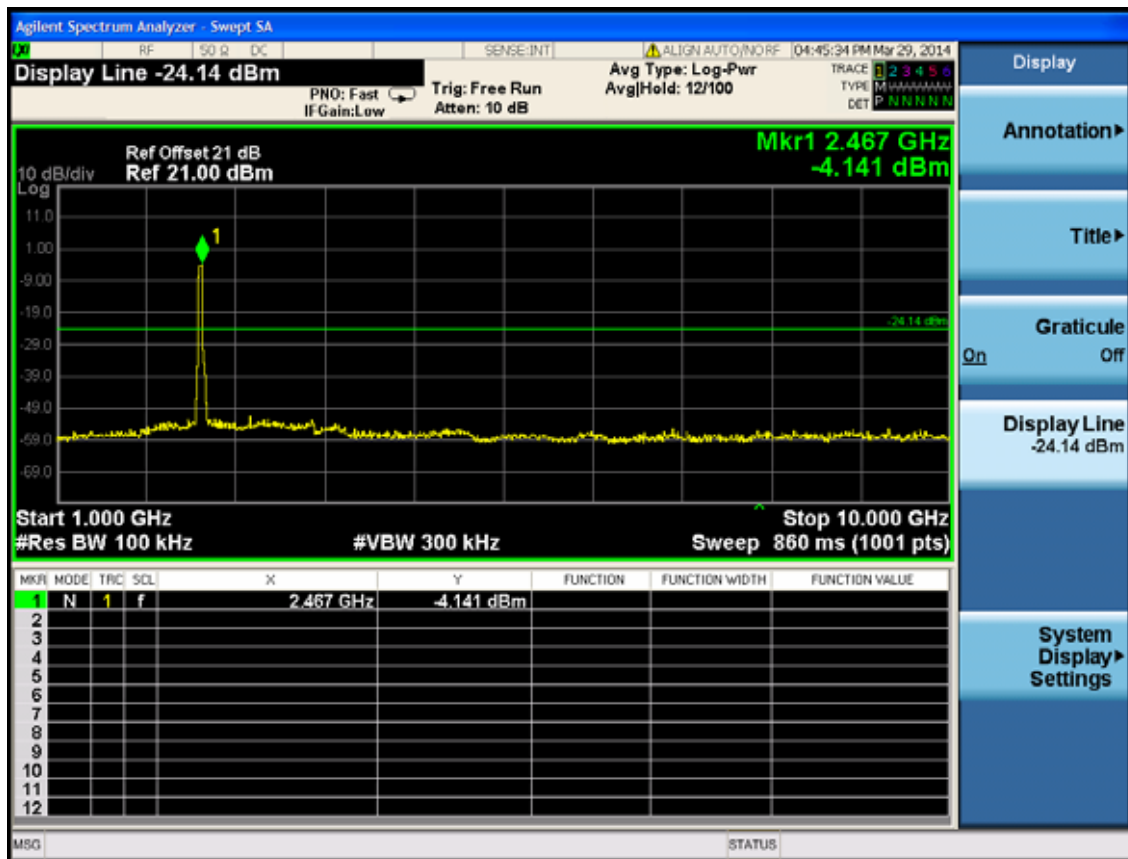
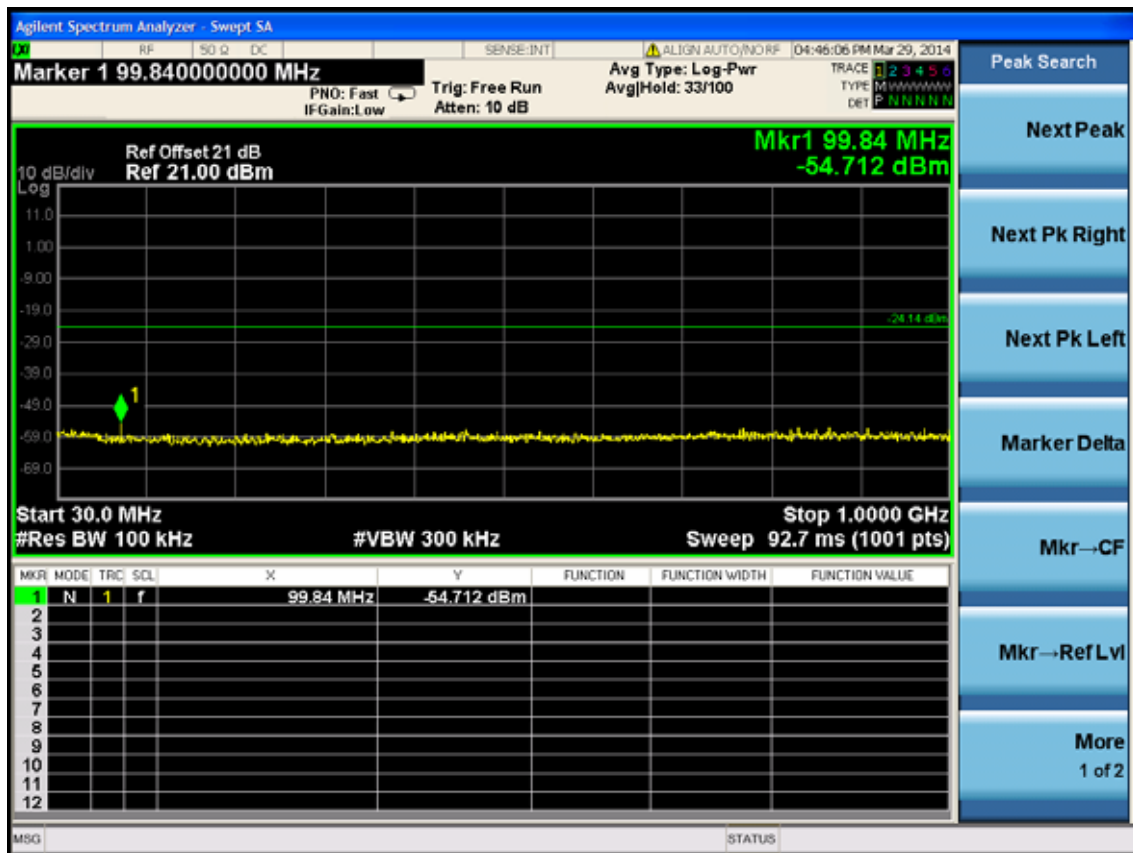
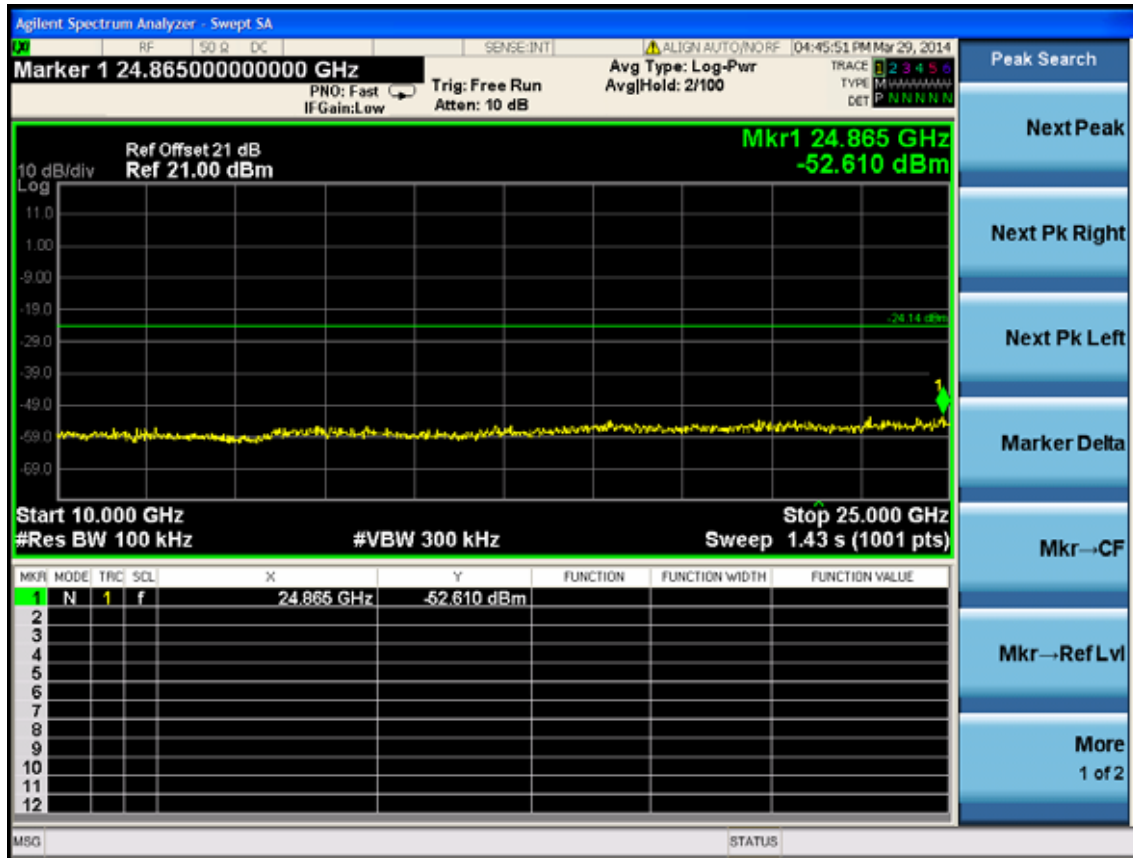


Test CH7: 2452MHz





## 6. BAND EDGE COMPLIANCE TEST

### 6.1. 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	EMCO	3115	9510-4580	May.28, 13	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

### 6.2. Limit

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

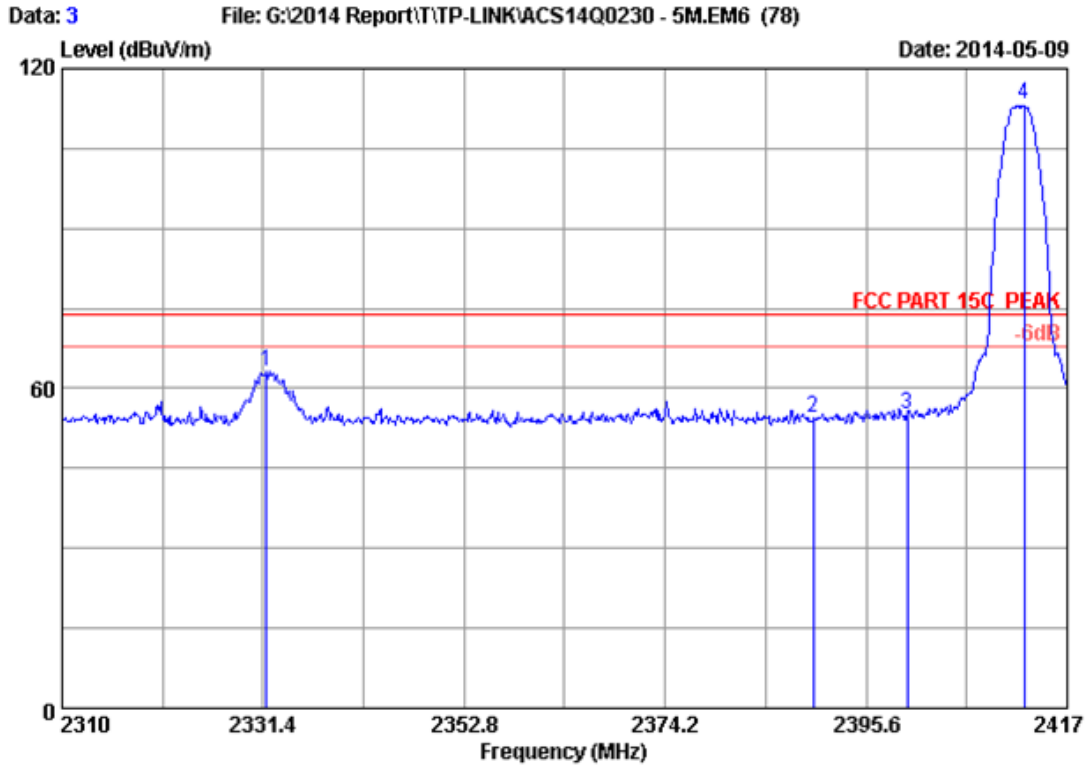
### 6.3. Test Produce

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

### 6.4. Test Results

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

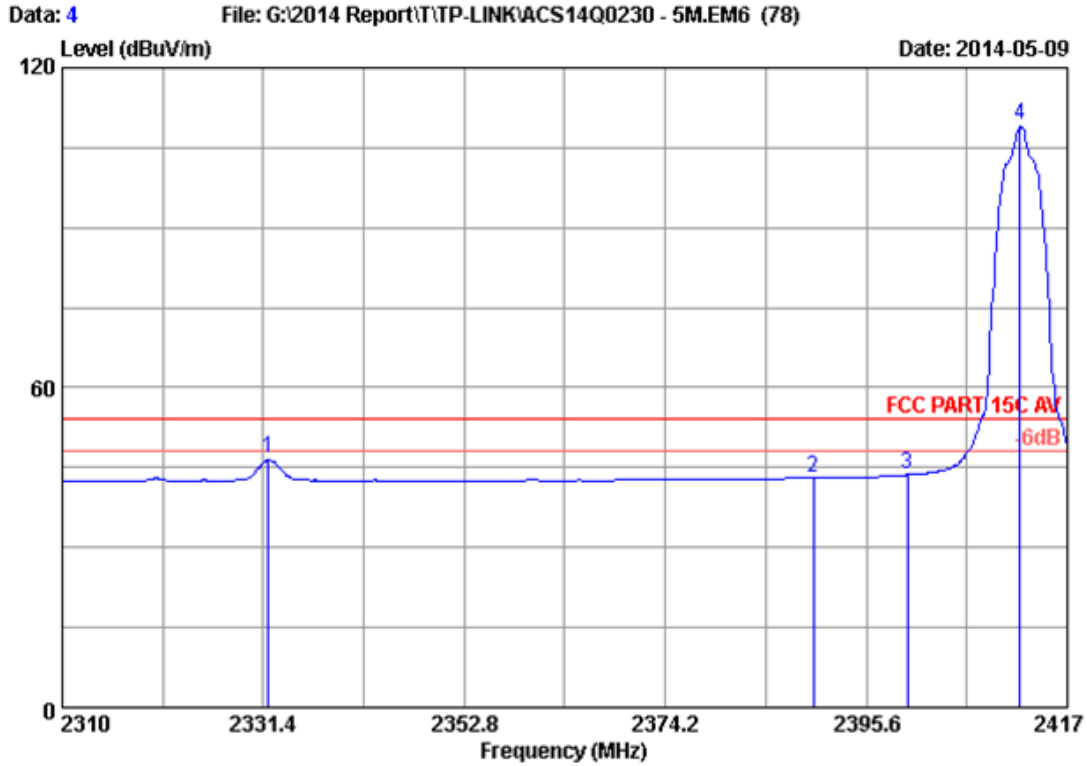
5MHz



Site no. : 3m Chamber Data no. : 3  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2331.721	28.03	5.70	35.70	65.28	63.31	74.00	10.69	Peak
2	2390.000	28.16	5.78	35.70	56.27	54.51	74.00	19.49	Peak
3	2400.000	28.18	5.80	35.70	56.94	55.22	74.00	18.78	Peak
4	2412.399	28.21	5.82	35.70	114.87	113.20	74.00	-39.20	Peak

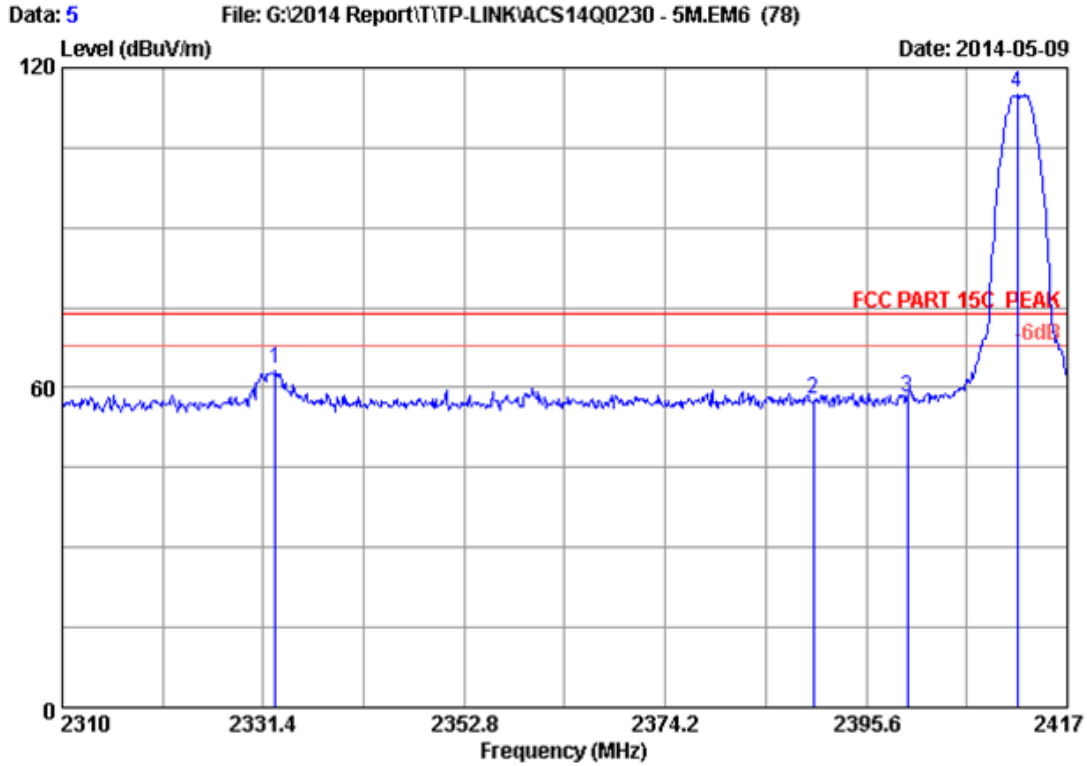
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 4  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2331.935	28.03	5.70	35.70	48.62	46.65	54.00	7.35	Average
2	2390.000	28.16	5.78	35.70	44.79	43.03	54.00	10.97	Average
3	2400.000	28.18	5.80	35.70	45.63	43.91	54.00	10.09	Average
4	2411.971	28.21	5.81	35.70	110.86	109.18	54.00	-55.18	Average

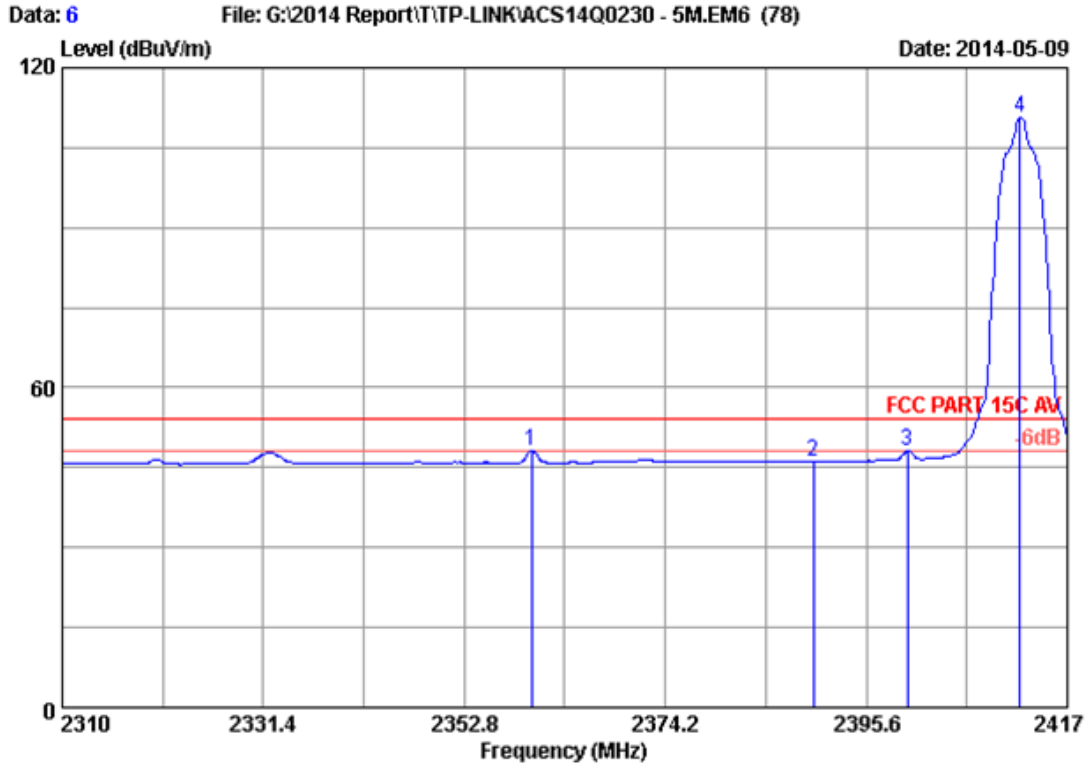
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 5  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2332.684	28.03	5.70	35.70	65.37	63.40	74.00	10.60	Peak
2	2390.000	28.16	5.78	35.70	59.62	57.86	74.00	16.14	Peak
3	2400.000	28.18	5.80	35.70	59.90	58.18	74.00	15.82	Peak
4	2411.650	28.21	5.81	35.70	116.85	115.17	74.00	-41.17	Peak

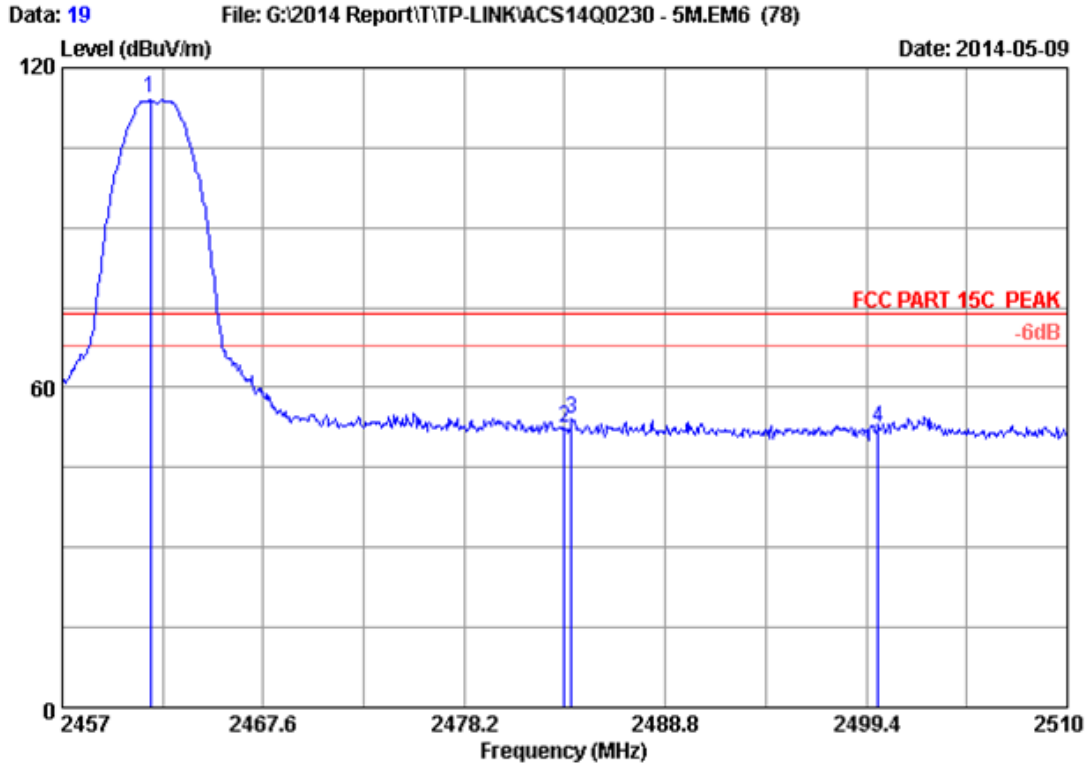
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 6  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2359.969	28.09	5.74	35.70	49.99	48.12	54.00	5.88	Average
2	2390.000	28.16	5.78	35.70	47.97	46.21	54.00	7.79	Average
3	2400.000	28.18	5.80	35.70	49.75	48.03	54.00	5.97	Average
4	2411.971	28.21	5.81	35.70	112.37	110.69	54.00	-56.69	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.

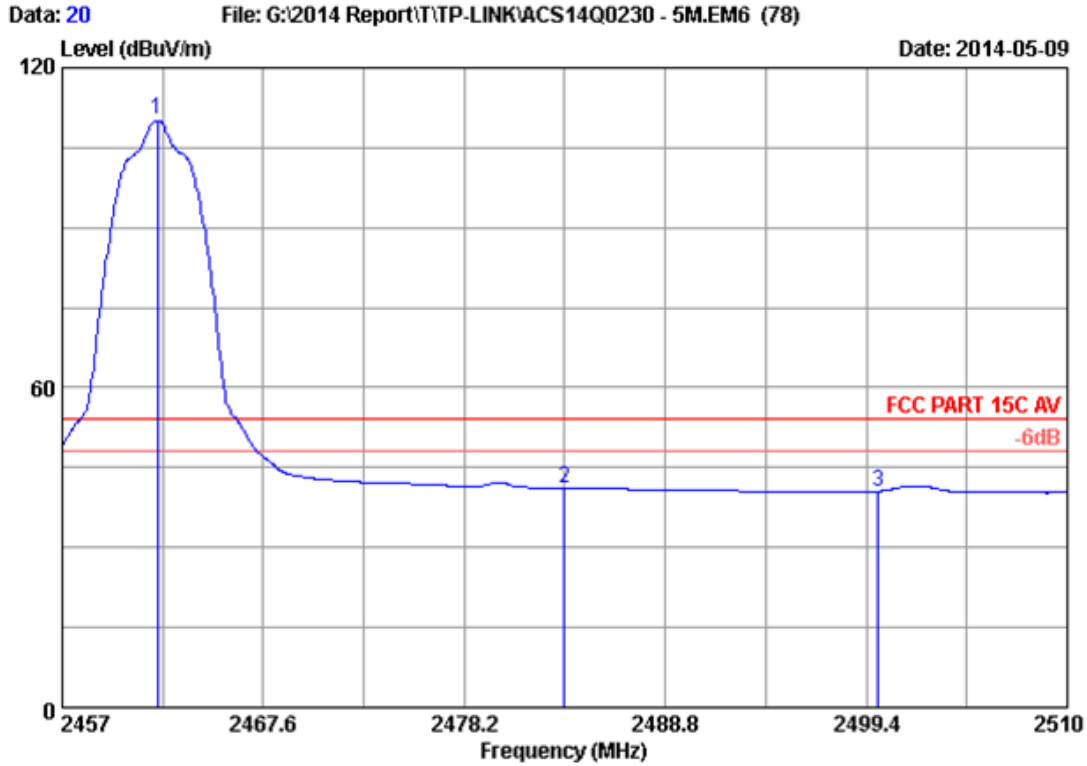


Site no. : 3m Chamber Data no. : 19  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2461.664	28.32	5.89	35.70	115.69	114.20	74.00	-40.20	Peak
2	2483.500	28.36	5.92	35.70	53.93	52.51	74.00	21.49	Peak
3	2483.871	28.36	5.92	35.70	55.44	54.02	74.00	19.98	Peak
4	2500.000	28.40	5.94	35.70	53.82	52.46	74.00	21.54	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.

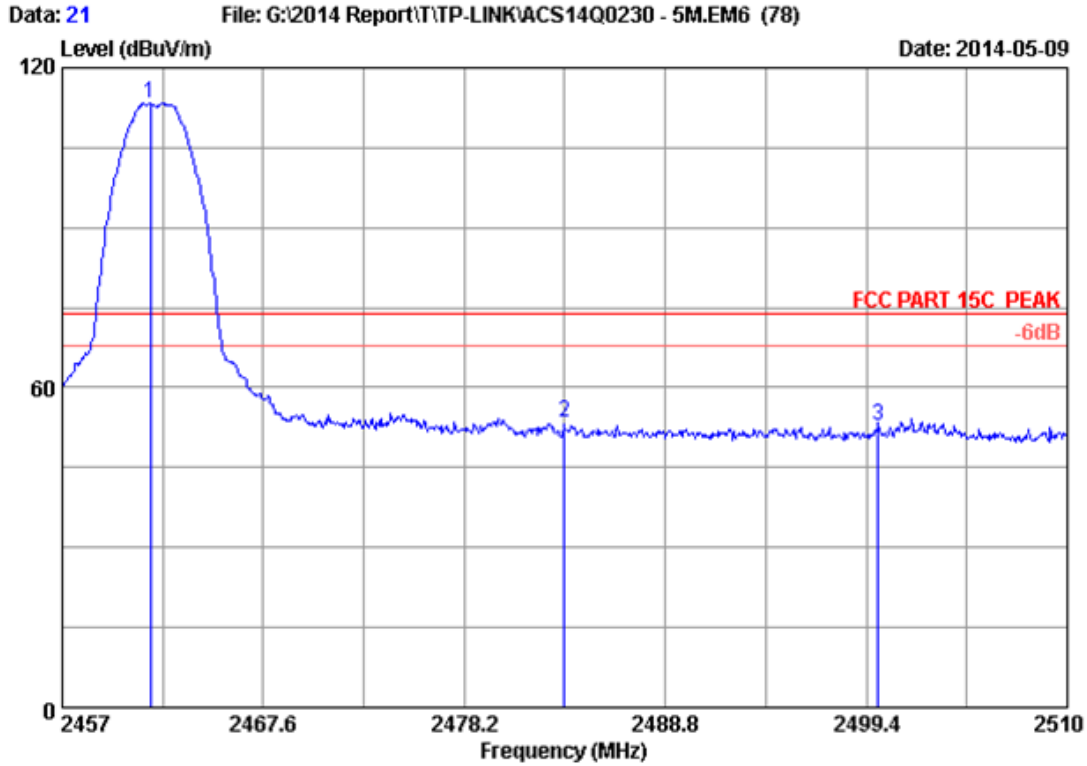




Site no. : 3m Chamber Data no. : 20  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2462.035	28.32	5.89	35.70	111.89	110.40	54.00	-56.40	Average
2	2483.500	28.36	5.92	35.70	42.57	41.15	54.00	12.85	Average
3	2500.000	28.40	5.94	35.70	41.91	40.55	54.00	13.45	Average

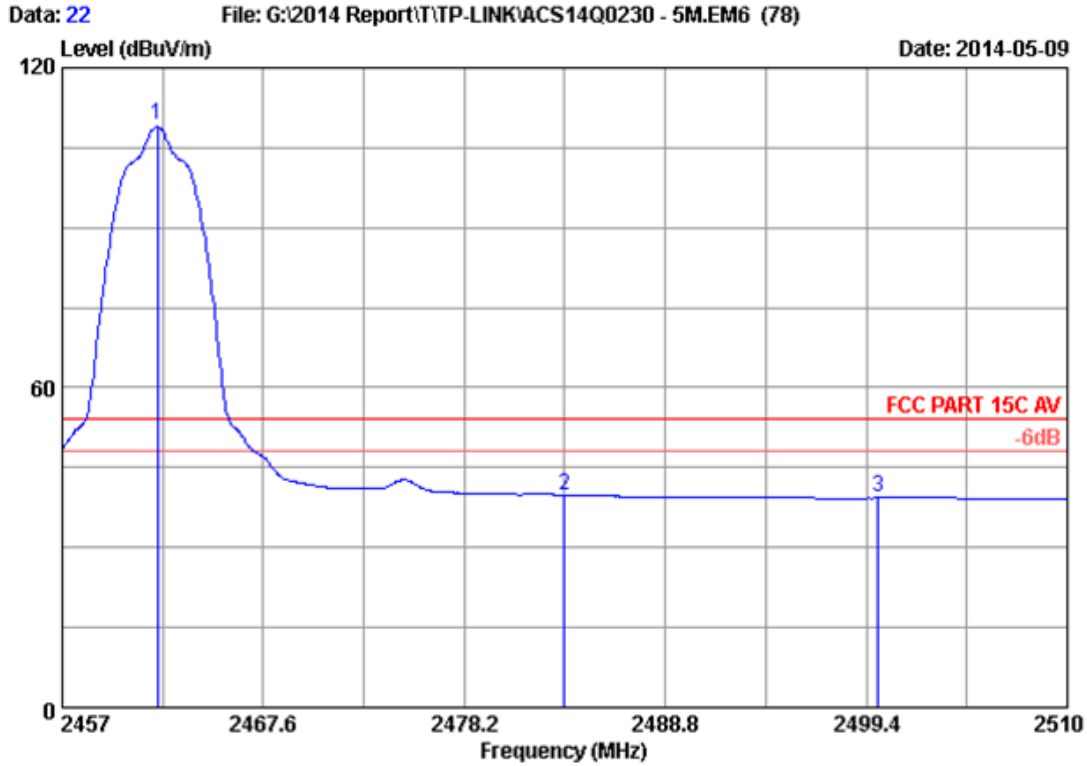
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 21  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2461.664	28.32	5.89	35.70	114.84	113.35	74.00	-39.35	Peak
2	2483.500	28.36	5.92	35.70	54.88	53.46	74.00	20.54	Peak
3	2500.000	28.40	5.94	35.70	54.07	52.71	74.00	21.29	Peak

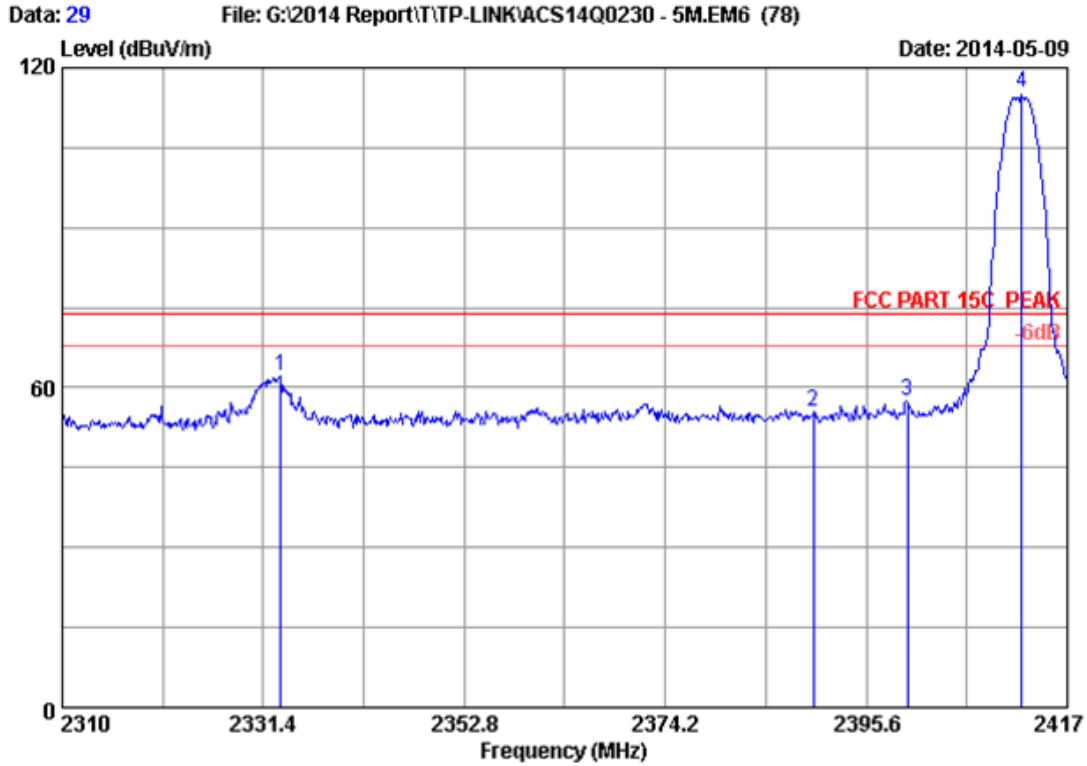
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 22  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2462.035	28.32	5.89	35.70	110.84	109.35	54.00	-55.35	Average
2	2483.500	28.36	5.92	35.70	41.19	39.77	54.00	14.23	Average
3	2500.000	28.40	5.94	35.70	40.66	39.30	54.00	14.70	Average

