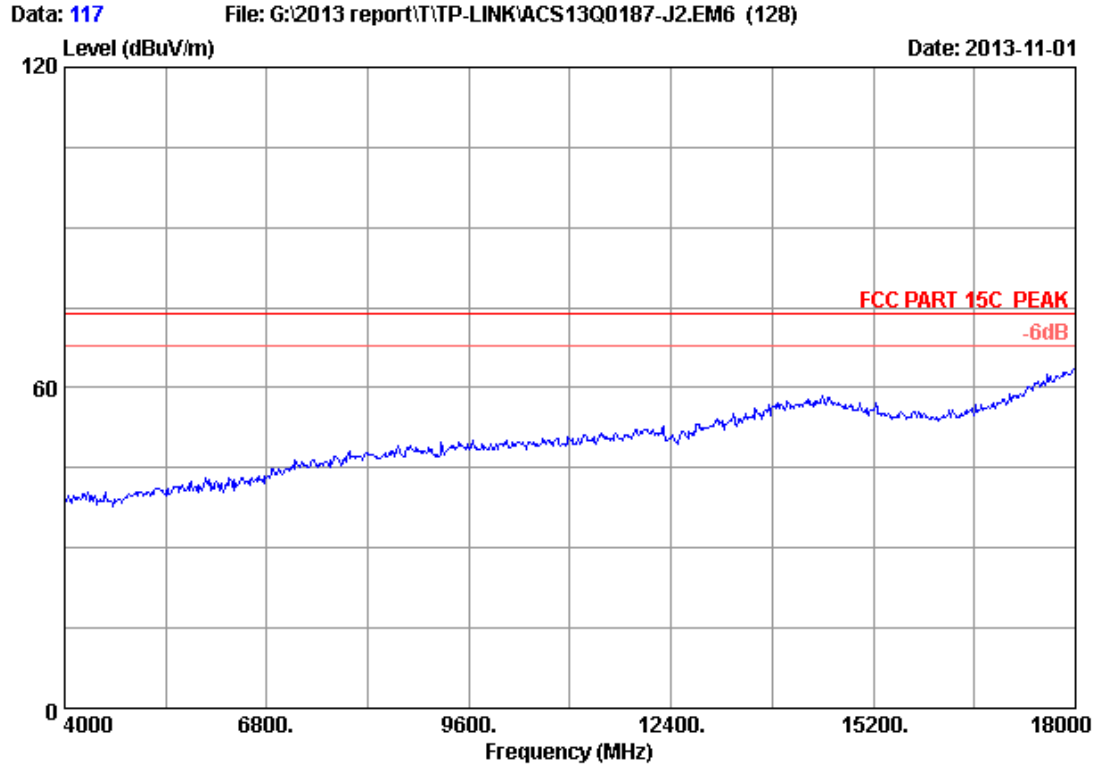
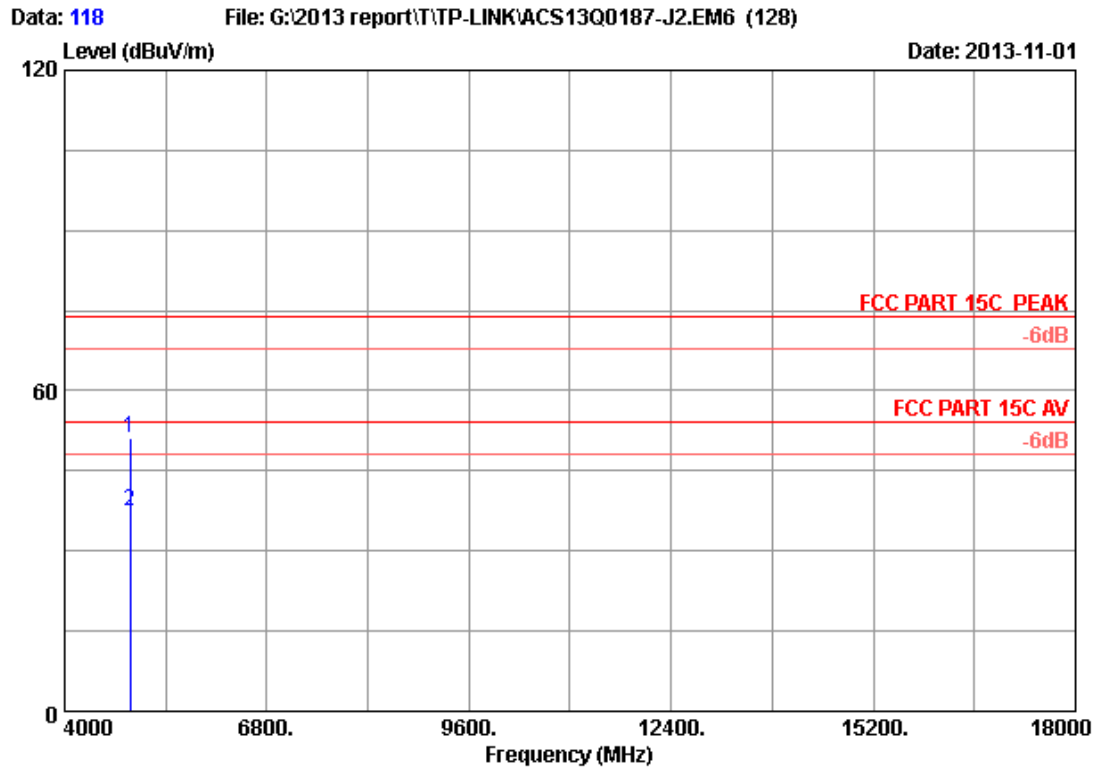




Site no.	: 3m Chamber	Data no.	: 117
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23°C/54%	Engineer	: Leo-Li
EUT	: 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point		
Power supply	: DC 12V From Adapter Input AC 120V/60Hz		
Test mode	: IEEE802.11nHT40 2452MHz Tx		
M/N	: TL-WA7210		

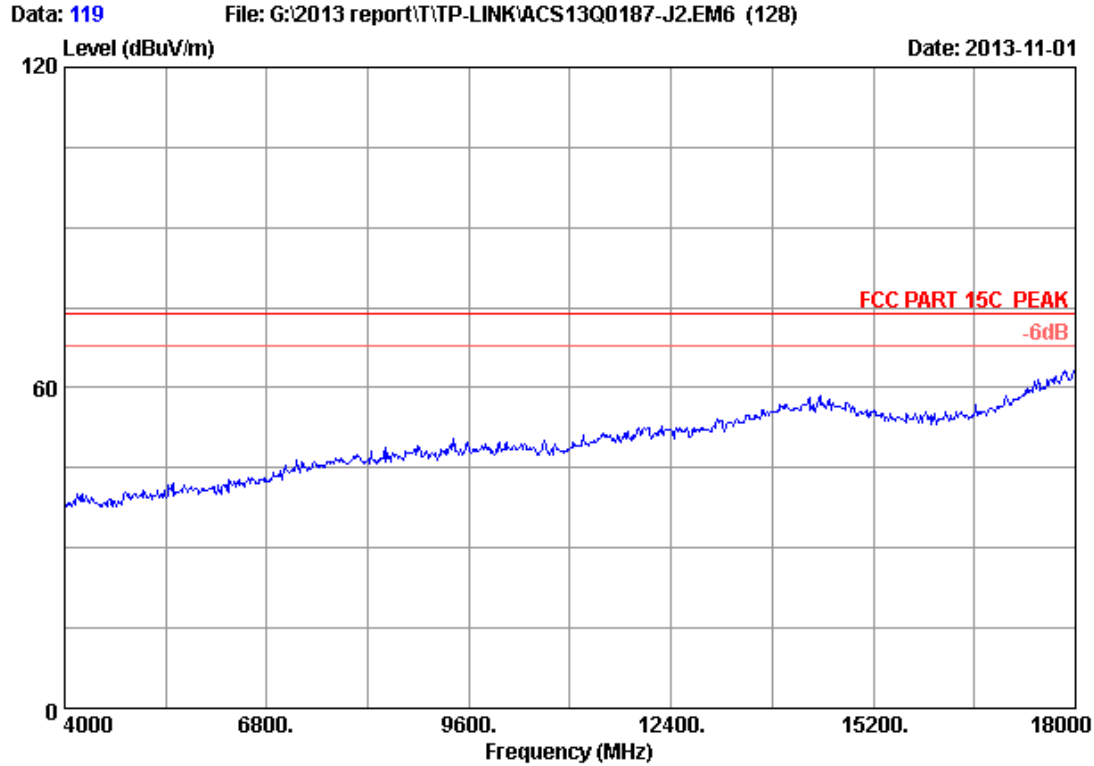


Site no. : 3m Chamber Data no. : 118
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

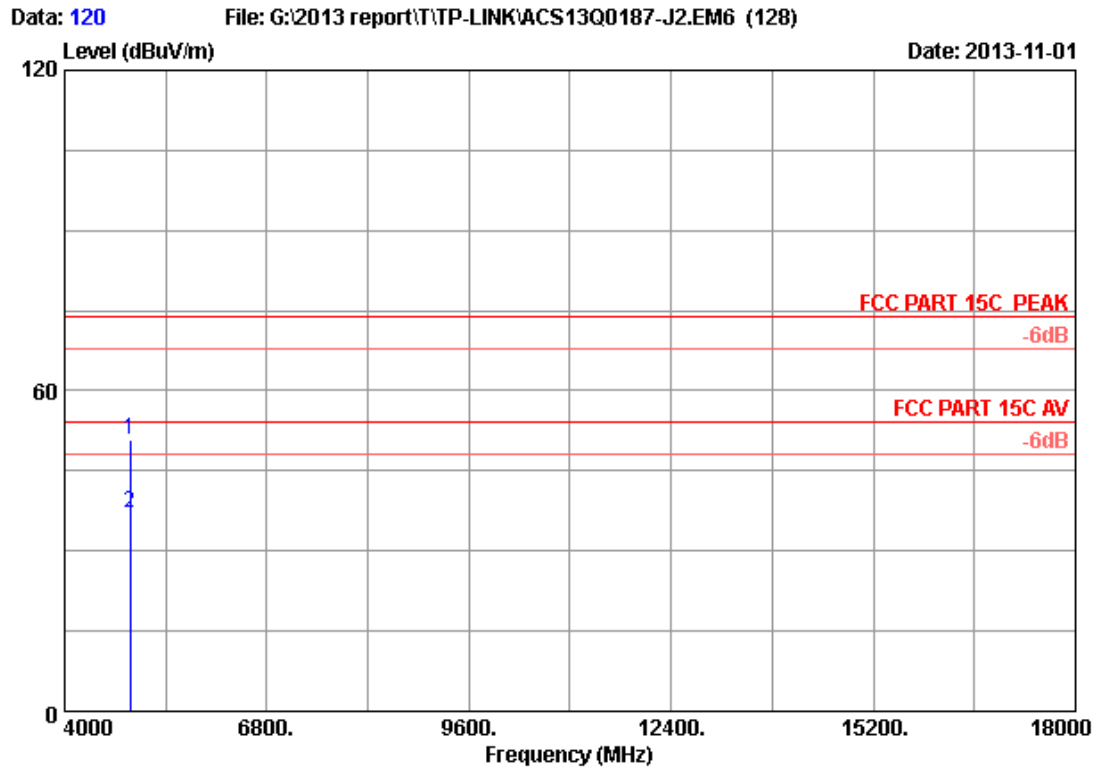
	Freq.	Ant.	Cable	Amp.	Emission				
	(MHz)	Factor	loss	Factor	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	4904.000	33.03	8.66	35.70	45.28	51.27	74.00	22.73	Peak
2	4904.000	33.03	8.66	35.70	31.59	37.58	54.00	16.42	Average

Remarks:

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



Site no.	: 3m Chamber	Data no.	: 119
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23°C/54%	Engineer	: Leo-Li
EUT	: 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point		
Power supply	: DC 12V From Adapter Input AC 120V/60Hz		
Test mode	: IEEE802.11nHT40 2452MHz Tx		
M/N	: TL-WA7210		

