

TEST REPORT

Ref. n.	TSupPhotos_FCC186669-0		Issue Date:	30/10/2025	Pages:	10
Test object	<i>Type test according to Standards</i> FCC Cfr 47 part 15 - Subpart C - §15.207, §15.209					
Applicant	DATALOGIC S.r.l. Via S. Vitalino 13 - 40012 Lippo Di Calderara Di Reno - Bologna - Italy Phone. +39 051 3147196 Fax +39 051 3147561					
Trade mark						
Manufacturer	DATALOGIC S.r.l.					
Product	Base charger station					
Model name	WLC4690					
Type	BK-BT					
FCC identification number	U4F-WLC4600					
Date of test samples receipt	09/09/2025					
No. of tested samples	1 – Sampled by the Manufacturer					
Test date	16/10/2025					
Testing site	PRSLAB S.r.l. Unipersonale - Via Campagna 92 - 22020 Faloppio - Como - Italy					
FCC designation number	IT0012					
Test results	PASS					
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.

Any not Accredited test methods are clearly identified in the test report.

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0. RELEASE CONTROL RECORD

TEST REPORT NUMBER	REASON OF CHANGE	DATE OF ISSUE
TSupPhotos_FCC186669-0	Original release	30/10/2025

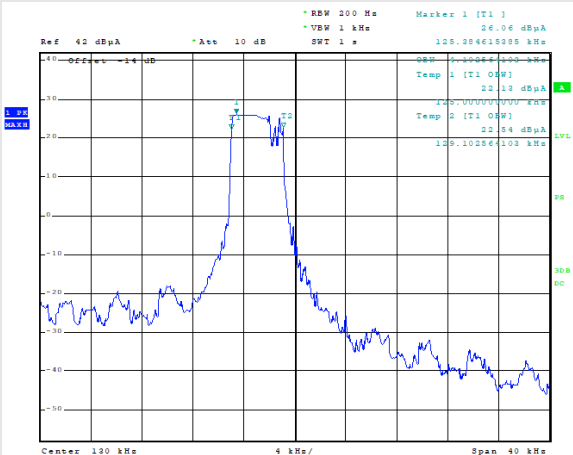
This document is valid in last revision that deletes and replaces the previous one

1. TECHNICAL INFORMATION OF EQUIPMENT UNDER TEST (EUT)

1.1 EUT Identification

DESCRIPTION	Base Charger Station
MODEL NAME	WLC4690
TYPE	BK-BT
FCC ID	U4F-WLC4600
SERIAL NO.	P25P01059
PRSLAB INTERNAL REFERENCE	BC 205/2025 1/14
TRADEMARK	
MANUFACTURER	DATALOGIC S.r.l.
COUNTRY OF MANUFACTURER	Italy
SINGLE UNIT OR SYSTEM	Single
POWER SOURCE	DC power
POWER SUPPLY NOMINAL VOLTAGE	4.5 ÷ 14Vdc
MAX ABSORBED CURRENT OR MAX POWER	1A MAX
OPERATING TEMPERATURE	0°C ÷ +50°C
SOFTWARE VERSION (Information provided by Customer)	A
HARDWARE VERSION (Information provided by Customer)	A
DIMENSIONS	See photographic documentation
EUT STANDING	☒ WALL; ☐ CEILING; ☒ TABLE; ☐ FLOOR; ☐ RACK MOUNTED; ☐ BODY WORN; ☐ HANDLED; ☐ PORTABLE; ☐ MOBILE; ☐ VEHICLE
HIGHEST INTERNAL FREQUENCY (Information provided by Customer)	☐ <108MHz; ☐ 108MHz<F<500MHz; ☐ 500MHz<F<1GHz; ☒ F>1GHz

1.2 WPT module Technical data

CHIP MANUFACTURER	 life.augmented
CHIP MODEL	STWBC86JR
ETS CATEGORY	Wireless Power Transmission (WPT)
FREQUENCY RANGE	120-150 kHz
TRANSMITTER MAX POWER	10W
TYPE OF MODULATION	FSK/ASK
ANTENNA TYPE (Information provided by Customer)	Internal loop coil
ANTENNA SPECS (Information provided by Customer)	Induct. TX coil: 6.3 uH $\pm 10\%$ @100kHz DC Res. TX Coil: 60 mOhm $\pm 10\%$ max
MEASURED 99% BW	 99%BW = 4.103kHz

