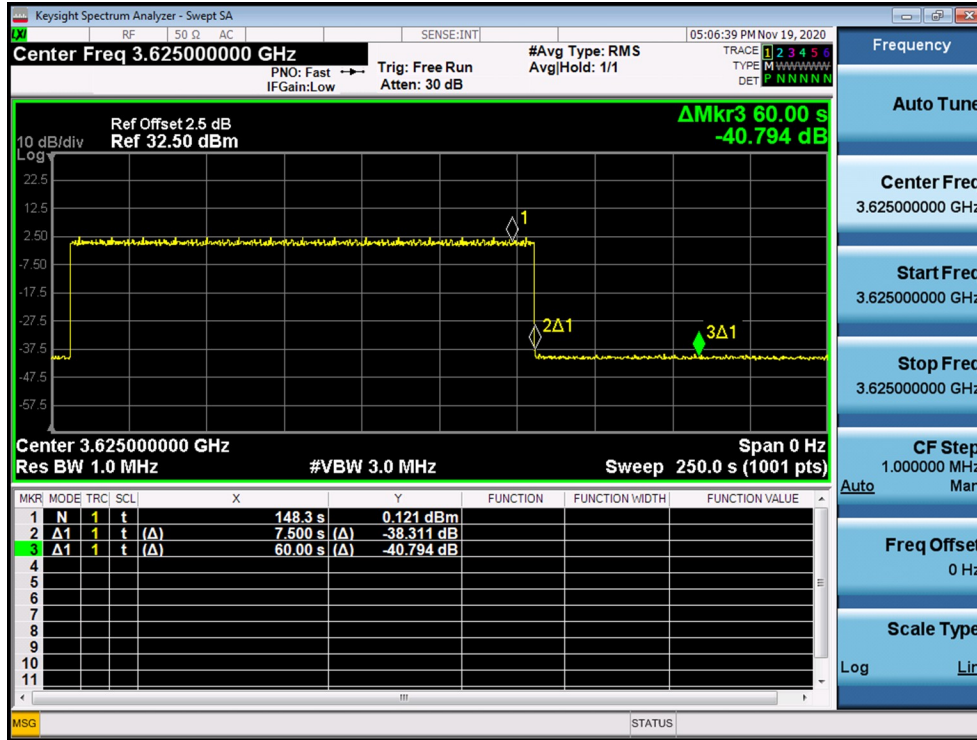


Test Plots:





Plot 16. Conducted Measurement - RF transmission stops within 60s of SAS message. The SAS message is indicated by Marker 1 (WINNF.FT.C.HBT.6)

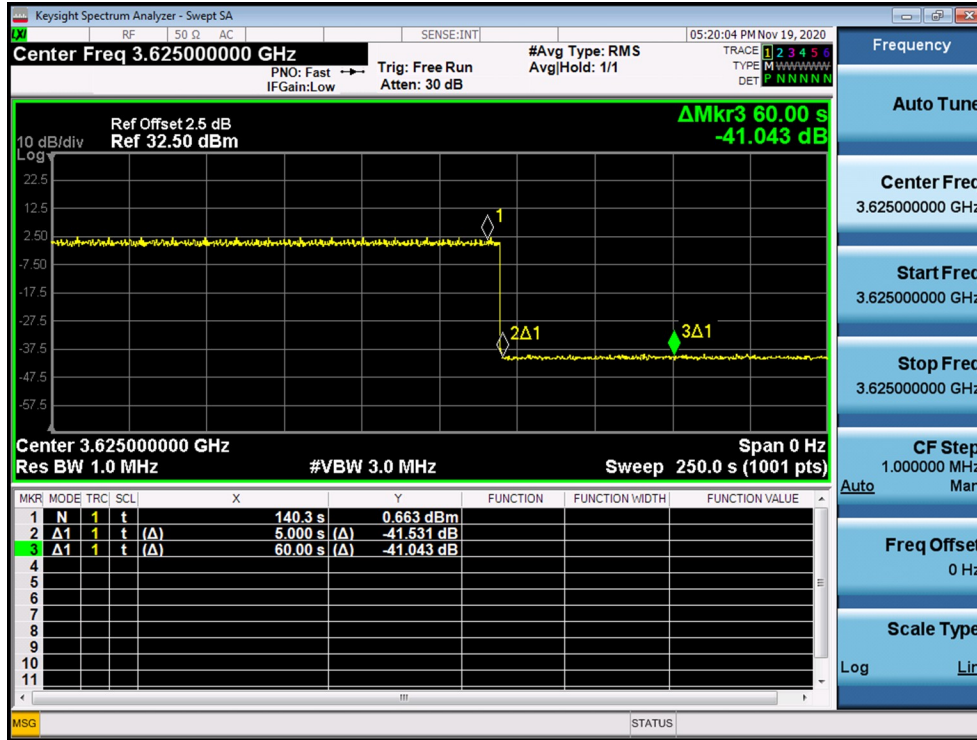
FCC ID: 2AXTR-ECL2248-2723	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	EUCAST	Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station		Page 33 of 59

A16 [WINNF.FT.C.HBT.7] Heartbeat responseCode=502 (UNSYNC_OP_PARAM)



	Test Execution Steps	PASS	FAIL
1	<p>Ensure the following conditions are met for test entry:</p> <ul style="list-style-type: none"> • UUT has registered successfully with SAS Test Harness • UUT has a valid single grant as follows: <ul style="list-style-type: none"> o valid cbsdId = C o valid grantId = G o grant is for frequency range F, power P o 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	<p>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:</p> <ul style="list-style-type: none"> • cbsdId = C • grantId = G • operationState = "AUTHORIZED" 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	<p>SAS Test Harness sends a Heartbeat Response message, including the following parameters:</p> <ul style="list-style-type: none"> • cbsdId = C • grantId = G • transmitExpireTime = T = Current UTC time • responseCode = 502 (UNSYNC_OP_PARAM) 	--	--
4	<p>After completion of step 3, SAS Test Harness shall not allow any further grants to the UUT.</p>	--	--
5	<p>Monitor the SAS-CBSD interface. Verify:</p> <ul style="list-style-type: none"> • UUT sends a Grant Relinquishment Request message. Verify message is correctly formatted with parameters: <ul style="list-style-type: none"> o cbsdId = C o grantId = G <p>Monitor the RF output of the UUT. Verify:</p> <ul style="list-style-type: none"> • UUT shall stop transmission within (T+60) seconds of completion of step 3. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 34 of 59	