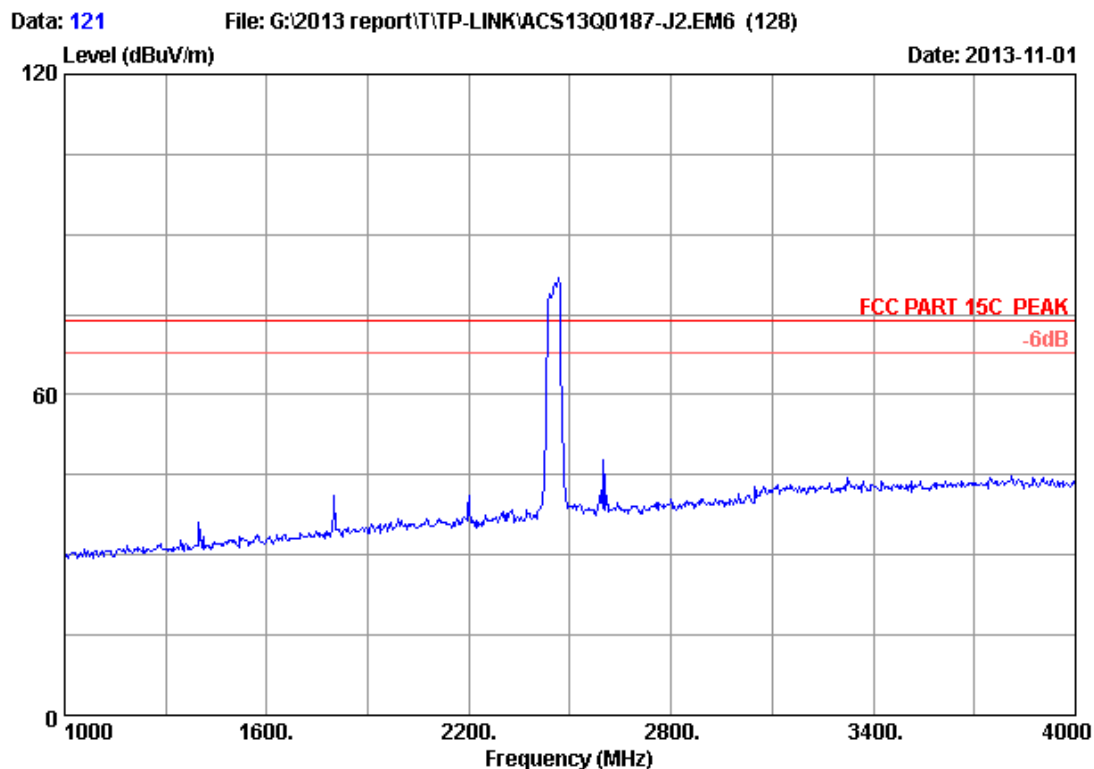


Site no. : 3m Chamber Data no. : 120
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

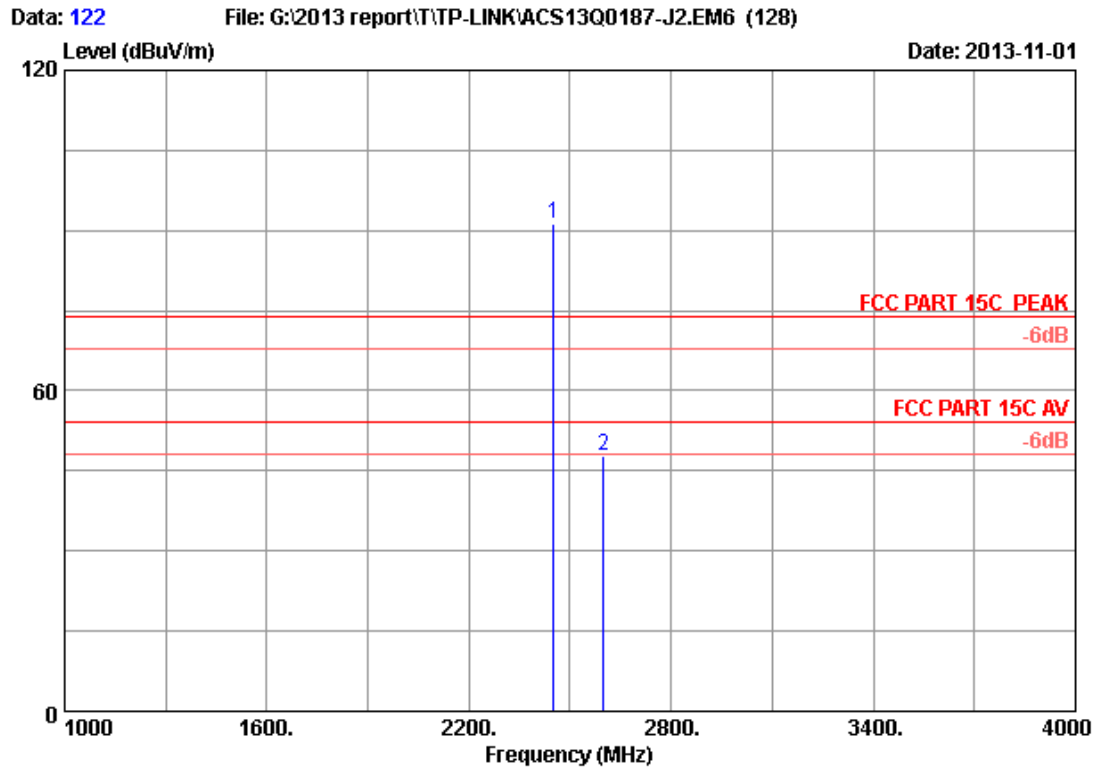
	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4904.000	33.03	8.66	35.70	44.73	50.72	74.00	23.28	Peak
2	4904.000	33.03	8.66	35.70	31.15	37.14	54.00	16.86	Average

Remarks:

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



Site no.	: 3m Chamber	Data no.	: 121
Dis. / Ant.	: 3m 2013 3115 (4580)	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23°C/54%	Engineer	: Leo-Li
EUT	: 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point		
Power supply	: DC 12V From Adapter Input AC 120V/60Hz		
Test mode	: IEEE802.11nHT40 2452MHz Tx		
M/N	: TL-WA7210		

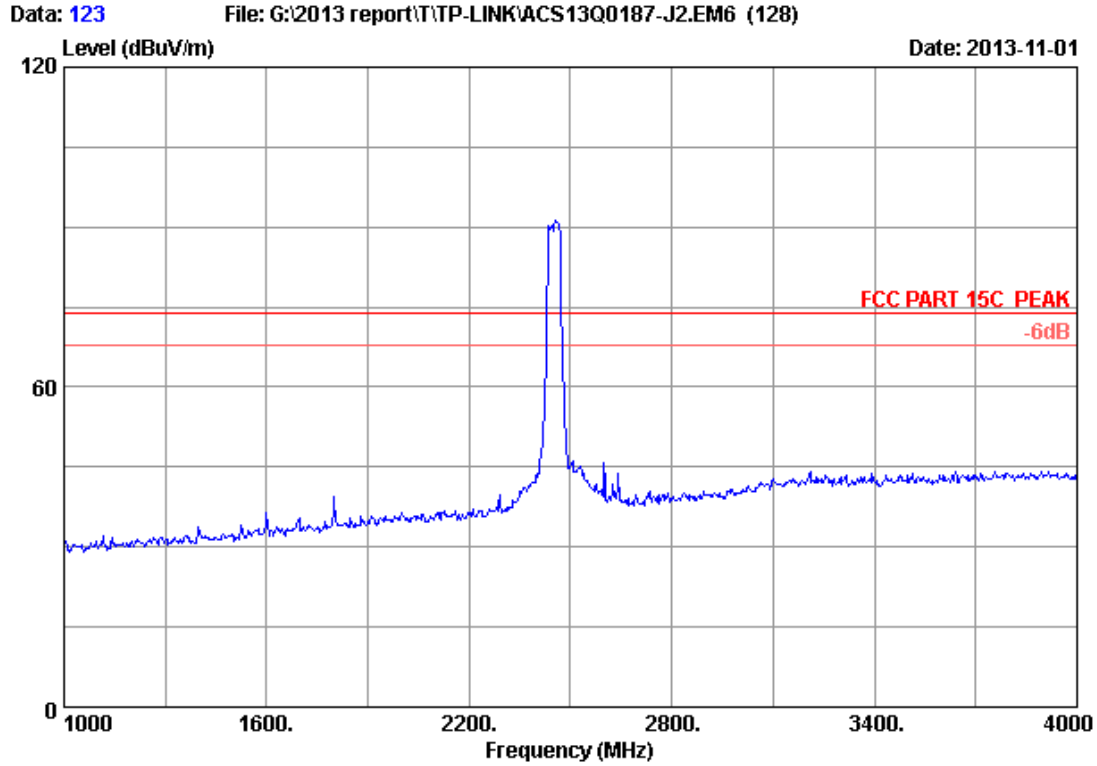


Site no. : 3m Chamber Data no. : 122
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

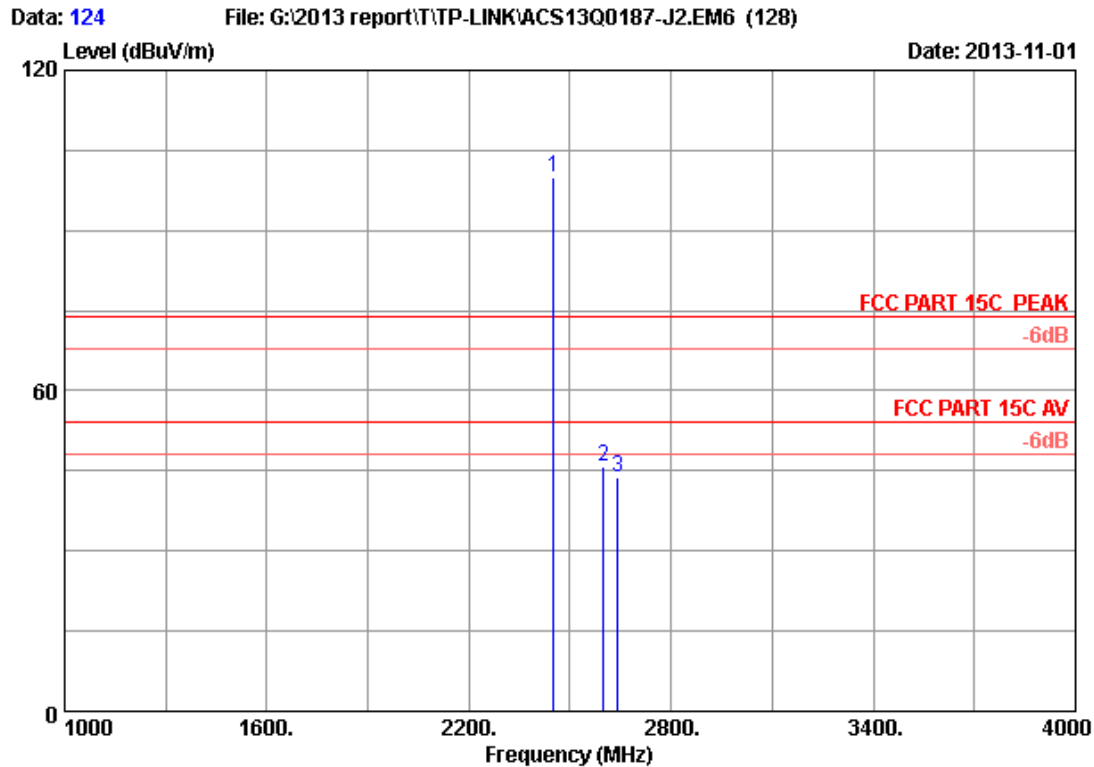
	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission			
						Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2452.000	28.29	5.87	35.70	92.86	91.32	74.00	-17.32	Peak
2	2599.000	28.80	6.09	35.70	48.46	47.65	74.00	26.35	Peak

Remarks:

- Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
- 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.	: 23°C/54%	Engineer	: Leo-Li
EUT	: 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point		
Power supply	: DC 12V From Adapter Input AC 120V/60Hz		
Test mode	: IEEE802.11nHT40 2452MHz Tx		
M/N	: TL-WA7210		



Site no. : 3m Chamber Data no. : 124
Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23°C/54% Engineer : Leo-Li
EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
Power supply : DC 12V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11nHT40 2452MHz Tx
M/N : TL-WA7210

	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	2452.000	28.29	5.87	35.70	101.37	99.83	74.00	-25.83	Peak
2	2599.000	28.80	6.09	35.70	46.58	45.77	74.00	28.23	Peak
3	2641.000	28.96	6.15	35.70	44.23	43.64	74.00	30.36	Peak

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
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	E4446A	US44300459	May.08, 13	1 Year
2.	Attenuator	Agilent	8491B	MY39262165	May.08,13	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28618/2	May.08,13	1Year

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.

