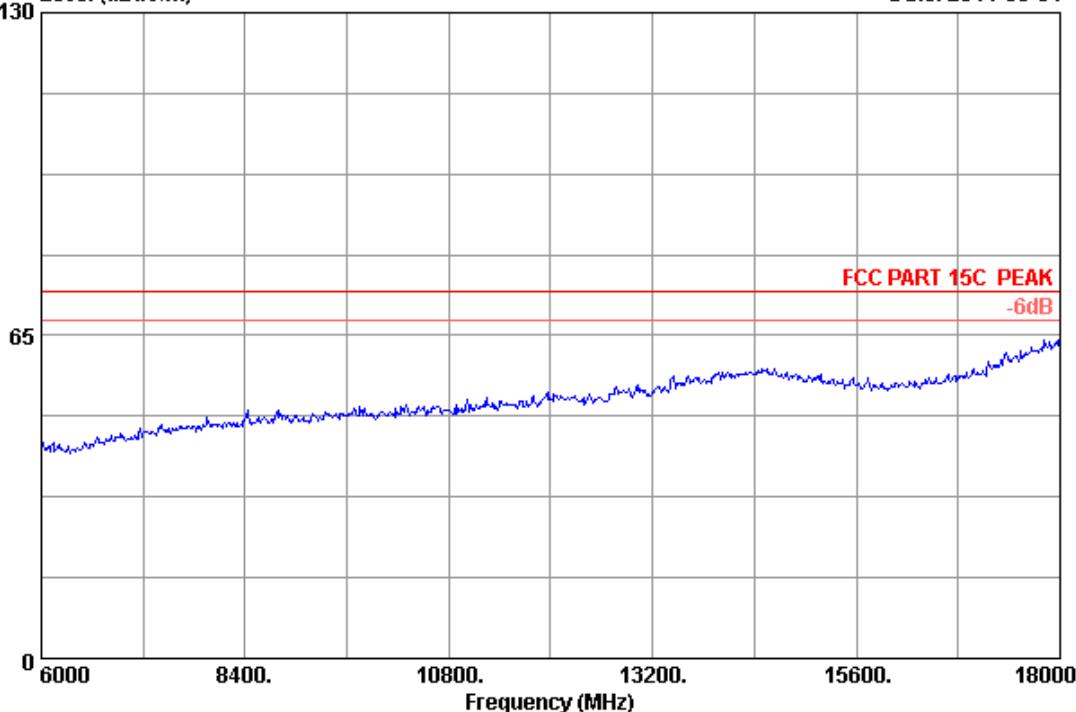


Data: 131

File: G:\2014 Report\T\TP-LINK\ACS14Q1326-FCC-5.1G.EM6 (132)

Level (dBuV/m)

Date: 2014-08-04



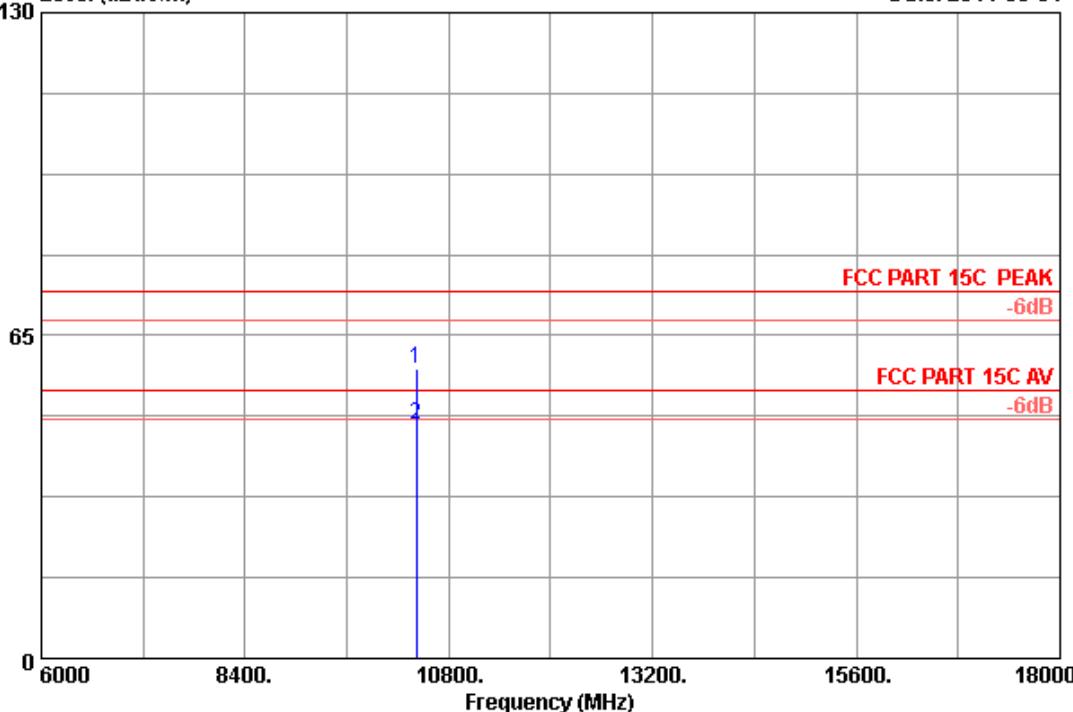
Site no. : 3m Chamber Data no. : 131  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11acVHT80 CH42 5210MHz Tx  
M/N : Archer CR700

Data: 132

File: G:\2014 Report\T\TP-LINK\ACS14Q1326-FCC-5.1G.EM6 (132)

Level (dBuV/m)

Date: 2014-08-04



Site no. : 3m Chamber Data no. : 132  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11acVHT80 CH42 5210MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Emission			
					Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	10420.000	38.17	12.67	35.44	42.88	58.28	74.00	15.72 Peak
2	10420.000	38.17	12.67	35.44	31.54	46.94	54.00	7.06 Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.

## 5. BAND EDGE COMPLIANCE TEST

### 5.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4446A	US44300459	Apr. 28,14	1 Year
2.	Amp	HP	8449B	3008A02495	Apr. 28,14	1 Year
3.	Horn Antenna	ETS	3115	9510-4580	Jun. 06, 14	1 Year
4.	HF Cable	Hubersuhner	Sucoflex104	274094/4	Apr. 28,14	1 Year
5	RF Cable	Hubersuhner	Sucoflex102	28610/2	Apr. 28,14	1 Year

### 5.2. Limit

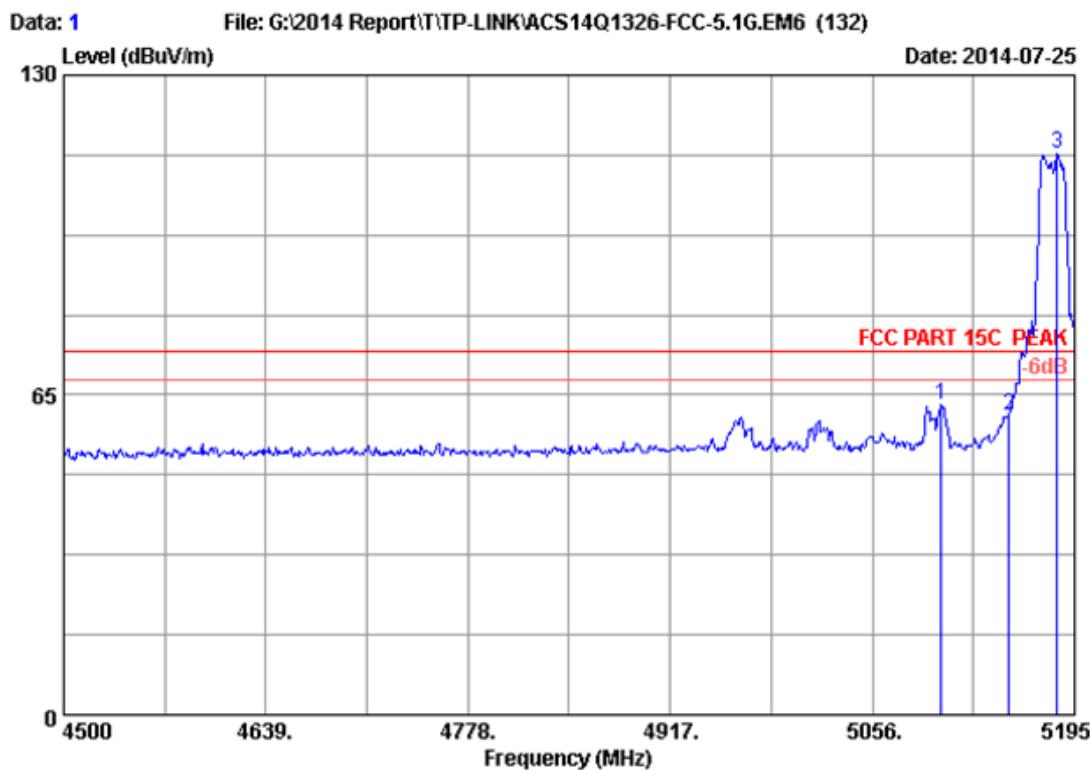
All the lower and upper band-edges emissions appearing within restricted frequency bands shall not exceed the limits shown in 15.209, all the emissions outside operation frequency band shall company with 15.407(b)(1) requirement.

