

Compliance Certification Services (Kunshan) Inc.

Report No.: KSCR220900164701 Page: 1 of 48

TEST REPORT

Application No.:	KSCR2209001647AT (SZCR2208002762AT)
FCC ID:	2AG32EG3015MM30HP
Applicant:	Baicells Technologies Co., Ltd.
Address of Applicant:	9-10F, 1stBldg., No.81BeiqingRoad, Haidian District, Beijing, China
Manufacturer:	Baicells Technologies Co., Ltd.
Address of Manufacturer:	9-10F, 1stBldg., No.81BeiqingRoad, Haidian District, Beijing, China
Equipment Under Test (EU	Т):
EUT Name:	LTE Indoor CPE
Model No.:	EG3015M-M30-HP, EG3015M-M11-HP 🔒
*	Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
Trade Mark:	Baicells
Standard(s):	FCC 47 CFR Part 96
	CBRSA-TS-9001-V1.2.1
	WINNF-19-IN-00033 V1.0
	KDB 940660 D01 Part 96 CBRS Eqpt v03
	KDB 940660 D02 CPE-CBSD Handshake Procedures v02
	WINNF-TS-0122-V1.0.2 CBRS CBSD Test Specification
Date of Receipt:	2022-08-26
Date of Test:	2022-08-29 to 2022-09-01
Date of Issue:	2022-09-09
Test Result:	Pass*

* In the configuration tested, the EUT complied with the standards specified above.

ma fri

Eric Lin Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-and-Cond

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 t(86-512)57355888 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888

f(86-512)57370818 sgs.china@sgs.com



Compliance Certification Services (Kunshan) Inc.

 Report No.:
 KSCR220900164701

 Page:
 2 of 48

	Revision Record			
Version	Description	Date	Remark	
00	Original	2022-09-09	/	

Authorized for issue by:		
	Damon zhou	
	Damon Zhou / Project Engineer	
	_	
	En fri	
	Eric Lin / Reviewer	



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



Report No.: KSCR220900164701 Page: 3 of 48

2 Test Summary

ltem	Standard	Test Case ID	Result
Multi-Step registration	WINNF-TS-0122- V1.0.2	WINNF.FT.C.REG.1	Pass
Single-Step registration for CBSD with CPI signed data	WINNF-TS-0122- V1.0.2	WINNF.FT.C.REG.5	Pass
Missing Required parameters (responseCode 102)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.REG.8	Pass
Pending registration (responseCode 200)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.REG.10	Pass
Invalid parameter (responseCode 103)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.REG.12	Pass
Blacklisted CBSD (responseCode 101)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.REG.14	Pass
Unsupported SAS protocol version (responseCode 100)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.REG.16	Pass
Group Error (responseCode 201)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.REG.18	Pass
Unsuccessful Grant responseCode=400 (INTERFERENCE)	WINNF-TS-0122- V1.0.2	WINNF.FT.D.GRA.1	Pass
Unsuccessful Grant responseCode=401 (GRANT_CONFLICT)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.GRA.2	Pass
Heartbeat Success Case (first Heartbeat Response)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.HBT.1	Pass
Heartbeat responseCode=105 (DEREGISTER)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.HBT.3	Pass
Heartbeat responseCode=500 (TERMINATED_GRANT)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.HBT.4	Pass
Heartbeat responseCode=501 (SUSPENDED_GRANT) in First Heartbeat Response	WINNF-TS-0122- V1.0.2	WINNF.FT.C.HBT.5	Pass
Heartbeat responseCode=501 (SUSPENDED_GRANT) in Subsequent Heartbeat Response	WINNF-TS-0122- V1.0.2	WINNF.FT.C.HBT.6	Pass
Heartbeat responseCode=502 (UNSYNC_OP_PARAM)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.HBT.7	Pass
Heartbeat Response Absent (First Heartbeat)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.HBT.9	Pass
Heartbeat Response Absent (Subsequent Heartbeat)	WINNF-TS-0122- V1.0.2	WINNF.FT.C.HBT.10	Pass
Successful Relinquishment	WINNF-TS-0122- V1.0.2	WINNF.FT.C.RLQ.1	Pass
Successful Deregistration	WINNF-TS-0122- V1.0.2	WINNF.FT.C.DRG.1	Pass



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or faisification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the 130 avoin. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 83071443, or email: CN.Doccheck@csos.com

No.10,Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国•江苏•昆山市留学生创业园伟业路10号 邮编 215300





Report No.: KSCR220900164701 Page: 4 of 48

Item	Standard	Test Case ID	Result
Successful TLS connection between UUT and SAS Test Harness	WINNF-TS-0122- V1.0.2	WINNF.FT.C.SCS.1	Pass
TLS failure due to revoked certificate	WINNF-TS-0122- V1.0.2	WINNF.FT.C.SCS.2	Pass
TLS failure due to expired server certificate	WINNF-TS-0122- V1.0.2	WINNF.FT.C.SCS.3	Pass
TLS failure when SAS Test Harness certificate is issue by unknown CA	WINNF-TS-0122- V1.0.2	WINNF.FT.C.SCS.4	Pass
TLS failure when certificate at the SAS Test Harness is corrupted	WINNF-TS-0122- V1.0.2	WINNF.FT.C.SCS.5	Pass
UUT RF Transmit Power Measurement	WINNF-TS-0122- V1.0.2	WINNF.PT.C.HBT	Pass
SAS Version: 1.0.0.3			

The UUT is a CPE-CBSD product. According to the specifications of the manufacturer, it must comply with the requirements of the following standards:

Test standards:

CBRSA-TS-9001-V1.2.1

CBRS Alliance Certification Test Plan

WINNF-TS-0122-V1.0.2

Test and Certification for Citizens Broadband Radio Service (CBRS); Conformance and Performance Test Technical Specification; CBSD/DP as Unit Under Test (UUT)

WINNF-19-IN-00033 V1.0

CBRS CPE-CBSD as UUT Test Guidelines

KDB 940660 D01 Part 96 CBRS Eqpt v03

KDB 940660 D02 CPE-CBSD Handshake Procedures v02

Declaration of EUT Family Grouping:

Model No.: EG3015M-M30-HP, EG3015M-M11-HP

Only the model EG3015M-M30-HP was tested, since according to the declaration from the applicant, the electrical circuit design, layout, components used, internal wiring and functions were identical for the above models, with only the differences on LTE Band.

Different model and LTE band:

EG3015M-M30-HP: B41/B48

EG3015M-M11-HP: B48



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-and-Cond

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国 • 江苏 • 昆山市留学生创业园伟业路10号 邮编 215300



 Report No.:
 KSCR220900164701

 Page:
 5 of 48

3 Contents

		Pa	ige
1	COV	ER PAGE	1
2	TES	T SUMMARY	3
-			
3	CON	ITENTS	5
4	GEN	IERAL INFORMATION	7
	4.1	DETAILS OF E.U.T.	7
	4.2	DESCRIPTION OF CBSD/DP SUPPORT FEATURES	7
	4.3	SUMMARY OF TEST RESULTS	8
	4.4	MODIFICATION RECORD	8
	4.5	MEASUREMENT UNCERTAINTY	
	4.6	DESCRIPTION OF SUPPORT UNITS	9
	4.7	TEST LOCATION	9
	4.8	TEST FACILITY	9
5	EQU	IPMENT LIST	. 10
~	TEO		
6	-		
	6.1	CBSD/DP CONFORMANCE AND PERFORMANCE	
	6.2	CPE-CBSD HANDSHAKE PROCEDURES	
	6.3	CBSD TEST PROCEDURE	
	6.4	DURATION AND DUTY CYCLE MEASUREMENT	
	6.5	DURATION AND DUTY CYCLE TEST PROCEDURE	
	6.6		
	6.7	TEST SETUP	. 12
7	TES	Т ДАТА	.14
	7.1	CBSD REGISTRATION PROCESS	.14
	7.1.1	WINNF.FT.C.REG.1	. 14
	7.1.2	2 WINNF.FT.C.REG.5	. 15
	7.1.3	3 WINNF.FT.C.REG.8	. 16
	7.1.4	WINNF.FT.C.REG.10	. 17
	7.1.5	5 WINNF.FT.C.REG.12	. 18
	7.1.6	WINNF.FT.C.REG.14	. 19
	7.1.7	WINNF.FT.C.REG.16	. 20
	7.1.8	3 WINNF.FT.C.REG.18	. 21
	7.2	CBSD SPECTRUM GRANT PROCESS	.22
	7.2.1	WINNF.FT.C.GRA.1	. 22
	7.2.2	2 WINNF.FT.C.GRA.2	
	7.3	CBSD HEARTBEAT PROCESS	
	7.3.1	WINNF.FT.C.HBT.1	. 23
	7.3.2	2 WINNF.FT.C.HBT.3	. 25
	7.3.3	3 WINNF.FT.C.HBT.4	. 26
	7.3.4	WINNF.FT.C.HBT.5	. 27
	7.3.5		



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN_Doccheck@gss.com



Compliance Certification Services (Kunshan) Inc.

Report No.: KSCR220900164701

Page: 6 of 48

	7.3.6 WINNF.FT.C.HBT.7	
	7.3.7 WINNF.FT.C.HBT.9	
	7.3.8 WINNF.FT.C.HBT.10	
	7.4 CBSD RELINQUISHMENT PROCESS	
	7.4.1 WINNF.FT.C.RLQ.1	
	7.5 CBSD DEREGISTRATION PROCESS	
	7.5.1 WINNF.FT.C.DRG.1	
	7.6 CBSD SECURITY VALIDATION	
	7.6.1 WINNF.FT.C.SCS.1	
	7.6.2 WINNF.FT.C.SCS.2	
	7.6.3 WINNF.FT.C.SCS.3	
	7.6.4 WINNF.FT.C.SCS.4	
	7.6.5 WINNF.FT.C.SCS.5	
	7.7 CBSD RF Power Measurement	
	7.7.1 WINNF.PT.C.HBT	
	7.8 DURATION AND DUTY CYCLE	
	7.9 VERIFY THAT THE DEVICE WILL REGISTER WITH A SAS WHEN OPERATING BELOW 23 DBM	42
8	TEST DATA LOG	43
	3.1 WINNF.FT.C.SCS.1	43
	3.2 WINNF.FT.C.SCS.2	
	3.3 WINNF.FT.C.SCS.3	45
	3.4 WINNF.FT.C.SCS.4	
	3.5 WINNF.FT.C.SCS.5	47
9	PHOTOGRAPHS	
	9.1 EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)	48



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



Report No.: KSCR220900164701 Page: 7 of 48

4 General Information

4.1 Details of E.U.T.

Power supply:	Adapter Model NO .: S24B74-120A200-0K
	Input: 100-240V~50/60Hz, 0.8A
	Output: 12.0V, 2.0A, 24.0W
Sample Type:	Mobile device
CBSD Class:	A (Indoor CPE)
Transmitter Frequency Band:	LTE Band 48
Transmitter Frequency Range:	3550~3700MHz
Hardware Version:	VER.C
Software Version:	BaiCE_BQ_1.1.12_NA
Test sample:	1203000155225RQ0013(S/N)
Antenna Gain:	5.5 dBi
MIMO Type:	2T4R MIMO

4.2 Description of CBSD/DP Support Features

Condition	Feature Description	Supported
C1	Mandatory for UUT which supports multi-step registration message.	Y
C2	Mandatory for UUT which supports single-step registration with no CPI- signed data in the registration message. By definition, this is a subset of Category A devices which determine all registration information, including location, without CPI intervention.	N
C3	Mandatory for UUT which supports single-step registration containing CPI- signed data in the registration message.	Y
C4	Mandatory for UUT which supports RECEIVED_POWER_WITHOUT_GRANT measurement report type.	N
C5	Mandatory for UUT which supports RECEIVED_POWER_WITH_GRANT measurement report type.	N
C6	Mandatory for UUT which supports parameter change being made at the UUT and prior to sending a deregistration.	N

Y: Supported

N: Not supported



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@csac.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



 Report No.:
 KSCR220900164701

 Page:
 8 of 48

4.3 Summary of Test Results

WINNF-TS-0122			
Classes	Test Case Items	Pass Items	Pass Rate (%)
FT (CBSD, DP/CBSD)	25	25	100
PT (CBSD, DP/CBSD)	1	1	100
Total	26	26	100

Note:

1. Functional Test (FT): Test to validate the conformance of the Protocols and functionalities implemented in the CBSD/DP UUT to the requirements developed by WInnForum and supporting FCC/DoD requirements.

