

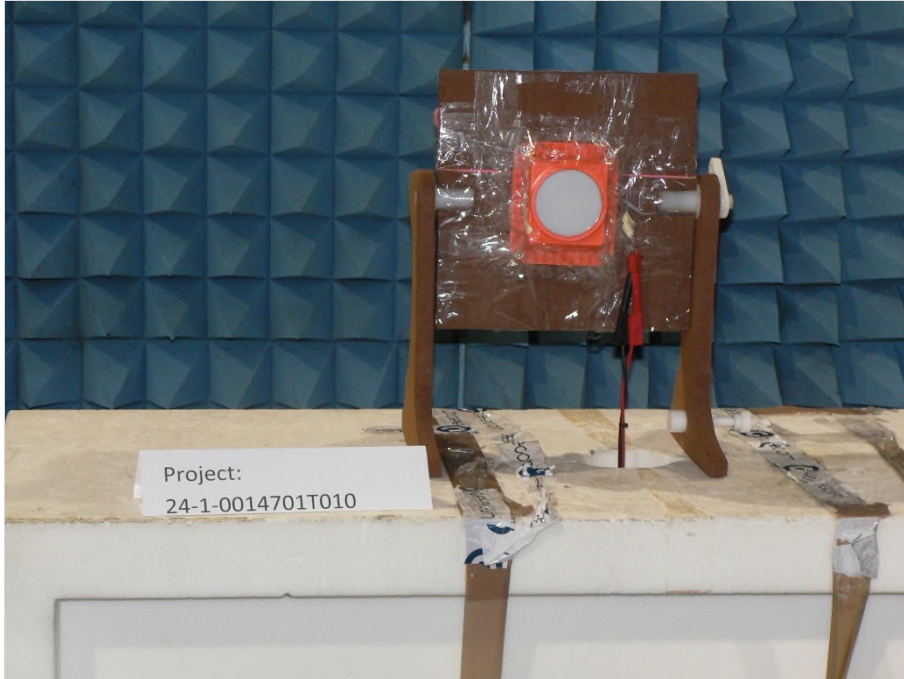
Annex 103:

Test setup photographs 24-1-0014701T010_TR1-A103-R01

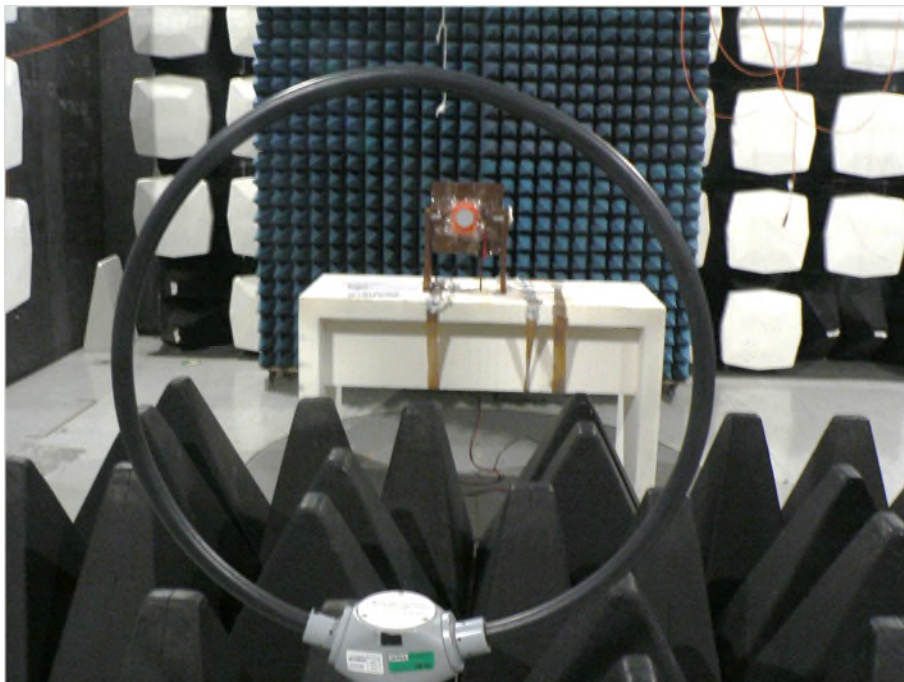
Number of pages:	6	Date of Report:	2025-May-20
Testing company:	cetecom advanced GmbH Untertuerkheimer Str. 6-10 66117 Saarbruecken GERMANY	Applicant:	Abel Sensors
Product: Model:	Fill Level Sensor RAD-SEN-05		
FCC ID:	2BN57-RADSEN05	IC: PMN HVIN	33673-RADSEN05 SMARTSILO rad7972
Testing has been carried out in accordance with:	FCC - Title 47 of the Code of Federal Regulations Chapter I; Part 15 - Radio frequency devices, §15.255 RSS-210, Issue 11: Licence-Exempt Radio Apparatus: Category I Equipment Annex J: Devices operating in the band 57-71 GHz		