5.4. Test result

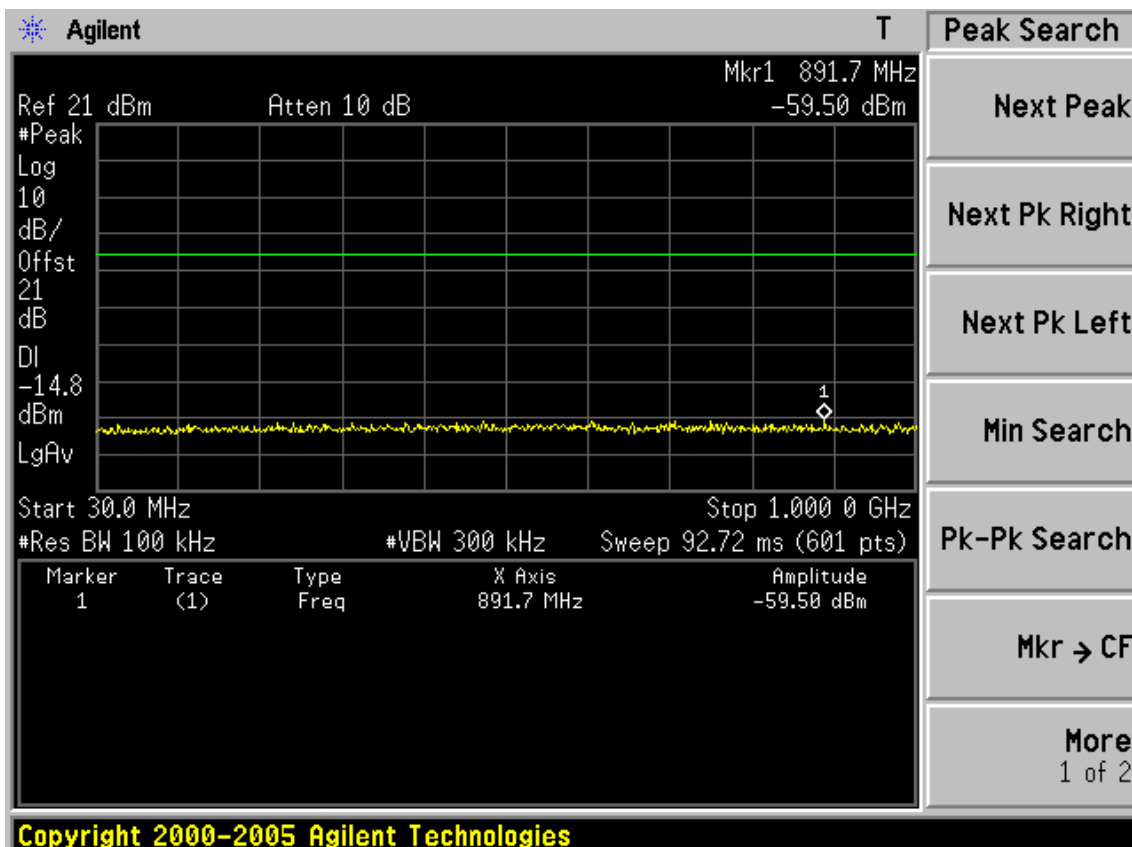
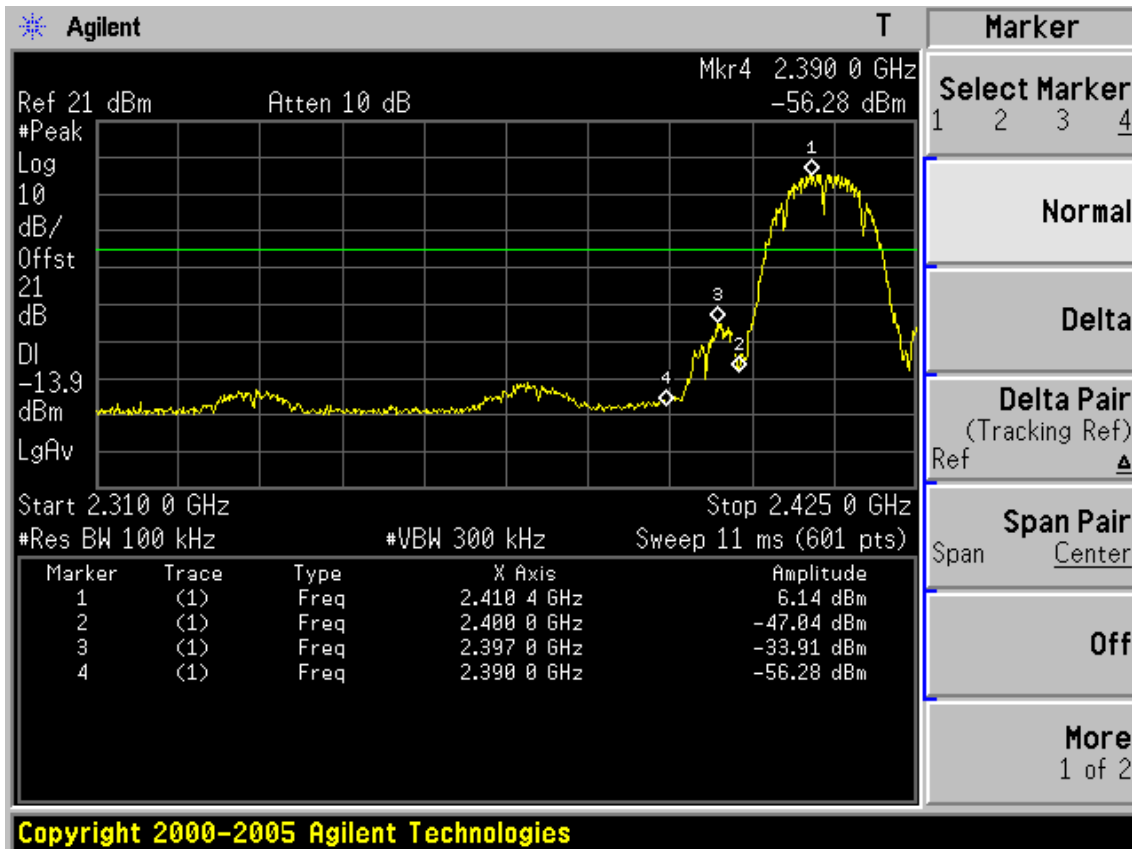
PASS (The testing data was attached in the next pages.)

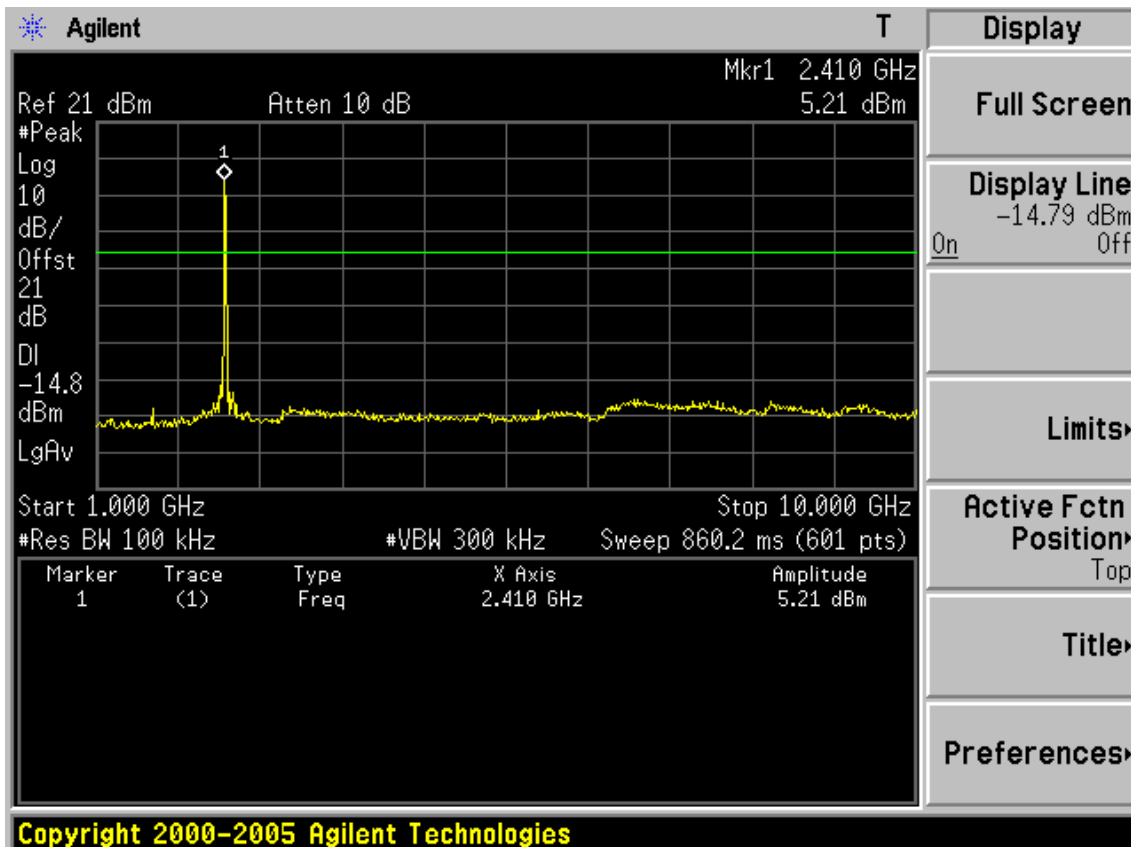
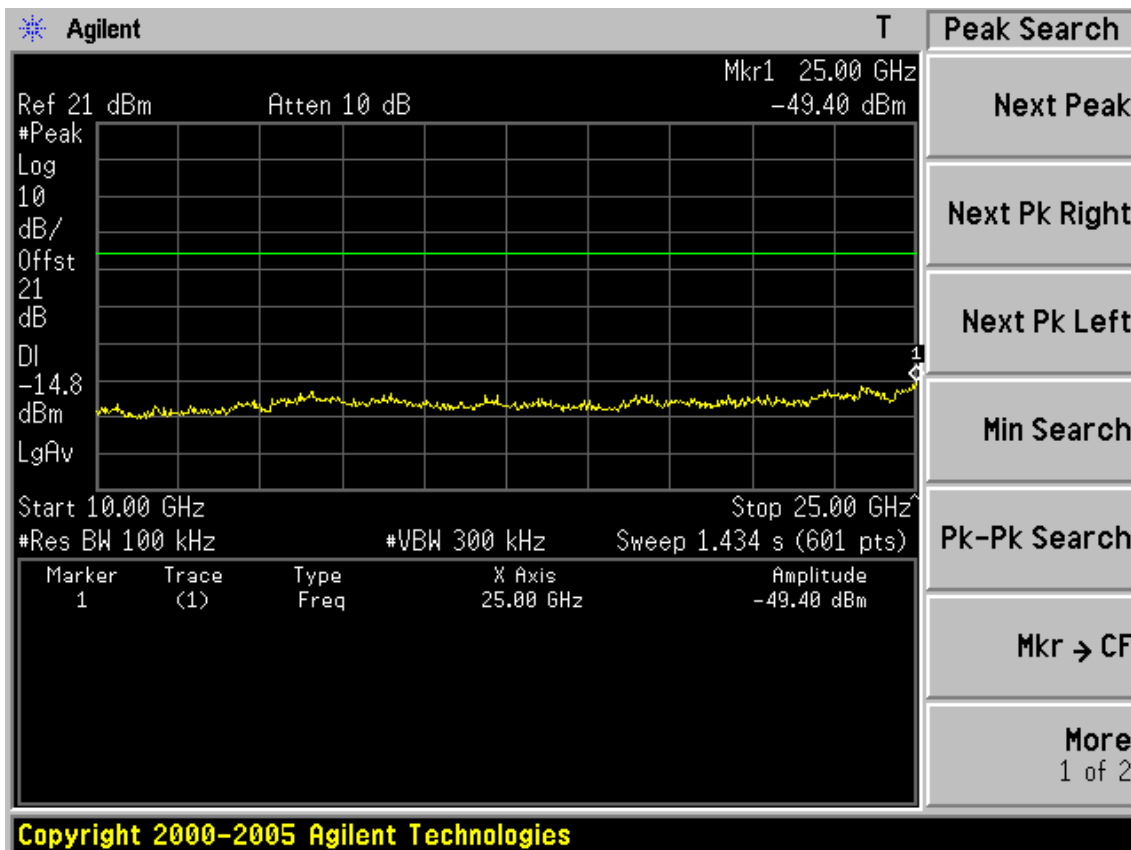
Conducted emission test data:

Vertical:

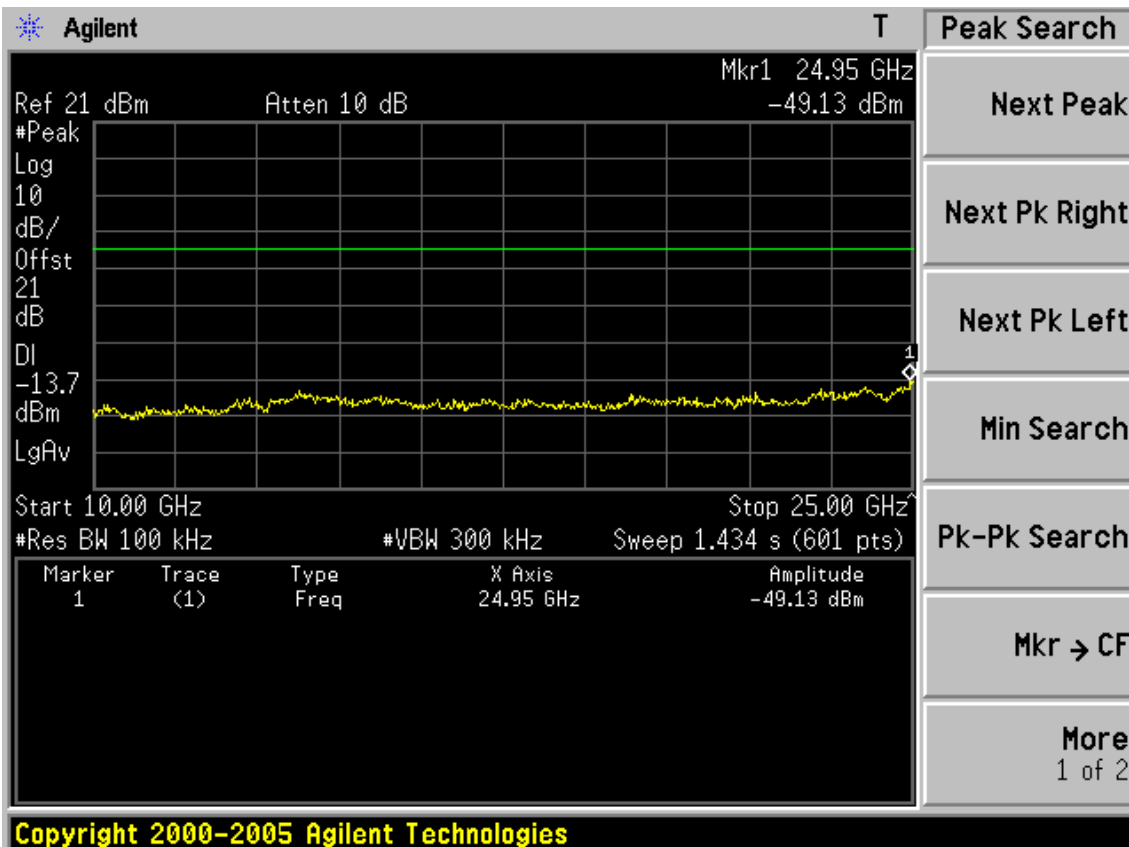
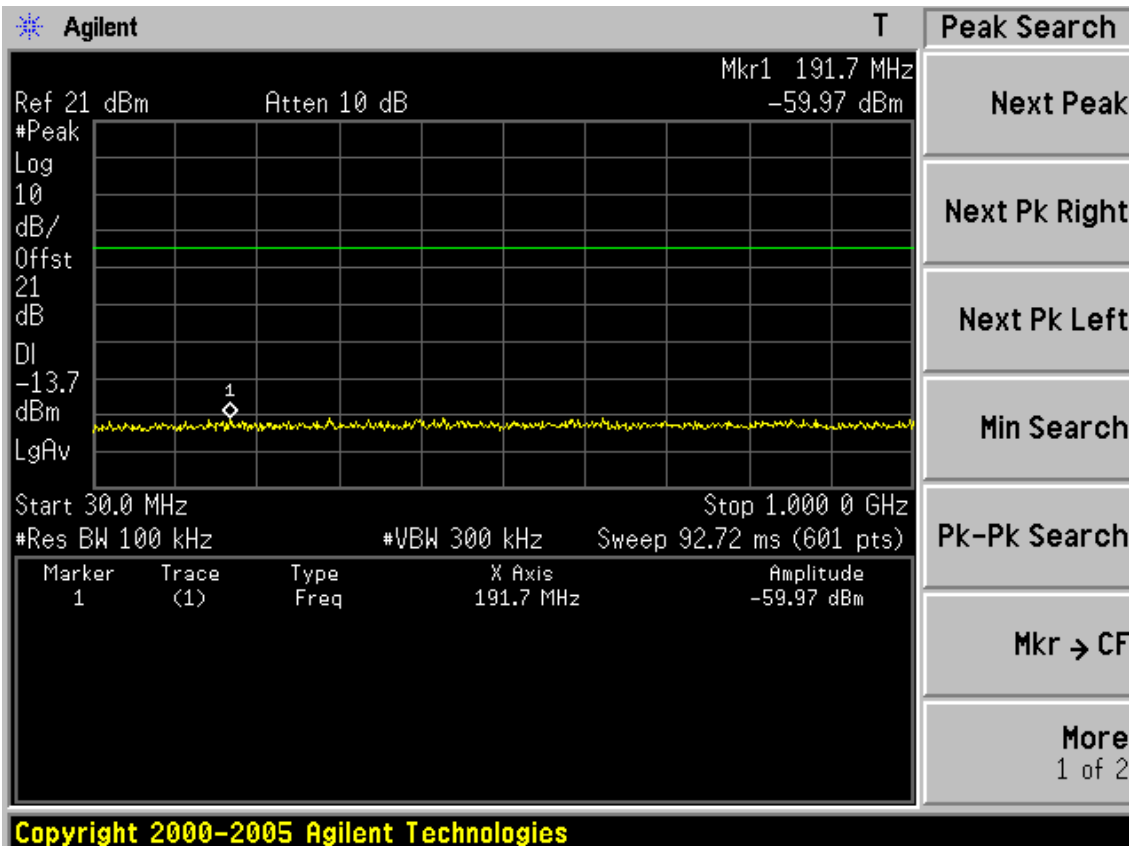
Test Mode: IEEE 802.11b TX