2. Field/Performance Test (PT): Test to check the capability of the CBSD/DP UUT to support various traffic models and actual operations in the field.

	Duration and Duty Cycle	
Period	Limit	Test Result
10-second	1-second	Pass
300-second	10-second	Pass
3600-second	20-second	Pass

Note: Limited in duration and duty cycle to the minimum time necessary to get a grant from the SAS. This time should not exceed 1 second within any 10-second period, 10seconds within any 300second period, or 20 seconds within any 3600-second period.

4.4 Modification Record

- 1. The Pass/Fail criteria "UUT shall not transmit RF" is replaced by "CPE-CBSD UUT shall not transmit user traffic".
- 2. The Pass/Fail criteria "UUT shall stop transmission" is replaced by CPE-CBSD UUT shall stop transmitting user traffic"



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or analis.



 Report No.:
 KSCR220900164701

 Page:
 9 of 48

No.	Item	Measurement Uncertainty
1	Radio Frequency	± 7.25 x 10 ⁻⁸
2	RF conducted power	± 0.75dB
3	Temperature test	± 1°C
4	Humidity test	± 3%
5	Supply voltages	± 1.5%
6	Time	± 3%

4.5 Measurement Uncertainty

4.6 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
EPC	Lanner Electronics Inc.	LICA-1513A	LR202002004052
Router	TP-LINK	TL-R860+	1175379002425
		mBS1105	
Base station	Baicells	(FCC ID: 2AG32MBS110596N)	120200007219BSP0001

4.7 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888 Fax: +86 512 5737 0818

No tests were sub-contracted.

4.8 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• A2LA (Certificate No. 2541.01)

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 2541.01.

• FCC (Designation Number: CN1172)

Compliance Certification Services (Kunshan) Inc. has been recognized as an accredited testing laboratory. Designation Number: CN1172.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or analis.



Report No.: KSCR220900164701 Page: 10 of 48

5 Equipment List

Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
Laptop	Lenovo	Y510P	HFL000026	N/A	N/A
Spectrum Analyzer	KEYSIGHT	N9020A	KUS2001M00 1-2	2022/7/13	2023/7/12
Shield Room	研创	N/A	KS301115-2	N/A	N/A
Coaxial Cable	Thermax	N/A	14	2021/10/16	2022/10/15
Attenuator	Mini-Circuits	NAT-6-2W	15542-1	N.C.R.	N.C.R.
Humidity / Temperature Indicator	Anymetre	TH603	CZ700001(4/7	2021/10/14	2022/10/13



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国•江苏•昆山市留学生创业园伟业路10号 邮编 215300



Report No.: KSCR220900164701 Page: 11 of 48

6 Test Method and Environment

6.1 CBSD/DP Conformance and Performance

Test Requirement:	CBRS CBSD Test Specification WINNF-TS-0122-V1.0.2
Test Method:	WINNF-IN-0156_WInnForum_SAS_Test_Harness_CBSD_UUT_Tutorial_
	v1_0_0_1

6.2 CPE-CBSD Handshake Procedures

Test Requirement:	KDB 940660 D02 CPE-CBSD Handshake Procedures v02
Test Method:	WINNF-19-IN-00033 V1.0
	KDB 940660 D02 CPE-CBSD Handshake Procedures v02

6.3 CBSD Test Procedure

- a. Connect the UUT to SAS Test Harness system and RF Test instruments via the CBSD interface and RF components. The highest level is set to test configuration.
- b. UUT shall be UTC time synchronized
- c. The frequency band is granted and set as UUT supported Modulation and Channels, transmitted power of the UUT according to it granted parameters from the SAS Test Harness.
- d. Each test case results were recorded and validated by SAS Test Harness system and RF instruments test cases was recorded test results from SAS Test Harness system.

6.4 Duration and Duty Cycle Measurement

The CPE-CBSD shall validate and ensure that limited in duration and duty cycle to the minimum time necessary to get a grant from the SAS.

6.5 Duration and Duty Cycle Test Procedure

- a. CPE-CBSD as UUT does not receive any RF signal from its "Compatible BTS-CBSD" (FCC ID: 2AG32MBS110596N), so CPE-CBSD as UUT does not transmit. UUT shall be UTC time synchronized.
- b. Use the WinnForum SAS Harness #1 for CPE-CBSD as UUT and run test case WINNF.FT.C.GRA.1 for CPE-CBSD as UUT.
- c. CPE-CBSD as UUT starts to receive the RF signal from its "Compatible BTS-CBSD", so CPE-CBSD can start communicating with the WinnForum SAS Harness #1. Make note of the time when RF Test equipment logs the first transmission from CPE-CBSD which is above 23dBm/10MHz – this is the start time of the {X time out of Y time}.
- d. When the test case WINNF.FT.C.GRA.1 finishes and the questions appear on the WinnForum SAS Harness #1 console, do NOT answer the questions. Wait until Y time has passed from step #3. During this Y time, the RF test equipment is logging the amount of time CPE-CBSD as UUT transmitted EiRP above 23dBm/10MHz. The amount of time logged for transmitting EIRP above 23dBm/10MHz is the X time.
- e. Answer the questions on the WinnForum SAS Harness #1 console so the WinnForum SAS Harness #1 is ready for the next test.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csac.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300

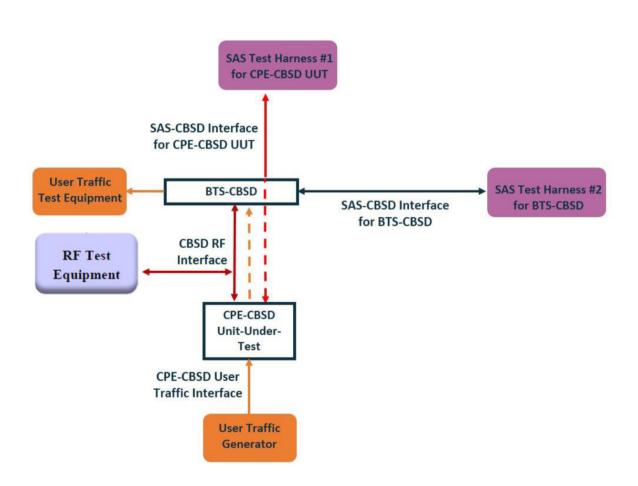


Report No.: KSCR220900164701 Page: 12 of 48

6.6 Test Environment

Test Harness Version:	V1.0.0.3
Operating System:	Microsoft Windows 10
TLS Version:	1.2
Python Version:	2.7.13
Environmental Conditions:	25deg. C, 65%RH
Input Power:	120Vac, 60Hz

6.7 Test Setup

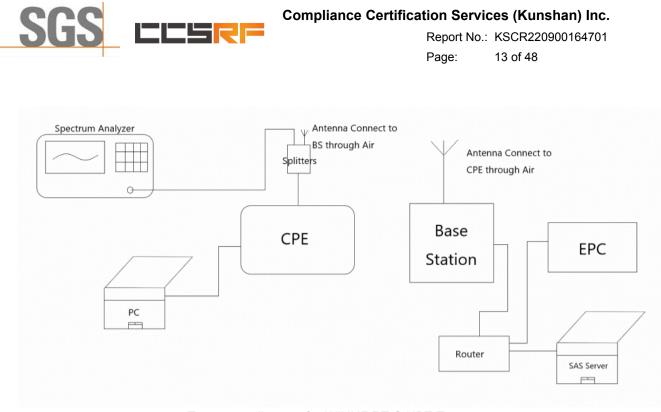


CPE-CBSD as UUT, BTS-CBSD direct communication without Domain Proxy



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



Test setup diagram for WINNF.PT.C.HBT Test case



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: (CD Doccheck/dosas.com)



Report No.: KSCR220900164701 Page: 14 of 48

7 Test Data

7.1 CBSD Registration Process

7.1.1 WINNF.FT.C.REG.1

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has successfully completed SAS Discovery and Authentication with the SAS Test Harness UUT is in the Unregistered state 		
2	 CBSD sends correct Registration request information, as specified in [n.5], to the SAS Test Harness: The required userId, fccld and cbsdSerialNumber registration parameters shall be sent from the CBSD and conform to proper format and acceptable ranges. Any REG-conditional or optional registration parameters that may be included in the message shall be verified that they conform to proper format and are within acceptable ranges. Note: It is outside the scope of this document to test the Registration information that is supplied via another means. 	∎ Pass	□ Fail
3	SAS Test Harness sends a CBSD Registration Response as follows: - cbsdld = C - measReportConfig shall not be included - responseCode = 0		
4	After completion of step 3, SAS Test Harness will not provide any positive response (responseCode=0) to further request messages from the UUT.		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@csac.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国•江苏•昆山市留学生创业园伟业路10号 邮编 215300



 Report No.:
 KSCR220900164701

 Page:
 15 of 48

7.1.2 WINNF.FT.C.REG.5

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness UUT is in the Unregistered state All of the required and REG-Conditional parameters shall be configured and CPI signature provided 		
2	 CBSD sends Registration request to the SAS Test Harness: The required userId, fccId and cbsdSerialNumber and REG-Conditional cbsdCategory, airInterface, measCapability and cpiSignatureData registration parameters shall be sent from the CBSD and conform to proper format and acceptable ranges. Any optional registration parameters that may be included in the message shall be verified that they conform to proper format and are within acceptable ranges. 	∎ Pass	□ Fail
3	SAS Test Harness sends a CBSD Registration Response as follows: - cbsdld = C - measReportConfig shall not be included. - responseCode = 0		
4	After completion of step 3, SAS Test Harness will not provide any positive response (responseCode=0) to further request messages from the UUT.		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300

Member of the SGS Group (SGS SA)



 Report No.:
 KSCR220900164701

 Page:
 16 of 48

7.1.3 WINNF.FT.C.REG.8

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness UUT is in the Unregistered state 		
2	CBSD sends a Registration request to SAS Test Harness.		
3	SAS Test Harness rejects the request by sending a CBSD Registration Response as follows: SAS response does not include cbsdld responseCode = 102 		
4	After completion of step 3, SAS Test Harness will not provide any positive response (responseCode=0) to further request messages from the UUT.		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



 Report No.:
 KSCR220900164701

 Page:
 17 of 48

7.1.4 WINNF.FT.C.REG.10

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness 		
	UUT is in the Unregistered state		
2	CBSD sends a Registration request to SAS Test Harness.		
3	SAS Test Harness rejects the request by sending a CBSD Registration Response as follows: SAS response does not include cbsdld responseCode = 200 		
4	After completion of step 3, SAS Test Harness will not provide any positive response (responseCode=200) to further request messages from the UUT.		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



 Report No.:
 KSCR220900164701

 Page:
 18 of 48

7.1.5 WINNF.FT.C.REG.12

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness UUT is in the Unregistered state 		
2	CBSD sends a Registration request to SAS Test Harness.		
3	SAS Test Harness rejects the request by sending a CBSD Registration Response as follows: SAS response does not include cbsdld responseCode = 103 		
4	After completion of step 3, SAS Test Harness will not provide any positive response (responseCode=103) to further request messages from the UUT.		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



