




Prüfbericht-Nr.: <i>Test report no.:</i>	SE24JSHA-001 Appendix 1	Auftrags-Nr.: <i>Order no.:</i>	290100495	Seite 1 von 13 <i>Page 1 of 13</i>
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	1774198	Auftragsdatum: <i>Order date:</i>	2023.10.25	
Auftraggeber: <i>Client:</i>	IKEA of Sweden AB			
Prüfgegenstand: <i>Test item:</i>	Hub for smart products			
Bezeichnung / Typ-Nr.: <i>Identification / Type no.:</i>	DIRIGERA / E2315 /FCCID: FHO-E2315			
Auftrags-Inhalt: <i>Order content:</i>	Accredited testing			
Prüfgrundlage: <i>Test specification:</i>	FCC 47 CFR Part 15.247 with parts 15.207 & 15.209 ANSI C63.10: 2013			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2023.12.06			
Prüfmuster-Nr.: <i>Test sample no.:</i>	N/A			
Prüfzeitraum: <i>Testing period:</i>	N/A			
Ort der Prüfung: <i>Place of testing:</i>	Lund, Sweden			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland Sweden			
Prüfergebnis*: <i>Test result*:</i>	Pass			
überprüft von: <i>reviewed by:</i>	<input checked="" type="checkbox"/> 	genehmigt von: <i>authorized by:</i>	<input checked="" type="checkbox"/> 	
Datum: 2024.04.15 <i>Date:</i>	Signed by: Maria Nyttun	Datum: 2024.04.15 <i>Date:</i>	Signed by: Hakan Ahlberg	
Stellung / Position:	Test Engineer	Stellung / Position:	Lab Manager	
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende:	1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet			
* Legend:	1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested			
<p>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></p>				

