



# WINNF-TS-0122 Test Report

FCC ID	:	PKRISGFW3000
Equipment	:	Outdoor Fixed CPE
Brand Name	:	Inseego
Model Name	:	FW3000
Marketing Name	:	FW3000
Applicant	:	Inseego Corp.
		9710 Scranton Road Suite 200, San Diego, CA 92121
Manufacturer	:	Inseego Corp.
		9710 Scranton Road Suite 200, San Diego, CA 92121
Standard	:	WINNF-TS-0122 Version V1.0.2
RF Interface	:	LTE B48

The product was received on Jul. 24, 2023 and testing was performed from Oct. 07, 2023 to Oct. 13, 2023. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures given in WINNF-TS-0122 Version V1.0.2 and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.

Approved by: Jones Tsai

Sporton International Inc. Wensan Laboratory No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

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# History of this test report

Report No.	Version	Description	Issue Date
FG320711E	01	Initial issue of report	Oct. 19, 2023
FG320711E	02	Revise typo This report is an updated version, replacing the report issued on Oct. 19, 2023.	Oct. 20, 2023

#### Conformity Assessment Condition:

The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of noncompliance that may potentially occur if measurement uncertainty is taken into account.

#### **Disclaimer:**

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

#### Reviewed by: William Chen Report Producer: Michelle Chen



#### 1. Administration Data

### 1.1 Testing Laboratory

Test Site	Sporton International Inc. Wensan Laboratory	
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855	
Te of Olde No.	Sporton Site No.	
Test Site No.	TH05-HY	
Test Engineer	Thomas Chen	
Temperature	21 ~ 25  ℃	
Relative Humidity	50 ~ 56 %	

FCC Designation No.: TW3786



#### 2. General Information

# 2.1 Description of Unit Under Test (UUT)

Product Feature & Specification		
UUT Type	Outdoor Fixed CPE	
Brand Name	Inseego	
Model Name	FW3000	
FCC ID	PKRISGFW3000	
Professional Installation	Yes □ No	
Unit Under Test Type	<ul> <li>BTS-CBSD product (Base Station)</li> <li>CPE-CBSD product (Customer Premises Equipment)</li> </ul>	
UUT Category	<ul> <li>□ Category A</li> <li>■ Category B</li> </ul>	
Domain Proxy support	<ul> <li>□ UUT with Domain Proxy</li> <li>■ UUT without Domain Proxy</li> </ul>	
UUT Antenna Gain	10.1 dBi	
UUT HW Version	2.0	
UUT FW Version	3.21.1.3	
UUT SW Version	N/A	
UUT Serial Number	990016680002589	

### 2.2 Protocol Test Summary

Section	Test Case ID	Test Case Title	Test Result
6.1.4.1.1	WINNF.FT.C.REG.1	Multi-Step registration	PASS
6.1.4.1.5	WINNF.FT.C.REG.5	Single-Step registration for CBSD with CPI signed data	PASS
6.1.4.2.1	WINNF.FT.C.REG.8	Missing Required parameters (responseCode 102)	PASS
6.1.4.2.3	WINNF.FT.C.REG.10	Pending registration (responseCode 200)	PASS
6.1.4.2.5	WINNF.FT.C.REG.12	Invalid parameter (responseCode 103)	PASS
6.1.4.2.7	WINNF.FT.C.REG.14	Blacklisted CBSD (responseCode 101)	PASS
6.1.4.2.9	WINNF.FT.C.REG.16	Unsupported SAS protocol version (responseCode 100)	PASS
6.1.4.2.11	WINNF.FT.C.REG.18	Group Error (responseCode 201)	PASS
6.3.4.2.1	WINNF.FT.C.GRA.1	Unsuccessful Grant responseCode=400 (INTERFERENCE)	PASS
6.3.4.2.2	WINNF.FT.C.GRA.2	Unsuccessful Grant responseCode=401 (GRANT_CONFLICT)	PASS
6.4.4.1.1	WINNF.FT.C.HBT.1	Heartbeat Success Case (first Heartbeat Response)	PASS
6.4.4.2.1	WINNF.FT.C.HBT.3	Heartbeat responseCode=105 (DEREGISTER)	PASS
6.4.4.2.2	WINNF.FT.C.HBT.4	Heartbeat responseCode=500 (TERMINATED_GRANT)	PASS
6.4.4.2.3	WINNF.FT.C.HBT.5	Heartbeat responseCode=501 (SUSPENDED_GRANT) in First Heartbeat Response	PASS
6.4.4.2.4	WINNF.FT.C.HBT.6	Heartbeat responseCode=501 (SUSPENDED_GRANT) in Subsequent Heartbeat Response	PASS
6.4.4.2.5	WINNF.FT.C.HBT.7	Heartbeat responseCode=502 (UNSYNC_OP_PARAM)	PASS
6.4.4.3.1	WINNF.FT.C.HBT.9	Heartbeat Response Absent (First Heartbeat)	PASS
6.4.4.3.2	WINNF.FT.C.HBT.10	Heartbeat Response Absent (Subsequent Heartbeat)	PASS
6.6.4.1.1	WINNF.FT.C.RLQ.1	Successful Relinquishment	PASS
6.7.4.1.1	WINNF.FT.C.DRG.1	Successful Deregistration	PASS
6.8.4.1.1	WINNF.FT.C.SCS.1	Successful TLS connection between UUT and SAS Test Harness	PASS
6.8.4.2.1	WINNF.FT.C.SCS.2	TLS failure due to revoked certificate	PASS
6.8.4.2.2	WINNF.FT.C.SCS.3	TLS failure due to expired server certificate	PASS
6.8.4.2.3	WINNF.FT.C.SCS.4	TLS failure when SAS Test Harness certificate is issue by unknown CA	PASS
6.8.4.2.4	WINNF.FT.C.SCS.5	TLS failure when certificate at the SAS Test Harness is corrupted	PASS
7.1.4.1.1	WINNF.PT.C.HBT	UUT RF Transmit Power Measurement	PASS

Trail	Time limit	Monitoring time	Measured result	Verdict
1	1 second	10 seconds	4.7ms	PASS
2	10 seconds	300 seconds	12ms	PASS
3	20 seconds	3600 seconds	143.999ms	PASS

#### 2.3 Time test for getting Grant Summary

#### 2.4 Support Equipment

Name	Brand Name	Type/Model	Serial Number	FCC ID
BTS-CBSD	Ruckus	Q710	991929000175	S9GQ710US02

#### 2.5 Measuring Equipment List

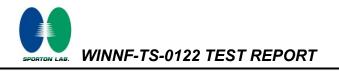
Nama	Drand Name	Turne (Medial	Carial Number	Calibration	
Name	Brand Name	Type/Model	Serial Number	Last Cal.	Due Date
Signal Analyzer	R&S	FSV3044	101467	Feb. 01, 2023	Jan. 31, 2024



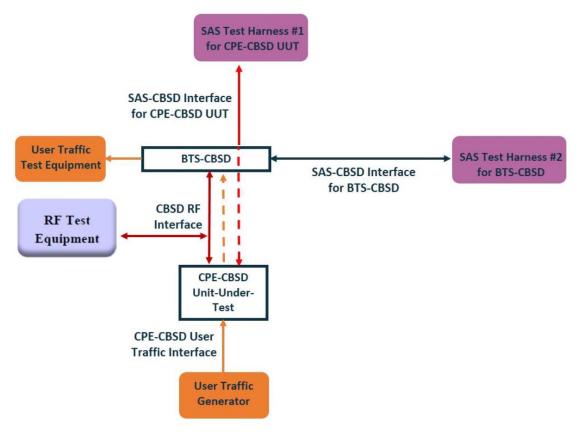
	3.	Measurement Environment
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Measurement Environment Information		
SAS Test Harness version	1.0.0.3	
Operating System	Windows 10	
TLS version	V 1.2	
Python version	V 2.7	

Conditional Test Case			
Support (Yes / No)	Condition	Definition	
Yes	C1	Mandatory for UUT which supports multi-step registration message	
No	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.	
Yes	C3	Mandatory for UUT which supports single-step registration containing CPI signed data in the registration message.	
No	C4	Mandatory for UUT which supports RECEIVED_POWER_WITHOUT_GRANT measurement report type	
No	C5	Mandatory for UUT which supports RECEIVED_POWER_WITH_GRANT measurement report type.	
No	C6	Mandatory for UUT which supports parameter change being made at the UUT and prior to sending a deregistration.	