2. PHOTOGRAPHIC DOCUMENTATION

PHOTO N° 1 - EUT IDENTIFICATION « WPT SOURCE »

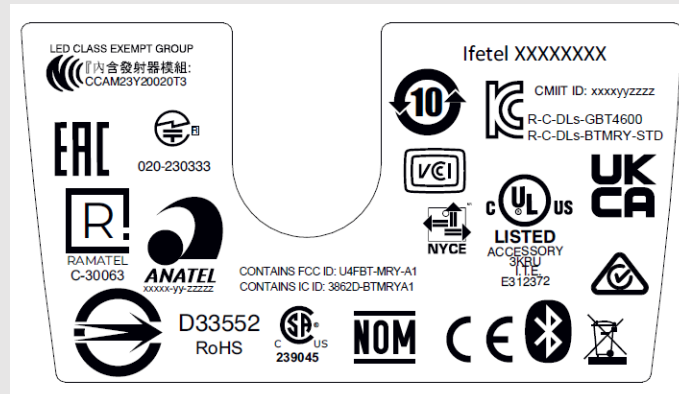
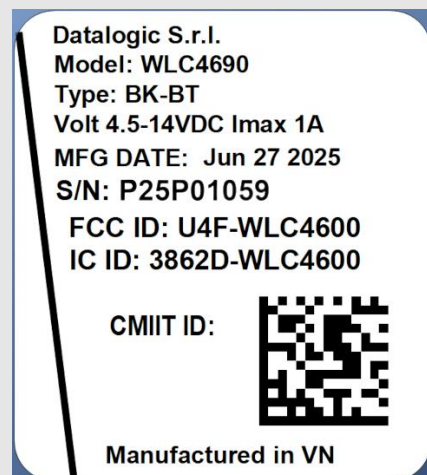


PHOTO N° 2 – AC/DC ADAPTOR



PHOTO N° 3 – AE IDENTIFICATION « WPT CLIENT »

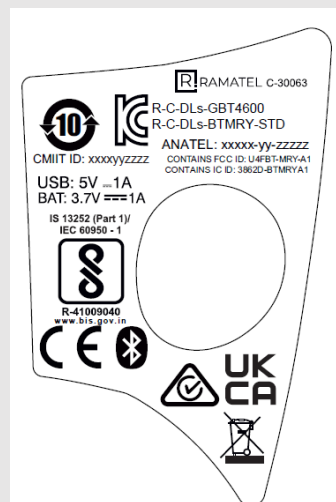
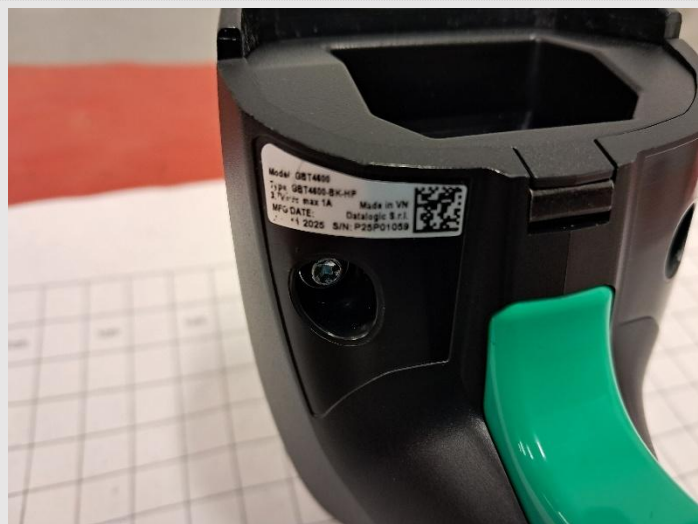