1 Test set up photographs (EUT/DUT)

1.1 Magnetic field strength

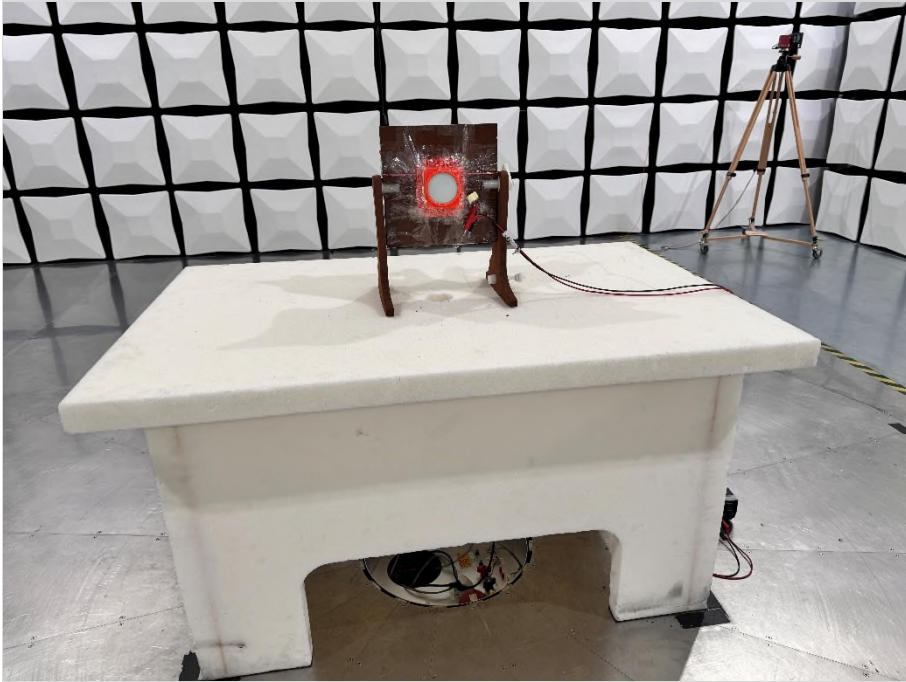


Photograph 1: EUT setup, close up view



Photograph 2: EUT setup, overview

1.2 Electric field strength (30MHz to 1GHz)

