

## TEST REPORT

Ref. n.	<b>TSupPhotos_FCC185700-0</b>	Issue Date:	<b>26/11/2024</b>	Pages:	<b>8</b>
Test object	<i>Type test according to Standards</i> <b>47 CFR FCC Part 15 Subpart C §15.247</b>				
Applicant	<b>DATALOGIC S.r.l.</b> 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	Radio module				
Tested model	<b>SIRIUS STAR RADIO, 915MHZ</b>				
FCC Identification number	<b>U4F-SIRIUS915</b>				
Date of test samples receipt	16/10/2024				
No. of tested samples	1 – Sampled by the manufacturer				
Test date	From 29/10/2024 to 12/11/2024				
Testing site	PRSLAB S.r.l. Unipersonale - Via Campagna 92 - 22020 Faloppio - Como - Italy				
FCC designation number	IT0012				
Verifications carried out by	<b>Daniele AOSANI</b> Laboratory Engineer				
Approved by	<b>Luana PARISI</b> 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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PRSLAB refuses any responsibility about information provided by the customer contained in this test report.

## TABLE OF CONTENTS

<b>0. RELEASE CONTROL RECORD .....</b>	<b>2</b>
<b>1. TECHNICAL INFORMATION OF EQUIPMENT UNDER TEST (EUT) .....</b>	<b>3</b>
1.1 EUT Identification .....	3
1.2 Radio module technical data .....	4
<b>2. PHOTOGRAPHIC DOCUMENTATION .....</b>	<b>5</b>


### 0. RELEASE CONTROL RECORD

TEST REPORT NUMBER	REASON OF CHANGE	DATE OF ISSUE
TSupPhotos_FCC185700-0	Original release	26/11/2024