### 5.3. Test Produce

1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
  - (a) PEAK: RBW=1MHz; VBW=3MHz; Sweep=AUTO
  - (b) AVERAGE: RBW=1MHz; VBW=10Hz; Sweep=AUTO
5. The maximum emission at 3m distance was measured and recorded with receive antenna in both vertical and horizontal by rotating the turntable and by lowering the receive antenna.
6. The EUT was then removed and replaced with a substitution antenna in the same position and the substitution antenna must have the same polarization with the receive antenna.
7. A signal which have the same frequency obtained in step 2 was fed to the substitution, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver, the level of the signal generator was adjusted until the measured field strength level in step 2 was obtained, recorded the level of the signal generator.
8. Repeated step 4 with both antenna polarizations
9. The spurious emissions is equal to the power supplied by the signal generator and corrections due to the gain of the substitution antenna and the cable loss between the signal generator and the substitution antenna.

### 5.4. Test Results

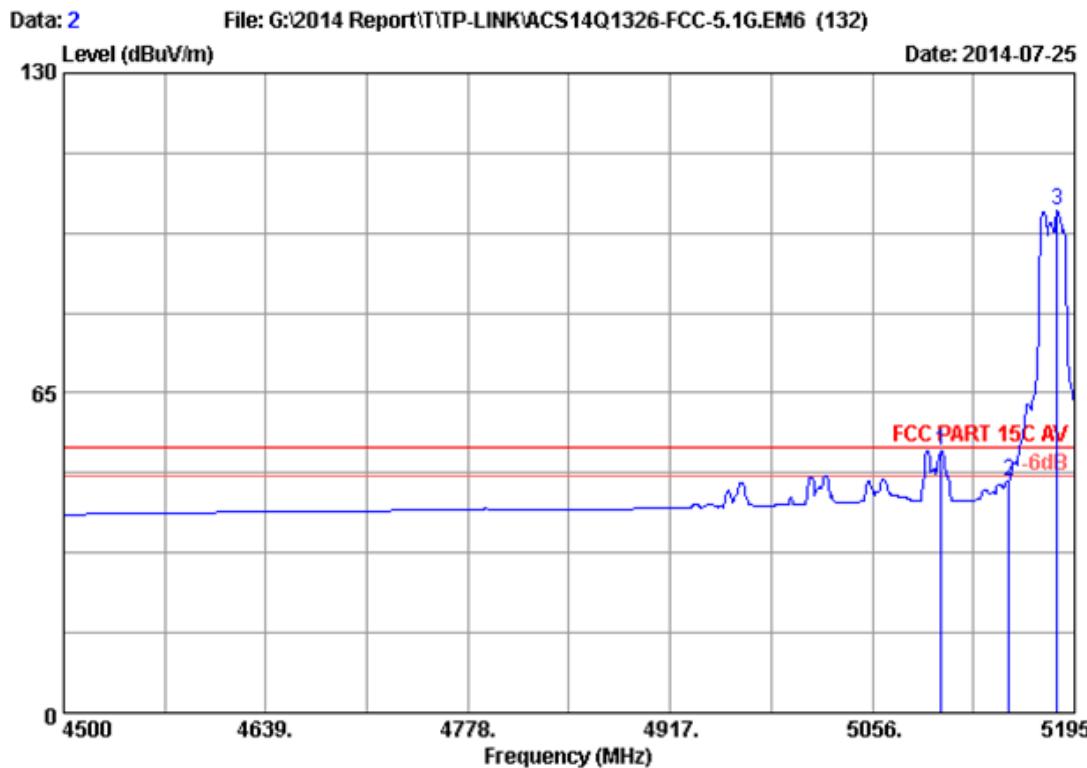
Pass (The testing data was attached in the next pages.)



Site no. : 3m Chamber Data no. : 1  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11a CH36 5180MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant. Factor	Cable Loss (dB/m)	AMP factor (dB)	Reading (dBuV)	Emission			
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5103.260	33.37	8.87	35.70	56.54	63.08	74.00	10.92	Peak
2	5150.000	33.44	8.92	35.70	54.25	60.91	74.00	13.09	Peak
3	5183.185	33.49	8.96	35.70	107.27	114.02	74.00	-40.02	Peak

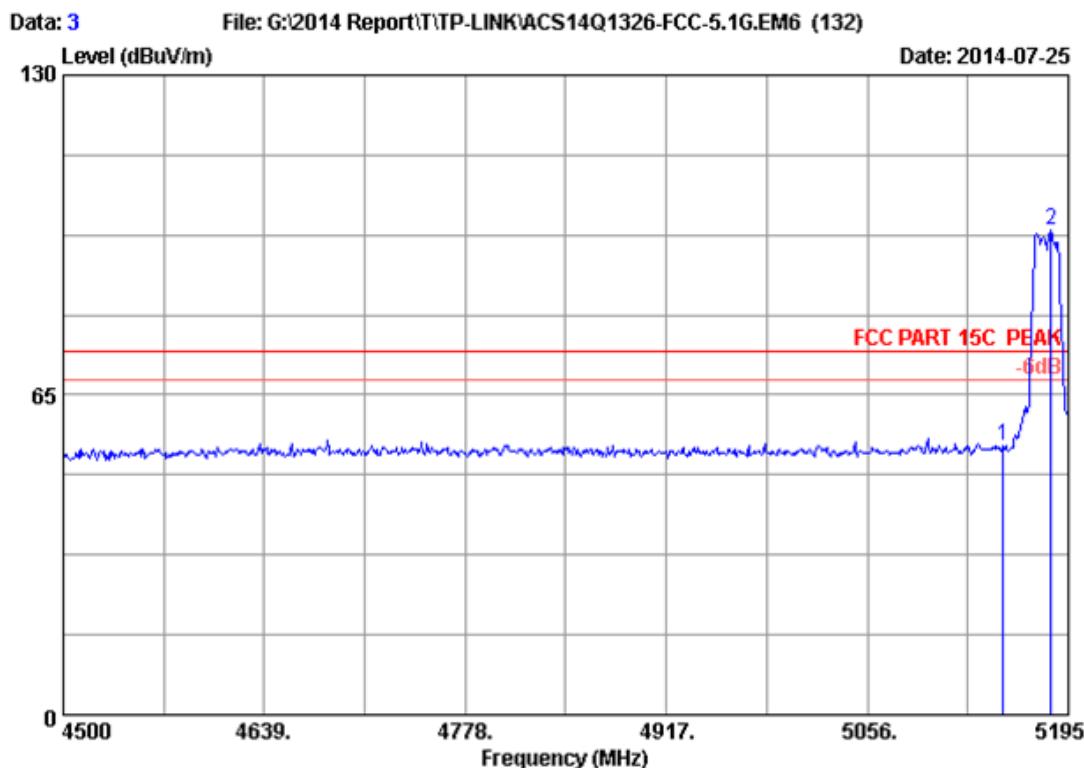
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 2  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11a CH36 5180MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant. Factor	Cable Loss (dB/m)	AMP factor (dB)	Reading (dBuV)	Emission			
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5103.260	33.37	8.87	35.70	46.82	53.36	54.00	0.64	Average
2	5150.000	33.44	8.92	35.70	40.28	46.94	54.00	7.06	Average
3	5183.185	33.49	8.96	35.70	95.37	102.12	54.00	-48.12	Average