 Report No.:
 KSCR220900164701

 Page:
 19 of 48

7.1.6 WINNF.FT.C.REG.14

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness UUT is in the Unregistered state 		
2	CBSD sends a Registration request to SAS Test Harness.		
3	SAS Test Harness rejects the request by sending a CBSD Registration Response as follows: SAS response does not include cbsdld responseCode = 101 		
4	After completion of step 3, SAS Test Harness will not provide any positive response (responseCode=101) to further request messages from the UUT.		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



 Report No.:
 KSCR220900164701

 Page:
 20 of 48

7.1.7 WINNF.FT.C.REG.16

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness UUT is in the Unregistered state 		
2	CBSD sends a Registration request to SAS Test Harness.		
3	SAS Test Harness rejects the request by sending a CBSD Registration Response as follows: SAS response does not include cbsdld responseCode = 100 		
4	After completion of step 3, SAS Test Harness will not provide any positive response (responseCode=100) to further request messages from the UUT.		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



 Report No.:
 KSCR220900164701

 Page:
 21 of 48

7.1.8 WINNF.FT.C.REG.18

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness UUT is in the Unregistered state 		
2	CBSD sends a Registration request to SAS Test Harness.		
3	SAS Test Harness rejects the request by sending a CBSD Registration Response as follows: SAS response does not include cbsdld responseCode = 201 		
4	After completion of step 3, SAS Test Harness will not provide any positive response (responseCode=201) to further request messages from the UUT.		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



 Report No.:
 KSCR220900164701

 Page:
 22 of 48

7.2 CBSD Spectrum Grant Process

7.2.1 WINNF.FT.C.GRA.1

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has registered successfully with SAS Test Harness, with cbsdld = C 		
2	UUT sends valid Grant Request.	∎ Pass	□ Fail
3	 SAS Test Harness sends a Grant Response message, including cbsdld=C responseCode = 400 		
4	After completion of step 3, SAS Test Harness will not provide any positive response (responseCode=0) to further request messages from the UUT.		
5	Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: • UUT shall not transmit RF	∎ Pass	□ Fail

7.2.2 WINNF.FT.C.GRA.2

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has registered successfully with SAS Test Harness, with cbsdld = C 		
2	UUT sends valid Grant Request.	∎ Pass	□ Fail
3	SAS Test Harness sends a Grant Response message, including - cbsdld=C - responseCode = 401		
4	After completion of step 3, SAS Test Harness will not provide any positive response (responseCode=401) to further request messages from the UUT.		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@csac.com



Report No.: KSCR220900164701 Page: 23 of 48

7.3 CBSD HeartBeat Process

7.3.1 WINNF.FT.C.HBT.1

#	Test Execution Steps	Res	ults
1	 Ensure the following conditions are met for test entry: UUT has registered successfully with SAS Test Harness, with cbsdld = C 		
2	 UUT sends a message: If message is type Spectrum Inquiry Request, go to step 3, or If message is type Grant Request, go to step 5 		
3	 UUT sends Spectrum Inquiry Request. Validate: cbsdld = C List of frequencyRange objects sent by UUT are within the CBRS frequency range 	∎ Pass	□ Fail
4	 SAS Test Harness sends a Spectrum Inquiry Response message, including the following parameters: cbsdld = C availableChannel is an array of availableChannel objects responseCode = 0 		
5	 UUT sends Grant Request message. Validate: cbsdld = C maxEIRP is at or below the limit appropriate for CBSD category as defined by Part 96 operationFrequencyRange, F, sent by UUT is a valid range within the CBRS band 	∎ Pass	□ Fail
6	 SAS Test Harness sends a Grant Response message, including the parameters: cbsdld = C grantId = G = a valid grant ID grantExpireTime = UTC time greater than duration of the test responseCode = 0 		
7	 UUT sends a first Heartbeat Request message. Verify Heartbeat Request message is formatted correctly, including: cbsdld = C grantId = G operationState = "GRANTED" 	∎ Pass	□ Fail
8	 SAS Test Harness sends a Heartbeat Response message, with the following parameters: cbsdld = C grantId = G transmitExpireTime = current UTC time + 200 seconds responseCode = 0 		
9	 For further Heartbeat Request messages sent from UUT after completion of step 8, validate message is sent within latest specified heartbeatInterval, and: cbsdld = C grantId = G operationState = "AUTHORIZED" and SAS Test Harness responds with a Heartbeat Response message including the following parameters: cbsdld = C grantId = G transmitExpireTime = current UTC time + 200 seconds responseCode = 0 	∎ Pass	□ Fail



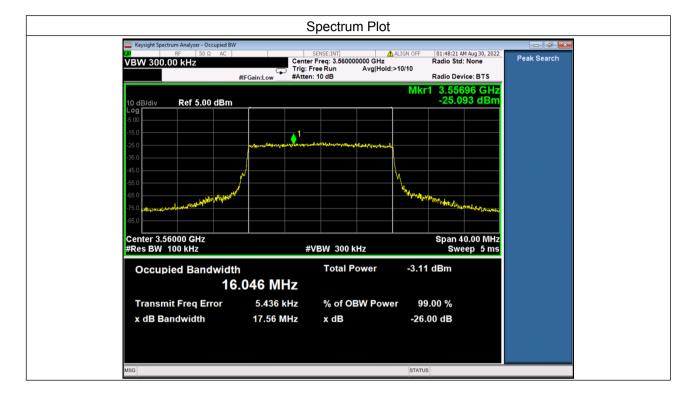
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



Compliance Certification Services (Kunshan) Inc.

Report No.: KSCR220900164701

Page: 24 of 48





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@csac.com



 Report No.:
 KSCR220900164701

 Page:
 25 of 48

7.3.2 WINNF.FT.C.HBT.3

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has registered successfully with SAS Test Harness UUT has a valid single grant as follows: valid cbsdld = C valid grantId = G grant is for frequency range F, power P grantExpireTime = UTC time greater than duration of the test UUT is in AUTHORIZED state and is transmitting within the grant bandwidth F on RF interface 		-
2	 UUT sends a Heartbeat Request message. Ensure Heartbeat Request message is sent within Heartbeat Interval specified in the latest Heartbeat Response, and formatted correctly, including: cbsdld = C grantld = G operationState = "AUTHORIZED" 		
3	 SAS Test Harness sends a Heartbeat Response message, including the following parameters: cbsdld = C grantld = G transmitExpireTime = T = Current UTC time responseCode = 105 (DEREGISTER) 		
4	After completion of step 3, SAS Test Harness shall not allow any further grants to the UUT.		
5	 Monitor the RF output of the UUT. Verify: UUT shall stop transmission within (T + 60 seconds) of completion of step 3 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



 Report No.:
 KSCR220900164701

 Page:
 26 of 48

7.3.3 WINNF.FT.C.HBT.4

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has registered successfully with SAS Test Harness UUT has a valid single grant as follows: valid cbsdld = C valid grantId = G grant is for frequency range F, power P grantExpireTime = UTC time greater than duration of the test UUT is in AUTHORIZED state and is transmitting within the grant bandwidth F on RF interface 		
2	 UUT sends a Heartbeat Request message. Ensure Heartbeat Request message is sent within latest specified heartbeatInterval, and is formatted correctly, including: cbsdld = C grantId = G operationState = "AUTHORIZED" 	∎ Pass	□ Fail
3	 SAS Test Harness sends a Heartbeat Response message, including the following parameters: cbsdld = C grantld = G transmitExpireTime = T = current UTC time responseCode = 500 (TERMINATED_GRANT) 		
4	After completion of step 3, SAS Test Harness shall not allow any further grants to the UUT.		
5	 Monitor the RF output of the UUT. Verify: UUT shall stop transmission within (T + 60 seconds) of completion of step 3 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



 Report No.:
 KSCR220900164701

 Page:
 27 of 48

7.3.4 WINNF.FT.C.HBT.5

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has registered successfully with SAS Test Harness UUT has a valid single grant as follows: valid cbsdld = C valid grantId = G grant is for frequency range F, power P grantExpireTime = UTC time greater than duration of the test UUT is in GRANTED, but not AUTHORIZED state (i.e. has not performed its first Heartbeat Request) 		_
2	 UUT sends a Heartbeat Request message. Verify Heartbeat Request message is formatted correctly, including: cbsdld = C grantId = G operationState = "GRANTED" 	∎ Pass	□ Fail
3	 SAS Test Harness sends a Heartbeat Response message, including the following parameters: cbsdld = C grantId = G transmitExpireTime = T = current UTC time ?responseCode = 501 (SUSPENDED_GRANT) 		
4	After completion of step 3, SAS Test Harness shall not allow any further grants to the UUT.		
	 Monitor the SAS-CBSD interface. Verify either A OR B occurs: A. UUT sends a Heartbeat Request message. Ensure message is sent within latest specified heartbeatInterval, and is correctly formatted with parameters: cbsdld = C grantId = G operationState = "GRANTED" 	∎ Pass	□ Fail
5	 B. UUT sends a Relinquishment request message. Ensure message is correctly formatted with parameters: cbdsId = C grantId = G Monitor the RF output of the UUT. Verify: UUT does not transmit at any time 		



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



 Report No.:
 KSCR220900164701

 Page:
 28 of 48

7.3.5 WINNF.FT.C.HBT.6

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has registered successfully with SAS Test Harness UUT has a valid single grant as follows: valid cbsdld = C valid grantId = G grant is for frequency range F, power P grantExpireTime = UTC time greater than duration of the test UUT is in AUTHORIZED state and is transmitting within the grant bandwidth F on RF interface 		
2	 UUT sends a Heartbeat Request message. Ensure Heartbeat Request message is sent within latest specified heartbeatInterval, and is formatted correctly, including: cbsdld = C grantId = G operationState = "AUTHORIZED" 	∎ Pass	□ Fail
3	 SAS Test Harness sends a Heartbeat Response message, including the following parameters: cbsdld = C grantId = G transmitExpireTime = T = current UTC time responseCode = 501 (SUSPENDED GRANT) 		
4	After completion of step 3, SAS Test Harness shall not allow any further grants to the UUT.		
5	 Monitor the SAS-CBSD interface. Verify either A OR B occurs: A. UUT sends a Heartbeat Request message. Ensure message is sent within latest specified heartbeatInterval, and is correctly formatted with parameters: cbsdld = C grantld = G operationState = "GRANTED" B. UUT sends a Relinquishment request message. Ensure message is correctly formatted with parameters: cbdsld = C grantld = G grantld = G Monitor the RF output of the UUT. Verify: UUT shall stop transmission within (T+60) seconds of completion of step 3 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



 Report No.:
 KSCR220900164701

 Page:
 29 of 48

7.3.6 WINNF.FT.C.HBT.7

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has registered successfully with SAS Test Harness UUT has a valid single grant as follows: valid cbsdld = C valid grantId = G grant is for frequency range F, power P grantExpireTime = UTC time greater than duration of the test UUT is in AUTHORIZED state and is transmitting within the grant bandwidth F on RF interface 		
2	 UUT sends a Heartbeat Request message. Ensure Heartbeat Request message is sent within latest specified heartbeatInterval, and is formatted correctly, including: cbsdld = C grantId = G operationState = "AUTHORIZED" 	∎ Pass	□ Fail
3	SAS Test Harness sends a Heartbeat Response message, including the following parameters: cbsdld = C grantId = G transmitExpireTime = T = current UTC time • responseCode = 502 (UNSYNC_OP_PARAM)		
4	After completion of step 3, SAS Test Harness shall not allow any further grants to the UUT.		
5	 Monitor the SAS-CBSD interface. Verify: UUT sends a Grant Relinquishment Request message. Verify message is correctly formatted with parameters: cbsdld = C grantld = G Monitor the RF output of the UUT. Verify: UUT shall stop transmission within (T+60) seconds of completion of step 3 	■ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



 Report No.:
 KSCR220900164701

 Page:
 30 of 48

7.3.7 WINNF.FT.C.HBT.9

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has registered successfully with SAS Test Harness UUT has a valid single grant as follows: valid cbsdld = C valid grantld = G grant is for frequency range F, power P grantExpireTime = UTC time greater than duration of the test UUT is in GRANTED, but not AUTHORIZED state(i.e. has not performed its first Heartbeat Request) 		
2	 UUT sends a Heartbeat Request message. Ensure Heartbeat Request message is sent within latest specified heartbeatInterval, and is formatted correctly, including: cbsdld = C grantId = G operationState = "GRANTED" 	∎ Pass	□ Fail
3	After completion of step 2, SAS Test Harness does not respond to any further messages from UUT to simulate loss of network connection		
4	Monitor the RF output of the UUT from start of test to 60 seconds after step 3. Verify: At any time during the test, UUT shall not transmit on RF interface	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csc.com



 Report No.:
 KSCR220900164701

 Page:
 31 of 48

7.3.8 WINNF.FT.C.HBT.10

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has registered successfully with SAS Test Harness UUT has a valid single grant as follows: valid cbsdld = C valid grantId = G grant is for frequency range F, power P grantExpireTime = UTC time greater than duration of the test UUT is in AUTHORIZED state and is transmitting within the grant bandwidth F on RF interface 		
2	UUT sends a Heartbeat Request message. Verify Heartbeat Request message is sent within latest specified heartbeatInterval, and is formatted correctly, including: • cbsdld = C • grantId = G • operationState = "AUTHORIZED"	∎ Pass	□ Fail
3	SAS Test Harness sends a Heartbeat Response message, including the following parameters: cbsdld = C grantId = G transmitExpireTime = T = current UTC time + 200 seconds responseCode = 0		
4	After completion of step 3, SAS Test Harness shall not allow any further grants to the UUT.		
5	 Monitor the RF output of the UUT. Verify: UUT shall stop all transmission on RF interface within (transmitExpireTime + 60 seconds), using the transmitExpireTime sent in Step 3. 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



 Report No.:
 KSCR220900164701

 Page:
 32 of 48

7.4 CBSD Relinquishment Process

7.4.1 WINNF.FT.C.RLQ.1

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness UUT has successfully registered with SAS Test Harness, with cbsdld=C UUT has received a valid grant with grantId = G UUT is in Grant State AUTHORIZED and is actively transmitting within the bounds of its grant. Invoke trigger to relinquish UUT Grant from the SAS Test Harness 		
2	 UUT sends a Relinquishment Request message. Verify message contains all required parameters properly formatted, and specifically: cbsdld = C grantId = G 	∎ Pass	□ Fail
3	SAS Test Harness shall approve the request with a Relinquishment Response message with parameters: - cbsdld = C - grantId = G • responseCode = 0		
4	 After completion of step 3, SAS Test Harness will not provide any additional positive response (responseCode=0) to further request messages from the UUT 		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall stop RF transmission at any time between triggering the relinquishment and UUT sending the relinquishment request 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



 Report No.:
 KSCR220900164701

 Page:
 33 of 48

7.5 CBSD Deregistration Process

7.5.1 WINNF.FT.C.DRG.1

#	Test Execution Steps	Re	sults
1	 Ensure the following conditions are met for test entry: UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness UUT has successfully registered with SAS Test Harness, with cbsdld=C UUT has received a valid grant with grantId = G UUT is in Grant State AUTHORIZED and is actively transmitting within the bounds of its grant. Invoke trigger to deregister UUT from the SAS Test Harness 		
2	UUT sends a Relinquishment request and receives Relinquishment response with ● responseCode=0		
3	 UUT sends Deregistration Request to SAS Test Harness with cbsdld = C. 	∎ Pass	□ Fail
4	 SAS Test Harness shall approve the request with a Deregistration Response message with parameters: cbsdld = C responseCode = 0 		
5	 After completion of step 3, SAS Test Harness will not provide any additional positive response (responseCode=0) to further request messages from the UUT. 		
6	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 4 is complete. This is the end of the test. Verify: UUT stopped RF transmission at any time between triggering the deregistration and either A OR B occurs: UUT sending a Registration Request message, as this is not mandatory B. UUT sending a Deregistration Request message 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



Report No.: KSCR220900164701 Page: 34 of 48

7.6 CBSD Security Validation

7.6.1 WINNF.FT.C.SCS.1

#	Test Execution Steps	Res	sults
1	 UUT shall start CBSD-SAS communication with the security procedure The UUT shall establish a TLS handshake with the SAS Test Harness using configured certificate. Configure the SAS Test Harness to accept the security procedure and establish the connection 	∎ Pass	□ Fail
2	 Make sure that Mutual authentication happens between UUT and the SAS Test Harness. Make sure that UUT uses TLS v1.2 Make sure that cipher suites from one of the following is selected, TLS_RSA_WITH_AES_128_GCM_SHA256 TLS_RSA_WITH_AES_256_GCM_SHA384 TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA256 TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA384 TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA384 TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA384 	∎ Pass	□ Fail
3	 A successful registration is accomplished using one of the test cases described in section 6.1.4.1, depending on CBSD capability. UUT sends a registration request to the SAS Test Harness and the SAS Test Harness sends a Registration Response with responseCode = 0 and cbsdld. 	∎ Pass	□ Fail
4	Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail

7.6.2 WINNF.FT.C.SCS.2

#	Test Execution Steps	Res	sults
1	UUT shall start CBSD-SAS communication with the security procedures	∎ Pass	□ Fail
2	 Make sure that UUT uses TLS v1.2 for security establishment. Make sure UUT selects the correct cipher suite. UUT shall use CRL or OCSP to verify the validity of the server certificate. Make sure that Mutual authentication does not happen between UUT and the SAS Test Harness. 	Pass	Fail
3	• UUT may retry for the security procedure which shall fail.	∎ Pass	□ Fail
4	 SAS Test-Harness shall not receive any Registration request or any application data. 		
5	Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@csac.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



 Report No.:
 KSCR220900164701

 Page:
 35 of 48

7.6.3 WINNF.FT.C.SCS.3

#	Test Execution Steps	Results	
1	 UUT shall start CBSD-SAS communication with the security procedures 		
		Pass	Fail
2	 Make sure that UUT uses TLS v1.2 for security establishment. Make sure UUT selects the correct cipher suite. UUT shall use CRL or OCSP to verify the validity of the server certificate. Make sure that Mutual authentication does not happen between UUT and the SAS Test Harness. 	∎ Pass	□ Fail
3	• UUT may retry for the security procedure which shall fail.	∎ Pass	□ Fail
4	 SAS Test-Harness shall not receive any Registration request or any application data. 		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail

7.6.4 WINNF.FT.C.SCS.4

#	Test Execution Steps	Results	
1	UUT shall start CBSD-SAS communication with the security procedures		
		Pass	Fail
2	 Make sure that UUT uses TLS v1.2 for security establishment. Make sure UUT selects the correct cipher suite. UUT shall use CRL or OCSP to verify the validity of the server certificate Make sure that Mutual authentication does not happen between UUT and the SAS Test Harness. 	∎ Pass	□ Fail
3	• UUT may retry for the security procedure which shall fail.	∎ Pass	□ Fail
4	 SAS Test-Harness shall not receive any Registration request or any application data. 		
5	Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: • UUT shall not transmit RF	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



 Report No.:
 KSCR220900164701

 Page:
 36 of 48

7.6.5 WINNF.FT.C.SCS.5

#	Test Execution Steps	Results	
1	 UUT shall start CBSD-SAS communication with the security procedures 		
	· · · · · · · · · · · · · · · · · · ·	Pass	Fail
2	 Make sure that UUT uses TLS v1.2 for security establishment. Make sure UUT selects the correct cipher suite. UUT shall use CRL or OCSP to verify the validity of the server certificate Make sure that Mutual authentication does not happen between UUT and the SAS Test Harness. 	∎ Pass	□ Fail
3	• UUT may retry for the security procedure which shall fail.	∎ Pass	□ Fail
4	 SAS Test-Harness shall not receive any Registration request or any application data. 		
5	 Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is complete. This is the end of the test. Verify: UUT shall not transmit RF 	∎ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to te sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com



Report No.: KSCR220900164701 Page: 37 of 48

7.7 CBSD RF Power Measurement

7.7.1 WINNF.PT.C.HBT

#	Test Execution Steps	Res	sults
1	 Ensure the following conditions are met for test entry: UUT has successfully completed SAS Discovery and Authentication with the SAS Test Harness UUT has registered with the SAS, with CBSD ID = C UUT has a single valid grant G with parameters {lowFrequency = FL, highFrequency = FH, maxEirp = Pi}, with grant in AUTHORIZED state, and grantExpireTime set to a value far past the duration of this test case Note: in order for the UUT to request a grant with the parameters {lowFrequency, highFrequency, maxEirp), the SAS Test Harness may need to provide appropriate guidance in the availableChannel object of the spectrumInquiry response message, and the operationParam object of the grant response message. Alternately, the UUT vendor may provide the ability to set those parameters on the UUT so that the UUT will request a grant with those parameters 		
2	 UUT and SAS Test Harness perform a series of Heartbeat Request/Response cycles, which continues until the other test steps are complete. Messaging for each cycle is as follows: UUT sends Heartbeat Request, including: cbsdld = C grantId = G SAS Test Harness responds with Heartbeat Response, including: o cbsdld = C grantId = G transmitExpireTime = current UTC time + 200 seconds 	-	
3	 responseCode = 0 Tester performs power measurement on RF interface(s) of UUT, and verifies it complies with the maxEirp setting, Pi. The RF measurement method is out of scope of this document, but may include additional configuration of the UUT, as required, to fulfill the requirements of the power measurement method. Note: it may be required for the vendor to provide a method or configuration to bring the UUT to a mode which is required by the measurement methodology. Any such mode is vendor-specific and depends upon UUT behavior and the measurement methodology. 	■ Pass	□ Fail



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csc.com

No.10,Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国•江苏•昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



 Report No.:
 KSCR220900164701

 Page:
 38 of 48

RF measurement plot for Test Case:

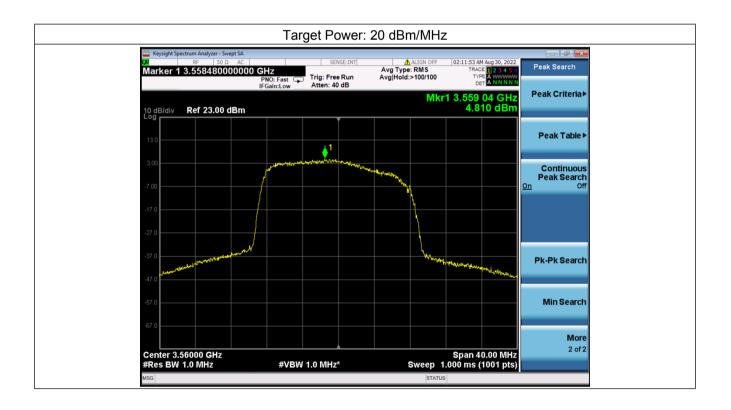
 Tester performs power measurement on RF interface(s) of UUT, and verifies it complies with the maxEirp setting, Pi. The RF measurement method is out of scope of this document, but may include additional configuration of the UUT, as required, to fulfill the requirements of the power measurement method.

Frequency (MHz)	Channel Bandwidth	Granted maxEIRP	Conducted PSE (dBm/MHz)		Antenna Gain	Directional Gain	Loss	maxEIRP
(10112)	(MHz)	(dBm/MHz)	Ant. 0	Ant. 1	(dBi)	(dB)	(dB)	(dBm/MHz)
3560	20	20	4.810	/	5.5	3.01	5	18.32
3560	20	15	-2.650	/	5.5	3.01	5	10.86
3560	20	10	-9.151	/	5.5	3.01	5	4.359

Note:

1.maxEIRP= Conducted PSD+ Antenna Gain+ Directional Gain+ Loss, Loss contains cables loss and Attenuator loss.

