




TEST REPORT

Ref. n.	TSupPhotos_FCC182885A-0	Issue Date:	17/03/2023	Pages:	11
Test object	<i>Type test according to Standard</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				
Tested model	JOYA TOUCH 3-SLOT CRADLE				
FCC ID	U4G-JNG3SD				
Date of test samples receipt	23/06/2022				
No. of tested samples	1 – Sampled by the manufacturer				
Test date	15/03/2023				
Testing site	PRSLAB S.r.l. Unipersonale - Via Campagna 92 - 22020 Faloppio - Como - Italy				
Test results	CONFORME / COMPLIANT				
Verifications carried out by	Daniele AOSANI <i>Laboratory Engineer</i>				
Approved by	Riccardo PFEIFFER <i>Laboratory Manager</i>				

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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PRSLAB refuses any responsibility about information provided by the customer contained in this test report.

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0. RELEASE CONTROL RECORD

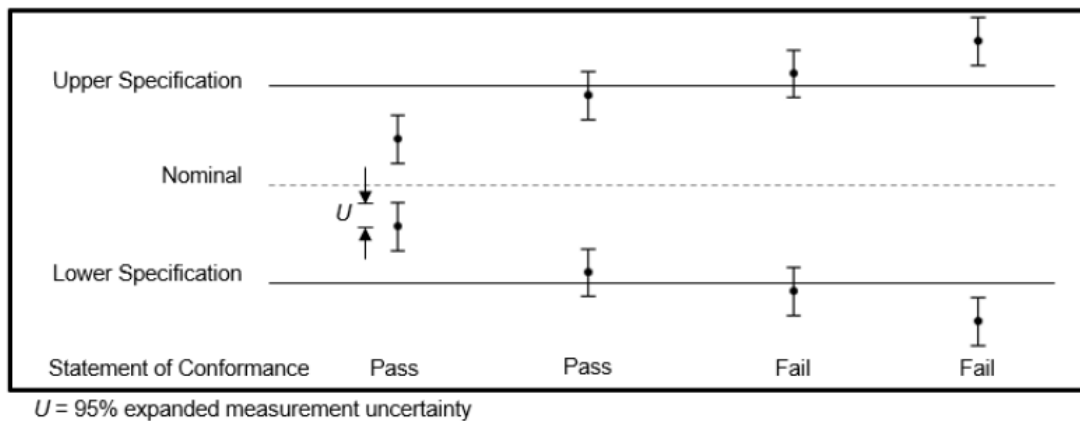
TEST REPORT NUMBER	REASON OF CHANGE	DATE OF ISSUE
TSupPhotos_FCC182885A-0	Original release	17/03/2023

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

- The manufacturer DATALOGIC S.r.l. declares, in the document *"JT_3SC - M1_3SC_alt_IC letter.pdf"* issue on 01.07.2022, the differences between the previous version of the product and the one tested in this report. The difference lies in the change of the IC controller due to the shortage of the components.
- According to Manufacturer declaration, the tested model is the most representative and the most complex. The differences between the tested one and his variants are described in the table above and are declared by Manufacturer.


Differences between versions declared by manufacturer		
Tested model	JOYA TOUCH 3-SLOT CRADLE	The difference between your product versions is in the trade name and color, the tested product is white and the black color variant. The electronic parts are the same for both versions.
Variant	MEMOR 1 3-SLOT CRADLE	

3. GENERAL REMARKS

- Tests were performed using 3 identical WPT clients model **JOYA TOUCH A22**.

4. TECHNICAL INFORMATION OF EQUIPMENT UNDER TEST (EUT)

4.1 EUT Identification

DESCRIPTION	Base charger station
MODEL NAME	JOYA TOUCH 3-SLOT CRADLE
IC ID	3862E-JNG3SD
SERIAL NO.	G22EB98789
PART NO.	91ACC0043
PRSLAB INTERNAL REFERENCE	BC 196/2022 1/1
TRADEMARK	
MANUFACTURER	DATALOGIC S.r.l.
COUNTRY OF MANUFACTURER	Vietnam
SINGLE UNIT OR SYSTEM	Single
SOFTWARE VERSION (Information provided by Customer)	2.1.4
HARDWARE VERSION (Information provided by Customer)	DVT
POWER SOURCE	AC/DC adapter (model EA10681U-120) powered at 100-240V ~ 50-60Hz
SUPPLY VOLTAGE	12Vdc from AC/DC adapter
MAX POWER or MAX ABSORBED CURRENT	Max 5A
OPERATING TEMPERATURE	0°C ÷ +50°C
DIMENSIONS	See photographic documentation
EUT STANDING	<input type="checkbox"/> WALL; <input type="checkbox"/> CEILING; <input checked="" type="checkbox"/> TABLE; <input type="checkbox"/> FLOOR; <input checked="" type="checkbox"/> RACK MOUNTED; <input type="checkbox"/> BODY WORN; <input type="checkbox"/> HANDELD; <input type="checkbox"/> PORTABLE; <input type="checkbox"/> MOBILE
HIGHEST INTERNAL FREQUENCY (Information provided by Customer)	<input checked="" type="checkbox"/> <108MHz; <input type="checkbox"/> 108MHz<F<500MHz; <input type="checkbox"/> 500MHz<F<1GHz; <input type="checkbox"/> F>1GHz