### 3.1 Test configuration without Domain Proxy



CPE-CBSD as UUT, BTS-CBSD direct communication.



#### 3.2 Standards

[n.1]. FCC KDB 940660 D02 CPE-CBSD Handshake Procedures v02, 22 October 2019
[n.2]. WINNF-TS-0122 Version 1.0.2, "Conformance and Performance Test Technical Specification;
CBSD/DP as Unit Under Test (UUT)", 25 November 2020

[n.3]. WINNF-TS-0016 Version 1.2.7, "SAS to CBSD Technical Specification", 21 March 2022

#### 3.3 Protocol test procedure

The test cases for SAS<->CBSD protocol in [n.2] apply for CPE-CBSD device type. Following the [n.1], when running the test cases in [n.2] for CPE-CBSD device type, verify that:

- 1. CPE-CBSD can begin transmitting its RF only after receiving radio signal from its compatible BTS-CBSD.
- 2. For all CPE-CBSD RF transmissions, the CPE-CBSD UUT radio frequency range and bandwidth are less or equal to the frequency range and bandwidth of its compatible BTS-CBSD.
- 3. Judging the last execution step appearing in [n.2] with "User data traffics" instead of "RF transmission."

#### 3.4 Time test for getting Grant Procedure

Use the WInnForum SAS Harness run test case WINNF.FT.C.GRA.1. Without answering the last question in WINNF.FT.C.GRA.1 will keep UUT's grant request being rejected, then measure the time.



### 4. Protocol Test Results

# 4.1 [WINNF.FT.C.REG.1] Multi-Step registration

#	Test Execution Steps	Results
1	<ul> <li>Ensure the following conditions are met for test entry:</li> <li>UUT has successfully completed SAS Discovery and Authentication with the SAS Test Harness</li> </ul>	-
	<ul> <li>UUT is in the Unregistered state</li> </ul>	
	CBSD sends correct Registration request information, as specified in [n.5], to the	
	SAS Test Harness:	
	<ul> <li>The required userId, fccId and cbsdSerialNumber registration parameters shall be sent from the CBSD and conform to proper format and acceptable ranges.</li> </ul>	
2	<ul> <li>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.</li> </ul>	PASS
	Note: It is outside the scope of this document to test the Registration information that is supplied via another means.	
3	<ul> <li>SAS Test Harness sends a CBSD Registration Response as follows:         <ul> <li>cbsdld = C</li> <li>measReportConfig shall not be included</li> <li>responseCode = 0</li> </ul> </li> </ul>	
4	After completion of step 3, SAS Test Harness will not provide any positive response ( <i>responseCode</i> =0) to further request messages from the UUT.	
5	<ul> <li>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:</li> <li>UUT shall not transmit RF</li> </ul>	PASS



# 4.2 [WINNF.FT.C.REG.5] Single-Step registration for CBSD with CPI signed data

#	Test Execution Steps	Results
1	<ul> <li>Ensure the following conditions are met for test entry:</li> <li>UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness</li> <li>UUT is in the Unregistered state</li> <li>All of the required and REG-Conditional parameters shall be configured and CPI signature provided</li> </ul>	
2	<ul> <li>CBSD sends Registration request to the SAS Test Harness:</li> <li>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.</li> </ul>	PASS
	<ul> <li>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.</li> </ul>	
3	<ul> <li>SAS Test Harness sends a CBSD Registration Response as follows:         <ul> <li>cbsdld = C</li> <li>measReportConfig shall not be included.</li> <li>responseCode = 0</li> </ul> </li> </ul>	
4	After completion of step 3, SAS Test Harness will not provide any positive response ( <i>responseCode</i> =0) to further request messages from the UUT.	
5	<ul> <li>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:</li> <li>UUT shall not transmit RF</li> </ul>	PASS



### 4.3 [WINNF.FT.C.REG.8] Missing Required parameters (responseCode 102)

#	Test Execution Steps	Results
	Ensure the following conditions are met for test entry:	
1	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.	
	SAS Test Harness rejects the request by sending a CBSD Registration Response as	
3	follows:	
3	<ul> <li>SAS response does not include <i>cbsdld</i></li> </ul>	
	– responseCode = R	
	After completion of step 3, SAS Test Harness will not provide any positive	
4	response (responseCode=0) to further request messages from the UUT.	
	Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is	
5	complete. This is the end of the test. Verify:	PASS
	UUT shall not transmit RF	



# 4.4 [WINNF.FT.C.REG.10] Pending registration (responseCode 200)

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



### 4.5 [WINNF.FT.C.REG.12] Invalid parameter (responseCode 103)

#	Test Execution Steps	Results
	Ensure the following conditions are met for test entry:	
1	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.	
	SAS Test Harness rejects the request by sending a CBSD Registration Response as	
3	follows:	
3	<ul> <li>SAS response does not include <i>cbsdld</i></li> </ul>	
	- responseCode = R	
	After completion of step 3, SAS Test Harness will not provide any positive	
4	response (responseCode=103) to further request messages from the UUT.	
	Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is	
5	complete. This is the end of the test. Verify:	PASS
	UUT shall not transmit RF	



# 4.6 [WINNF.FT.C.REG.14] Blacklisted CBSD (responseCode 101)

#	Test Execution Steps	Results
	Ensure the following conditions are met for test entry:	
1	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.	
	SAS Test Harness rejects the request by sending a CBSD Registration Response as	
3	follows:	
3	<ul> <li>SAS response does not include <i>cbsdld</i></li> </ul>	
	- responseCode = R	
	After completion of step 3, SAS Test Harness will not provide any positive	
4	response (responseCode=101) to further request messages from the UUT.	
	Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is	
5	complete. This is the end of the test. Verify:	PASS
	UUT shall not transmit RF	



### 4.7 [WINNF.FT.C.REG.16] Unsupported SAS protocol version (responseCode 100)

#	Test Execution Steps	Results
	Ensure the following conditions are met for test entry:	
1	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.	
	SAS Test Harness rejects the request by sending a CBSD Registration Response as	
3	follows:	
3	<ul> <li>SAS response does not include <i>cbsdld</i></li> </ul>	
	– responseCode = R	
	After completion of step 3, SAS Test Harness will not provide any positive	
4	response (responseCode=100) to further request messages from the UUT.	
	Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is	
5	complete. This is the end of the test. Verify:	PASS
	UUT shall not transmit RF	



# 4.8 [WINNF.FT.C.REG.18] Group Error (responseCode 201)

#	Test Execution Steps	Results
	Ensure the following conditions are met for test entry:	
1	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.	
	SAS Test Harness rejects the request by sending a CBSD Registration Response as	
3	follows:	
5	<ul> <li>SAS response does not include <i>cbsdld</i></li> </ul>	
	- responseCode = R	
	After completion of step 3, SAS Test Harness will not provide any positive	
4	response (responseCode=201) to further request messages from the UUT.	
	Monitor the RF output of the UUT from start of test until 60 seconds after Step 3 is	
5	complete. This is the end of the test. Verify:	PASS
	UUT shall not transmit RF	



