

Verification Report

No.: CANEC1901079101

Date: 19 Feb 2019

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Applicant : FIBOCOM WIRELESS INC
Address : 5F,TOWER A,TECHNOLOGY BUILDING II,1057 NANHAI AVENUE,SHENZHEN,CHINA

Sample Name : Wireless LTE Module
SGS Ref No. : CP19-002729 - SZ
Tested Basic Model No. (P.O. No.) : NL668-EU
Test Extended Model No. (P.O. No.) : NL668-EU MiniPCle
Verification Period : 15 Jan 2019 – 19 Feb 2019

Verification Requested : By client's request, verify chlorine and bromine concentration in each homogenous material of the submitted sample.

Verification Method

1. Review was performed for the samples disjointed from the submitted articles and the related test reports submitted by the Applicant
2. Test was performed for the samples indicated by the photos in the report with below test methods:
 - (1) Screening by XRF Spectroscopy
 - (2) Wet Chemical Test Method

a. Determination of Chlorine and Bromine by IC with reference to EN 14582:2016

Verification Summary : Based on the review of previous reports and verification results of the submitted sample, each homogenous material subject to verification in the submitted sample has a maximum concentration of 900mg/kg bromine or chlorine and a maximum concentration of 1500mg/kg total chlorine and bromine.

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Jenny Liao
Approved Signatory



Details on Verification

Table 1 The results of XRF screening and chemical test

Part No.	Part Description	Restricted Substances	Results of EDXRF ⁽¹⁾	Results of IC Testing ⁽²⁾ (mg/kg)	No. of Related Test Report	Results in Related Test Report ⁽²⁾ (mg/kg)	Cl/Br ≤ 900 mg/kg	Cl+Br ≤ 1500 mg/kg	Sample Submitted / Resubmitted Date
1	NL668-EU- White adhesive plastic sheet w/ black printing	Br	BL	---	\	\	Comply	Comply	15 Jan 2019
		Cl	BL	---			Comply		
2	NL668-EU- Black body	Br	BL	---	\	\	Comply	Comply	15 Jan 2019
		Cl	BL	---			Comply		
3	NL668-EU- Black body	Br	BL	---	\	\	Comply	Comply	15 Jan 2019
		Cl	BL	---			Comply		
4	NL668-EU- Black body	Br	BL	---	\	\	Comply	Comply	15 Jan 2019
		Cl	BL	---			Comply		
5	NL668-EU- Black body	Br	BL	---	\	\	Comply	Comply	15 Jan 2019
		Cl	BL	---			Comply		
6	NL668-EU- Green "PCB"	Br	BL	---	\	\	Comply	Comply	15 Jan 2019
		Cl	BL	---			Comply		
7	NL668-EU MiniPCIe- Green "PCB"	Br	BL	---	\	\	Comply	Comply	15 Jan 2019
		Cl	IN	281			Comply		

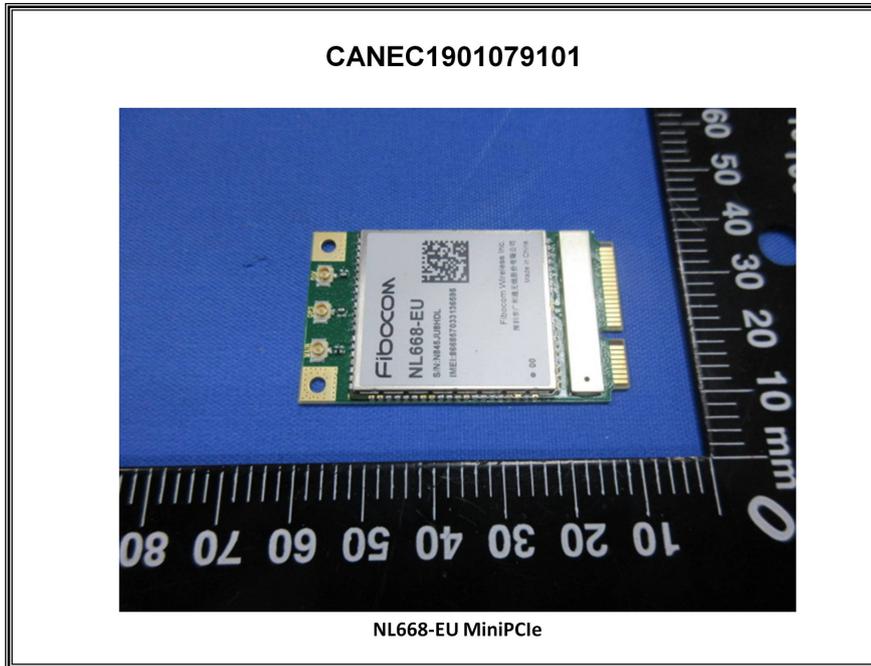
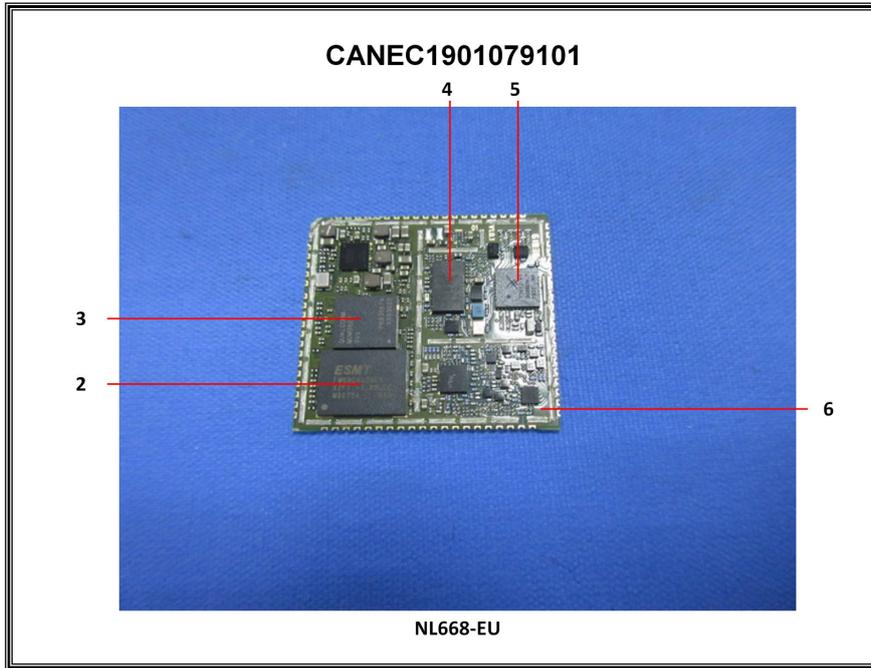


