

Notice: Wi-Fi Alliance updated Engineering Change Notice

Wi-Fi Alliance just announced the ECN 200 document (Engineering Change Notice) in this week. It updated some requirements in the 802.11n testplan version 2.0.6 in CERTIFIED n test. In table 9 and table 139, according to the ECN 200, test 4.2.43 and test 5.2.50 have changed from "optional and tested if implemented" to "Mandatory". (Please refer to below tables.)

*Note: There is no 90 days transition period for this ECN. It takes effect **IMMEDIATELY** from **21st July 2010**.

Table 9

Test Section	Test Case	Frequency Band (GHz)	Channel Width (MHz)	TP v 2.0.6	TP v 2.0.6 with ECN # 200
4.2. ...					
4.2.39	AP STBC Transmit Test	2.4 5	20 20/40	Optional and Tested	Optional and Tested
4.2.40	A-MPDU Aggregation when the AP is the Transmitter	2.4 5	20 20/40	Optional and Tested	Optional and Tested
4.2.41	AP 20/40 MHz Coexistence	2.4 5	20 20/40	Optional and Tested	Optional and Tested
4.2.42	Ability to Receive 3 Spatial Streams	2.4 5	20 20/40	Optional and Tested	Optional and Tested
4.2.43	AP Transmitting to STA using Supported Number of Spatial Streams	2.4 5	20 20/40	Optional and Tested	Mandatory
4.2.44	Disallow TKIP with HT Rates	2.4 5	20 20/40	Mandatory	Mandatory
4.2.45	AP Negative tests to ensure WEP is not used with HT associations in 11n devices	2.4 5	20 20/40	Mandatory	Mandatory

Table 139

Test Section	Test Case	Frequency Band (GHz)	Channel Width (MHz)	TP v 2.0.6	TP v 2.0.6 with ECN # 200
5.2. ...					
5.2.46	STBC Receive Test	2.4 5	20 20/40	Optional and Tested	Optional and Tested
5.2.47	A-MPDU Aggregation when the STA is the Transmitter	2.4 5	20 20/40	Optional and Tested	Optional and Tested
5.2.48	STA 20/40 MHz Coexistence	2.4	20	Optional and Tested	Optional and Tested
5.2.49	Ability to Receive 3 Spatial Streams	2.4 5	20 20/40	Optional and Tested	Optional and Tested
5.2.50	STAUT Transmitting to AP using Supported Number of Spatial Streams	2.4 5	20 20/40	Optional and Tested	Mandatory
5.2.51	Disallow TKIP with HT Rates	2.4 5	20 20/40	Mandatory	Mandatory
5.2.52	STA Negative tests to ensure WEP is not used with HT associations in 11n devices	2.4 5	20 20/40	Mandatory	Mandatory

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