4.2 WPT module technical data

CHIP MANUFACTURER	TEXAS INSTRUMENTS
CHIP MODEL	BQ501210
ETS CATEGORY	Wireless Power Transmission (WPT)
FREQUENCY RANGE	100-148 kHz f. band
TRANSMITTER MAX POWER	10W
TYPE OF MODULATION	FSK/ASK
ANTENNA TYPE	Internal
MEASURED 99% BW	<p>99%BW = 2.80kHz</p>

5. PHOTOGRAPHIC DOCUMENTATION

PHOTO N° 1 – EUT IDENTIFICATION (WPT SOURCE)

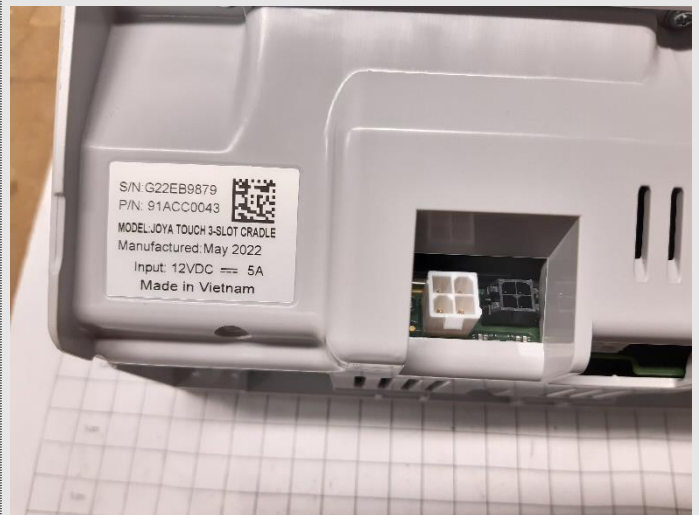
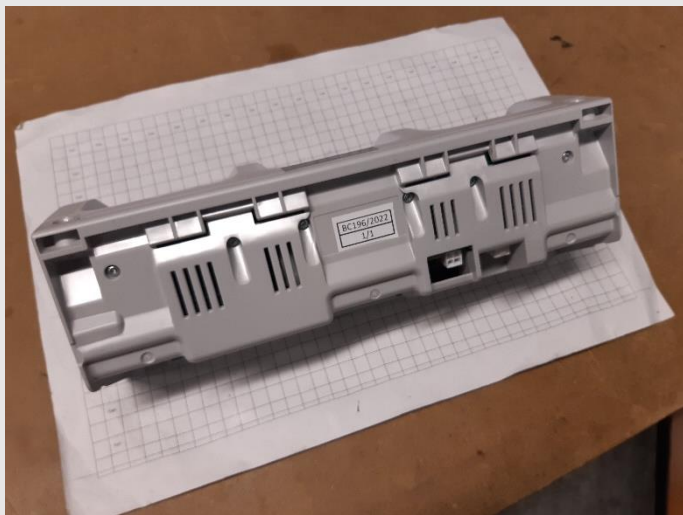
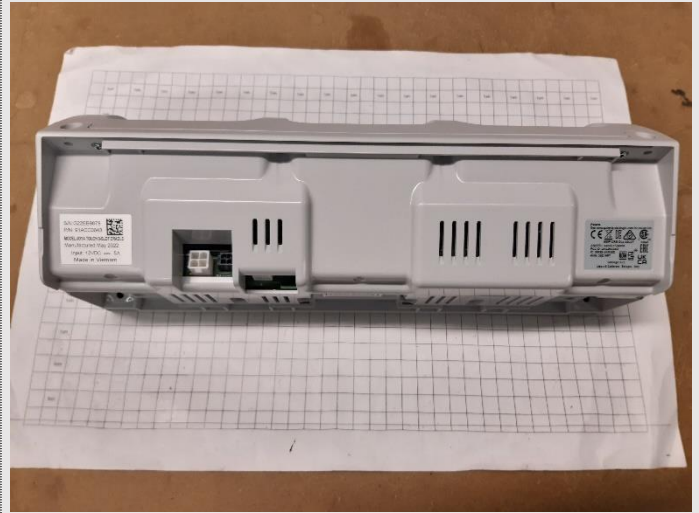
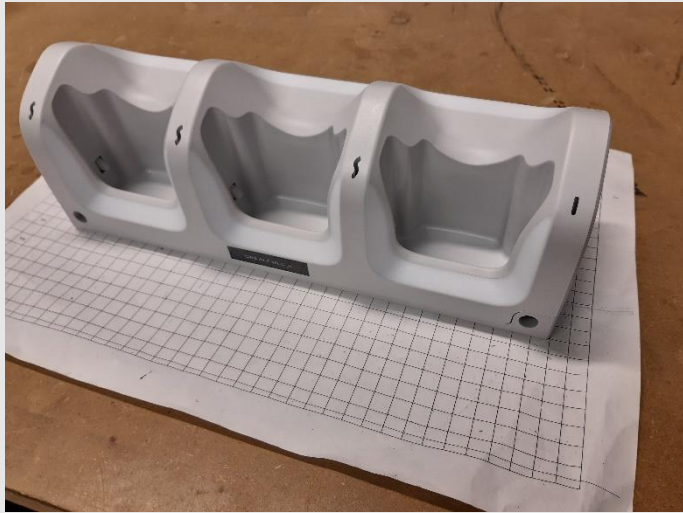