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

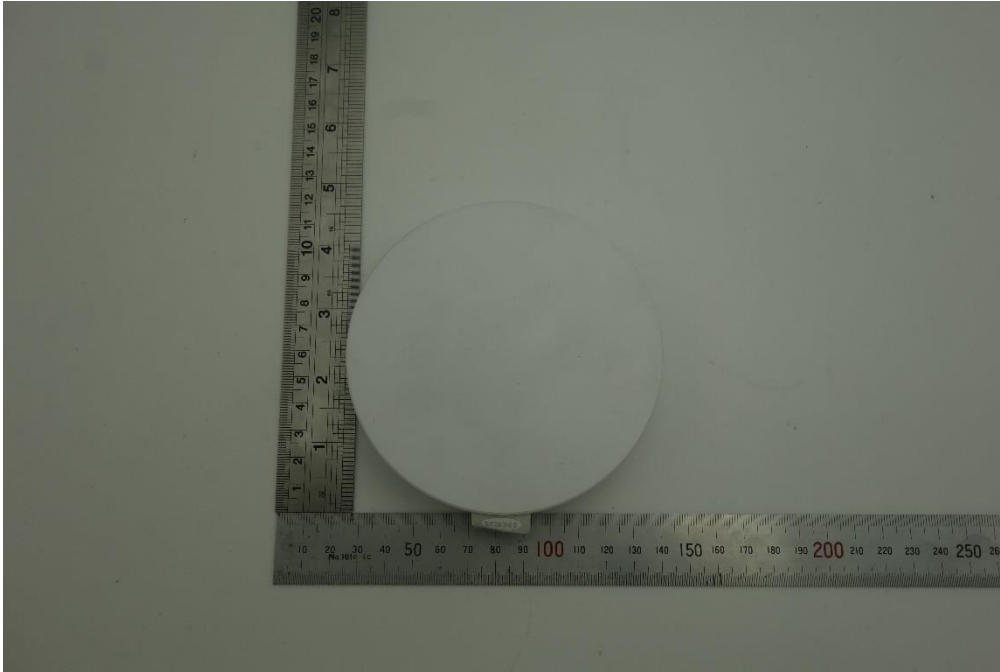
1.2 Client Information

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

