

ETSO-C162b

ED Decision 2022/018/R

GROUND-BASED AUGMENTATION SYSTEM VERY HIGH FREQUENCY DATA BROADCAST EQUIPMENT

1 Applicability

This ETSO provides the requirements that Ground-Based Augmentation System Very High Frequency Data Broadcast Equipment that is designed and manufactured on or after the date of this ETSO must meet in order to be identified with the applicable ETSO marking.

2 Procedures

2.1 General

The applicable procedures are detailed in CS-ETSO, [Subpart A](#).

2.2 Specific

None.

3 Technical Conditions

3.1 Basic

3.1.1 Minimum Performance Standard

The applicable standards are those provided in RTCA document DO-253D, Change 1, 'Minimum Operational Performance Standards for GPS Local Area Augmentation System Airborne Equipment', dated 27 June 2019.

Note: All RTCA/DO-253D Change 1 references to RTCA/DO 246() apply to RTCA/DO-246E, including Change 1, 'GNSS-Based Precision Approach Local Area Augmentation System (LAAS) Signal-In-Space Interface Control Document (ICD)'.

3.1.2 Environmental Standard

See CS-ETSO, [Subpart A](#), paragraph 2.1.

3.1.3 Software

See CS-ETSO, [Subpart A](#), paragraph 2.2.

3.1.4 Airborne Electronic Hardware

See CS-ETSO, [Subpart A](#), paragraph 2.3.

3.2 Specific

3.2.1 Failure Condition Classification

See CS-ETSO, [Subpart A](#), paragraph 2.4.

4 Marking

4.1 General

See CS-ETSO, [Subpart A](#), paragraph 1.2.

4.2 Specific

None.

5 Availability of Referenced Documents

See CS-ETSO, [Subpart A](#), paragraph 3.

[Amdt ETSO/7]

[Amdt ETSO/17]