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InterLab®

Final Report on

SIM800H
SW:SIM800 R13.08(SVN:78)
HW:V1.02

Report Reference: 4-RC100a-2014

Date: August 14, 2014

Test Laboratory:

Beijing 7 layers Huarui Communications Technology Co., Ltd.
No.11 Yue Tan Nan Street, Xi Cheng District
Beijing 100045
China P.R.

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1   Administrative Data

1.1   Project Data

Project Responsible:	Mr. Mao Huan
Date Of Test Report:	2014/08/11
Date of first test:	2014/08/05
Date of last test:	2014/08/08

1.2   Applicant Data

Company Name: Shanghai SIMCom Wireless Solutions Co.,Ltd.

Street: Building A,SIM Technology Building,No.633,Jinzhong Road,Changning District,Shanghai R.R.China
City: 200000 Shang Hai
Country: China

Contact Person: Mr. Liweixing

Phone: +86-021-32523300
Fax: +86-021-32523020

1.3   Test Laboratory Data

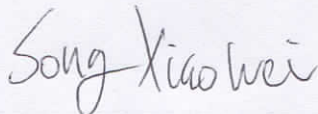The following list shows all places and laboratories involved for test result generation:

ritt 7 layers

Company Name :	ritt 7 layers
Street :	No.11 Yue Tan Nan Street,Xi Cheng District
City :	100045 Beijing
Country :	China
Contact Person :	Ph.D Bin Yao
Phone :	+86 10 68050369-103
Fax :	+86 10 68050370
E Mail :	bin.yao@7layers.com

Laboratory Details

Lab ID	Identification	Responsible	Accreditation Info
Lab 1	TP009 - R&S CRTU-G (GCF/PTCRB)	Mr. Sunpeibo	Dakks-NO.D-PL-17282-01-00

1.4   Signature of the Testing Responsible

Song Xiaowei (signature)

Mr. Song Xiaowei
responsible for tests performed in: Lab 1

1.5 Signature of the Accreditation Responsible

Li Yunzhuo

Accreditation scope responsible person: Mrs. Li Yunzhuo
responsible for Lab 1

2 Test Object Data

2.1 General OUT Description

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

OUT: SIM800H

Type / Model / Family:	SIM800H SW:SIM800 R13.08(SVN:78) HW:V1.02
Product Category:	Others

Manufacturer:

Company Name:	Shenyang Simcom Technology Ltd.
Street:	No.37, Shenbei Rd, Shenbei New Aear, Shenyang,P.R.China
PO Box:	110000
City:	Shen Yang
Country:	China
Contact Person:	Mr. Panqin
Phone:	+86-024-88922222
Fax:	+86-024-88922225

Parameter List:

Parameter name	Value	
AddInfo_Internal_CTM_modem_support	True	(n/a)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_10dB (GSM 1800)	6	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_10dB (GSM 1900)	6	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_10dB (GSM 850)	6	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_10dB (GSM 900)	6	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_11dB (GSM 1800)	5	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_11dB (GSM 1900)	5	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_11dB (GSM 850)	5	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_11dB (GSM 900)	5	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_12dB (GSM 1800)	4	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_12dB (GSM 1900)	4	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_12dB (GSM 850)	4	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_12dB (GSM 900)	4	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_14dB (GSM 1800)	3	(dB)

AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_14dB (GSM 1900)	3	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_14dB (GSM 850)	3	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_14dB (GSM 900)	3	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_17dB (GSM 1800)	2	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_17dB (GSM 1900)	2	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_17dB (GSM 850)	2	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_17dB (GSM 900)	2	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_19dB (GSM 1800)	1	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_19dB (GSM 1900)	1	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_19dB (GSM 850)	1	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_19dB (GSM 900)	1	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_20dB (GSM 1800)	0	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_20dB (GSM 1900)	0	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_20dB (GSM 850)	0	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_20dB (GSM 900)	0	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_2dB (GSM 1800)	11	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_2dB (GSM 1900)	11	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_2dB (GSM 850)	11	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_2dB (GSM 900)	11	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_3dB (GSM 1800)	10	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_3dB (GSM 1900)	10	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_3dB (GSM 850)	10	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_3dB (GSM 900)	10	(dB)

AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_4dB (GSM 1800)	9	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_4dB (GSM 1900)	9	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_4dB (GSM 850)	9	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_4dB (GSM 900)	9	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_6dB (GSM 1800)	8	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_6dB (GSM 1900)	8	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_6dB (GSM 850)	8	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_6dB (GSM 900)	8	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_8dB (GSM 1800)	7	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_8dB (GSM 1900)	7	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_8dB (GSM 850)	7	(dB)
AMR C/I normalization factors (AFS, DARP): CI_NORM_AFS_DARP_8dB (GSM 900)	7	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_10dB (GSM 1800)	6	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_10dB (GSM 1900)	6	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_10dB (GSM 850)	6	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_10dB (GSM 900)	6	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_12dB (GSM 1800)	5	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_12dB (GSM 1900)	5	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_12dB (GSM 850)	5	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_12dB (GSM 900)	5	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_13dB (GSM 1800)	4	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_13dB (GSM 1900)	4	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_13dB (GSM 850)	4	(dB)

AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_13dB (GSM 900)	4	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_16dB (GSM 1800)	3	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_16dB (GSM 1900)	3	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_16dB (GSM 850)	3	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_16dB (GSM 900)	3	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_17dB (GSM 1800)	2	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_17dB (GSM 1900)	2	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_17dB (GSM 850)	2	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_17dB (GSM 900)	2	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_20dB (GSM 1800)	1	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_20dB (GSM 1900)	1	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_20dB (GSM 850)	1	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_20dB (GSM 900)	1	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_21dB (GSM 1800)	0	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_21dB (GSM 1900)	0	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_21dB (GSM 850)	0	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_21dB (GSM 900)	0	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_4dB (GSM 1800)	9	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_4dB (GSM 1900)	9	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_4dB (GSM 850)	9	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_4dB (GSM 900)	9	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_6dB (GSM 1800)	8	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_6dB (GSM 1900)	8	(dB)

AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_6dB (GSM 850)	8	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_6dB (GSM 900)	8	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_7dB (GSM 1800)	7	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_7dB (GSM 1900)	7	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_7dB (GSM 850)	7	(dB)
AMR C/I normalization factors (AHS, DARP): CI_NORM_AHS_DARP_7dB (GSM 900)	7	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_10dB (GSM 1800)	6	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_10dB (GSM 1900)	6	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_10dB (GSM 850)	6	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_10dB (GSM 900)	6	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_11dB (GSM 1800)	5	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_11dB (GSM 1900)	5	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_11dB (GSM 850)	5	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_11dB (GSM 900)	5	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_12dB (GSM 1800)	4	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_12dB (GSM 1900)	4	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_12dB (GSM 850)	4	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_12dB (GSM 900)	4	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_14dB (GSM 1800)	3	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_14dB (GSM 1900)	3	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_14dB (GSM 850)	3	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_14dB (GSM 900)	3	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_17dB (GSM 1800)	2	(dB)

AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_17dB (GSM 1900)	2	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_17dB (GSM 850)	2	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_17dB (GSM 900)	2	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_19dB (GSM 1800)	1	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_19dB (GSM 1900)	1	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_19dB (GSM 850)	1	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_19dB (GSM 900)	1	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_20dB (GSM 1800)	0	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_20dB (GSM 1900)	0	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_20dB (GSM 850)	0	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_20dB (GSM 900)	0	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_2dB (GSM 1800)	11	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_2dB (GSM 1900)	11	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_2dB (GSM 850)	11	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_2dB (GSM 900)	11	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_3dB (GSM 1800)	10	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_3dB (GSM 1900)	10	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_3dB (GSM 850)	10	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_3dB (GSM 900)	10	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_4dB (GSM 1800)	9	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_4dB (GSM 1900)	9	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_4dB (GSM 850)	9	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_4dB (GSM 900)	9	(dB)

AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_6dB (GSM 1800)	8	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_6dB (GSM 1900)	8	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_6dB (GSM 850)	8	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_6dB (GSM 900)	8	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_8dB (GSM 1800)	7	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_8dB (GSM 1900)	7	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_8dB (GSM 850)	7	(dB)
AMR C/I normalization factors (WFS, DARP): CI_NORM_WFS_DARP_8dB (GSM 900)	7	(dB)
AMR FS C/I normalization factor	0	(dB)
AMR HS C/I normalization factor	0	(dB)
Antenna Connector	True	
Auto ReAttach	false	
DISPLAY TEXT: No Response from user timeout interval	30	(s)
Early_classmark_sending	true	
GET INKEY: No response from user Timeout interval	30	(s)
GET INPUT: No response from user Timeout interval	30	(s)
GPRS Compression	false	
Length Indicator	false	
Loop C delay (RTD), in number of TCH frames for FR	4	
Loop C delay (RTD), in number of TCH frames for HR	4	
Max number of SMS Characters	160	
Maximum number of CP-DATA retransmissions	1	
MMI GPRS detach	false	
Number of MS initiated PDP contexts	1	
Number of Network initiated PDP contexts	1	
O-TCH/F C/I normalisation factor	0	(dB)
parameter_20_2_a	2.0	
parameter_20_2_b	1.5	
Preferred buffer size supported by the terminal for Open Channel command	1500	(bytes)
SELECT ITEM: No response from user Timeout interval	30	(s)
SMS over EGPRS	false	
TCH-WFS C/I normalization factor	0	(dB)
Timer TC1M	20	
TSPC_no_XID_after_PDP_CA	false	

2.2 Detailed Description of OUT Samples

Sample : NN05

OUT Identifier	SIM800H		
Sample Description			
HW Status	V1.02		
SW Status	SIM800 R13.08		
Low Voltage	3.6 V	*Low Temp.*	-10 °C
High Voltage	4.2 V	*High Temp.*	55 °C
Nominal Voltage	3.8 V	*Normal Temp.*	25 °C

Parameter List:

Parameter Description	Value
Parameter for Scope GERAN_v1	
IMEI	862950020689389
IMEISV	
IMSI	001010123456063
IMSI 2	001011012345063
Intermediate Frequency 1	0
Intermediate Frequency 2	0
Intermediate Frequency 3	0
Intermediate Frequency 4	0
Intermediate Frequency 5	0
Ki	5E4AB35891375D2AEE812E67C309A629
Local Oscillator Frequency	0
Number of Intermediate Frequencies	1
Sample location	BeiJing
Sample responsibility	Mr. Mao Huan