Test Plots:





Plot 17. Conducted Measurement - RF transmission stops within 60s of SAS message. The SAS message is indicated by Marker 1 (WINNF.FT.C.HBT.7)

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station		Page 35 of 59

A17 [WINNF.FT.C.HBT.9] Heartbeat Response Absent (First Heartbeat)



	Test Execution Steps	PASS	FAIL
1	Ensure the following conditions are met for test entry: <ul style="list-style-type: none"> • UUT has registered successfully with SAS Test Harness • UUT has a valid single grant as follows: <ul style="list-style-type: none"> o valid cbsId = C o valid grantId = G o grant is for frequency range F, power P o 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: <ul style="list-style-type: none"> • cbsId = C • grantId = G • operationState = "GRANTED" 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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: <ul style="list-style-type: none"> • At any time during the test, UUT shall not transmit on RF interface 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 36 of 59	

Test Plots:




Plot 18. Conducted Measurement – No RF transmission in entire band at anytime (WINNF.FT.C.HBT.9)

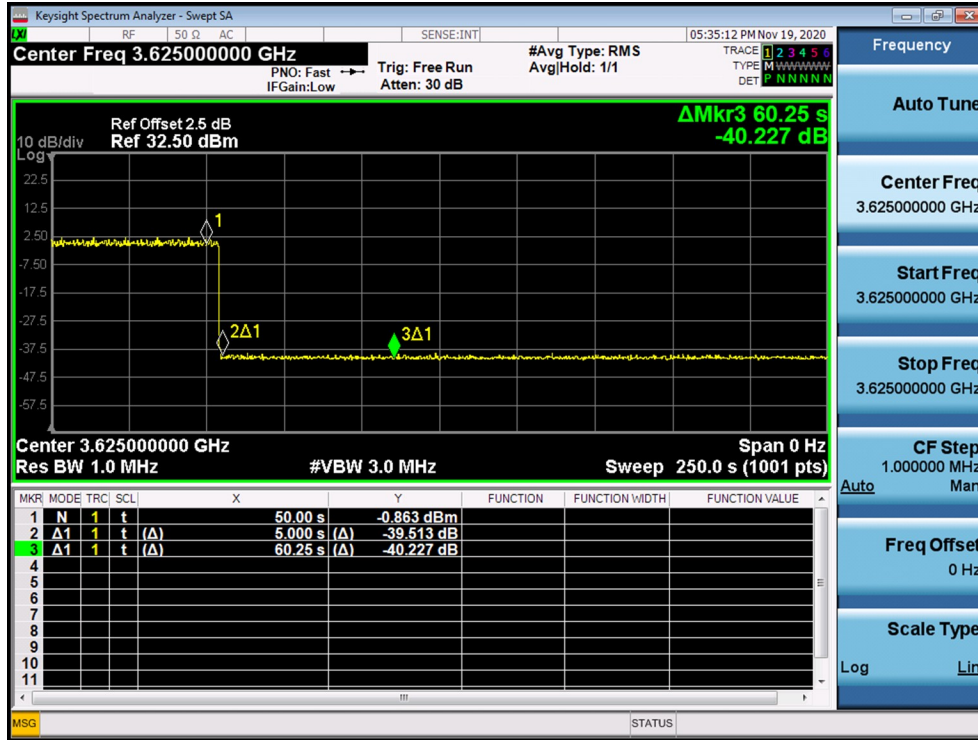
FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station		Page 37 of 59

A18 [WINNF.FT.C.HBT.10] Heartbeat Response Absent (Subsequent Heartbeat)

	Test Execution Steps	PASS	FAIL
1	<p>Ensure the following conditions are met for test entry:</p> <ul style="list-style-type: none"> • UUT has registered successfully with SAS Test Harness • UUT has a valid single grant as follows: <ul style="list-style-type: none"> o valid cbsdId = C o valid grantId = G o grant is for frequency range F, power P o 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	<p>UUT sends a Heartbeat Request message. Verify Heartbeat Request message is sent within the latest specified heartbeatInterval, and is formatted correctly, including:</p> <ul style="list-style-type: none"> • cbsdId = C • grantId = G • operationState = "AUTHORIZED" 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	<p>SAS Test Harness sends a Heartbeat Response message, including the following parameters:</p> <ul style="list-style-type: none"> • cbsdId = C • grantId = G • transmitExpireTime = current UTC time + 200 seconds • responseCode = 0 	--	--
4	<p>After completion of Step 3, SAS Test Harness does not respond to any further messages from UUT</p>	--	--
5	<p>Monitor the RF output of the UUT. Verify:</p> <ul style="list-style-type: none"> • UUT shall stop all transmission on RF interface within (transmitExpireTime + 60 seconds), using the transmitExpireTime sent in Step 3. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 38 of 59	

Test Plots:





Plot 19. Conducted Measurement - RF transmission stops within transmitExpireTime + 60s. The last SAS heartbeat message is indicated by Marker 1 (WINNF.FT.C.HBT.10)

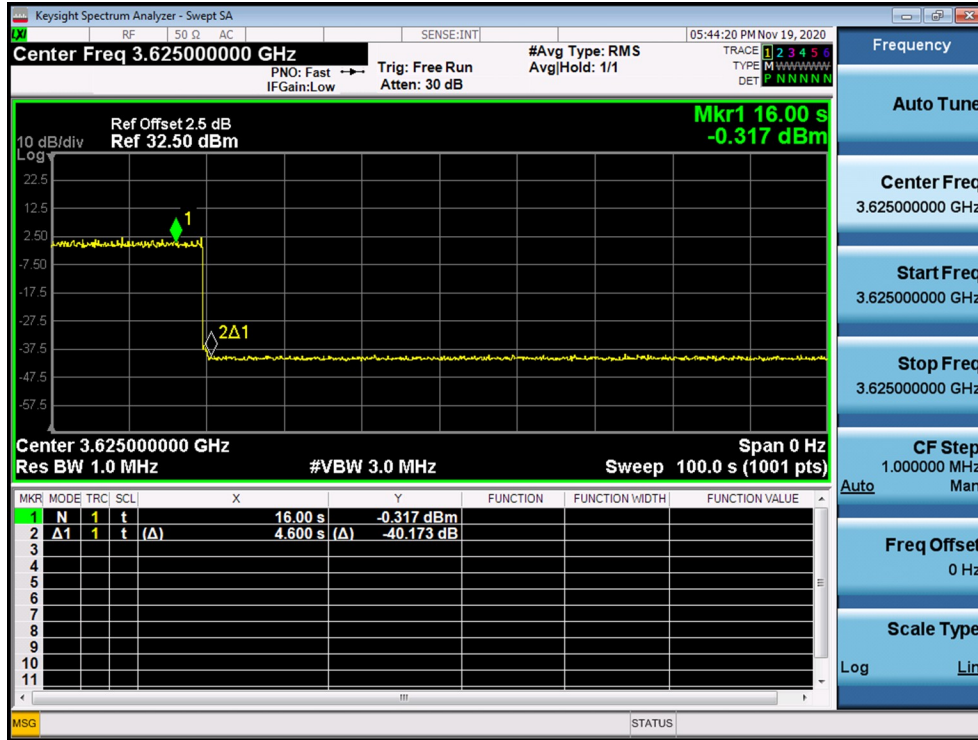
FCC ID: 2AXTR-ECL2248-2723	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	EUCAST	Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station		Page 39 of 59

