

Prüfbericht-Nr.: Test report no.:	E24P27W-001 Appendix 1	Auftrags-Nr.: Order no.:	290100495	Seite 1 von 13 Page 1 of 13
Kunden-Referenz-Nr.: Client reference no.:	1774198	Auftragsdatum: Order date:	2023.10.25	
Auftraggeber: Client:	IKEA of Sweden AB			
Prüfgegenstand: Test item:	Hub for smart products			
Bezeichnung / Typ-Nr.: Identification / Type no.:	DIRIGERA / E2315 /FCC ID: FHO-E2315			
Auftrags-Inhalt: Order content:	Accredited testing			
Prüfgrundlage: Test specification:	FCC 47 CFR Part 15.247 with parts 15.207 & 15.209 ANSI C63.10: 2013			
Wareneingangsdatum: Date of sample receipt:	2023.12.06			
Prüfmuster-Nr.: Test sample no.:	N/A			
Prüfzeitraum: Testing period:	N/A			
Ort der Prüfung: Place of testing:	Lund, Sweden			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland Sweden			
Prüfergebnis*: Test result*:	Pass			
überprüft von: reviewed by:	genehmigt von: authorized by:			
Datum: 2024.04.15 Date:	Datum: 2024.04.15 Date:			
Stellung / Position: Test Engineer	Stellung / Position: Lab Manager			
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:				
Prüfmuster vollständig und unbeschädigt Test item complete and undamaged				
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend N/A = nicht anwendbar	4 = ausreichend N/T = nicht getestet
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory N/A = not applicable	4 = sufficient N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts.</i>				

Revision History

REVISION	DATE	REMARKS	AUTHOR
001	2024.04.15	First Release	Maria Nyltun
Note: Latest revision report will replace all previous reports			
This report based on FCC Part 15B no JBP Template version 1.1			

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1. GENERAL INFORMATION

1.1 Test Site

Test Facility:	TÜV Rheinland Sweden AB
Address:	Mobilvägen 10
	223 62 Lund
	Sweden
Swedac Registration Number:	10325
FCC Test Firm Registration Number:	517458
ISED Test Site Registration Number:	24753

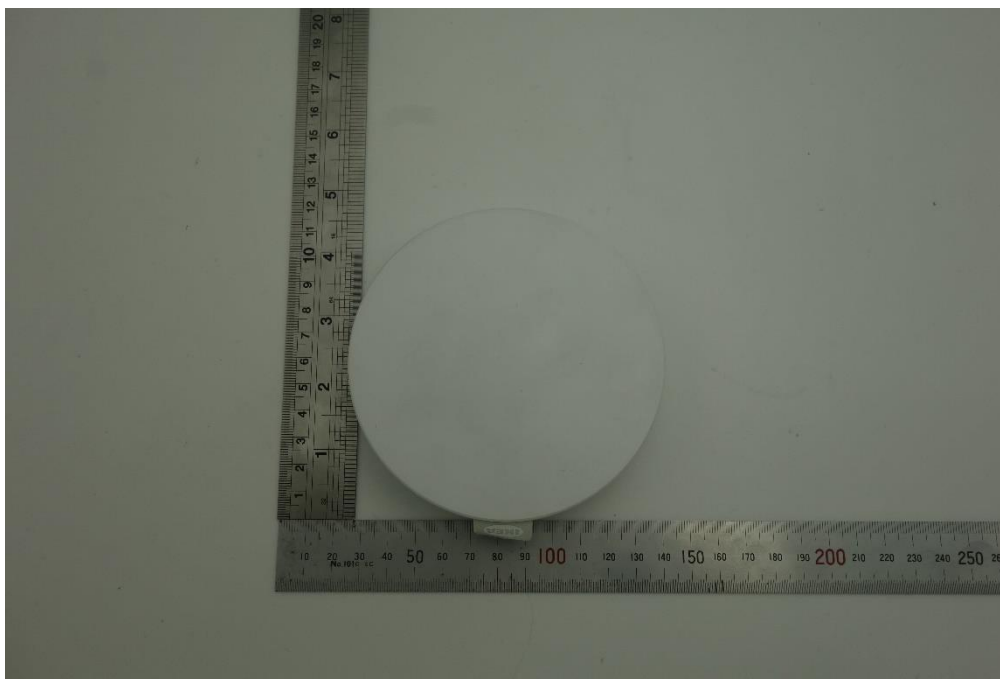
1.2 Client Information

Company Name:	IKEA of Sweden AB
Address:	Tulpanvägen 8
	343 34 Älmhult
	Sweden
Contact Person:	Gurudeep Manjulgud Devraj
Contact e-Mail / Telephone	gurudeep.manjulgud.devraj@inter.ikea.com