2.3 OUT Features

Features for OUT: SIM800H

Designation	Description	Allowed Values	Supported Value(s)
Features for scope: GERAN_v1			
A	Feature "A" is used for "applicability" that is referenced in 51.010-2 for many test cases. You will find the description in Annex B of this specification.		
A.1/1_SAT K	Capability Configuration parameter		
A.1/2	Extended GSM Band (E-GSM), (including standard Band)		
A.1/2_SAT K	Sustained text		
A.1/3_SAT K	UCS2 coding scheme for Entry		
A.1/4	DCS 1800 band		
A.1/4_SAT K	Extended Text String		
A.1/5_SAT K	Help information		
A.1/6	Multiple-band, simultaneously		
A.1/6_SAT K	Icons		
A.1/7	Small Mobile Station		
A.1/10	GSM Power Class 4		
A.1/10_SAT K	Class C: LAUNCH BROWSER		
A.1/12	DCS Power Class 1		
A.1/15_SAT K	UCS2 coding scheme for Display		
A.1/16_SAT K	Mobile supporting GPRS		
A.1/18	PCS 1900 band		
A.1/19	PCS Power Class 1		
A.1/20_SAT K	Mobile decision to respond with "No response from user" in finite time		
A.1/23_SAT K	Mobile supporting Fixed Dialling Numbers		
A.1/24_SAT K	Mobile supporting Barred Dialling Numbers		
A.1/25_SAT K	Mobile supporting "+CIMI" in combination with Run AT Command		
A.1/26_SAT K	UCS2 in Cyrillic		
A.1/27_SAT K	Mobile supporting "9EXX" response code for SIM data download error		
A.1/28_SAT K	Mobile supporting Envelope Call Control always sent to the SIM during automatic redial mode		
A.1/29_SAT K	Mobile supporting 2nd alpha identifier in SET UP CALL		
A.1/38_SAT K	ME supports Call Hold Supplementary Service		
A.1/42_SAT K	Terminal supports at least one supplementary service.		
A.1/43_SAT K	Terminal supports "Call Forwarding Unconditional"		
A.1/44_SAT K	Terminal supports "Calling Line Identification Restriction"		

Features for OUT: SIM800H

Designation	Description	Allowed Values	Supported Value(s)
A.1/47_SAT K	Terminal supports audio alerting		
A.1/48_SAT K	Terminal supports speech call		
A.1/49_SAT K	Terminal supports multiple languages		
A.1/50_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Display Text command		
A.1/51	GPRS Multislot operation		
A.1/51_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Display Text command		
A.1/52_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Display Text command		
A.1/53_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Get Inkey command		
A.1/54_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Get Inkey command		
A.1/55	GSM 850 band		
A.1/55_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Get Inkey command		
A.1/56_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Get Input command		
A.1/57	Support of GPRS Multislot class on the uplink		
A.1/57_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Get Input command		
A.1/58_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Get Input command		
A.1/59_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Play Tone command		
A.1/60_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Play Tone command		
A.1/61_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Play Tone command		
A.1/62_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Set Up Menu command		
A.1/63_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Set Up Menu command		
A.1/64_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Set Up Menu command		
A.1/65_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Select Item command		
A.1/66_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Select Item command		
A.1/67_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Select Item command		
A.1/68_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Send Short Message command		
A.1/69_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Send Short Message command		
A.1/70_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Send Short Message command		
A.1/71_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Send SS command		
A.1/72_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Send SS command		
A.1/73_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Send SS command		
A.1/74_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Send USSD command		
A.1/75_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Send USSD command		

Features for OUT: SIM800H

Designation	Description	Allowed Values	Supported Value(s)
A.1/76_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Send USSD command		
A.1/77_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Set Up Call command		
A.1/78	GPRS Multislot Class12		
A.1/78_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Set Up Call command		
A.1/79_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Set Up Call command		
A.1/80_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Set Up Idle Mode Text command		
A.1/81_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Set Up Idle Mode Text command		
A.1/82_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Set Up Idle Mode Text command		
A.1/86_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Send DTMF command		
A.1/87_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Send DTMF command		
A.1/88_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Send DTMF command		
A.1/89_SAT K	Terminal displays icons as defined in record 1 of EF(IMG) for Launch Browser command		
A.1/90_SAT K	Terminal displays icons as defined in record 2 of EF(IMG) for Launch Browser command		
A.1/91_SAT K	Terminal displays icons as defined in record 5 of EF(IMG) for Launch Browser command		
A.1/92_SAT K	Terminal supports selection of default item in Select Item		
A.1/127	GSM 850 Power Class 4		
A.1/130	8-PSK GSM Power Class E2		
A.1/133	8-PSK DCS Power Class E2		
A.1/136	8-PSK PCS Power Class E2		
A.1/139	8-PSK GSM 850 Power Class E2		
A.1/141	GSM850 and GSM1800 Band Interworking		
A.1/142	GSM900 and GSM1900 Band Interworking		
A.1/143	GSM850 and GSM900 Band Interworking		
A.1/189	GMSK_MULTISLOT_POWER_PROFILE 0		
A.1/193	8-PSK_MULTISLOT_POWER_PROFILE 0		
A.1/202	Revision Level MS supporting R99 or later		
A.1b/1	Release of GPRS supported	R97, R98, R99, Release 4, Release 5, Release 6, Release 7, Release 8, Release 9, Release 10, Release 11	Release 4
A.1b/2	Release of AMR supported	R98, R99, Release 4, Release 5, Release 6, Release 7, Release 8, Release 9, Release 10, Release 11	Release 5
A.1b/3	Release of EGPRS supported	R99, Release 4, Release 5, Release 6, Release 7, Release 8, Release 9, Release 10, Release 11	Release 6
A.1b/5	Release of Higher Layer supported.	R97, R98, R99, Release 4, Release 5, Release 6, Release 7, Release 8, Release 9, Release 10, Release 11	R99