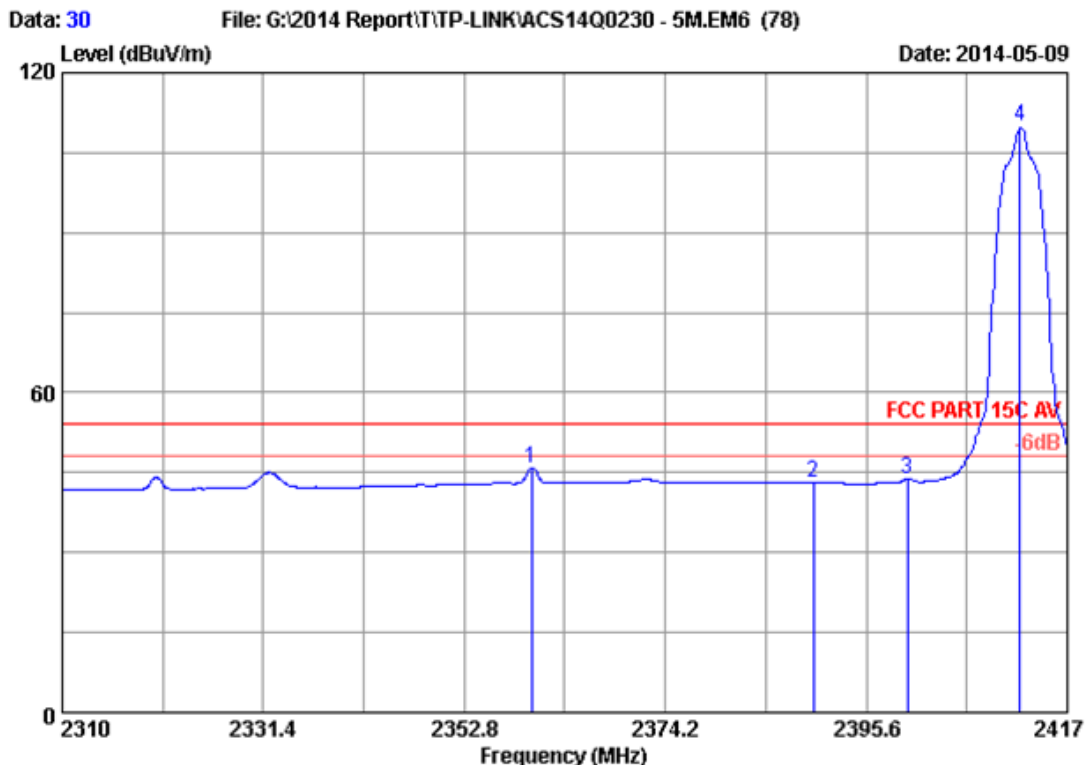
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 29  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2333.219	28.03	5.70	35.70	64.03	62.06	74.00	11.94	Peak
2	2390.000	28.16	5.78	35.70	57.40	55.64	74.00	18.36	Peak
3	2400.000	28.18	5.80	35.70	59.07	57.35	74.00	16.65	Peak
4	2412.185	28.21	5.81	35.70	116.85	115.17	74.00	-41.17	Peak

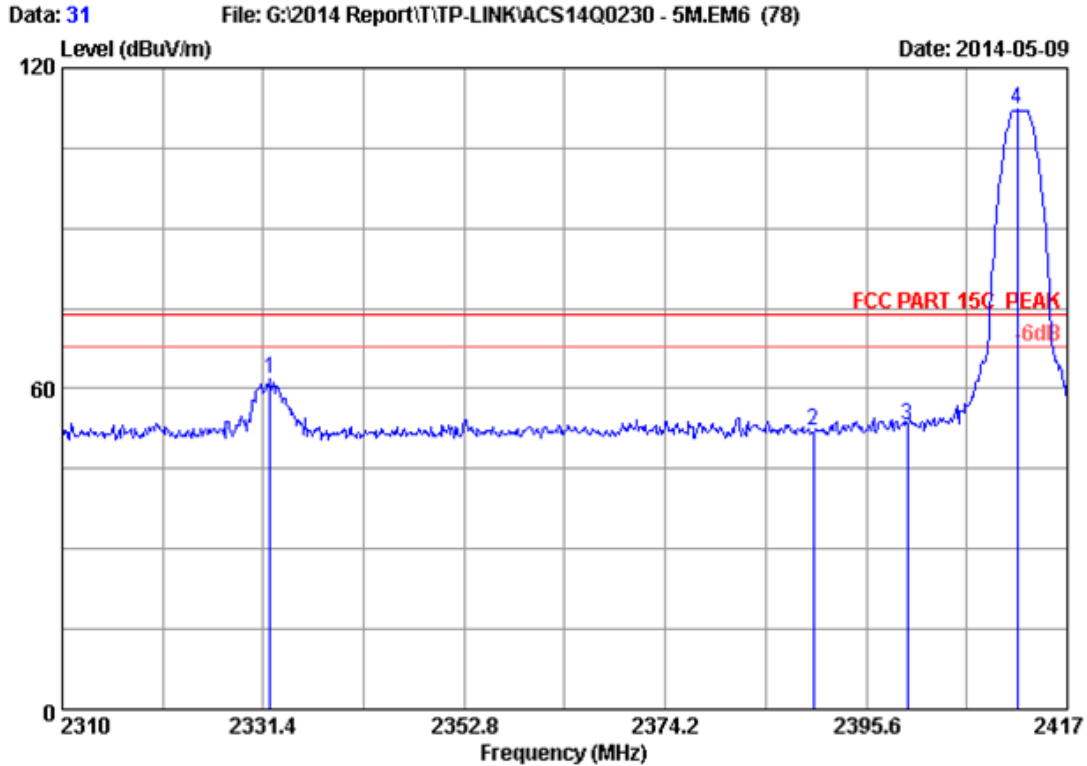
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 30  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2359.969	28.09	5.74	35.70	47.79	45.92	54.00	8.08	Average
2	2390.000	28.16	5.78	35.70	44.85	43.09	54.00	10.91	Average
3	2400.000	28.18	5.80	35.70	45.51	43.79	54.00	10.21	Average
4	2411.971	28.21	5.81	35.70	111.65	109.97	54.00	-55.97	Average

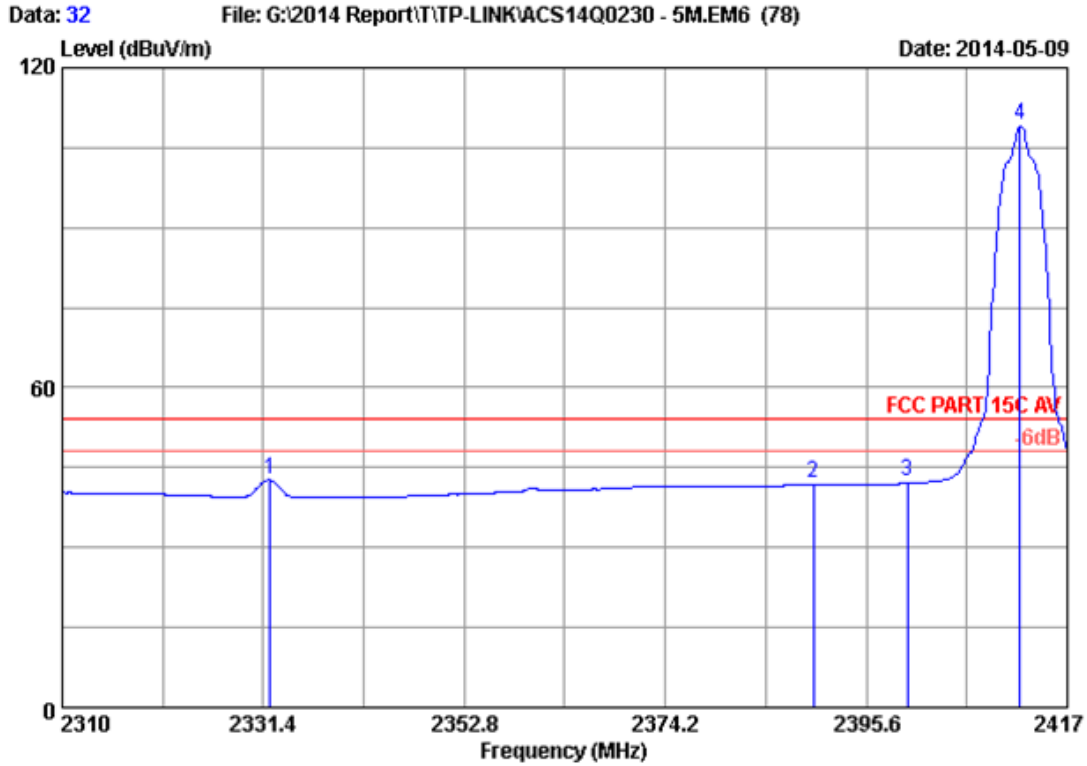
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 31  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2332.149	28.03	5.70	35.70	63.86	61.89	74.00	12.11	Peak
2	2390.000	28.16	5.78	35.70	53.91	52.15	74.00	21.85	Peak
3	2400.000	28.18	5.80	35.70	54.97	53.25	74.00	20.75	Peak
4	2411.650	28.21	5.81	35.70	113.95	112.27	74.00	-38.27	Peak

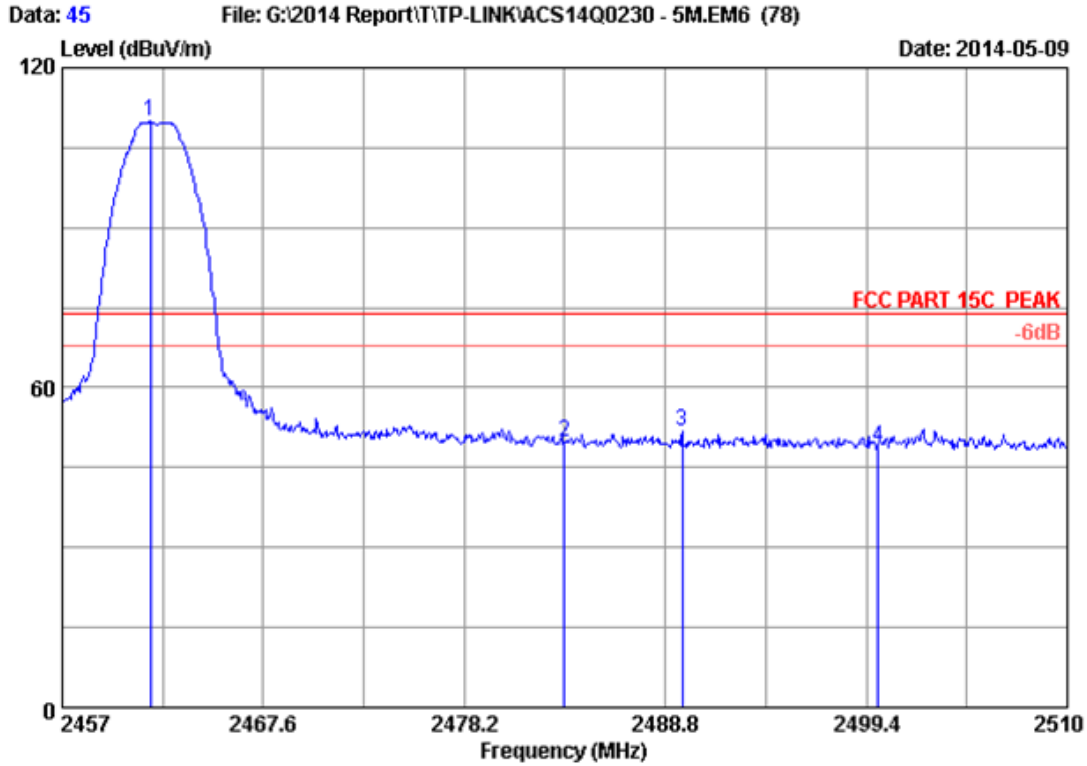
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 32  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2332.149	28.03	5.70	35.70	44.62	42.65	54.00	11.35	Average
2	2390.000	28.16	5.78	35.70	43.83	42.07	54.00	11.93	Average
3	2400.000	28.18	5.80	35.70	44.16	42.44	54.00	11.56	Average
4	2411.971	28.21	5.81	35.70	110.88	109.20	54.00	-55.20	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.

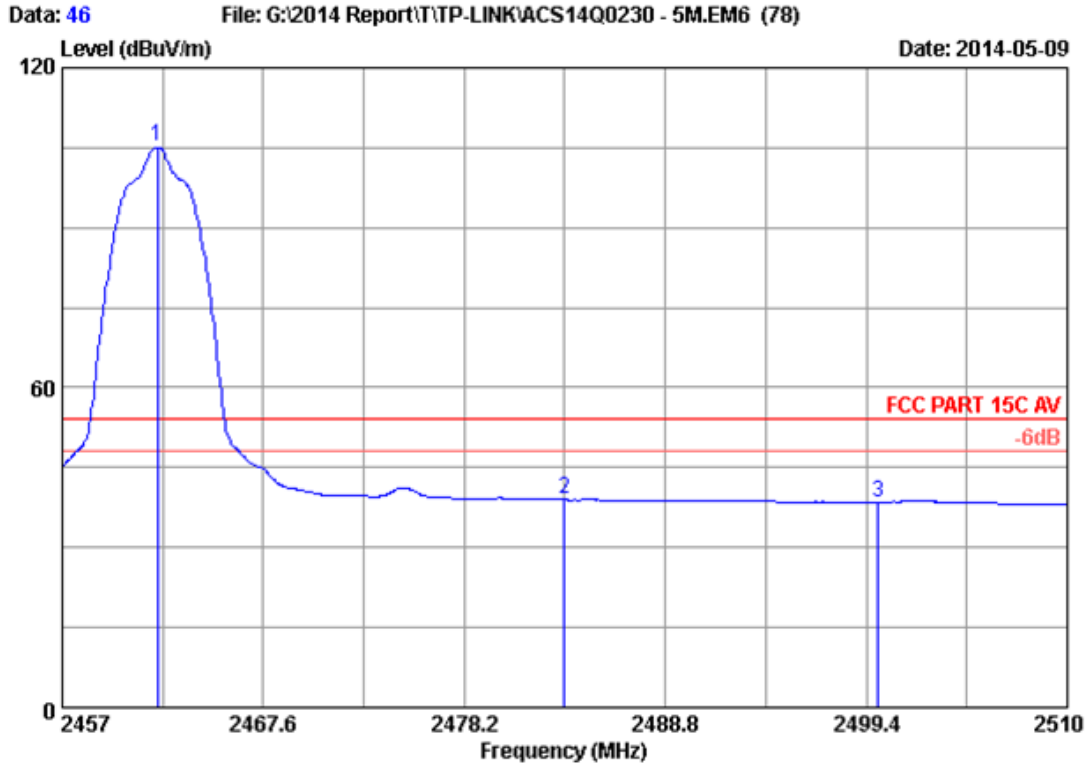


Site no. : 3m Chamber Data no. : 45  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2461.664	28.32	5.89	35.70	111.62	110.13	74.00	-36.13	Peak
2	2483.500	28.36	5.92	35.70	51.28	49.86	74.00	24.14	Peak
3	2489.701	28.38	5.93	35.70	53.27	51.88	74.00	22.12	Peak
4	2500.000	28.40	5.94	35.70	50.20	48.84	74.00	25.16	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.

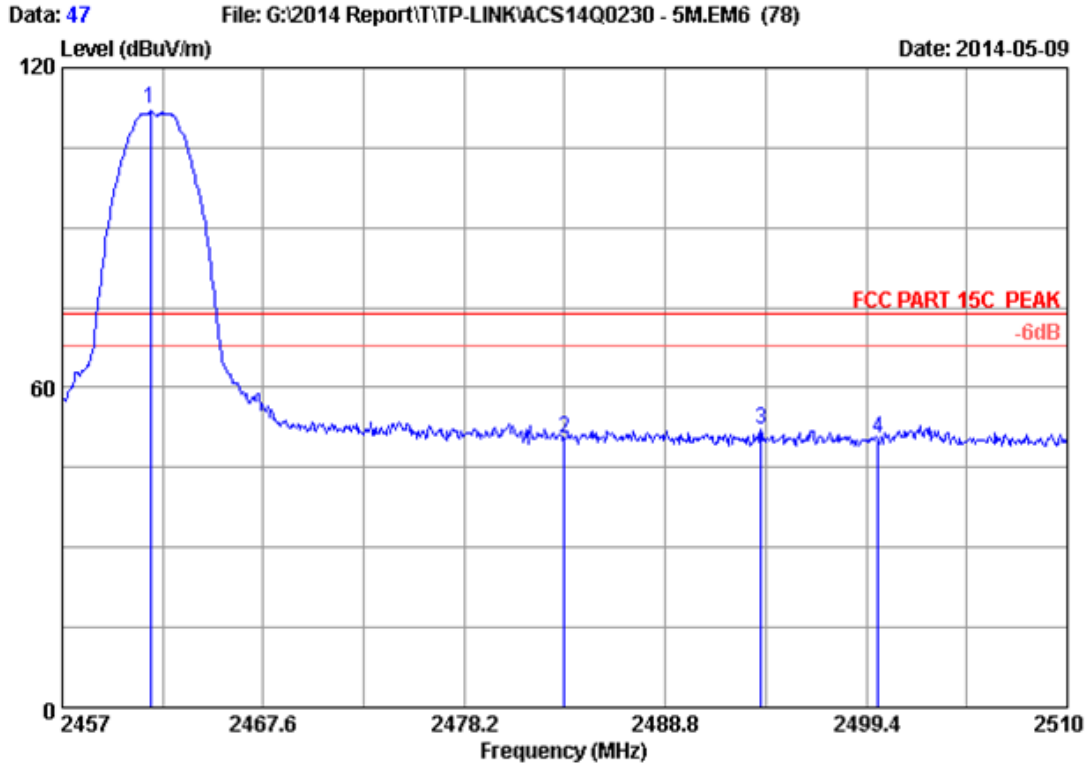




Site no. : 3m Chamber Data no. : 46  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.035	28.32	5.89	35.70	106.71	105.22	54.00	-51.22	Average
2	2483.500	28.36	5.92	35.70	40.40	38.98	54.00	15.02	Average
3	2500.000	28.40	5.94	35.70	39.90	38.54	54.00	15.46	Average

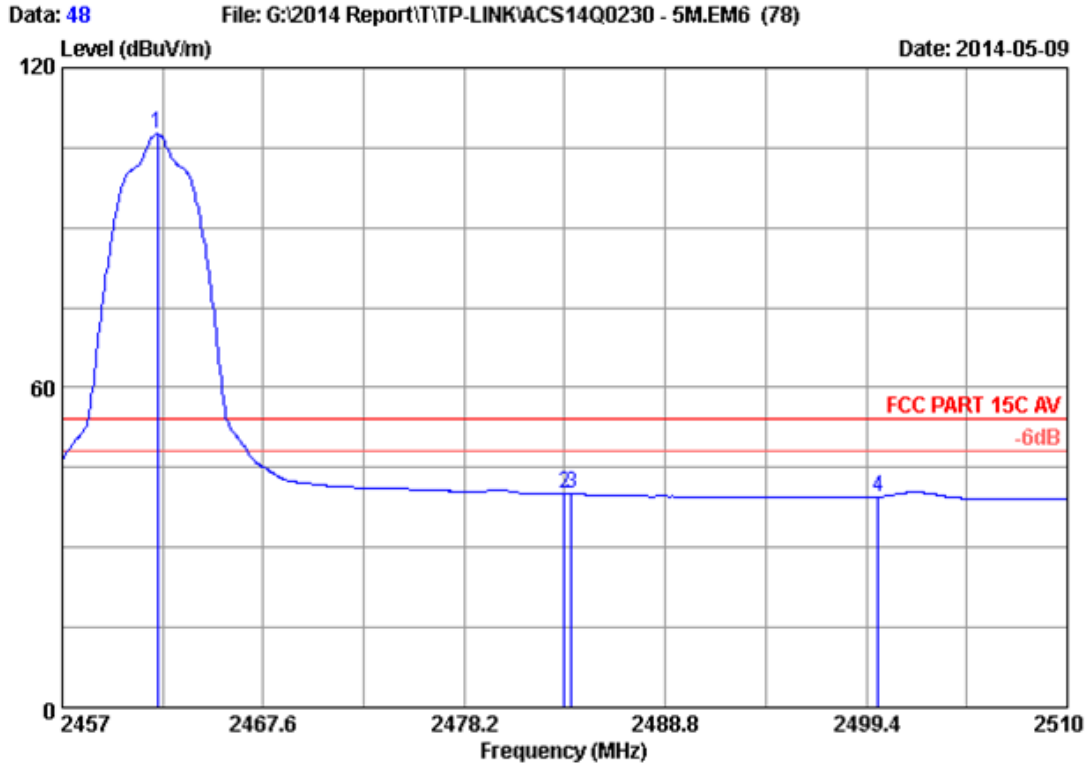
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 47  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2461.664	28.32	5.89	35.70	113.88	112.39	74.00	-38.39	Peak
2	2483.500	28.36	5.92	35.70	51.86	50.44	74.00	23.56	Peak
3	2493.835	28.39	5.93	35.70	53.49	52.11	74.00	21.89	Peak
4	2500.000	28.40	5.94	35.70	51.77	50.41	74.00	23.59	Peak

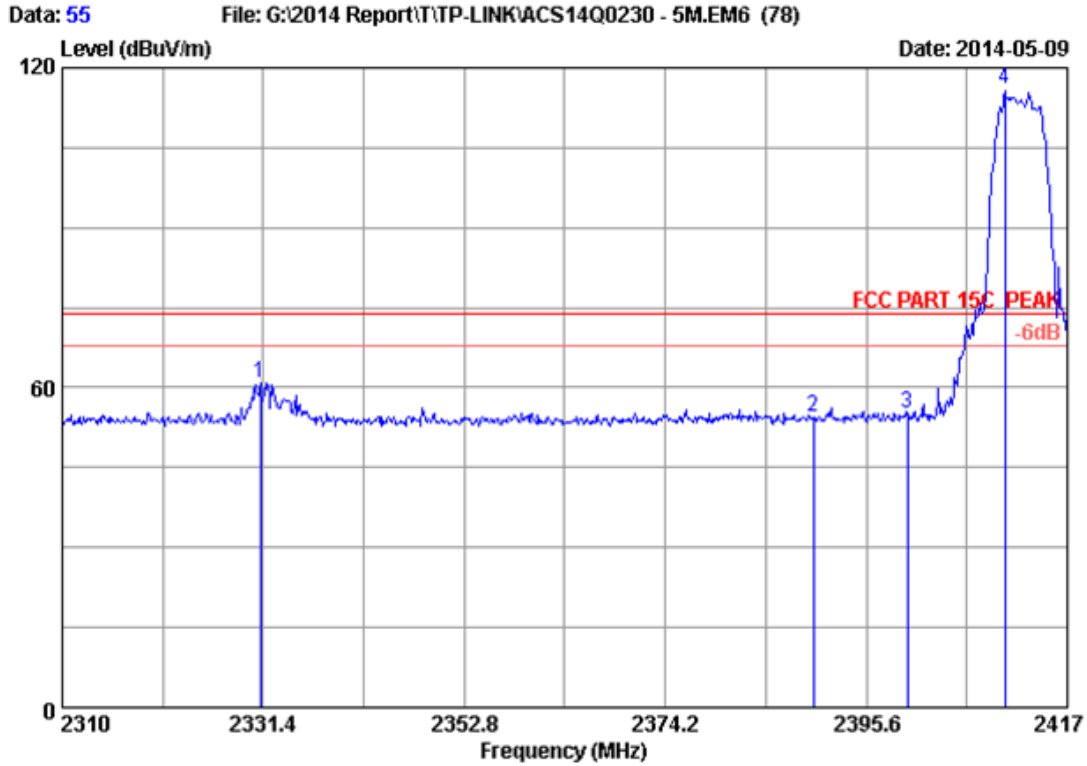
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



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 : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.035	28.32	5.89	35.70	109.08	107.59	54.00	-53.59	Average
2	2483.500	28.36	5.92	35.70	41.46	40.04	54.00	13.96	Average
3	2483.871	28.36	5.92	35.70	41.48	40.06	54.00	13.94	Average
4	2500.000	28.40	5.94	35.70	40.87	39.51	54.00	14.49	Average

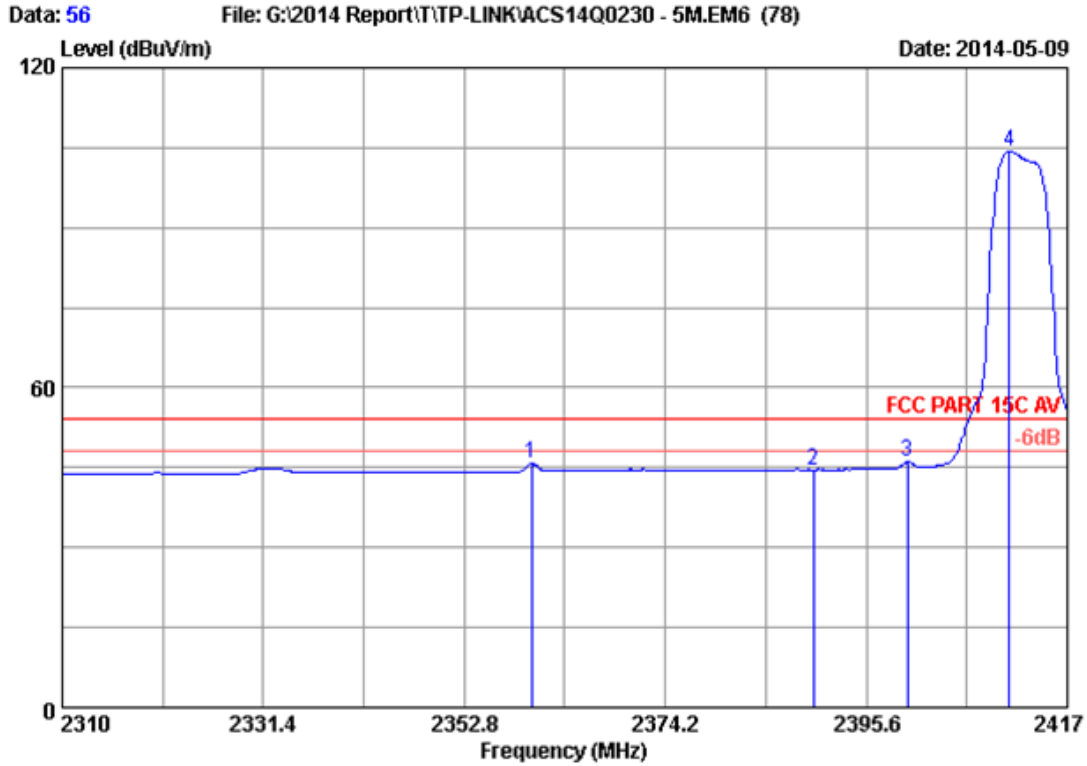
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 55  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2331.079	28.03	5.70	35.70	62.88	60.91	74.00	13.09	Peak
2	2390.000	28.16	5.78	35.70	56.11	54.35	74.00	19.65	Peak
3	2400.000	28.18	5.80	35.70	56.95	55.23	74.00	18.77	Peak
4	2410.366	28.20	5.81	35.70	117.63	115.94	74.00	-41.94	Peak

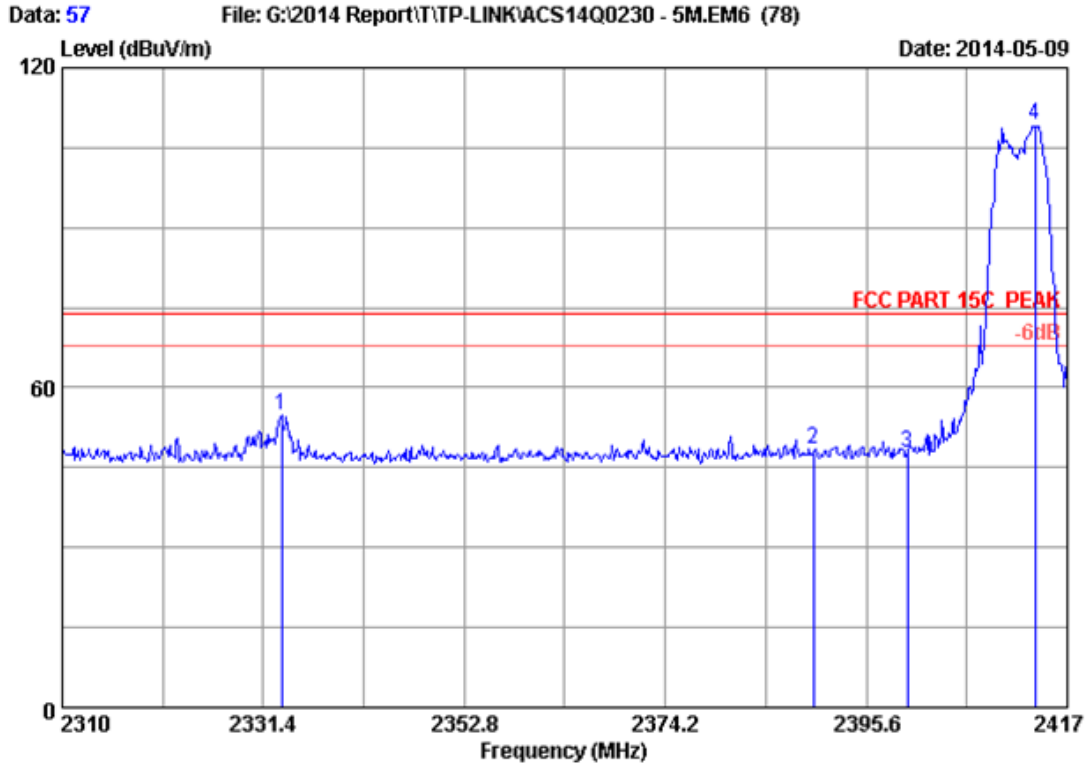
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 56  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2359.969	28.09	5.74	35.70	47.65	45.78	54.00	8.22	Average
2	2390.000	28.16	5.78	35.70	46.34	44.58	54.00	9.42	Average
3	2400.000	28.18	5.80	35.70	47.74	46.02	54.00	7.98	Average
4	2410.794	28.20	5.81	35.70	105.94	104.25	54.00	-50.25	Average

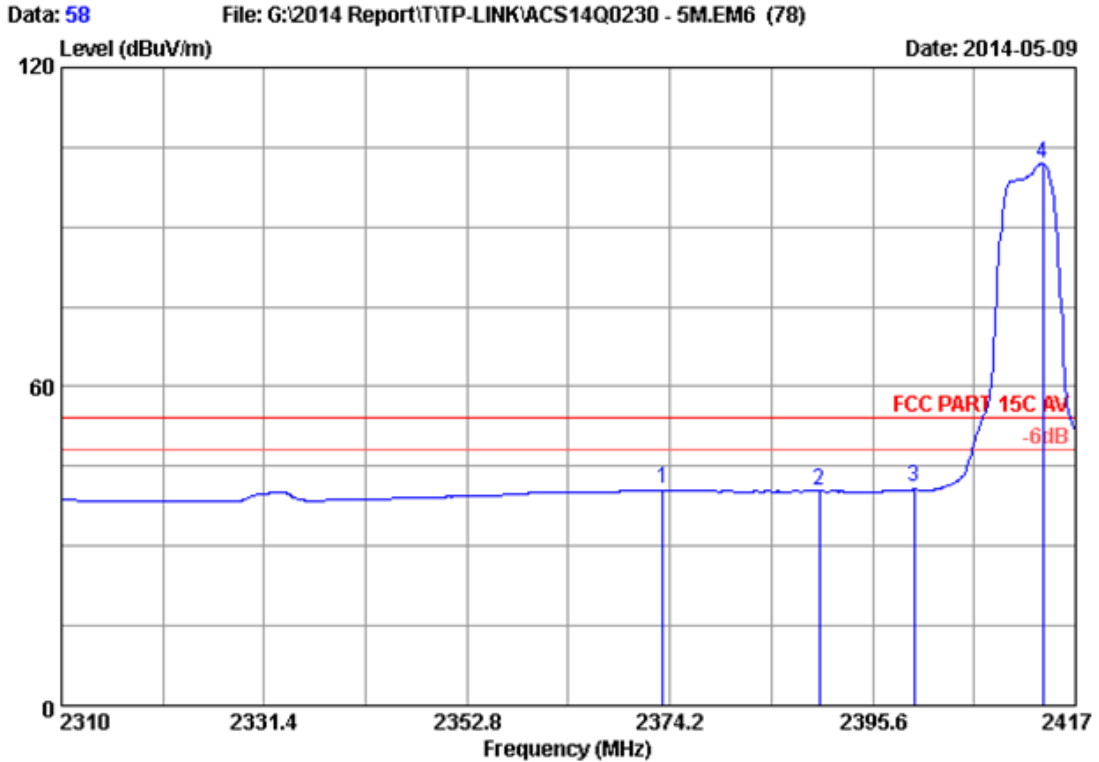
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 57  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2333.326	28.03	5.70	35.70	56.93	54.96	74.00	19.04	Peak
2	2390.000	28.16	5.78	35.70	50.13	48.37	74.00	25.63	Peak
3	2400.000	28.18	5.80	35.70	49.44	47.72	74.00	26.28	Peak
4	2413.576	28.21	5.82	35.70	110.83	109.16	74.00	-35.16	Peak

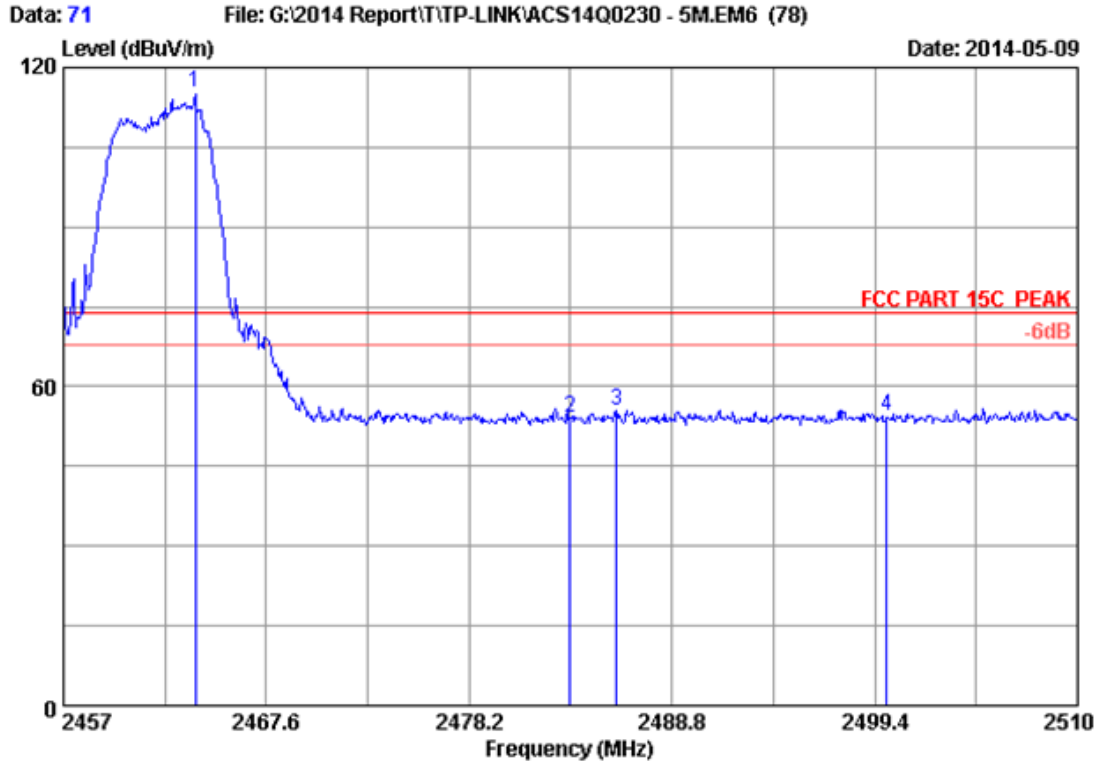
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 58  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2373.451	28.12	5.76	35.70	42.51	40.69	54.00	13.31	Average
2	2390.000	28.16	5.78	35.70	42.19	40.43	54.00	13.57	Average
3	2400.000	28.18	5.80	35.70	42.68	40.96	54.00	13.04	Average
4	2413.576	28.21	5.82	35.70	103.68	102.01	54.00	-48.01	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.