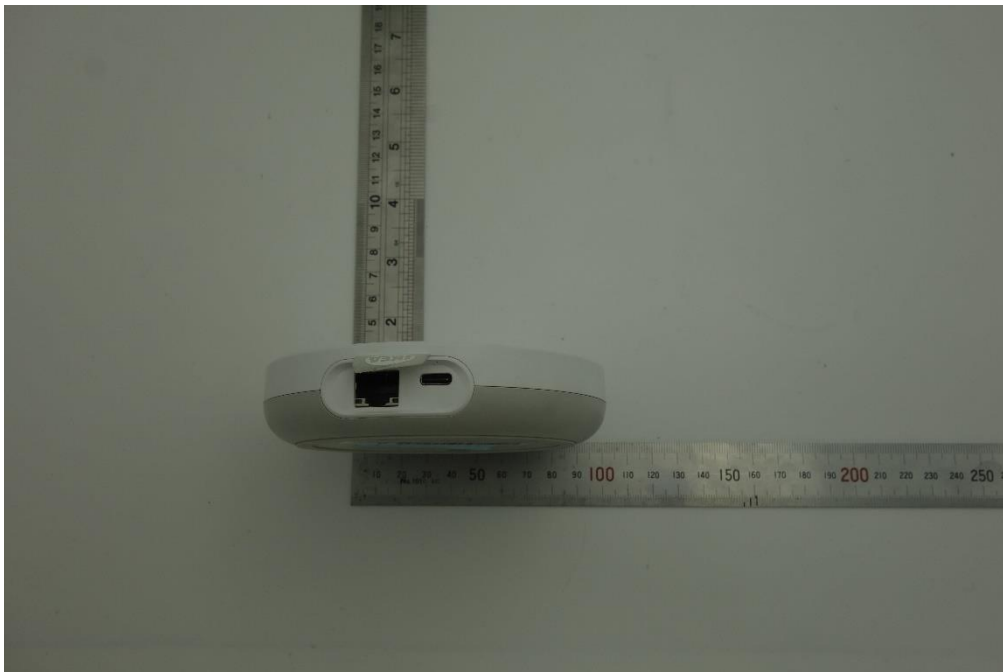
2. Photographs

2.1 Photographs of the EUT

Top view



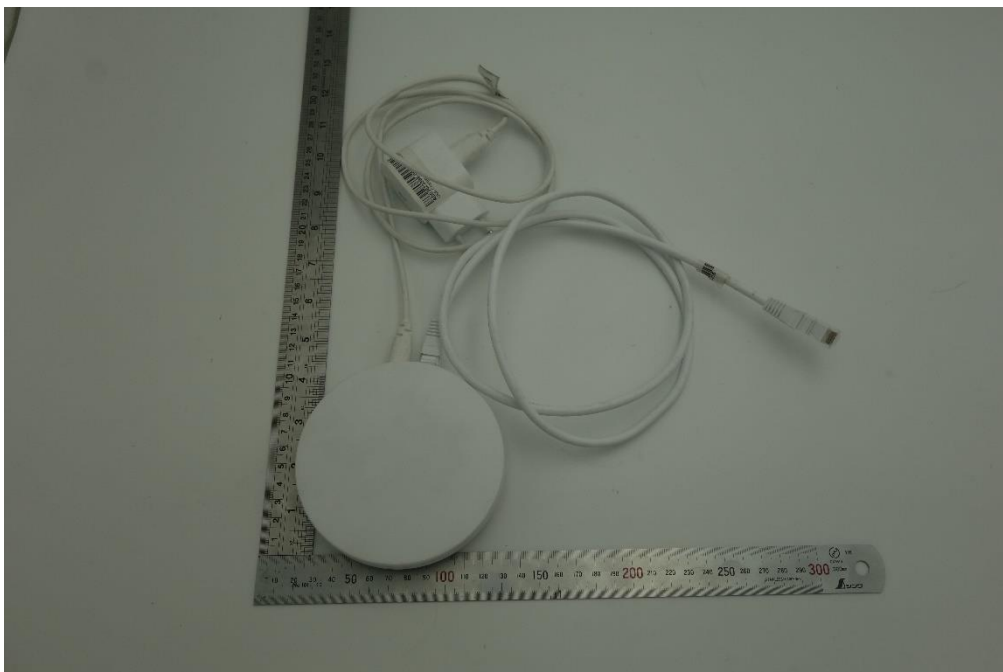
