measurements (Enclosure, fully-anechoic chamber, 1-26 GHz intentional radiator §15, ANSI C63.10)

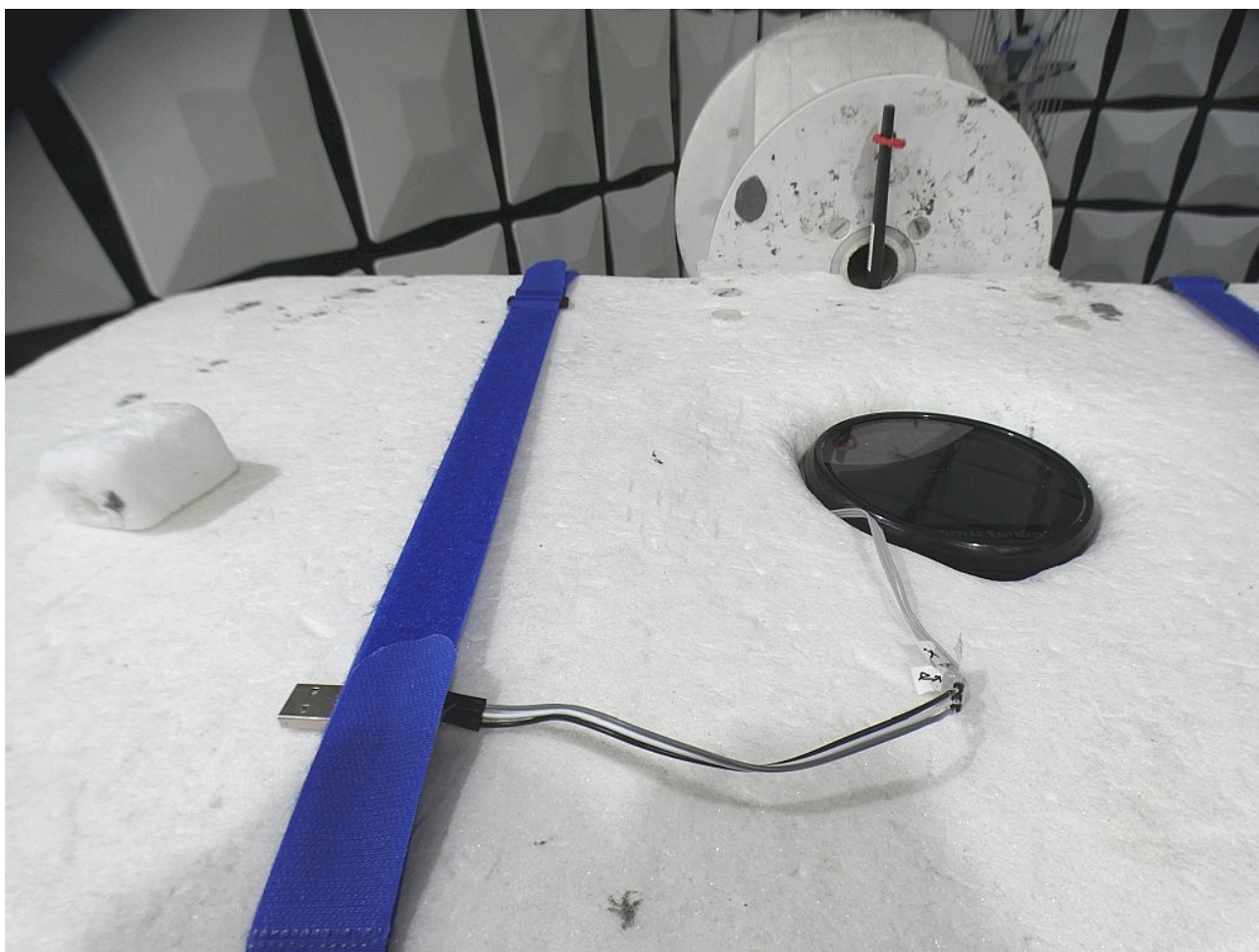


Photo 5: Test setup for radiated measurements (Enclosure, fully-anechoic chamber, 1-26 GHz intentional radiator §15, ANSI C63.10, EUT