A19 [WINNF.FT.C.RLQ.1] Successful Relinquishment

	Test Execution Steps	PASS	FAIL
1	<p>Ensure the following conditions are met for test entry:</p> <ul style="list-style-type: none"> • UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness • UUT has successfully registered with SAS Test Harness, with cbsdId=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. <p>Invoke trigger to relinquish UUT Grant from the SAS Test Harness</p>	--	--
2	<p>UUT sends a Relinquishment Request message. Verify message contains all required parameters properly formatted, and specifically:</p> <ul style="list-style-type: none"> • cbsdId = C • grantId = G 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	<p>SAS Test Harness shall approve the request with a Relinquishment Response message with parameters:</p> <ul style="list-style-type: none"> • cbsdId = C • grantId = G • responseCode = 0 	--	--
4	<p>After completion of step 3, SAS Test Harness will not provide any additional positive response (responseCode=0) to further request messages from the UUT.</p>	--	--
5	<p>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:</p> <ul style="list-style-type: none"> • UUT shall stop RF transmission at any time between triggering the relinquishment and UUT sending the relinquishment request 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 40 of 59	

Test Plots:





Plot 20. Conducted Measurement - RF transmission stops (WINNF.FT.C.RLQ.1)

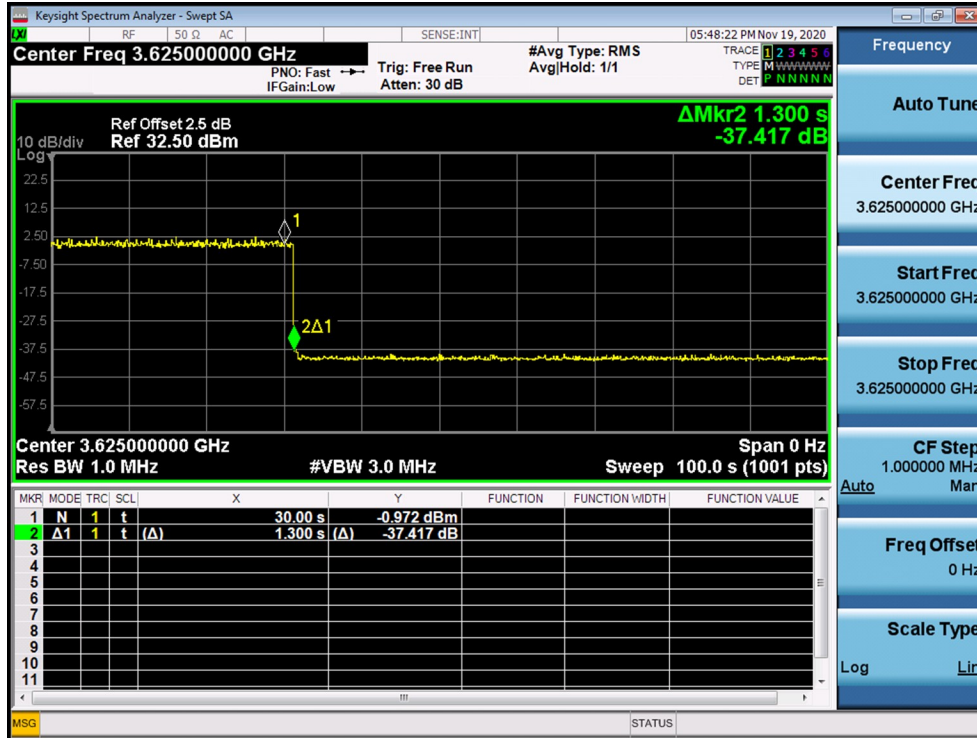
FCC ID: 2AXTR-ECL2248-2723	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station		Page 41 of 59

A20 [WINNF.FT.C.DRG.1] Successful Deregistration

	Test Execution Steps	PASS	FAIL
1	<p>Ensure the following conditions are met for test entry:</p> <ul style="list-style-type: none"> • UUT has successfully completed SAS Discovery and Authentication with SAS Test Harness • UUT has successfully registered with SAS Test Harness, with cbsdId=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. <p>Invoke trigger to deregister UUT from the SAS Test Harness</p>	--	--
2	UUT sends a Relinquishment request and receives Relinquishment response with responseCode=0	--	--
3	UUT sends Deregistration Request to SAS Test Harness with cbsdId = C.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	<p>SAS Test Harness shall approve the request with a Deregistration Response message with parameters:</p> <ul style="list-style-type: none"> • cbsdId = 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	<p>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:</p> <ul style="list-style-type: none"> • UUT stopped RF transmission at any time between triggering the deregistration and either A OR B occurs: <ul style="list-style-type: none"> A. UUT sending a Registration Request message, as this is not mandatory B. UUT sending a Deregistration Request message 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 42 of 59	

Test Plots:





Plot 21. Conducted Measurement - RF transmission stops within 60s. The SAS message is indicated by Marker 1 (WINNF.FT.C.DRG.1)

