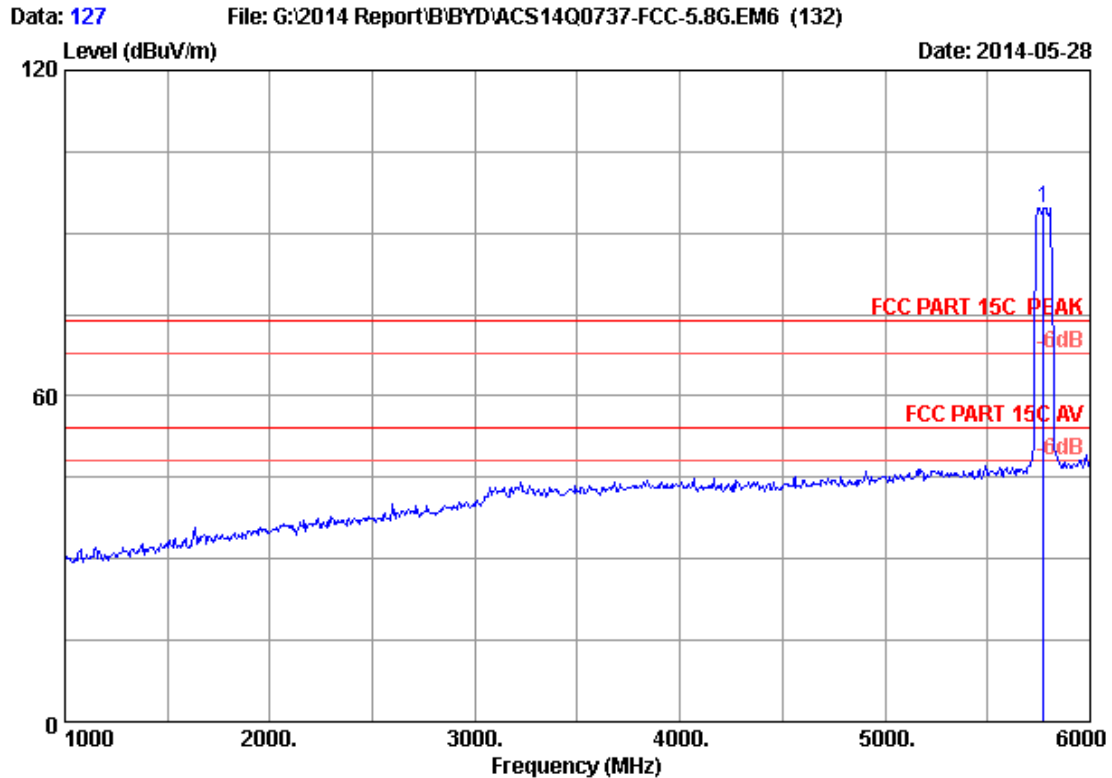
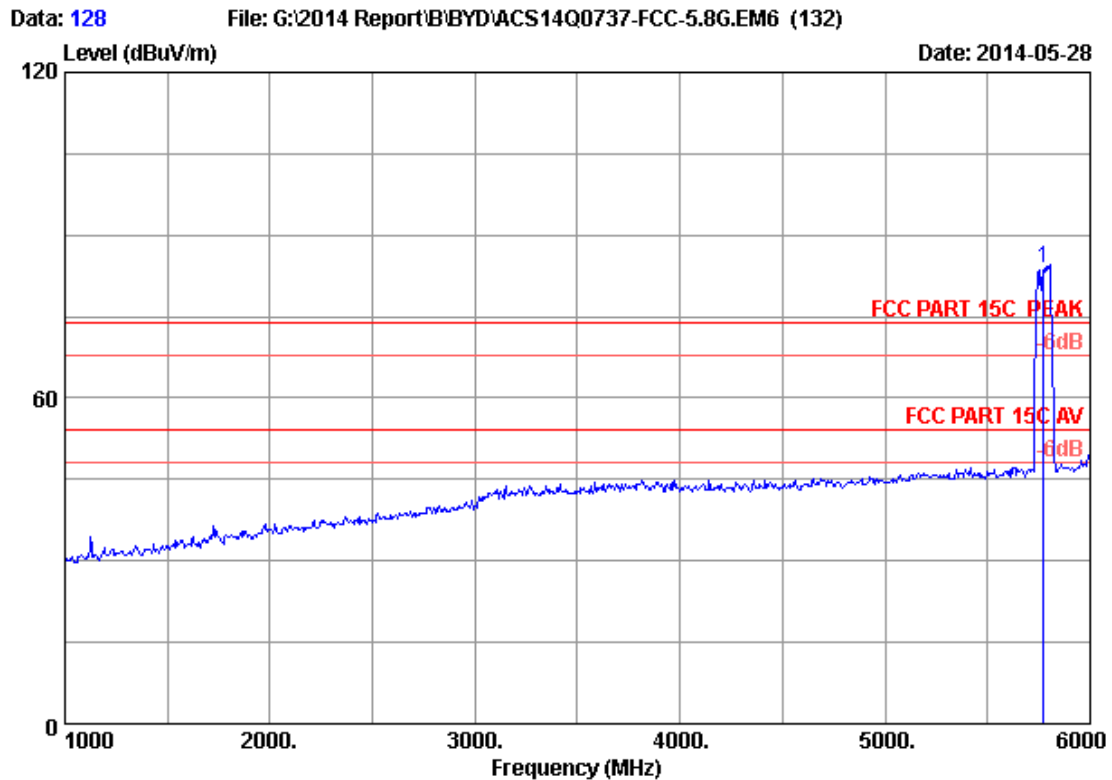




Site no. : 3m Chamber Data no. : 127
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : BEL01

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	5775.000	34.11	9.58	35.70	86.75	94.74	74.00	-20.74	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. : 128
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : BEL01

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	5775.000	34.11	9.58	35.70	75.82	83.81	74.00	-9.81	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.

5. CONDUCTED SPURIOUS EMISSIONS

5.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E7403A	MY42000106	Apr. 28,14	1 Year
2.	Matching Transformer	Anritsu	MP614A	NO.2	NCR	NCR
3.	TV SG	Philip	PM5418	LO625020	Apr. 28,14	1 Year

5.2. Limit

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

5.3. Test Procedure

The transmitter output was connected to a spectrum analyzer, The resolution bandwidth is set to 100 kHz, The video bandwidth is set to 300 kHz and measure all the emissions detected.

Note:

The frequency range from 30MHz to 10th harmonic (40GHz) are checked. and no any emissions were found from 25GHz to 40 GHz, So the conducted spurious emissions from 25GHz to 40GHz were not record.

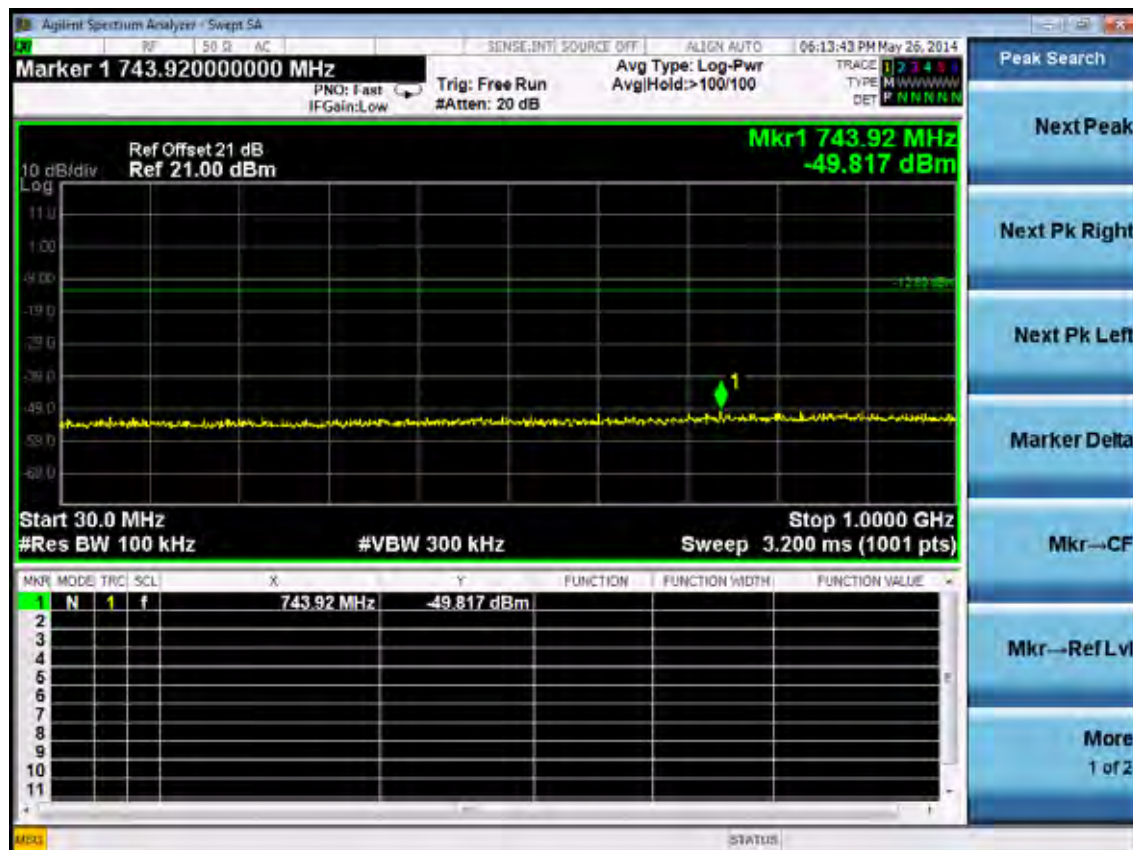
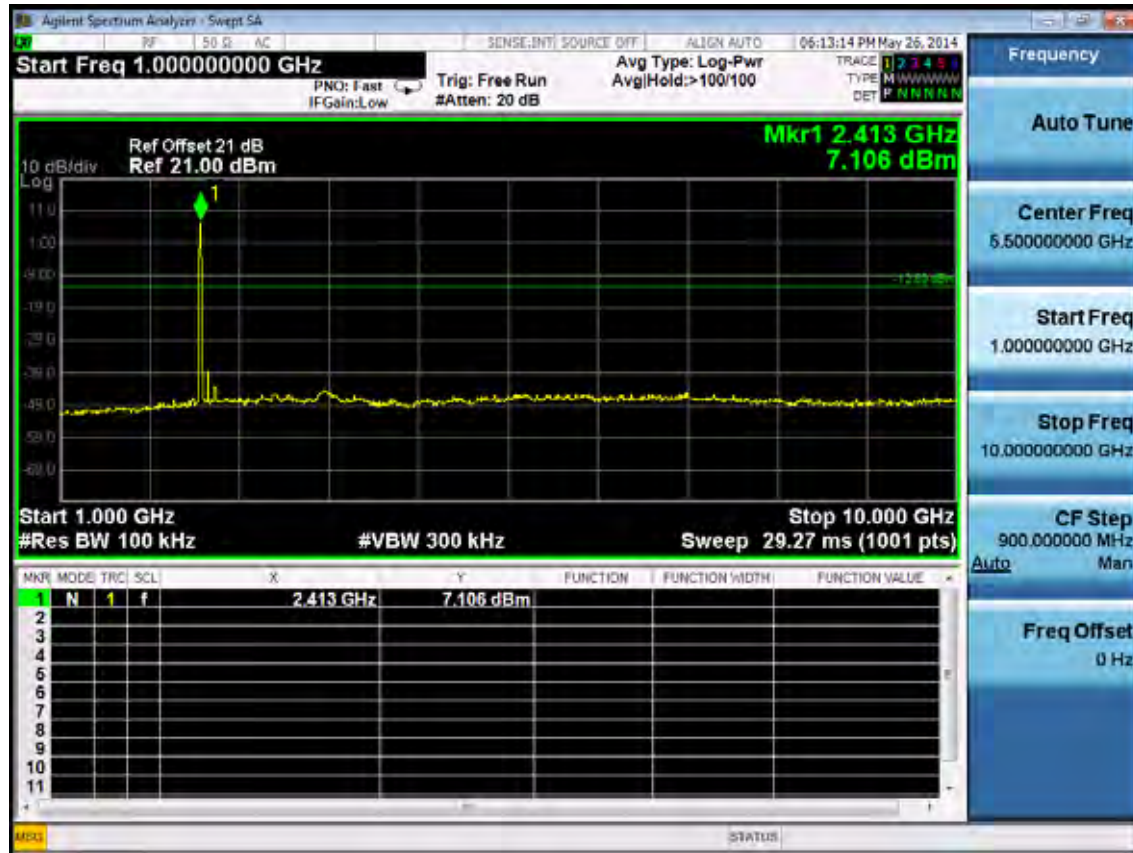
5.4. Test result

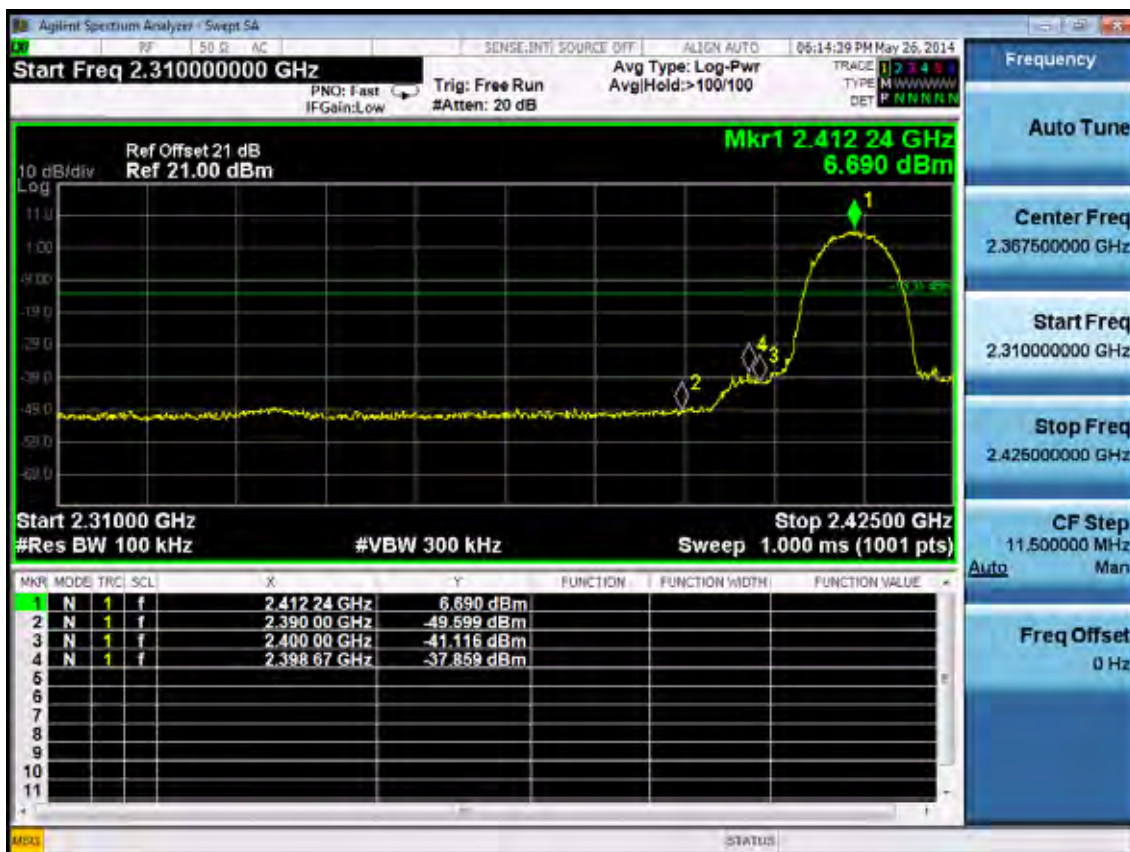
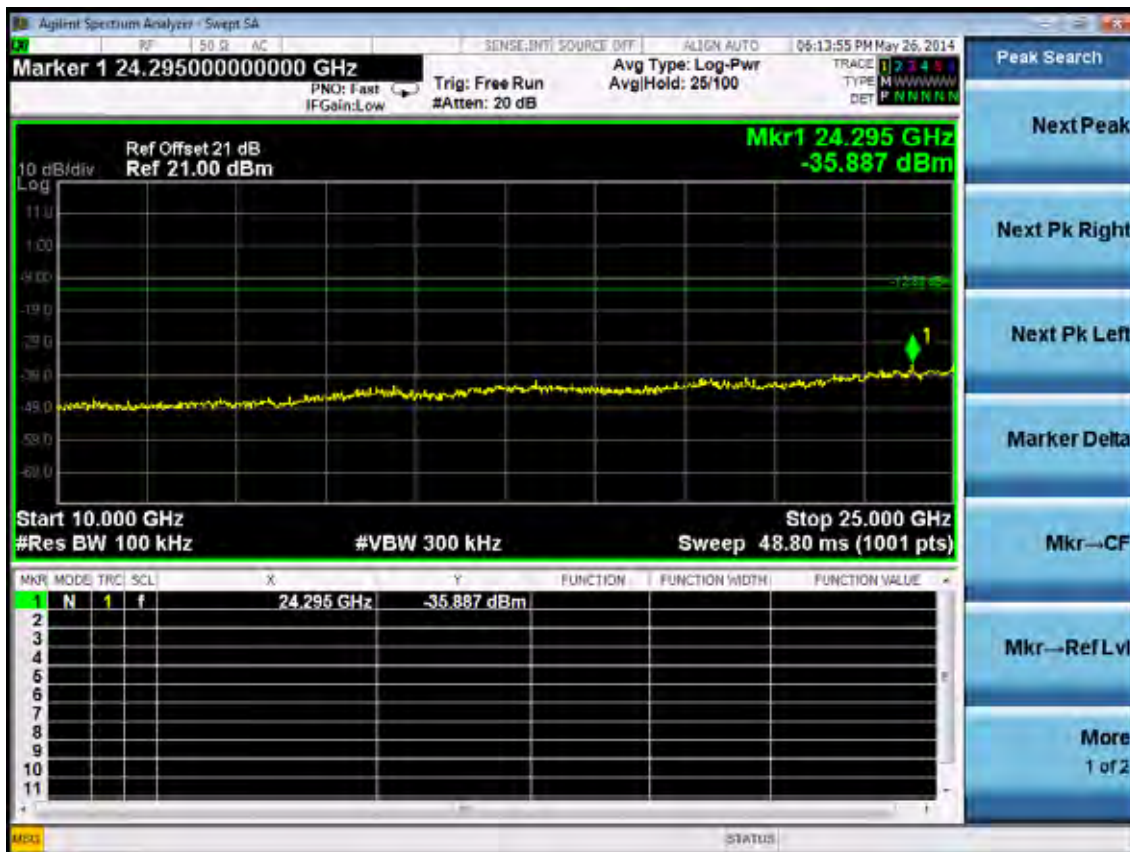
PASS (The testing data was attached in the next pages.)

2.4G:

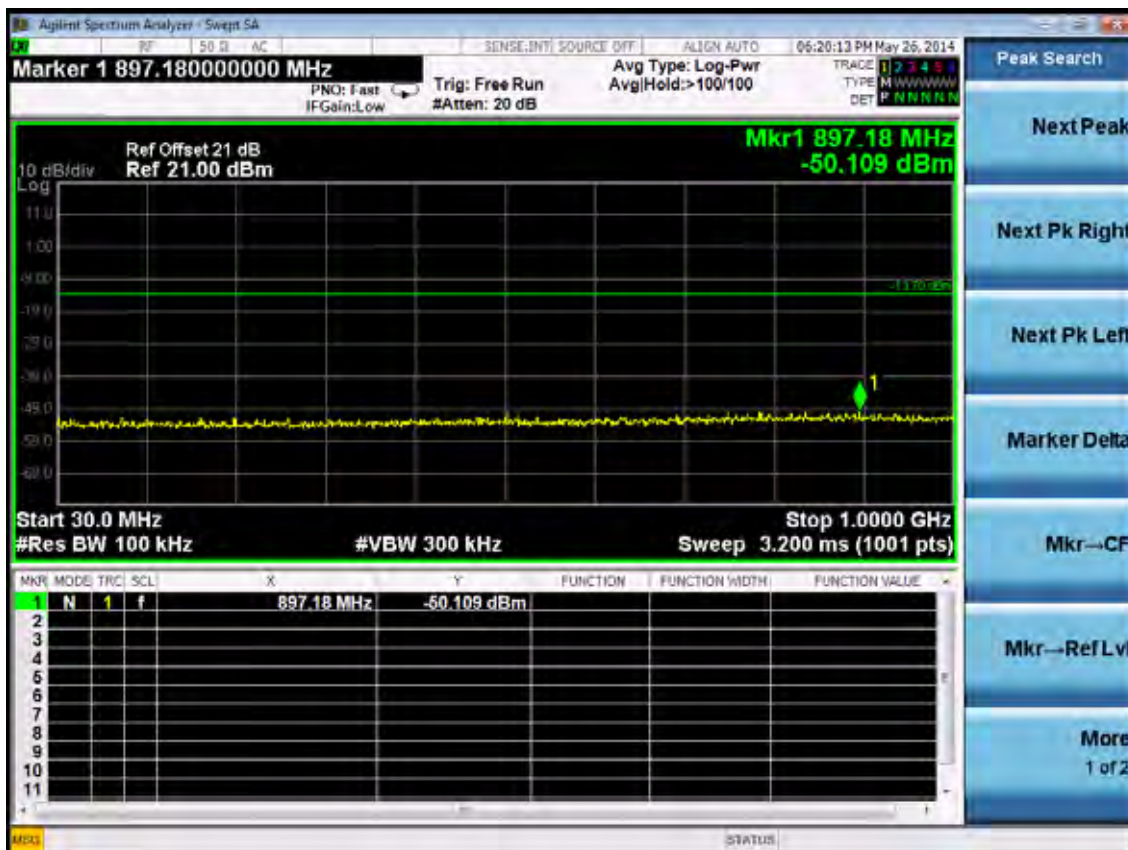
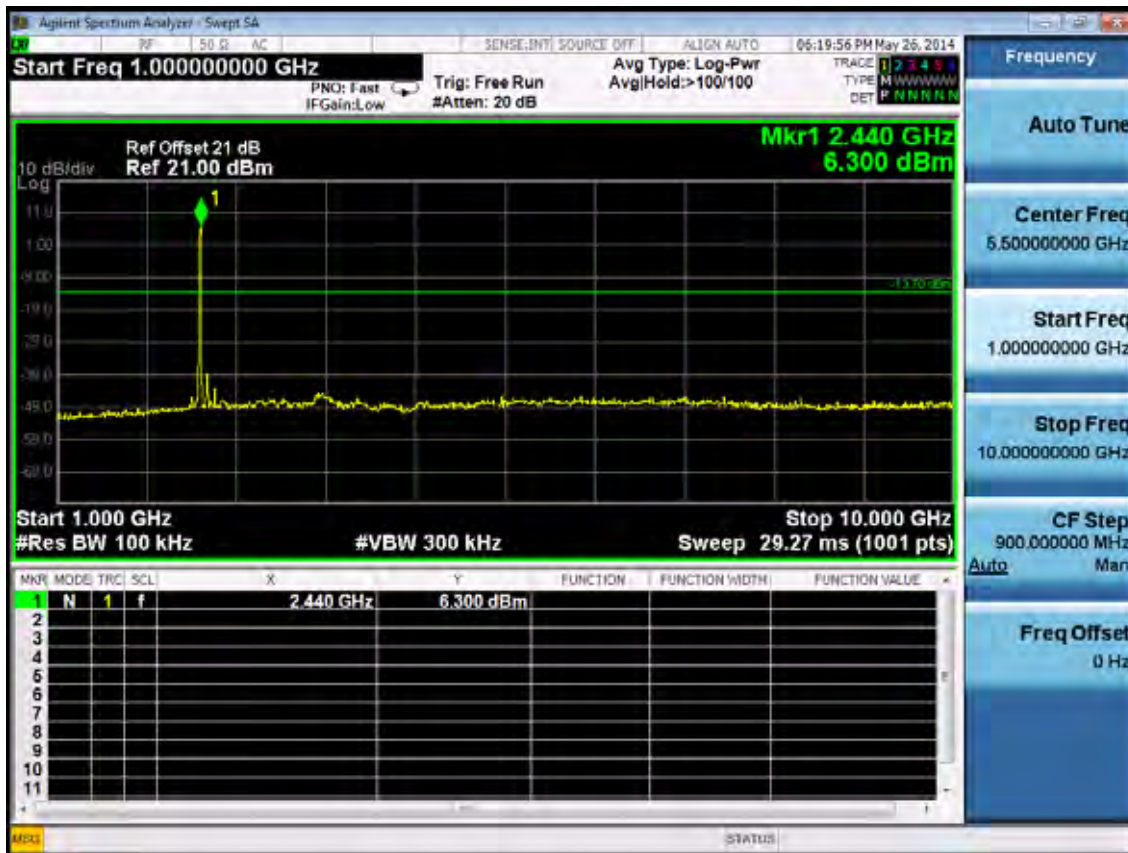
Test Mode: IEEE 802.11b TX

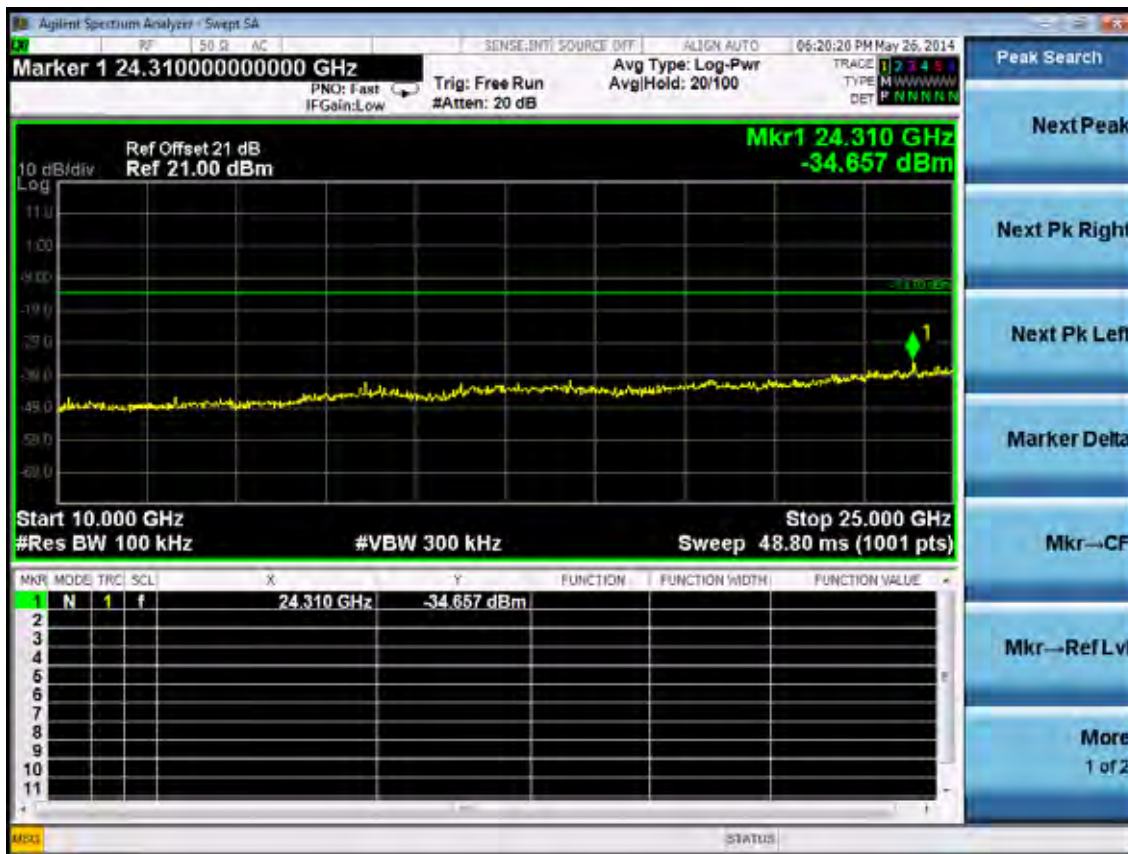
Test CH1: 2412MHz





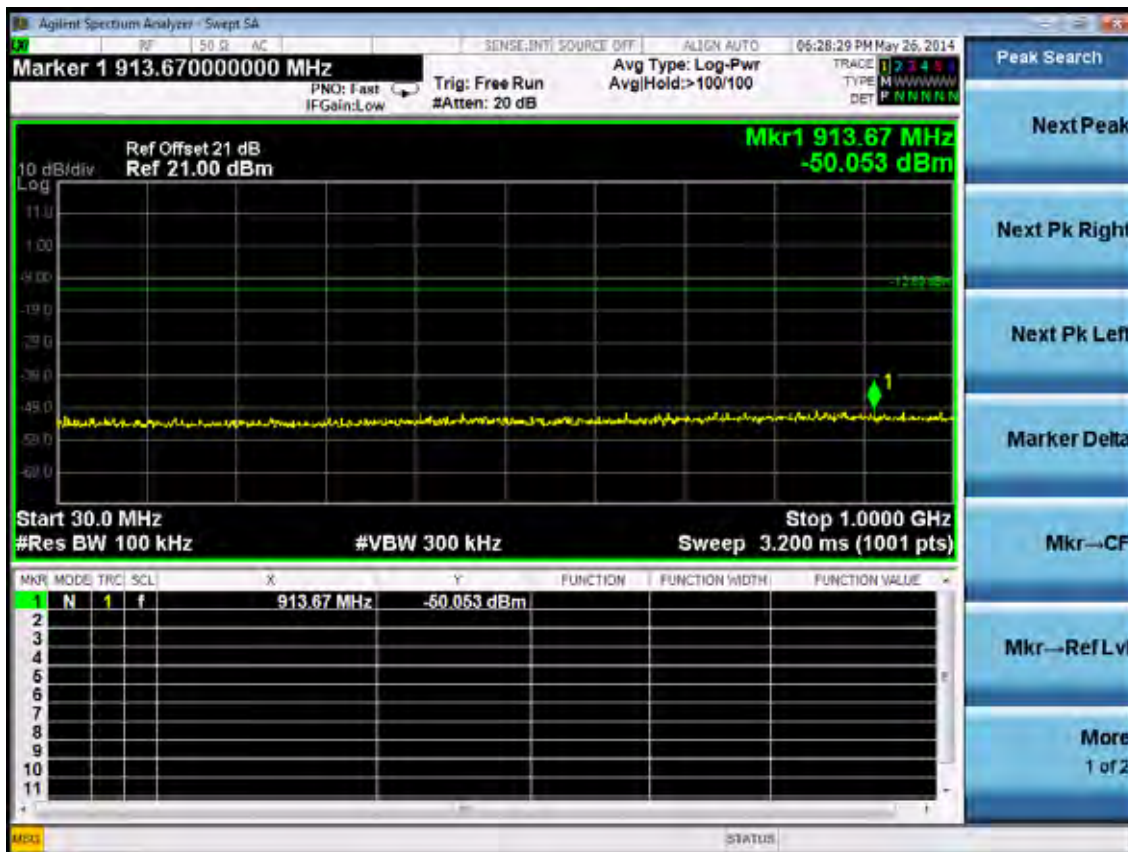
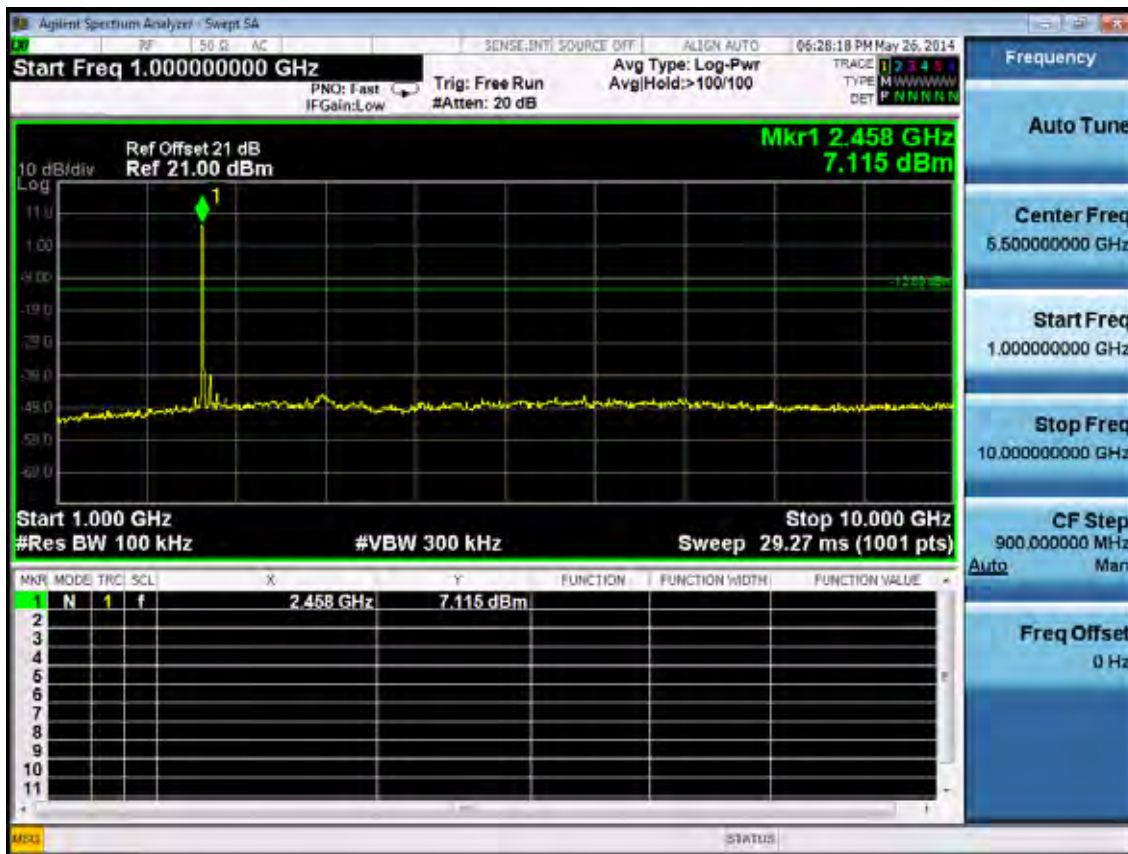
Test CH6: 2437MHz

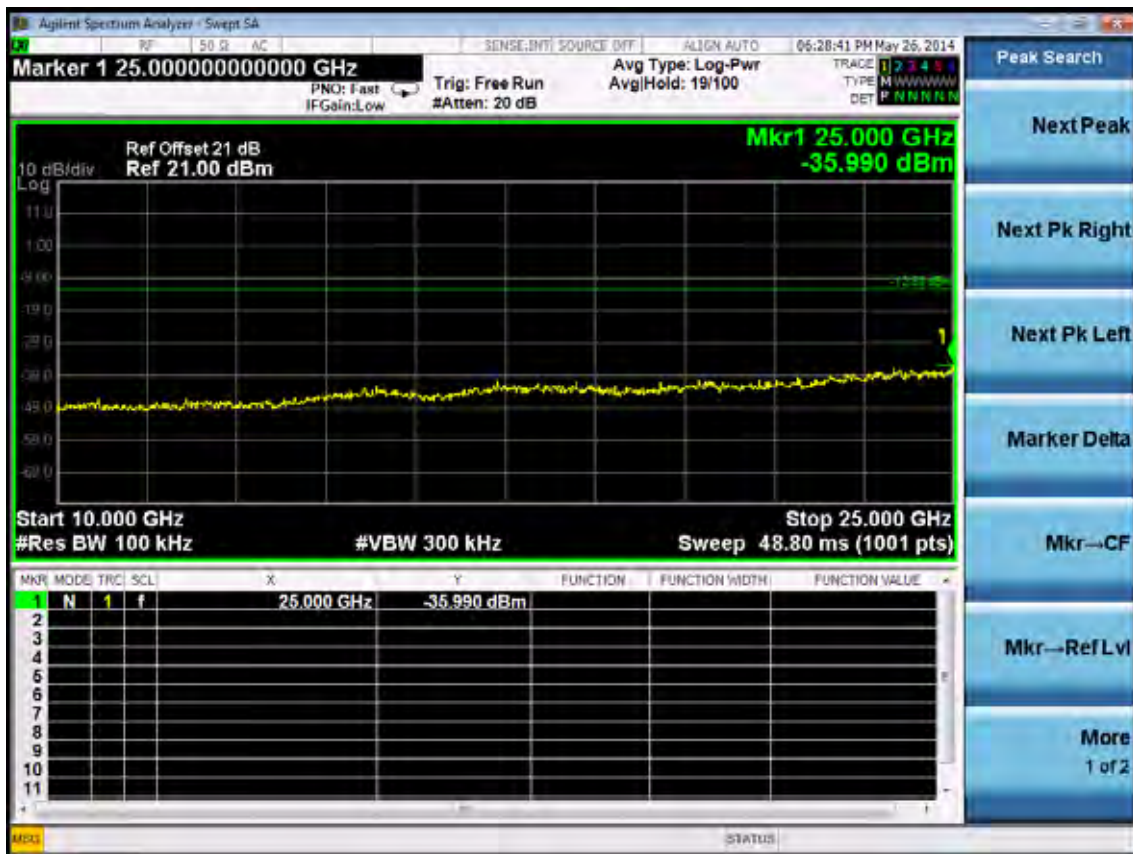




Test CH11: 2462MHz

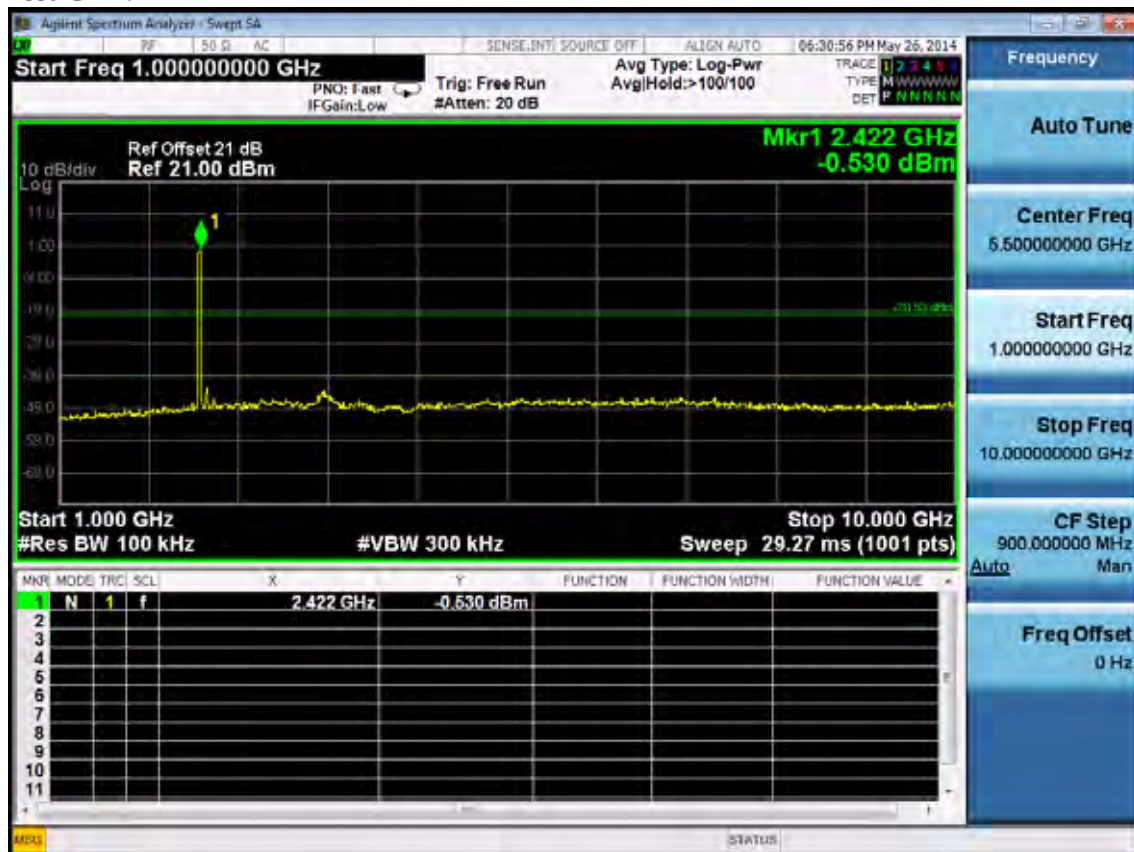


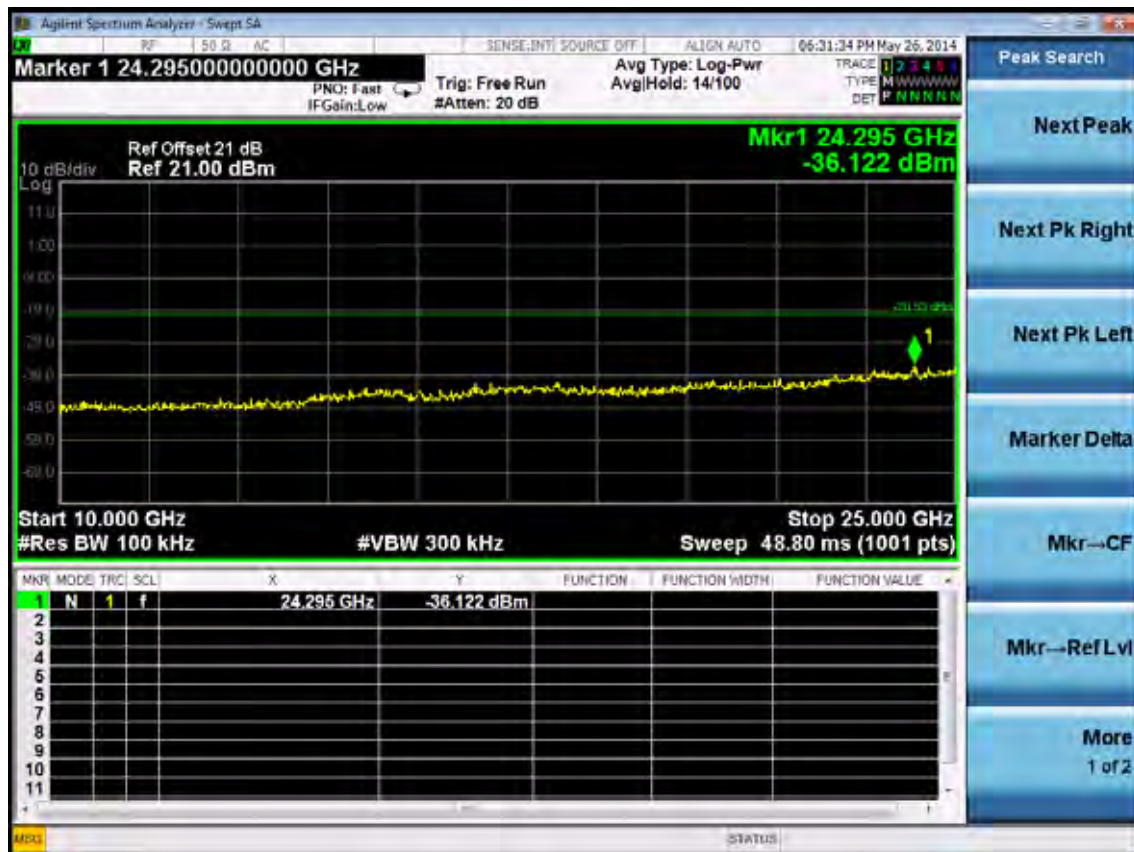
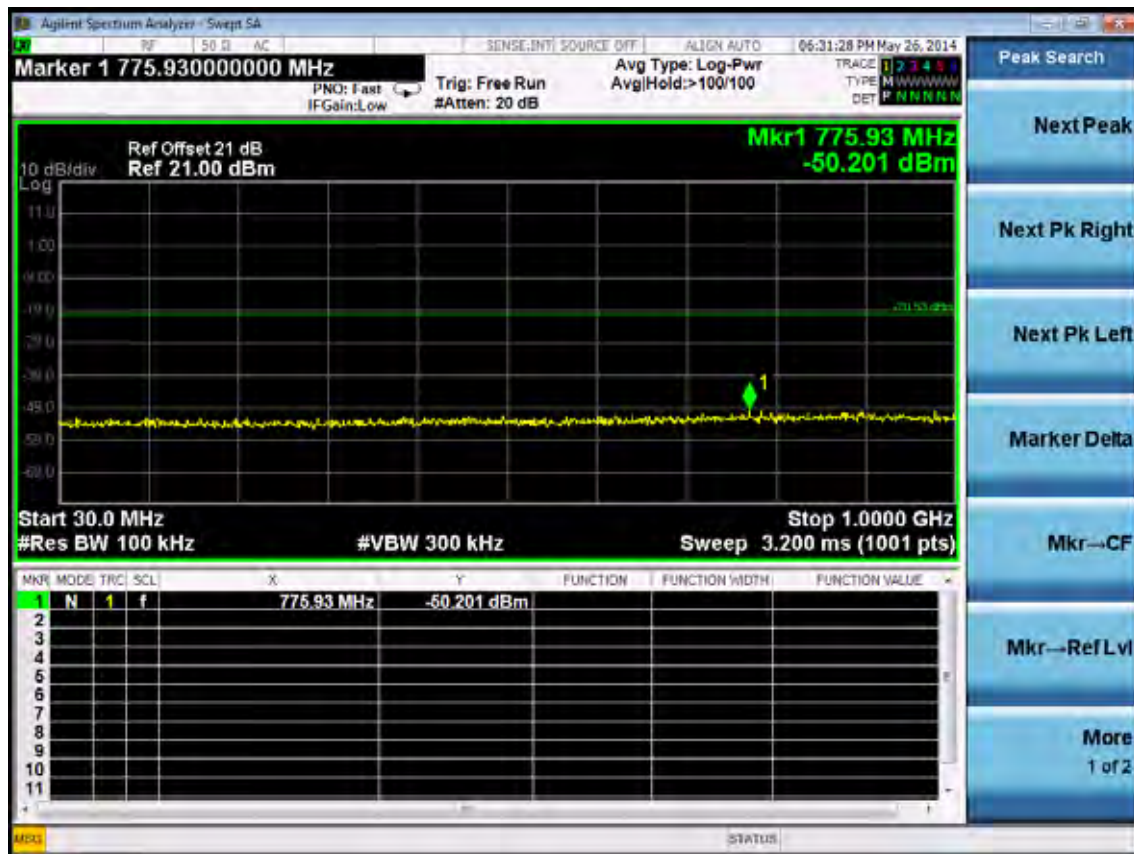


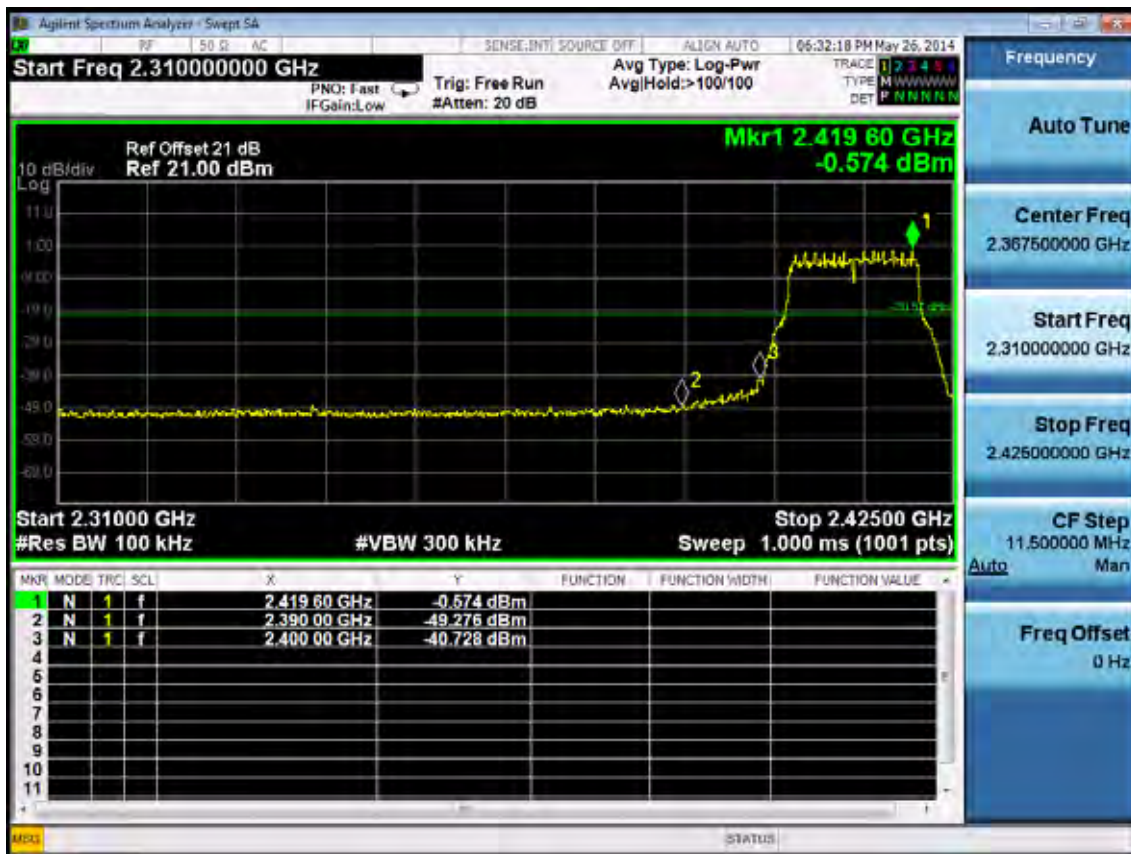


Test Mode: IEEE 802.11g TX

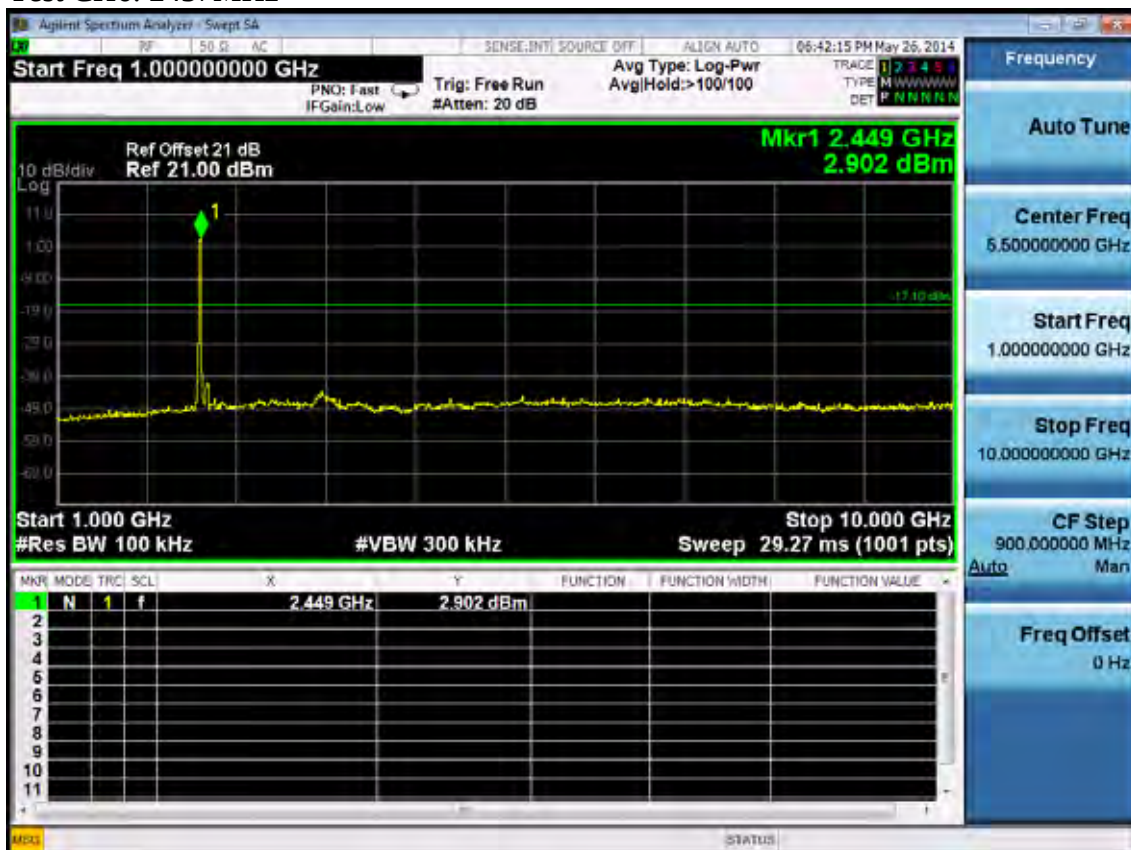
Test CH1: 2412MHz

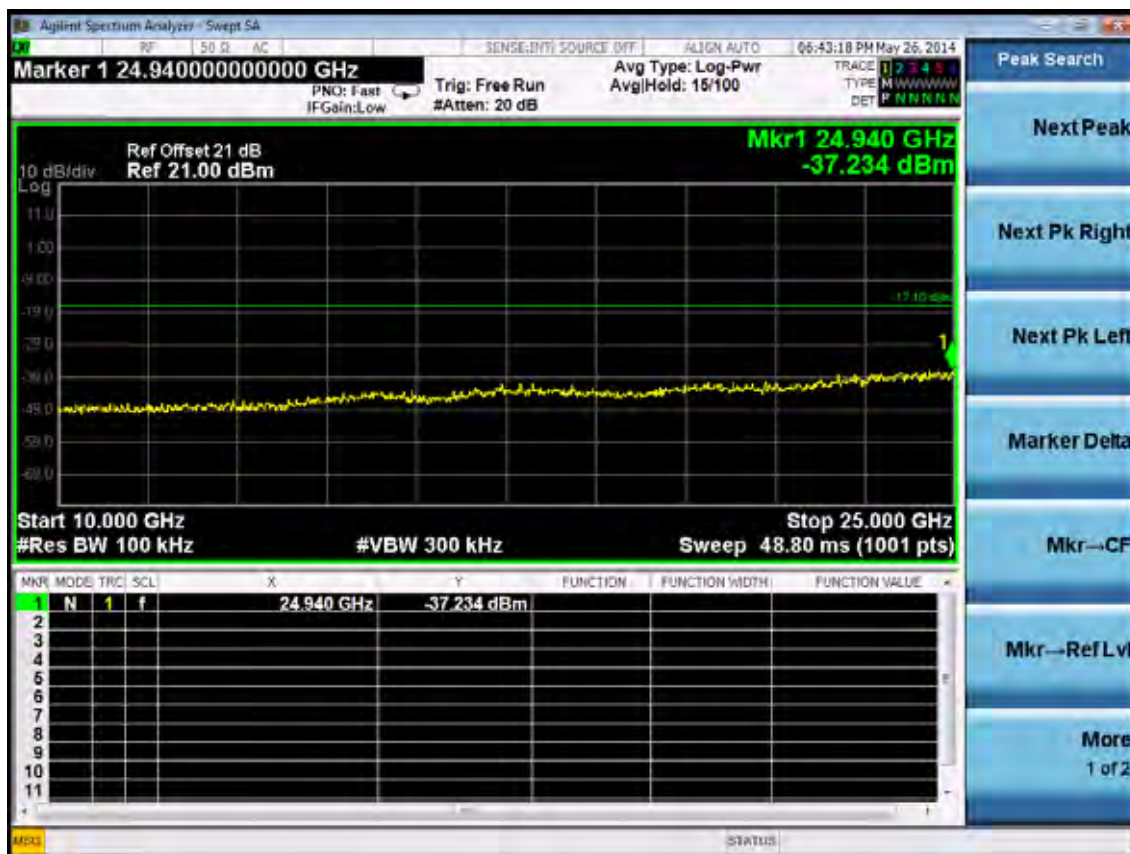
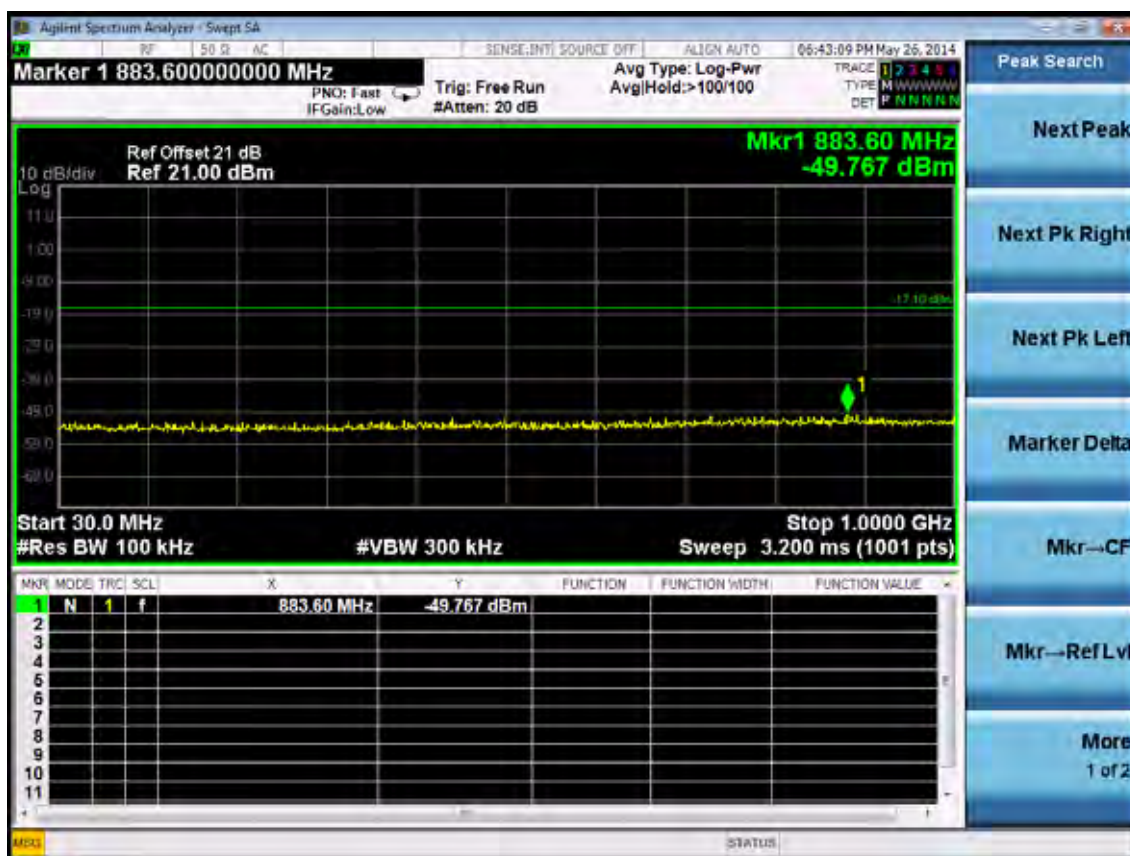




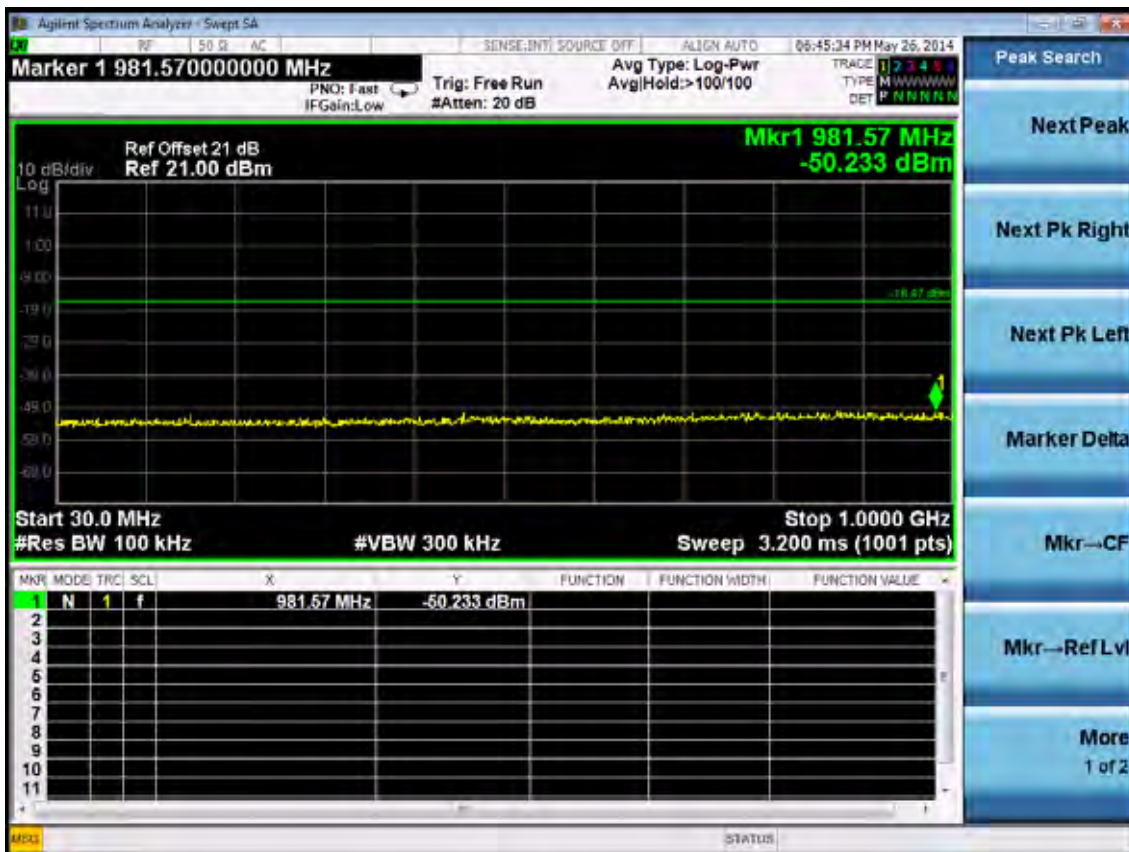
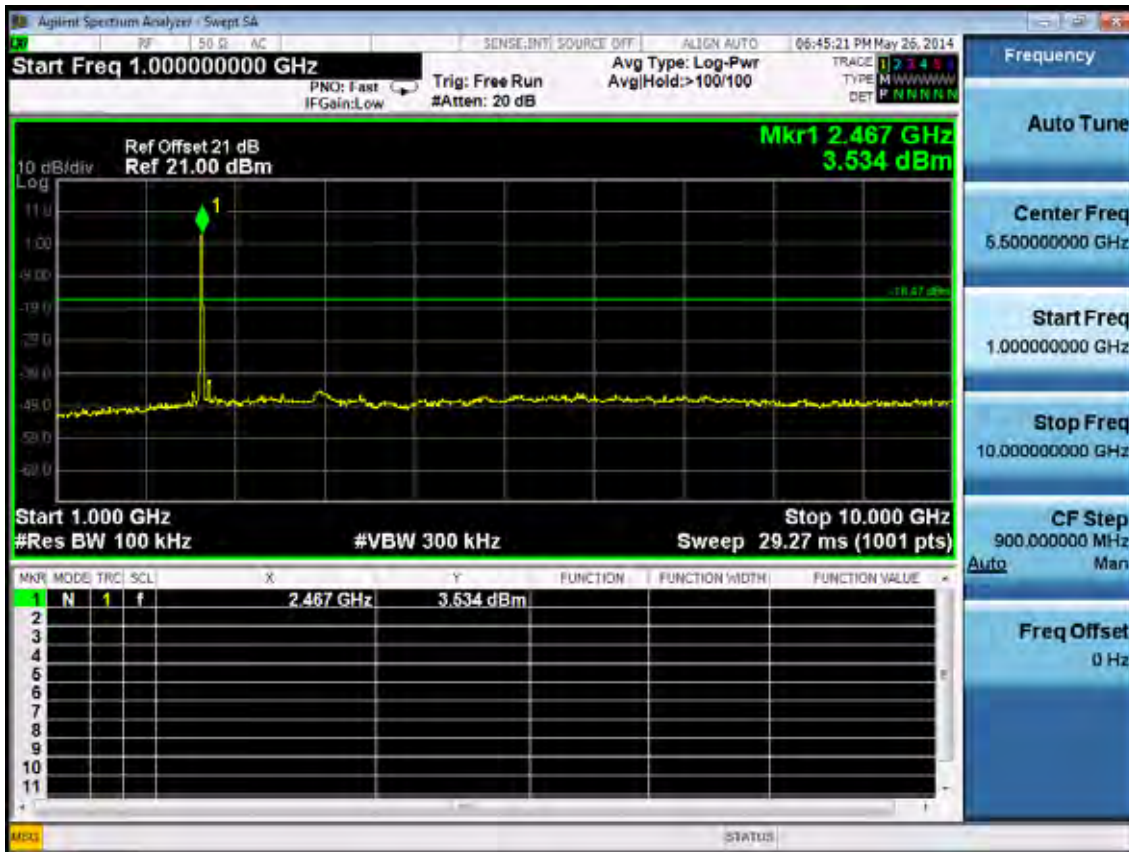


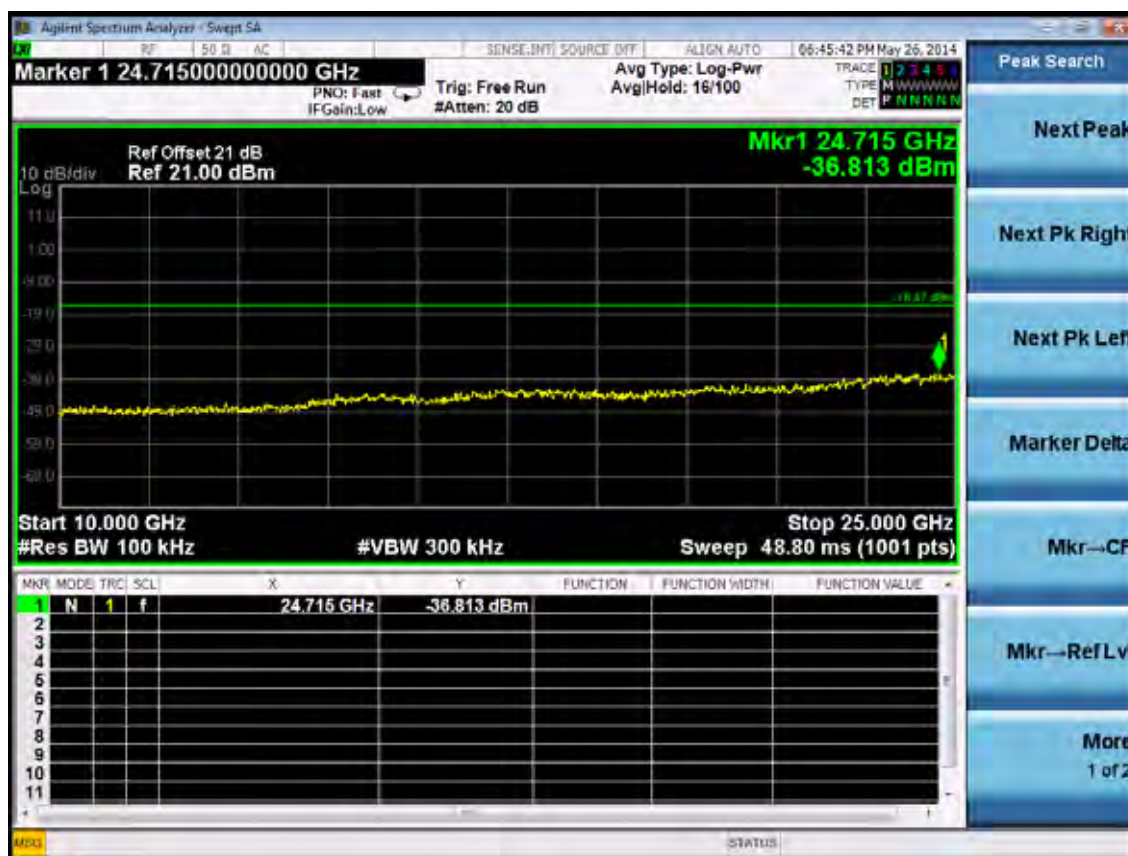
Test CH6: 2437MHz



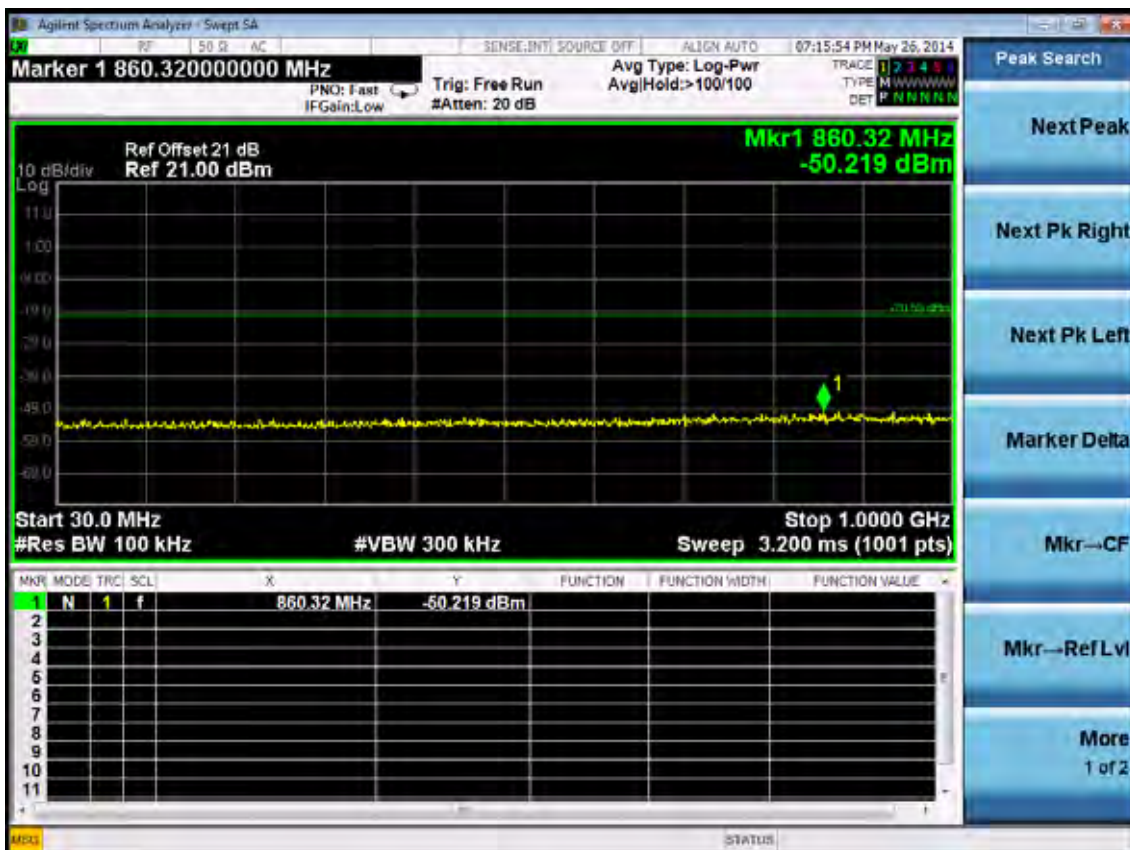
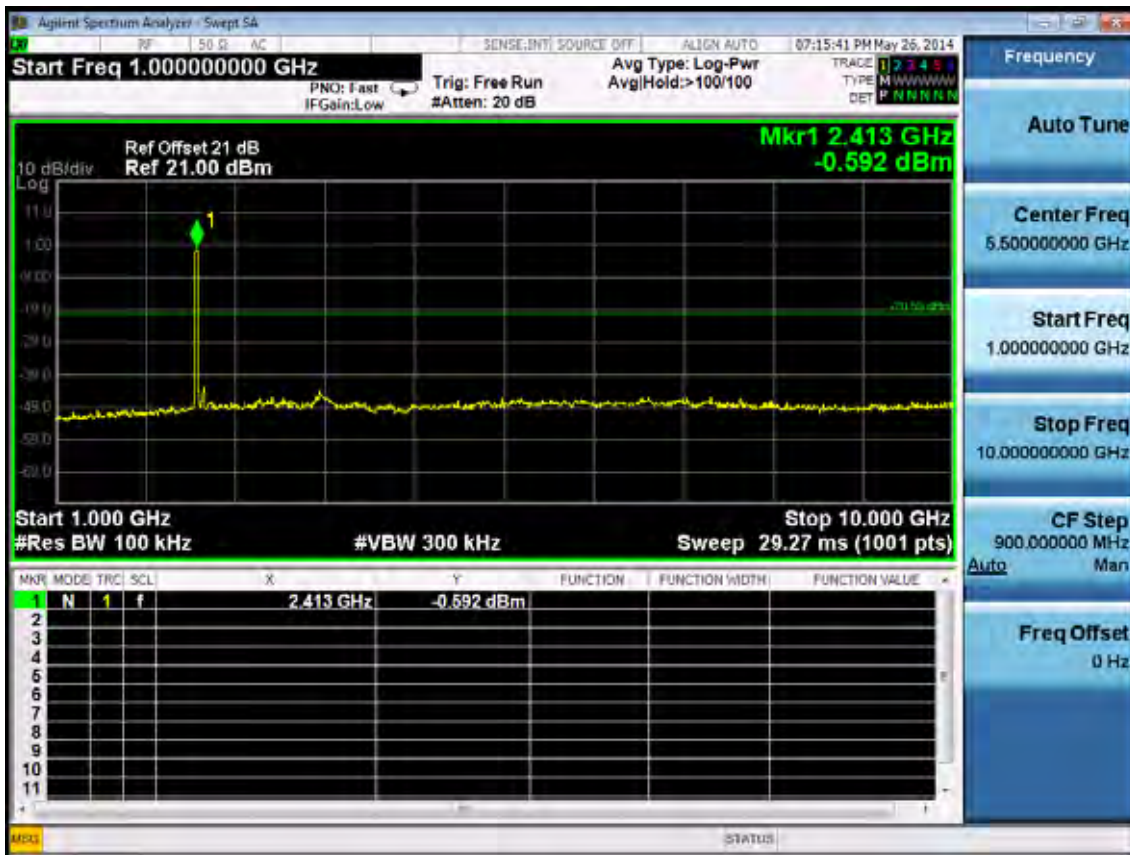


