

TEST REPORT

Ref. n.	TSupPhotos_FCC185482-0	Issue Date:	25/09/2024	Pages:	7
Test object	Type test according to Standards 47 CFR FCC part 15.247				
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	Barcode reader				
Tested model	PBT9600				
Type	SR RFUS				
FCC Identification number	U4F-PGSRF				
Date of test samples receipt	28/08/2024				
No. of tested samples	1 – Sampled by the manufacturer				
Test date	From 02/09/2024 to 23/09/2024				
Testing site	PRSLAB S.r.l. Unipersonale - Via Campagna 92 - 22020 Faloppio - Como - Italy				
FCC designation number	IT0012				
Verifications carried out by	Edoardo AMATI EMC and RADIO Test Engineer				
Approved by	Daniele AOSANI 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.

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0. RELEASE CONTROL RECORD

TEST REPORT NUMBER	REASON OF CHANGE	DATE OF ISSUE
TSupPhotos_FCC185482-0	Original release	25/09/2024

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	Barcode scanner
MODEL NAME	PBT9600
TYPE	SR RFUS
FCC ID	U4F-PGSRF
SERIAL NO.	B24P00845
PRS LAB INTERNAL REFERENCE	BC218/2024 2/2
TRADEMARK	
MANUFACTURER	DATALOGIC S.r.l.
COUNTRY OF MANUFACTURER	Italy
SINGLE UNIT OR SYSTEM	Single
POWER SOURCE	Li-Ion Internal battery
SUPPLY VOLTAGE	3.6Vdc 
MAX POWER OR MAX ABSORBED CURRENT	750mA
OPERATING TEMPERATURE	0°C ÷ +50°C
HARDWARE VERSION (Information provided by Customer)	A
FIRMWARE VERSION (Information provided by Customer)	A
DIMENSIONS	See photographic documentation
EUT STANDING	☐ WALL; ☐ CEILING; ☐ TABLE; ☐ FLOOR; ☐ RACK MOUNTED; ☐ BODY WORN; ☐ HANDELD; ☒ PORTABLE; ☐ MOBILE
HIGHEST INTERNAL FREQUENCY (Information provided by Customer)	☐ <108MHz; ☐ 108MHz<F<500MHz; ☐ 500MHz<F<1GHz; ☒ F>1GHz; F = 2480MHz
CONTAINS FCC ID	U4FBT-MRY-A1 (Bluetooth module)

1.2 RFID module technical data

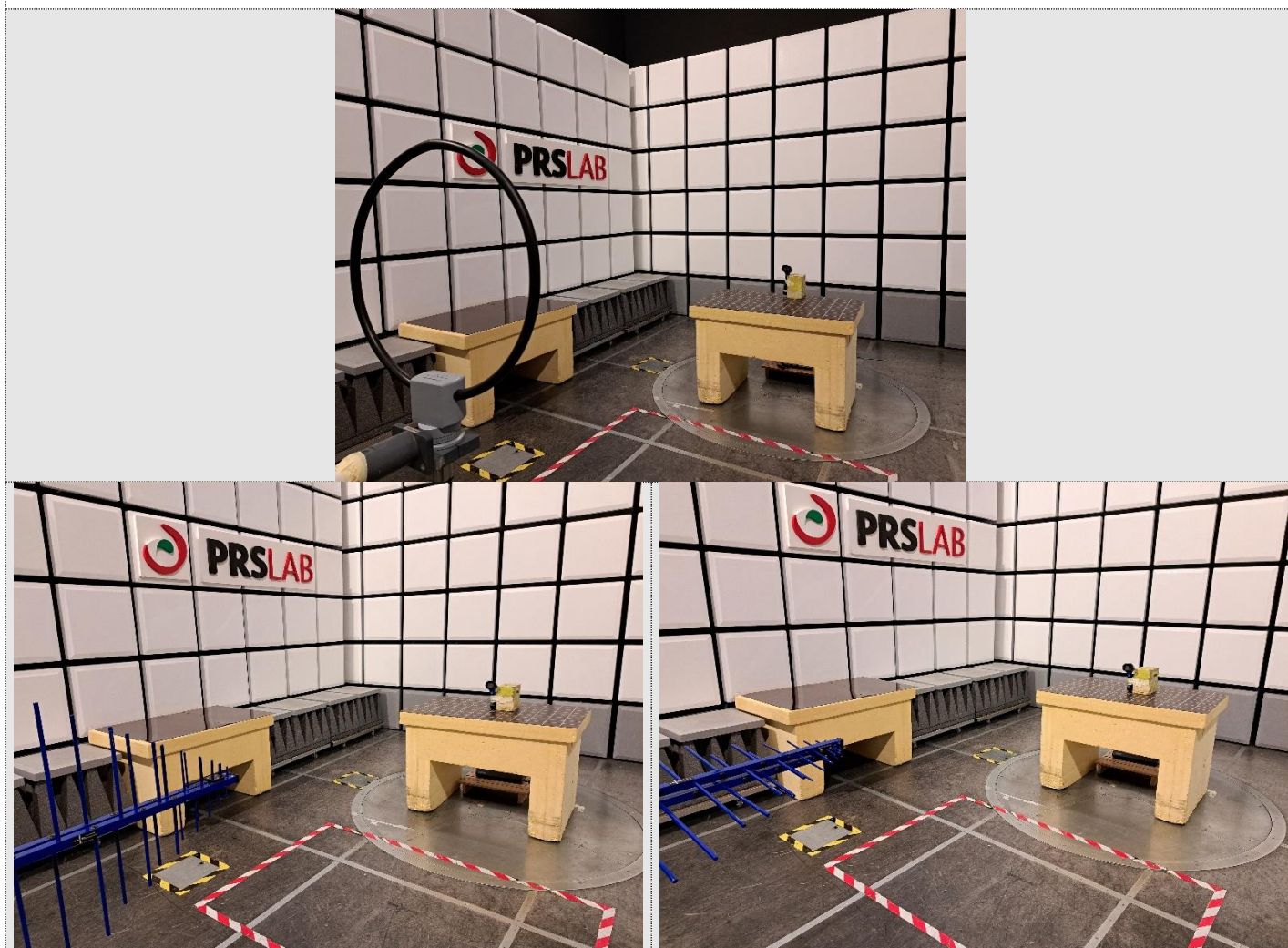
CHIP MANUFACTURER	SILION 芯联
CHIP TYPE	SIM3600
ETS CATEGORY	Radio Frequency Identification (RFID)
FREQUENCY BAND	902.75MHz – 927.25MHz
NUMBER OF CHANNELS	50
CHANNEL OCCUPIED BANDWIDTH	92.95kHz
CHANNEL SPACING	500kHz
TYPE OF MODULATION	ASK
TRANSFER RATE	921.6kb/s
ANTENNA TYPE (Information provided by Customer)	PGS-RFID Antenna + Coaxial cable
ANTENNA GAIN (Information provided by Customer)	-0.6dB

2. PHOTOGRAPHIC DOCUMENTATION

PHOTO N° 1 - EUT IDENTIFICATION



PHOTO N° 2 - RADIATED EMISSION TEST SETUP



END OF TEST REPORT