Features for OUT: SIM800H

Designation	Description	Allowed Values	Supported Value(s)
A.1b/6	Release of Acoustic implementation supported.	Release 4, Release 5, Release 6, Release 7, Release 8, Release 9, Release 10, Release 11	Release 4
A.2/1	Display of Called Number.		
A.2/2	Indication of Call Progress Signals.		
A.2/3	Country / PLMN Indication.		
A.2/4	Country / PLMN Selection.		
A.2/5	Keypad.		
A.2/6	IMEI.		
A.2/7	Short Message Overflow Indication.		
A.2/8	DTE /DCE Interface.		
A.2/10	International Access Function.		
A.2/11	Service Indicator.		
A.2/12	Autocalling restriction capabilities.		
A.2/13	Dual Tone Multi Frequency function.		
A.2/14	Subscription Identity Management.		
A.2/15	On / Off switch.		
A.2/17	Support of Encryption A5/1.		
A.2/19	Short Message Service Cell Broadcast DRX.		
A.2/20	Abbreviated Dialling.		
A.2/21	Fixed Dialling Number		
A.2/22	Barring of Outgoing Calls.		
A.2/23	DTMF Control Digits Separator.		
A.2/24	Selection of Directory No in Short Messages.		
A.2/25	Last Numbers Dialled.		
A.2/26	At least one autocalling feature.		
A.2/27	Alphanumeric display.		
A.2/28	Other means of display.		
A.2/30	Support of the extended Short message cell broadcast channel		
A.2/31	Support of Additional Call Set-up MMI Procedures		
A.2/33	Ciphering Indicator		
A.2/35	ME-SIM lock		
A.2/36	Service Dialling Numbers		
A.2/40	Autocalling_Cause 27 Implemented in Cat 3		
A.2/41	Support of GPRS		
A.2/43	Support of GPRS Encryption		
A.2/44	Control of Supplementary Services		
A.2/45	Short message		
A.2/46	Emergency calls capabilities		
A.2/48	GPRS operation mode class B		
A.2/50	MS supporting SMS over GPRS		
A.2/54	GPRS test mode A		
A.2/55	GPRS test mode B		
A.2/58	Non-zero value of Non_DRX_Timer		
A.2/67	Support of MT SMS over GPRS		
A.2/70	Support of Extended dynamic allocation		
A.2/72	Support of GERAN FEATURE PACKAGE 1		
A.2/73	Support of Encryption A5/3		
A.2/74	Support of Fine Time Assistance		
A.2/75	Support of Encryption GEA2		
A.2/76	Support of Encryption GEA3		

Features for OUT: SIM800H

Designation	Description	Allowed Values	Supported Value(s)
A.2/77	Use of R99 Emergency numbers		
A.3/1	Telephony.		
A.3/2	Emergency Call.		
A.3/3	Short Message MT/PP.		
A.3/4	Short Message MO/PP.		
A.3/5	SMS Cell Broadcast.		
A.3/10	SMS description		
A.4/22	GPRS		
A.5/1	Calling Line Identification Presentation.		
A.5/2	Calling Line Identification Restriction.		
A.5/3	Connected Line Identification Presentation.		
A.5/4	Connected Line Identification Restriction.		
A.5/5	Call Forwarding Unconditional.		
A.5/6	Call Forwarding on Mobile Subscriber Busy.		
A.5/7	Call Forwarding on No Reply.		
A.5/8	Call Forwarding on Mobile Subscriber Not Reachable.		
A.5/9	Call Waiting.		
A.5/10	Call Hold.		
A.5/11	Multi Party Service.		
A.5/13	Advice of Charge (Information).		
A.5/14	Advice of Charge (Charging).		
A.5/15	Barring of All Outgoing Calls.		
A.5/16	Barring of Outgoing International Calls.		
A.5/17	Barring of Outgoing International Calls except those directed to the Home PLMN Country.		
A.5/18	Barring of All Incoming Calls.		
A.5/19	Barring of Incoming Calls when Roaming Outside the Home PLMN Country.		
A.5/20	Unstructured SS Data.		
A.5/22	Call Deflection		
A.5/31	Completion of Calls to Busy SS		
A.5/32	Completion of Calls to Busy Requests		
A.5/35	Name Identification SS		
A.6/15	Teleservice 11..12, Speech.		
A.7/1	Signalling Access Protocol (SAP).	I.440, X.28nond	I.440
A.7/2	Connection Element (CE).	NT, bothNT, T, bothT	NT, bothT, bothNT
A.7/3	User Info Layer 2 Protocol (UIL2P).	ISO6429, COPnoFlCt, NAV	NAV
A.7/4	Number of Data Bits(NDB).	7 bits, 8 bits	8 bits
A.7/5	Parity Information (NPB).	odd, even, 0, 1, none	none
A.7/6	Number of Stop Bits (NSB).	1 bit, 2 bits	1 bit
A.7/7	Radio Channel Requirement (RCR).	dualHR, FR, dualFR	dualFR, dualHR
A.7/8	Intermediate Rate (IR).	8 kbps, 16 kbps	16 kbps, 8 kbps
A.7/9	User Rate (UR).	0.3, 1.2, 2.4, 4.8, 9.6, 1.2/0.075	9.6, 4.8, 2.4
A.7/10	Fixed Network User Rate (FNUR)	9.6, 14.4, 19.2, 28.8, 38.4, 48, 56, NAV	14.4, 9.6
A.7/11	Wanted Air Interface User Rate (WAIUR)	9.6, 14.4, 19.2, 28.8, 38.4, 43.2, 57.6, NAV	14.4, 9.6
A.7/12	User Initiated Modification Indication (UIMI)	not req., upto1, upto2, upto3, upto4, NAV	not req.
A.7/13	Maximum number of Traffic Channels (MaxNumTCH)	1, 2, 3, 4, NAV	1
A.8/1	Signalling Access Protocol (SAP).	I.440, X.28nond	I.440
A.8/2	Connection Element (CE).	NT, bothNT, T, bothT	bothNT, bothT

