



**BUREAU
VERITAS**

EN 301 511/ 301 908-2 Report on
Brand: Particle Industries, Inc
Model: BRN310, BRN314
HW: V1.00
SW: V0.8.0

Report Reference: Project NO: P20120008
Report NO: GCP20120008

Date: Dec. 25, 2020

Test Laboratory:

BV 7Layers Communications Technology (Shenzhen) Co. Ltd

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



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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
GC180921W002	Original release	Nov. 29, 2018
GCP20120008	Based on the original report GC180921W002 change the product name and models, which not affect RF function. So all the test data re-use from GC180921W002.	Dec. 25, 2020



1 Administrative Data

1.1 Project Data

Project Responsible: Rock Tseng
Date Of Test Report: 2020/12/25
Date of first test: 2018/10/22
Date of last test: 2018/11/22

1.2 Applicant Data

Company Name: Particle Industries, Inc
Company Addr: 126 Post St, 4th floor, San Francisco, CA 94108 USA

Contact Person: Frank Yang
Phone: 13590495425
E-Mail: frank@particle.io

1.3 Test Laboratory Data

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

Bureau Veritas ADT, SZ

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

(Rock Tseng / Engineer)

(Luke Lu / Manager)

2 Test Object Data

2.1 General OUT Description

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

OUT: BRN310, BRN314

Type / Model / Family:	Brand: Particle Industries, Inc Model: BRN310, BRN314 HW: V1.00 SW: V0.8.0
Product Category:	Boron 2G/3G
Manufacturer:	
Company Name:	Particle Industries, Inc
Company Addr:	126 Post St , 4th floor, San Francisco, CA 94108 USA
Contact Person:	Frank Yang
Phone:	13590495425
E-Mail:	frank@particle.io

2.2 Detailed Description of OUT Samples

Sample : EUT 01

OUT Identifier	BRN310, BRN314		
Sample Description			
Low Voltage	4.5 V	Low Temp.	-20 °C
High Voltage	5.5 V	High Temp.	80 °C
Nominal Voltage	5 V	Normal Temp.	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.

Setup No.	List of OUT samples	List of auxiliary equipment
Sample No.	Sample Description	AE No. AE Description

DUT Sample No.	Hardware Version	Software Version	IMEI
01.01.01	V1.00	V0.8.0	357520078114515
02.01.01	V1.00	V0.8.0	357520078112279

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 V12.5.1	Official RED version based on the latest ETSI

(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 2018/09/25 Version: V15.2.0
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 2018/06/21 Version: v13.7.0
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)

Lab ID:	Lab 2
Manufacturer:	Agilent Technologies
Description:	N1960A (RF Conformance Test System GS-8800)
Type:	GS-8800

Single Devices for Agilent N1960A (GS-8800)

Single Device Name	Type	Serial Number	Manufacturer
BASEBAND PROCESSOR-DUAL TX ANTENNA	BASEBAND PROCESSOR-DUAL TX ANTE	0140	Anite
Climatic Chamber	ITH-120-45-CP-AR	IAA1207-006	Giant
	Calibration Details		Last Execution Next Exec.
			2018/07/09 2019/07/08
Control PC	Control PC	TBNB110348	Agilent Technologies
EPM Series Power Meter	N1914A	MY52180044	Agilent Technologies
	Calibration Details		Last Execution Next Exec.
	Calibration		2016/08/12 2019/07/08
	Calibration		2018/10/10 2020/10/10
	HW/SW Status		Date of Start Date of End
	FW:A2.01.05		2012/04/24
ESG VECTOR SIGNAL GENERATOR	E4438C 250KHz-3GHz	MY49072580	Agilent Technologies
	HW/SW Status		Date of Start Date of End
	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
	Calibration Details		Last Execution Next Exec.
	Calibration		2018/10/11 2019/10/11
	HW/SW Status		Date of Start Date of End
	FW:A03.01		2012/04/24
MXA Signal Analyzer	N9020A	MY52090163	Agilent Technologies
	Calibration Details		Last Execution Next Exec.
	Calibration		2018/03/16 2019/03/15
	HW/SW Status		Date of Start Date of End
	FW:A08.03		2012/04/24
PSG Analog Signal Generator	E8257D 250KHz-20GHz	MY51111397	Agilent Technologies
	HW/SW Status		Date of Start Date of End
	FW: C.06.10		2011/03/01