Side view



Bottom view

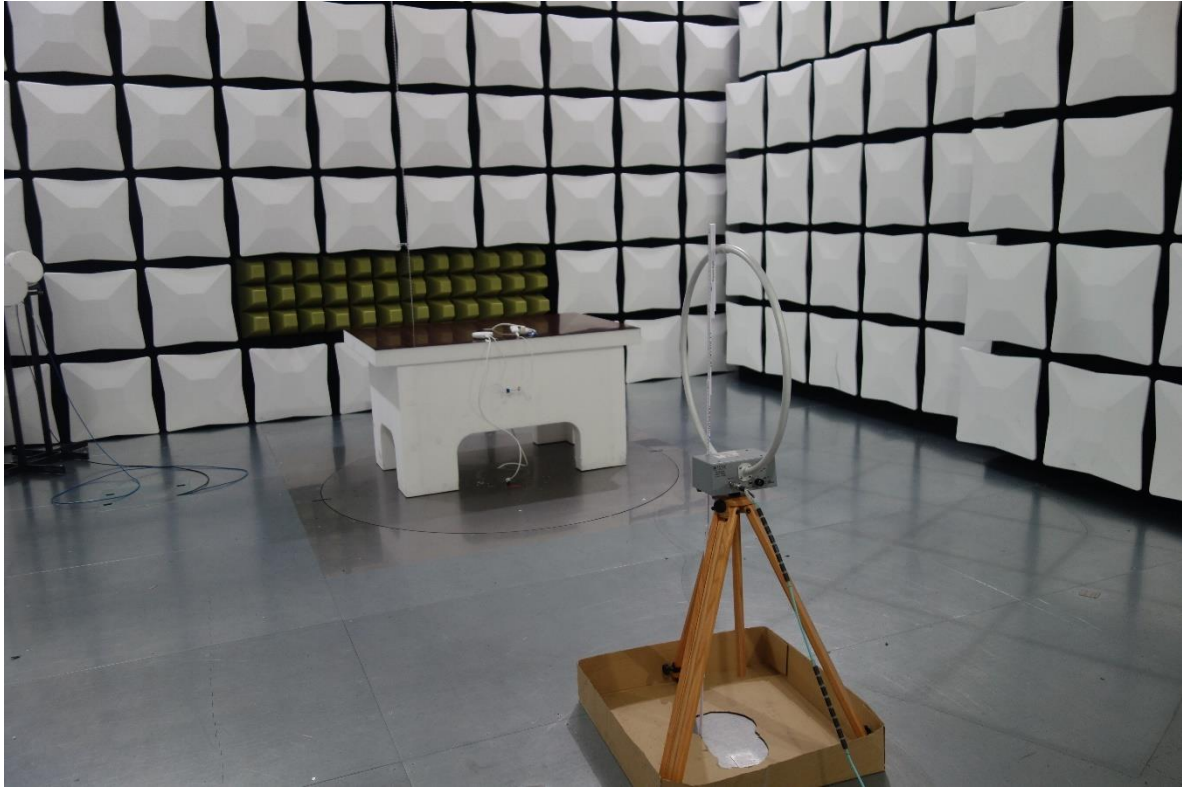


DUT inclusive power supply and ethernet cable