### 4.9 [WINNF.FT.C.GRA.1] Unsuccessful Grant responseCode=400 (INTERFERENCE)

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



### 4.10 [WINNF.FT.C.GRA.2] Unsuccessful Grant responseCode=401 (GRANT\_CONFLICT)

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



### 4.11 [WINNF.FT.C.HBT.1] Heartbeat Success Case (first Heartbeat Response)

#	Test Execution Steps	Results
1	<ul> <li>Ensure the following conditions are met for test entry:</li> <li>UUT has registered successfully with SAS Test Harness, with <i>cbsdld</i> = C</li> </ul>	
2	<ul> <li>UUT sends a message:</li> <li>If message is type Spectrum Inquiry Request, go to step 3, or</li> <li>If message is type Grant Request, go to step 5</li> </ul>	
3	<ul> <li>UUT sends Spectrum Inquiry Request. Validate:</li> <li><i>cbsdld</i> = C</li> <li>List of frequencyRange objects sent by UUT are within the CBRS frequency range</li> </ul>	PASS
4	<ul> <li>SAS Test Harness sends a Spectrum Inquiry Response message, including the following parameters:</li> <li><i>cbsdld</i> = C</li> <li>availableChannel is an array of availableChannel objects</li> <li><i>responseCode</i> = 0</li> </ul>	
5	<ul> <li>UUT sends Grant Request message. Validate:</li> <li><i>cbsdld</i> = C</li> <li>maxEIRP is at or below the limit appropriate for CBSD category as defined by Part 96</li> <li>operationFrequencyRange, F, sent by UUT is a valid range within the CBRS band</li> </ul>	PASS
6	<ul> <li>SAS Test Harness sends a Grant Response message, including the parameters:</li> <li><i>cbsdld</i> = C</li> <li><i>grantld</i> = G = a valid grant ID</li> <li>grantExpireTime = UTC time greater than duration of the test</li> <li><i>responseCode</i> = 0</li> </ul>	
7	<ul> <li>UUT sends a first Heartbeat Request message.</li> <li>Verify Heartbeat Request message is formatted correctly, including:</li> <li><i>cbsdld</i> = C</li> <li><i>grantld</i> = G</li> <li><i>operationState</i> = "GRANTED"</li> </ul>	PASS



#	Test Execution Steps	Results
8	SAS Test Harness sends a Heartbeat Response message, with the following parameters: <ul> <li>cbsdld = C</li> <li>grantld = G</li> <li>transmitExpireTime = current UTC time + 200 seconds</li> <li>responseCode = 0</li> </ul>	
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 • grantld = G • operationState = "AUTHORIZED" and SAS Test Harness responds with a Heartbeat Response message including the following parameters: • cbsdld = C • grantld = G • transmitExpireTime = current UTC time + 200 seconds • responseCode = 0	PASS
10	<ul> <li>Monitor the RF output of the UUT from start of test until UUT transmission commences. Verify:</li> <li>UUT does not transmit at any time prior to completion of the first heartbeat response</li> <li>UUT transmits after step 8 is complete, and its transmission is limited to within the bandwidth range F.</li> </ul>	PASS



### 4.12 [WINNF.FT.C.HBT.3] Heartbeat responseCode=105 (DEREGISTER)

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



### 4.13 [WINNF.FT.C.HBT.4] Heartbeat responseCode=500 (TERMINATED\_GRANT)

#	Test Execution Steps	Results
1	<ul> <li>Ensure the following conditions are met for test entry:</li> <li>UUT has registered successfully with SAS Test Harness</li> <li>UUT has a valid single grant as follows: <ul> <li>valid <i>cbsdld</i> = C</li> <li>valid <i>grantld</i> = G</li> <li>grant is for frequency range F, power P</li> <li><i>grantExpireTime</i> = UTC time greater than duration of the test</li> </ul> </li> <li>UUT is in AUTHORIZED state and is transmitting within the grant bandwidth F on RF interface</li> </ul>	
2	<ul> <li>UUT sends a Heartbeat Request message.</li> <li>Ensure Heartbeat Request message is sent within latest specified</li> <li>heartbeatInterval, and is formatted correctly, including:</li> <li><i>cbsdld</i> = C</li> <li><i>grantId</i> = G</li> <li><i>operationState</i> = "AUTHORIZED"</li> </ul>	PASS
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	<ul> <li>Monitor the RF output of the UUT. Verify:</li> <li>UUT shall stop transmission within (T + 60 seconds) of completion of step 3</li> </ul>	PASS



#### 4.14 [WINNF.FT.C.HBT.5] Heartbeat responseCode=501 (SUSPENDED\_GRANT) in First Heartbeat Response

#	Test Execution Steps	Results
1	<ul> <li>Ensure the following conditions are met for test entry:</li> <li>UUT has registered successfully with SAS Test Harness</li> <li>UUT has a valid single grant as follows: <ul> <li>valid <i>cbsdld</i> = C</li> <li>valid <i>grantld</i> = G</li> <li>grant is for frequency range F, power P</li> <li>grantExpireTime = UTC time greater than duration of the test</li> </ul> </li> <li>UUT is in GRANTED, but not AUTHORIZED state (i.e. has not performed its first Heartbeat Request)</li> </ul>	
2	UUT sends a Heartbeat Request message. Verify Heartbeat Request message is formatted correctly, including: • cbsdld = C • grantld = G • operationState = "GRANTED"	PASS
3	<pre>SAS Test Harness sends a Heartbeat Response message, including the following parameters:</pre>	
4	After completion of step 3, SAS Test Harness shall not allow any further grants to the UUT.	
5	<ul> <li>Monitor the SAS-CBSD interface. Verify either A OR B occurs:</li> <li>A. UUT sends a Heartbeat Request message. Ensure message is sent within latest specified heartbeatInterval, and is correctly formatted with parameters: <ul> <li>cbsdld = C</li> <li>grantld = G</li> <li>operationState = "GRANTED"</li> </ul> </li> <li>B. UUT sends a Relinquishment request message. Ensure message is correctly formatted with parameters: <ul> <li>cbdsld = C</li> <li>grantld = G</li> <li>operationState = "GRANTED"</li> </ul> </li> <li>B. UUT sends a Relinquishment request message. Ensure message is correctly formatted with parameters: <ul> <li>cbdsld = C</li> <li>grantld = G</li> <li>orrectly formatted with parameters:</li> <li>cbdsld = C</li> <li>grantld = G</li> </ul> </li> <li>Monitor the RF output of the UUT. Verify:</li> </ul>	PASS
	UUT does not transmit at any time	



## 4.15 [WINNF.FT.C.HBT.6] Heartbeat responseCode=501 (SUSPENDED\_GRANT) in Subsequent Heartbeat Response

#	Test Execution Steps	Results
	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:	
	$\circ$ valid <i>cbsdld</i> = C	
1	• valid grantId = G	
	<ul> <li>grant is for frequency range F, power P</li> </ul>	
	<ul> <li>grantExpireTime = UTC time greater than duration of the test</li> </ul>	
	UUT is in AUTHORIZED state and is transmitting within the grant	
	bandwidth F on RF interface	
	UUT sends a Heartbeat Request message.	
	Verify Heartbeat Request message is sent within latest specified	
2	heartbeatInterval, and is formatted correctly, including:	PASS
Z	• $cbsdld = C$	FA35
	• $grantId = G$	
	<ul> <li>operationState = "AUTHORIZED"</li> </ul>	
	SAS Test Harness sends a Heartbeat Response message, including the following	
	parameters:	
3	• $cbsdld = C$	
3	• $grantId = G$	
	<ul> <li>transmitExpireTime = T = current UTC time</li> </ul>	
	<ul> <li>responseCode = 501 (SUSPENDED_GRANT)</li> </ul>	



#	Test Execution Steps	Results
4	After completion of step 3, SAS Test Harness shall not allow any further	
4	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	
5	<ul> <li>operationState = "GRANTED"</li> </ul>	PASS
5	B. UUT sends a Relinquishment Request message. Ensure message	FA00
	is correctly formatted with parameters:	
	• $cbdsId = C$	
	• grantId = G	
	Monitor the RF output of the UUT. Verify:	
	• UUT shall stop transmission within ( <i>T</i> + 60 seconds) of completion	
	of step 3	