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

<i>Single Device Name</i>	<i>Type</i>	<i>Serial Number</i>	<i>Manufacturer</i>	
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
	Calibration		2018/09/13	2019/09/12
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
	Calibration		2018/09/17	2019/09/16
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
	Calibration		2018/09/10	2019/09/09
	<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
	Calibration		2018/10/11	2020/10/11
	<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

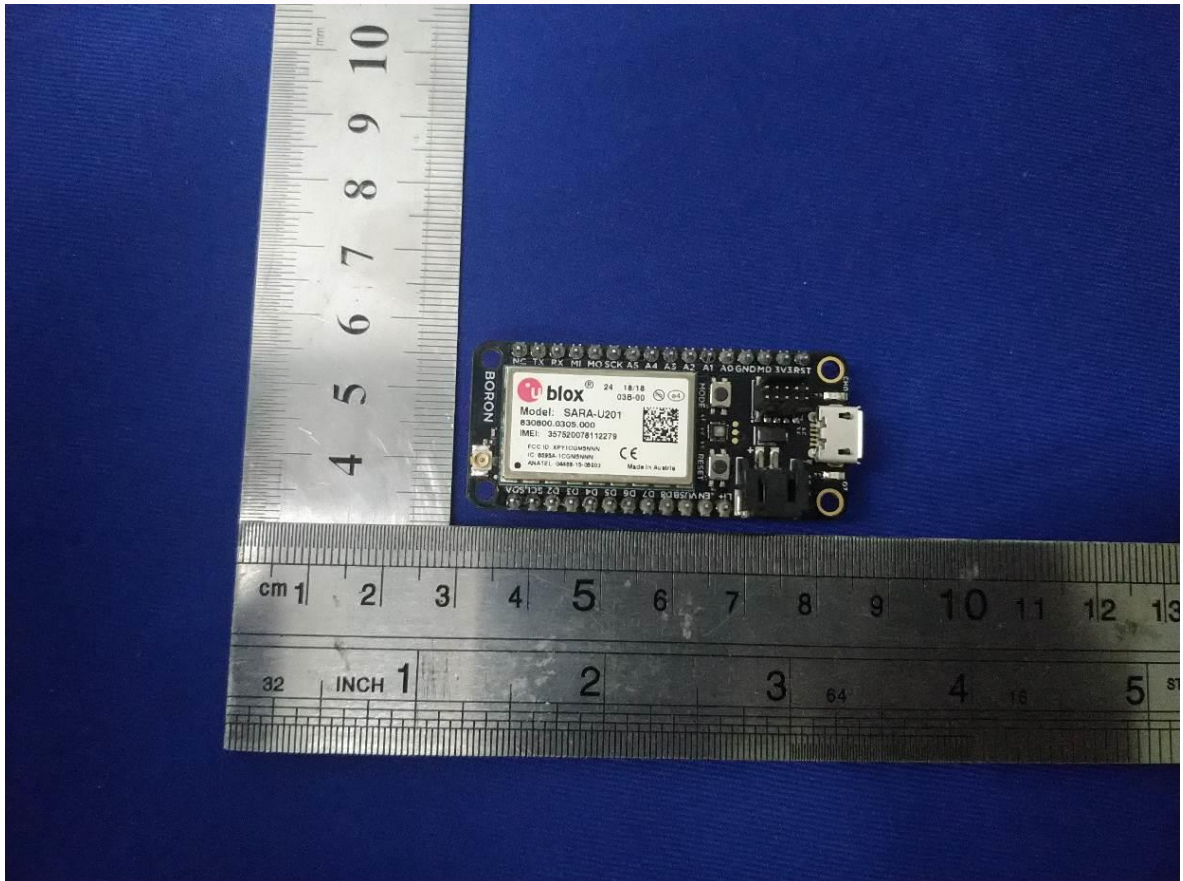
Single Devices for RSE Test System

<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		2018/03/16	2019/03/16
