

# Report on the Radio Testing of the LARS THRANE A/S Communications System, Model: LT-3100

In accordance with ETSI EN 301 441

Prepared for: LARS THRANE A/S  
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Product Service

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Issue: 01

RESPONSIBLE FOR	NAME	DATE	SIGNATURE
Project Management	Adam Porteous	04 July 2018	
Authorised Signatory	Simon Bennett	04 July 2018	

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD Product Service document control rules.

### EXECUTIVE SUMMARY

A sample of this product was tested and found to be compliant with ETSI EN 301 441: V2.1.1 (2016-06).



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## 1 Report Summary

### 1.1 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

Issue	Description of Change	Date of Issue
1	First Issue	04 July 2018

**Table 1**

### 1.2 Introduction

Applicant	LARS THRANE A/S
Manufacturer	LARS THRANE A/S
Model Number(s)	Communications System: LT-3100 Control Unit: LT-3110 Antenna: LT-3130 Handset Cradle: LT-3120 Handset Unit: LT3121
Serial Number(s)	Communications System: 00001730 Antenna: 00001668
Hardware Version(s)	1.00
Software Version(s)	1.01R
Number of Samples Tested	1
Test Specification/Issue/Date	ETSI EN 301 441: V2.1.1 (2016-06)
Order Number	QAF
Date	08-March-2018
Date of Receipt of EUT	03-April-2018
Start of Test	05-April-2018
Finish of Test	05-April-2018
Name of Engineer(s)	Gary Bridle

### 1.3 Brief Summary of Results

A brief summary of the tests carried out in accordance with ETSI EN 301 441 is shown below.

Section	Specification Clause	Test Description	Result	Comments/Base Standard
Configuration and Mode: Configuration 5 Iridium Transceiver Tx				
2.1	4.2.1	Unwanted Emissions Outside the Band 1610 MHz to 1626.5 MHz and the Band 1626.5 MHz to 1628.5 MHz (carrier-on)	Pass	
Configuration and Mode: Configuration 7 Iridium Transceiver Rx				
2.2	4.2.4	Unwanted Emissions in the Carrier Off State	Pass	

**Table 2**