



**BUREAU  
VERITAS**

# EN 301 511/ 301 908-2 Report on

## Brand: Particle

## Model: U201

## HW: V005

## SW: V060

**Report Reference:** Project NO: 180124C03  
Report NO: GC180124C03

**Date:** March 07, 2018

### Test Laboratory:

#### **BV 7LAYERS COMMUNICATIONS TECHNOLOGY(SHENZHEN) CO. LTD**

No. B102, Dazu Cuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industry Park, Nanshan District, Shenzhen, Guangdong, China



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## 1 Administrative Data

### 1.1 Project Data

*Project Responsible:* Rock Tseng  
*Date Of Test Report:* 2018/03/07  
*Date of first test:* 2017/12/07  
*Date of last test:* 2018/01/12

### 1.2 Applicant Data

*Company Name:* Particle Industries, Inc  
*Street:* 126 Post St, 4th floor, San Francisco  
*City:* CA 94108  
*Country:* USA  
  
*Contact Person:* Yuan Eric  
*Phone:* 18682301202  
*E-Mail:* eric@particle.io

### 1.3 Test Laboratory Data

The following list shows all places and laboratories involved for test result generation:

#### **Bureau Veritas ADT, SZ**

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*Company Name :* BV 7LAYERS COMMUNICATION TECHNOLOGY(SHENZHEN) CO. LTD  
*Street :* No. B102, Dazu Cuangxin Mansion, North of Beihuan Avenue, North Area, Hi-Tech Industry Park, Nanshan District  
*City :* Shenzhen, Guangdong  
*Country :* China  
*Contact Person :* Rock Tseng  
*Phone :* +86-755-88696577  
*Fax :* +86-755-86185206  
*E Mail :* rock.tseng@tw.bureauveritas.com

#### **Laboratory Details**

<i>Lab ID</i>	<i>Identification</i>	<i>Responsible</i>	<i>Accreditation Info</i>
Lab 1	TP001 - IOP Environment	Rock Tseng	A2LA Accreditation No.: 3939.01
Lab 2	TP036 - RF - Agilent N1960A (GS-8800)	Rock Tseng	A2LA Accreditation No.: 3939.01

### 1.4 Signature of the Testing Responsible



Nilson She  
responsible for tests performed in: Lab 1, Lab 2



## 2 Test Object Data

### 2.1 General OUT Description

The following section lists all OUTs (Object's Under Test) involved during testing.

#### OUT: U201

<i>Type / Model / Family:</i>	Brand: Particle Model: U201 HW: V005 SW: V060
<b>Manufacturer:</b>	
<i>Company Name:</i>	Particle Industries, Inc
<i>Street:</i>	126 Post St, 4th floor, San Francisco
<i>City:</i>	CA 94108
<i>Country:</i>	USA
<i>Contact Person:</i>	Yuan Eric
<i>Phone:</i>	18682301202
<i>E-Mail:</i>	eric@particle.io

### 2.2 Detailed Description of OUT Samples

#### Sample : EUT 01

<i>OUT Identifier</i>	U201		
<i>Sample Description</i>			
<i>HW Status</i>	V005		
<i>SW Status</i>	V060		
<i>Low Voltage</i>	3.6 V	<i>Low Temp.</i>	-10 °C
<i>High Voltage</i>	4.4 V	<i>High Temp.</i>	55 °C
<i>Nominal Voltage</i>	3.7 V	<i>Normal Temp.</i>	25 °C

### 2.3 Setups used for Testing

For each setup a relation is given to determine if and which samples and auxiliary equipment is used. The left side list all OUT samples and the right side lists all auxiliary equipment for the given setup.

<i>Setup No.</i>	<i>List of OUT samples</i>		<i>List of auxiliary equipment</i>	
	<i>Sample No.</i>	<i>Sample Description</i>	<i>AE No.</i>	<i>AE Description</i>

**01.01.01 (HW: V005  
SW: V060)**

*Sample:* EUT 01

### 3 Results

#### 3.1 General

**Documentation of tested devices:**

Available at the test laboratory.

