

RAPPORTO DI PROVA

TEST REPORT

Rif. / Ref. n.	TSupPhotos_FCC179694_2	Data Emissione / Issue Date:	20/01/2022	Pagine / Pages:	9
Scopo delle prove <i>Test object</i>	Prove di tipo in accordo alla Norma <i>Type test according to standards</i> 47 CFR FCC part 15.249				
Richiedente <i>Applicant</i>	Meta System S.p.A. Via Galimberti 5 - 42124 Reggio Emilia – Italy Tel.: +39 0522364256				
Marchio commerciale <i>Trade mark</i>					
Fabbricante <i>Manufacturer</i>	Meta System S.p.A.				
Prodotto <i>Product</i>	Volumetric alarm sensor				
Modello testato <i>Testing model</i>	Sensor ITS/TPS				
FCC ID IC ID	P30100202				
Data ricevimento campioni <i>Date of test samples receipt</i>	27/05/2021				
Campioni verificati <i>No. of tested samples</i>	1 – Sampled by the Manufacturer				
Data verifiche <i>Testing date</i>	From 07/06/2021 to 22/06/2021				
Sito di prova <i>Testing site</i>	PRSLAB S.r.l. Unipersonale - Via Campagna 92 - 22020 Faloppio - Como - Italy				
Esito dei test <i>Test results</i>	CONFORME / COMPLIANT				
Verifiche effettuate da <i>Verifications carried out by</i>	Daniele AOSANI Tecnico laboratorio <i>Test Engineer</i>				
Approvato <i>Approved by</i>	Riccardo PFEIFFER Responsabile laboratori <i>Laboratory manager</i>				

I risultati delle prove riportati nel presente rapporto di prova si riferiscono solo ai campioni esaminati.

The test results reported in this test report shall refer only to the samples tested.

Il campione è stato fornito dal cliente ed i risultati si riferiscono al campione così come ricevuto

The sample has been provided by the customer and the results apply to the sample as received

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0. RELEASE CONTROL RECORD

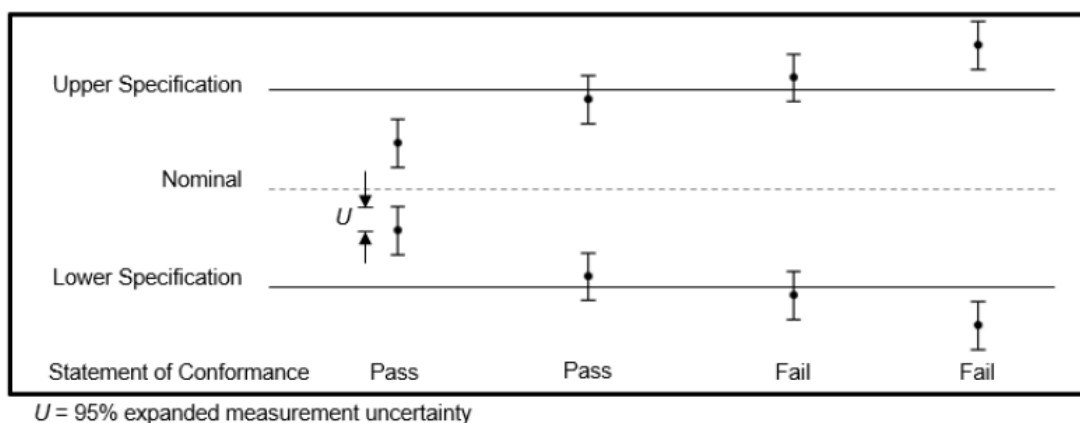
TEST REPORT NUMBER	REASON OF CHANGE	DATE OF ISSUE
TSupPhotos_FCC179694_0	Original release	19/07/2021
TSupPhotos_FCC179694_1	Correct table at section 4.2	10/09/2021
TSupPhotos_FCC179694_2	Correct table at section 4.2	20/01/2022

This document is valid in last revision that deletes and replaces the previous one

1. DECISION RULE

PRSLAB specifies that, if the decision rules of conformity of the test results are not indicated in detail in the standard/s object of tests, it takes as a decision rule for the declaration of conformity the simple binary system ($w = 0$) stated in the ILAC-G8-09:2019 document.

The decision rule is applicable for all parts of standard



Statements of conformity are reported as:

- Pass: the measured value is below the acceptance limit, $AL=TL$.
- Fail: the measured value is above the acceptance limit, $AL=TL$.

Definitions

- Guard Band (w): interval between a tolerance limit and a corresponding acceptance limit where length $w=|TL-AL|$.
- Tolerance Limit (TL) (Specification Limit): specified upper or lower bound of permissible values of a property.
- Acceptance Limit (AL): specified upper or lower bound of permissible measured quantity values.

