

Equipment Vendor: Motorola

Device	AP Controller	AP-1	AP-2	AP-3	
HW Model	NX9510	AP7131	AP7131	AP7131	
HW Version	Rev A	FPGA Rev 2.15	FPGA Rev 2.18	FPGA Rev 2.18	
SW Version		WiNG	5.5.0.0		
Serial Number	B4C7996C87-F7	10180520900359	10180520900471	11152520900187	

MANDATORY

CHECKLIST ITEMS

4.4 REQUIREMENT 3.2.1.3: 802.11N WI-FI CERTIFIED

4.4.1 Access Point is 802.11n certified

Required for qualificationYesDescriptionThe Access Point is WFA (Wi-Fi Alliance) certified for 802.11n and partner has
documented the same.

Test Case ID	Supported / Not Supported	Reference
372954	Supported	http://certifications.prod.wi-fi.org/pdf/certificate/public/download?cid=WFA13462

4.5 REQUIREMENT 3.2.1.4: WPA2 ENTERPRISE CERTIFIED

4.5.1 Access Point is certified for WPA2 Enterprise

Required for qualification Yes					
Description The		Access Point is WiFi certified for WPA2 Enterprise by WFA and partner has			
documented the same.					
Test Case ID	Supported /	/ Reference			
	Not Support	ed			
372960 Supported		http://certifications.prod.wi-fi.org/pdf/certificate/public/download?cid=WFA13462			

5.2 REQUIREMENT 3.2.1.5: WMM CERTIFIED

5.2.1 Access Point is certified for WMM

Required for qualification Yes

Description The Access Point is WFA (Wi-Fi Alliance) certified for WMM and partner has documented the same.

	the	
Test Case ID	Supported / Not Supported	Reference
372961	Supported	http://certifications.prod.wi-fi.org/pdf/certificate/public/download?cid=WFA13462

5.3 REQUIREMENT 3.2.1.6: SPATIAL STREAM

5.3.1 Access Point documentation must disclose how many spatial streams are supported

Required for qualification	Yes					
Description	Vendor d	Vendor documentation must disclose how many spatial streams are supported. In order for				
	the test to pass at least 2 spatial streams must be supported.					
Test Case ID	Supported /	Reference				

lest case ib	Supported /	Reference
	Not Supported	
393050	Supported	http://www.motorolasolutions.com/web/Business/Products/Wireless%20LAN%20Devices/

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	WLAN%20Access%20Points/AP-7131/_Documents/_staticfiles/AP-7131_Spec-Sheet_0910-
	web.pdf
	http://certifications.prod.wi-fi.org/pdf/certificate/public/download?cid=WFA13462
	2 spatial streams (3x3:2) are supported.

5.5 REQUIREMENT 3.2.2.1: DYNAMIC RF POWER MANAGEMENT

5.5.1 Access Point supports RF Power Management in a voice/video enabled network

Required for qualification	Yes	
Description	Access Poi	nt supports RF Power Management in a voice/video enabled network.
Test Case ID	Supported /	Reference
	Not Supported	
394651	Supported	http://www.motorolasolutions.com/web/Business/Products/Wireless%20LAN%20
		Devices/WLAN%20Access%20Points/AP-7131/_Documents/_staticfiles/AP-
		7131_Spec-Sheet_0910-web.pdf

5.6 REQUIREMENT 3.2.2.2: DYNAMIC CHANNEL SELECTION

5.6.1 Access Point supports Dynamic Channel Selection

Required for	Yes	
qualification		
Description	Access Poin	t supports Dynamic Channel Selection.
Test Case ID	Supported /	Reference
	Not Supported	
394578	Supported	http://www.motorolasolutions.com/web/Business/Products/Wireless%20LAN%20Devices/
	••	Documents/ static%20files/EWLAN-At-A-Glance-Brochure.pdf

4 DATA

4.5 REQUIREMENT 3.2.1.4: WPA2 ENTERPRISE CERTIFIE

4.5.2 Access Point authenticates Lync End Point using WPA2 PSK

Required for qualification Yes

Description The time taken by Access Point for authentication and association response during WPA2 PSK should be less than 100ms.

Test Case ID	Test Result							
393791	Pass	Pass						
	Jitter Round Trip Delay Packet Loss NMOS					1OS		
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller
	0 msec	2 msec	5 msec	4 msec	0%	0%	4.23	4.20
Note	Respose time = 37 msec							

4.5.3 Access Point authenticates Lync End Point using WPA2 Enterprise (802.1x/802.11i)

Required for qualificationYesDescriptionThe

The time taken by Access Point for authentication and association response when using WPA2 802.1x should be less than 250ms while using PEAP CHAP v2.

Test Case ID	Test Result							
393798	Pass	Pass						
Jitter Round Trip Delay				rip Delay	Packet Loss NMOS			/IOS
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller
	0 msec	1 msec	3 msec	3 msec	0%	0%	4.23	4.24
Note	Respose time = 204 msec							

4.15 REQUIREMENT 3.2.5.1: BALANCING CLIENTS ACROSS ACCESS POINTS

4.15.1 Access Point responds with busy signal when it has reached maximum allowable

USERS Required for qualific Description	Tation Yes Access Point responds with busy signal to client when it has reached maximum allowable clients and cannot accept any more associations. (Although this is an Access Point feature, the intent is to test Lync interop when the Access Point feature is enabled, hence the need to test this feature with a Lync call and measure its impact on call quality).
Test Case ID	Test Result
392022	Pass
Note	

4.15.2 WLAN system load balances clients across Access Points

Required for qualific	ation Yes
Description	Access Point responds with busy signal to client when it is saturated and cannot accept
	any more associations.
Test Case ID	Test Result

Test Case ID	Test Result
391946	Pass
Note	

4.20 REQUIREMENT 3.2.7.1: ENCRYPTION SUPPORT

4.20.1 Access Point supports WPA2-AES Encryption

Required for qualification Yes

Description	Access Point supports WPA2-AES Encryption.
Test Case ID	Test Result
394799	Pass
Note	

4.20.4 Access Point supports WPA-TKIP Encryption

 Required for qualification
 Yes

 Description
 Access Point supports WPA-TKIP Encryption.

