

# NSAI

## ECE TYPE-APPROVAL CERTIFICATE



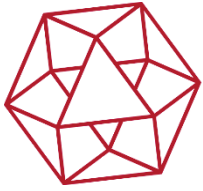
Communication Concerning:    Approval granted  
   ~~Approval extended~~  
   ~~Approval refused~~  
   ~~Approval withdrawn~~  
   ~~Production definitively discontinued~~

Of a type of electrical/electronic sub-assembly with regard to Regulation No.10.

Approval No: **E24\*10R06/00\*3472\*00**

Reason for extension: *-N/A*

1.     Make (trade name of manufacturer):  
*Vem Solutions, VIASAT, Viasat Group, Viasat Connect, Viasat Technology, Viasat Servicios Telematicos, Personalizacion y Seguridad Profesional, Mobilefleet Chile, Viasat Systems, Enigma Vehicle Systems, Viasat Telematics, Viasat Polska, Viasat Operator Telematyczny, CMA Monitoring Group, Viasat Monitoring, Tracksys, BF Engineering, Hitech, Icom*
  
2.     Type and general commercial description:  
*JRTT-1  
Black box (GPS/GSM localizer and emergency system)*  
  
      Variant(s): *N/A*
  
3.     Means of identification of type, if marked on the ~~vehicle/~~  
          component/~~separate technical unit~~:  
*JRTT-1*
  
- 3.1    Location of that marking: *Adhesive label on bottom of plastic case*
  
4.     Category of vehicle: *See Appendix*
  
5.     Name and address of manufacturer:  
*VEM SOLUTIONS S.p.A.  
Via Aosta, 20/22/24,  
10078 Venaria Reale (TO),  
Italy*
  
6.     In the case of components and separate technical units,  
          location and method of affixing of the approval mark: *Adhesive label on bottom of plastic case*

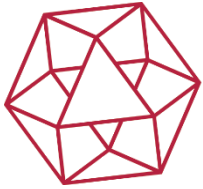


# NSAI

Approval No: E24\*10R06/00\*3472\*00

7. Address(es) of assembly plant(s): *VEM SOLUTIONS S.p.A.  
Via Aosta, 20/22/24,  
10078 Venaria Reale (TO),  
Italy*
8. Additional information (where applicable): *See Appendix below*
9. Technical service responsible for carrying out the tests: *IMQ S.p.A.  
Via Quintiliano, 43  
I-20138 Milano*
10. Date of test report: *18.02.2021*
11. Number of test report: *AR21-0060931-01*
12. Remarks (if any): *See Appendix below*
13. Place: *Dublin*
14. Date: *02<sup>nd</sup> March, 2021*
15. Signature: 
16. The index to the information package lodged with the approval authority, which may be obtained on Request, is attached.





# NSAI

Approval No: E24\*10R06/00\*3472\*00

## 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, 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 Current Injection Method:  
Frequency: (20 – 200 MHz)  
Absorber Chamber Test:  
Frequency: (200 – 2000 MHz)*
  - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: *IMQ 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*