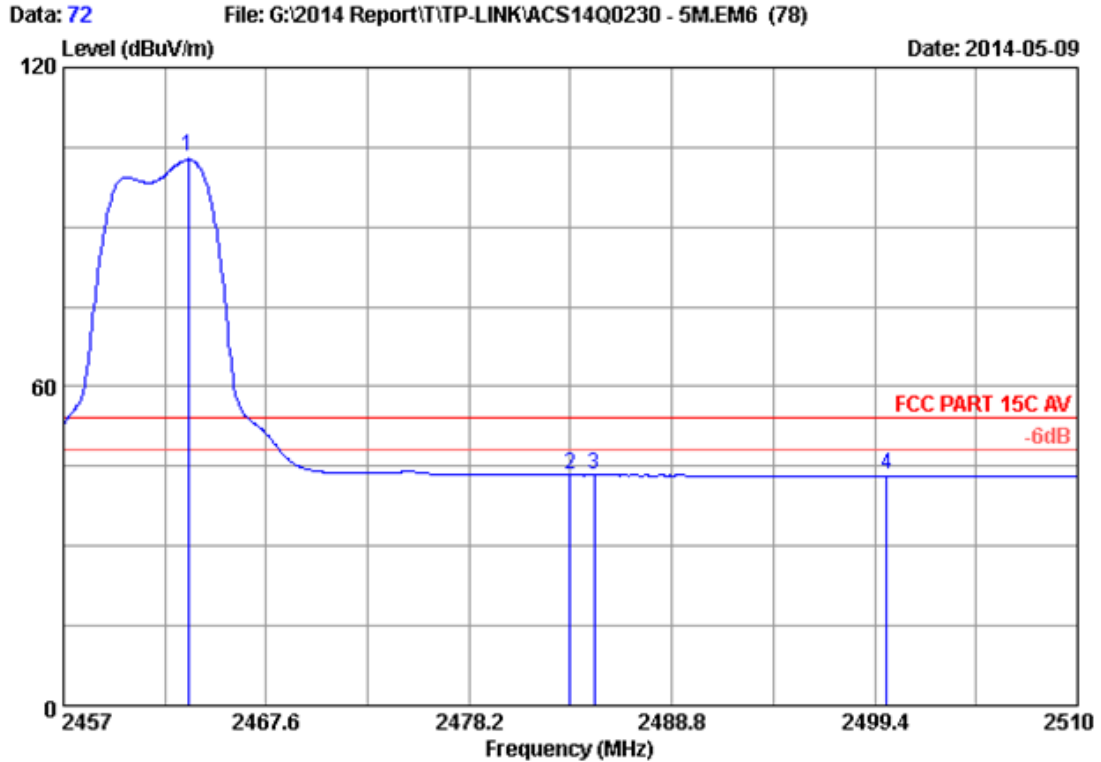


Site no. : 3m Chamber Data no. : 71  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.890	28.32	5.89	35.70	116.85	115.36	74.00	-41.36	Peak
2	2483.500	28.36	5.92	35.70	55.62	54.20	74.00	19.80	Peak
3	2485.885	28.37	5.92	35.70	57.01	55.60	74.00	18.40	Peak
4	2500.000	28.40	5.94	35.70	55.75	54.39	74.00	19.61	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.

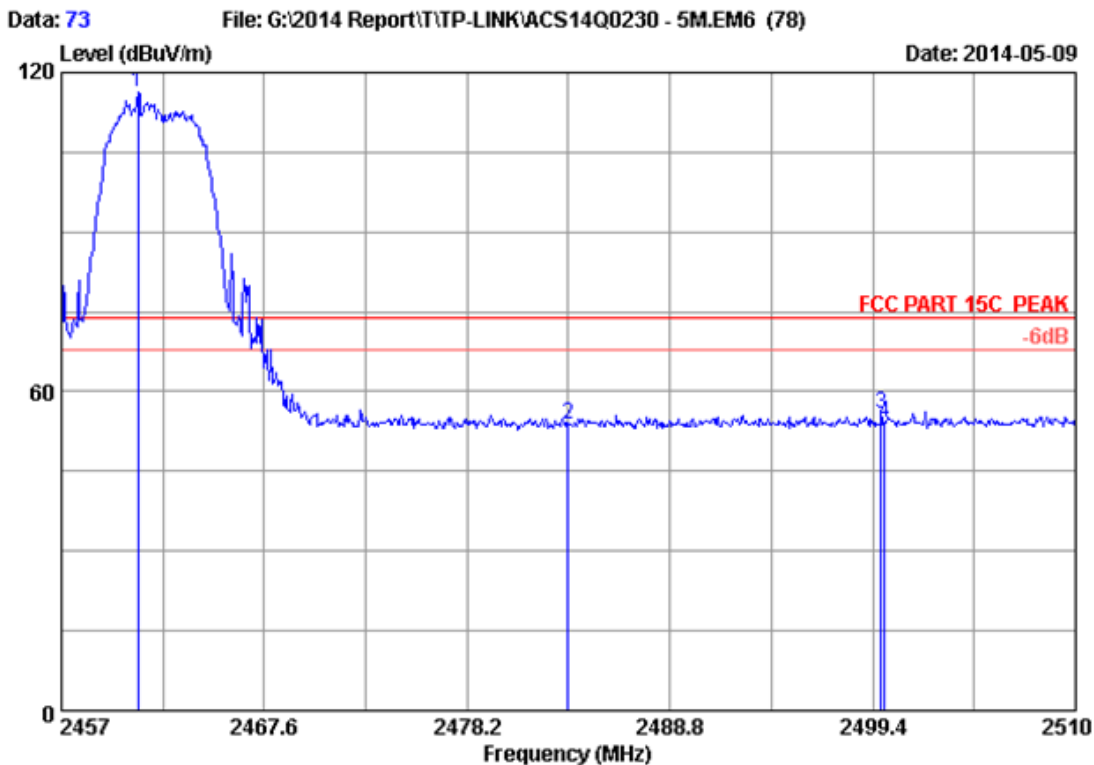




Site no. : 3m Chamber Data no. : 72  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.519	28.32	5.89	35.70	104.62	103.13	54.00	-49.13	Average
2	2483.500	28.36	5.92	35.70	44.72	43.30	54.00	10.70	Average
3	2484.719	28.37	5.92	35.70	44.78	43.37	54.00	10.63	Average
4	2500.000	28.40	5.94	35.70	44.83	43.47	54.00	10.53	Average

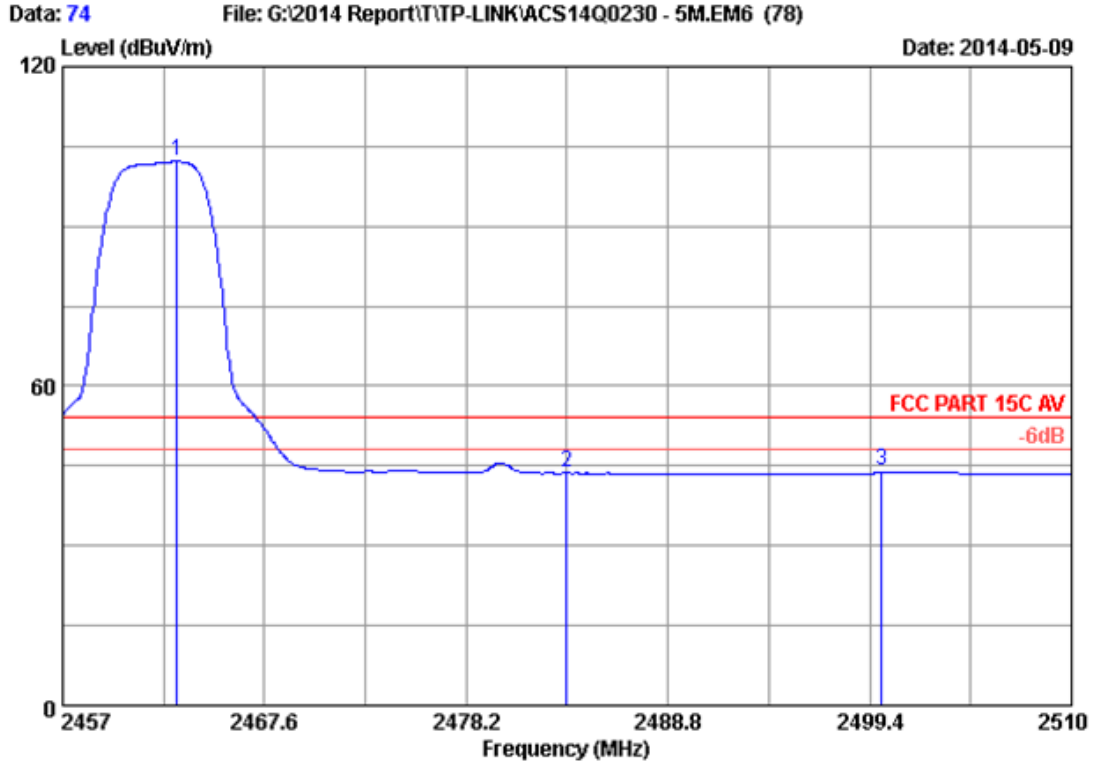
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 73  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2460.975	28.31	5.89	35.70	117.70	116.20	74.00	-42.20	Peak
2	2483.500	28.36	5.92	35.70	55.22	53.80	74.00	20.20	Peak
3	2499.824	28.40	5.94	35.70	57.02	55.66	74.00	18.34	Peak
4	2500.000	28.40	5.94	35.70	55.41	54.05	74.00	19.95	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.

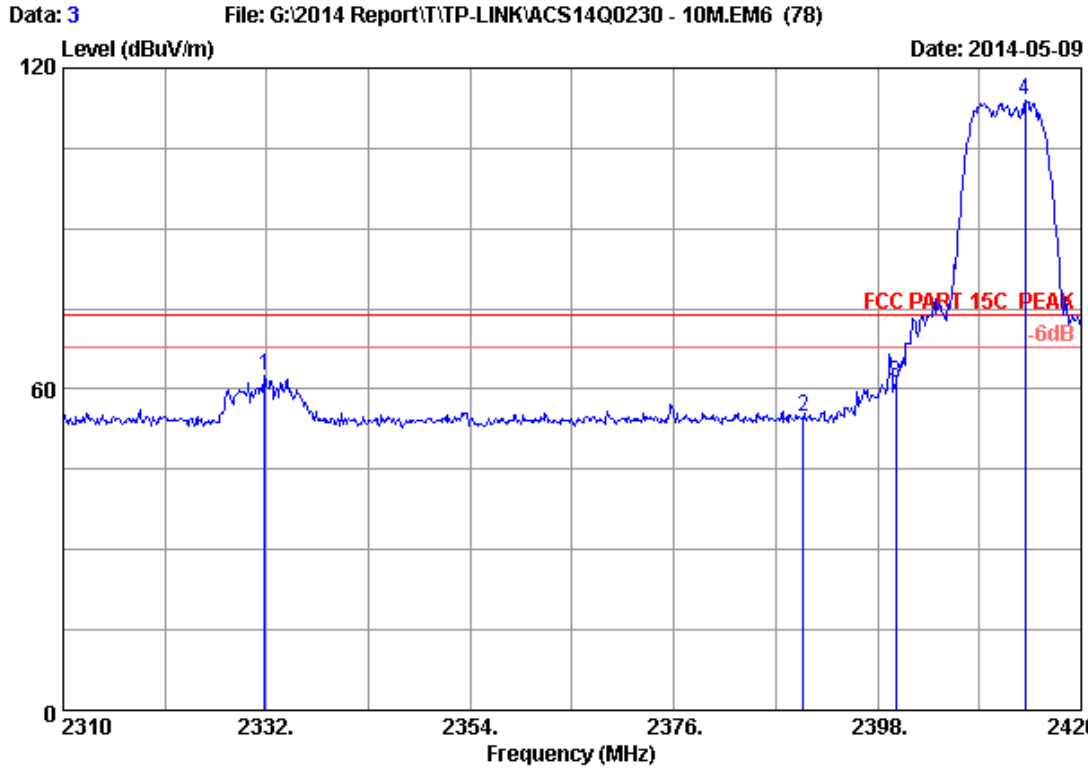


Site no. : 3m Chamber Data no. : 74  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.989	28.32	5.89	35.70	103.72	102.23	54.00	-48.23	Average
2	2483.500	28.36	5.92	35.70	45.29	43.87	54.00	10.13	Average
3	2500.000	28.40	5.94	35.70	45.35	43.99	54.00	10.01	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.

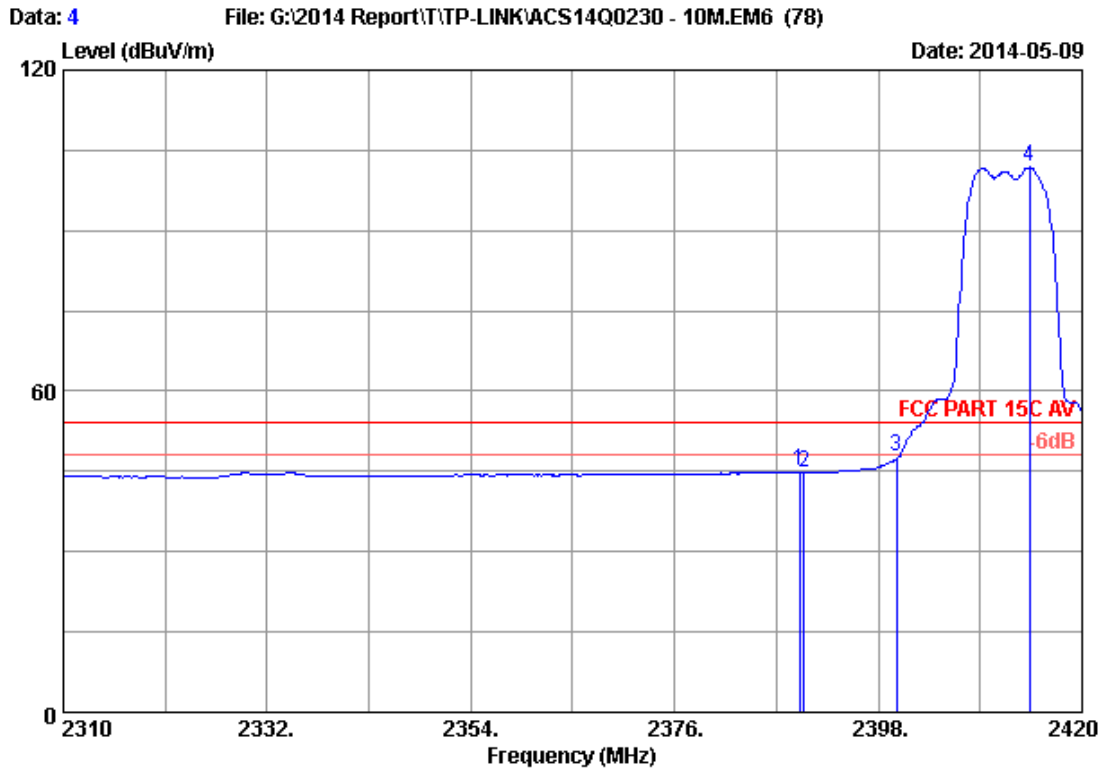
10MHz



Site no. : 3m Chamber Data no. : 3  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2331.780	28.03	5.70	35.70	64.47	62.50	74.00	11.50	Peak
2	2390.000	28.16	5.78	35.70	56.72	54.96	74.00	19.04	Peak
3	2400.000	28.18	5.80	35.70	62.97	61.25	74.00	12.75	Peak
4	2413.950	28.21	5.82	35.70	115.80	114.13	74.00	-40.13	Peak

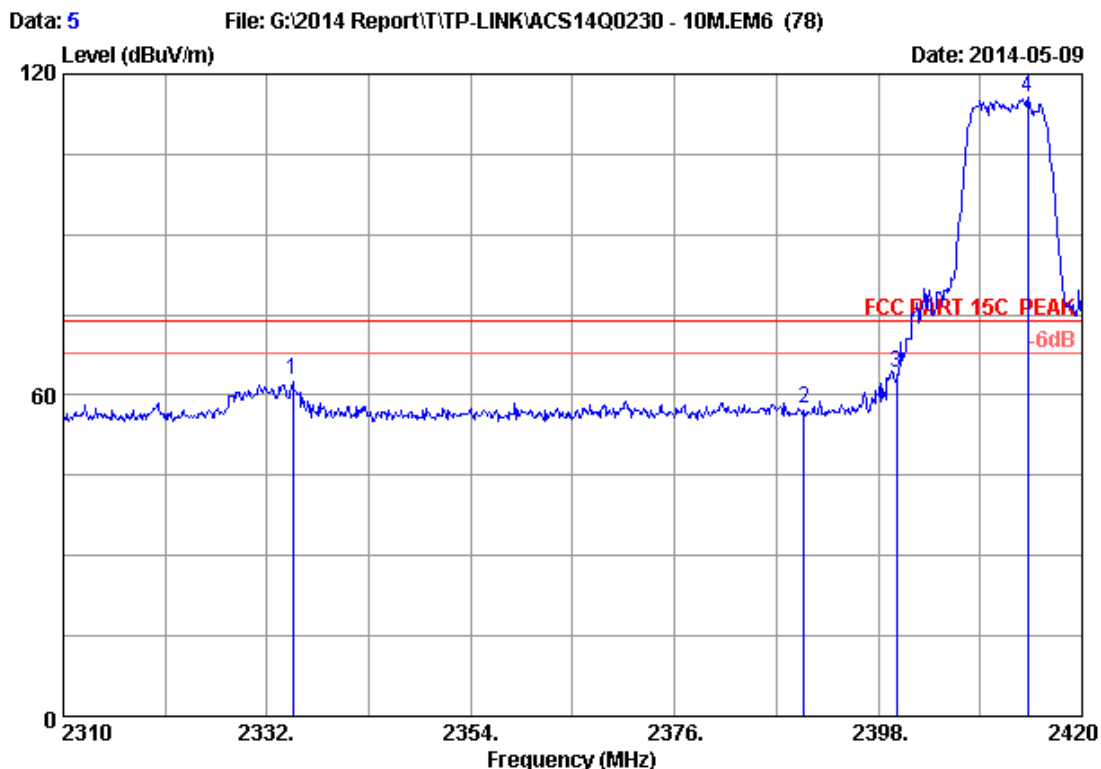
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 4  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2389.530	28.16	5.78	35.70	46.81	45.05	54.00	8.95	Average
2	2390.000	28.16	5.78	35.70	46.70	44.94	54.00	9.06	Average
3	2400.000	28.18	5.80	35.70	49.51	47.79	54.00	6.21	Average
4	2414.280	28.21	5.82	35.70	103.73	102.06	54.00	-48.06	Average

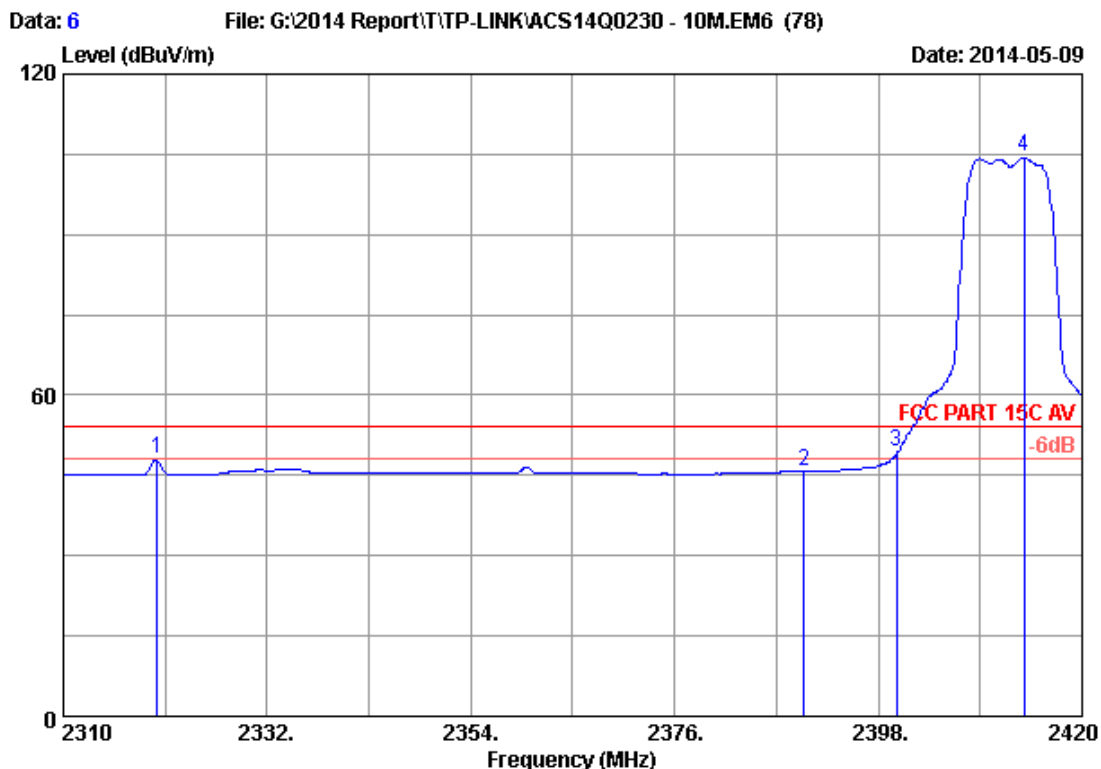
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 5  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2334.750	28.04	5.70	35.70	64.69	62.73	74.00	11.27	Peak
2	2390.000	28.16	5.78	35.70	59.13	57.37	74.00	16.63	Peak
3	2400.000	28.18	5.80	35.70	65.80	64.08	74.00	9.92	Peak
4	2414.170	28.21	5.82	35.70	117.38	115.71	74.00	-41.71	Peak

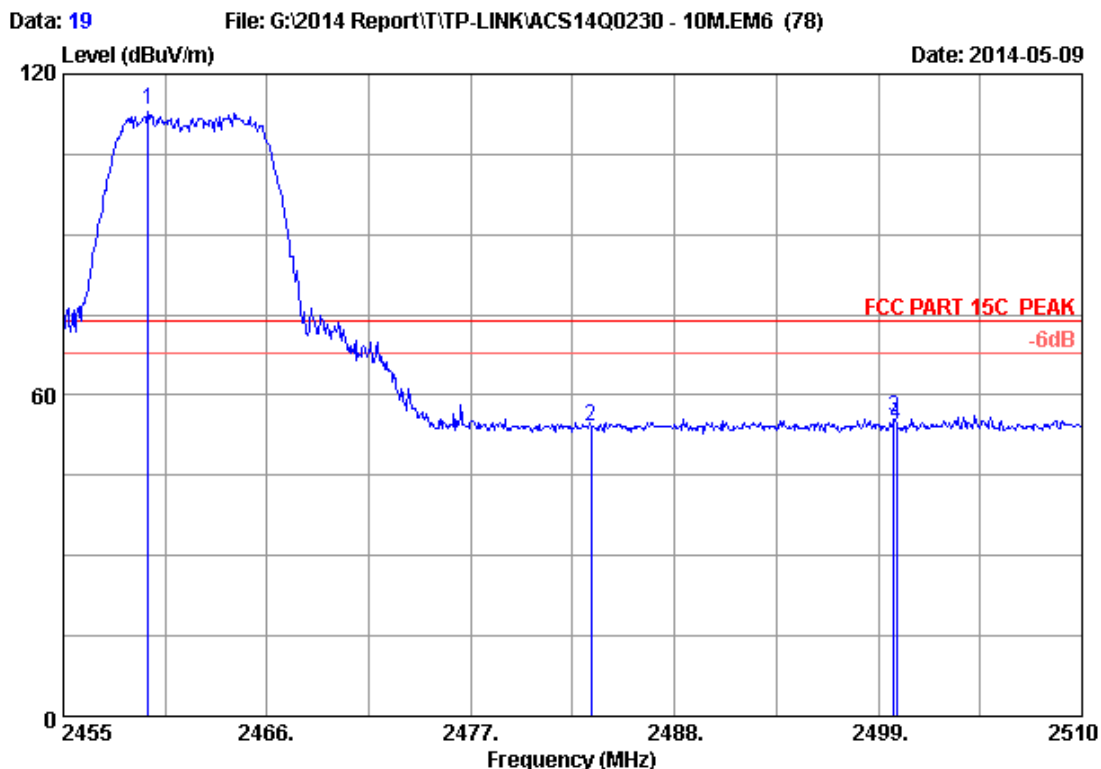
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 6  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2320.120	28.00	5.68	35.70	50.09	48.07	54.00	5.93	Average
2	2390.000	28.16	5.78	35.70	47.68	45.92	54.00	8.08	Average
3	2400.000	28.18	5.80	35.70	51.04	49.32	54.00	4.68	Average
4	2413.730	28.21	5.82	35.70	106.18	104.51	54.00	-50.51	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.

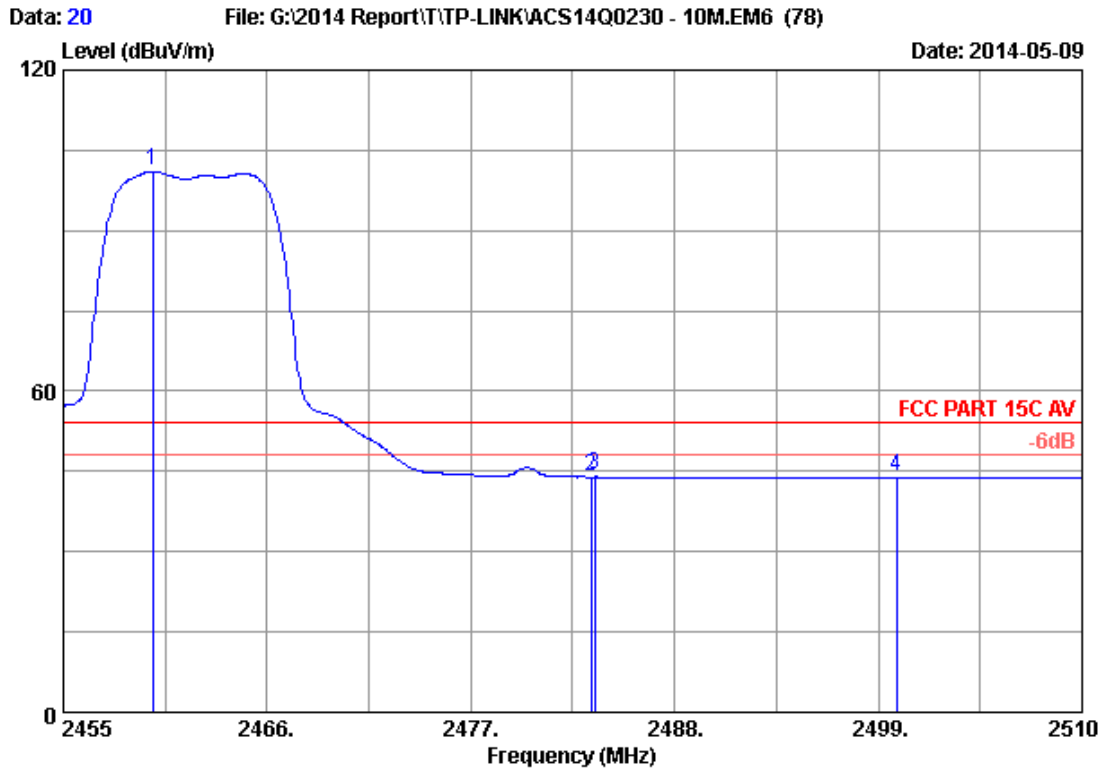


Site no. : 3m Chamber Data no. : 19  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2459.565	28.31	5.88	35.70	114.70	113.19	74.00	-39.19	Peak
2	2483.500	28.36	5.92	35.70	55.43	54.01	74.00	19.99	Peak
3	2499.825	28.40	5.94	35.70	57.07	55.71	74.00	18.29	Peak
4	2500.000	28.40	5.94	35.70	55.92	54.56	74.00	19.44	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.

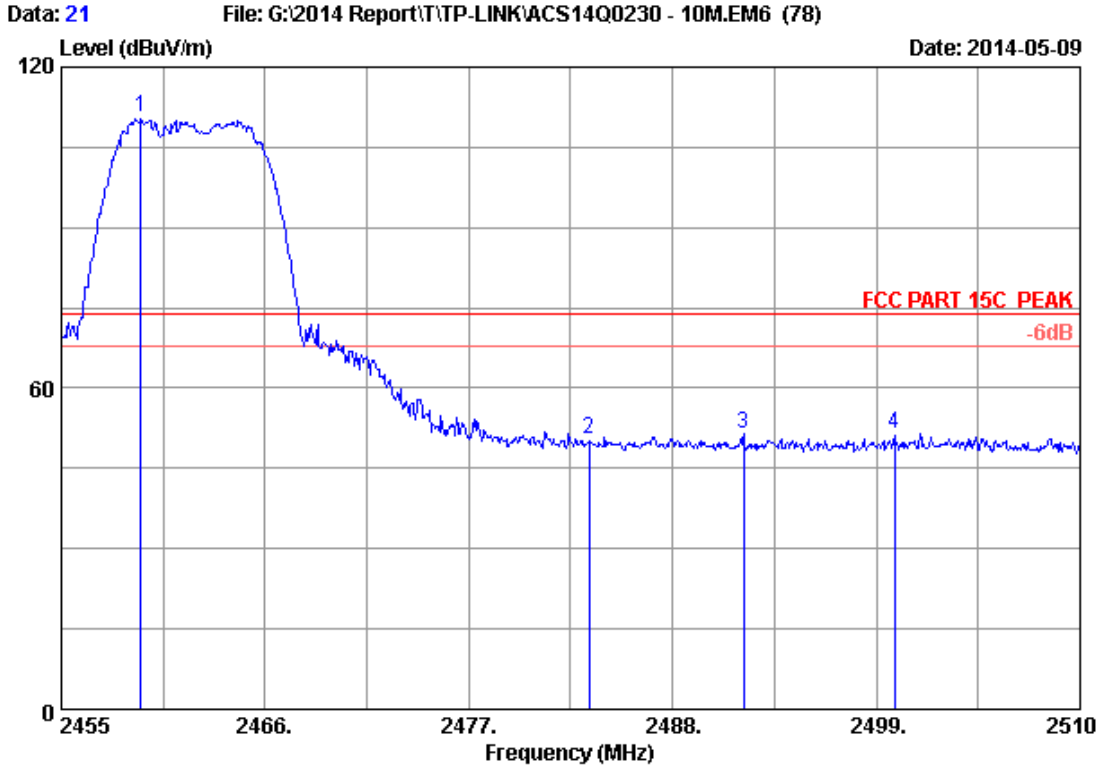




Site no. : 3m Chamber Data no. : 20  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2459.840	28.31	5.88	35.70	102.68	101.17	54.00	-47.17	Average
2	2483.500	28.36	5.92	35.70	45.70	44.28	54.00	9.72	Average
3	2483.710	28.36	5.92	35.70	45.87	44.45	54.00	9.55	Average
4	2500.000	28.40	5.94	35.70	45.39	44.03	54.00	9.97	Average

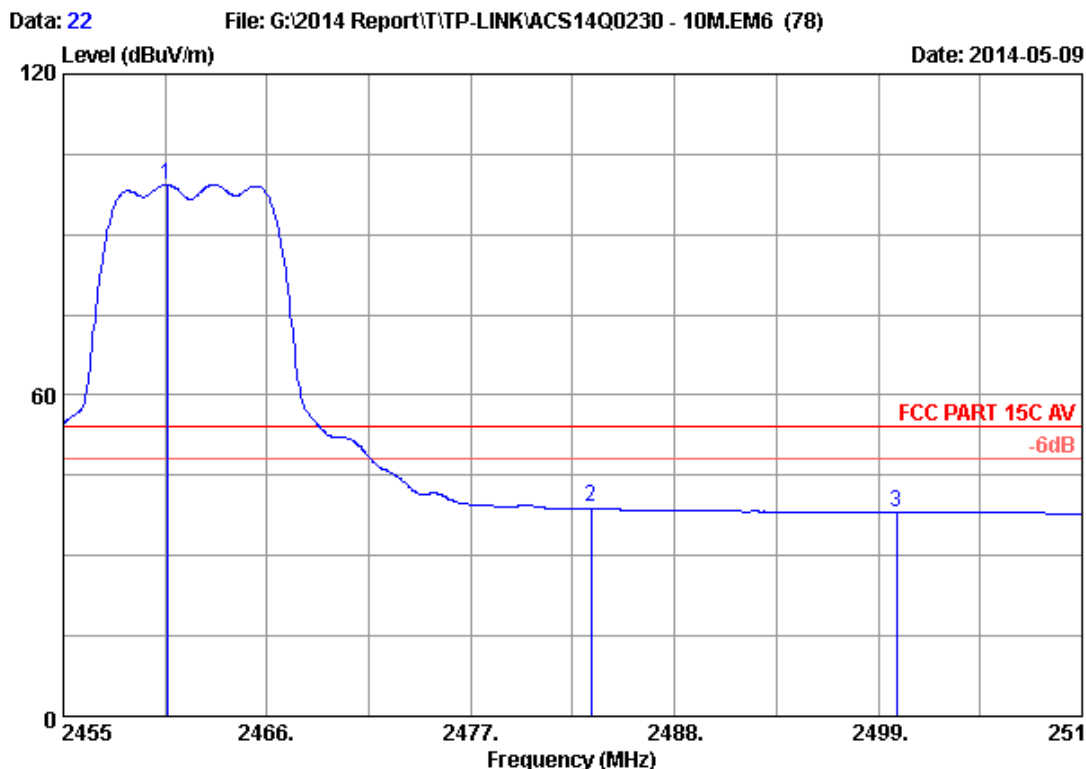
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 21  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2459.290	28.31	5.88	35.70	112.07	110.56	74.00	-36.56	Peak
2	2483.500	28.36	5.92	35.70	51.87	50.45	74.00	23.55	Peak
3	2491.850	28.38	5.93	35.70	52.87	51.48	74.00	22.52	Peak
4	2500.000	28.40	5.94	35.70	52.69	51.33	74.00	22.67	Peak

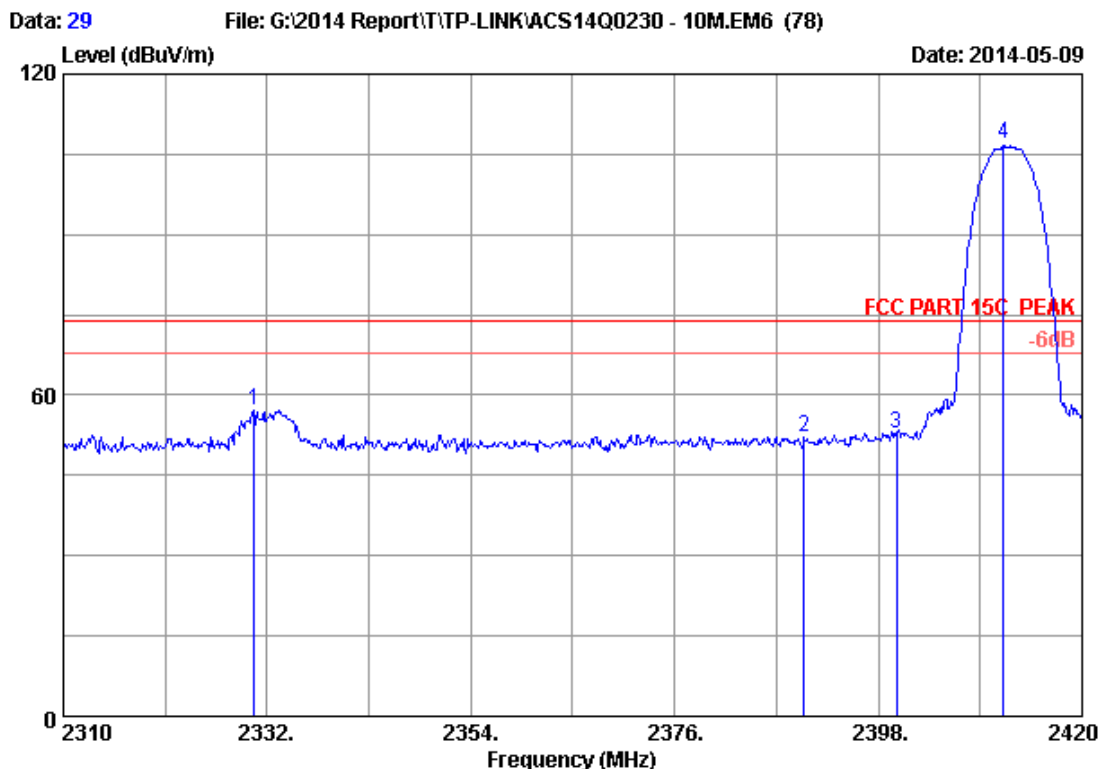
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 22  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2460.610	28.31	5.89	35.70	100.91	99.41	54.00	-45.41	Average
2	2483.500	28.36	5.92	35.70	40.53	39.11	54.00	14.89	Average
3	2500.000	28.40	5.94	35.70	39.62	38.26	54.00	15.74	Average