 Test Case ID
 Test Result

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394798	Pass
Note	

4.26.1 Access Point performs rogue Access Point detection while servicing voice call

Required for qualification Yes

Description

Access Point performs rogue Access Point detection without affecting call quality. The intension of the test is not to verify rogue Access Point detection but to ensure that Lync call quality is not affected when the Access Point attempts to perform rogue Access Point detection.

	-								
Test Case ID	Test Resu	t							
394811	Pass								
	Jit	Jitter Round Trip Delay Packet Loss					N	NMOS	
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller	
	1 msec	0 msec	4 msec	4 msec	0%	0%	4.24	4.23	
Note									

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5.3 REQUIREMENT 3.2.1.6: SPATIAL STREAM

5.3.2 Access Point has at least two transmit antennas

Required for qualificationYesDescriptionThe Access Point must have at least two transmit antennas in order to support at least
two spatial streams

Test Case ID	Test Result
372967	Pass
Note	Each AP has 2 radios, each with 3 antennas operating up to 3x3:2.

5.3.3 Access Point has at least two receive antennas

Required for qualific	Yes				
Description	The Access Point must have at least two receive antennas in order to support at least				
	two spatial streams				
Test Case ID	Test Result				
372969	Pass				

Note Each AP has 2 radios, each with 3 antennas operating up to 3x3:2.

5.4 REQUIREMENT 3.2.1.7: DUAL BAND OPERATION

5.4.1 Access Point can handle calls in both bands, and support calls that go between bands

Required for qualification Yes

DescriptionAccess Point can handle calls in both bands, including calls that go between bands (if
concurrent dual band operation is supported.

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Test Case ID	Test Result										
373551	Pass	Pass									
Lync QoE Results	Jitter		Round Trip Delay		Packet Loss		NMOS				
Between 2.4-GHz	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->			
Clients	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller			
	2 msec	6 msec	7 msec	6 msec	0%	0.20%	4.15	4.15			
Between 5-GHz	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->			
Client	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller			
	2 msec	3 msec	4 msec	4 msec	0%	0%	4.21	4.18			
Between Mixed	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->			
Clientss	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller			
	5 msec	4 msec	5 msec	4 msec	0%	0%	4.18	4.16			
Note											

5.7 REQUIREMENT 3.2.2.6: DEFER INTRUSION DETECTION AND SCANNING WHILE PROCESSING REAL-TIME TRAFFIC

5.7.1 WLAN does not cause degradation of call quality while doing Intrusion Prevention (Rogue Access Point)

Required for qualification Yes

 Description
 WLAN does not cause more than 3 consecutive lost packets while doing Intrusion

 Detection.

Test Case ID	Test Result								
414487	Pass								
	Jit	ter Round Trip Delay		Packet Loss		NMOS			
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller	
	0 msec	1 msec	3 msec	4 msec	0%	0%	4.24	4.23	
Note	Full-time f	ull-function i	ntrusion det	ection and so	canning requ	uires a dedica	ted radio.	Tri-radio	
	Motorola /	Motorola APs are available to support simultaneous dual-band operation and							
	detection/	scanning.							

5.8 REQUIREMENT 3.2.6.1: WMM TAG MAPPING

5.8.1 Access Point maps 802.11e (WMM) priority tag for video traffic to 802.1p priority tag for video traffic on the network side

Required for qualificationYesDescriptionAccess Point maps WMM tag for video traffic (4, 5) in the received wireless frames to
802.1p tag in the frames transmitted on the outbound network interface.

Test Case ID	Test Resul	t							
392710	Pass								
	Jit	ter	Round T	Round Trip Delay Packet Loss				NMOS	
Lync QoE Results	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	
	3 msec	3 msec	4 msec	3 msec	0%	0%	4.18	4.17	
Note									

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5.8.2 Access Point maps 802.11e (WMM) priority tag for voice traffic to 802.1p priority tag for voice traffic on the network side

Required for qualification Yes Description

Access Point maps WMM tag for voice traffic (6, 7) in the received wireless frames to 802.1p tag in the frames transmitted on the outbound network interface.

Test Case ID	Test Resul	t						
392709	Pass							
	Jitter Round Trip Delay Packet Loss					NMOS		
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller
	1 msec	1 msec	2 msec	2 msec	0%	0%	4.23	4.19
Note								

5.9 REQUIREMENT 3.2.6.5: PRIORITIZING TRAFFIC

5.9.1 Access Point can prioritize voice over video and video over data traffic with WMM and 802.1p tagging enabled

Required for qualification Yes

Description

Description

Access Point can prioritize voice over video and video over data traffic when WMM and 802.1p tagging is enabled.

Test Case ID	Test Resu	t							
394329	Pass								
	Jit	tter	Round 1	Round Trip Delay Packet Loss				NMOS	
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller	
	2 msec	2 msec	3 msec	4 msec	0%	0%	4.19	4.13	
Note									

5.9.2 Access Point can prioritize voice over video and video over data traffic with WMM tagging disabled and 802.1p tagging enabled

Required for qualification Yes

Access Point can prioritize voice over video and video over data traffic when WMM tagging is disabled and 802.1p tagging is enabled.