Features for OUT: SIM800H

Designation	Description	Allowed Values	Supported Value(s)
A.8/3	User Info Layer 2 Protocol (UIL2P).	ISO6429, COPnoFlCt, NAV	NAV
A.8/4	Number of Data Bits(NDB).	7 bits, 8 bits	8 bits
A.8/5	Parity Information (NPB).	odd, even, 0, 1, none	none
A.8/7	Radio Channel Requirement (RCR).	dualHR, FR, dualFR	dualHR, FR, dualFR
A.8/8	Intermediate Rate (IR).	8 kbps, 16 kbps	16 kbps, 8 kbps
A.8/9	User Rate (UR).	0.3, 1.2, 2.4, 4.8, 9.6, 1.2/0.075	2.4, 9.6, 4.8
A.8/10	Modem Type (MT).	V.21, V.22, V.22bis, V.26ter, V.32, V.23, auto	V.26ter, V.22bis
A.8/11	Fixed Network User Rate (FNUR)	9.6, 14.4, 19.2, 28.8, NAV	14.4, 9.6
A.8/12	Wanted Air Interface User Rate (WAIUR)	9.6, 14.4, 19.2, 28.8, 38.4, 43.2	9.6, 14.4
A.8/13	Acceptable channel codings (ACC)	4.8, 9.6, 14.4, NAV	9.6, 14.4, 4.8
A.8/14	User Initiated Modification Indication (UIMI)	not req., upto1, upto2, upto3, upto4, NAV	not req.
A.8/15	Maximum number of Traffic Channels (MaxNumTCH)	1, 2, 3, 4, NAV	1
A.15/1	Radio Channel Requirement (RCR).	dualHR, FR, dualFR	FR, dualFR, dualHR
A.16/1	Connection Element (CE).	NT, bothNT, T, bothT	T, bothT, bothNT
A.16/3	Number of Data Bits(NDB).	7 bits, 8 bits	8 bits
A.16/4	Parity Information (NPB).	odd, even, 0, 1, none	none
A.16/5	Number of Stop Bits (NSB).	1 bit, 2 bits	1 bit
A.16/6	Radio Channel Requirement (RCR).	dualHR, FR, dualFR	dualFR, dualHR
A.16/7	Intermediate Rate (IR).	8 kbps, 16 kbps	16 kbps, 8 kbps
A.16/8	User Rate (UR).	0.3, 1.2, 2.4, 4.8, 9.6, 1.2/0.075	9.6, 4.8, 2.4
A.16/9	Modem Type (MT).	V.21, V.22, V.22bis, V.26ter, V.32, V.23, auto1	V.22bis, V.26ter
A.18/1	Radio Channel Requirement (RCR).	dualHR, FR, dualFR	dualFR, dualHR
A.19/1	Connection Element (CE).	NT, bothNT, T, bothT	NT, bothNT, bothT
A.19/2	User Info Layer 2 Protocol (UIL2P).	ISO6429, COPnoFlCt, NAV	NAV
A.19/3	Number of Data Bits(NDB).	7 bits, 8 bits	8 bits
A.19/5	Number of Stop Bits (NSB).	1 bit, 2 bits	1 bit
A.19/6	Radio Channel Requirement (RCR).	dualHR, FR, dualFR	dualHR, FR, dualFR
A.19/7	Intermediate Rate (IR).	8 kbps, 16 kbps	8 kbps, 16 kbps
A.19/8	User Rate (UR).	0.3, 1.2, 2.4, 4.8, 9.6, 1.2/0.075	4.8, 9.6, 2.4
A.19/9	Modem Type (MT).	V.21, V.22, V.22bis, V.26ter, V.32, V.23, auto1	V.22, V.22bis, V.26ter
A.21/1	Radio Channel Requirement (RCR).	dualHR, FR, dualFR	dualHR, FR, dualFR
A.23/1	Connection Element (CE).	NT, bothNT, T, bothT	T
A.23/3	Intermediate Rate (IR).	8 kbps, 16 kbps	16 kbps, 8 kbps
A.23/4	User Rate (UR).	2.4, 4.8, 9.6	9.6, 4.8, 2.4
A.23/5	all allowed combinations according to GSM 07.01 B.1.10.2 (3GPP TS 27.001) implemented (if not, provide detailed description).		
A.24/1	Connection Element (CE).	NT, bothNT, T, bothT	T
A.24/3	Intermediate Rate (IR).	8 kbps, 16 kbps	16 kbps, 8 kbps
A.24/4	User Rate (UR).	2.4, 4.8, 9.6	2.4, 9.6, 4.8
A.24/5	all allowed combinations according to GSM 07.01 B.1.11 (3GPP TS 27.001) implemented (if not, provide detailed description).		