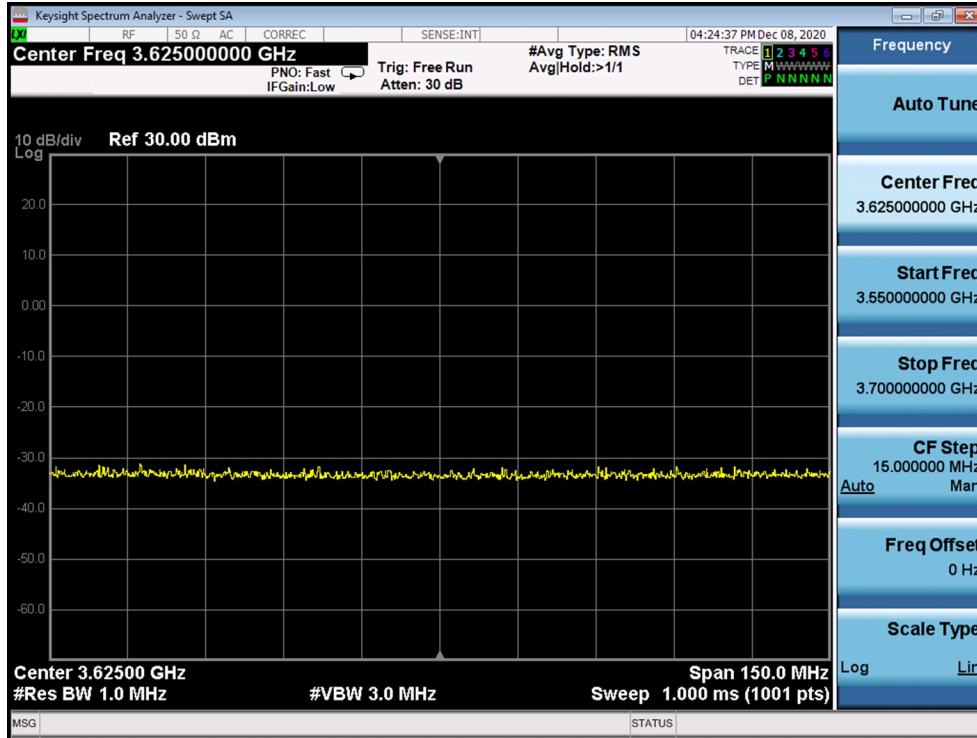
FCC ID: 2AXTR-ECL2248-2723	PCTEST Proud to be part of element	MEASUREMENT REPORT (CERTIFICATION)	EUCAST	Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station		Page 43 of 59

A21 [WINNF.FT.C.SCS.1] Successful TLS connection between UUT and SAS Test Harness

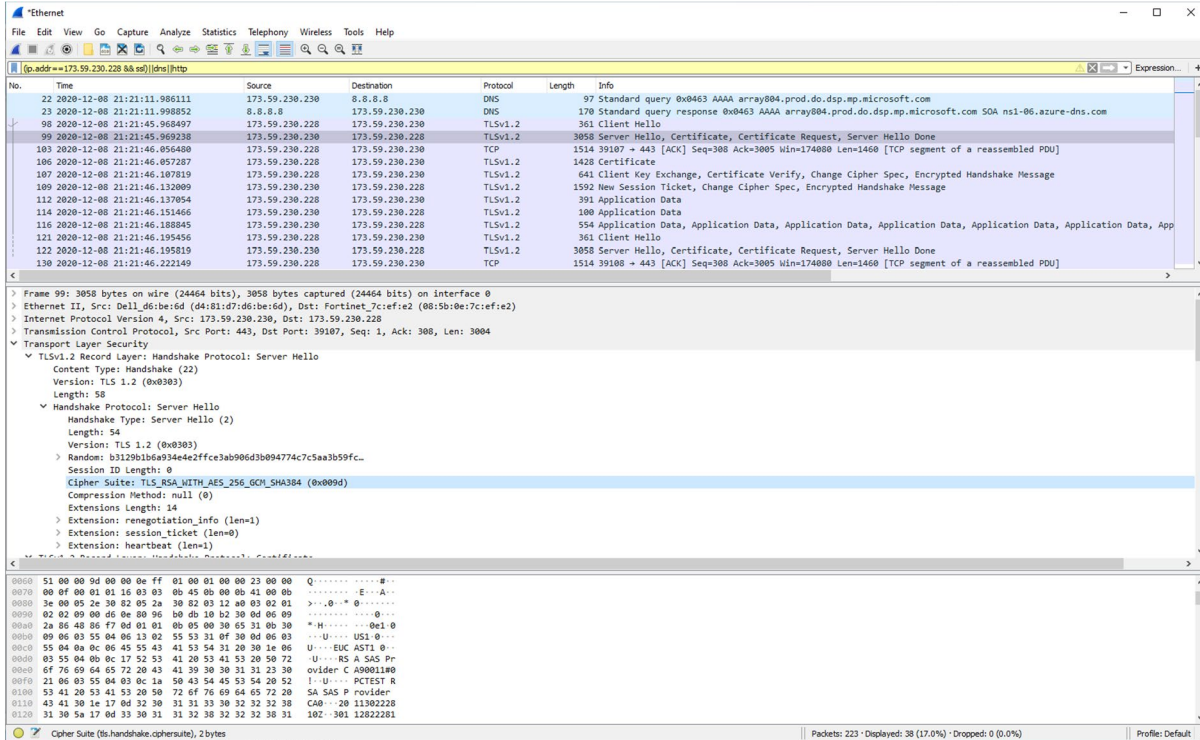
	Test Execution Steps	PASS	FAIL
1	<ul style="list-style-type: none"> • UUT shall start CBSD-SAS communication with the security procedure • The UUT shall establish a TLS handshake with the SAS Test Harness using configured certificate. • Configure the SAS Test Harness to accept the security procedure and establish the connection 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	<ul style="list-style-type: none"> • 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_RSA_WITH_AES_128_GCM_SHA256 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	<p>A successful registration is accomplished using one of the test cases described in section 6.1.4.1, depending on CBSD capability.</p> <ul style="list-style-type: none"> • UUT sends a registration request to the SAS Test Harness and the SAS Test Harness sends a Registration Response with responseCode = 0 and cbsdId. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	<p>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:</p> <ul style="list-style-type: none"> • UUT shall not transmit RF 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 44 of 59	

Test Plots:



Plot 22. Conducted Measurement – No RF transmission in entire band at anytime (WINNF.FT.C.SCS.1)