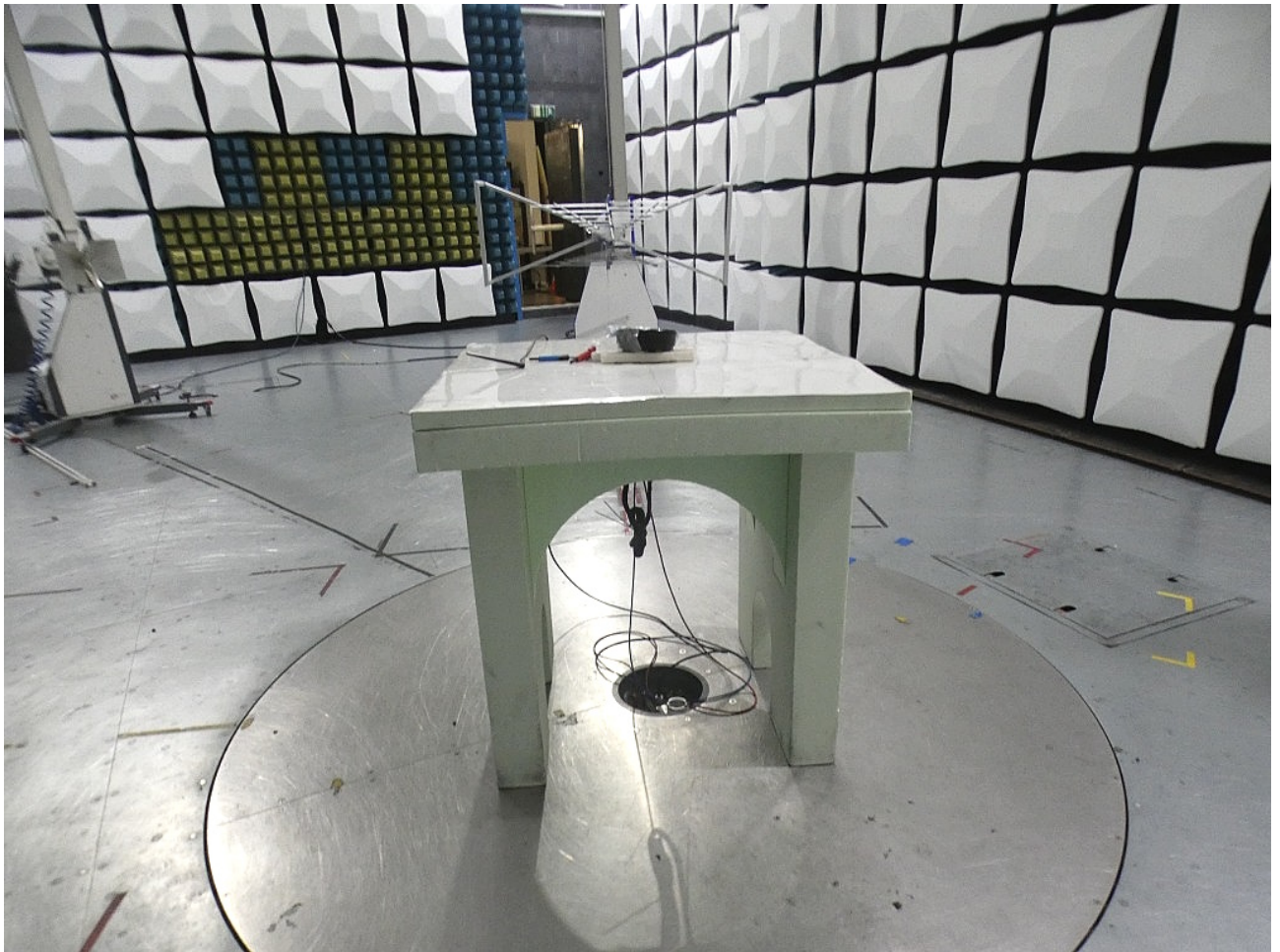


Photo 6: Test setup for radiated measurements, 30 MHz to 1 GHz, unintentional radiator §15.109, ANSI C63.4