Features for OUT: SIM800H

Designation	Description	Allowed Values	Supported Value(s)
A.25.1/1	AMR C/I normalization factor (AFS GSM 900) (units: dB)	0 … inf	
A.25.1/2	Loop C delay Full rate (round trip delay, in number of TDMA frames)	0 … inf	
A.25.1/3	AMR C/I normalization factors (AFS, Improved RX performance, GSM 900) (units: dB)	0 … inf	
A.25.1/4	AMR C/I normalization factors (AHS, Improved RX performance, GSM 900) (units: dB)	0 … inf	
A.25.1/6	Loop C delay Half rate (round trip delay, in number of TDMA frames)	0 … inf	
A.25.1/7	Averaging time Tav This time is the time between the first and the last measurement sample taken on one carrier during one averaging period when measurering received signal strength	0 … inf	
A.25.1/11	AMR C/I normalization factor (AFS GSM 850) (units: dB)	0 … inf	
A.25.1/14	AMR C/I normalization factor (AFS DCS 1800) (units: dB)	0 … inf	
A.25.1/15	AMR C/I normalization factor (AFS PCS 1900) (units: dB)	0 … inf	
A.25.1/16	AMR C/I normalization factor (AHS GSM 900) (units: dB)	0 … inf	
A.25.1/17	AMR C/I normalization factor (AHS GSM 850) (units: dB)	0 … inf	
A.25.1/20	AMR C/I normalization factor (AHS DCS 1800) (units: dB)	0 … inf	
A.25.1/21	AMR C/I normalization factor (AHS PCS 1900) (units: dB)	0 … inf	
A.25.1/22	AMR C/I normalization factors (AFS, Improved RX performance, GSM 850) (units: dB)	0 … inf	
A.25.1/25	AMR C/I normalization factors (AFS, Improved RX performance, DCS 1800) (units: dB)	0 … inf	
A.25.1/26	AMR C/I normalization factors (AFS, Improved RX performance, PCS 1900) (units: dB)	0 … inf	
A.25.1/27	AMR C/I normalization factors (AHS, Improved RX performance, GSM 850) (units: dB)	0 … inf	
A.25.1/30	AMR C/I normalization factors (AHS, Improved RX performance, DCS 1800) (units: dB)	0 … inf	
A.25.1/31	AMR C/I normalization factors (AHS, Improved RX performance, PCS 1900) (units: dB)	0 … inf	
A.25/1	at least one half rate service.		
A.25/2	Speech supported for Full rate version 1 (GSM FR)		
A.25/3	Speech supported for Half rate version 1 (GSM HR)		
A.25/18	at least one bearer capability.		
A.25/19	at least one MT circuit switched basic service.		
A.25/20	at least one MO circuit switched basic service.		
A.25/22	at least one service on traffic channel supported		
A.25/23	dual rate radio channel types (no relation to supported speech codecs)		
A.25/25	at least one teleservice.		
A.25/26	CC protocol for at least one BC.		
A.25/29	at least one supplementary service.		
A.25/30	non call related supplementary service.		
A.25/31	at least one short message service.		
A.25/32	(SMS) reply procedure.		
A.25/33	replace SMS.		
A.25/34	display of received SMS.		

Features for OUT: SIM800H

Designation	Description	Allowed Values	Supported Value(s)
A.25/35	SMS status report capabilities.		
A.25/36	Storing of short messages in the SIM.		
A.25/37	Storing of short messages in the ME.		
A.25/38	detach on power down.		
A.25/42	Plug-In SIM.		
A.25/43	Disable PIN feature.		
A.25/44	PIN2 feature.		
A.25/45	Feature requiring entry of PIN2.		
A.25/46	Chars 0-9, *, # supported		
A.25/48	automatically enter automatic selection of PLMN mode.		
A.25/49	alerting indication to the user.		
A.25/52	In-Call modification.		
A.25/53	follow-on request procedure.		
A.25/57	Handset MS supporting speech.		
A.25/60	Permanent Antenna Connector.		
A.25/61	Pseudo-synchronized handover supported.		
A.25/65	Speech supported for Full rate version 2 (GSM EFR)		
A.25/72	14.4 k data mode		
A.25/73	Implementation of cause number 27 of busy autocalling in category 2		
A.25/74	Implementation of cause number 27 of busy autocalling in category 3		
A.25/76	Artificial ear type 1		
A.25/79	Speech supported for Full rate version 3 (FR AMR)		
A.25/83	Support of one PDP context activation		
A.25/84	Support of more than one PDP context activation		
A.25/85	Support of more than one PDP context activation simultaneously on the same SAPI		
A.25/88	Support of Network requested PDP context activation		
A.25/89	Support for user settings of minimum QoS		
A.25/90	Automatic GPRS attach procedure at switch-on/power-on		
A.25/92	Automatic attach procedure when MS identity cannot derived by the network		
A.25/93	Automatic MM IMSI attach procedure at switch-on / power-on		
A.25/94	Support of SIM Application Toolkit		
A.25/96	1,8V/3V SIM/ME interface.		
A.25/97	Multiple SM MO/PP on same RR link		
A.25/99	at least one service not support immediate connection		
A.25/102	EFR_EmgCallSetup message contains the bearer capability		
A.25/106	User requested non-GPRS detached		
A.25/108	Artificial ear type 3.3		
A.25/109	Support of Multiple SMS		
A.25/111	GPRS attach attempted automatically due to outstanding request		
A.25/112	Speech supported for Half rate version 3 (HR AMR)		
A.25/113	AMR Loop Back Modes		
A.25/114	TTY services		
A.25/115	Support of Secondary PDP Context Activation		