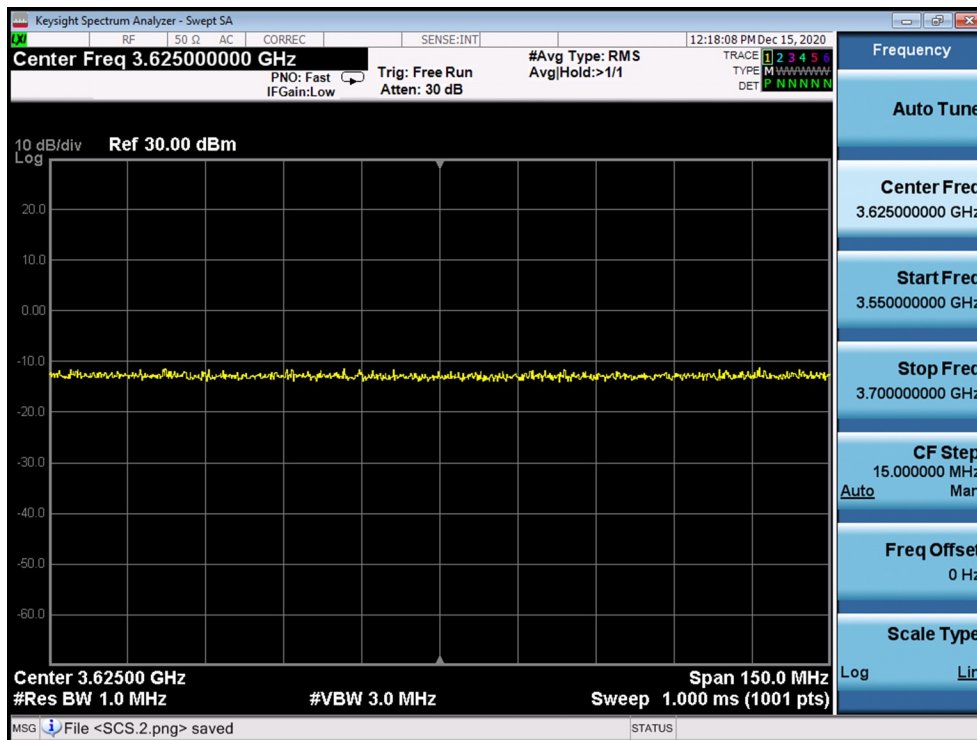
Plot 23. WireShark Screenshot (WINNF.FT.C.SCS.1)

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station		Page 45 of 59



A22 [WINNF.FT.C.SCS.2] TLS failure due to revoked certificate

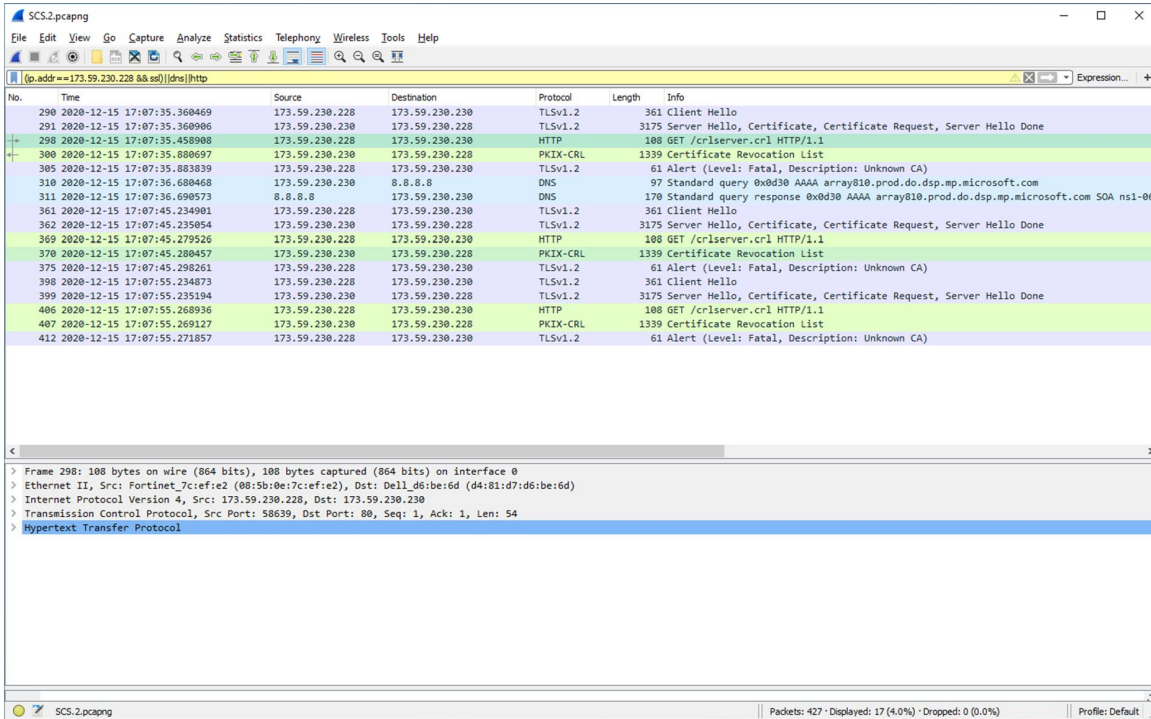
	Test Execution Steps	PASS	FAIL
1	• UUT shall start CBSD-SAS communication with the security procedure	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	<ul style="list-style-type: none"> • Make sure that UUT uses TLS v1.2 for security establishment. • Make sure UUT selects the correct cipher 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 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	UUT may retry for the security procedure which shall fail	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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: <ul style="list-style-type: none"> • UUT shall not transmit RF 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Test Plots:






Plot 24. Conducted Measurement – No RF transmission in entire band at anytime (WINNF.FT.C.SCS.2)