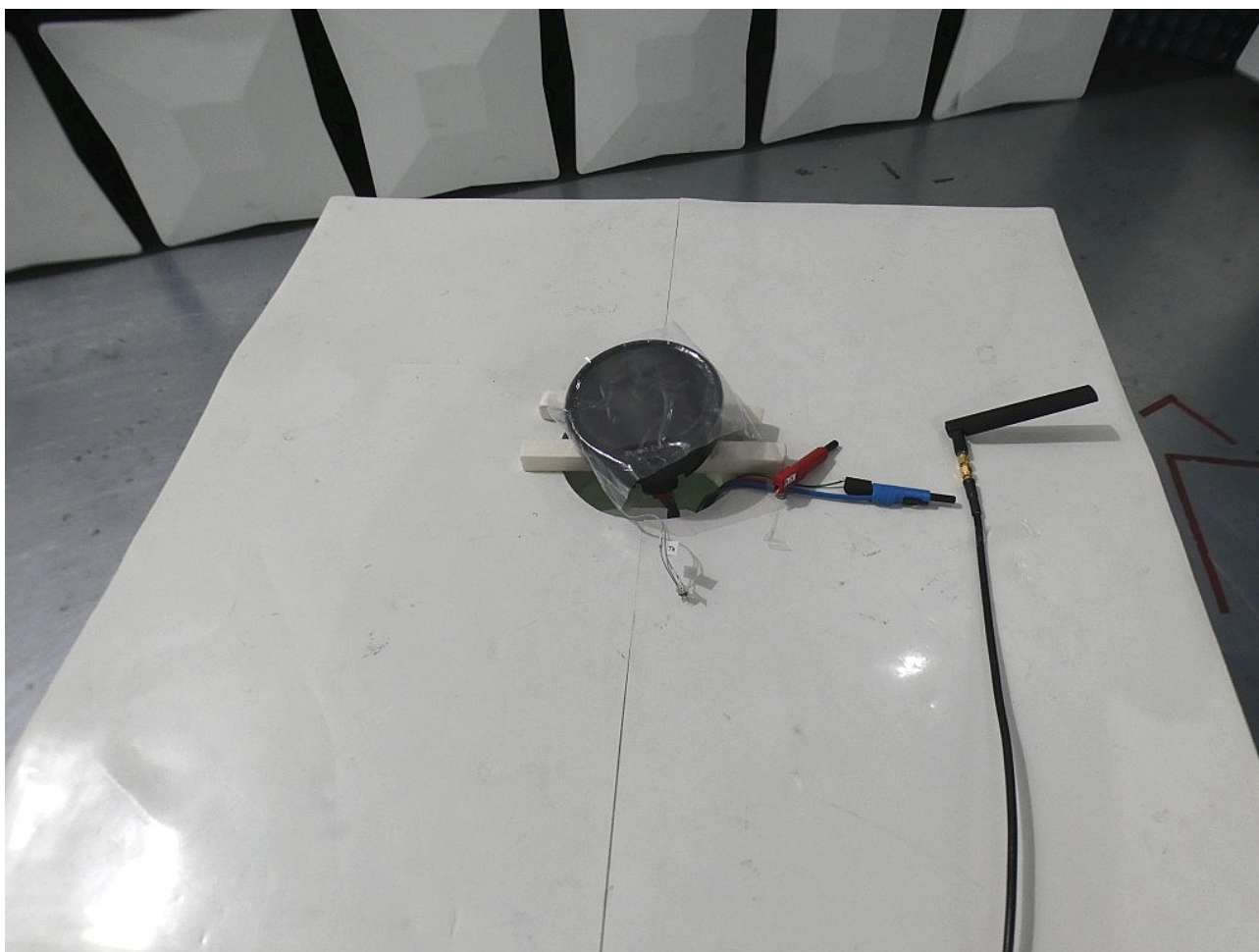


Photo 7: Test setup for radiated measurements, 30 MHz to 1 GHz, unintentional radiator §15.109, ANSI C63.4, EUT

