

A4 / 07.17





EU Type Examination Certificate Certificate No: DK-RED000503 i01

Certificate Holder:

Iridium Satellite LLC Suite 1400 1750 Tysons Boulevard McLean VA 22102 USA

Product Type:

Satellite Radio Iridium voice and data satellite transceiver module

Model(s):

Iridium Core 9523

We, TÜV SÜD DANMARK ApS, as Notified Body number 2443, have examined the technical documentation and supporting evidence for the above listed equipment and found it to comply with the requirements of Annex III Module B of Radio Equipment Directive 2014/53/EU in relation to the following essential requirements covered by the examination.

Essential Requirements:

Article 3.1 (a) in respect of Health and Safety Article 3.1 (b) in respect to EMC Article 3.2 in respect to the use of the Radio Spectrum

This is based upon examination of the following Technical Data file. Please refer to the Annex for further technical details.

Technical Documentation:

P0947-REGA-007

Valid from: 2020-04-08

J.J. Toynam

(Thomas Twynam)

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This certificate has been issued in accordance with the TÜV SÜD Testing and Certification Regulations and constitutes page 1 of the combined Certificate and Annex.

The CE marking may be used on the equipment described above subject to the equipment meeting the compliance requirements of all applicable EU directives.

The conditions for the validity of this certificate are listed in the Annex. For further details related to this certification please contact <u>BABT@tuv-sud.co.uk</u>

REDK1 089126 0025 Rev. 00

TÜV SÜD DANMARK ApS • Strandvejen 125 • 2900 Hellerup • Denmark



Annex to EU-Type Examination Certificate

1 Equipment Description

Iridium voice and data satellite transceiver module.

1.1 Models

| Model | Part Number | HW Version | SW Version |
|-------------------|-------------|------------|------------|
| Iridium Core 9523 | IRID0125 | RREU001 | RREU001 |

1.2 Supported Functions and Features

1.2.1 Non-radio features

None.

1.2.2 Radio features

| Radio | Features | Operating Spectrum / Power |
|-----------|----------|-----------------------------|
| Iridium - | | 1616.0 MHz - 1626.5 MHz 7 W |

1.3 Accessories

None.

2 Assessed Standards

| Article 3.1(a) | Article 3.1(b) | Article 3.2 |
|----------------------------------|---|-------------------|
| EN 62311:2008 EN 62368-1:2014 | Draft EN 301 489-1 V2.2.0 Draft EN 301 489-20 V2.1.0 | EN 301 441 V2.1.1 |

3 Technical Documentation

3.1 Technical Documentation

Technical documentation and supporting evidence were examined and found to comply with the EUtype examination requirements in conjunction with Annex V requirements of the directive.

3.2 Declarations

| P0947-F | REGA-005 v1.5 '9523 EU Declaration of Conformity' DKv1 | Modified | 2020-01-24 |
|---------|---|----------------|--------------------------|
| 3.3 | Strategic Documentation | | |
| | REGA-008 v1.4 '9523 RED Risk Assessment' REGA-012 v1.2 '9523 RED Conformity Assessment Principles' | Dated Dated | 2017-08-24 2018-01-26 |
| 3.4 | Technical Compliance Documentation | | |
| 3.4.1 | Article 3.1(a) | | |
| | 039075-000 75 Report 03 Issue 2 | Dated Dated | 2017-07-11 2017-08-01 |



3.4.2 Article 3.1(b)

| TRA-006099-35-00A | Dated | 2011-09-02 |
|----------------------|-------|------------|
| 75939075-02 Issue 02 | Dated | 2017-07-10 |
| 3.4.3 Article 3.2 | | |
| TRA-006099-00-W-EU1 | Dated | 2011-09-01 |
| 75939075-01 Issue 01 | Dated | 2017-07-06 |
| 75940346-02 Issue 01 | Dated | 2018-01-25 |

4 Additional Information

Any equipment integrating this radio module is subject to all the requirements of the Radio Equipment Directive.

5 Conditions of Validity

None.

| Signature: <u>J. J. Juynan</u> Print Name: <u>Tom Twynam</u> | Date: | 2020-04-08 | |
|---|-------|------------|--|
| On behalf of TÜV SÜD Danmark ApS | | | |