		0 0		1 00 0				
Test Case ID	Test Resu	t						
394332	Pass							
	Jit	tter	Round 1	Trip Delay	Pack	et Loss	N	vios
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller
	1 msec	3 msec	6 msec	5 msec	0%	0%	4.23	4.20
Note								

5.9.3 Access Point can prioritize voice over video and video over data traffic with WMM tagging enabled and 802.1p tagging disabled

00 0	
Required for qualifica	ation Yes
Description	Access Point can prioritize voice over video and video over data traffic when WMM
	tagging is enabled and 802.1p tagging is disabled
Test Case ID	Test Result

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394333	Pass							
	Jit	tter	Round 1	Trip Delay	Pack	et Loss	N	MOS
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller
	1 msec	4 msec	4 msec	4 msec	0%	0%	4.21	4.10
Note								

5.11 REQUIREMENT 3.2.6.11: PRIORITY TAG MAPPING TO TUNNEL PRIORITY

5.11.1 Access Points that tunnel all client traffic to controller map DSCP tags from the wired Lync End Point to DSCP tunnel priority tags

Required for qualifica	ition Yes
Description	When Lync End Point1 makes a voice call to Lync End Point2 via Access Point that
	tunnels all traffic to controller/Access Point, WMM tags from the client traffic is mapped
	to tunnel priority markings of 802.1p.
Test Case ID	Test Posult

Test Case ID	Test Result
393466	Pass
Note	

5.11.2 Access Points that tunnel all client traffic to controller map WMM tags to DSCP

tunnel priority tags

 Required for qualification
 Yes

 Description
 When Lync End Point1 makes a voice call to Lync End Point7 via Access Point1 that tunnels all traffic to controller, WMM tags from the client traffic is mapped to tunnel priority markings of DSCP.

 Test Case ID
 Test Result

Test Case ID	Test Result
393469	Pass
Note	

5.12 REQUIREMENT 3.2.9.1: SCALABILITY OF WIDE BAND CODEC VOICE CALLS WITHOUT BACKGROUND TRAFFIC

5.12.1 Access Point must be able to handle at least one wide band codec voice call with no background traffic

Required for qualificationYesDescriptionAcc

Access Point must be able to handle at least one wide band codec voice call (two clients in call with each other) when there is no background traffic in uplink and downlink directions.

Test Case ID	Test Result
396137	Pass
Note	Tested with 60 emulated voice (G.711) clients,; minimum MOS > 4.0.

5.13 REQUIREMENT 3.2.9.2: SCALABILITY OF VIDEO VGA CALLS WITHOUT BACKGROUND TRAFFIC

5.13.1 Access Point must be able to handle at least one video call with no background traffic

Required for qualification Yes

Description

Access Point must be able to handle at least one video call when there is no background traffic in uplink and downlink directions.

Test Case ID	Test Result
397104	Pass
Note	Tested with 30 emulated voice (G.711) + video (H.263/RTP) clients; minimum MOS > 4.0.

5.14 REQUIREMENT 3.2.9.3: SCALABILITY OF WIDE BAND CODEC VOICE CALLS WITH DOWNSTREAM UDP TRAFFIC AND 80% CHANNEL UTILIZATION

5.14.1 Access Point must be able to handle at least one wide band codec voice call with 150 Mbps downstream UDP traffic

Required for qualificationYesDescriptionAccel

Access Point must be able to handle at least one wide band codec voice call with 150 Mbps downstream UDP traffic.

Test Case ID	Test Result
396150	Pass
Note	Tested with 60 emulated voice (G.711) clients,; minimum MOS > 4.0.

5.15 REQUIREMENT 3.2.9.4: SCALABILITY OF WIDE BAND CODEC VOICE CALLS WITH UPSTREAM UDP BACKGROUND TRAFFIC OF **100**%

5.15.1 Access Point must be able to handle at least one wide band codec voice call with saturated upstream UDP traffic

 Required for qualification
 Yes

 Description
 Access Point must be able to handle at least one wide band codec voice call with saturated upstream UDP traffic.

 Test Case ID
 Test Result

 396158
 Pass

396158	Pass
Note	Tested with 60 emulated voice (G.711) clients,; minimum MOS > 4.0.

5.16 REQUIREMENT 3.2.9.5: SCALABILITY OF VIDEO VGA CALLS WITH SATURATED DOWNSTREAM UDP BACKGROUND TRAFFIC OF 100%

5.16.1 Access Point must be able to handle at least one video call with saturated downstream UDP background traffic

Required for qualificationYesDescriptionAccess Point must be able to handle at least one video call with saturated
downstream UDP background traffic of 100%.

Test Case ID	Test Result
397110	Pass

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Note Tested with 30 emulated voice (G.711) + video (H.263/RTP) clients; minimum MOS > 4.0.

5.17 REQUIREMENT 3.2.9.6: SCALABILITY OF VIDEO VGA CALLS WITH SATURATED UPSTREAM UDP BACKGROUND TRAFFIC OF 100%

5.17.1 Access Point must be able to handle at least one video call with saturated upstream UDP background traffic

Required for qualification Yes

DescriptionAccess Point must be able to handle at least one video call with saturated upstream UDP
background traffic of 100%.

Test Case ID	Test Result
397109	Pass
Note	Tested with 30 emulated voice (G.711) + video (H.263/RTP) clients; minimum MOS > 4.0.

5.18 REQUIREMENT 3.2.9.7: SCALABILITY OF WIDE BAND CODEC VOICE CALLS WITH DOWNSTREAM BACKGROUND TCP TRAFFIC AND CHANNEL UTILIZATION OF 80%

5.18.1 Access Point must be able to handle at least five wide band codec voice call with 150 Mbps downstream TCP background traffic

Required for qualifica	ation Yes
Description	Access Point must be able to handle at least five wide band codec voice calls with 150
	Mbps downstream TCP background traffic.
Tast Case ID	Tast Desult

Test Case ID	Test Result
396152	Pass
Note	Tested with 60 emulated voice (G.711) clients,; minimum MOS > 4.0.

