

**CETECOM™****CETECOM ICT Services**  
consulting - testing - certification >>>**TEST REPORT**

Test report no.: 1-9683/15-01-07

Deutsche  
Akkreditierungsstelle  
D-PL-12076-01-00**Testing laboratory****CETECOM ICT Services GmbH**

Untertuerkheimer Strasse 6 – 10

66117 Saarbruecken / Germany

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Internet: <http://www.cetecom.com>e-mail: [ict@cetecom.com](mailto:ict@cetecom.com)**Accredited Testing Laboratory:**

The testing laboratory (area of testing) is accredited according to DIN EN ISO/IEC 17025 (2005) by the Deutsche Akkreditierungsstelle GmbH (DAkkS)

The accreditation is valid for the scope of testing procedures as stated in the accreditation certificate with the registration number: D-PL-12076-01-00

**Applicant****Thrane & Thrane A/S (trading as Cobham SATCOM)**

Lundtoftegaardsvej 93D

DK-2800 Kgs Lyngby / DENMARK

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**Manufacturer****Thrane & Thrane A/S (trading as Cobham SATCOM)**

Lundtoftegaardsvej 93D

DK-2800 Kgs Lyngby / DENMARK

**Test standard/s**

47 CFR Part 25

Title 47 of the Code of Federal Regulations; Chapter I; Part 25 - Satellite Communications

IC SRSP-101

Technical Requirements for Fixed Earth Stations Operating Above 1 GHz in Space Radiocommunication Services and Earth Stations On Board Vessels (ESVs) Operating in the Fixed-Satellite Service

For further applied test standards please refer to section 3 of this test report.

**Test Item****Kind of test item:** Antenna system for Ku Band Land VSAT/SNG, Drive Away System**Model name:** EXPLORER 8100 Ku**FCC ID** ROJ-8157A**IC:** 6200B-8157A**Frequency:** RX: 10.70 – 12.75 GHz, TX: 13.75 – 14.50 GHz**Characteristics:** Tx/Rx, VSAT/SNG-Terminal, BPSK, QPSK, 8PSK**Power supply:** 100-240V AC 50-60 Hz**Temperature range:** ACU -25 °C to +55 °C  
ODU -33 °C to +55 °C

This test report is electronically signed and valid without handwriting signature. For verification of the electronic signatures, the public keys can be requested at the testing laboratory.

**Test report authorized:**

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