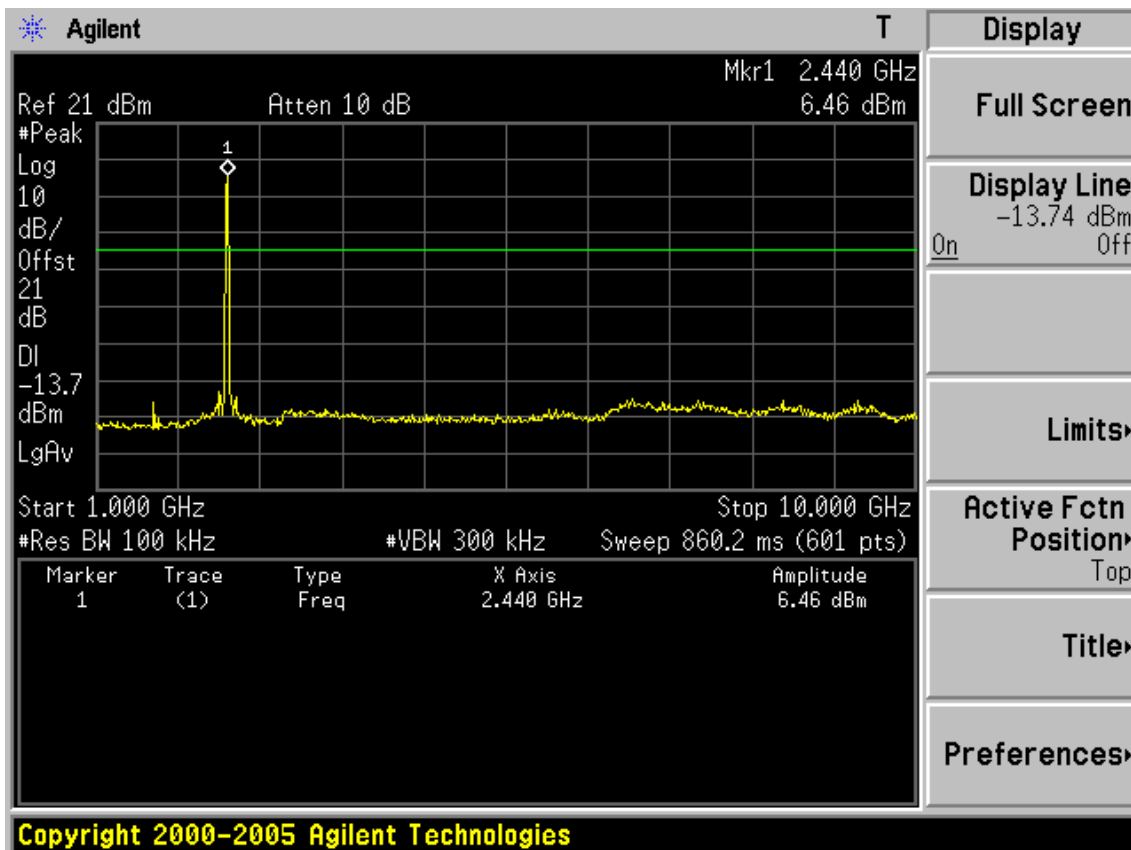
Test CH1: 2412MHz



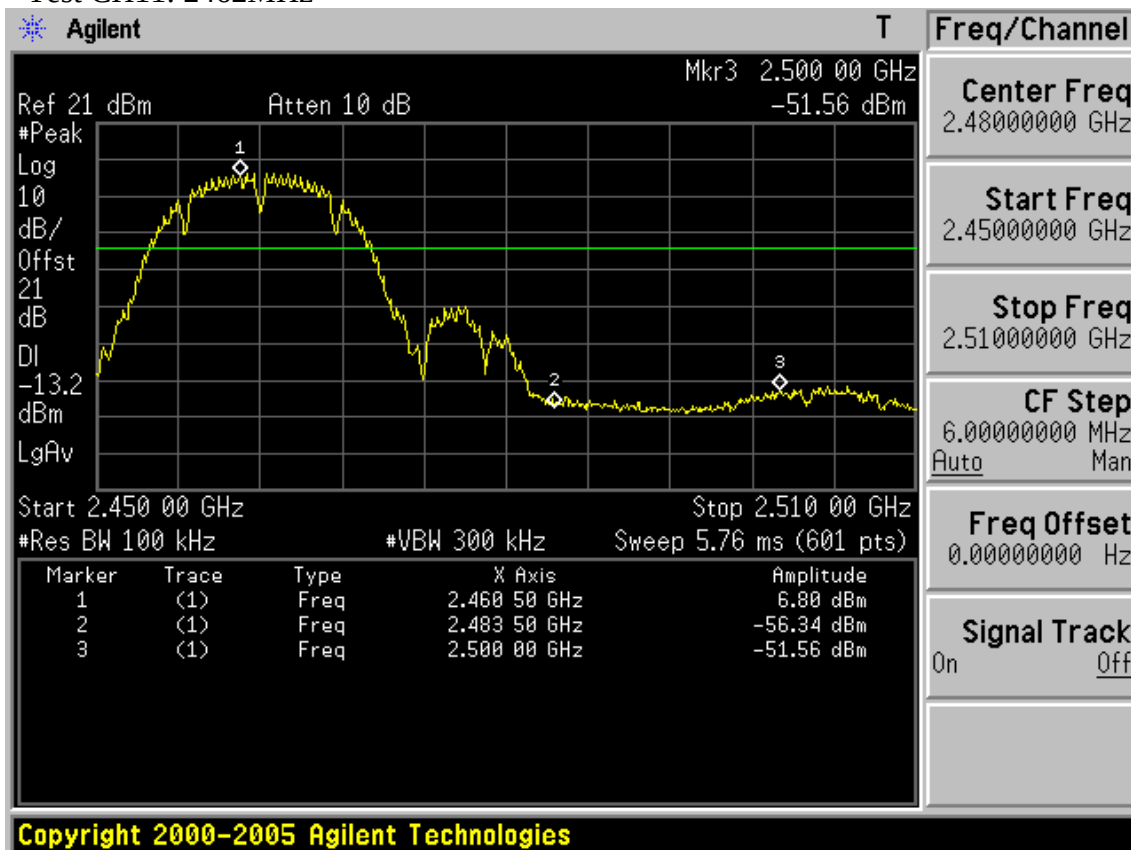


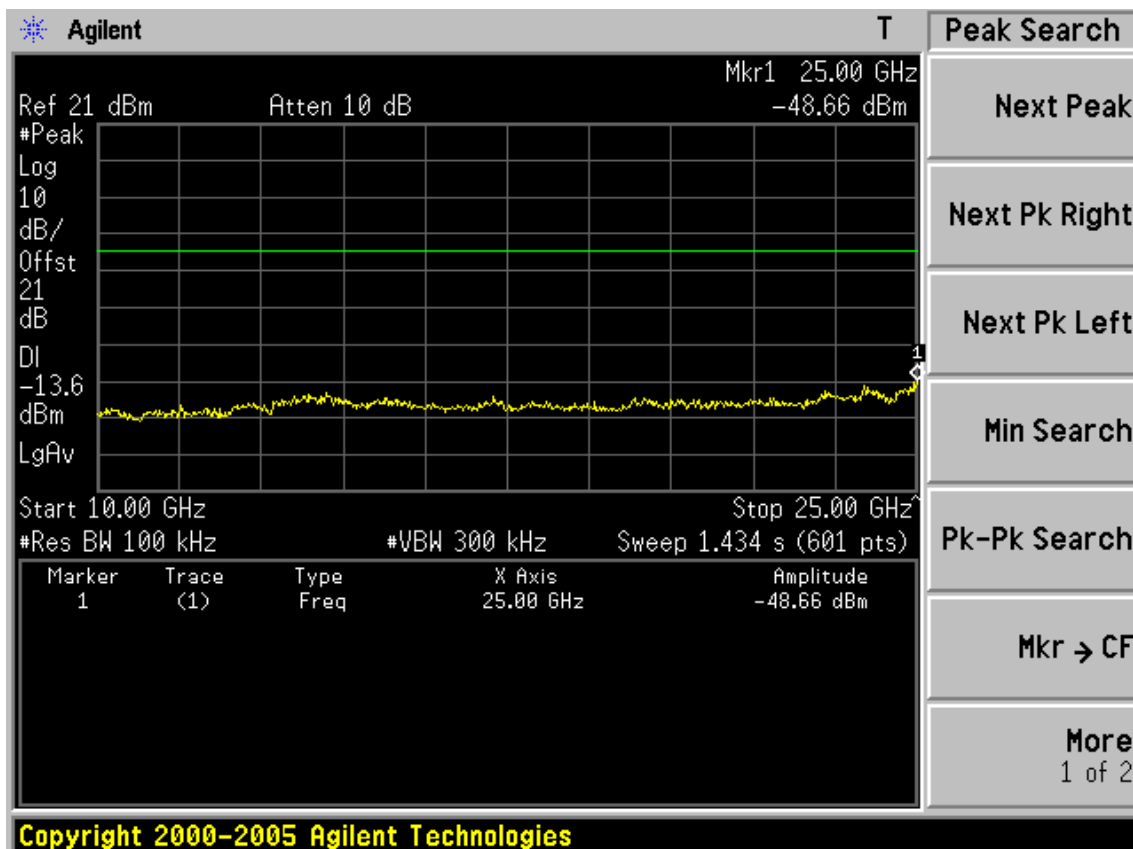
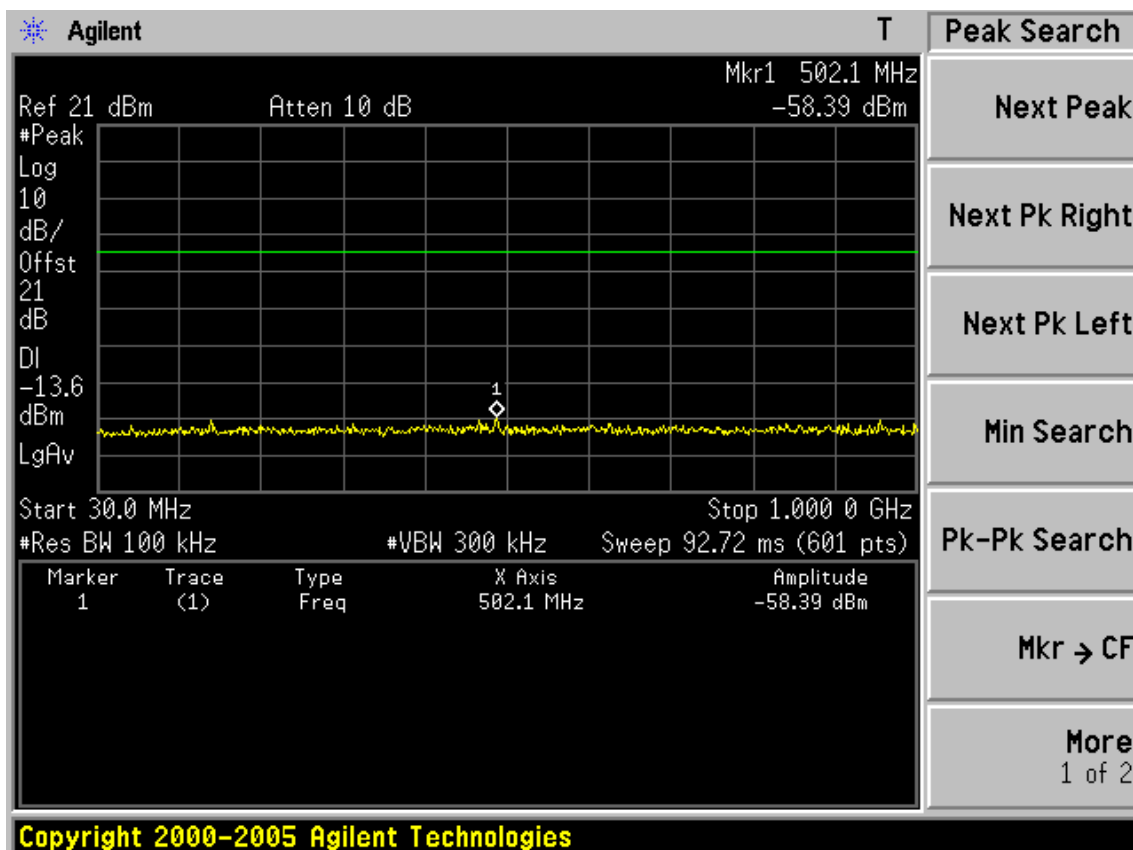
Test CH6: 2437MHz