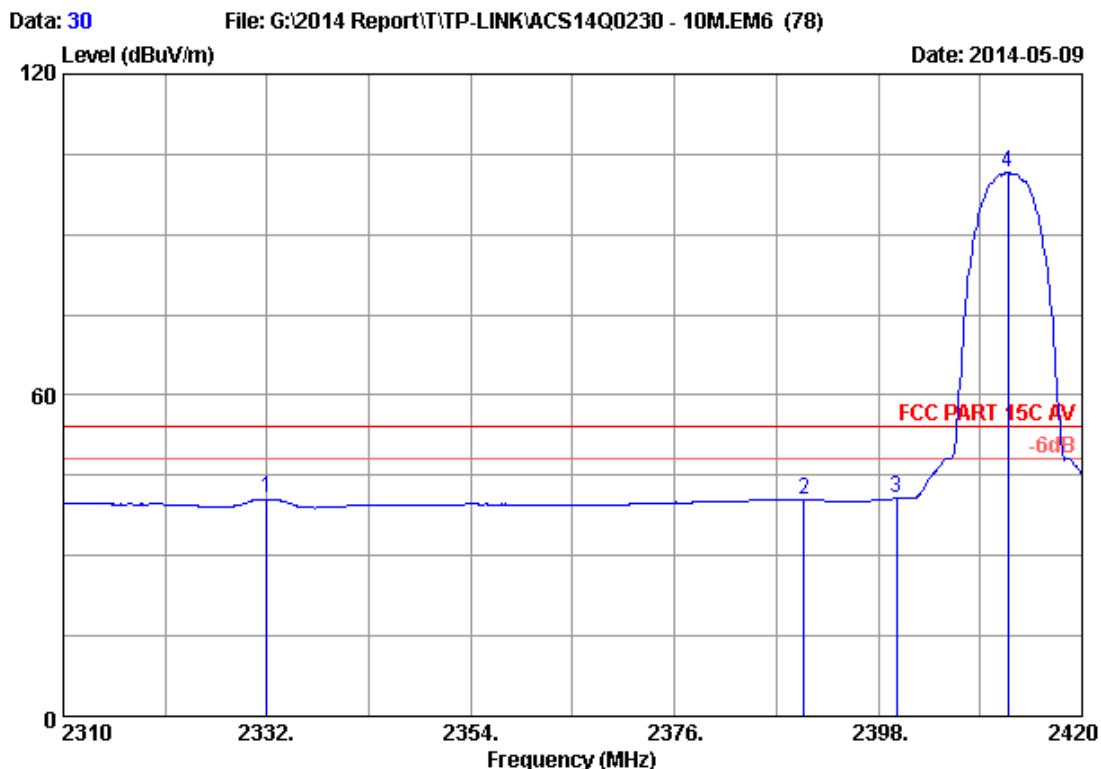
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 29  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2330.570	28.03	5.70	35.70	59.26	57.29	74.00	16.71	Peak
2	2390.000	28.16	5.78	35.70	54.06	52.30	74.00	21.70	Peak
3	2400.000	28.18	5.80	35.70	54.62	52.90	74.00	21.10	Peak
4	2411.530	28.21	5.81	35.70	108.68	107.00	74.00	-33.00	Peak

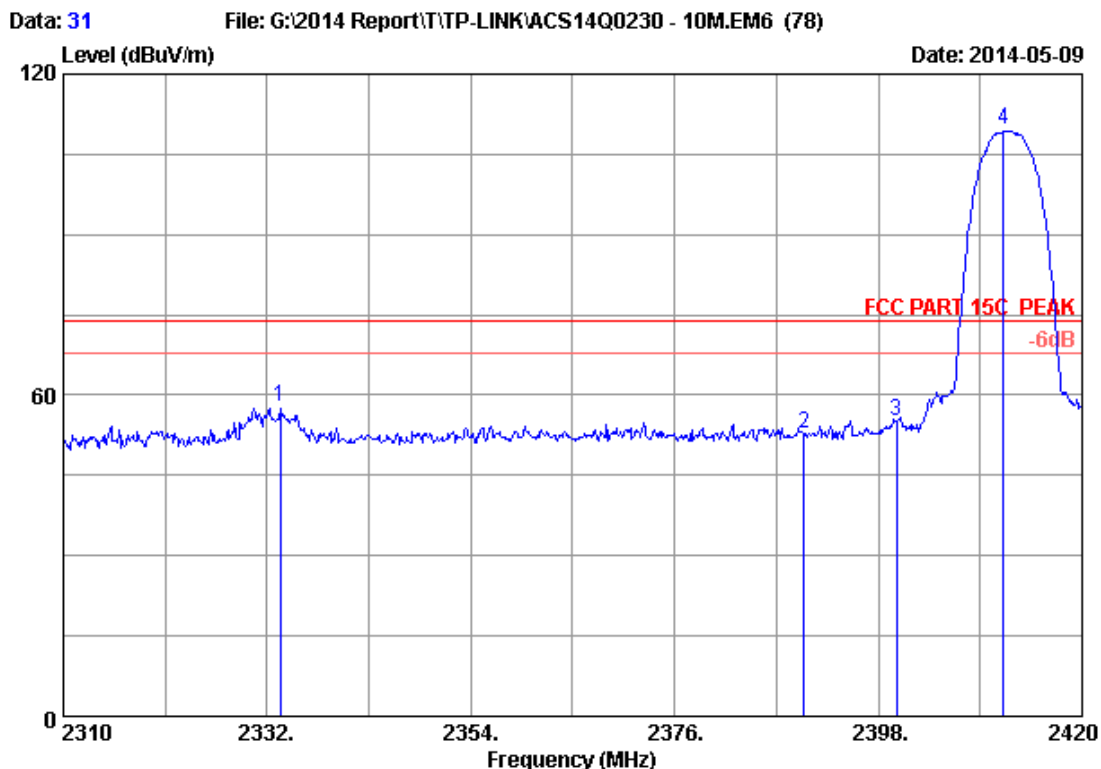
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



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 : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2332.000	28.03	5.70	35.70	42.66	40.69	54.00	13.31	Average
2	2390.000	28.16	5.78	35.70	42.37	40.61	54.00	13.39	Average
3	2400.000	28.18	5.80	35.70	42.56	40.84	54.00	13.16	Average
4	2411.970	28.21	5.81	35.70	103.27	101.59	54.00	-47.59	Average

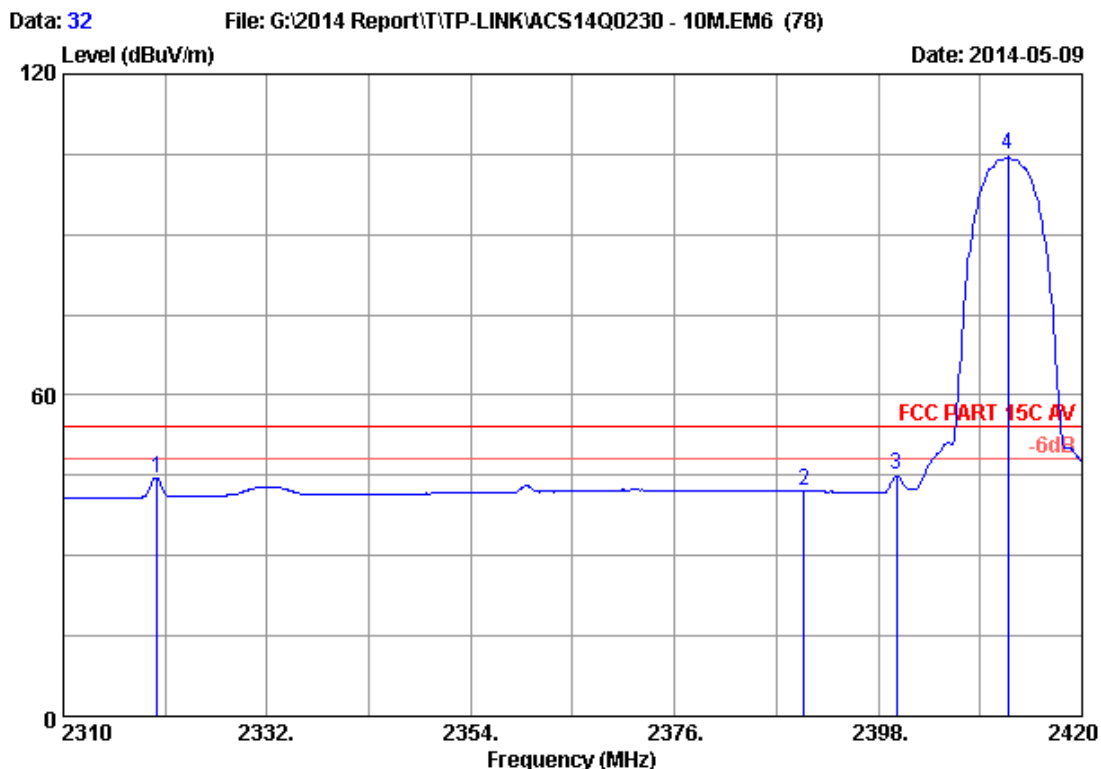
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 31  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2333.430	28.03	5.70	35.70	59.87	57.90	74.00	16.10	Peak
2	2390.000	28.16	5.78	35.70	54.68	52.92	74.00	21.08	Peak
3	2400.000	28.18	5.80	35.70	56.86	55.14	74.00	18.86	Peak
4	2411.530	28.21	5.81	35.70	111.24	109.56	74.00	-35.56	Peak

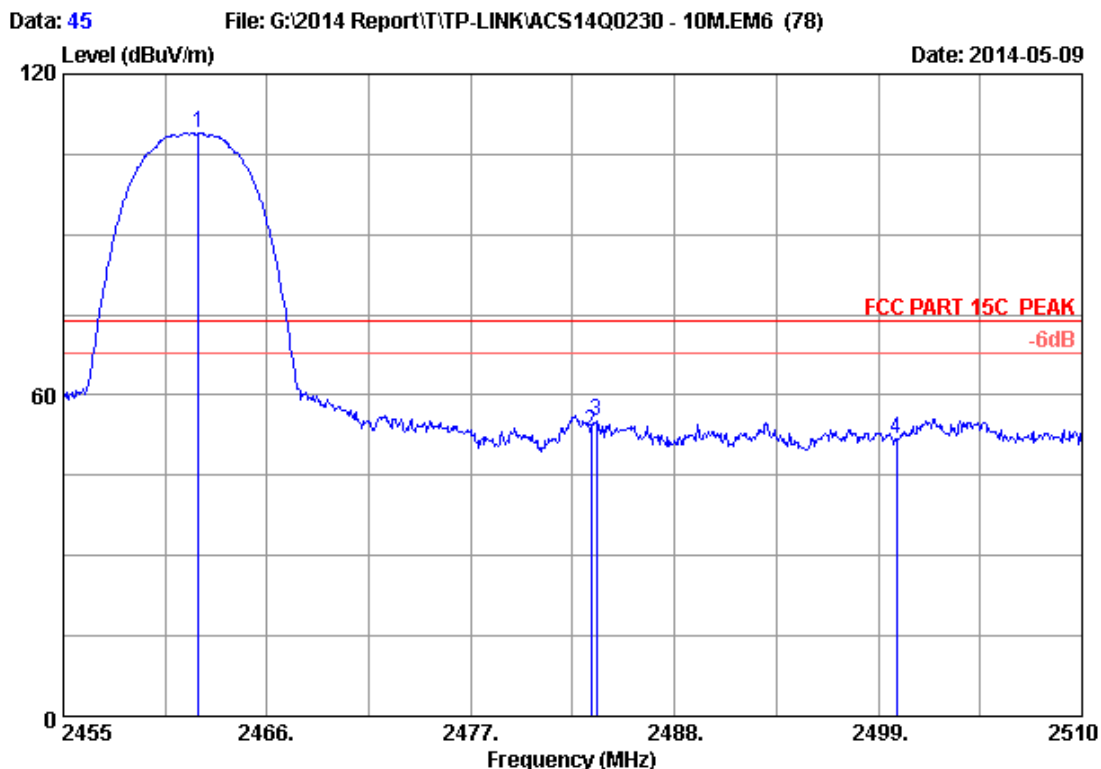
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 32  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2320.120	28.00	5.68	35.70	46.61	44.59	54.00	9.41	Average
2	2390.000	28.16	5.78	35.70	43.91	42.15	54.00	11.85	Average
3	2400.000	28.18	5.80	35.70	46.81	45.09	54.00	8.91	Average
4	2411.970	28.21	5.81	35.70	106.51	104.83	54.00	-50.83	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.

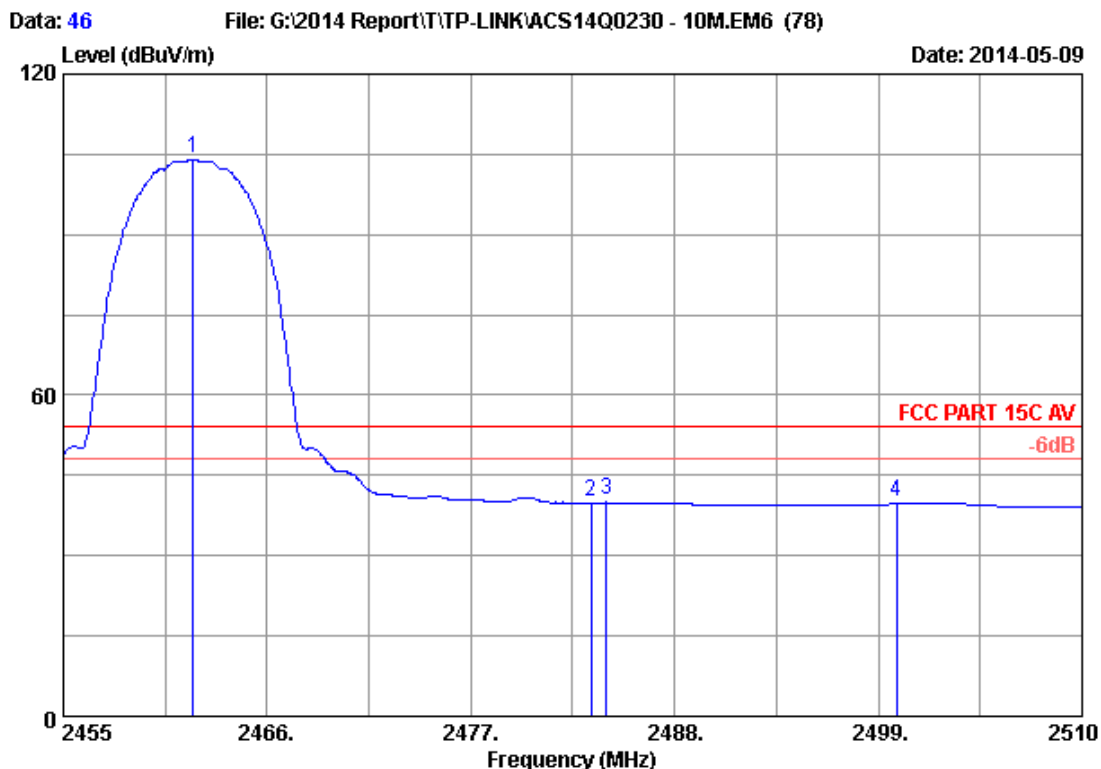


Site no. : 3m Chamber Data no. : 45  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2462.315	28.32	5.89	35.70	110.48	108.99	74.00	-34.99	Peak
2	2483.500	28.36	5.92	35.70	54.57	53.15	74.00	20.85	Peak
3	2483.765	28.36	5.92	35.70	56.52	55.10	74.00	18.90	Peak
4	2500.000	28.40	5.94	35.70	53.28	51.92	74.00	22.08	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.

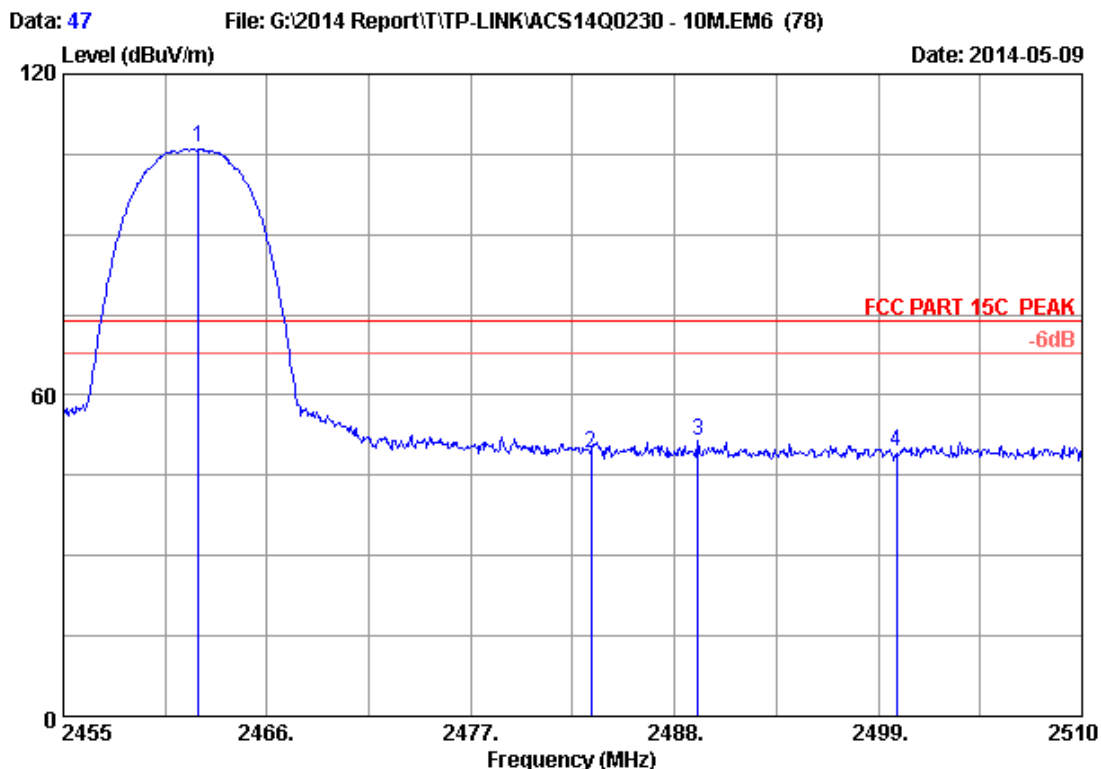




Site no. : 3m Chamber Data no. : 46  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2461.985	28.32	5.89	35.70	105.68	104.19	54.00	-50.19	Average
2	2483.500	28.36	5.92	35.70	41.60	40.18	54.00	13.82	Average
3	2484.315	28.37	5.92	35.70	41.86	40.45	54.00	13.55	Average
4	2500.000	28.40	5.94	35.70	41.60	40.24	54.00	13.76	Average

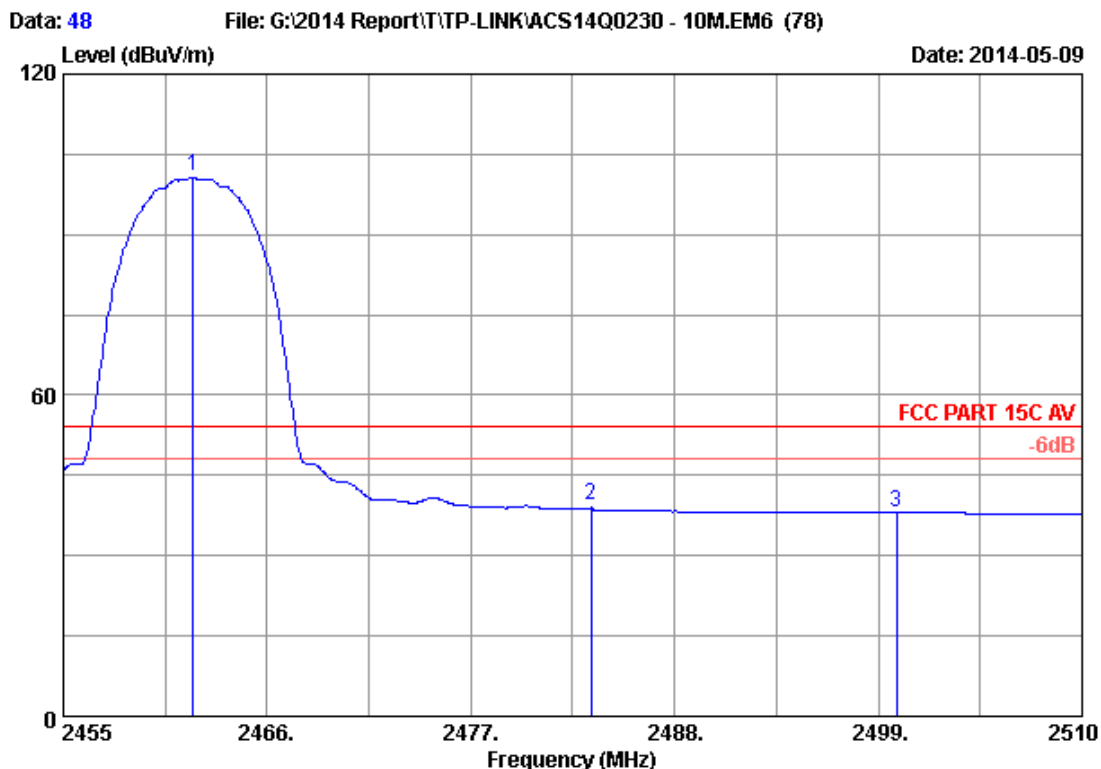
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 47  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2462.315	28.32	5.89	35.70	107.86	106.37	74.00	-32.37	Peak
2	2483.500	28.36	5.92	35.70	50.70	49.28	74.00	24.72	Peak
3	2489.265	28.38	5.93	35.70	52.91	51.52	74.00	22.48	Peak
4	2500.000	28.40	5.94	35.70	50.68	49.32	74.00	24.68	Peak

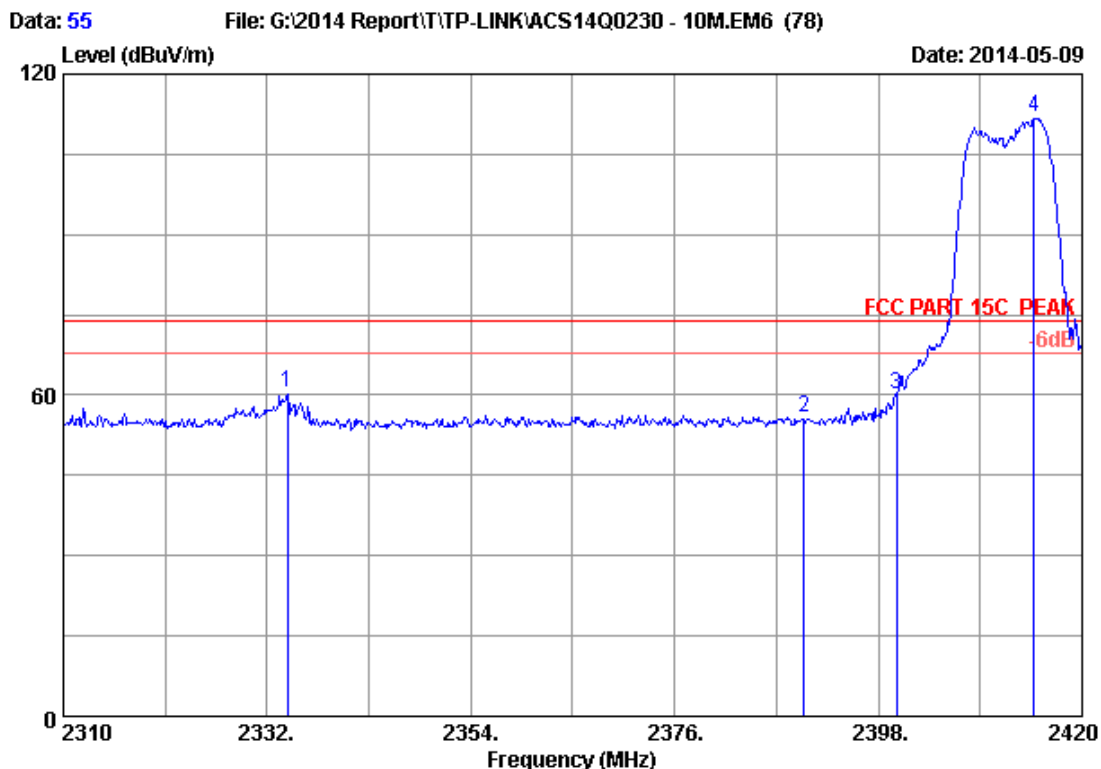
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 48  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2461.985	28.32	5.89	35.70	102.36	100.87	54.00	-46.87	Average
2	2483.500	28.36	5.92	35.70	40.87	39.45	54.00	14.55	Average
3	2500.000	28.40	5.94	35.70	39.48	38.12	54.00	15.88	Average

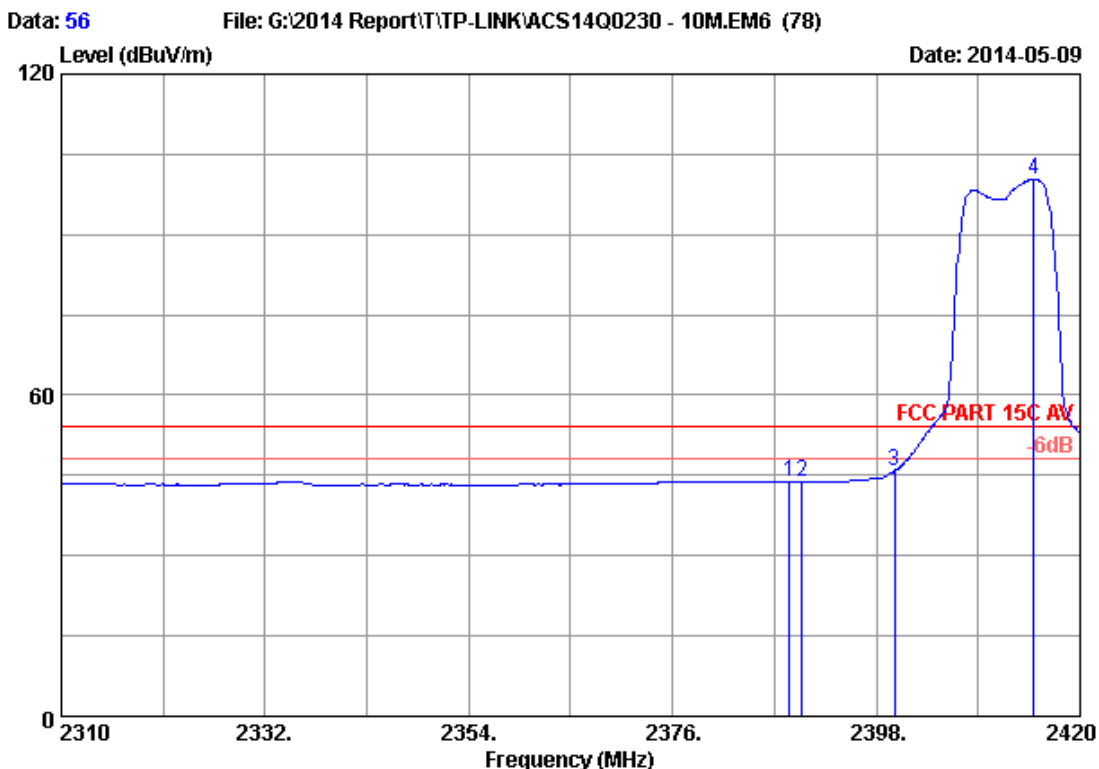
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 55  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2334.200	28.04	5.70	35.70	62.48	60.52	74.00	13.48	Peak
2	2390.000	28.16	5.78	35.70	57.63	55.87	74.00	18.13	Peak
3	2400.000	28.18	5.80	35.70	61.92	60.20	74.00	13.80	Peak
4	2414.830	28.21	5.82	35.70	113.55	111.88	74.00	-37.88	Peak

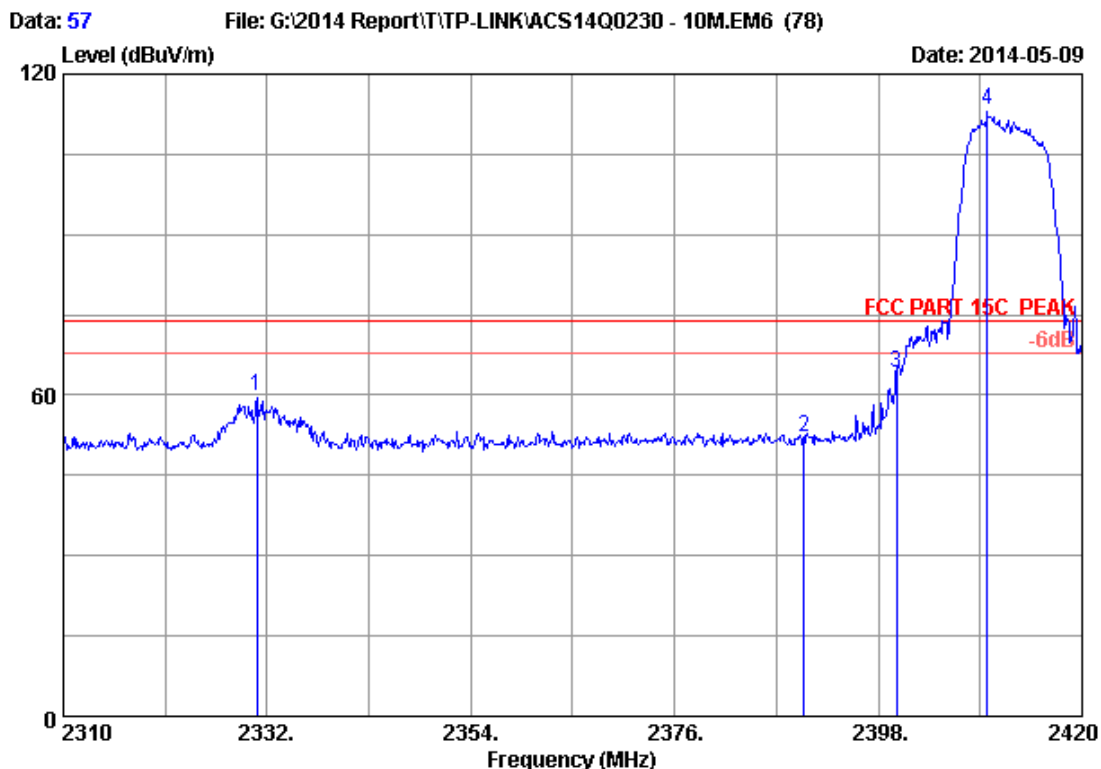
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 56  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2388.650	28.16	5.78	35.70	45.69	43.93	54.00	10.07	Average
2	2390.000	28.16	5.78	35.70	45.58	43.82	54.00	10.18	Average
3	2400.000	28.18	5.80	35.70	47.61	45.89	54.00	8.11	Average
4	2415.050	28.21	5.82	35.70	102.07	100.40	54.00	-46.40	Average

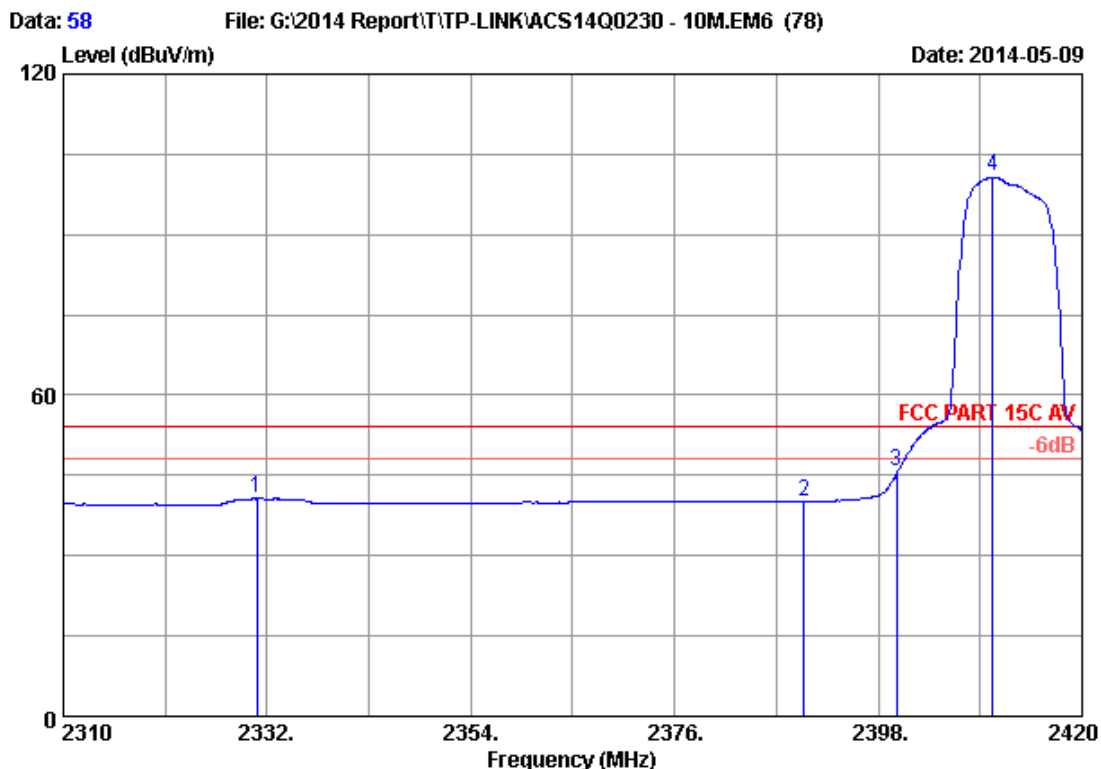
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 57  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2330.900	28.03	5.70	35.70	61.86	59.89	74.00	14.11	Peak
2	2390.000	28.16	5.78	35.70	53.98	52.22	74.00	21.78	Peak
3	2400.000	28.18	5.80	35.70	65.81	64.09	74.00	9.91	Peak
4	2409.770	28.20	5.81	35.70	114.85	113.16	74.00	-39.16	Peak

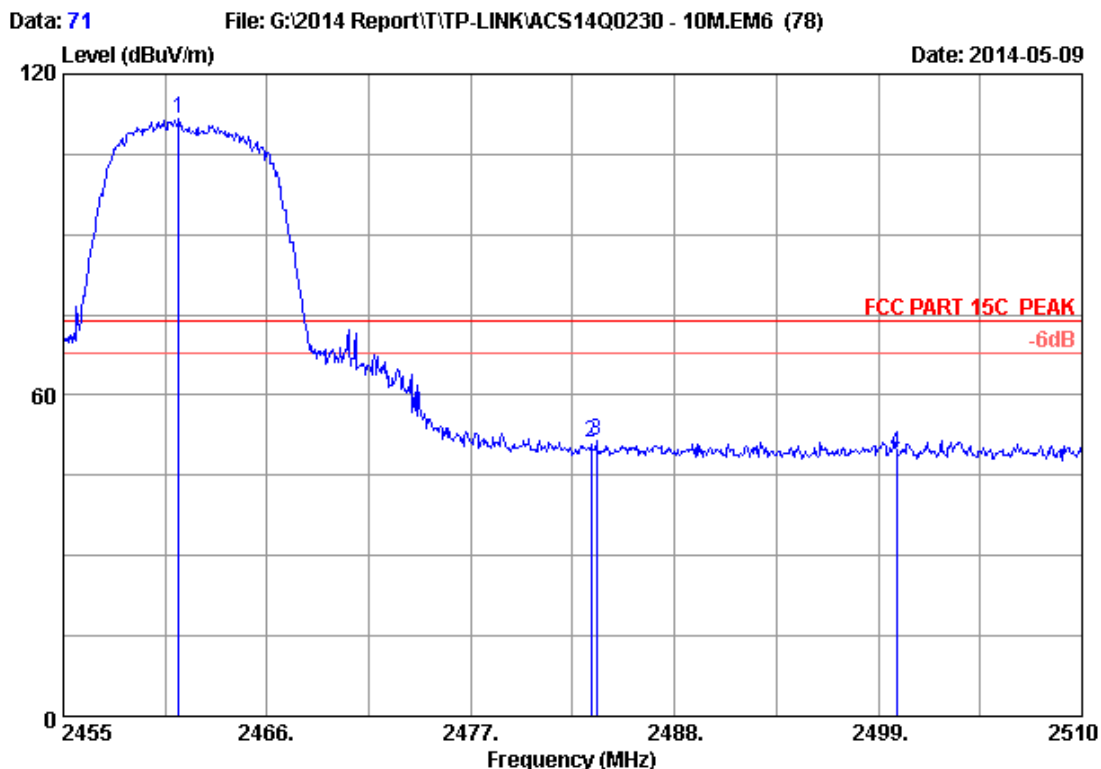
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 58  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2330.900	28.03	5.70	35.70	42.64	40.67	54.00	13.33	Average
2	2390.000	28.16	5.78	35.70	41.89	40.13	54.00	13.87	Average
3	2400.000	28.18	5.80	35.70	47.51	45.79	54.00	8.21	Average
4	2410.320	28.20	5.81	35.70	102.69	101.00	54.00	-47.00	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.