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 46 of 59	



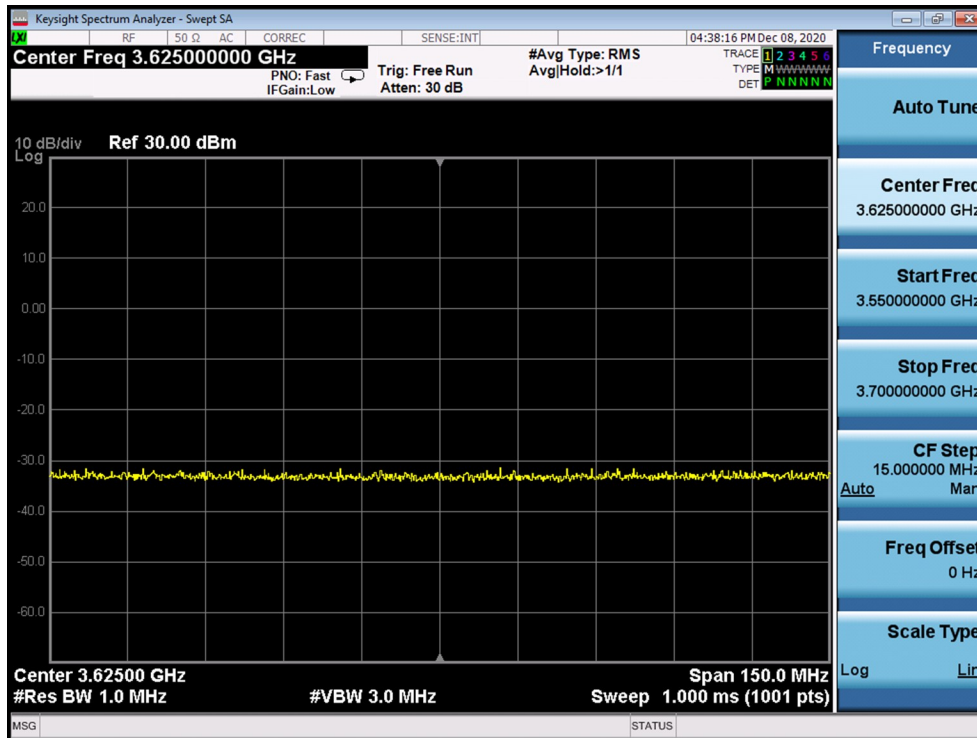
Plot 25. Wireshark Screenshot (WINNF.FT.C.SCS.2)

FCC ID: 2AXTR-ECL2248-2723	 Proud to be part of 	MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station		Page 47 of 59



A23 [WINNF.FT.C.SCS.3] TLS failure due to expired server certificate

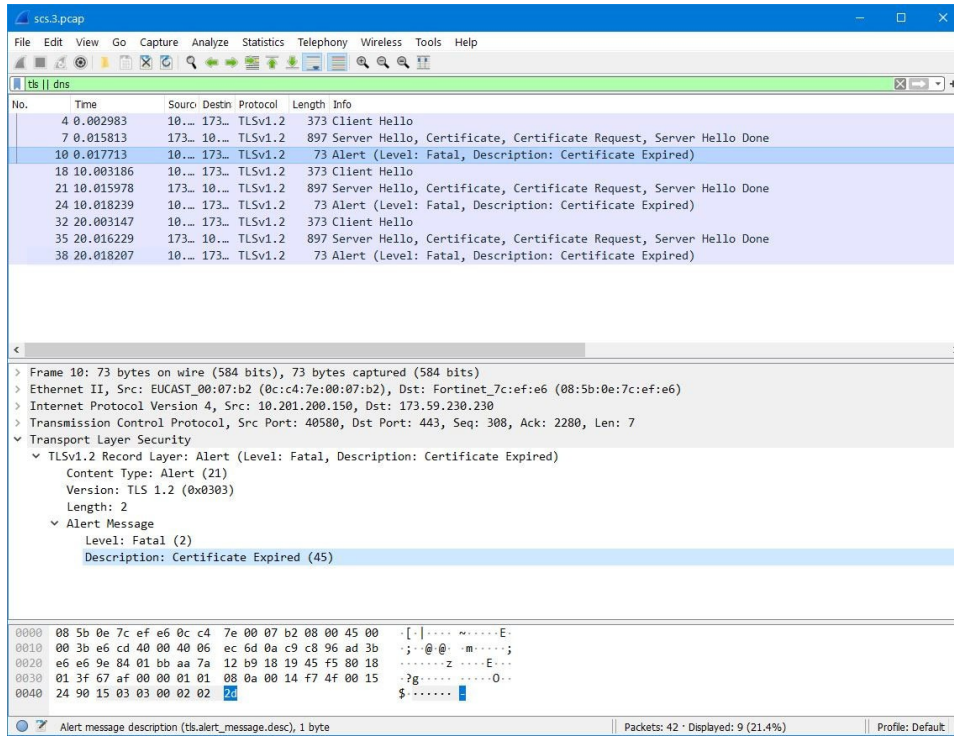
	Test Execution Steps	PASS	FAIL
1	<ul style="list-style-type: none"> • UUT shall start CBSD-SAS communication with the security procedure 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	<ul style="list-style-type: none"> • Make sure that UUT uses TLS v1.2 for security establishment. • 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. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	UUT may retry for the security procedure which shall fail	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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: <ul style="list-style-type: none"> • UUT shall not transmit RF 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Test Plots:





Plot 26. Conducted Measurement – No RF transmission in entire band at anytime (WINNF.FT.C.SCS.3)

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 48 of 59	



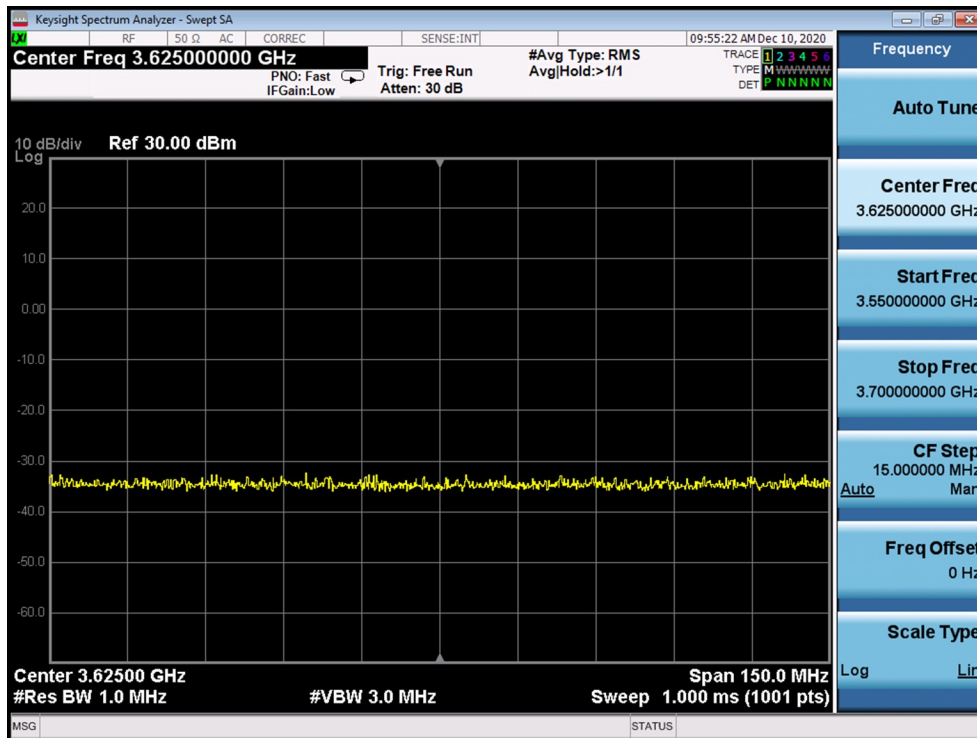
Plot 27. Wireshark Screenshot (WINNF.FT.C.SCS.3)