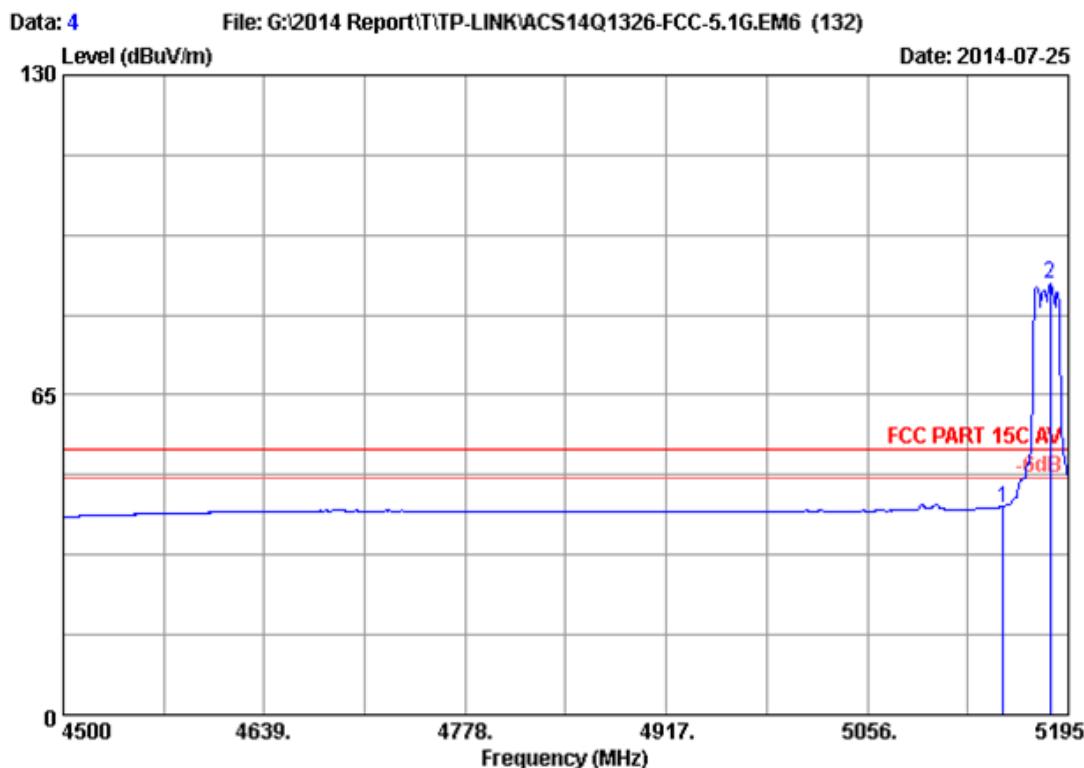
Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 3  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11a CH36 5180MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5150.000	33.44	8.92	35.70	48.06	54.72	74.00	19.28 Peak
2	5183.185	33.49	8.96	35.70	91.80	98.55	74.00	-24.55 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 4  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11a CH36 5180MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5150.000	33.44	8.92	35.70	35.52	42.18	54.00	11.82 Average
2	5182.490	33.49	8.96	35.70	81.06	87.81	54.00	-33.81 Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.

Data: 19

File: G:\2014 Report\T\TP-LINK\ACS14Q1326-FCC-5.1G.EM6 (132)

Level (dBuV/m)

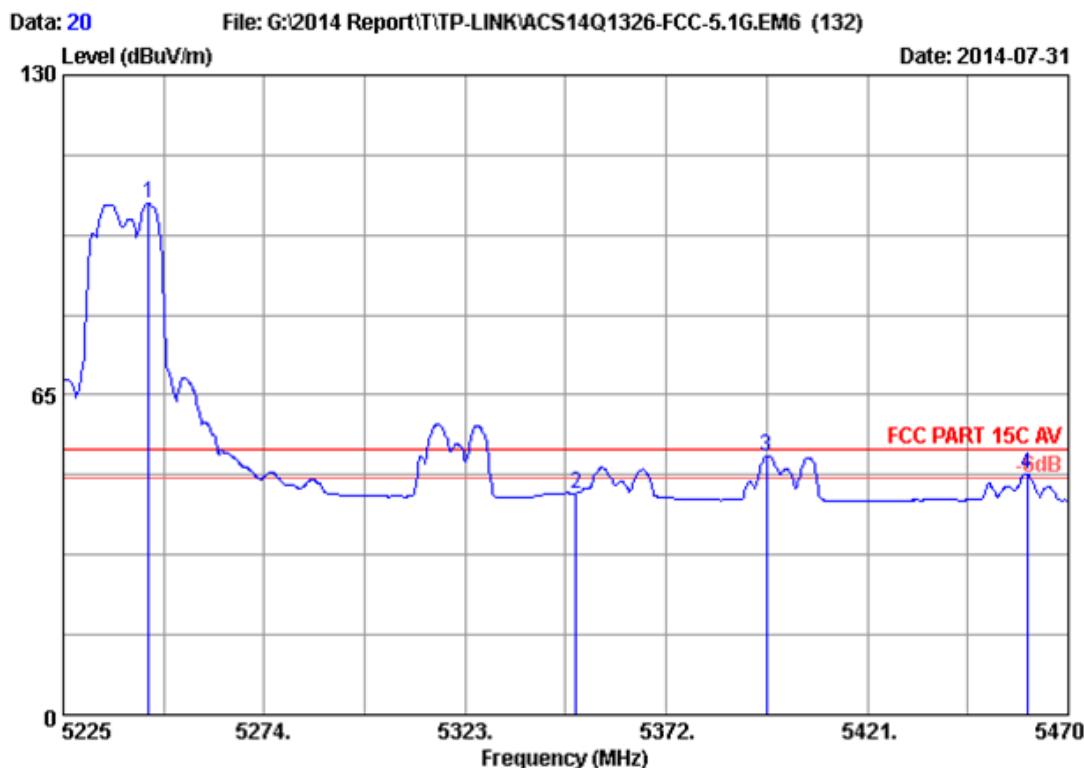
Date: 2014-07-31



Site no. : 3m Chamber Data no. : 19  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11a CH48 5240MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5245.090	33.59	9.02	35.70	109.52	116.43	74.00	-42.43 Peak
2	5350.000	33.76	9.13	35.70	48.28	55.47	74.00	18.53 Peak
3	5397.725	33.84	9.18	35.70	56.10	63.42	74.00	10.58 Peak
4	5460.000	33.94	9.25	35.70	51.12	58.61	74.00	15.39 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 20  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11a CH48 5240MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission				
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	5245.825	33.59	9.02	35.70	96.93	103.84	54.00	-49.84	Average
2	5350.000	33.76	9.13	35.70	37.88	45.07	54.00	8.93	Average
3	5396.500	33.83	9.18	35.70	45.32	52.63	54.00	1.37	Average
4	5460.000	33.94	9.25	35.70	41.44	48.93	54.00	5.07	Average

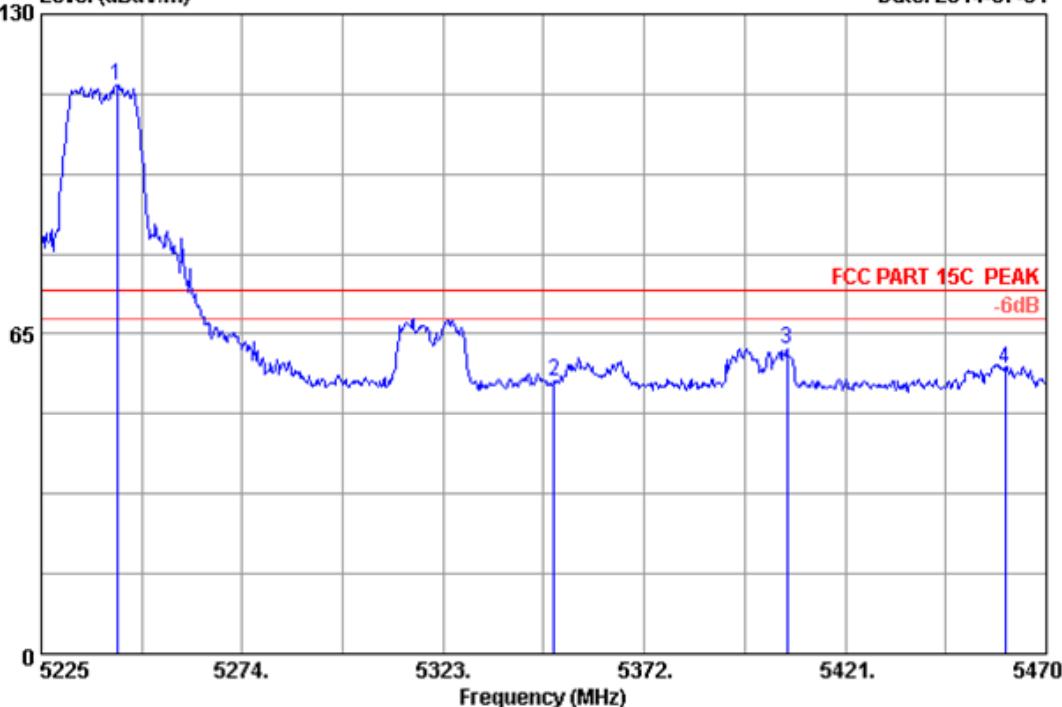
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.