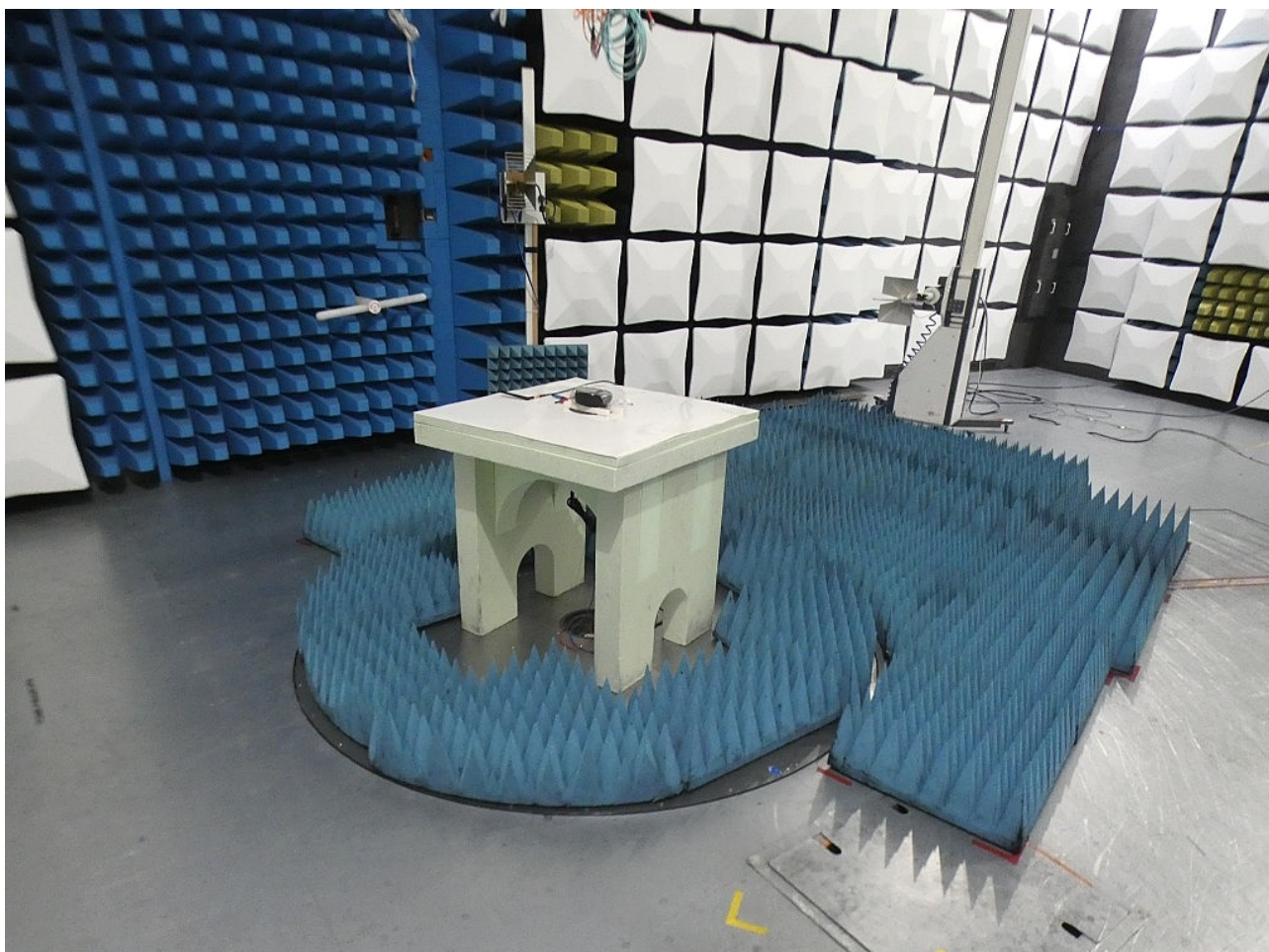


Photo 8: Test setup for radiated measurements, above 1 GHz, unintentional radiator §15.109, ANSI C63.4, boresight mast