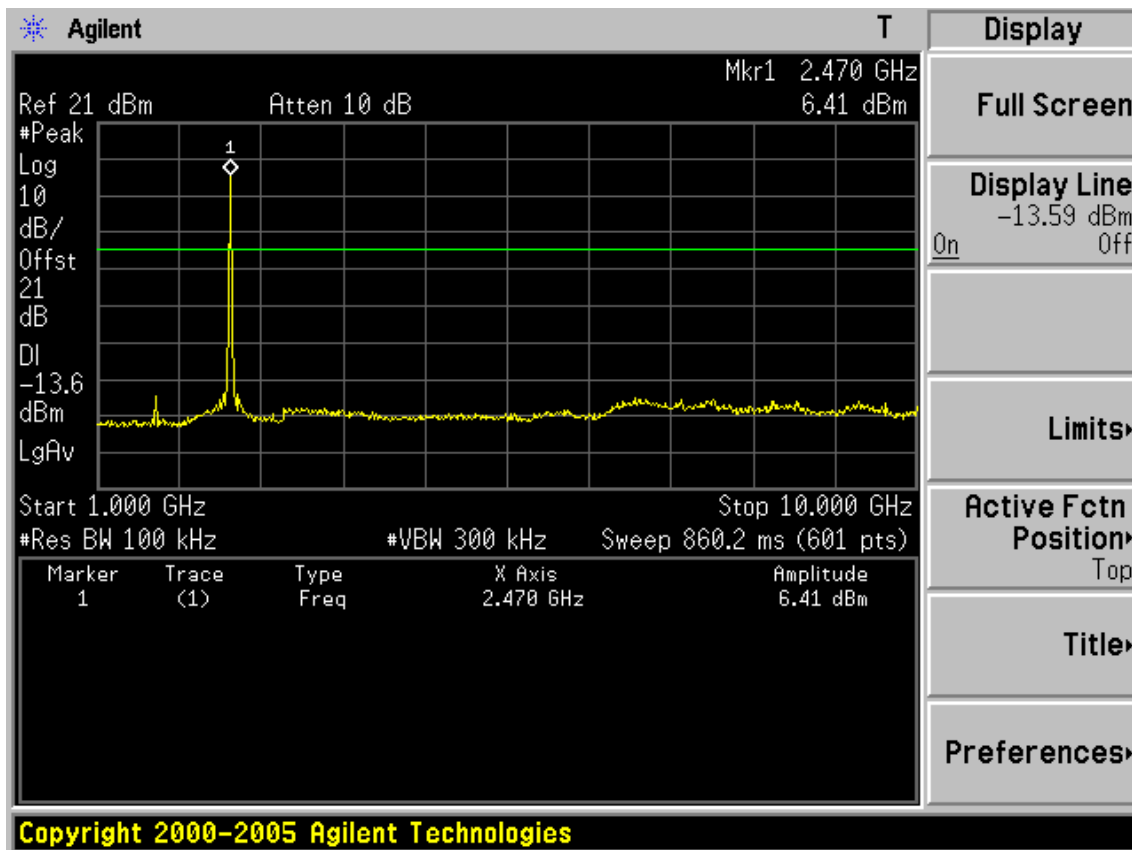




Test CH11: 2462MHz

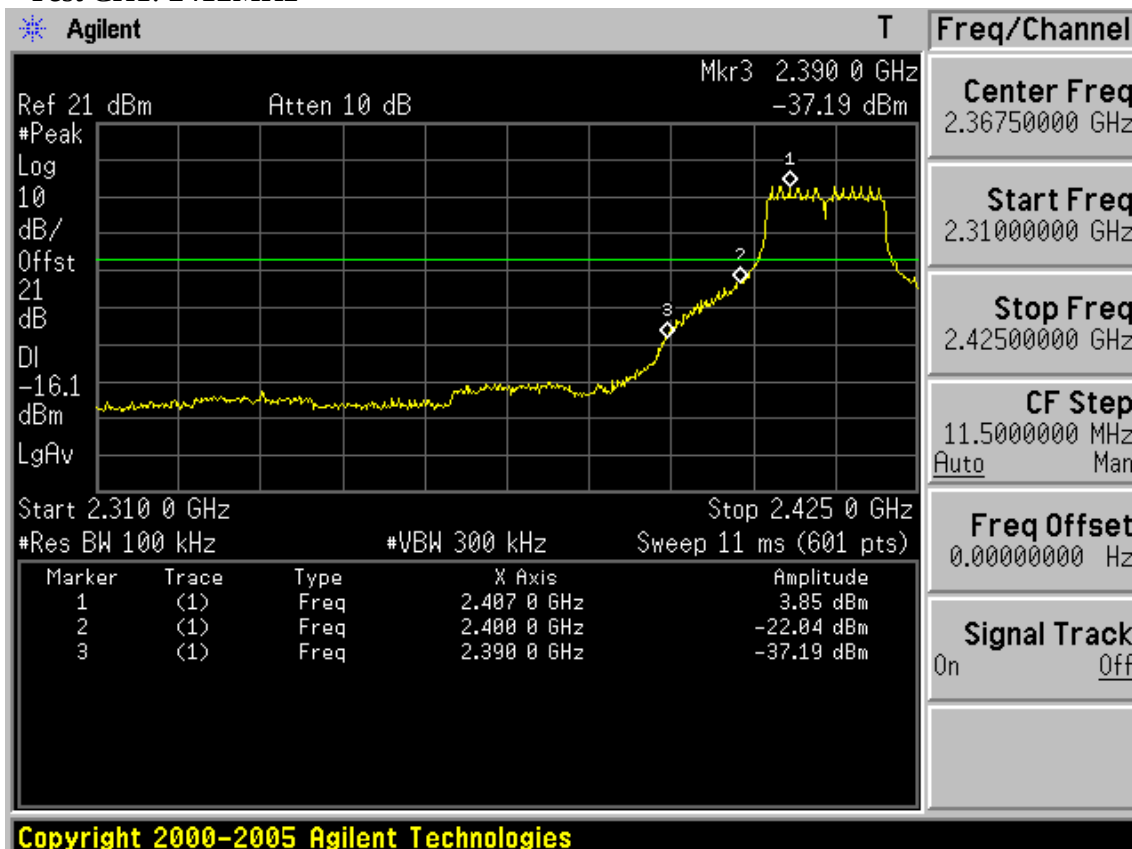


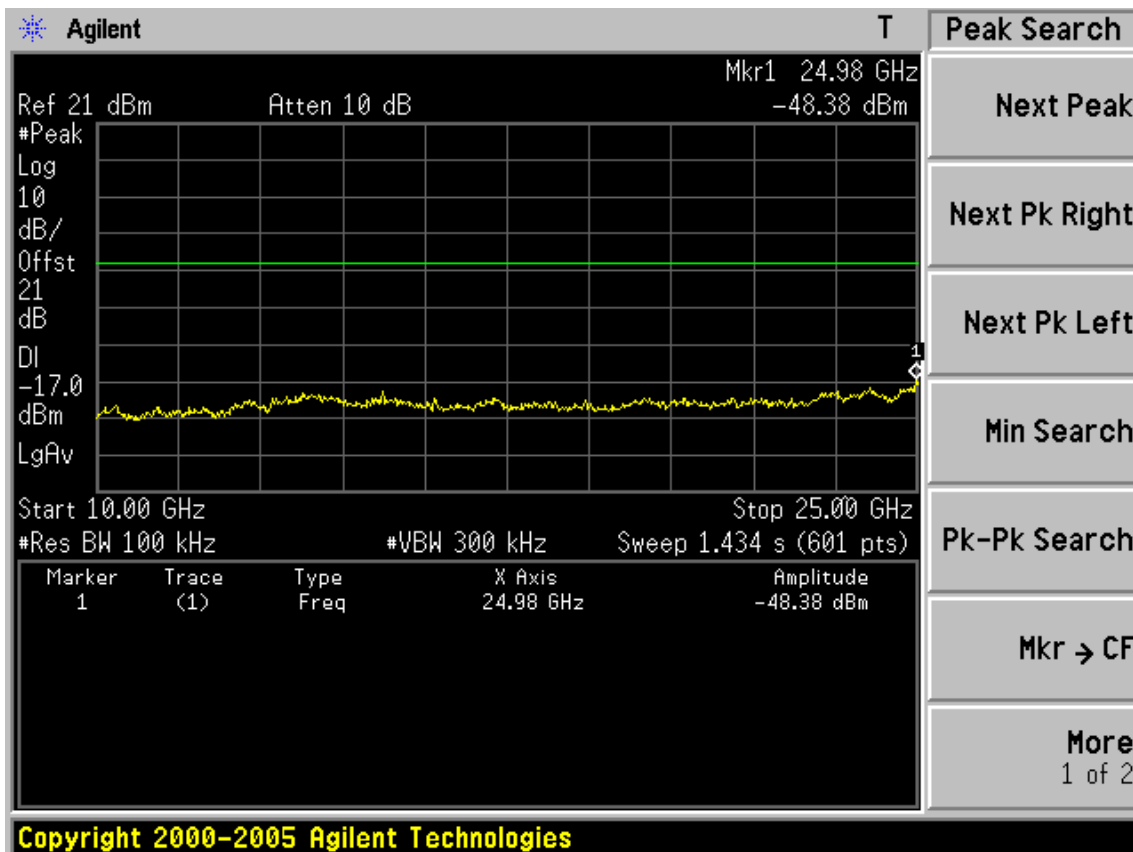
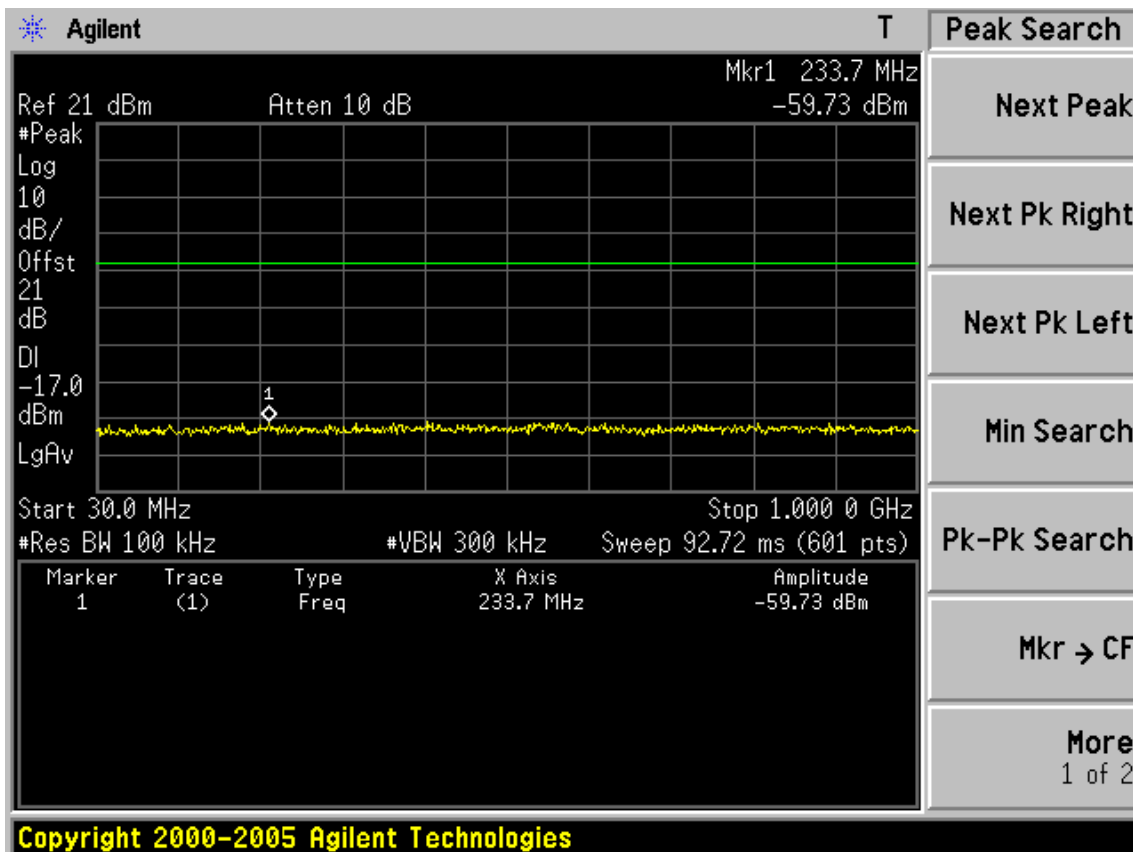