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

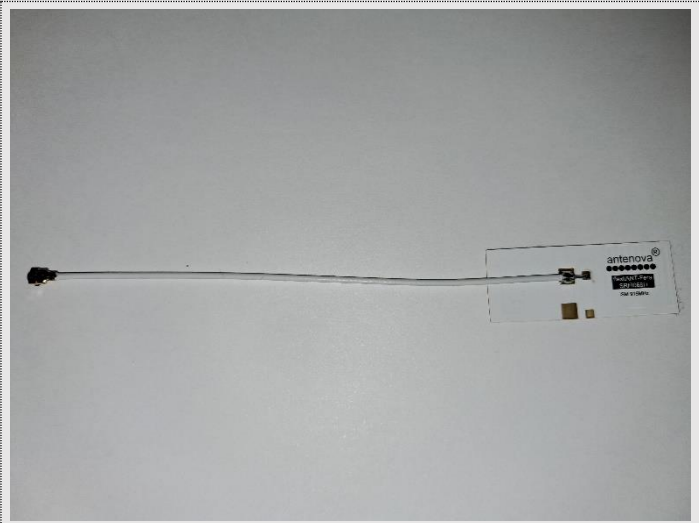
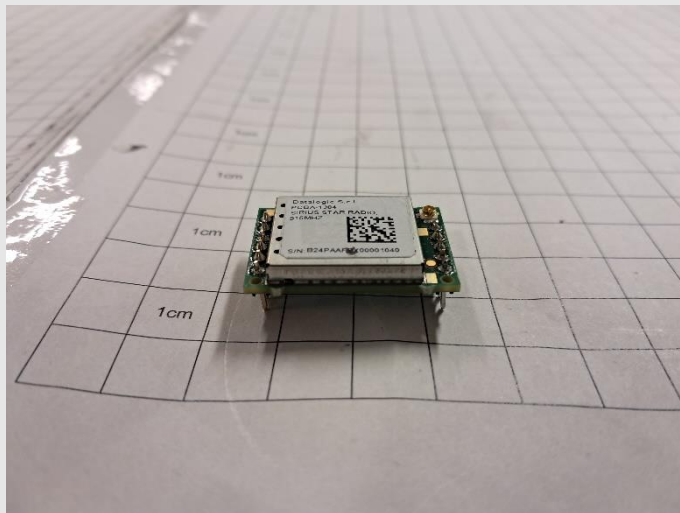
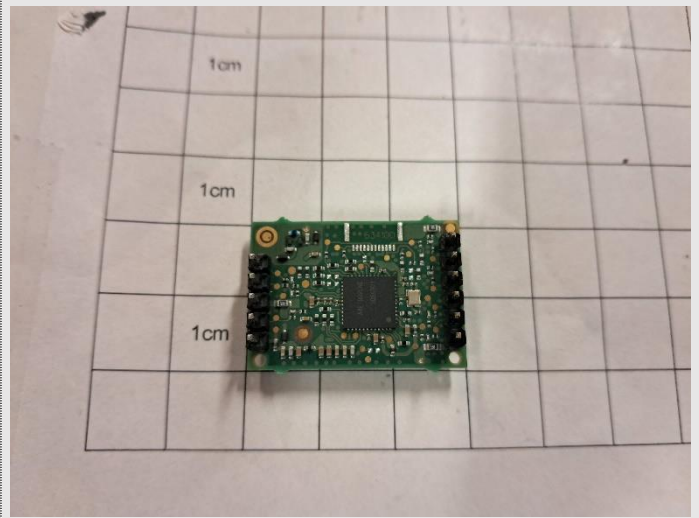
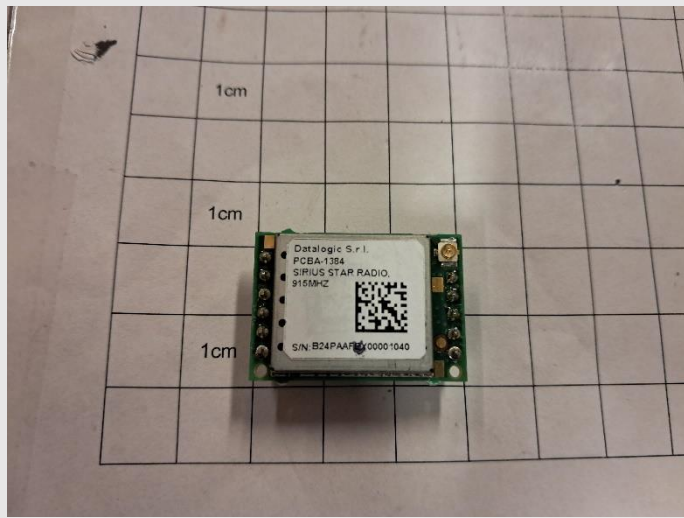
<b>DESCRIPTION</b>	Radio module
<b>MODEL NAME</b>	SIRIUS STAR RADIO, 915MHZ
<b>FCC ID</b>	U4F-SIRIUS915
<b>SERIAL NO.</b>	B24PAAFEY00001040
<b>PRS LAB INTERNAL REFERENCE</b>	BC 267/2024 3/15
<b>TRADEMARK</b>	
<b>MANUFACTURER</b>	DATALOGIC S.r.l.
<b>COUNTRY OF MANUFACTURER</b>	Italy
<b>SINGLE UNIT OR SYSTEM</b>	Single
<b>POWER SOURCE</b>	DC power from board
<b>SUPPLY VOLTAGE</b>	3.0 ÷ 3.6Vdc, Typical 3.3Vdc
<b>OPERATING TEMPERATURE</b>	-30°C ÷ +85°C
<b>HARDWARE VERSION</b> (Information provided by Customer)	A
<b>FIRMWARE VERSION</b> (Information provided by Customer)	A
<b>DIMENSIONS</b>	See photographic documentation
<b>EUT STANDING</b>	<input checked="" type="checkbox"/> WALL; <input type="checkbox"/> CEILING; <input checked="" type="checkbox"/> TABLE; <input type="checkbox"/> FLOOR; <input type="checkbox"/> RACK MOUNTED; <input type="checkbox"/> BODY WORN; <input checked="" type="checkbox"/> HANDELD; <input type="checkbox"/> PORTABLE; <input type="checkbox"/> MOBILE
<b>HIGHEST INTERNAL FREQUENCY</b> (Information provided by Customer)	<input type="checkbox"/> <108MHz; <input type="checkbox"/> 108MHz<F<500MHz; <input checked="" type="checkbox"/> 500MHz<F<1GHz; <input type="checkbox"/> F>1GHz; F = 926.936MHz