Data: 21

File: G:\2014 Report\T\TP-LINK\ACS14Q1326-FCC-5.1G.EM6 (132)

Level (dBuV/m)

Date: 2014-07-31



Site no. : 3m Chamber Data no. : 21  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11a CH48 5240MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5243.375	33.59	9.02	35.70	108.79	115.70	74.00	-41.70 Peak
2	5350.000	33.76	9.13	35.70	48.38	55.57	74.00	18.43 Peak
3	5406.790	33.85	9.19	35.70	54.75	62.09	74.00	11.91 Peak
4	5460.000	33.94	9.25	35.70	50.43	57.92	74.00	16.08 Peak

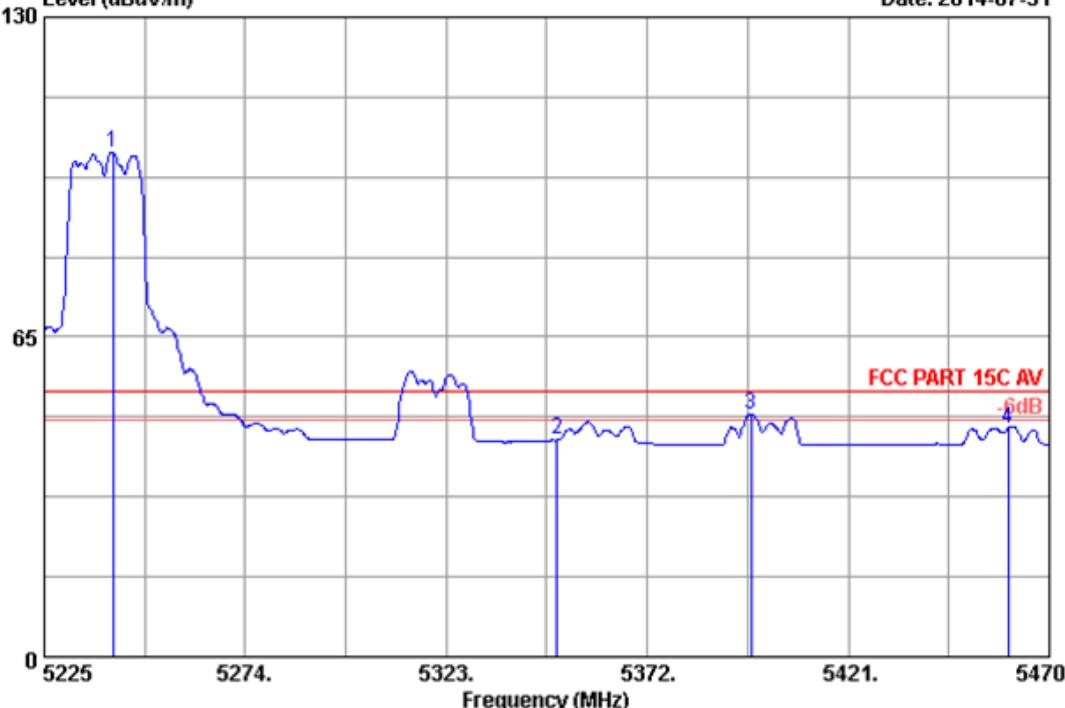
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.

Data: 22

File: G:\2014 Report\T\TP-LINK\ACS14Q1326-FCC-5.1G.EM6 (132)

Level (dBuV/m)

Date: 2014-07-31



Site no. : 3m Chamber Data no. : 22  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11a CH48 5240MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5241.660	33.59	9.02	35.70	95.55	102.46	54.00	-48.46 Average
2	5350.000	33.76	9.13	35.70	36.83	44.02	54.00	9.98 Average
3	5397.235	33.84	9.18	35.70	42.03	49.35	54.00	4.65 Average
4	5460.000	33.94	9.25	35.70	39.01	46.50	54.00	7.50 Average

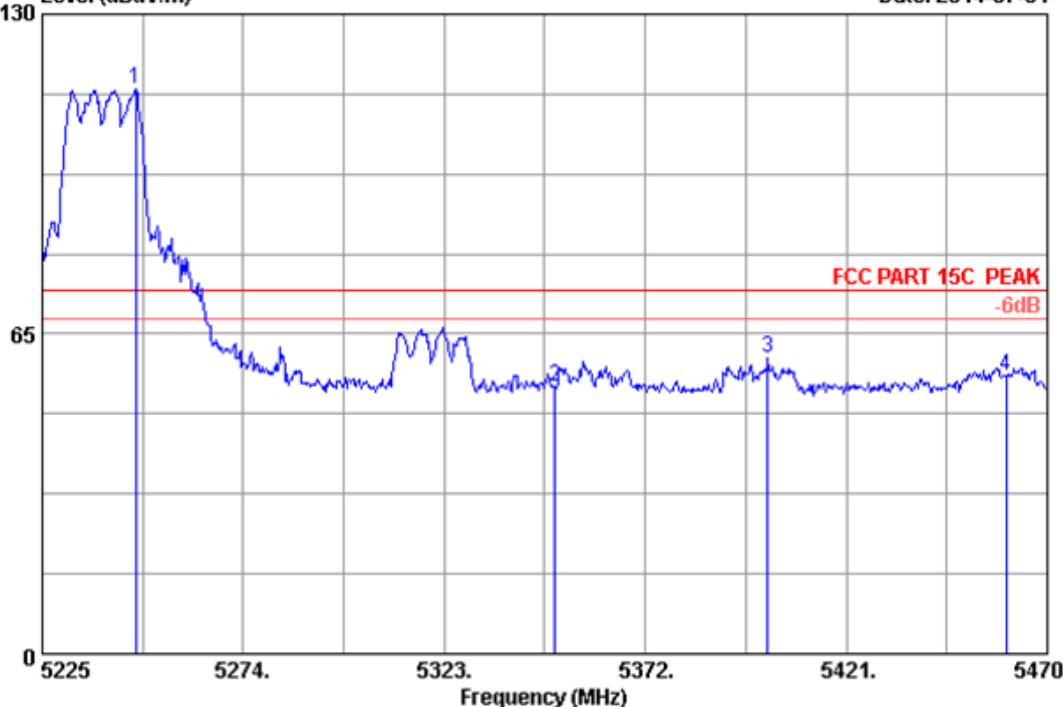
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.

Data: 27

File: G:\2014 Report\T\TP-LINK\ACS14Q1326-FCC-5.1G.EM6 (132)

Level (dBuV/m)

Date: 2014-07-31



Site no. : 3m Chamber Data no. : 27  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT20 CH40 5240MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5247.785	33.60	9.02	35.70	107.80	114.72	74.00	-40.72 Peak
2	5350.000	33.76	9.13	35.70	47.21	54.40	74.00	19.60 Peak
3	5401.890	33.84	9.19	35.70	52.76	60.09	74.00	13.91 Peak
4	5460.000	33.94	9.25	35.70	48.95	56.44	74.00	17.56 Peak

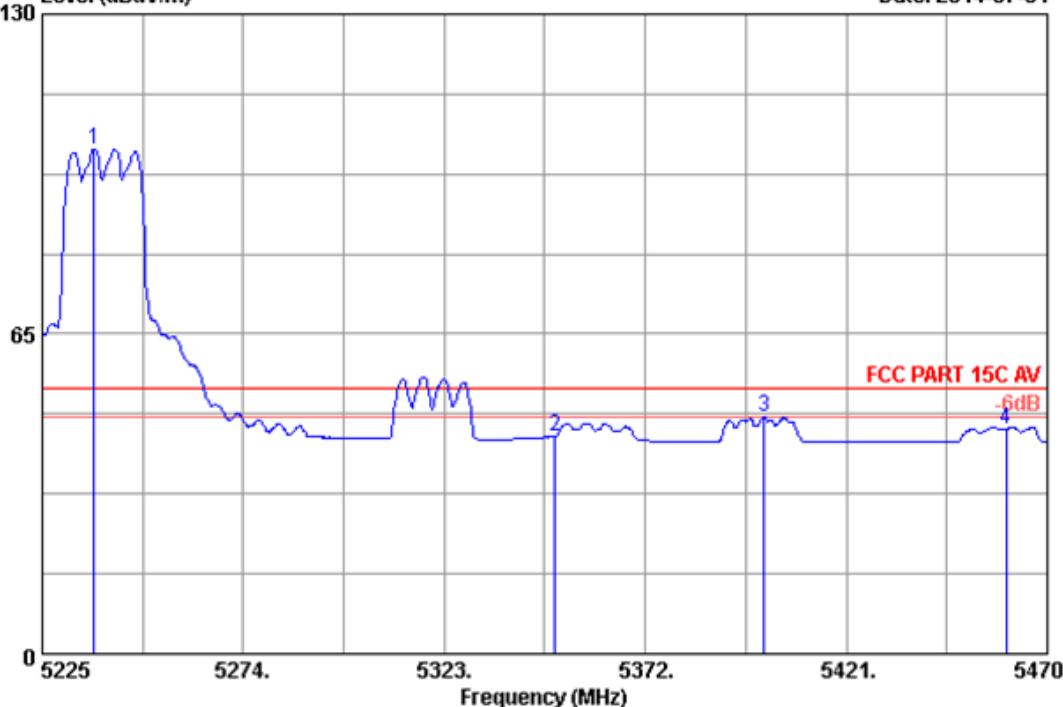
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.