5.19 REQUIREMENT 3.2.9.8: SCALABILITY OF WIDE BAND CODEC VOICE CALLS WITH SATURATED UPSTREAM TCP BACKGROUND TRAFFIC OF 100%

5.19.1Access Point must be able to handle at least one wide band codec voice call with saturated upstream TCP background traffic

 Required for qualification
 Yes

 Description
 Access Point must be able to handle at least one wide band codec voice call with saturated upstream TCP background traffic of 100%.

 Test Case ID
 Test Result

Test Case ID	lest Result
396162	Pass
Note	Tested with 60 emulated voice (G.711) clients,; minimum MOS > 4.0.

5.20 REQUIREMENT 3.2.9.9: SCALABILITY OF VIDEO VGA CALLS WITH SATURATED DOWNSTREAM TCP BACKGROUND TRAFFIC OF 100%

5.20.1 Access Point must be able to handle at least one video call with saturated downstream TCP background traffic

Required for qualification Yes

Access Point must be able to handle at least one video call with saturated downstream TCP background traffic of 100%.

Test Case ID	Test Result
397111	Pass
Note	Tested with 30 emulated voice (G.711) + video (H.263/RTP) clients; minimum MOS > 4.0.

5.21 REQUIREMENT 3.2.9.10: SCALABILITY OF VIDEO VGA CALLS WITH SATURATED UPSTREAM TCP BACKGROUND TRAFFIC OF 100%

5.21.1 Access Point must be able to handle at least one video call with saturated upstream TCP background traffic

Required for qualification Yes

Description Access Point must be able to handle at least one video call with saturated upst background traffic of 100%.			
Test Case ID	Test Result		
397113	Pass		

Note	Tested with 30 emulated voice (G.711) + video (H.263/RTP) clients; minimum MOS > 4.0.

6 MOBILITY

Description

6.2 REQUIREMENT 3.2.8.1: OKC/PMK CACHING

6.2.1 Access Point authenticates roaming client when PMK is enabled on

controller/Access Point

Required for qualification Yes

Access Point authenticates roaming client when PMK is enabled on controller/Access Point.

Test Case ID	Test Result
394150	Pass
Note	Tested with 20 emulated voice (G.711) clients; aggregate roaming rate 60 per minute; minimum MOS > 4.0.

6.3 REQUIREMENT 3.2.8.2: FAST ROAMING

6.3.1 Access Point ensures fast roaming between Access Points without affecting call quality when encryption used is 802.1x

 Required for qualification
 Yes

 Description
 Access Point ensures fast roaming without affecting call quality when encryption used is 802.1x..

Test Case ID	Test Result
395109	Pass
Note	Tested with 20 emulated voice (G.711) clients; aggregate roaming rate 60 per minute; minimum MOS > 4.0.

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6.3.2 Access Point ensures fast roaming between Access Points without affecting call quality when encryption used is PSK

Required for qualific Description	cation Yes Access Point ensures fast roaming without affecting call quality when encryption used is PSK.			
Test Case ID	Test Result			
395103	Pass			
Note	Tested with 20 emulated voice (G.711) clients; aggregate roaming rate 60 per minute; minimum			
	> 4.0.			

6.5 REQUIREMENTS 3.2.8.4- 3.2.8.6: JITTER, DELAY AND PACKET LOSS DURING ROAMING

6.5.1 Access Point causes no more than 50ms jitter and delay and no more than 1% packet loss while roaming between Access Points

Required for qualificationYesDescriptionAcc

Access Point causes no more than 50ms jitter and delay and no more than 1% packet loss for a call where Lync End Point roams between Access Points.

Test Case ID	Test Resul	t							
395130	Pass	Pass							
	Jitter		Jitter Round Trip Delay Packet Loss NMOS						
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller	
	1 msec	1 msec	2 msec	2 msec	0%	0%	4.23	4.21	
Note									

6.5.2 Access Point causes delay of no more than 100ms when roaming between Access

Points under maximum load Required for gualification Yes

Description Access Point causes delay of no more than 100ms for a call where Lync End Point roams between Access Points under maximum load.

Test Case ID	Test Resul	Test Result							
395659	Pass	Pass							
	Jit	Jitter Round Trip Delay Packet Loss NMOS							
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller	
	1 msec	1 msec	3 msec	2 msec	0%	0%	4.20	4.23	
Note									

6.6 REQUIREMENT 3.2.8.6: PACKET LOSS DURING ROAMING

6.6.1 Access Point causes no more than 1% packet loss while roaming between Access Points

Required for qualification Yes

Description	Access Point causes no more than 1% packet loss while roaming between Access Points.
Test Case ID	Test Result
395673	Pass

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ji		Jitter		Round Trip Delay		Packet Loss		NMOS	
Lync QoE Results	Caller -> Callee	Callee -> Caller							
	1 msec	3 msec	2 msec	2 msec	0%	0%	4.12	4.08	
Note									

OPTIONAL

CHECKLIST ITEMS

4.2 REQUIREMENT 3.2.1.1: 802.11A WI-FI CERTIFIED

4.2.1 Access Point is 802.11a certified

Required for qualification Op		Dptional		
Description The		Access Point is WFA (Wi-Fi Alliance) certified for 802.11a and partner has		
	documented the same.			
Test Case ID	Supported /	Reference		
	Not Support	ed		
372937	Supported	http://certifications.prod.wi-fi.org/pdf/certificate/public/download?cid=WFA13462		

4.3 REQUIREMENT 3.2.1.2: 802.11G WI-FI CERTIFIED

4.3.1 Access Point is 802.11g certified

 Required for qualification
 Optional

 Description
 The Access Point is WFA (Wi-Fi Alliance) certified for 802.11g and partner has documented the same.