Features for OUT: SIM800H

Designation	Description	Allowed Values	Supported Value(s)
A.25/116	Support of MO SMS Concatenation		
A.25/117	Support of MT SMS Concatenation		
A.25/118	NITZ Supported		
A.25/119	Use of NITZ DST (Daylight Saving Time)		
A.25/129	Support of DARP phase 1		
A.25/132	MS with improved receiver performance		
A.25/138	Support of overwriting the existing Class 2 SMS		
A.25/139	Support of Repeated SACCH		
A.25/142	Support of Rel-4 acoustic implementation		
A.25/143	MS with no components having RF performance sensitive to vibration condition during testing		
A.25/145	Use of NITZ Short Name		
A.25/146	Use of NITZ Universal Time		
A.25/147	Use of NITZ Local Time Zone		
A.25/148	MS using a temporary antenna connector		
A.25/149	Support of Repeated FACCH		
A.25/151	Controlled Early Classmark Sending		
A.25/152	SS Screening Indicator	00, 01, 10, 11	01
A.25/155	Classmark 3 options available		
A.25/157	UCS2 treatment	0, 1	1
A.25/159	Extended Measurement Capability		
A.25/165	Support of public basic MMI strings to change/unblock PIN		
A.25/166	UMTS AKA capable		
E.1/1	Profile Download		
E.1/2	SMS-PP data download		
E.1/4	Menu selection		
E.1/5	9EXX response code for SIM data download error		
E.1/6	Timer expiration		
E.1/7	USSD string data object supported in Call Control		
E.1/8	Envelope Call Control always sent to the SIM during automatic redial mode		
E.1/9	Command result		
E.1/10	Call Control by SIM		
E.1/11	Cell identity included in Call Control by SIM		
E.1/12	MO short message control by SIM		
E.1/13	Handling of the alpha identifier		
E.1/14	UCS2 Entry supported		
E.1/15	UCS2 Display supported		
E.1/16	Display of the extension text		
E.1/17	DISPLAY TEXT		
E.1/18	GET INKEY		
E.1/19	GET INPUT		
E.1/20	MORE TIME		
E.1/21	PLAY TONE		
E.1/22	POLL INTERVAL		
E.1/23	POLLING OFF		
E.1/24	REFRESH		
E.1/25	SELECT ITEM		
E.1/26	SEND SHORT MESSAGE		
E.1/27	SEND SS		
E.1/28	SEND USSD		

Features for OUT: SIM800H

Designation	Description	Allowed Values	Supported Value(s)
E.1/29	SET UP CALL		
E.1/30	SET UP MENU		
E.1/31	PROVIDE LOCAL INFORMATION (LOCI & IMEI)		
E.1/32	PROVIDE LOCAL INFORMATION (NMR)		
E.1/33	SET UP EVENT LIST		
E.1/34	Event: MT call		
E.1/35	Event: Call connected		
E.1/36	Event: Call disconnected		
E.1/37	Event: Location status		
E.1/38	Event: User activity		
E.1/42	Event: Browser Termination		
E.1/57	TIMER MANAGEMENT (start, stop)		
E.1/58	TIMER MANAGEMENT (get current value)		
E.1/60	Binary choice in GET INKEY		
E.1/61	SET UP IDLE MODE TEXT		
E.1/63	2nd alpha identifier in SET UP CALL		
E.1/64	2nd capability configuration parameter		
E.1/65	Sustained DISPLAY TEXT		
E.1/66	SEND DTMF command		
E.1/67	PROVIDE LOCAL INFORMATION - BCCH		
E.1/69	PROVIDE LOCAL INFORMATION (Timing Advance)		
E.1/70	LANGUAGE NOTIFICATION		
E.1/71	LAUNCH BROWSER		
E.1/108	Number of characters supported down the ME		
E.1/113	Number of characters supported across the ME display		
E.1/117	Number of characters supported across the ME display		
E.1/122	Text Wrapping supported		
E.1/123	Text Scrolling supported		
R1	Reduced applicability - the test is applicable ("A") or redundant ("R") depending on the support of other optional or conditional items.		
R5	Reduced applicability - the test is applicable ("A") or redundant ("R") depending on the support of other optional or conditional items.		

Additional information for scope: GERAN_v1

A.1/6_BINS
E_SATK
A.1/6_BISE
_SATK
A.1/6_CINS
E_SATK
A.1/6_CISE
_SATK
CatA
CatB
CatE
TH
TL
TN
VH
VL
VN

Features for OUT: SIM800H

Designation Description	Allowed Values	Supported Value(s)

Additional information for scope: UTRA_v2

26132_eart
ype_3.3
Service_Sp
eech
VX
VY
VZ

2.4   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

nn05

Sample: NN05

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:	This is partial report.

3.2   List of the Applicable Body

(Bodies for Scope: GERAN_v1)

Designation	Description
GCF-CC v3.54 bis	Official GCF-CC Version 3.54.0/3.54.1 dated 2014-04-09/2014-04-29 EXPIRY DATE: 2014-10-27
NAPRD.03 v5.19 bis	Official PTCRB NAPRD.03 v5.19

3.3 List of Test Specification

Test Specification: **51.010-1**
Date / Version 2014/06/30   Version: v12.1.0
Title: 3GPP TS 51.010-1
Description: Part 1: Conformance specification