Data: 28

File: G:\2014 Report\T\TP-LINK\ACS14Q1326-FCC-5.1G.EM6 (132)

Level (dBuV/m)

Date: 2014-07-31



Site no. : 3m Chamber Data no. : 28  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT20 CH48 5240MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant. Factor	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5237.740	33.58	9.01	35.70	95.74	102.63	54.00	-48.63	Average
2	5350.000	33.76	9.13	35.70	36.90	44.09	54.00	9.91	Average
3	5400.910	33.84	9.18	35.70	40.86	48.18	54.00	5.82	Average
4	5460.000	33.94	9.25	35.70	38.23	45.72	54.00	8.28	Average

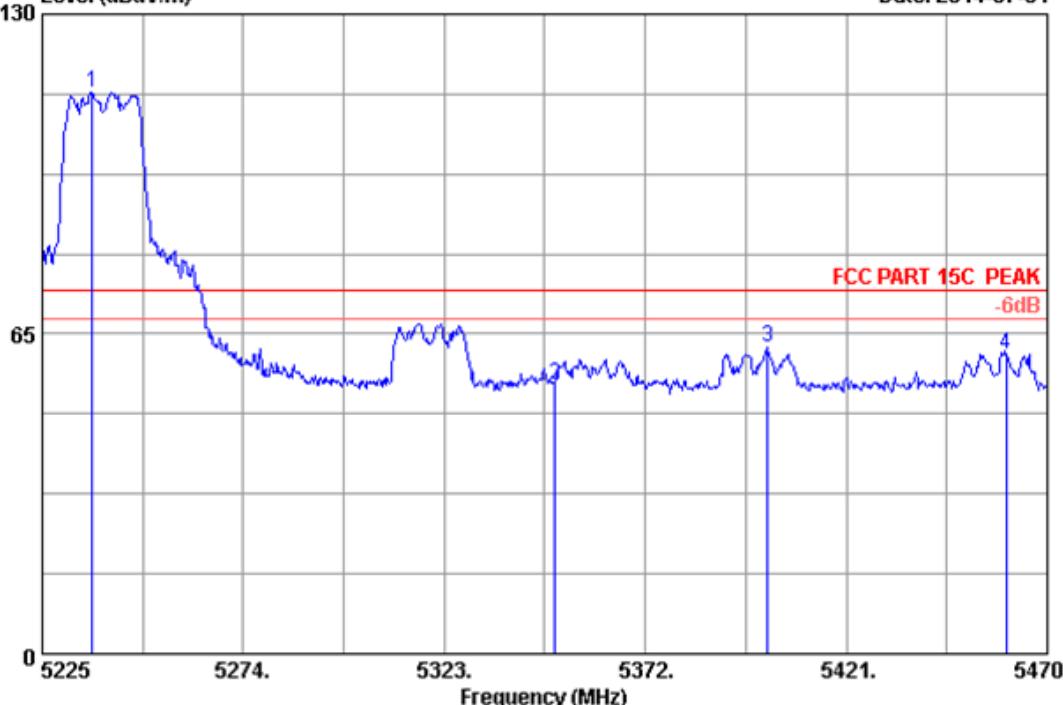
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.

Data: 29

File: G:\2014 Report\T\TP-LINK\ACS14Q1326-FCC-5.1G.EM6 (132)

Level (dBuV/m)

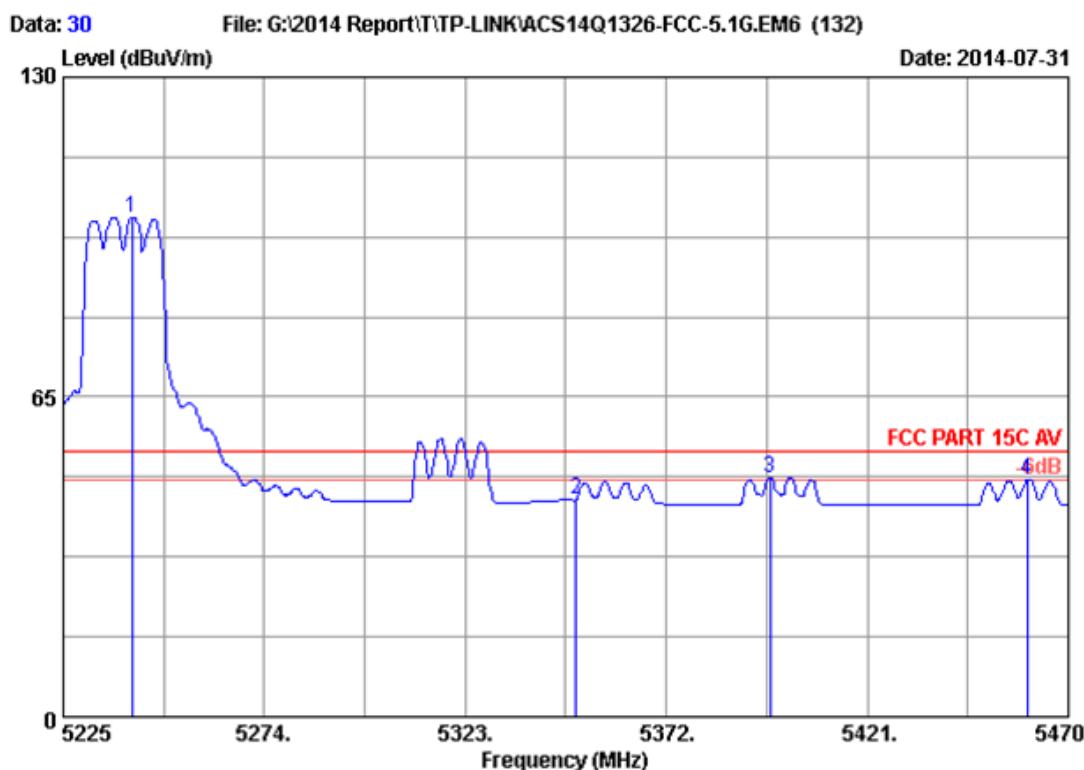
Date: 2014-07-31



Site no. : 3m Chamber Data no. : 29  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT20 CH48 5240MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5237.250	33.58	9.01	35.70	107.28	114.17	74.00	-40.17 Peak
2	5350.000	33.76	9.13	35.70	47.61	54.80	74.00	19.20 Peak
3	5401.890	33.84	9.19	35.70	54.84	62.17	74.00	11.83 Peak
4	5460.000	33.94	9.25	35.70	53.19	60.68	74.00	13.32 Peak

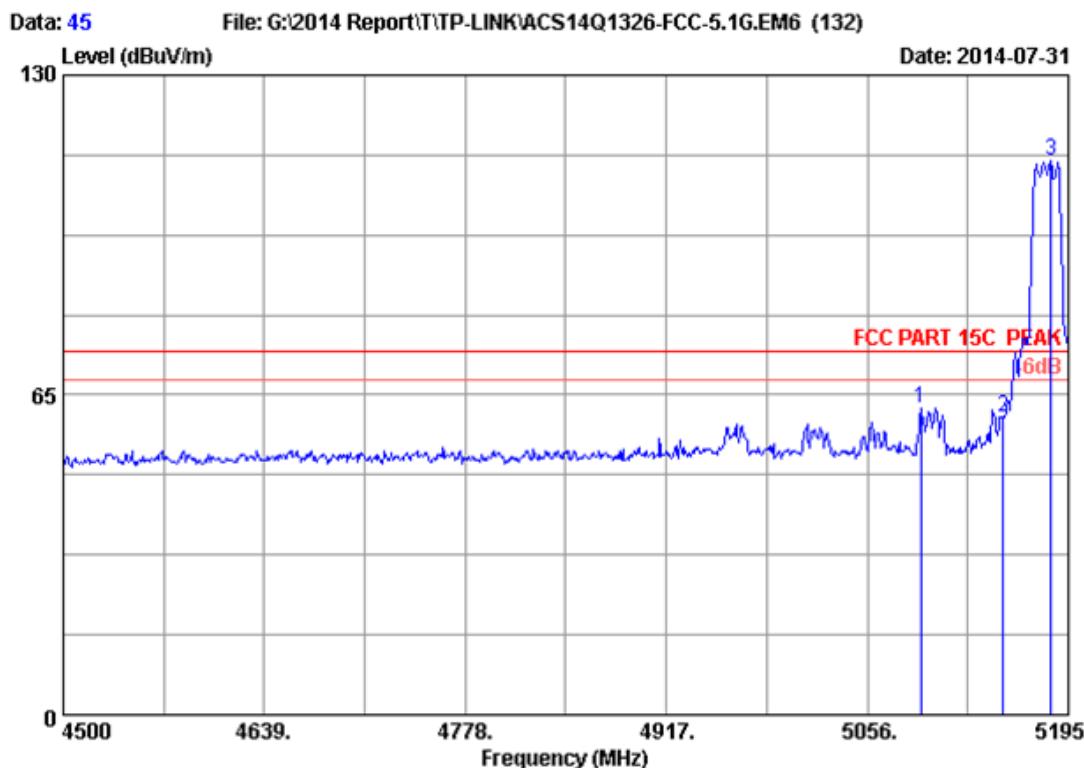
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 30  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT20 CH48 5240MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant. Factor	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5241.660	33.59	9.02	35.70	94.59	101.50	54.00	-47.50	Average
2	5350.000	33.76	9.13	35.70	36.87	44.06	54.00	9.94	Average
3	5397.235	33.84	9.18	35.70	41.34	48.66	54.00	5.34	Average
4	5460.000	33.94	9.25	35.70	40.66	48.15	54.00	5.85	Average