 Test Case ID
 Supported / Not Supported
 Reference

 372940
 Supported / http://certifications.prod.wi-fi.org/pdf/certificate/public/download?cid=WFA13462

4.7 REQUIREMENT 3.2.1.9: POWER OVER GIGABIT ETHERNET

4.7.1 Access Point supports Power Over Gigabit Ethernet (802.3af)

Required for	Optional	
qualification		
Description	802.11n ca	pable Access Point has a usable Power over gigabit Ethernet interface that works.
Test Case ID	Supported /	Reference
	Not Supported	
374191	Supported	http://www.motorolasolutions.com/web/Business/Products/Wireless%20LAN%20Devices/
		WLAN%20Access%20Points/AP-7131/ Documents/ staticfiles/AP-7131 Spec-Sheet 0910-
		<u>web.pdf</u>

4.8 REQUIREMENT 3.2.1.10: IPv6 SUPPORT

4.8.1 Access Point and Controller must support IPv6 in hardware or software

Required for qualification	Optional			
Description	Access Point and Controller must support IPv6 and must disclose whether it supports IPv6			
	packet forwarding in hardware or software.			
Test Case ID	Supported /	Reference		

Test Case ID	Supported /	Reference
	Not Supported	
393044	Supported	https://docs.symbol.com/ReleaseNotes/Motorola Enterprise WLAN WiNG v5.2 Release
		Notes Access Points Public.pdf

4.21 REQUIREMENT 3.2.7.2: FIPS 140-2 ACCREDITED FOR GOVERNMENT APPLICATIONS

4.21.1 Access Point is FIPS 140-2 accredited for government applications

Required for	Optional
qualification	
Description	The Access Point is FIPS 140-2 accredited for government applications and partner has
	documented the same.

Test Case ID	Supported /	Reference
	Not Supported	
394801	Supported	<u>http://www.motorolasolutions.com/web/Business/Products/Wireless%20LAN%20Devices/</u> <u>WLAN%20Access%20Points/AP-7131/ Documents/ staticfiles/AP-7131-GR-SS-v4a-</u> FIPSvalidated.pdf

4.22 REQUIREMENT 3.2.7.3: HIPAA COMPLIANT FOR HEALTHCARE APPLICATIONS

4.22.1 Access Point is HIPAA compliant for healthcare applications

Required for qualification	Optional
Description	The Access Point is HIPAA compliant for healthcare applications and partner has documented the same.

Test Case ID	Supported /	Reference
	Not Supported	
394803	Supported	http://www.motorolasolutions.com/web/Business/Products/Wireless%20LAN%20Devices/
		_Documents/_static%20files/EWLAN-At-A-Glance-Brochure.pdf

4.23 REQUIREMENT 3.2.7.4: PCI COMPLIANT FOR APPLICATIONS REQUIRING FINANCIAL TRANSACTIONS

4.23.1 Access Point is PCI compliant for applications requiring financial transactions

Required for	Optional
qualification	
Description	The Access Point is PCI compliant for applications requiring financial transactions and partner
	has documented the same.

Test Case ID	Supported / Not Supported	Reference
394804	Supported	http://www.motorolasolutions.com/web/Business/Products/Wireless%20LAN%20Devices/ Documents/ static%20files/EWLAN-At-A-Glance-Brochure.pdf

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4.24 REQUIREMENT 3.2.7.5: ICSA CERTIFIED FIREWALL

4.24.1 Access Point has a built in ICSA certified firewall

Required for qualification Optional

	•••••••••••••••••••••••••••••••••••••••			
Description The		e Access Point incorporates an ICSA certified firewall and partner has documented		
the same.				
Test Case ID	Supported /	Reference		
	Not Supported			
394805	Supported	http://www.motorolasolutions.com/web/Business/Products/ Documents/WiNG-5-		
		<u>SpecSheet.pdf</u>		

6.8 REQUIREMENT 3.2.8.8: WFA MOBILE MULTIMEDIA CERTIFIED

6.8.1 Access Point is WFA Mobile Multimedia Certified

Required for qualificationOpDescriptionThe		ional Access Point is WFA Mobile Multimedia Certified and partner has documented the			
	5	me.			
Test Case ID	Supported /	Reference			
	Not Support				
394910	Supported	http://certifications.prod.wi-fi.org/pdf/certificate/public/download?cid=WFA13462			

6.9 REQUIREMENT 3.2.8.9: WFA VOICE ENTERPRISE (V-E) CERTIFIED

6.9.1 Access Point is WFA Voice Enterprise (V-E) Certified

Required for qualification	Optional
Description	The Access Point is WFA Voice Enterprise (V-E) Certified and partner has documented
	the same

	the same.		
Test Case ID	Supported /	Reference	
	Not Supported		
394914	Not	N/A	
	Supported		

4 DATA

4.3 REQUIREMENT 3.2.1.2: 802.11G WI-FI CERTIFIED

4.3.2 Access Point supports 802.11g operation

Required for qualification		ional							
Description		Access Point supports 802.11g operation.							
Test Case ID	Test Resul	۲est Result							
394116	Pass	Pass							
	Jit	Jitter Round Trip Delay F			Packe	Packet Loss		NMOS	
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller	
	0 msec	2 msec	63 msec	37 msec	0.42%	0.14%	4.21	4.01	

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4.6 REQUIREMENT 3.2.1.8: WIDE CHANNEL OPERATION

4.6.1 Lync End Point1 makes a call to Lync End Point2 when 20 MHz and 40MHz channel width is enabled on 5GHz band

Required for qualification Optional

DescriptionAccess Point can support 802.11n client call over a 40 MHz wide channel when channel
bonding is enabled on the Access Point.