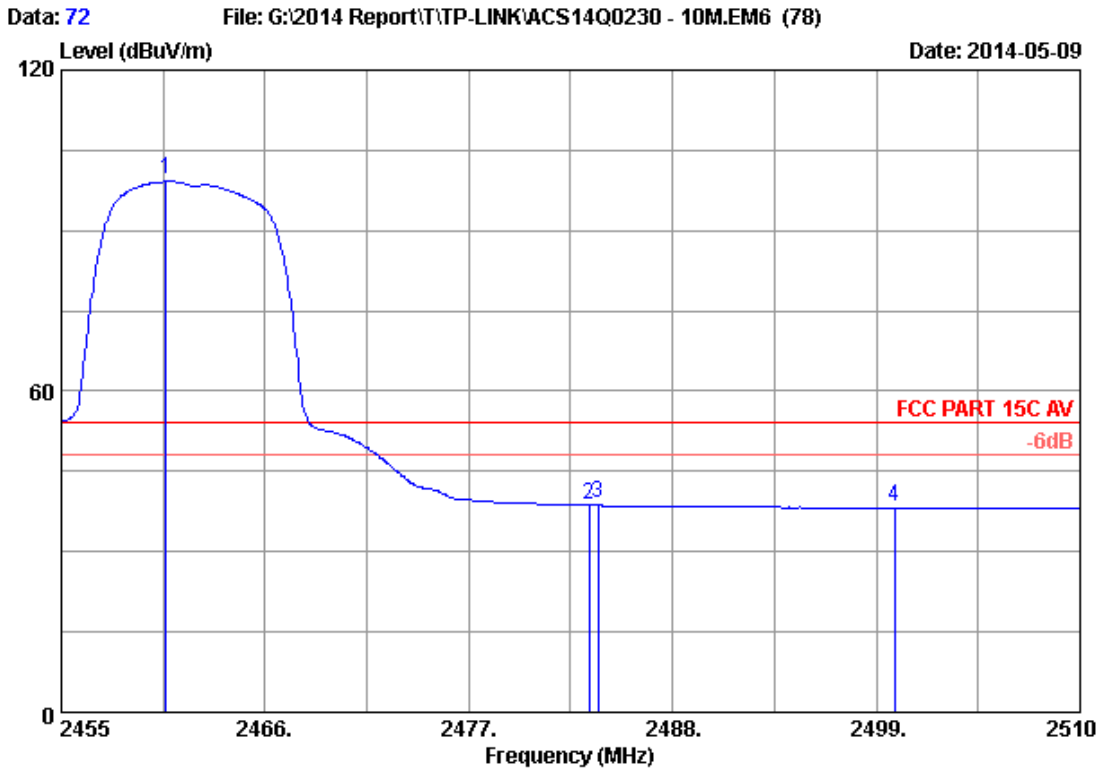


Site no. : 3m Chamber Data no. : 71  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2461.215	28.31	5.89	35.70	113.10	111.60	74.00	-37.60	Peak
2	2483.500	28.36	5.92	35.70	52.43	51.01	74.00	22.99	Peak
3	2483.765	28.36	5.92	35.70	52.95	51.53	74.00	22.47	Peak
4	2500.000	28.40	5.94	35.70	50.56	49.20	74.00	24.80	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.

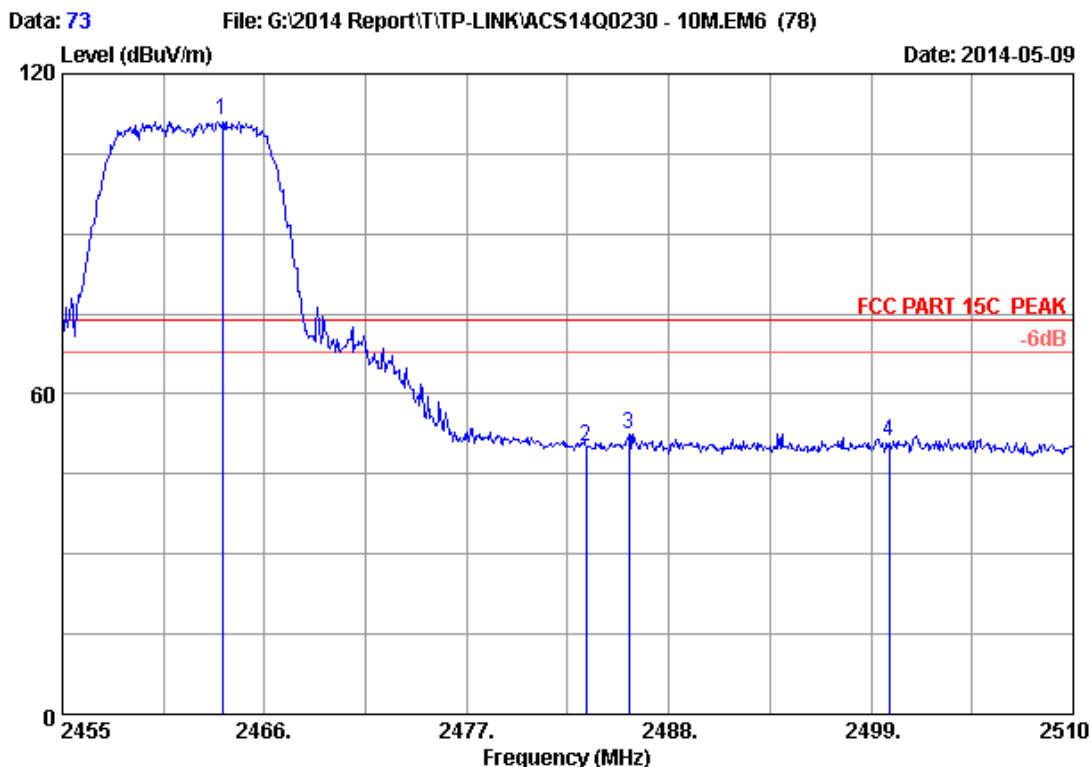




Site no. : 3m Chamber Data no. : 72  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2460.665	28.31	5.89	35.70	100.94	99.44	54.00	-45.44	Average
2	2483.500	28.36	5.92	35.70	40.29	38.87	54.00	15.13	Average
3	2483.985	28.36	5.92	35.70	40.39	38.97	54.00	15.03	Average
4	2500.000	28.40	5.94	35.70	39.68	38.32	54.00	15.68	Average

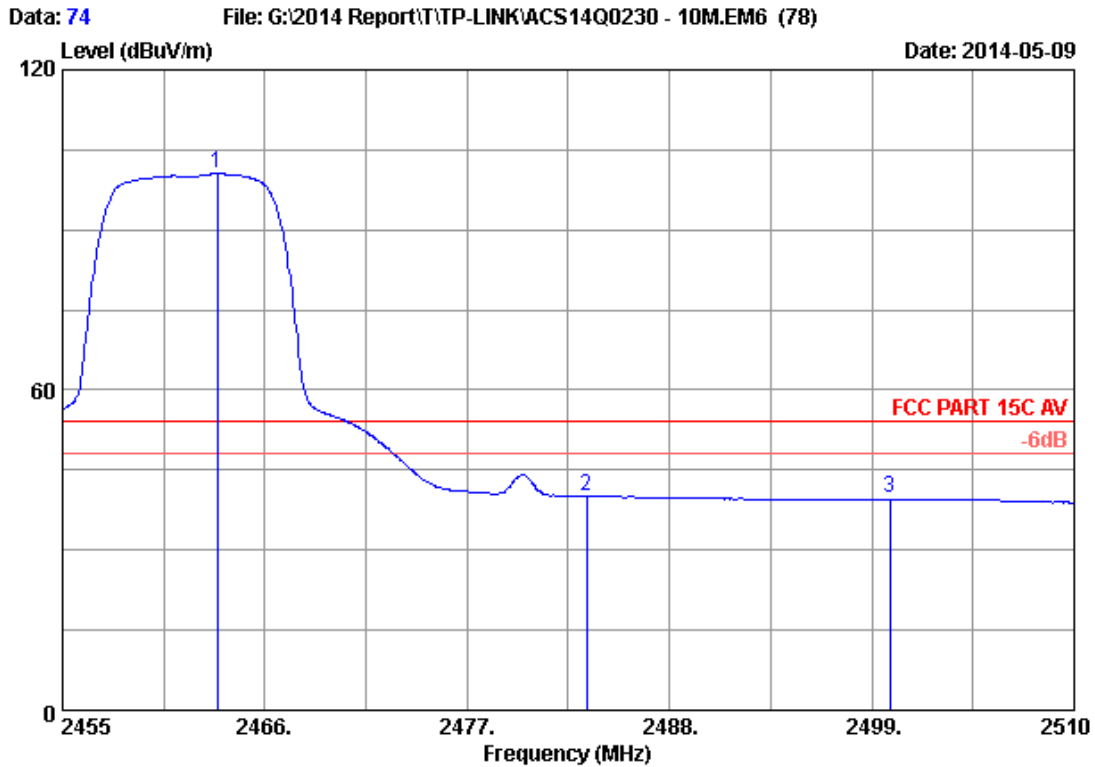
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 73  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.690	28.32	5.89	35.70	112.83	111.34	74.00	-37.34	Peak
2	2483.500	28.36	5.92	35.70	51.68	50.26	74.00	23.74	Peak
3	2485.800	28.37	5.92	35.70	53.91	52.50	74.00	21.50	Peak
4	2500.000	28.40	5.94	35.70	52.38	51.02	74.00	22.98	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.

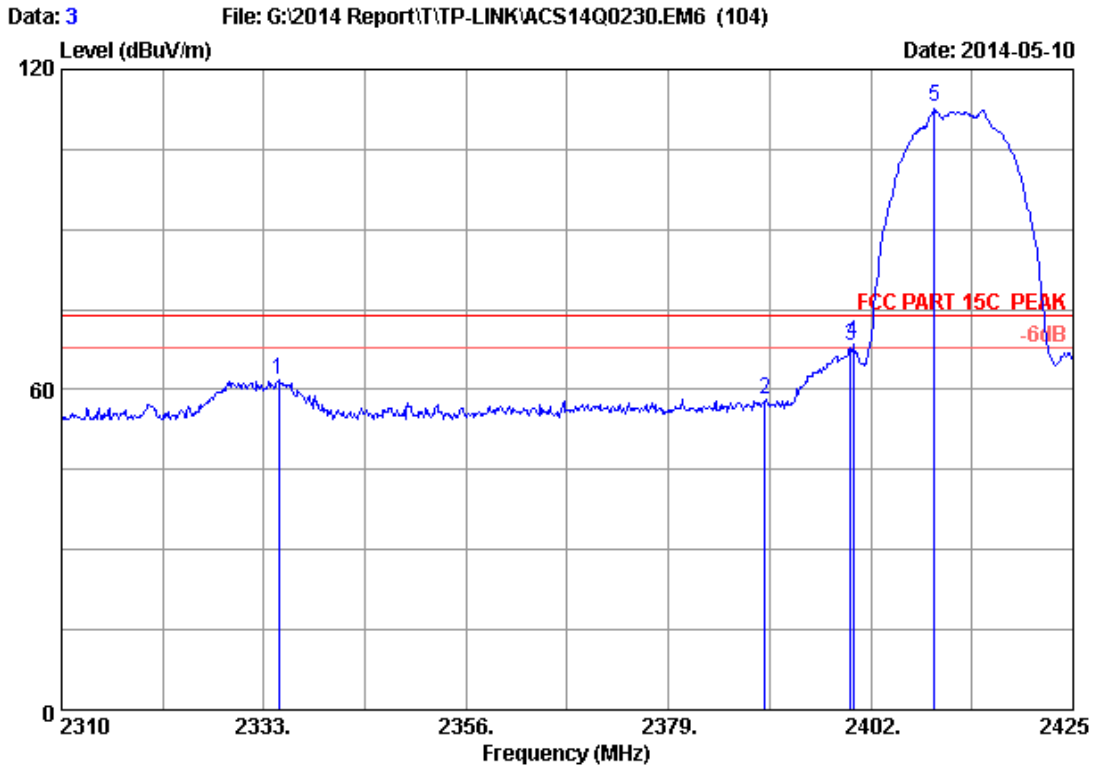


Site no. : 3m Chamber Data no. : 74  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11n HT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2463.415	28.32	5.89	35.70	102.02	100.53	54.00	-46.53	Average
2	2483.500	28.36	5.92	35.70	41.57	40.15	54.00	13.85	Average
3	2500.000	28.40	5.94	35.70	41.07	39.71	54.00	14.29	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.

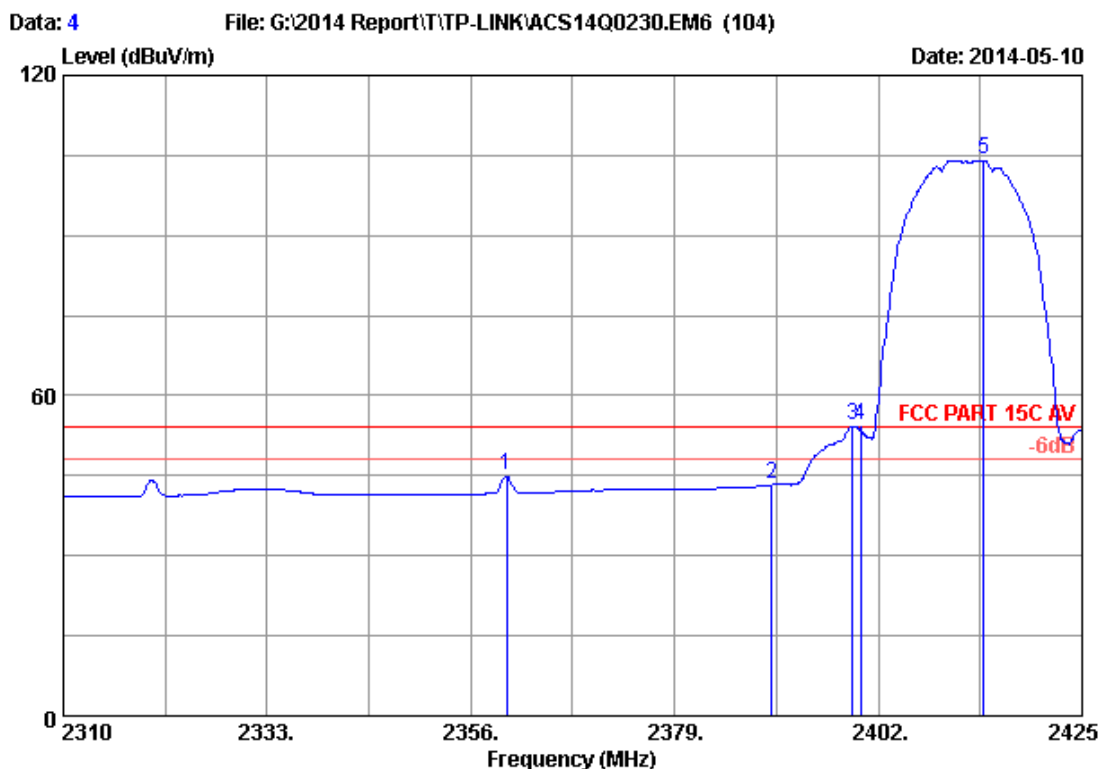
20MHz



Site no. : 3m Chamber Data no. : 3  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2334.725	28.04	5.70	35.70	63.76	61.80	74.00	12.20	Peak
2	2390.000	28.16	5.78	35.70	60.04	58.28	74.00	15.72	Peak
3	2399.700	28.18	5.80	35.70	69.86	68.14	74.00	5.86	Peak
4	2400.000	28.18	5.80	35.70	70.63	68.91	74.00	5.09	Peak
5	2409.245	28.20	5.81	35.70	114.63	112.94	74.00	-38.94	Peak

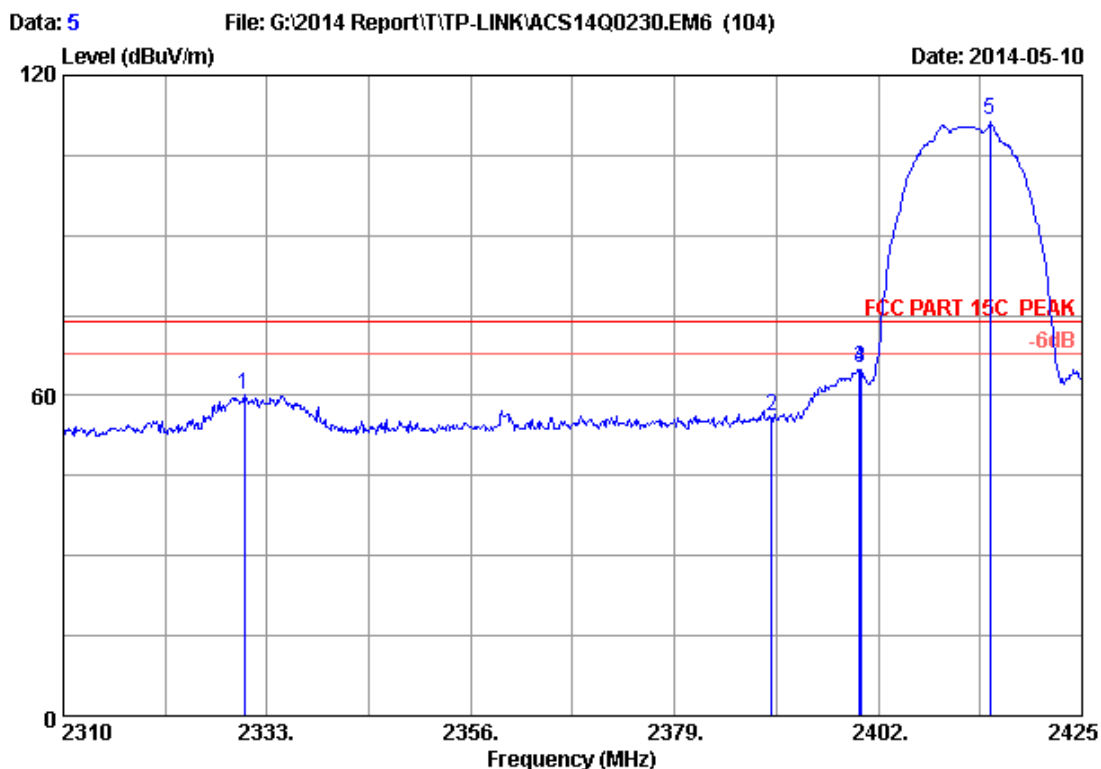
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 4  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2360.025	28.09	5.74	35.70	46.96	45.09	54.00	8.91	Average
2	2390.000	28.16	5.78	35.70	45.36	43.60	54.00	10.40	Average
3	2399.125	28.18	5.80	35.70	56.06	54.34	54.00	-0.34	Average
4	2400.000	28.18	5.80	35.70	56.13	54.41	54.00	-0.41	Average
5	2413.845	28.21	5.82	35.70	105.96	104.29	54.00	-50.29	Average

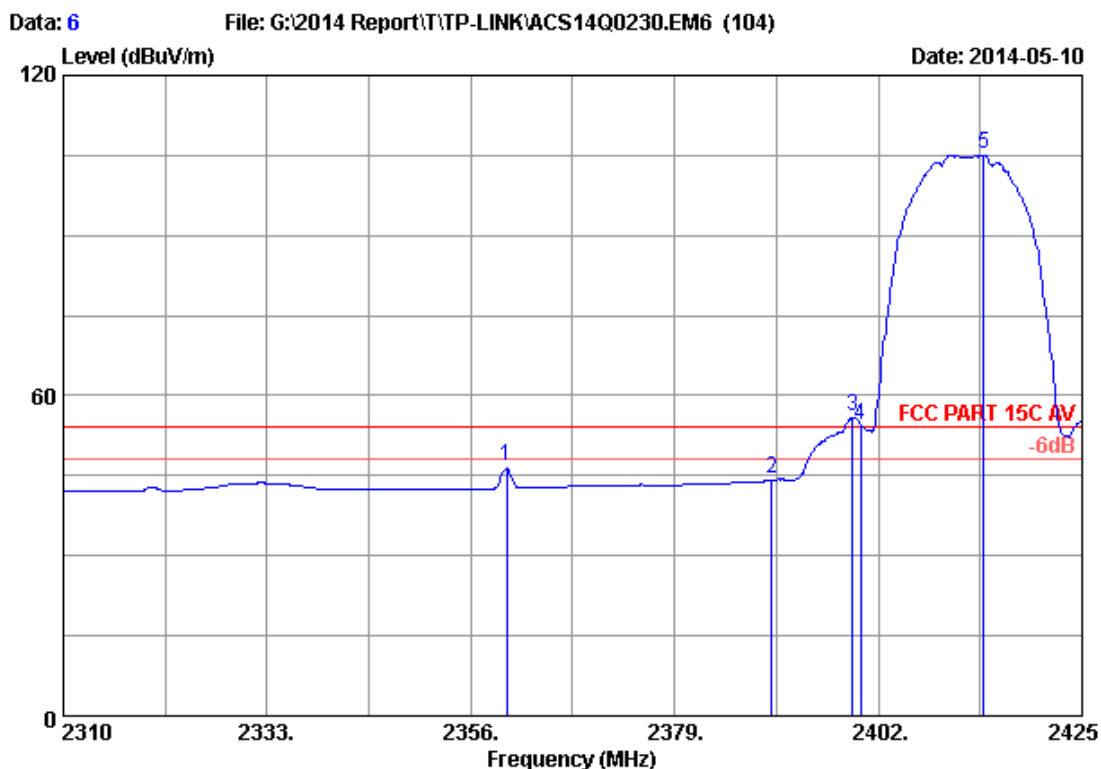
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 5  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission			Remark
						Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	
1	2330.470	28.03	5.70	35.70	62.06	60.09	74.00	13.91	Peak
2	2390.000	28.16	5.78	35.70	57.87	56.11	74.00	17.89	Peak
3	2399.930	28.18	5.80	35.70	67.03	65.31	74.00	8.69	Peak
4	2400.000	28.18	5.80	35.70	66.86	65.14	74.00	8.86	Peak
5	2414.650	28.21	5.82	35.70	113.26	111.59	74.00	-37.59	Peak

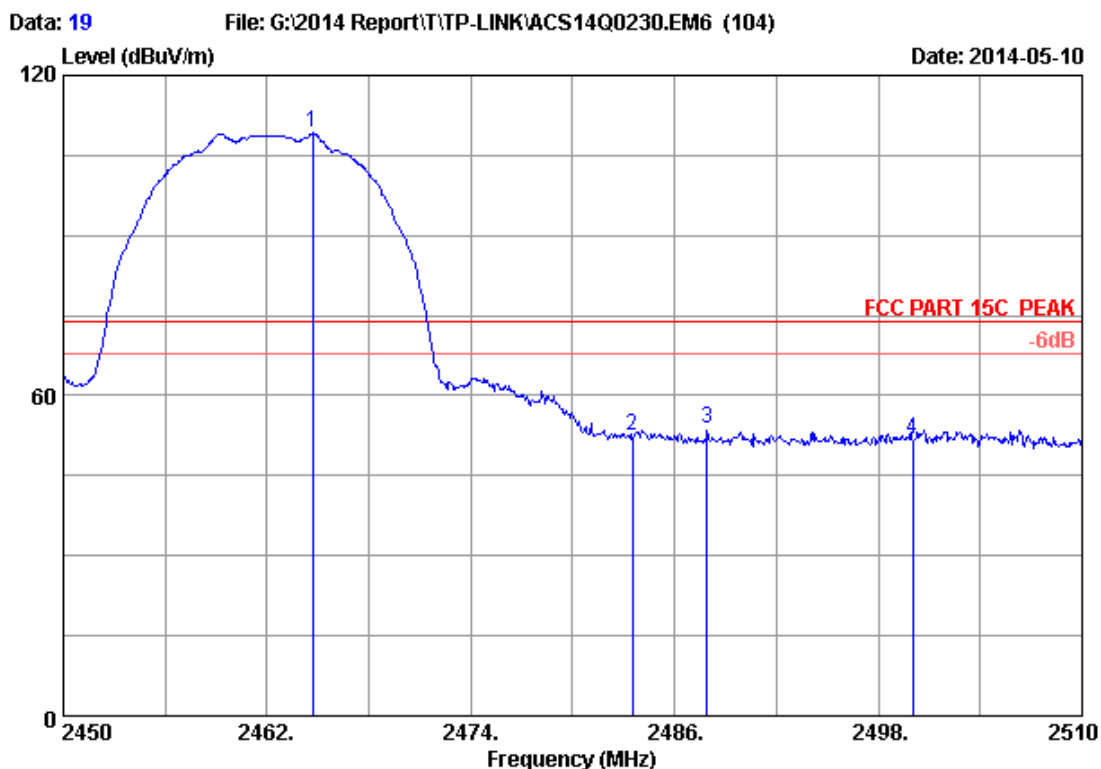
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 6  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2360.025	28.09	5.74	35.70	48.56	46.69	54.00	7.31	Average
2	2390.000	28.16	5.78	35.70	46.12	44.36	54.00	9.64	Average
3	2399.125	28.18	5.80	35.70	57.82	56.10	54.00	-2.10	Average
4	2400.000	28.18	5.80	35.70	56.26	54.54	54.00	-0.54	Average
5	2413.845	28.21	5.82	35.70	106.86	105.19	54.00	-51.19	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.

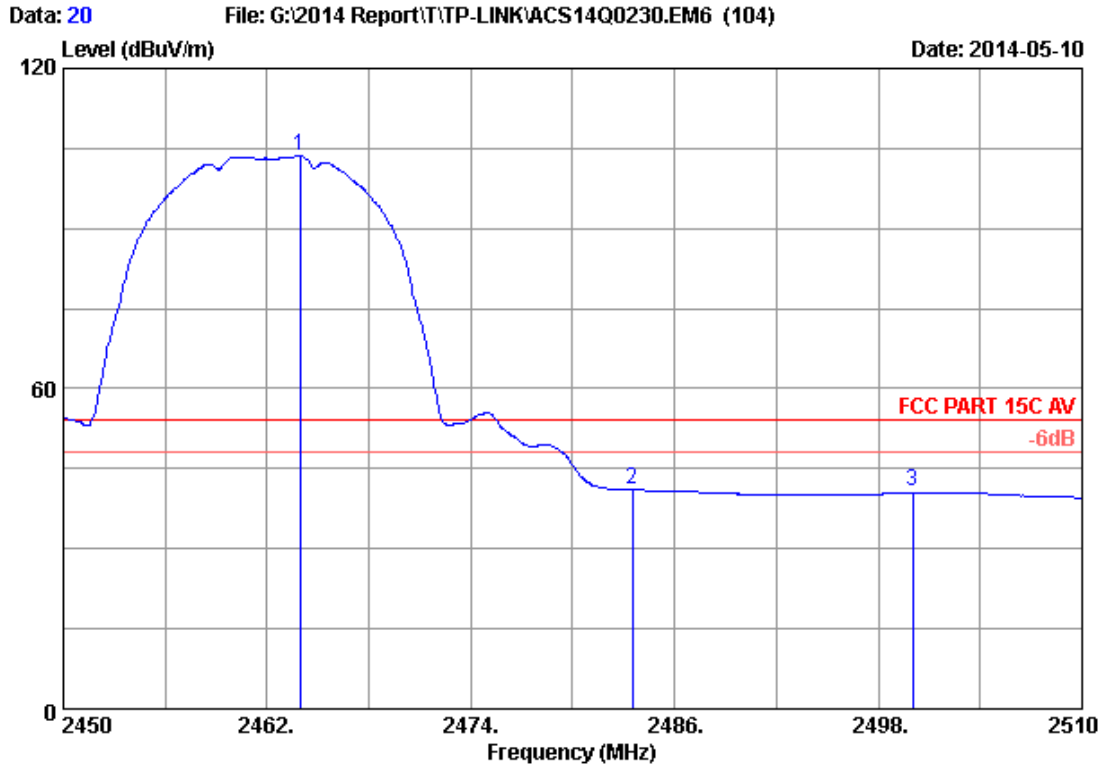


Site no. : 3m Chamber Data no. : 19  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2464.700	28.32	5.89	35.70	110.87	109.38	74.00	-35.38	Peak
2	2483.500	28.36	5.92	35.70	53.76	52.34	74.00	21.66	Peak
3	2487.920	28.37	5.92	35.70	55.11	53.70	74.00	20.30	Peak
4	2500.000	28.40	5.94	35.70	53.19	51.83	74.00	22.17	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.

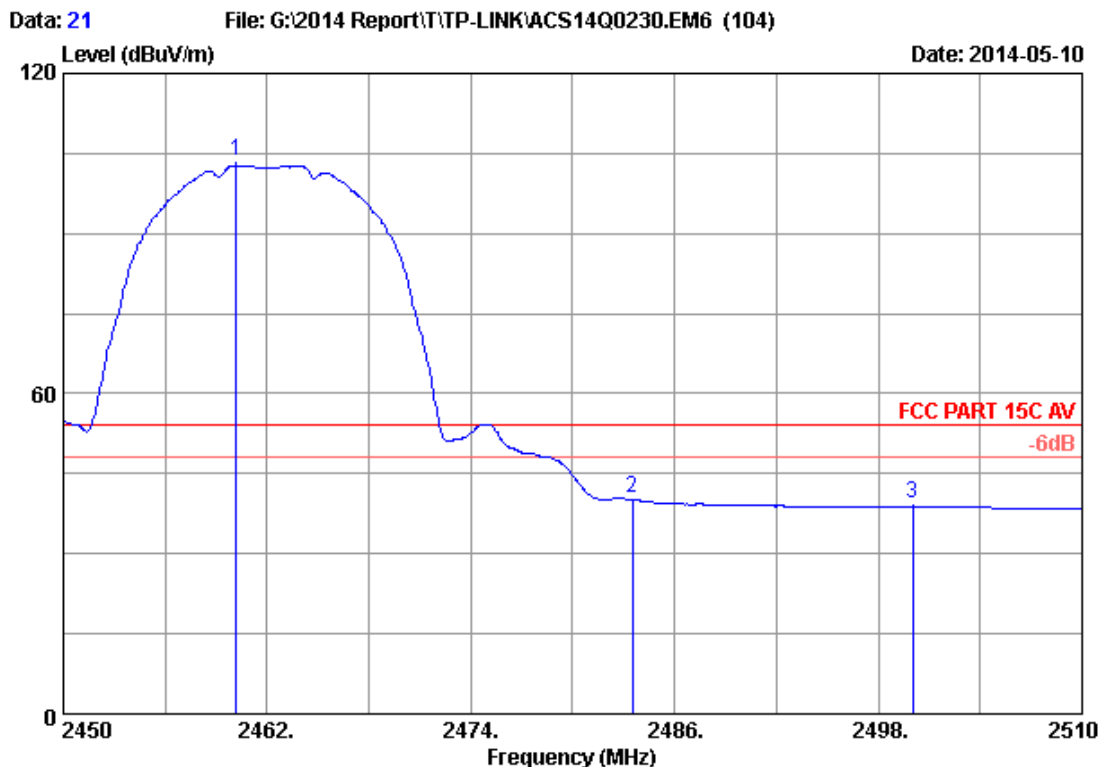




Site no. : 3m Chamber Data no. : 20  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2463.920	28.32	5.89	35.70	105.03	103.54	54.00	-49.54	Average
2	2483.500	28.36	5.92	35.70	42.54	41.12	54.00	12.88	Average
3	2500.000	28.40	5.94	35.70	42.17	40.81	54.00	13.19	Average

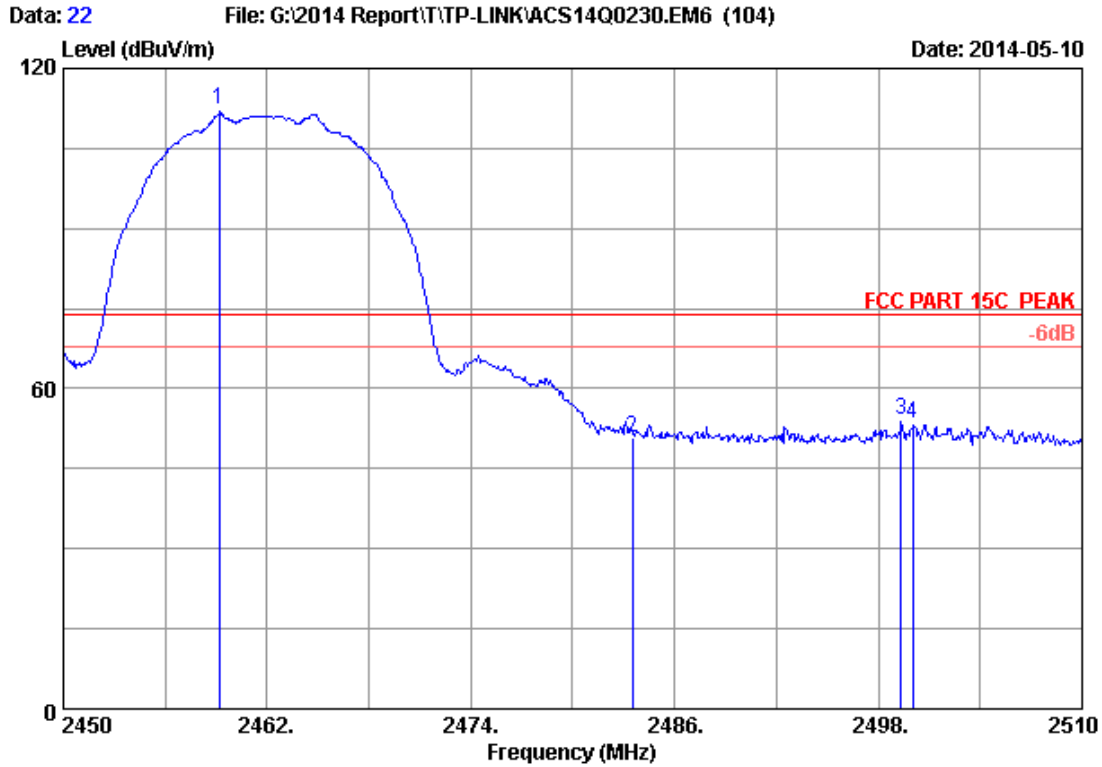
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 21  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2460.200	28.31	5.88	35.70	105.14	103.63	54.00	-49.63	Average
2	2483.500	28.36	5.92	35.70	41.87	40.45	54.00	13.55	Average
3	2500.000	28.40	5.94	35.70	40.74	39.38	54.00	14.62	Average