2. Photographs

2.1 Photographs of the EUT

Top view



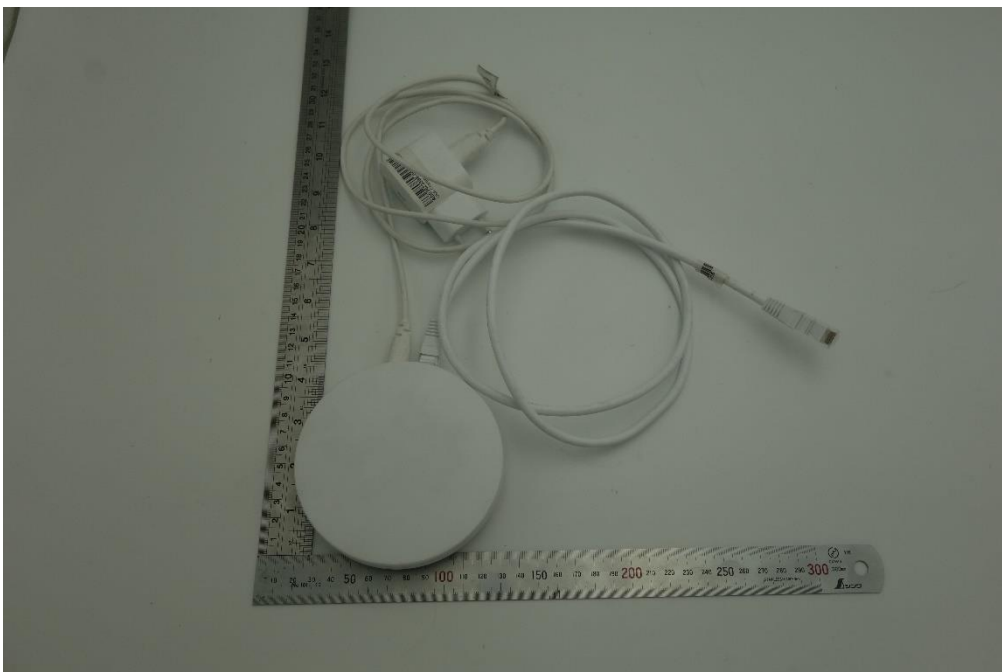