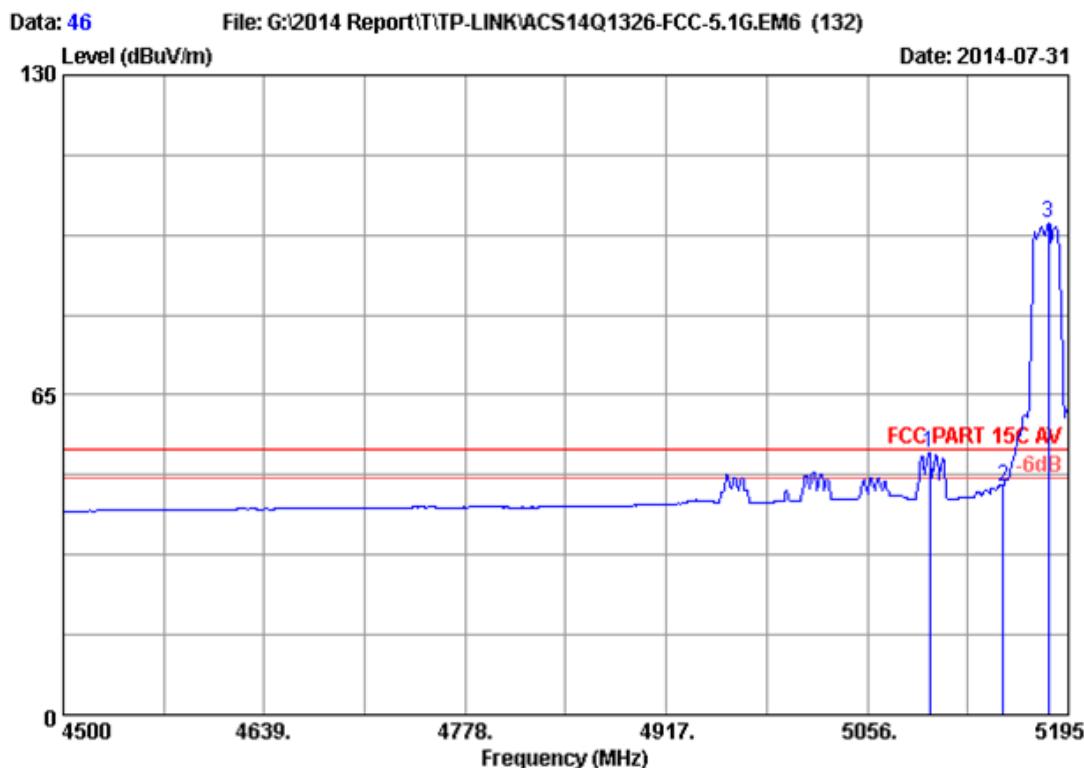
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 45  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant. Factor	Cable Loss (dB/m)	AMP factor (dB)	Reading (dBuV)	Emission			
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5092.835	33.35	8.86	35.70	55.93	62.44	74.00	11.56	Peak
2	5150.000	33.44	8.92	35.70	53.78	60.44	74.00	13.56	Peak
3	5183.185	33.49	8.96	35.70	105.74	112.49	74.00	-38.49	Peak

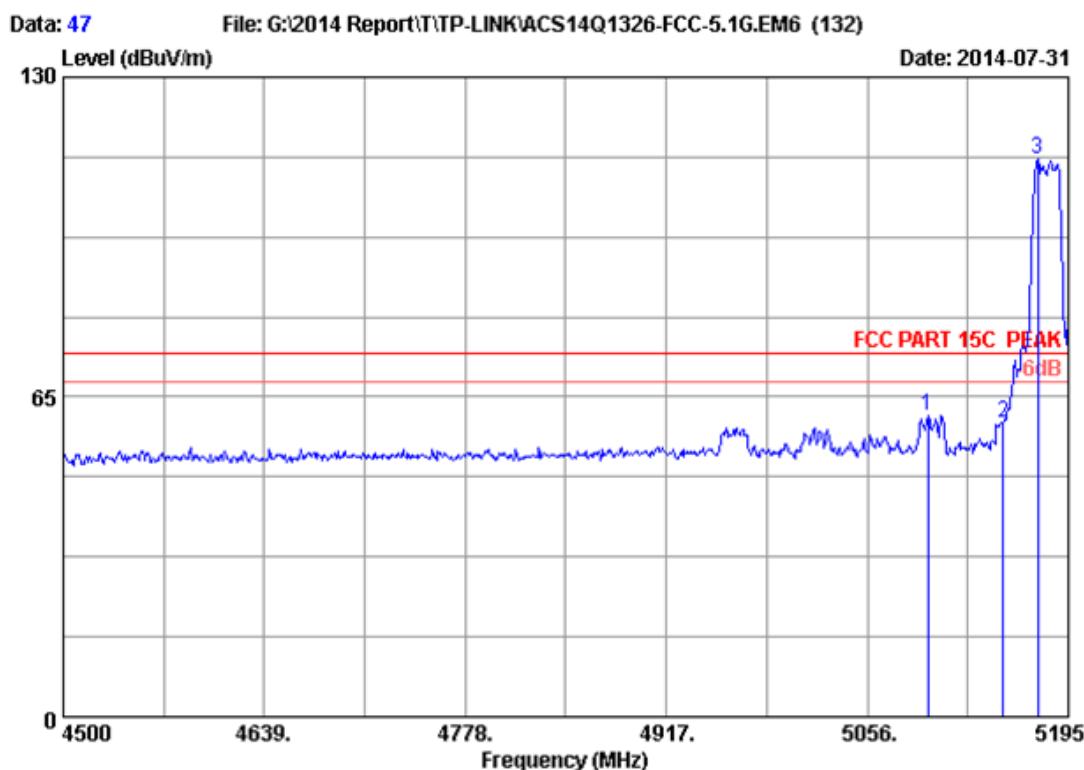
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 46  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5099.090	33.36	8.87	35.70	46.75	53.28	54.00	0.72 Average
2	5150.000	33.44	8.92	35.70	39.81	46.47	54.00	7.53 Average
3	5181.100	33.49	8.95	35.70	93.12	99.86	54.00	-45.86 Average

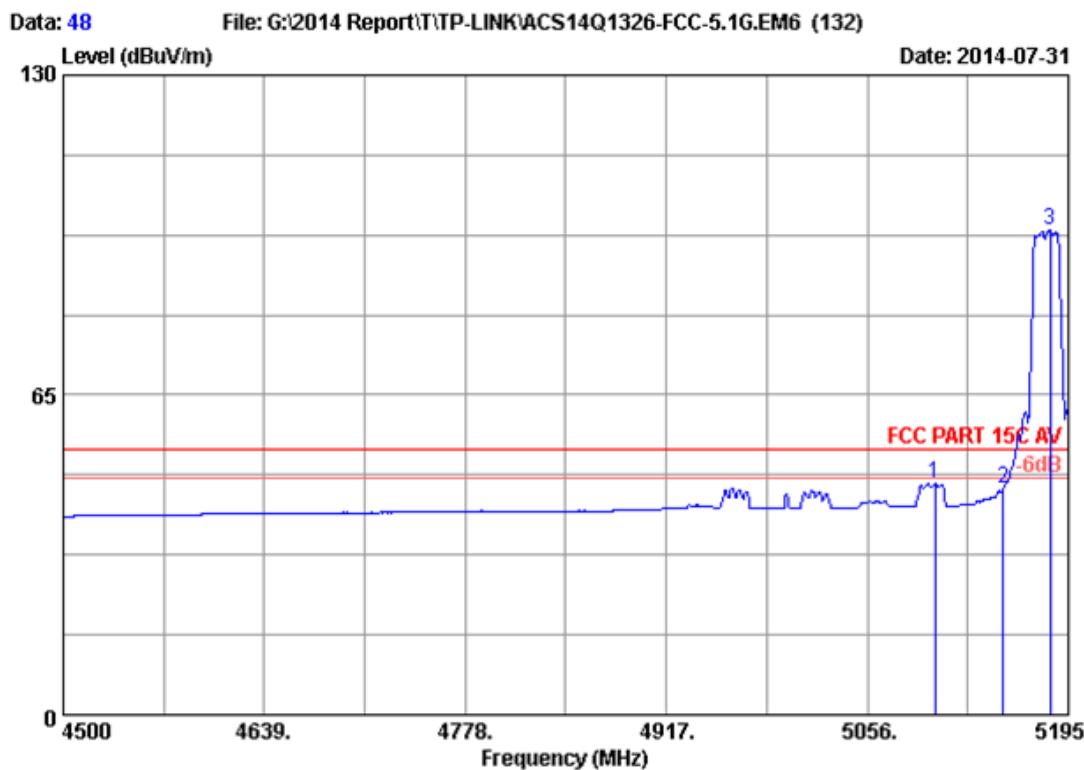
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 47  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant. Factor	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5097.700	33.36	8.87	35.70	54.82	61.35	74.00	12.65	Peak
2	5150.000	33.44	8.92	35.70	52.95	59.61	74.00	14.39	Peak
3	5174.150	33.48	8.95	35.70	106.49	113.22	74.00	-39.22	Peak