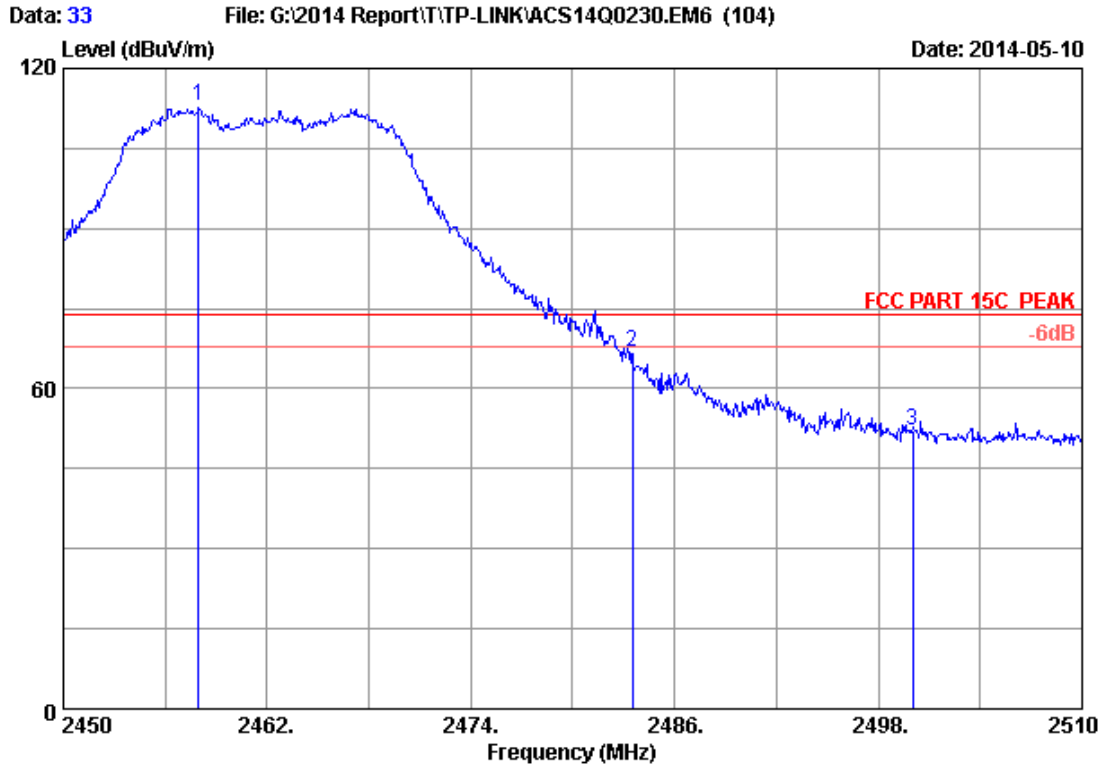
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 22  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11b 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2459.180	28.31	5.88	35.70	113.85	112.34	74.00	-38.34	Peak
2	2483.500	28.36	5.92	35.70	52.08	50.66	74.00	23.34	Peak
3	2499.320	28.40	5.94	35.70	55.49	54.13	74.00	19.87	Peak
4	2500.000	28.40	5.94	35.70	54.92	53.56	74.00	20.44	Peak

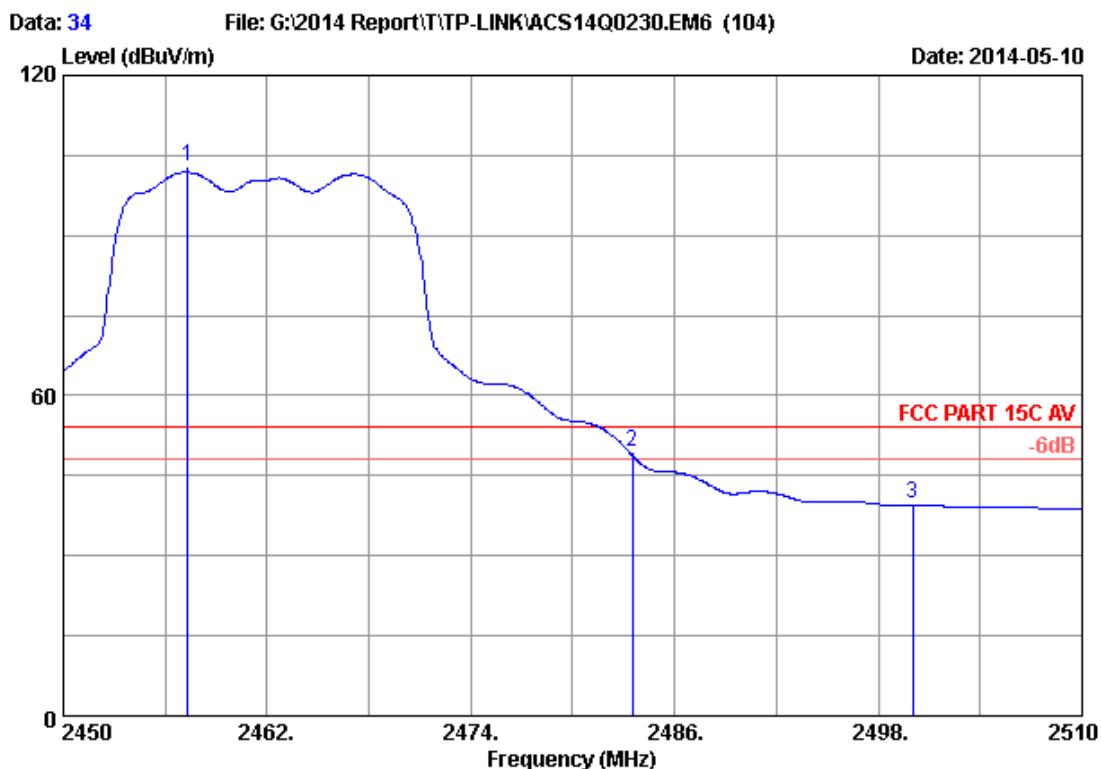
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 33  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2457.980	28.31	5.88	35.70	114.33	112.82	74.00	-38.82	Peak
2	2483.500	28.36	5.92	35.70	68.14	66.72	74.00	7.28	Peak
3	2500.000	28.40	5.94	35.70	53.50	52.14	74.00	21.86	Peak

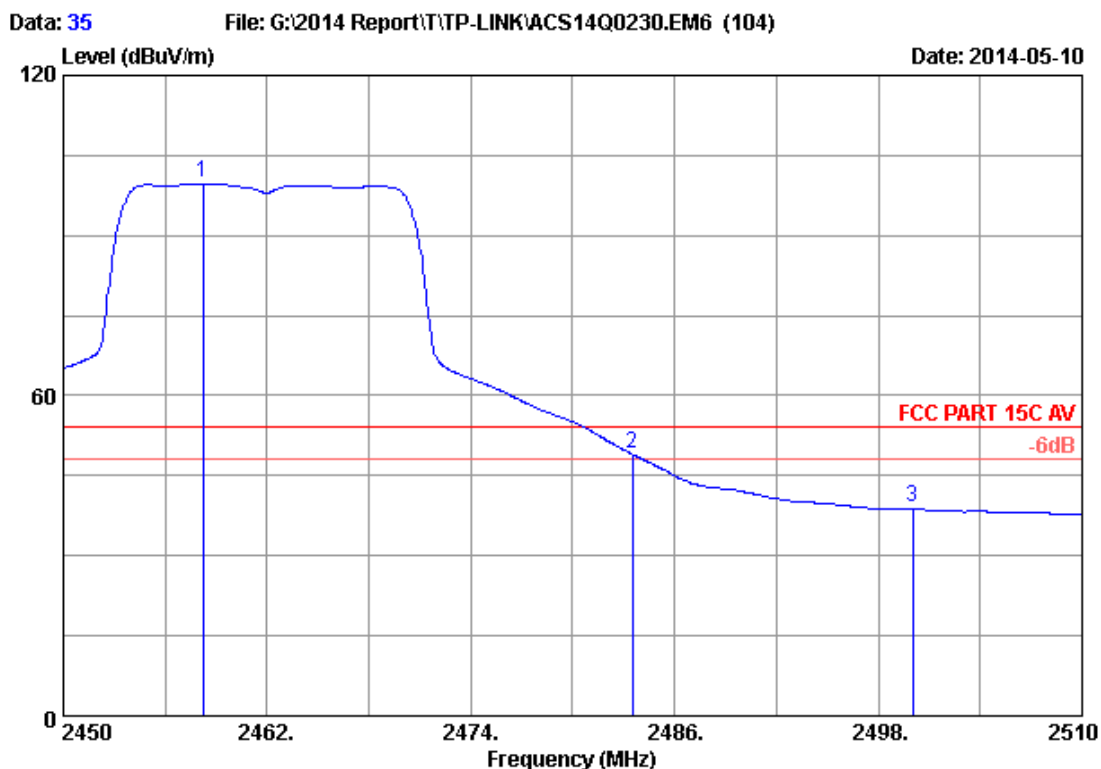
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 34  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2457.320	28.31	5.88	35.70	104.56	103.05	54.00	-49.05	Average
2	2483.500	28.36	5.92	35.70	50.84	49.42	54.00	4.58	Average
3	2500.000	28.40	5.94	35.70	41.29	39.93	54.00	14.07	Average

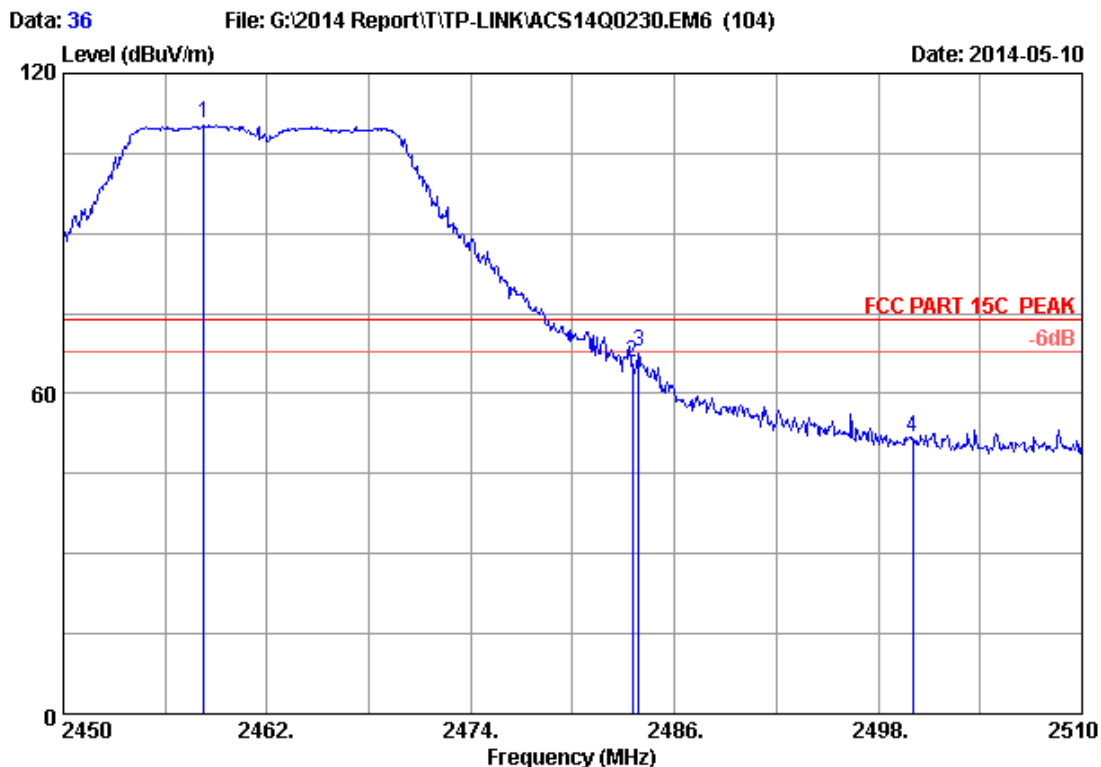
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 35  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2458.220	28.31	5.88	35.70	101.56	100.05	54.00	-46.05	Average
2	2483.500	28.36	5.92	35.70	50.69	49.27	54.00	4.73	Average
3	2500.000	28.40	5.94	35.70	40.38	39.02	54.00	14.98	Average

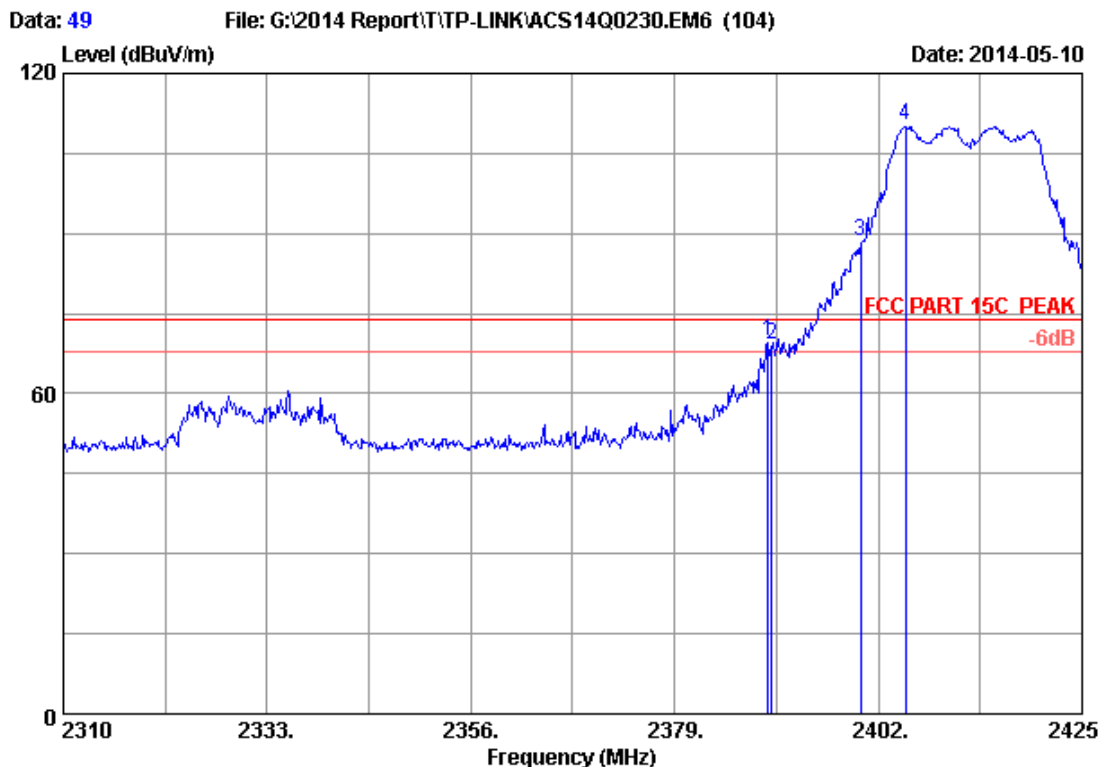
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 36  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2458.280	28.31	5.88	35.70	112.06	110.55	74.00	-36.55	Peak
2	2483.500	28.36	5.92	35.70	67.13	65.71	74.00	8.29	Peak
3	2483.900	28.36	5.92	35.70	69.17	67.75	74.00	6.25	Peak
4	2500.000	28.40	5.94	35.70	53.07	51.71	74.00	22.29	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.

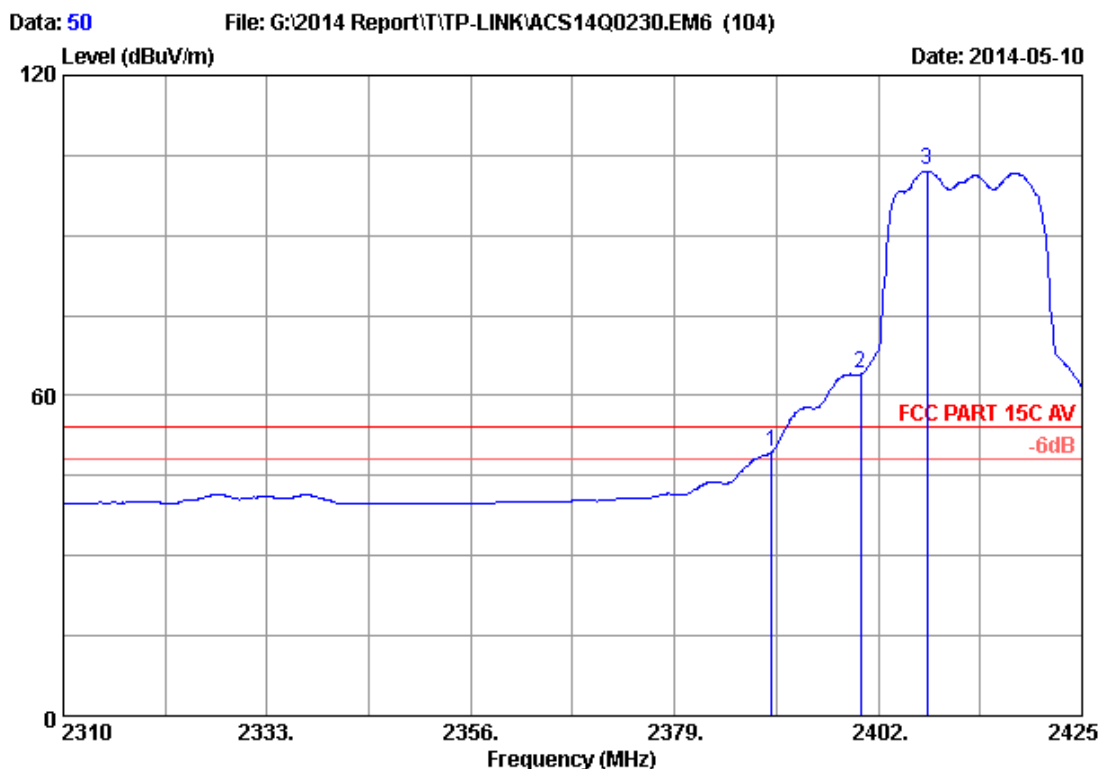


Site no. : 3m Chamber Data no. : 49  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2389.580	28.16	5.78	35.70	71.56	69.80	74.00	4.20	Peak
2	2390.000	28.16	5.78	35.70	70.95	69.19	74.00	4.81	Peak
3	2400.000	28.18	5.80	35.70	90.18	88.46	74.00	-14.46	Peak
4	2405.105	28.19	5.80	35.70	111.90	110.19	74.00	-36.19	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.

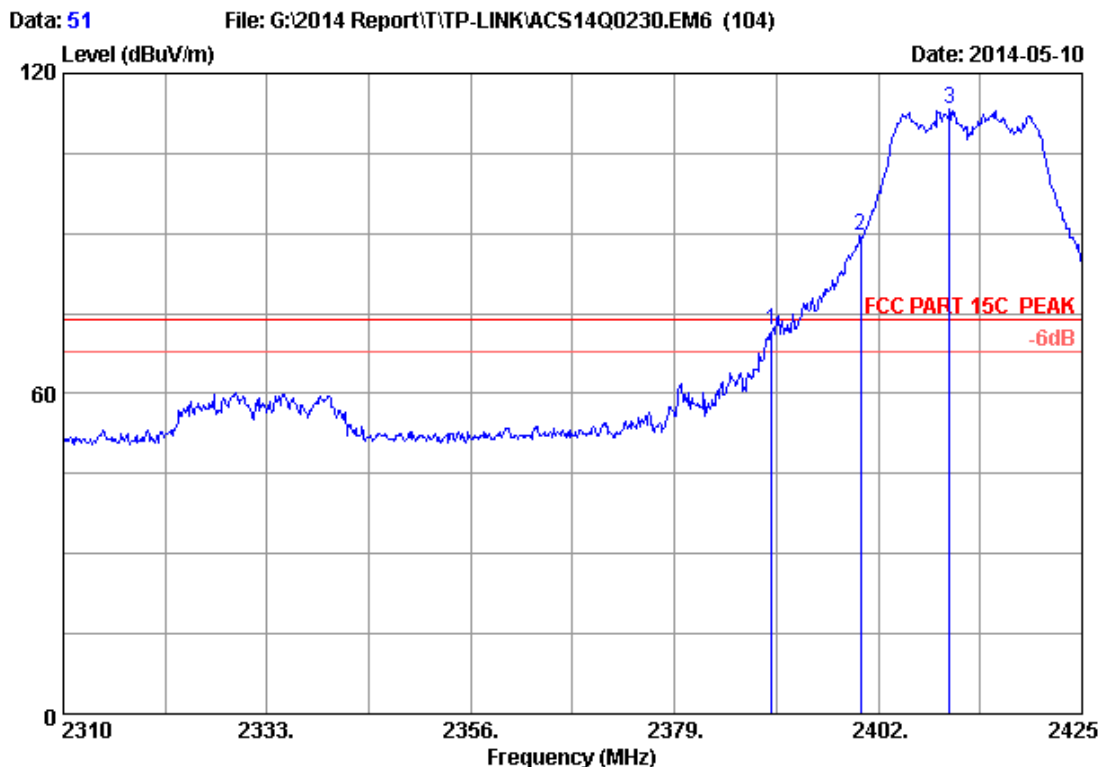




Site no. : 3m Chamber Data no. : 50  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2390.000	28.16	5.78	35.70	51.26	49.50	54.00	4.50	Average
2	2400.000	28.18	5.80	35.70	65.97	64.25	54.00	-10.25	Average
3	2407.520	28.20	5.81	35.70	103.88	102.19	54.00	-48.19	Average

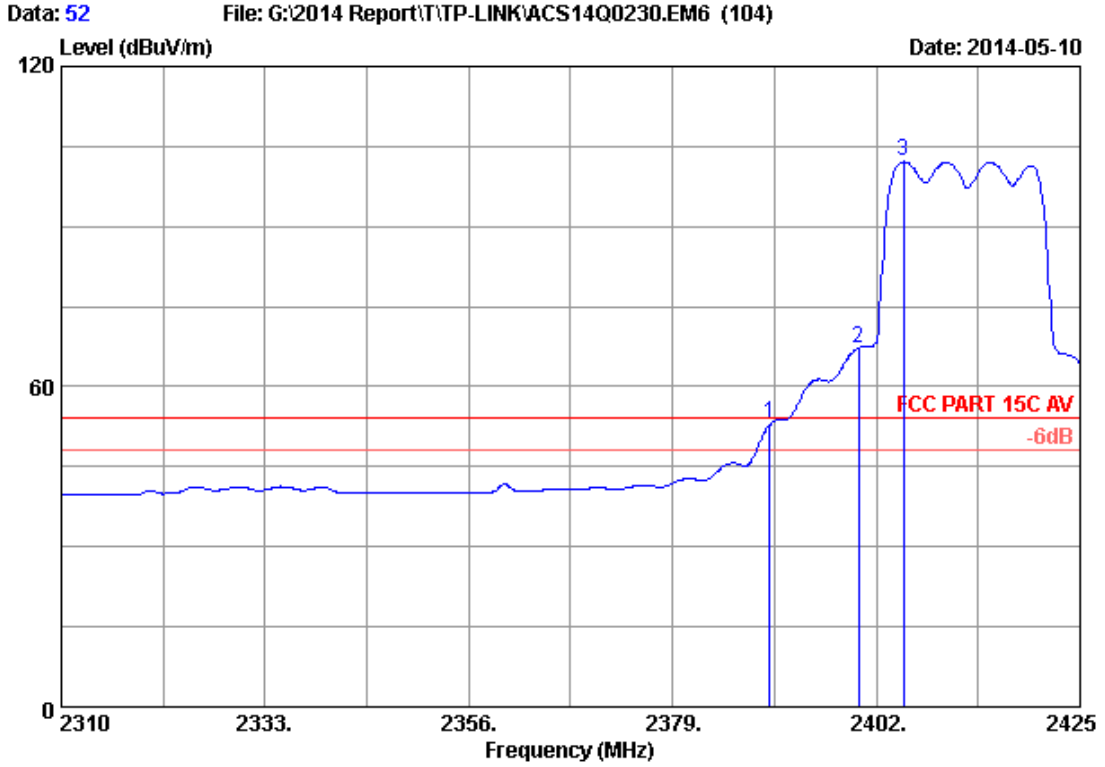
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 51  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2390.000	28.16	5.78	35.70	73.50	71.74	74.00	2.26	Peak
2	2400.000	28.18	5.80	35.70	91.28	89.56	74.00	-15.56	Peak
3	2410.050	28.20	5.81	35.70	115.07	113.38	74.00	-39.38	Peak

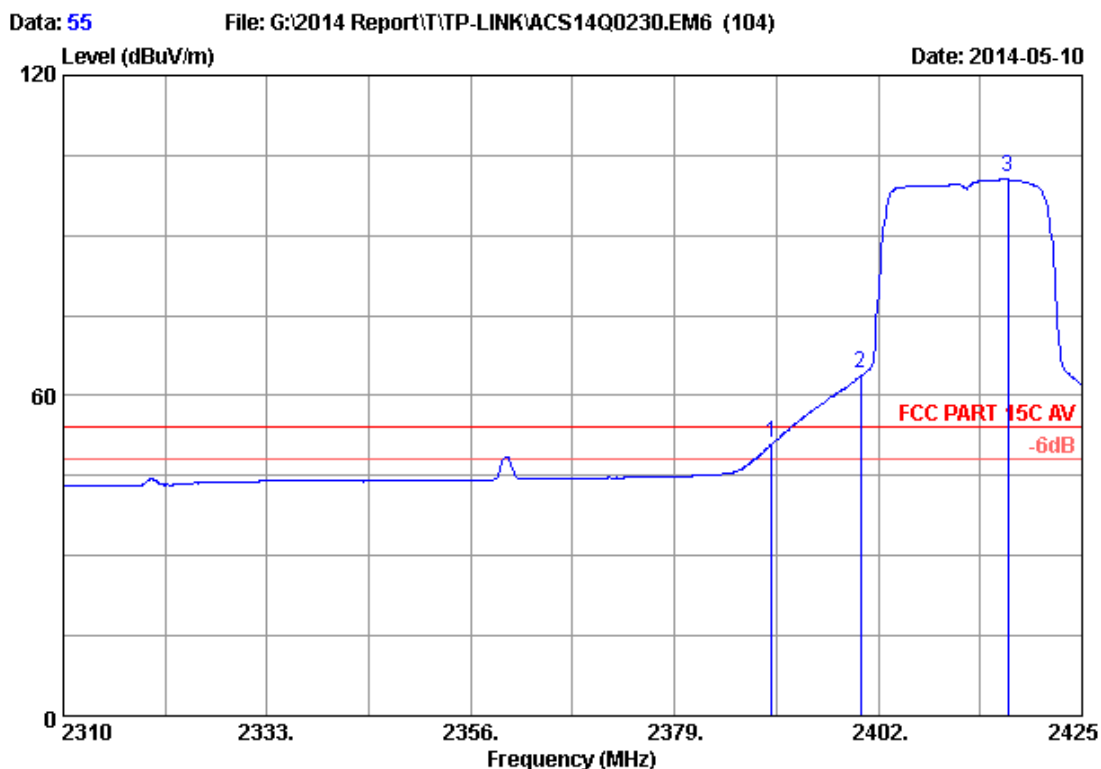
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 52  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11g 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission			Remark
						Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	
1	2390.000	28.16	5.78	35.70	54.77	53.01	54.00	0.99	Average
2	2400.000	28.18	5.80	35.70	68.88	67.16	54.00	-13.16	Average
3	2405.105	28.19	5.80	35.70	104.04	102.33	54.00	-48.33	Average

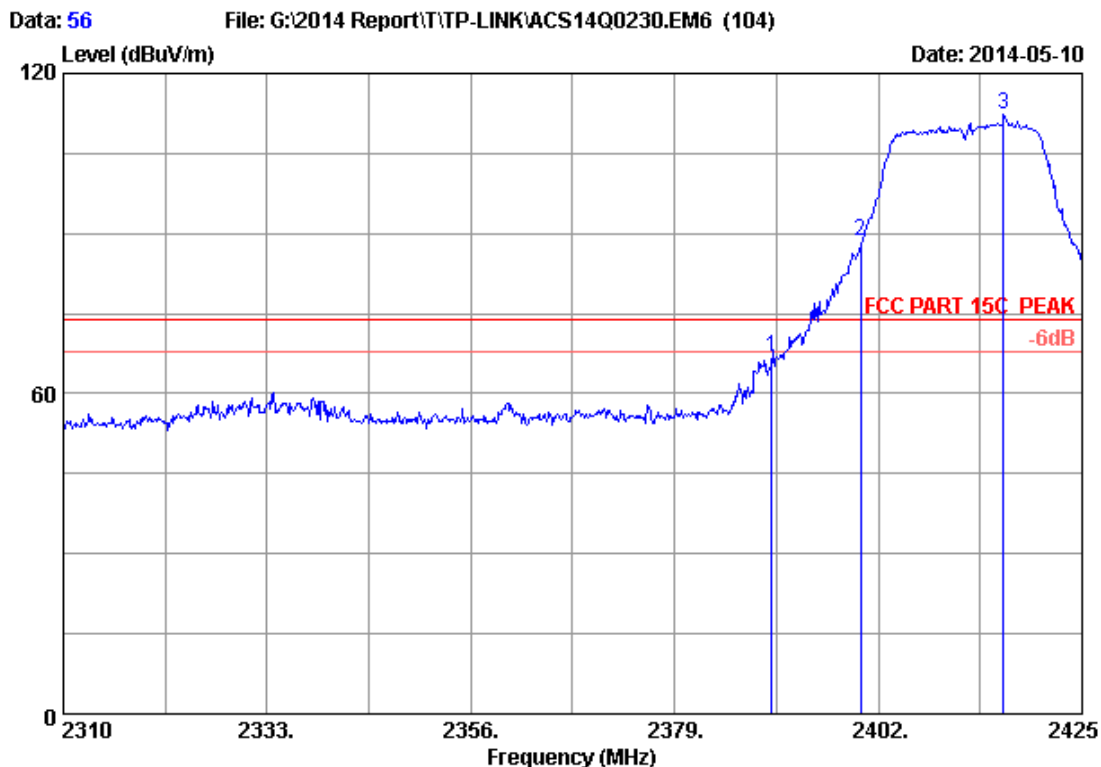
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 55  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2390.000	28.16	5.78	35.70	52.98	51.22	54.00	2.78	Average
2	2400.000	28.18	5.80	35.70	65.79	64.07	54.00	-10.07	Average
3	2416.605	28.22	5.82	35.70	102.52	100.86	54.00	-46.86	Average

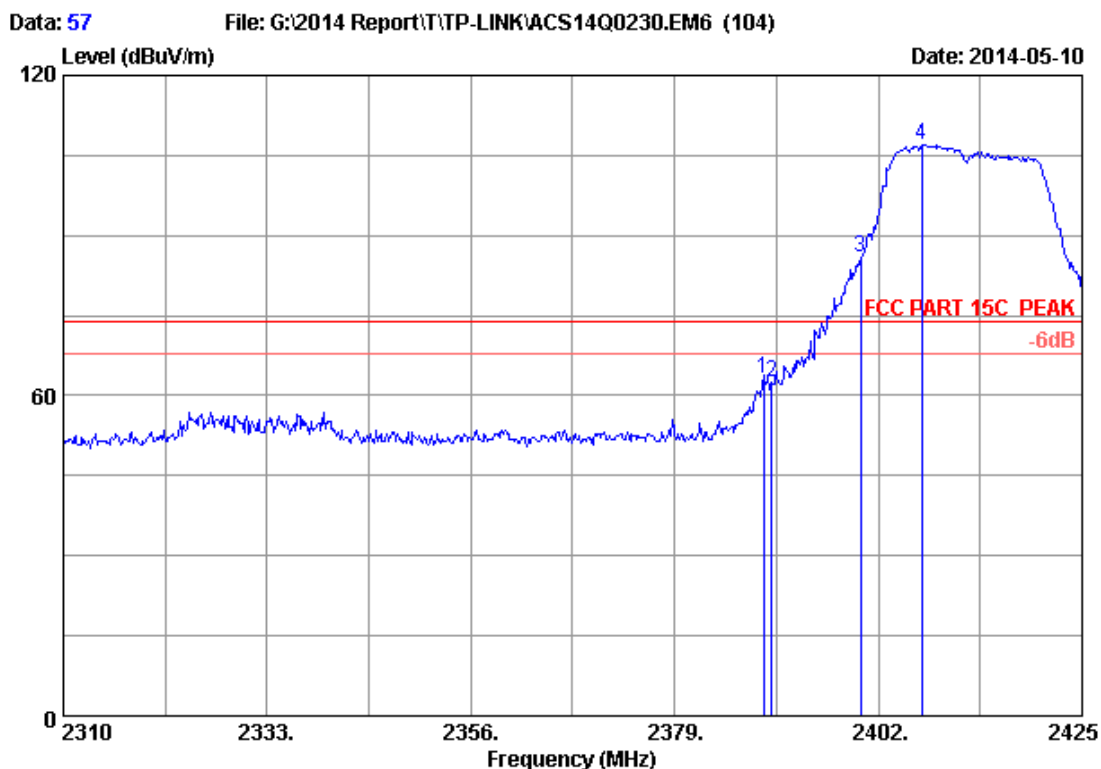
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 56  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBUV)	Emission			Remark
						Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	
1	2390.000	28.16	5.78	35.70	68.58	66.82	74.00	7.18	Peak
2	2400.000	28.18	5.80	35.70	90.14	88.42	74.00	-14.42	Peak
3	2416.145	28.22	5.82	35.70	114.08	112.42	74.00	-38.42	Peak

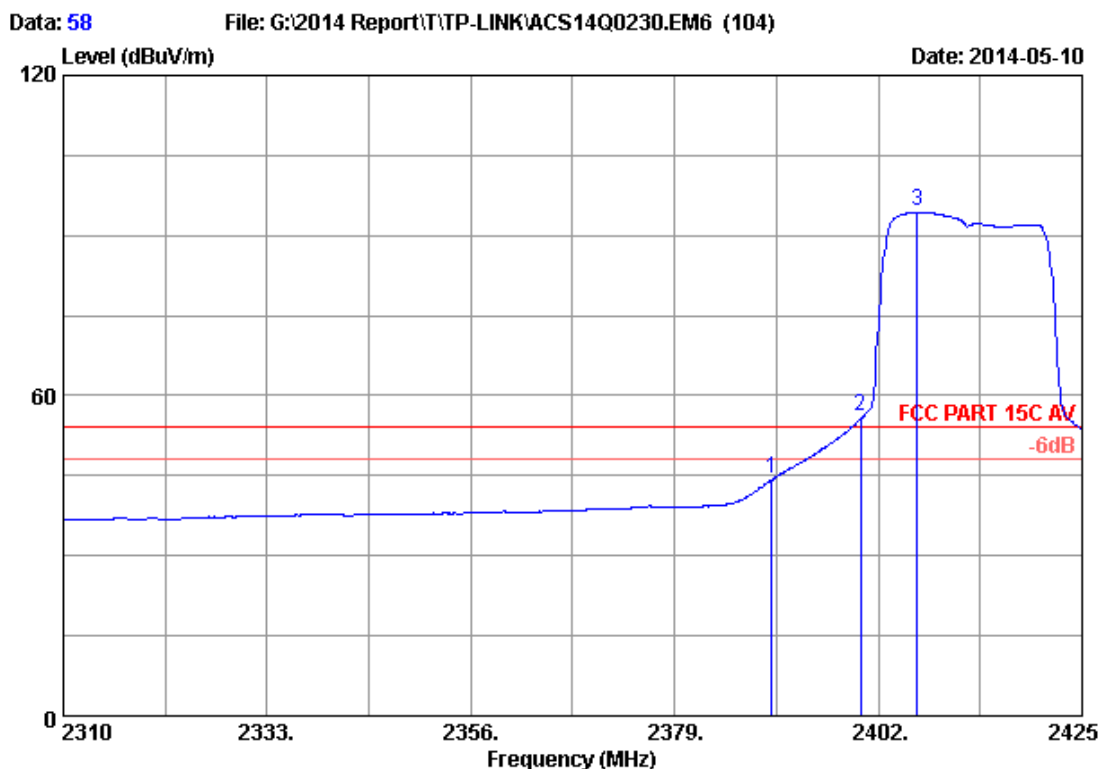
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official  
 limit are not reported.