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

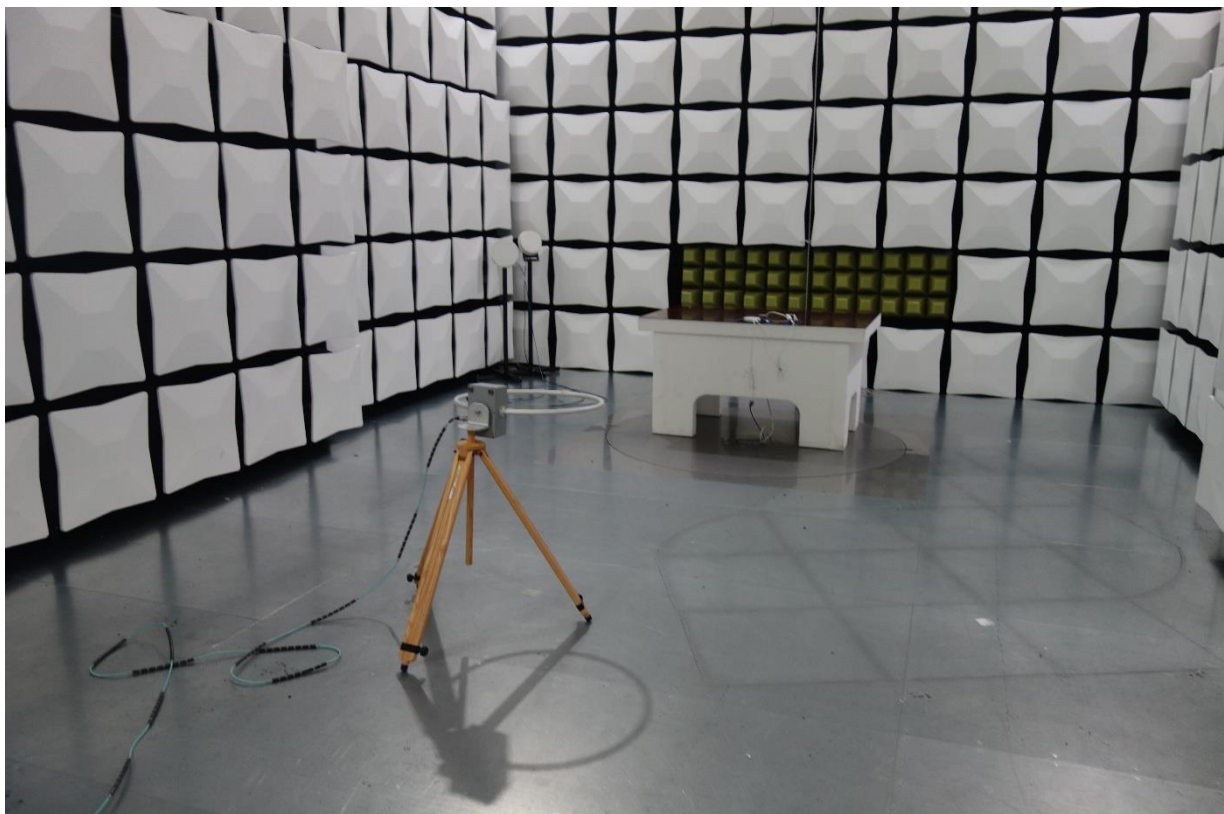
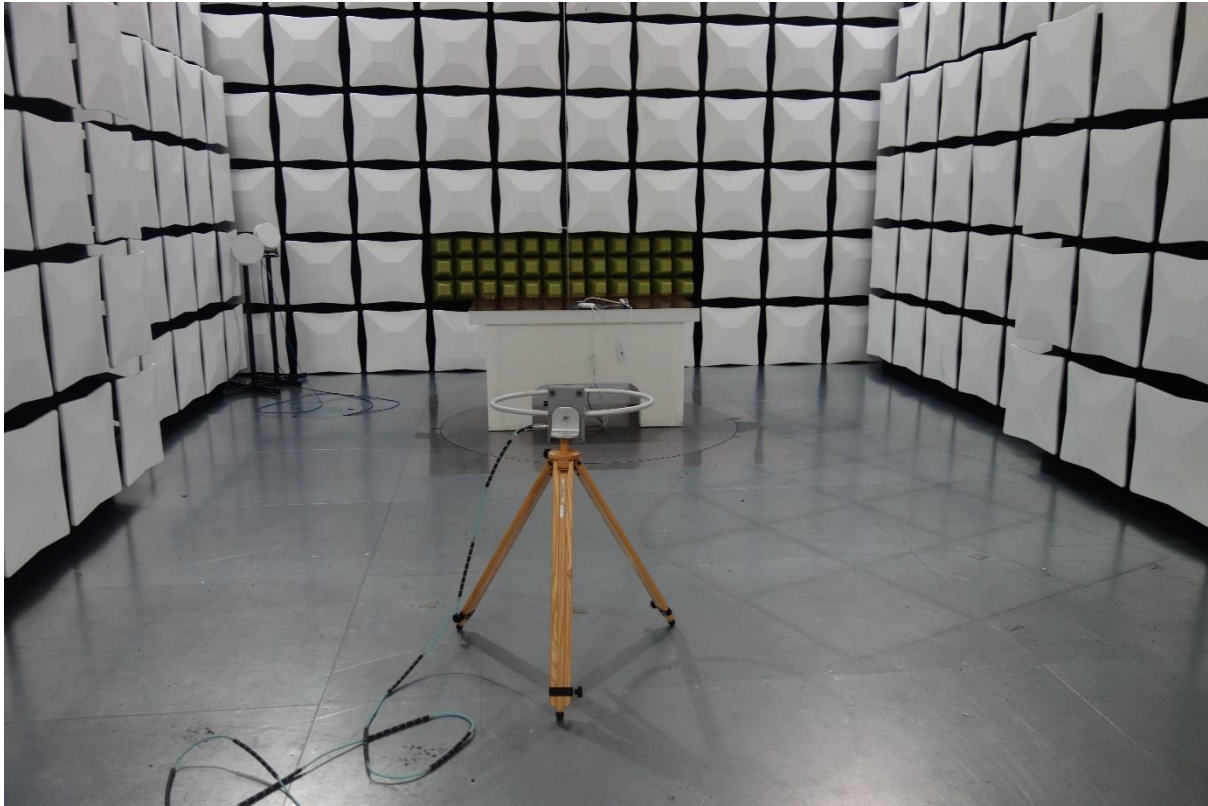
Loop Antenna Parallel to Axis