Side view



Bottom view

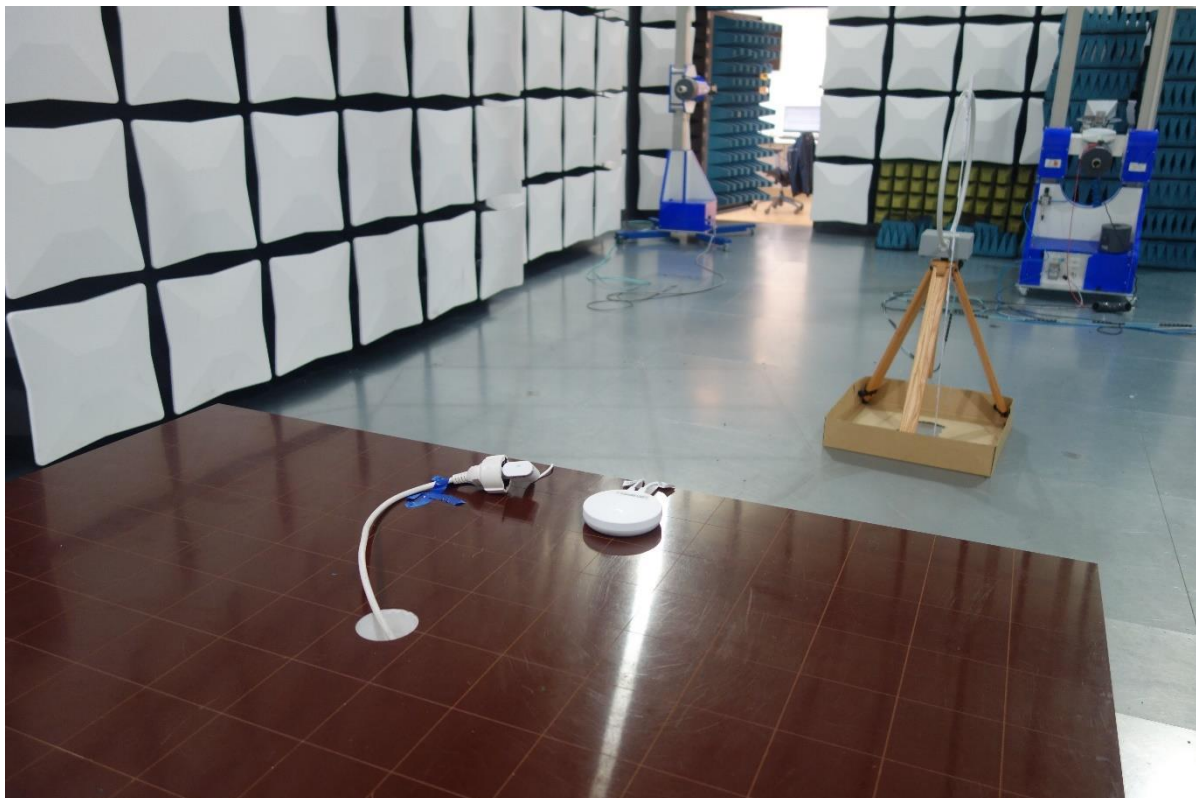
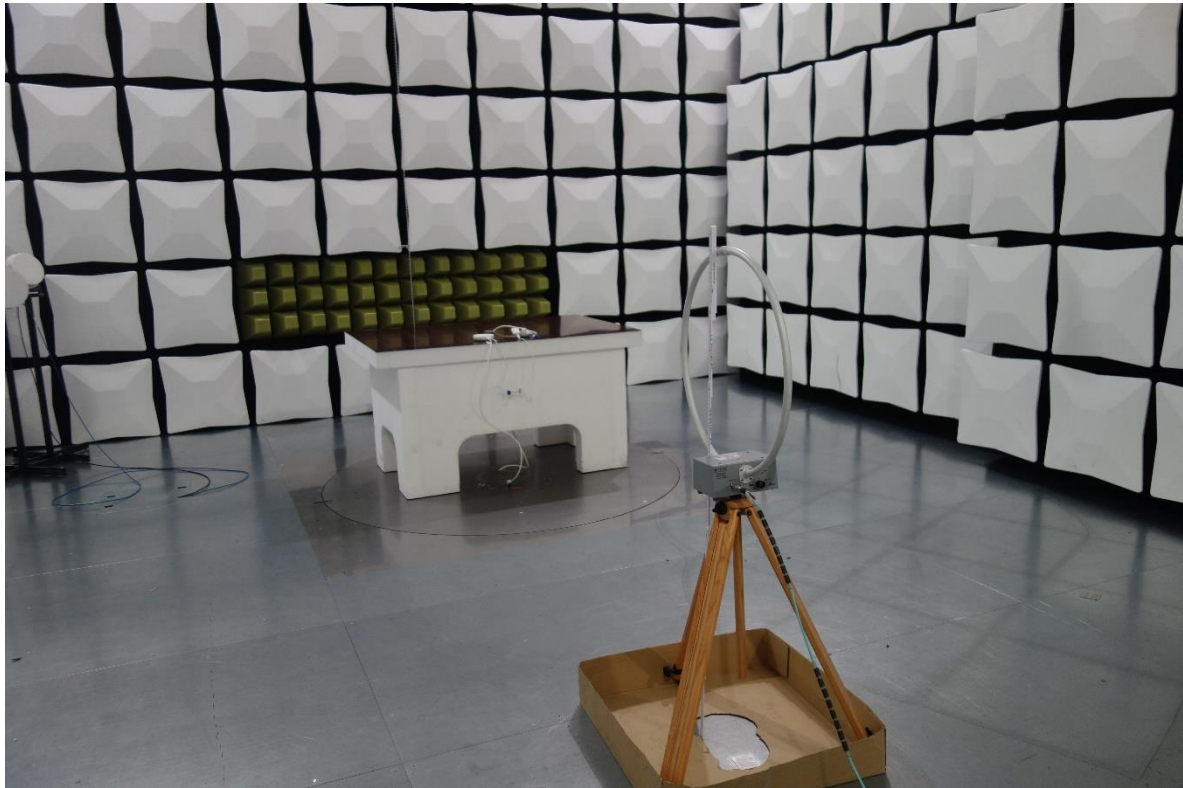