Test Case ID	Test Result
374359	Pass
Note	

4.7 REQUIREMENT 3.2.1.9: POWER OVER GIGABIT ETHERNET

4.7.1 Access Point supports Power Over Gigabit Ethernet (802.3af)

Required for qualificationOptionalDescription802.11n capable Access Point has a usable Power over gigabit Ethernet interface that
works.

Test Case ID	Test Result
374191	Pass
Note	

4.8 REQUIREMENT 3.2.1.10: IPv6 SUPPORT

4.8.2 Access Point can handle calls when both IPv4 and IPv6 are enabled

Required for qualificationOptionalDescriptionAccess Point can handle calls when both IPv4 and IPv6 are enabled and client supports
only IPv4.

Test Case ID	Test Resul	t						
394120	Pass							
	Jit	tter	Round T	rip Delay	Pack	et Loss	NN	/IOS
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller
	1 msec	2 msec	2 msec	3 msec	0%	0%	4.24	4.20
Note								

4.9 REQUIREMENT 3.2.2.4: BAND STEERING

4.9.1 Access Point can steer dual band clients towards the 5GHz band when the client associates with the Access Point

Required for qualification	Optional
Description	Access Point steers to the 5GHz band a 5GHz capable client scanning congested 2.4GHz
	band when band steering is enabled.

Test Case ID	Test Result
375006	Pass

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Note	When there was no band preference configured on the client laptop, The AP steered the client
	to 5GHz. When there was band preference configured on the client laptop, the configured
	preference was honored and took precedence. The tested AP supports a configurable band
	steering persistence, so that it could be configured to override the band preference of client
	laptops, while still supporting single-band clients.

4.10 REQUIREMENT 3.2.2.5: SPECTRUM ANALYSIS

4.10.1 Access Point can detect and display the source of interference on a channel

Required for qualificationOptionalDescriptionSpectrum analysis capabilities enables a data center operator to both look at in-band
spectrum and identify the source of interference in English terms such as "Bluetooth
device" or "microwave oven".

Test Case ID	Test Result
374996	Pass
Note	Interference detection (which scans all channels) requires a dedicated radio. Tri-radio Motorola
	APs are available to support simultaneous dual-band operation and detection/scanning.

4.10.2 Access Point can determine the category of interference on a channel in English

terms

Required for qualification Optional

Description	Access Point can determine the category of interference on a channel in English terms
Test Case ID	Test Result
375003	Pass
Note	Interference detection (which scans all channels) requires a dedicated radio. Tri-radio Motorola
	APs are available to support simultaneous dual-band operation and detection/scanning.

4.16 REQUIREMENT 3.2.6.2: CLASSIFYING TRAFFIC ON A PER FLOW BASIS

4.16.1 Access Point classifies untagged network inbound video traffic from Lync Server and tags it on the wireless interface to the client

Required for qualificationOptionalDescriptionAccess Point classifies untagged network inbound video traffic and tags it on the wireless
outbound interface.

Test Case ID	Test Resul	Test Result								
402490	Not Teste	Not Tested – per direction from vendor.								
	Jit	ter	Round Trip Delay			Packet Loss		NMOS		
Lync QoE Results	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller		
Note		•	•	•	•	•				

4.16.2 Access Point classifies untagged network inbound voice only traffic from Lync Server and tags it on the wireless interface to the client

Required for qualification	Optional
Description	Access Point classifies untagged network inbound voice traffic and tags it on the wireless
	outbound interface.

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Test Case ID	Test Resu	lt							
402491	Not Teste	Not Tested – per direction from vendor.							
	Ji	tter	Round 1	Frip Delay	Pack	et Loss	NMOS Caller -> Callee ->		
Lync QoE Results	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	
Note		•	-	•					

4.16.3 Access Point classifies untagged wireless inbound video traffic from Lync End Point and tags it on the wired interface to Lync Server

Required for qualificationOptionalDescriptionAccess Point classifies untagged wireless inbound video traffic and tags it on the wired
outbound interface

	out	bound miteri	ucc.						
Test Case ID	Test Resu	lt							
402494	Not Teste	Not Tested – per direction from vendor.							
	Ji	tter	Round 1	rip Delay	Pack	et Loss	NMOS		
Lync QoE Results	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	
Note				•					

4.16.4 Access Point classifies untagged wireless inbound voice only traffic from Lync End Point and tags it on the wired interface to Lync Server

Required for qualification Optional

Description

Access Point classifies untagged wireless inbound voice traffic and tags it on the wired outbound interface.

Test Case ID	Test Resul	t								
402495	Not Teste	Not Tested – per direction from vendor.								
	Jit	ter	Round Trip Delay		Pack	et Loss	NMOS			
Lync QoE Results	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller		
Note										

4.17 EQUIREMENT 3.2.6.4: REMAPPING PRIORITY TAGS

4.17.1 Access Point remaps incorrect 802.1p and DSCP tags from the network inbound voice traffic to WMM and DSCP tags on wireless outbound interface

Required for qualificationOptionalDescriptionAccess Point remaps incorrect 802.1p and DSCP tags from the network inbound voicetraffic to WMM and DSCP tags on wireless outbound interface based on the flow

	traine to winin and DSCF tags on wheless outbound interface based on the now.								
Test Case ID	Test Resul	est Result							
394321	Not Teste	lot Tested – per direction from vendor.							
	Jitter		Round Trip Delay		Packet Loss		NMOS		
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller	

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Description

4.17.2 Access Point remaps incorrect WMM and DSCP tags from wireless inbound video traffic to 802.1p and DSCP tags on network outbound interface

Required for qualification Optional

Access Point remaps incorrect WMM and DSCP tags from wireless inbound video traffic to 802.1p and DSCP tags on network outbound interface.