2. Directional Gain=10log(n), n=2 for this product





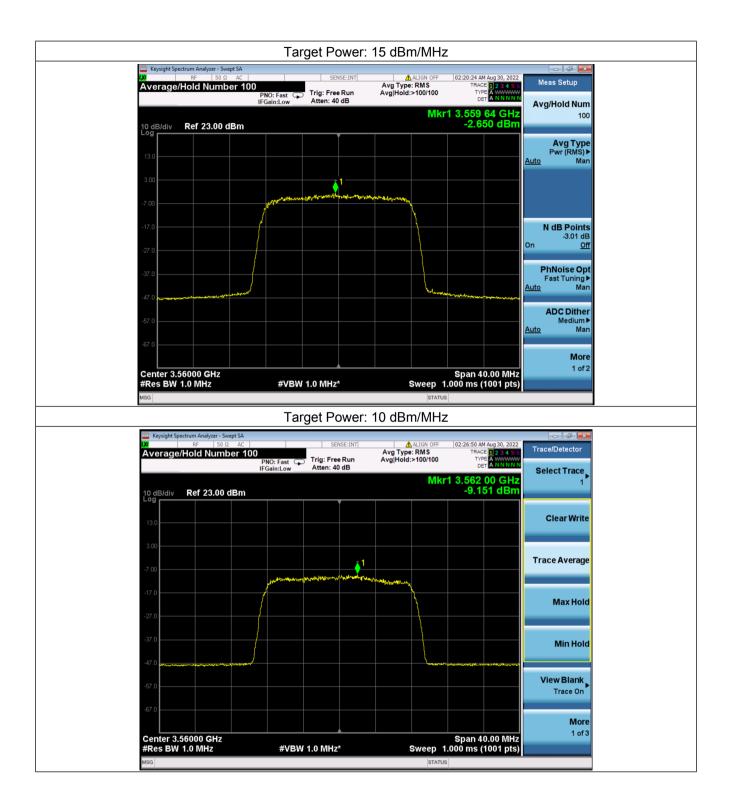
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@csac.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国•江苏•昆山市留学生创业园伟业路10号 邮编 215300



 Report No.:
 KSCR220900164701

 Page:
 39 of 48



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国•江苏•昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

(昆山)

检验检测专用章 spection & Testing Services

cation Services (Kuns

ation Servic

Com

FMCLabo



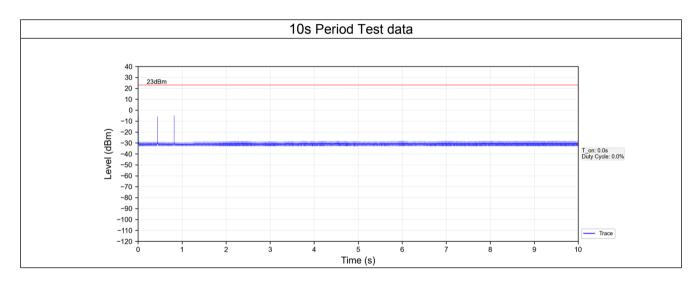
Page: 40 of 48

7.8 Duration and Duty Cycle

	Duration and	Duty Cycle	
Period	Minimum Time (s)	Limit (s)	Pass / Fail
10-second	0.001	1-second	Pass
300-second	0.025	10-second	Pass
3600-second	0.175	20-second	Pass

Note:

- 1. Limited in duration and duty cycle to the minimum time necessary to get a grant from the SAS. This time should not exceed 1 second within any 10-second period, 10seconds within any 300-second period, or 20 seconds within any 3600-second period.
- 2. Pass = Minimum Time < Limit



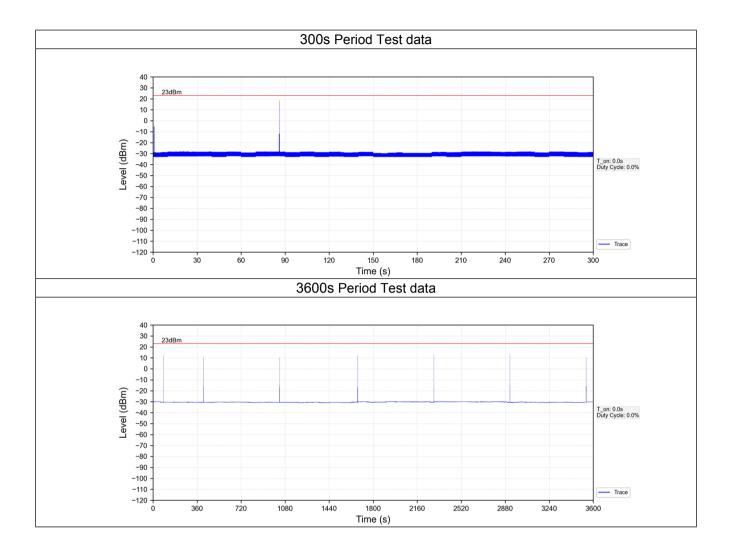


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitato Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or analis CN Doccheck.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国•江苏•昆山市留学生创业园伟业路10号 邮编 215300



Report No.: KSCR220900164701 Page: 41 of 48





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csc.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国•江苏•昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

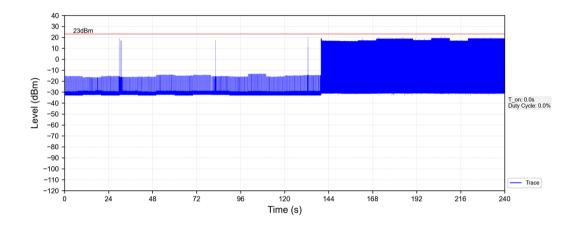


 Report No.:
 KSCR220900164701

 Page:
 42 of 48

7.9 Verify that the device will register with a SAS when operating below 23 dBm

Verified in test case WINNF.PT.C.HBT.1, the CPE-CBSD as UUT default EIRP is under 23 dBm and can register success with SAS. After granted, the CPE-CBSD UUT will adjust the EIRP by maxEirp.



Note:

- 1. Red color line in above plot represents the 23 dBm.
- 2. When Granted the product will transmit at power level above 23dBm.
- 3. Only when the product sends packets the product will work at max EIRP.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



Report No.: KSCR220900164701 Page: 43 of 48

8 Test Data Log

Test data log refer to log files (Log files appendix) except for securitytest cases which shows below.

8.1 WINNF.FT.C.SCS.1

tls					$X \rightarrow Y$
10		0	Providence for	P1	
	Time	Source	Destination	Protocol	Length Info 571 Client Hello
	87 51.709770 88 51.719254	192.168.24.102 192.168.24.103	192.168.24.103 192.168.24.102	TLSv1.2 TLSv1.2	3/1 Clent Hello 3449 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done
	92 51,989672	192.168.24.103	192.168.24.102	TCP	1514 36084 → 5000 [ACK] Seq=518 Ack=3396 Win=38016 Len=1460 [TCP segment of a reassembled PDU]
	93 51.989672	192.168.24.102	192.168.24.103	TLSv1.2	1514 Sobo4 9 Sobo [ACK] Sequent of a reassembled PDU]
	95 51.910142	192.168.24.102	192.168.24.103	TLSV1.2	392 Client Key Exchange, Certificate Verify, Change Cipher Spec, Encrypted Handshake Message
	96 51.914178	192.168.24.102	192.168.24.102	TLSv1.2	105 Change Cipher Spec, Encrypted Handshake Message
	98 51.939655	192.168.24.102	192.168.24.103	TLSv1.2	248 Application Data
	99 51.940176	192.168.24.103	192.168.24.102	TLSv1.2	108 Application Data
					ice\NPF_{80251832-D67B-4D3A-8151-977586750910}, id 0
			01:4e), Dst: Baicells_0c:ba:	1d (48:bf:74:0c:b	Ja:1d)
		on 4, Src: 192.168.24.103,			
			t Port: 36084, Seq: 1, Ack:	518, Len: 3395	
	nsport Layer Securit				
		: Handshake Protocol: Serv	/er Hello		
	Content Type: Har				
	Version: TLS 1.2	(0x0303)			
	Length: 89 V Handshake Protoco				
		e: Server Hello (2)			
	Length: 85	e. Server Herro (2)			
	Version: TLS :	1 2 (8×8383)			
			57076989b68bde7804ed35dc1912	a9a9a	
	Session ID Ler			0,000	
			465c355eda0045abc2f789a1d8a9	7473€c€10	
		TLS_ECDHE_RSA_WITH_AES_12		47510120	
		ethod: null (0)	0_001(_510250 (0x0021))		
	Extensions Ler				
		negotiation_info (len=1)			
		point formats (len=4)			
		ing: 771,49199,65281-11]			
		d4c50efb2e991652225a6f02b1	1		
	TLSv1.2 Record Layer	: Handshake Protocol: Cert	tificate		
	Content Type: Har				
	Version: TLS 1.2	(0x0303)			
	Length: 2907				
	Handshake Protoco	ol: Certificate			
		e: Certificate (11)			
	Handshake Type				
	Handshake Type Length: 2903				



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csos.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



Report No.: KSCR220900164701 Page: 44 of 48

8.2 WINNF.FT.C.SCS.2

▲ 正在捕获 文件(E)		跳转(G) 捕获(C) 分析((A) 统计(5) 电话(Y) 无线(W)) 工具(T) 帮助	カ(H)			- 0 ×
			4 🗐 🗐 🔍 🔍 🔍 💷					
http								+
No.	Time	Source	Destination	Protocol	Length Info			
	17 21.723161 19 21.747921	192.168.24.102 192.168.24.103	192.168.24.103 192.168.24.102	HTTP	147 GET /crlserver.crl HT 1132 HTTP/1.1 200 OK	FP/1.1		
<								
			ytes captured (9056 bits) on in :01:4e), Dst: Baicells_0c:ba:10		NPF_{B0251832-D67B-4D3A-8151-97	7586750910}, id 0		
		1 4, Src: 192.168.24.103		1 (48.01.74.00.0	a.1u)			
		tocol, Src Port: 80, Dst hts (1404 bytes): #18(32)	Port: 51588, Seq: 327, Ack: 94	1, Len: 1078				
	text Transfer Protoc		5), #19(10/8)]					
> Data	(1078 bytes)							
	100.1							
		ed TCP (1404 bytes)				1.04	44 ・ 己显示: 2 (4.5%)	1 x3 m
	HTTP Set Cookie (http.s	set_cookie), 59 byte(s)				分组:	44 • 己亟示: 2 (4.5%)	配置: Default

.8							\times
	Time	Source	Destination	Protocol	Length Info		
	114 119.672110	192.168.24.102	192.168.24.103	TLSv1.2	571 Client Hello		
	115 119.683210	192.168.24.103	192.168.24.102	TLSv1.2	3591 Server Hello	, Certificate, Server Key Exchange, Certificate Request, Server Hel	llo Done
	119 119.722099	192.168.24.102	192.168.24.103	TLSv1.2	61 Alert (Level	: Fatal, Description: Certificate Revoked)	
her	net II, Src: Realt		01:4e), Dst: Baicells_0c:ba:1			-403A-8151-977586750910}, id 0	
			t Port: 37792, Seq: 1, Ack: 5	518, Len: 3537			
	port Layer Securit	/ : Handshake Protocol: Serv	an Hallo				
	Content Type: Har		er Hello				
	Version: TLS 1.2						
	Length: 89	(0,0505)					
Ý		el: Server Hello 2: Server Hello (2)					
	Length: 85						
	Version: TLS						
			d3892e8b67df1323e8db50876dafb	00612			
	Session ID Le		f5e909f92795c13f104735899bc4f	dob cr +b 0			
		TLS_ECDHE_RSA_WITH_AES_12		08065002			
		sthod: null (0)	S_GCH_SHA250 (EXCEZI)				
	Extensions Le						
		negotiation_info (len=1)					
		point formats (len=4)					
	[JA3S Fullstr	ing: 771,49199,65281-11]					
	[JA3S: 303951	4c50efb2e991652225a6f02b1	1				
ΤL	Sv1.2 Record Layer	: Handshake Protocol: Cert	ificate				
	Content Type: Har						
	Version: TLS 1.2	(0x0303)					
	Length: 3049						
~	Handshake Protoco						
	Handshake Typ	e: Certificate (11)					
	Length: 3045						



