

FCC Test Report (15.407) - Annex

Report No.: RF141219C21-1

FCC ID: TE7C5V2

Test Model: Archer C5

Received Date: Dec. 19, 2014

Test Date: Jan. 05 ~ Mar. 10, 2015

Issued Date: Jun. 17, 2016

Applicant: TP-LINK TECHNOLOGIES CO., LTD.

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Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

Test Location: No.19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN (R.O.C.)



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1 Certificate of Conformity

Product: AC1200 Wireless Dual Band Gigabit Router

Brand: TP-LINK

Test Model: Archer C5

Sample Status: Prototype

Applicant: TP-LINK TECHNOLOGIES CO., LTD.

Manufacturer: TP-LINK TECHNOLOGIES CO., LTD.

Test Date: Jan. 05 ~ Mar. 10, 2015

Standard: 47 CFR FCC Part 15, Subpart E (Section 15.407)

ANSI C63.10:2009

(Test Item: 26dB Bandwidth, Occupied Bandwidth)

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's EMC characteristics under the conditions specified in this report.

Prepared by : Suntee Liu, **Date:** Jun. 17, 2016

Suntee Liu / Specialist

Approved by : Ken Liu, **Date:** Jun. 17, 2016

Ken Liu / Senior Manager

2 Test Types and Results

2.1 Bandwidth Measurement

2.1.1 Test Result

26dB Bandwidth:

802.11a

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)		Pass / Fail
		Chain 0	Chain 1	
36	5180	20.60	20.62	Pass
40	5200	20.50	20.48	Pass
48	5240	20.81	20.40	Pass

802.11n (HT20)

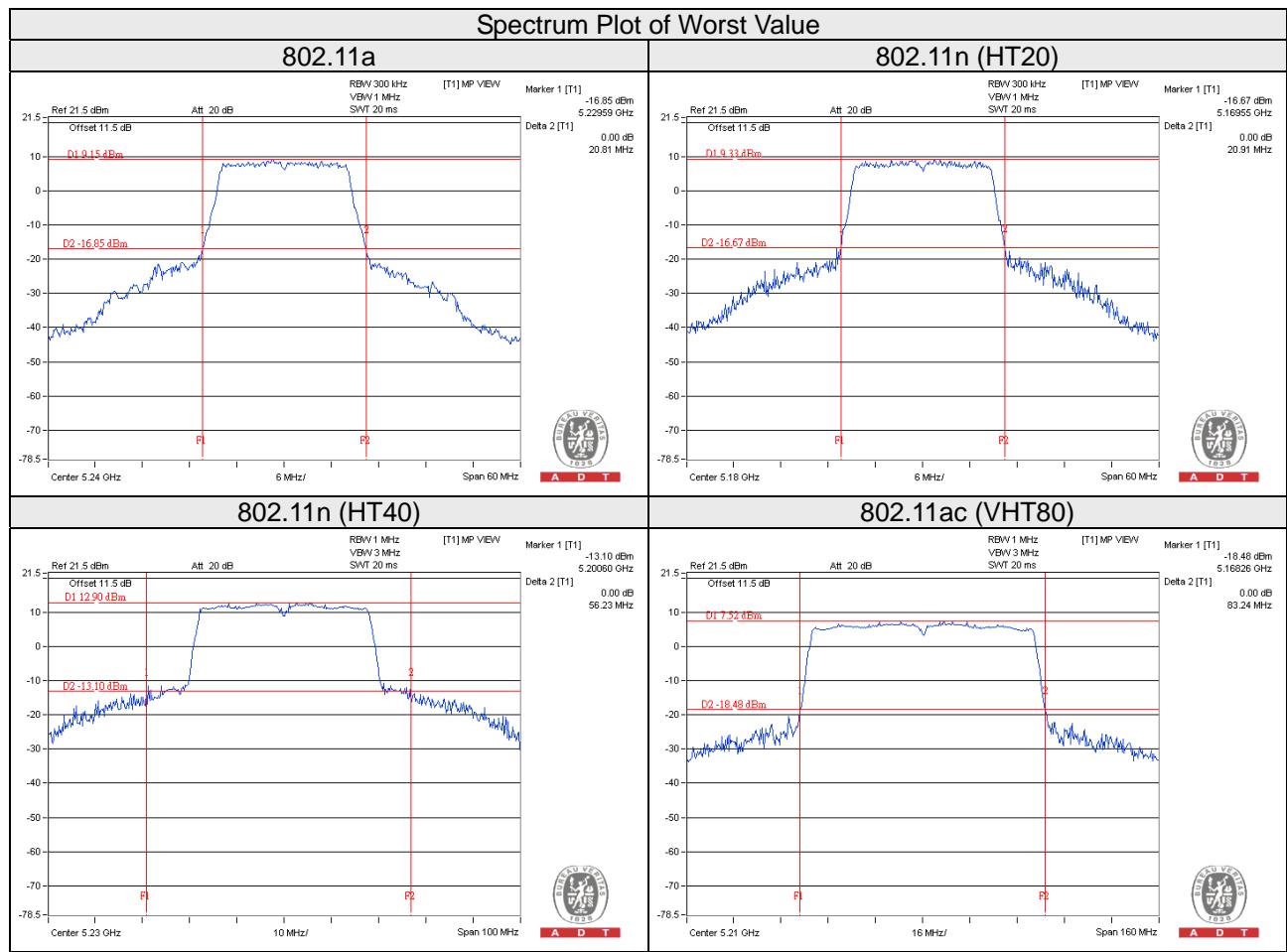
Channel	Frequency (MHz)	26dBc Bandwidth (MHz)		Pass / Fail
		Chain 0	Chain 1	
36	5180	20.91	20.66	Pass
40	5200	20.79	20.67	Pass
48	5240	20.82	20.73	Pass

802.11n (HT40)

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)		Pass / Fail
		Chain 0	Chain 1	
38	5190	41.30	40.79	Pass
46	5230	56.23	46.32	Pass

802.11ac (VHT80)

Channel	Frequency (MHz)	26dBc Bandwidth (MHz)		Pass / Fail
		Chain 0	Chain 1	
42	5210	83.24	82.87	Pass



Occupied Bandwidth:

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	17.04	17.88
40	5200	16.92	17.88
48	5240	16.92	16.80

802.11n (HT20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
36	5180	18.00	17.88
40	5200	17.88	17.88
48	5240	18.00	17.88

802.11n (HT40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
38	5190	36.60	36.60
46	5230	36.72	36.84

802.11ac (VHT80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
42	5210	75.84	75.84