Site no. : 3m Chamber Data no. : 57  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2389.005	28.16	5.78	35.70	64.79	63.03	74.00	10.97	Peak
2	2390.000	28.16	5.78	35.70	64.39	62.63	74.00	11.37	Peak
3	2400.000	28.18	5.80	35.70	87.68	85.96	74.00	-11.96	Peak
4	2406.945	28.20	5.81	35.70	108.79	107.10	74.00	-33.10	Peak

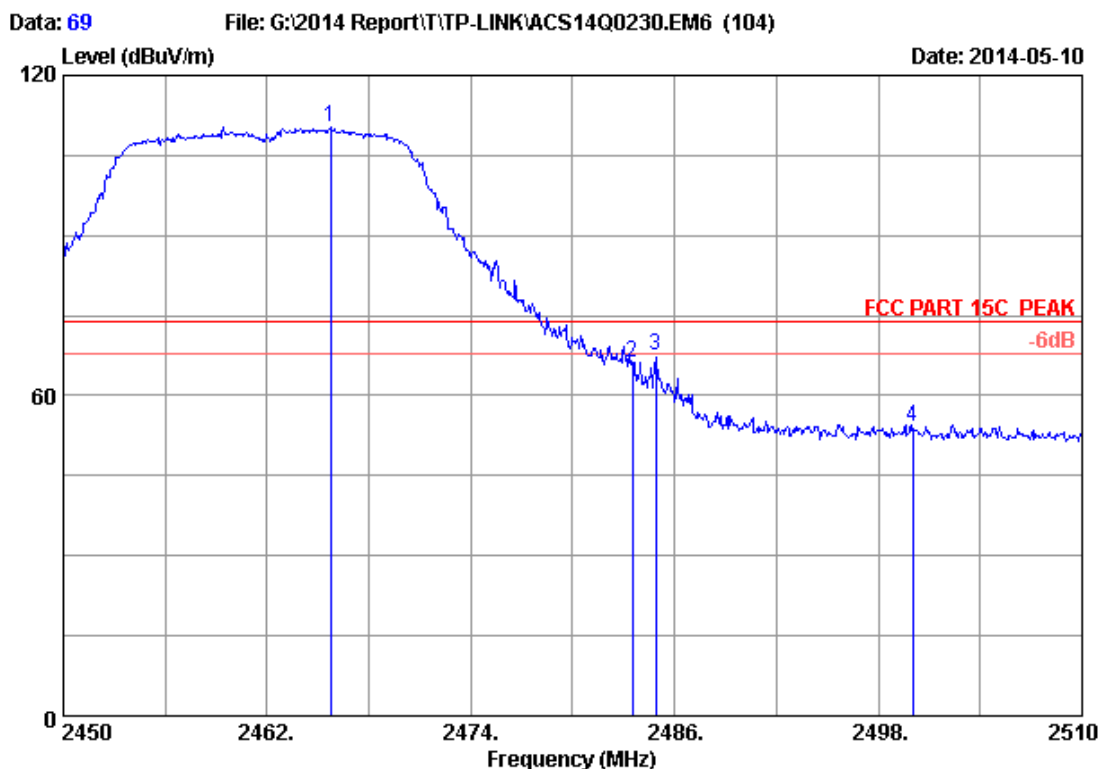
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 58  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2412MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2390.000	28.16	5.78	35.70	46.26	44.50	54.00	9.50	Average
2	2400.000	28.18	5.80	35.70	57.81	56.09	54.00	-2.09	Average
3	2406.370	28.19	5.81	35.70	96.42	94.72	54.00	-40.72	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.

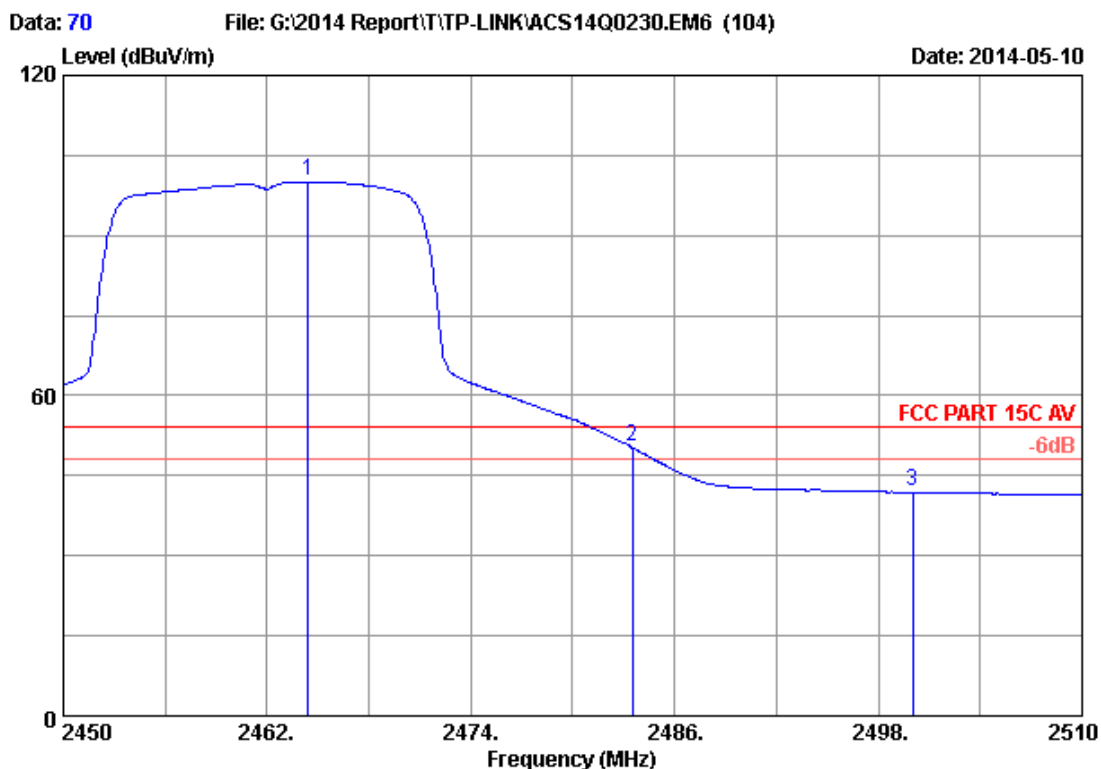


Site no. : 3m Chamber Data no. : 69  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2465.720	28.32	5.89	35.70	111.95	110.46	74.00	-36.46	Peak
2	2483.500	28.36	5.92	35.70	67.50	66.08	74.00	7.92	Peak
3	2484.920	28.37	5.92	35.70	69.03	67.62	74.00	6.38	Peak
4	2500.000	28.40	5.94	35.70	55.46	54.10	74.00	19.90	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.

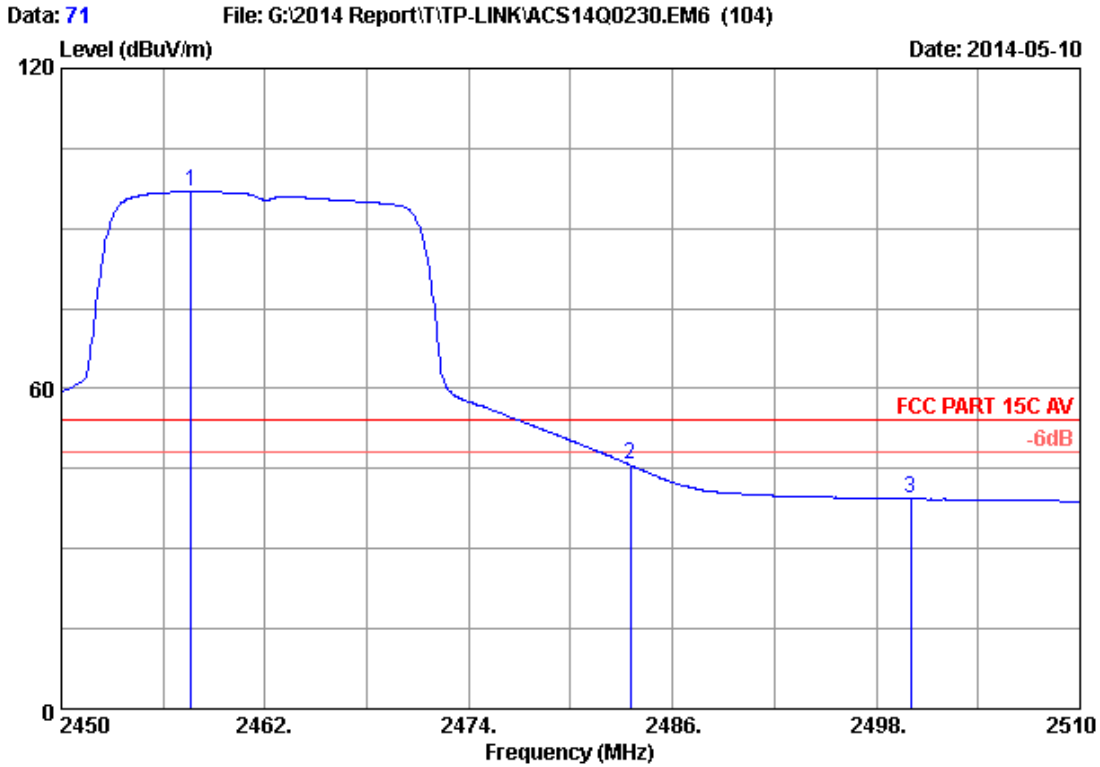




Site no. : 3m Chamber Data no. : 70  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2464.400	28.32	5.89	35.70	101.63	100.14	54.00	-46.14	Average
2	2483.500	28.36	5.92	35.70	51.90	50.48	54.00	3.52	Average
3	2500.000	28.40	5.94	35.70	43.47	42.11	54.00	11.89	Average

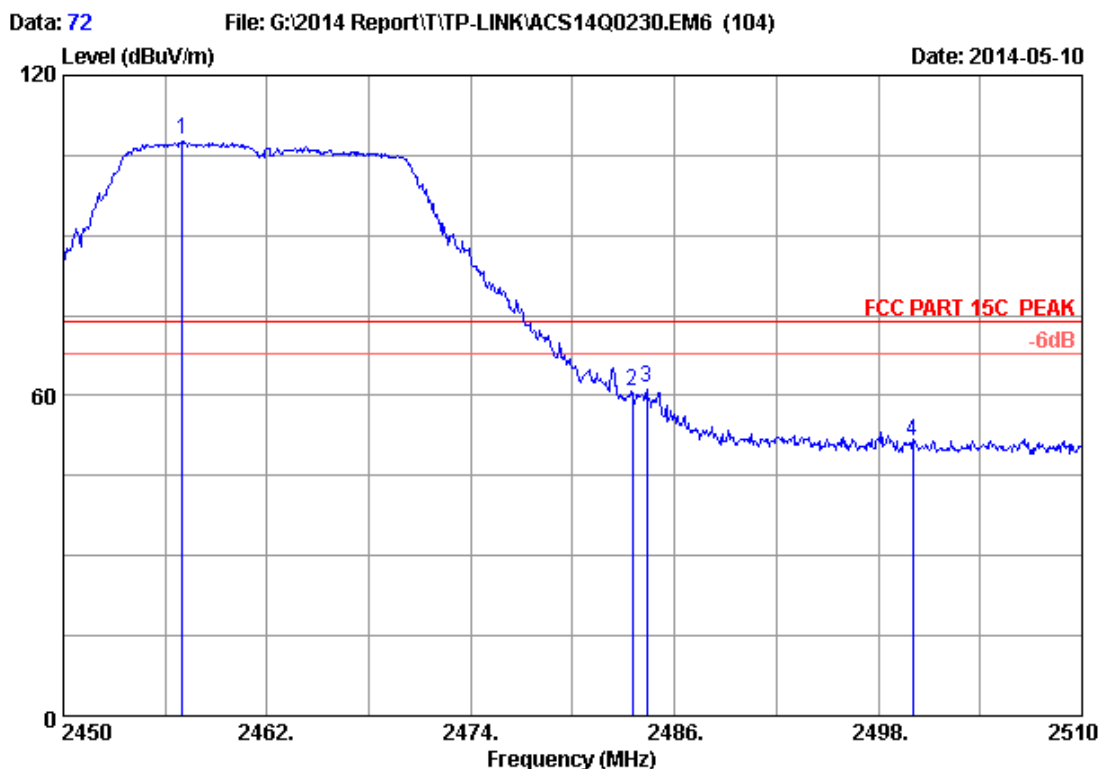
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 71  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2457.620	28.31	5.88	35.70	98.52	97.01	54.00	-43.01	Average
2	2483.500	28.36	5.92	35.70	47.30	45.88	54.00	8.12	Average
3	2500.000	28.40	5.94	35.70	40.93	39.57	54.00	14.43	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.

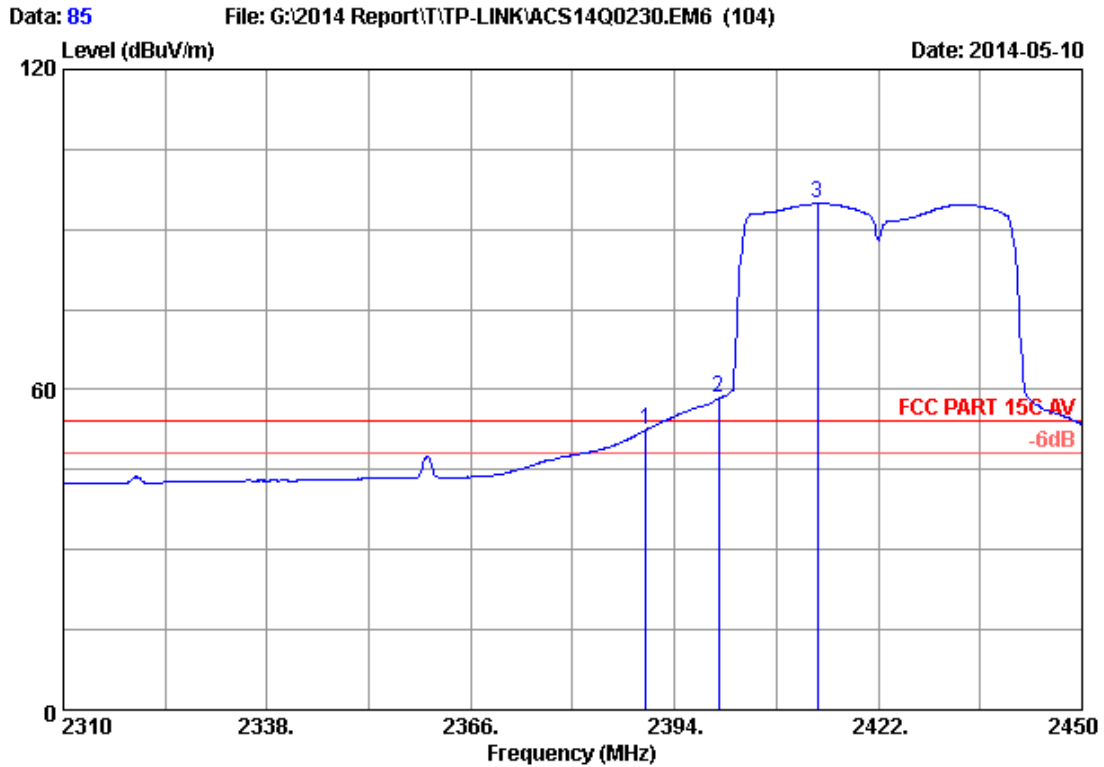


Site no. : 3m Chamber Data no. : 72  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT20 2462MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2457.020	28.31	5.88	35.70	109.42	107.91	74.00	-33.91	Peak
2	2483.500	28.36	5.92	35.70	62.29	60.87	74.00	13.13	Peak
3	2484.380	28.37	5.92	35.70	62.84	61.43	74.00	12.57	Peak
4	2500.000	28.40	5.94	35.70	52.69	51.33	74.00	22.67	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.

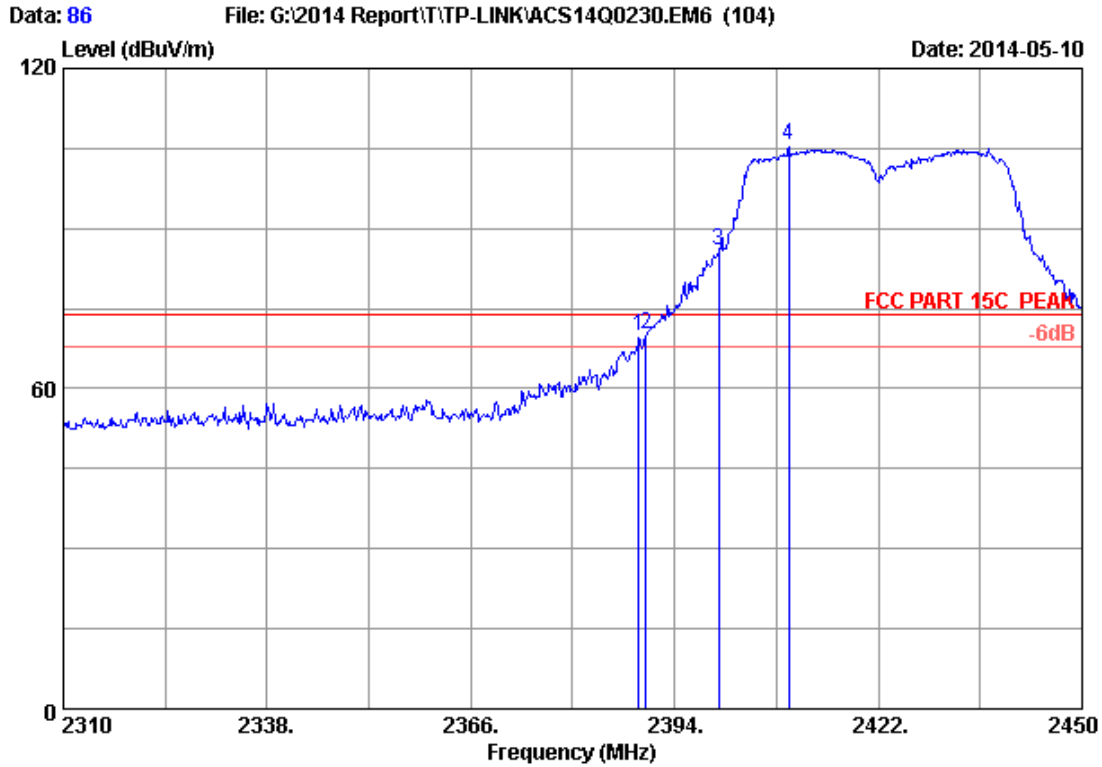
40MHz



Site no. : 3m Chamber Data no. : 85  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 2422MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2390.000	28.16	5.78	35.70	54.40	52.64	54.00	1.36	Average
2	2400.000	28.18	5.80	35.70	60.24	58.52	54.00	-4.52	Average
3	2413.600	28.21	5.82	35.70	96.74	95.07	54.00	-41.07	Average

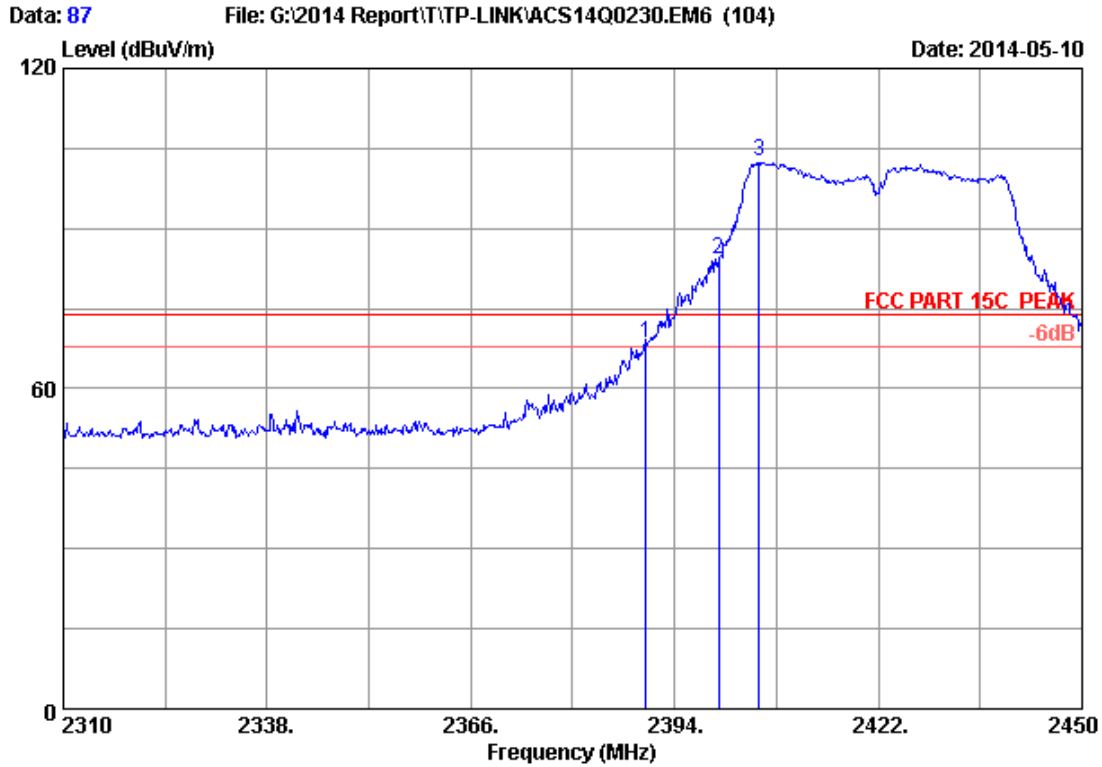
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 86  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 2422MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2389.100	28.16	5.78	35.70	71.65	69.89	74.00	4.11	Peak
2	2390.000	28.16	5.78	35.70	71.87	70.11	74.00	3.89	Peak
3	2400.000	28.18	5.80	35.70	87.49	85.77	74.00	-11.77	Peak
4	2409.680	28.20	5.81	35.70	107.20	105.51	74.00	-31.51	Peak

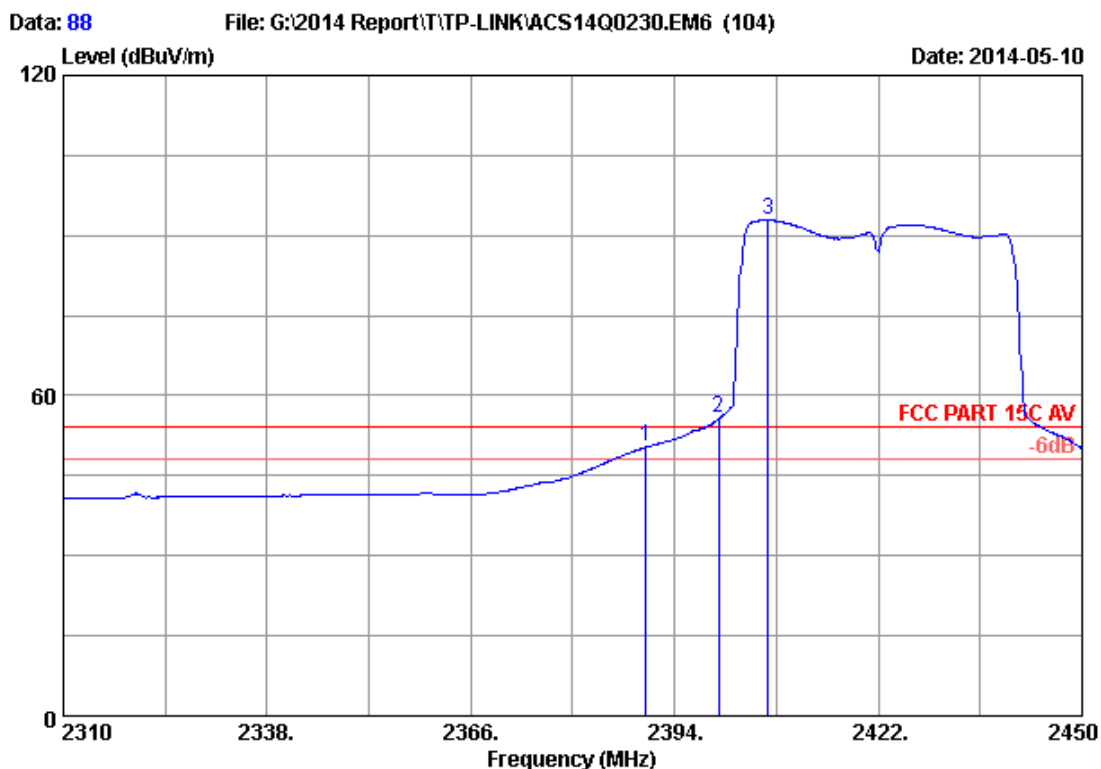
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 87  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 2422MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2390.000	28.16	5.78	35.70	70.43	68.67	74.00	5.33	Peak
2	2400.000	28.18	5.80	35.70	86.07	84.35	74.00	-10.35	Peak
3	2405.620	28.19	5.81	35.70	104.18	102.48	74.00	-28.48	Peak

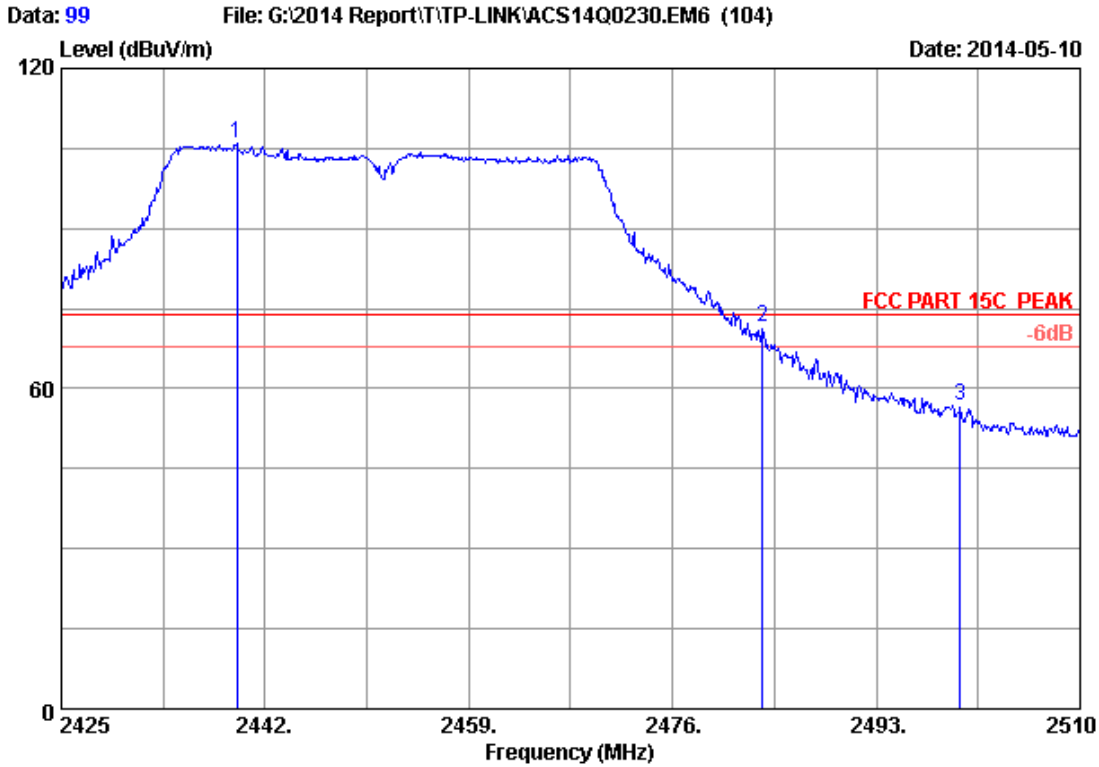
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 88  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 2422MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2390.000	28.16	5.78	35.70	52.11	50.35	54.00	3.65	Average
2	2400.000	28.18	5.80	35.70	57.44	55.72	54.00	-1.72	Average
3	2406.880	28.20	5.81	35.70	94.71	93.02	54.00	-39.02	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.

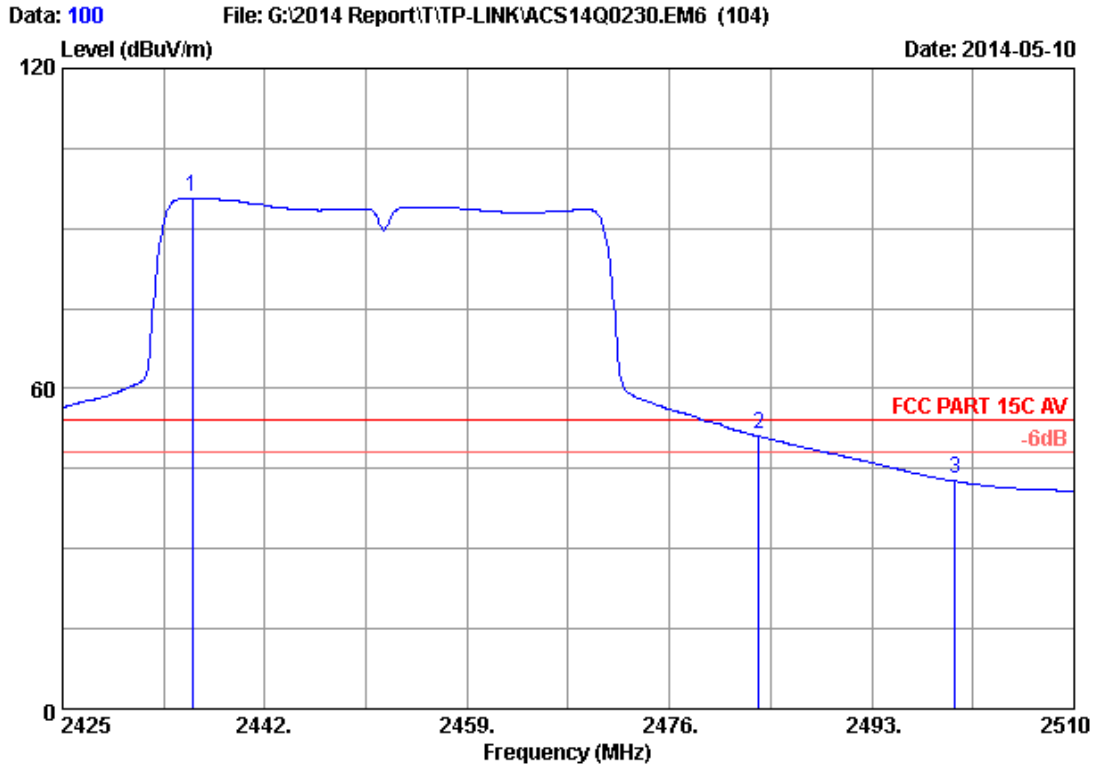


Site no. : 3m Chamber Data no. : 99  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 2452MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2439.620	28.27	5.85	35.70	107.70	106.12	74.00	-32.12	Peak
2	2483.500	28.36	5.92	35.70	72.87	71.45	74.00	2.55	Peak
3	2500.000	28.40	5.94	35.70	58.17	56.81	74.00	17.19	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.

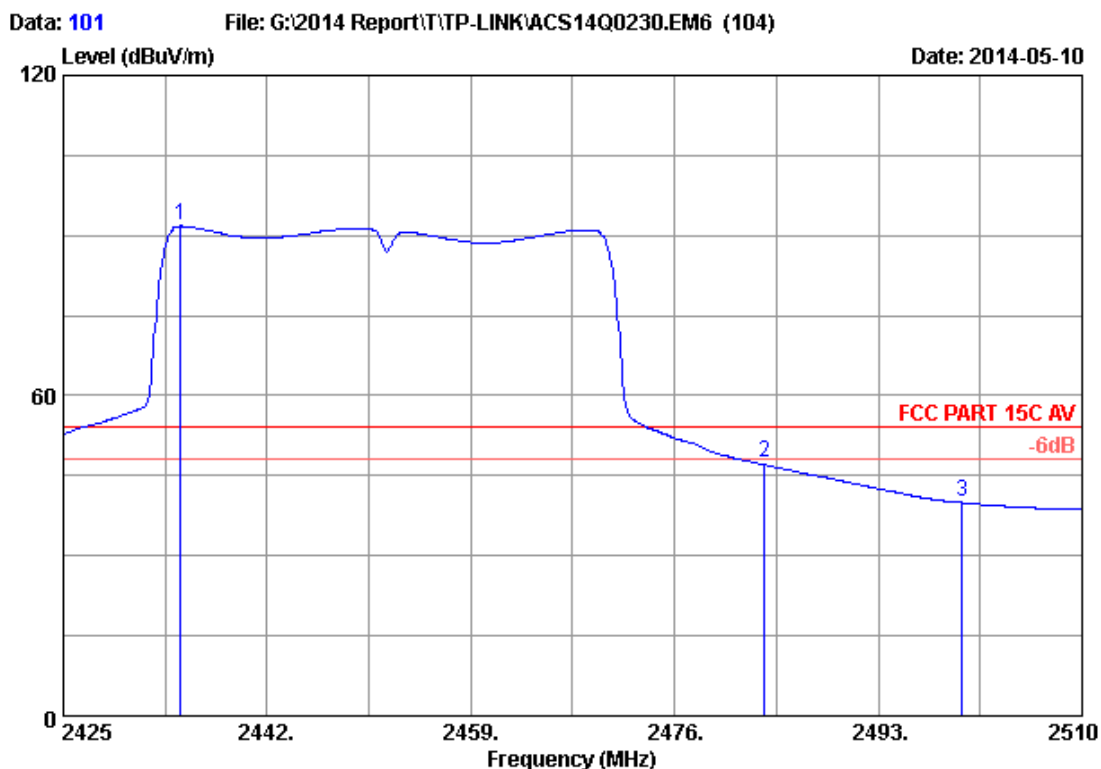




Site no. : 3m Chamber Data no. : 100  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 2452MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2435.880	28.26	5.85	35.70	97.42	95.83	54.00	-41.83	Average
2	2483.500	28.36	5.92	35.70	52.75	51.33	54.00	2.67	Average
3	2500.000	28.40	5.94	35.70	44.49	43.13	54.00	10.87	Average

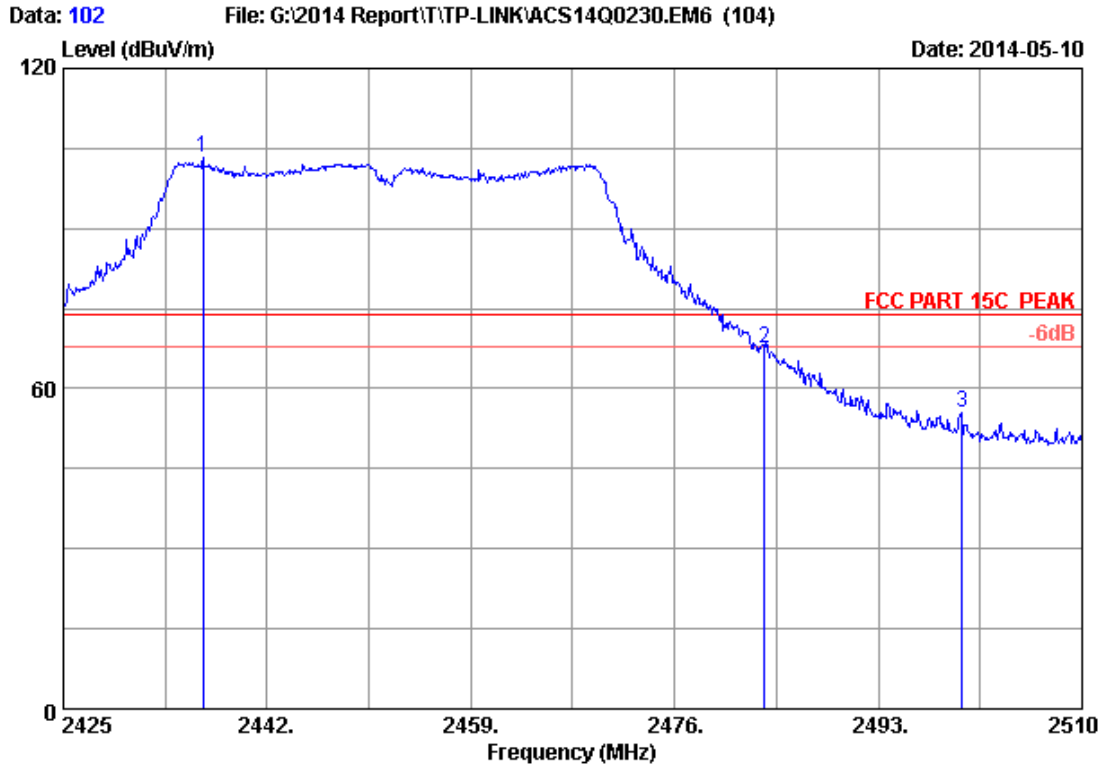
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading  
 -Amp Factor  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 101  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C AV  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 2452MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2434.775	28.26	5.85	35.70	93.45	91.86	54.00	-37.86	Average
2	2483.500	28.36	5.92	35.70	48.77	47.35	54.00	6.65	Average
3	2500.000	28.40	5.94	35.70	41.53	40.17	54.00	13.83	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. : 102  
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 24°C/56% Engineer : Leo-Li  
 EUT : 2.4GHz 300Mbps 9dBi Outdoor CPE  
 Power Rating : DC 24V From POE Input AC 120V/60Hz  
 Test Mode : IEEE802.11nHT40 2452MHz Tx  
 M/N : CPE210

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	AMP factor (dB)	Reading (dBuV)	Emission			Remark
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	2436.645	28.26	5.85	35.70	105.00	103.41	74.00	-29.41	Peak
2	2483.500	28.36	5.92	35.70	68.85	67.43	74.00	6.57	Peak
3	2500.000	28.40	5.94	35.70	56.98	55.62	74.00	18.38	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.