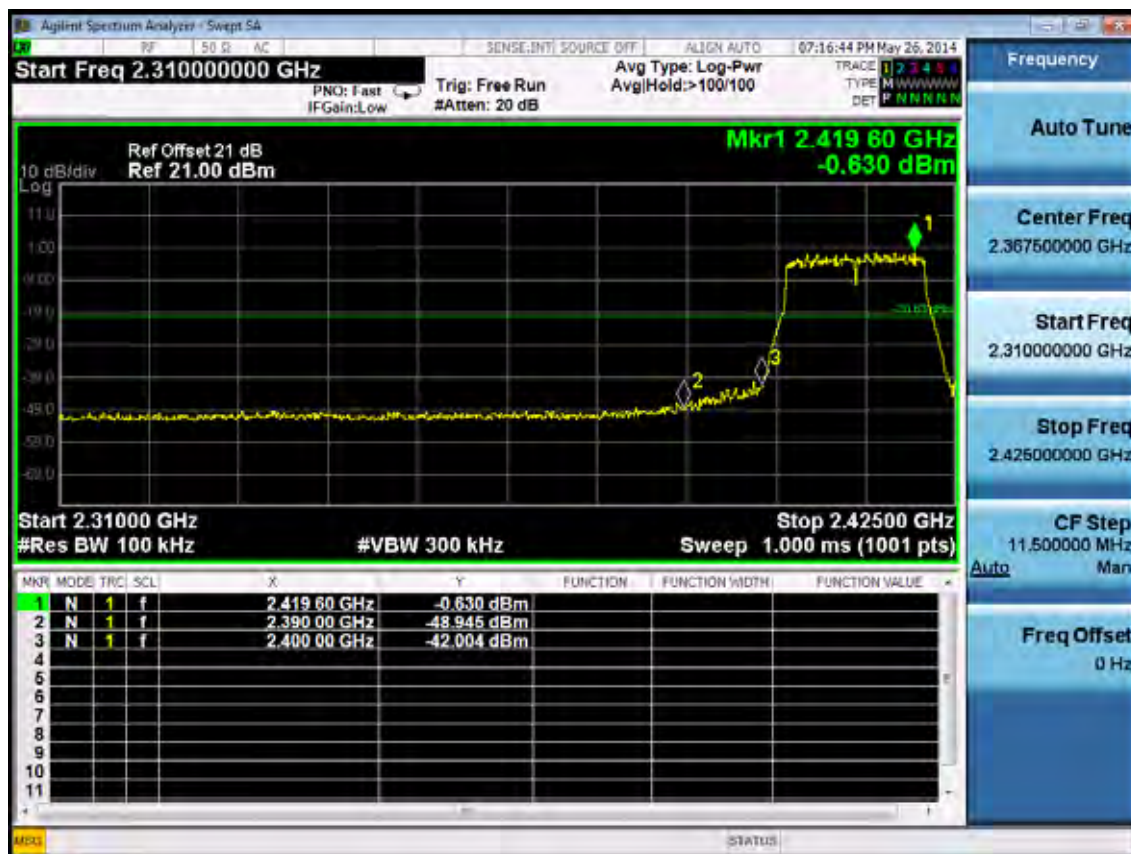
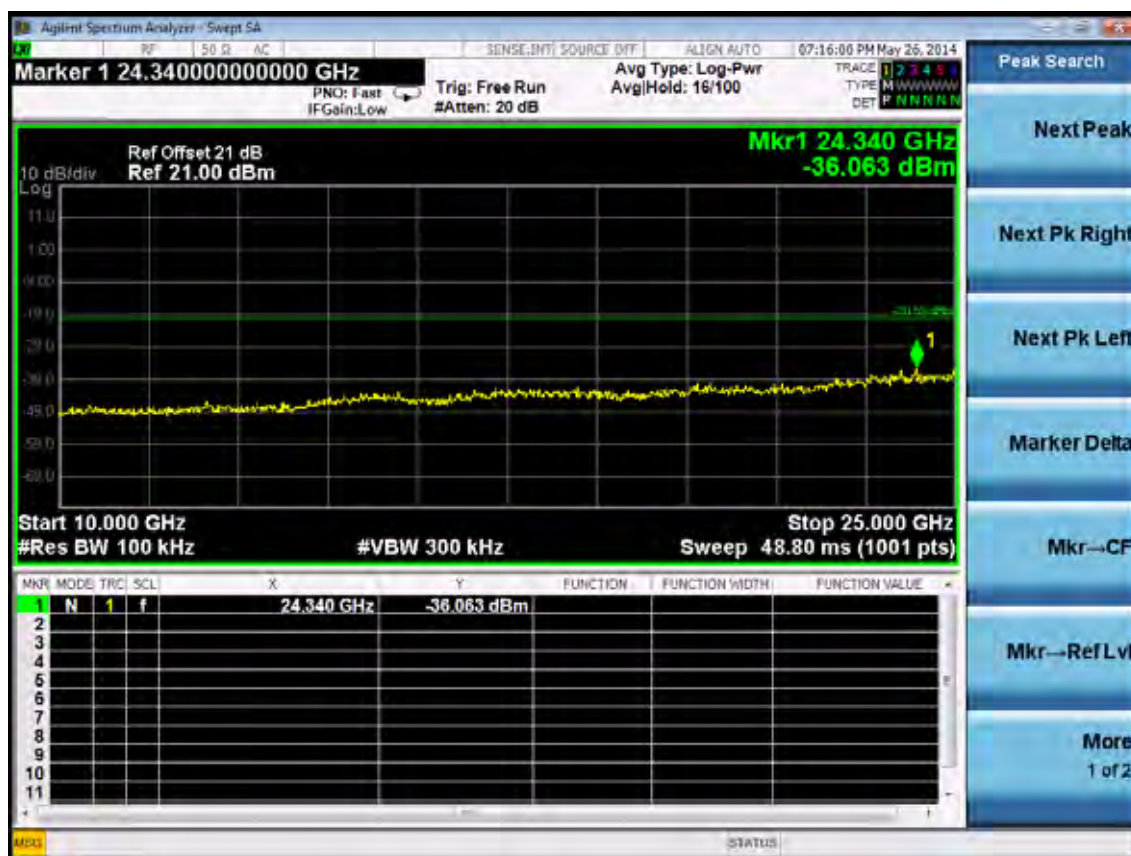
Test CH11: 2462MHz



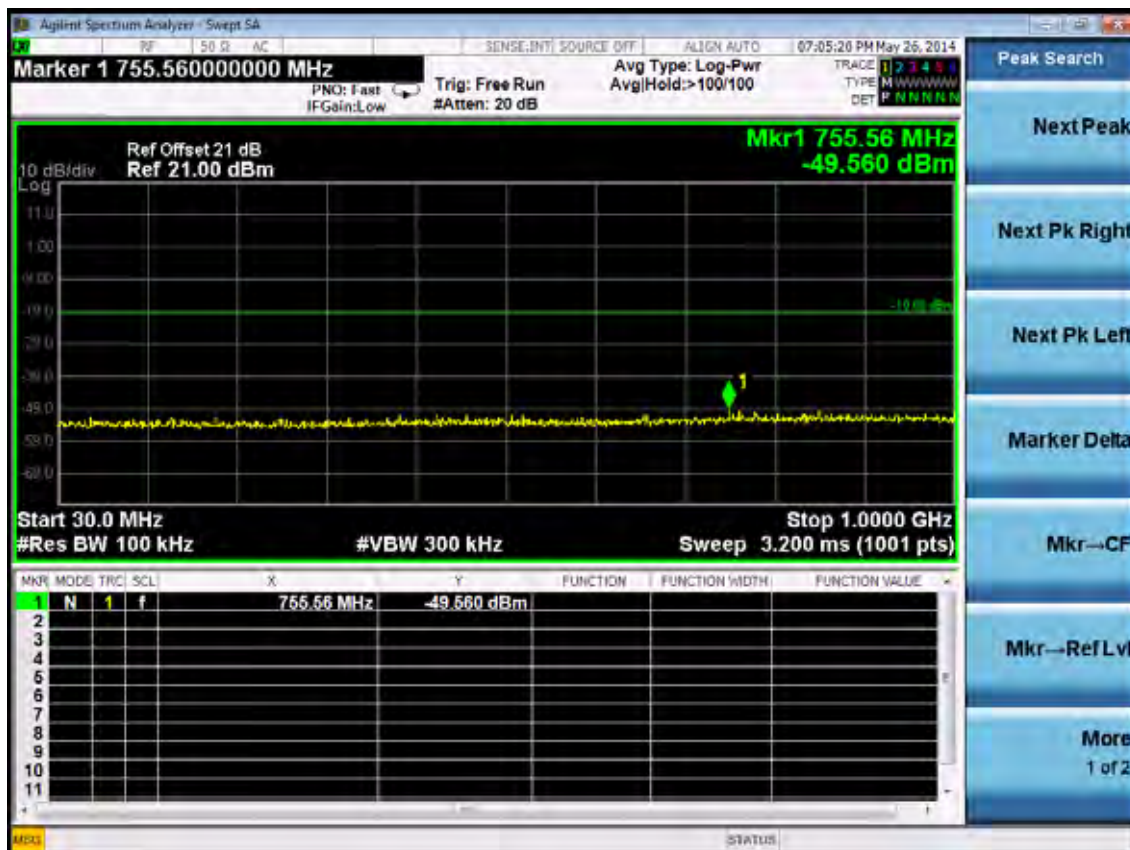
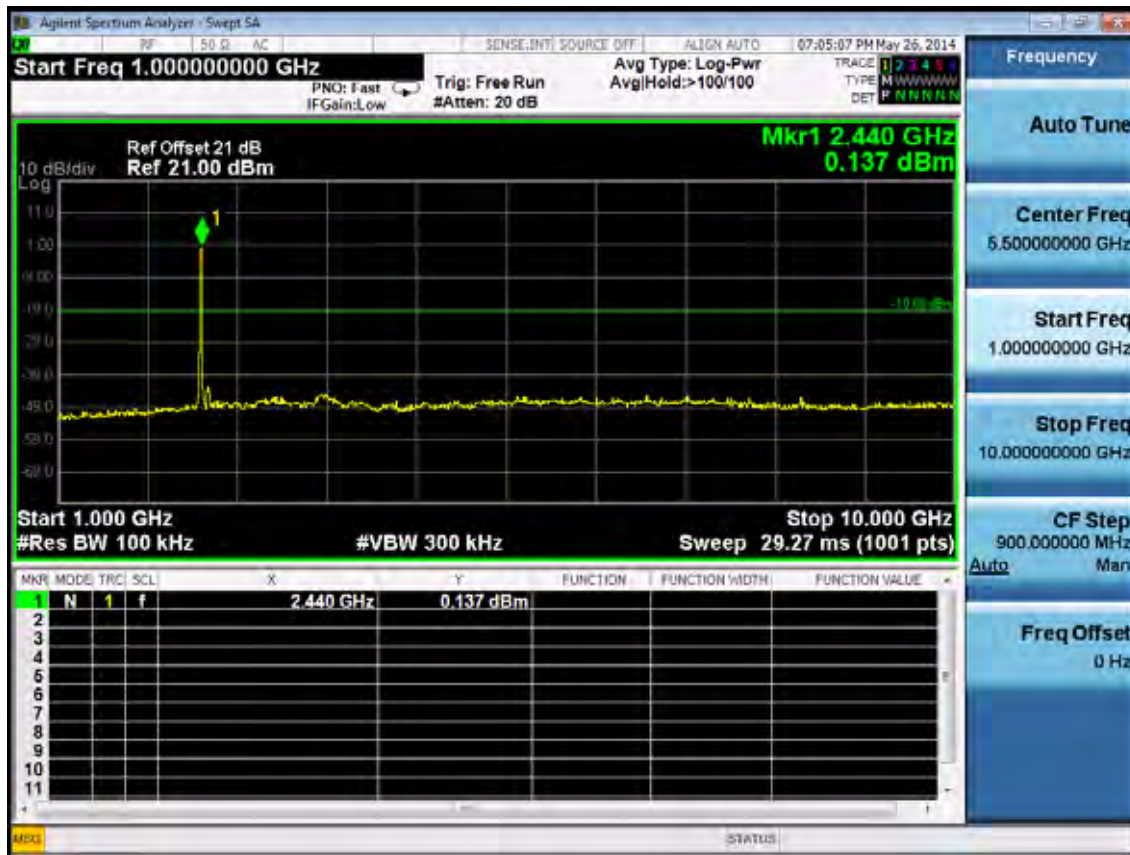


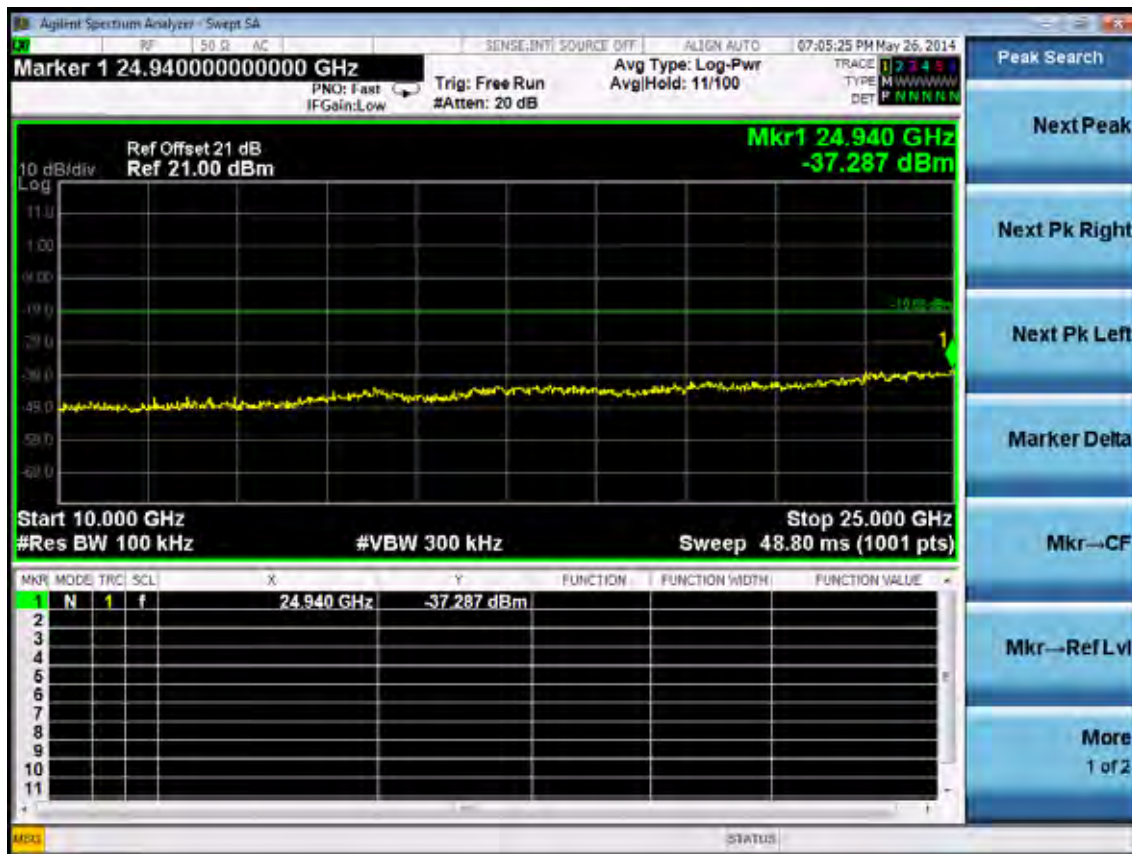
Test Mode: IEEE 802.11n HT20 TX
Test CH1: 2412MHz



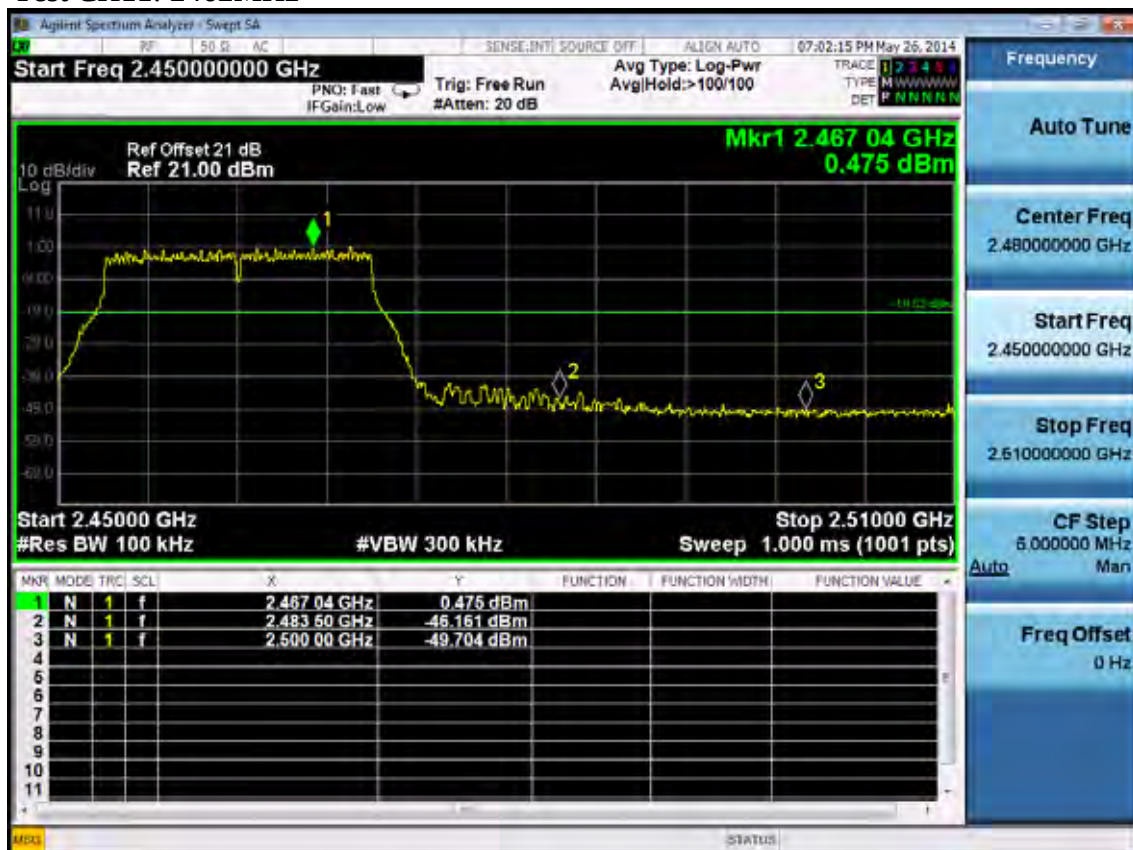


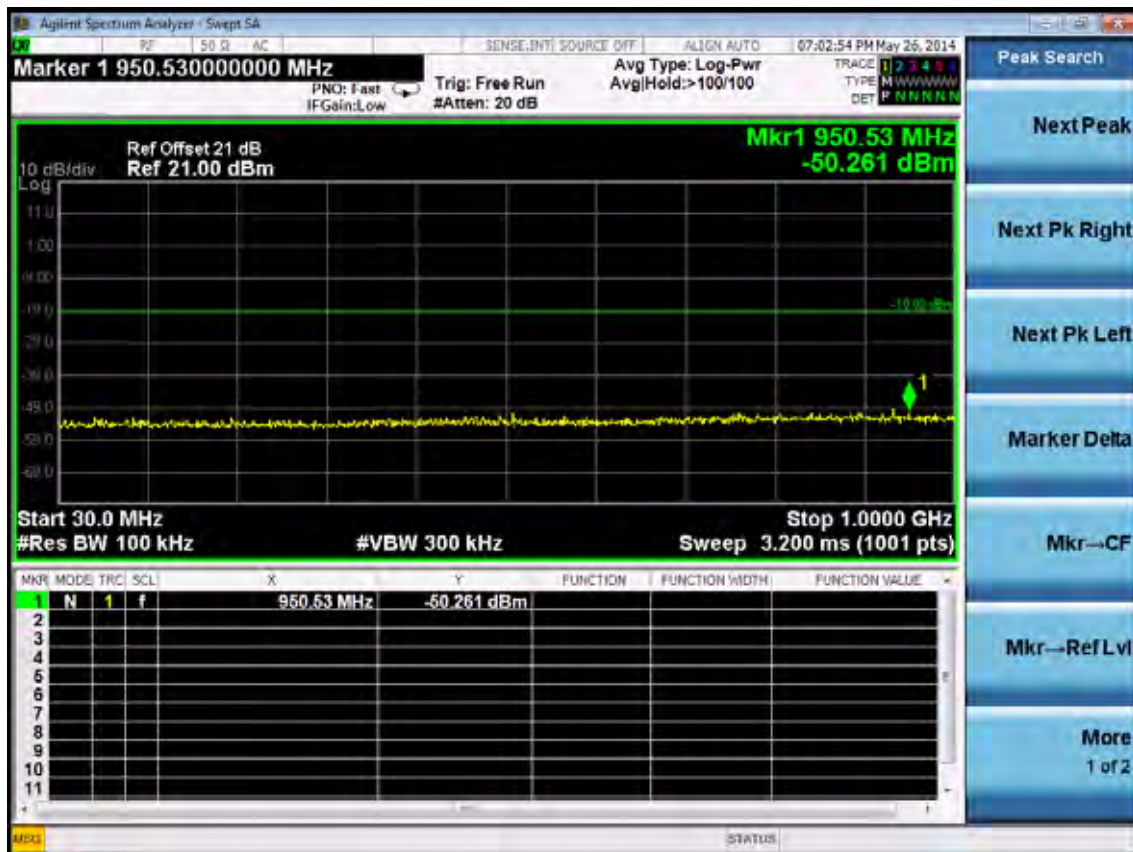
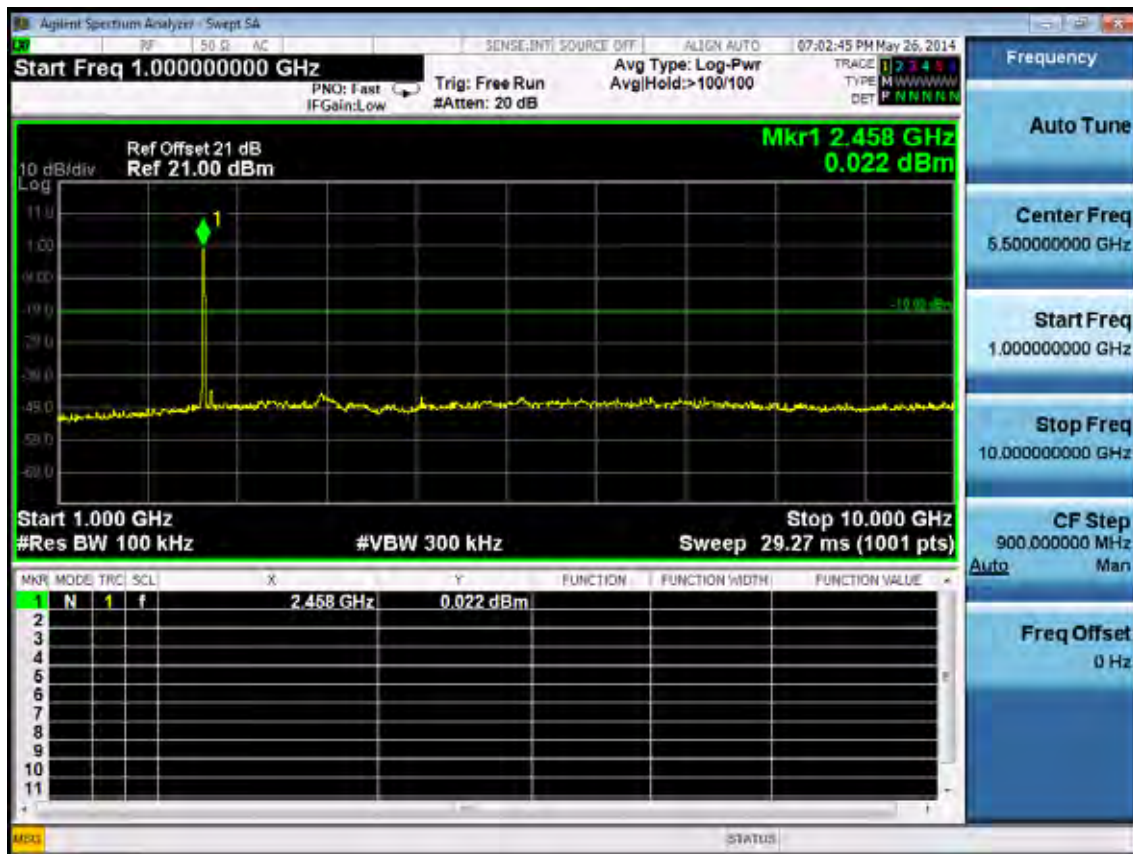
Test CH6: 2437MHz

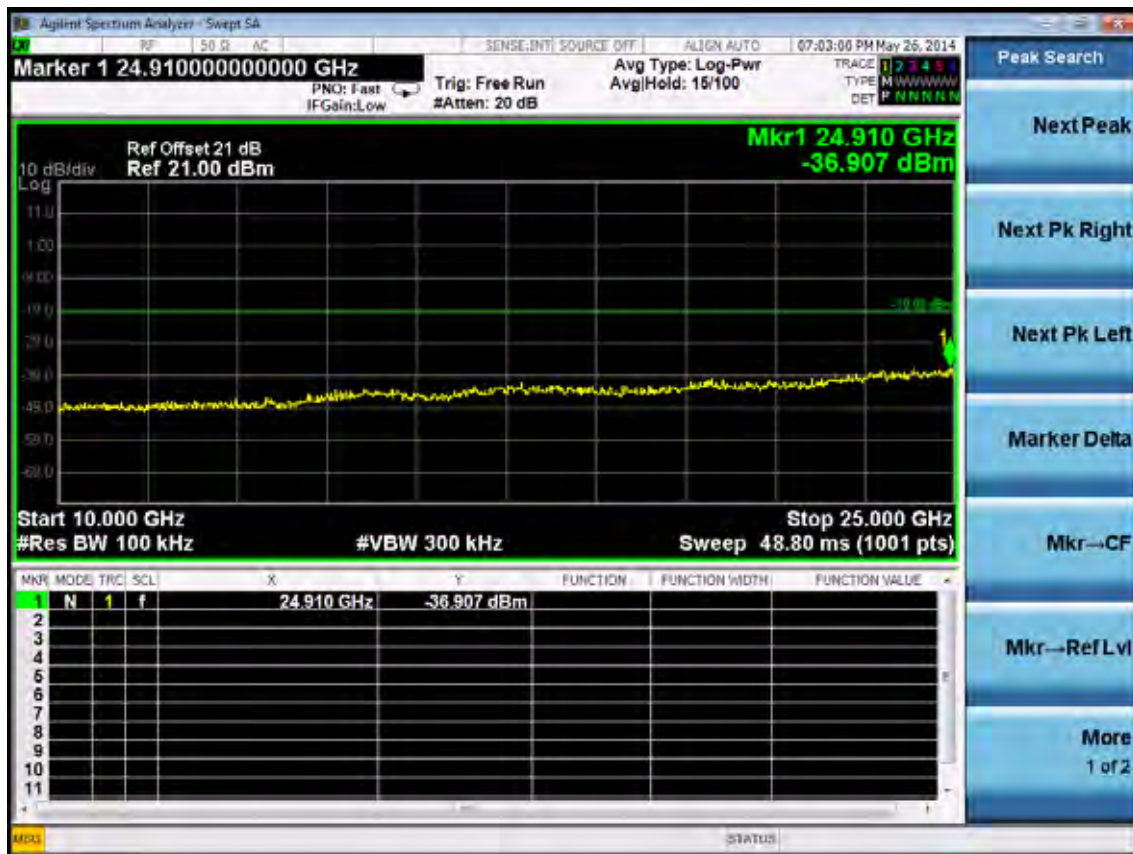




Test CH11: 2462MHz



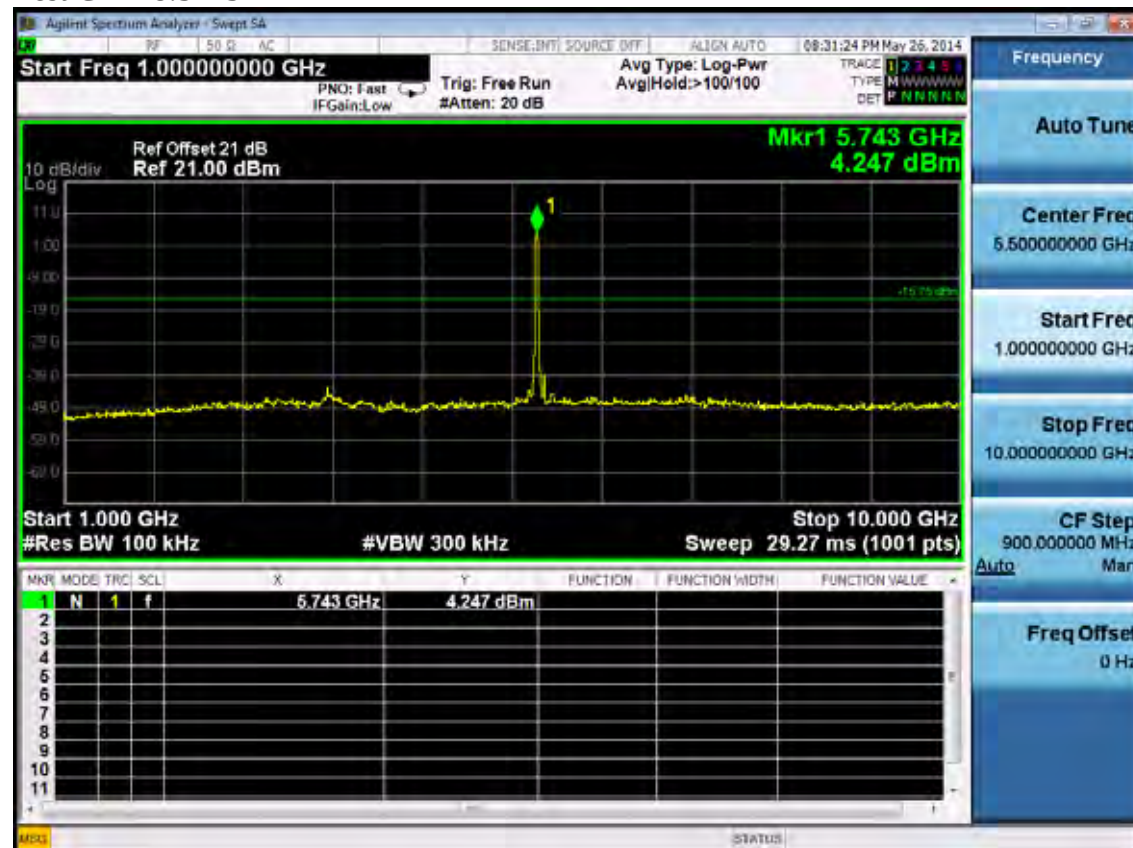


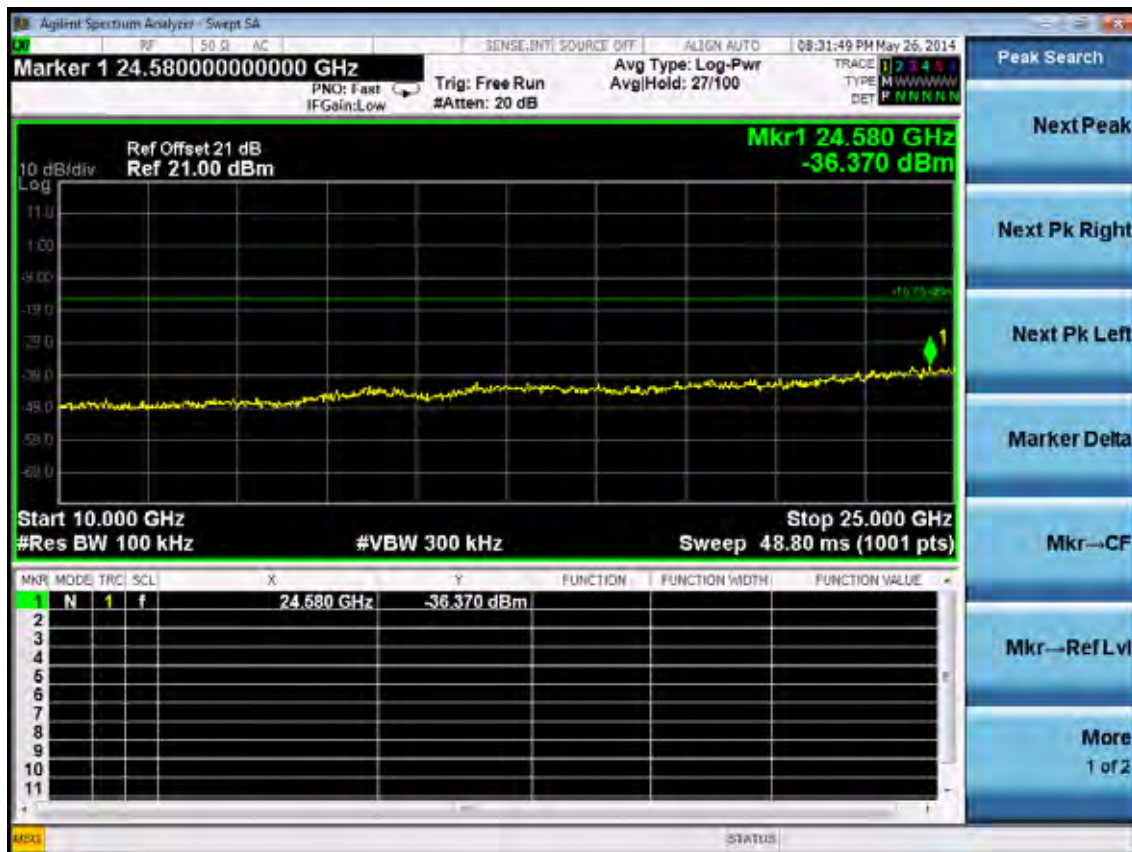
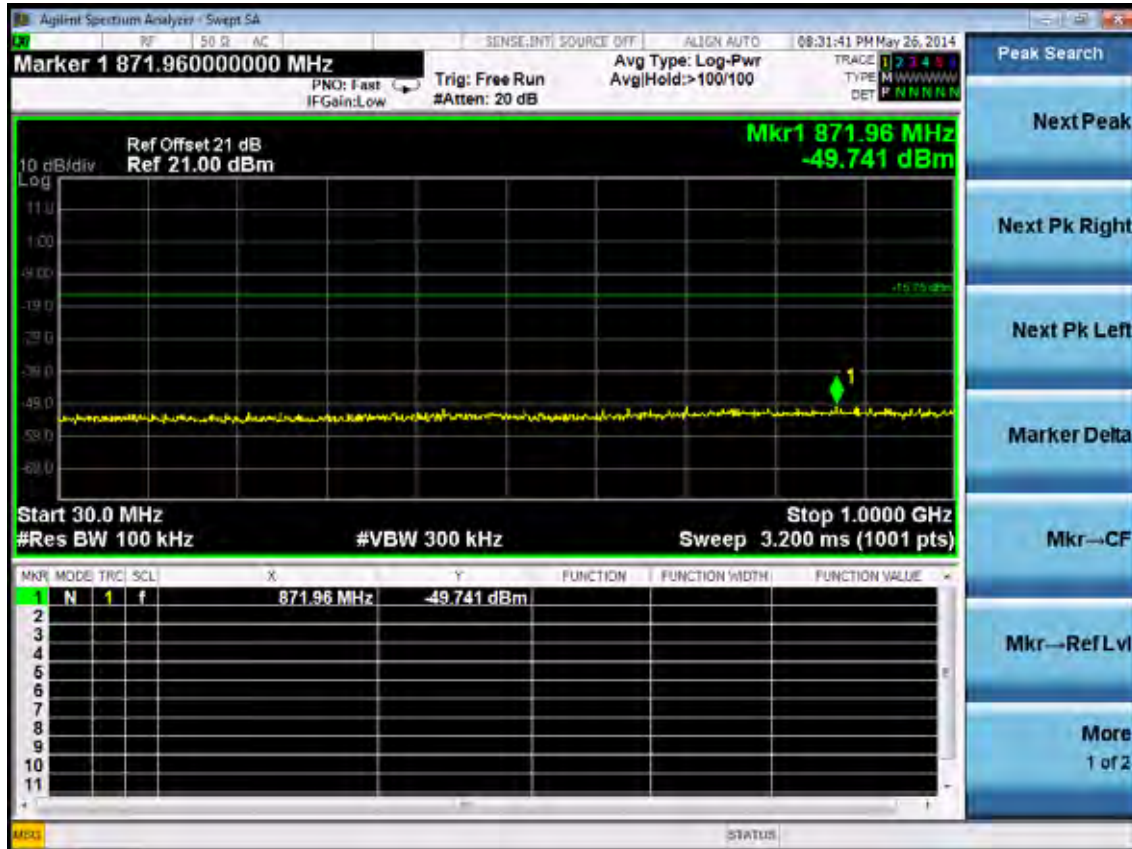


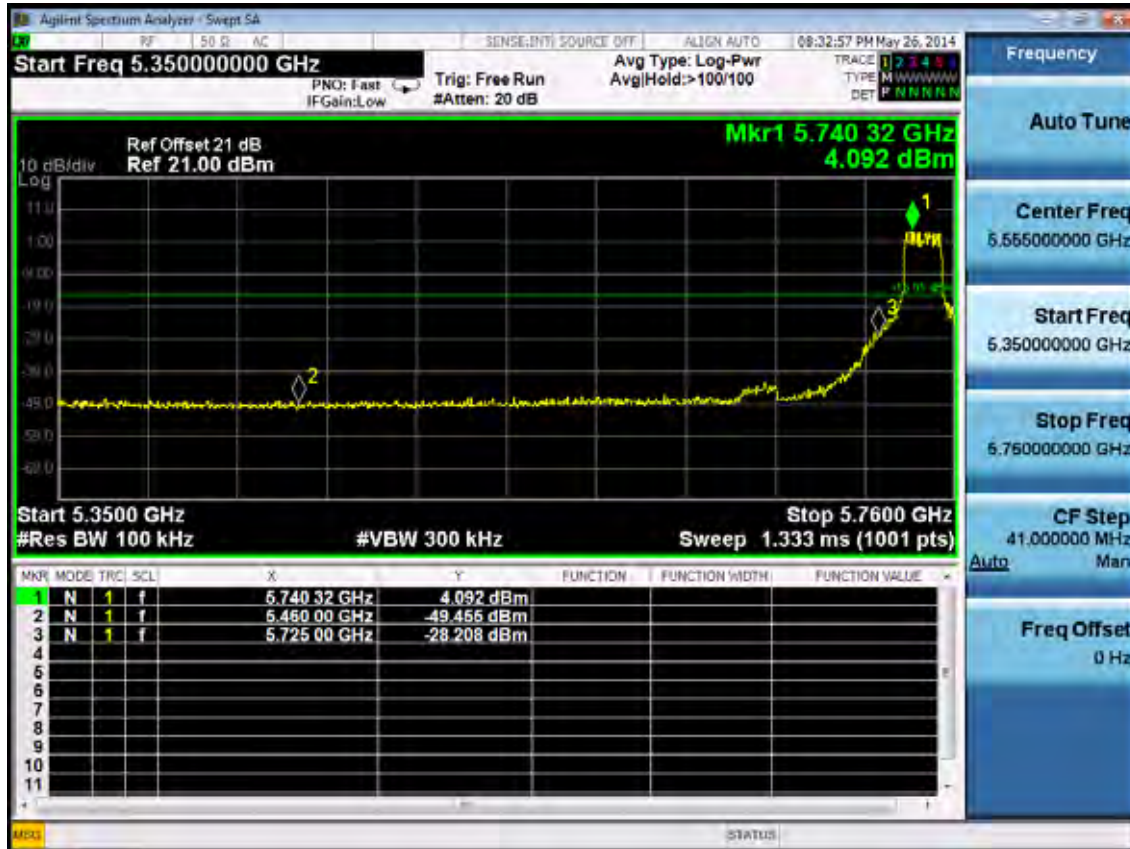
UNII Band 4:

Test Mode: IEEE 802.11a TX

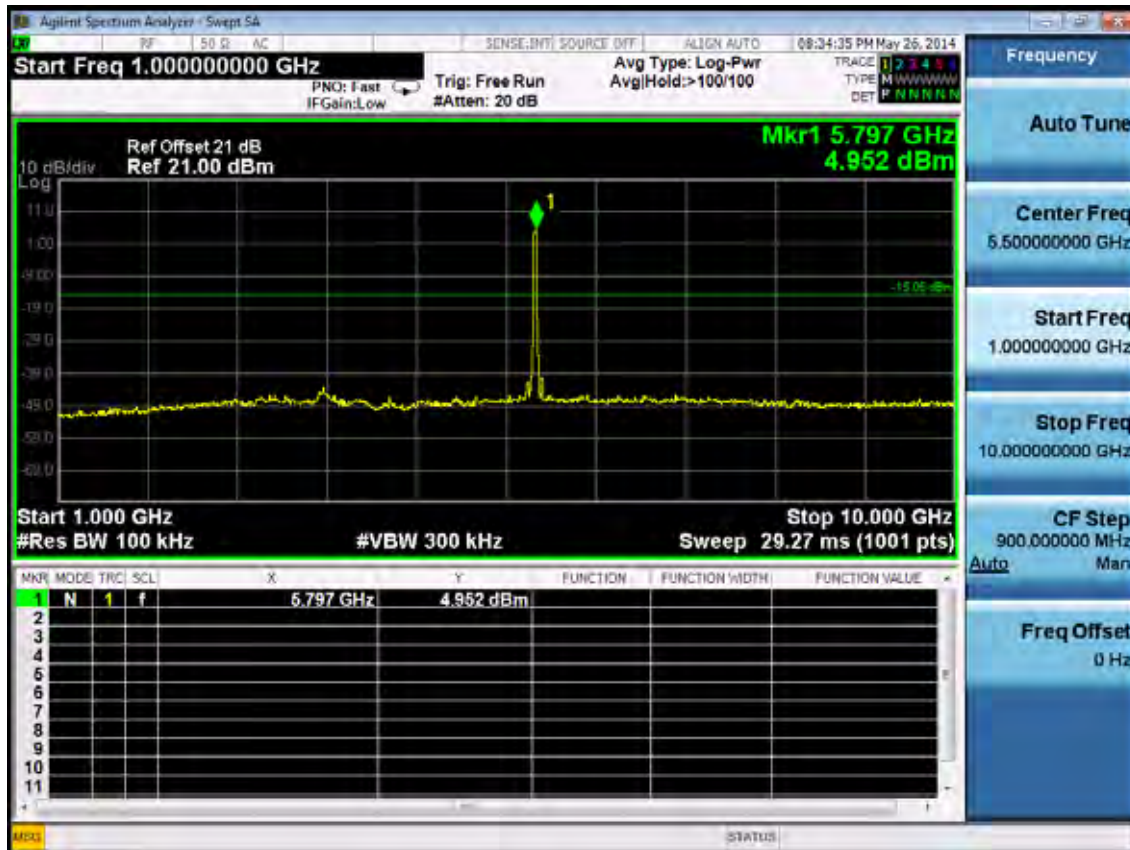
Test CH148:5745MHz

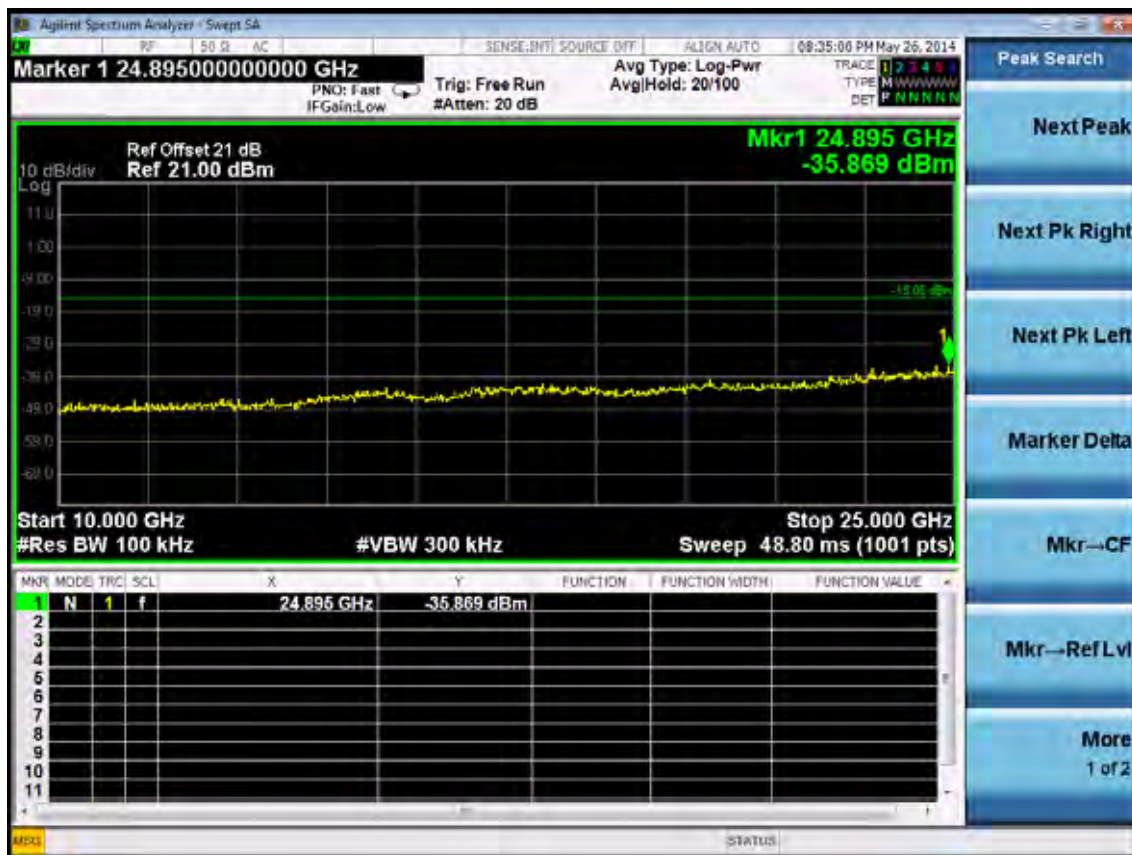
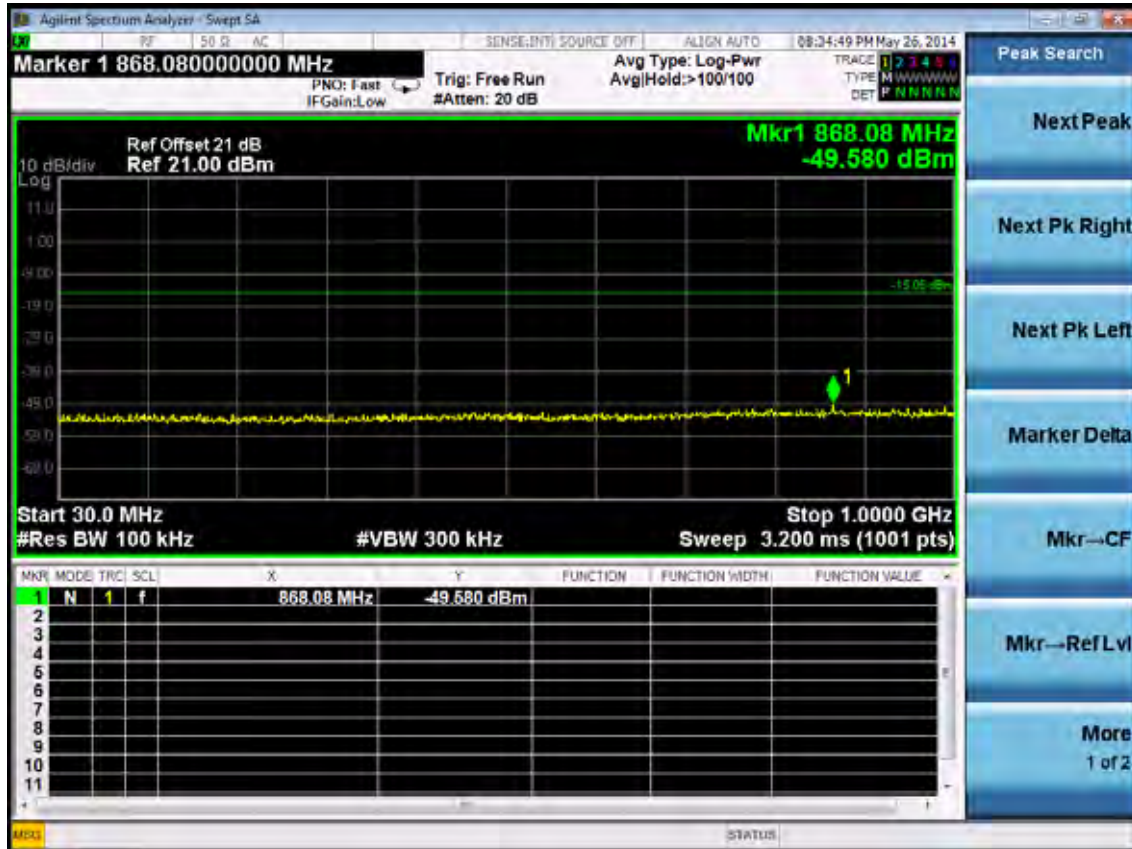




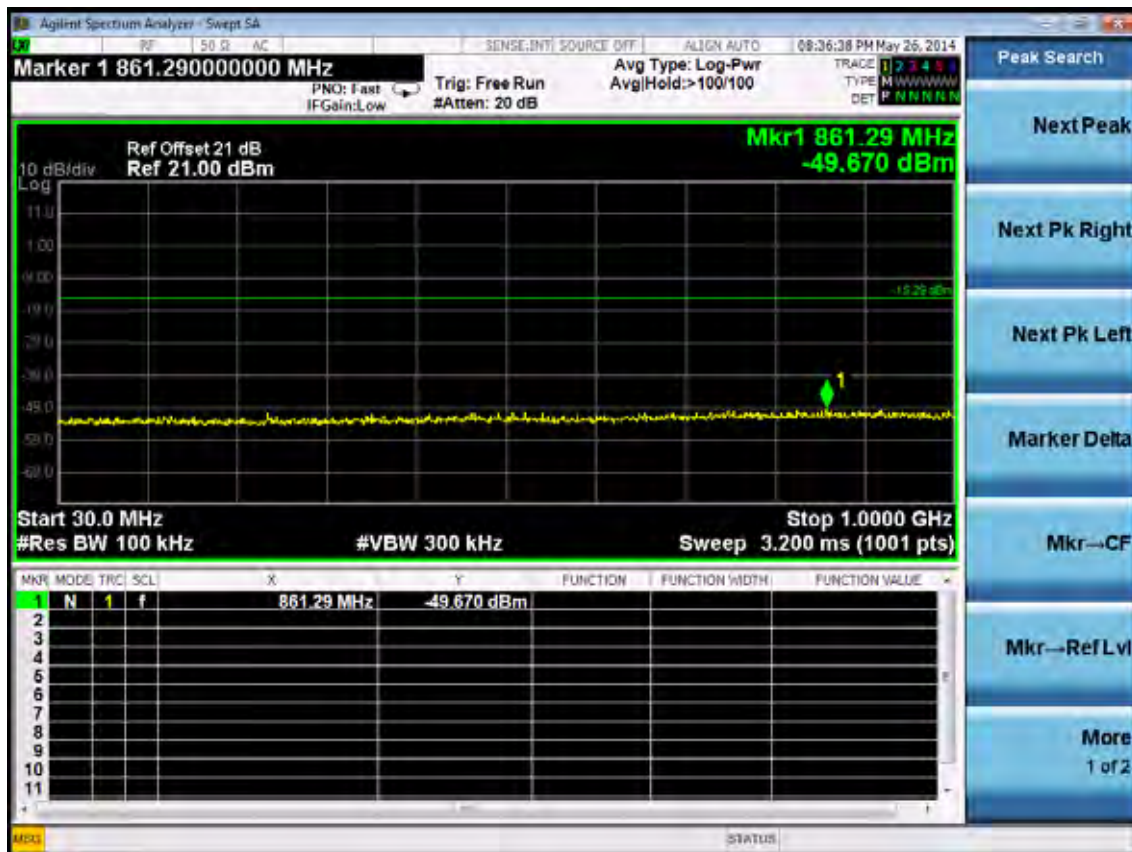
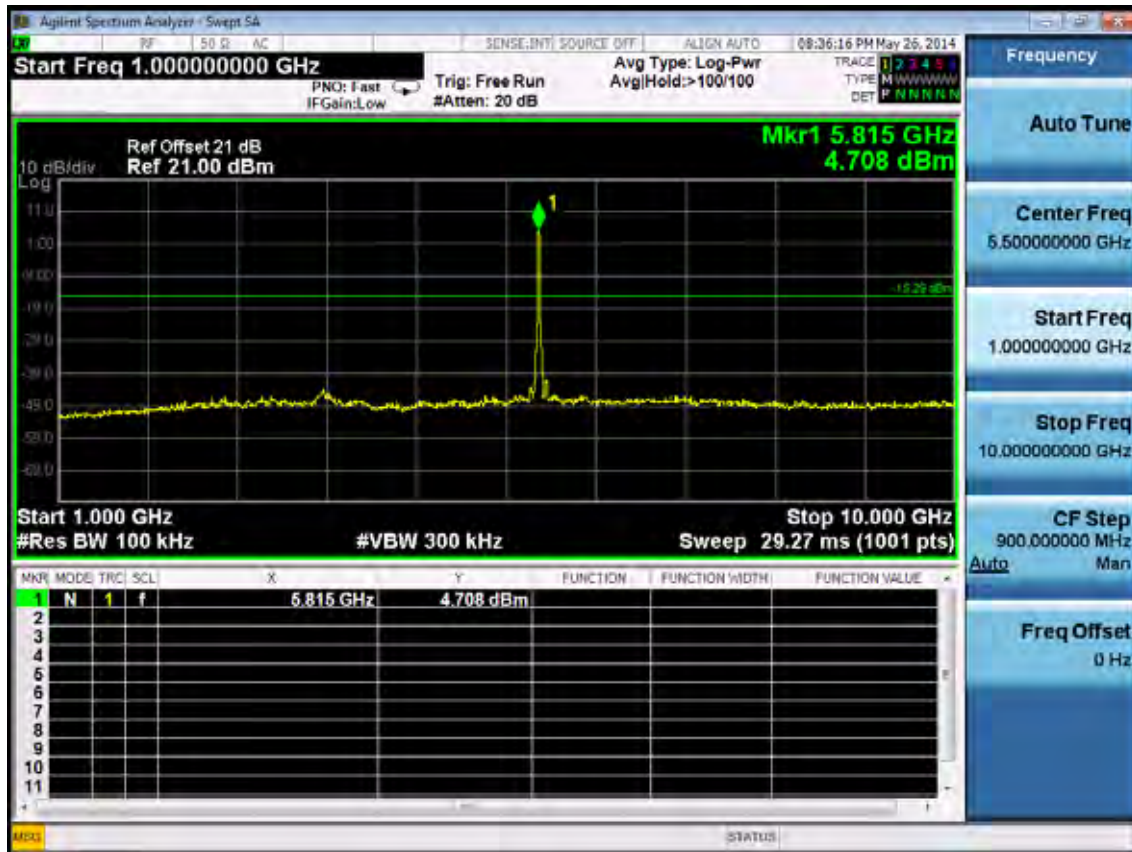


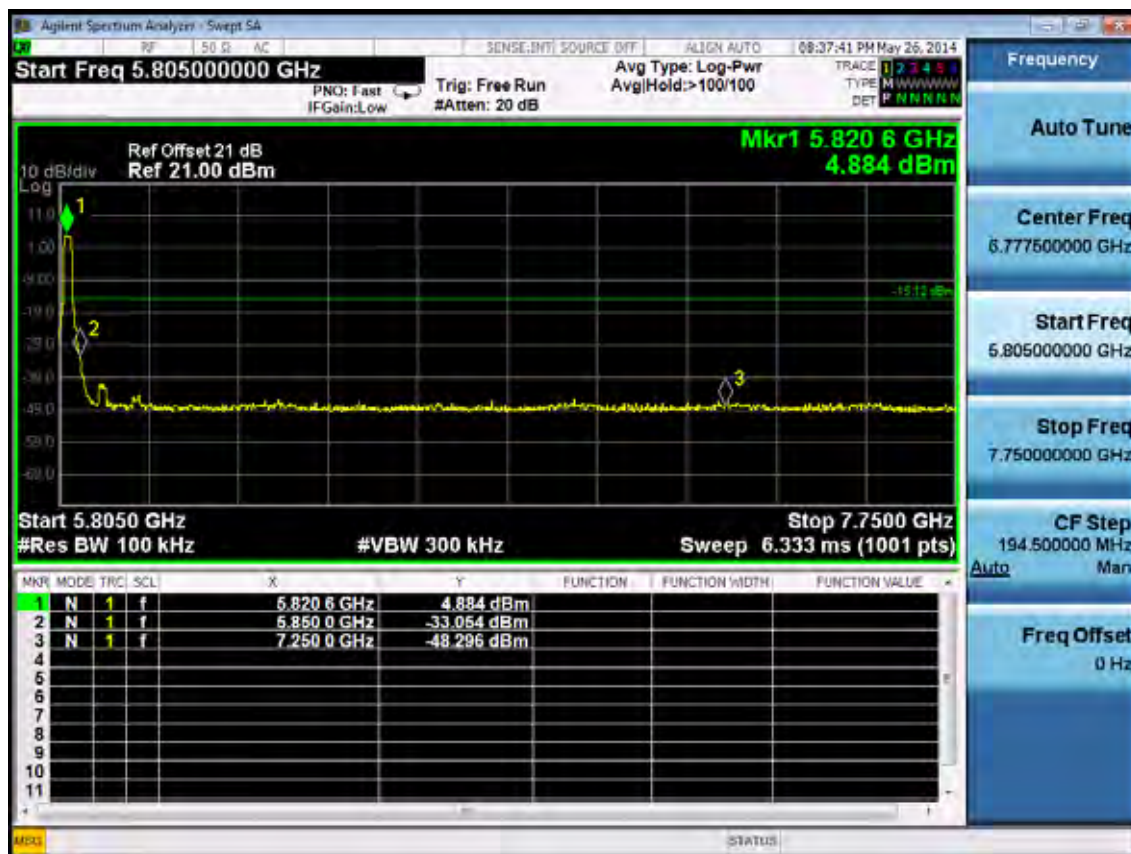
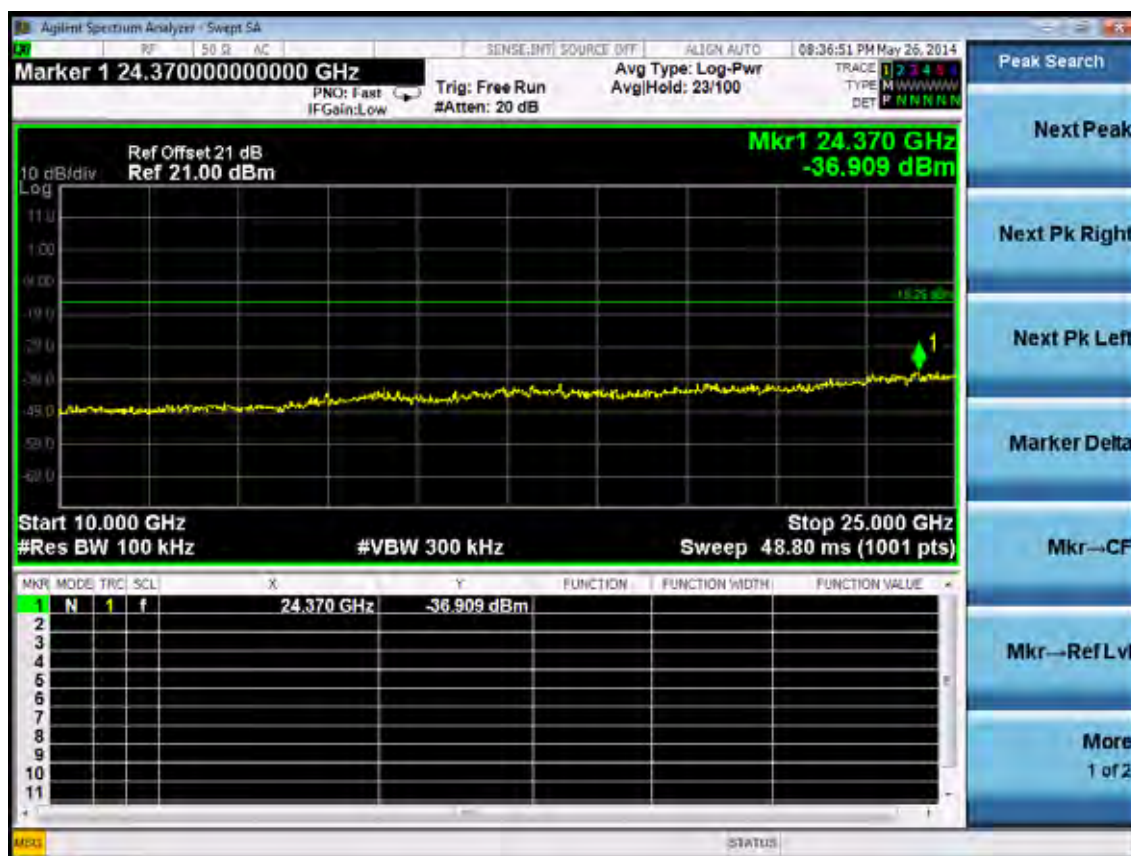
Test CH157: 5785MHz



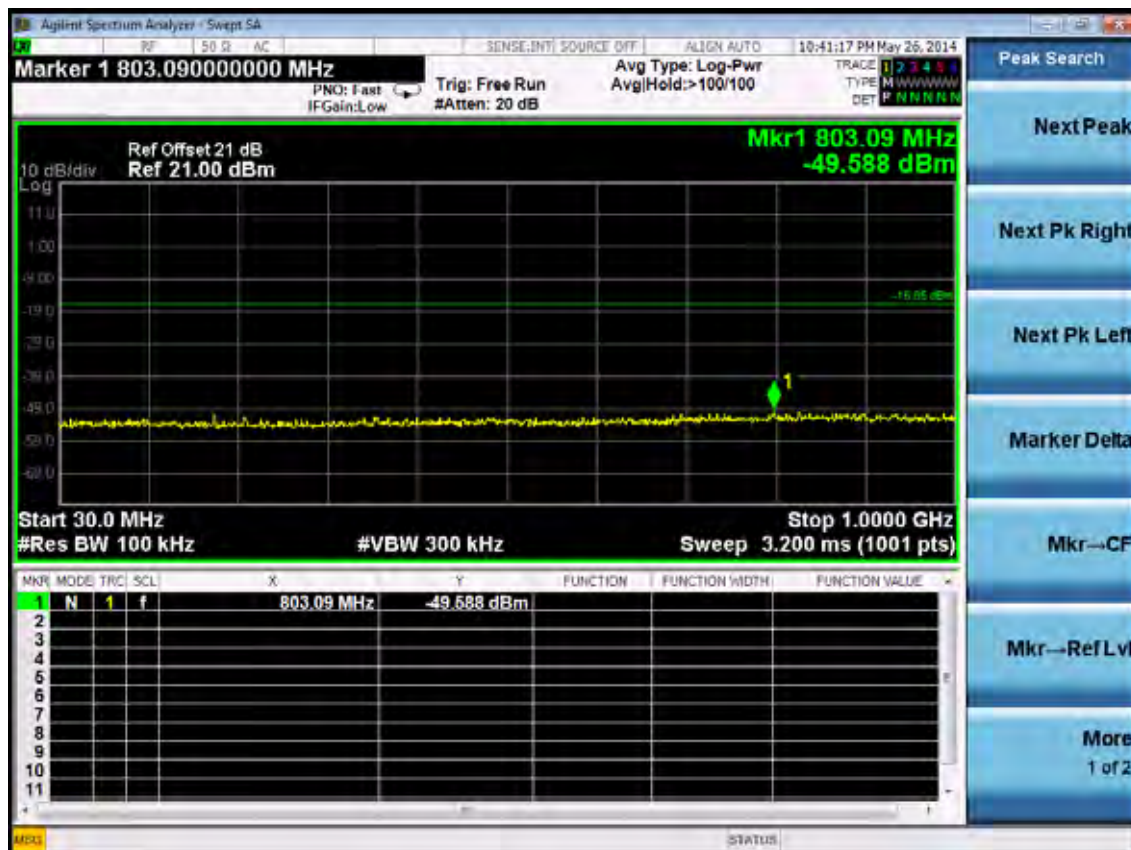
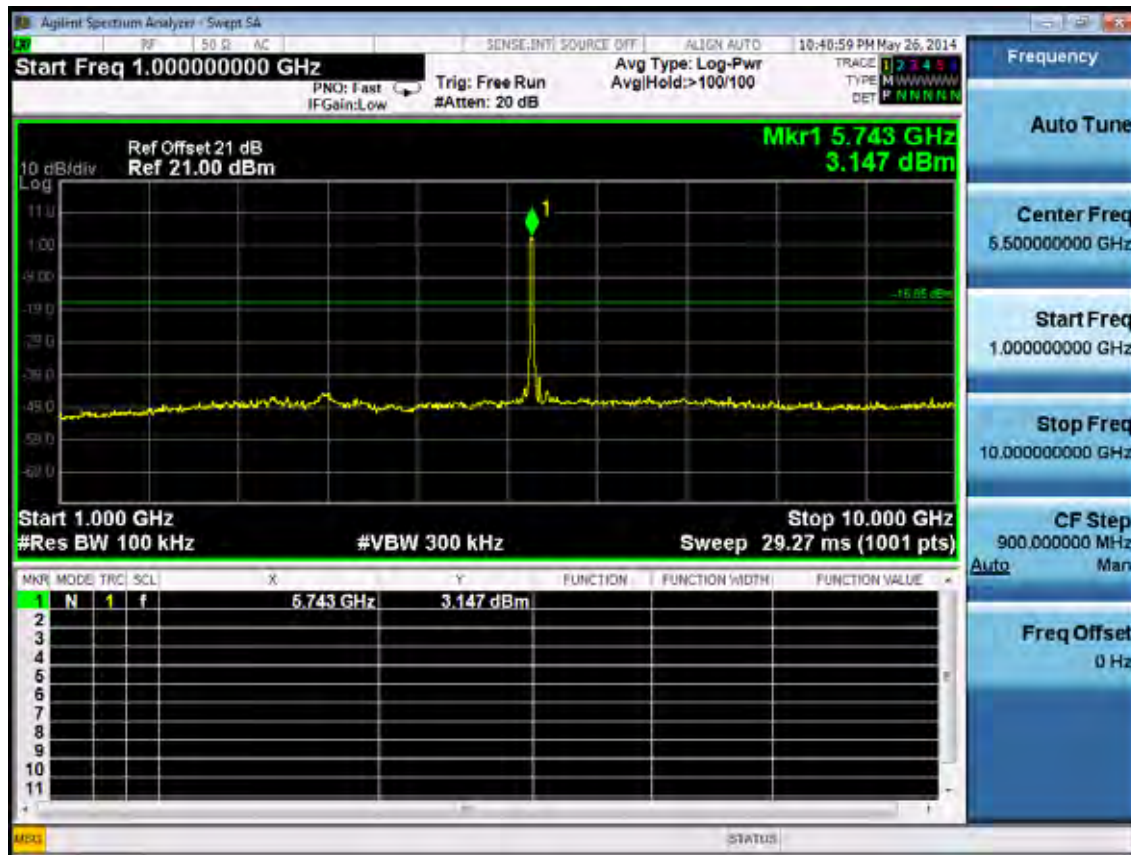


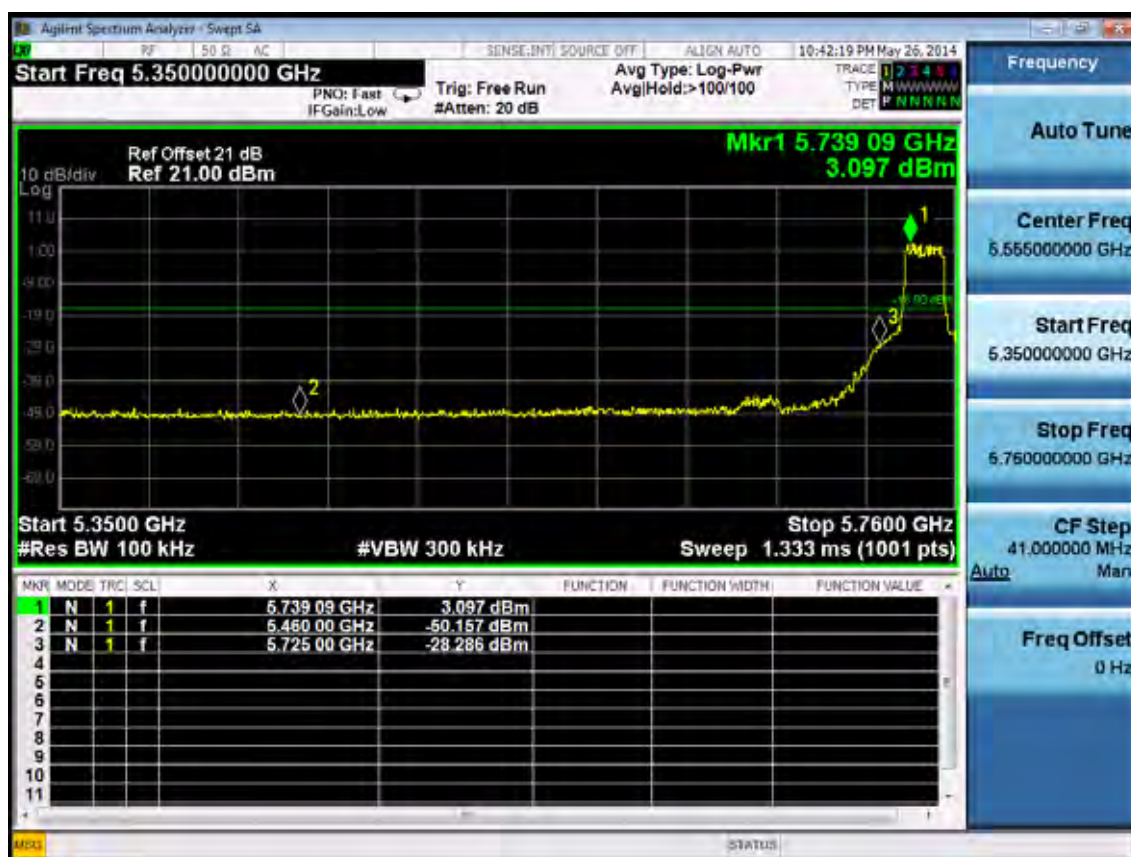
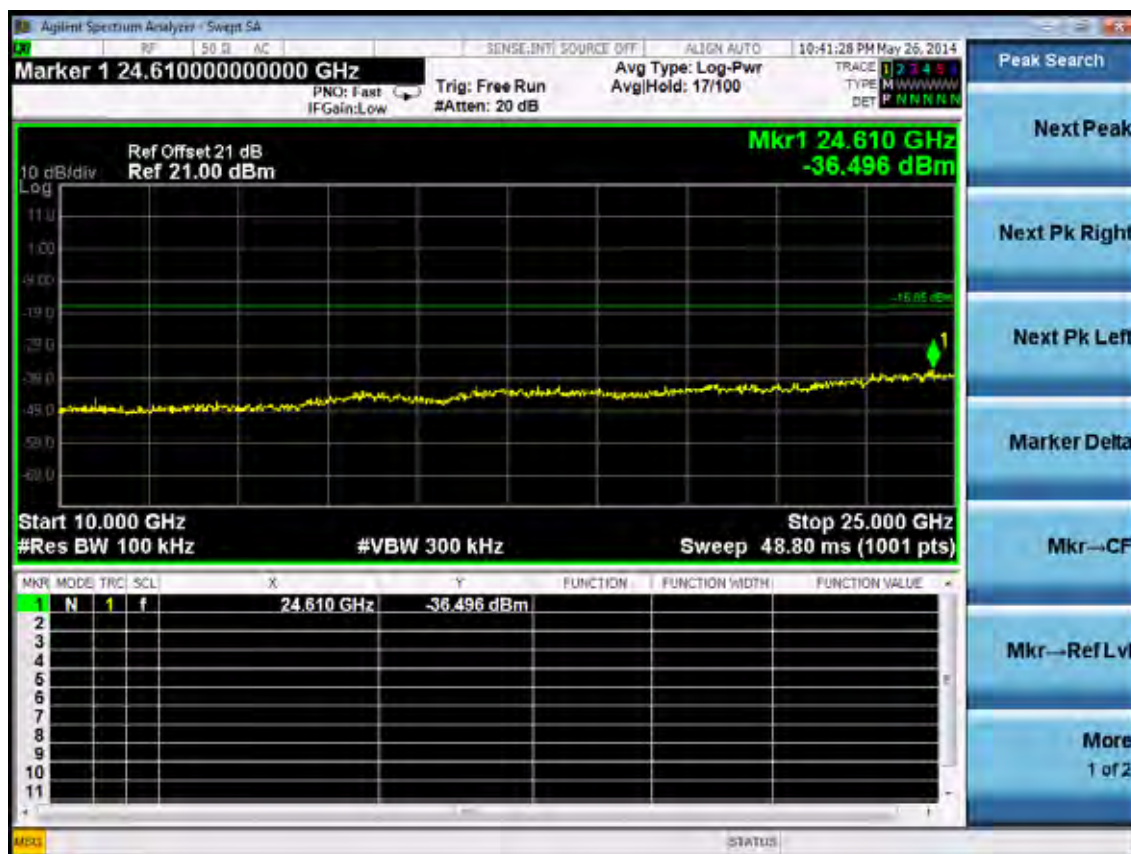
Test CH165: 5825MHz