DUT inclusive power supply and ethernet cable

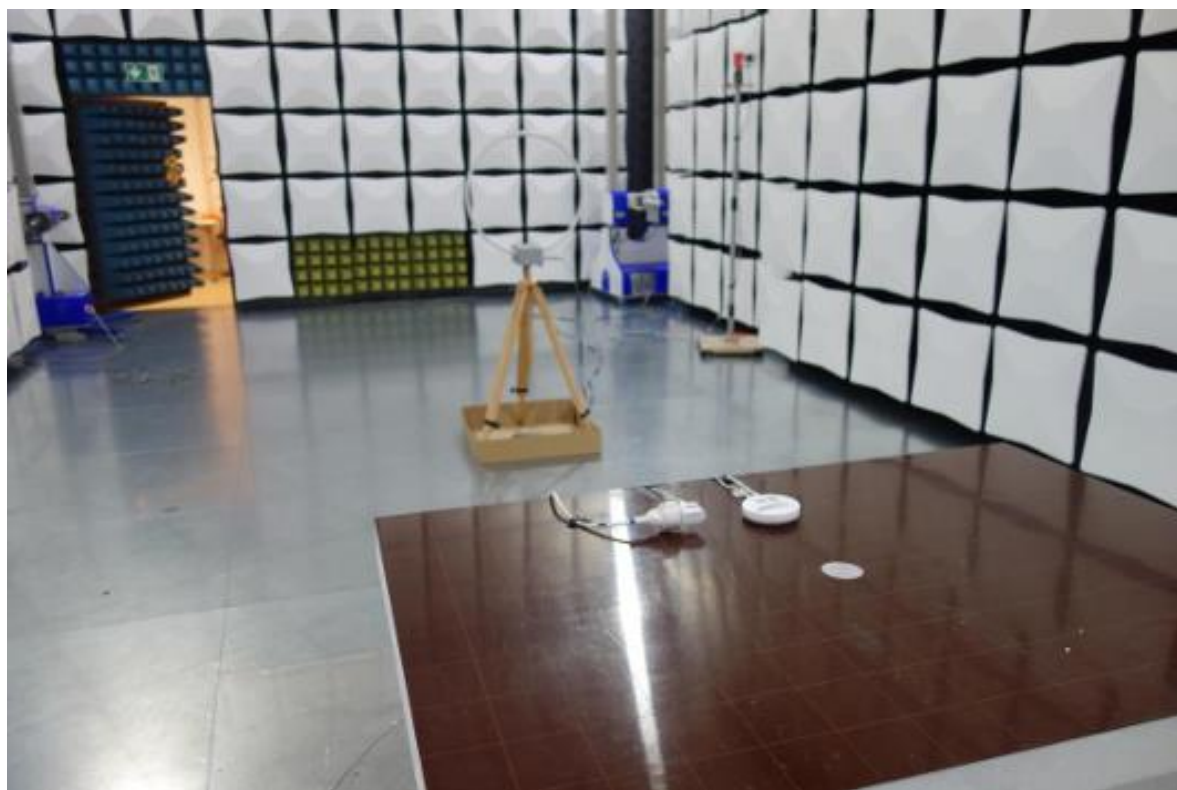


2.2 Photographs of the Test Setup: Radiated