2. INFORMATION PROVIDED BY CUSTOMER

- None

3. GENERAL REMARKS

- None

4. TECHNICAL INFORMATION OF EQUIPMENT UNDER TEST (EUT)

4.1 EUT Identification

DESCRIPTION	Volumetric alarm sensor
MODEL NAME	Sensor ITS/TPS
FCC ID	P3O100202
SERIAL NO.	Prototype
PRS LAB INTERNAL REFERENCE	BC 184/2021 1/1
TRADEMARK	
MANUFACTURER	Meta System S.p.A.
COUNTRY OF MANUFACTURER	Italy
SINGLE UNIT OR SYSTEM	Single
POWER SOURCE	Vehicle battery
SUPPLY VOLTAGE	12V 
MAX ABSORBED CURRENT	6mA
HW VERSION	11/38
SW VERSION	11/21.00
DIMENSIONS	See photography documentation
EUT STANDING	Vehicle

4.2 RF technical data

CHIP TYPE	---
FREQUENCY BAND	5.725 ÷ 5.875GHz
CARRIER FREQUENCY	5763.5MHz
AVERAGE CARRIER POWER (MEASURED-DC CORRECTION)	69,9dBμV/m @3m
NUMBER OF CHANNELS	1
EUT CLASSIFICATION	Vehicle
RECEIVER CATEGORY	Only TX
TYPE OF MODULATION	Pulse modulation: - Pulse width 150ns - Duty Cycle 11%
ANTENNA	Patch antenna soldered on the PCB at 90°
ANTENNA GAIN	---