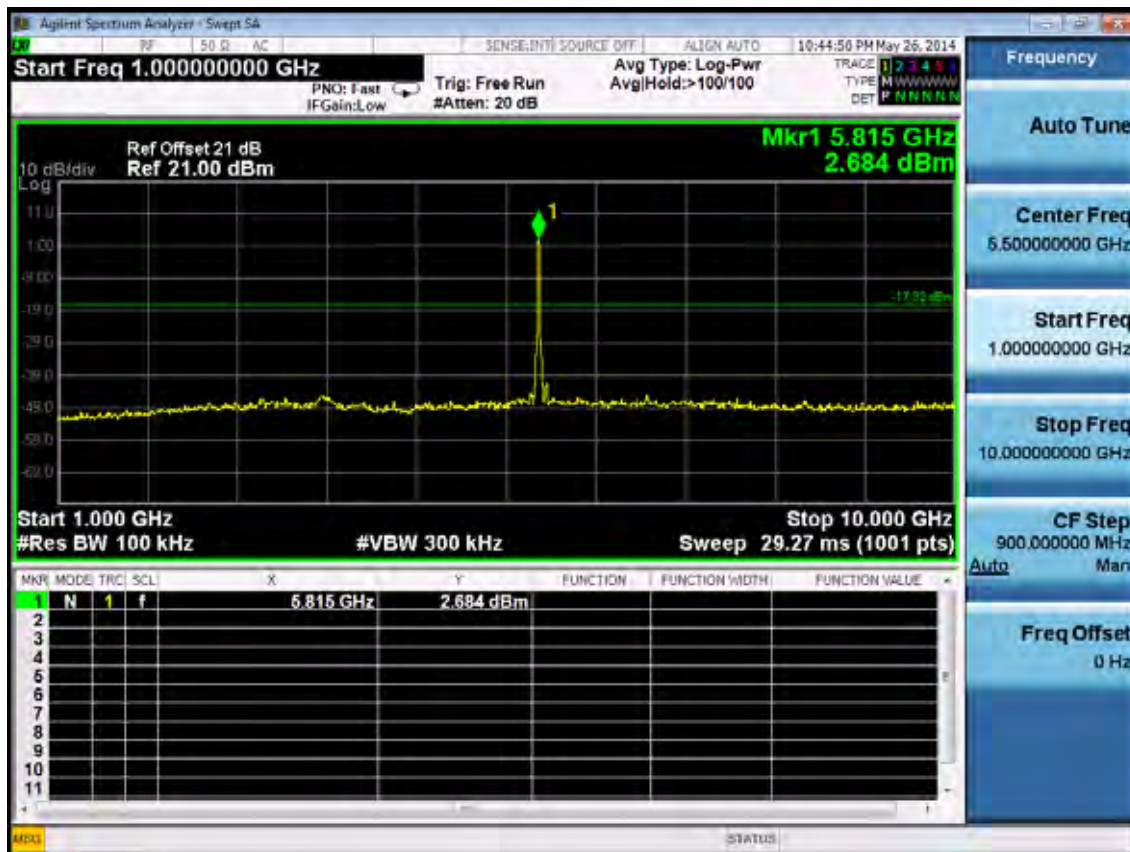
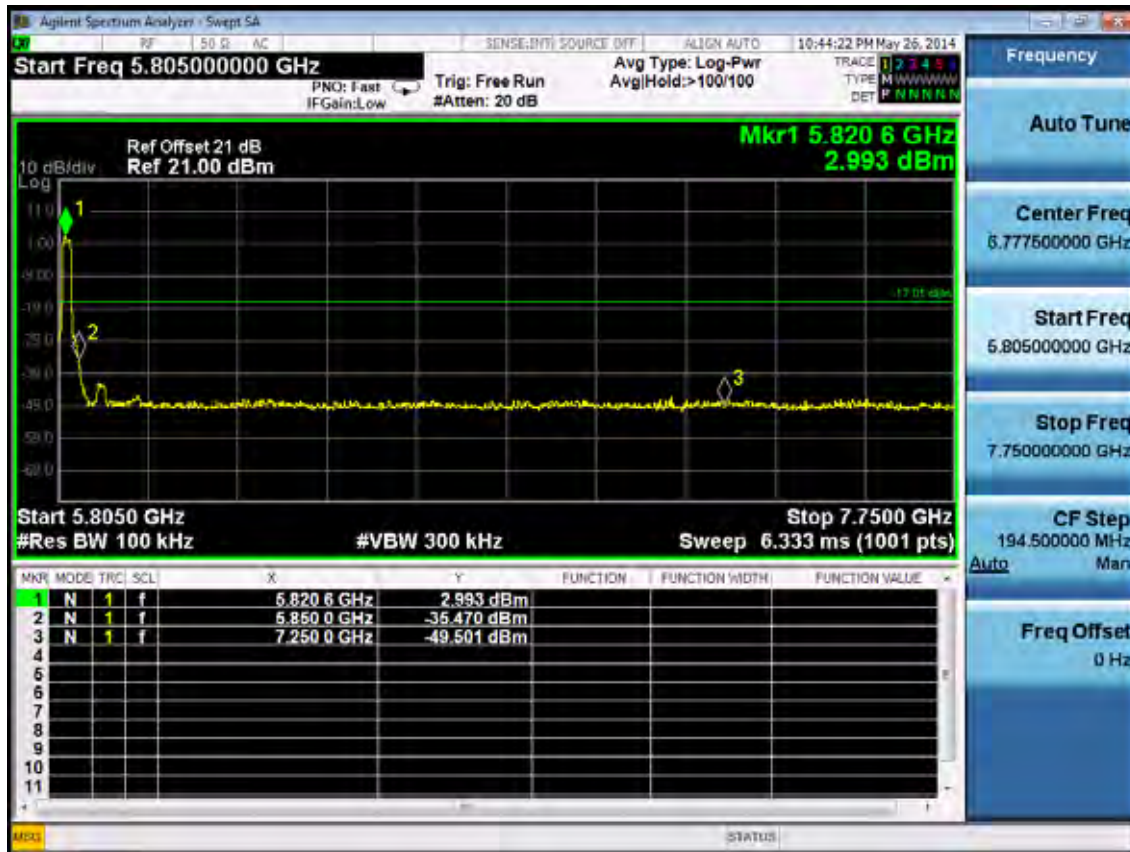


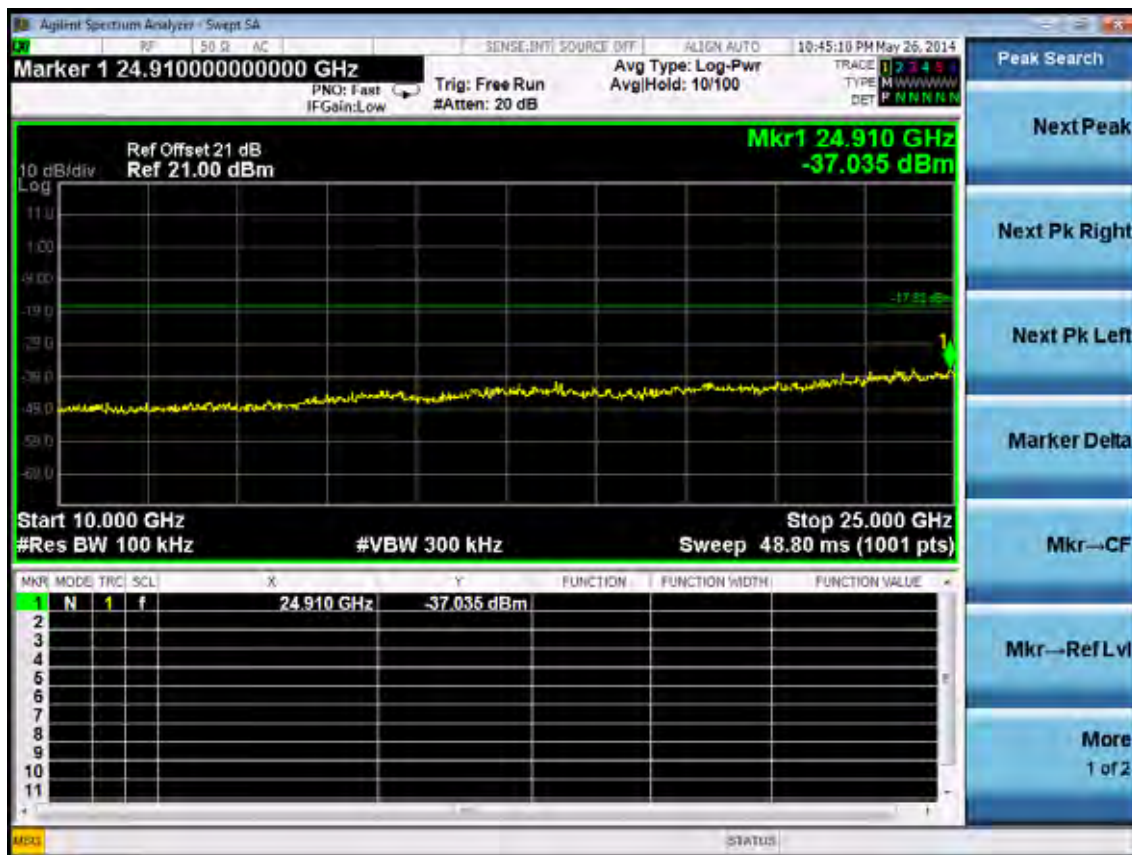
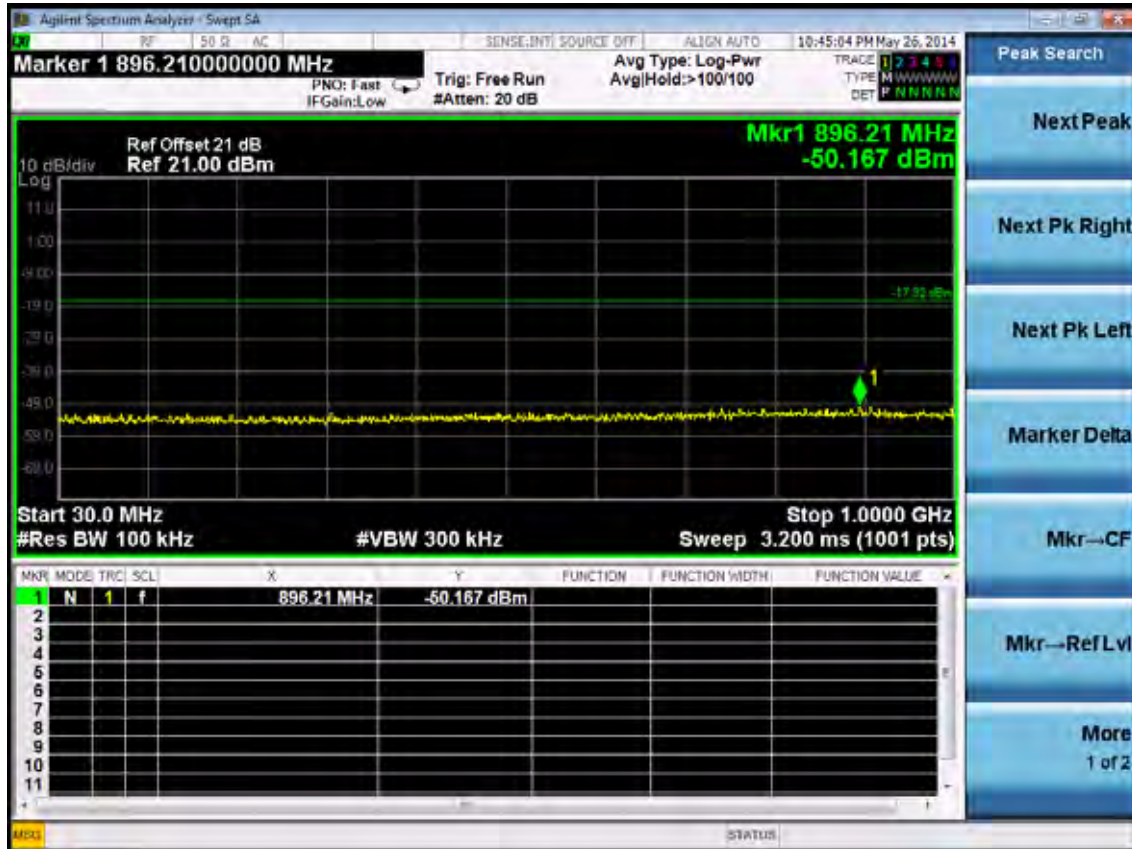
Test Mode: IEEE 802. 11ac VHT20 TX
Test CH148:5745MHz



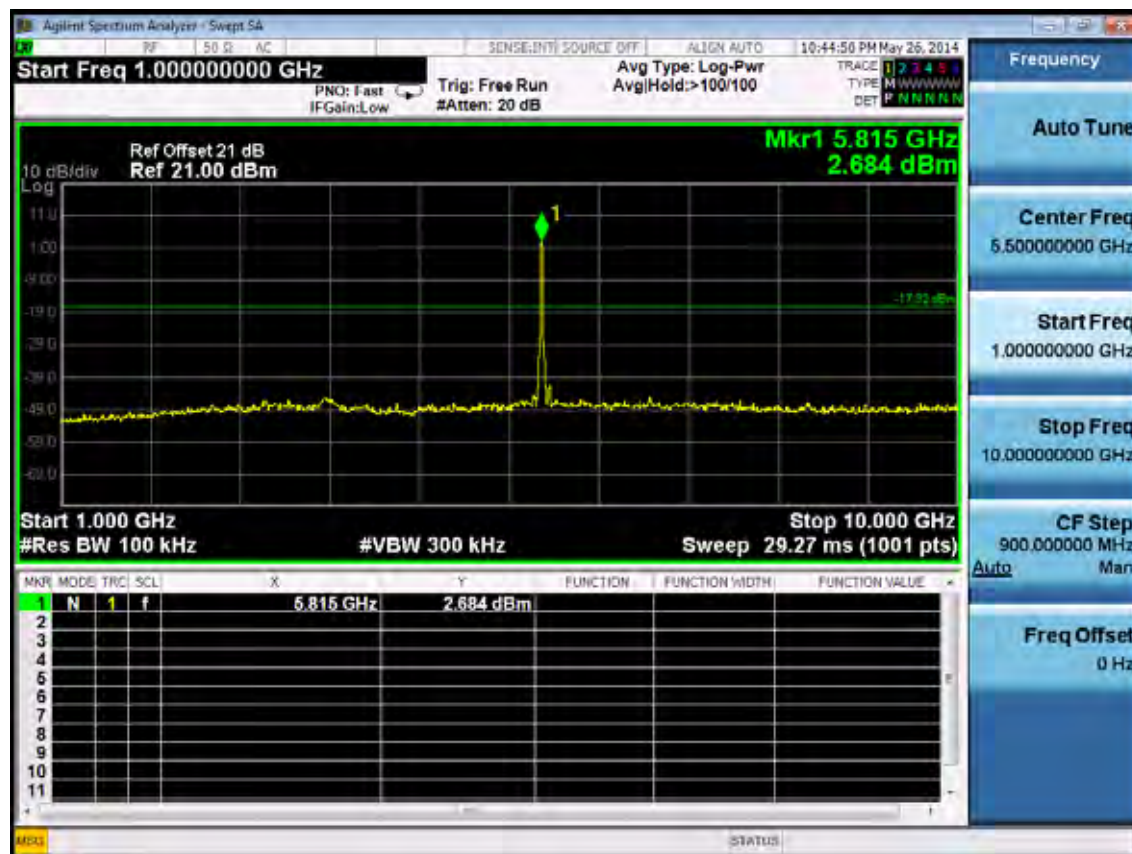
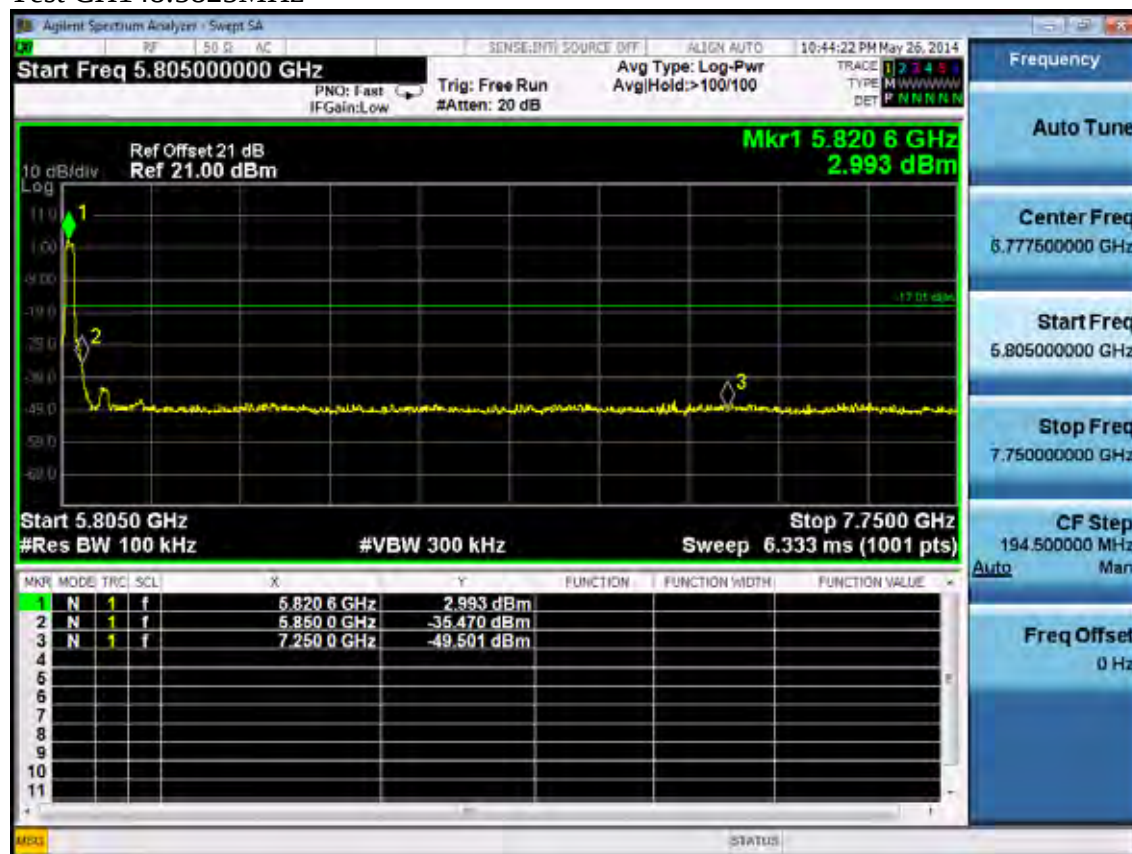


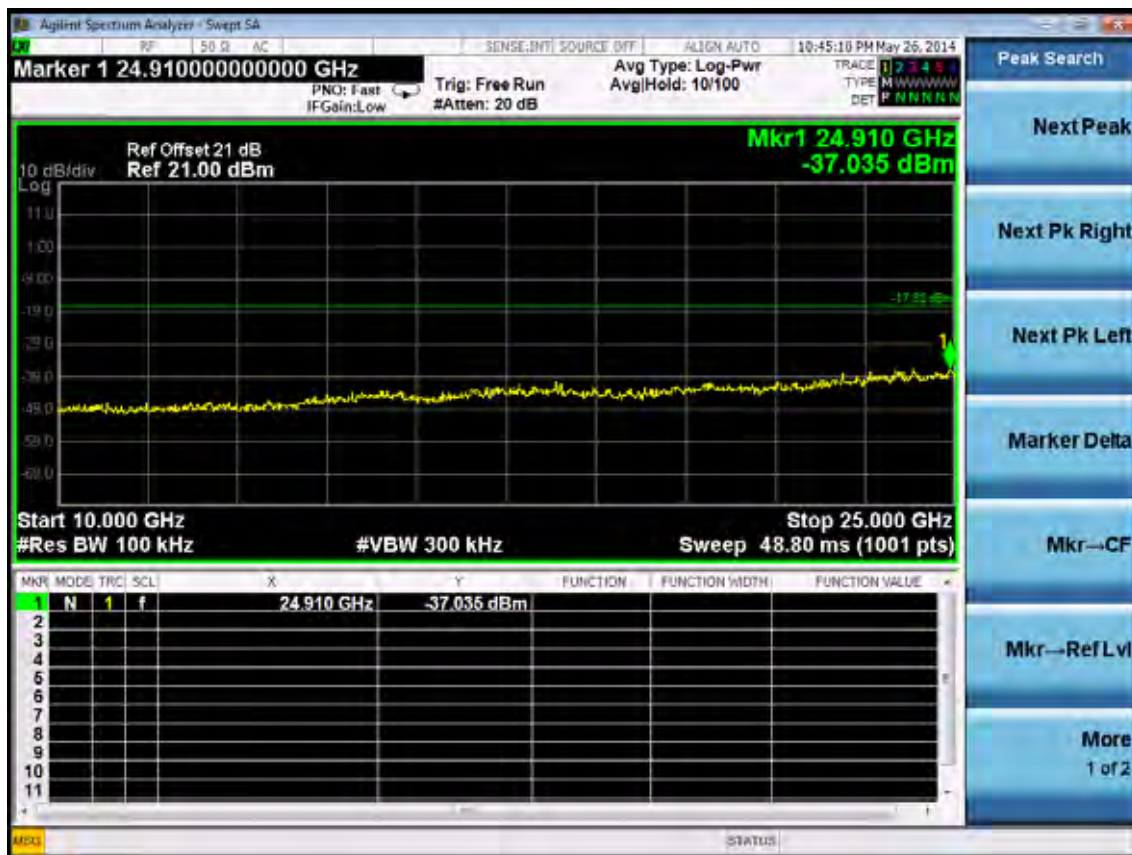
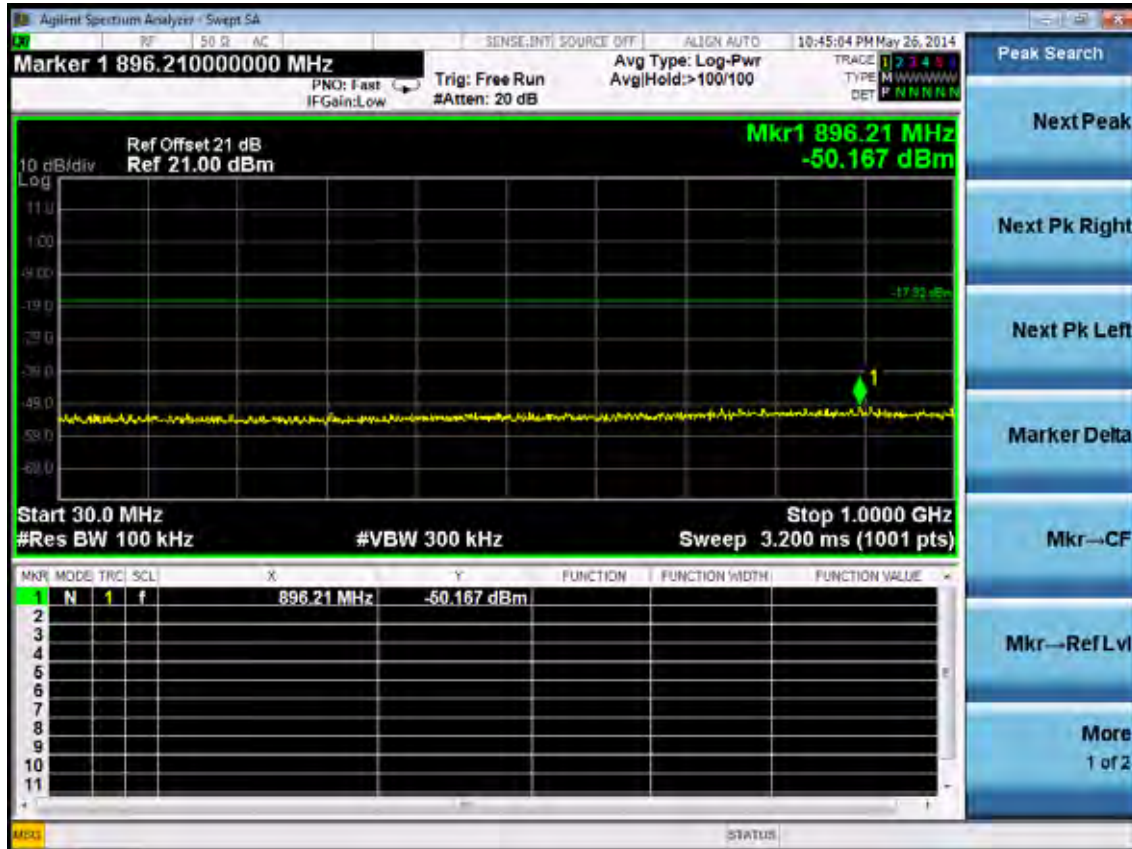
Test CH148:5785MHz



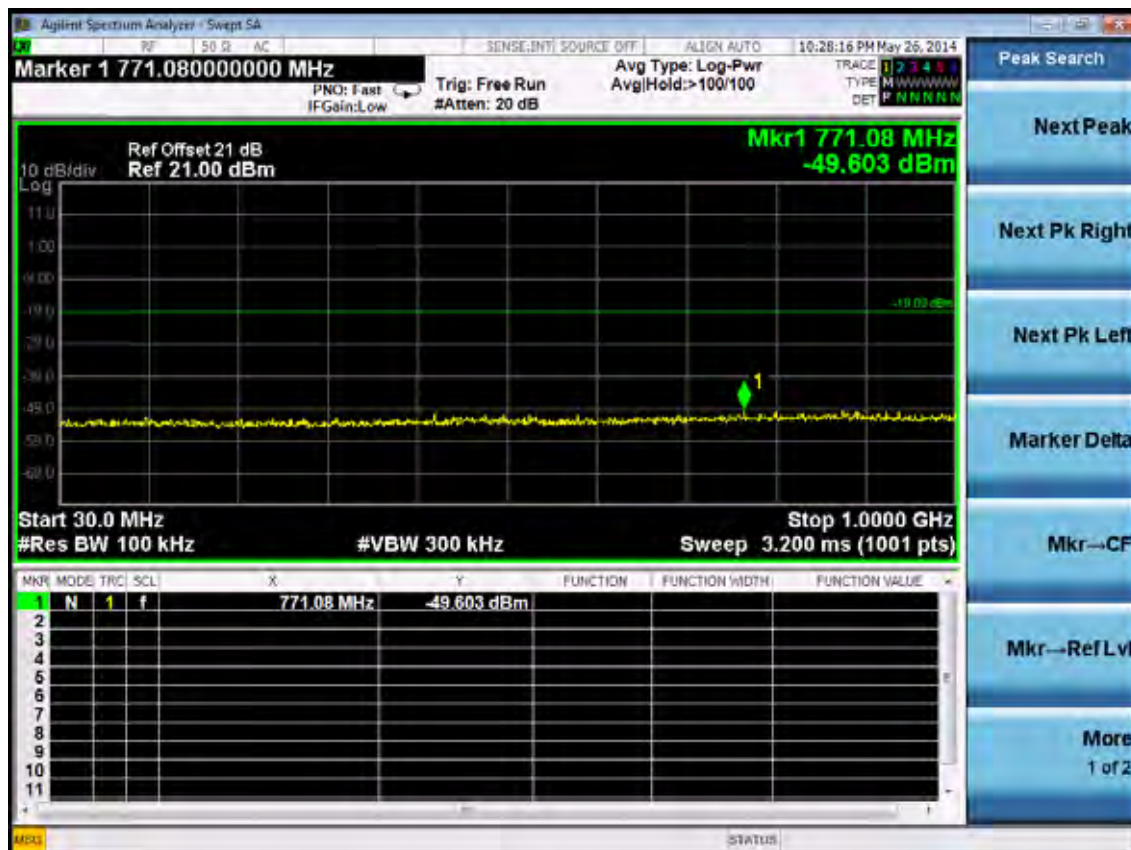
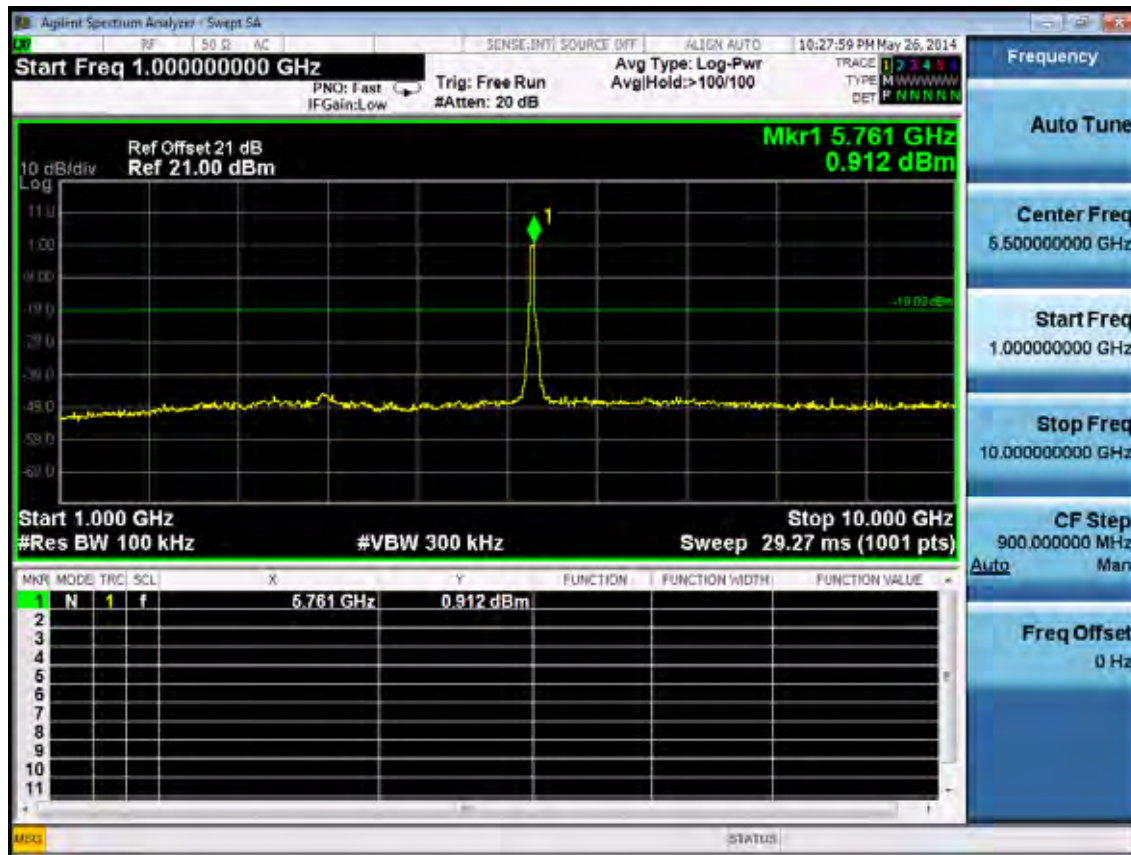


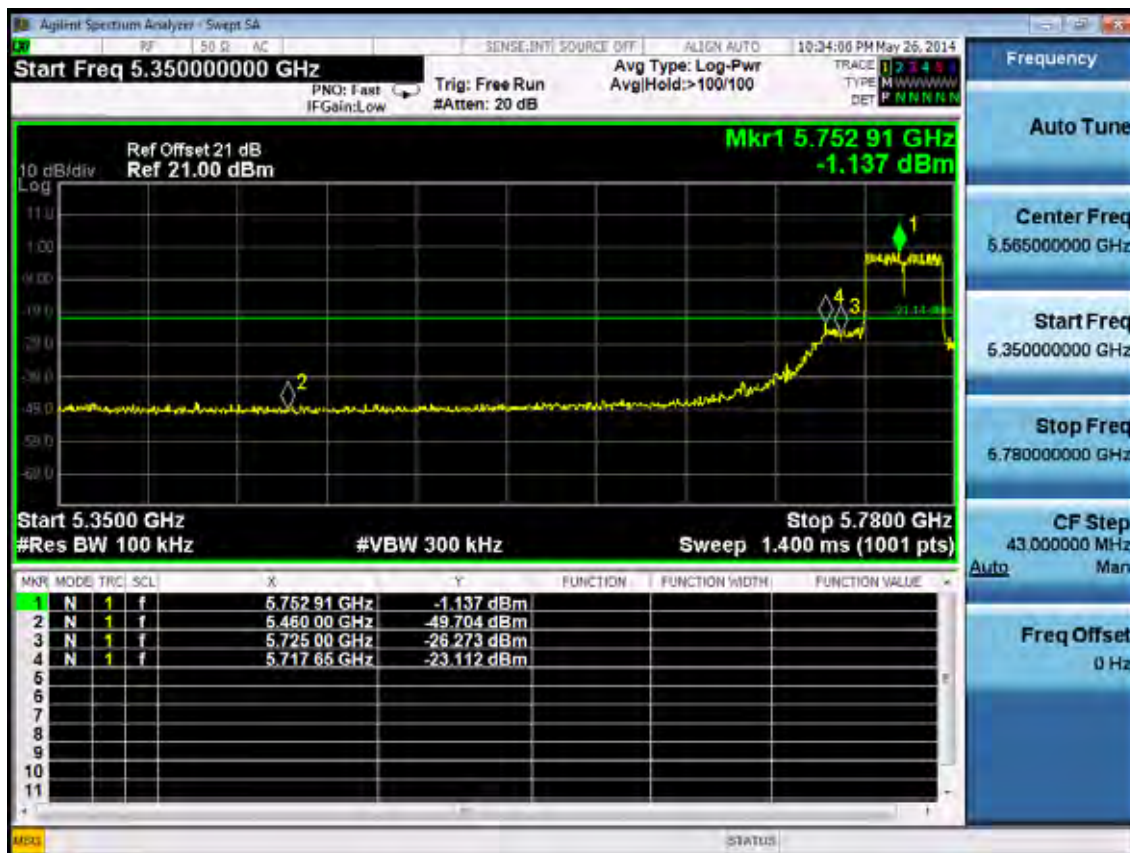
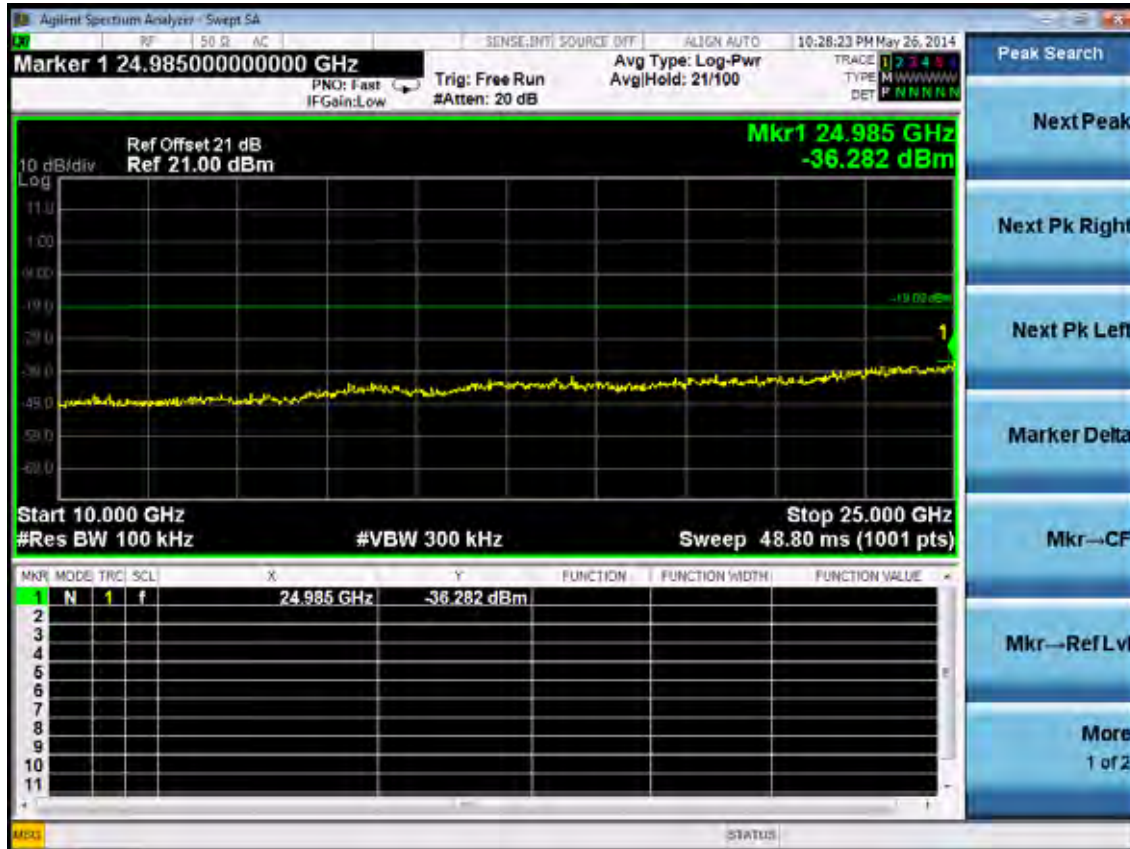
Test CH148:5825MHz



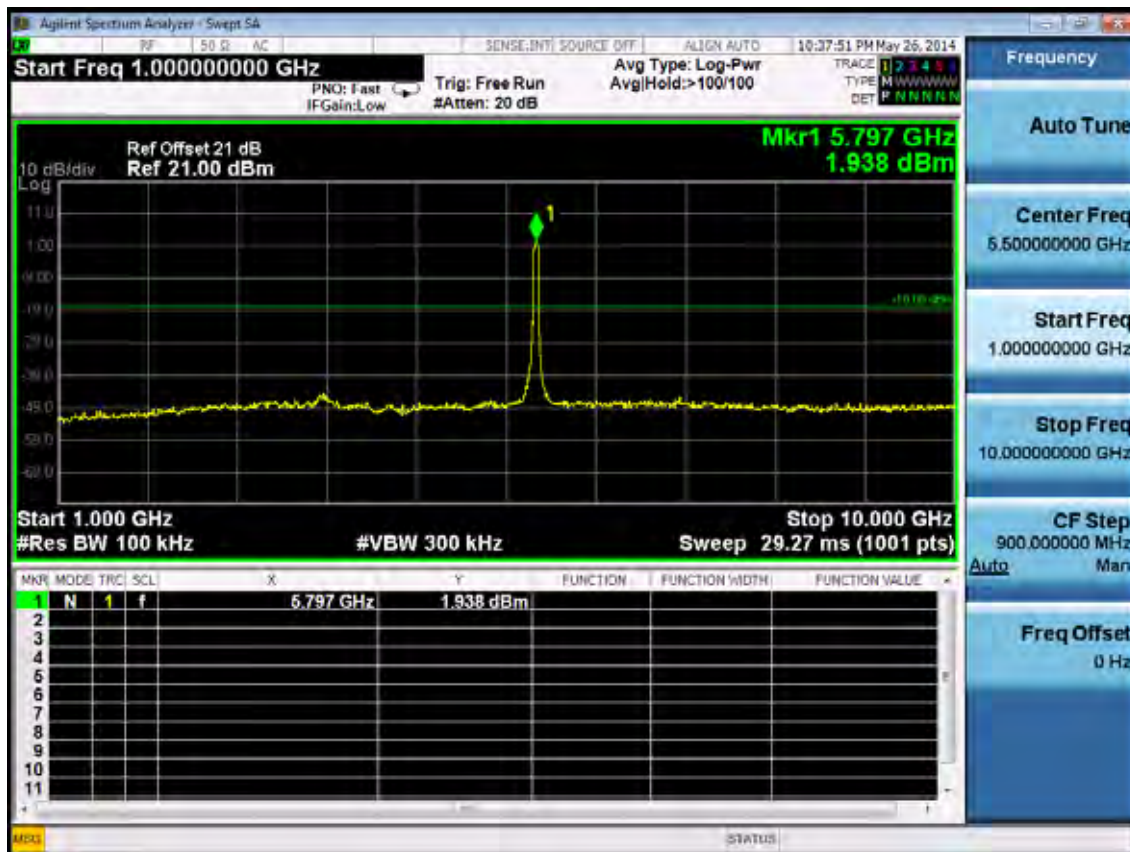
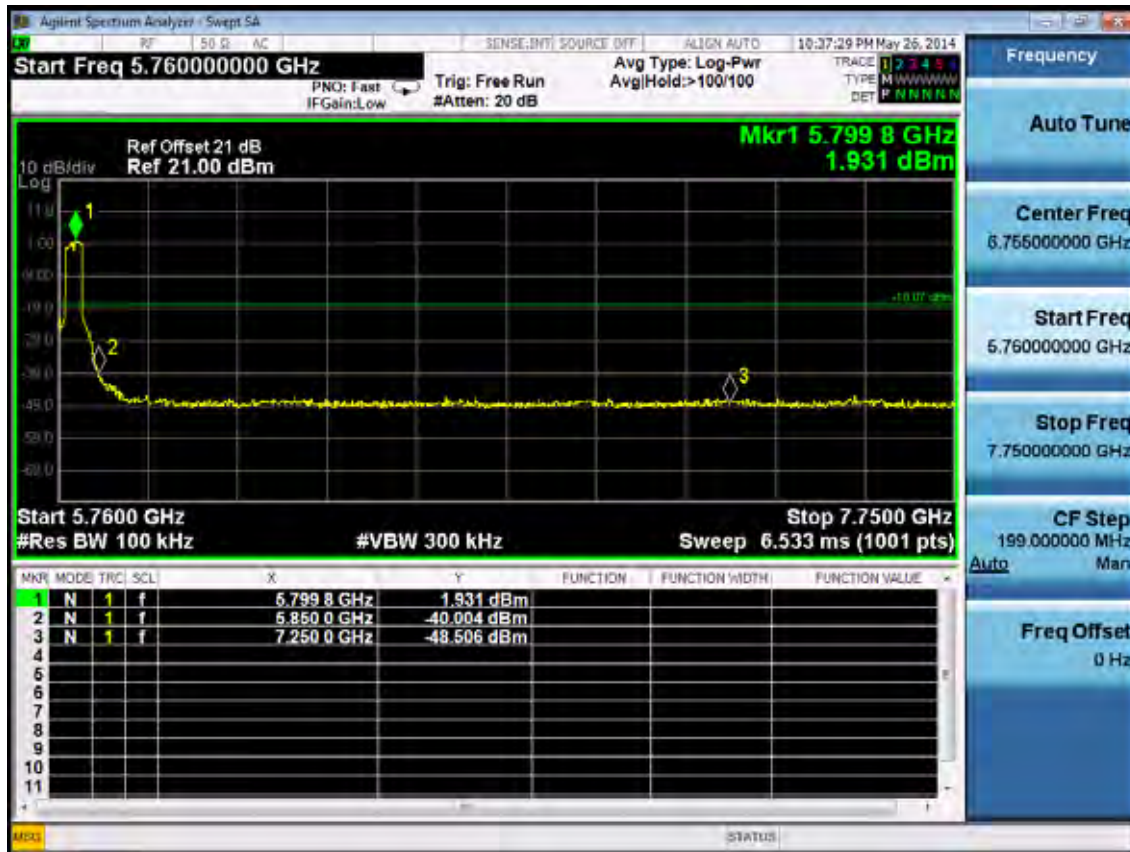


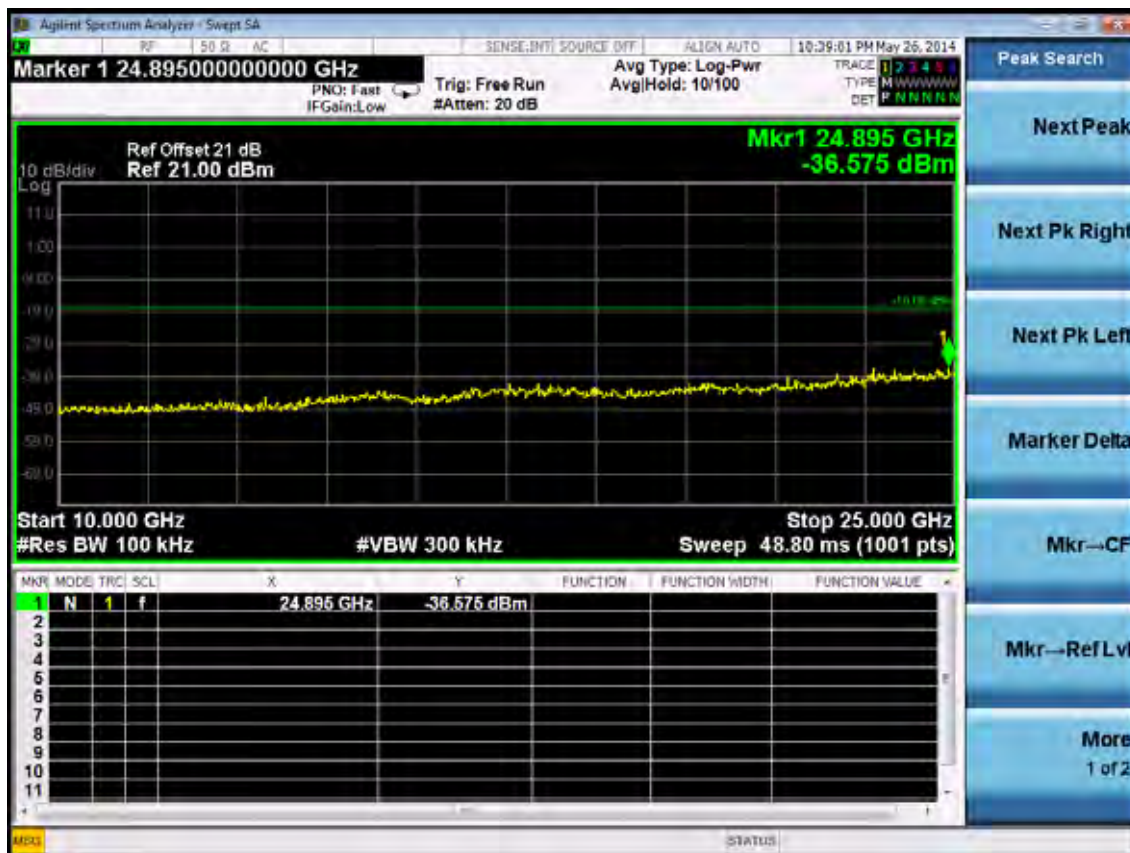
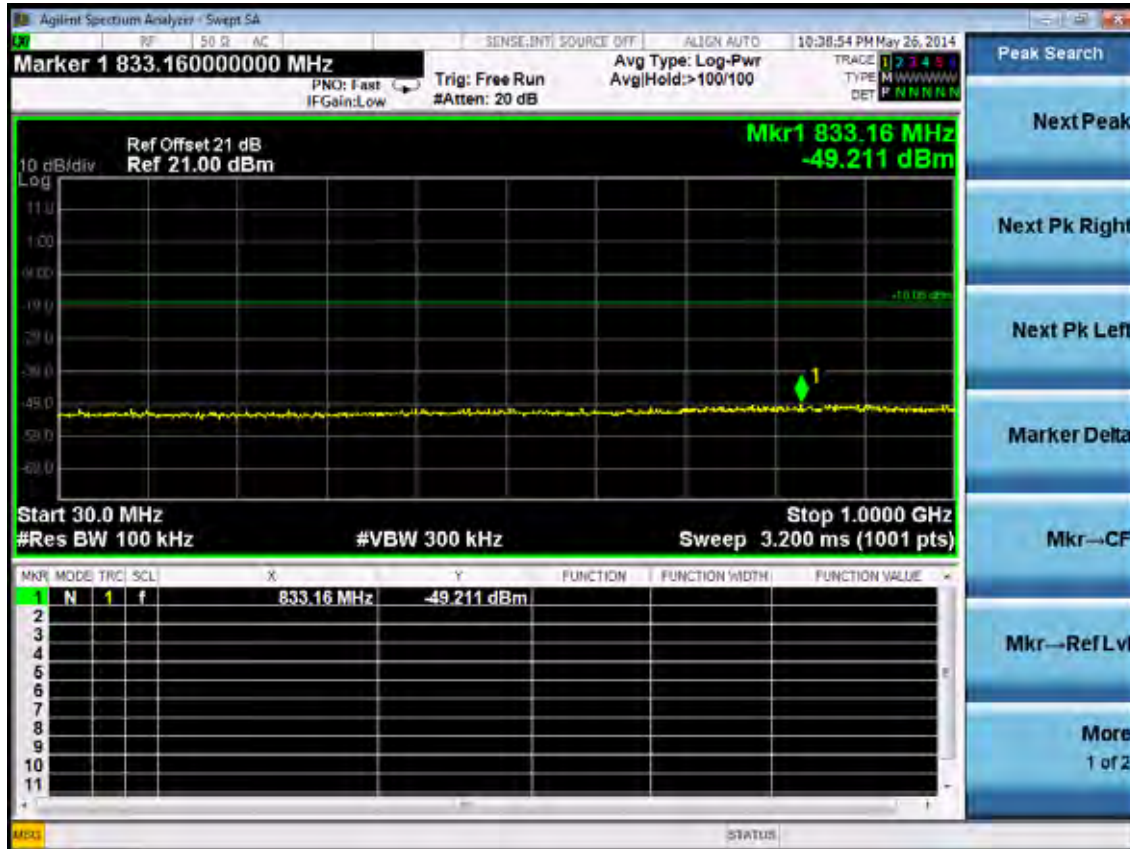
Test Mode: IEEE 802. 11ac VHT40 TX
Test CH148:5755MHz



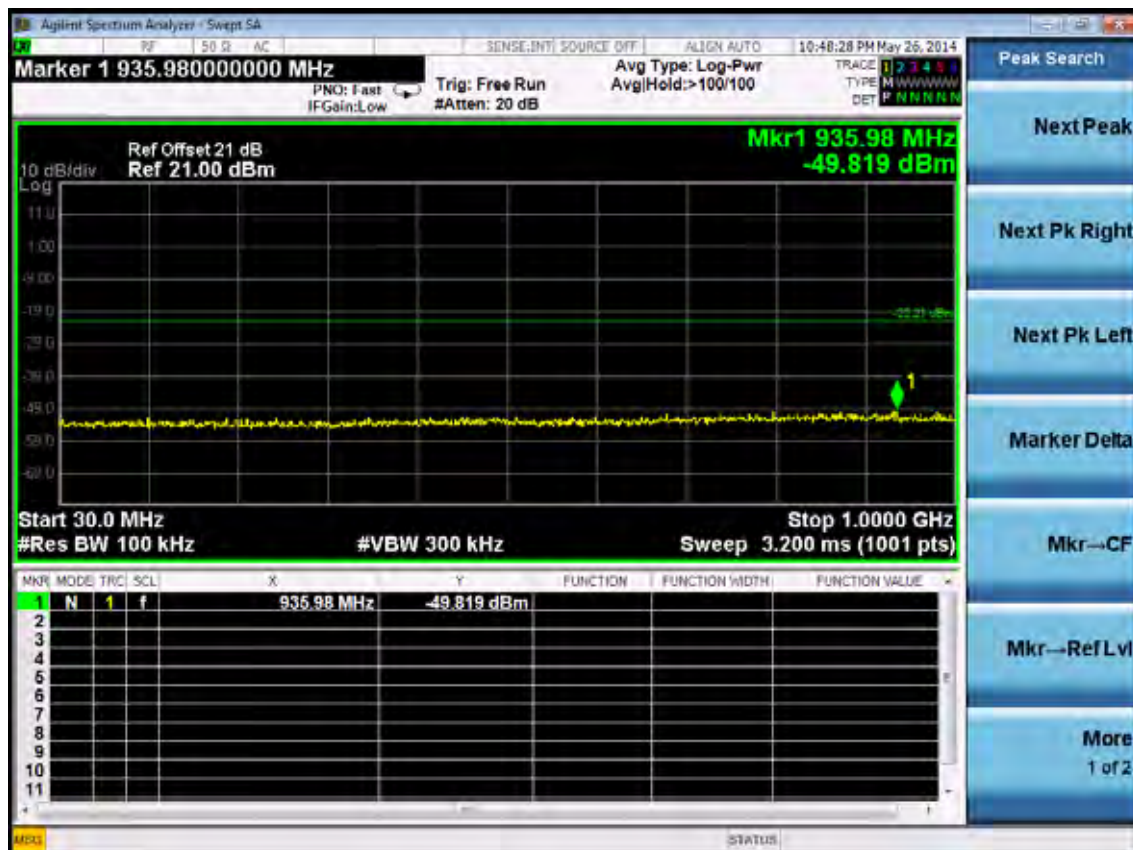
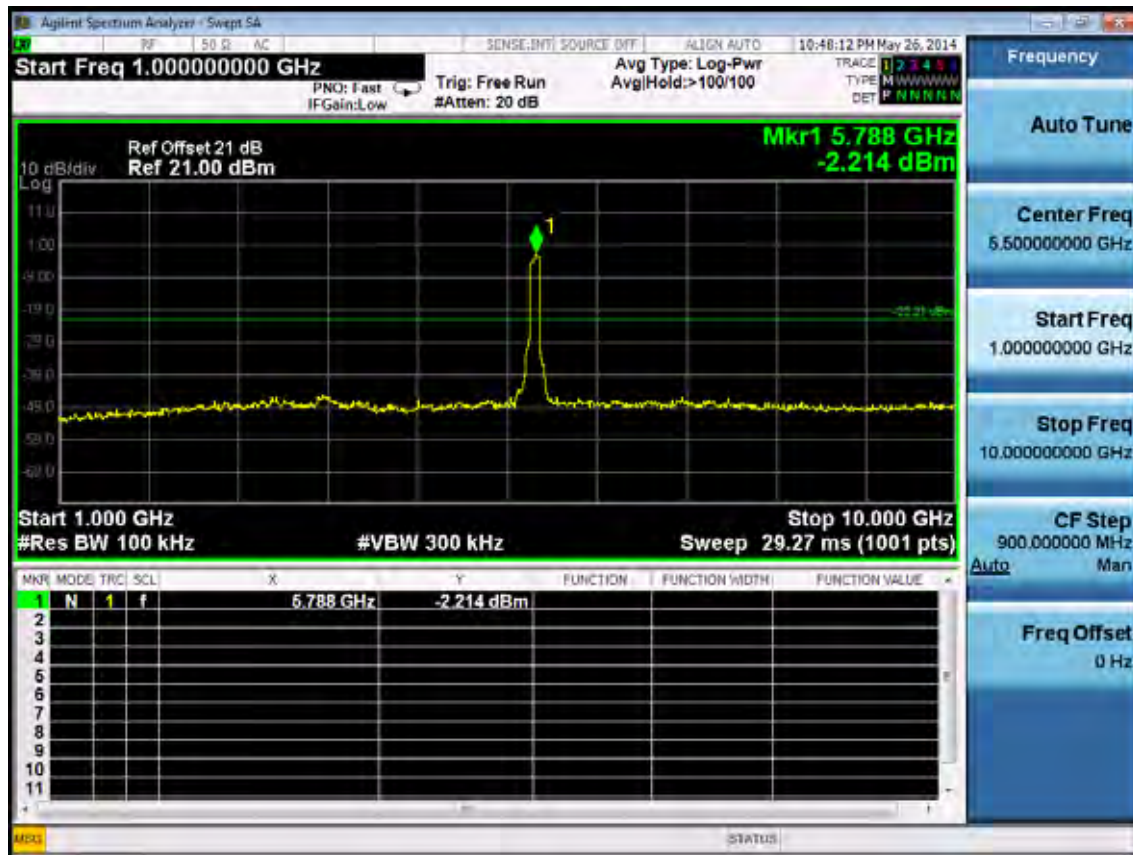


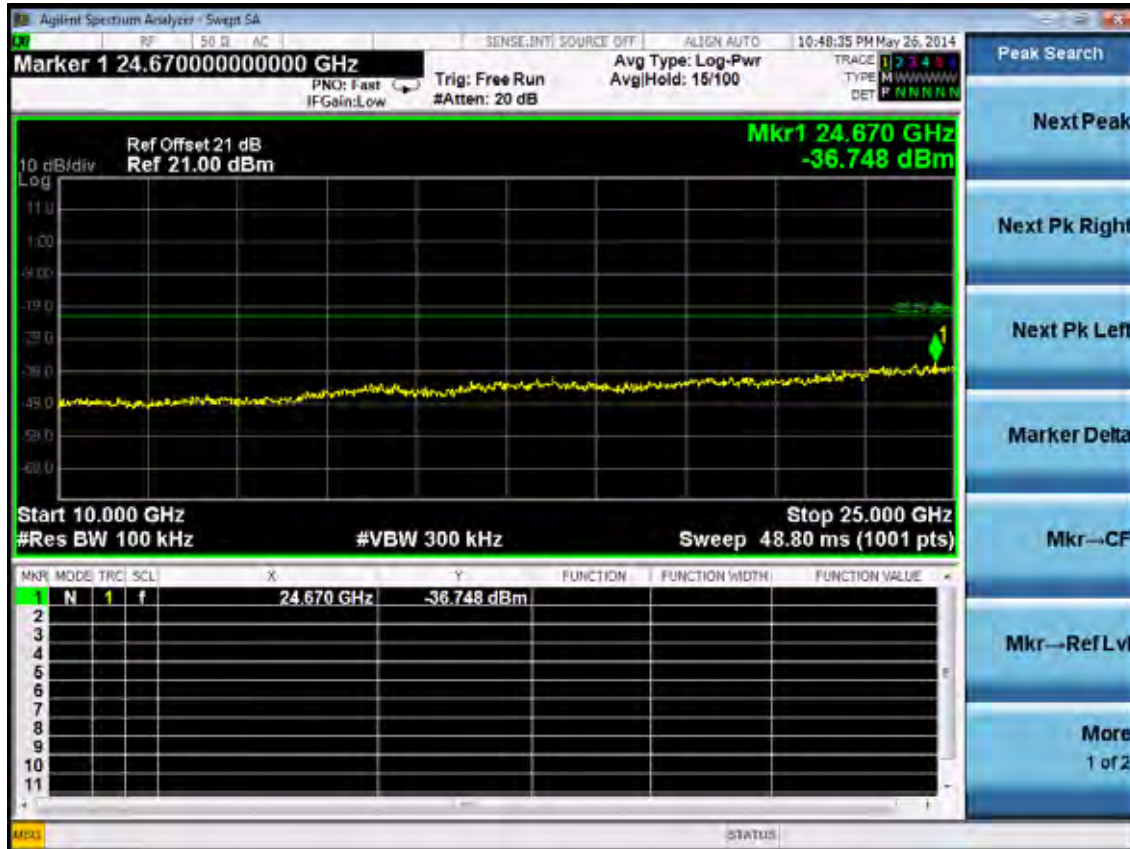
Test CH148:5795MHz

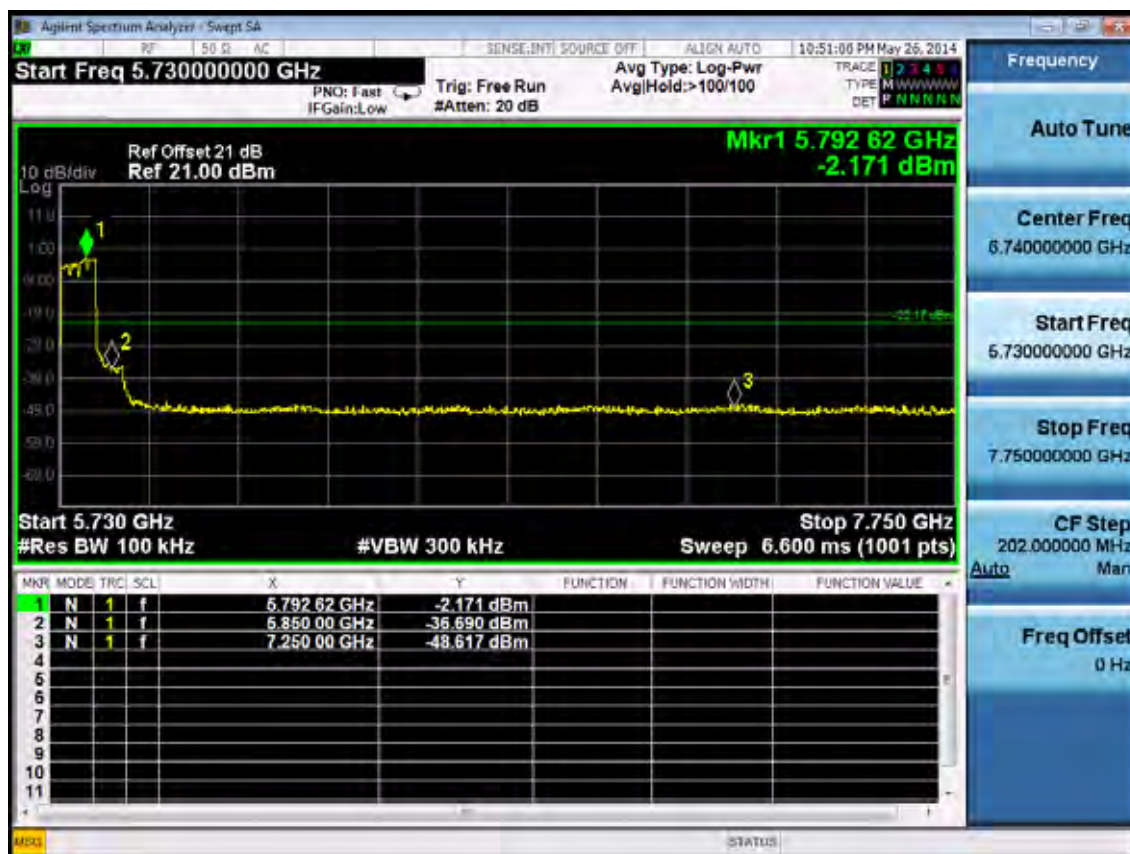




Test Mode: IEEE 802. 11ac VHT80 TX
Test CH148:5775MHz

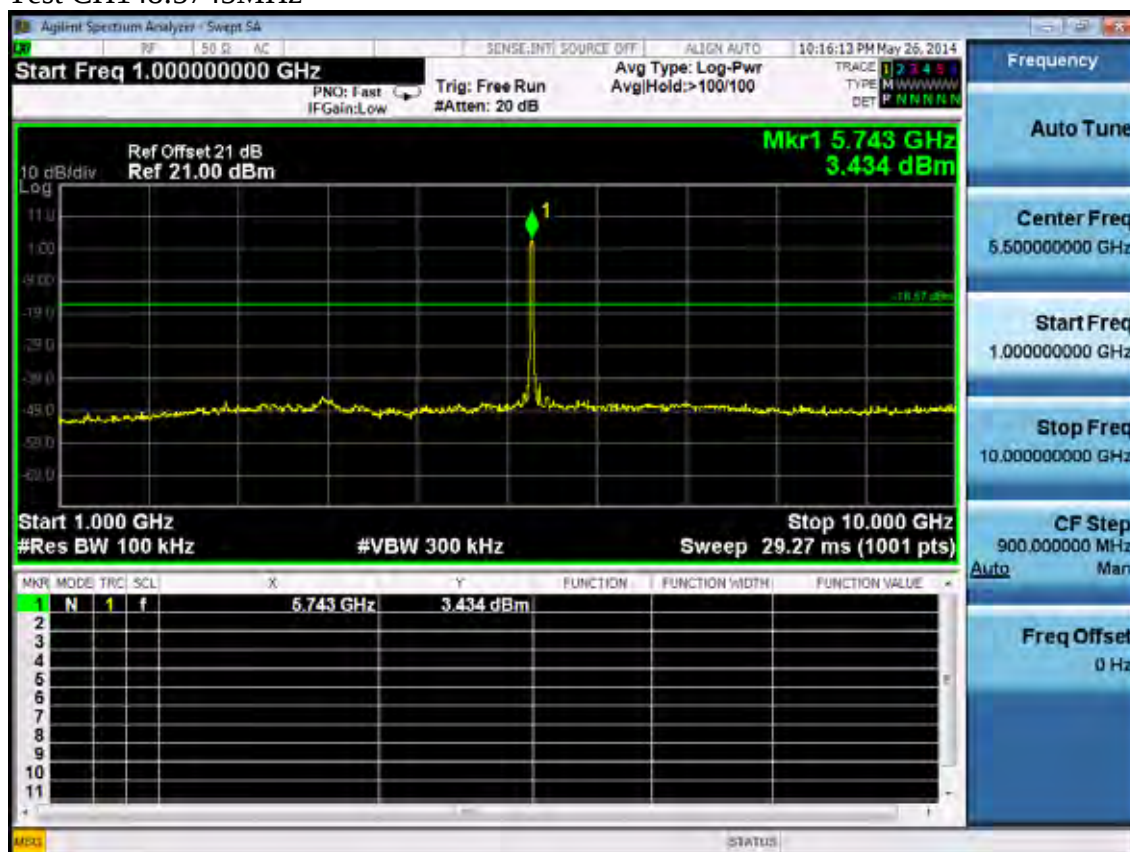


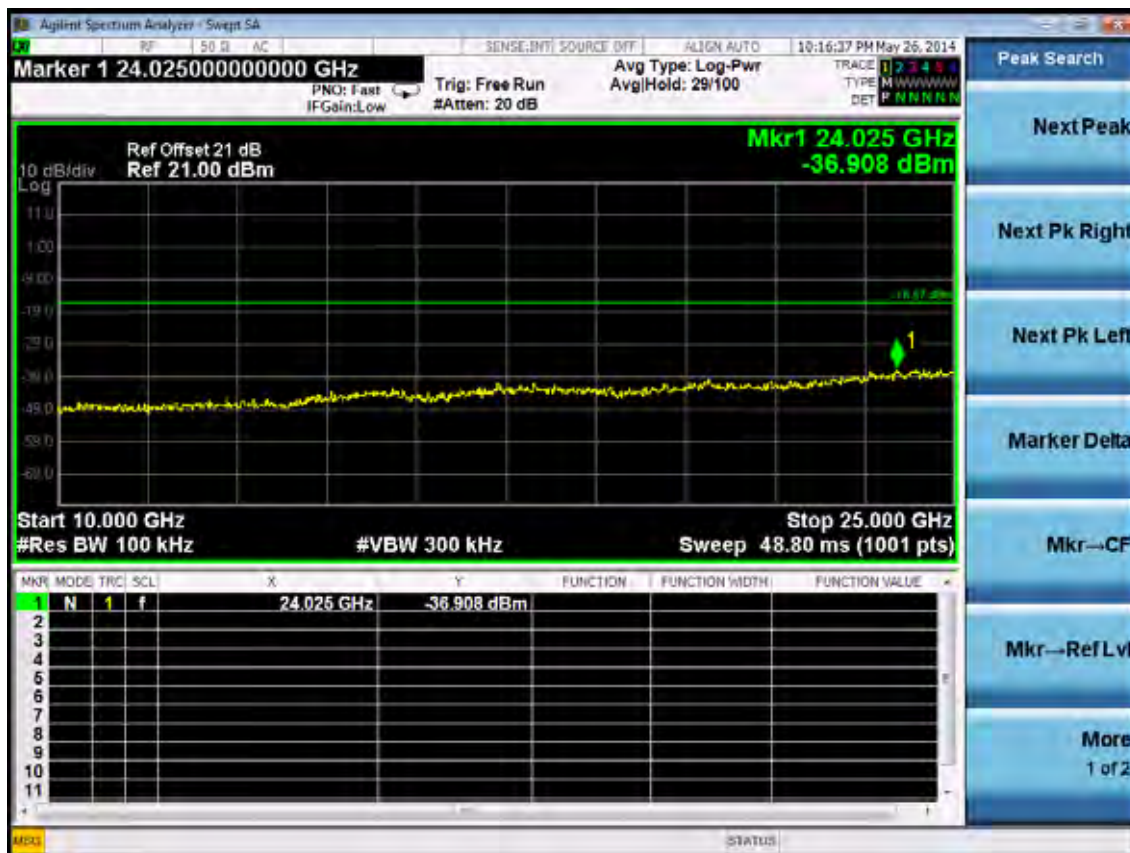
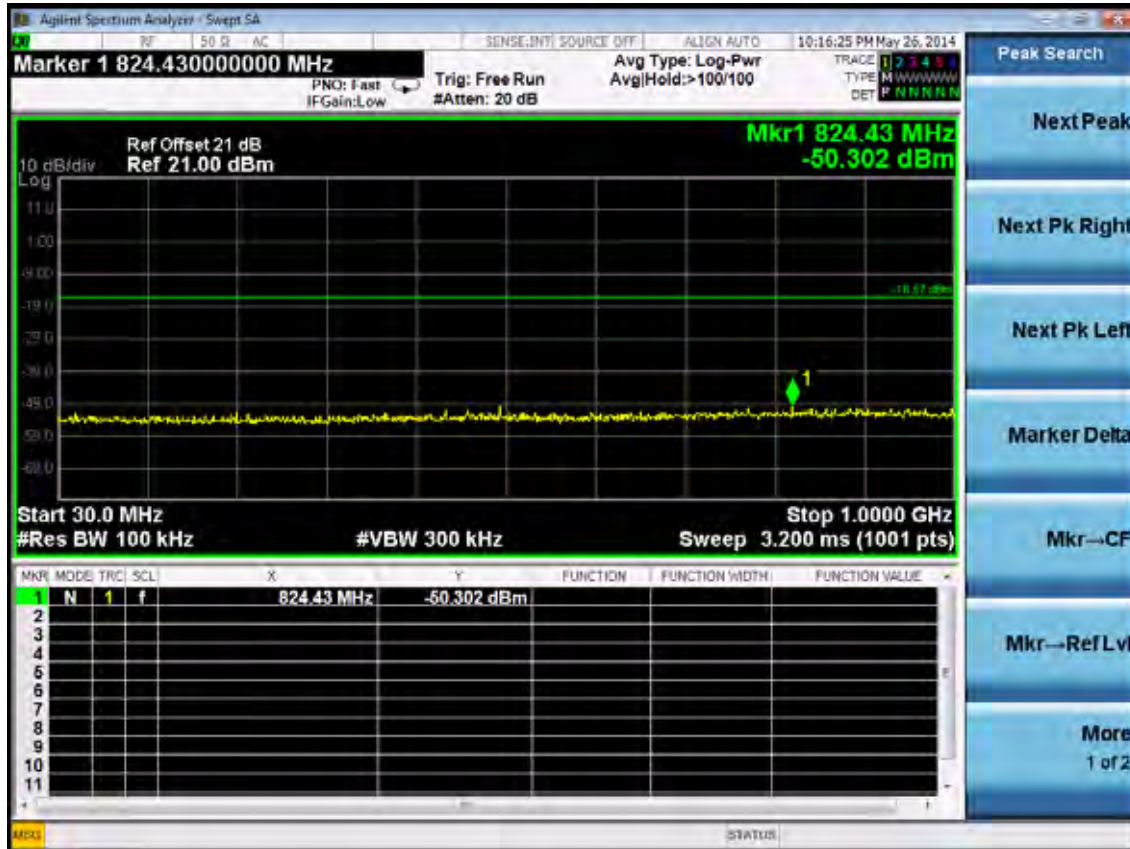