**Interpretation of the test results:**

The results of the inspection are described on the following pages, where 'Conformity' or 'Passed' means that the certification criteria were verified and that the tested device is conform to the applied standard.

In cases where 'Declaration' is printed, the required documents are available in the manufacturers product documentation.

In cases where 'not applicable' is printed, the test case requirements are not relevant to the specific equipment implementation.

**Note:**

1.Uncertainty for each test case and measurement were calculated implemented according to test equipment uncertainty document.

2.Test condition not required due to no practical connection made to the power supply, and then normal condition performed with standard battery. The standard battery would be measured prior to testing, and make sure the battery voltage was at full charge condition.

#### 3.2 List of the Applicable Body

(Body for Scope: GERAN\_v1)

<i>Designation</i>	<i>Description</i>
RED - EN 301 511 V9.0.2	Official R&TTE version based on the latest OJ publication and EN 301 511.

(Body for Scope: UTRA\_v2)

<i>Designation</i>	<i>Description</i>
RED - EN 301 908-2 (v11.1.2)	Official RED version based on the latest ETSI

#### 3.3 List of Test Specification

**Test Specification: 3GPP TS 34.121-1**  
*Date / Version* 2018/01/03 Version: V15.0.0  
*Title:* 3rd Generation Partnership Project;  
 Technical Specification Group Radio Access Network;  
 User Equipment (UE) conformance specification;  
 Radio transmission and reception (FDD);  
 Part 1: Conformance specification  
 (Release 15)  
*Description:* Part 1: Conformance specification

**Test Specification: 51.010-1**  
*Date / Version* 2017/09/25 Version: v13.5.0  
*Title:* 3GPP TS 51.010-1  
*Description:* Part 1: Conformance specification

## 4 Test Equipment Details

### 4.1 List of Used Test Equipment

The calibration, hardware and software states are shown for the testing period.

#### Test Equipment Agilent N1960A (GS-8800)

<b>Lab ID:</b>	<b>Lab 2</b>
<i>Manufacturer:</i>	Agilent Technologies
<i>Description:</i>	N1960A (RF Conformance Test System GS-8800)
<i>Type:</i>	GS-8800

#### Single Devices for Agilent N1960A (GS-8800)

<i>Single Device Name</i>	<i>Type</i>	<i>Serial Number</i>	<i>Manufacturer</i>	
BASEBAND PROCESSOR-DUAL TX ANTENNA	BASEBAND PROCESSOR-DUAL TX ANTE	0140	Anite	
Climatic Chamber	ITH-120-45-CP-AR	IAA1207-006	Giant	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/06/28	2018/06/28
Control PC	Control PC	TBNB110348	Agilent Technologies	
EPM Series Power Meter	N1914A	MY52180044	Agilent Technologies	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2016/08/12	2018/08/12
	<i>HW/SW Status</i>		<i>Date of Start</i>	<i>Date of End</i>
	FW:A2.01.05		2012/04/24	
ESG VECTOR SIGNAL GENERATOR	E4438C 250KHz-3GHz	MY49072580	Agilent Technologies	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2016/07/12	2018/07/12
	<i>HW/SW Status</i>		<i>Date of Start</i>	<i>Date of End</i>
	FW:C.05.83		2012/04/24	
FADER ADAPTOR UNIT	FADER ADAPTOR UNIT	0024	Anite	
GS8800 Plus 2 Test Set	N8990A P06	MY45500169	Agilent Technologies	
GSM Module	N1960-80104	MY46410114	Agilent Technologies	
Mobile Communications DC Source	66319D	MY43007492	Agilent Technologies	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/10/13	2018/10/13
	<i>HW/SW Status</i>		<i>Date of Start</i>	<i>Date of End</i>
	FW:A03.01		2012/04/24	
MXA Signal Analyzer	N9020A	MY52090163	Agilent Technologies	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/10/13	2018/10/13
	<i>HW/SW Status</i>		<i>Date of Start</i>	<i>Date of End</i>
	FW:A08.03		2012/04/24	
PSG Analog Signal Generator	E8257D 250KHz-20GHz	MY51111397	Agilent Technologies	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2016/07/12	2018/07/12