5. PHOTOGRAPHIC DOCUMENTATION

PHOTO N° 1 – EUT IDENTIFICATION

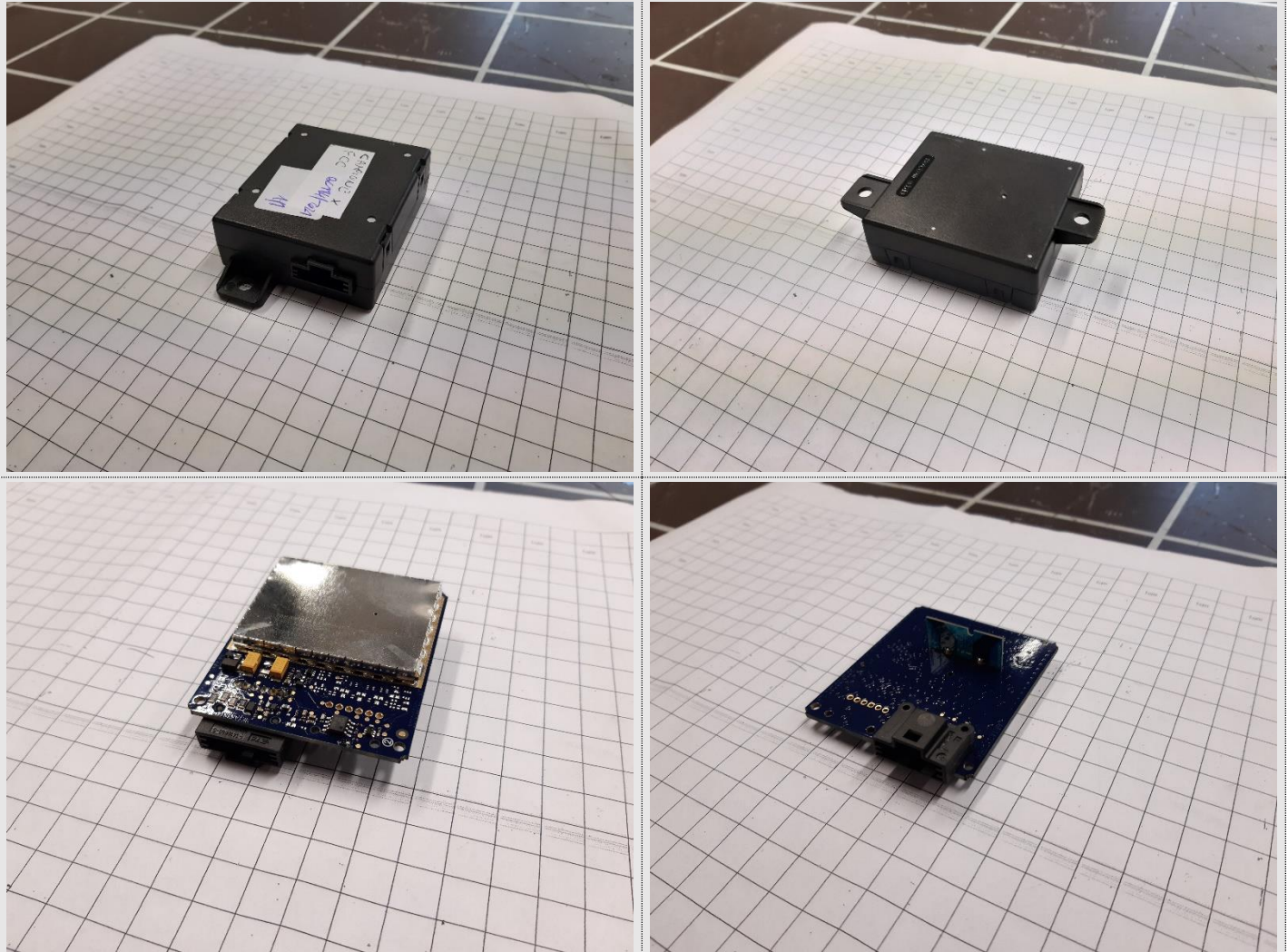
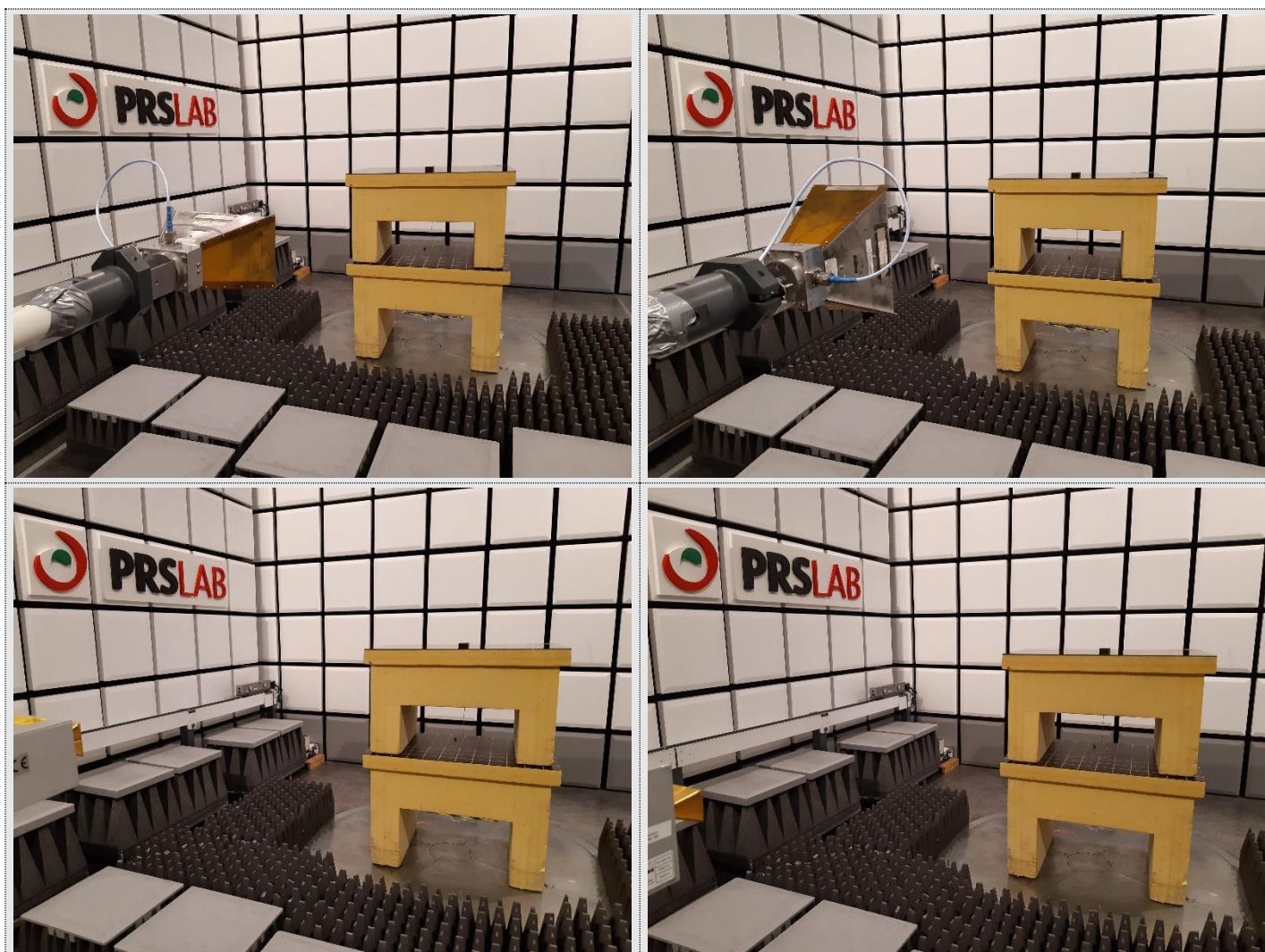


PHOTO N° 2 – SETUP FOR RADIATED MEASUREMENT





END OF TEST REPORT