Emission 9 kHz – 30 MHz

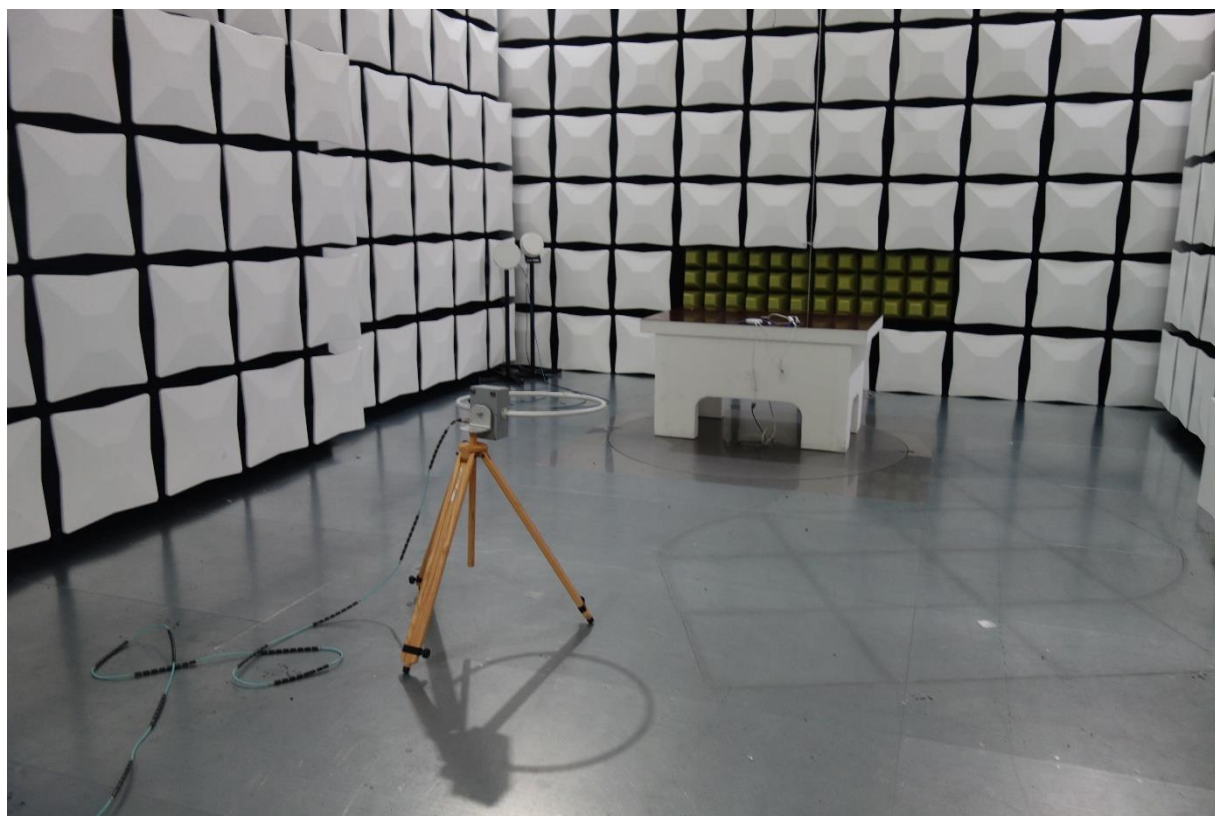
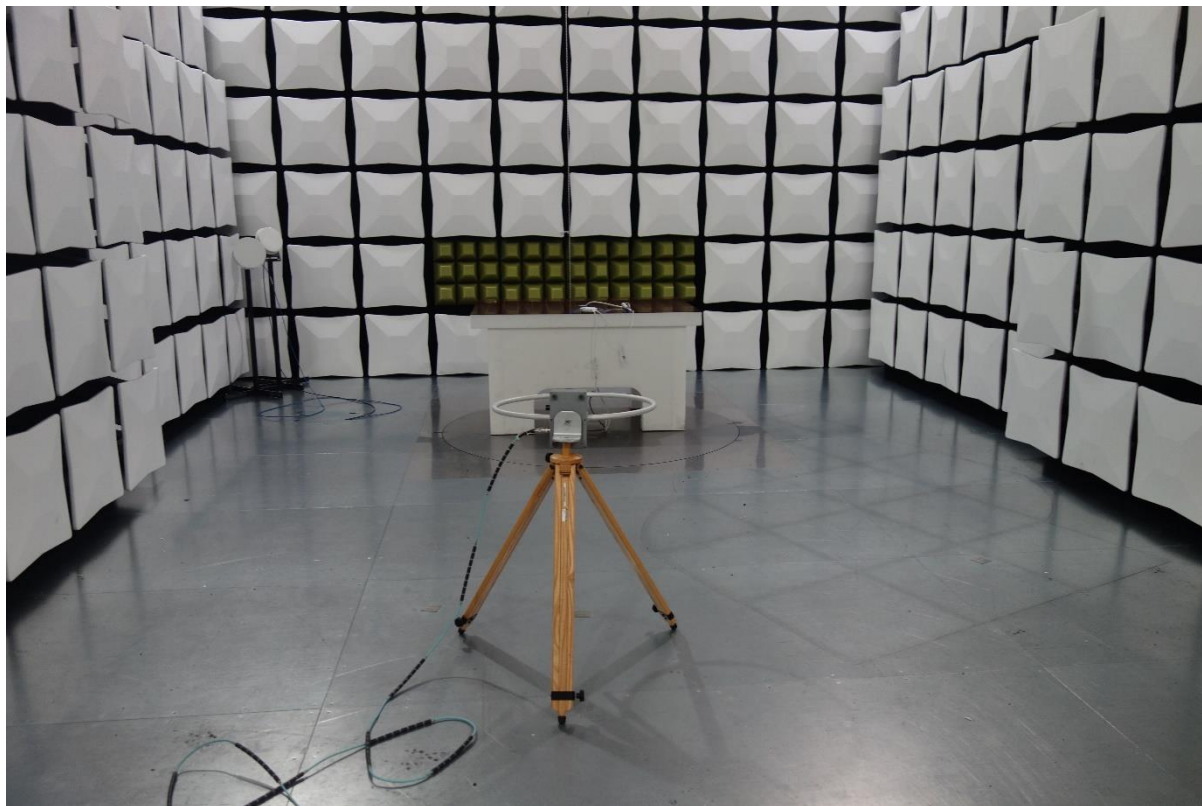
Loop Antenna Parallel to Axis