PHOTO N° 2 - RADIATED EMISSION SETUP

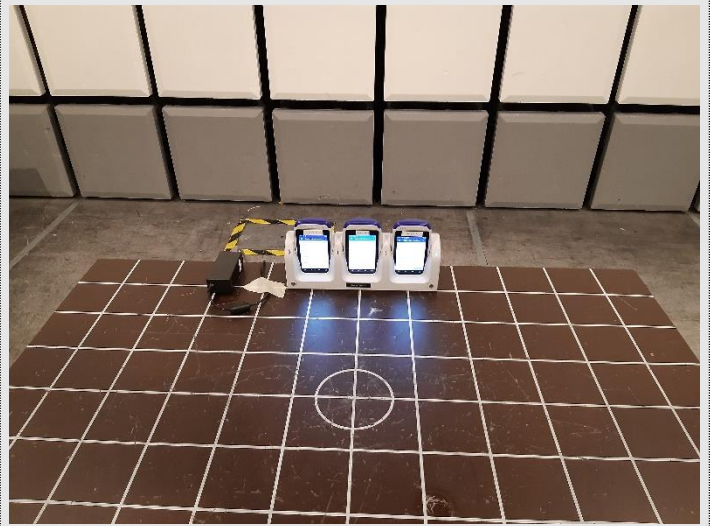
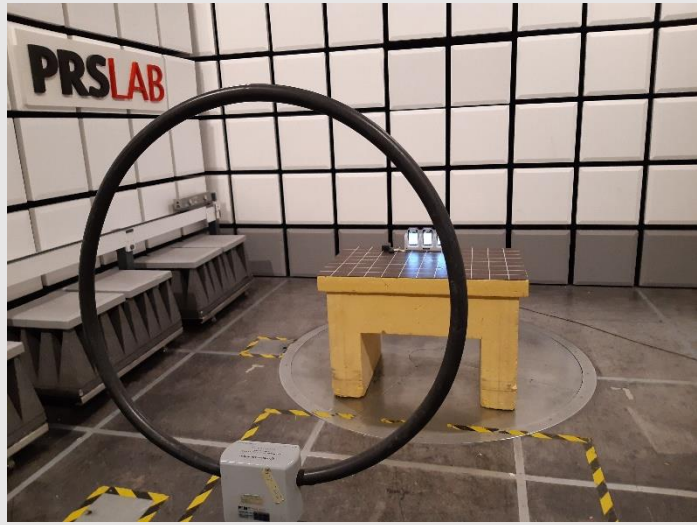


PHOTO N° 3 - CONDUCTED EMISSION SETUP



PHOTO N° 4 – AUXILIARY EQUIPMENT IDENTIFICATION



END OF TEST REPORT