## 7. 6dB Bandwidth Test

### 7.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1 Year
2.	Amp	HP	8449B	3008A08495	May.08, 13	1 Year
3.	Antenna	EMCO	3115	9510-4580	May.08, 13	1Year
4.	HF Cable	Hubersuhner	Sucoflex104	-	May.08, 13	1 Year

### 7.2. Limit

For direct sequence systems, the minimum 6dB bandwidth shall be at least 500kHz

### 7.3. Test Procedure

The transmitter output was connected to a spectrum analyzer, The bandwidth of the fundamental frequency was measured by spectrum analyzer with 300KHz RBW and 1MHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

### 7.4. Test Results

#### 5MHz

EUT: 2.4GHz 300Mbps 9dBi Outdoor CPE		
M/N: CPE210		
Test date: 2014-04-06	Pressure: 101.4±1.0kpa	Humidity: 53.9±3.0 %
Tested by: Leo-Li	Test site: RF site	Temperature: 21.5±0.6

Cable loss: 1 dB		Attenuator loss: 20 dB		
Test Mode	CH	6dB bandwidth ( MHz )		Limit (KHz)
		J2	J3	
11b	CH1	2.631	2.638	>500
	CH6	2.637	2.620	>500
	CH11	2.627	2.614	>500
11g	CH1	4.130	4.128	>500
	CH6	4.143	4.141	>500
	CH11	4.137	4.137	>500
11n HT20	CH1	4.447	4.452	>500
	CH6	4.455	4.459	>500
	CH11	4.453	4.450	>500

**10MHz**

EUT: 2.4GHz 300Mbps 9dBi Outdoor CPE		
M/N: CPE210		
Test date: 2014-04-06	Pressure: 101.6±1.0kpa	Humidity: 53.8±3.0 %
Tested by: Leo-Li	Test site: RF site	Temperature: 21.7±0.6

Cable loss: 1 dB		Attenuator loss: 20 dB		
Test Mode	CH	6dB bandwidth ( MHz )		Limit (KHz)
		J2	J3	
11b	CH1	5.281	5.163	>500
	CH6	5.185	4.977	>500
	CH11	5.241	5.135	>500
11g	CH1	8.241	8.238	>500
	CH6	8.230	8.240	>500
	CH11	8.234	8.238	>500
11n HT20	CH1	8.843	8.850	>500
	CH6	8.849	8.843	>500
	CH11	8.847	8.852	>500

**20MHz**

EUT: 2.4GHz 300Mbps 9dBi Outdoor CPE		
M/N: CPE210		
Test date:2014-04-06	Pressure: 101.4±1.0kpa	Humidity: 53.7±3.0 %
Tested by:Leo-Li	Test site: RF site	Temperature:22.1±0.6

Cable loss: 1 dB		Attenuator loss: 20 dB		
Test Mode	CH	6dB bandwidth ( MHz )		Limit (KHz)
		J2	J3	
11b	CH1	6.197	6.196	>500
	CH6	6.198	6.198	>500
	CH11	6.201	6.201	>500
11g	CH1	16.52	16.50	>500
	CH6	16.53	16.52	>500
	CH11	16.50	16.50	>500
11n HT20	CH1	17.77	17.76	>500
	CH6	17.76	17.74	>500
	CH11	17.72	17.77	>500

Conclusion : PASS

**40MHz**

EUT: 2.4GHz 300Mbps 9dBi Outdoor CPE		
M/N: CPE210		
Test date:2014-04-06	Pressure: 101.4±1.0kpa	Humidity: 53.7±3.0 %
Tested by:Leo-Li	Test site: RF site	Temperature:22.1±0.6

Cable loss: 1 dB		Attenuator loss: 20 dB		
Test Mode	CH	6dB bandwidth ( MHz )		Limit (KHz)
		J2	J3	
11n HT40	CH1	36.47	36.51	>500
	CH4	36.58	36.47	>500
	CH7	36.50	36.38	>500
Conclusion : PASS				

5MHz Antenna: J2  
 Test Mode: IEEE 802.11b  
 Test CH1: 2412MHz



Test CH6: 2437MHz

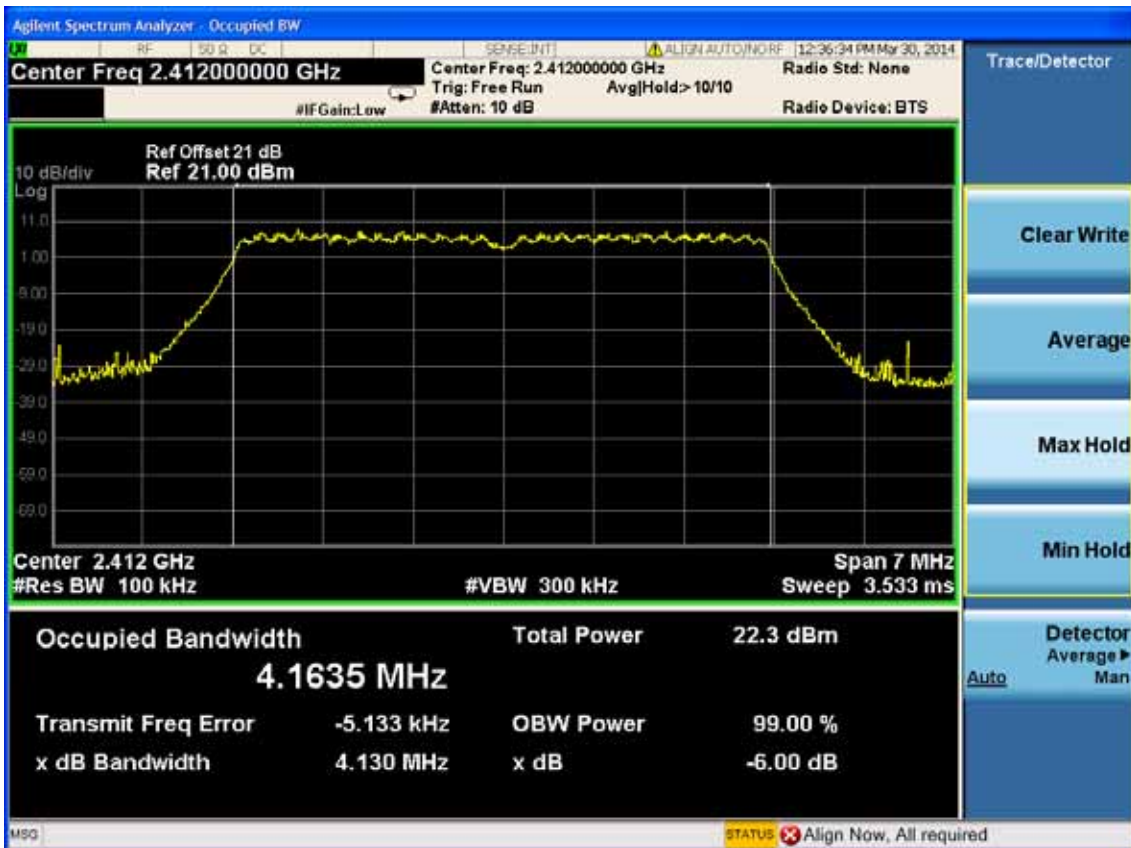


Test CH11: 2462MHz



Test Mode: IEEE 802.11g

Test CH1: 2412MHz





Test CH6: 2437MHz

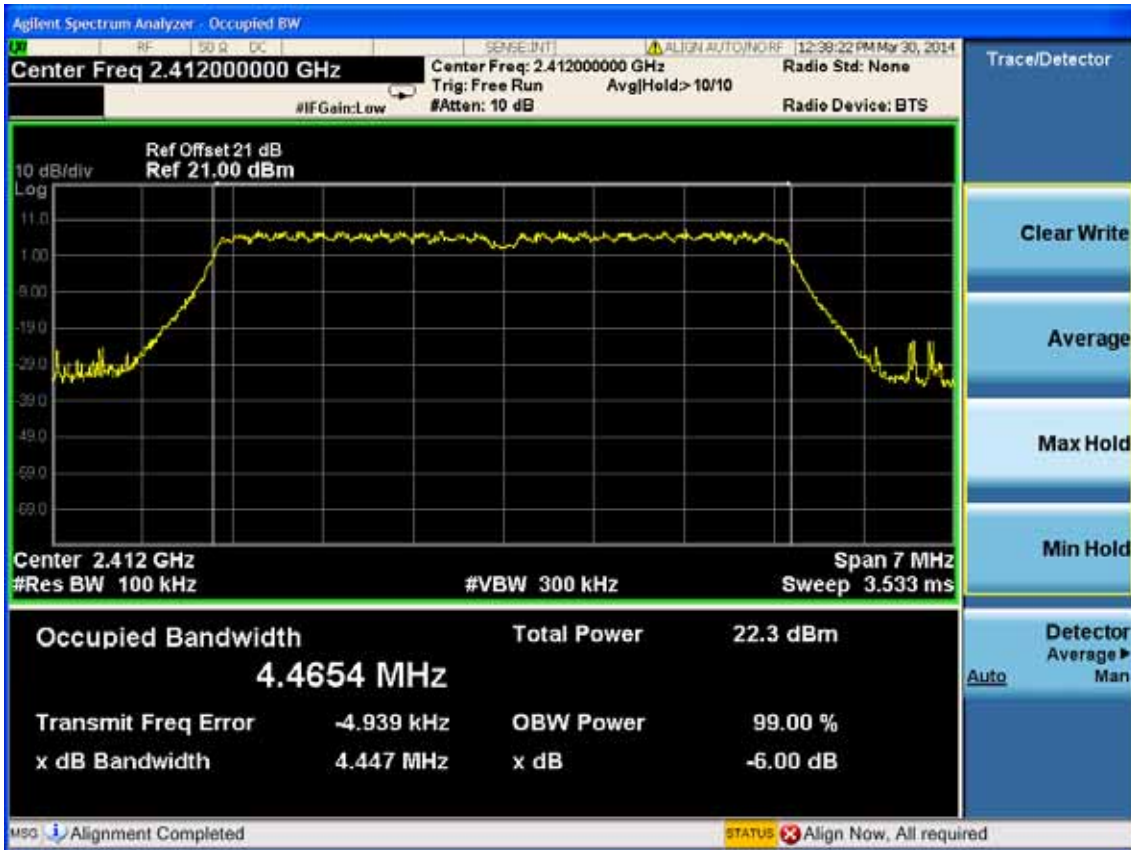


Test CH11: 2462MHz

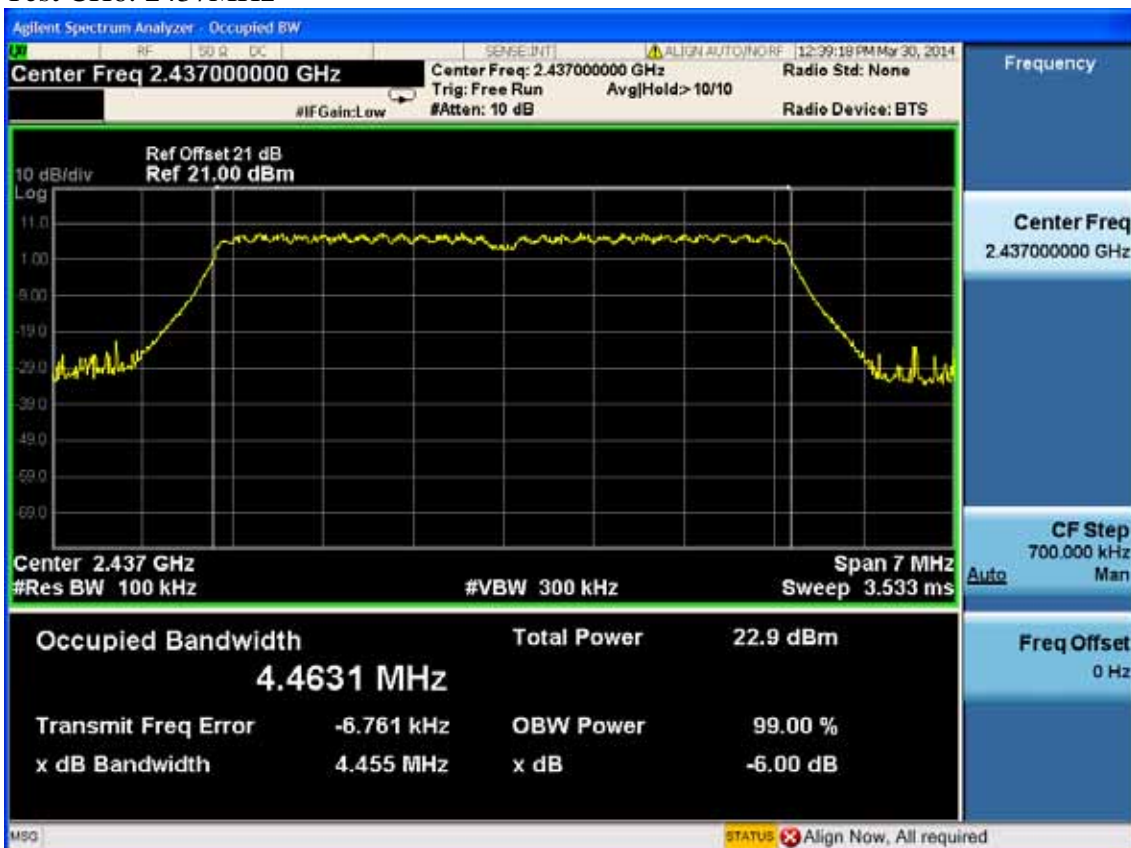


Test Mode: IEEE 802.11n HT20

Test CH1: 2412MHz



Test CH6: 2437MHz



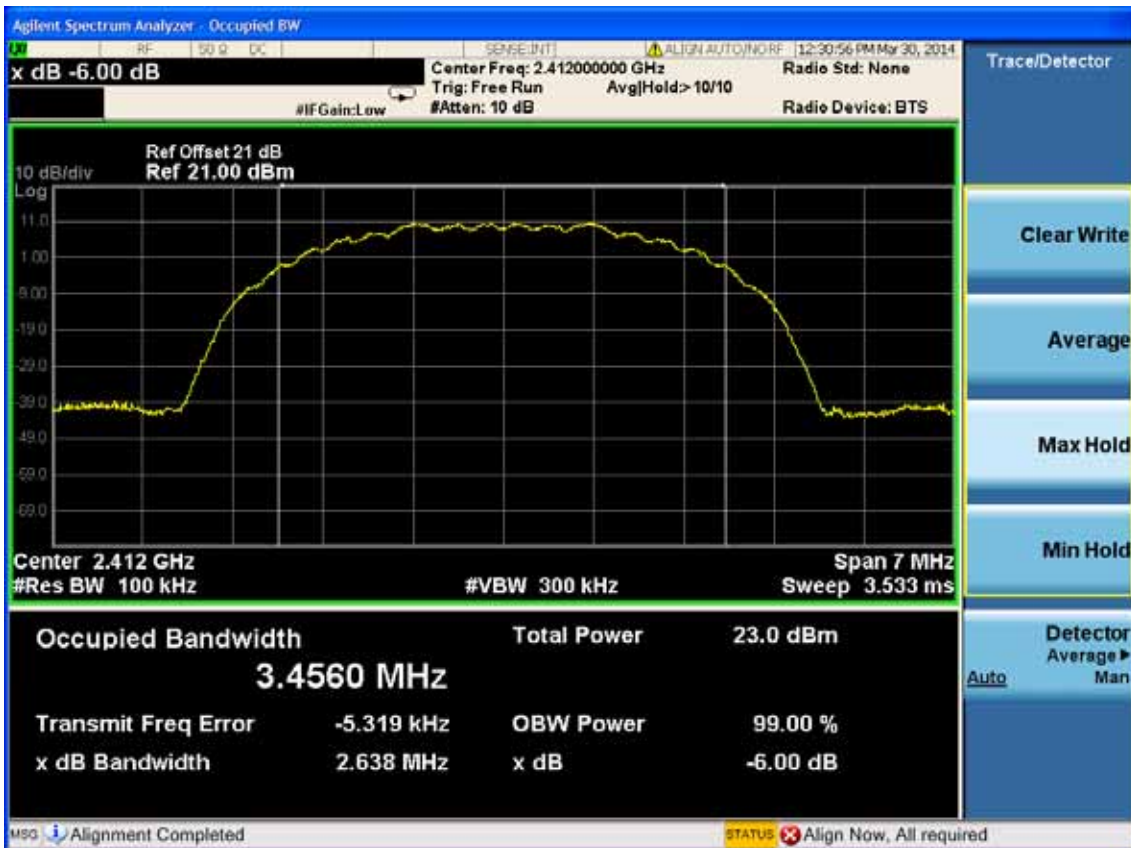
Test CH11: 2462MHz



5MHz Antenna: J3

Test Mode: IEEE 802.11b

Test CH1: 2412MHz





Test CH6: 2437MHz

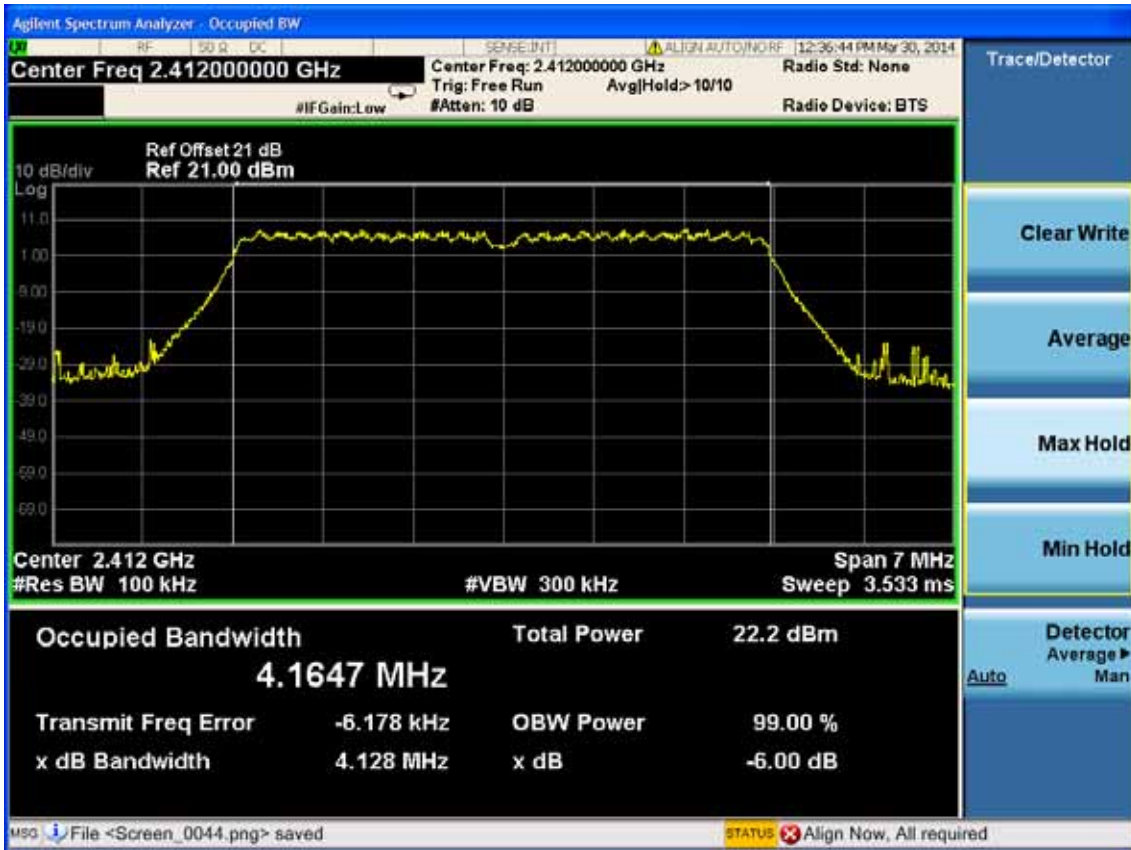


Test CH11: 2462MHz

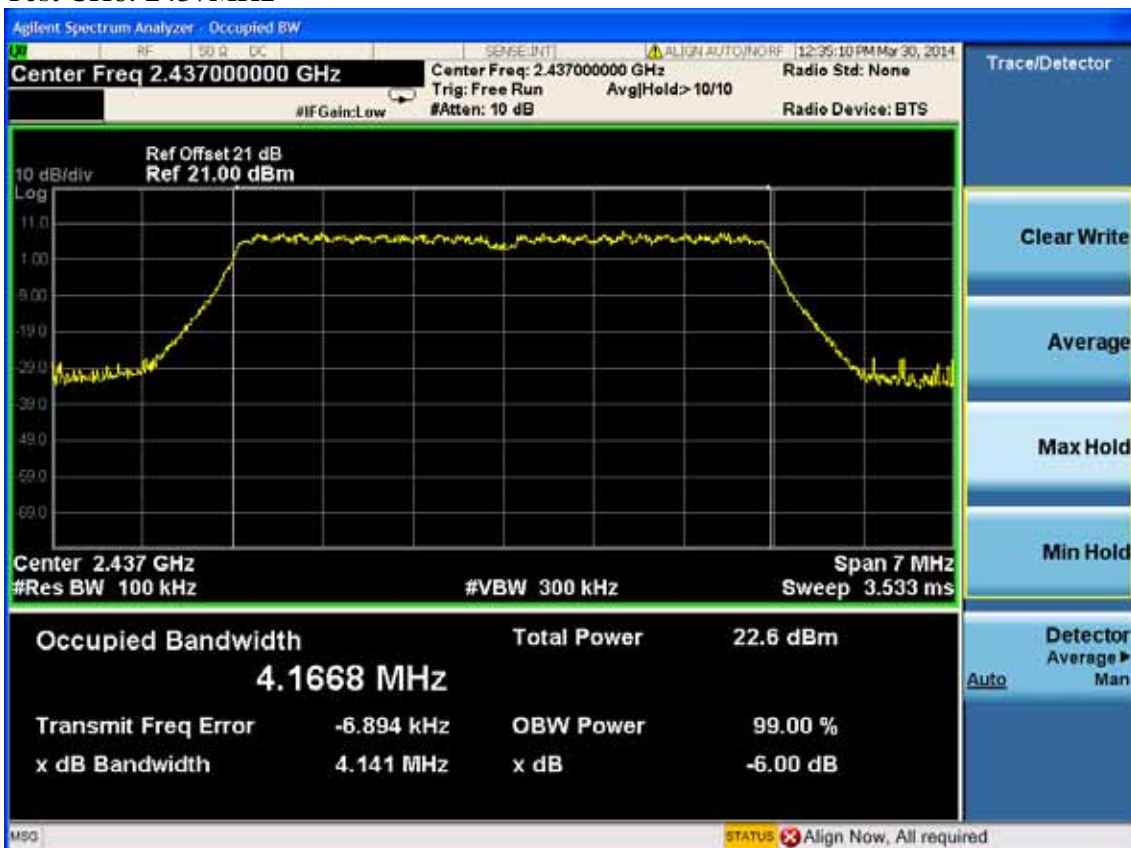


Test Mode: IEEE 802.11g

Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz



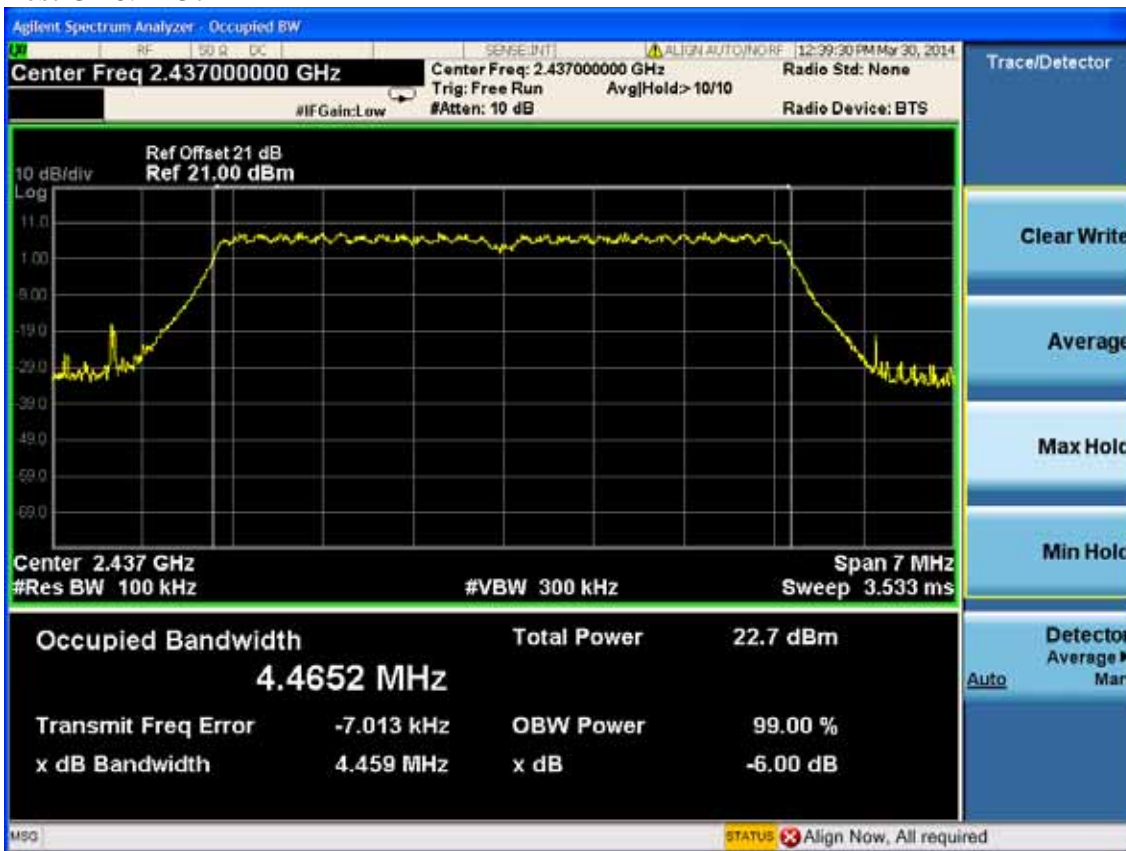
Test Mode: IEEE 802.11n HT20

Test CH1: 2412MHz

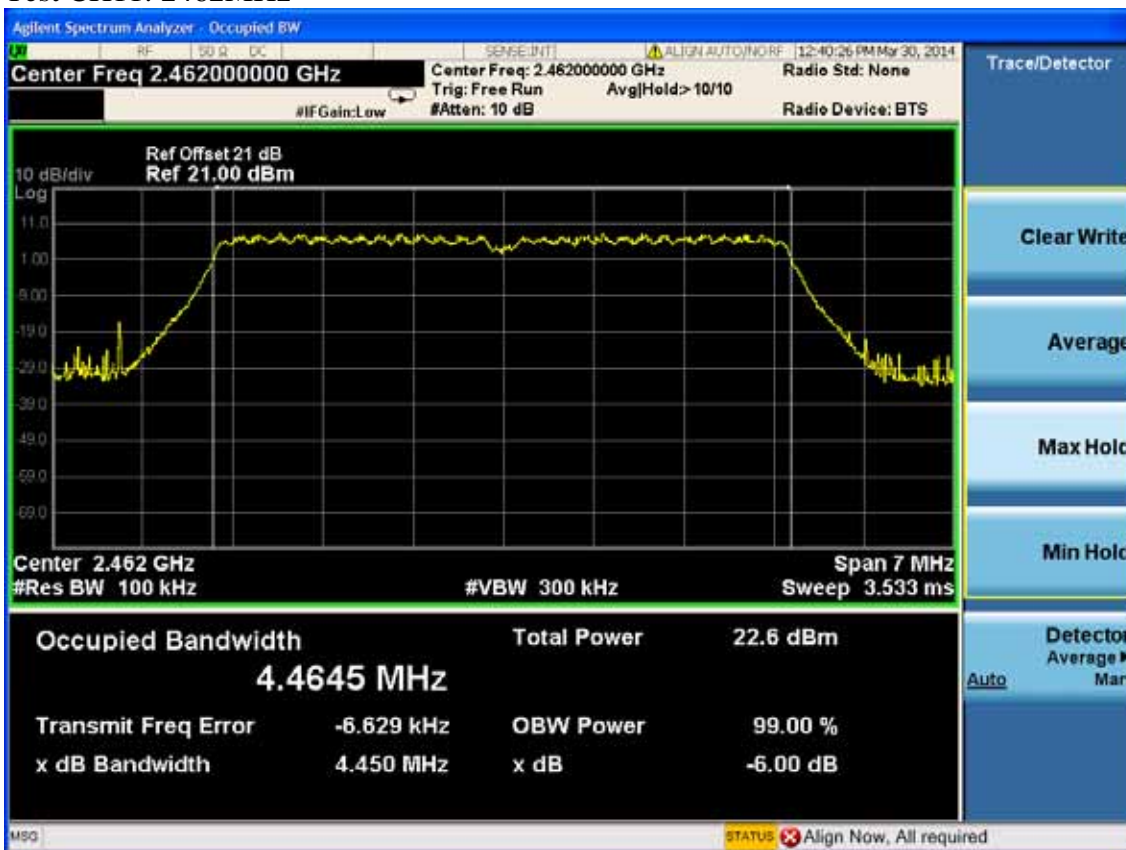




Test CH6: 2437MHz



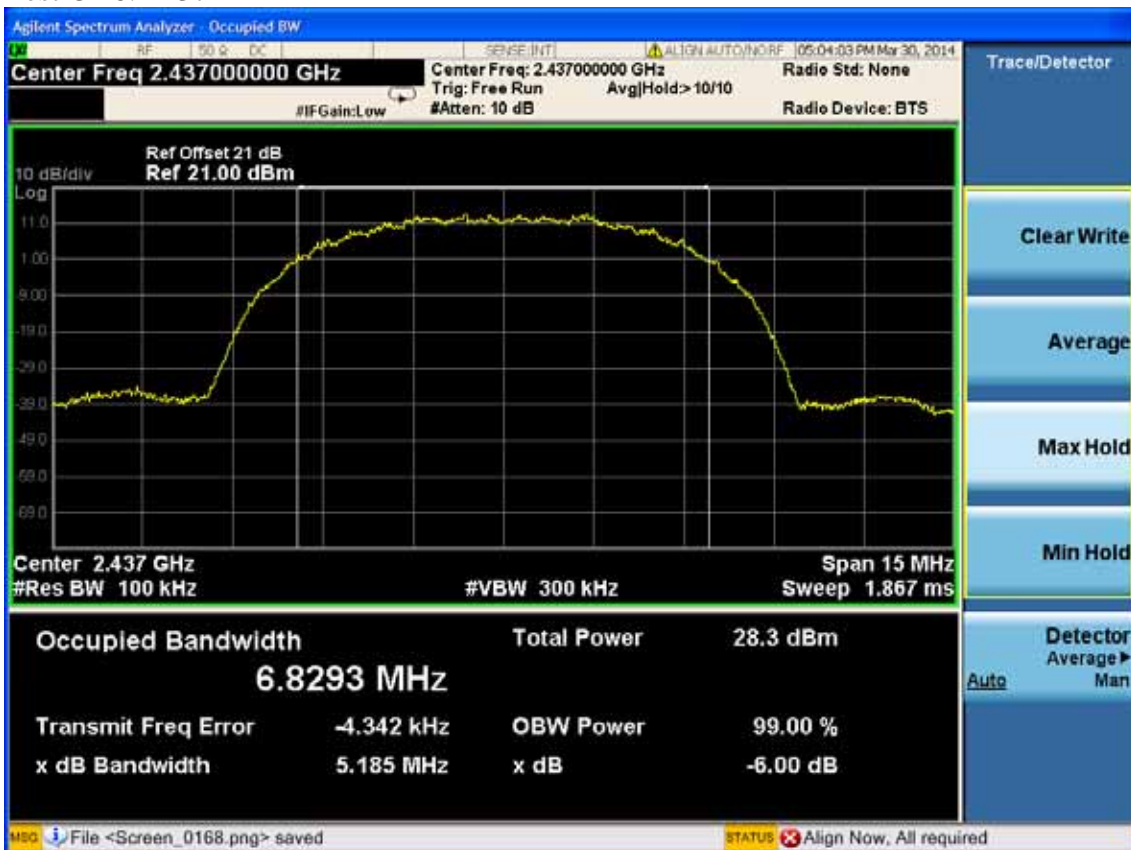
Test CH11: 2462MHz



10MHz Antenna: J2  
 Test Mode: IEEE 802.11b  
 Test CH1: 2412MHz



Test CH6: 2437MHz





Test CH11: 2462MHz



Test Mode: IEEE 802.11g

Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz



Test Mode: IEEE 802.11n HT20

Test CH1: 2412MHz



Test CH6: 2437MHz





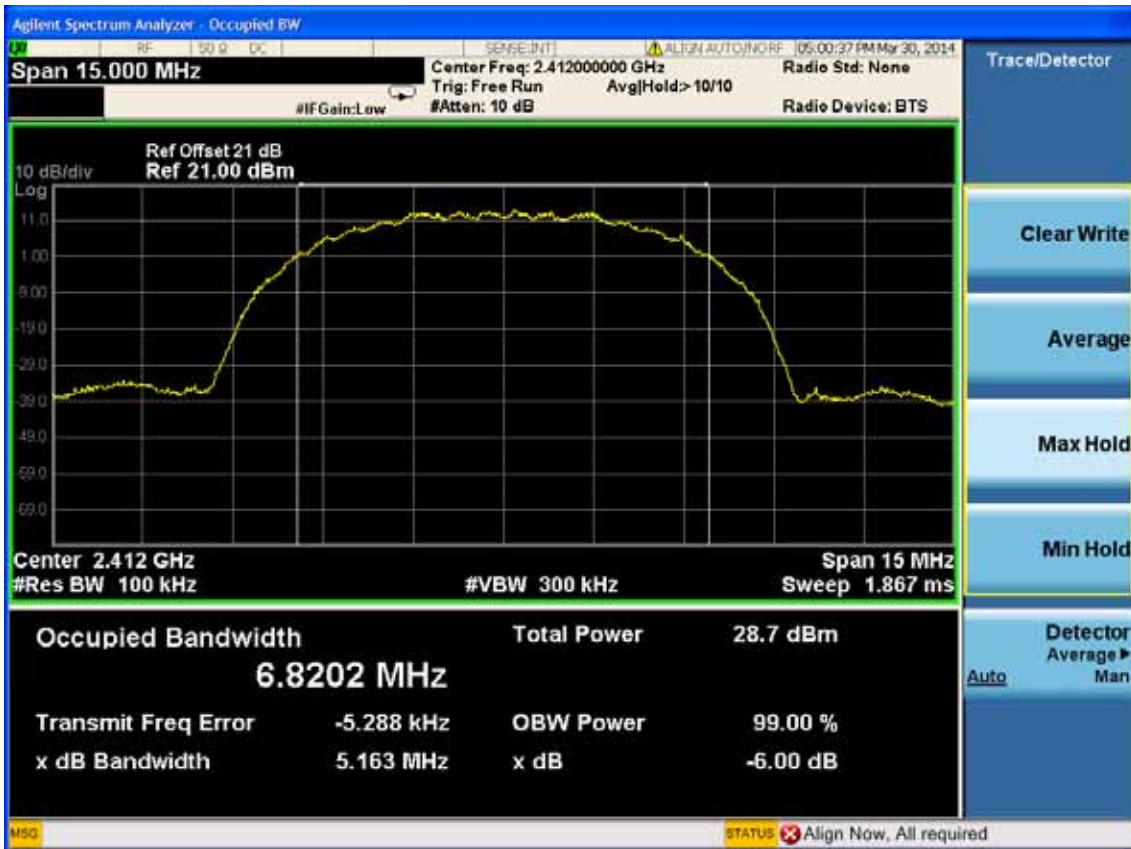
Test CH11: 2462MHz



10MHz Antenna: J3

Test Mode: IEEE 802.11b

Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz

