

ION 2004 WLAN
Interoperability

2004. 12

ION 2004

I. ION 2004 WLAN IOP

1.

- IEEE802.11a/b/g AP STA
- WPA WPA

2. Tester

- NetIQ Chariot Console/Endpoint
- WildPackets AiroPeek NX
- Funk Odyssey Server /Client

3.

- WLAN AP/STA

4.

- 12 7 ~ 12 9

5. TTA

- : Chariot Console 3 Endpoint
- : AiroPeek NX 3
- WPA supplicant: Funk Odyssey Server 1 Client
- STA: Proxim Orinico Gold 802.11a/b/g, Avaya Platinum 802.11a/b, Cisco Aironet 802.11a/b/g, Netgear 802.11a/b/g, Atheros 802.11a/b/g, Buffalo AirStation 802.11b/g, Linksys 802.11b/g, 3Com Office-connect 802.11b, Acrowave AWL-1100C 802.11b, MMC Technology MW-1000PCM 802.11b 10
- AP: Proxim Orinoco 802.11a, Atheros 802.11a/b/g, Netgear 802.11a/b/g, 3Com 802.11a, Proxim Orinico 802.11b/g, Cisco 802.11b/g, Linksys 802.11b/g, Buffalo 802.11b/g, Cisco 350 Series 802.11b 9
- STA driver 7

6.

- 802.11 a/b/g WLAN AP STA 2
- 802.11b AP, STA (Option)

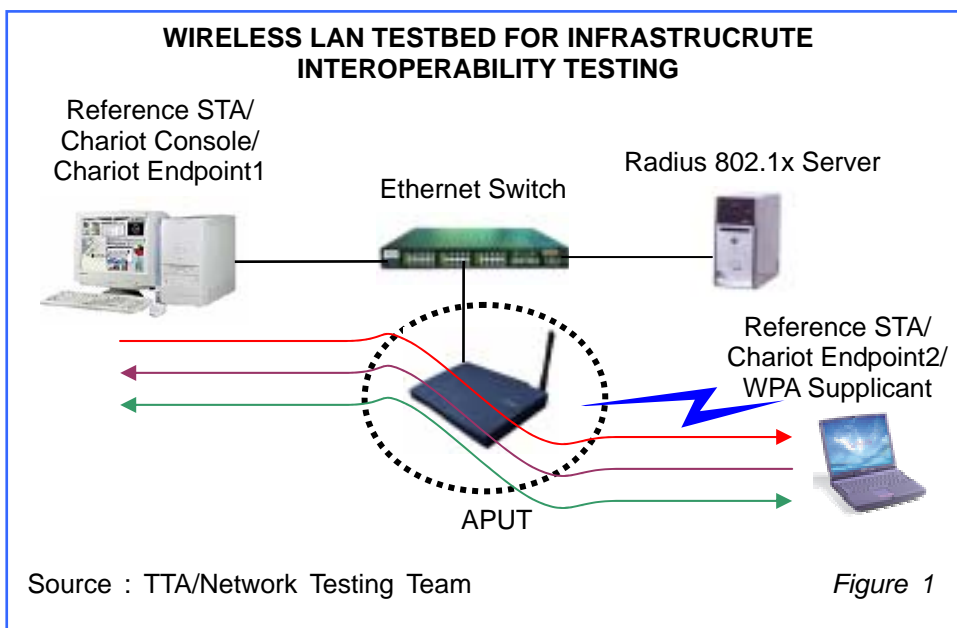
II. ION 2004 WLAN IOP

1.