## 1.2 Radio module technical data

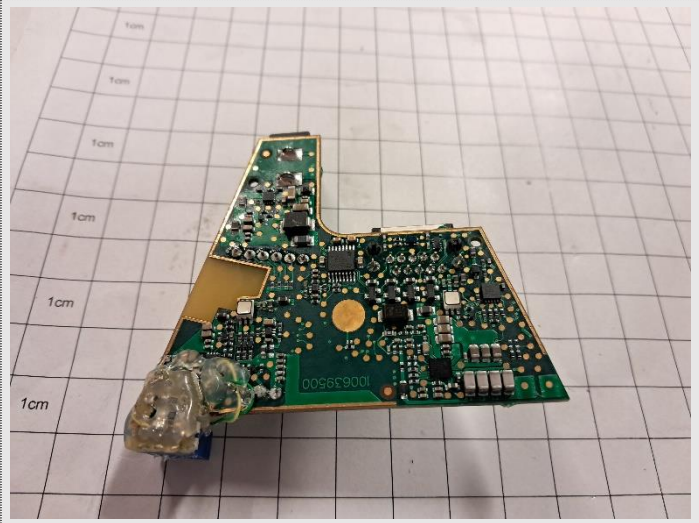
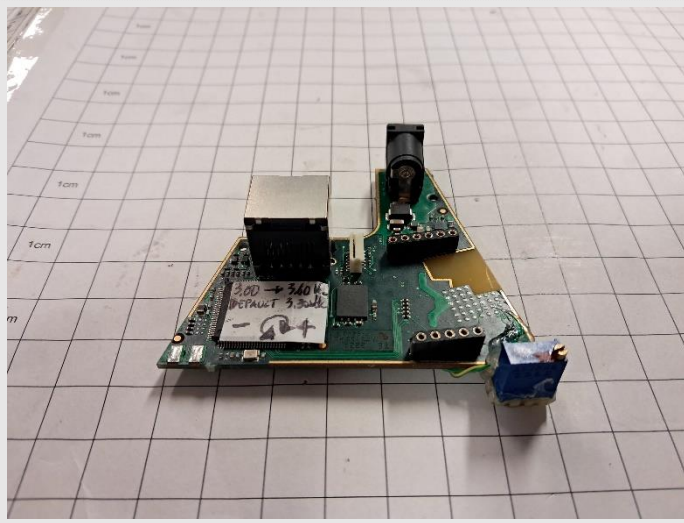
<b>ETS CATEGORY</b>	Digital Transmission System (DTS) - Transceiver
<b>FREQUENCY BAND</b>	From 902MHz to 928MHz
<b>WORKING FREQUENCY</b>	910MHz
<b>NUMBER OF CHANNELS</b>	1
<b>CHANNEL OCCUPIED BANDWIDTH</b>	1.16MHz
<b>CHANNEL SPACING</b>	---
<b>TYPE OF MODULATION</b>	NRZ
<b>DATA RATE</b>	500000 bit/s
<b>ANTENNA TYPE</b> (Information provided by Customer)	Flexible antenna with cable
<b>ANTENNA GAIN</b> (Information provided by Customer)	SRFI068H-100 with peak gain of 0.2dBi
<b>ANTENNA MODEL</b> (Information provided by Customer)	SRFI068V-100 with peak gain of 0.7dBi
<b>ANTENNA MANUFACTURER</b> (Information provided by Customer)	