3.4   Summary

Test Case Identifier / Name Test (condition)	Cat	Result	Date of Test	Lab Ref.	Setup
20.7 Priority of cells					
20.7; Frequency Band = 1900	A	Passed	2014/08/05	Lab 1	nn05
26.6.11.2 Classmark interrogation					
26.6.11.2; Frequency Band = 1900	A	Passed	2014/08/08	Lab 1	nn05
42.4.2.3.1 Cell change order procedure / Simultaneous uplink and downlink transfer / Normal case					
42.4.2.3.1; Frequency Band = 1800	A	Passed	2014/08/05	Lab 1	nn05
42.4.2.3.1; Frequency Band = 1900	A	Passed	2014/08/05	Lab 1	nn05
42.4.2.3.1; Frequency Band = 850	A	Passed	2014/08/05	Lab 1	nn05
42.4.2.3.1; Frequency Band = 900	A	Passed	2014/08/05	Lab 1	nn05
42.4.6.4 Network Control PEMR - Uplink Data Transfer					
42.4.6.4; Frequency Band = 1900	E	Passed	2014/08/05	Lab 1	nn05
44.2.10 MS Radio Access Capability Interrogation					
44.2.10; Frequency Band = 1900	E	Passed	2014/08/08	Lab 1	nn05
46.2.2.4.1 Response from MS on receiving XID request from the SS					
46.2.2.4.1; Frequency Band = 1900	A	Passed	2014/08/05	Lab 1	nn05

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 CRTU-G - ritt7layers-Beijing

Lab ID:	**Lab 1**		
Description:	Universal Protocol Tester		
Type:	CRTU-G		
Serial Number:	see single device		
	HW/SW Status	*Date of Start*	*Date of End*
	BP 1.50, EP 3.90	2014/02/08	
	ASP 5.61 and lower versions		
	ACC 7.70 and lower versions		
	CRTPK1 3v40,CRTPK2 3v30,CRTPKB 3.20		
	CRTPK3 3v42,CRTPK4 3v61,CRTPK6 3v20		
	CRTPK8 3v30,CRTPK9 3v40,CRTKSS1 2v50,		
	CRTKSS2 2v10,CRTKSS3 2v00,CRTKSS5 2v10,		
	CRTKSS6 1v91,CRTKLU1 3v10,CU-GC01 2v20,		
	CRTUGC02 2v50,CRTKEGS-900 3v20		
	-GC03 2v10,-GC04 1v81,-GC05 2v10,-GC06 1v90		
	-GC07 2v00,-GC08 1v91,-GC09 4v40,-GC10 1v71		
	-GC12 1v60,-CG16 1v71,-GC18 4v80,-GC19 2v20		
	-GC20 2v00,-GC21 1v40,-GC22 2v01,-GC23 1v91		
	-GC24 2v10,-GC28 1v40,-GC29 1v60,-GC31 4v60		
	-GC32 4v50,-GC33 4v61,-GC34 5v00,-GC35 4v71		
	-GC36 4v60,-GC37 4v60,-GC38 4v50,-GC39 4v60		
	-GC41 4v80,-GC47 1v10,-GC54 1v31,-GC55 1v40		
	-GC56 1v50,-GC59 1v20,-GC61 4v60,-GC62 4v50		
	-GC63 4v50,-GC64 4v70,-GC65 4v60,-GC68 4v60		
	-GC69 4v90,-GC70 4v61,-GC71 4v50,-GC72 4v71		
	-GC73 4v61,-GC74 4v50,-GC75 4v70,-GC76 4v60		
	-GC77 4v80,-GC78 4v70,-GC79 4v50,-GC80 4v50		
	-GC81 4v60,-GC82 4v40,-GS83 4v50,-GC84 4v71		
	-GC85 4v70,-GC86 4v60,-GC87 4v60,-GC88 4v70		
	-GC89 4v60,-GC90 4v72,-GC91 4v50,-GC92 1v50		

Single Devices for CRTU-G - ritt7layers-Beijing

Single Device Name	Type	Serial Number	Manufacturer
CRTU-G	CRTU-G	100222	
CRTUS	CRTUS	100147	
	Calibration Details		*Last Execution*
	calibration		2011/09/04

Test Equipment temperature and humidity meter

Lab ID:	**Lab 1**	
Description:	temperature and humidity meter	
Serial Number:	G-201	
	Calibration Details	*Last Execution*
	Calibration	2013/12/23

5   Annex

5.1   Additional Information for OUT Description

Annex A

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Photos of OUT

1. Front View of OUT

2. Back View of OUT

5.2   Additional Information for Report

5.2 Accreditation Certificate

Annex B

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ISO/IEC 17025

Accreditation Certificate

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China National Accreditation Service for Conformity Assessment

LABORATORY ACCREDITATION CERTIFICATE

(Registration No. CNAS L4320)

Beijing 7 Layers Huarui Communications Technology Co., Ltd.

E-301, No.8, Tongji South Road,

Beijing Economic-Technological Development Area, Beijing, China

is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories(CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence of testing.

The scope of accreditation is detailed in the attached appendices bearing the same registration number as above. The appendices form an integral part of this certificate.

Date of Issue：2013-04-02

Date of Expiry：2016-04-01

Date of Initial Accreditation：2009-12-14

Date of Update：2013-04-02

Signed on behalf of China National Accreditation Service
for Conformity Assessment

China National Accreditation Service for Conformity Assessment (CNAS) is authorized by Certification and Accreditation Administration of the People's Republic of China (CNCA) to operate the national accreditation schemes for conformity assessment. CNAS is the signatory to International Laboratory Accreditation Cooperation Multilateral Recognition Arrangement (ILAC MRA) and Asia Pacific Laboratory Accreditation Cooperation Multilateral Recognition Arrangement (APLAC MRA).

No.CNAS AL 2   0006762

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