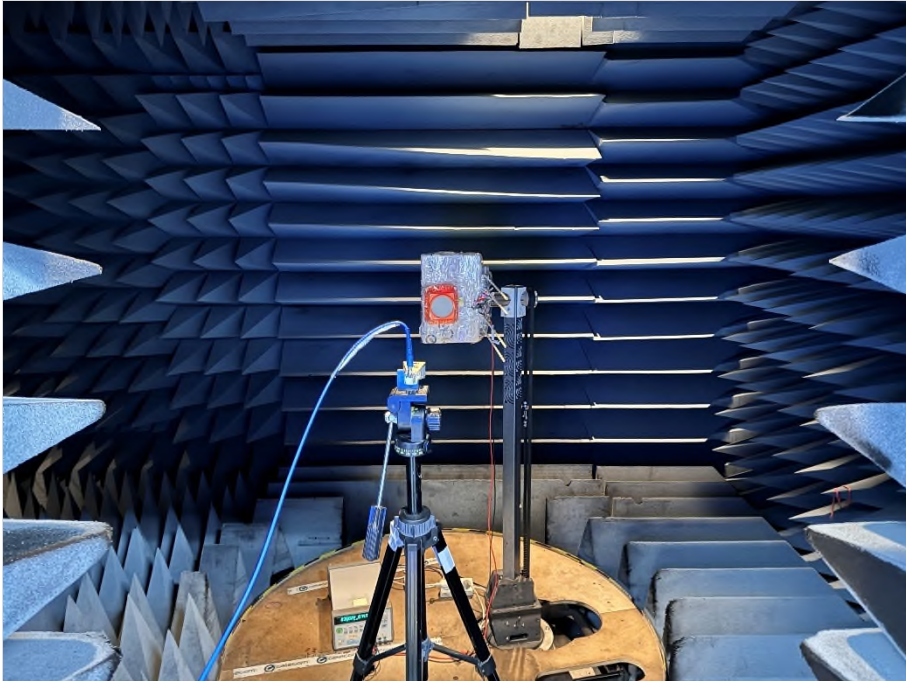


Photograph 3: EUT test setup in the fully anechoic chamber, close up view



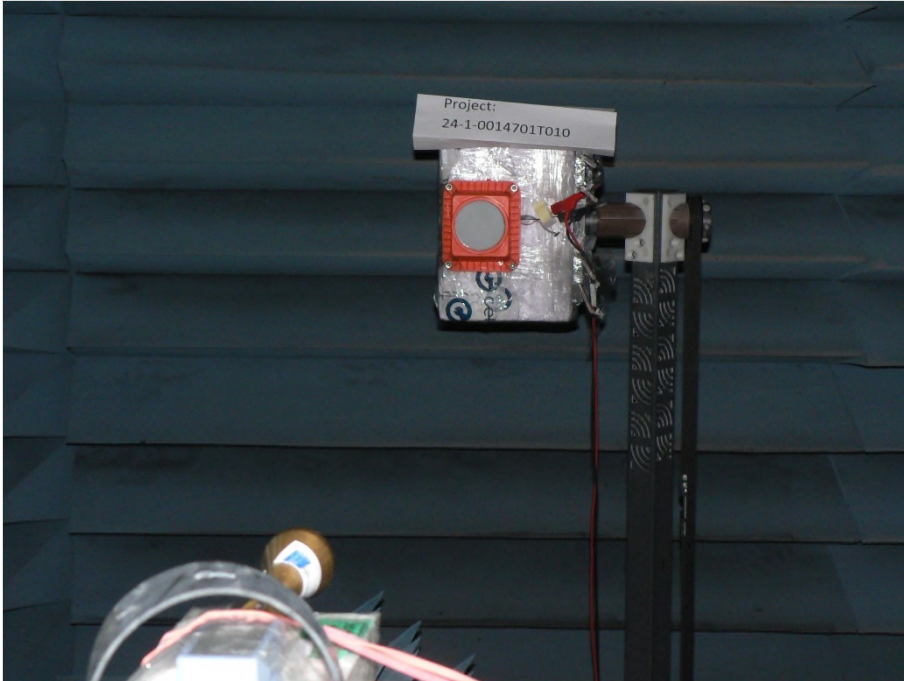
Photograph 4: EUT test setup in the fully anechoic chamber, overview_EUT elevation 90°