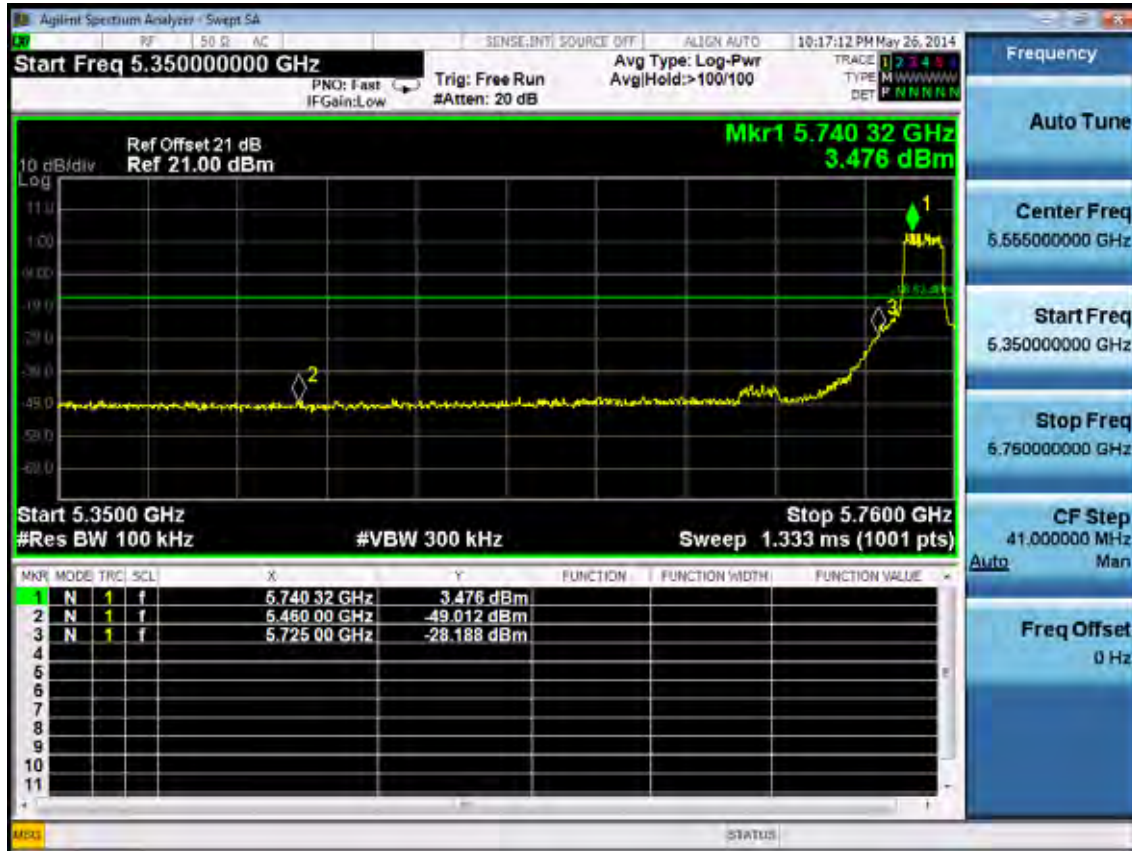


Test Mode: IEEE 802.11n HT20 TX

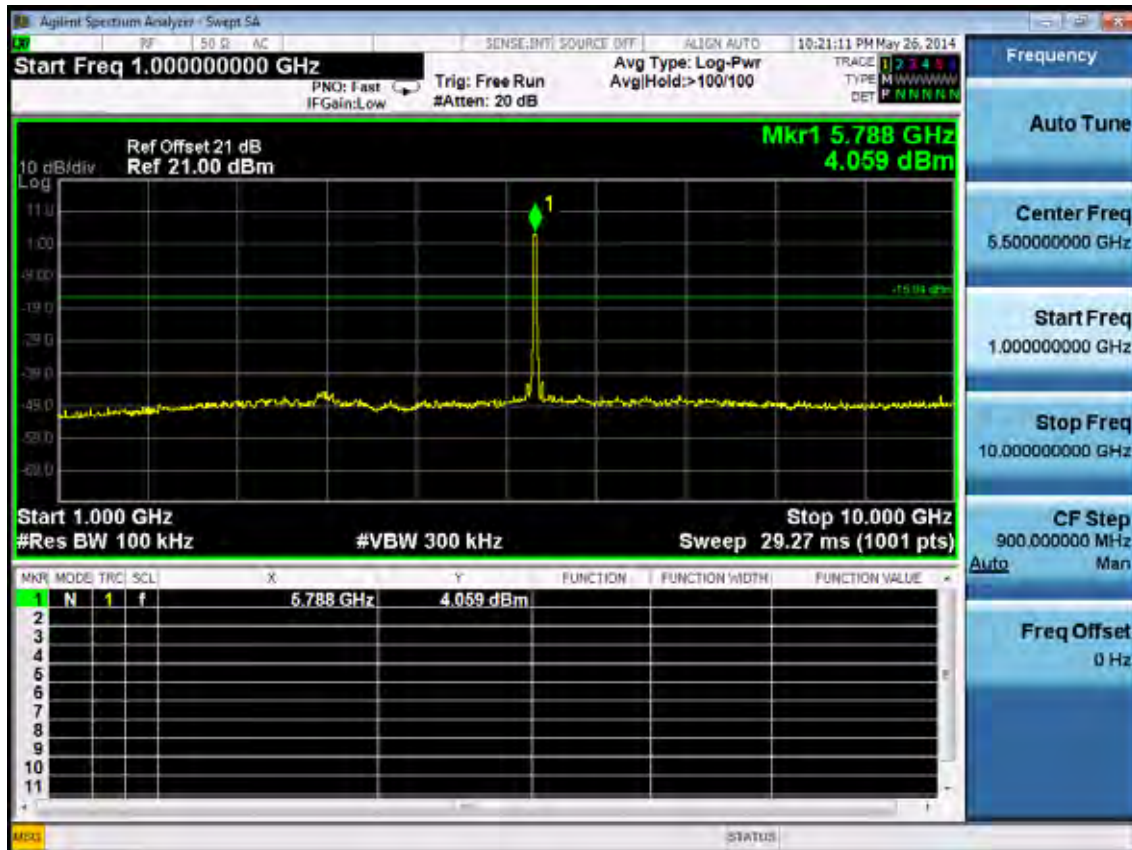
Test CH148:5745MHz

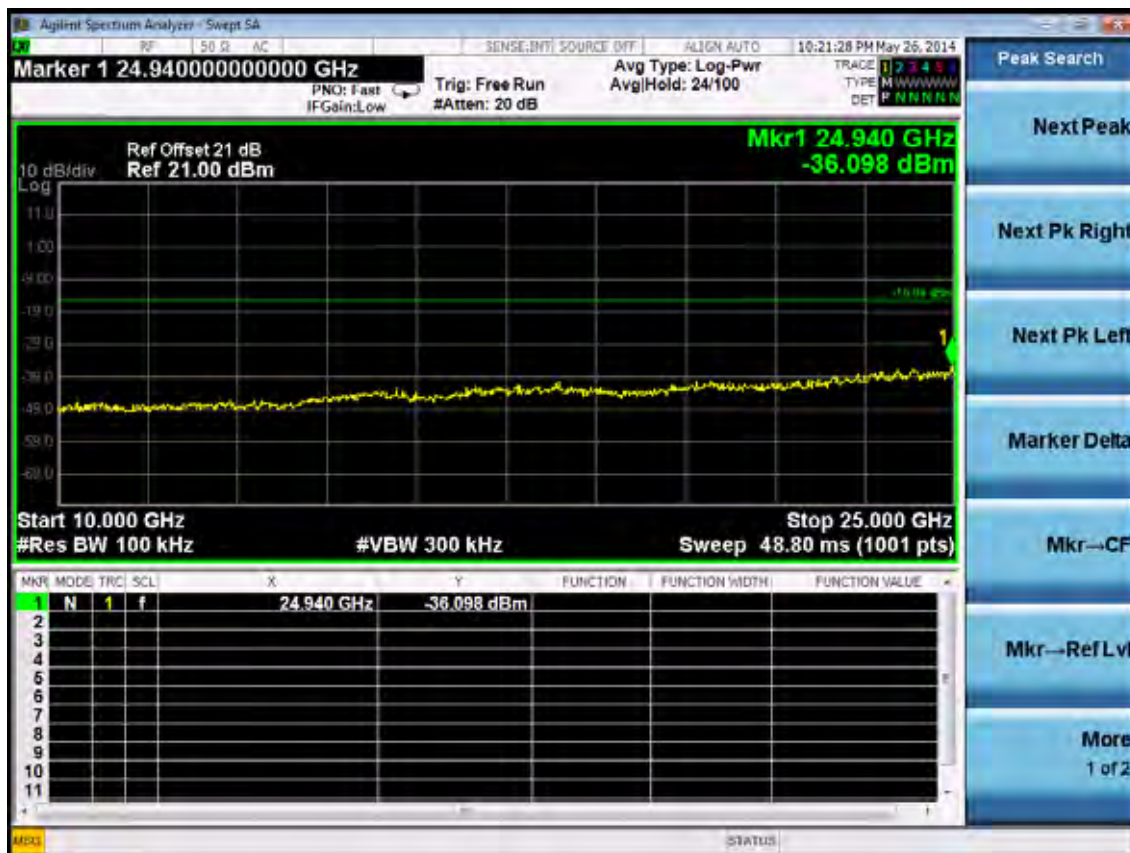
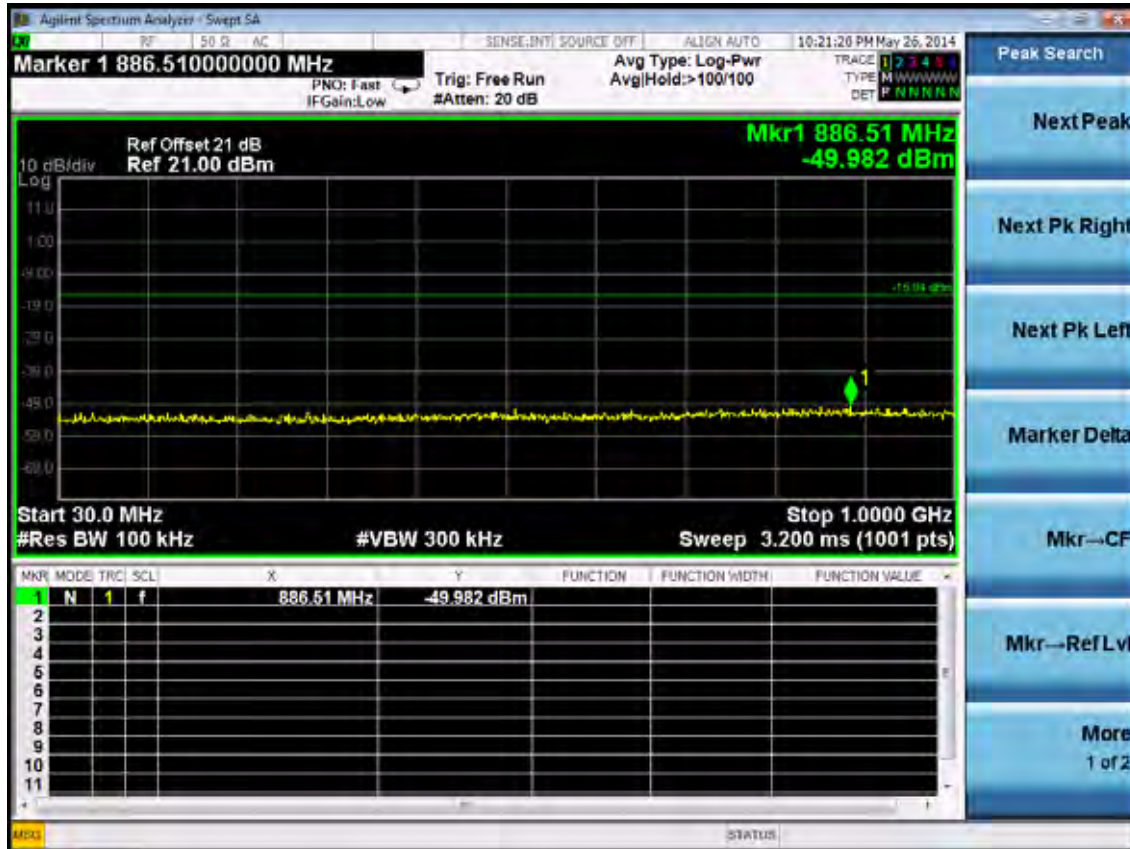




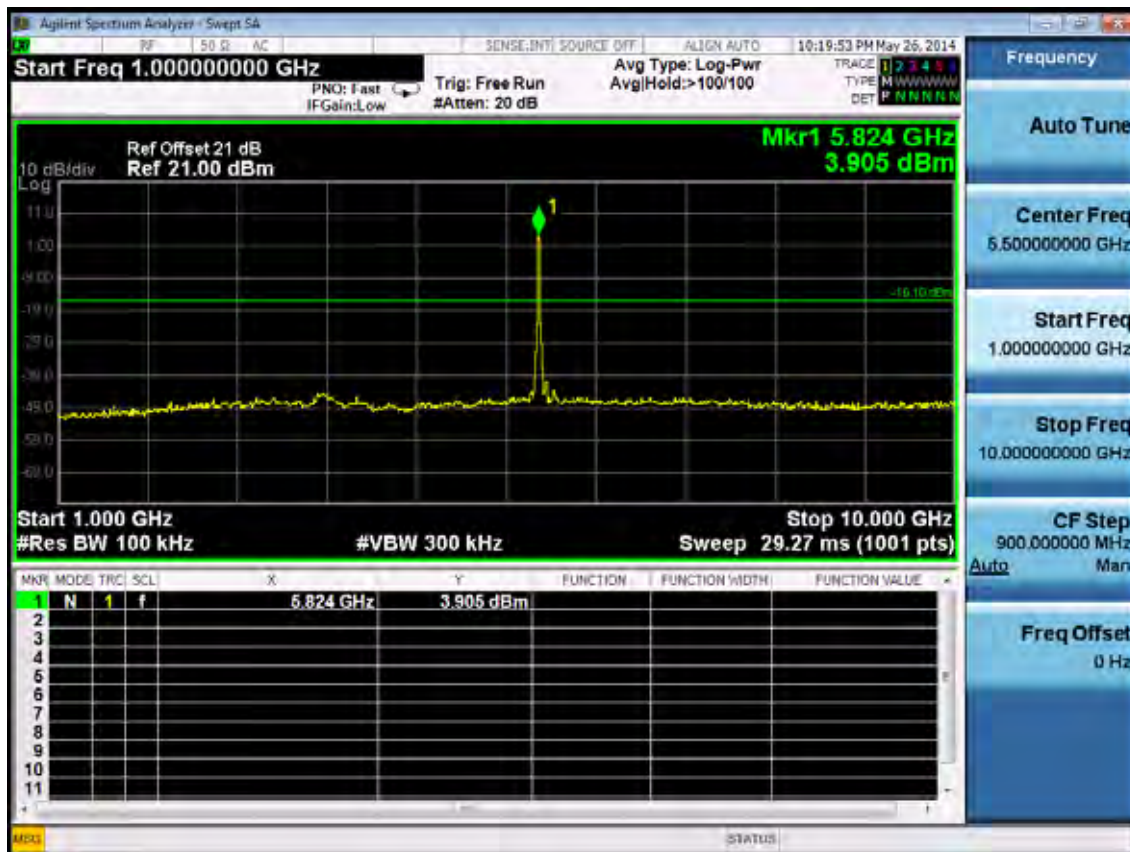
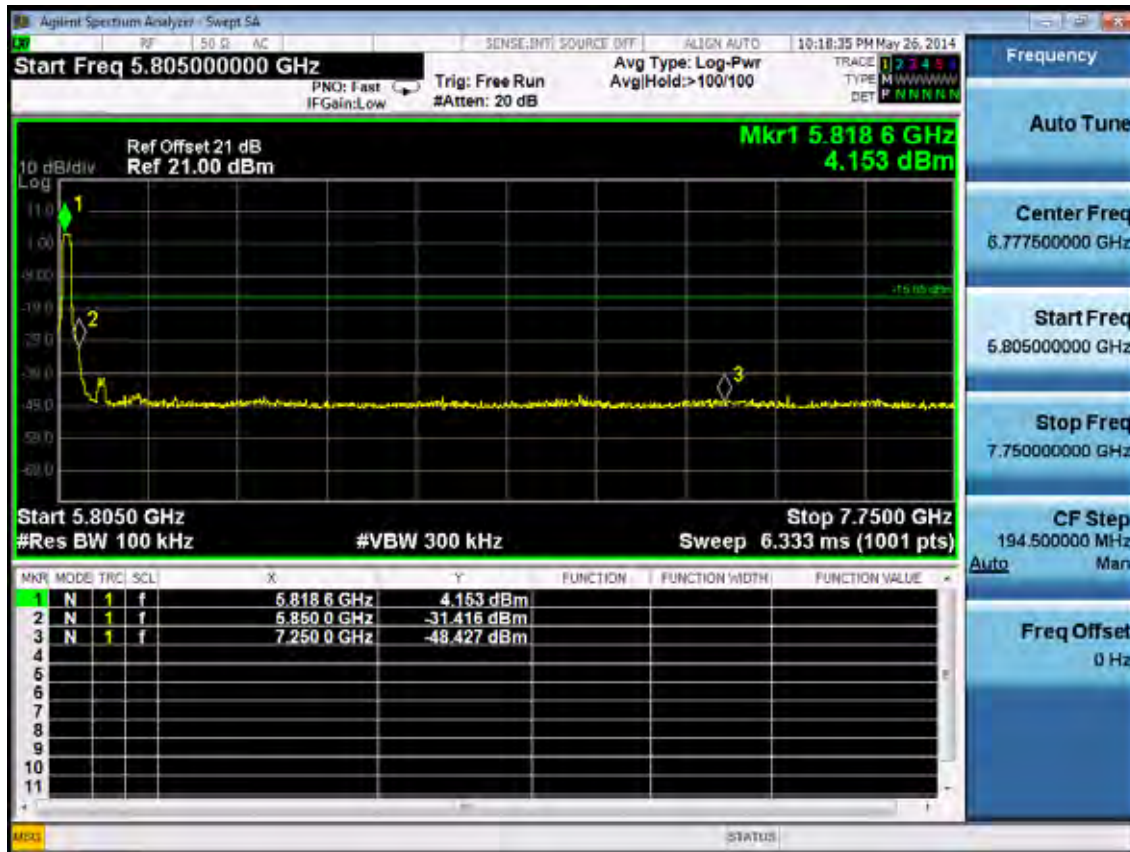


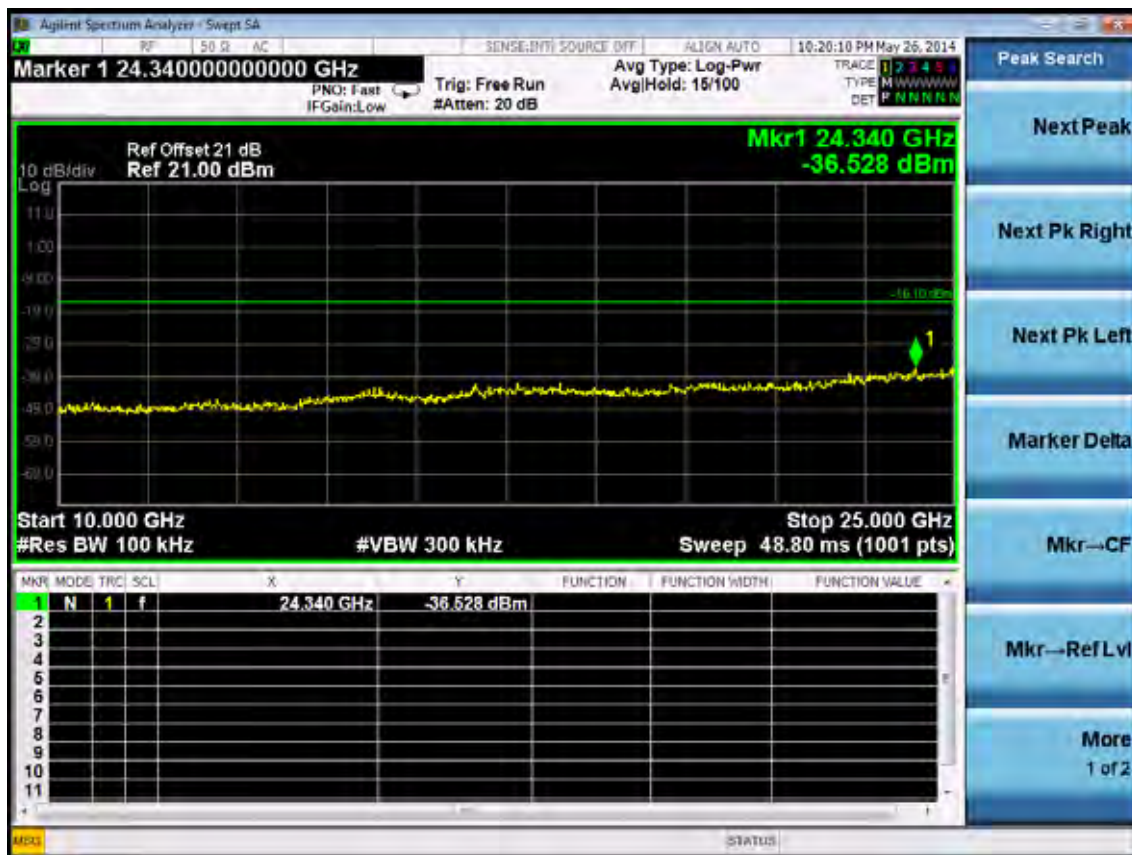
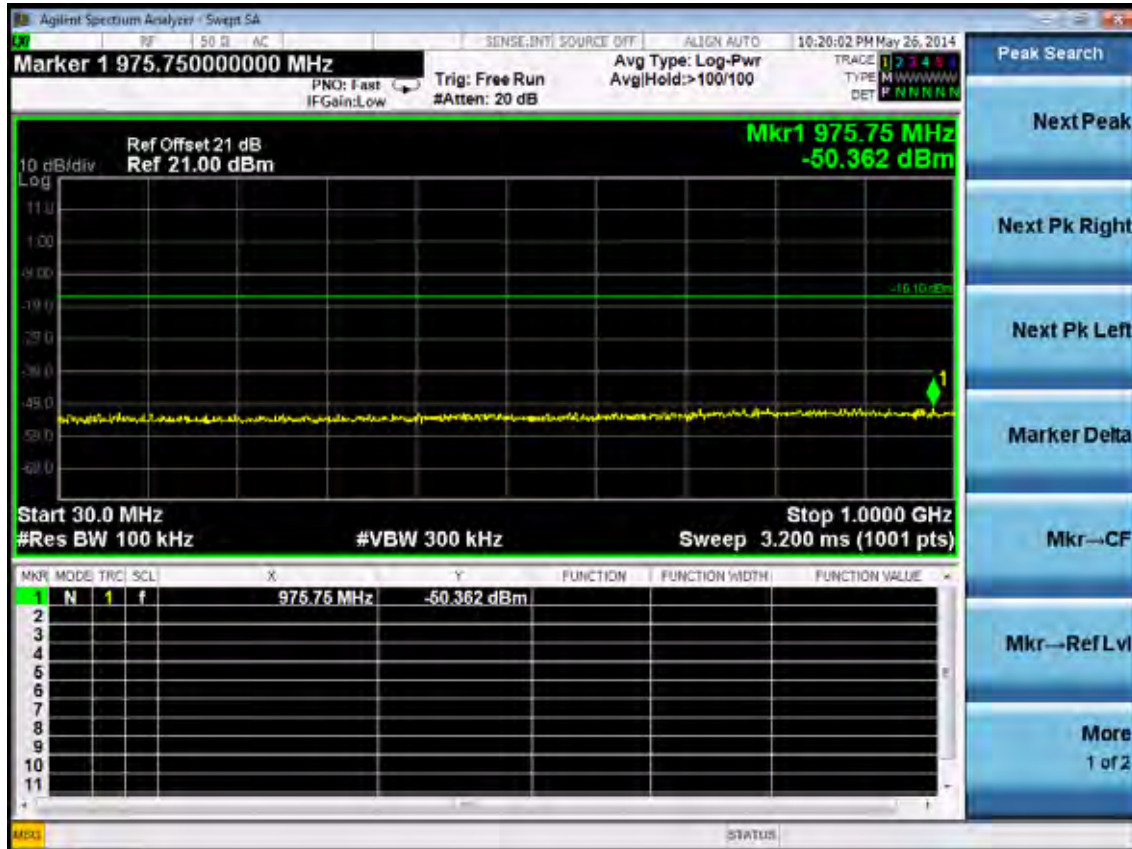
Test CH157: 5785MHz



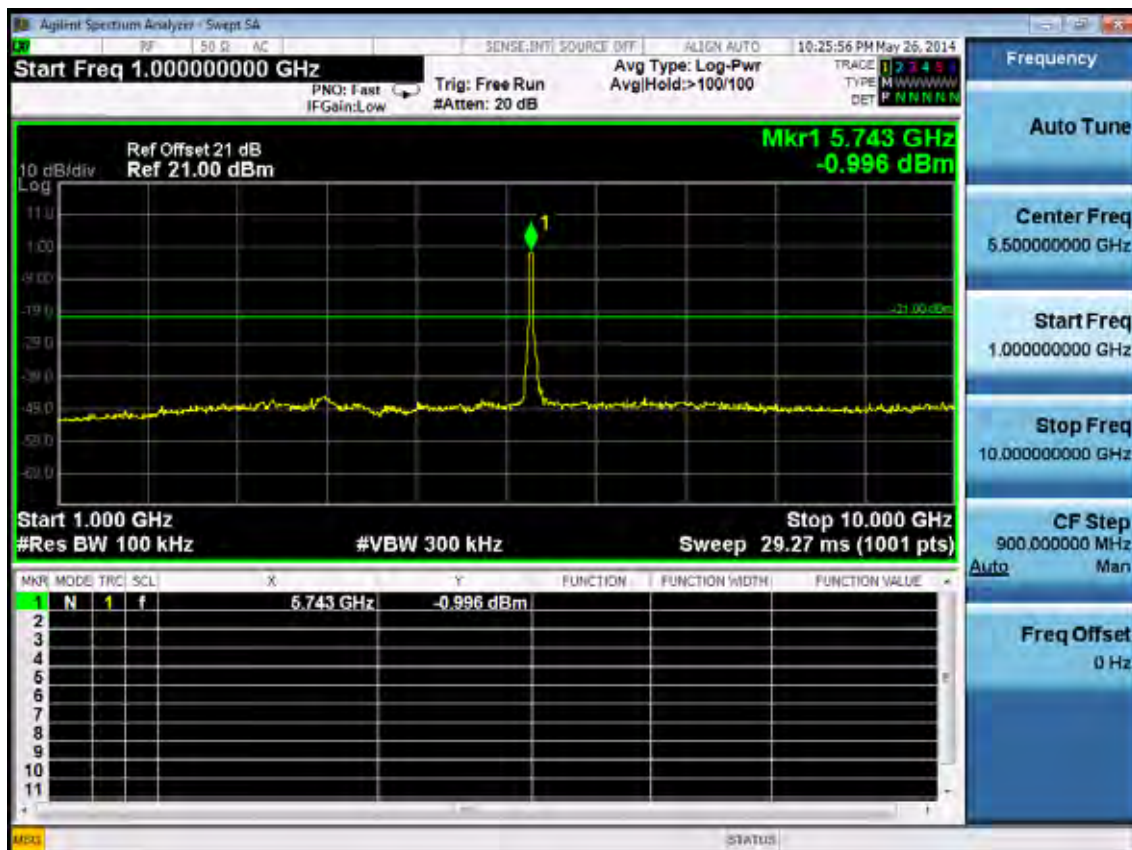
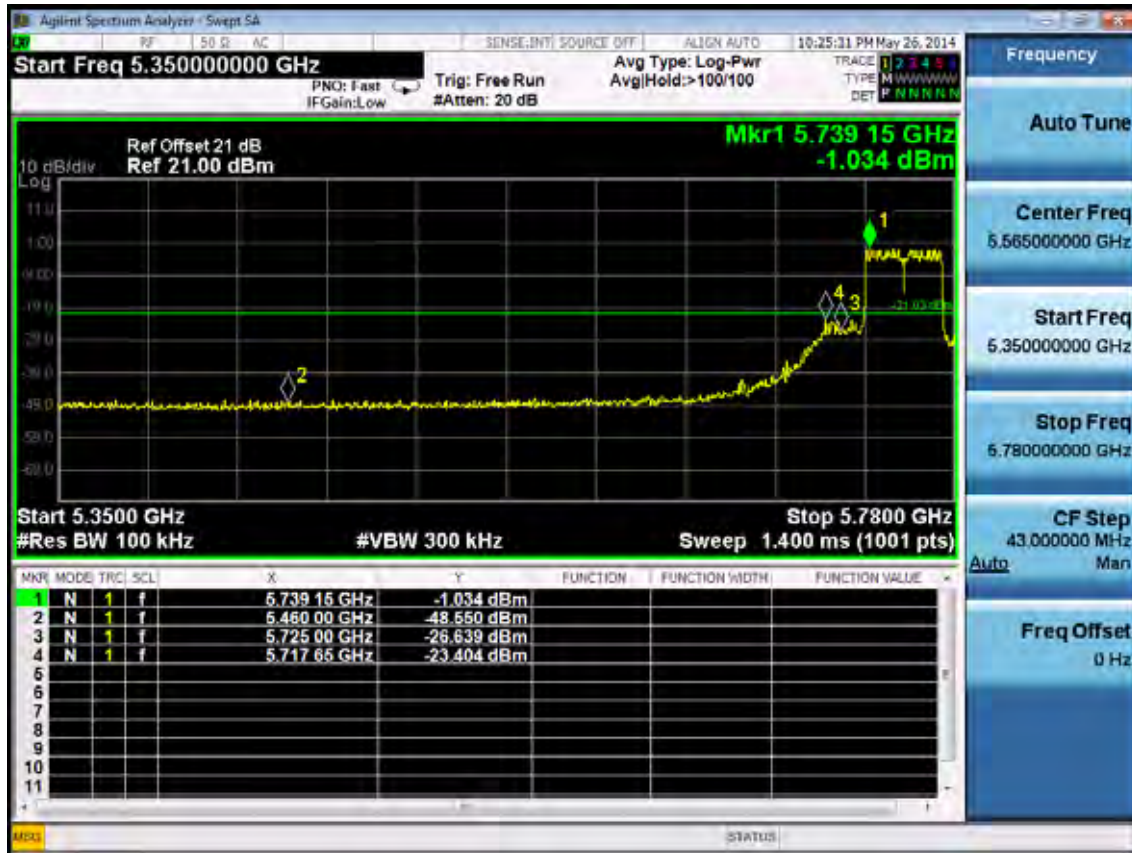


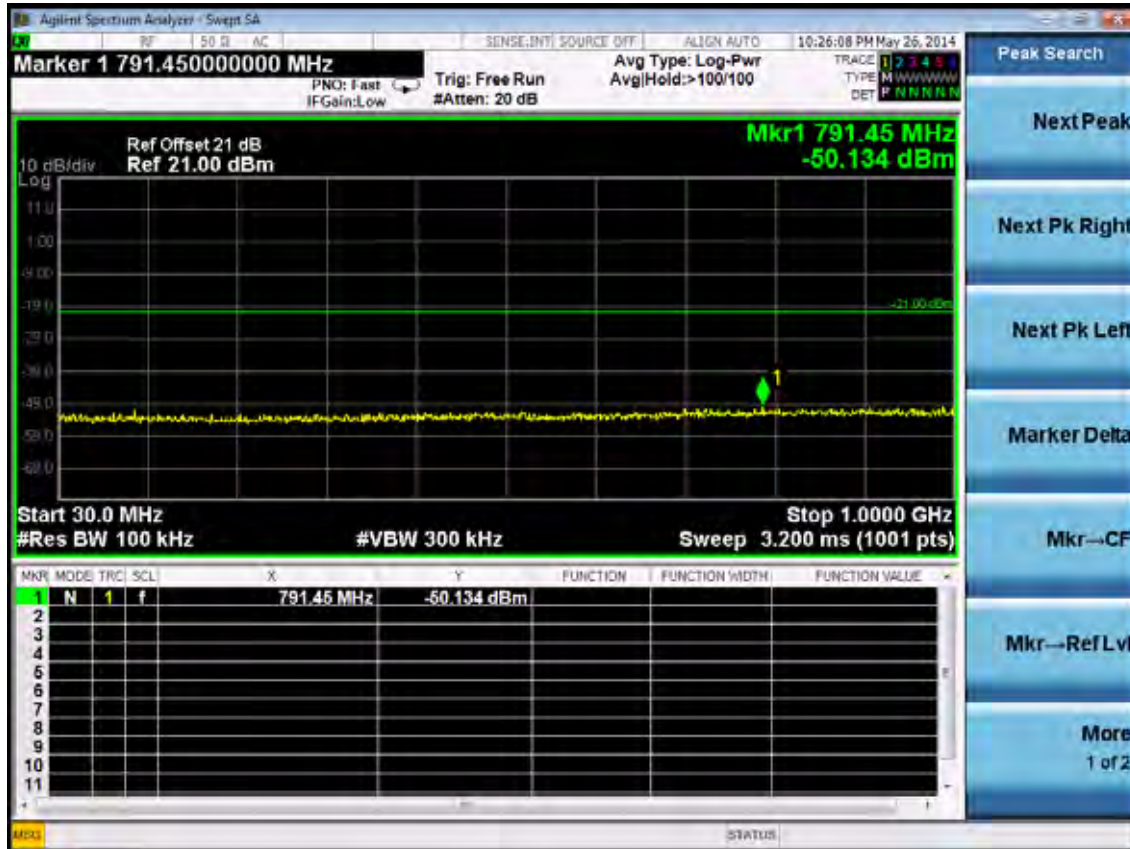
Test CH165: 5825MHz



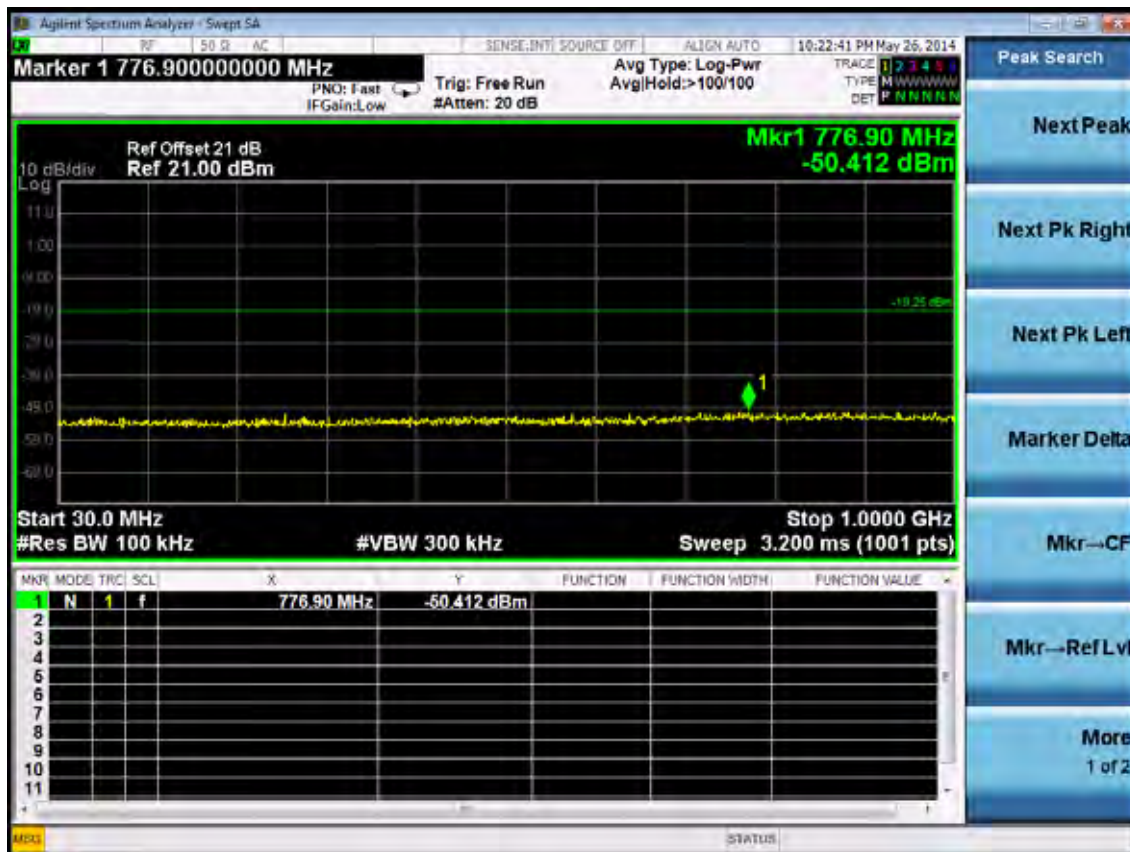
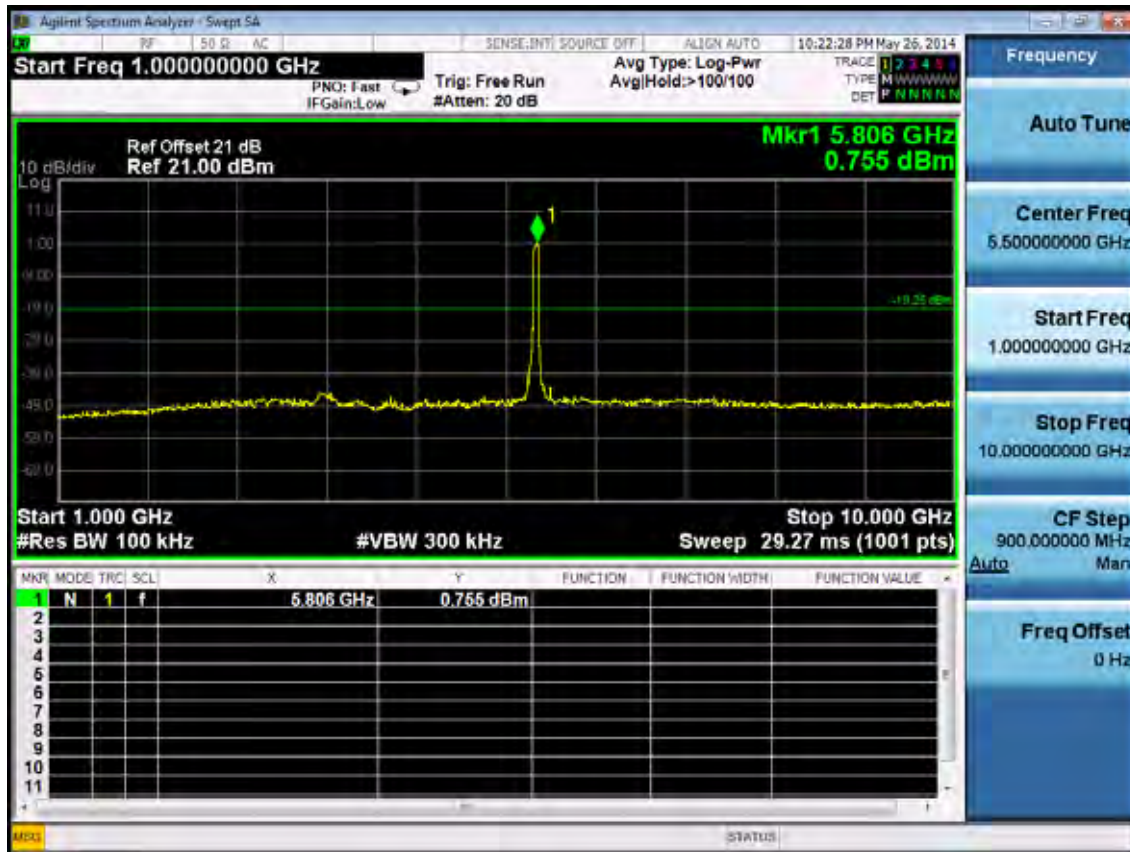


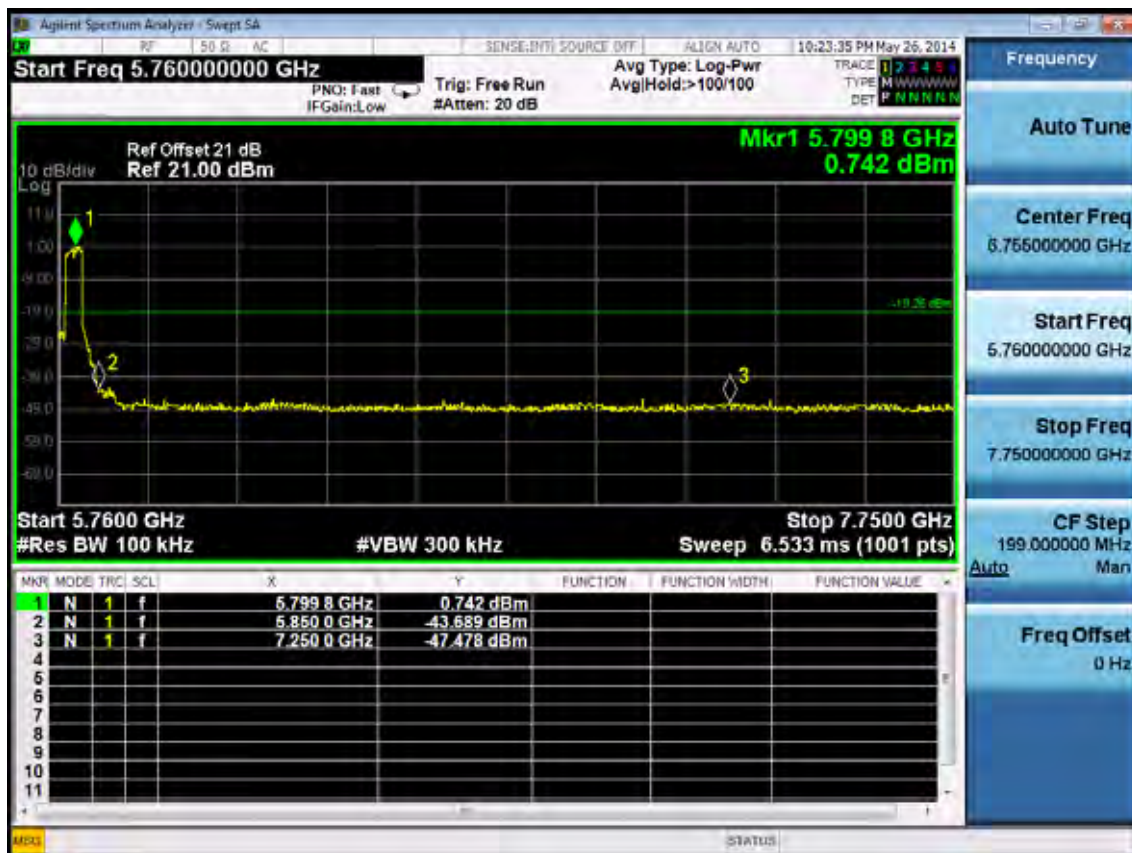
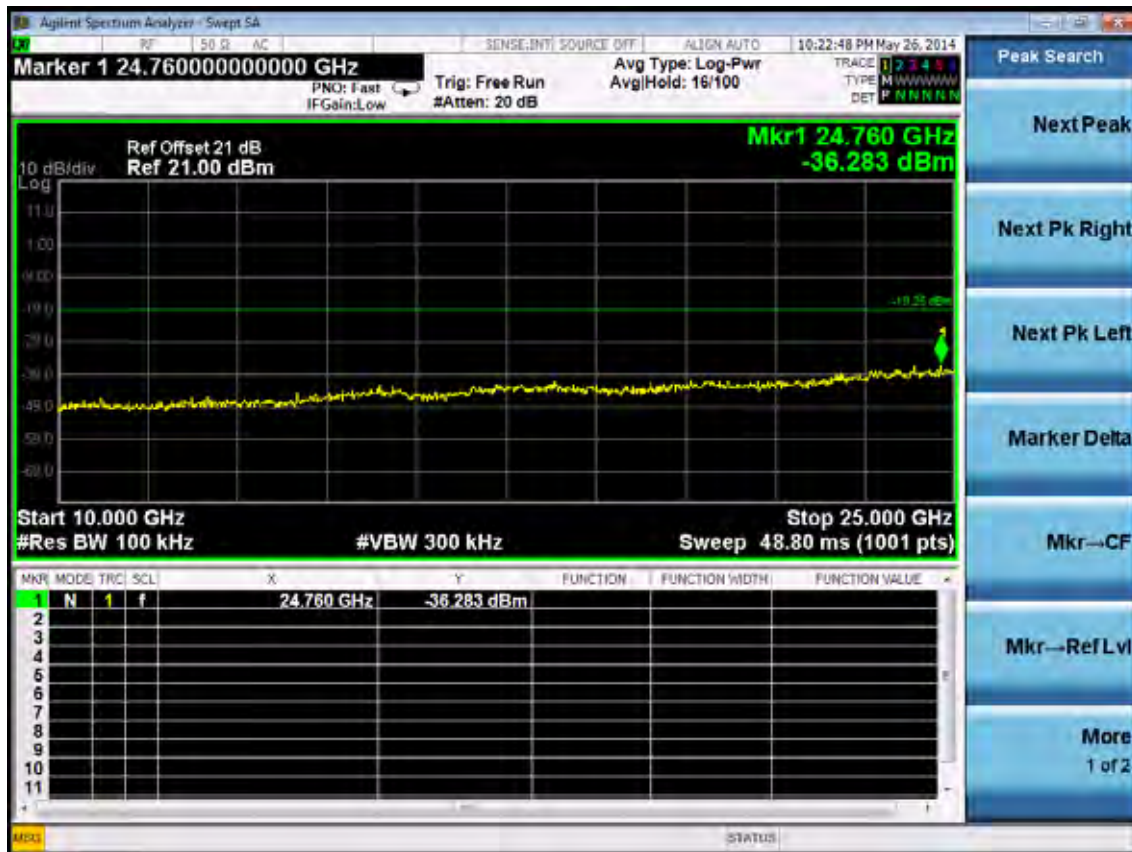
Test Mode: IEEE 802.11n HT40 TX
Test CH151: 5755MHz





Test CH159: 5795MHz





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	9607-4877	Aug.27, 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

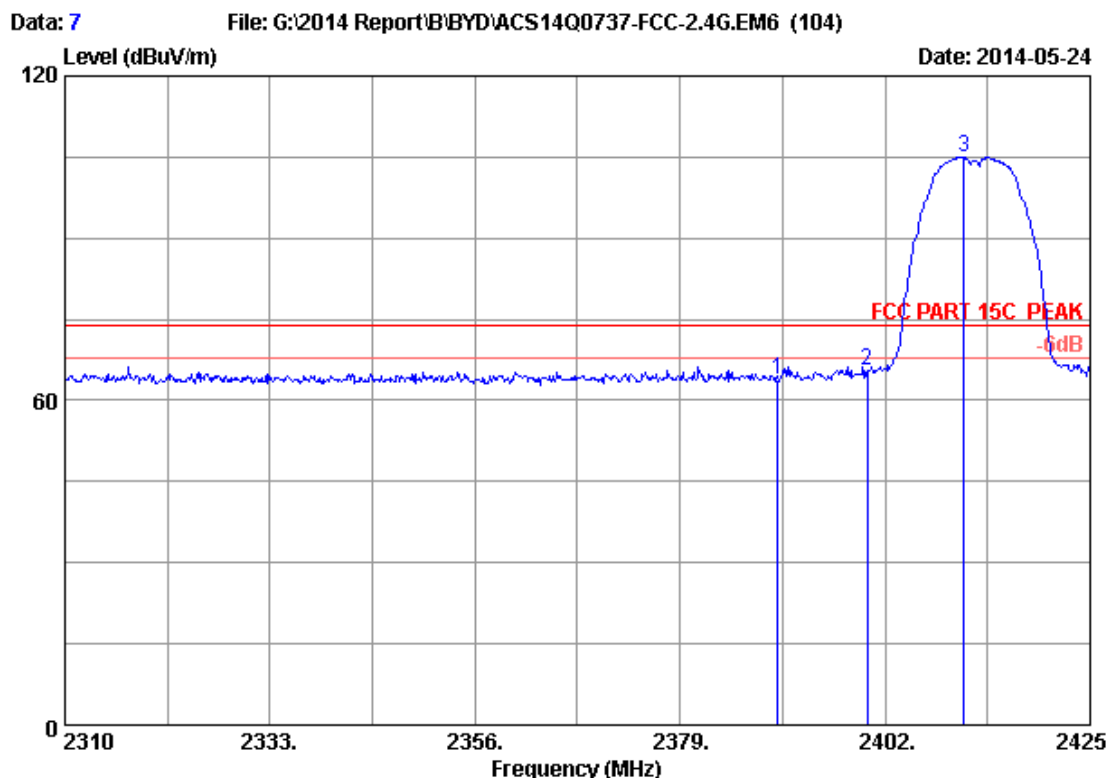
All the lower and upper band-edges emissions appearing within 5.35-5.46GHz and 7.25-7.75GHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 5725MHz to 5850MHz shall be at least 20dB below the fundamental emissions, or comply 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

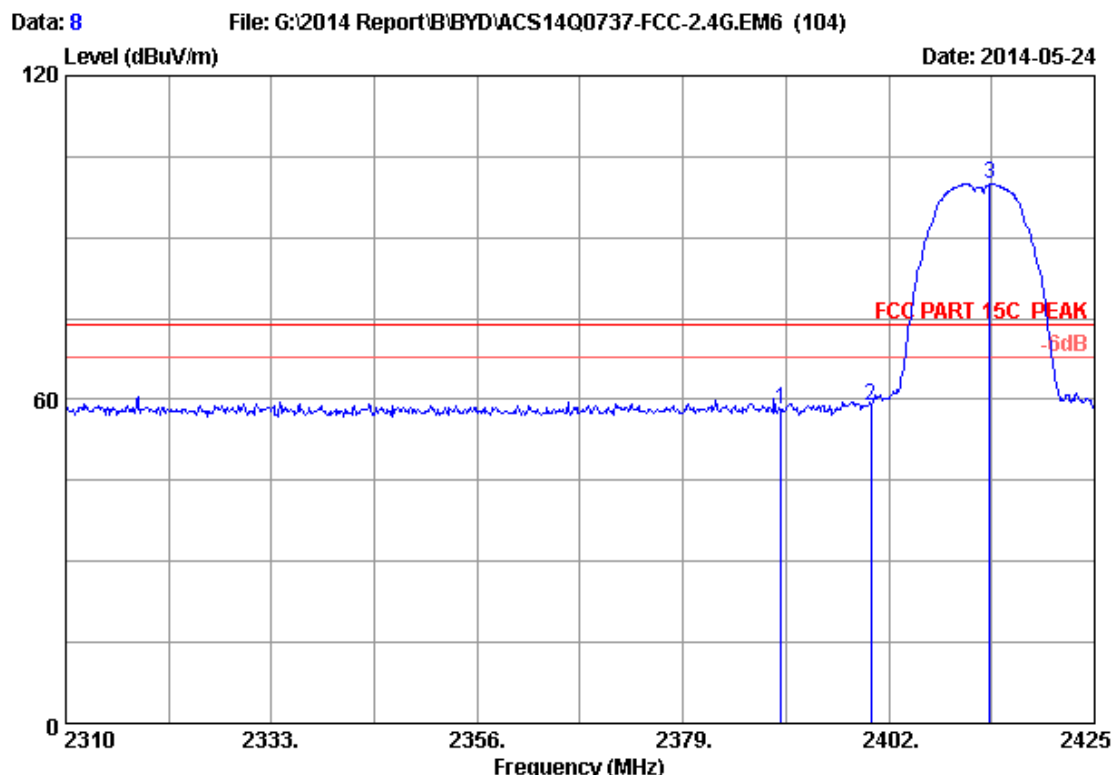
Pass (The testing data was attached in the next pages.)

2.4G:


Site no. : 3m Chamber Data no. : 7
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11b 2412MHz Tx
 M/N : BEL01

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	65.71	63.95	74.00	10.05	Peak
2	2400.000	28.18	5.80	35.70	67.10	65.38	74.00	8.62	Peak
3	2410.855	28.20	5.81	35.70	106.67	104.98	74.00	-30.98	Peak

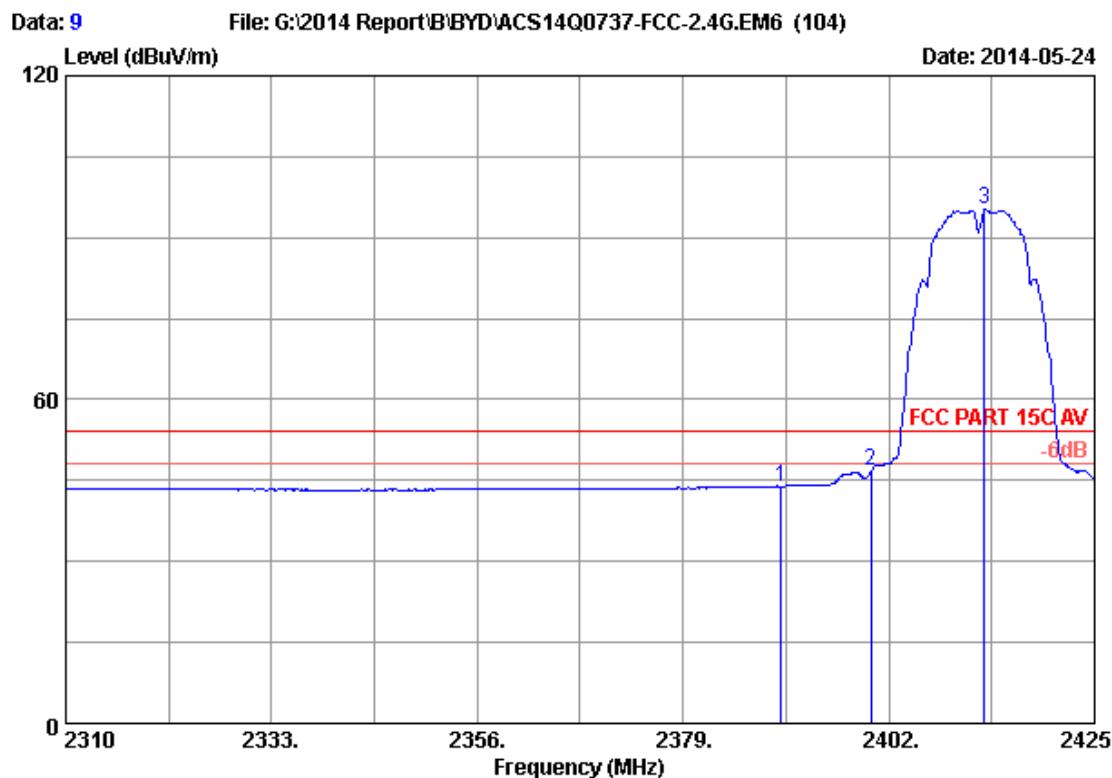
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 8
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11b 2412MHz Tx
 M/N : BEL01

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	59.84	58.08	74.00	15.92	Peak
2	2400.000	28.18	5.80	35.70	60.70	58.98	74.00	15.02	Peak
3	2413.270	28.21	5.82	35.70	101.58	99.91	74.00	-25.91	Peak

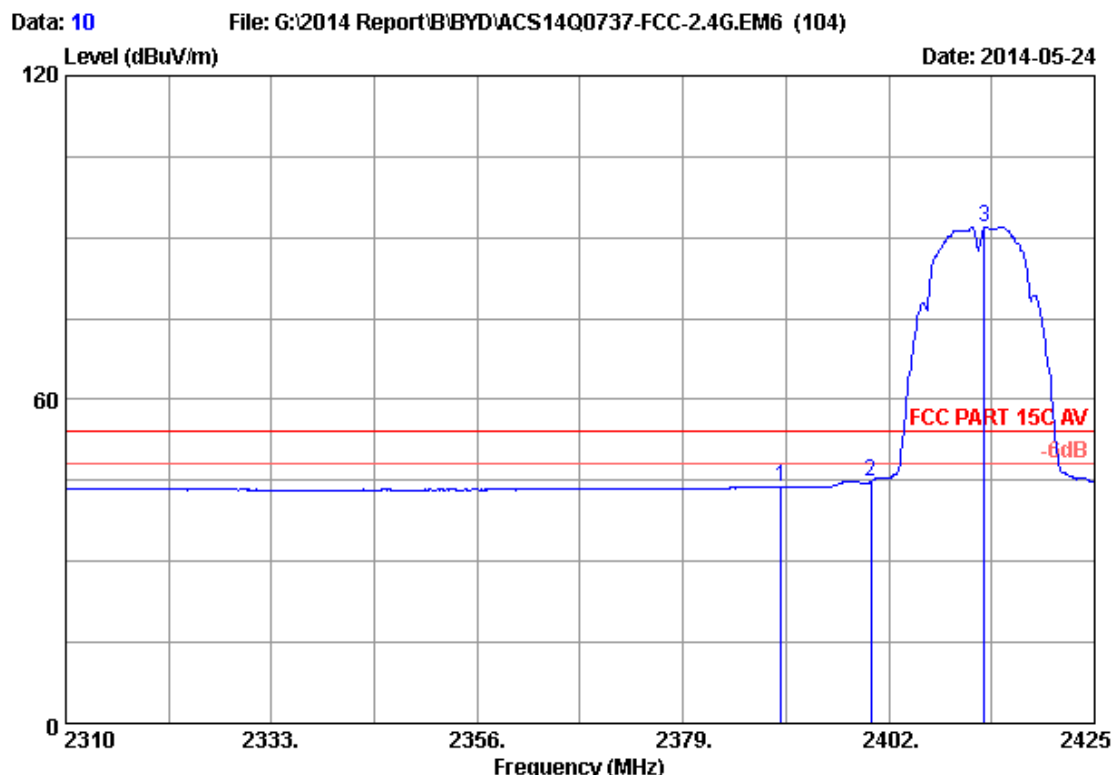
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 9
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11b 2412MHz Tx
 M/N : BEL01

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	45.71	43.95	54.00	10.05	Average
2	2400.000	28.18	5.80	35.70	48.67	46.95	54.00	7.05	Average
3	2412.695	28.21	5.82	35.70	96.78	95.11	54.00	-41.11	Average

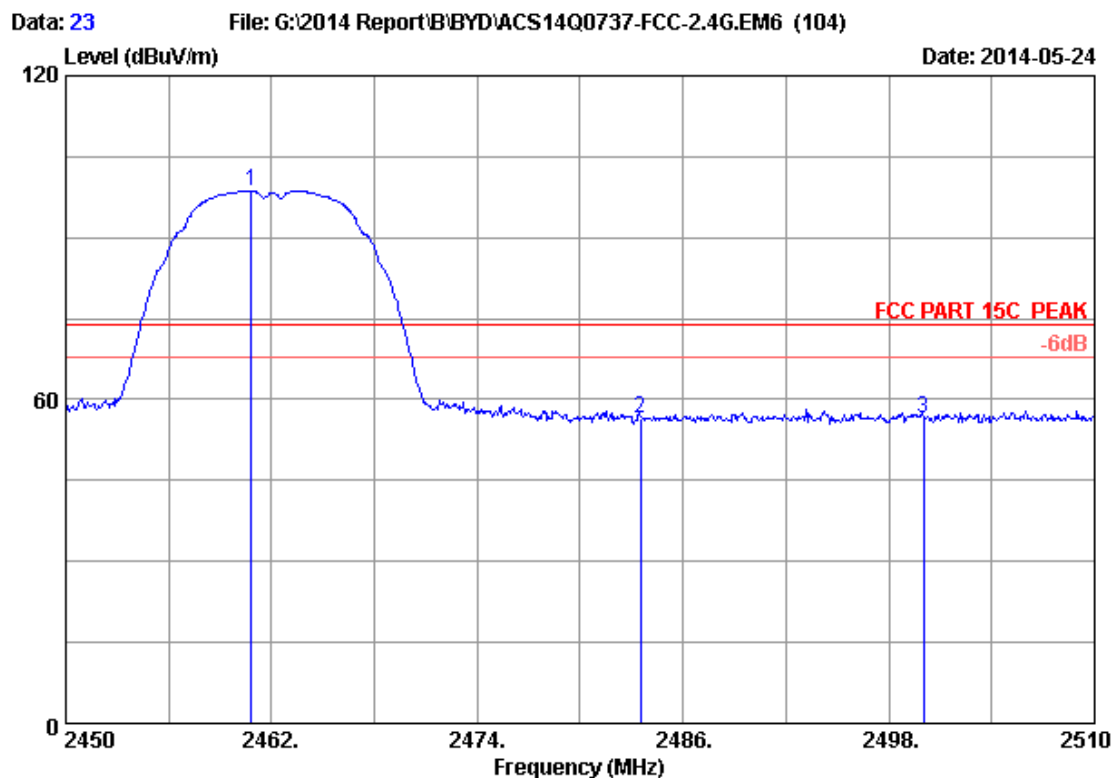
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 10
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11b 2412MHz Tx
 M/N : BEL01

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	45.56	43.80	54.00	10.20	Average
2	2400.000	28.18	5.80	35.70	46.63	44.91	54.00	9.09	Average
3	2412.695	28.21	5.82	35.70	93.62	91.95	54.00	-37.95	Average

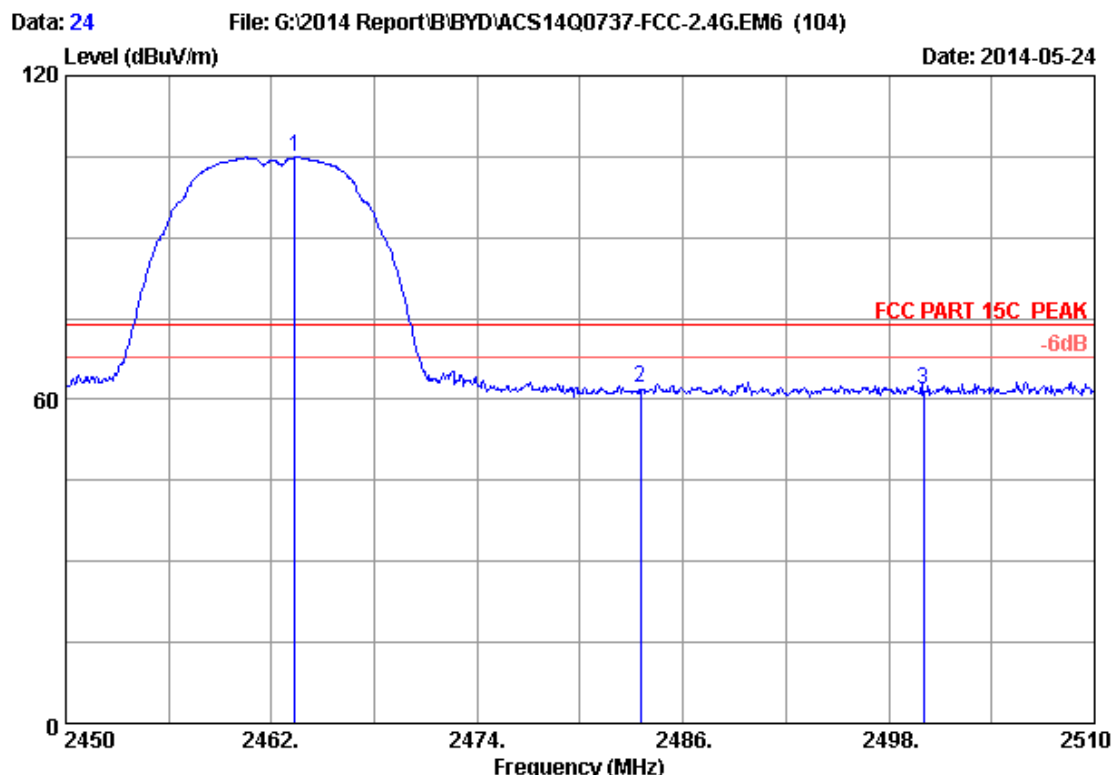
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 23
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11b 2462MHz Tx
 M/N : BEL01

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	2460.800	28.31	5.89	35.70	100.21	98.71	74.00	-24.71	Peak
2	2483.500	28.36	5.92	35.70	57.90	56.48	74.00	17.52	Peak
3	2500.000	28.40	5.94	35.70	57.76	56.40	74.00	17.60	Peak

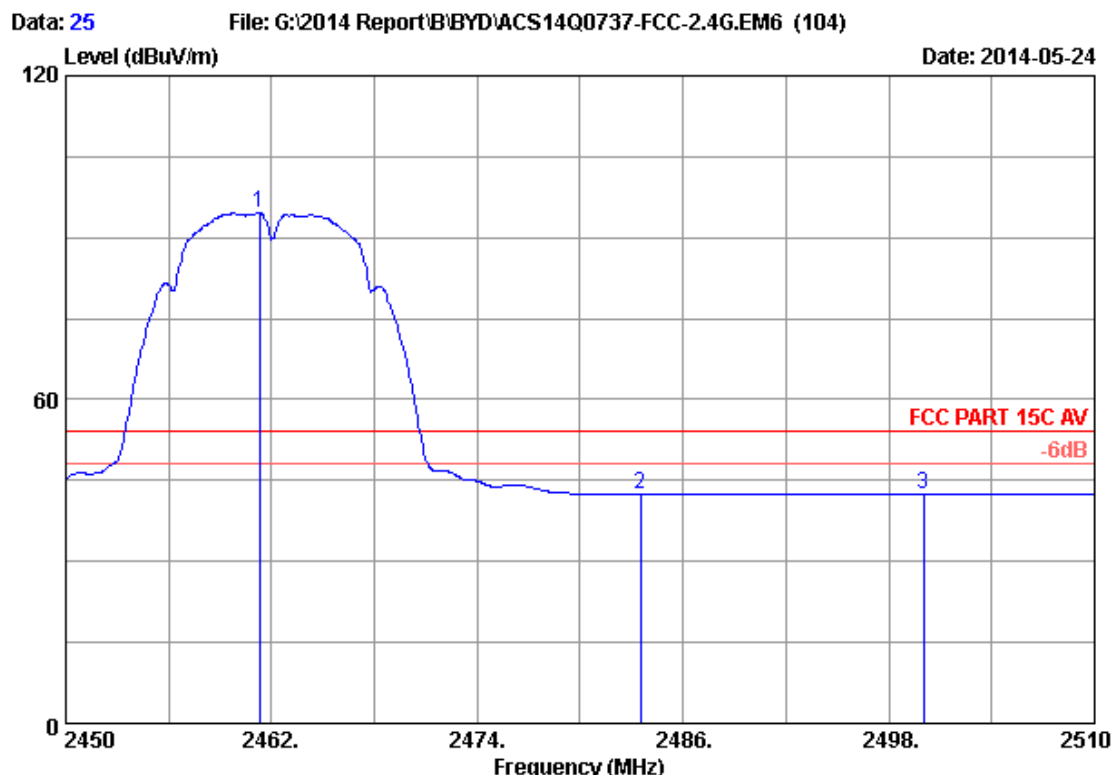
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 24
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11b 2462MHz Tx
 M/N : BEL01

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	2463.380	28.32	5.89	35.70	106.31	104.82	74.00	-30.82	Peak
2	2483.500	28.36	5.92	35.70	63.44	62.02	74.00	11.98	Peak
3	2500.000	28.40	5.94	35.70	63.04	61.68	74.00	12.32	Peak

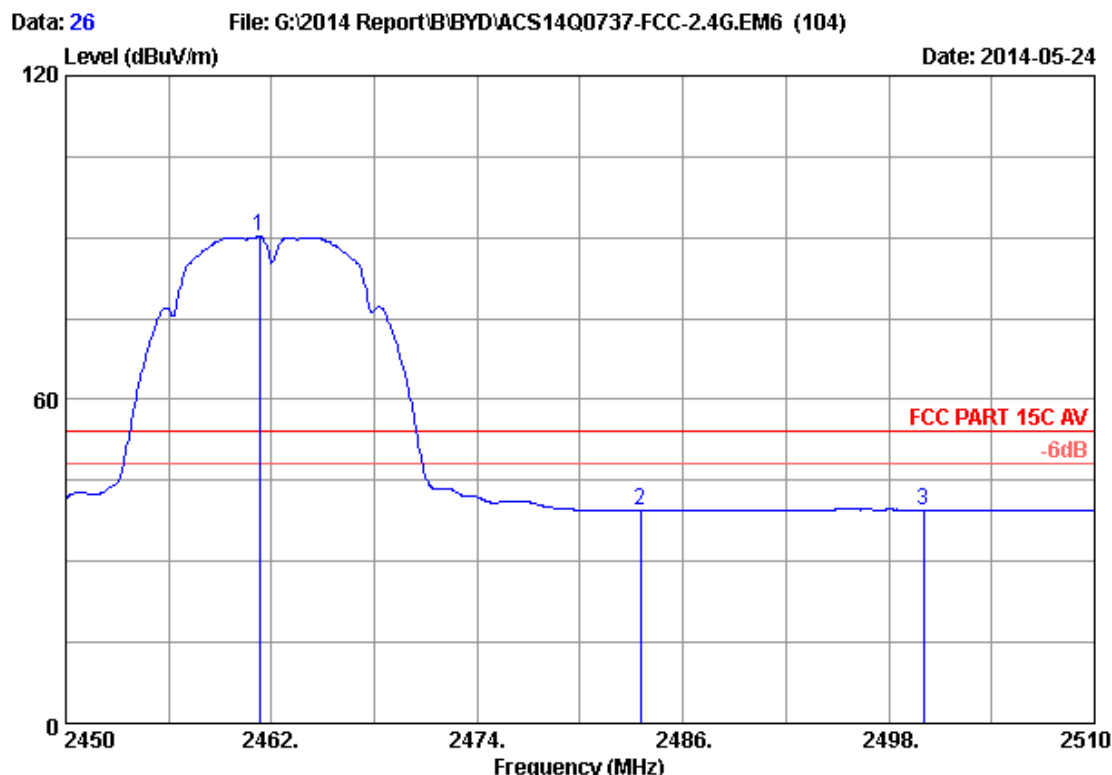
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 25
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11b 2462MHz Tx
 M/N : BEL01

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	2461.280	28.31	5.89	35.70	96.03	94.53	54.00	-40.53	Average
2	2483.500	28.36	5.92	35.70	43.83	42.41	54.00	11.59	Average
3	2500.000	28.40	5.94	35.70	43.77	42.41	54.00	11.59	Average

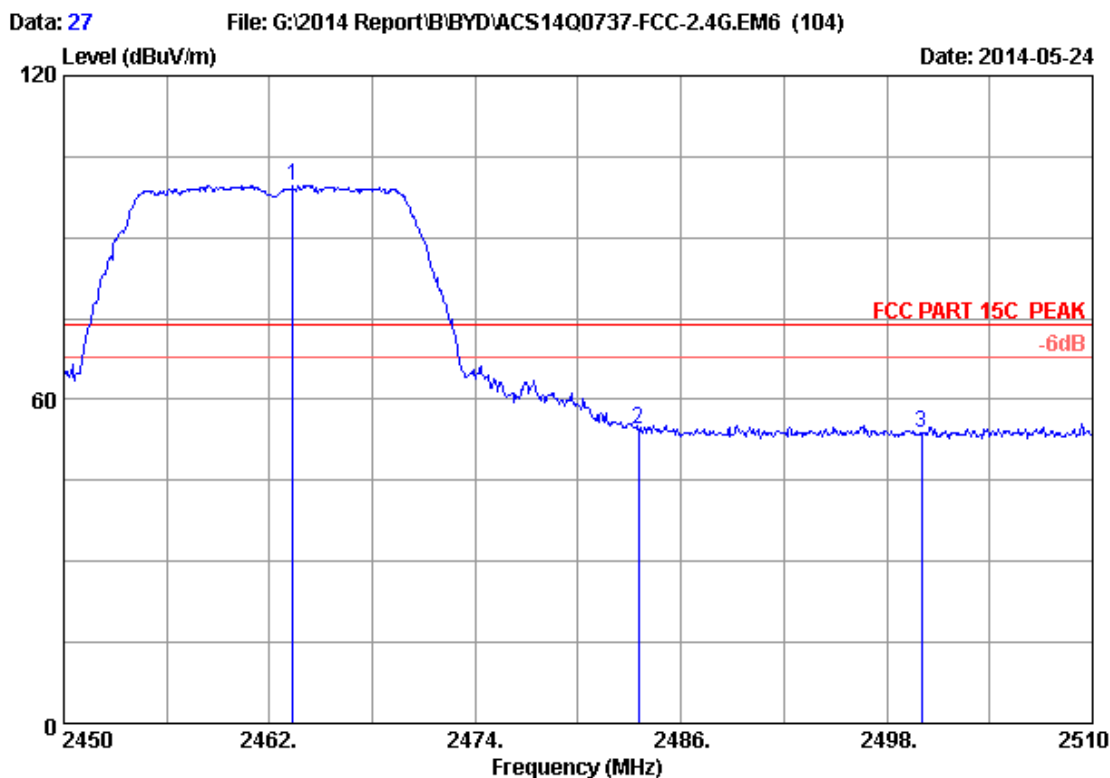
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 26
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11b 2462MHz Tx
 M/N : BEL01

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	2461.280	28.31	5.89	35.70	91.66	90.16	54.00	-36.16	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	40.81	39.45	54.00	14.55	Average

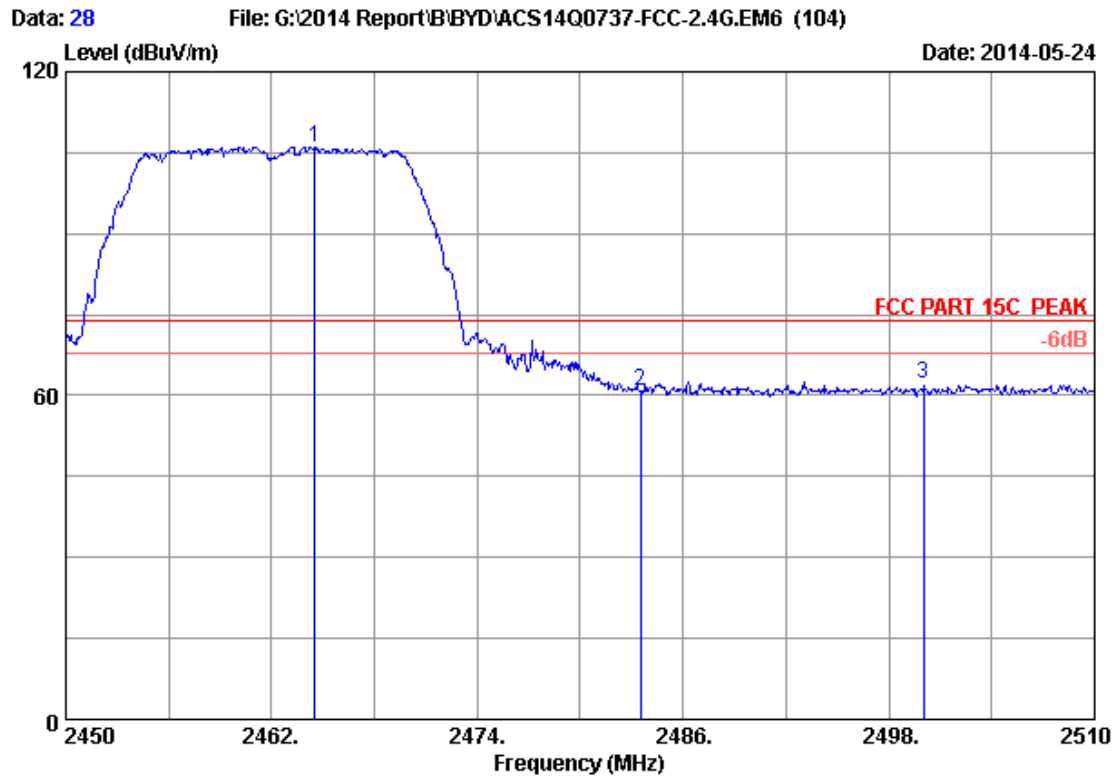
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 27
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11g 2462MHz Tx
 M/N : BEL01

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	2463.380	28.32	5.89	35.70	101.11	99.62	74.00	-25.62	Peak
2	2483.500	28.36	5.92	35.70	55.92	54.50	74.00	19.50	Peak
3	2500.000	28.40	5.94	35.70	55.01	53.65	74.00	20.35	Peak

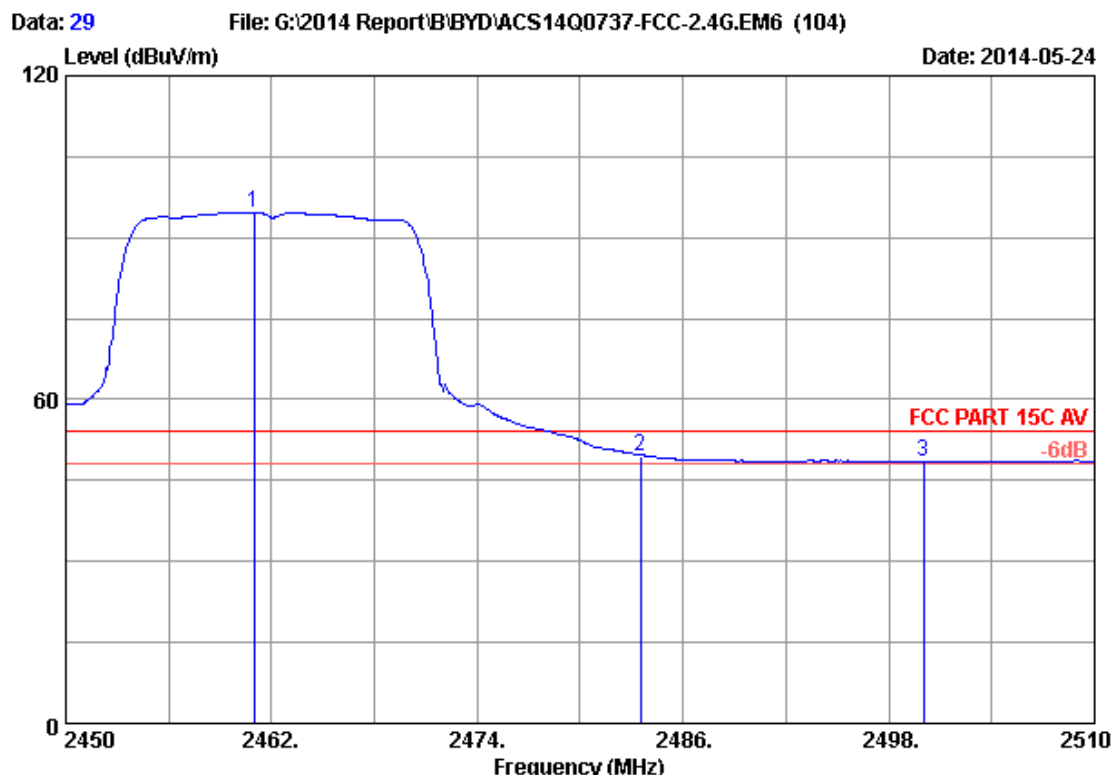
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 28
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11g 2462MHz Tx
 M/N : BEL01

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	2464.520	28.32	5.89	35.70	107.57	106.08	74.00	-32.08	Peak
2	2483.500	28.36	5.92	35.70	62.14	60.72	74.00	13.28	Peak
3	2500.000	28.40	5.94	35.70	63.39	62.03	74.00	11.97	Peak