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 49 of 59	



A24 [WINNF.FT.C.SCS.4] TLS failure when SAS Test Harness certificate is issued by an unknown CA

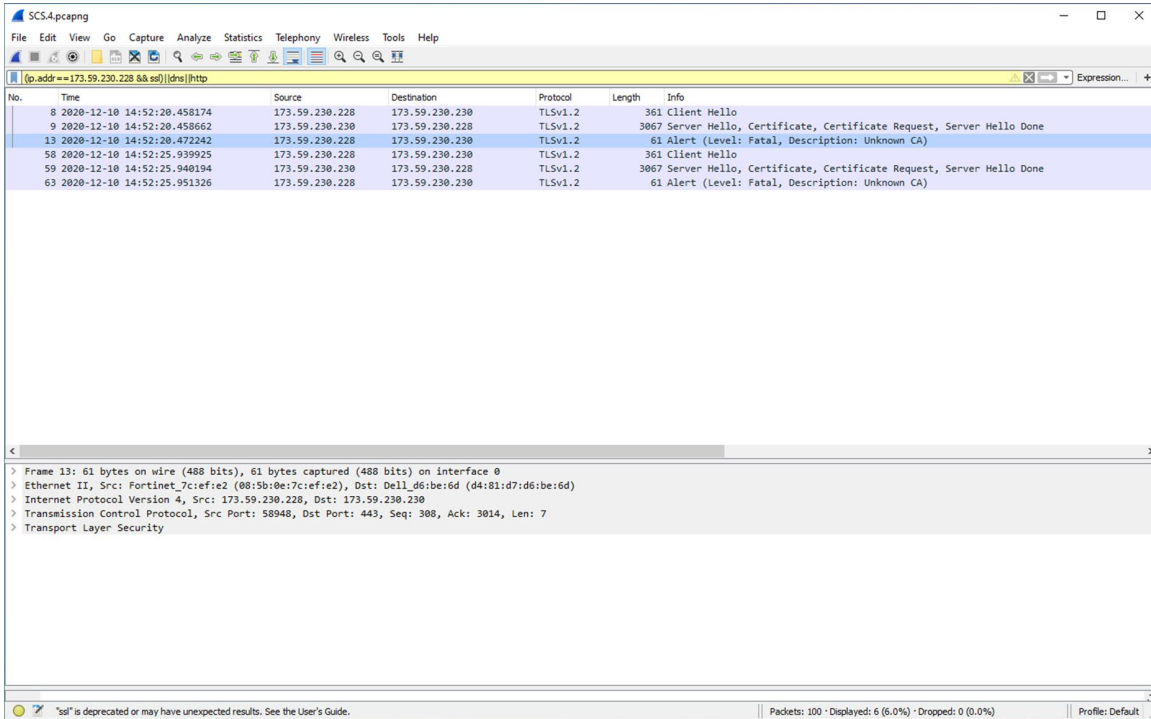
	Test Execution Steps	PASS	FAIL
1	• UUT shall start CBSD-SAS communication with the security procedure	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	• Make sure that UUT uses TLS v1.2 for security establishment. • Make sure UUT selects the correct cipher suite. • UUT shall use CRL or OCSP to verify the validity of the server certificate. • Make sure that Mutual authentication does not happen between UUT and the SAS Test Harness.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	UUT may retry for the security procedure which shall fail	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Test Plots:





Plot 28. Conducted Measurement – No RF transmission in entire band at anytime (WINNF.FT.C.SCS.4)

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station		Page 50 of 59



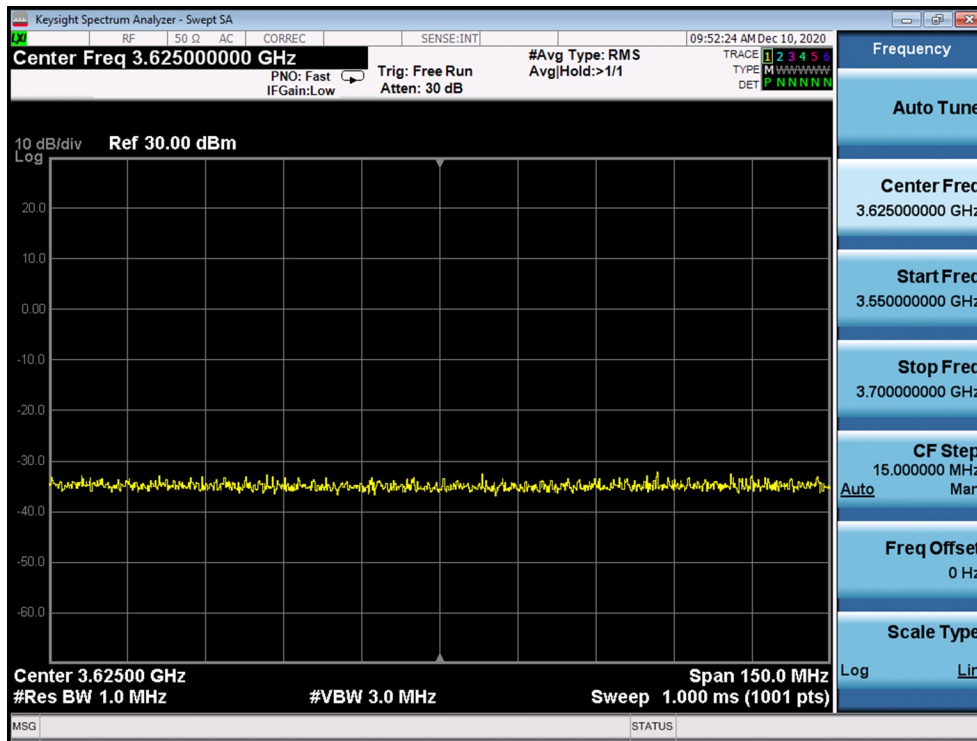
Plot 29. Wireshark Screenshot (WINNF.FT.C.SCS.4)