1.3 Electric field strength (1GHz to 40GHz)

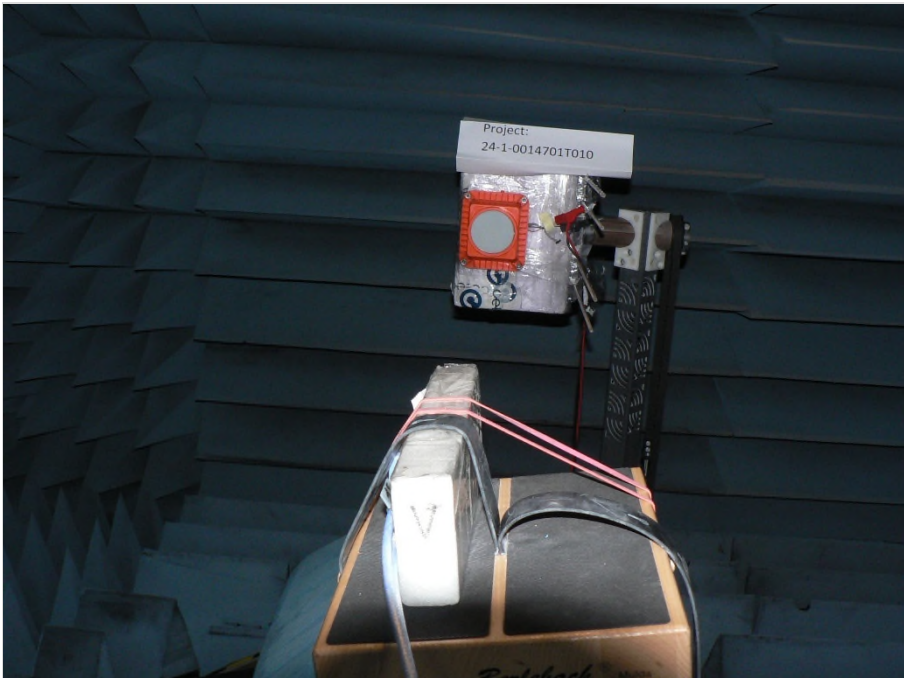


Photograph 5: EUT test setup FAC2

1.4 EIRP measurement (above 40GHz)



Photograph 6: EUT test setup with mixer in the FAC2 anechoic chamber

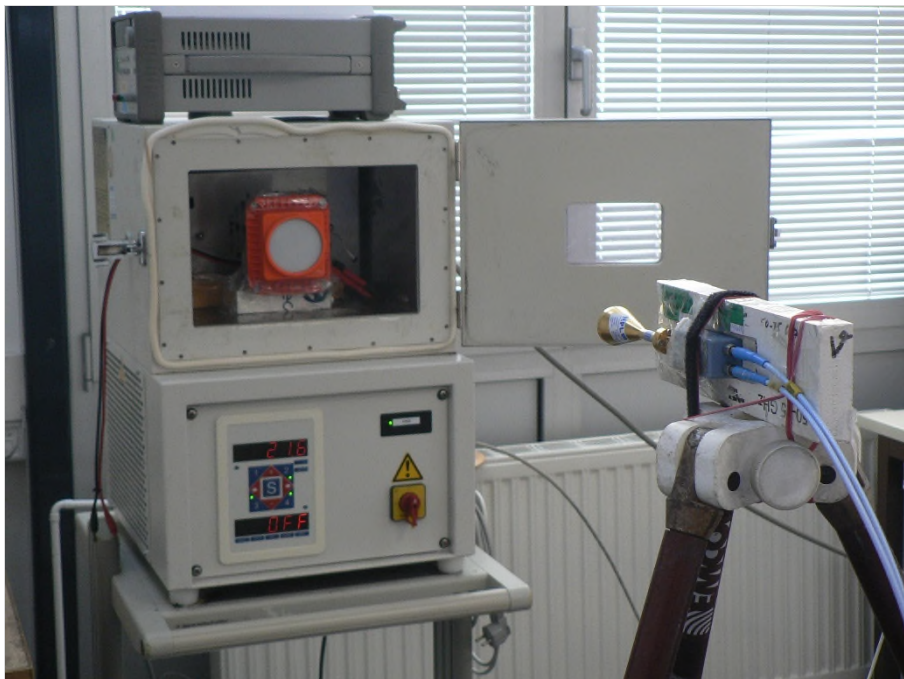


Photograph 7: EUT test setup with mixer in the FAC2 anechoic chamber

1.5 Climatic tests



Photograph 8: EUT test setup climatic



Photograph 9: EUT test setup climatic

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