PHOTO N° 4 - RADIATED EMISSION TEST SETUP

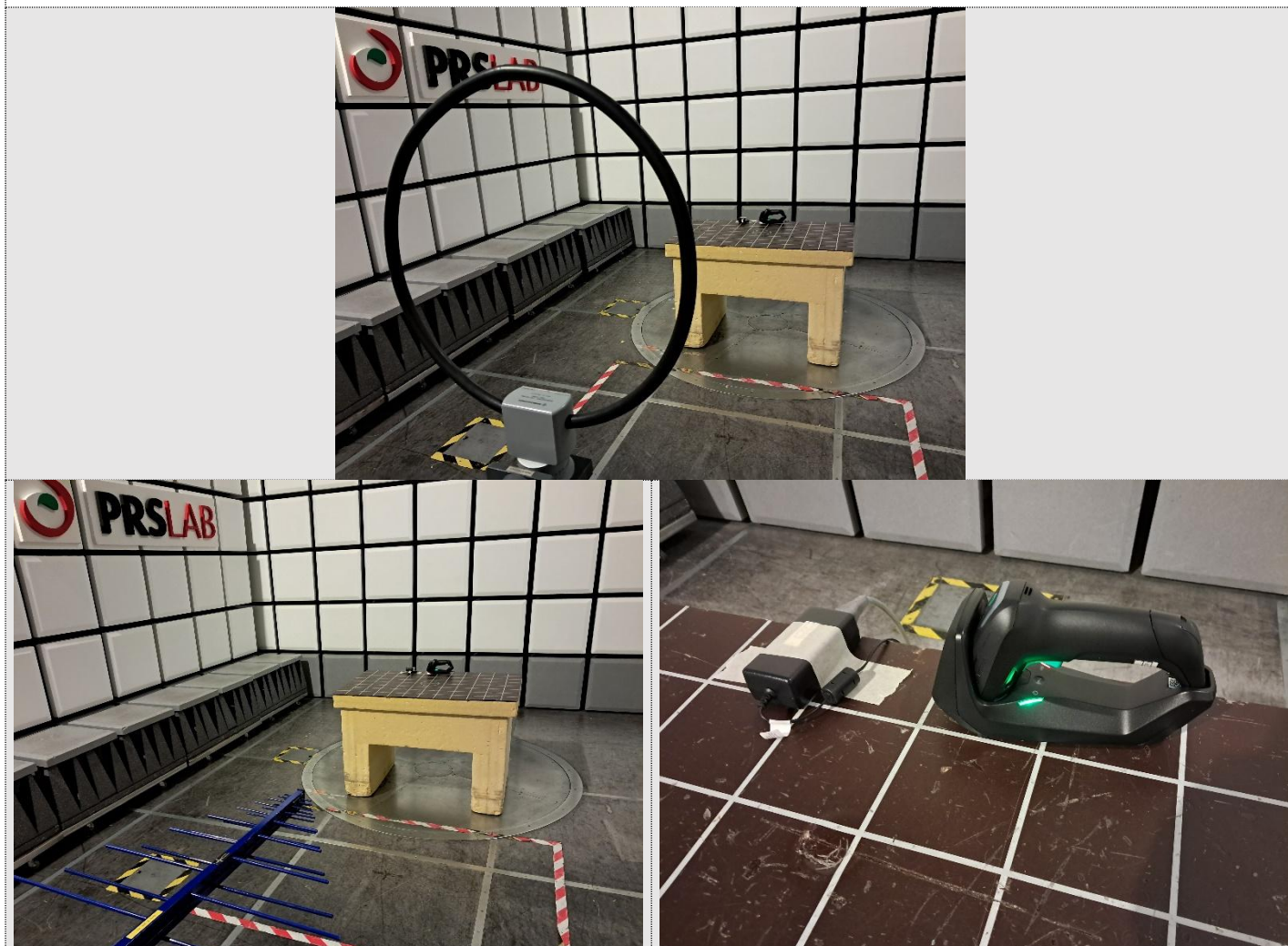


PHOTO N° 5 - CONDUCTED EMISSION TEST SETUP



END OF TEST REPORT