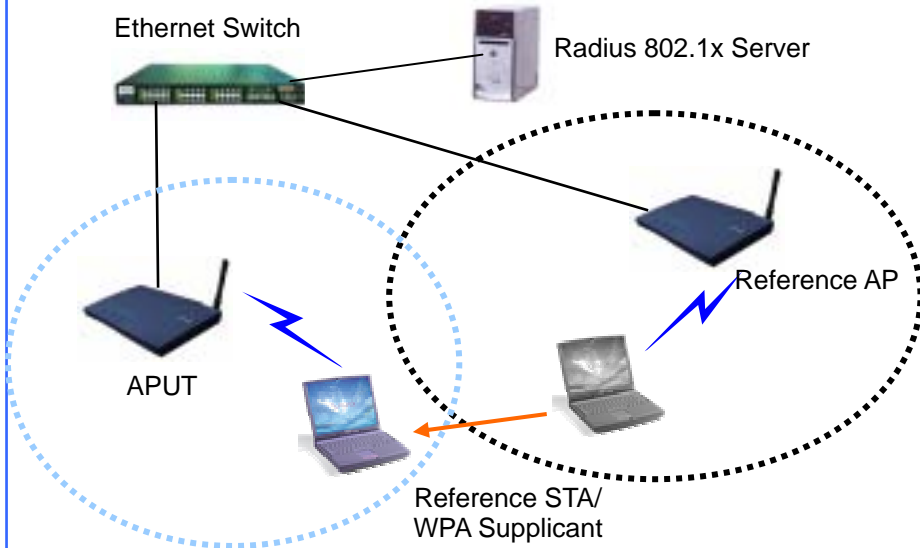
1	Infrastructure Interoperability
2	Re-association
3	Data Encapsulation
4	Multicast
5	Intra-BSS Transfer (AP)
6	802.11b Backward Compatibility
10	Overlapping Legacy BSS Condition (AP)
11	IEEE 802.11a,b/g Dual Band Bridging (AP)
12	WPA Function Test
13	IBSS (STA)
14	IEEE 802.11a,b/g Cross-Band Roaming (STA)

2.

2.1 AP



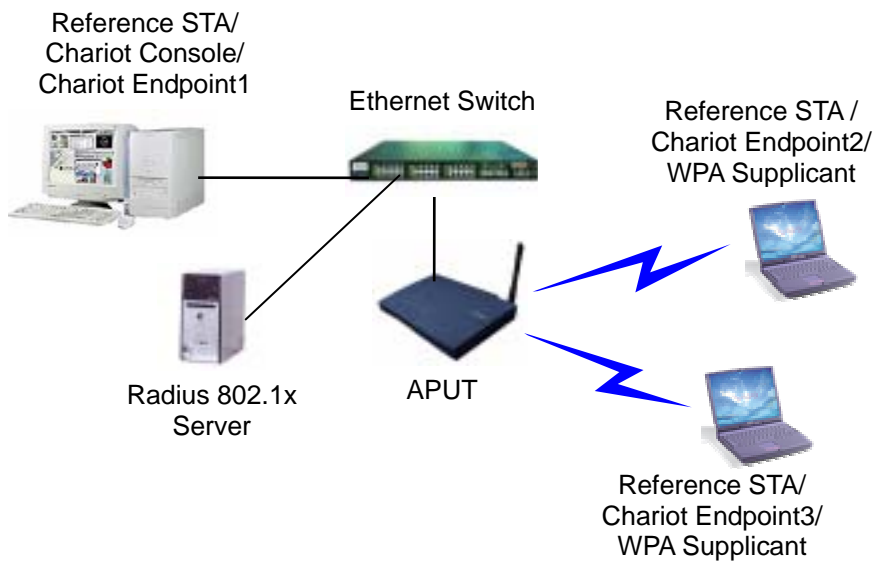
WIRELESS LAN TESTBED FOR REASSOCIATION TESTING



