



Bureau Veritas ADT has been qualified and approved to perform 802.11n final certification test by Wi-Fi Alliance

Wi-Fi Alliance already qualified and approved Bureau Veritas ADT laboratory's test capability of 11n final. We are now starting to provide Wi-Fi Alliance 802.11n final certification service.

Members can choose to certify against either the approved 802.11n test bed or the 802.11n draft 2.0 test bed during this period. The members should also be aware that this transition period will be expired from 29th December 2009.

The followings are the 11n final newly added testing features:

- STBC – Optional
Test of device's ability of enabling STBC to reduce PER in HT mode when operates in 1x1, 2x2 or 3x3
- Transmitter A-MPDU Aggregation - Optional
Test the ability of transmitting A-MPDU from AP and STA.
- 20/40 MHz Coexistence in 2.4GHz band - Optional in 2.4GHz
Test the ability of combining two adjacent 20 MHz channels into one 40 MHz channel in 2.4GHz band.
- 3 Spatial Streams - Optional
Test of 11n devices' ability which can deliver 3 x 3 capabilities with 3 transmitters and 3 receivers to increase the raw data rate.
- Disallow TKIP with HT Rate - Mandatory
Ensure that the Device does not use HT rates when using TKIP as the encryption cypher.

More details about the information of Wi-Fi 802.11n, please see previous Bulletin from Bureau Veritas ADT: http://www.adt.com.tw/english/news_files/2009072402.pdf

How Bureau Veritas ADT can help

Bureau Veritas ADT is an Authorized Test Laboratory designated by Wi-Fi Alliance. In addition to the basic WPA2 and WMM Certification Testing of 802.11n Draft 2.0, Bureau Veritas ADT can also provide the 11n environment, A-MPDU, A-MSDU, Greenfield, Short GI, Overlapping BSS (20/40MHz), RIFS, STBC, Disallow TKIP with HT Rate tests, etc.

More relevant services we can provide

Test Programs	Wi-Fi Certifications
Core PHY layer	802.11a, 802.11b/g, 802.11n Draft 2.0
Interoperability	802.11h, 802.11d, 802.11n Final
Security	WPA2, WPS, WPA
Multimedia Quality	WMM, WMM Power Save
Performance Tests	CWG-RF, VoWiFi Personal