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station		Page 51 of 59



A25 [WINNF.FT.C.SCS.5] TLS failure when certificate at the SAS Test Harness is corrupted

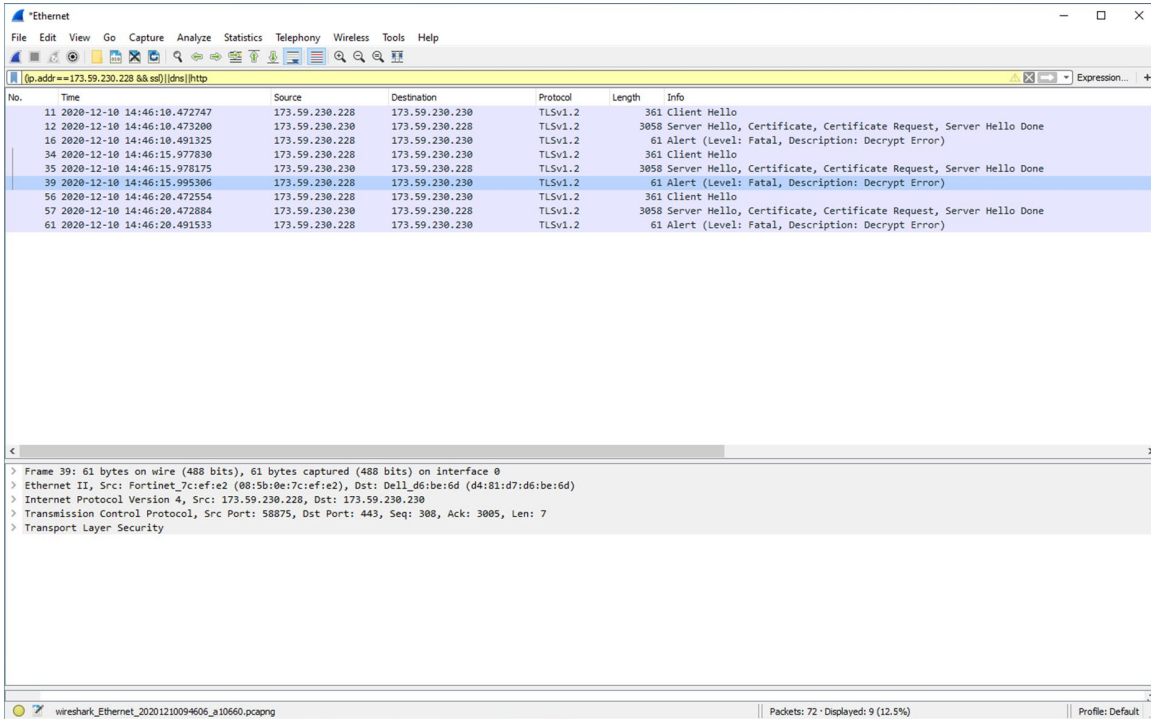
	Test Execution Steps	PASS	FAIL
1	• UUT shall start CBSD-SAS communication with the security procedure	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	• Make sure that UUT uses TLS v1.2 for security establishment. • Make sure UUT selects the correct cipher suite. • UUT shall use CRL or OCSP to verify the validity of the server certificate. • Make sure that Mutual authentication does not happen between UUT and the SAS Test Harness.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	UUT may retry for the security procedure which shall fail	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Test Plots:





Plot 30. Conducted Measurement – No RF transmission in entire band at anytime (WINNF.FT.C.SCS.5)

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station		Page 52 of 59





Plot 31. Wireshark Screenshot (WINNF.FT.C.SCS.5)

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 53 of 59	

A26 [WINNF.PT.C.HBT.1] UUT RF Transmit Power Measurement

	Test Execution Steps	PASS	FAIL
1	<p>Ensure the following conditions are met for test entry:</p> <ul style="list-style-type: none"> • UUT has successfully completed SAS Discovery and Authentication with the SAS Test Harness • UUT has registered with the SAS, with CBSID 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 <p><i>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.</i></p>	--	--
2	<p>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:</p> <ul style="list-style-type: none"> • UUT sends Heartbeat Request, including: <ul style="list-style-type: none"> o cbsdId = C o grantId = G • SAS Test Harness responds with Heartbeat Response, including: <ul style="list-style-type: none"> o cbsdId = C o grantId = G o transmitExpireTime = current UTC time + 200 seconds o responseCode = 0 	--	--
3	<p>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.</p> <p><i>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.</i></p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 54 of 59	



RF Power Measurements:

Testing is performed per KDB 971168 D01 and across the transmit dynamic range of 19dBm/MHz to 20dBm/MHz for 20MHz Bandwidth.

The UUT was configured to transmit on a fully loaded channel in MIMO mode with both Antenna1 and Antenna2 active. The EIRP of both antennas were calculated and then summed for Total MIMO EIRP.

Freq [MHz]	SAS Granted maxEIRP [dBm/MHz]	Tx1 Conducted PSD [dBm/MHz]	Tx1 Ant Gain [dBi]	Tx1 EIRP [dBm/MHz]	Tx2 Conducted PSD [dBm/MHz]	Tx2 Ant Gain [dBi]	Tx2 EIRP [dBm/MHz]	Total MIMO maxEIRP [dBm/MHz]	Margin [dB]
3625	19	7.926	5.79	13.716	7.641	5.98	13.621	16.68	-2.32
3625	15	3.406	5.79	9.196	4.757	5.98	10.737	13.04	-1.96
3625	10	-0.995	5.79	4.795	-1.126	5.98	4.854	7.83	-2.17

Table 7-1 RF Output Power Measurements (WINNF.PT.C.HBT)

FCC ID: 2AXTR-ECL2248-2723		MEASUREMENT REPORT (CERTIFICATION)		Approved by: Quality Manager
Test Report S/N: 3M2011170083	Test Dates: 11/17/2020 - 12/15/2020	EUT Type: LTE enterprise small cell base station	Page 55 of 59	