### 4.16 [WINNF.FT.C.HBT.7] Heartbeat responseCode=502 (UNSYNC\_OP\_PARAM)

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



### 4.17 [WINNF.FT.C.HBT.9] Heartbeat Response Absent (First Heartbeat)

Test Execution Steps	Results
Ensure the following conditions are met for test entry:	
<ul> <li>UUT has registered successfully with SAS Test Harness</li> </ul>	
UUT has a valid single grant as follows:	
$\circ$ valid <i>cbsdld</i> = C	
○ valid grantId = G	
<ul> <li>grant is for frequency range F, power P</li> </ul>	
<ul> <li>grantExpireTime = UTC time greater than duration of the test</li> </ul>	
UUT is in GRANTED, but not AUTHORIZED state (i.e. has not performed	
its first Heartbeat Request)	
UUT sends a Heartbeat Request message.	
Ensure Heartbeat Request message is sent within latest specified	PASS
heartbeatInterval, and is formatted correctly, including:	
• $cbsdld = C$	FA33
• $grantId = G$	
<ul> <li>operationState = "GRANTED"</li> </ul>	
After completion of Step 2, SAS Test Harness does not respond to any further	
messages from UUT to simulate loss of network connection	
Monitor the RF output of the UUT from start of test to 60 seconds after step 3.	
Verify:	PASS
<ul> <li>At any time during the test, UUT shall not transmit on RF interface</li> </ul>	
	<ul> <li>Ensure the following conditions are met for test entry:</li> <li>UUT has registered successfully with SAS Test Harness</li> <li>UUT has a valid single grant as follows: <ul> <li>valid <i>cbsdld</i> = C</li> <li>valid <i>grantld</i> = G</li> <li>grant is for frequency range F, power P</li> <li>grantExpireTime = UTC time greater than duration of the test</li> </ul> </li> <li>UUT is in GRANTED, but not AUTHORIZED state (i.e. has not performed its first Heartbeat Request)</li> <li>UUT sends a Heartbeat Request message.</li> <li>Ensure Heartbeat Request message is sent within latest specified <i>heartbeatInterval</i>, and is formatted correctly, including: <ul> <li><i>cbsdld</i> = C</li> <li><i>grantld</i> = G</li> <li><i>operationState</i> = "GRANTED"</li> </ul> </li> <li>After completion of Step 2, SAS Test Harness does not respond to any further messages from UUT to simulate loss of network connection</li> <li>Monitor the RF output of the UUT from start of test to 60 seconds after step 3. Verify:</li> </ul>



### 4.18 [WINNF.FT.C.HBT.10] Heartbeat Response Absent (Subsequent Heartbeat)

#	Test Execution Steps	Results
	Ensure the following conditions are met for test entry:	
	<ul> <li>UUT has registered successfully with SAS Test Harness</li> </ul>	
	<ul> <li>UUT has a valid single grant as follows:</li> </ul>	
	$\circ$ valid <i>cbsdld</i> = C	
1	○ valid grantId = G	
	<ul> <li>grant is for frequency range F, power P</li> </ul>	
	<ul> <li>grantExpireTime = UTC time greater than duration of the test</li> </ul>	
	<ul> <li>UUT is in AUTHORIZED state and is transmitting within the grant</li> </ul>	
	bandwidth F on RF interface	
	UUT sends a Heartbeat Request message.	
	Verify Heartbeat Request message issent within the latest specified	
2	heartbeatInterval, and is formatted correctly, including:	PASS
Z	• $cbsdld = C$	PASS
	• grantId = G	
	<ul> <li>operationState = "AUTHORIZED"</li> </ul>	
	SAS Test Harness sends a Heartbeat Response message, with the following	
	parameters:	
3	• $cbsdld = C$	
5	• grantId = G	
	<ul> <li>transmitExpireTime = current UTC time + 200 seconds</li> </ul>	
	• responseCode = 0	
4	After completion of Step 3, SAS Test Harness does not respond to any further	
4	messages from UUT	
	Monitor the RF output of the UUT. Verify:	
5	<ul> <li>UUT shall stop all transmission on RF interface within</li> </ul>	PASS
	( <i>transmitExpireTime</i> + 60 seconds), using the transmitExpireTime	FASS
	sent in Step 3.	



# 4.19 [WINNF.FT.C.RLQ.1] Successful Relinquishment

#	Test Execution Steps	Results
1	<ul> <li>Ensure the following conditions are met for test entry:</li> <li>UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness</li> <li>UUT has successfully registered with SAS Test Harness, with <i>cbsdld=</i>C</li> <li>UUT has received a valid grant with <i>grantld</i> = G</li> <li>UUT is in Grant State AUTHORIZED and is actively transmitting within the bounds of its grant.</li> <li>Invoke trigger to relinquish UUT Grant from the SAS Test Harness</li> </ul>	
2	UUT sends a Relinquishment Request message. Verify message contains all required parameters properly formatted, and specifically: • cbsdld = C • grantld = G	PASS
3	SAS Test Harness shall approve the request with a Relinquishment Response message with parameters: <ul> <li><i>cbsdld</i> = C</li> <li><i>grantld</i> = G</li> <li><i>responseCode</i> = 0</li> </ul>	
4	After completion of step 3, SAS Test Harness will not provide any additional positive response ( <i>responseCode</i> =0) to further request messages from the UUT.	
5	<ul> <li>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:</li> <li>UUT shall stop RF transmission at any time between triggering the relinquishment and UUT sending the relinquishment request</li> </ul>	PASS



# 4.20 [WINNF.FT.C.DRG.1] Successful Deregistration

#	Test Execution Steps	Results
	Ensure the following conditions are met for test entry:	
	<ul> <li>UUT has successfully completed SAS Discovery and</li> </ul>	
	Authentication with SAS Test Harness	
1	<ul> <li>UUT has successfully registered with SAS Test Harness, with cbsdld=C</li> </ul>	
	<ul> <li>UUT has received a valid grant with grantId = G</li> </ul>	
	<ul> <li>UUT is in Grant State AUTHORIZED and is actively transmitting</li> </ul>	
	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	
2	with responseCode=0	
3	UUT sends Deregistration Request to SAS Test Harness with <i>cbsdld</i> = C.	PASS
	SAS Test Harness shall approve the request with a Deregistration Response	
4	message with parameters:	
4	• $cbsdld = C$	
	• responseCode = 0	
	After completion of step 3, SAS Test Harness will not provide any additional	
5	positive response (responseCode=0) to further request messages from the	
	UUT.	
	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:	
6	<ul> <li>UUT stopped RF transmission at any time between triggering the</li> </ul>	PASS
0	deregistration and either A OR B occurs:	FA35
	A. UUT sending a Registration Request message, as this is not mandatory	
	B. UUT sending a Deregistration Request message	



# 4.21 [WINNF.FT.C.SCS.1] Successful TLS connection between UUT and SAS Test Harness

#	Test Execution Steps	Results
1	<ul> <li>UUT shall start CBSD-SAS communication with the security procedure</li> <li>The UUT shall establish a TLS handshake with the SAS Test Harness using configured certificate.</li> <li>Configure the SAS Test Harness to accept the security procedure and establish the connection</li> </ul>	PASS
2	<ul> <li>Make sure that Mutual authentication happens between UUT and the SAS Test Harness.</li> <li>Make sure that UUT uses TLS v1.2</li> <li>Make sure that cipher suites from one of the following is selected,</li> <li>TLS_RSA_WITH_AES_128_GCM_SHA256</li> <li>TLS_ECDHE_ECDSA_WITH_AES_128_GCM_SHA2 56</li> <li>TLS_ECDHE_ECDSA_WITH_AES_256_GCM_SHA3 84</li> <li>TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256</li> </ul>	PASS
3	<ul> <li>A successful registration is accomplished using one of the test cases described in section 6.1.4.1, depending on CBSD capability.</li> <li>UUT sends a registration request to the SAS Test Harness and the SAS Test Harness sends a Registration Response with <i>responseCode</i> = 0 and <i>cbsdld</i>.</li> </ul>	PASS
4	<ul> <li>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:</li> <li>UUT shall not transmit RF</li> </ul>	PASS



### 4.22 [WINNF.FT.C.SCS.2] TLS failure due to revoked certificate

#	Test Execution Steps	Results
1	UUT shall start CBSD-SAS communication with the security procedures	PASS
2	<ul> <li>Make sure that UUT uses TLS v1.2 for security establishment.</li> <li>Make sure UUT selects the correct cipher suite.</li> <li>UUT shall use CRL or OCSP to verify the validity of the server certificate.</li> <li>Make sure that Mutual authentication does not happen between UUT and the SAS Test Harness.</li> </ul>	PASS
3	UUT may retry for the security procedure which shall fail	PASS
4	SAS Test-Harness shall not receive any Registration request or any application data.	
5	<ul> <li>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:</li> <li>UUT shall not transmit RF</li> </ul>	PASS

### 4.23 [WINNF.FT.C.SCS.3] TLS failure due to expired server certificate

#	Test Execution Steps	Results
1	UUT shall start CBSD-SAS communication with the security procedures	PASS
2	<ul> <li>Make sure that UUT uses TLS v1.2 for security establishment.</li> <li>Make sure UUT selects the correct cipher suite.</li> <li>UUT shall use CRL or OCSP to verify the validity of the server certificate.</li> <li>Make sure that Mutual authentication does not happen between UUT and the SAS Test Harness.</li> </ul>	PASS
3	UUT may retry for the security procedure which shall fail.	PASS
4	SAS Test-Harness shall not receive any Registration request or any application data.	
5	<ul> <li>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:</li> <li>UUT shall not transmit RF</li> </ul>	PASS