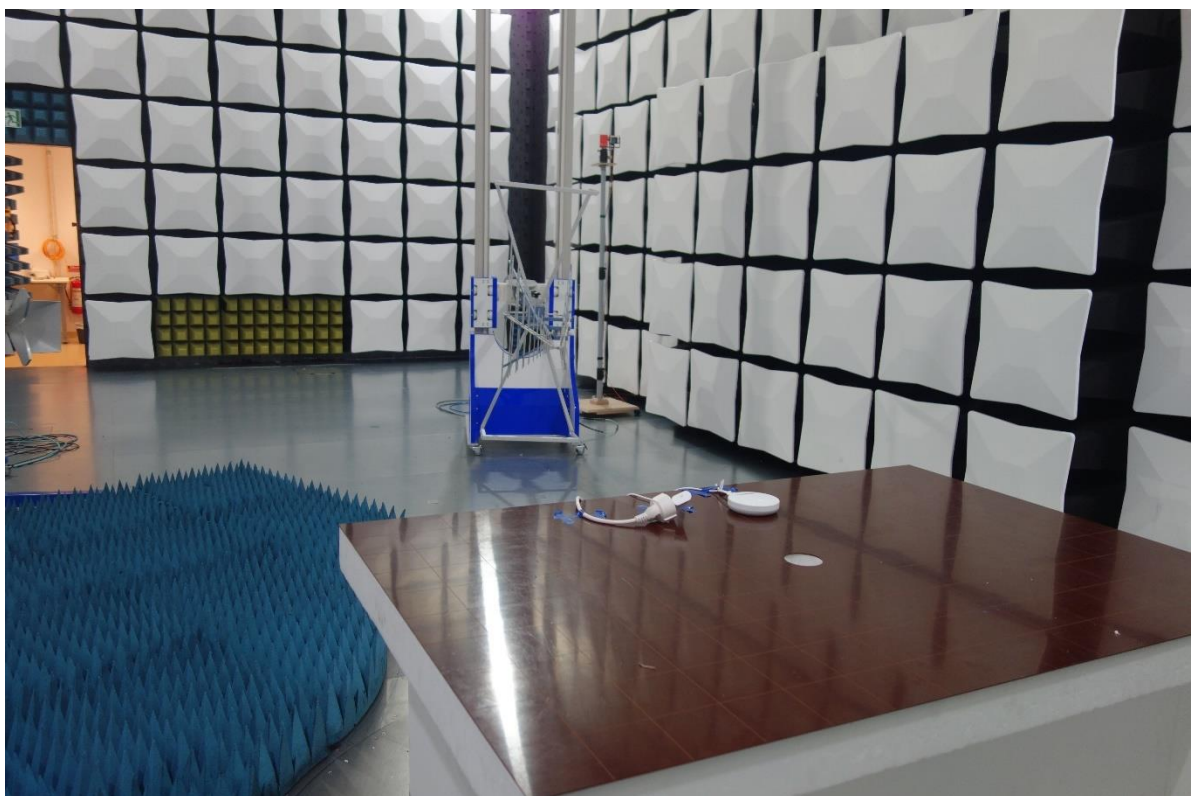
Loop Antenna Perpendicular to Axis



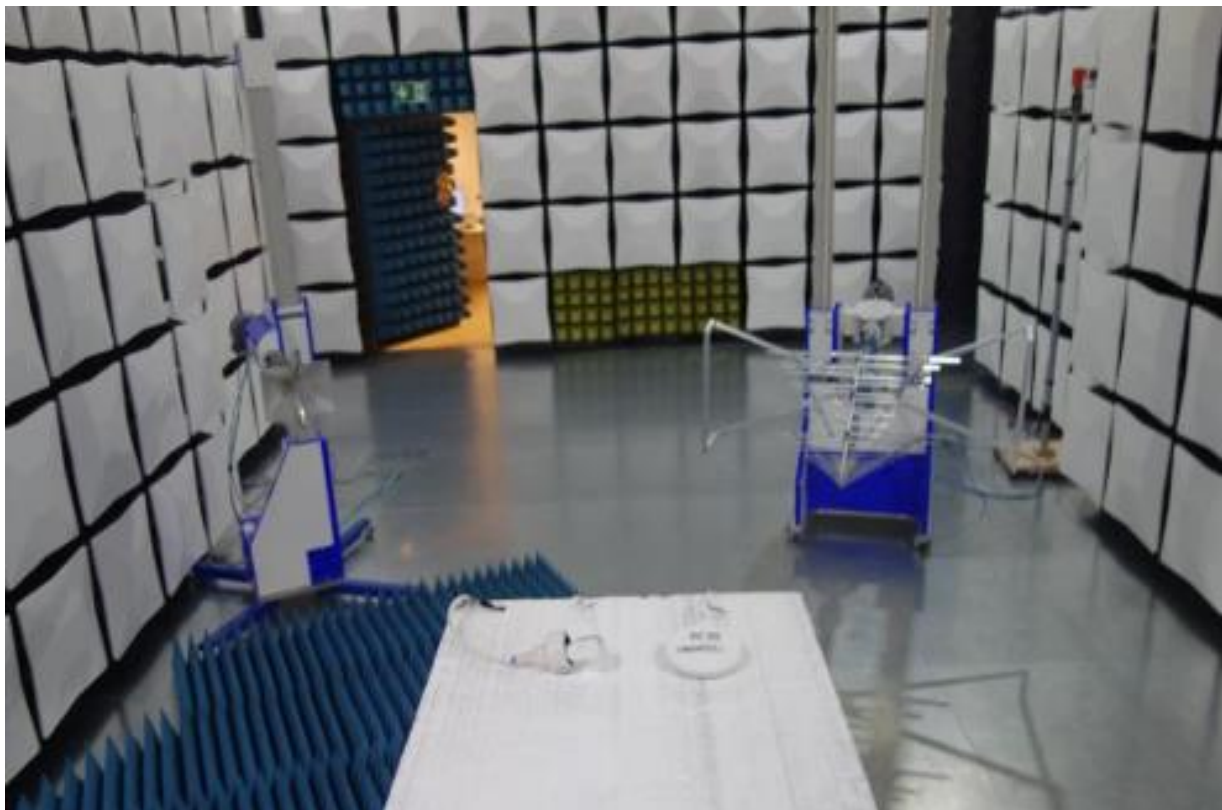