EXA Signal Analyzer	N9010A-544	MY54510335	KEYSIGHT	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2018/03/16	2019/03/16
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		2018/03/02	2019/03/02
RS Antenna_LF	R&S® HL046E	HL064E	Rohde&Schwarz	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2018/10/12	2019/10/12
Signal Pre-Amplifier	EMC 012645B	980257	EMSI	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2018/07/09	2019/07/09
Signal Pre-Amplifier	EMC 9135	980249	EMSI	
	<i>Calibration Details</i>		<i>Last Execution</i>	<i>Next Exec.</i>
	Calibration		2018/07/09	2019/07/09

5 Annex

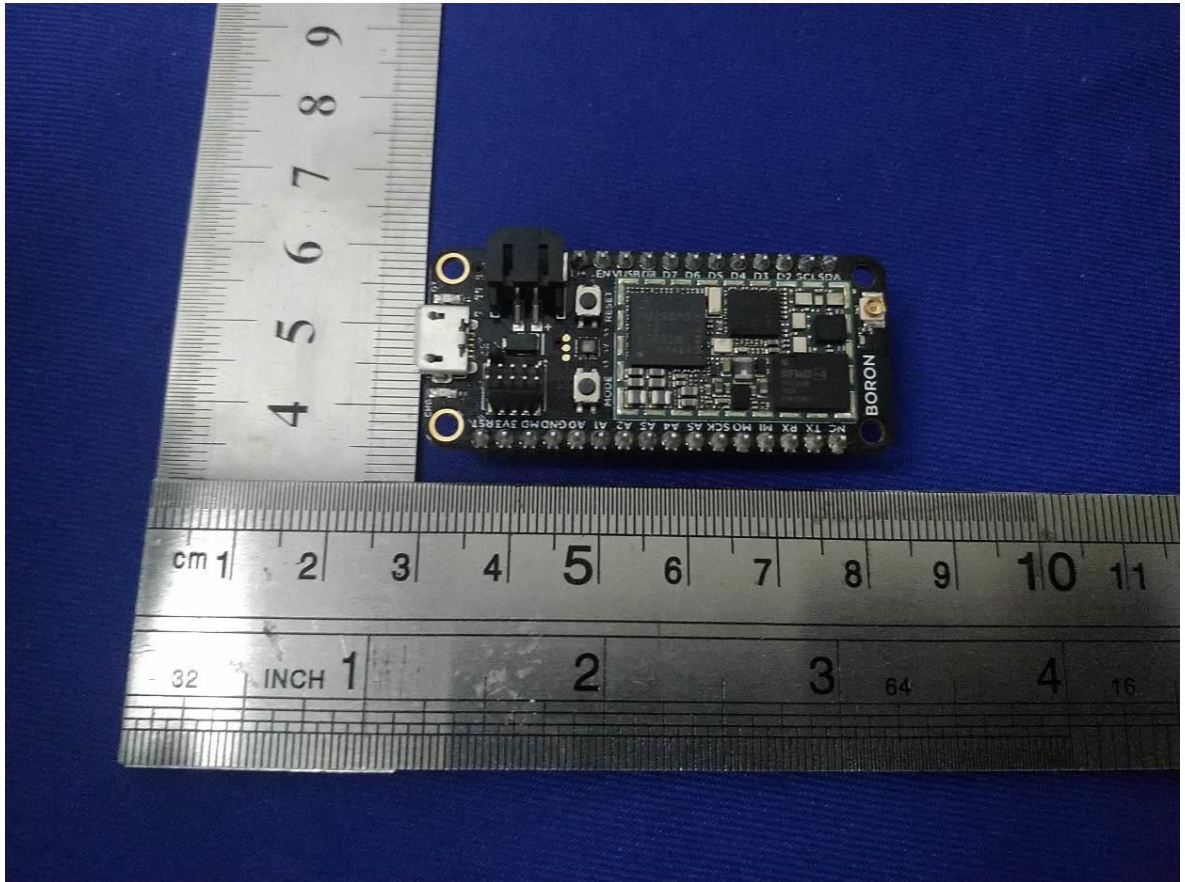
5.1 Additional Information for Sample Description