# 4.24 [WINNF.FT.C.SCS.4] TLS failure when SAS Test Harness certificate is issued by an unknown CA

#	Test Execution Steps	Results
1	UUT shall start CBSD-SAS communication with the security procedures	PASS
2	<ul> <li>Make sure that UUT uses TLS v1.2 for security establishment.</li> <li>Make sure UUT selects the correct cipher suite.</li> <li>UUT shall use CRL or OCSP to verify the validity of the server certificate</li> <li>Make sure that Mutual authentication does not happen between UUT and the SAS Test Harness.</li> </ul>	PASS
3	UUT may retry for the security procedure which shall fail.	PASS
4	SAS Test-Harness shall not receive any Registration request or any application data.	
5	<ul> <li>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:</li> <li>UUT shall not transmit RF</li> </ul>	PASS

# 4.25 [WINNF.FT.C.SCS.5] TLS failure when certificate at the SAS Test Harness is corrupted

#	Test Execution Steps	Results
1	UUT shall start CBSD-SAS communication with the security procedures	PASS
2	<ul> <li>Make sure that UUT uses TLS v1.2 for security establishment.</li> <li>Make sure UUT selects the correct cipher suite.</li> <li>UUT shall use CRL or OCSP to verify the validity of the server certificate.</li> <li>Make sure that Mutual authentication does not happen between UUT and the SAS Test Harness.</li> </ul>	PASS
3	UUT may retry for the security procedure which shall fail.	PASS
4	SAS Test-Harness shall not receive any Registration request or any application data.	
5	<ul> <li>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:</li> <li>UUT shall not transmit RF</li> </ul>	PASS



# 4.26 [WINNF.PT.C.HBT] UUT RF Transmit Power Measurement

#	Test Execution Steps	Results
	Ensure the following conditions are met for test entry:	
	UUT has successfully completed SAS Discovery and	
	Authentication with the SAS Test Harness	
	<ul> <li>UUT has registered with the SAS, with CBSD ID = C</li> </ul>	
	<ul> <li>UUT has a single valid grant G with parameters {lowFrequency</li> </ul>	
	= FL, highFrequency = FH, maxEirp = Pi}, with grant in AUTHORIZED	
	state, and grantExpireTime set to a value far past the duration of this test	
1	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.	



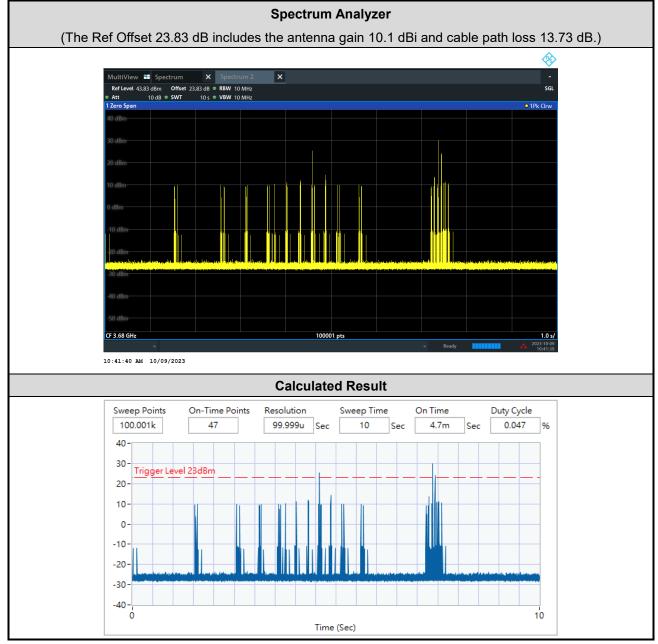
#	Test Execution Steps	Results							
	UUT and SAS Test Harness perform a series of Heartbeat Request/Response cycles,								
	which continues until the other test steps are complete. Messaging for each cycle is								
	as follows:								
	UUT sends Heartbeat Request, including:								
	$\circ$ cbsdld = C								
2	$\circ$ grantId = G								
	SAS Test Harness responds with Heartbeat Response, including:								
	$\circ$ cbsdld = C								
	$\circ$ grantId = G								
	<ul> <li>transmitExpireTime = current UTC time + 200 seconds</li> </ul>								
	$\circ$ 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								
	fulfil the requirements of the power measurement method.								
3		PASS							
	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.								

Note: For test 4.26, please find the Appendix B for RF measurement plots.



# 5. Result of Time test for getting Grant

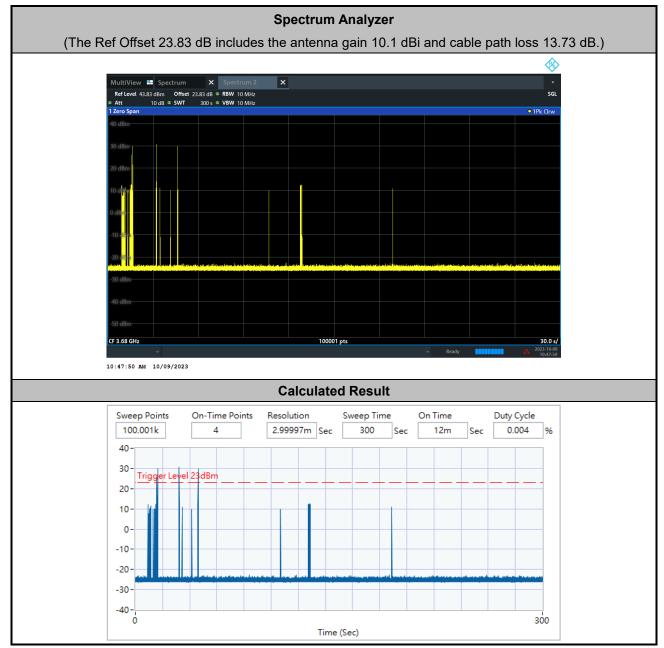
# 5.1 1 second within any 10-second period



The sum of On Time: 4.7ms < 1s, Pass.



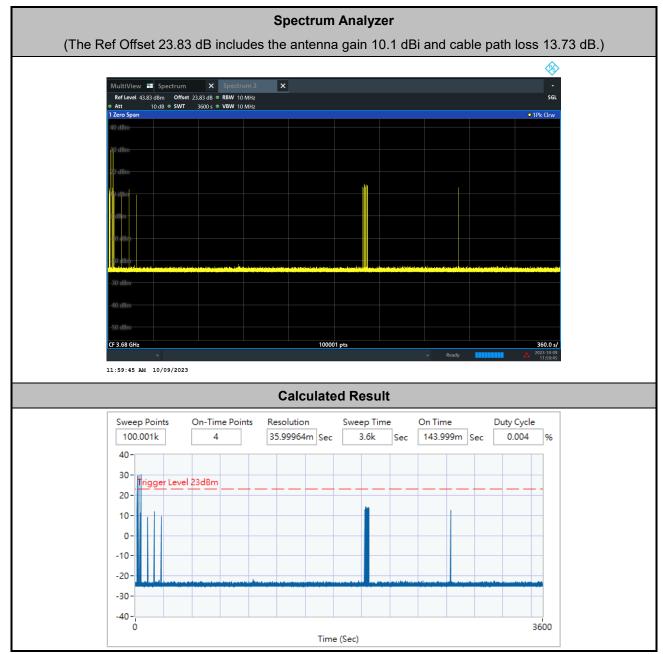
### 5.2 10 seconds within any 300-second period



The sum of On Time: 12ms < 10s, Pass.



### 5.3 20 seconds within any 3600-second period



The sum of On Time: 143.999ms < 20s, Pass.