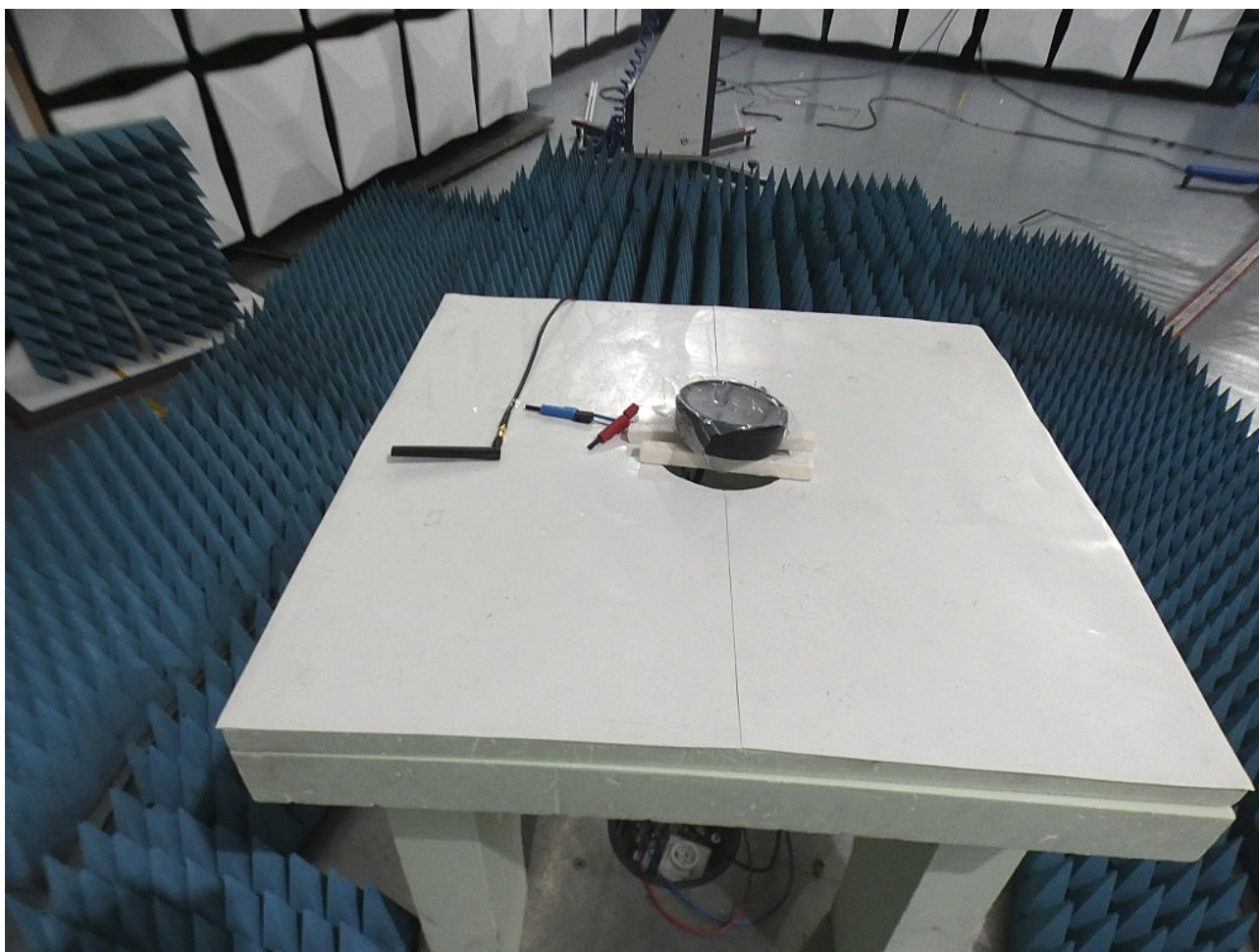


Photo 9: Test setup for radiated measurements, above 1 GHz, unintentional radiator §15.109, ANSI C63.4, EUT

Additional information on used equipment

TTL-USB converter

An USB-TTL-converter is necessary to set the EUT into the required operating mode (by an external computer). This is a temporary and auxiliary interface only used for testing purpose and can not be accessed / used by the end user.