Loop Antenna Parallel to Floor



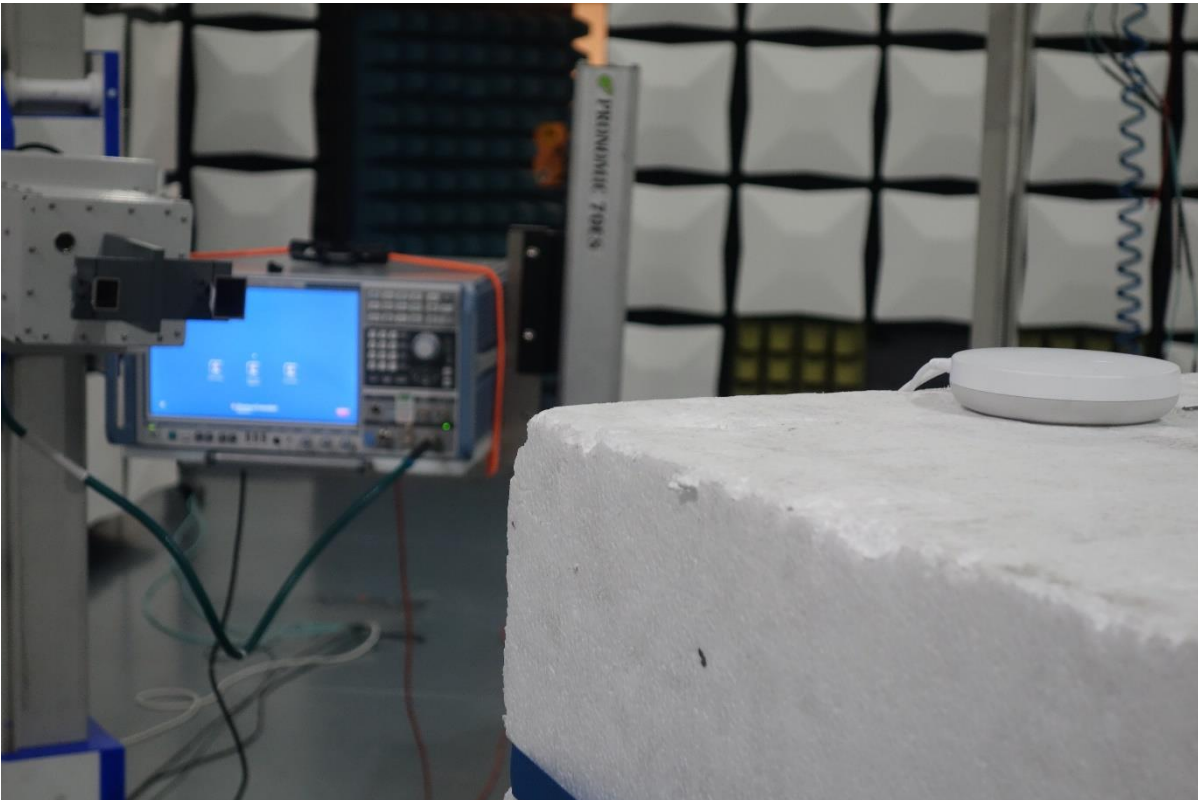
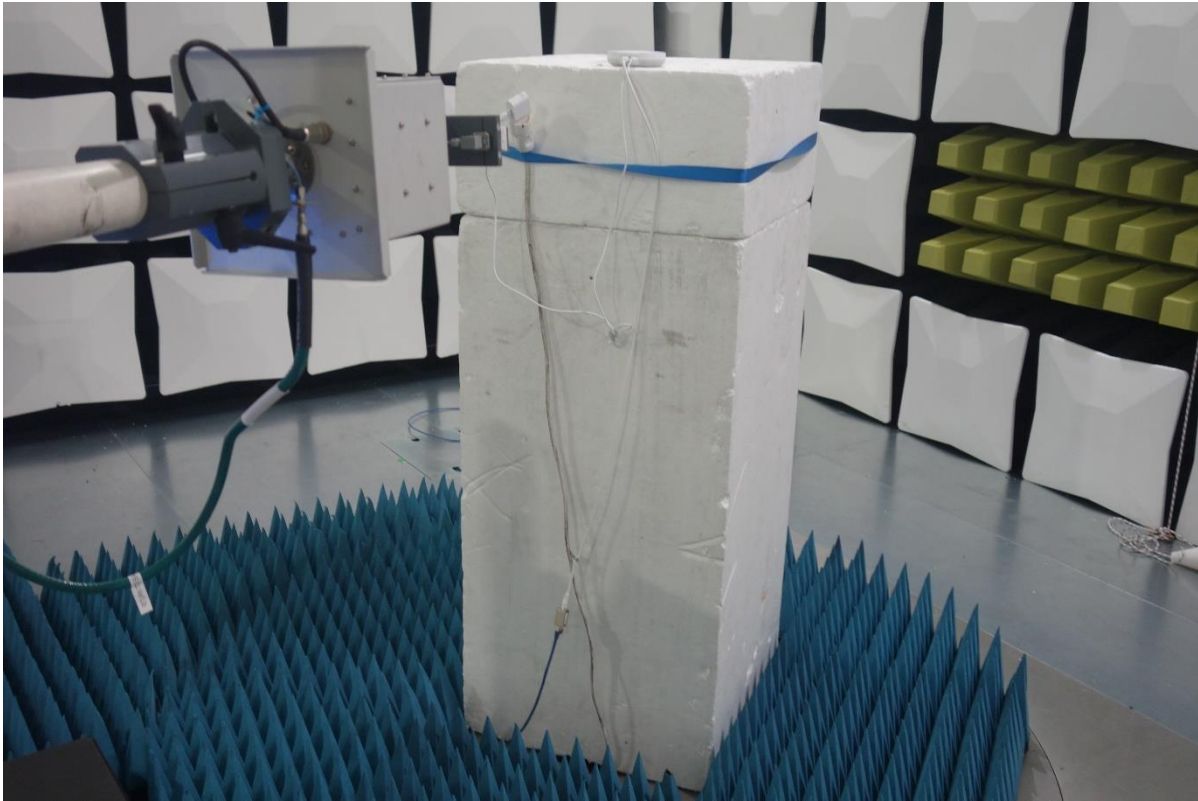
2.3 Photographs of the Test Setup: Radiated Emission 30 MHz – 1 GHz



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