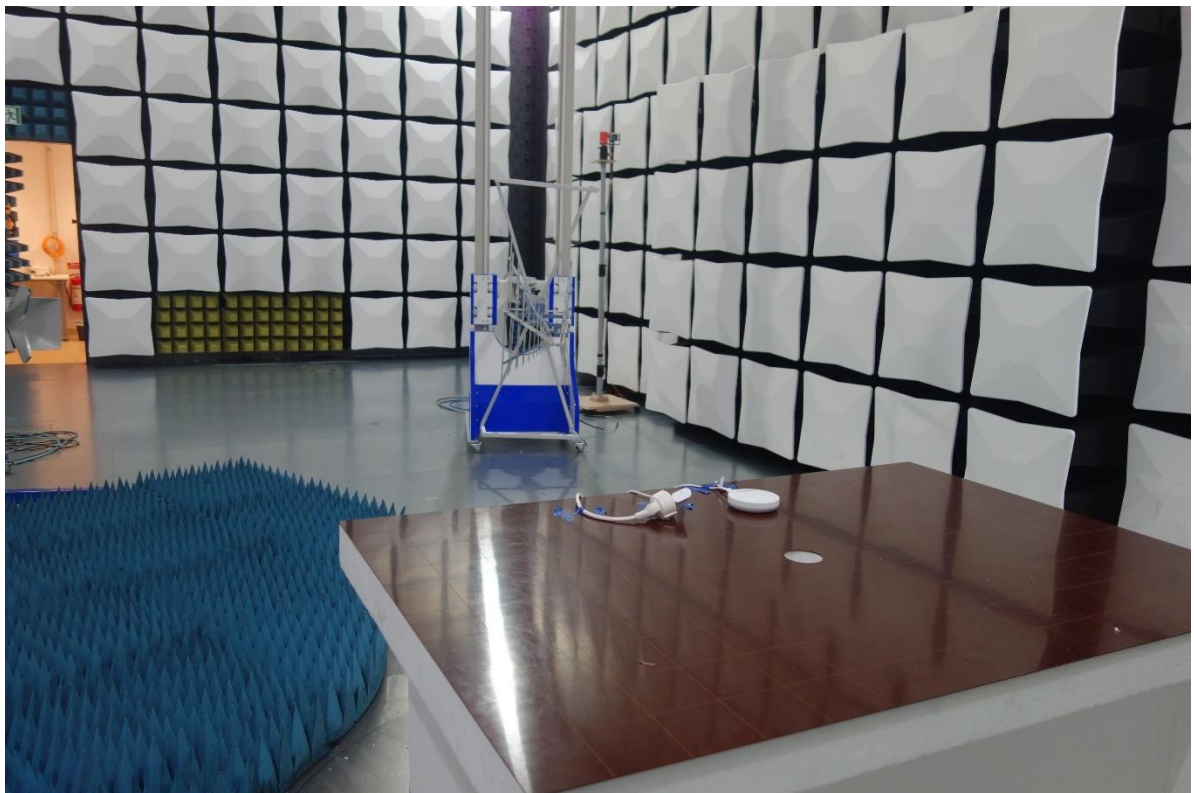
Loop Antenna Perpendicular to Axis



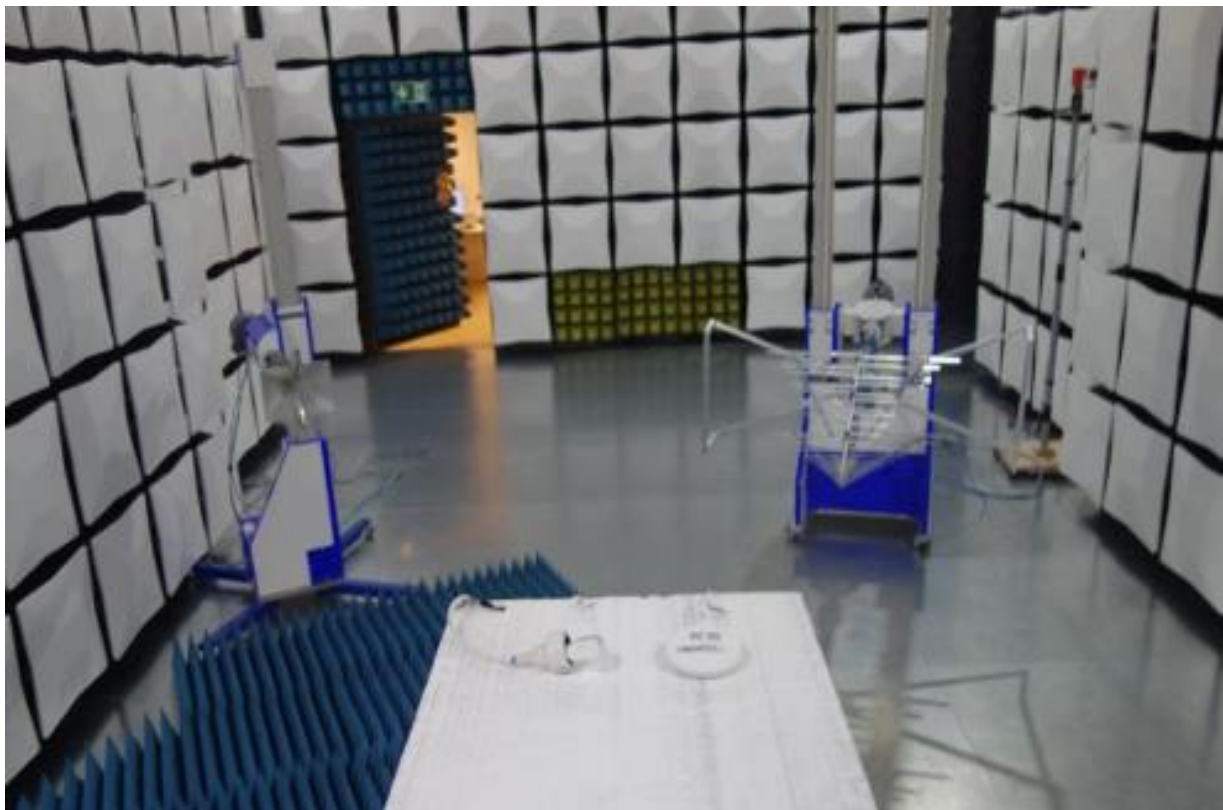
Loop Antenna Parallel to Floor