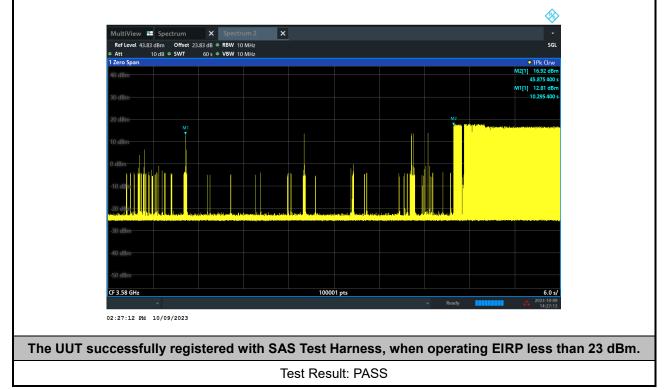
# 6. UUT register with the SAS irrespective of power levels

### 6.1 Test Procedure

- 1. Set the SAS test harness to grant UUT with the highest EIRP higher than 23 dBm.
- Check if UUT has successfully registered with SAS Test Harness, when operating EIRP less than 23 dBm.
- 3. After the UUT granted/authorized by the SAS, it can transmit with power less than the maxEIRP granted from SAS.

### 6.2 Result

The UUT can register with SAS under above operating conditions to meet the FCC criteria that the UUT will register with the SAS irrespective of power levels at which the device is set to operate – even below 23 dBm.



Note: The total offset 23.83 dB includes the antenna gain 10.1 dBi and cable path loss 13.73 dB.

Marker 1: The UUT successfully registered with SAS Test Harness, when operating 12.81 dBm EIRP.

Marker 2: After the UUT granted/authorized by the SAS, it can transmit with power less than the maxEIRP granted from SAS.



# Appendix B. RF measurement plots

### Appendix B.1 [WINNF.PT.C.HBT] UUT RF Transmit Power Measurement

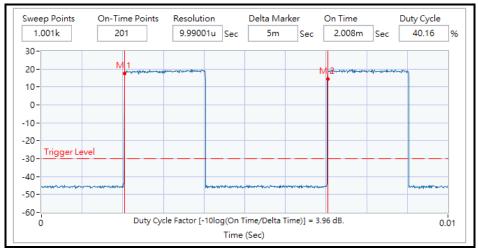
Report Clause 4.26 [WINNF.PT.C.HBT] UUT RF Transmit Power Measurement

Center Frequency [MHz]	Bandwidth [MHz]	Granted MaxEIRP [dBm/MHz]	Conducted PSD [dBm/MHz]	Duty Cycle Factor	Antenna Gain [dBi]	UUT MaxEIRP [dBm/MHz]
3605	10	25	8.19	3.96	10.1	22.25
3610	20	25	4.06	5.90	10.1	18.12

Note 1: The total path loss is offset with 13.73 dB.

Note 2: The MaxEIRP Pi declared by manufactuer only supports one power level step, i.e. 25dBm/MHz as MaxEIRP. If any request from SAS to perform power control level change below 25dBm/MHz, the UUT would cease transmission immediately on the channel. Refer to Appendix B.2. for this characteristics verify.

Duty Cycle factor:



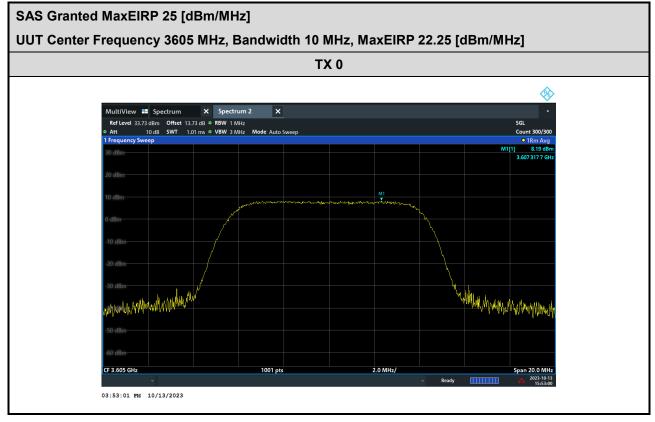
Note: The duty cycle value is 40.16%, add 10log(1/duty cycle) to the measured power level to compute the average power during continuous transmission.

## Appendix B.1.1 Test Procedure

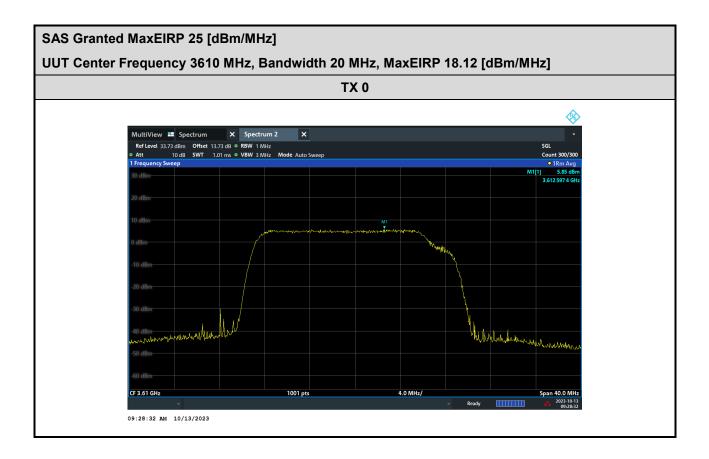
[WINNF.PT.C.HBT] UUT RF Transmit Power Measurement defined in clause 4.26 of this test report.



### Appendix B.1.2 Test Result









### Appendix B.2 Unsuccessful responses from the SAS Test Harness

According to the KDB 940660 D02 CPE-CBSD Handshake Procedures v02, "After the CPE-CBSD is registered and authorized by the SAS, the CPE-CBSD can start data transmission in the CBRS band using the channels and power levels authorized by the SAS." The result below is provided as a means to ensure that evidence is provided showing compliance to this requirement.

This test is to verify if any request from SAS to perform power control level change below 25dBm/MHz, the UUT would cease transmission immediately on the channel

Center Frequency [MHz]	Bandwidth [MHz]	Granted MaxEIRP [dBm/MHz]	Monitor the data transmission of the UUT for 60 seconds after receiving responseCode = 400 from the SAS.	Result	
3605	10	25	CPE-CBSD UUT shall not	PASS	

transmit user traffic

#### Unsuccessful responses from the SAS Test Harness by setting SAS granted MaxEIRP below 25dBm/MHz.

### **B.2.1** Test Procedure

- Configure the SAS test harness to grant the UUT a power level below 25 dBm EIRP. Set SAS granted MaxEIRP: 24.9 dBm/MHz.
- 2. Ensure that the UUT has successfully registered with the SAS Test Harness, with cbsdld=C.
- 3. UUT sends valid Grant Request.
- 4. The SAS Test Harness sends a Grant Response message, which includes the following: cbsdld=C, responseCode=400.
- 5. Monitor the data transmission of the UUT from the start of the test until 60 seconds after the completion of Step 4.



## B.2.2 Test Result

CPE-CBSD UUT shall not transmit user traffic.

