

TEST REPORT

Ref. n.	TSupPhotos_FCC187619-0	Issue Date:	30/04/2026	Pages:	7
Test object	<i>Type test according to Standards</i> 47 CFR FCC Part 15 Subpart C §15.247				
Applicant	Vodafone Automotive S.p.A. Via Astico 41 - 21100 Varese - Italy Tel.: +39 0332 825111; +39 0332 825238				
Trade mark					
Manufacturer	Vodafone Automotive S.p.A.				
Product	HUB BLE				
Tested model	1090				
FCC Identification number	NWD1090				
Date of test samples receipt	17/03/2026				
No. of tested samples	1 – Sampled by the Manufacturer				
Test date	From 23/03/2026 to 31/03/2026				
Testing site	PRSLAB S.r.l. Unipersonale - Via Campagna 92 - 22020 Faloppio - Como - Italy				
FCC designation number	IT0012				
Verifications carried out by	Daniele AOSANI Laboratory Engineer				
Approved by	Luana PARISI Reviewer				

The test results reported in this test report shall refer only to the samples tested.
 The sample has been provided by the customer and the results apply to the sample as received.
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 PRS refuses any responsibility about information provided by the customer contained in this test report.

TABLE OF CONTENTS

0. RELEASE CONTROL RECORD	2
1. TECHNICAL INFORMATION OF EQUIPMENT UNDER TEST (EUT).....	3
1.1 EUT Identification	3
1.2 Bluetooth Low Energy module technical data	4
2. PHOTOGRAPHIC DOCUMENTATION	5

0. RELEASE CONTROL RECORD

TEST REPORT NUMBER	REASON OF CHANGE	DATE OF ISSUE
TSupPhotos_FCC187619-0	Original release	30/04/2026

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

1. TECHNICAL INFORMATION OF EQUIPMENT UNDER TEST (EUT)

1.1 EUT Identification

DESCRIPTION	HUB BLE
MODEL NAME	1090
SERIAL NO.	032
PRS LAB INTERNAL REFERENCE	BC 70/2026 2/3
TRADEMARK	
MANUFACTURER	Vodafone Automotive S.p.A.
COUNTRY OF MANUFACTURER	Italy
SINGLE UNIT OR SYSTEM	Single
POWER SOURCE	Vehicle battery
POWER SUPPLY NOMINAL VOLTAGE	12Vdc
MAX ABSORBED CURRENT OR MAX POWER	2mA
OPERATING TEMPERATURE	-40°C ÷ +85°C
SOFTWARE VERSION (Information provided by Customer)	1.0.0-1.0.0
HARDWARE VERSION (Information provided by Customer)	4M1090AAA
DIMENSIONS	44.25 x 23.95 x 10.45 mm
EUT STANDING	☐ WALL; ☐ CEILING; ☐ TABLE; ☐ FLOOR; ☐ RACK MOUNTED; ☐ BODY WORN; ☐ HANDELD; ☐ PORTABLE; ☐ MOBILE; ☒ VEHICLE
HIGHEST INTERNAL FREQUENCY (Information provided by Customer)	☐ <108MHz; ☐ 108MHz<F<500MHz; ☐ 500MHz<F<1GHz; ☒ F>1GHz; F= 2480MHz

1.2 Bluetooth Low Energy module technical data

MODULE MANUFACTURER	 life.augmented
MODULE NAME	STM32WBA65
ETS CATEGORY	Bluetooth Low Energy
TYPE OF RADIO DEVICE	Transceiver
FREQUENCY BAND	2400 ÷ 2483.5MHz
NUMBER OF CHANNELS	40
CHANNEL BANDWIDTH	2MHz
CHANNEL SPACING	2MHz
DATA RATE	2Mbps
TYPE OF MODULATION	GFSK
RX SENSITIVITY	-96dBm
ANTENNA TYPE (Information provided by Customer)	Chip antenna
ANTENNA GAIN (Information provided by Customer)	2.5dBi
ANTENNA MODEL (Information provided by Customer)	ANT3216R24003KM1
ANTENNA MANUFACTURER (Information provided by Customer)	