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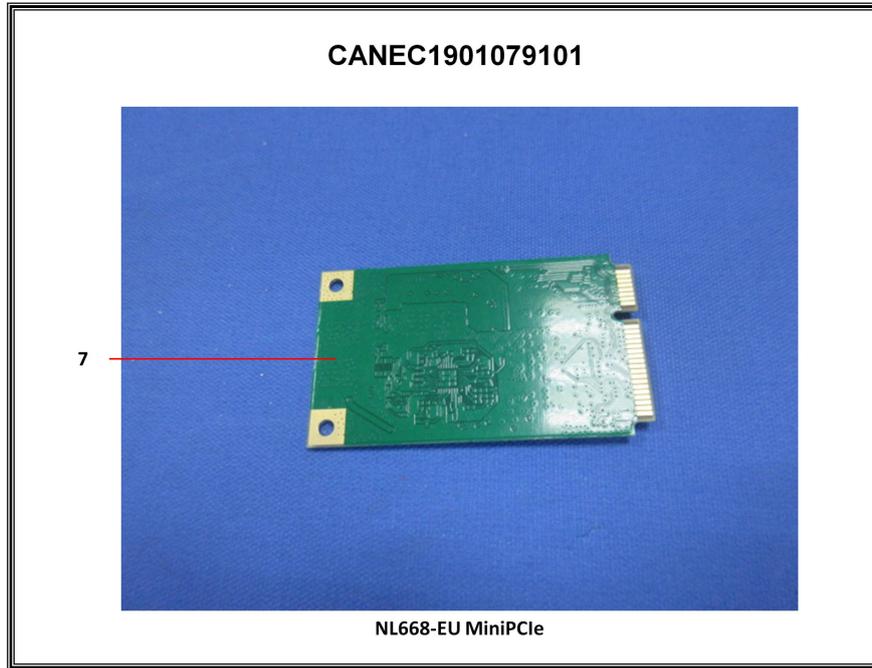


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SGS authenticate the photo on original report only



Remark

(1) (a) Results are obtained by EDXRF for primary screening, and further chemical testing by IC for Cl, Br. (unit: mg/kg)

Element	Judgement
Cl	$BL \leq (400-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (600-3\sigma) < X < (1300+3\sigma) \leq OL$
Cl+Br	$BL \leq (1000-3\sigma) < X < (2800+3\sigma) \leq OL$

(b) BL = Below Limit, OL = Over Limit, IN = Inconclusive.

(c) The XRF screening test for Cl, Br elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

(2) (a) mg/kg = ppm = 0.0001%, ND = Not Detected (<MDL), --- = Not Conducted.

(b) Unit and Method Detection Limit (MDL) in IC test

Test Items	Cl	Br
Units	mg/kg	mg/kg
MDL	50	50

(3) According to the declaration from applicant, the materials of other parts in Model "NL668-EU MiniPCIe " are the same as those in Model "NL668-EU", and the results of Model "NL668-EU " for support the results of other parts in Model "NL668-EU MiniPCIe ". The applicant will take the responsibility of all discrepancy and risk.

*** End of Report ***