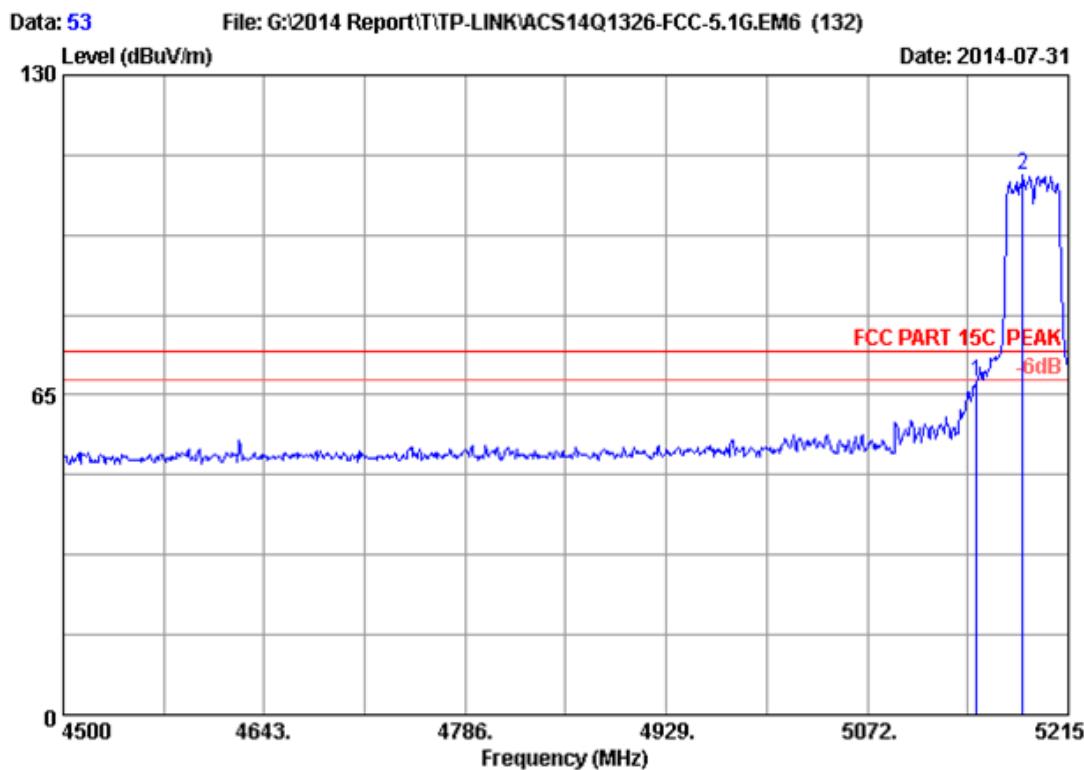
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 48  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT20 CH36 5180MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant. Factor	Cable Loss (dB/m)	AMP factor (dB)	Reading (dBuV)	Emission			
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5102.565	33.36	8.87	35.70	40.53	47.06	54.00	6.94	Average
2	5150.000	33.44	8.92	35.70	39.30	45.96	54.00	8.04	Average
3	5182.490	33.49	8.96	35.70	91.71	98.46	54.00	-44.46	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 53  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT40 CH38 5190MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5150.000	33.44	8.92	35.70	61.13	67.79	74.00	6.21 Peak
2	5182.825	33.49	8.96	35.70	102.89	109.64	74.00	-35.64 Peak

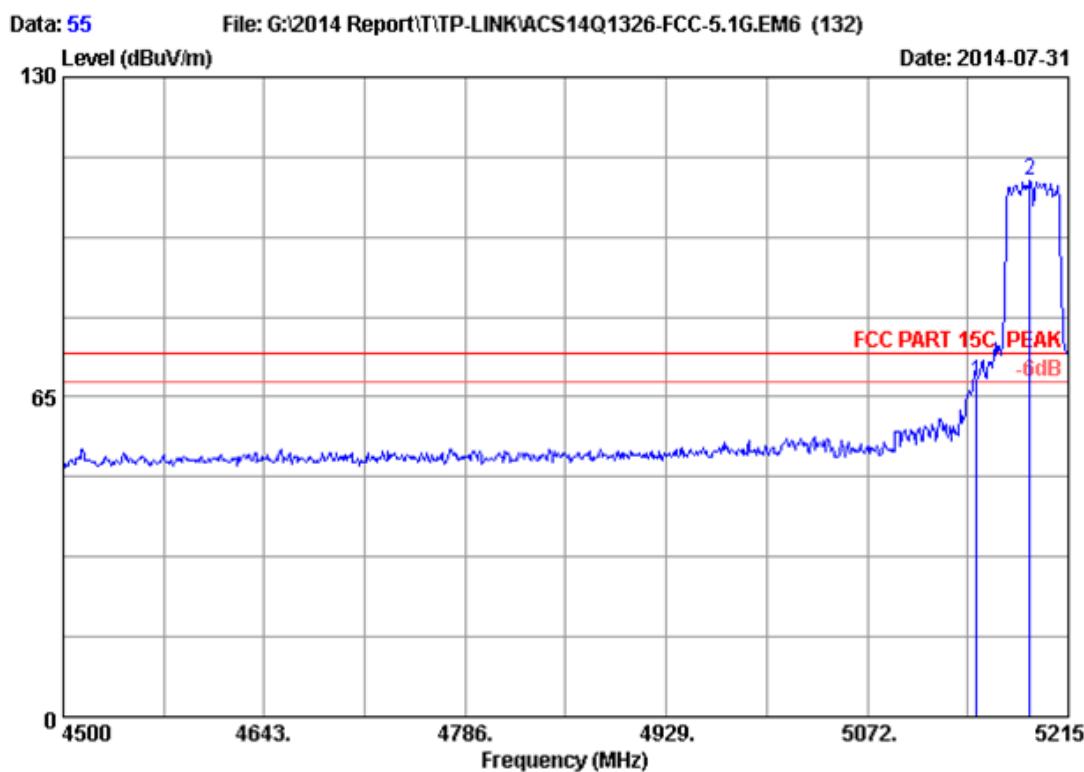
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 54  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT40 CH38 5190MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5150.000	33.44	8.92	35.70	46.13	52.79	54.00	1.21 Average
2	5187.830	33.50	8.96	35.70	85.78	92.54	54.00	-38.54 Average