2. PHOTOGRAPHIC DOCUMENTATION

PHOTO N°1 - EUT IDENTIFICATION

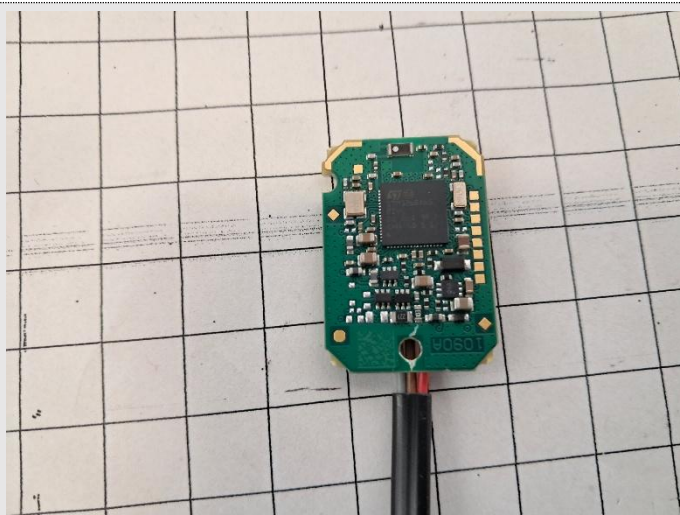
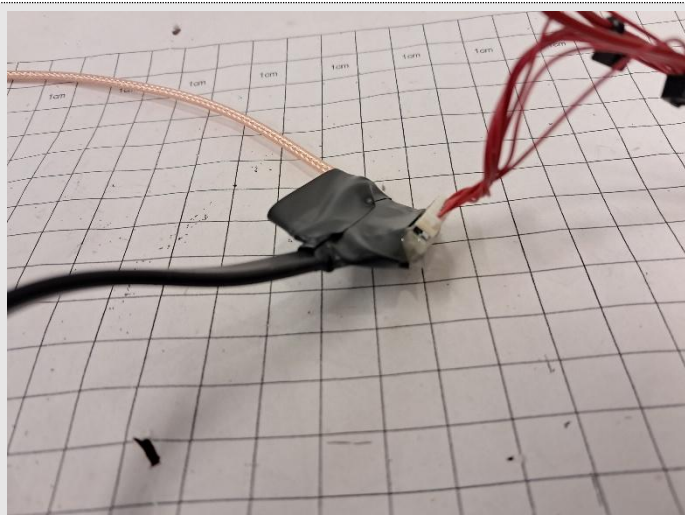
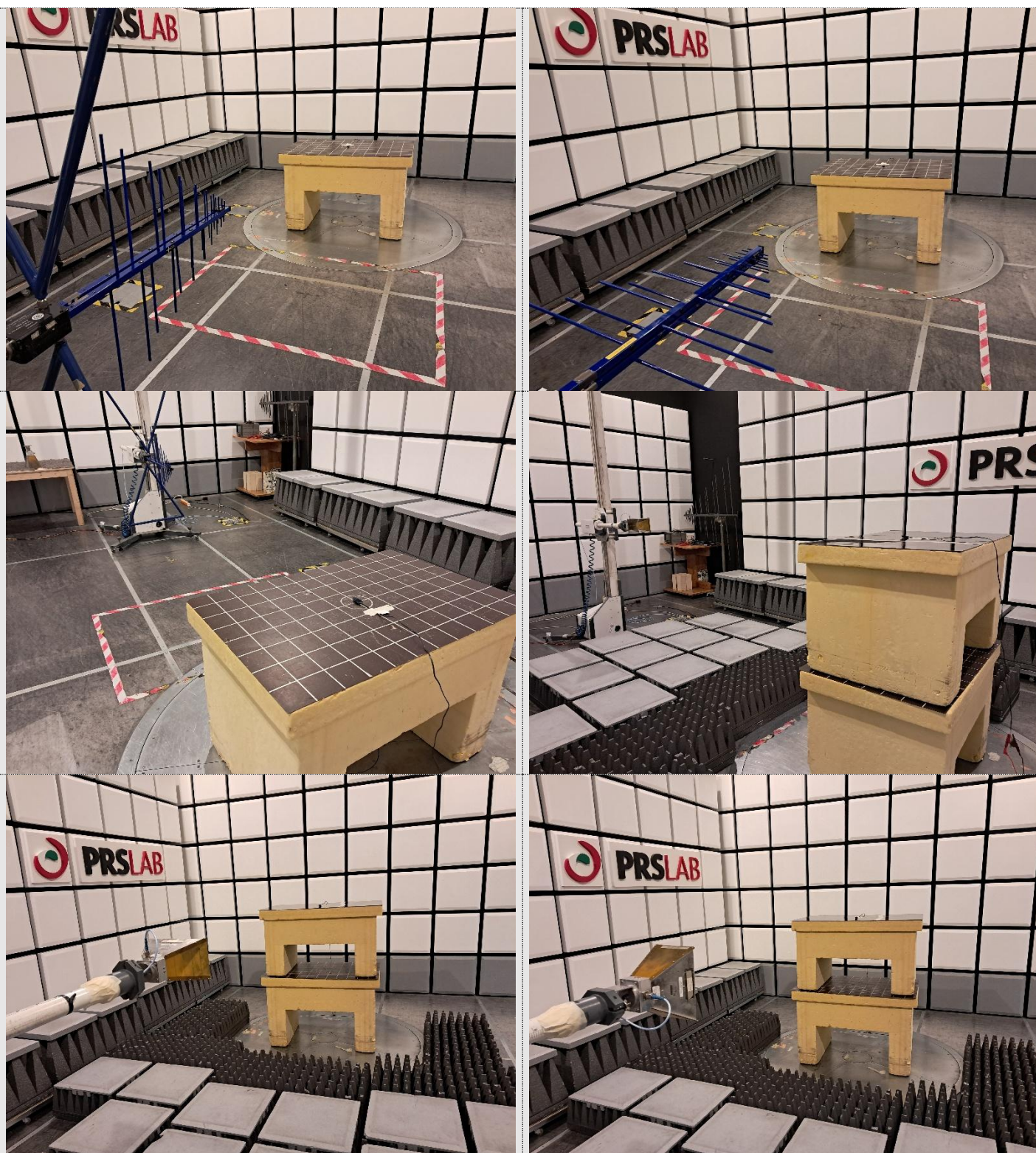


PHOTO N°2 - RADIATED EMISSION TEST SETUP



END OF TEST REPORT