Source : TTA/Network Testing Team

Figure 2

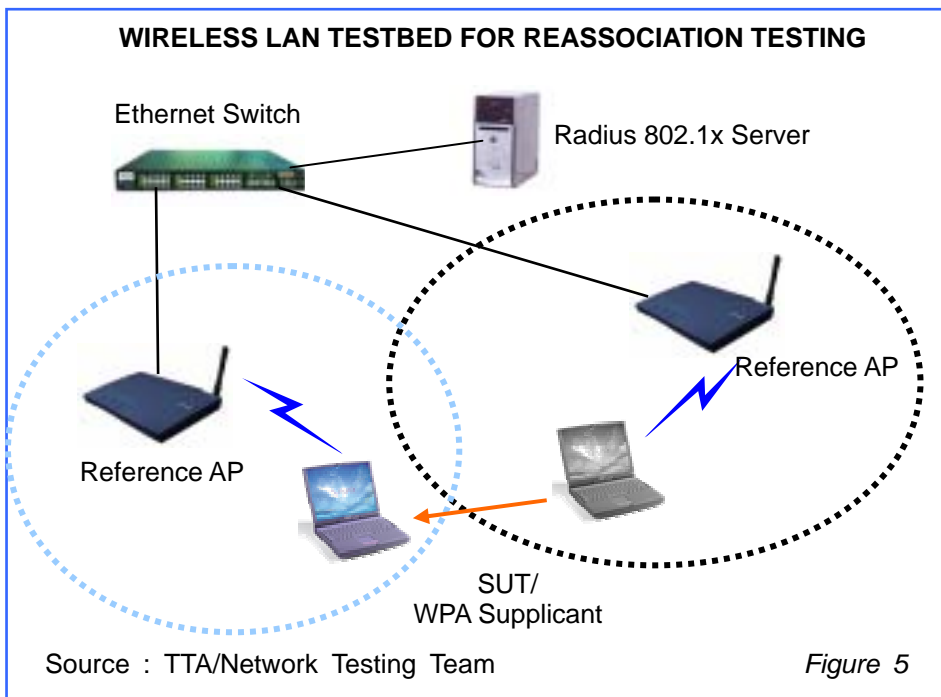
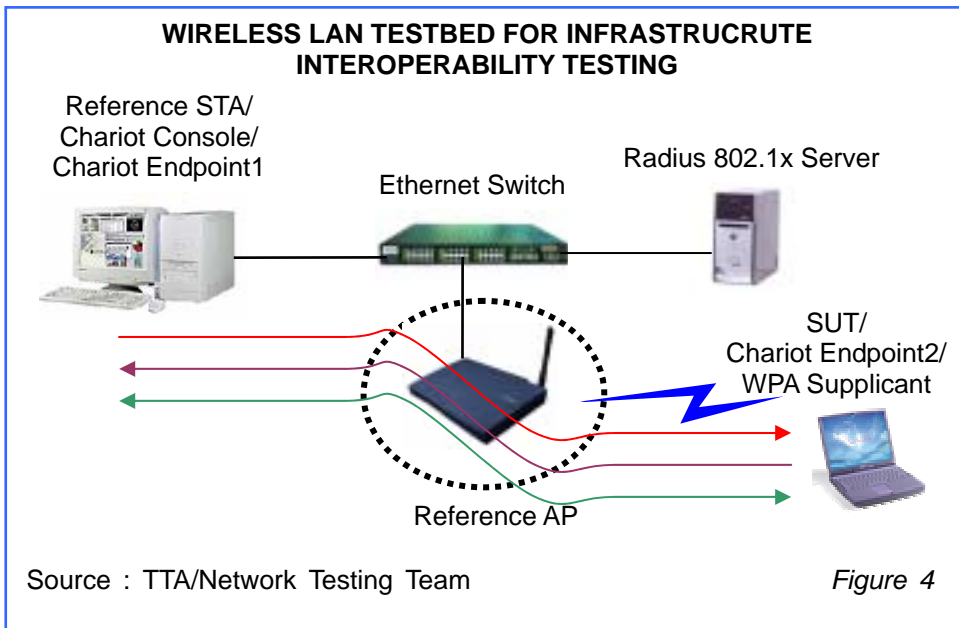
WIRELESS LAN TESTBED FOR MULTICAST AND INTRA-BSS TESTING



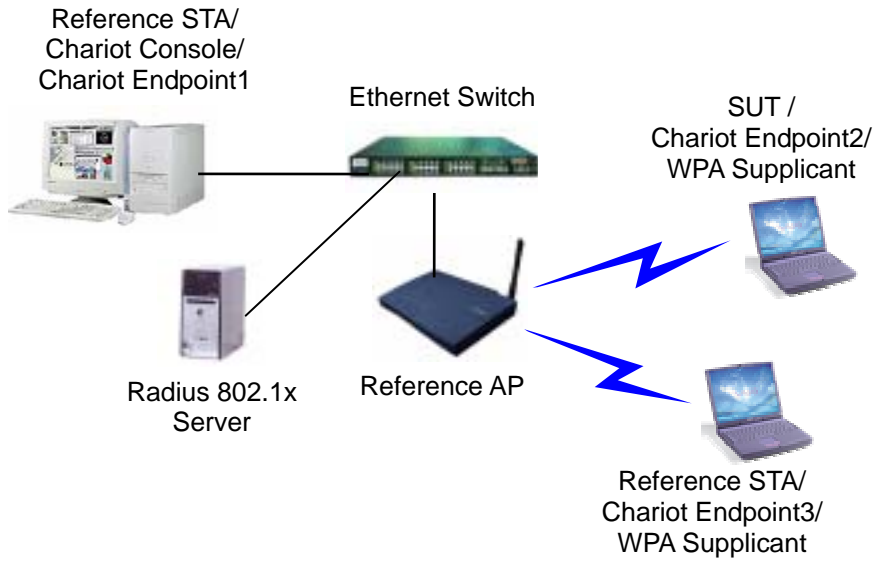
Source : TTA/Network Testing Team

Figure 3

2.2 STA



WIRELESS LAN TESTBED FOR MULTICAST AND INTRA-BSS TESTING



Source : TTA/Network Testing Team

Figure 6