**Single Devices for Agilent N1960A (GS-8800) (continued)**

<i>Single Device Name</i>	<i>Type</i>	<i>Serial Number</i>	<i>Manufacturer</i>	
	<i>HW/SW Status</i>		<i>Date of Start</i>	<i>Date of End</i>
	FW: C.06.10		2011/03/01	
RF Interface	N1960-80103	MY45490235	Agilent Technologies	
SHEAR ACCELEROMETER	PCB/J353B34	153748	Giant	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/10/09	2018/10/09
Universal Switch Control Unit	N9370A	MY46130241	Agilent Technologies	
	<i>HW/SW Status</i>		<i>Date of Start</i>	<i>Date of End</i>
	FW: A03.03		2012/04/24	
VIBRATION CONTROLLER	ECON/VT-9002	193220704	Giant	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/10/14	2018/10/14
WIRELESS CHANNEL EMULATOR	SR5500	WCE350F5	Spirent Communications	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/10/13	2018/10/13
	<i>HW/SW Status</i>		<i>Date of Start</i>	<i>Date of End</i>
	FW:03.50.03		2012/04/24	
WIRELESS COMMUNICATIONS TEST SET	"8960 SERIES 10 E5515C"	MY50267377	Agilent Technologies	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2016/11/14	2018/11/14
	<i>HW/SW Status</i>		<i>Date of Start</i>	<i>Date of End</i>
	FW: H.01.12		2012/04/24	

### Test Equipment RSE Test System

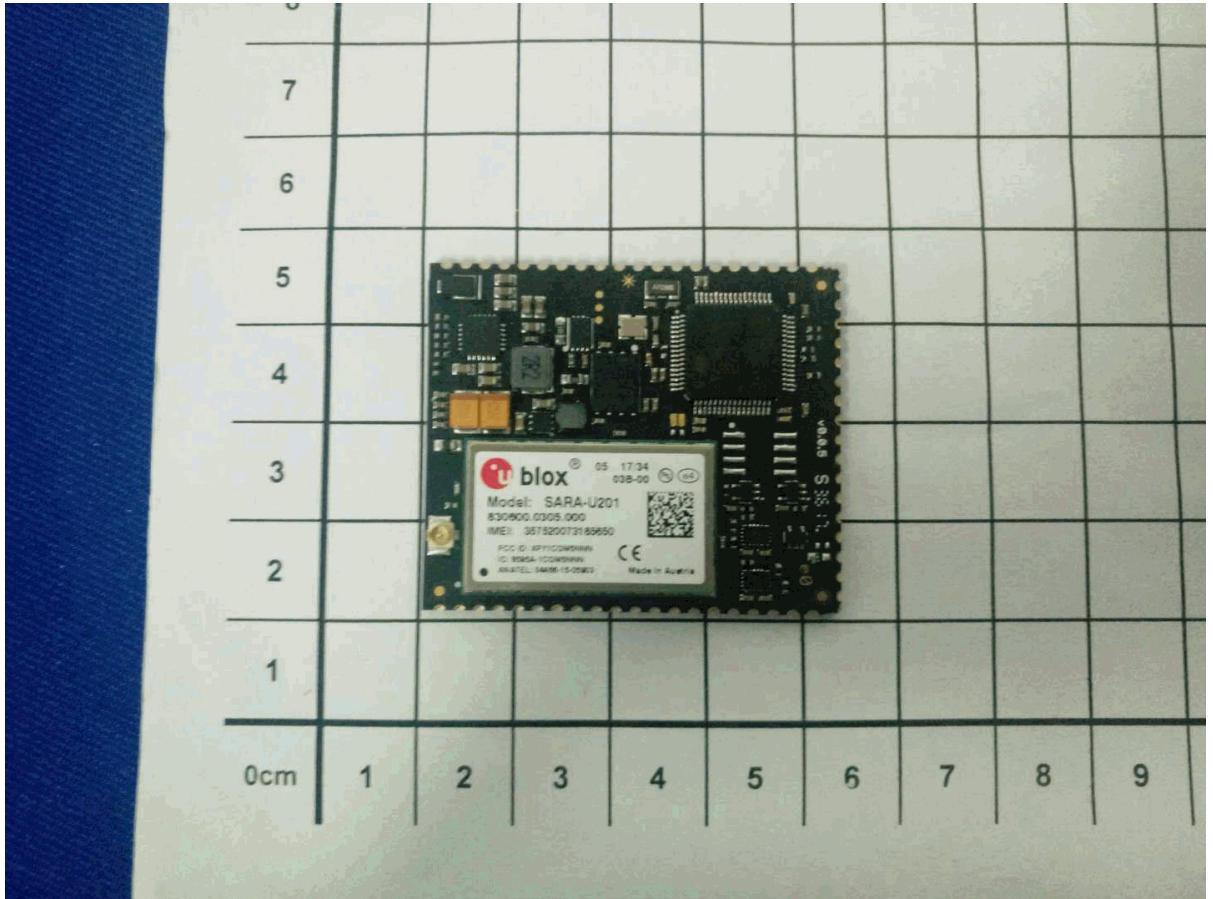
**Lab ID:** Lab 1  
**Description:** RSE Test System