Test Case ID	Test Resul	t								
394322	Not Teste	Not Tested – per direction from vendor.								
	Jit	tter	Round Trip Delay		Pack	et Loss	NMOS			
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->		
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller		
Note										

4.17.3 Access Point remaps incorrect WMM and DSCP tags on wireless inbound voice traffic to 802.1p and DSCP tags on network outbound interface

Required for qualificationOptionalDescriptionAccess Point remaps incorrect WMM and DSCP tags on wireless inbound voice traffic to
802.1p and DSCP tags on network outbound interface.

Test Case ID	Test Resu	lt							
394318	Not Teste	Not Tested – per direction from vendor.							
	Ji	tter	Round Trip Delay		Pack	et Loss	NMOS		
Lync QoE Results	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	
Note		·		•	•	•		•	

4.17.4 Access Point/controller has the ability to retag incorrectly tagged voice only traffic from the wired interface with the correct DSCP and WMM tags for voice traffic on the wireless interface

Required for qualificationOptionalDescriptionAccess Point remaps include

Access Point remaps incorrect 802.1p and DSCP tags from the network inbound voice and video traffic to the correct WMM and DSCP tags on wireless outbound interface based on the flow.

Test Case ID	Test Resu	t								
394325	Not Teste	Not Tested – per direction from vendor.								
	Jit	tter	Round Trip Delay Pack		Pack	et Loss	NMOS			
Lync QoE Results	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller		
Note		•	•	•	•	•	•	•		

4.18 REQUIREMENT 3.2.6.8: SHAPING DATA TRAFFIC QUEUE

4.18.1 Video call quality is not affected with Data traffic shaping enabled

Required for qualified	c ation Opt	ional						
Description	Vid	eo call qualit	y is not affe	cted with Dat	ta traffic sha	ping enabled	ł.	
Test Case ID	Test Resul	est Result						
394354	Not Teste	Not Tested – per direction from vendor.						
	Jitter		Round Trip Delay		Packet Loss		NMOS	
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller
Note	Tested AP	supports prio	ority queuei	ng per WMM	I standards,	and allows fl	exible tunin	g of
	queueing parameters such as AIFSN and ECW, but does not support additional traffic shaping.							c shaping.

4.18.2 Voice call quality is not affected with Data traffic shaping enabled

Required for qualification Optional Description Voice call quality is not affected with Data traffic shaping enabled. Test Case ID **Test Result** 394345 Not Tested – per direction from vendor. **Round Trip Delay** Jitter Packet Loss NMOS Lync QoE Results Caller -> Callee -> Caller -> Callee -> Caller -> Callee -> Caller -> Callee -> Callee Caller Callee Caller Callee Caller Callee Caller Tested AP supports priority queueing per WMM standards, and allows flexible tuning of Note queueing parameters such as AIFSN and ECW, but does not support additional traffic shaping.

4.19 REQUIREMENT 3.2.6.9: PRIORITIZING SIP TLS

4.19.1 Access Point prioritizes untagged SIP TLS traffic from the network over any other traffic type under full congestion

Required for qualificationOptionalDescriptionAccess Point prioritizes untagged SIP TLS traffic from the network over any other traffictype under full congestion

	ιγμ		ongestion.					
Test Case ID	Test Resul	Test Result						
399194	Not Teste	Vot Tested – per direction from vendor.						
	Jitter		Round Trip Delay		Packet Loss		NMOS	
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->
	Callee	Caller	Callee	Caller	Callee	Caller	Callee	Caller
Note								

4.19.2 Access Point prioritizes untagged SIP TLS traffic from the WLAN over any other

traffic type under full congestion

Required for qualific	ation Optional
Description Access Point prioritizes untagged SIP TLS traffic from the WLAN over any o	
	type under full congestion.
Test Case ID	Test Result

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396408	Not Teste	Not Tested – per direction from vendor.						
	Jitter		Round Trip Delay		Packet Loss		NMOS	
Lync QoE Results	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller
Note								

4.20 REQUIREMENT 3.2.7.1: ENCRYPTION SUPPORT

4.20.2 Access Point supports WPA2-TKIP Encryption

Required for qualific	ation Optional
Description	Access Point supports WPA2-TKIP Encryption.
Test Case ID	Test Result
394800	Pass
Note	

4.20.3 Access Point supports WPA-AES Encryption

Required for qualification Optional

Description	Access Point supports WPA-AES Encryption.
Test Case ID	Test Result
394794	Not Tested – per direction from vendor.
Note	

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5.10 REQUIREMENT 3.2.6.10: PROTECTING EXISTING CALL QUALITY

5.10.1 Existing call quality is not affected when a new call is made through a fully loaded Access Point

Required for qualificationOptionalDescriptionExisting call quality is not affected when a new call is made through a fully loaded Access
Point.

	-	-						
Test Case ID	Test Resu	Test Result						
394361	Not Teste	Not Tested – per direction from vendor.						
	Jitter Round Trip Delay		Packet Loss		NMOS			
Lync QoE Results	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller	Caller -> Callee	Callee -> Caller
Note	Tested AP does not support CAC on Lync calls.							

6.3 REQUIREMENT 3.2.8.2: FAST ROAMING

6.3.3 Access Point ensures fast roaming without affecting call quality when roaming between controller/Access Points in different subnets

Required for qualific Description	ation Optional Access Point ensures fast roaming without affecting call quality when roaming between controller/Access Points in different subnets.	
Test Case ID	Test Result	
395125	Pass	
Note	ed with 20 emulated voice (G.711) clients; aggregate roaming rate 60 per minute; with all its starting on the same subnet as the wired destinations; minimum MOS > 4.0,	

6.4 REQUIREMENT 3.2.8.3: EFFICIENT ROAMING WITH ACCESS POINT ASSISTED HANDOFF

6.4.1 Access Point supports efficient roaming with Access Point assisted handoff

Required for qualification	Optional
Description	Access Point supports efficient roaming with Access Point assisted handoff. The test
	verifies that roam time is less with AP assisted handoff.