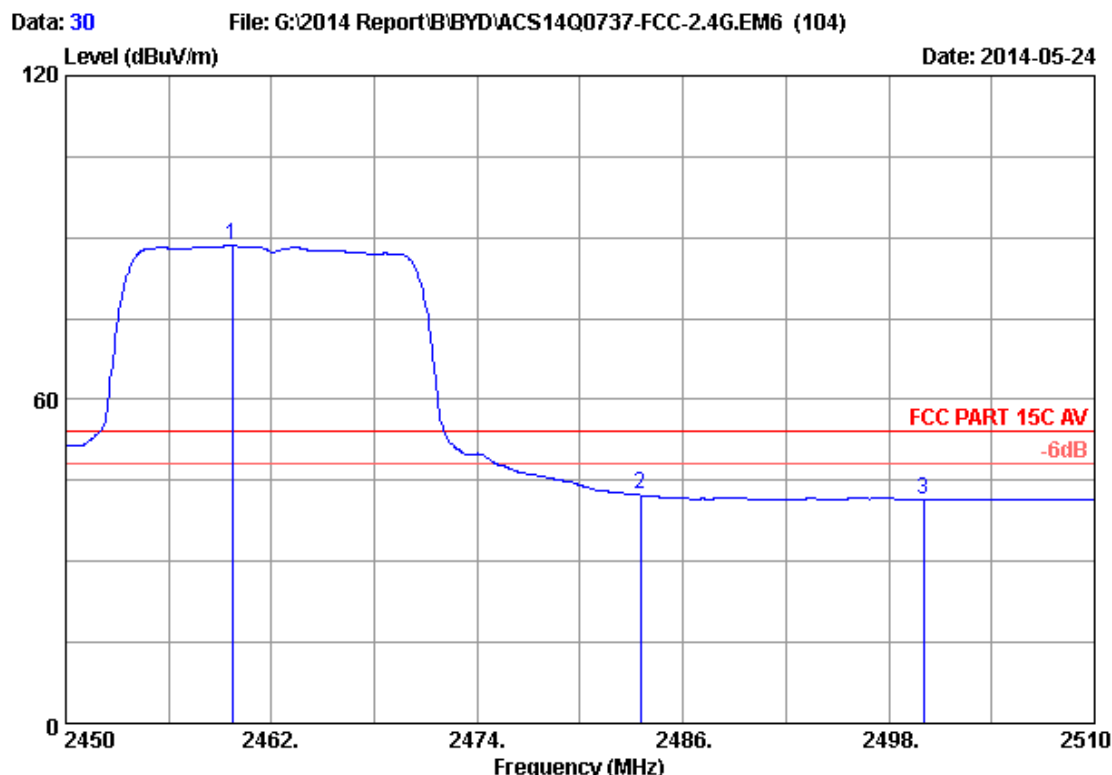
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 29
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11g 2462MHz Tx
 M/N : BEL01

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	2460.980	28.31	5.89	35.70	96.22	94.72	54.00	-40.72	Average
2	2483.500	28.36	5.92	35.70	50.76	49.34	54.00	4.66	Average
3	2500.000	28.40	5.94	35.70	49.93	48.57	54.00	5.43	Average

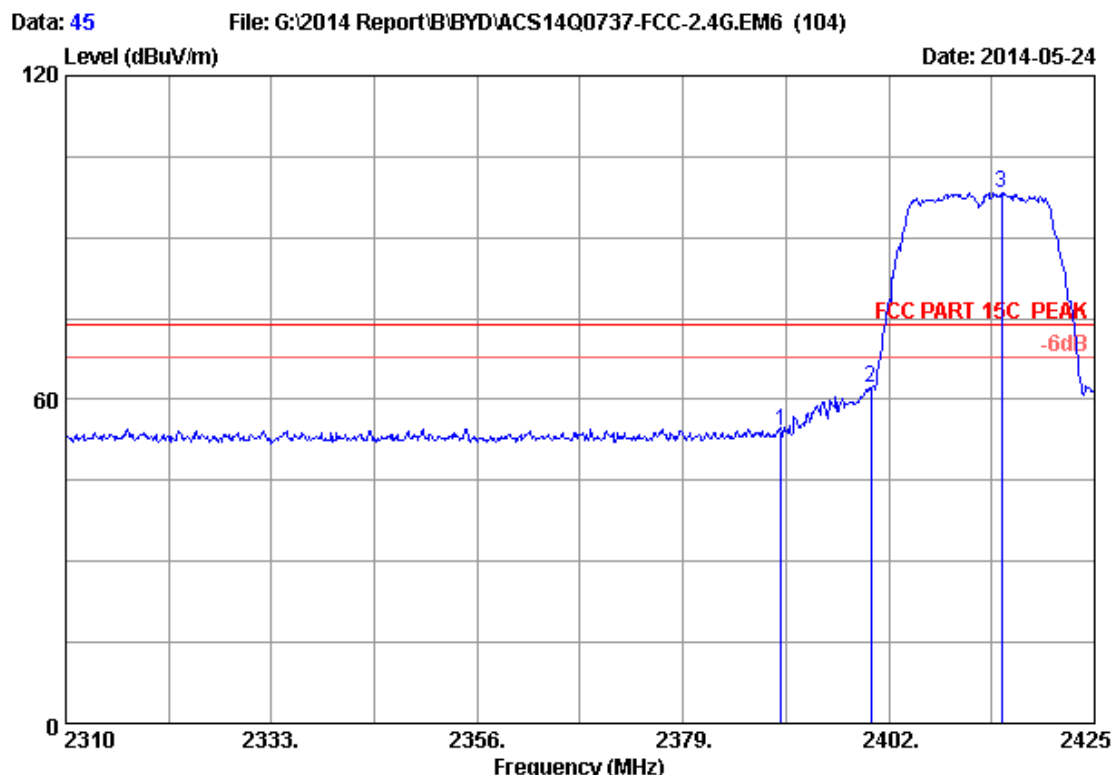
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 30
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11g 2462MHz Tx
 M/N : BEL01

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	2459.720	28.31	5.88	35.70	89.99	88.48	54.00	-34.48	Average
2	2483.500	28.36	5.92	35.70	43.72	42.30	54.00	11.70	Average
3	2500.000	28.40	5.94	35.70	42.86	41.50	54.00	12.50	Average

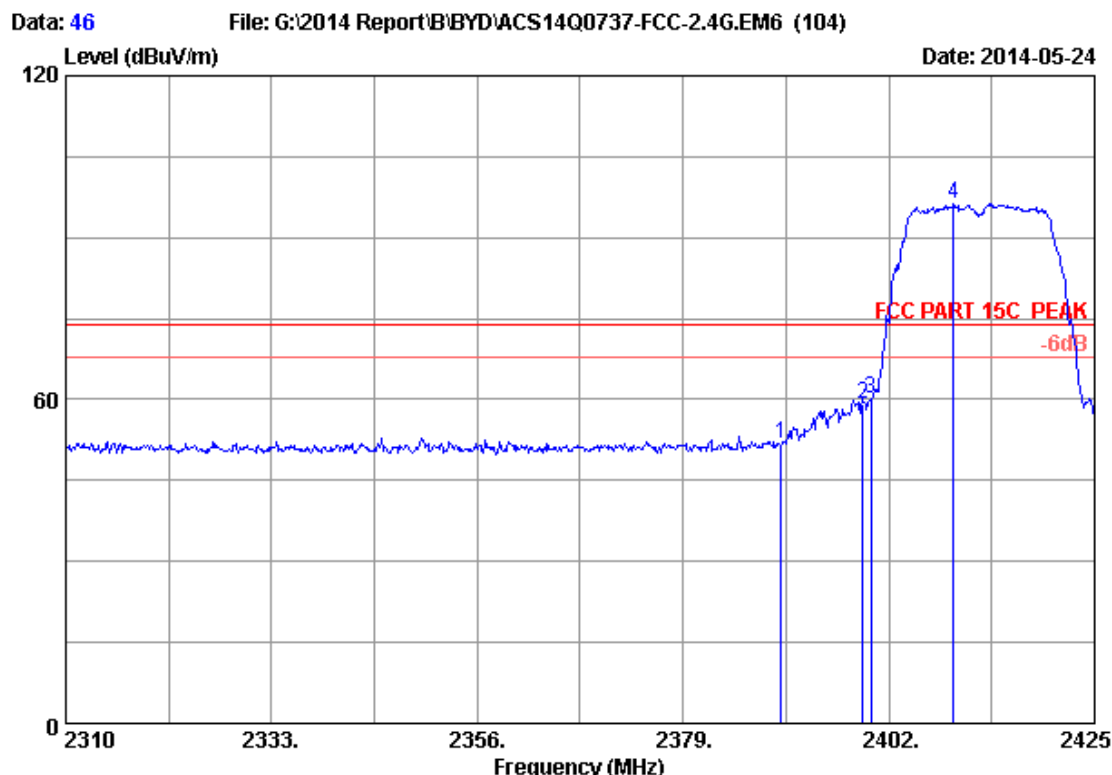
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



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 : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11g 2412MHz Tx
 M/N : BEL01

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	55.77	54.01	74.00	19.99	Peak
2	2400.000	28.18	5.80	35.70	63.78	62.06	74.00	11.94	Peak
3	2414.650	28.21	5.82	35.70	100.00	98.33	74.00	-24.33	Peak

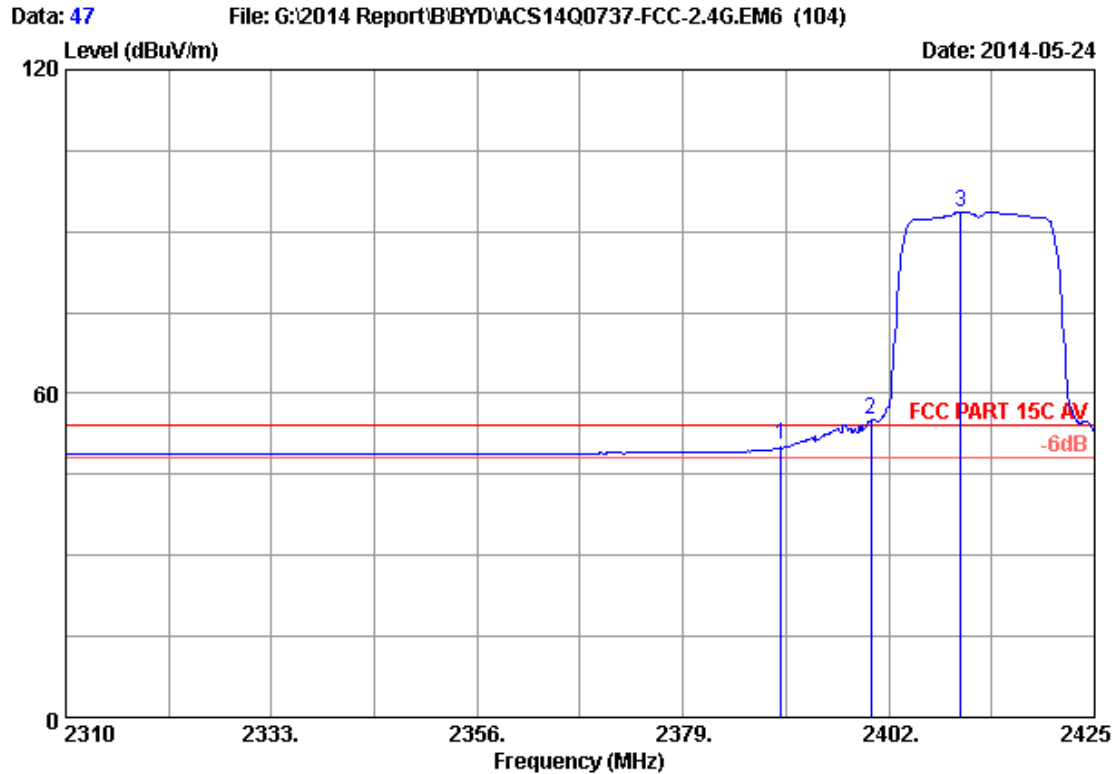
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 46
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11g 2412MHz Tx
 M/N : BEL01

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	53.57	51.81	74.00	22.19	Peak
2	2399.125	28.18	5.80	35.70	60.76	59.04	74.00	14.96	Peak
3	2400.000	28.18	5.80	35.70	62.05	60.33	74.00	13.67	Peak
4	2409.245	28.20	5.81	35.70	97.89	96.20	74.00	-22.20	Peak

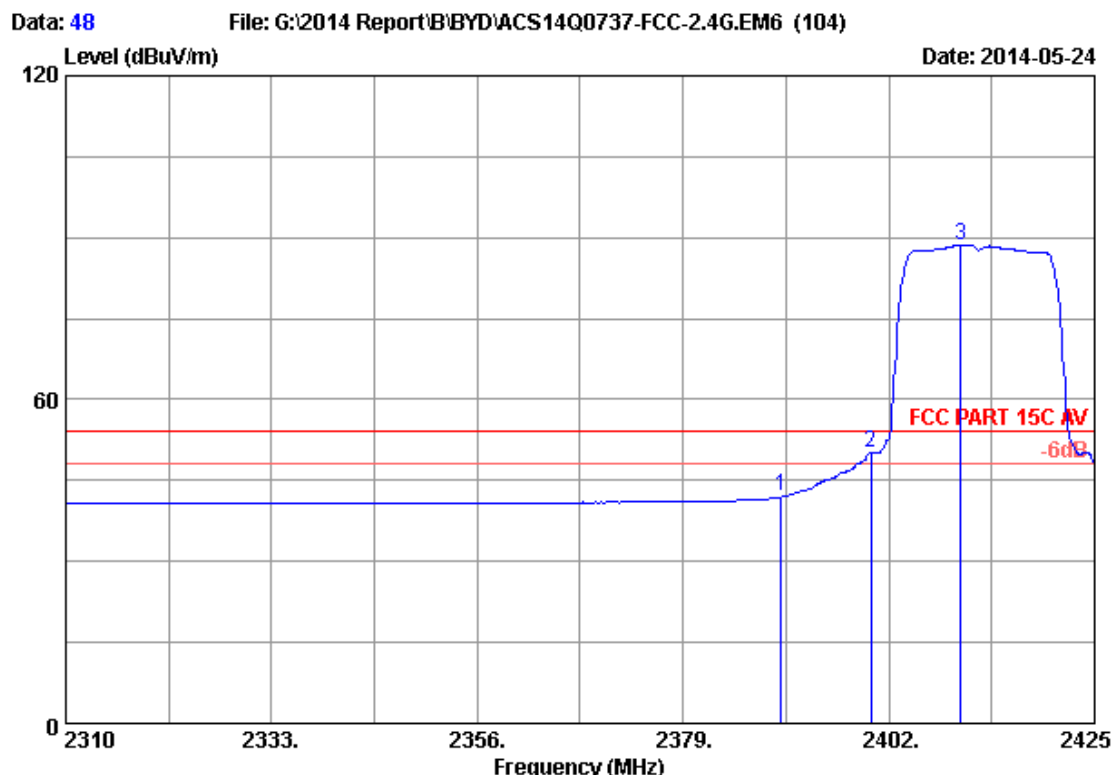
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 47
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11g 2412MHz Tx
 M/N : BEL01

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	52.14	50.38	54.00	3.62	Average
2	2400.000	28.18	5.80	35.70	56.82	55.10	54.00	-1.10	Average
3	2410.050	28.20	5.81	35.70	95.23	93.54	54.00	-39.54	Average

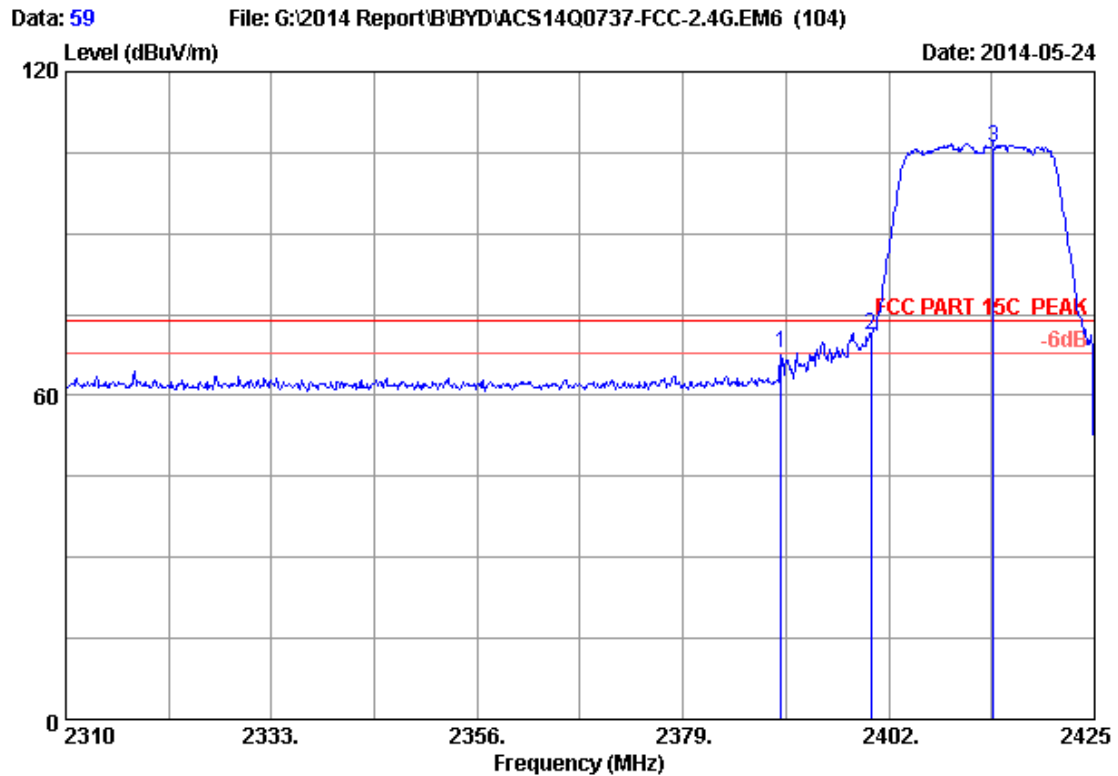
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 48
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11g 2412MHz Tx
 M/N : BEL01

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	43.73	41.97	54.00	12.03	Average
2	2400.000	28.18	5.80	35.70	52.01	50.29	54.00	3.71	Average
3	2410.050	28.20	5.81	35.70	90.41	88.72	54.00	-34.72	Average

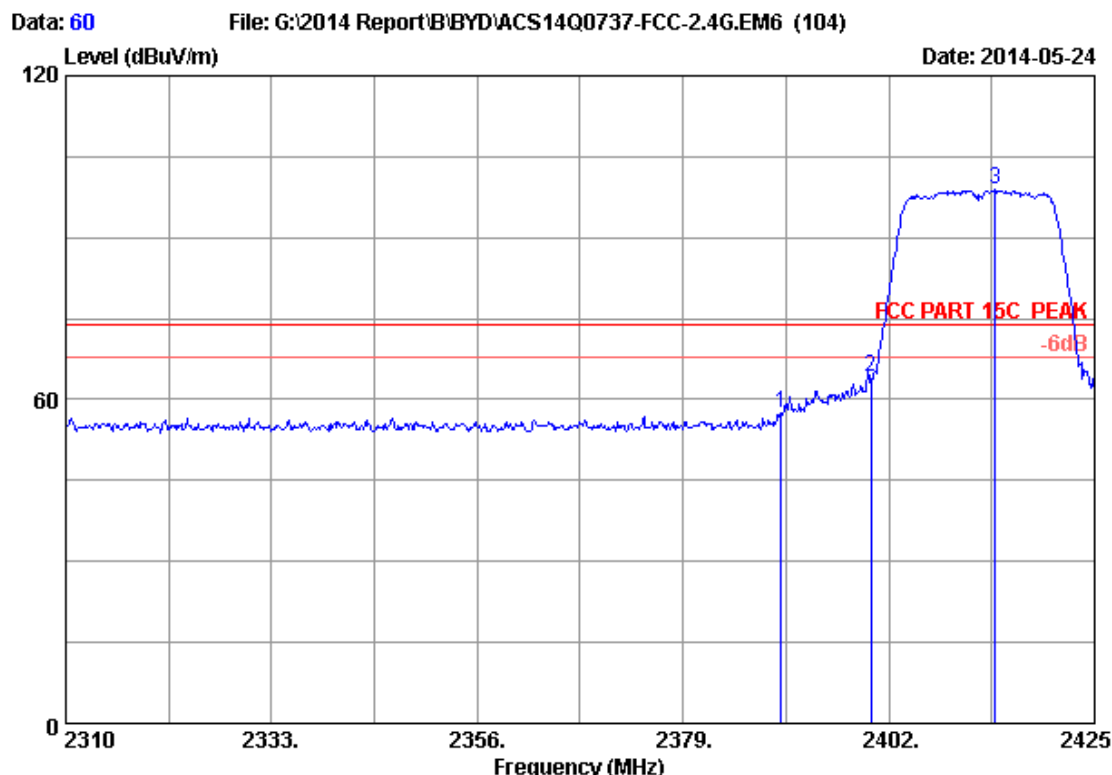
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 59
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2412MHz Tx
 M/N : BEL01

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	69.53	67.77	74.00	6.23	Peak
2	2400.000	28.18	5.80	35.70	72.96	71.24	74.00	2.76	Peak
3	2413.730	28.21	5.82	35.70	107.47	105.80	74.00	-31.80	Peak

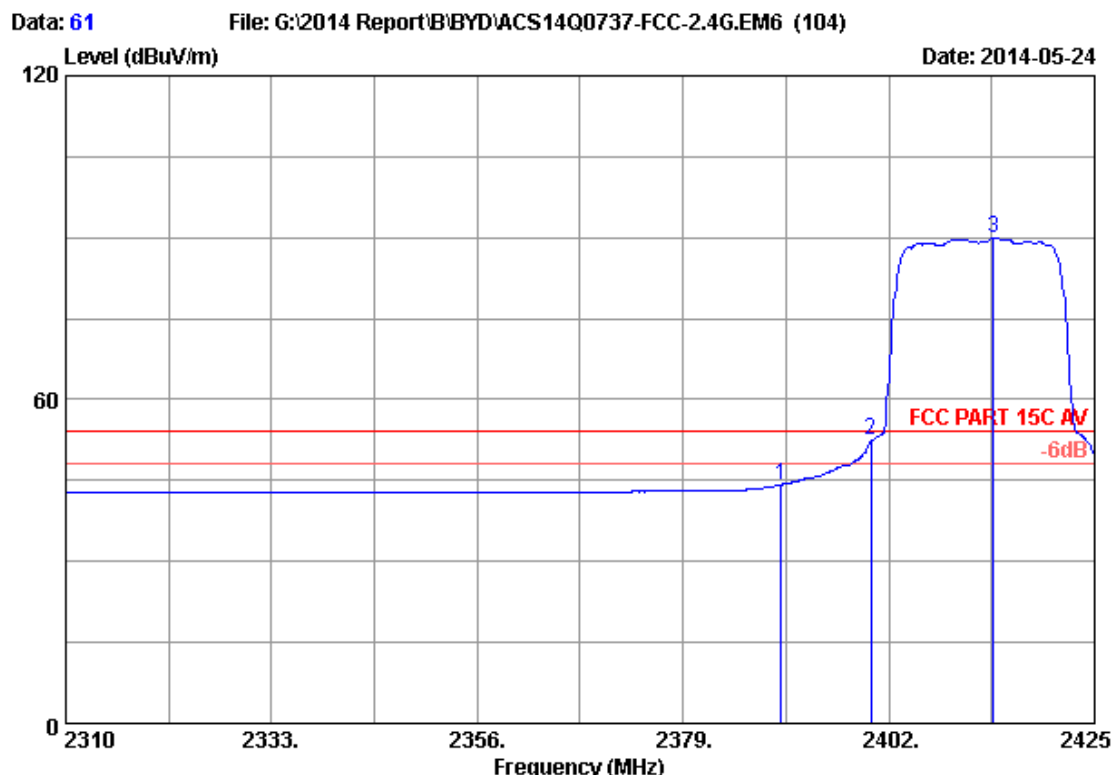
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 60
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2412MHz Tx
 M/N : BEL01

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	59.11	57.35	74.00	16.65	Peak
2	2400.000	28.18	5.80	35.70	65.82	64.10	74.00	9.90	Peak
3	2413.845	28.21	5.82	35.70	100.67	99.00	74.00	-25.00	Peak

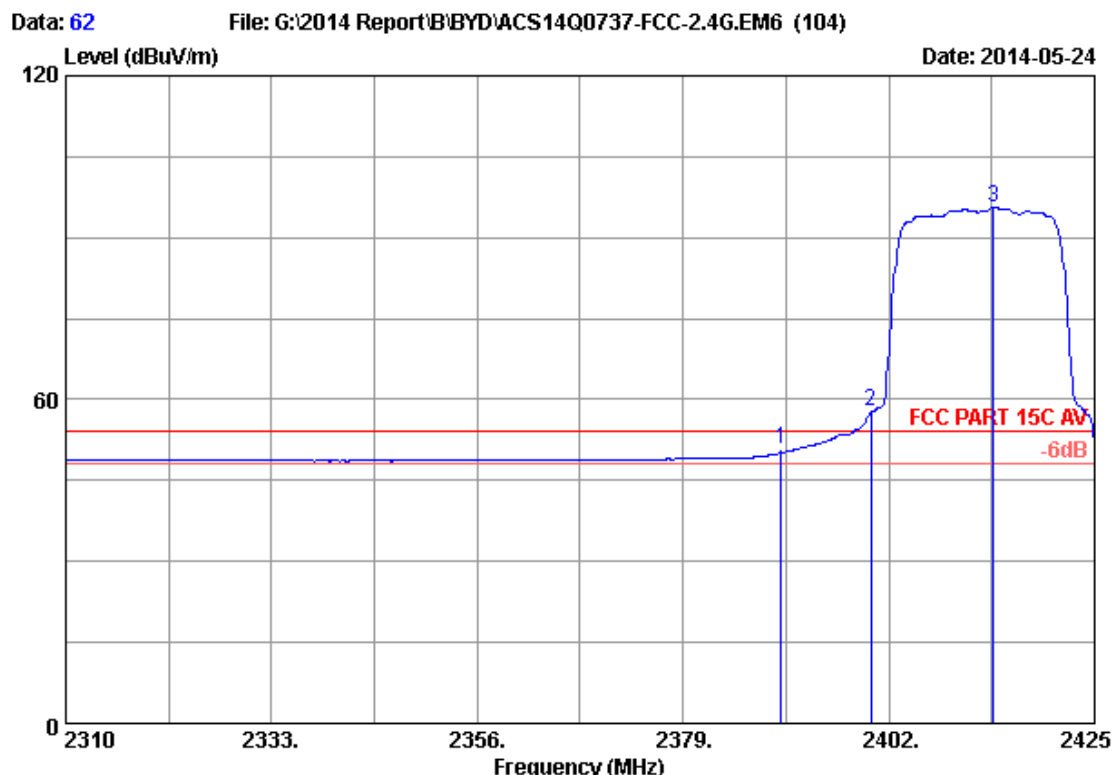
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 61
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2412MHz Tx
 M/N : BEL01

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	46.03	44.27	54.00	9.73	Average
2	2400.000	28.18	5.80	35.70	54.08	52.36	54.00	1.64	Average
3	2413.730	28.21	5.82	35.70	91.52	89.85	54.00	-35.85	Average

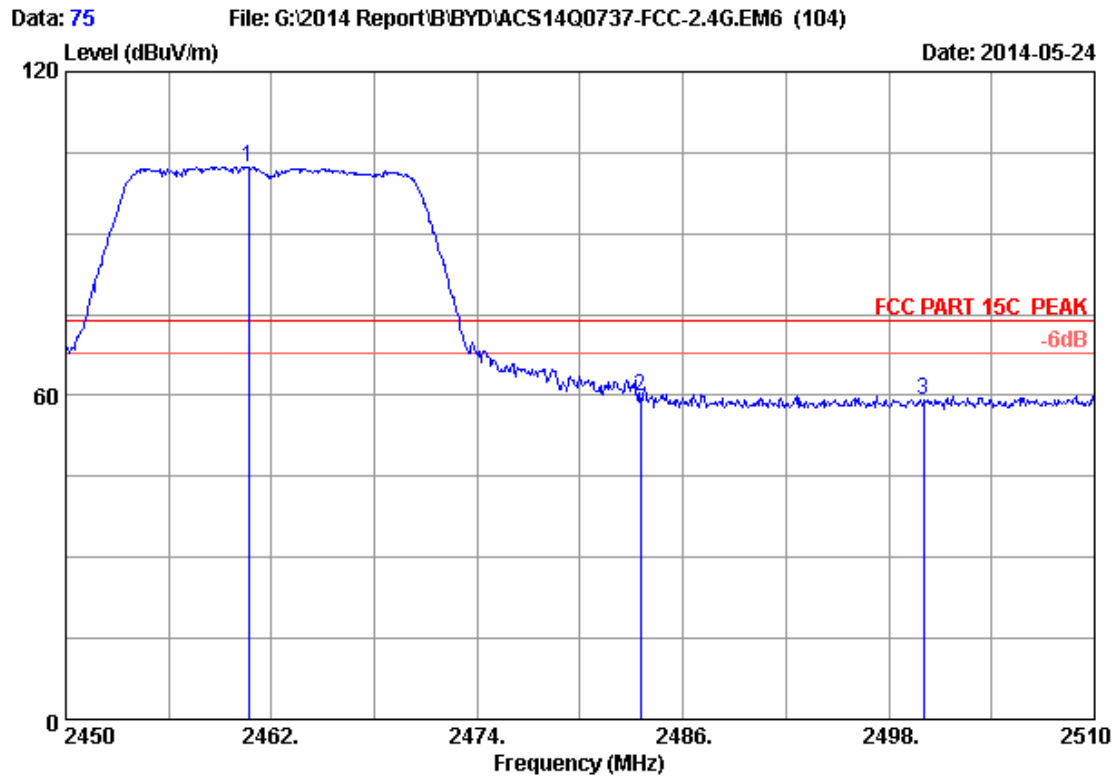
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 62
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2412MHz Tx
 M/N : BEL01

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	52.51	50.75	54.00	3.25	Average
2	2400.000	28.18	5.80	35.70	59.38	57.66	54.00	-3.66	Average
3	2413.730	28.21	5.82	35.70	97.18	95.51	54.00	-41.51	Average

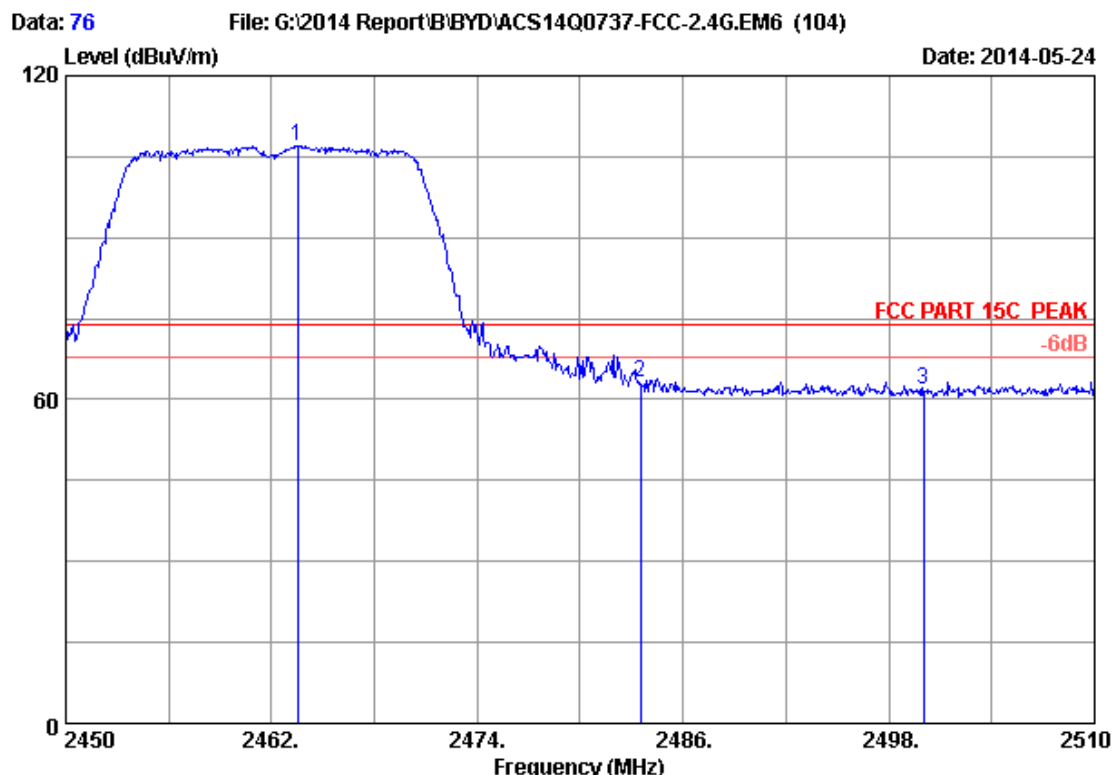
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 75
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2462MHz Tx
 M/N : BEL01

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	2460.680	28.31	5.89	35.70	103.90	102.40	74.00	-28.40	Peak
2	2483.500	28.36	5.92	35.70	61.13	59.71	74.00	14.29	Peak
3	2500.000	28.40	5.94	35.70	60.45	59.09	74.00	14.91	Peak

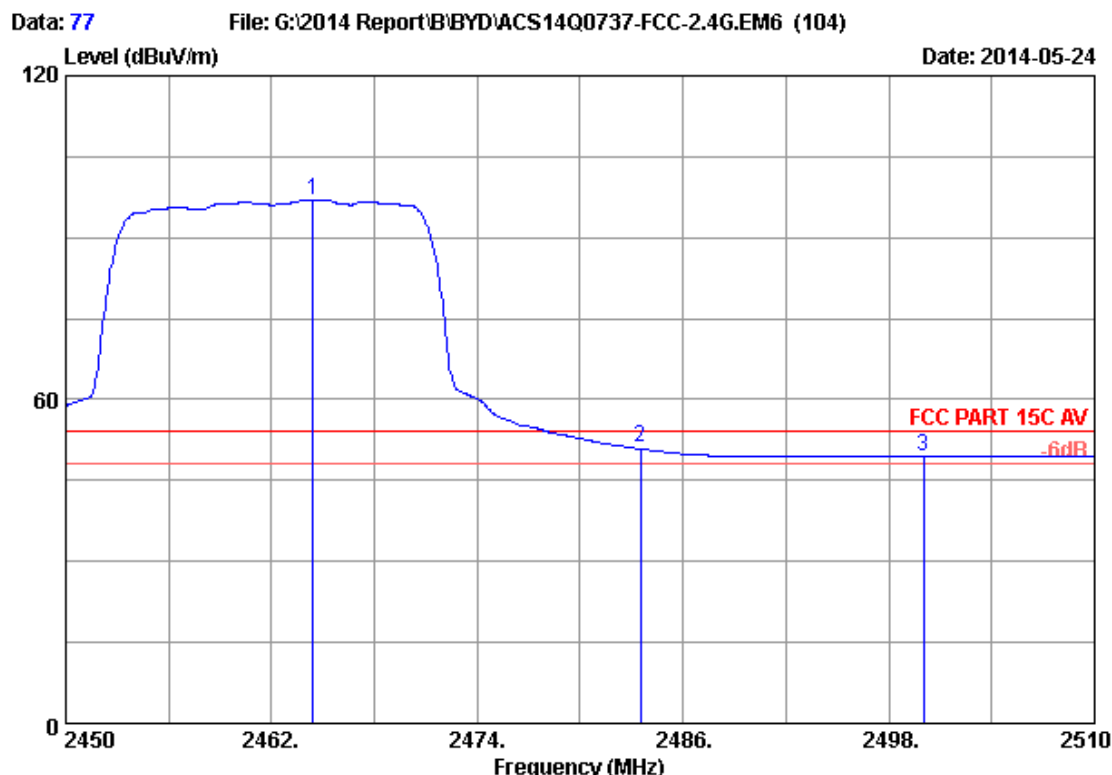
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 76
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2462MHz Tx
 M/N : BEL01

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	2463.500	28.32	5.89	35.70	108.45	106.96	74.00	-32.96	Peak
2	2483.500	28.36	5.92	35.70	64.55	63.13	74.00	10.87	Peak
3	2500.000	28.40	5.94	35.70	63.33	61.97	74.00	12.03	Peak

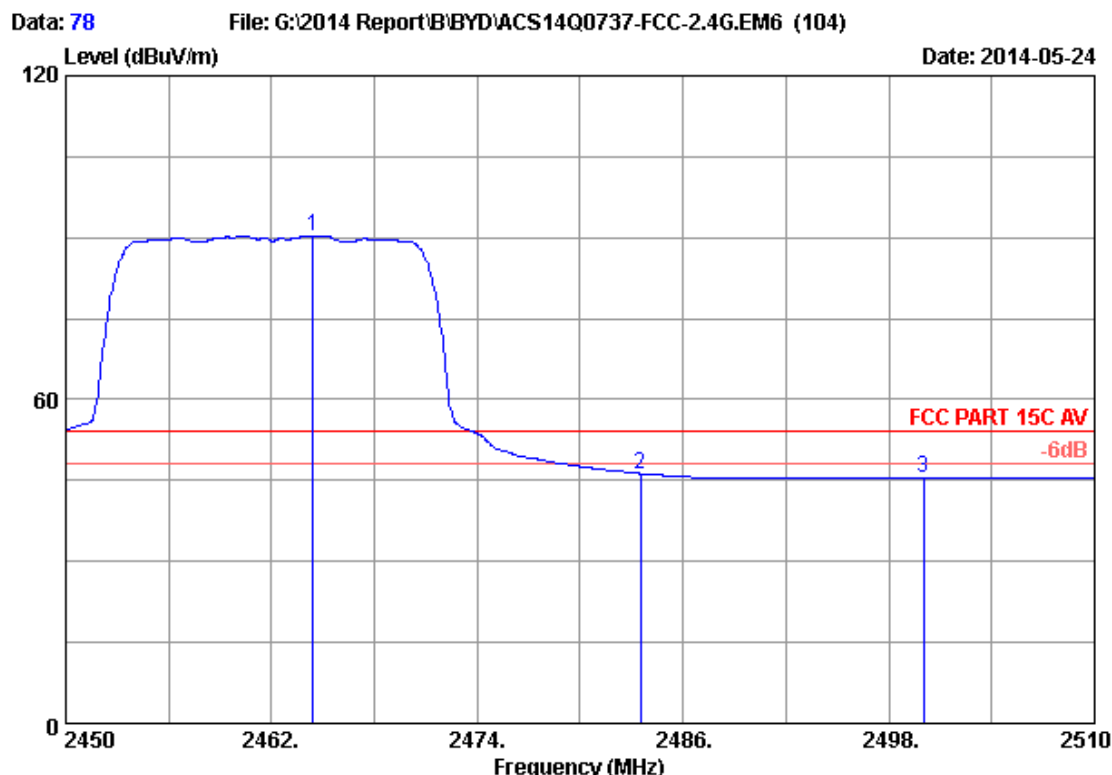
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 77
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2462MHz Tx
 M/N : BEL01

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	2464.400	28.32	5.89	35.70	98.46	96.97	54.00	-42.97	Average
2	2483.500	28.36	5.92	35.70	52.62	51.20	54.00	2.80	Average
3	2500.000	28.40	5.94	35.70	50.82	49.46	54.00	4.54	Average

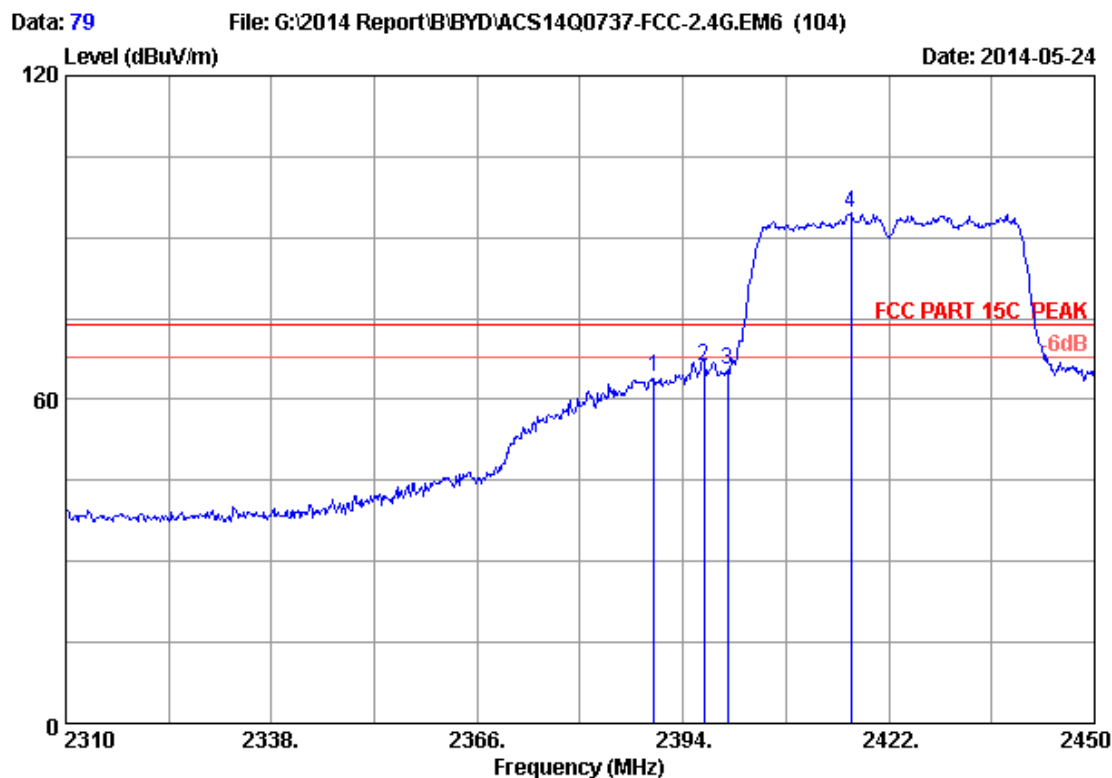
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 78
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 2462MHz Tx
 M/N : BEL01

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	2464.400	28.32	5.89	35.70	91.70	90.21	54.00	-36.21	Average
2	2483.500	28.36	5.92	35.70	47.71	46.29	54.00	7.71	Average
3	2500.000	28.40	5.94	35.70	46.78	45.42	54.00	8.58	Average

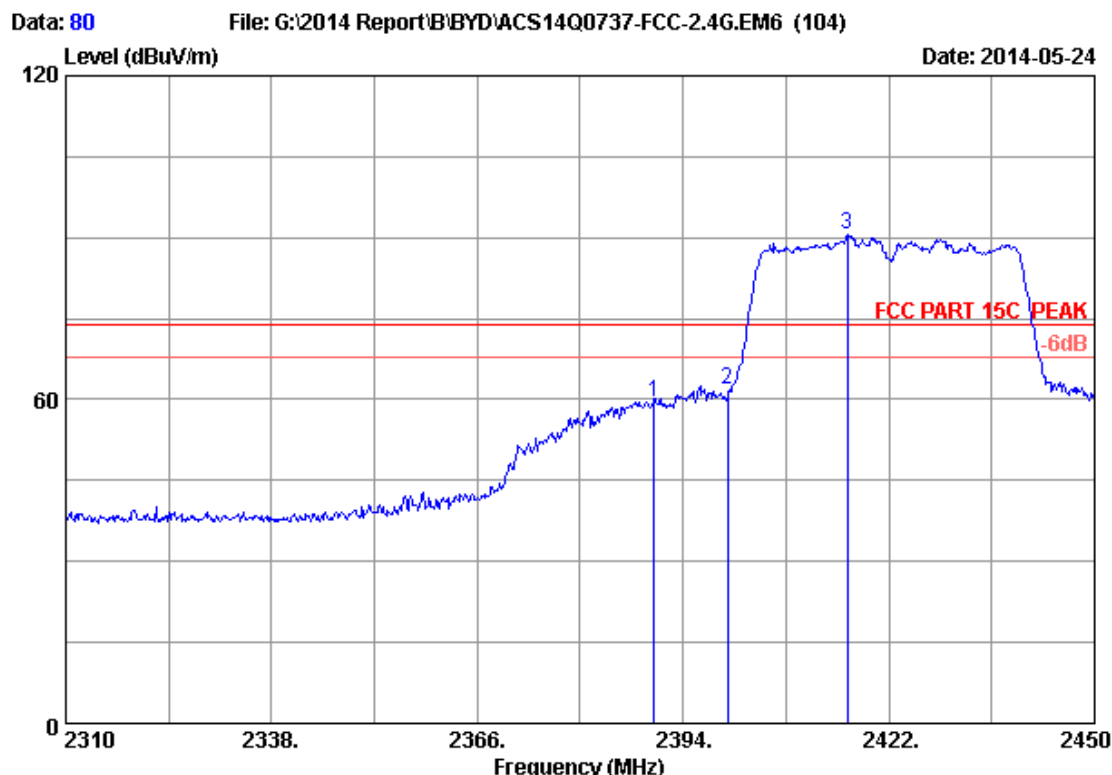
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 79
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2422MHz Tx
 M/N : BEL01

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	65.78	64.02	74.00	9.98	Peak
2	2396.800	28.17	5.79	35.70	67.99	66.25	74.00	7.75	Peak
3	2400.000	28.18	5.80	35.70	67.23	65.51	74.00	8.49	Peak
4	2416.820	28.22	5.82	35.70	96.27	94.61	74.00	-20.61	Peak

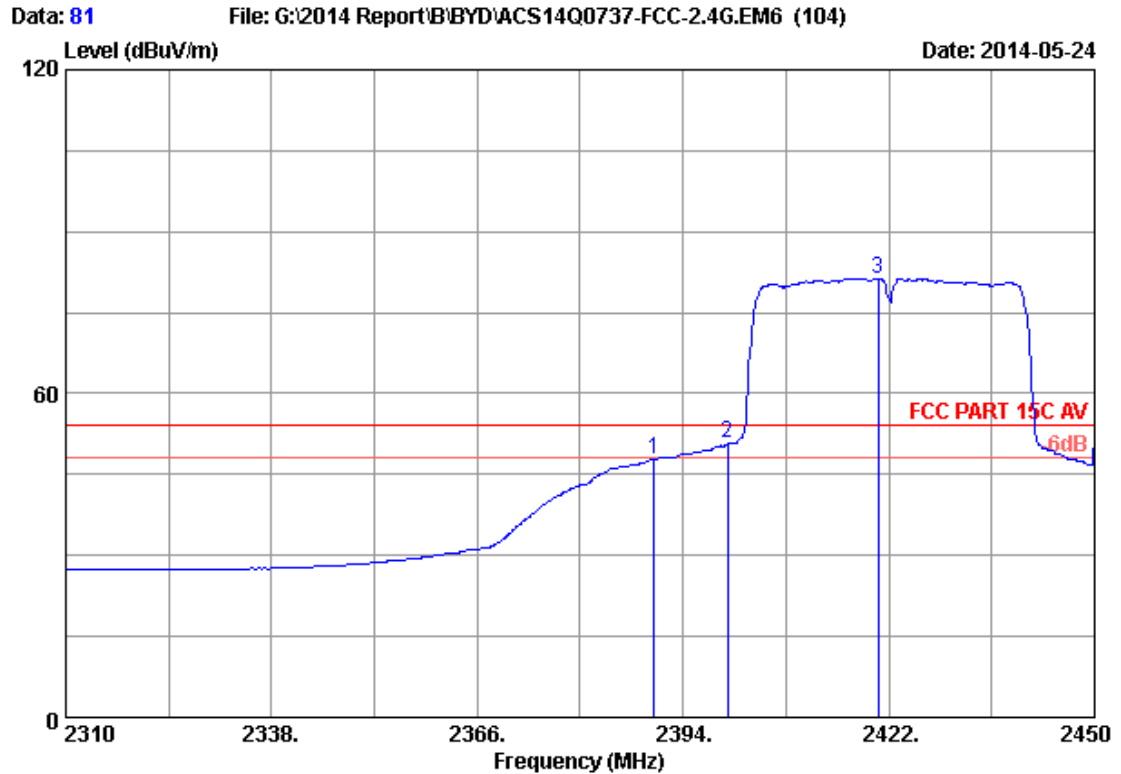
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 80
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2422MHz Tx
 M/N : BEL01

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	61.35	59.59	74.00	14.41	Peak
2	2400.000	28.18	5.80	35.70	63.59	61.87	74.00	12.13	Peak
3	2416.400	28.22	5.82	35.70	92.18	90.52	74.00	-16.52	Peak

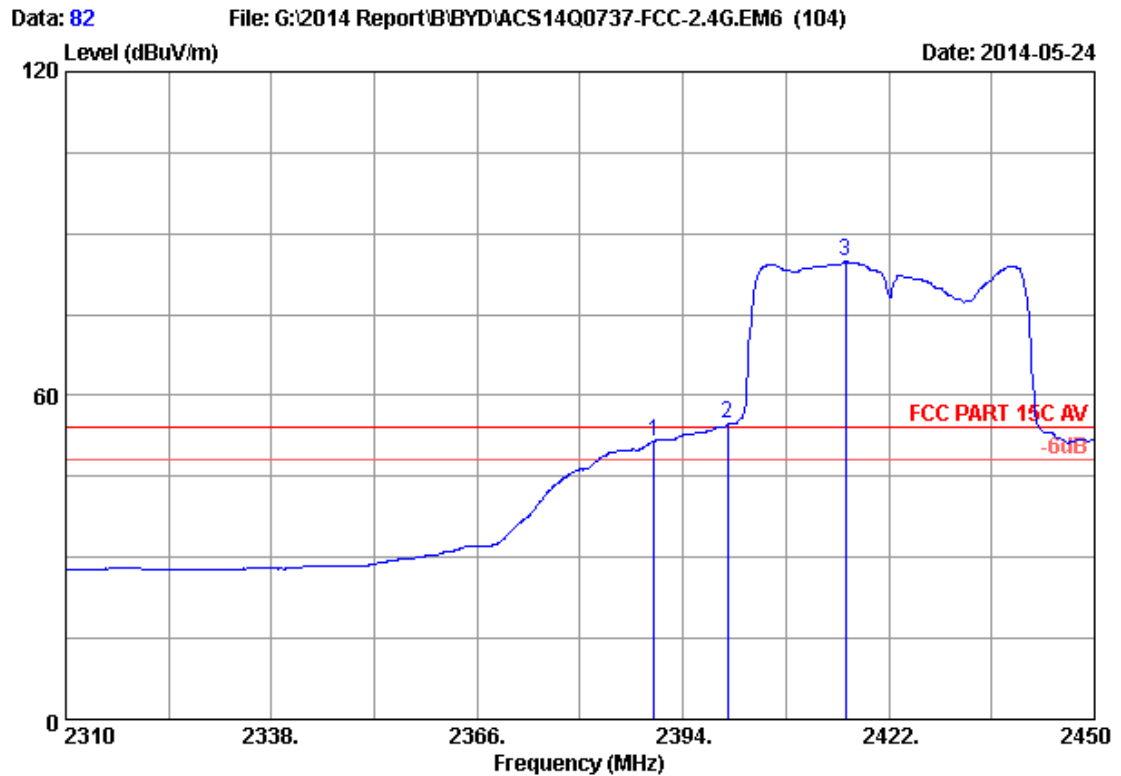
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 81
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2422MHz Tx
 M/N : BEL01

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	49.63	47.87	54.00	6.13	Average
2	2400.000	28.18	5.80	35.70	52.44	50.72	54.00	3.28	Average
3	2420.600	28.23	5.83	35.70	82.94	81.30	54.00	-27.30	Average

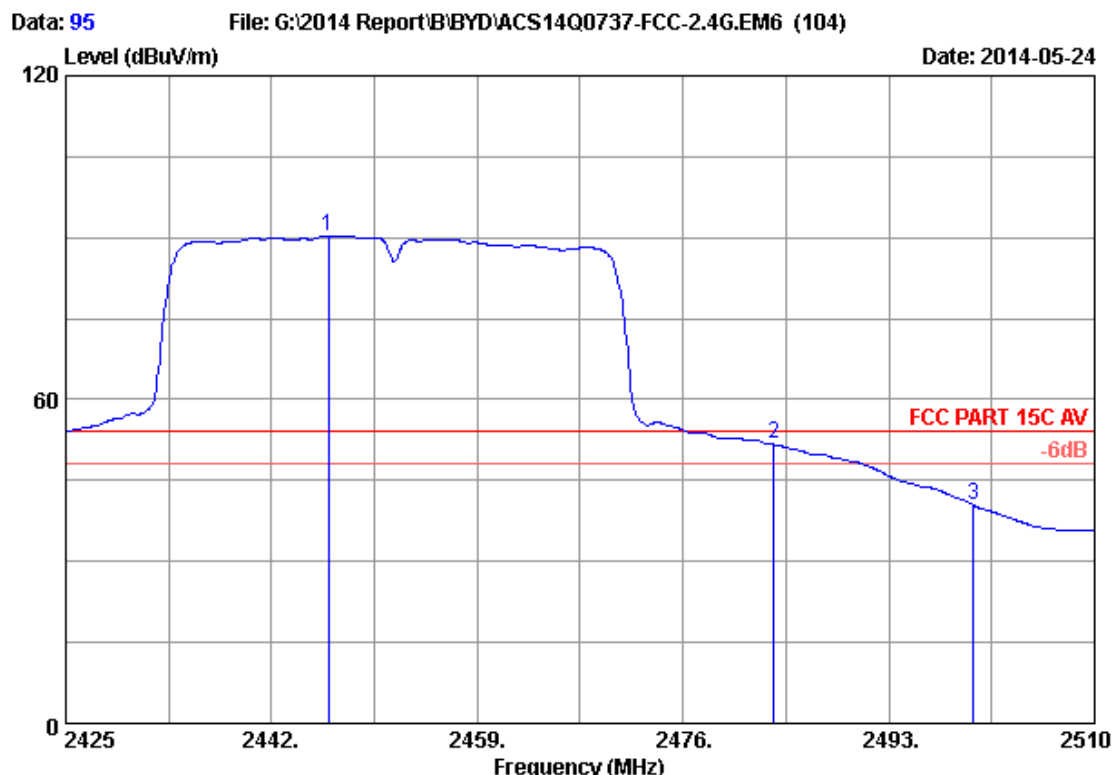
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 82
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2422MHz Tx
 M/N : BEL01

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	53.16	51.40	54.00	2.60	Average
2	2400.000	28.18	5.80	35.70	56.37	54.65	54.00	-0.65	Average
3	2416.120	28.22	5.82	35.70	86.41	84.75	54.00	-30.75	Average

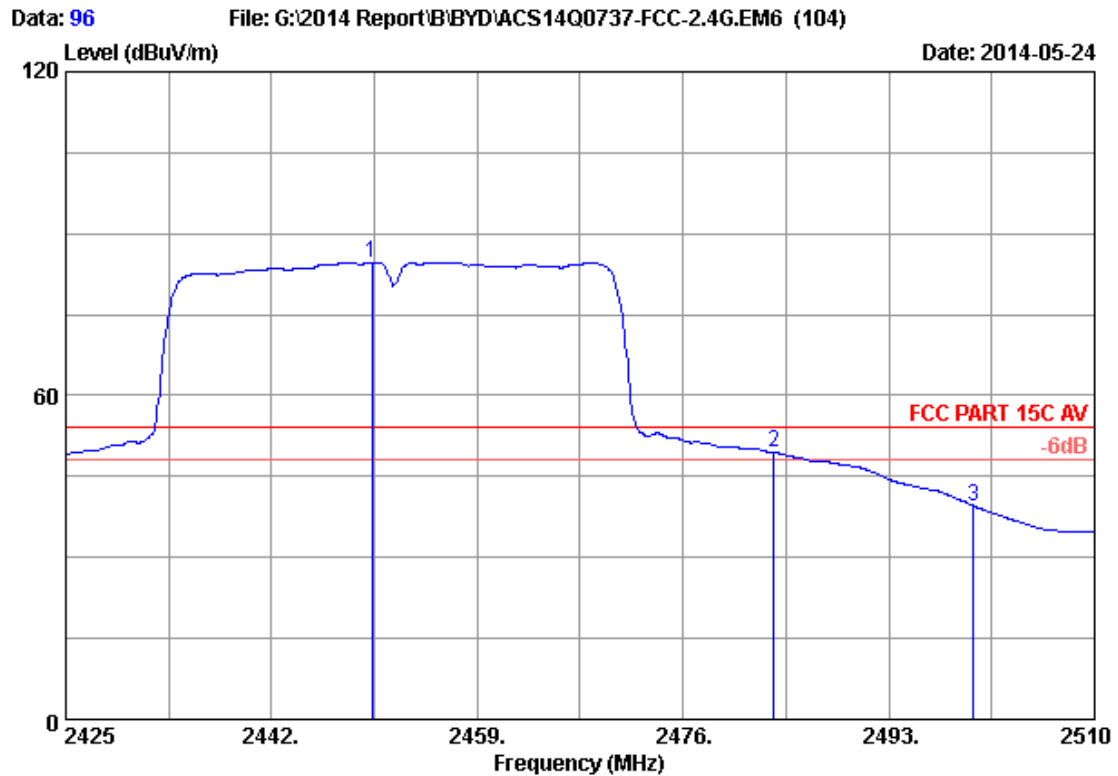
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 95
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2452MHz Tx
 M/N : BEL01

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	2446.675	28.28	5.86	35.70	91.76	90.20	54.00	-36.20	Average
2	2483.500	28.36	5.92	35.70	53.38	51.96	54.00	2.04	Average
3	2500.000	28.40	5.94	35.70	41.82	40.46	54.00	13.54	Average

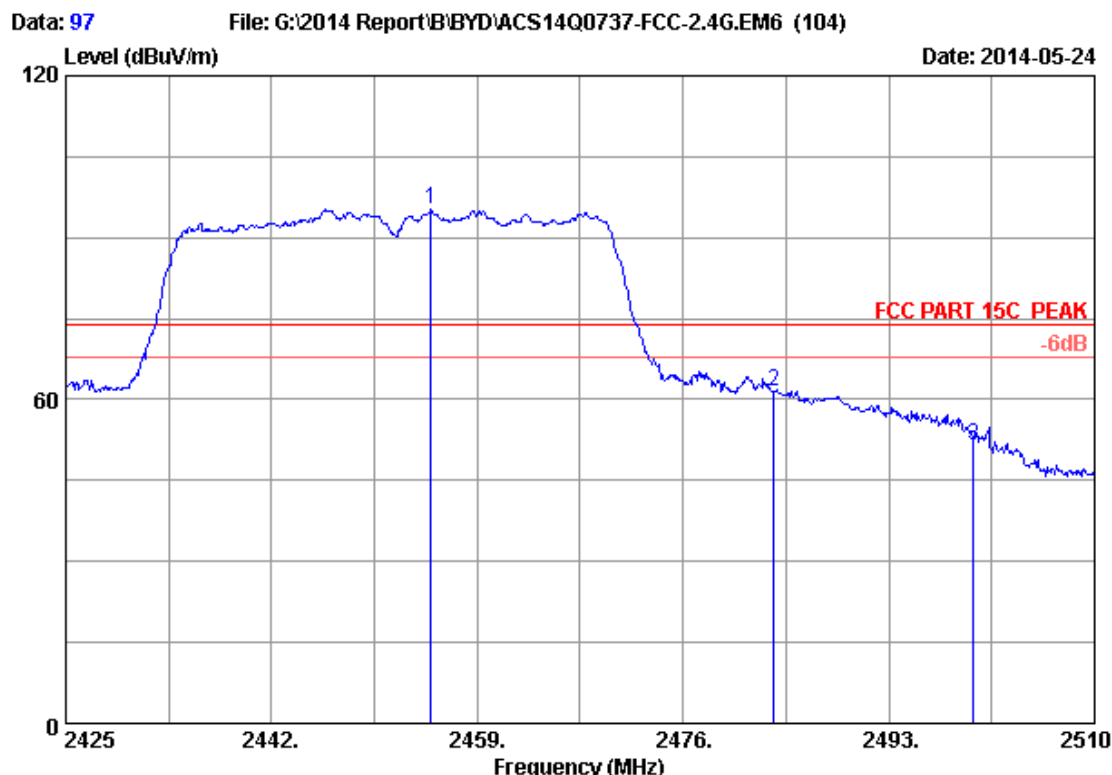
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 96
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2452MHz Tx
 M/N : BEL01

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	2450.330	28.29	5.87	35.70	86.27	84.73	54.00	-30.73	Average
2	2483.500	28.36	5.92	35.70	50.93	49.51	54.00	4.49	Average
3	2500.000	28.40	5.94	35.70	40.92	39.56	54.00	14.44	Average

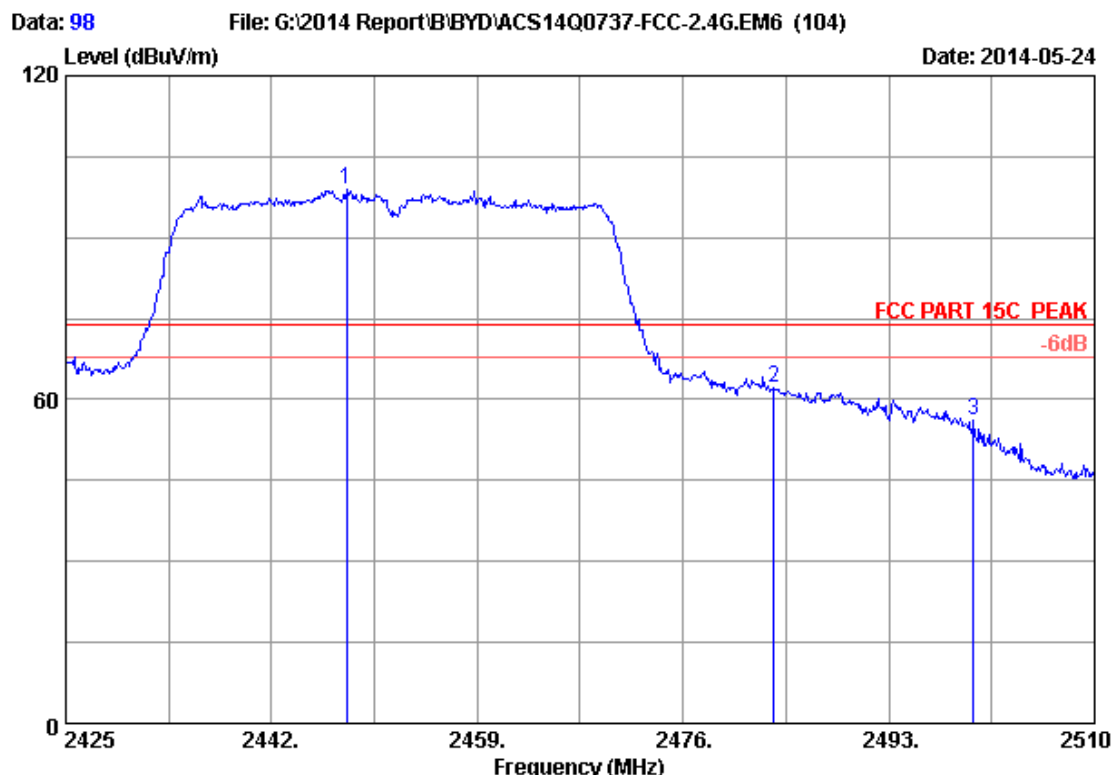
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 97
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2452MHz Tx
 M/N : BEL01

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	2455.175	28.30	5.88	35.70	96.64	95.12	74.00	-21.12	Peak
2	2483.500	28.36	5.92	35.70	62.88	61.46	74.00	12.54	Peak
3	2500.000	28.40	5.94	35.70	52.88	51.52	74.00	22.48	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.

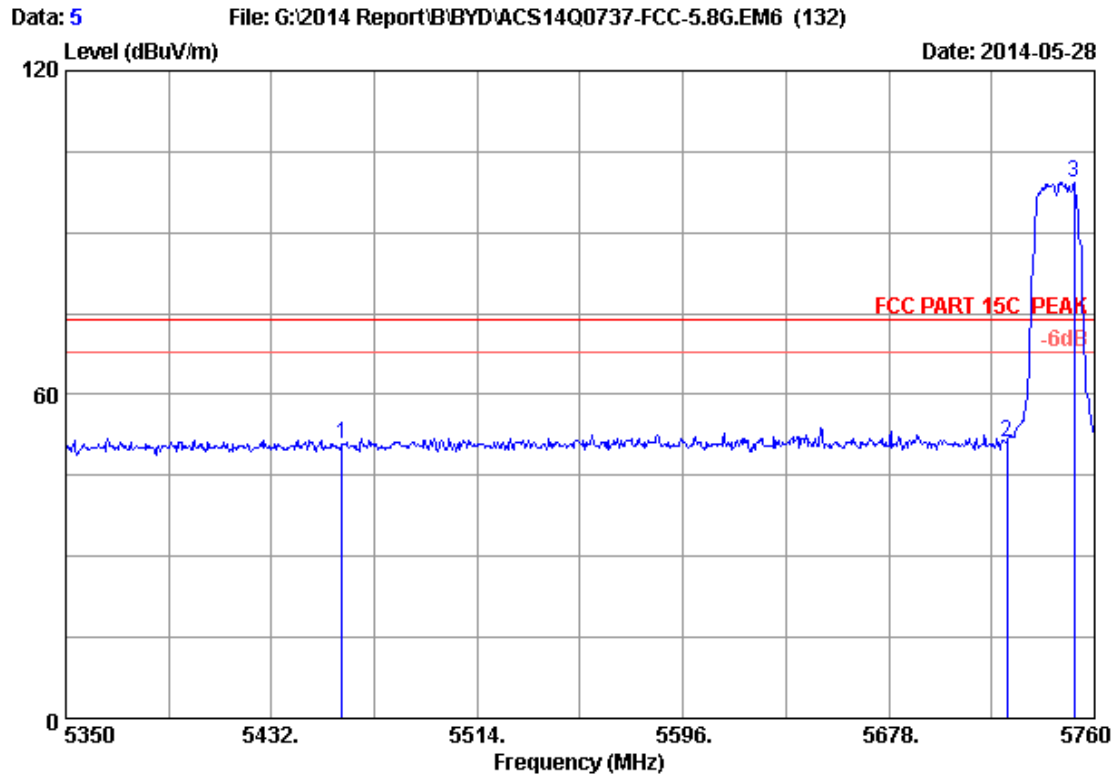


Site no. : 3m Chamber Data no. : 98
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 2452MHz Tx
 M/N : BEL01

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	2448.205	28.29	5.87	35.70	100.54	99.00	74.00	-25.00	Peak
2	2483.500	28.36	5.92	35.70	63.43	62.01	74.00	11.99	Peak
3	2500.000	28.40	5.94	35.70	57.68	56.32	74.00	17.68	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.