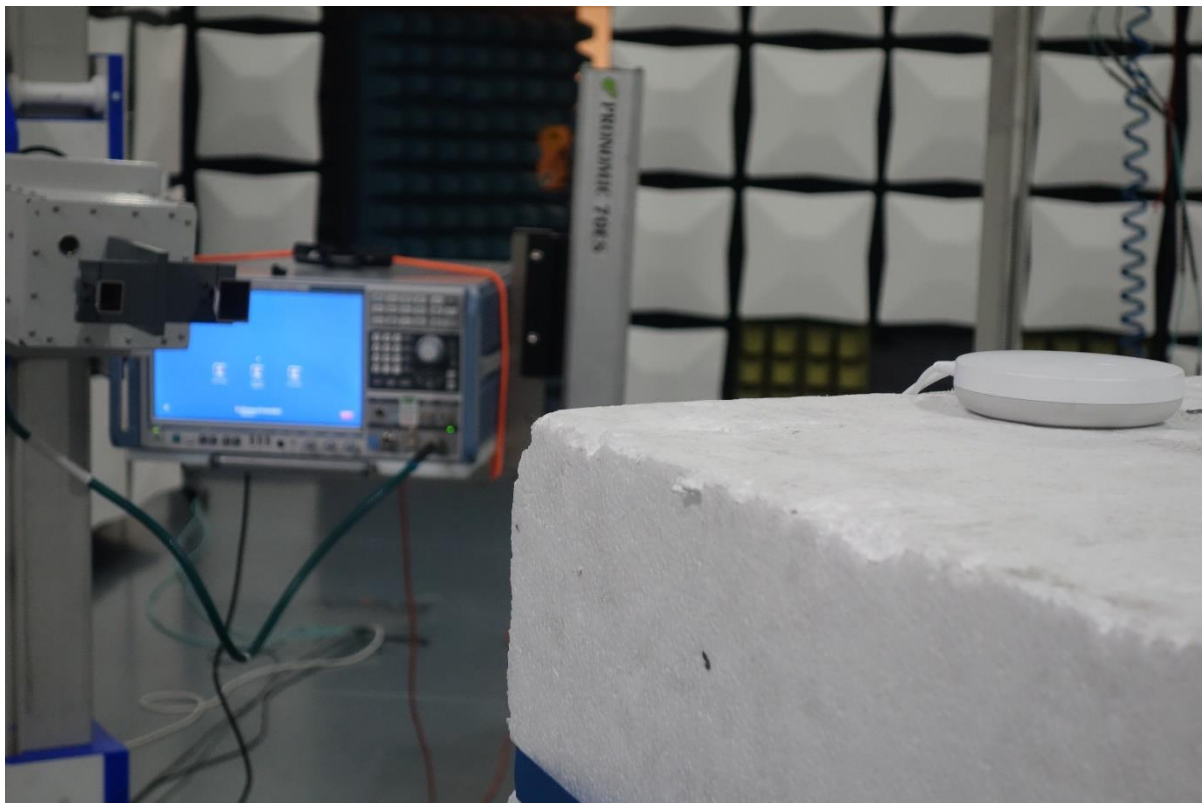
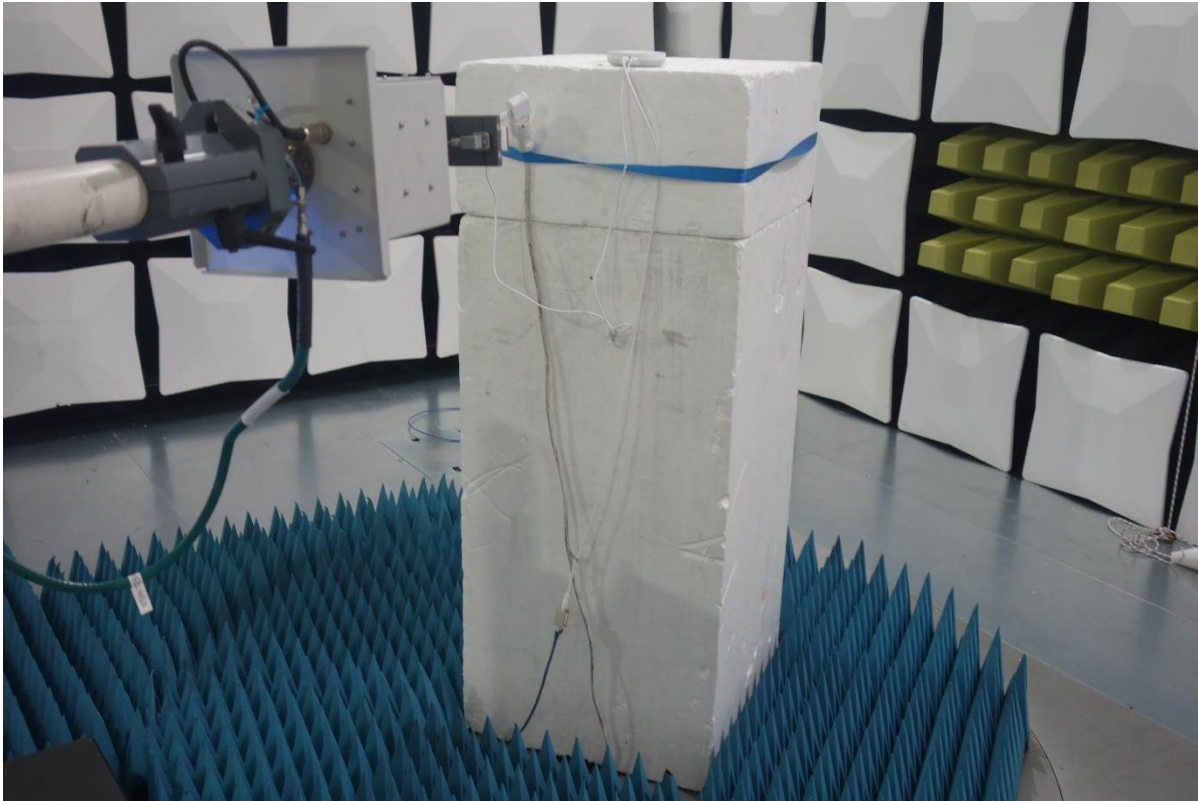
2.3 Photographs of the Test Setup: Radiated Emission 30 MHz – 1 GHz



2.4 Photographs of the Test Setup: Radiated Emission 1 GHz – 18 GHz



2.5 Photographs of the Test Setup: Radiated Emission 18 GHz – 40 GHz



2.6 Photographs of the Test Setup: Conducted Emissions