Photo 10: TTL-USB converter connected to EUT, but not supplied during tests



Photo 11: Auxiliary TTL-USB converter, detail

Usage of Monitoring Antenna

A monitoring antenna is visible at some photos.

This is lab's monitoring antenna which is NOT connected to the EUT. The purpose of this antenna, a spectrum analyser is attached outside the chamber, is to verify that the EUT does not cease transmission or interrupts transmission.

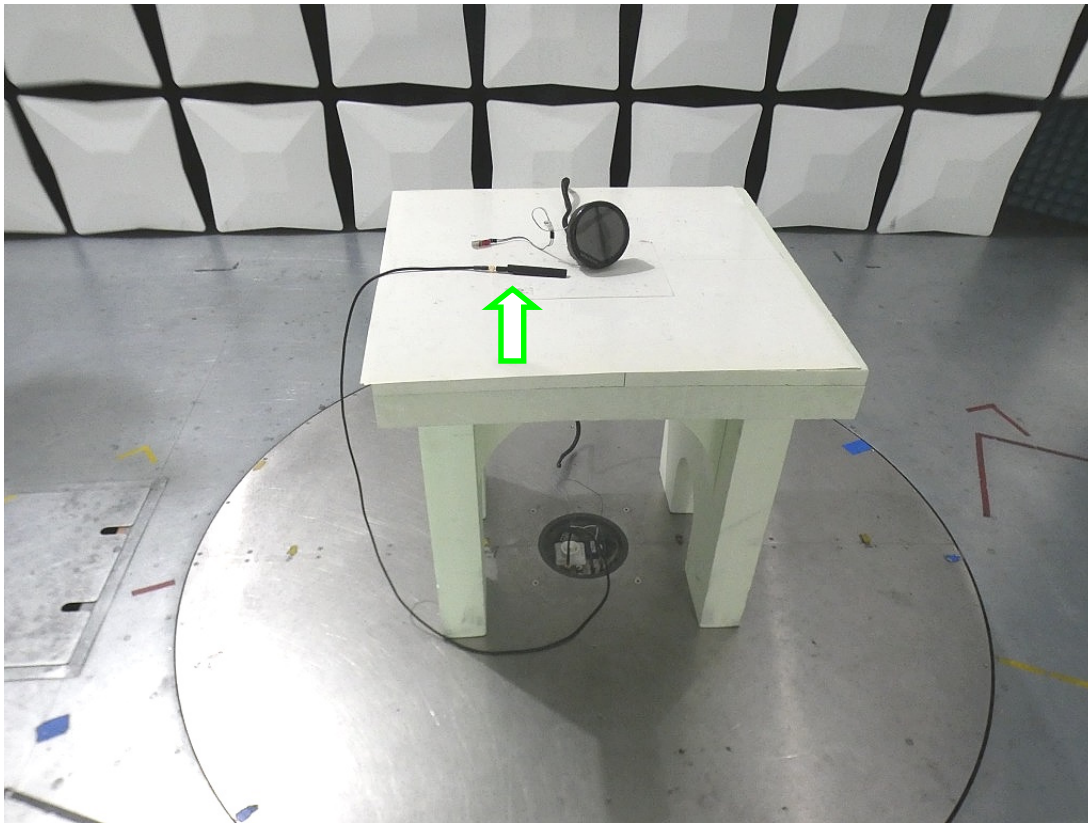


Photo 12: Monitoring antenna, marked by green arrow