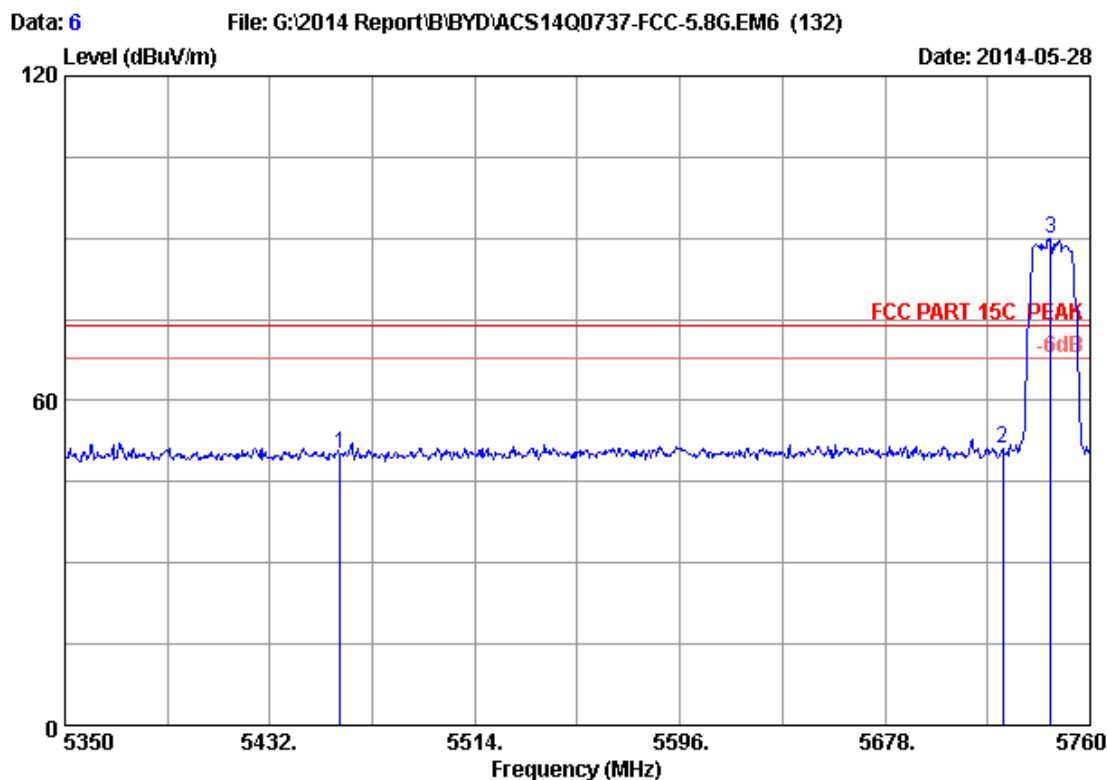
UNII Band 4:



Site no. : 3m Chamber Data no. : 5
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11a CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	43.46	50.95	74.00	23.05	Peak
2	5725.000	34.09	9.52	35.70	43.13	51.04	74.00	22.96	Peak
3	5751.800	34.10	9.55	35.70	91.35	99.30	74.00	-25.30	Peak

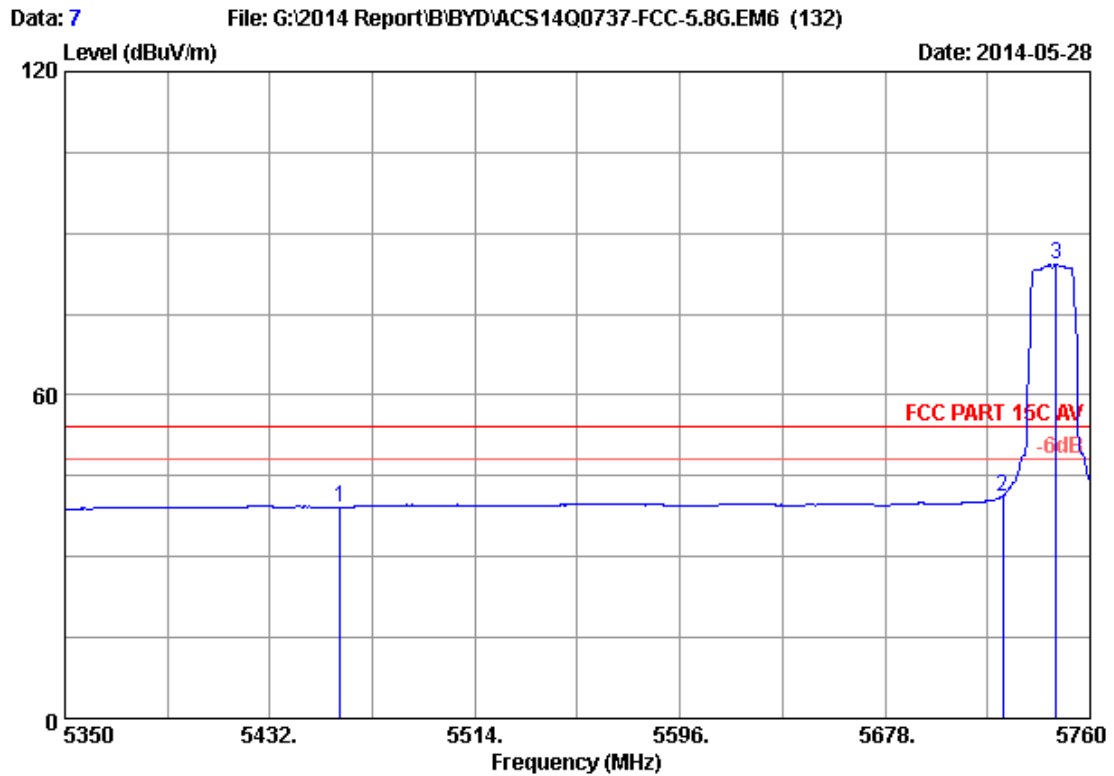
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 6
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11a CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	42.54	50.03	74.00	23.97	Peak
2	5725.000	34.09	9.52	35.70	43.33	51.24	74.00	22.76	Peak
3	5744.420	34.10	9.54	35.70	82.00	89.94	74.00	-15.94	Peak

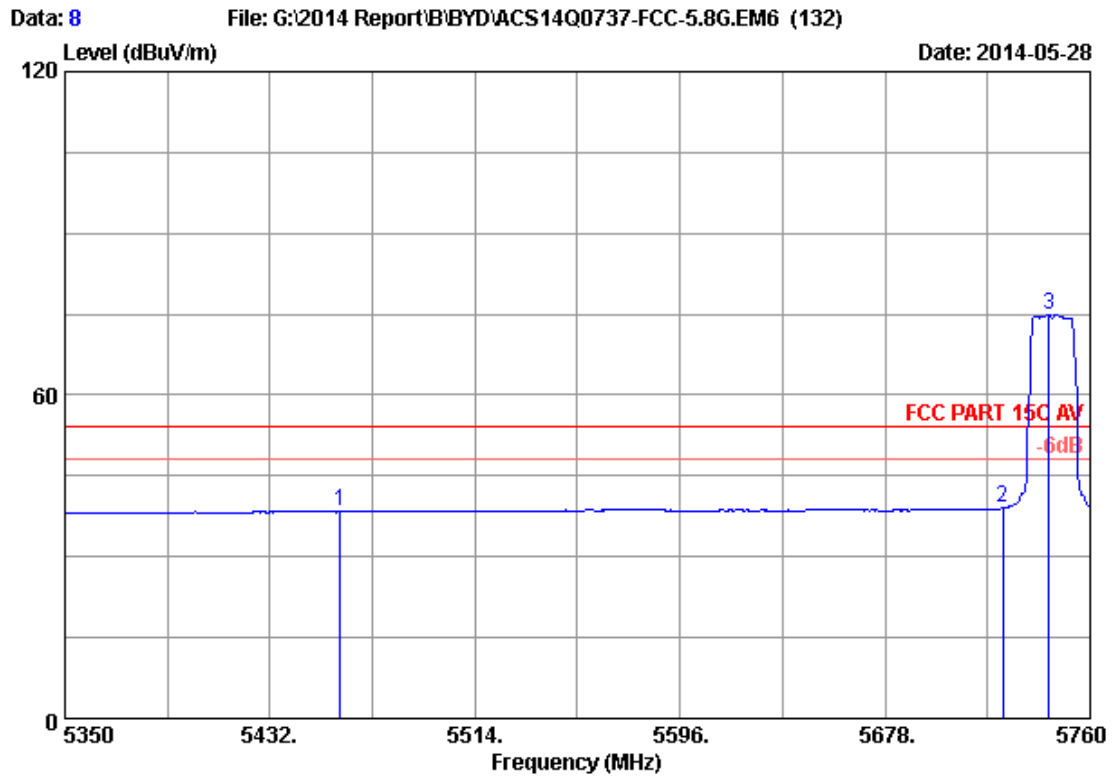
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 7
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11a CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	31.77	39.26	54.00	14.74	Average
2	5725.000	34.09	9.52	35.70	33.32	41.23	54.00	12.77	Average
3	5746.470	34.10	9.55	35.70	76.25	84.20	54.00	-30.20	Average

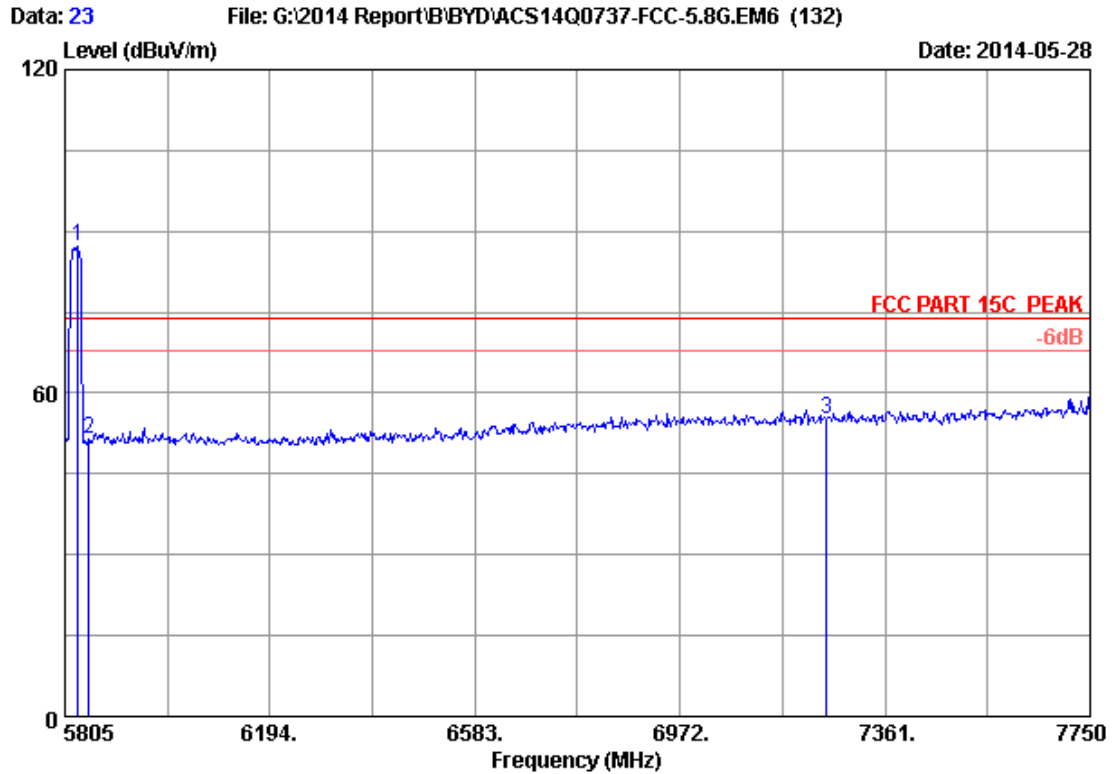
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 8
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11a CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	30.85	38.34	54.00	15.66	Average
2	5725.000	34.09	9.52	35.70	31.09	39.00	54.00	15.00	Average
3	5743.600	34.10	9.54	35.70	66.98	74.92	54.00	-20.92	Average

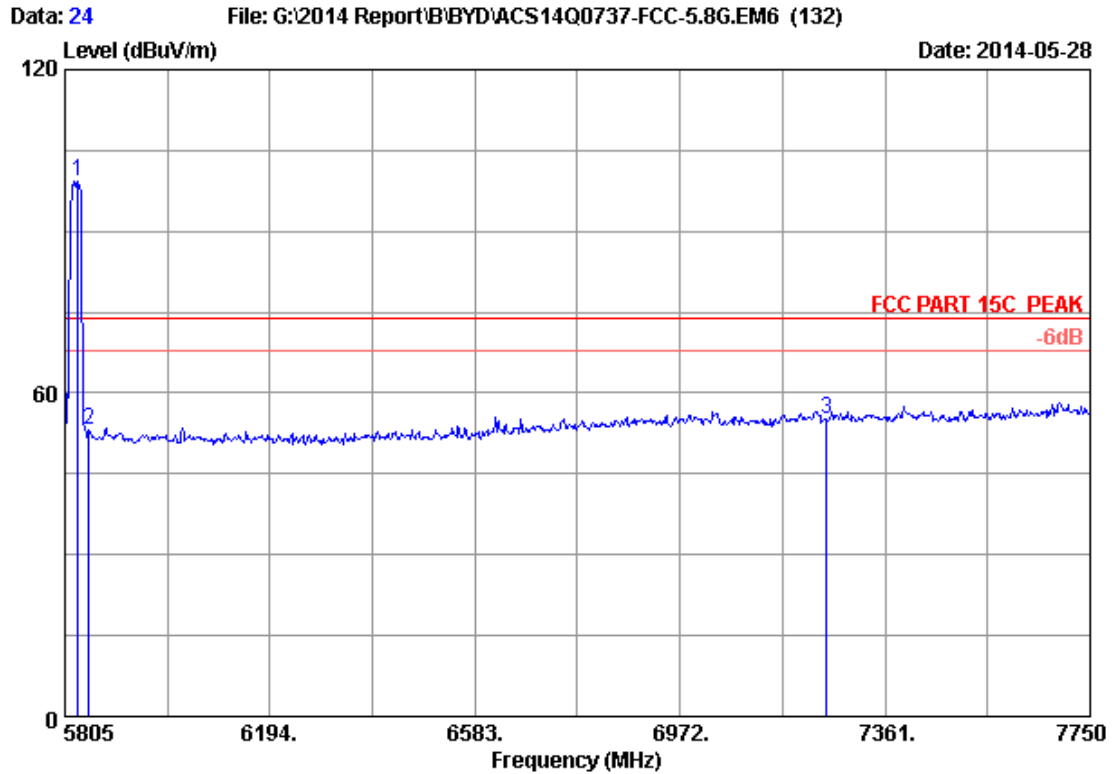
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 23
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11a CH165 5825MHz Tx
 M/N : BEL01

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	5830.285	34.13	9.63	35.70	79.34	87.40	74.00	-13.40	Peak
2	5850.000	34.14	9.66	35.70	43.43	51.53	74.00	22.47	Peak
3	7250.000	36.05	10.99	35.45	43.69	55.28	74.00	18.72	Peak

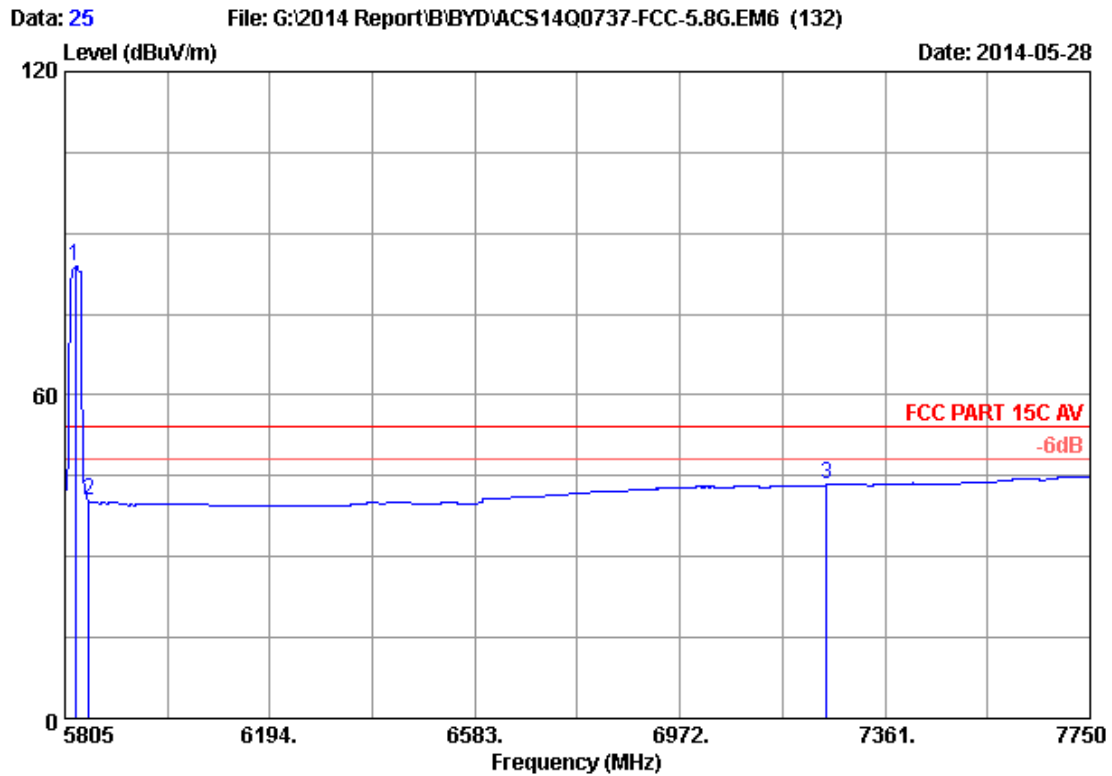
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 24
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11a CH165 5825MHz Tx
 M/N : BEL01

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	5830.285	34.13	9.63	35.70	91.37	99.43	74.00	-25.43	Peak
2	5850.000	34.14	9.66	35.70	44.94	53.04	74.00	20.96	Peak
3	7250.000	36.05	10.99	35.45	43.53	55.12	74.00	18.88	Peak

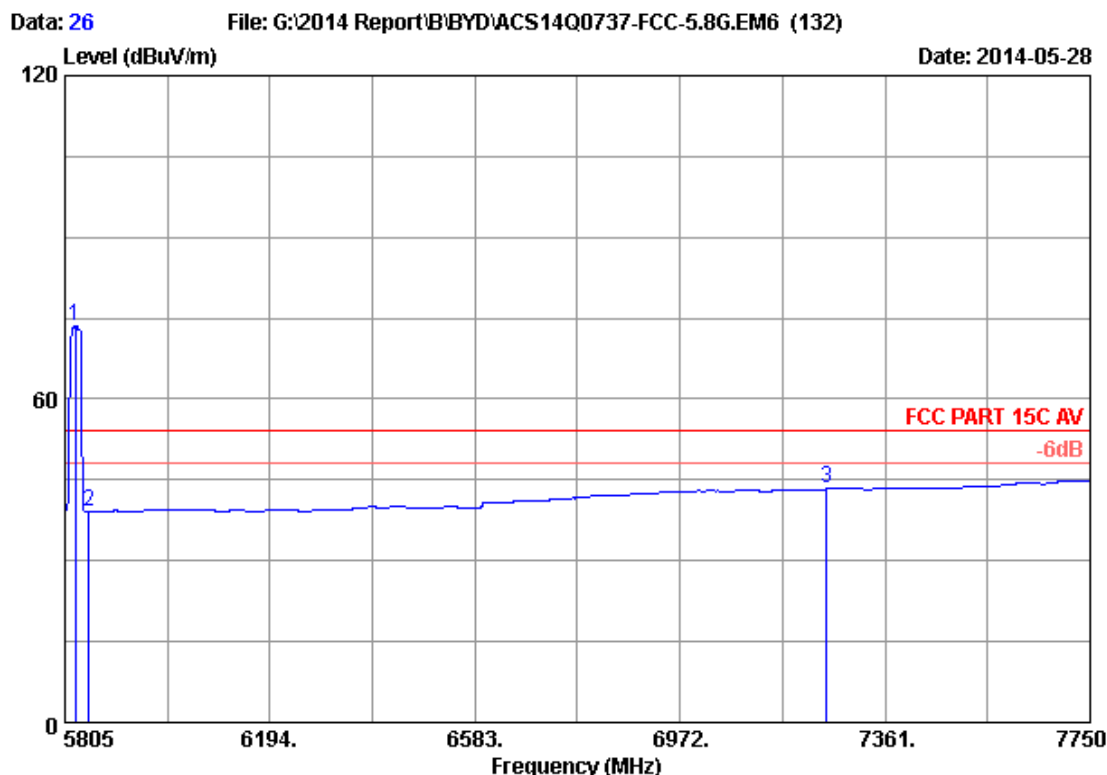
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 25
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11a CH165 5825MHz Tx
 M/N : BEL01

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	5824.450	34.13	9.63	35.70	75.69	83.75	54.00	-29.75	Average
2	5850.000	34.14	9.66	35.70	32.23	40.33	54.00	13.67	Average
3	7250.000	36.05	10.99	35.45	31.73	43.32	54.00	10.68	Average

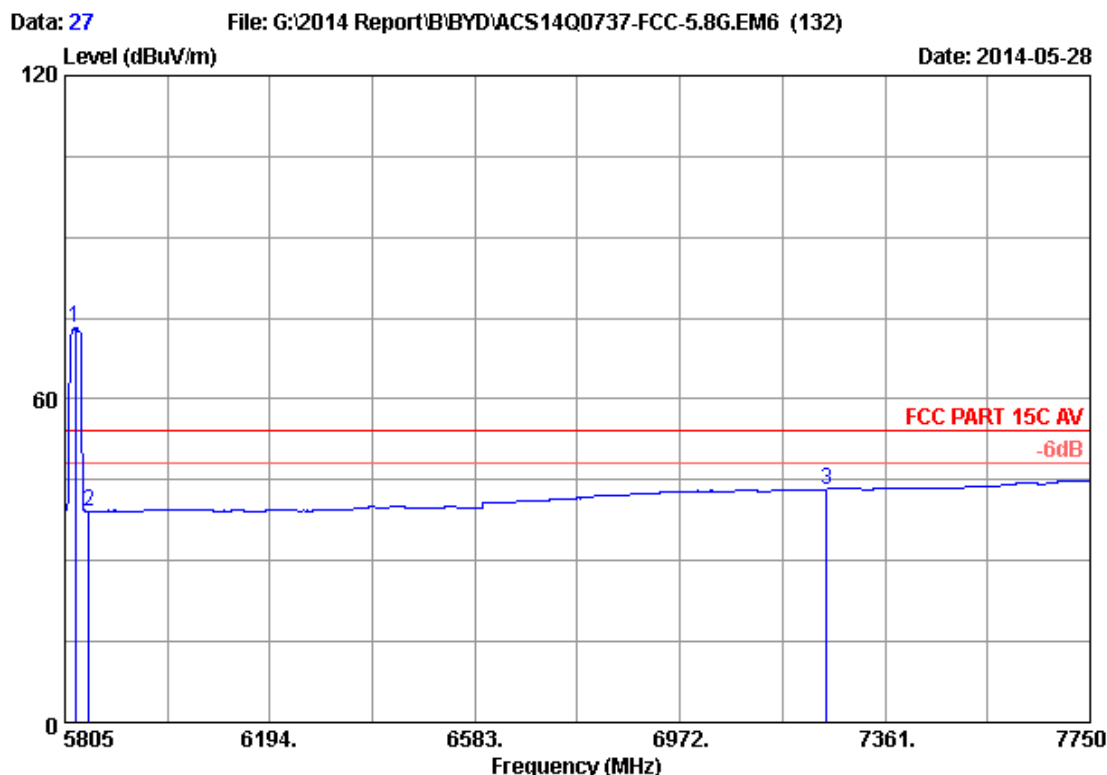
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 26
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11a CH165 5825MHz Tx
 M/N : BEL01

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	5824.450	34.13	9.63	35.70	65.43	73.49	54.00	-19.49	Average
2	5850.000	34.14	9.66	35.70	30.88	38.98	54.00	15.02	Average
3	7250.000	36.05	10.99	35.45	31.71	43.30	54.00	10.70	Average

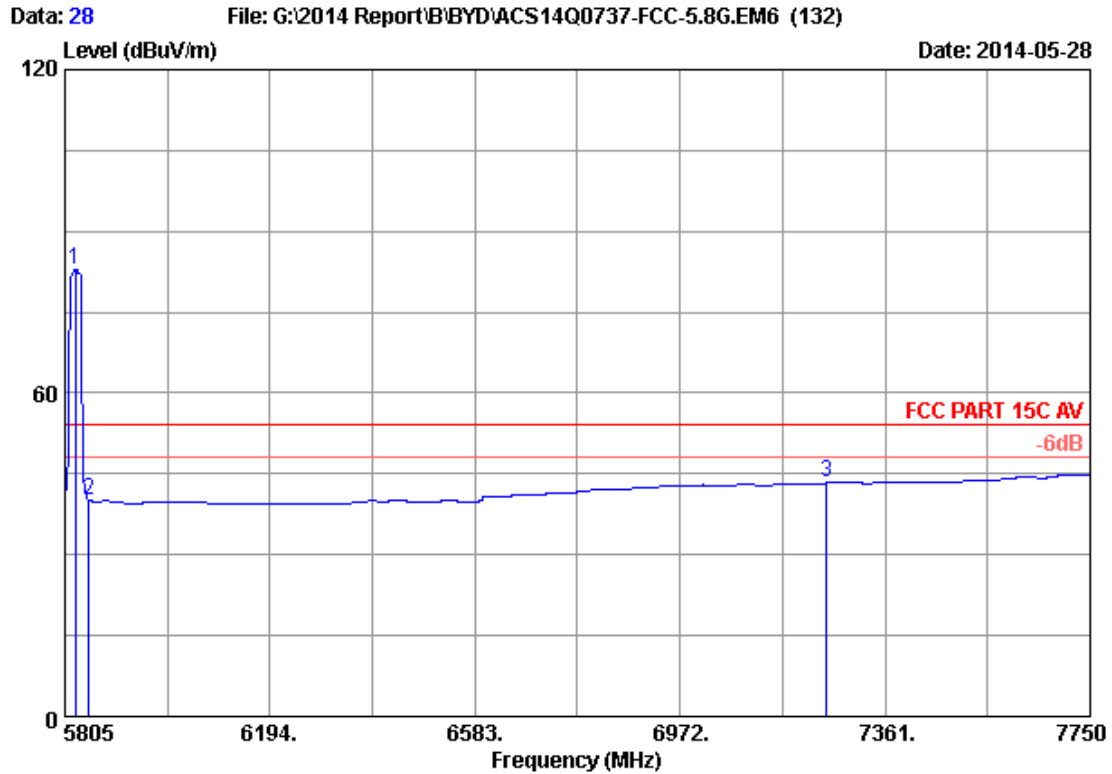
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 27
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx
 M/N : BEL01

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	5824.450	34.13	9.63	35.70	65.09	73.15	54.00	-19.15	Average
2	5850.000	34.14	9.66	35.70	30.90	39.00	54.00	15.00	Average
3	7250.000	36.05	10.99	35.45	31.69	43.28	54.00	10.72	Average

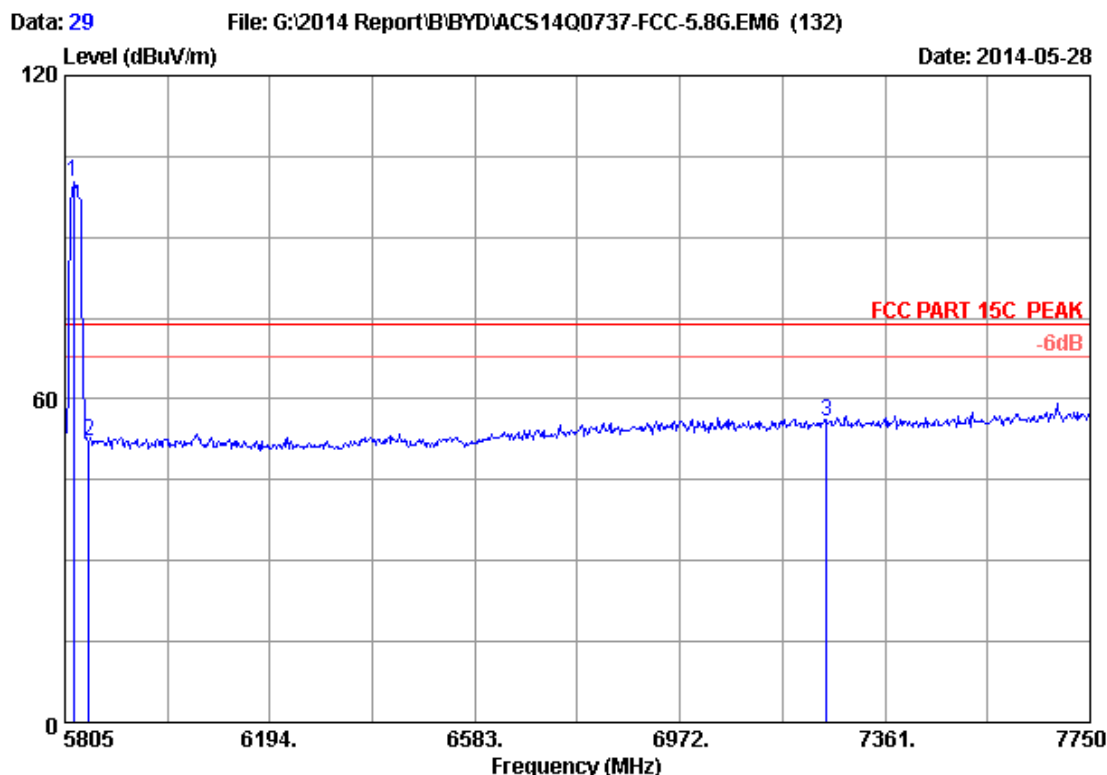
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 28
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx
 M/N : BEL01

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	5824.450	34.13	9.63	35.70	74.77	82.83	54.00	-28.83	Average
2	5850.000	34.14	9.66	35.70	32.09	40.19	54.00	13.81	Average
3	7250.000	36.05	10.99	35.45	31.70	43.29	54.00	10.71	Average

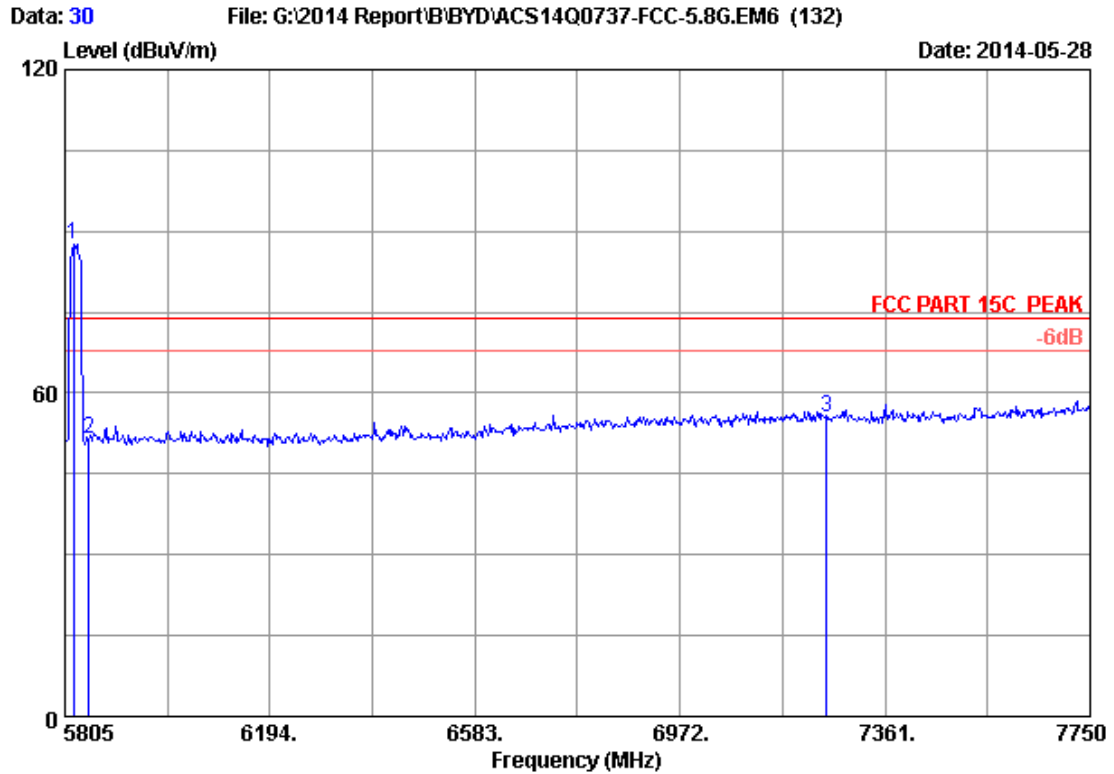
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



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 : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx
 M/N : BEL01

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	5820.560	34.13	9.62	35.70	92.11	100.16	74.00	-26.16	Peak
2	5850.000	34.14	9.66	35.70	44.07	52.17	74.00	21.83	Peak
3	7250.000	36.05	10.99	35.45	44.15	55.74	74.00	18.26	Peak

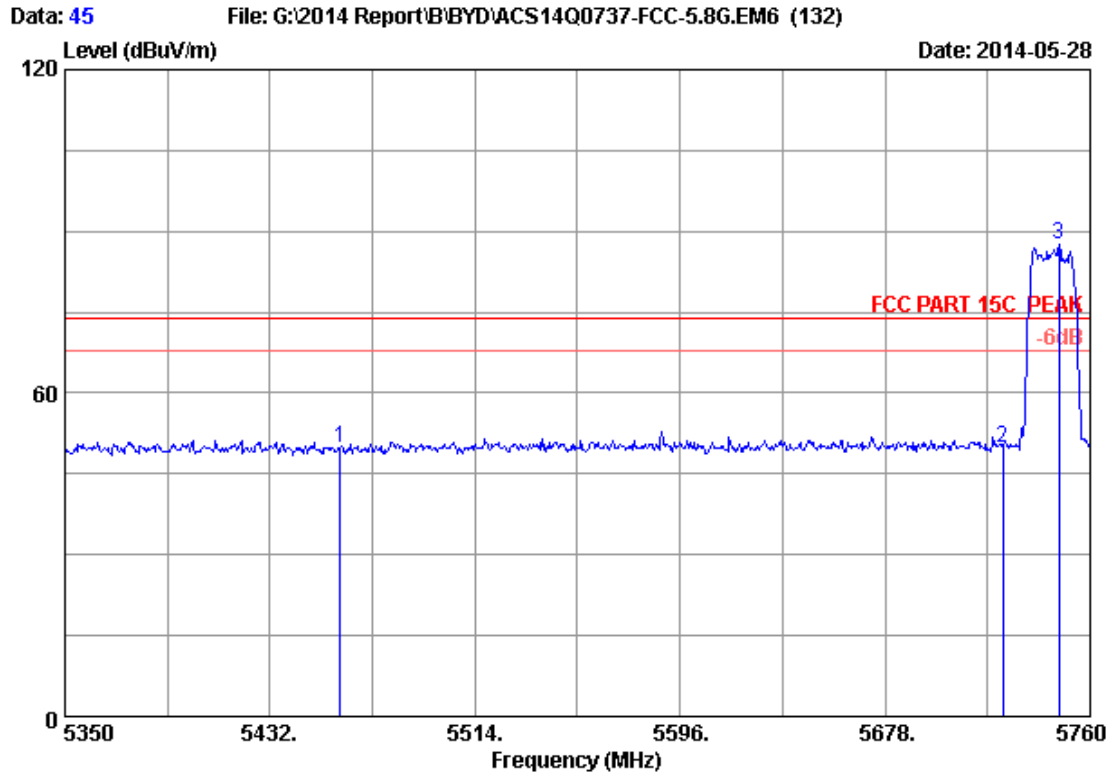
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 30
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 CH165 5825MHz Tx
 M/N : BEL01

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	5820.560	34.13	9.62	35.70	79.52	87.57	74.00	-13.57	Peak
2	5850.000	34.14	9.66	35.70	43.49	51.59	74.00	22.41	Peak
3	7250.000	36.05	10.99	35.45	44.06	55.65	74.00	18.35	Peak

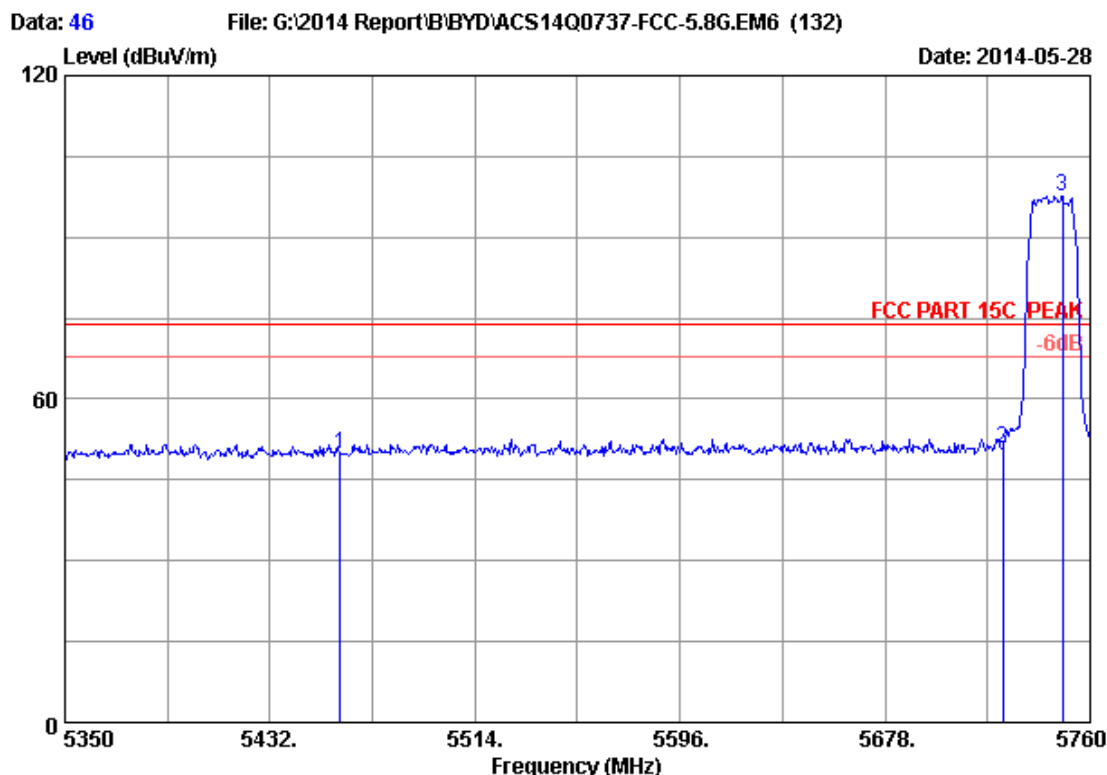
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 45
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	42.43	49.92	74.00	24.08	Peak
2	5725.000	34.09	9.52	35.70	41.89	49.80	74.00	24.20	Peak
3	5747.700	34.10	9.55	35.70	79.48	87.43	74.00	-13.43	Peak

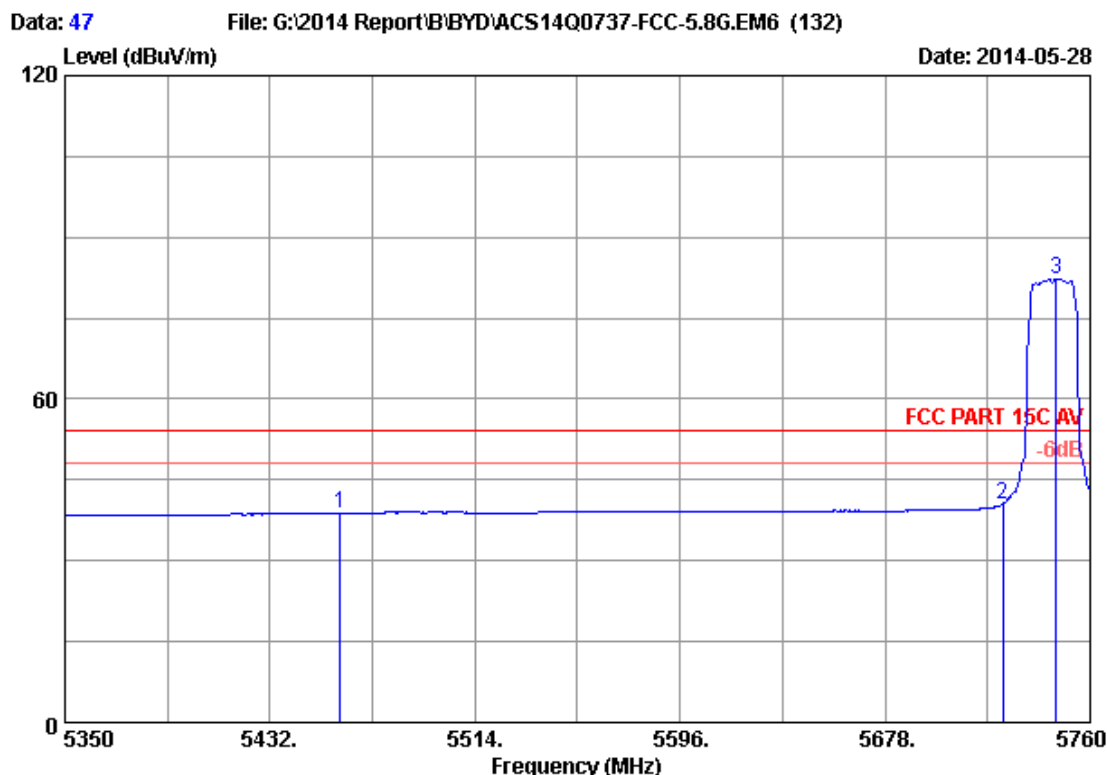
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 46
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	42.34	49.83	74.00	24.17	Peak
2	5725.000	34.09	9.52	35.70	42.99	50.90	74.00	23.10	Peak
3	5748.930	34.10	9.55	35.70	89.80	97.75	74.00	-23.75	Peak

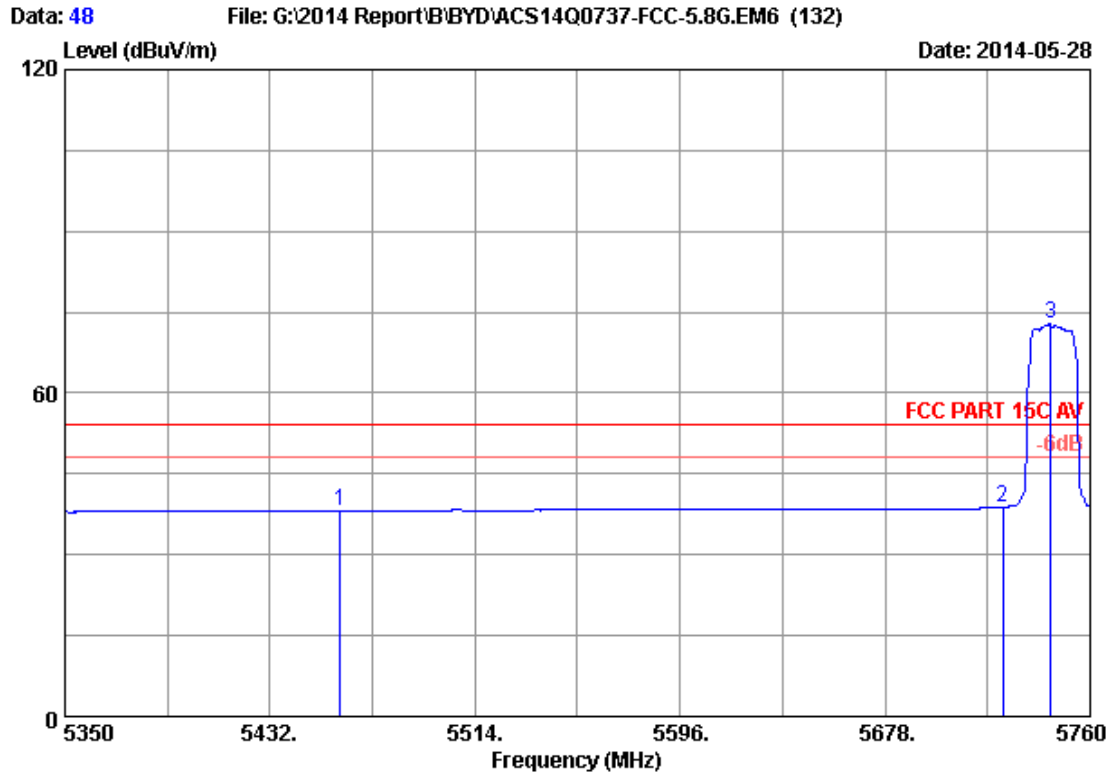
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 47
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	31.18	38.67	54.00	15.33	Average
2	5725.000	34.09	9.52	35.70	32.63	40.54	54.00	13.46	Average
3	5746.470	34.10	9.55	35.70	74.32	82.27	54.00	-28.27	Average

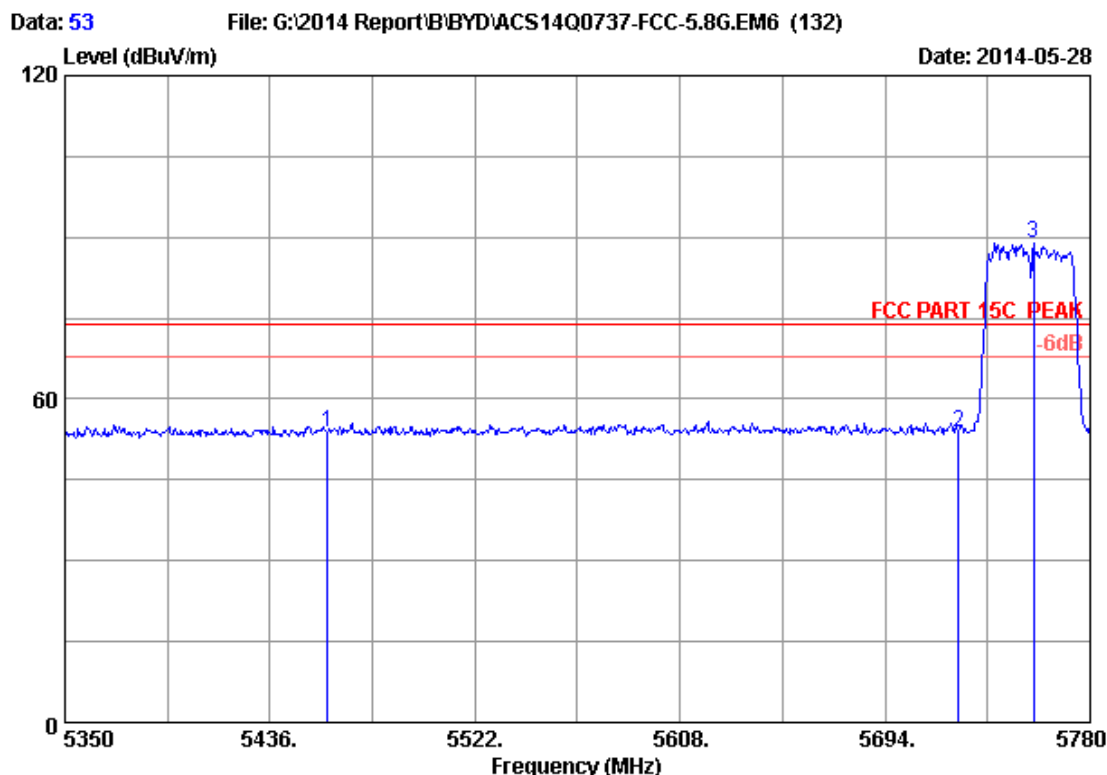
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 48
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT20 CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	30.59	38.08	54.00	15.92	Average
2	5725.000	34.09	9.52	35.70	30.84	38.75	54.00	15.25	Average
3	5744.420	34.10	9.54	35.70	64.82	72.76	54.00	-18.76	Average

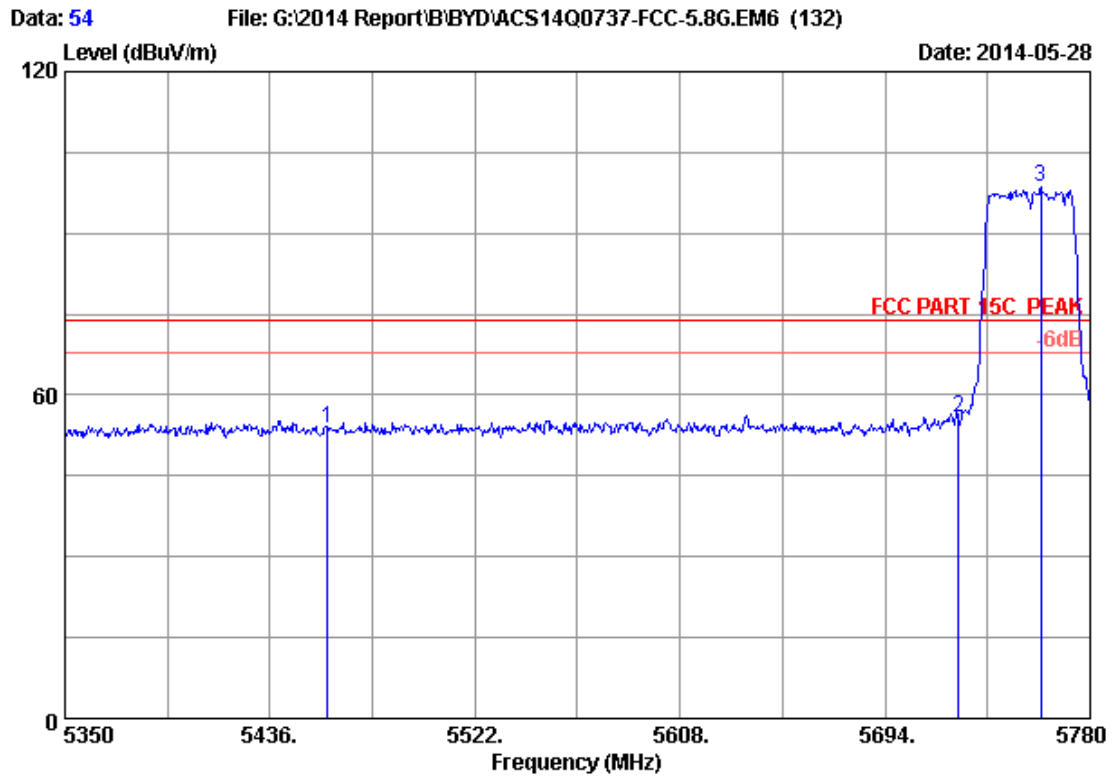
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 53
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH151 5755MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	46.48	53.97	74.00	20.03	Peak
2	5725.000	34.09	9.52	35.70	45.84	53.75	74.00	20.25	Peak
3	5756.350	34.10	9.56	35.70	80.93	88.89	74.00	-14.89	Peak

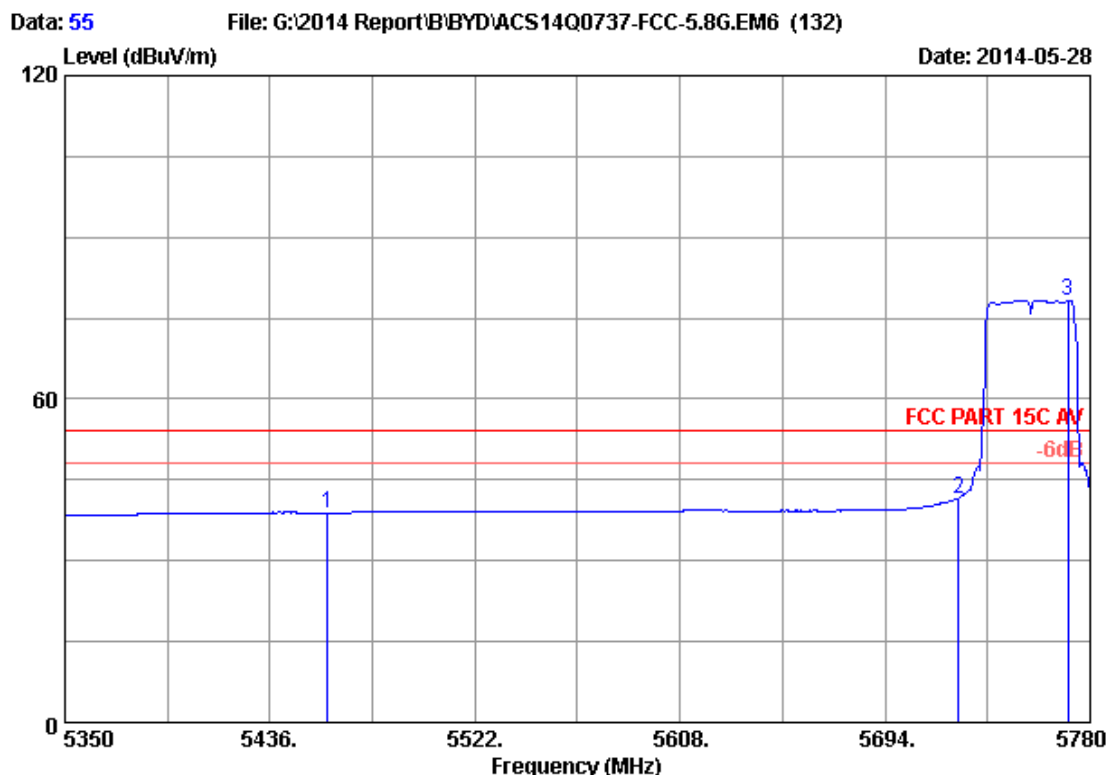
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 54
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH151 5755MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	46.34	53.83	74.00	20.17	Peak
2	5725.000	34.09	9.52	35.70	47.84	55.75	74.00	18.25	Peak
3	5759.360	34.10	9.56	35.70	90.64	98.60	74.00	-24.60	Peak

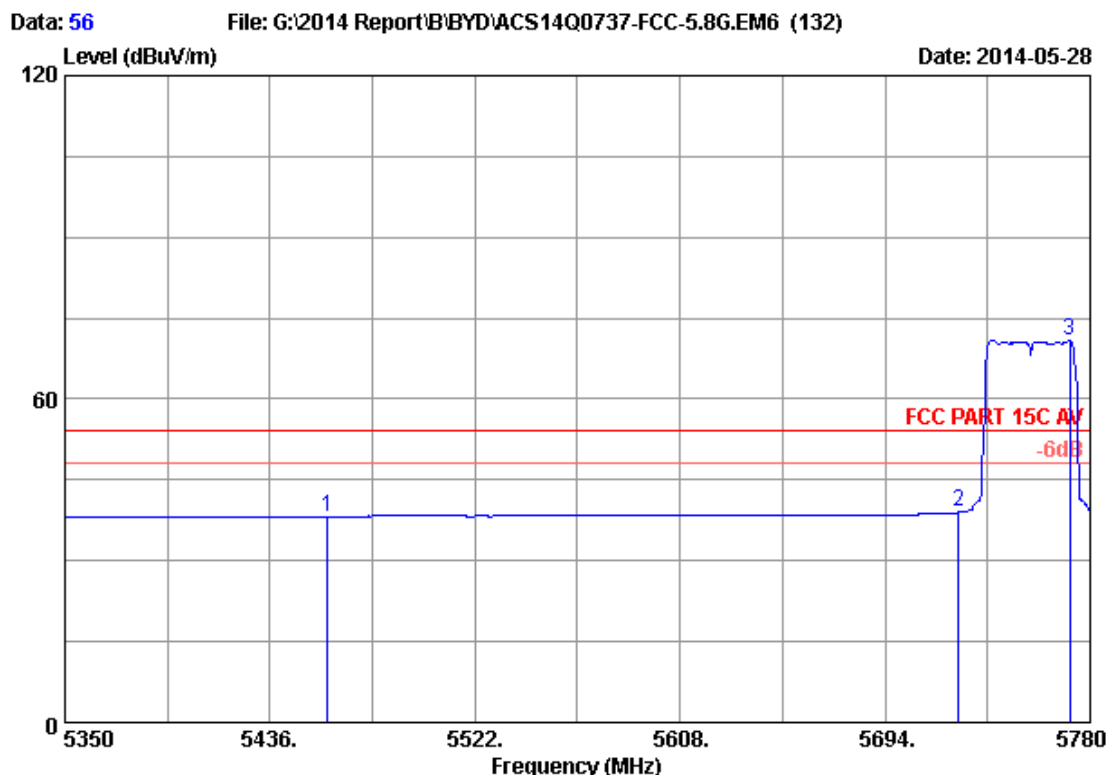
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 55
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH151 5755MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	31.28	38.77	54.00	15.23	Average
2	5725.000	34.09	9.52	35.70	33.67	41.58	54.00	12.42	Average
3	5770.540	34.11	9.57	35.70	70.38	78.36	54.00	-24.36	Average

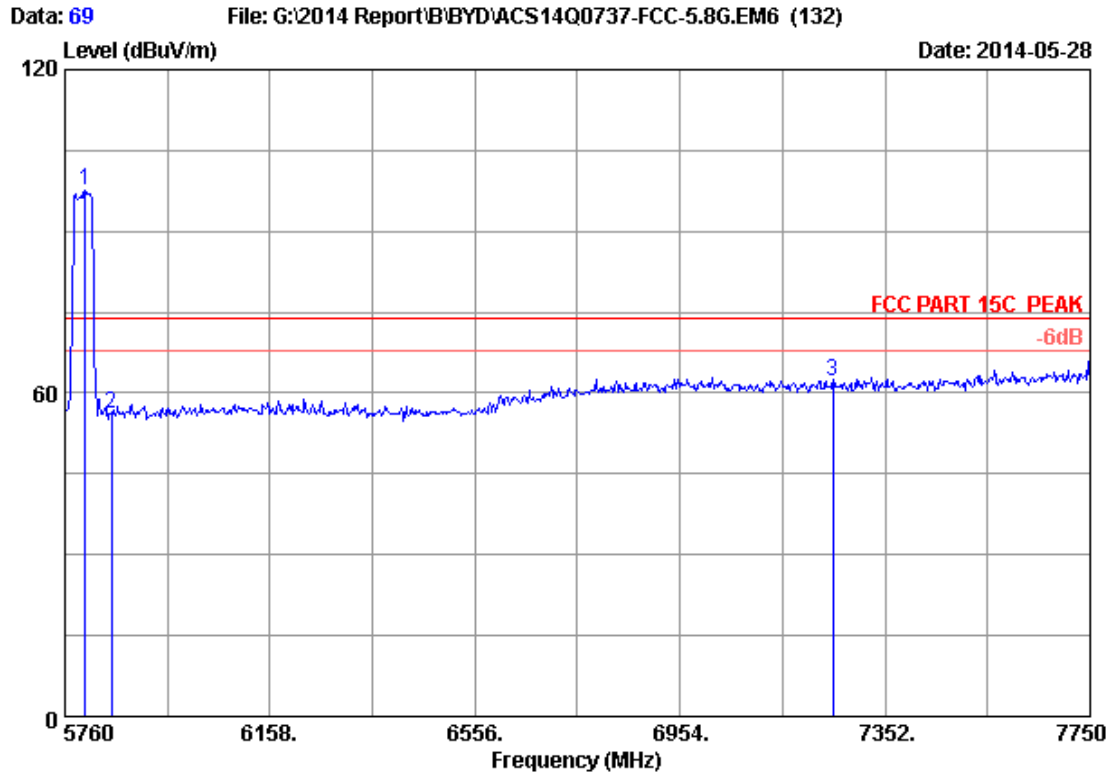
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 56
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH151 5755MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	30.69	38.18	54.00	15.82	Average
2	5725.000	34.09	9.52	35.70	31.04	38.95	54.00	15.05	Average
3	5771.400	34.11	9.57	35.70	62.79	70.77	54.00	-16.77	Average

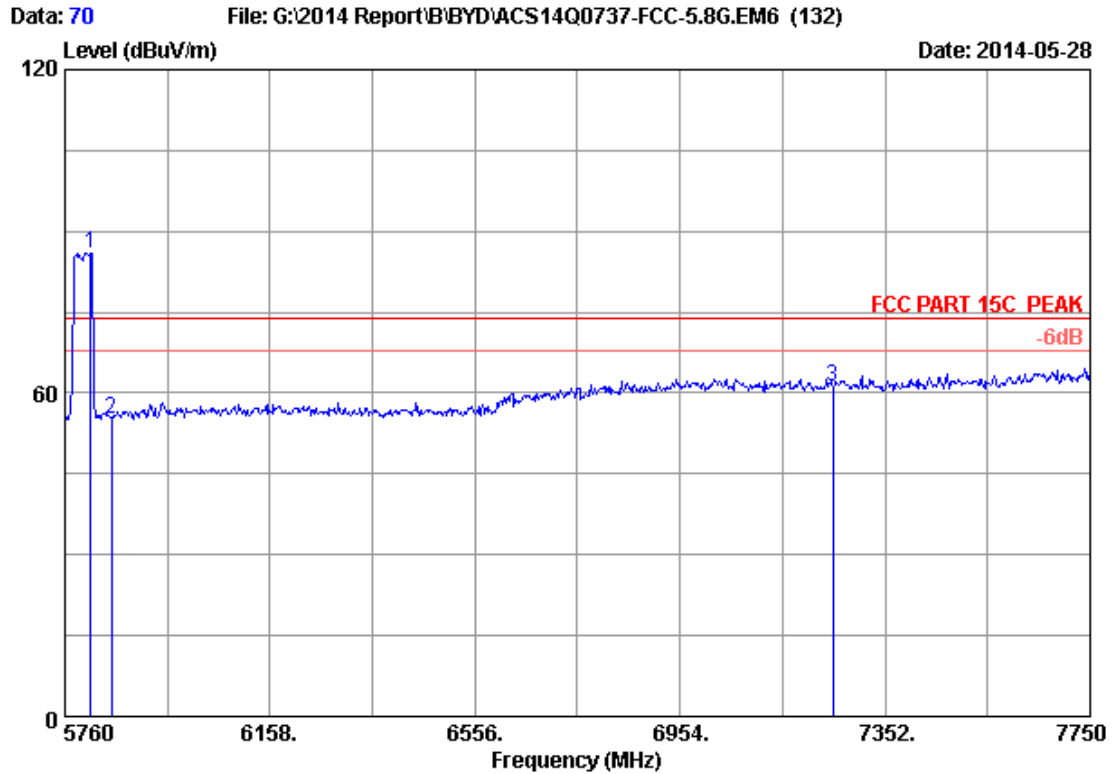
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 69
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH159 5795MHz Tx
 M/N : BEL01

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	5799.800	34.12	9.60	35.70	89.54	97.56	74.00	-23.56	Peak
2	5850.000	34.14	9.66	35.70	47.91	56.01	74.00	17.99	Peak
3	7250.000	36.05	10.99	35.45	50.43	62.02	74.00	11.98	Peak

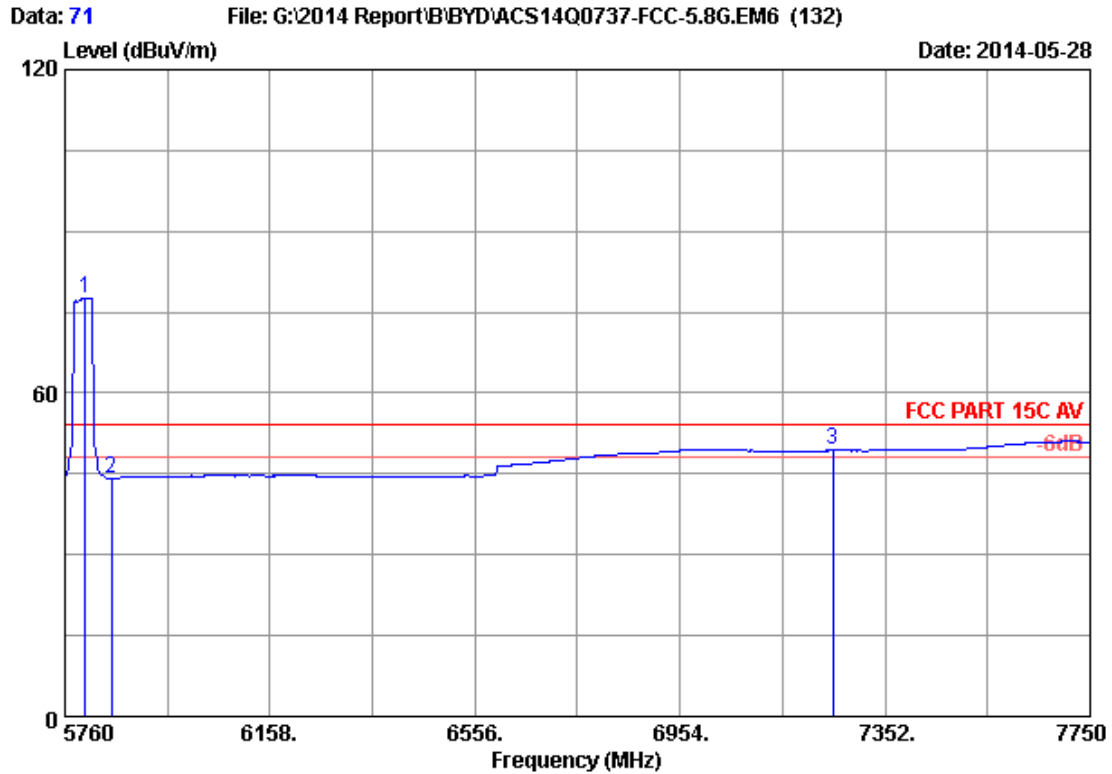
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 70
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH159 5795MHz Tx
 M/N : BEL01

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	5809.750	34.12	9.61	35.70	77.89	85.92	74.00	-11.92	Peak
2	5850.000	34.14	9.66	35.70	47.16	55.26	74.00	18.74	Peak
3	7250.000	36.05	10.99	35.45	49.56	61.15	74.00	12.85	Peak

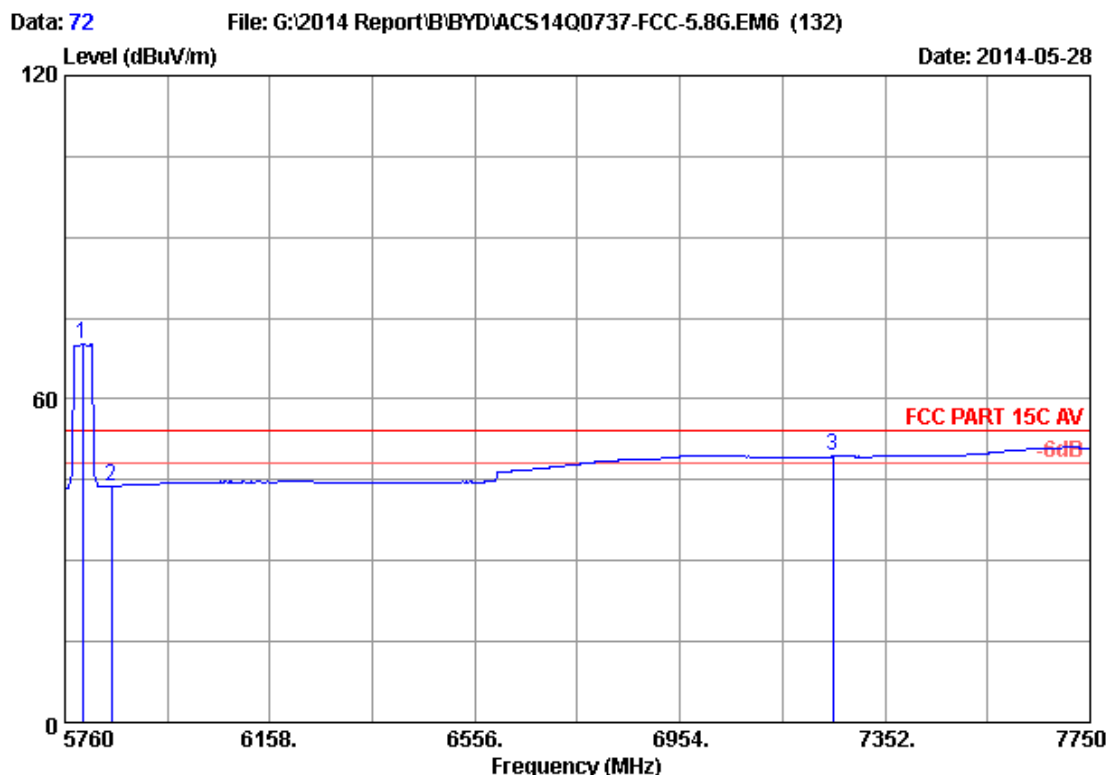
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 71
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH159 5795MHz Tx
 M/N : BEL01

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	5799.800	34.12	9.60	35.70	69.65	77.67	54.00	-23.67	Average
2	5850.000	34.14	9.66	35.70	36.08	44.18	54.00	9.82	Average
3	7250.000	36.05	10.99	35.45	37.71	49.30	54.00	4.70	Average

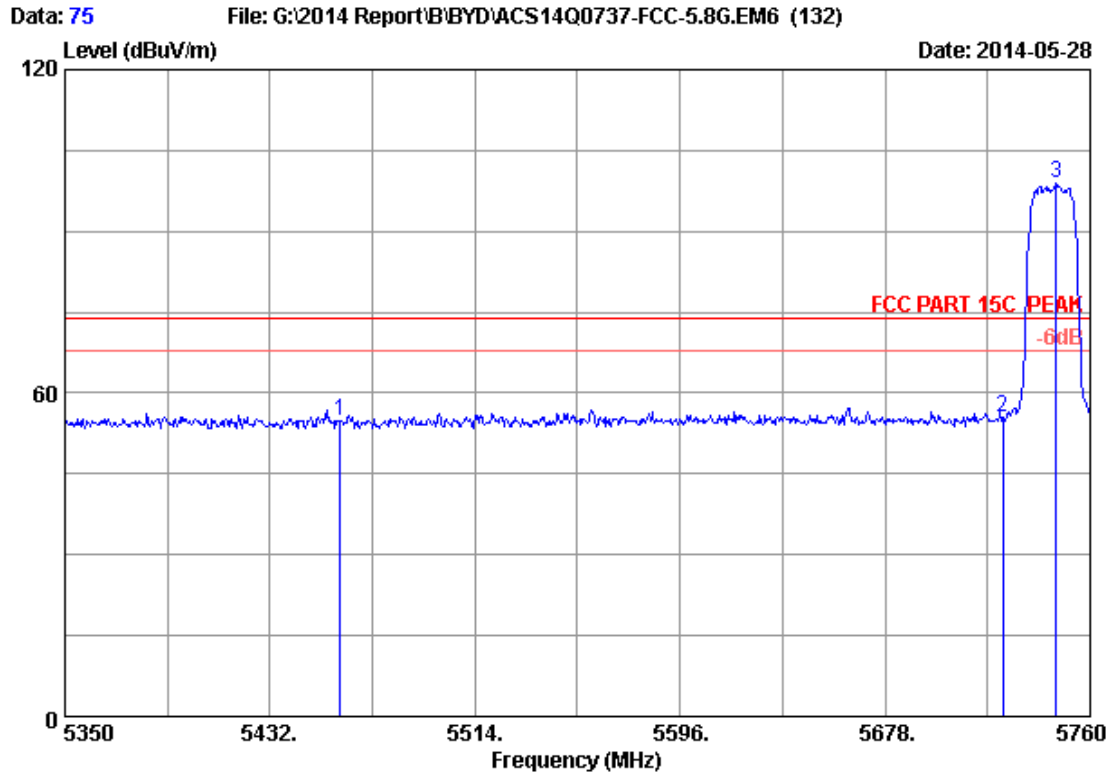
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 72
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11nHT40 CH159 5795MHz Tx
 M/N : BEL01

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	5793.830	34.12	9.60	35.70	62.15	70.17	54.00	-16.17	Average
2	5850.000	34.14	9.66	35.70	35.65	43.75	54.00	10.25	Average
3	7250.000	36.05	10.99	35.45	37.73	49.32	54.00	4.68	Average

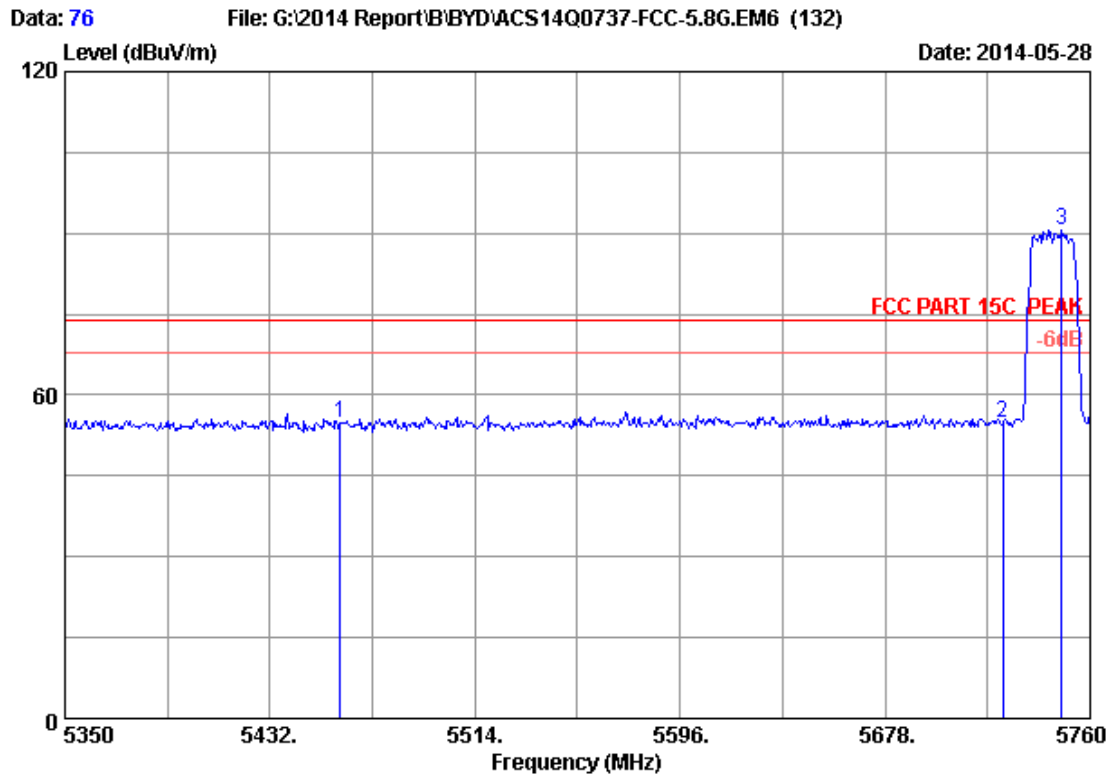
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 75
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	47.26	54.75	74.00	19.25	Peak
2	5725.000	34.09	9.52	35.70	47.70	55.61	74.00	18.39	Peak
3	5746.470	34.10	9.55	35.70	91.09	99.04	74.00	-25.04	Peak

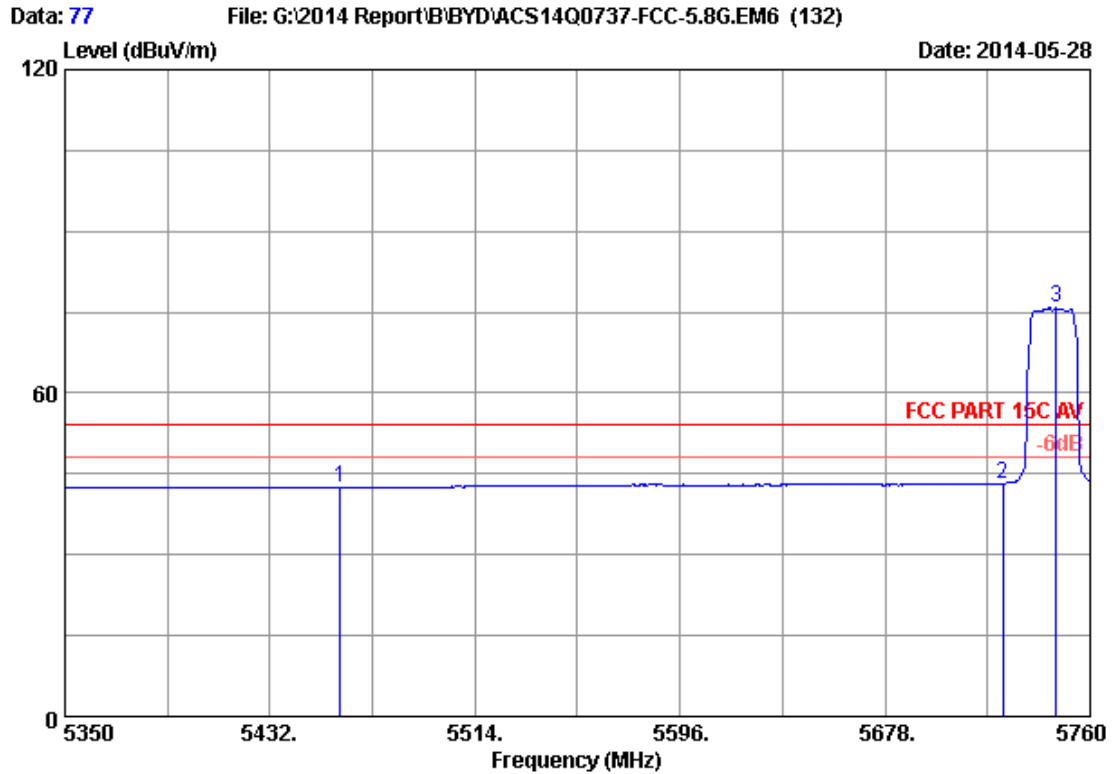
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 76
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	47.44	54.93	74.00	19.07	Peak
2	5725.000	34.09	9.52	35.70	46.75	54.66	74.00	19.34	Peak
3	5748.520	34.10	9.55	35.70	82.61	90.56	74.00	-16.56	Peak

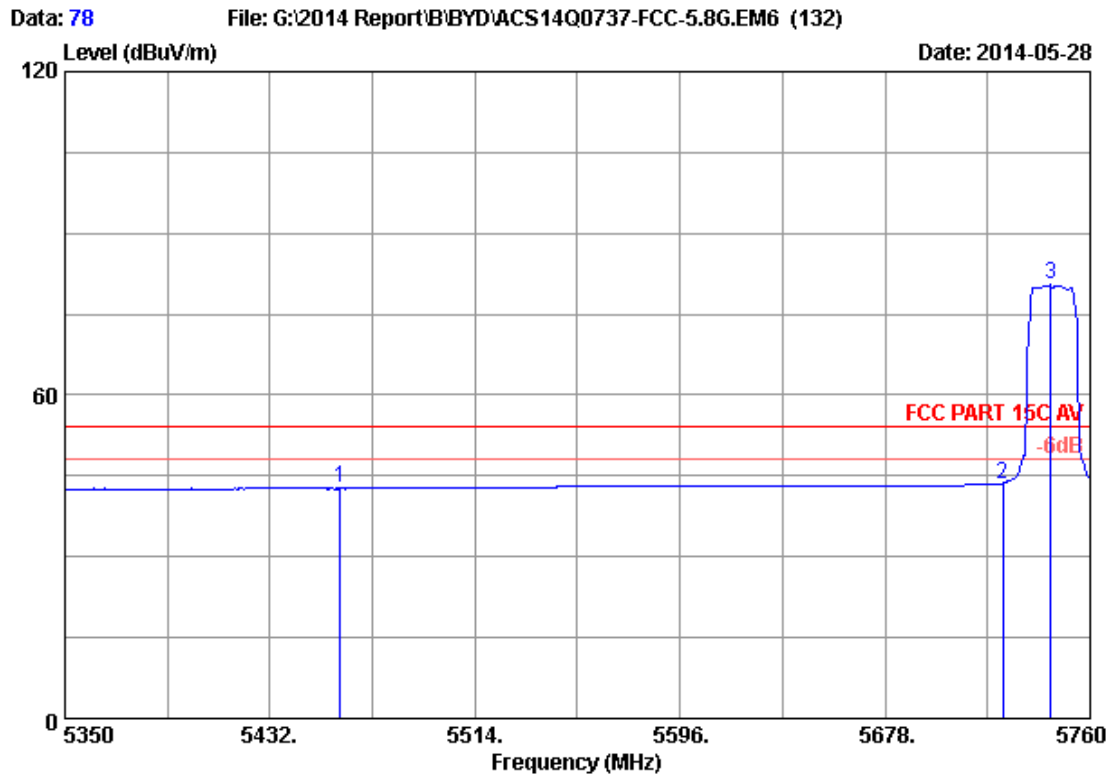
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -AMP Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 77
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	35.00	42.49	54.00	11.51	Average
2	5725.000	34.09	9.52	35.70	35.30	43.21	54.00	10.79	Average
3	5746.470	34.10	9.55	35.70	67.81	75.76	54.00	-21.76	Average

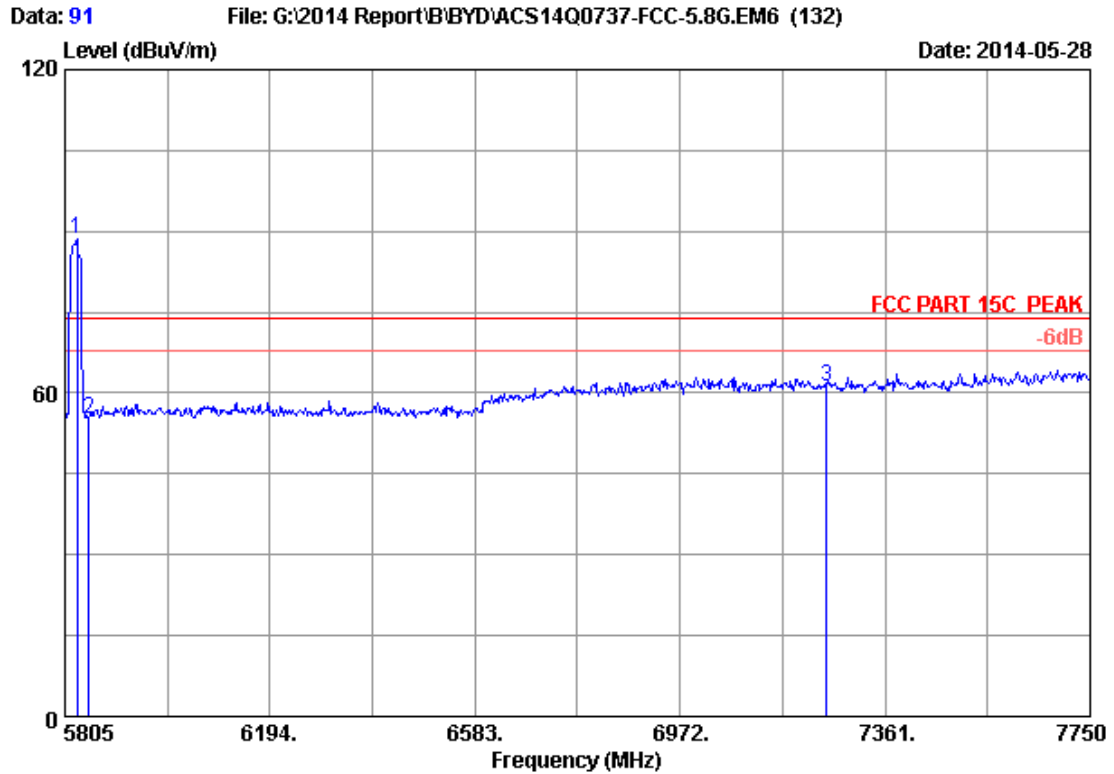
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 78
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH149 5745MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	35.18	42.67	54.00	11.33	Average
2	5725.000	34.09	9.52	35.70	35.70	43.61	54.00	10.39	Average
3	5744.420	34.10	9.54	35.70	72.46	80.40	54.00	-26.40	Average

