

EU DECLARATION OF CONFORMITY



Product Name: TRANSMITTER 100W TXU
Model Number: ES0196A00001
Name: ERA a.s.
Address: Prumyslova 387, 530 03 Pardubice,
Czech Republic, ID No. 60916427



This declaration of conformity is issued under the sole responsibility of the manufacturer.

Object of the declaration:

The TXU unit is a combined interrogator in A/C/S modes and check responses transmitter in S mode for MLAT system integrity testing and time synchronization of MLAT systems with distributed time and elliptical-hyperbolic MLAT systems. Unit TXU is exclusively usable for passive tracking systems produced by ERA a.s.

The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:

Directive 2014/53/EU

References:

Electromagnetic compatibility:

EN 61000-6-2: 2005 - Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments

EN 61000-6-3: 2007+A1:2011 - Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments

EN 55022: 2010 Class B - Information technology equipment - Radio disturbance characteristics - Limits and methods of measurement

ETSI EN 301 489-1 V1.9.2 - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

ETSI EN 301 489-3 V1.6.1 - Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz.

Electrical safety:

EN 60950-1: 2006 - Information technology equipment - Safety - Part 1: General requirements

Effective use of spectrum:

BNetzA SSB FL 014: 2012-06 - Schnittstellenbeschreibung für bodengestützte Sendeeinrichtungen des Flugnavigations- und Ortungsfunks bei 1030 und 1090 MHz

BNetzA SSB FL 017: 2013-07 - Schnittstellenbeschreibung für Sekundärradaranlagen

ITU-R SM.329-12 2012-09 - Unwanted emissions in the spurious domain

Signed for and on behalf of:

In Pardubice on the 6th of January, 2017

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Jiří Jirout
Quality Assurance Manager