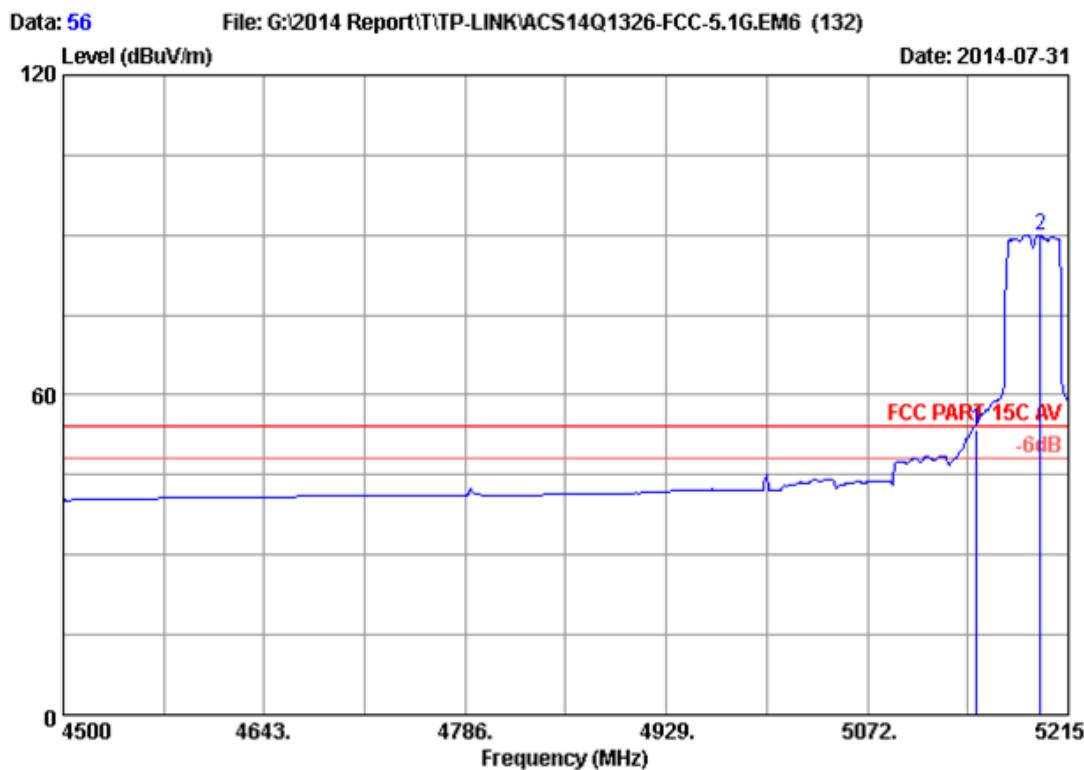
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 55  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT40 CH38 5190MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5150.000	33.44	8.92	35.70	61.59	68.25	74.00	5.75 Peak
2	5187.830	33.50	8.96	35.70	102.11	108.87	74.00	-34.87 Peak

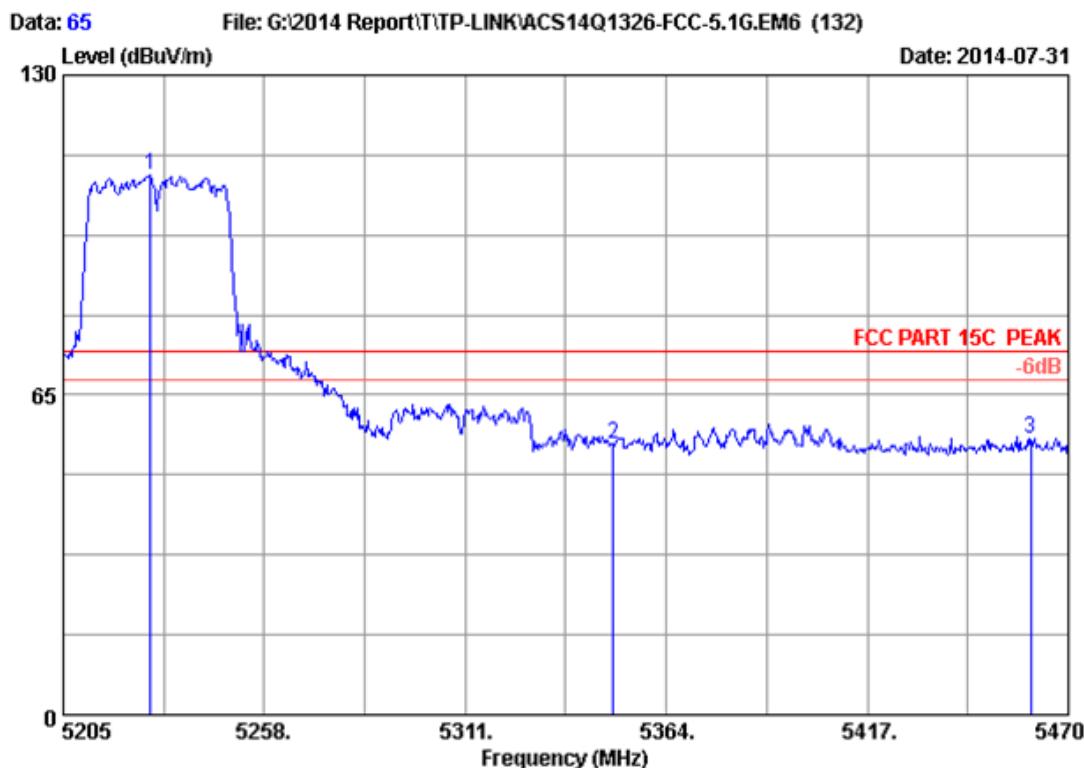
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



Site no. : 3m Chamber Data no. : 56  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT40 CH38 5190MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant. Factor	Cable Loss (dB/m)	AMP factor (dB)	Reading (dBuV)	Emission			
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5150.000	33.44	8.92	35.70	46.78	53.44	54.00	0.56	Average
2	5194.960	33.51	8.97	35.70	83.24	90.02	54.00	-36.02	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.



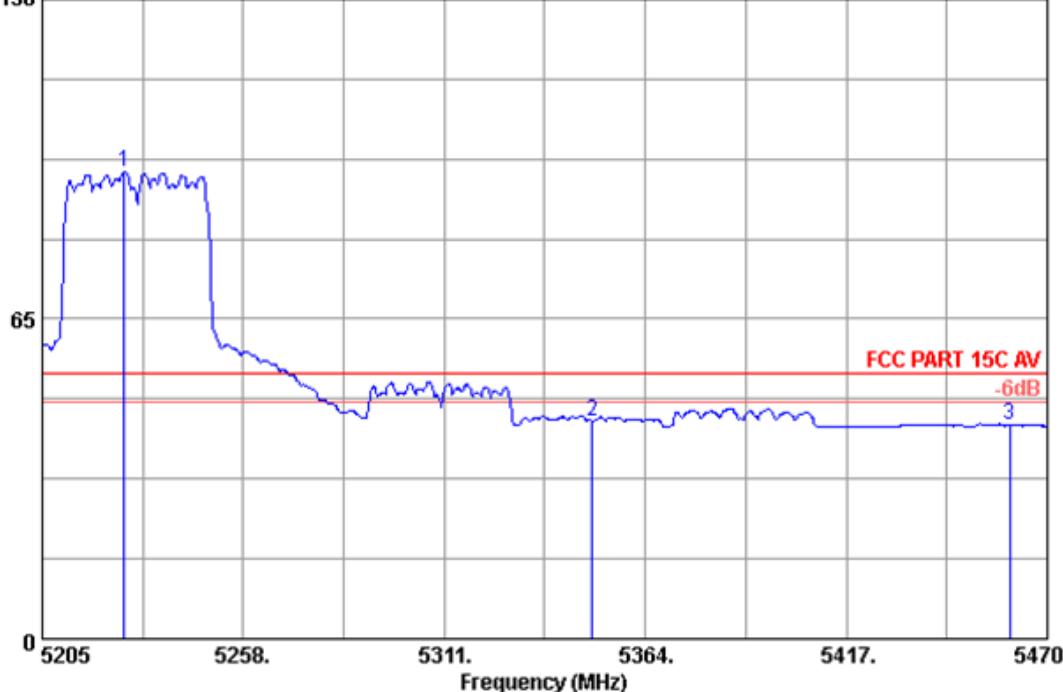
Site no. : 3m Chamber Data no. : 65  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C PEAK  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT40 CH46 5230MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant.	Cable	AMP	Emission			
		Factor (dB/m)	Loss (dB)	factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
1	5228.055	33.56	9.00	35.70	102.94	109.80	74.00	-35.80 Peak
2	5350.000	33.76	9.13	35.70	47.94	55.13	74.00	18.87 Peak
3	5460.000	33.94	9.25	35.70	48.72	56.21	74.00	17.79 Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.

Data: 66 File: G:\2014 Report\T\TP-LINK\ACS14Q1326-FCC-5.1G.EM6 (132)

Level (dBuV/m) Date: 2014-07-31



Site no. : 3m Chamber Data no. : 66  
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
Limit : FCC PART 15C AV  
Env. / Ins. : 24°C/56% Engineer : Leo-Li  
EUT : AC1750 Wireless Dual Band DOCSIS 3.0 Cable Modem Router  
Power Rating : DC 12V From Adapter Input AC 120V/60Hz  
Test Mode : IEEE802.11nHT40 CH46 5230MHz Tx  
M/N : Archer CR700

No.	Freq. (MHz)	Ant. Factor	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5226.730	33.56	9.00	35.70	88.05	94.91	54.00	-40.91	Average
2	5350.000	33.76	9.13	35.70	36.89	44.08	54.00	9.92	Average
3	5460.000	33.94	9.25	35.70	35.95	43.44	54.00	10.56	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
-Amp Factor  
2. The emission levels that are 20dB below the official  
limit are not reported.