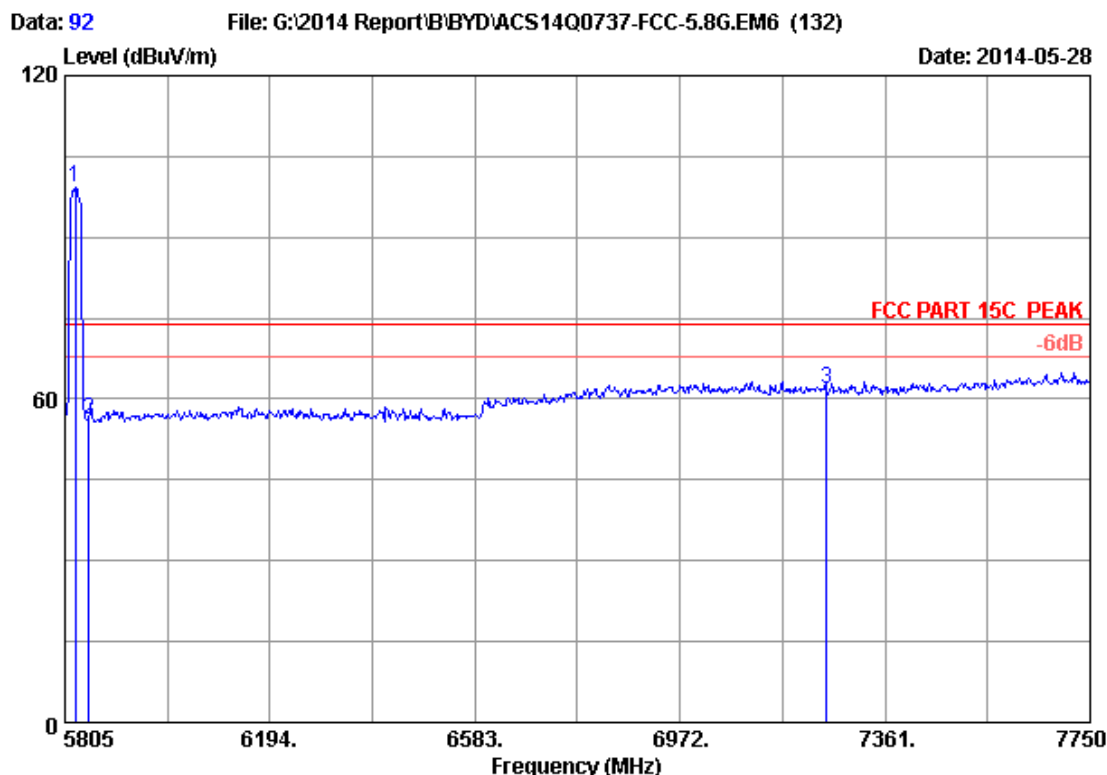
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 91
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH165 5825MHz Tx
 M/N : BEL01

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	5828.340	34.13	9.63	35.70	80.36	88.42	74.00	-14.42	Peak
2	5850.000	34.14	9.66	35.70	47.01	55.11	74.00	18.89	Peak
3	7250.000	36.05	10.99	35.45	49.67	61.26	74.00	12.74	Peak

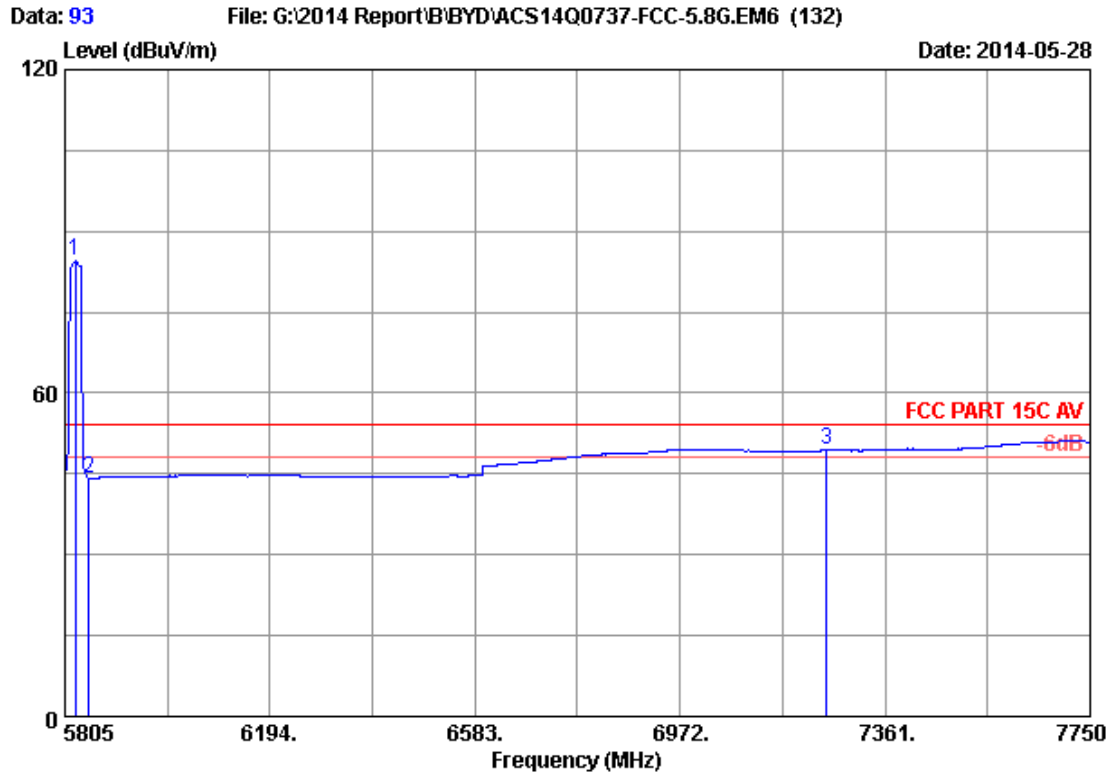
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 92
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH165 5825MHz Tx
 M/N : BEL01

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	5824.450	34.13	9.63	35.70	91.14	99.20	74.00	-25.20	Peak
2	5850.000	34.14	9.66	35.70	48.07	56.17	74.00	17.83	Peak
3	7250.000	36.05	10.99	35.45	50.23	61.82	74.00	12.18	Peak

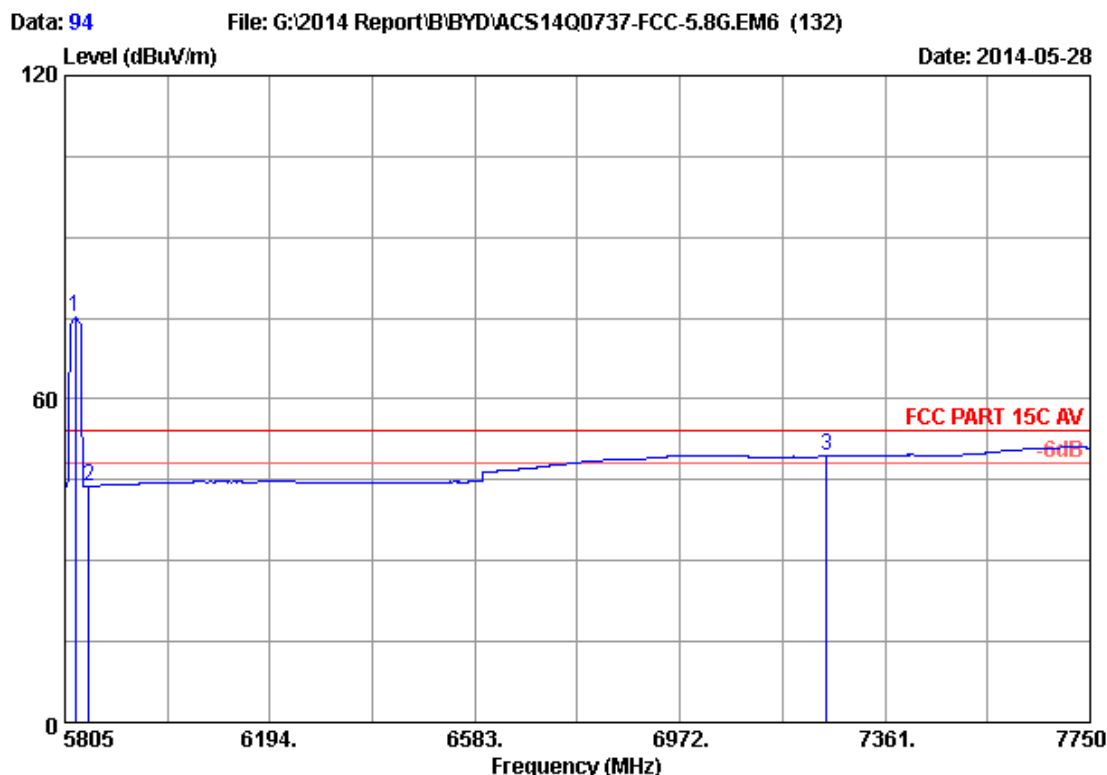
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 93
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH165 5825MHz Tx
 M/N : BEL01

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	5824.450	34.13	9.63	35.70	76.38	84.44	54.00	-30.44	Average
2	5850.000	34.14	9.66	35.70	36.19	44.29	54.00	9.71	Average
3	7250.000	36.05	10.99	35.45	37.76	49.35	54.00	4.65	Average

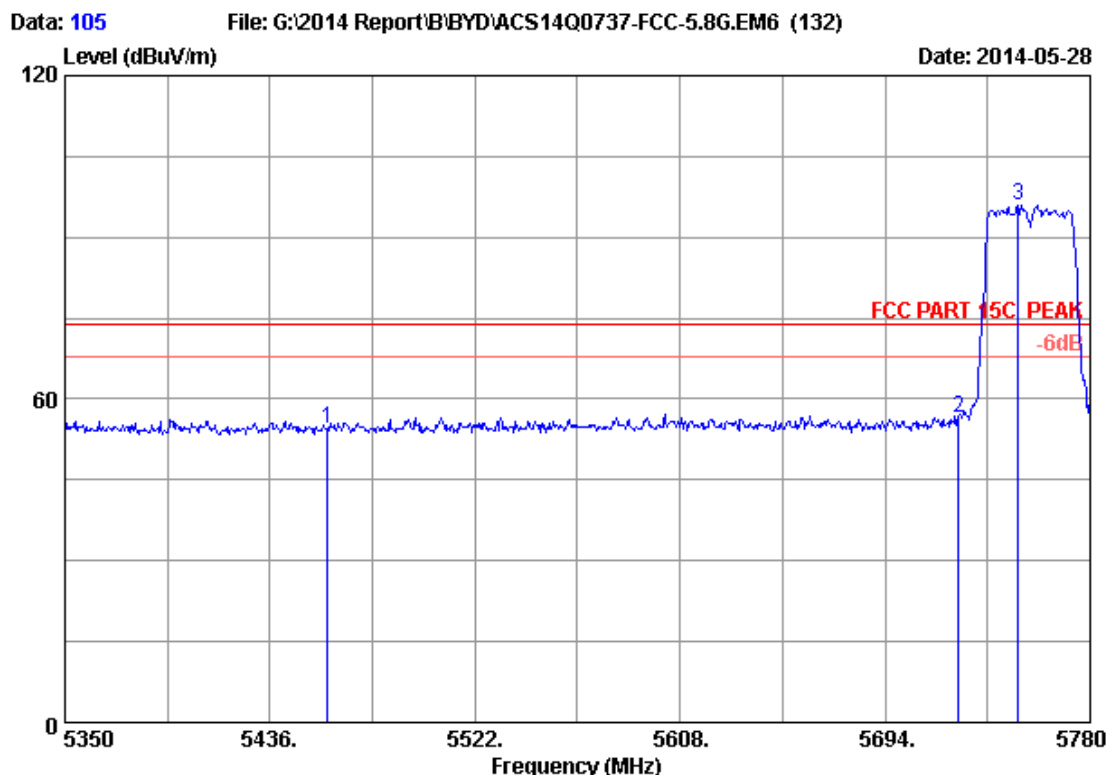
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 94
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT20 CH165 5825MHz Tx
 M/N : BEL01

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	5824.450	34.13	9.63	35.70	67.02	75.08	54.00	-21.08	Average
2	5850.000	34.14	9.66	35.70	35.67	43.77	54.00	10.23	Average
3	7250.000	36.05	10.99	35.45	37.75	49.34	54.00	4.66	Average

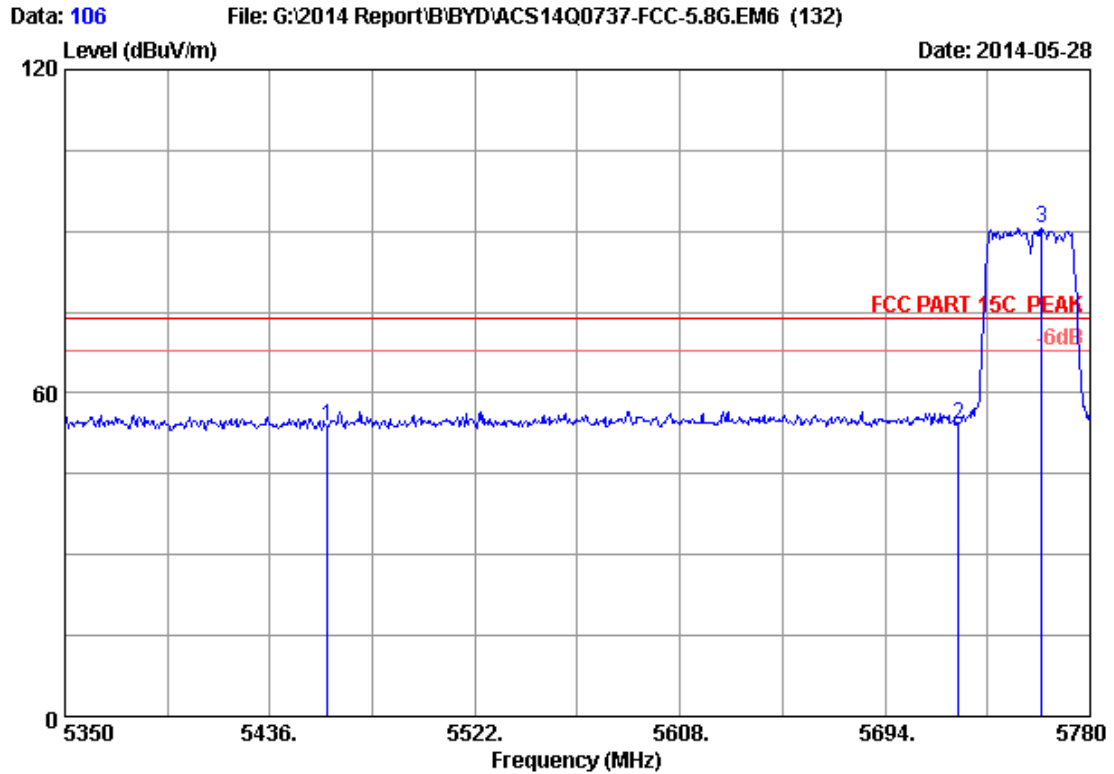
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 105
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH151 5755MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	47.02	54.51	74.00	19.49	Peak
2	5725.000	34.09	9.52	35.70	48.45	56.36	74.00	17.64	Peak
3	5749.900	34.10	9.55	35.70	87.94	95.89	74.00	-21.89	Peak

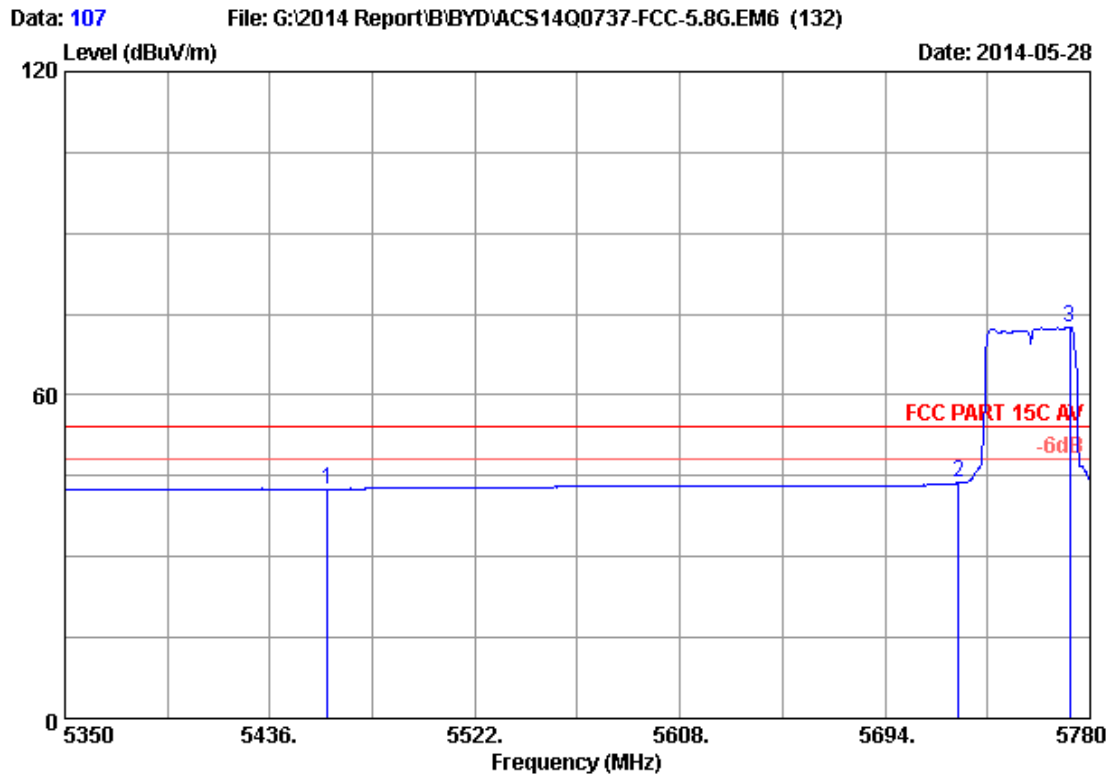
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 106
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH151 5755MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	46.28	53.77	74.00	20.23	Peak
2	5725.000	34.09	9.52	35.70	46.27	54.18	74.00	19.82	Peak
3	5759.790	34.10	9.56	35.70	82.71	90.67	74.00	-16.67	Peak

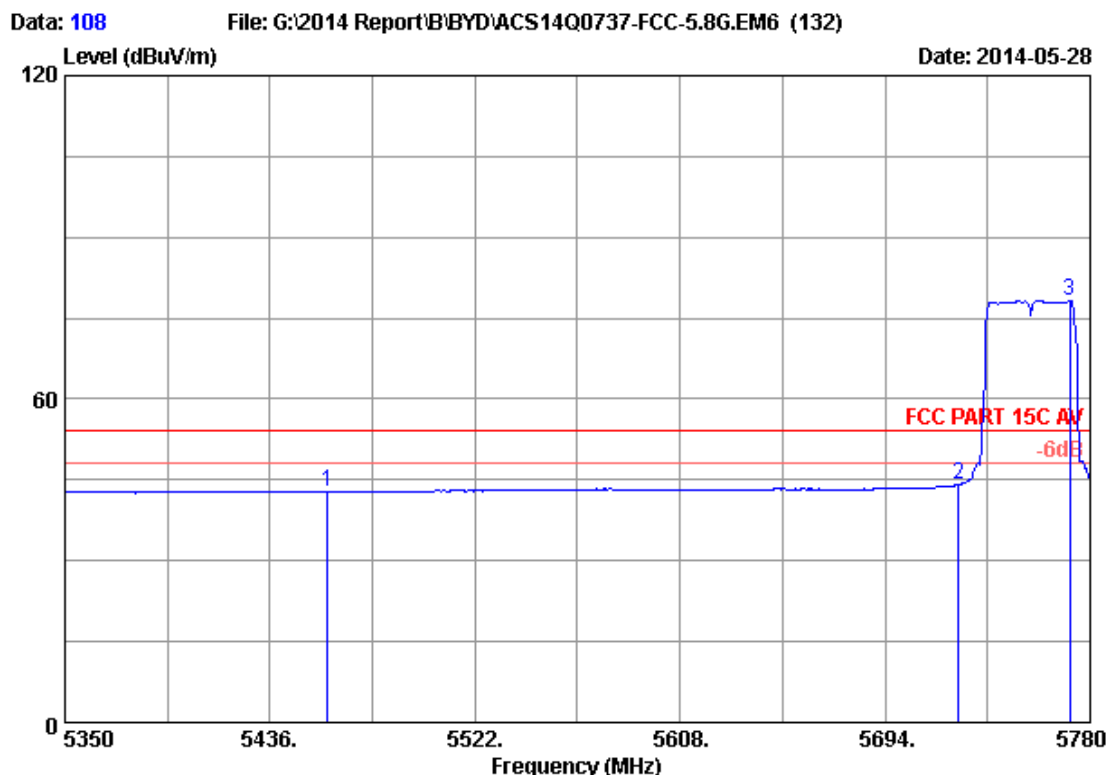
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -AMP Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 107
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH151 5755MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	35.08	42.57	54.00	11.43	Average
2	5725.000	34.09	9.52	35.70	35.74	43.65	54.00	10.35	Average
3	5771.400	34.11	9.57	35.70	64.64	72.62	54.00	-18.62	Average

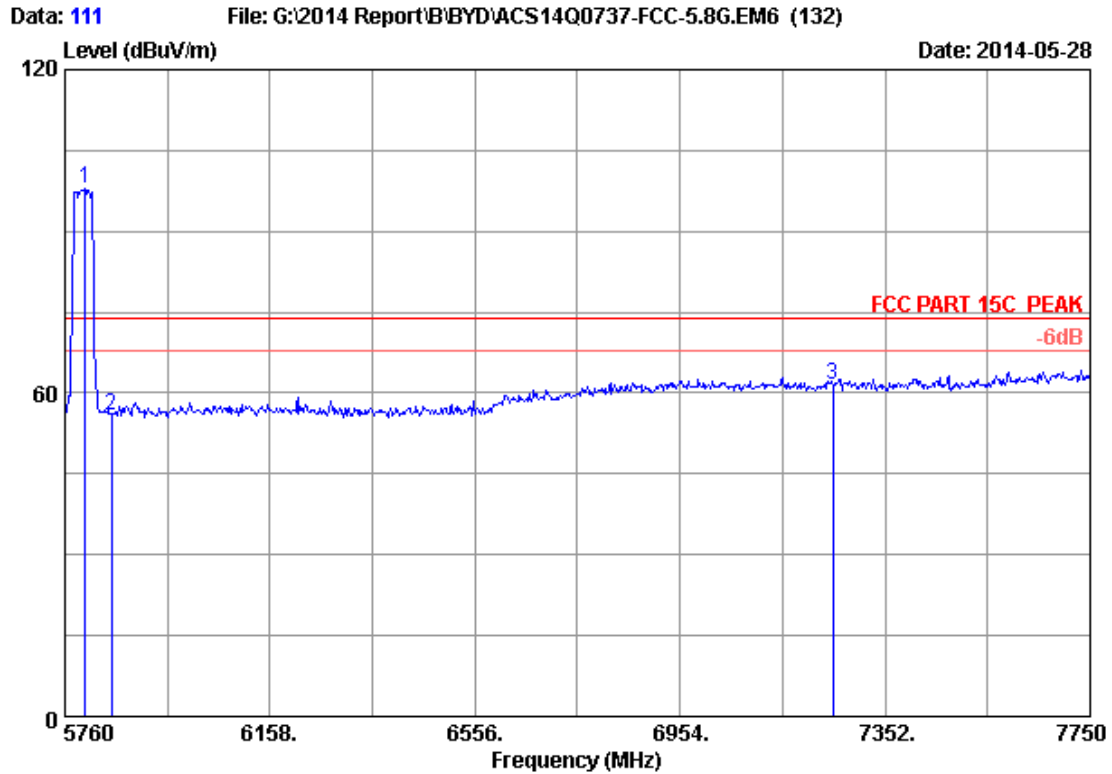
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 108
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH151 5755MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	35.27	42.76	54.00	11.24	Average
2	5725.000	34.09	9.52	35.70	36.18	44.09	54.00	9.91	Average
3	5771.400	34.11	9.57	35.70	70.20	78.18	54.00	-24.18	Average

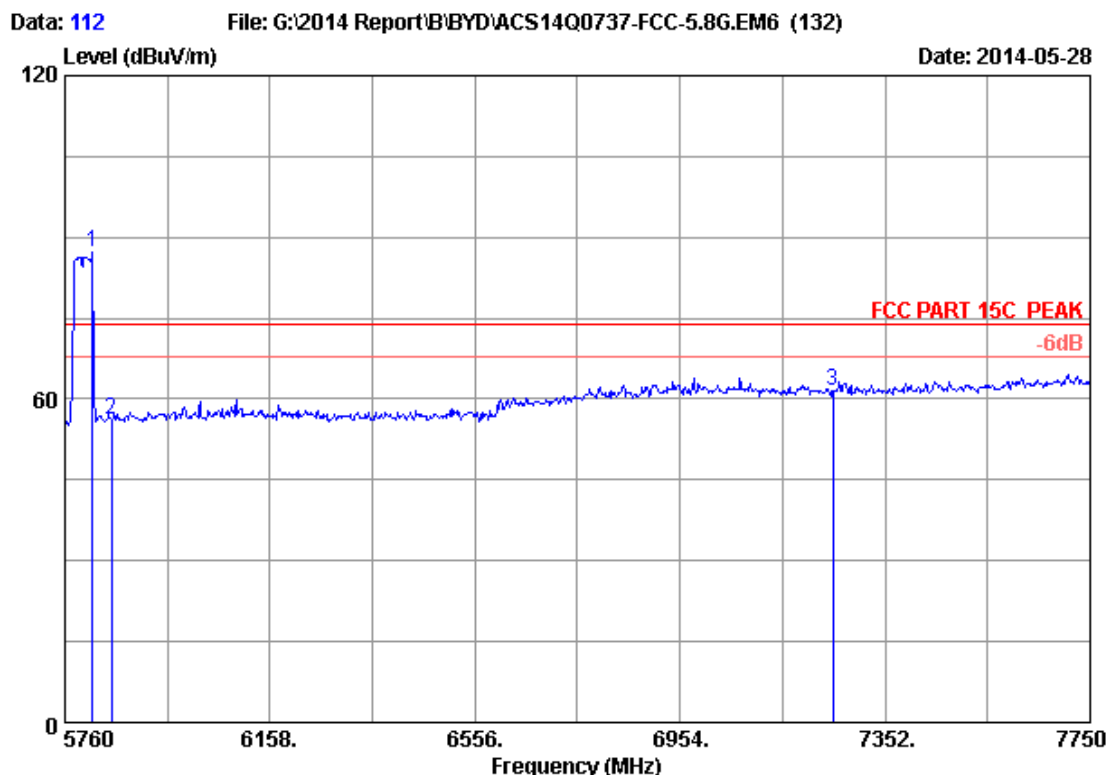
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 111
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH159 5795MHz Tx
 M/N : BEL01

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	5799.800	34.12	9.60	35.70	89.85	97.87	74.00	-23.87	Peak
2	5850.000	34.14	9.66	35.70	47.81	55.91	74.00	18.09	Peak
3	7250.000	36.05	10.99	35.45	50.00	61.59	74.00	12.41	Peak

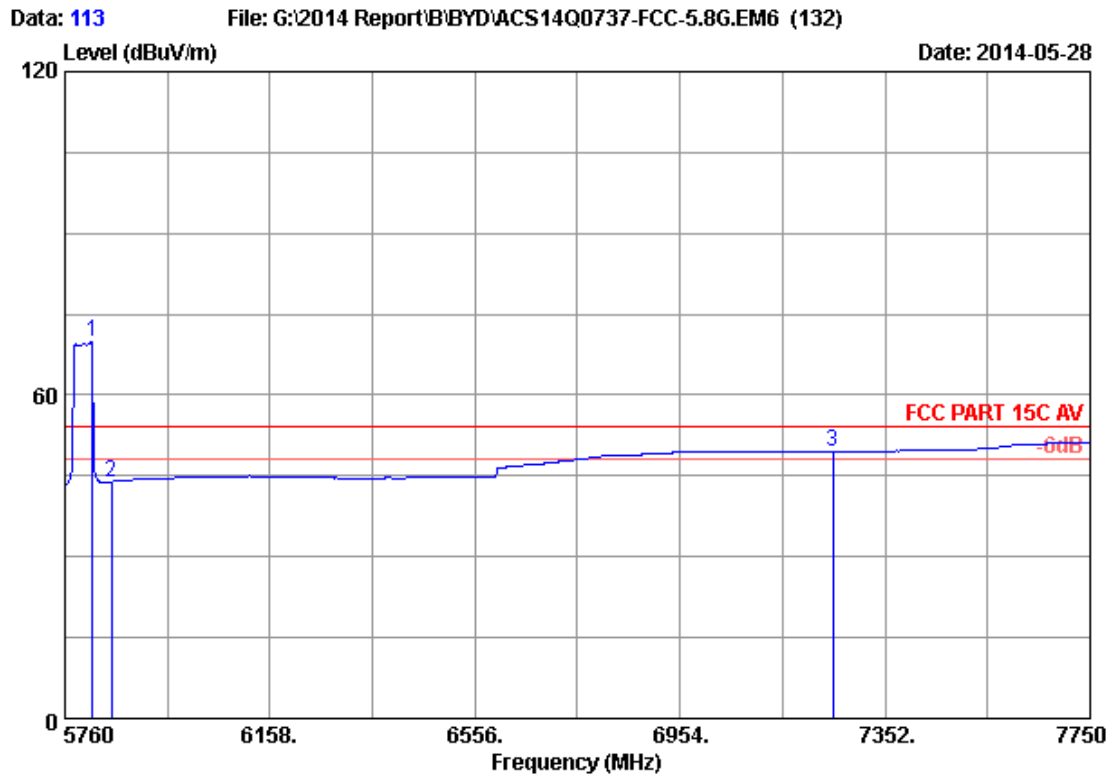
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 112
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH159 5795MHz Tx
 M/N : BEL01

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	5813.730	34.13	9.62	35.70	79.15	87.20	74.00	-13.20	Peak
2	5850.000	34.14	9.66	35.70	47.94	56.04	74.00	17.96	Peak
3	7250.000	36.05	10.99	35.45	49.95	61.54	74.00	12.46	Peak

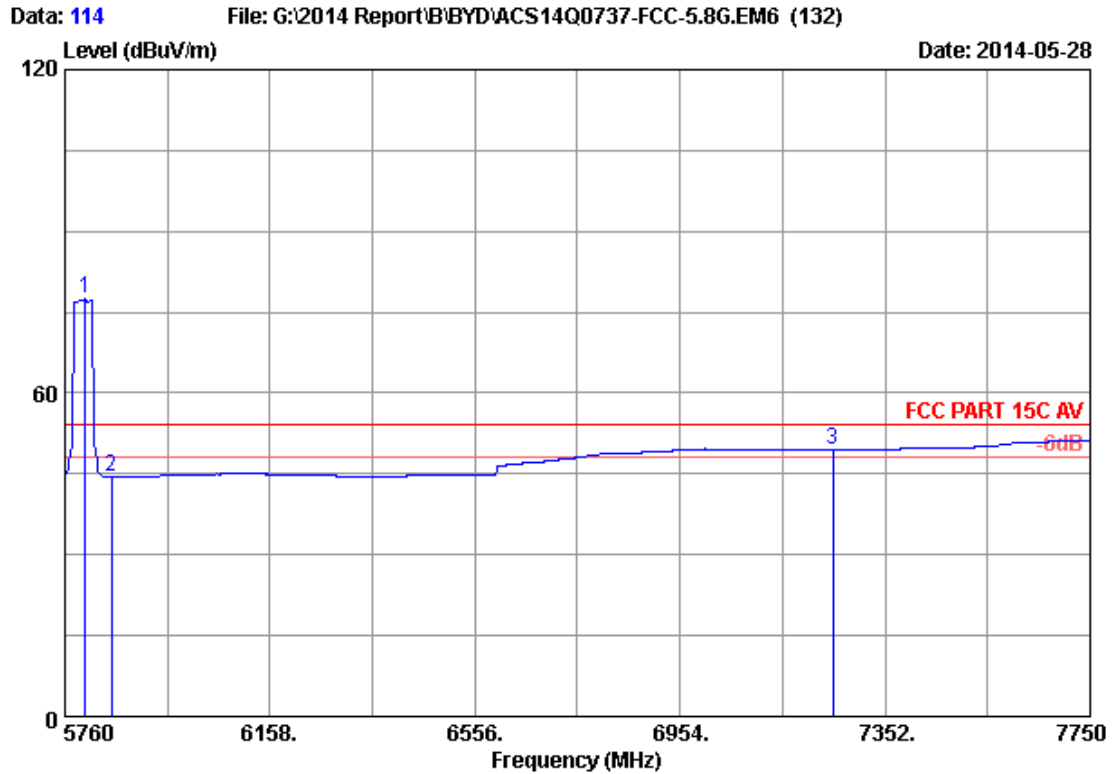
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 113
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH159 5795MHz Tx
 M/N : BEL01

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	5813.730	34.13	9.62	35.70	61.82	69.87	54.00	-15.87	Average
2	5850.000	34.14	9.66	35.70	35.82	43.92	54.00	10.08	Average
3	7250.000	36.05	10.99	35.45	37.91	49.50	54.00	4.50	Average

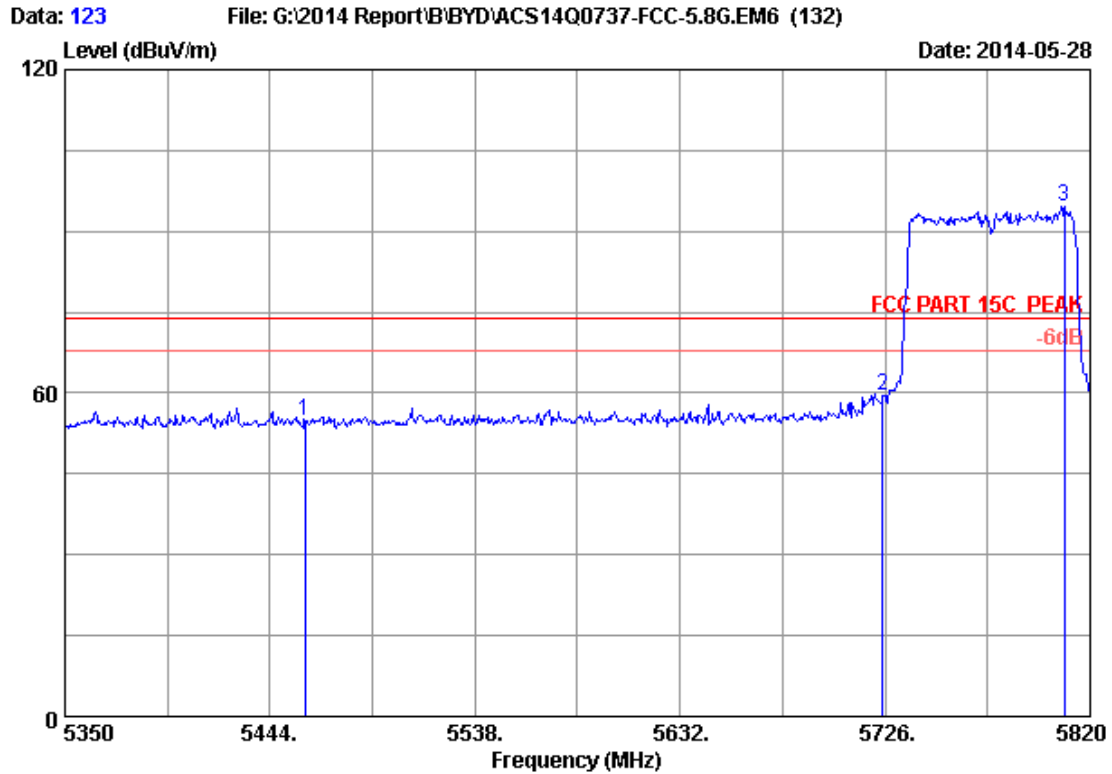
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 114
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT40 CH159 5795MHz Tx
 M/N : BEL01

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	5799.800	34.12	9.60	35.70	69.36	77.38	54.00	-23.38	Average
2	5850.000	34.14	9.66	35.70	36.24	44.34	54.00	9.66	Average
3	7250.000	36.05	10.99	35.45	37.90	49.49	54.00	4.51	Average

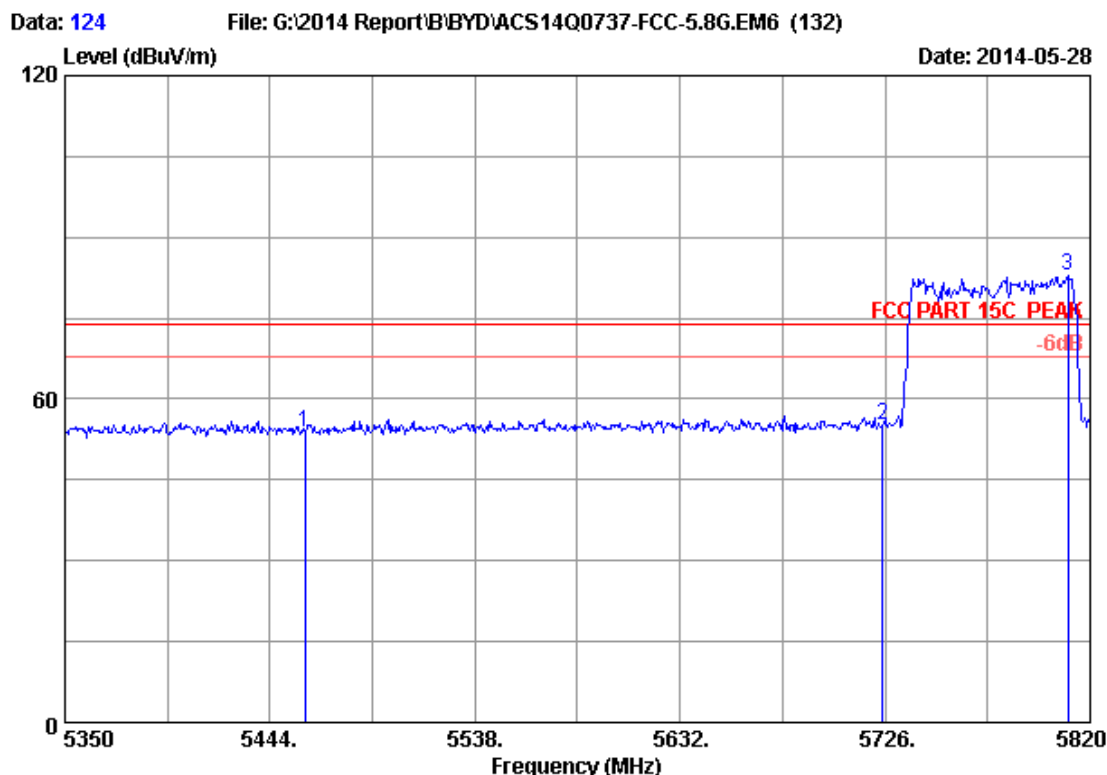
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 123
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	47.23	54.72	74.00	19.28	Peak
2	5725.000	34.09	9.52	35.70	51.65	59.56	74.00	14.44	Peak
3	5808.250	34.12	9.61	35.70	86.68	94.71	74.00	-20.71	Peak

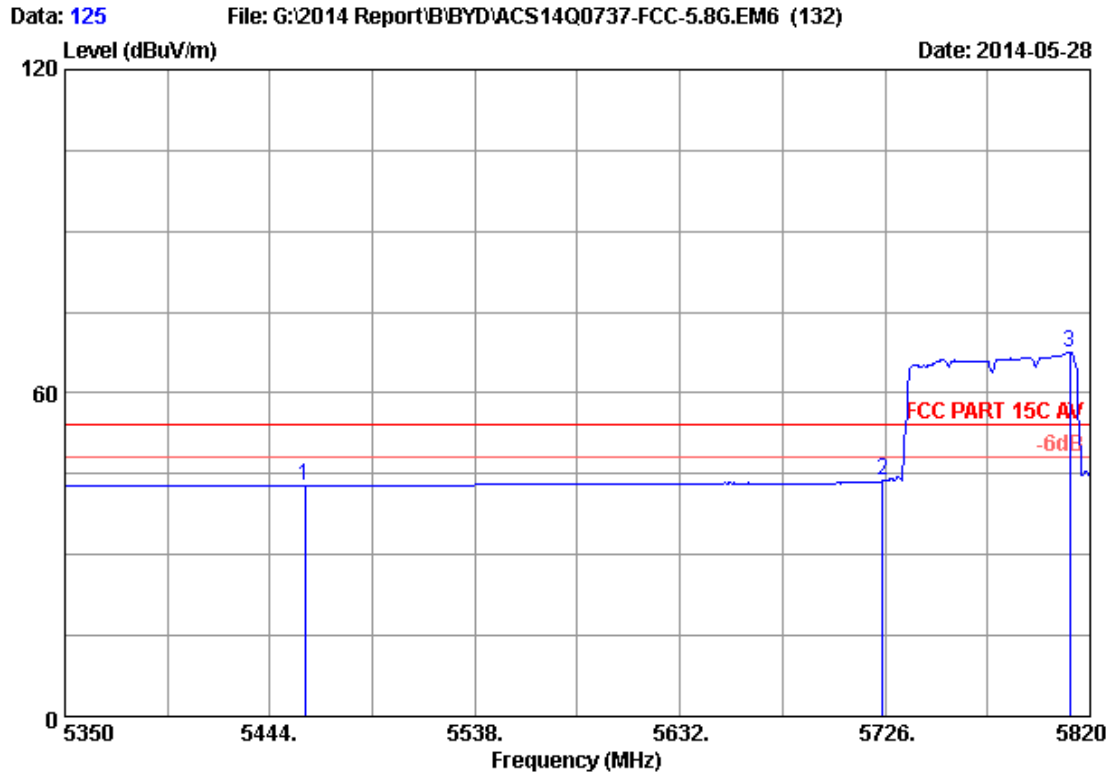
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 124
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	46.44	53.93	74.00	20.07	Peak
2	5725.000	34.09	9.52	35.70	47.34	55.25	74.00	18.75	Peak
3	5809.660	34.12	9.61	35.70	74.94	82.97	74.00	-8.97	Peak

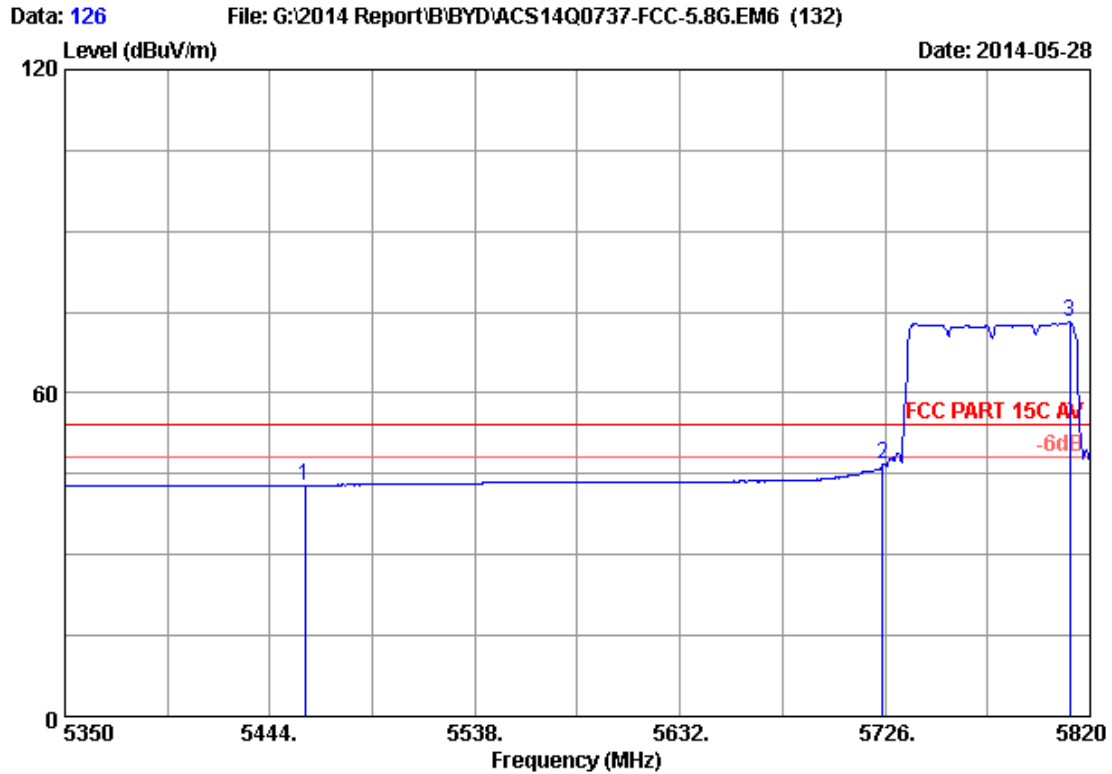
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 125
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	35.16	42.65	54.00	11.35	Average
2	5725.000	34.09	9.52	35.70	35.81	43.72	54.00	10.28	Average
3	5810.600	34.12	9.61	35.70	59.49	67.52	54.00	-13.52	Average

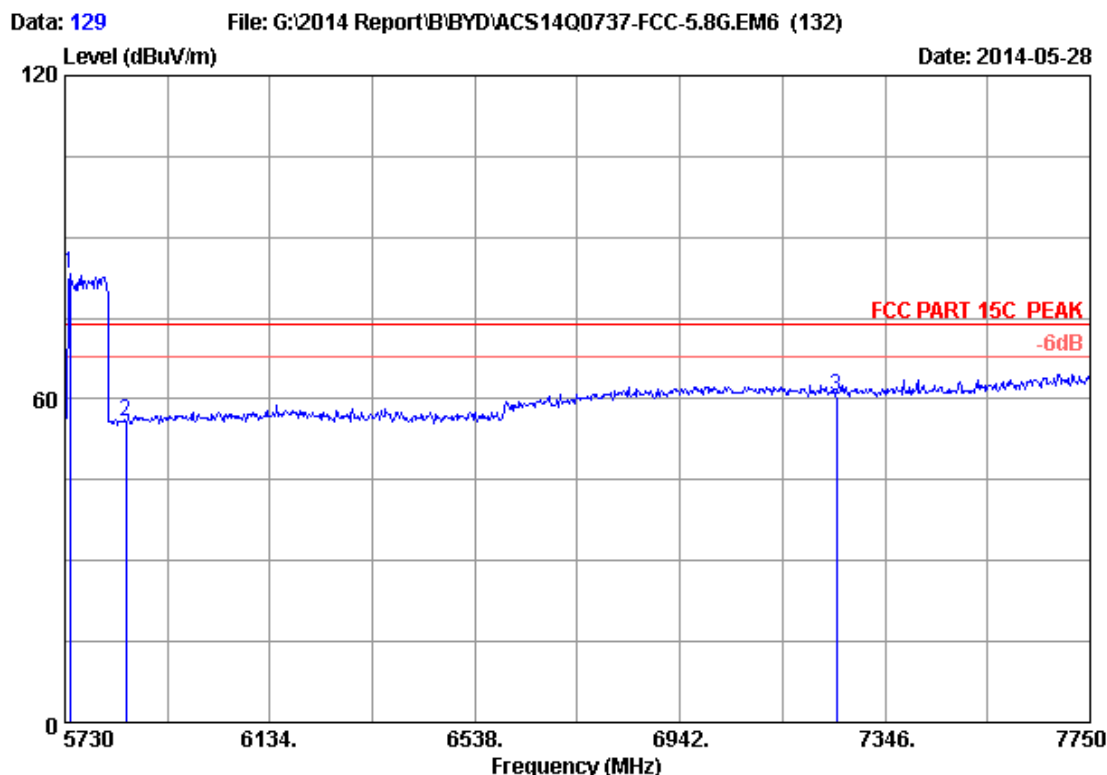
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 126
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : BEL01

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	5460.000	33.94	9.25	35.70	35.38	42.87	54.00	11.13	Average
2	5725.000	34.09	9.52	35.70	38.81	46.72	54.00	7.28	Average
3	5810.600	34.12	9.61	35.70	65.02	73.05	54.00	-19.05	Average

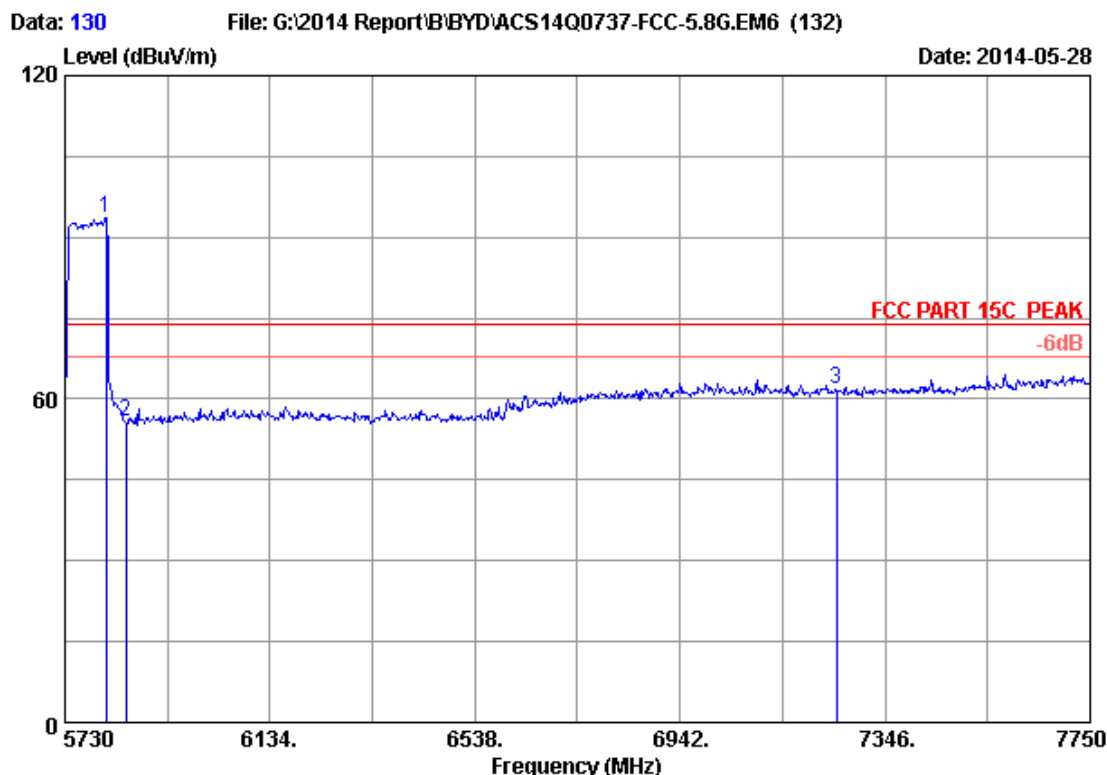
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 129
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : BEL01

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	5740.100	34.10	9.54	35.70	75.20	83.14	74.00	-9.14	Peak
2	5850.000	34.14	9.66	35.70	47.88	55.98	74.00	18.02	Peak
3	7250.000	36.05	10.99	35.45	49.06	60.65	74.00	13.35	Peak

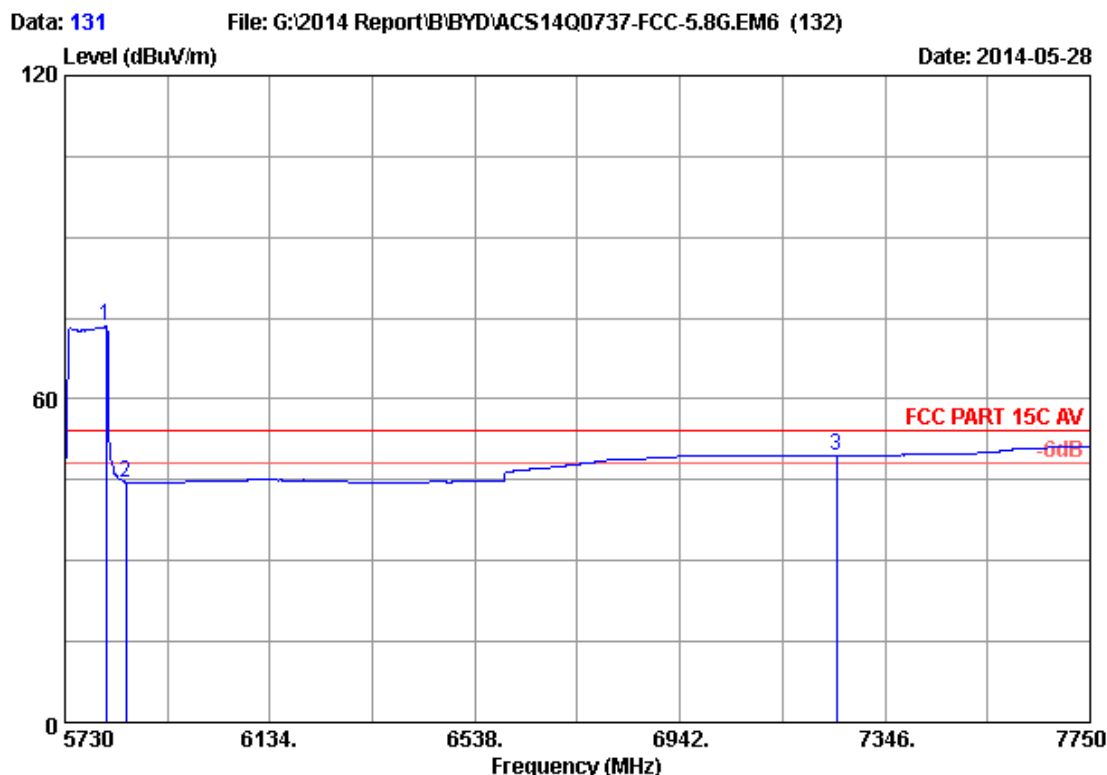
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 130
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : BEL01

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	5810.800	34.12	9.61	35.70	85.60	93.63	74.00	-19.63	Peak
2	5850.000	34.14	9.66	35.70	47.64	55.74	74.00	18.26	Peak
3	7250.000	36.05	10.99	35.45	50.33	61.92	74.00	12.08	Peak

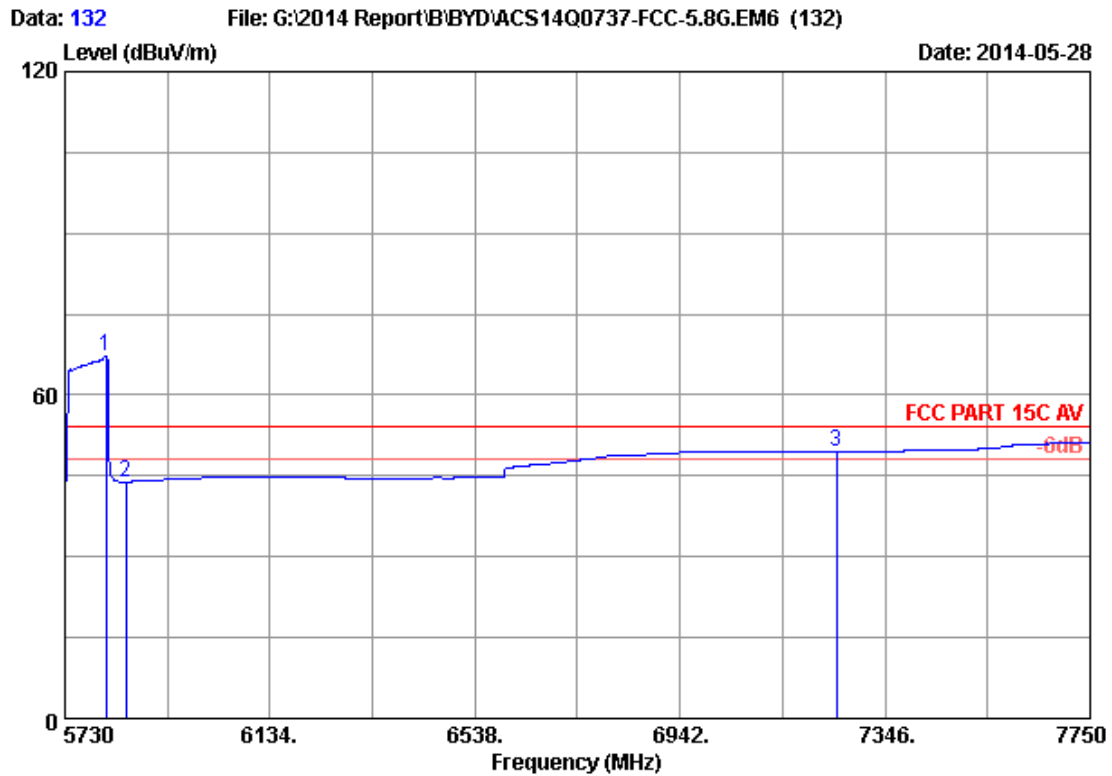
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp Factor
 2. The emission levels that are 20dB below the official
 limit are not reported.



Site no. : 3m Chamber Data no. : 131
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : BEL01

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	5810.800	34.12	9.61	35.70	65.45	73.48	54.00	-19.48	Average
2	5850.000	34.14	9.66	35.70	36.48	44.58	54.00	9.42	Average
3	7250.000	36.05	10.99	35.45	37.89	49.48	54.00	4.52	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. : 132
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 24°C/56% Engineer : Kevin_HMJ
 EUT : Dell Cast Adapter
 Power Rating : DC 5V From PC Input AC 120V/60Hz
 Test Mode : IEEE802.11ac VHT80 CH155 5775MHz Tx
 M/N : BEL01

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	5810.800	34.12	9.61	35.70	59.24	67.27	54.00	-13.27	Average
2	5850.000	34.14	9.66	35.70	35.79	43.89	54.00	10.11	Average
3	7250.000	36.05	10.99	35.45	37.91	49.50	54.00	4.50	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.

7. 6dB Bandwidth Test

7.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.31, 13	1Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr. 28,14	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	Apr. 28,14	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

2.4G:

EUT: Dell Cast Adapter		
M/N:BEL01		
Test date: 2014-05-23	Test date: 2014-05-23	Test date: 2014-05-23
Tested by: Kevin_Hu	Tested by: Kevin_Hu	Tested by: Kevin_Hu

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	CH	6dB bandwidth (MHz)	Limit (KHz)
11b	CH1	8.054	>500
	CH6	7.865	>500
	CH11	7.960	>500
11g	CH1	16.59	>500
	CH6	16.59	>500
	CH11	16.59	>500
11n HT20	CH1	17.84	>500
	CH6	17.80	>500
	CH11	17.83	>500
Conclusion : PASS			

UNII Band 4:

EUT: Dell Cast Adapter		
M/N:BEL01		
Test date: 2014-05-25	Pressure: 101.3±1.0 kpa	Humidity:53.2±3.0%
Tested by: Kevin_Hu	Test site: RF site	Temperature:22.4±0.6 °C

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency (MHz)	6dB bandwidth (MHz)	Limit (KHz)
11a	5745	16.55	>500
	5785	16.55	>500
	5825	16.58	>500
11n HT20	5745	17.69	>500
	5785	17.83	>500
	5825	17.72	>500
11n HT40	5755	36.58	>500
	5795	36.28	>500
11ac VHT20	5745	17.71	>500
	5785	17.84	>500
	5825	17.77	>500
11ac VHT40	5755	36.64	>500
	5795	36.31	>500
11ac VHT80	5775	76.46	>500
Conclusion : PASS			

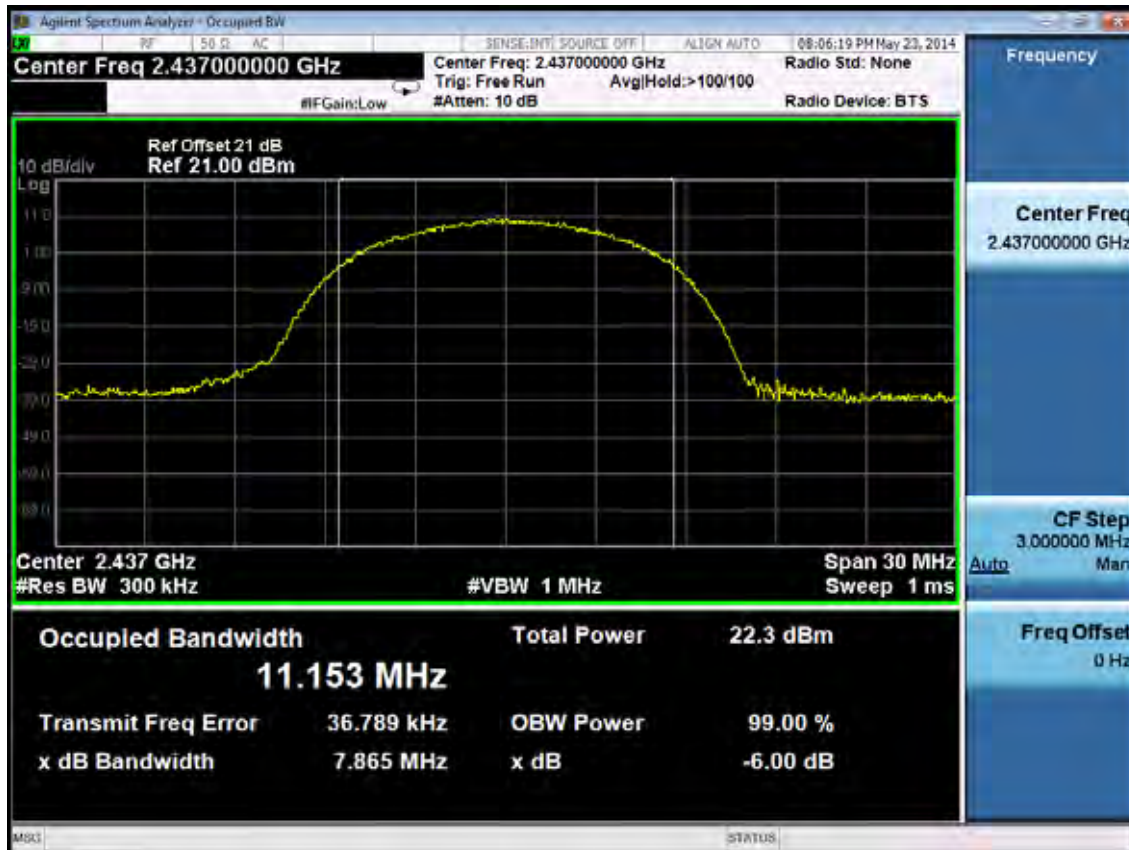
2.4G:

Test Mode: IEEE 802.11b TX

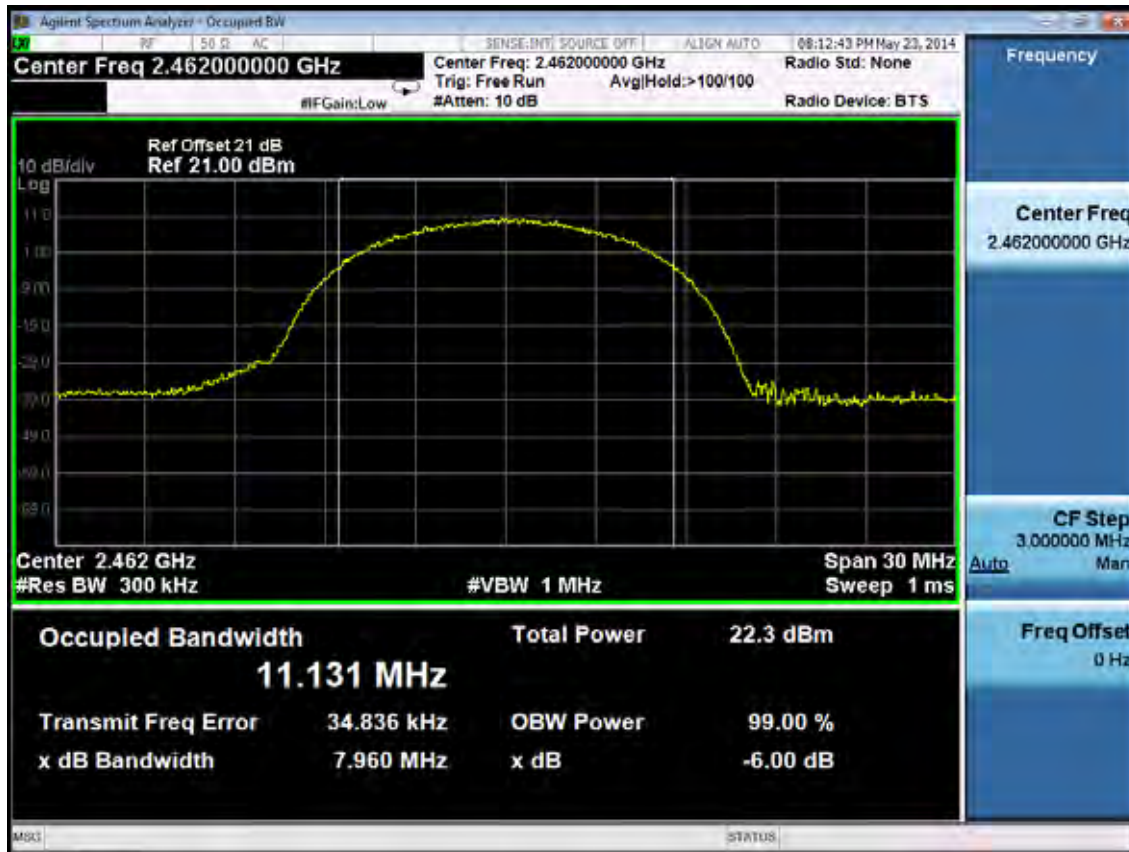
Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz

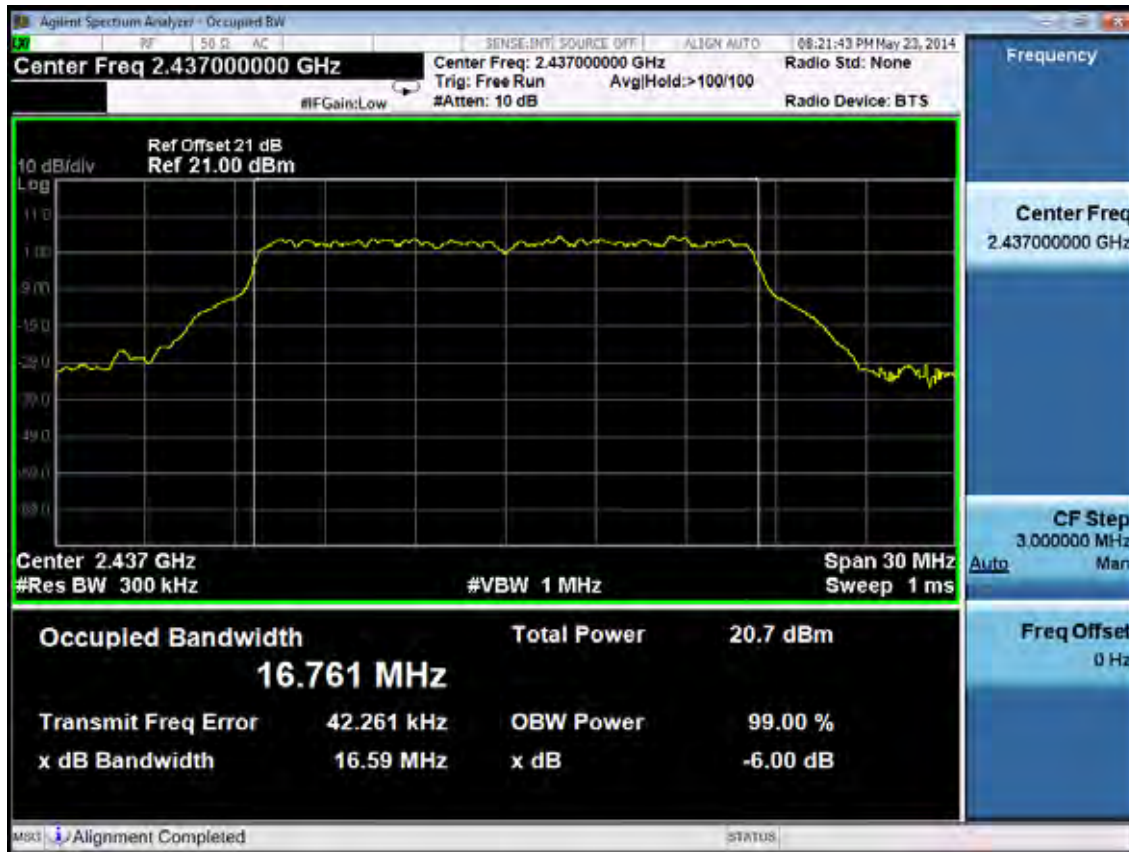


Test Mode: IEEE 802.11g TX

Test CH1: 2412MHz



Test CH6: 2437MHz

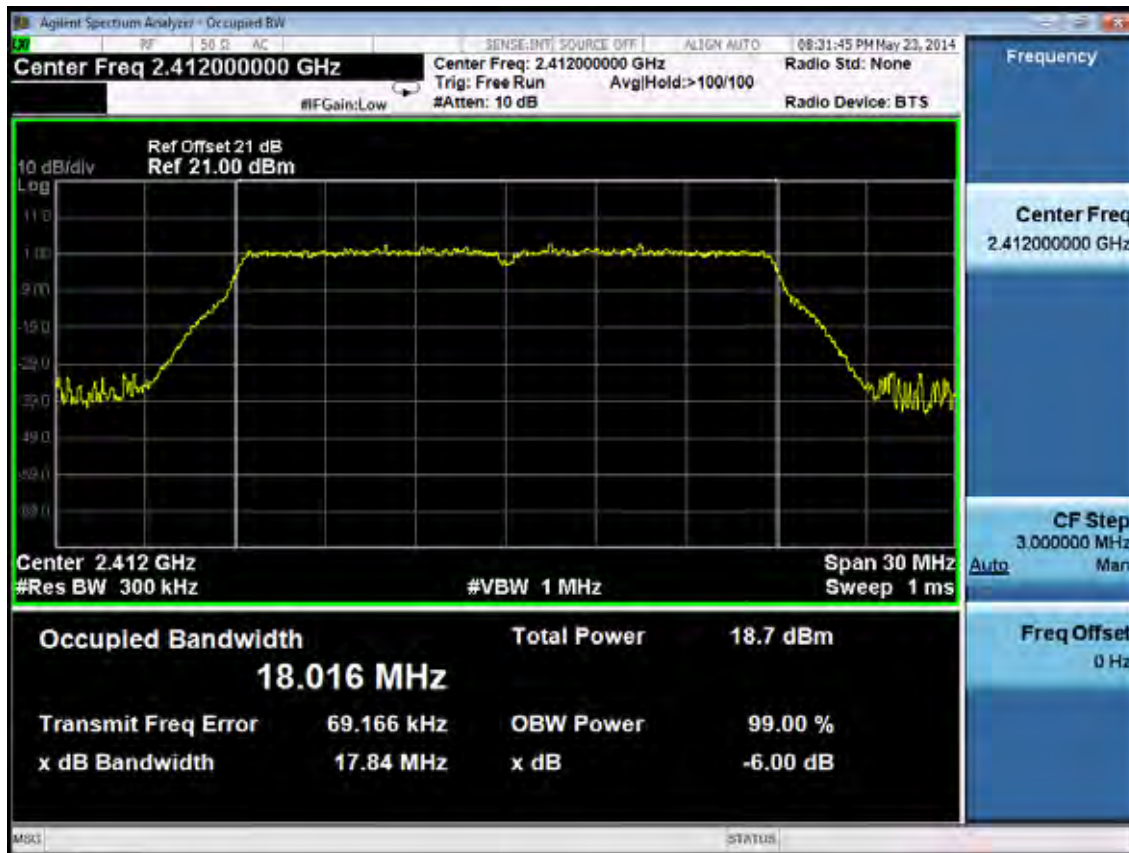


Test CH11: 2462MHz

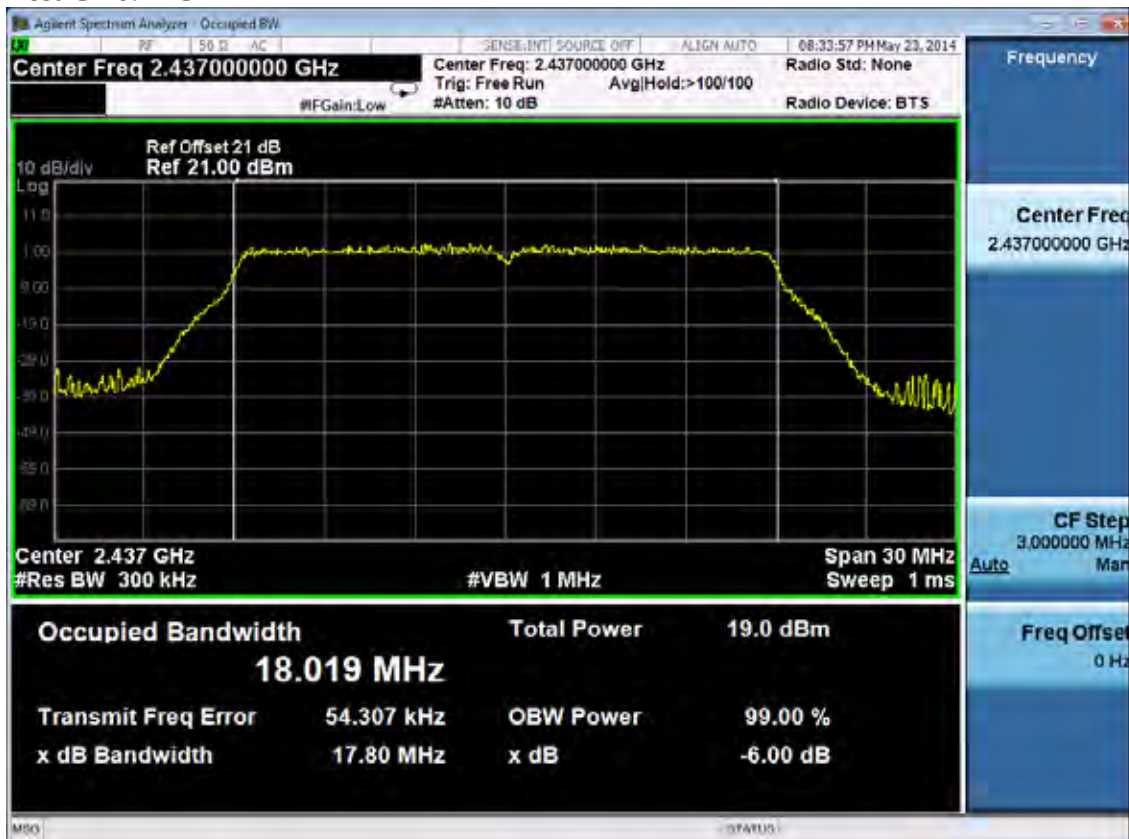


Test Mode: IEEE 802.11n HT20 TX

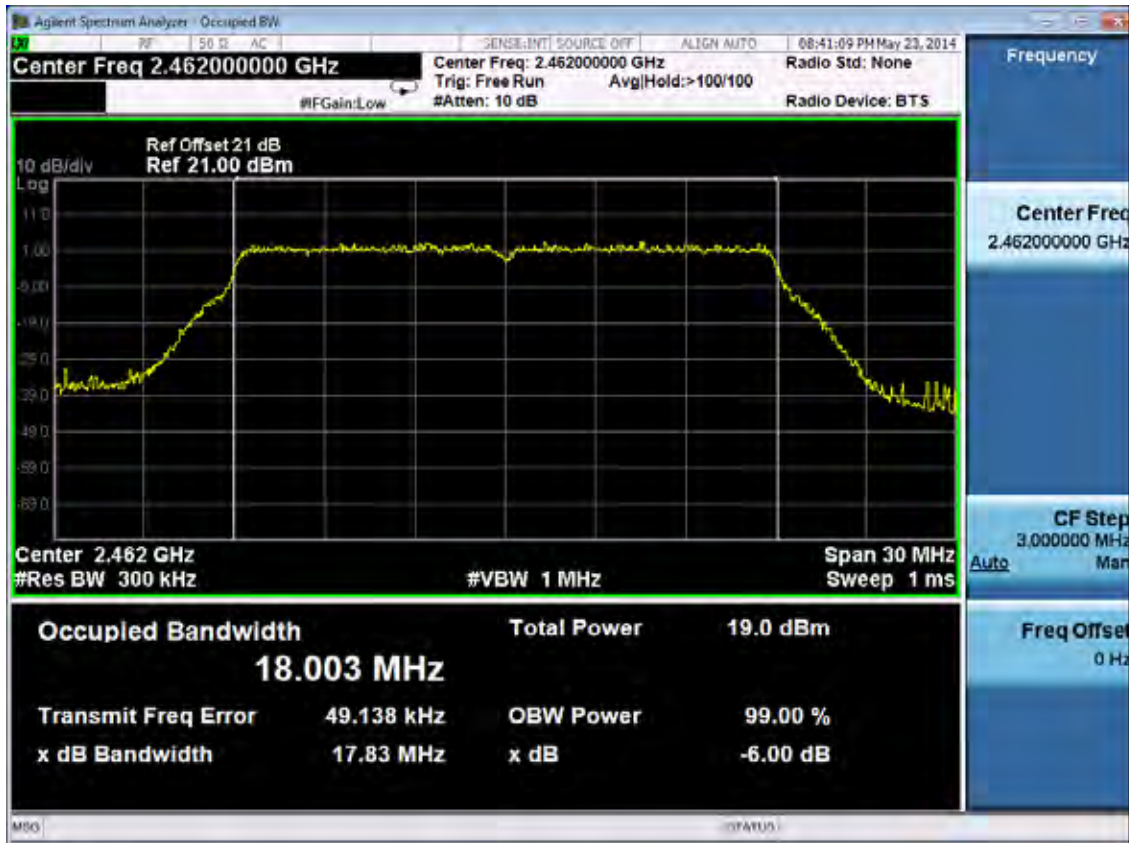
Test CH1: 2412MHz



Test CH6: 2437MHz



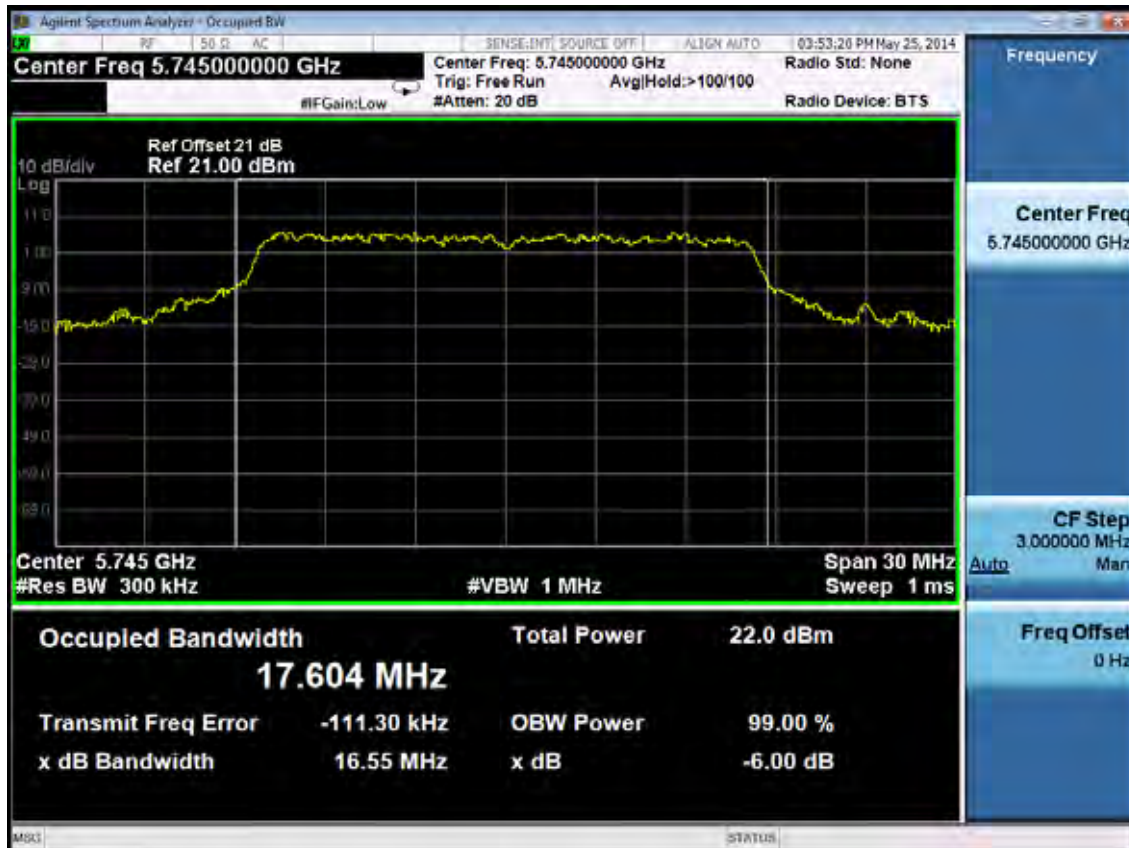
Test CH11: 2462MHz



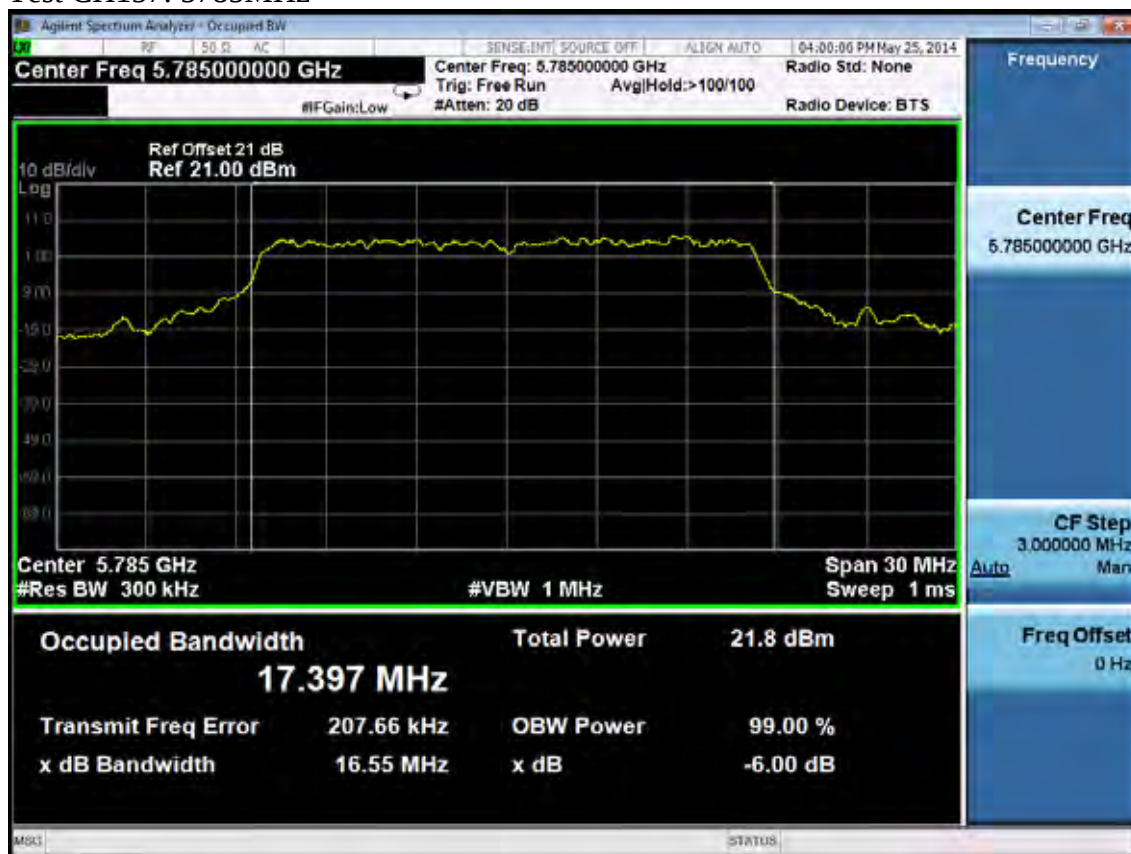
UNII Band 4:

Test Mode: IEEE 802.11a TX

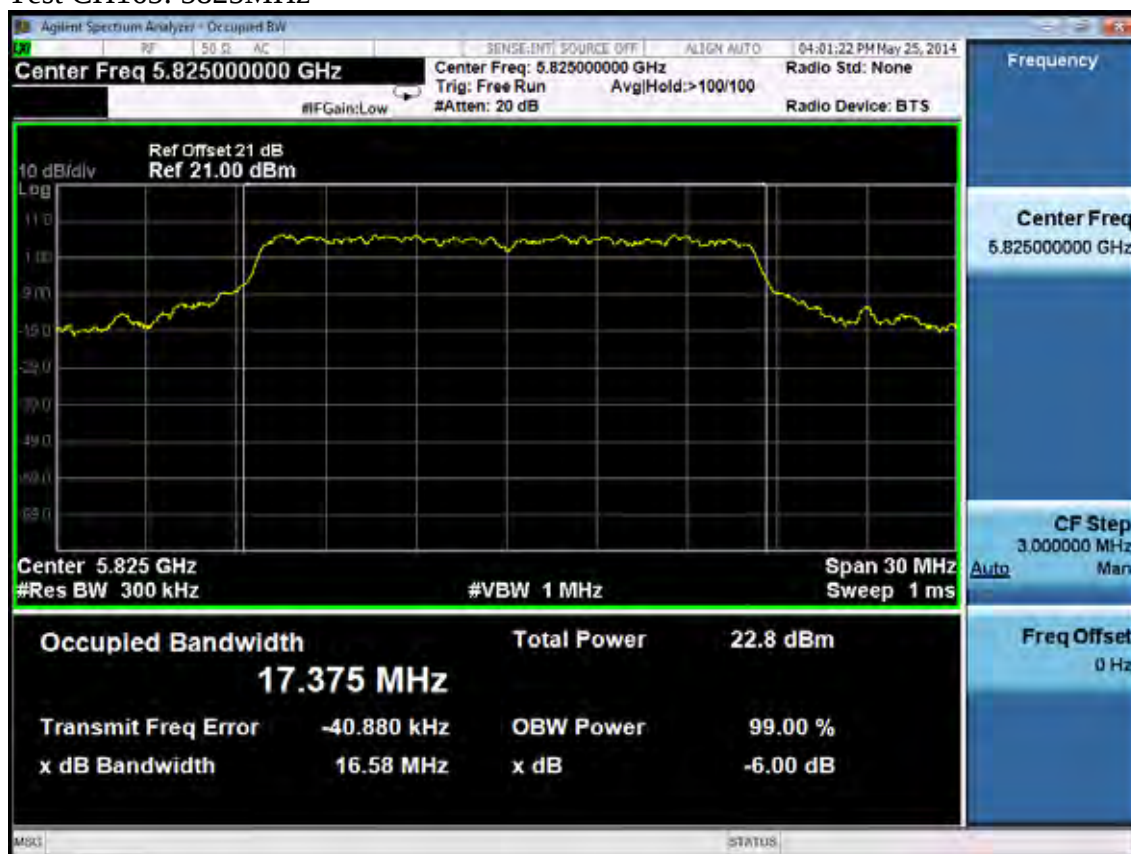
Test CH149: 5745MHz



Test CH157: 5785MHz

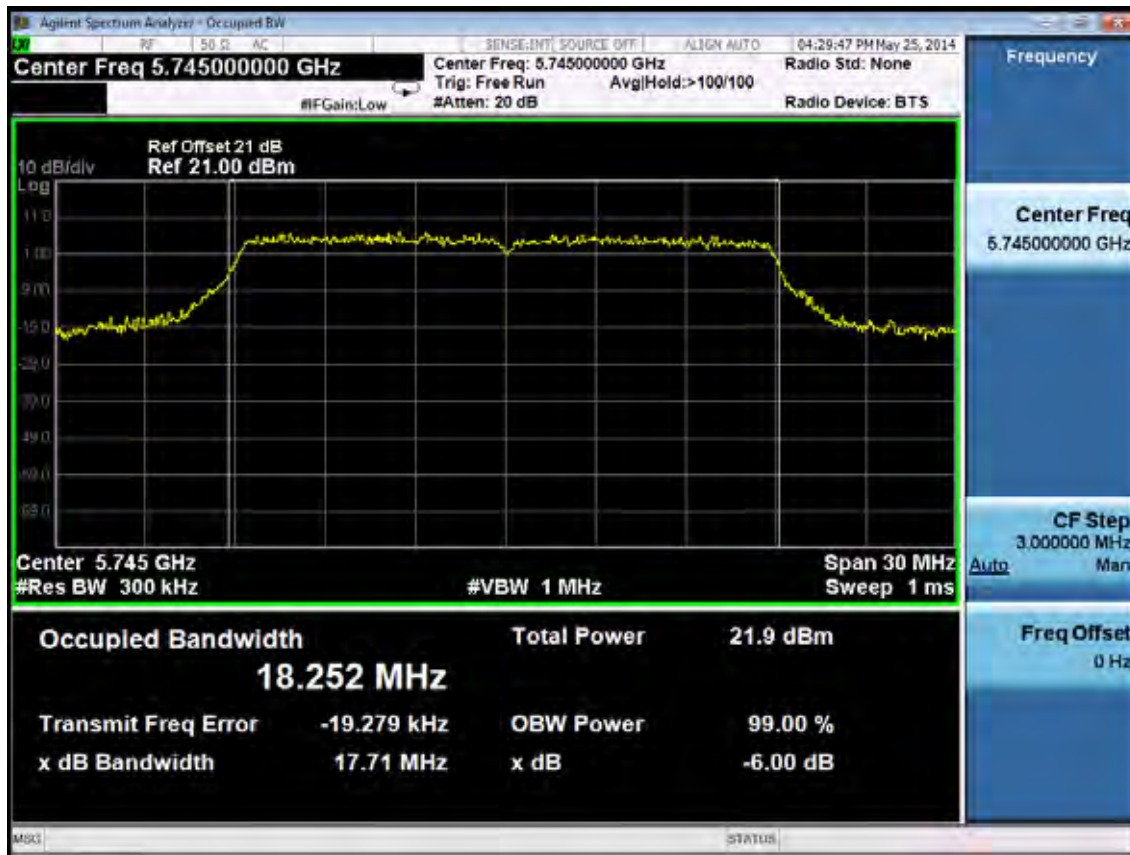


Test CH165: 5825MHz

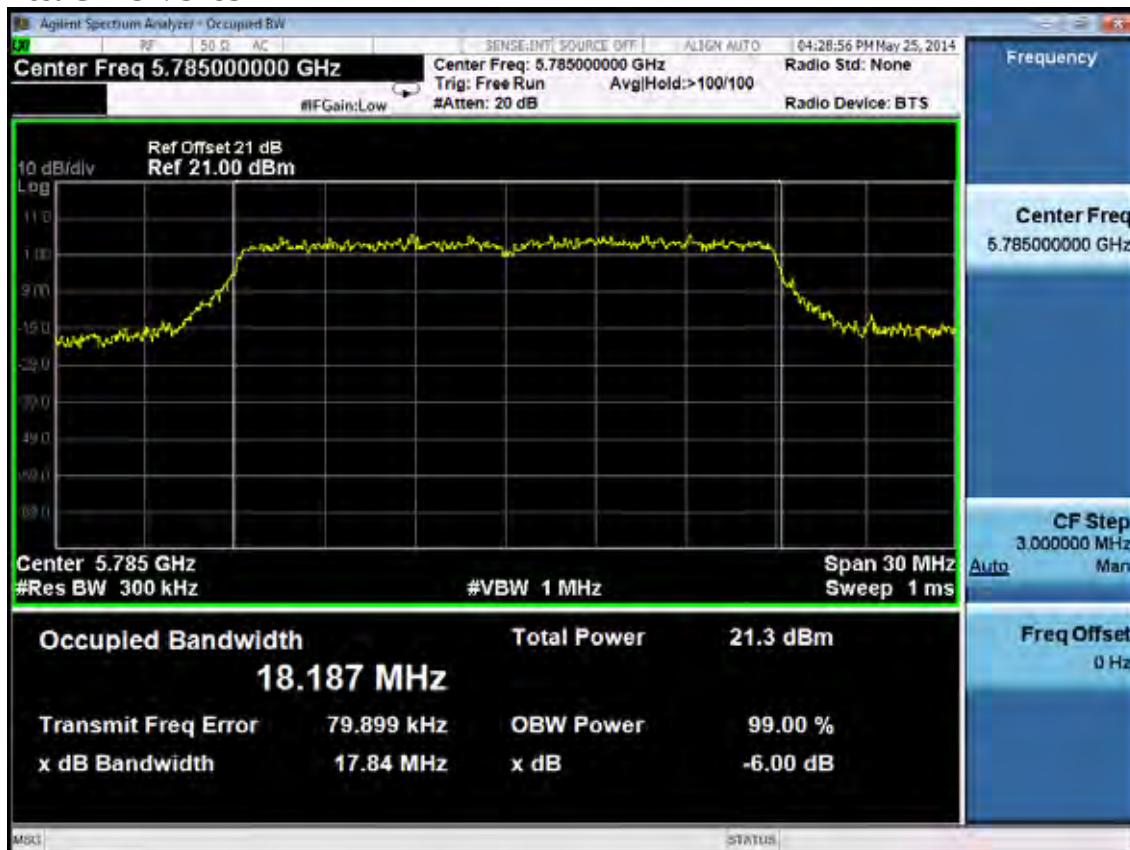


Test Mode: IEEE 802.11ac VHT20 TX

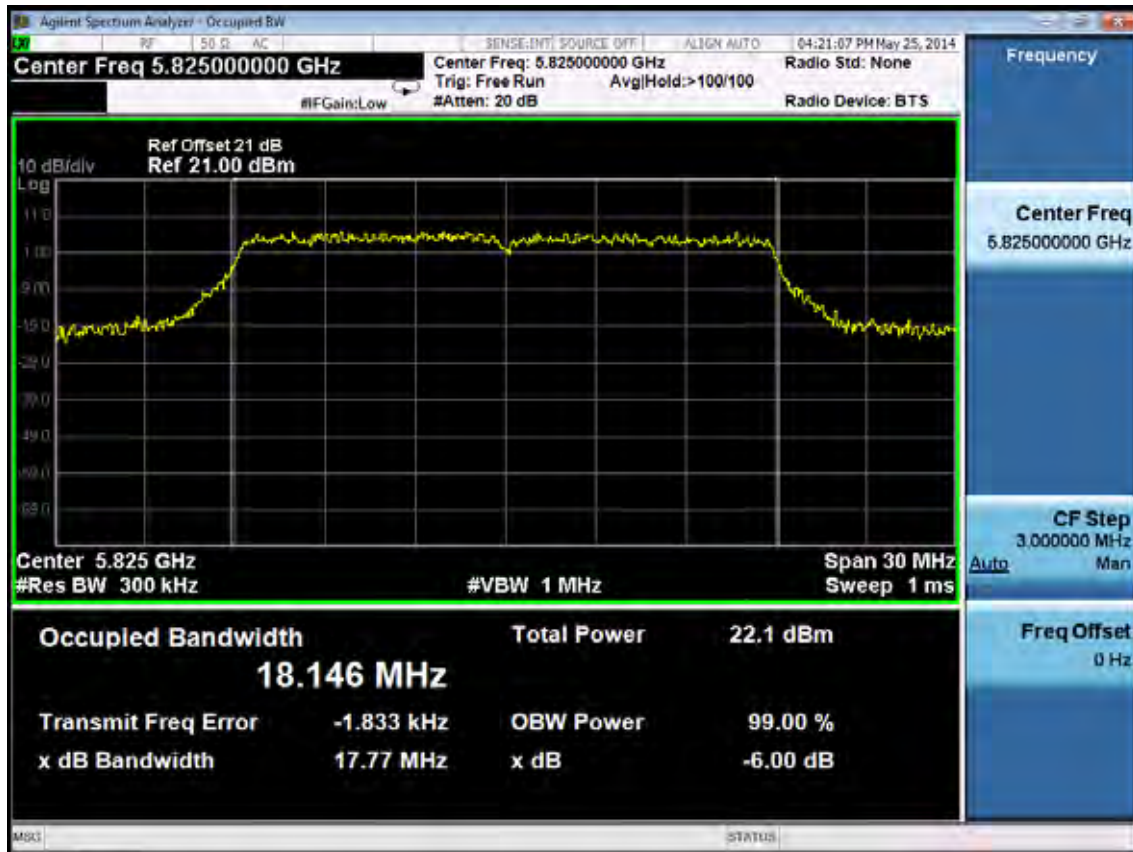
Test CH149: 5745MHz



Test CH157: 5785MHz

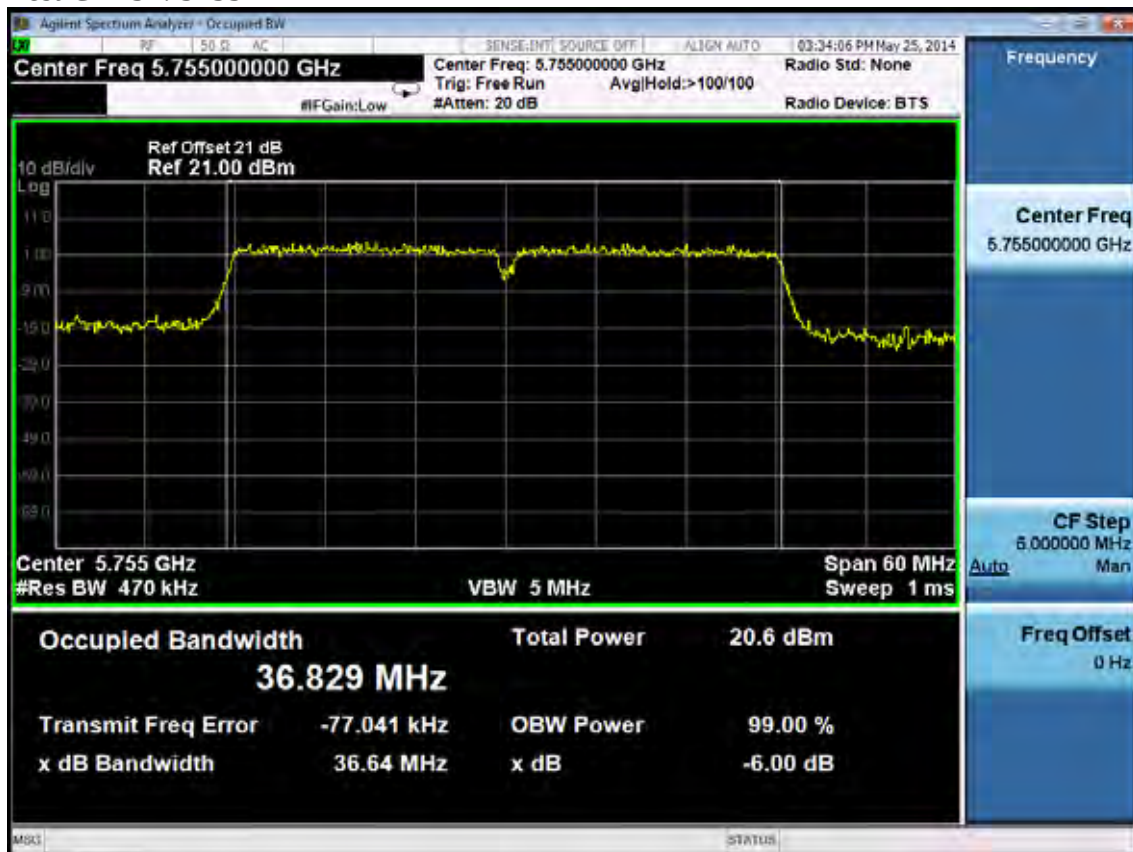


Test CH165: 5825MHz

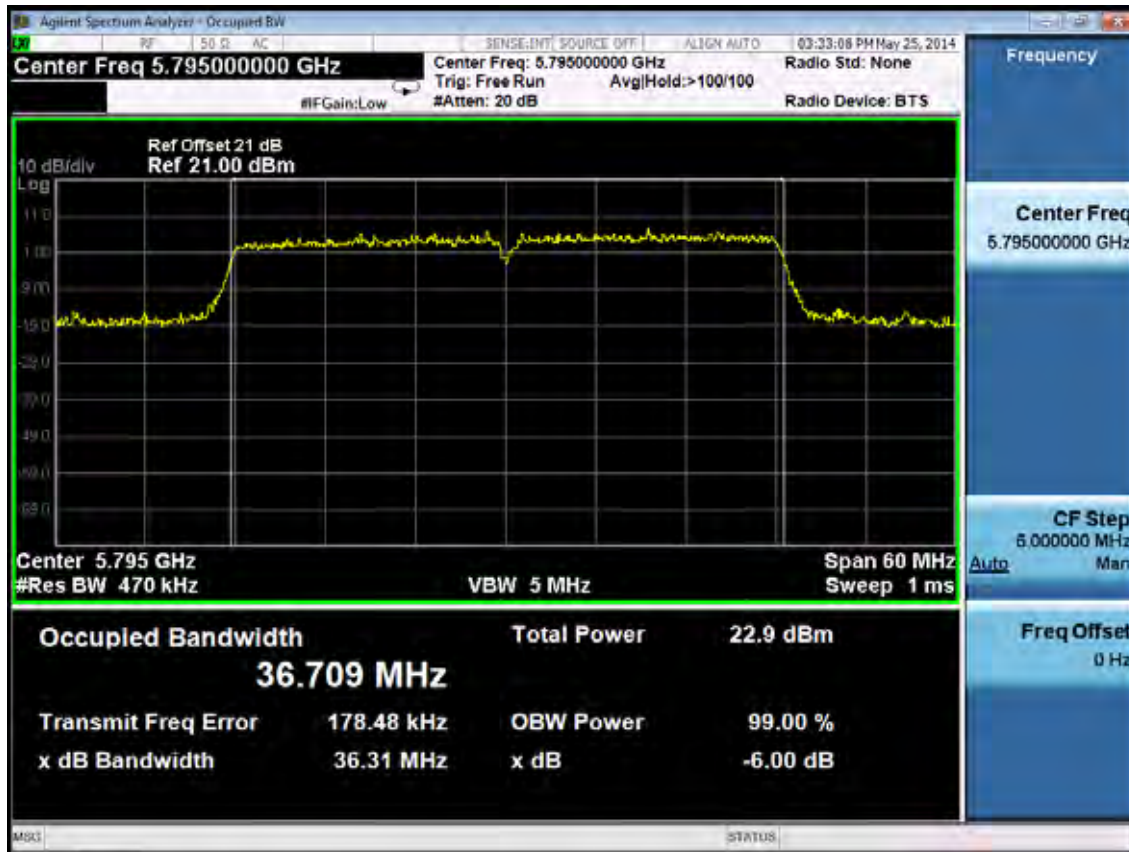


Test Mode: IEEE 802.11ac VHT40 TX

Test CH151: 5755MHz



Test CH159: 5795MHz

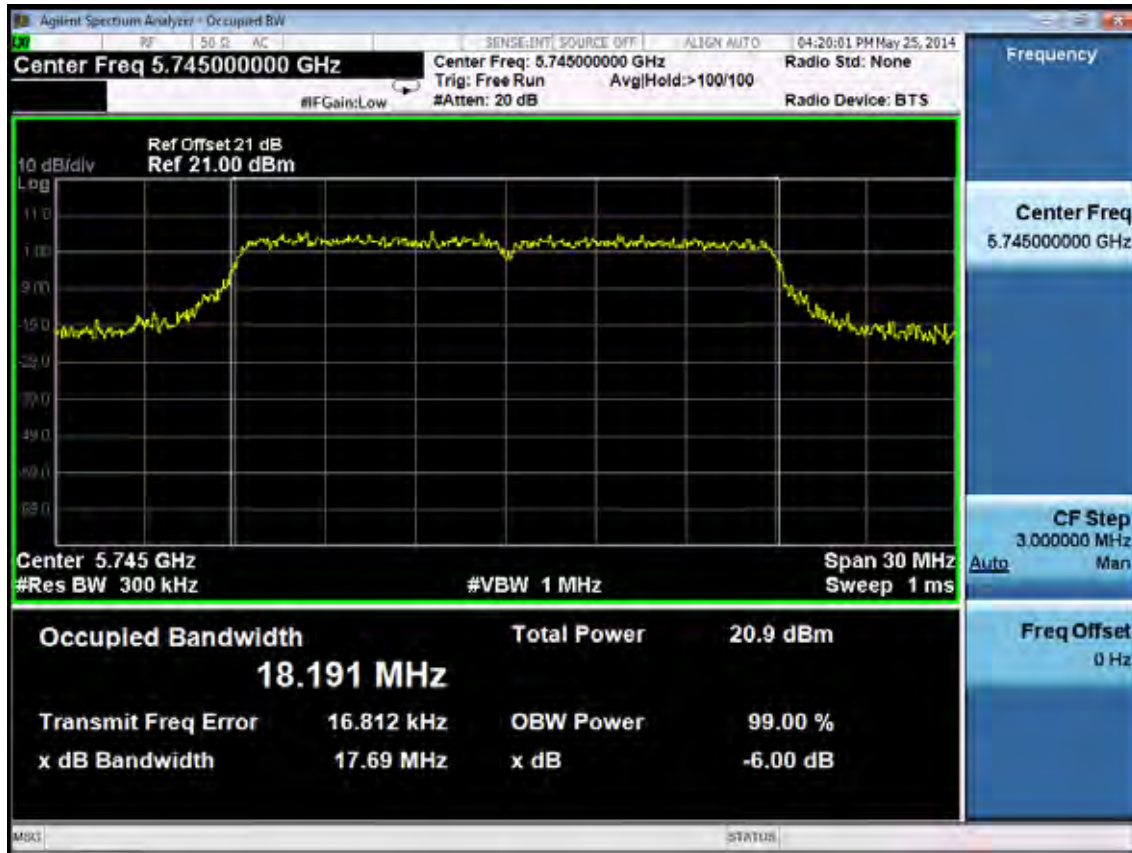


Test Mode: IEEE 802.11ac VHT80 TX

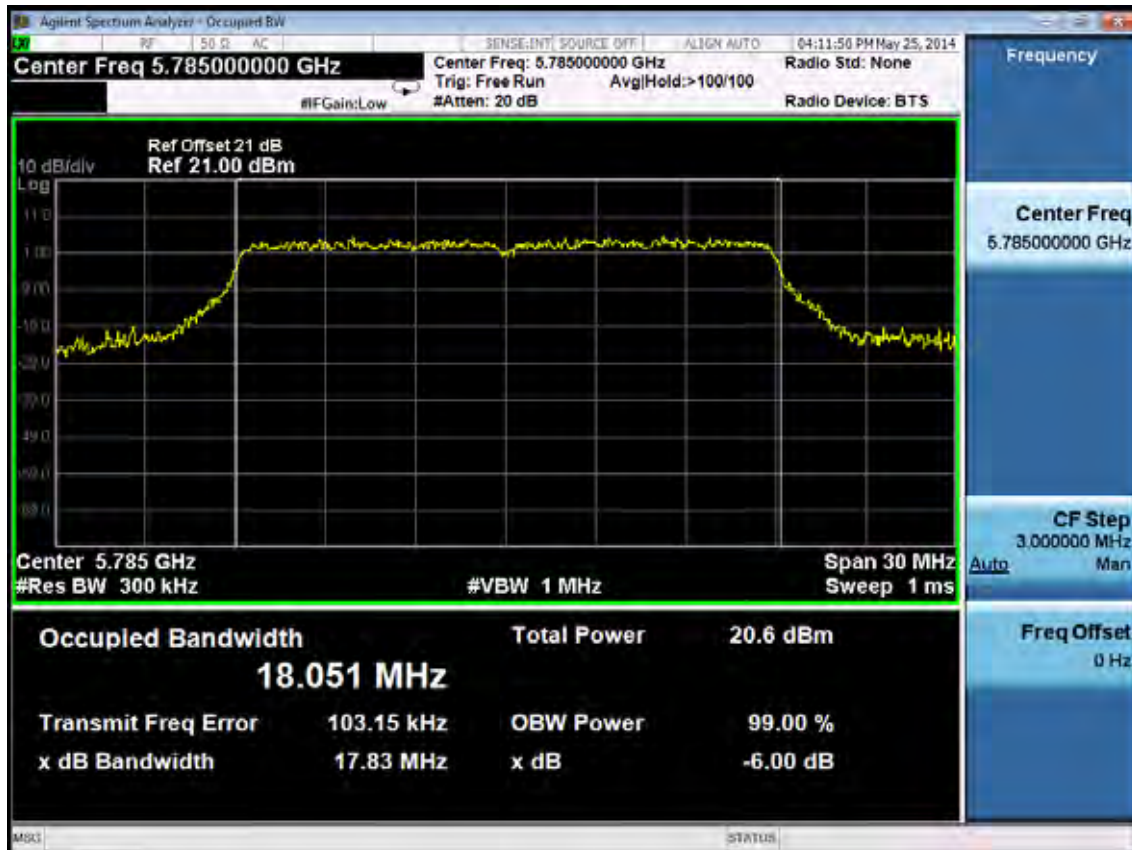
Test CH155: 5775MHz



Test Mode: IEEE 802.11n HT20 TX
Test CH149: 5745MHz



Test CH157: 5785MHz

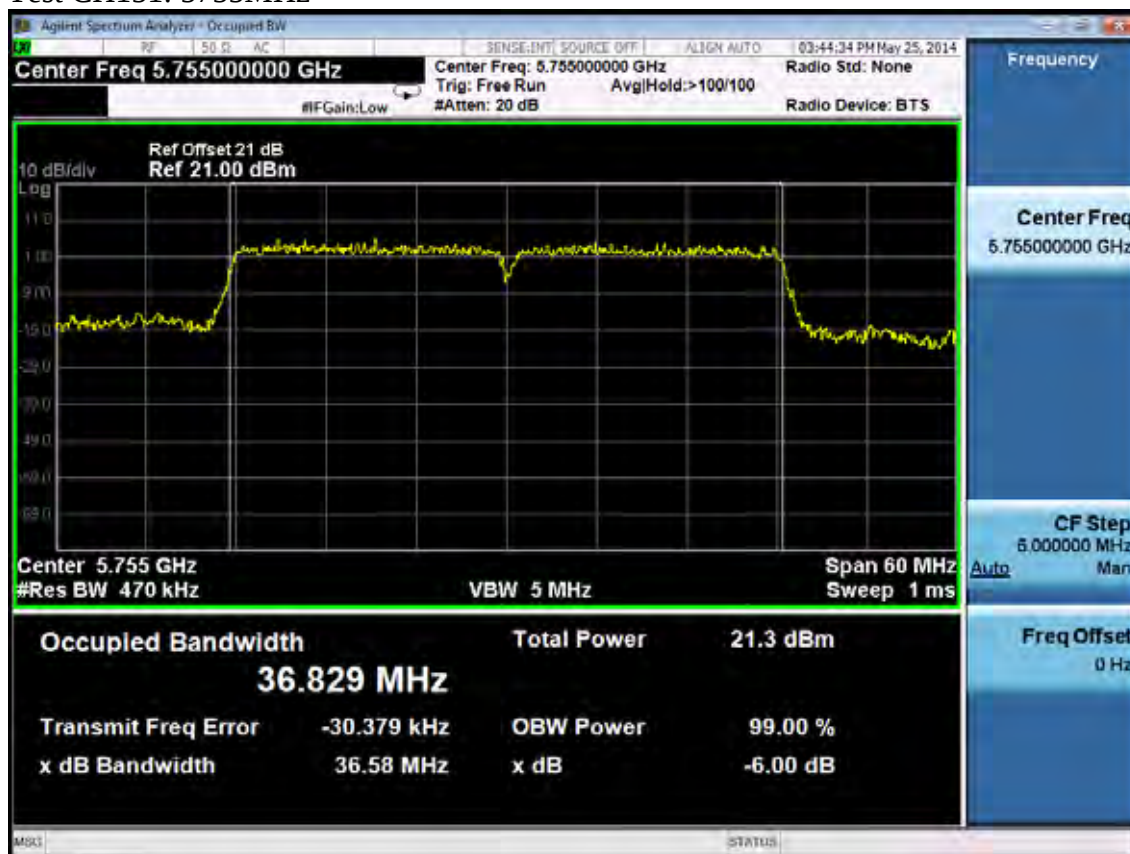


Test CH165: 5825MHz



Test Mode: IEEE 802.11n HT40 TX

Test CH151: 5755MHz



Test CH159: 5795MHz



8. OUTPUT POWER TEST

8.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4446A	US44300459	Apr. 28,14	1 Year
2.	Spectrum	Agilent	N9030A	MY51380221	Oct.31, 13	1Year
3.	Power meter	Anritsu	ML2487A	6K00002472	Apr. 28,14	1Year
4.	Power sensor	Anritsu	MA2491A	0033005	Apr. 28,14	1Year
5.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr. 28,14	1 Year
6	RF Cable	Hubersuhner	SUCOFLEX102	28610/2	Apr. 28,14	1 Year

8.2. Limit (FCC Part 15C 15.247 b(3))

For systems using digital modulation in the 2400—2483.5MHz, 5725-5850MHz, The Peak out put Power shall not exceed 1W(30dBm)

8.3. Test Procedure

- 1, Connected the EUT's antenna port to measure device by 26dB attenuator.
- 2, For IEEE 802.11b/g and IEEE802.11n HT20 mode, use a PK power meter which's bandwidth is 20MHz and above 26dB bandwidth of signal to measure out each test modes' PK output power.
- 3, For IEEE802.11n HT40 mode, because the signal's bandwidth is about 40MHz and above 20MHz bandwidth of power sensor ML2491A. So use the test method described in KDB558074 clause 9.1.2.
 - 1) Set the RBW=1MHz and VBW =3MHz
 - 2) Set the span to a value that is 5-30% greater than EBW
 - 3) Detector = peak
 - 4) Sweep time = auto couple
 - 5) Trace Mode = max hold
 - 6) allow trace to fully stabilize
 - 7) use the spectrum analyser's integrated band power measurement function with band limits set equal to the EBW band edges.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude offset.

8.4.Test Results

2.4G:

EUT: Dell Cast Adapter			
M/N:BEL01			
Test date: 2014-05-23		Pressure: 101.2±1.0 kpa	Humidity: 51.4±3.0%
Tested by: Kevin_Hu		Test site: RF site	Temperature:22.9±0.6 °C
Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	CH	Peak output Power (dBm)	Limit (dBm)
11b	CH1	20.54	30
	CH6	21.20	30
	CH11	21.05	30
11g	CH1	21.47	30
	CH6	21.81	30
	CH11	22.17	30
11n HT20	CH1	19.32	30
	CH6	19.76	30
	CH11	20.03	30
Conclusion: PASS			

UNII Band 4:

EUT:Dell Cast Adapter			
M/N:BEL01			
Test date:2014-05-25		Pressure: 101.2±1.0 kpa	Humidity: 52.3±3.0%
Tested by: Kevin_Hu		Test site: RF site	Temperature:22.5±0.6 °C
Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency (MHz)	Peak Output Power (dBm)	Limit (dBm)
11a	5745	22.88	30
	5785	22.74	30
	5825	22.86	30
11n HT20	5745	22.49	30
	5785	22.53	30
	5825	22.12	30
11n HT40	5755	22.39	30
	5795	22.19	30
11ac VHT20	5745	22.05	30
	5785	22.43	30
	5825	22.42	30
11ac VHT40	5755	21.41	30
	5795	22.51	30
11ac VHT80	5775	22.43	30
Conclusion: PASS			

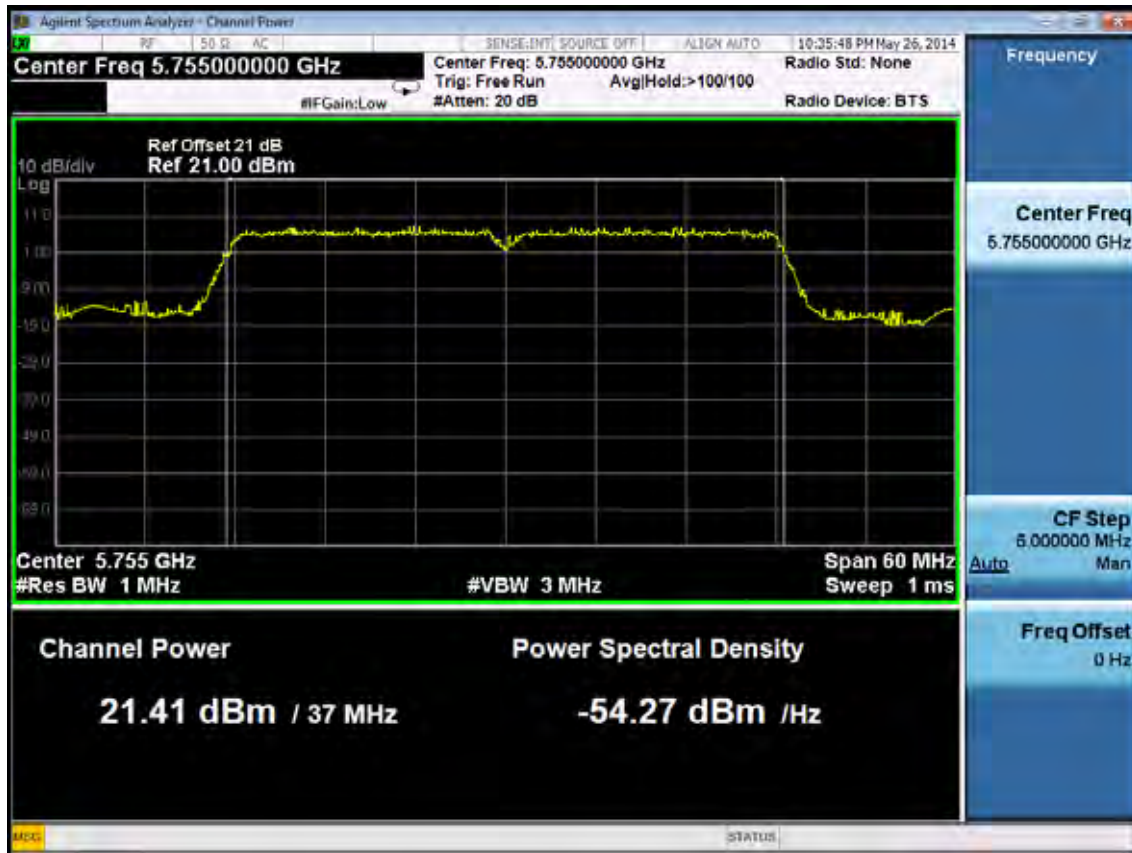
UNII Band 4:

11n HT40

5755MHz



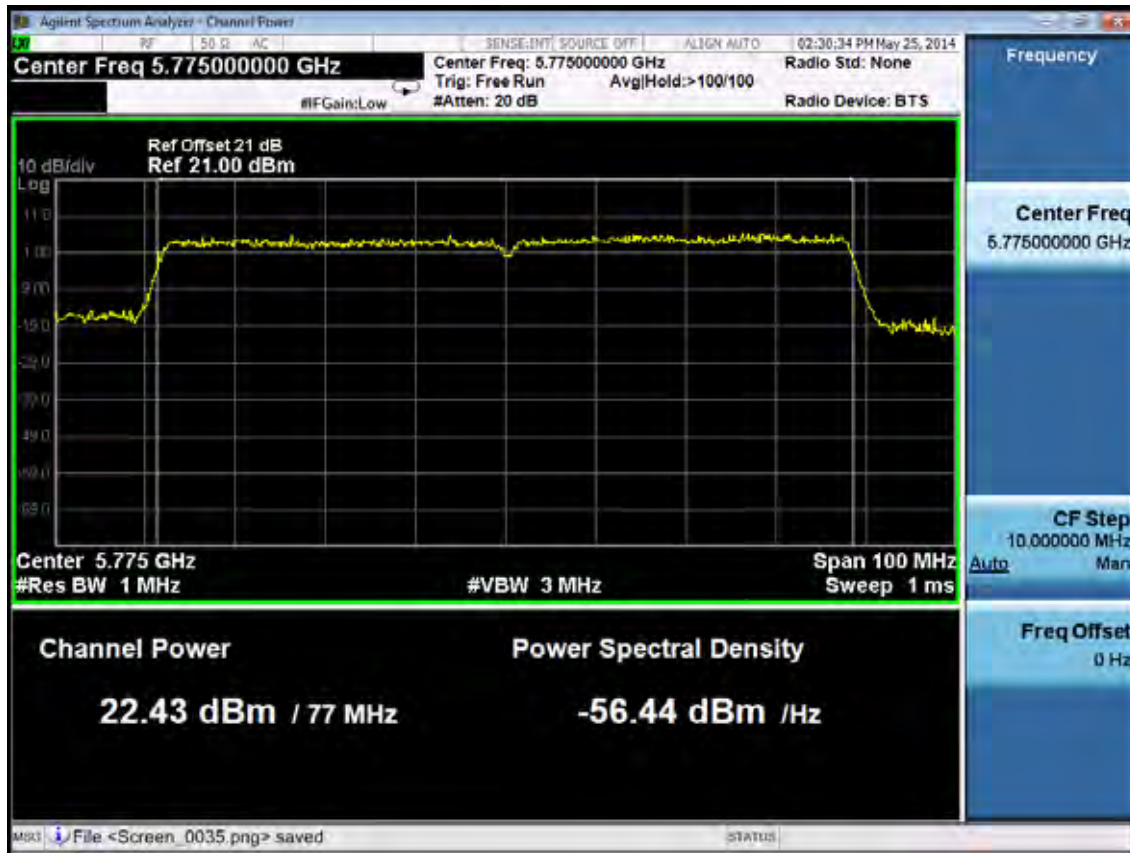
11ac VHT40
5755MHz



5795MHz



11ac VHT80
5775MHz



9. POWER SPECTRAL DENSITY TEST

9.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	N9030A	MY51380221	Oct.31, 13	1Year
2.	Attenuator (20dB)	Agilent	8491B	MY39262165	Apr. 28,14	1 Year
3	RF Cable	Hubersuhner	SUCOFLEX102	28610/2	Apr. 28,14	1 Year

9.2. Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band during any time interval of continuous transmission.

9.3. Test Procedure

1. Connected the EUT's antenna port to spectrum analyzer device by 20dB attenuator.
2. Set the test frequency as center frequency, Set RBW=3KHz, VBW=10KHz, Span large enough capture the entire frequency, Read out maximum peak level frequency
3. Set the frequency read from produce 2 as center frequency, then set the span= 300KHz, Sweep time=Span/RBW, Then Max hold, read out each mode and each ANT's Power density.

Note: The cable loss and attenuator loss were offset into measure device as an amplitude

9.4.Test Results

2.4G:

EUT: Dell Cast Adapter		
M/N:BEL01		
Test date: 2014-05-23	Pressure: 101.4±1.0 kpa	Humidity:51.8±3.0%
Tested by:Kevin_Hu	Test site: RF Site	Temperature:21.6±0.6℃

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	CH	Power density (dBm/3KHz)	Limit (dBm/3KHz)
11b	CH1	-7.190	8
	CH6	-6.969	8
	CH11	-7.070	8
11g	CH1	-12.081	8
	CH6	-11.750	8
	CH11	-11.330	8
11n Mode			
11n HT20	CH1	-14.652	8
	CH6	-14.995	8
	CH11	-14.444	8
Conclusion : PASS			

UNII Band 4:

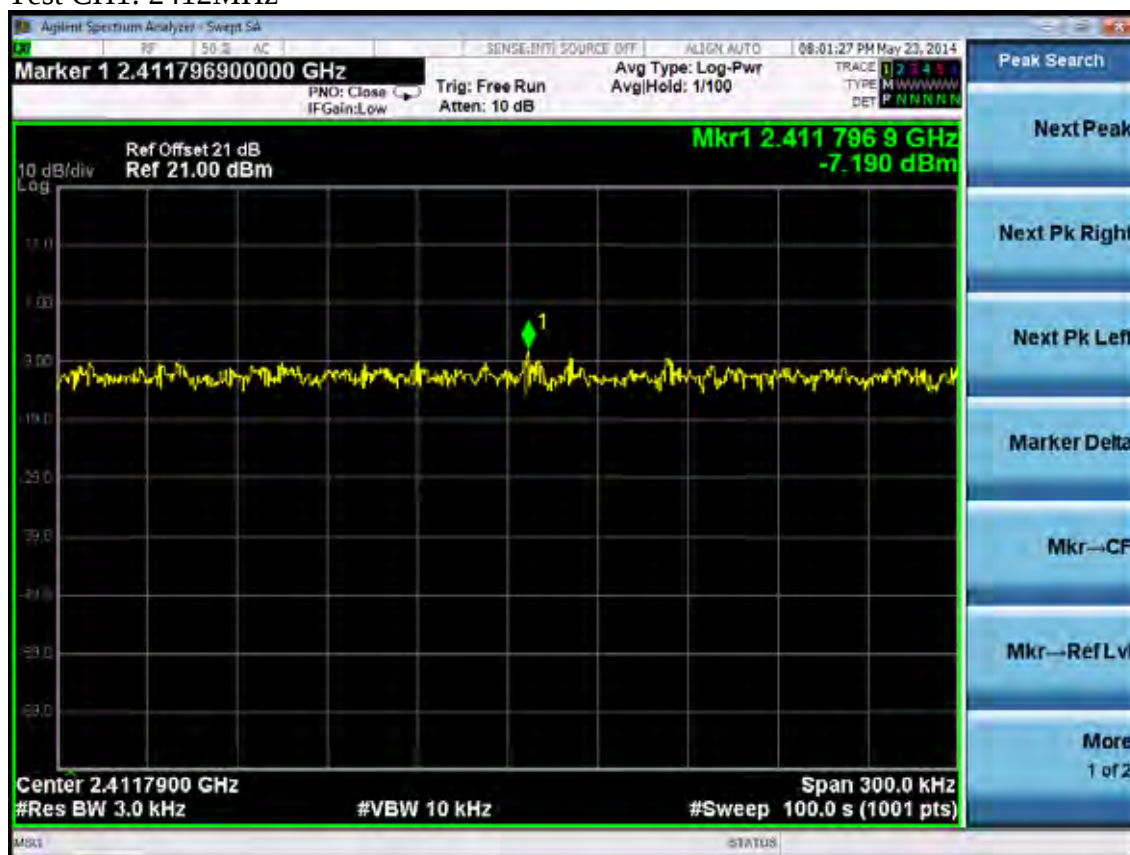
EUT: Dell Cast Adapter		
M/N:BEL01		
Test date: 2014-05-25	Pressure: 101.1±1.0 kpa	Humidity:52.2±3.0%
Tested by:Kevin_Hu	Test site: RF site	Temperature:22.7±0.6 °C

Cable loss: 1 dB		Attenuator loss: 20 dB	
Test Mode	Frequency (MHz)	Power Density (dBm/3KHz)	Limit (dBm/3KHz)
11a	5745	-14.887	8
	5785	-16.185	8
	5825	-15.250	8
11n HT20	5745	-22.107	8
	5785	-19.145	8
	5825	-22.052	8
11n HT40	5755	-20.199	8
	5795	-20.723	8
11ac VHT20	5745	-19.899	8
	5785	-19.119	8
	5825	-22.027	8
11ac VHT40	5755	-19.933	8
	5795	-19.353	8
11ac VHT80	5775	-22.896	8
Conclusion: PASS			

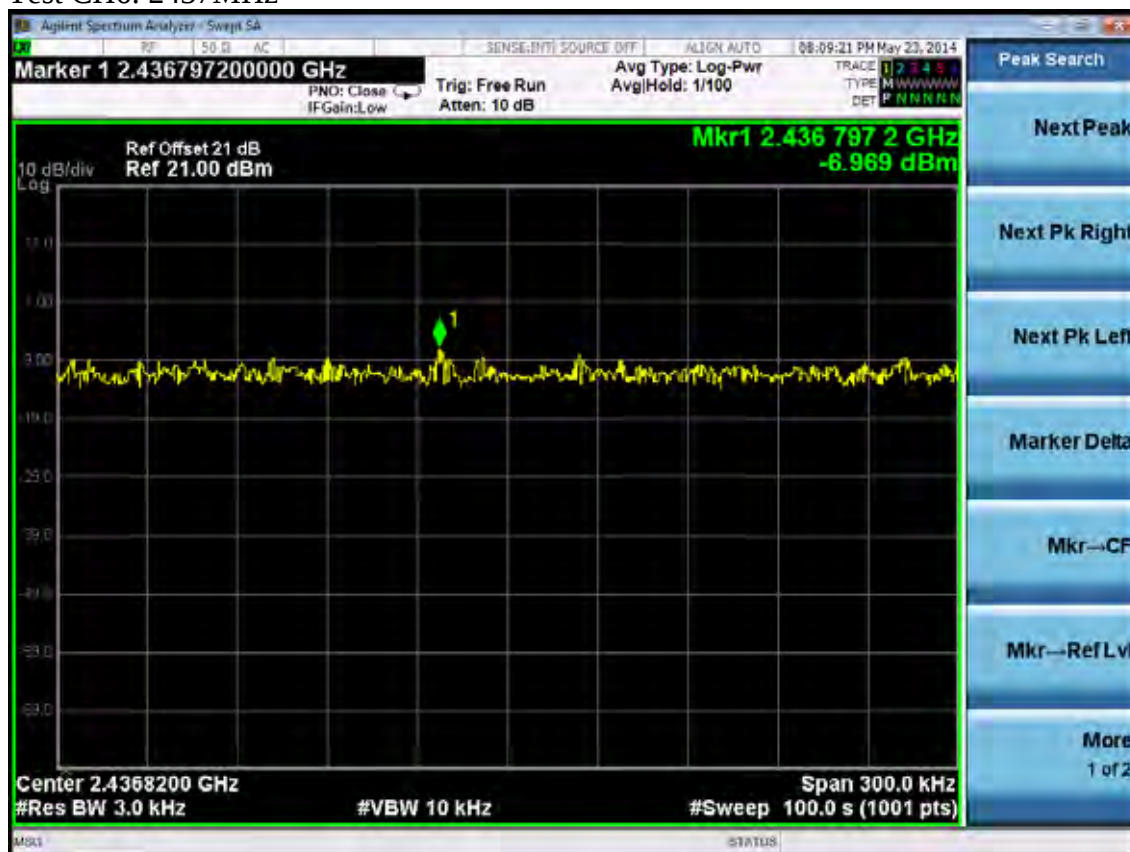
2.4G:

Test Mode: IEEE 802.11b TX

Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz

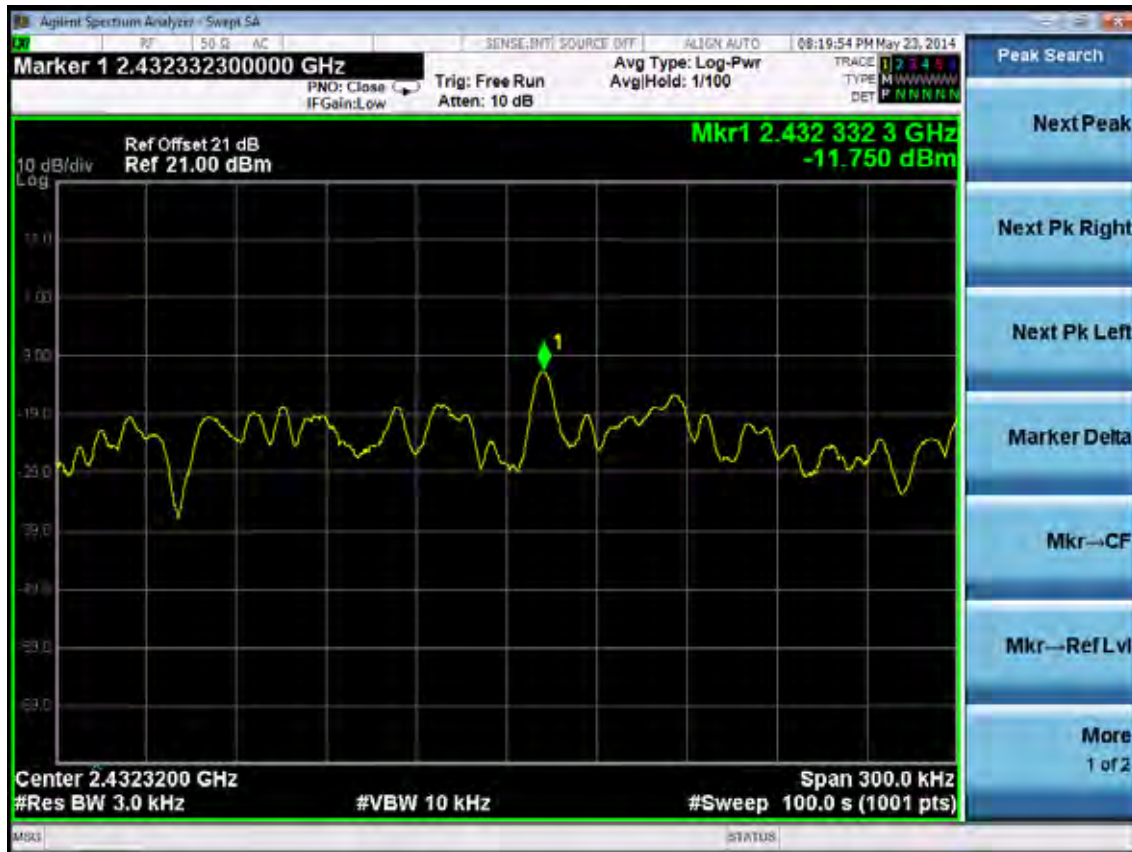


Test Mode: IEEE 802.11g TX

Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz



Test Mode: IEEE 802.11n HT20 TX

Test CH1: 2412MHz



Test CH6: 2437MHz



Test CH11: 2462MHz



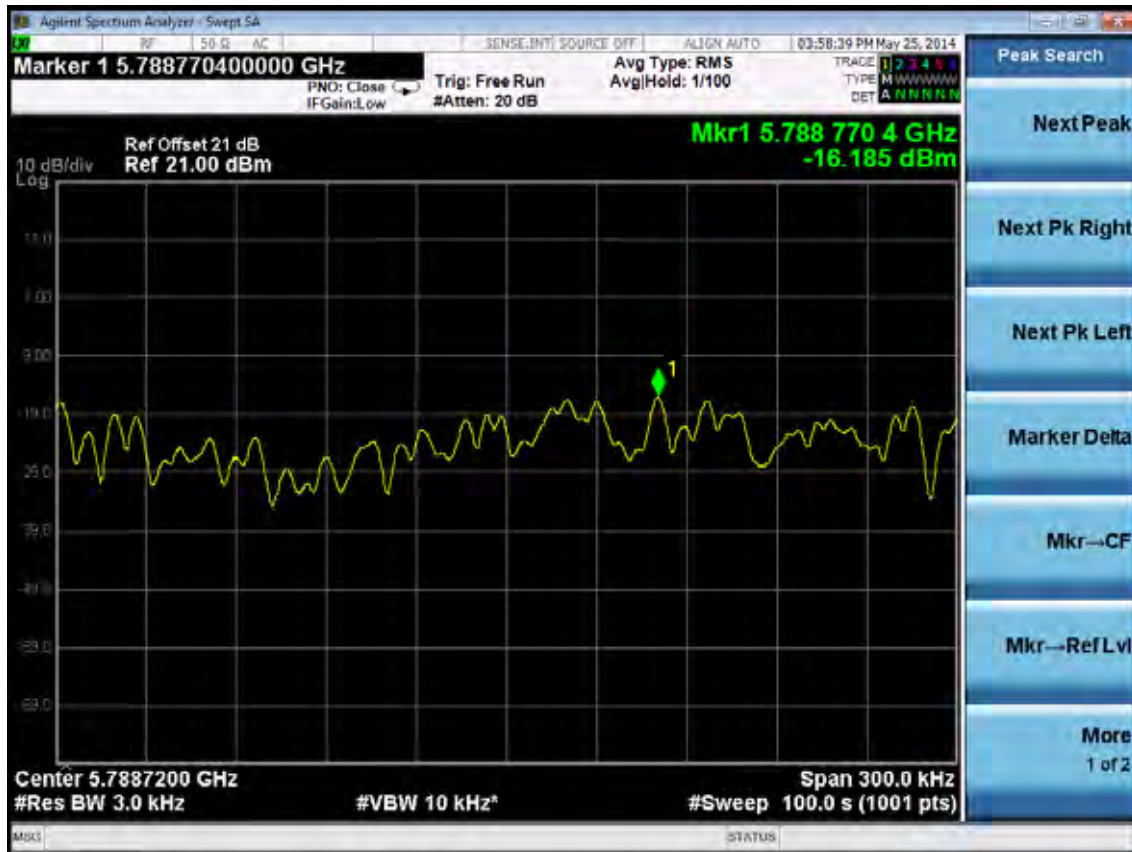
UNII Band 4:

Test Mode: IEEE 802.11a TX

Test CH149: 5745MHz



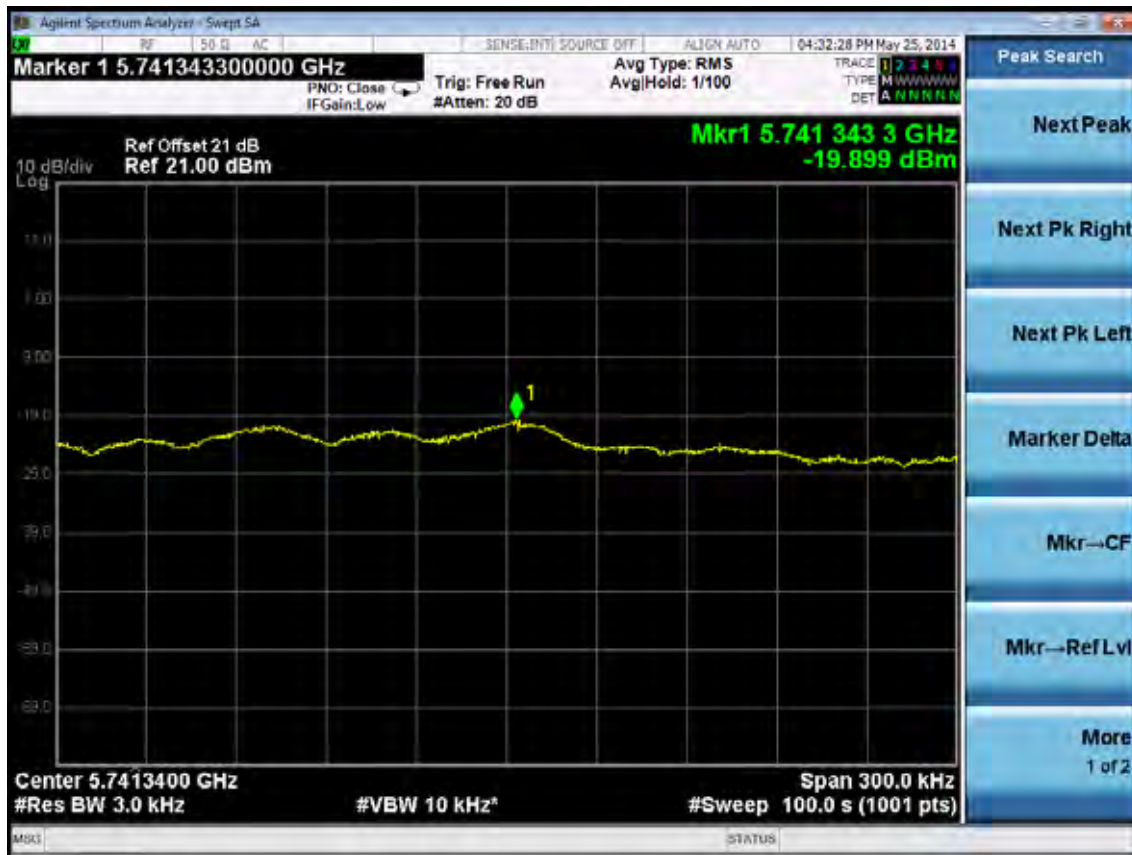
Test CH157: 5785MHz



Test CH165: 5825MHz



Test Mode: IEEE 802.11ac VHT20 TX
Test CH149: 5745MHz



Test CH157: 5785MHz



Test CH165: 5825MHz



Test Mode: IEEE 802.11ac VHT40 TX

Test CH151: 5755MHz



Test CH159: 5795MHz



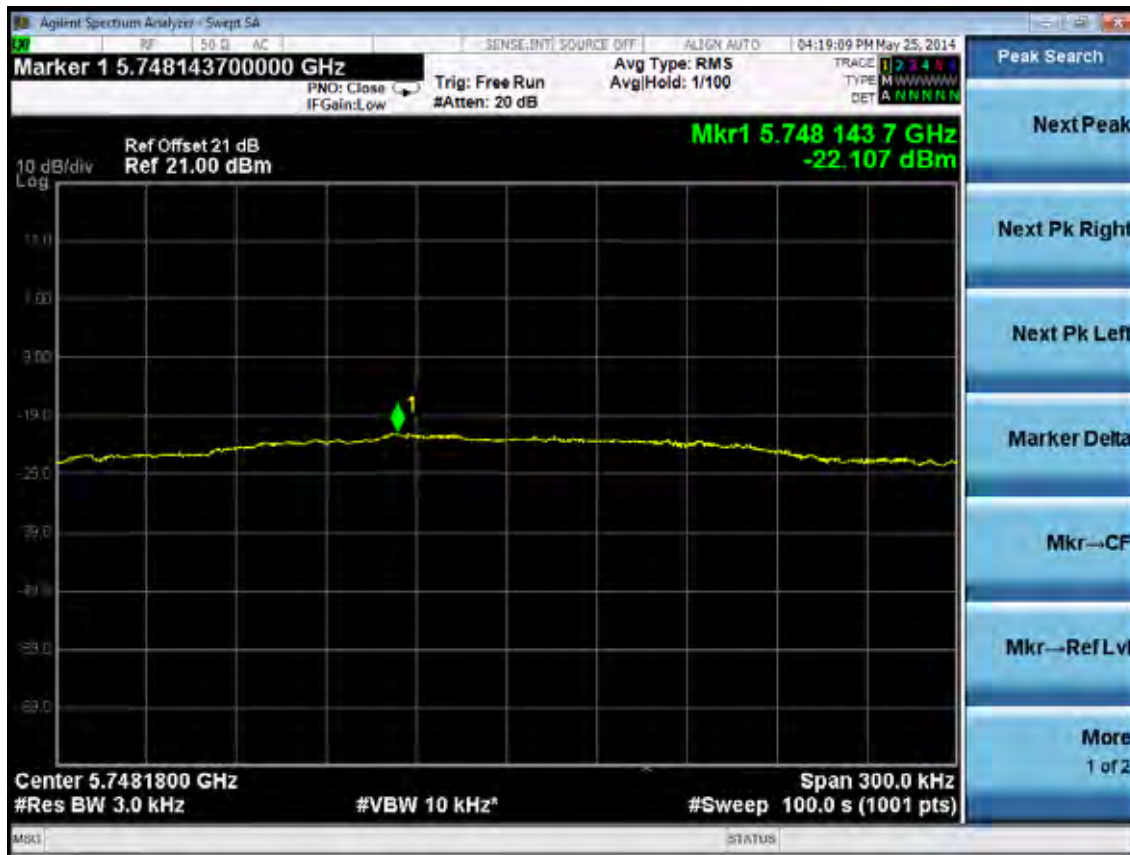
Test Mode: IEEE 802.11ac VHT80 TX

Test CH155: 5775MHz



Test Mode: IEEE 802.11n HT20 TX

Test CH149: 5745MHz



Test CH157: 5785MHz



Test CH165: 5825MHz

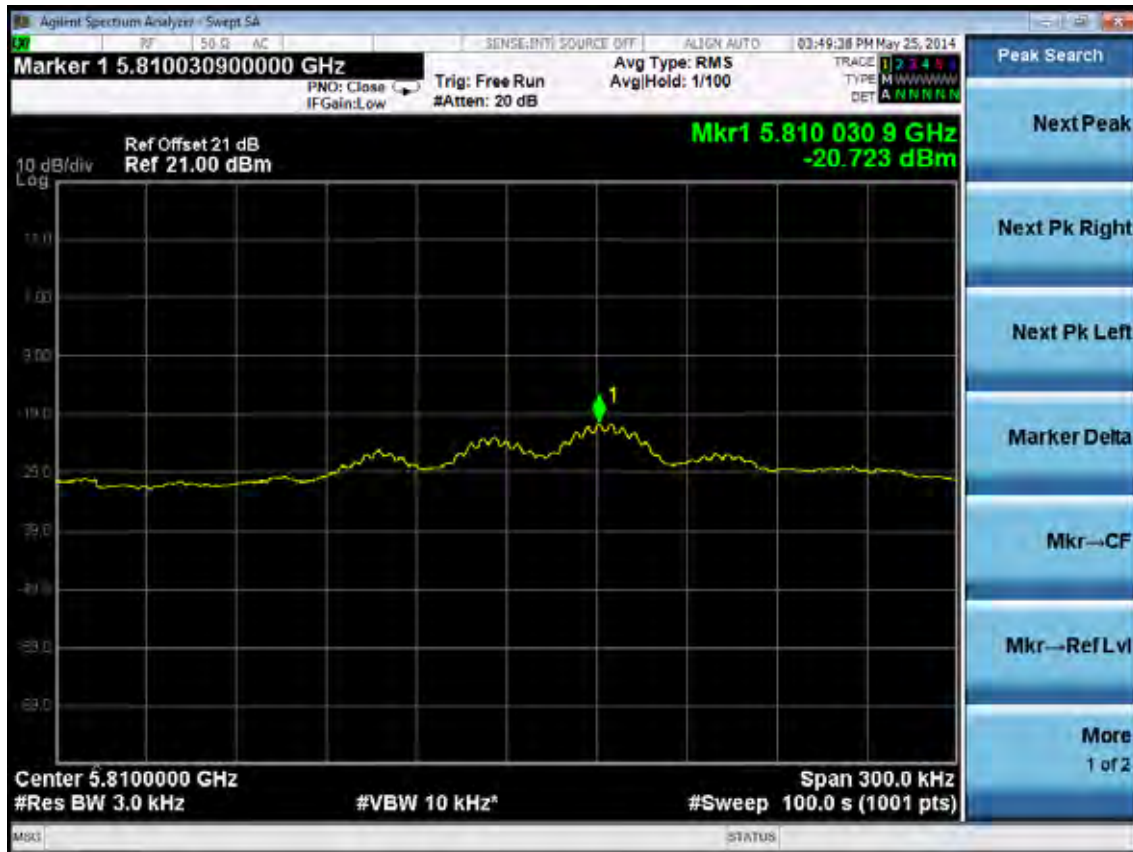


Test Mode: IEEE 802.11n HT40 TX

Test CH151: 5755MHz



Test CH159: 5795MHz



10.MPE ESTIMATION

10.1.Limit for General Population/ Uncontrolled Exposures

Frequency	Power density (mW/ cm ²)	Averaging time(minutes)
300MHz----1.5GHz	F/1500	30
1.5GHz---100GHz	1.0	30

Frequency(MHz)	Power density (mW/ cm ²)	Averaging time(minutes)
2412	1	30
2437	1	30
2462	1	30

Note: F= Frequency in MHz

10.2. Estimation Result

2.4G

EUT:Dell Cast Adapter		
M/N:BEL01		
Test date: 2014-05-23	Pressure: 101.2±1.0 kpa	Humidity: 48.4±3.0%
Tested by: Leo-Li	Test site: RF site	Temperature:20.7±0.6 °C

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: 3.61dBi	
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11b	CH1	2412	20.54	113.24	3.61	2.30	0.0518
	CH6	2437	21.20	131.83	3.61	2.30	0.0602
	CH11	2462	21.05	127.35	3.61	2.30	0.0582
11g	CH1	2412	21.47	140.28	3.61	2.30	0.0641
	CH6	2437	21.81	151.71	3.61	2.30	0.0693
	CH11	2462	22.17	164.82	3.61	2.30	0.0753
11n HT20	CH1	2412	19.32	85.51	3.61	2.30	0.0391
	CH6	2437	19.76	94.62	3.61	2.30	0.0432
	CH11	2462	20.03	100.69	3.61	2.30	0.0460

$$MPE = \frac{PG}{4\pi R^2} \quad (R=20cm)$$

UNII Band 4

EUT: Dell Cast Adapter		
M/N:BEL01		
Test date: 2014-05-25	Pressure: 101.3±1.0 kpa	Humidity: 49.6±3.0%
Tested by: Leo-Li	Test site: RF site	Temperature:22.3±0.6 °C

Cable loss: 1 dB		Attenuator loss: 20 dB				Antenna Gain: 2.52dBi	
Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
11a	CH149	5745	22.88	194.09	2.52	1.79	0.0690
	CH157	5785	22.74	187.93	2.52	1.79	0.0668
	CH165	5825	22.86	193.20	2.52	1.79	0.0687
11n HT20	CH149	5745	22.49	177.42	2.52	1.79	0.0631
	CH157	5785	22.53	179.06	2.52	1.79	0.0637
	CH165	5825	22.12	162.93	2.52	1.79	0.0579
11n HT40	CH151	5755	22.39	173.38	2.52	1.79	0.0617
	CH159	5795	22.19	165.58	2.52	1.79	0.0589
11ac VHT20	CH149	5745	22.05	160.32	2.52	1.79	0.0570
	CH157	5785	22.43	174.98	2.52	1.79	0.0622
	CH165	5825	22.42	174.58	2.52	1.79	0.0621
11ac VHT40	CH151	5755	21.41	138.36	2.52	1.79	0.0492
	CH159	5795	22.51	178.24	2.52	1.79	0.0634
11n VHT80	CH155	5775	22.43	174.98	2.52	1.79	0.0622

$$MPE = \frac{PG}{4\pi R^2} \quad (R=20cm)$$

11. ANTENNA REQUIREMENT

11.1. STANDARD APPLICABLE

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

11.2. ANTENNA CONNECTED CONSTRUCTION

The antennas used for this product are PIFA antenna that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 3.61dBi.

12.DEVIATION TO TEST SPECIFICATIONS

[NONE]