



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY

COMMUNICATION CONCERNING APPROVAL EXTENDED OF A TYPE OF ELECTRONIC SUB-  
ASSEMBLY WITH REGARD TO REGULATION NO. 10.05



Approval No: E11\*10R05/01\*11514\*01

1. Make (trade name of manufacturer): Sierra Wireless Inc.
2. Type and general commercial description(s): XR90 5G. Mobile Gateway, XR80 5G: Mobile Gateway, XR80 LTE Cat-20: Mobile Gateway
3. Means of identification of type, if marked on the component: Type name of device on self-adhesive label
  - 3.1. Location of that marking: Label on the bottom of the device
4. Category of vehicle: Not applicable
5. Name and address of manufacturer:

Sierra Wireless, Inc.  
13811 Wireless Way  
Richmond, BC, Canada  
V6V3A4
6. In the case of components and separate technical units, location and method of affixing of the approval mark: Self-adhesive label on the bottom of the device

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

Jabil Vietnam Co. Ltd.  
Lot i8-1, Saigon Hi-Tech Park  
700000 District 9, Ho Chi Minh City  
Vietnam

Jabil Circuit de Chihuahua S. de R.L. de  
C.V.  
Av. Alejandro Dumas # 11341  
Complejo Industrial Chihuahua  
Chihuahua, Chihuahua 31136  
México

Flextronics Electronics Technology (Suzhou)  
Co., Ltd.  
No. 268 Suhong Zhong Road  
Suzhou Industrial Park  
Suzhou City, Jiangsu Province 215126  
People's Republic of China

8. Additional information (where applicable): See Appendix

9. Technical Service responsible for carrying out the tests: SGS UK Ltd

10. Date of test report: As before and 15 December 2021 Technical Letter

11. No. of test report: As before and AUT287929/1 Technical Letter

12. Remarks (if any): See Appendix

13. Place: BRISTOL

14. Date: 21 JANUARY 2022

15. Signature:



C McCABE  
Chief Technical and Statutory Operations Officer

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

17. Reasons for extension:

Addition of models XR80 5G Mobile Gateway and XR80 LTE Cat-20 Mobile Gateway to approval.

**Appendix**

to type-approval communication form No. E11\*10R05/01\*11514\*01  
concerning the type-approval of an electrical/electronic sub-assembly under Regulation No. 10.05

1. Additional information:
  - 1.1. Electrical system rated voltage: : 7-36 V DC. neg ground
  - 1.2. This ESA can be used on any vehicle type with the following restrictions: 12/24V Neg DC
    - 1.2.1. Installation conditions, if any:  
Installation and use as per product user manual.
  - 1.3. This ESA can be used only on the following vehicle types: Not applicable
    - 1.3.1. Installation conditions, if any:  
Not applicable
  - 1.4. The specific test method(s) used and the frequency ranges covered to determine immunity were: (Please specify precise method used from Annex 9):  
Not applicable
  - 1.5. Laboratory accredited to ISO 17025 and recognized by the Approval Authority responsible for carrying out the tests: SGS United Kingdom Limited, Durham, United Kingdom.
2. Remarks: None



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APPROVAL NUMBER: E11\*10R05/01\*11514\*01

**INFORMATION PACKAGE CONTENTS**

**INDEX REVISION NUMBER: 01 (One)**

**Conformity of Production (COP) Declaration    COP Confirmed**

**Assessment Method    COP Audit**

**Date of Initial Clearance    August    2015**

**Date of Last Clearance    August    2021**

Total number of sheets: 02 (Two)

Reasons for Revision:    See approval certificate

Revision Date  
&  
Office Stamp

ECE Reg 10.05 information regarding  
approval for E-marking of Component/STU.

General Details:

Section 1                      Make. (trade name of manufacturer)

Sierra Wireless, Inc.

Section 2                      Type: General Commercial Description.

XR90 5G: Mobile Gateway  
XR80 5G: Mobile Gateway  
XR80 LTE Cat-20: Mobile Gateway

Section 3                      Means of identification of type, if marked on the Component/STU.

Type name of device on self-adhesive label.

Section 3.1                  State where the identification / model number is situated on the product,  
and how it is marked.

Label on the bottom of the device.

Section 4                      Name and address of Manufacturer

Sierra Wireless, Inc.  
13811 Wireless Way  
Richmond, BC, Canada  
V6V3A4

Section 4.1                  Name and address of Manufacturer's representative inside the  
European Union

Sierra Wireless  
24 Boulevard des Îles  
92441 Issy-les-Moulineaux  
France

Section 5                      State how and where the type approval E mark will be affixed

Self-adhesive label on the bottom of the device.

Section 6                      Address(es) of assembly plant(s)

Jabil Vietnam Co. Ltd.  
Lot i8-1, Saigon Hi-Tech Park  
700000 District 9, Ho Chi Minh City  
Vietnam

Flextronics Electronics Technology (Suzhou) Co., Ltd  
No. 268 Suhong Zhong Road  
Suzhou Industrial Park  
Suzhou City, Jiangsu Province 215126



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Av. Alejandro Dumas # 11341  
Complejo Industrial Chihuahua  
Chihuahua, Chihuahua 31136  
México

Section 7 This product shall be approved as a Component

Section 8 Restrictions of use and conditions for fitting.

Any restrictions as per usage/installation in the product hardware user guide.

Section 9 Electrical system rated voltage Positive/negative Ground.

7-36 VDC - Negative ground.

Only applicable for charging systems: (REESS)

Section 10 Charger: on board/external<sup>2</sup>.

Section 11 Charging current: direct current/alternating current (number of phases/frequency<sup>2</sup>).

Section 12 Maximal nominal current (in each mode if necessary).

Section 13 Nominal charging voltage.

Section 14 Basic ESA interface functions: ex. L1/L2/L3/N/PE/control pilot.

Section 15 Minimum  $R_{sce}$  value (see paragraph 7.11. of this Regulation.

N/A



The Vehicle Certification Agency (VCA)  
1 The Eastgate Office Centre  
Eastgate Road  
Bristol  
BS5 6XX

15<sup>th</sup> December 2021

Reference number AUT287929/1

Dear Sir / Madam,

With regards to EAY541215 job number covering the E-marking extension to E11 10R-05/01/11514 approval.

SGS agree with the client that the addition of two new models XR80 5G: Mobile Gateway, XR80 LTE Cat-20: Mobile Gateway will not change the compliance; to the requirements of the approval E11 10R-05/01/11514

Yours Sincerely

Keith Hunter