

ECE TYPE-APPROVAL CERTIFICATE
Communication concerning the approval granted of an
electrical/electronic sub-assembly with
regard to Regulation No.10.



Approval No: E24 10R-041472

Extension No: *N/A*

Reason for extension:

N/A.

1. Make (trade name of manufacturer):

*VIASAT S.p.A.
VIASAT GROUP S.p.A
VEM SOLUTIONS S.p.A.
ELEM S.p.A.*

2. Type and general commercial description:

*KZU
GPS/GSM LOCALIZER*

Version(s):

N/A

3. Means of identification of type, if marked on the component:

See point 2 above.

3.1 Location of that marking:

*ADHESIVE LABEL ON THE BOTTOM
OF THE PLASTIC BOX.*

4. Category of vehicle:

See Appendix

5. Name and address of manufacturer:

*VIASAT S.p.A. – Via Tiburtina 1180,
00156 Roma - ITALY.*

6. In the case of components and separate technical units,
location and method of affixing of the ECE approval mark:

*ADHESIVE LABEL ON THE BOTTOM
OF THE PLASTIC BOX.
See drawing number KZRA_ADE*

7. Address(es) of assembly plant(s):

*ELEM S.p.A. ~ Via Aosta 20/22/24,
10078 Venaria Reale (TO) - ITALY*



NSAI
Certification

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8. Additional information (where applicable): *See appendix*
9. Technical service responsible for carrying out the tests: *IMQ*
10. Date of test report: *24.06.2014*
11. Number of test report: *ARSO00072*
12. Remarks (if any): *See Appendix*
13. Place: *Dublin*
14. Date: *25th July, 2014.*

15. Signature:



16. The index to the information package lodged with the approval authority, which may be obtained on request is attached.



NSAI

Certification

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Appendix

To type-approval communication concerning the type approval of an electrical/electronic sub-assembly under Regulation No.10.

1. Additional information
 - 1.1. Electrical system rated voltage: *12V /24V DC, negative ground*
 - 1.2. This ESA can be used on any vehicle type with the following restrictions: *See manufacturer's specifications.*
 - 1.2.1 Installation conditions, if any: *See manufacturer's specifications.*
 - 1.3. This ESA can only be used on the following vehicle types: *N/A*
 - 1.3.1 Installation conditions, if any: *N/A*
 - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were:
Bulk injection method.
Frequency range: 20MHz-200MHz

Free Field Substitution method.
Frequency range: 200MHz-2GHz
 - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: *VIASAT S.p.A.*
2. Remarks: *N/A*

Appendix to type-approval communication concerning the type approval of a vehicle under Regulation No.10.

1. Additional information
2. Special devices for the purpose of Annex 4 to this Regulation: *N/A*
3. Electrical system rated voltage: *N/A*
4. Type of bodywork: *N/A*
5. List of electronic systems installed in the tested vehicle(s) not limited to the items in the information document: *N/A*
 - 5.1 Vehicle equipped with 24 GHz short-range radar equipment (yes/no): *N/A*
6. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: *N/A*
7. Remarks: *N/A*