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csc.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



 Report No.:
 KSCR220900164701

 Page:
 45 of 48

8.3 WINNF.FT.C.SCS.3

		🕹 📃 📃 ભ ભ ભ 阻				
						\times \rightarrow \cdot
Time	Source	Destination	Protocol	Length Info		
135 115.178839	192.168.24.102	192.168.24.103	TLSv1.2	571 Client Hello		
136 115.189372 140 115.248761	192.168.24.103 192.168.24.102	192.168.24.102 192.168.24.103	TLSv1.2 TLSv1.2		Certificate, Server Key Exchange, Certificate, Description: Certificate Expire	ne
ernet II, Src: Real ernet Protocol Vers	tekS_36:01:4e (00:e0:4c:36 ion 4, Src: 192.168.24.103	:01:4e), Dst: Baicells_0c:ba:	1d (48:bf:74:0c:b		-4D3A-8151-977586750910}, id 0	
ansport Layer Securi	ty					
Content Type: H	r: Handshake Protocol: Ser ndshake (22)	Ver Hello				
Version: TLS 1.2						
Length: 89						
Handshake Proto						
Length: 85	be: Server Hello (2)					
Version: TLS	1.2 (0x0303)					
> Random: 9440	78bde09a396f59f67b9538230d	a82e9142993fe7e492575c4433e05	dc9e3			
Session ID L						
		179b6b029fa5a796a88a4fbdd2ac0	2e6c3650d			
	: TLS_ECDHE_RSA_WITH_AES_1 Method: null (0)	28_GCM_SHA256 (0xc02+)				
Extensions L						
	enegotiation_info (len=1)					
	_point_formats (len=4)					
	ing: 771,49199,65281-11]					
	ld4c50efb2e991652225a6f02b r: Handshake Protocol: Cer					
	r: Handshake Protocol: Cer					
	r: Handshake Protocol: Mul					
48 bf 74 0c ba 1d 0	0 e0 4c 36 01 4e 08 00 45	00 H-t L6-NE-				



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csc.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



Compliance Certification Services (Kunshan) Inc.

