



## Essential Reminder: New Test Items of Wi-Fi 802.11n Draft 2.0 will be in force from 1<sup>st</sup> September 2009

Wi-Fi Alliance has launched new test items in Wi-Fi 802.11n Draft 2.0 Certification since 30<sup>th</sup> April 2009. The new items include the tests to prevent TKIP (Temporal Key Integrity Protocol) from working with 11n HT (High Throughput) rates. From 1<sup>st</sup> September 2009, these items will enter into force. All DUTs (Devices under Test) must pass these tests after the 1<sup>st</sup> September 2009 to be certified for 11n draft 2.0.

### About Disallow TKIP with HT Rates Test

- For APUT (4.2.39):

The applicant whose device is being tested has to ensure that the APUT (AP under Test) does not use HT rates when using TKIP as the encryption cypher. The AP should prohibits the configuration of TKIP as a pairwise cipher suite when HT is enabled, and Association Response status code must be non-zero

- For STAUT (5.2.46):

The applicant whose device is being tested has to ensure that the STAUT (ST under Test) does not use HT rates when using TKIP as the encryption cypher. There is no Association Request from the STAUT, or IE 45 is not present include.

### How Bureau Veritas ADT can help you:

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 tests, etc. in 802.11n. Furthermore, we will be issued by testing 4.2.39/5.2.46 Disallow TKIP with HT Rate test from 1<sup>st</sup> September 2009.

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
Security	WPA2, WPS, WPA
Multimedia Quality	WMM, WMM Power Save
Performance Tests	CWG-RF, VoWiFi Personal