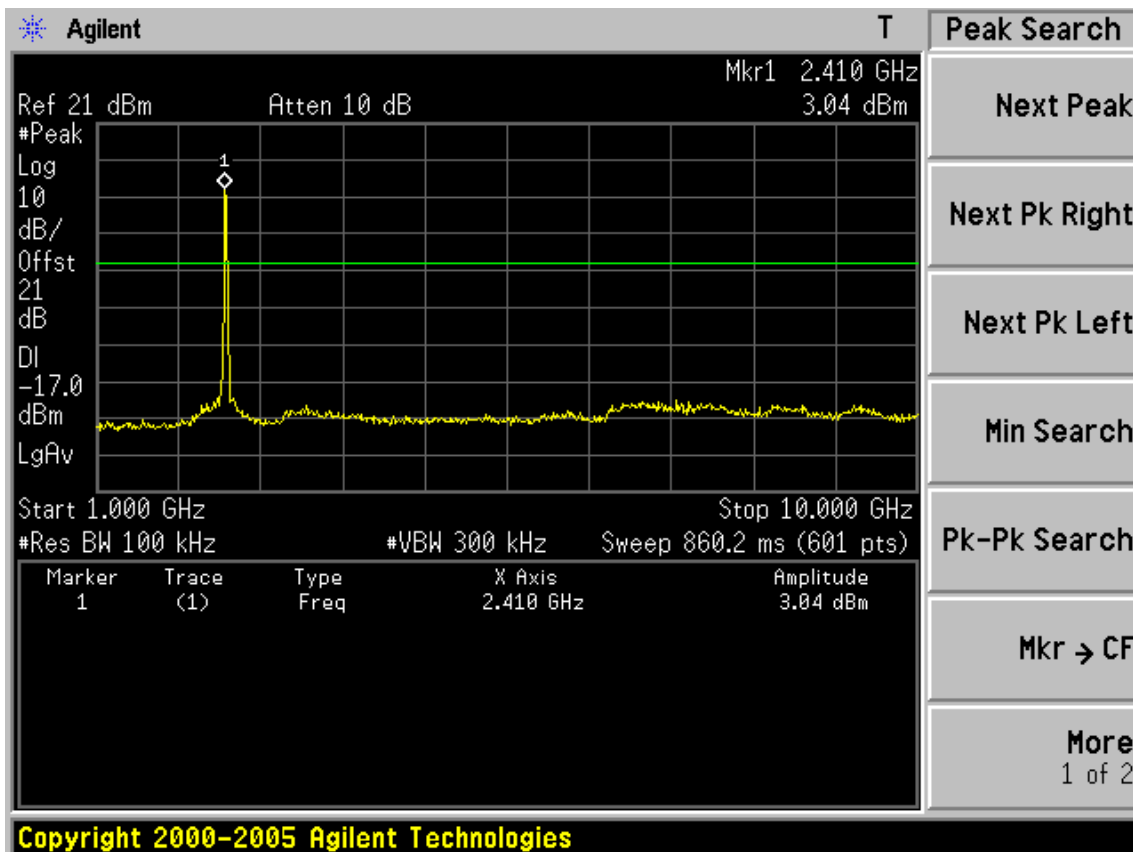


Test Mode: IEEE 802.11g TX

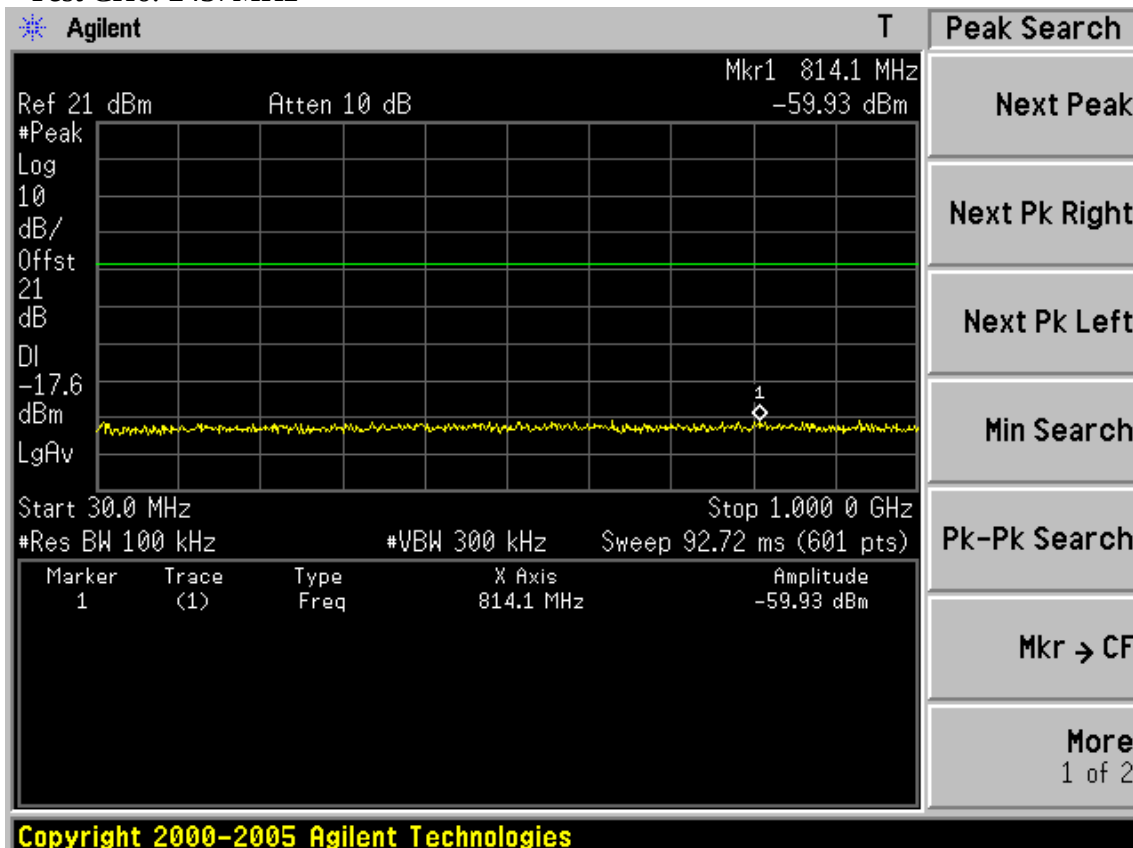
Test CH1: 2412MHz

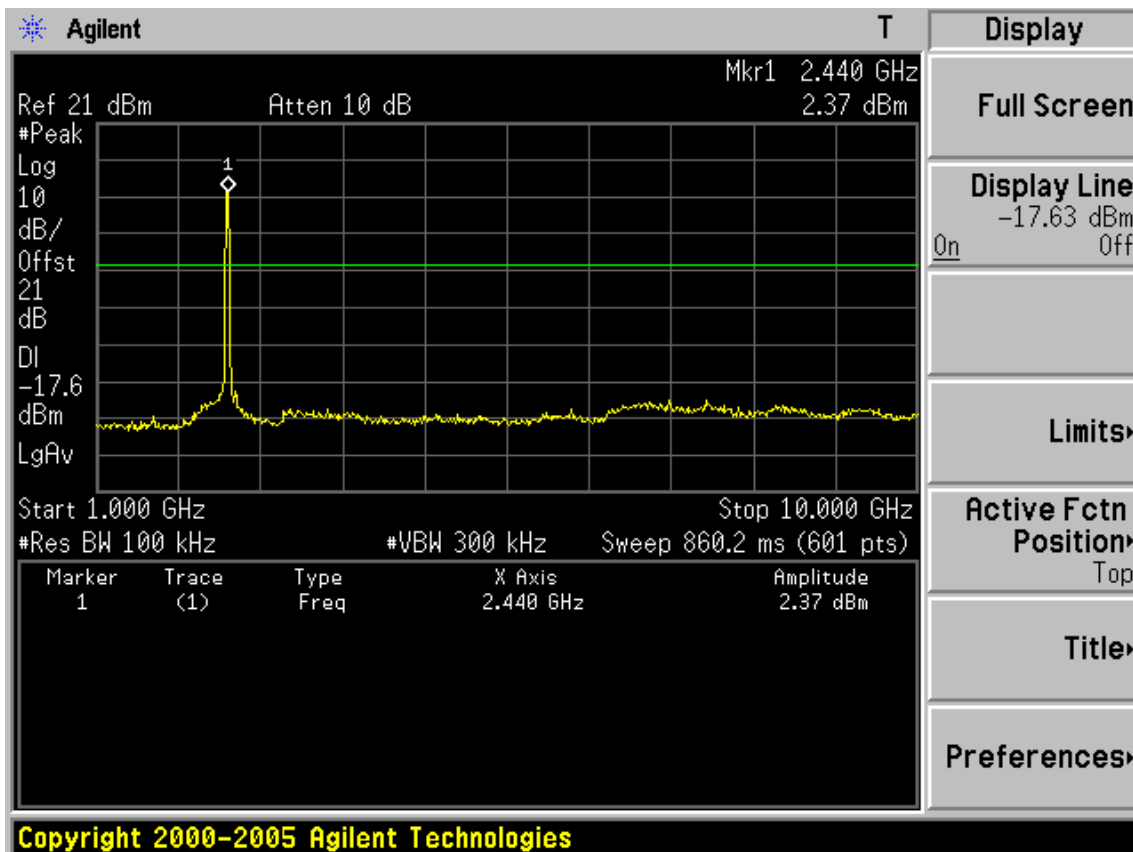
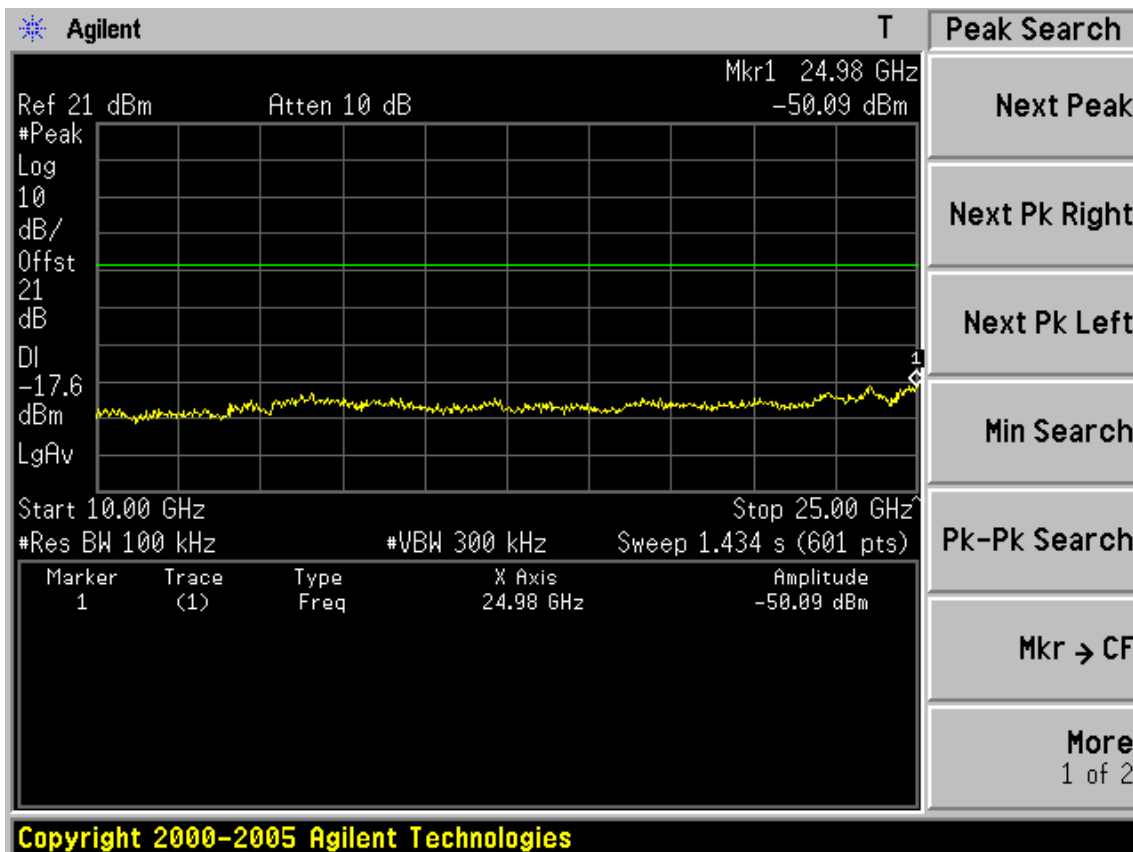