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Courses	Destination	Protocol Le	anath Info								
			-	ning) reques	t id=0x0001	seg=10291/13096	ttl=128 (	no response	foundl)		
08:35.05 192.168.10	192.168.1.3	ICMP									
08:40.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10303/16168,	ttl=128 (	no response	found!)		
08:45.06 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10304/16424,	ttl=128 (	no response	found!)		
08:50.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10305/16680,	ttl=128 (	no response	found!)		
08:55.06 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10306/16936,	ttl=128 (	no response	found!)		
09:00.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10307/17192,	ttl=128 (	no response	found!)		
09:05.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10308/17448,	ttl=128 (	no response	found!)		
09:10.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10309/17704,	ttl=128 (	no response	found!)		
09:15.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10310/17960,	ttl=128 (	no response	found!)		
09:20.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10311/18216,	ttl=128 (	no response	found!)		
09:25.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10312/18472,	ttl=128 (	no response	found!)		
09:30.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10313/18728,	ttl=128 (	no response	found!)		
09:35.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10314/18984,	ttl=128 (	no response	found!)		
09:40.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10315/19240,	ttl=128 (	no response	found!)		
09:45.06 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10316/19496,	ttl=128 (	no response	found!)		
09:55.05 192.168.10	192.168.1.3	ICMP	74 Echo (	ping) reques	t id=0x0001,	seq=10318/20008,	ttl=128 (	no response	found!)		
							4-4E02-A18	2-0C397A8B8	BEAC}, id (	9	
-						,					
ntrol Message Protoco											
ol Message Protocol: Protocol						Packets: 81 · Dir	played: 28 (34.6%	5)		Profile: D	efault.
The	e SAS G	rant R	Respor	nse mes	ssage se	ent out at: 0	8:08:3	8.			
	CPE-C	BSD	UUT s	hall no	t transn	nit user tra	affic				
	07:45.05       192.168.10         07:50.06       192.168.10         07:50.06       192.168.10         08:05.06       192.168.10         08:05.06       192.168.10         08:05.06       192.168.10         08:10.05       192.168.10         08:10.05       192.168.10         08:20.06       192.168.10         08:20.06       192.168.10         08:25.05       192.168.10         08:25.05       192.168.10         08:25.06       192.168.10         08:35.05       192.168.10         08:50.05       192.168.10         09:60.05       192.168.10         09:61.05       192.168.10         09:62.05       192.168.10         09:10.05       192.168.10         09:20.05       192.168.10         09:23.05       192.168.10         09:24.06.0       192.168.10         09:55.05       192.168.10         09:55.05       192.168.10         09:55.05       192.168.10         09:55.05       192.168.10         09:55.05       192.168.10 <t< td=""><td>07:40.05       192.168.10       192.168.1.3         07:40.05       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Echo (ping) request id=0x0001, seq=1029/14032, 80:10.05.         08:20.06       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/1408, 80:20.05.         08:20.06       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1030/15040, 80:30.5.         08:35.05       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1030/1512, 80:30.5.         08:35.05       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=1030/1512, 80:30.5.         08:35.05       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=1030/1512, 80:30.5.         09:35.05       192.168.1.3       ICMP       74</td><td>07:40.05       192.168.10       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/13096, ttl=128 (0 pirs0.06         07:50.06       192.168.10       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10293/13608, ttl=128 (0 pirs0.06)         07:50.06       192.168.1.3.       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(no response of tesponse of tsise.         08:13.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=1030/1505, ttl=128 (no response of tesponse of tsise.         08:140.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=1030/1505, ttl=128 (no response of tsise.         08:140.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10301/1624, ttl=128 (no response of tsise.</td><td>07:40.05.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1395, ttl=128 (no response found))         07:53.06.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1396, ttl=128 (no response found))         07:53.06.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1366, ttl=128 (no response found))         08:00.6.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1426, ttl=28 (no response found))         08:10.65.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1426, ttl=28 (no response found))         08:15.05.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1428, ttl=28 (no response found))         08:25.05.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=10291/5144, ttl=28 (no response found))         08:25.05.       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=10291/5144, ttl=28 (no response found))         08:30.06.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10301/566, ttl=128 (no response found))         08:30.05.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10301/5424, ttl=128 (no response found))</td><td>Source         Destantion         Protocl         Langth Info           07:140.05.         192.168.1a.         192.168.1a.         192.168.1a.         192.108.1a.         107P           07:148.05.         192.168.1a.         192.168.1a.         107P         74 Echo (ping) request id=0x0001, seq=1029/13352, ttl=128 (no response found])           07:158.06.         192.168.1a.         110P         74 Echo (ping) request id=0x0001, seq=1029/13364, ttl=128 (no response found])           08:09.06.         192.168.1a.         110P         74 Echo (ping) request id=0x0001, seq=1029/13864, ttl=128 (no response found])           08:09.06.         192.168.1a.         110P         74 Echo (ping) request id=0x0001, seq=1029/14836, ttl=128 (no response found])           08:09.06.         192.168.1a.         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1029/14838, ttl=128 (no response found])           08:19.06.1         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1039/14888, ttl=128 (no response found])           08:19.05.192.168.1a.         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1039/15164, ttl=128 (no response found])           08:19.05.192.168.1a.         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1039/15164, ttl=128 (no response found])           08:19.06.1         192.168.1.3         10P         74 Echo (pin</td></t<></td></t<>	07:40.05       192.168.10       192.168.1.3         07:40.05       192.168.10       192.168.1.3         07:50.06       192.168.10       192.168.1.3         07:50.06       192.168.10       192.168.1.3         07:55.06       192.168.10       192.168.1.3         07:55.06       192.168.10       192.168.1.3         08:05.06       192.168.10       192.168.1.3         08:10.05       192.168.10       192.168.1.3         08:20.06       192.168.10       192.168.1.3         08:20.06       192.168.10       192.168.1.3         08:20.06       192.168.10       192.168.1.3         08:20.06       192.168.10       192.168.1.3         08:20.06       192.168.10       192.168.1.3         08:30.05       192.168.10       192.168.1.3         08:35.06       192.168.10       192.168.1.3         09:05.05       192.168.10       192.168.1.3         09:05.05       192.168.10       192.168.1.3         09:15.05       192.168.10       192.168.1.3         09:21.05.10       192.168.1.3       192.368.1.3         09:30.05       192.168.10       192.168.1.3	07:40.05       192.168.10       192.168.1.3       ICMP         07:45.05       192.168.10       192.168.1.3       ICMP         07:50.06       192.168.10       192.168.1.3       ICMP         07:50.06       192.168.10       192.168.1.3       ICMP         07:50.06       192.168.10       192.168.1.3       ICMP         07:55.06       192.168.10       192.168.1.3       ICMP         08:05.06       192.168.10       192.168.1.3       ICMP         08:10.05       192.168.10       192.168.1.3       ICMP         08:120.06       192.168.10       192.168.1.3       ICMP         08:20.06       192.168.10       192.168.1.3       ICMP         08:50.05       192.168.10       192.168.1.3       ICMP         09:60.05       192.168.10       192.168.1.3       ICMP         09:61.05       192.168.10       192.16	07:40.05       192.168.10       192.168.1.3       ICMP       74 Echo (         07:45.06       192.168.1.0       192.168.1.3       ICMP       74 Echo (         07:50.06       192.168.1.0       192.168.1.3       ICMP       74 Echo (         07:50.06       192.168.1.0       192.168.1.3       ICMP       74 Echo (         07:55.06       192.168.1.0       192.168.1.3       ICMP       74 Echo (         08:05.06       192.168.1.0       192.168.1.3       ICMP       74 Echo (         08:15.05       192.168.1.0       192.168.1.3       ICMP       74 Echo (         08:20.06       192.168.1.3       ICMP       74 Echo (         08:20.05       192.168.1.0.       192.168.1.3       ICMP       74 Echo (         08:20.06       192.168.1.3       ICMP       74 Echo (       0         08:20.06       192.168.1.3       ICMP       74 Echo (       0         08:20.06       192.168.1.3       ICMP       74 Echo (       0         08:35.05       192.168.10       192.168.1.3       ICMP       74 Echo (         08:45.06       192.168.1.3       ICMP       74 Echo (       0         09:60.05       1	07:40.05       192.168.10       192.168.1.3       ICMP         07:45.05       192.168.10       192.168.1.3       ICMP         07:50.06       192.168.10       192.168.1.3       ICMP         07:50.06       192.168.10       192.168.1.3       ICMP         07:50.06       192.168.10       192.168.1.3       ICMP         07:50.06       192.168.10       192.168.1.3       ICMP         08:05.06       192.168.10       192.168.1.3       ICMP         08:10.05       192.168.10       192.168.1.3       ICMP         08:120.06       192.168.10       192.168.1.3       ICMP         08:20.06       192.168.10       192.168.1.3       ICMP         08:20.06       192.168.10       192.168.1.3       ICMP         74 Echo (ping) reques       192.168.10       192.168.1.3       ICMP         74 Echo (ping) reques       192.168.10       192.168.1.3       ICMP         74 Echo (ping) reques       192.168.1.3       ICMP       74 Echo (ping) reques         08:30.05       192.168.10       192.168.1.3       ICMP       74 Echo (ping) reques         09:60.05       192.168.10       192.168.1.3       ICMP       74 Ech	07:40.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         07:40.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         07:50.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         07:50.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         08:05.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         08:05.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         08:10.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         08:20.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         08:20.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         08:20.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         08:35.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         08:45.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         09:00.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         09:01.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request id=0x0001,         09:02.05192.168.10192.168.1.3       ICMP <t< td=""><td>07:40.05       192.168.10       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/13096, seq=1029/13352, 97:50.06         07:50.06       192.168.1.0.