Test Case ID	Test Result
395127	Not Tested – not applicable.
Note	Tested AP does not have an "AP assisted handoff" feature that can be enabled/disabled to
	affect clients who were connected before the feature was enabled. Tested AP supports
	opportunistic PMK to help fast roaming, and this is already covered in other test cases.

6.7 REQUIREMENT 3.2.8.7: BROADCAST LOAD INDICATIONS 802.11V QBSS TRANSITION MGMT. FRAMES

6.7.1 Access Point broadcasts channel load information in beacon and probe response frames when QBSS is enabled

Required for qualification	on Optional
Description	Access Point broadcasts channel load information in beacon and probe response frames
	during a Lync call when QBSS is enabled. (Although this is an Access Point feature, the
	intent is to test Lync interop when the Access Point feature is enabled, hence the need
	to test this feature with a Lync call and measure its impact on call quality).
	_

Test Case ID	Test Result
395970	Pass
Note	Tested with multiple emulated clients and traffic flows to verify that the advertised QBSS parameters (Station Count, Channel Utilization, and Available Admission Capabilities) do reflect the current conditions of the AP.

NOT REQUIRED

Note

4.11 REQUIREMENT 3.2.3.1: LOGGING

4.11.1 Access Point generates session logs with session details

 Required for qualification
 No

 Description
 Access Point generates session logs with session details such as duration, timestamp, originator and terminator.

 Test Case ID
 Test esult

 376815
 Not Tested – per direction from vendor.

4.12 REQUIREMENT 3.2.3.2: RF COVERAGE MAPS

4.12.1 WLAN solution can identify client's location and past roaming history

 Required for qualification
 No

 Description
 WLAN solution can identify client's location Access Point it is connected to and past roaming history.

 Test Case ID
 Test sult

Test Case ID	Test Result
376974	Pass
Note	Roaming (AP association) is available. XY location is not available.

4.12.2 WLAN solution displays RF coverage heat maps in the 2.4 GHZ spectrum

Required for qualific	ation No
Description	WLAN solution displays RF coverage heat map for Access Point on the 2.4GHz spectrum
Test Case ID	Test Result
376929	Pass
Note	This is available through additional software installed on the controller. (More details can be
	added.)

4.12.3 WLAN solution displays RF coverage heat maps in the 5GHz spectrum

Required for qualifie	cation No
Description	WLAN solution displays RF coverage heat map for Access Point on the 5GHz spectrum
Test Case ID	Test Result
376942	Pass
Note	This is available through additional software installed on the controller. (More details can be
	added.)

4.13 REQUIREMENT 3.2.3.3: ABILITY TO DISTINGUISH VOICE/VIDEO FROM DATA SESSIONS VIA LOGS OR COVERAGE MAPS

4.13.1 Access Point logs should specify a voice call as such in the logs

Required for qualification No

Description	Access Point logs should specify a voice call as such in the logs
Test Case ID	Test Result
376755	Not Tested – per direction from vendor.

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Note

4.13.2 Access Point should be able to distinguish voice video from data sessions

Required for qualification No

Description	Access Point should be able to distinguish voice video from data sessions.							
Test Case ID	Test Resul	Test Result						
376812	Not Teste	Not Tested – per direction from vendor.						
	Jitter		Round Trip Delay		Packet Loss		NMOS	
Lync QoE Results	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->	Caller ->	Callee ->
	Callee	Callel	Callee	Callel	Callee	Callel	Callee	Callel
Note								

4.14 REQUIREMENT 3.2.4.1: FAIR DISTRIBUTION OF AIR TIME AMONG CLIENTS WITH DIFFERENT SPEEDS

4.14.1 Lync End Points with the same capability transmitting at different speeds have better throughput with air time fairness enabled in the 2.4 GHz band

Required for qualificationNoDescriptionWith a

With air time fairness enabled 802.11n and 802.11b/g clients on the same frequency band have better throughput than with air time fairness turned off.

Test Case ID	Test Result
391743	Pass
Note	Tested with groups of emulated clients at different speeds to verify air time fairness.

4.14.2 Lync End Points with the same capability transmitting at different speeds have better throughput with air time fairness enabled in the 5GHz band

Required for qualification No

Description With air time fairness enabled 802.11n and 802.11a clients on the same frequency band have better throughput than with air time fairness turned off.

Test Case ID	Test Result
391836	Pass
Note	Tested with groups of emulated clients at different speeds to verify air time fairness.

4.14.3 802.11n performance is not penalized in network with a higher percentage of legacy clients when Air Time Fairness is enabled

Required for qualification No

Description With air time fairness enabled 802.11n performance is not penalized in a network with higher percentage of legacy clients.

Test Case ID	Test Result
391776	Pass
Note	Tested with groups of emulated clients at different speeds to verify air time fairness. Note that
	WMM priority queues operate at the front end, so that priority traffic always has preferential
	treatment regardless of air time fairness.

4.14.4 QoS is media aware and does not degrade the quality of the Lync calls

Required for qualification No

With air time fairness enabled Lync call quality is improved.

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Description

Test Case ID	Test Result
414580	Pass
Note	Note that WMM priority queues operate at the front end, so that priority traffic always has
	preferencial treatment regardless of an time farmess.

4.25 REQUIREMENT 3.2.7.6: QUARANTINING MISBEHAVING CLIENTS

4.25.1 WLAN can detect and quarantine clients duplicating IP addresses

Required for qualification No

Description	WLAN can detect and prevents clients spoofing IP addresses from connecting to the network.				
Test Case ID Test	Result				

396088	Not Tested – per direction from vendor.
Note	