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

R&S TS8950G

TP5-R&S TS8950G-GSM/EDGE RF Test System					
Hardware					
No.	Name	Type	SN	Manufacturer	Cal. Due Date
1	Power Supply	NGMO	100472	Rohde&Schwarz	2019-8-7
2	Signal Generator	SMF-100A	101588	Rohde&Schwarz	2019-5-3
3	Vector Signal Generator	SMU200A	104141	Rohde&Schwarz	2019-5-3
4	Vector Signal Generator	SMU200A	104142	Rohde&Schwarz	2019-5-3
5	Universal Protocol Tester	CRTU-RU	100425	Rohde&Schwarz	2019-5-3
6	Spectrum Analyzer	FSU	201075	Rohde&Schwarz	2019-5-3
7	Advanced Signal Conditioning Unit	ASCU190	100094	Rohde&Schwarz	n/a
8	Advanced Signal Conditioning Unit	ASCU180	100092	Rohde&Schwarz	n/a
9	Advanced Signal Conditioning Unit	ASCU900	100093	Rohde&Schwarz	n/a
10	Advanced Signal Conditioning Unit	ASCU850	100087	Rohde&Schwarz	n/a
11	Switching And Signal Conditioning Unit	SSCU-GW	100123	Rohde&Schwarz	n/a
12	Rubidium Frequency Standard	8040	100134	Rohde&Schwarz	2019-8-7
13	EZ Switching	SMC-EZ1024DT	105211	Rohde&Schwarz	n/a
14	Vector Signal Generator	SMU200A	104140	Rohde&Schwarz	2019-5-3
15	Arerege Power Sensor	NRP-Z21	102546	Rohde&Schwarz	2019-5-3
16	Arerege Power Sensor	NRP-Z21	102545	Rohde&Schwarz	2019-5-3
Software					
PASS-COMMON V10.60					
RS-PASS-APPLICATION V5.01,V5.02,V5.03,V5.04,V5.05,,V5.12,V5.14,V5.15,V5.16,V5.17,V5.20,V5.21,V5.22,V5.23,V5.24,V5.25, V5.26,V5.30					

5.3 Additional Information for Test Result

TS 51.010-1 Requirement		ETSI EN 301 511 (V12.5.1)							
		GSM 900				DCS 1800			
Test Case	Test Description	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
13.16.1	Frequency error and phase error in GPRS multislot 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
	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	01.01.01	PASS	5_tejet	A	01.01.01	PASS	5_tejet
	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

TS 51.010-1 Requirement		ETSI EN 301 511 (V12.5.1)							
		GSM 900				DCS 1800			
Test Case	Test Description	Cat	EUT	Verdict	TP	Cat	EUT	Verdict	TP
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	05_Tejet SH	A	01.01.01	PASS	05_Tejet SH
	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
14.2.3	Reference Sensitivity - FACCH/F	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
14.5.2	Adjacent channel rejection - control channels	---	---	---	---	---	---	---	---
	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

TS 51.010-1 Requirement		ETSI EN 301 511 (V12.5.1)							
		GSM 900				DCS 1800			
Test Case	Test Description	Cat	EUT	Verdict	TP	Cat	EUT	Verdict	TP
14.6.2	Intermodulation rejection - control channels	---	---	---	---	---	---	---	---
	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
	Low Temperature / Low Voltage	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
14.8.2	AM suppression - control channels	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
14.16.1	Minimum Input level for Reference Performance	---	---	---	---	---	---	---	---
	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
14.18.1	Minimum Input Level for Reference Performance	---	---	---	---	---	---	---	---
	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
14.18.3	Adjacent channel Rejection	---	---	---	---	---	---	---	---
	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
14.18.4	Intermodulation Rejection	---	---	---	---	---	---	---	---
	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 output power	A	01.01.01	PASS	36_BV SZ	A	01.01.01	PASS	36_BV SZ
5.9	Spectrum emission mask	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

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
5.10A	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
	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
6.4	Receiver Characteristics / Adjacent Channel Selectivity (ACS) (Rel-99 and Rel-4)	A	---	---	---	A	---	---	---
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

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