#### Single Devices for RSE Test System

<i>Single Device Name</i>	<i>Type</i>	<i>Serial Number</i>	<i>Manufacturer</i>	
3m Fully-anechoic Chamber	10m*10m*5m	Euroshieldpn-CT0001143-1217	ETS-LINDGREN	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/04/15	2018/04/14
EXA Signal Analyzer	N9010A-544	MY54510335	KEYSIGHT	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/03/01	2018/02/28
Horn Antenna	3117	00168692	ETS-LINDGREN	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2016/11/26	2018/11/25
Radio Communication Analyzer	MT8820C	6201465426	Anritsu	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/03/01	2018/02/28
RS Antenna_LF	R&S® HL046E	HL064E	Rohde&Schwarz	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/06/26	2018/06/25
Signal Pre-Amplifier	EMC 012645B	980257	EMSI	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/07/24	2018/07/23
Signal Pre-Amplifier	EMC 9135	980249	EMSI	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2017/07/24	2018/07/23

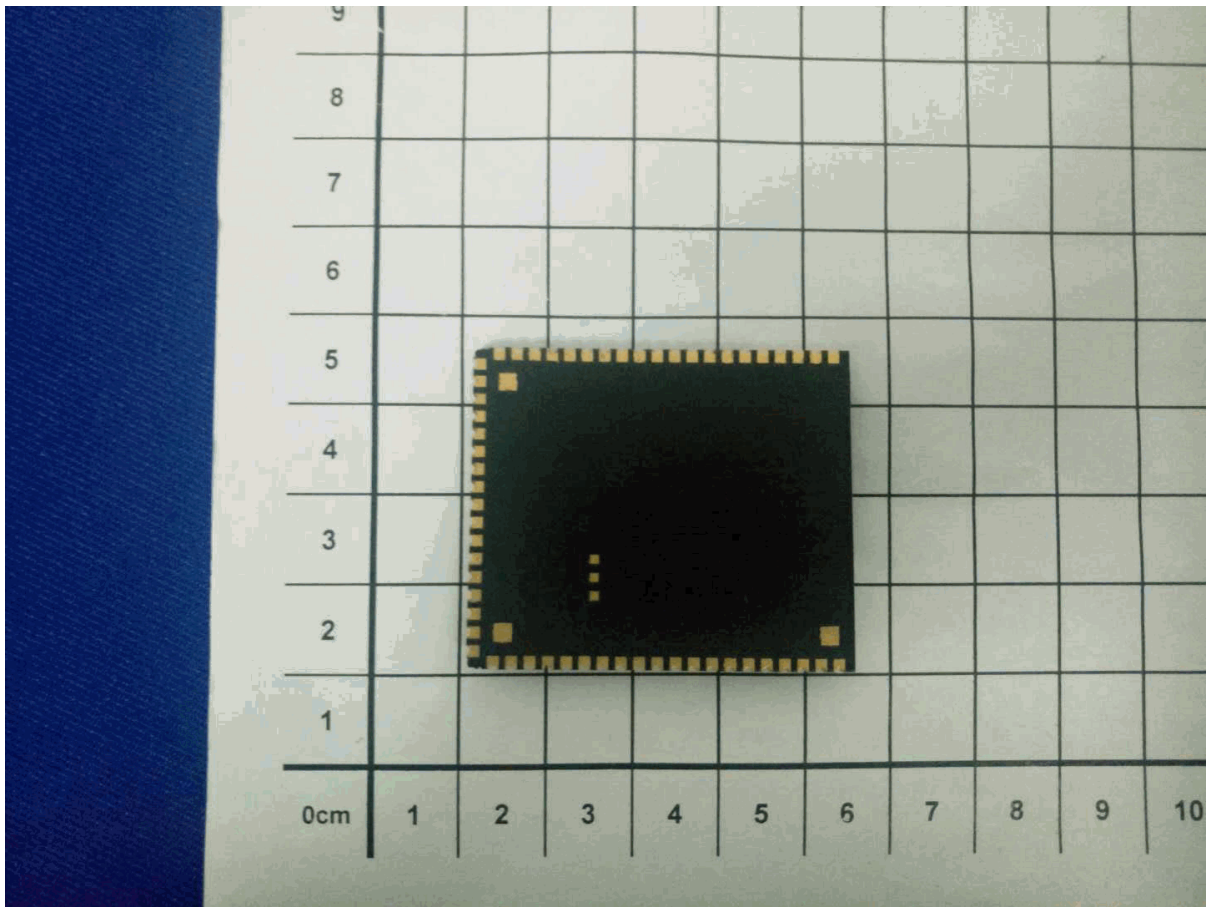
## 5 Annex

### 5.1 Additional Information for Sample Description



Photographs for the EUT  
1. Front View of the EUT





Photographs for the EUT  
2.Rear View of the EUT

## 5.2 Additional Information for Report

TS 51.010-1 Requirement		ETSI EN 301 511 (v9.0.2)							
		GSM 900				DCS 1800			
		Cat	EUT	Verdict	TP	Cat	EUT	Verdict	TP
12.1.1	Conducted spurious emissions - MS allocated a channel	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Normal Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Normal Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
12.1.2	Conducted spurious emissions - MS in idle mode	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Normal Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Normal Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
12.2.1	Radiated spurious emissions, MS allocated a channel	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	---	02.01.01	pass	01_BV SZ	---	02.01.01	pass	01_BV SZ
12.2.2	Radiated spurious emissions, MS in idle mode	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	---	02.01.01	pass	01_BV SZ	---	02.01.01	pass	01_BV SZ
13.1	Transmitter - Frequency error and phase error	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Vibration - X Axis	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Vibration - Y Axis	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
Vibration - Z Axis	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ	
13.2	Transmitter - Frequency error under multipath and interference conditions	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
13.3.4.1	Transmitter output power and burst timing - MS with permanent	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
13.4	Transmitter - Output RF spectrum	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
13.16.1	Frequency error and phase error in GPRS multistot configuration	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ

TS 51.010-1 Requirement		ETSI EN 301 511 (V9.0.2)							
		GSM 900				DCS 1800			
		Cat	EUT	Verdict	TP	Cat	EUT	Verdict	TP
	Low Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Vibration - X Axis	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Vibration - Y Axis	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Vibration - Z Axis	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
13.16.2-1	Transmitter output power in GPRS multislot configuration-MS with permanent or temporary antenna connector	—	—	—	—	—	—	—	—
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
13.16.3	Output RF spectrum in GPRS multislot configuration	—	—	—	—	—	—	—	—
	Normal Temperature / Normal Voltage	A				A	01.01.01	pass	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
13.17.1	Frequency error and Modulation accuracy	—	—	—	—	—	—	—	—
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
13.17.2	Frequency error under multipath and interference conditions	—	—	—	—	—	—	—	—
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
13.17.3-1	EGPRS Transmitter output power-MS with permanent or temporary antenna connector	—	—	—	—	—	—	—	—
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
13.17.4	Output RF spectrum	—	—	—	—	—	—	—	—
	Normal Temperature / Normal Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ
14.18.5	Blocking and spurious response	A	01.01.01	pass	36_BV SZ	A	01.01.01	pass	36_BV SZ

TS 34.121-1 Requirement		ETSI EN 301 908-2 (V11.1.2)							
		UTRA/FDD I				UTRA/FDD VIII			
Test Case	Test Description	Cat	EUT	Verdict	TP	Cat	EUT	Verdict	TP
5.2	Maximum Output Power	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
5.2B	Maximum Output Power with HS-DPCCH and E-DCH	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
5.4.3	Output Power Dynamics in the Uplink / Power control is used to limit the interference level / Minimum Output Power	---	---	--	---	---	---	--	---
	Normal Temperature / Normal Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
5.4.4	Output Power Dynamics in the Uplink / Power control is used to limit the interference level / Out-of-synchronisation handling of Spectrum emission mask	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
5.9	Spectrum Emission Mask with HS-DPCCH	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
5.9A	Spectrum Emission Mask with HS-DPCCH	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
5.9B	Spectrum Emission Mask with E-DCH	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
5.10	Transmitter Characteristics / Adjacent Channel Leakage Power Ratio (ACLR)	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
5.10A	Adjacent Channel Leakage Power Ratio (ACLR) with HS-DPCCH	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ

TS 34.121-1 Requirement		ETSI EN 301 908-2 (V11.1.2)							
		UTRA/FDD I				UTRA/FDD VIII			
Test Case	Test Description	Cat	EUT	Verdict	TP	Cat	EUT	Verdict	TP
	Low Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
5.10B	Adjacent Channel Leakage Power Ratio (ACLR) with E-DCH	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
5.11	Transmitter Characteristics / Spurious Emissions	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
6.2	Reference Sensitivity Level	---	---	---	---	---	---	---	---
	Normal Temperature / Normal Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	High Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / High Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
	Low Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
6.4A	Receiver Characteristics Adjacent Channel Selectivity (ACS) (Rel-5 and later releases)	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
6.5	Receiver Characteristics / Blocking Characteristics	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
6.6	Receiver Characteristics / Spurious Response	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
6.7	Receiver Characteristics / Intermodulation Characteristics	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
6.8	Receiver Characteristics / Spurious Emissions	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ



**BUREAU**  
**VERITAS**

Reference: Project NO: 180124C03  
Report NO: GC180124C03

Sample No.	Hardware(Build)	Software(Base)	IMEI (SV)
01.01.01	V005	V060	357520073183400
02.01.01	V005	V060	357529973144962

## 6 Index

1	Administrative Data	2
	.....	
1.1	Project Data	2
	.....	
1.2	Applicant Data	2
	.....	
1.3	Test Laboratory Data	2
	.....	
1.4	Signature of the Testing Responsible	2
	.....	
2	Test Object Data	3
	.....	
2.1	General OUT Description	3
	.....	
2.2	Detailed Description of OUT Samples	3
	.....	
2.3	Setups used for Testing	3
	.....	
3	Results	4
	.....	
3.1	General	4
	.....	
3.2	List of the Applicable Body	4
	.....	
3.3	List of Test Specification	4
	.....	
4	Test Equipment Details	5
	.....	
4.1	List of Used Test Equipment	5
	.....	
5	Annex	8
	.....	
5.1	Additional Information for Sample Description	8
	.....	
5.2	Additional Information for Report	10
	.....	
6	Index	15
	.....	