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/13086, 80:50.06         07:50.06       192.168.1.0.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/13086, 80:50.06         08:05.06       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/14120, 80:50.06         08:05.06       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/14120, 80:50.06         08:10.05       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/14032, 80:10.05.         08:20.06       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/1408, 80:20.05.         08:20.06       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1030/15040, 80:30.5.         08:35.05       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1030/1512, 80:30.5.         08:35.05       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=1030/1512, 80:30.5.         08:35.05       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=1030/1512, 80:30.5.         09:35.05       192.168.1.3       ICMP       74</td><td>07:40.05       192.168.10       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/13096, ttl=128 (0 pirs0.06         07:50.06       192.168.10       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10293/13608, ttl=128 (0 pirs0.06)         07:50.06       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=10293/13608, ttl=128 (0 pirs0.06)         08:05.06       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=10293/13608, ttl=128 (0 pirs0.06)         08:05.06       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=10293/14638, ttl=128 (0 pirs0.06)         08:05.06       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=10296/1476, ttl=128 (0 pirs0.06)         08:10.05.102.168.10.       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=10297/14632, ttl=128 (0 pirs0.06)         08:20.06.102.168.10.       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=1029/15408, ttl=128 (0 pirs0.06)         08:30.05.102.168.10.       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=1030/15608, ttl=128 (0 pirs0.06)         08:30.06.102.168.10.       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=1030/1668, ttl=128 (0 pirs0.06)         08:30.06.102.168.10.       192.168.1.3.       ICMP       74 Echo (ping)</td><td>07:40.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10291/13096, ttl=128 (no response of tsise.         07:45.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10291/1305, ttl=128 (no response of tsise.         07:50.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10291/1306, ttl=128 (no response of tsise.         08:00.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10291/14632, ttl=128 (no response of tsise.         08:10.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10291/14632, ttl=128 (no response of tsise.         08:13.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=1030/1505, ttl=128 (no response of tsise.         08:13.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=1030/1505, ttl=128 (no response of tesponse of tsise.         08:13.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=1030/1505, ttl=128 (no response of tesponse of tsise.         08:140.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=1030/1505, ttl=128 (no response of tsise.         08:140.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10301/1624, ttl=128 (no response of tsise.</td><td>07:40.05.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1395, ttl=128 (no response found))         07:53.06.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1396, ttl=128 (no response found))         07:53.06.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1366, ttl=128 (no response found))         08:00.6.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1426, ttl=28 (no response found))         08:10.65.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1426, ttl=28 (no response found))         08:15.05.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1428, ttl=28 (no response found))         08:25.05.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=10291/5144, ttl=28 (no response found))         08:25.05.       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=10291/5144, ttl=28 (no response found))         08:30.06.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10301/566, ttl=128 (no response found))         08:30.05.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10301/5424, ttl=128 (no response found))</td><td>Source         Destantion         Protocl         Langth Info           07:140.05.         192.168.1a.         192.168.1a.         192.168.1a.         192.108.1a.         107P           07:148.05.         192.168.1a.         192.168.1a.         107P         74 Echo (ping) request id=0x0001, seq=1029/13352, ttl=128 (no response found])           07:158.06.         192.168.1a.         110P         74 Echo (ping) request id=0x0001, seq=1029/13364, ttl=128 (no response found])           08:09.06.         192.168.1a.         110P         74 Echo (ping) request id=0x0001, seq=1029/13864, ttl=128 (no response found])           08:09.06.         192.168.1a.         110P         74 Echo (ping) request id=0x0001, seq=1029/14836, ttl=128 (no response found])           08:09.06.         192.168.1a.         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1029/14838, ttl=128 (no response found])           08:19.06.1         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1039/14888, ttl=128 (no response found])           08:19.05.192.168.1a.         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1039/15164, ttl=128 (no response found])           08:19.05.192.168.1a.         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1039/15164, ttl=128 (no response found])           08:19.06.1         192.168.1.3         10P         74 Echo (pin</td></t<>	07:40.05       192.168.10       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/13096, seq=1029/13352, 97:50.06         07:50.06       192.168.1.0.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/13086, 80:50.06         07:50.06       192.168.1.0.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/13086, 80:50.06         08:05.06       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/14120, 80:50.06         08:05.06       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/14120, 80:50.06         08:10.05       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/14032, 80:10.05.         08:20.06       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1029/1408, 80:20.05.         08:20.06       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1030/15040, 80:30.5.         08:35.05       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=1030/1512, 80:30.5.         08:35.05       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=1030/1512, 80:30.5.         08:35.05       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=1030/1512, 80:30.5.         09:35.05       192.168.1.3       ICMP       74	07:40.05       192.168.10       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/13096, ttl=128 (0 pirs0.06         07:50.06       192.168.10       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10293/13608, ttl=128 (0 pirs0.06)         07:50.06       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=10293/13608, ttl=128 (0 pirs0.06)         08:05.06       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=10293/13608, ttl=128 (0 pirs0.06)         08:05.06       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=10293/14638, ttl=128 (0 pirs0.06)         08:05.06       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=10296/1476, ttl=128 (0 pirs0.06)         08:10.05.102.168.10.       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=10297/14632, ttl=128 (0 pirs0.06)         08:20.06.102.168.10.       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=1029/15408, ttl=128 (0 pirs0.06)         08:30.05.102.168.10.       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=1030/15608, ttl=128 (0 pirs0.06)         08:30.06.102.168.10.       192.168.1.3.       ICMP       74 Echo (ping) request id=0x0001, seq=1030/1668, ttl=128 (0 pirs0.06)         08:30.06.102.168.10.       192.168.1.3.       ICMP       74 Echo (ping)	07:40.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10291/13096, ttl=128 (no response of tsise.         07:45.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10291/1305, ttl=128 (no response of tsise.         07:50.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10291/1306, ttl=128 (no response of tsise.         08:00.06192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10291/14632, ttl=128 (no response of tsise.         08:10.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10291/14632, ttl=128 (no response of tsise.         08:13.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=1030/1505, ttl=128 (no response of tsise.         08:13.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=1030/1505, ttl=128 (no response of tesponse of tsise.         08:13.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=1030/1505, ttl=128 (no response of tesponse of tsise.         08:140.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=1030/1505, ttl=128 (no response of tsise.         08:140.05192.168.10192.168.1.3       ICMP       74 Echo (ping) request       id=0x0001, seq=10301/1624, ttl=128 (no response of tsise.	07:40.05.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1395, ttl=128 (no response found))         07:53.06.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1396, ttl=128 (no response found))         07:53.06.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1366, ttl=128 (no response found))         08:00.6.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1426, ttl=28 (no response found))         08:10.65.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1426, ttl=28 (no response found))         08:15.05.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10291/1428, ttl=28 (no response found))         08:25.05.       192.168.10.       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=10291/5144, ttl=28 (no response found))         08:25.05.       192.168.1.3       ICMP       74 Echo (ping) request id=0x001, seq=10291/5144, ttl=28 (no response found))         08:30.06.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10301/566, ttl=128 (no response found))         08:30.05.       192.168.1.3       ICMP       74 Echo (ping) request id=0x0001, seq=10301/5424, ttl=128 (no response found))	Source         Destantion         Protocl         Langth Info           07:140.05.         192.168.1a.         192.168.1a.         192.168.1a.         192.108.1a.         107P           07:148.05.         192.168.1a.         192.168.1a.         107P         74 Echo (ping) request id=0x0001, seq=1029/13352, ttl=128 (no response found])           07:158.06.         192.168.1a.         110P         74 Echo (ping) request id=0x0001, seq=1029/13364, ttl=128 (no response found])           08:09.06.         192.168.1a.         110P         74 Echo (ping) request id=0x0001, seq=1029/13864, ttl=128 (no response found])           08:09.06.         192.168.1a.         110P         74 Echo (ping) request id=0x0001, seq=1029/14836, ttl=128 (no response found])           08:09.06.         192.168.1a.         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1029/14838, ttl=128 (no response found])           08:19.06.1         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1039/14888, ttl=128 (no response found])           08:19.05.192.168.1a.         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1039/15164, ttl=128 (no response found])           08:19.05.192.168.1a.         192.168.1.3         10P         74 Echo (ping) request id=0x0001, seq=1039/15164, ttl=128 (no response found])           08:19.06.1         192.168.1.3         10P         74 Echo (pin