## 2. PHOTOGRAPHIC DOCUMENTATION

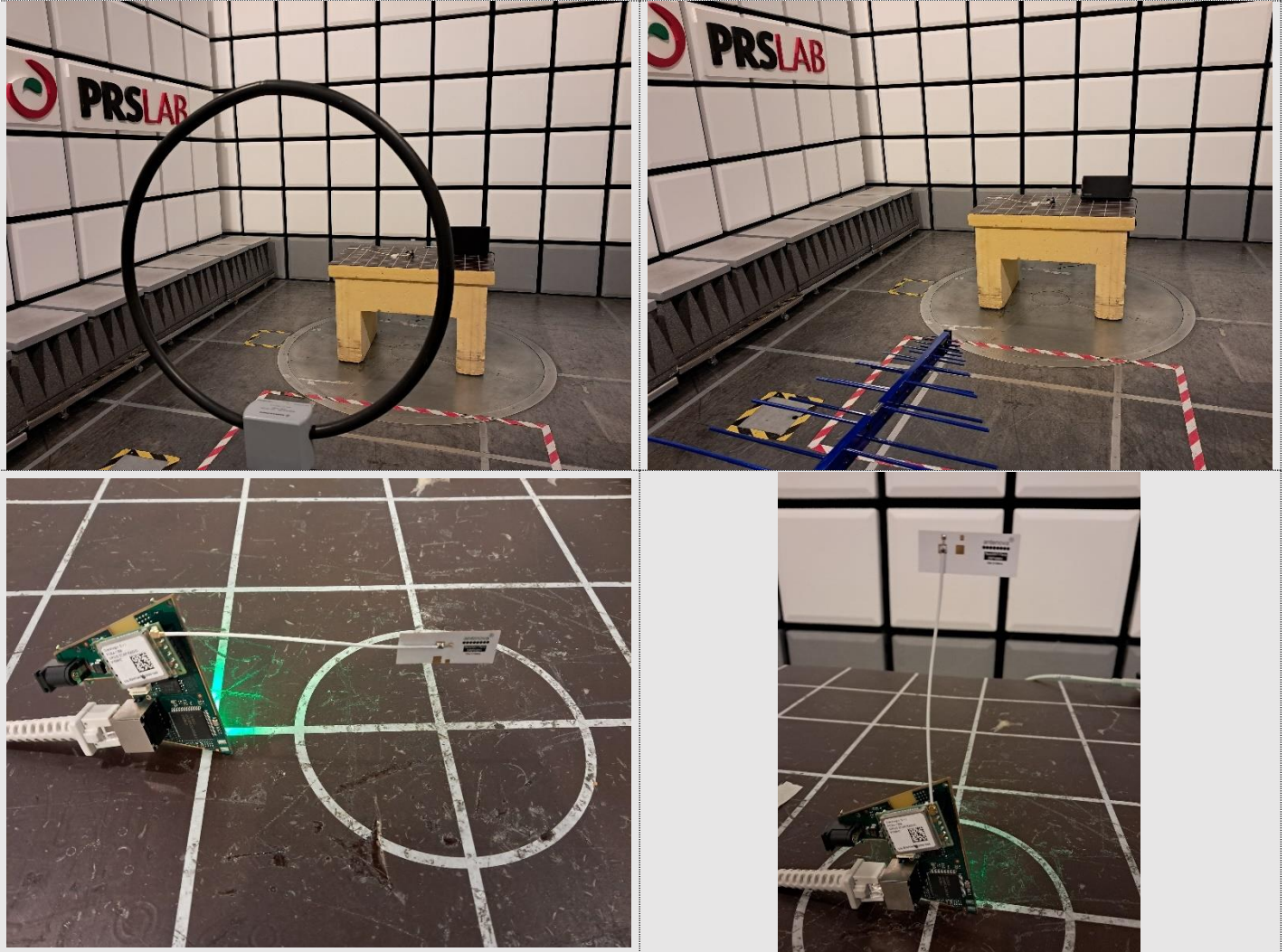
PHOTO N° 1 - EUT IDENTIFICATION



**PHOTO N° 2 - AUXILIARY IDENTIFICATION**



**PHOTO N° 3 - RADIATED EMISSION TEST SETUP**



**END OF TEST REPORT**