Report No.: KSCR220900164701 Page: 46 of 48

8.4 WINNF.FT.C.SCS.4

Wite: 税限() 税扱() 施林() 施林() 施林() 税林() 統计() 税抗() 税抗() 税抗() 税抗() 税抗() 税抗() 税抗() 税抗) 统计(<u>S</u>) 电话(<u>Y</u>) 无线(<u>W</u>)	工具(1) 希助(1	ע	
		10 9 ↔ ⇔ ≅ 7 3	l 🗐 🔍 Q Q 🖩			
		0	Provide and an	Protocol	Treat T.A.	X -
		192.168.24.102			571 Client Hello	
	17 20.441925				3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done	
	21 20.478583			TLSv1.2	61 Alert (Level: Fatal, Description: Unknown CA)	
49 92.348.4.342 92.348.4.342 92.348.4.342 10.3 8.4447 (10.45 / 10.85 / 10.45 / 10.	43 35.848558	192.168.24.102		TLSv1.2	571 Client Hello	
17 JANN BURN AN ANY LINE BURN CHEMICAL CHEMICAN					3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done	
<pre>Mtt IJ, Eon Saladad, JRB (de (Weiska), Statik JRB (de (Weiska), Statik JRB (de Weiska), Statik JR</pre>	48 35.898430	192.168.24.102	192.168.24.103	TLSV1.2	61 Alert (Level: Fatal, Description: Unknown CA)	
determine the second of the se	rnet II, Src: Realt	tekS_36:01:4e (00:e0:4c:36:0	1:4e), Dst: Baicells_0c:ba:1d	interface \Device (48:bf:74:0c:ba:	NPF_{88251832-0678-403A-8151-977586758910}, id 0 (d)	
<pre>bit.l dec type: tunchas your type: tunch: """"""""""""""""""""""""""""""""""""</pre>	smission Control Pr	rotocol, Src Port: 5000, Dst	Port: 39112, Seq: 1, Ack: 51	8, Len: 3404		
Content provi number of the second water of th			ar Hello			
Martin III (MONNE) Weine III Weine IIII Weine IIII Weine IIII Weine IIIII Weine IIII Weine IIIII Weine IIIIIII Weine IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Content Type: Ha	ndshake (22)				
<pre>'endback rotes: is rure wild; file; f</pre>	Version: TLS 1.2	(0x0303)				
<pre>beddet Typ: sever #10 () beddet Typ: seve</pre>						
<pre>Wint Tit J. 1 (0000) Wint Tit J. 1 (00</pre>	Handshake Typ	be: Server Hello (2)				
<pre> the state sta</pre>		/				
<pre>setup 1 2 und 1 2 und 1 2 und 2</pre>	Version: TLS	1.2 (0x0303)				
<pre>status 1: semical Control Control</pre>			33te392ee34a70adcabt9b73adta8	051		
class function for the function of the functi	Session ID Le	ingth: 32		c		
<pre>cuprement when the first in (1) first is the first in (1) first is the first in (1) first is the first in (1) first in (1) fir</pre>	Cinher Suite	TIS ECOME RSA WITH ARS 120	GCM SHA256 (0vc02f)	6070034		
<pre>Ententia tege:: 11 intentia tege:: 21 intentia tege:: 21 i</pre>	Compression N	Method: null (0)				
<pre> 1 Status: respirateLangue for (langue for the second status is a second status is a</pre>	Extensions Le	ength: 13				
<pre> Section: experiments (second) Section: experiments (second) Section: experiments (second) Section: experiments (second) Section: experiments Section: experiments</pre>	> Extension: re	enegotiation_info (len=1)				
<pre>[13.5 Distribution: 77.6989.6320-11] [13.5 Distribution: 77.6989.6320-11] [13.5 Distribution: 77.6989.6320-11] [13.5 Distribution: 75.6989.6320-11] [13.5 Distribution: 75.698.6320-11] [13.5 Distributio</pre>	> Extension: ec	_point_formats (len=4)				
<pre>[Data Security Provide Security S</pre>	[JA3S Fullstr	ing: 771,49199,65281-11]				
teret tip::ketabake (20) tim::tip::ketabake (20) tim::tip::ketabake (20) tim::tip::teret(tip::ketabake (20) teret(tip::ketabake (20)) teret(tip::ketabake (20)) teret(tip::ketab						
Writing: 10:1:10:10:10:10:10:10:10:10:10:10:10:10			ificate			
<pre>leg.ts 25 miles for the first for the f</pre>	Content Type: Ha	ndshake (22)				
<pre>* Madda Protocol: Certificite; in with an example of the second with the second with a second w</pre>	Version: TLS 1.2	(0x0303)				
<pre>BitLast : just: cutture:</pre>	Length: 2910	al: Contificato				
<pre>training control control</pre>						
28 22 24 04 05 04 05 05 0(1) (1)						
Read later variation (11 arrowski), 2 thanking,	Cantificator	length: 2000				
Read later variation (11 arrowski), 2 thanking,						
11.3月						ll w
Remit Remit Remit Remit Remit Rem	Record layer version	(tis.record.version), 2 byte(s)				BC
Ime Bearce Destination Pretool Length Enfo 13 80.44595 192.168.24.102 192.162.24.103 TLSV1.2 572 Clarm Holo, Cartificate, Server Kay Exchange, Cartificate Request, Server Hello Done 21 28.478555 192.168.24.102 192.168.24.103 TLSV1.2 64 [Alert (Level: Fatal, Description: Unknown CA) * 21: 61 bytes on wire (488 bits), 61 bytes captured (488 bits) on interface (Device/WFF_(60251832-0678-40A-8151-97756676930), id 0 **** The: Inscalls_classified (diver:74x:classif), DEV: Reale(S_36:812-0678-40A-8151-97756676930), id 0 **** The Trip Server (diver: 2000) #*** The Server (diver: 2000) #***** The Server (diver: 2000)		跳转(G) 捕获(C) 分析(A) 统计(<u>5</u>) 电话(<u>Y</u>) 无线(<u>W</u>)	工具(工) 帮助(上	Ð	-
1 Im Borrer Derine in Portron in Lingth Info 1 5 83 - 2588 192 : 168 - 34.102	🧶 🔘 📄 🗎 🗙		k 🗐 🖲 Q Q Q 🖩			
16 30.28886 192.168.24.103 192.168.24.103 T.5.1.2 155 Server Hello 107 Client Helo 107 Client						
17 30.443925 192.168.24.103 192.168.24.102 TLSVL.2 3458 Server Hello, certificate, Server Key Exchange, Certificate Request, Server Hello One 21 20.478553 192.168.24.102 192.168.24.103 TLSVL.2 61 [Alert (Level: Fatal, Description: Uknnown CA) * 21: 51 bytes on wire (488 bits), 61 bytes captured (488 bits) on interface Verice/VPF_(80251832-0678-403A-8151-977586759910), id 9 met Frotcol Version 4, Src: 192.168.24.103, Dst: RealtekS_Disleite (Mexed-4c:136-911-46) met Frotcol Version 4, Src: 192.168.24.103, Dst: 192.168.24.103 maission Control Protocol, Ser Port: S192, Dst: S19, Act: 1948, Len: 7 mort Level: Fatal (Dst: 192.168.24.103) bescription: Unknown CA (48)						
2 21: 61 bytes on vire (488 bits), 61 bytes captured (488 bits) on interface \Device\WPF_(B0251832-0678-403A-8151-977586759910}, id 0 met Protocol Version 4, Src: 192.168.24.102, Dat Port: Bealtekt_36:01:4e (00:00:46:36:01:4e) met protocol Version 4, Src: 192.168.24.102, Dat Port: 5080, Seq: 518, Ack: 3405, Len: 7 sport Layer Scourity Souri Type: Alert (12) Version: T5.1 c (0ex089) Length: 2 Alert Mesage Level: Fatal (2) Description: Unknown CA (48)						
<pre>met TJ, Src: Baicells_Gicharid (48:bf:74:0c:baild, DK: Realtek5_36:81:4e(0):restroke:36:01:4e) mmdssion Control Protocol, Src Port: 3912, Dst Port: 5000, Sec: 518, Ack: 1405, Len: 7 port Layer Security Lsv1.2 Record Layer: Alert (Level: Fatal, Description: Unknown CA) Content Type: Alert (Layer: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Level: Fatal (2) Description: Unknown CA (48)</pre>	16 20.428689 17 20.441925	192.168.24.102 192.168.24.103	192.168.24.103 192.168.24.102	TLSv1.2 TLSv1.2	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done	
<pre>met TJ, Src: Baicells_Gicharid (48:bf:74:0c:baild, DK: Realtek5_36:81:4e(0):restroke:36:01:4e) mmdssion Control Protocol, Src Port: 3912, Dst Port: 5000, Sec: 518, Ack: 1405, Len: 7 port Layer Security Lsv1.2 Record Layer: Alert (Level: Fatal, Description: Unknown CA) Content Type: Alert (Layer: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Level: Fatal (2) Description: Unknown CA (48)</pre>	16 20.428689 17 20.441925	192.168.24.102 192.168.24.103	192.168.24.103 192.168.24.102	TLSv1.2 TLSv1.2	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done	
<pre>met TJ, Src: Baicells_Gicharid (48:bf:74:0c:baild, DK: Realtek5_36:81:4e(0):restroke:36:01:4e) mmdssion Control Protocol, Src Port: 3912, Dst Port: 5000, Sec: 518, Ack: 1405, Len: 7 port Layer Security Lsv1.2 Record Layer: Alert (Level: Fatal, Description: Unknown CA) Content Type: Alert (Layer: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Level: Fatal (2) Description: Unknown CA (48)</pre>	16 20.428689 17 20.441925	192.168.24.102 192.168.24.103	192.168.24.103 192.168.24.102	TLSv1.2 TLSv1.2	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done	
<pre>met TJ, Src: Baicells_Gicharid (48:bf:74:0c:baild, DK: Realtek5_36:81:4e(0):restroke:36:01:4e) mmdssion Control Protocol, Src Port: 3912, Dst Port: 5000, Sec: 518, Ack: 1405, Len: 7 port Layer Security Lsv1.2 Record Layer: Alert (Level: Fatal, Description: Unknown CA) Content Type: Alert (Layer: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Level: Fatal (2) Description: Unknown CA (48)</pre>	16 20.428689 17 20.441925	192.168.24.102 192.168.24.103	192.168.24.103 192.168.24.102	TLSv1.2 TLSv1.2	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done	
<pre>met TJ, Src: Baicells_Gicharid (48:bf:74:0c:baild, DK: Realtek5_36:81:4e(0):restroke:36:01:4e) mmdssion Control Protocol, Src Port: 3912, Dst Port: 5000, Sec: 518, Ack: 1405, Len: 7 port Layer Security Lsv1.2 Record Layer: Alert (Level: Fatal, Description: Unknown CA) Content Type: Alert (Layer: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Level: Fatal (2) Description: Unknown CA (48)</pre>	16 20.428689 17 20.441925	192.168.24.102 192.168.24.103	192.168.24.103 192.168.24.102	TLSv1.2 TLSv1.2	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done	
<pre>met TJ, Src: Baicells_Gicharid (48:bf:74:0c:baild, DK: Realtek5_36:81:4e(0):restroke:36:01:4e) mmdssion Control Protocol, Src Port: 3912, Dst Port: 5000, Sec: 518, Ack: 1405, Len: 7 port Layer Security Lsv1.2 Record Layer: Alert (Level: Fatal, Description: Unknown CA) Content Type: Alert (Layer: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Level: Fatal (2) Description: Unknown CA (48)</pre>	16 20.428689 17 20.441925	192.168.24.102 192.168.24.103	192.168.24.103 192.168.24.102	TLSv1.2 TLSv1.2	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done	
<pre>met TJ, Src: Baicells_Gicharid (48:bf:74:0c:baild, DK: Realtek5_36:81:4e(0):restroke:36:01:4e) mmdssion Control Protocol, Src Port: 3912, Dst Port: 5000, Sec: 518, Ack: 1405, Len: 7 port Layer Security Lsv1.2 Record Layer: Alert (Level: Fatal, Description: Unknown CA) Content Type: Alert (Layer: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Content Type: Alert (Layer): Fatal, Description: Unknown CA) Level: Fatal (2) Description: Unknown CA (48)</pre>	16 20.428689 17 20.441925	192.168.24.102 192.168.24.103	192.168.24.103 192.168.24.102	TLSv1.2 TLSv1.2	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done	
<pre>met Protocol Version 4, Src: 192.468.20.80, Dit 192.468.20.80, Sec: 518, Ack: 3485, Len: 7 isport Layer Security isport Layer: Alert (Level: Fatal, Description: Unknown GA) Content Type: Alert (12) Version: TCS 1.2 (0ex0109) Length: 2 Alert Message Level: Fatal (2) Description: Unknown GA (48) </pre>	16 20.428689 17 20.441925 21 20.478583	192.168.24.102 192.168.24.103 192.168.24.102	192.168.24.103 192.168.24.102 192.168.24.103	TLSv1.2 TLSv1.2 TLSv1.2	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 [Alert (Level: Fatal, Description: Unknown CA)	
miaisión Control Protocol, Src Port: 1912, Dit Port: 5000, Sec: 518, Ack: 3405, Len: 7 Source Type: Alert (Level: Fatal, Description: Unknown CA) Content Type: Alert (Lavel: Fatal, Description: Unknown CA) Level: Fatal (2) Description: Unknown CA (48) # det de de bf 74 ec ba 1d 08 00 45 00L6.MH tE.	16 20.428689 17 20.441925 21 20.478583 e 21: 61 bytes on w	192.168.24.102 192.168.24.103 192.168.24.103	192.168.24.103 192.168.24.102 192.168.24.103	TLSv1.2 TLSv1.2 TLSv1.2 e \Device\NPF_{80	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
port Layer Security (Sul: Record Layer: Alert (Level: Fatal, Description: Unknown CA) Content Type: Alert (Level: Fatal) Length: 2 Alert Message Level: Fatal (2) Description: Unknown CA (48) # 08 4c 36 81 4e 48 bf 74 8c ba 1d 88 80 45 80E-	16 20.428689 17 20.441925 21 20.478583 e 21: 61 bytes on w rnet II, Src: Baice	192.168.24.102 192.168.24.103 192.168.24.102 4/102 (488 bits), 61 bytes ct	192.168_24.183 192.168_24.182 192.168_24.183 192.168_24.183 192.168_24.183	TLSv1.2 TLSv1.2 TLSv1.2 e \Device\NPF_{80	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
<pre>tsul.2 Record Layer: Alter (Level: Fatal, Description: Unknown CA) Content type: Alter (Layer: Alter (Layer:</pre>	16 20.428689 17 20.441925 21 20.478583 e 21: 61 bytes on k rnet II, Src: Baice rnet Frotocol Versi	192.168,24.102 192.168,24.103 192.168,24.102 192.168,24.102 vire (488 bits), 61 bytes co 11s_0c:ba:1d (48:05/74:0c:1 0n 4, 5rc: 192.168.24.102	192.168.24.183 192.168.24.182 192.168.24.183 192.168.24.183 ptured (488 bits) on interfac e:10), Dst: Realtek5_56:01.46 Dst: 192.168.24.183	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
Content Type: Alert (21) Version: TS. 21 (200809) Length: 2 Alert Message Level: Fatal (2) Description: Unknown CA (48)	16 20.428689 17 20.441925 21 20.478583 e 21: 61 bytes on w rnet II, Src: Baice rnet Protocol Versi mission Control Pr	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 vire (488 bits), 61 bytes c 1915_9c:ba:1d (48:0F:74:0c:1 100 4, 5rc: 192.168.24.102, otocol, 5rc Port: 3912, DP	192.168.24.183 192.168.24.182 192.168.24.183 192.168.24.183 ptured (488 bits) on interfac e:10), Dst: Realtek5_56:01.46 Dst: 192.168.24.183	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
Versim: TLS 1.2 (0x8080) Length: 2 Alert Hessage Level: Fatal (2) Description: Unknown CA (48)	16 20.428689 17 20.441925 21 20.478583 e 21: 61 bytes on k rnet II, Src: Baice rnet Protocol Versi smission Control Pr sport Layer Securit	192.168.24.192 192.168.24.193 192.165.24.192 192.165.24.192 192.165.24.192	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 50069, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
Length: 2 Alert Messge Level: Fatal (2) Description: Unknown CA (48) 0 e0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00L6-NH tE.	16 20.428689 17 20.441925 21 20.478583 e 21: 61 bytes on k rnet II, Src: Baice rnet Protocol Versi smission Control Pr sport Layer Securit ISv1.2 Record Layer	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 50069, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
<pre>A let Hessage</pre>	16 20.428689 17 20.41935 21 20.478583 21 20.478583 e 21: 61 bytes on k rnet II, Src: Baico rnet Protocol Versi smission Control Pr Sport Layer Securit ISV1.2 Record Layer Content Type: Al	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.192	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
Level: Fatal (2) Description: Unknown CA (48)	16 20.42869 17 20.441925 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 20.478583 20.478583 20.478583 20.478583 20.47858 20.47758 20.47858 20.47858 20.47858 20.47858 20.47858 20.47858	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.192	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
Description: Unknown CA (48)	16 20.42669 17 20.441025 21 20.478583 21 20.47858 21 20.47858 20	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.192	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
9 e9 4c 36 91 4e 48 bf 74 9c ba 1d 88 99 45 99L6-NH- tE-	16 20.42669 17 20.44205 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.47858 21 20.478588 21 20.478588	192.168.24.102 192.168.24.103 192.168.24.103 192.168.24.102	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
9 0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00L6-1M- tE-	16 28.428689 21 28.442925 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478584 21 28.428584 22 28.428584 23 28.428584 24 28.428584 24 28.428584 24 28.428584 25 28.428584 26 28.428584 26 28.428584 27 28.428584 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.4285444 28 28 28 28.428544 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444444444444444444444444444444444	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
e0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 001.6-104. t€.	16 28.428689 21 28.442925 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478584 21 28.428584 22 28.428584 23 28.428584 24 28.428584 24 28.428584 24 28.428584 25 28.428584 26 28.428584 26 28.428584 27 28.428584 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.4285444 28 28 28 28.428544 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444444444444444444444444444444444	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
90 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00L6-1M1 tE-	16 28.428689 21 28.442925 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478584 21 28.428584 22 28.428584 23 28.428584 24 28.428584 24 28.428584 24 28.428584 25 28.428584 26 28.428584 26 28.428584 27 28.428584 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.4285444 28 28 28 28.428544 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444444444444444444444444444444444	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
e0 4c 36 01 4e 48 bf 74 oc ba 1d 08 00 45 0016-104: t€-	16 28.428689 21 28.442925 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478584 21 28.428584 22 28.428584 23 28.428584 24 28.428584 24 28.428584 24 28.428584 25 28.428584 26 28.428584 26 28.428584 27 28.428584 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.4285444 28 28 28 28.428544 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444444444444444444444444444444444	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
9 0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00L6 1M1 t€.	16 28.428689 21 28.442925 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478584 21 28.428584 22 28.428584 23 28.428584 24 28.428584 24 28.428584 24 28.428584 25 28.428584 26 28.428584 26 28.428584 27 28.428584 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.4285444 28 28 28 28.428544 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444444444444444444444444444444444	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
e0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 0016-104. t€-	16 28.428689 21 28.442925 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478584 21 28.428584 22 28.428584 23 28.428584 24 28.428584 24 28.428584 24 28.428584 25 28.428584 26 28.428584 26 28.428584 27 28.428584 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.4285444 28 28 28 28.428544 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444444444444444444444444444444444	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
9 0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00L6 1M1 tE.	16 28.428689 21 28.442925 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478584 21 28.428584 22 28.428584 23 28.428584 24 28.428584 24 28.428584 24 28.428584 25 28.428584 26 28.428584 26 28.428584 27 28.428584 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.4285444 28 28 28 28.428544 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444444444444444444444444444444444	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
1 e0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00 ···L6 1M· t·····E-	16 28.428689 21 28.442925 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478584 21 28.428584 22 28.428584 23 28.428584 24 28.428584 24 28.428584 24 28.428584 25 28.428584 26 28.428584 26 28.428584 27 28.428584 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.4285444 28 28 28 28.428544 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444444444444444444444444444444444	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
9 0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00L6 1M1 t€.	16 28.428689 21 28.442925 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478584 21 28.428584 22 28.428584 23 28.428584 24 28.428584 24 28.428584 24 28.428584 25 28.428584 26 28.428584 26 28.428584 27 28.428584 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.4285444 28 28 28 28.428544 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444444444444444444444444444444444	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
1 e0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00 ···L6 1M· t·····E-	16 28.428689 21 28.442925 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478584 21 28.428584 22 28.428584 23 28.428584 24 28.428584 24 28.428584 24 28.428584 25 28.428584 26 28.428584 26 28.428584 27 28.428584 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.4285444 28 28 28 28.428544 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444444444444444444444444444444444	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
1 e0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00L6 1M1 t€.	16 28.428689 21 28.442925 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478583 21 28.478584 21 28.428584 22 28.428584 23 28.428584 24 28.428584 24 28.428584 24 28.428584 25 28.428584 26 28.428584 26 28.428584 27 28.428584 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.428544 28 28 28.4285444 28 28 28 28.428544 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444 28 28 28 28.4285444444444444444444444444444444444	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
1 e0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00 ···L6 1NH t·····E-	16 20.428689 17 20.44205 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 22 20.478584 20 20.478584 20 20.428584 20 20.42858585 20 20.428584 20 20.428584 20 20.428584 20 20.428584 2	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
1 e0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00L6 1M1 tE.	16 20.428689 17 20.44205 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 22 20.478584 20 20.478584 20 20.428584 20 20.42858585 20 20.428584 20 20.428584 20 20.428584 20 20.428584 2	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
9 e0 4c 36 01 4e 48 bf 74 ec ba 1d 08 00 45 0016-1NH tE-	16 20.428689 17 20.44205 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 22 20.478584 20 20.478584 20 20.428584 20 20.42858585 20 20.428584 20 20.428584 20 20.428584 20 20.428584 2	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
1 e0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00 ···L6 1M· t·····E-	16 20.428689 17 20.44205 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 22 20.478584 20 20.478584 20 20.428584 20 20.42858585 20 20.428584 20 20.428584 20 20.428584 20 20.428584 2	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
1 e0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00 ···L6-NH· t·····E·	16 20.428689 17 20.44205 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 22 20.478584 20 20.478584 20 20.428584 20 20.42858585 20 20.428584 20 20.428584 20 20.428584 20 20.428584 2	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
) e0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00 ···L6 10H t·····E-	16 20.428689 17 20.44205 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 22 20.478584 20 20.478584 20 20.428584 20 20.42858585 20 20.428584 20 20.428584 20 20.428584 20 20.428584 2	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
te0 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00L6-NH t·····E-	16 20.428689 17 20.44205 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 21 20.478583 22 20.478584 20 20.478584 20 20.428584 20 20.42858585 20 20.428584 20 20.428584 20 20.428584 20 20.428584 2	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
9 e8 4c 36 01 4e 48 bf 74 0c ba 1d 08 00 45 00 ···L6·NH· t·····E·	16 20.428689 17 20.442055 21 20.478583 21 20.478583 e 21: 61 byte: on u enet 11, 5rc: Baic. mits Portocol Versi smission control Py sport Layer Securit 154.2 Record Layer Content Type: Al Version: TL5 1.2 Content Type: Al Version: TL5 1.2 Content Type: Al	192.168.24.192 192.168.24.193 192.168.24.193 192.168.24.192 192.168.24.192 192.168.24.192 192.101, 51 bytes cc 115.gc.101, 51 bytes cc 115	192.166.24.183 192.166.24.182 192.166.24.183 192.166.24.183 nptured (488 bits) on interfac a:10), pot: Realek5_36:01.46 pot: 192.165.24.183 t Port: 5006, Seq: 518, Ack:	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	
	16 20.426689 17 20.41325 21 20.479583 21 20.479583 21 20.479583 21 20.479583 21 20.479583 22 20.479583 20.479583 20.479583 20.479583 20.479583 20.479583 20.42958	192.168.24.192 192.168.24.193 192.168.24.192	192.166.24.183 192.166.24.183 192.166.24.183 192.166.24.183 192.166.24.183 192.105.10 pt: Reale(5.26.91.4 001: 192.182.24.183 tt Port: 5000, Seq: 518, Ack: cription: Unknown CA)	TLSv1.2 TLSv1.2 TLSv1.2 TLSv1.2 (00:e0:4c:36:01:4	571 Client Hello 3458 Server Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 61 Alert (Level: Fatal, Description: Unknown CA) 251822-0578-403A-8151-977586758910}, id 0	



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csc.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300 t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



 Report No.:
 KSCR220900164701

 Page:
 47 of 48

8.5 WINNF.FT.C.SCS.5

The Source Destination Protocol Langth Ends 20 9.458241 132.166.24.103 192.1		1 🖸 I 🎙 🗢 🗢 🔛 🕆 🤉	୬ 📃 📃 ୧ ୧ ୧ ፻					
29 9.64341 192.168.24.182 192.168.24.183 Tts/1.2 577 clines Hello 21 9.64594 192.168.24.182 192.168.24.183 Tts/1.2 3440 [snower Hello, Certificate, Server Key Exchange, Certificate Request, Server Hello Done 25 9.684228 192.168.24.182 192.168.24.183 Tts/1.2 41 Alert (Level: Fatal, Description: Decrypt Error) met 21: 3446 bytes on wire (27592 bits), M49 bytes captured (27592 bits) on interface \Device\WPF_(00251832-0678-403A-8151-977500750910), id 0 met 71: 50:: Realted, 53.611.40, Dot: Bsicells, Activation (48:bf:74:0c:ba:1d) met 71: 50:: Realted, 53.611.40, Dot: Bsicells, Activation (48:bf:74:0c:ba:1d) met 71: 50:: Realted, 53.011.00, Interface \Device\WPF_(00251832-0678-403A-8151-977509780750910), id 0 met 71: 50:: Realted, 53.011.00, Interface \Device\WPF_(00251832-0678-403A-8151-977500750910), id 0 met 71: 50:: Realted, 53.011.00, Interface \Device\WPF_(00251832-0678-403A-8151-97750750910), id 0 met 71: 50:: Realted, 53.011.00, Interface \Device\WPF_(00251832-0678-403A-8151-97750750910), id 0 met 71: 50:: Realted, 53.011.00, Interface \Device\WPF_(00251822-0678-403A-8151-97750910), id 0 met 70: Tool Vistoria (70:50: Rev: Hello Content 7pe: Madshake Potocol: Server Hello Madshake Potococi: Server Hello <td co<="" th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>\times</th></td>	<th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>\times</th>							\times
21 9.648024 192.168.24.183 192.168.		Source	Destination	Protocol				
25 9.684228 192.186.24.102 192.186.24.103 TLSv1.2 61 Alert (Level: Fatal, Description: Decrypt Error) ee 21: 3449 bytes on wire (27592 bits), 3449 bytes captured (27592 bits) on interface \Decrypt (evel:e \WF(80231832-0678-4034-8151-977580759938), id 0 erret TI, Src: Realted_Safe144 (00:00:44:36:00:144), Dct: Baicolls, dc:baid (48:bf:74:0c:baid) 0 mert Trotol, Various A, Src: 20:183, Alago 1 0 westsion Ontrol Protocol, Src Port: 5080, Dat Port: 38844, Seq: 1, Ack: 518, Len: 3395 0 synchaske Protocol: Server Hello 0 Handbake Protocol: Server Hello 0 Session ID: 158005215674638075164752817c1091771d308c1997deff9306 0 Session ID: 1580052156746380471109578776588435446993d2cca459083fc32a127 0 Cipher Subter: TS_COCE_RGC_MCSUBER (Decode936) 0 Session ID: 158005215674638047110957877688435446993d2cca459083fc32a127 0 Cipher Subter: TS_COCE_RGC_MCSUBER (Decode9								
<pre>e 21: 3449 bytes on wire (27592 bits), 3449 bytes captured (27592 bits) on interface \Device\WPF_(80251832-D678-403A-8151-977586750910), id 0 rnet TI, Src: Realteks_Biellite (00:e0:e1:36:146), DEX: Baicellie_0c:baild (48:b7:7A:0c:baild) rnet TI, Src: Realteks_Biellite (00:e0:e1:36:146), DEX: Baicellie_0c:baild (48:b7:7A:0c:baild) rnet TV tool Usy 20:18.2A:189, DEX: 192.186.2A:180 restored to the second seco</pre>							ver Hello Done	
<pre>rmet TI, Src: RealtedS_36:01:4e (00:ed:4:2:36:01:4e), Dot: Baicells_0::baid (41:bf:74:00::baid) rmet Protocol.ysc: DorT: S000, Dot Port: 38844, Seq: 1, Ack: S18, Len: 3395 sport Layer: Security TLSVL.2 Record Layer: Handshake Protocol: Server Hello Content Type: Handshake Protocol: Server Hello Handshake Protocol: Server Hello Handshake Protocol: Server Hello Session 10: ISS006230623160512457514752817.109177130841597deff0306 Session 10: ISS006230623160512457514752817.109177130841597deff0306 Session 10: ISS0062316651245745810F11976758843544f6093ddcca450083fc32a127 Claper Subtr TI, SCCCM_RAJ, MTL, ASL_1& CCCA450083fc32a127 Claper Subtr TI, SCCM_RAJ, CCM_RAJ, MTL, ASL_1& CCCA450083fc32a127 Claper Subtr TI, SCCM_RAJ, CCM_RAJ, MTL, ASL_1& CCCA450083fc32a127 Claper Subtr TI, SCCM_RAJ, CCM_RAJ, MTL, ASL_1</pre>	25 9.684228	192.108.24.102	192.108.24.103	11501.2	OI ALEFT (LEVEL	: Fatal, Description: Decrypt Error)		
<pre>sport Layer Security TSV1.2 Record Layer: Handshake Potocol: Server Hello Content Type: Handshake (22) Version: TS.1 2 (0x8938) Length: 89</pre>	rnet II, Src: Realt	ekS_36:01:4e (00:e0:4c:36:	01:4e), Dst: Baicells_0c:ba:1			403A-8151-977586750910}, id 0		
<pre>LSu1.2 Record Layer: Handshake Protocol: Server Hello Content Type: Handshake Protocol: Server Hello Handshake Protocol: Certificate Handshake Protocol: Certificate Handshake Protocol: Certificate Handshake Protocol: Certificate Handshake Protocol: Certificate Handshake Protocol: Certificate Handshake Protocol: Certificate</pre>			t Port: 38844, Seq: 1, Ack: 5	518, Len: 3395				
<pre>Content Type: Handshake (22) Version: 15.12 (0x9303) Length: 80 Handshake Protocol: Server Hello Handshake Protocol: Server Hello (2) Length: 85 Version: 15.12 (0x9303) 0 Random: Cerv230506 Carded 5751745752817C10917710308e11997deff03d96 Session TD Length: 32 Session TD Length: 32 Session TD Length: 32 Session TD Length: 32 D Stentsfor: renegotiation_info (lens1) Extension: renegotiation_info (lens1) 0 Extension: renegotiation_info (lens1) 0 Extension_info (lens1) 0 Extension</pre>								
Contificates Length: 2000	 Handshake Protoc Handshake Tyr Length: 85 Version: TLS Random: deb2; Session TD: L Session TD: L Cipher Suite: Capression H Extension: te J Extension: te	<pre>ie: Server Hello (2) 1.2 (0x9303) 202606220505121065751447 ngth: 32 Stobbc512567474811647119765 TL5_ECOME_R5A_UTH_A55_12 tethods: null optimized tethods: null optimized</pre>	7877e58843544f6993d2cca459083 8_GCM_SH4256 (0xc02f)]					



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forger or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@csc.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国・江苏・昆山市留学生创业园伟业路10号 邮编 215300



Report No.: KSCR220900164701 Page: 48 of 48

9 Photographs

9.1 EUT Constructional Details (EUT Photos)

Please Refer to external and internal photos for details.

- End of the Report -



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limitation clients" is to its Cilent's and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the sample(s) lested and such sample(s) are retained for 30 days only. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN Doccheck@aspx.com

No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300 中国•江苏•昆山市留学生创业园伟业路10号 邮编 215300