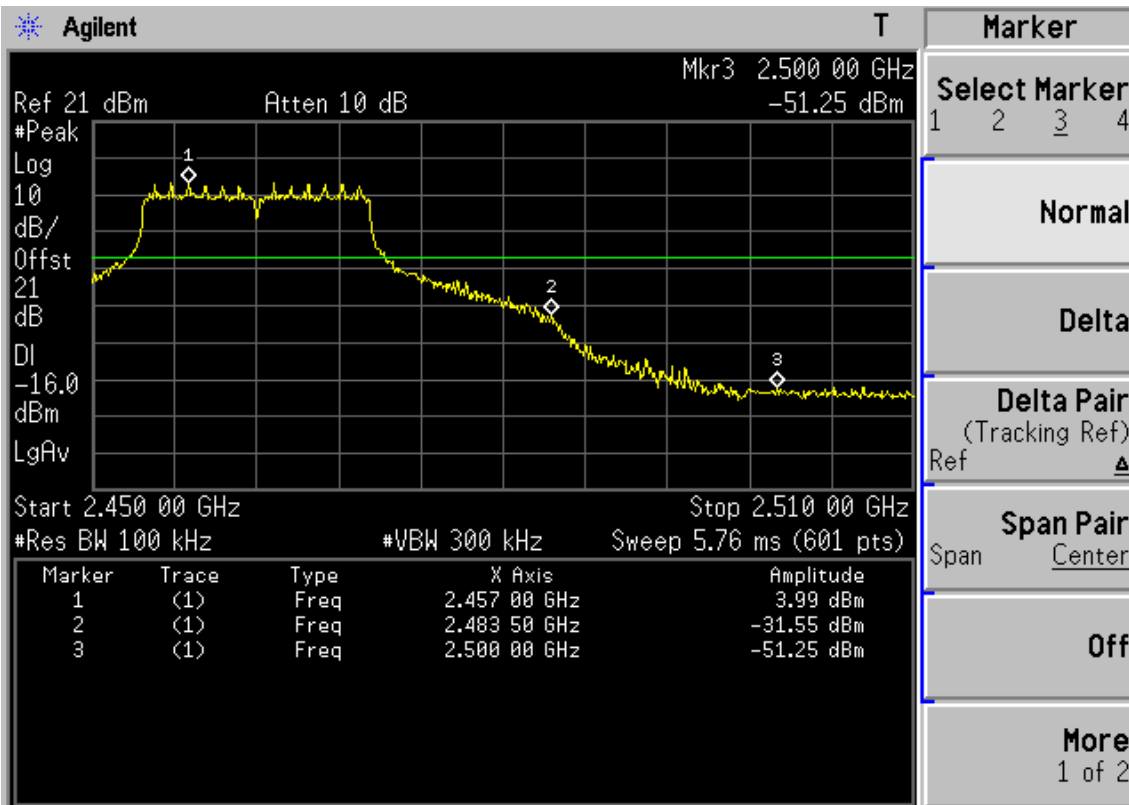


Test CH6: 2437MHz

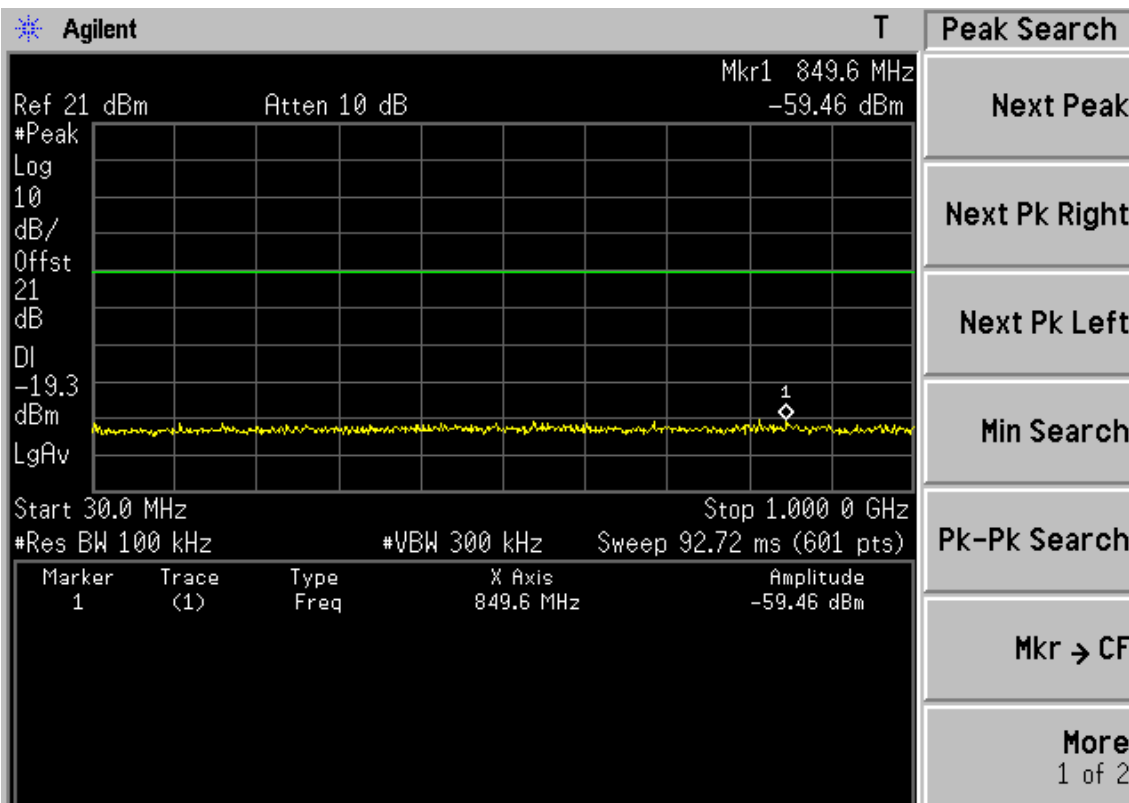




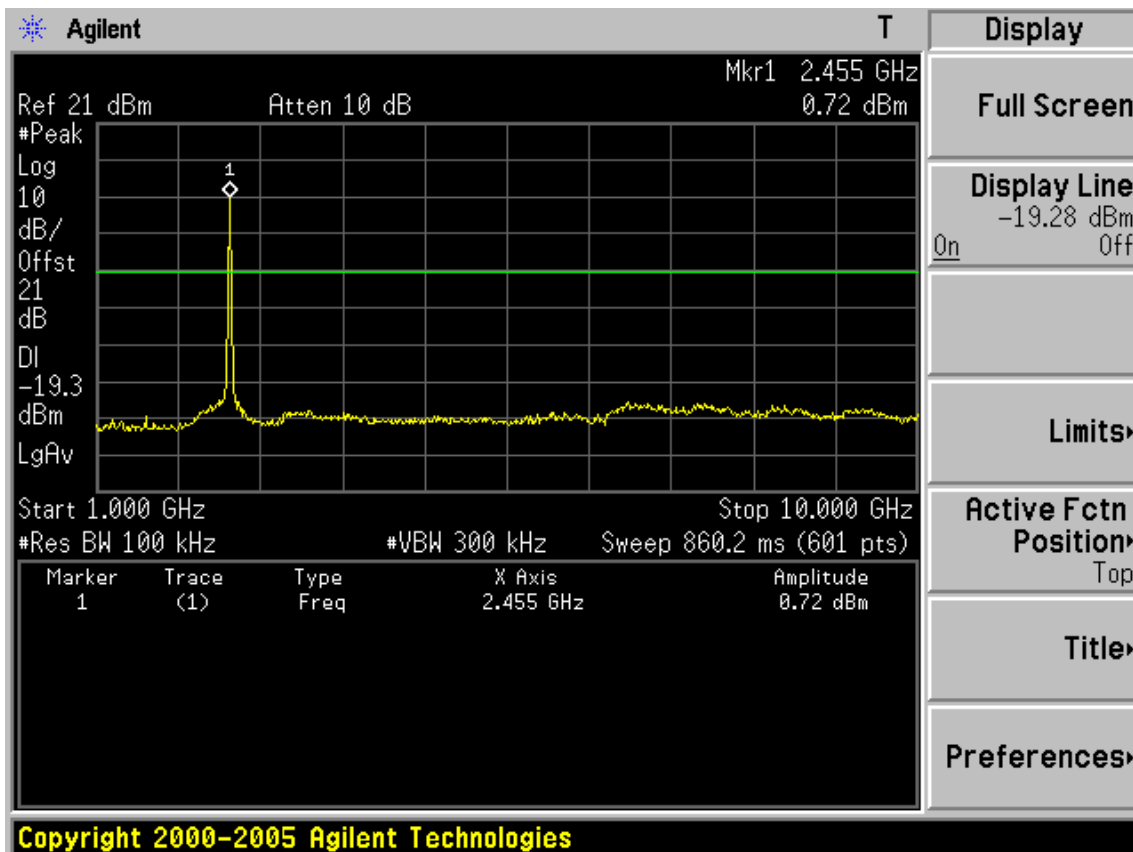
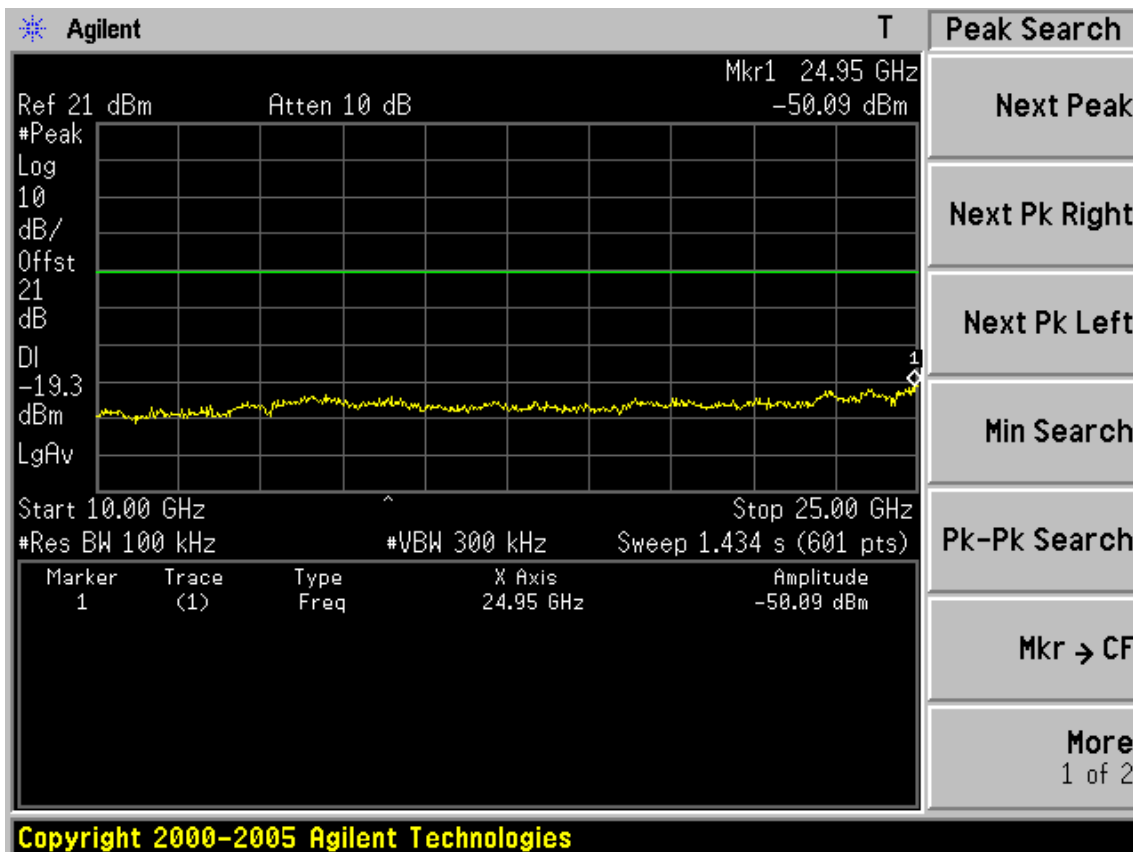
Test CH11: 2462MHz



Copyright 2000-2005 Agilent Technologies

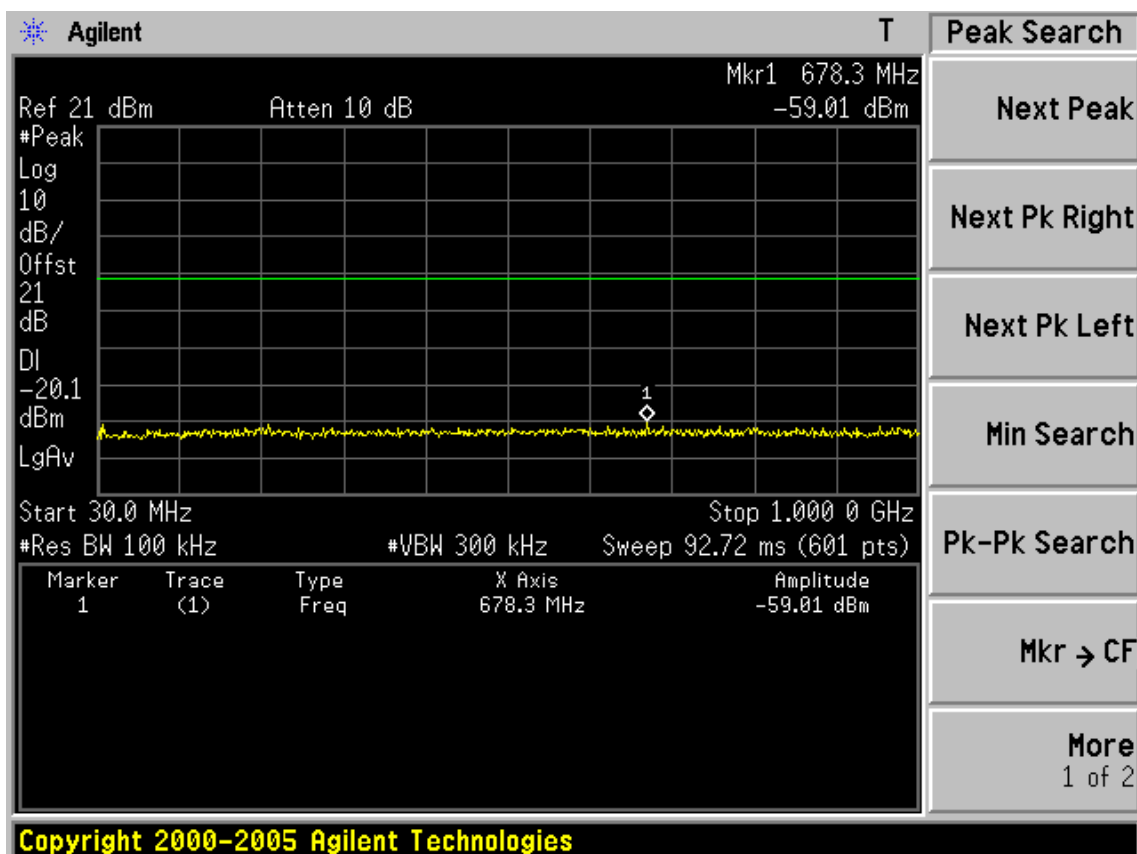
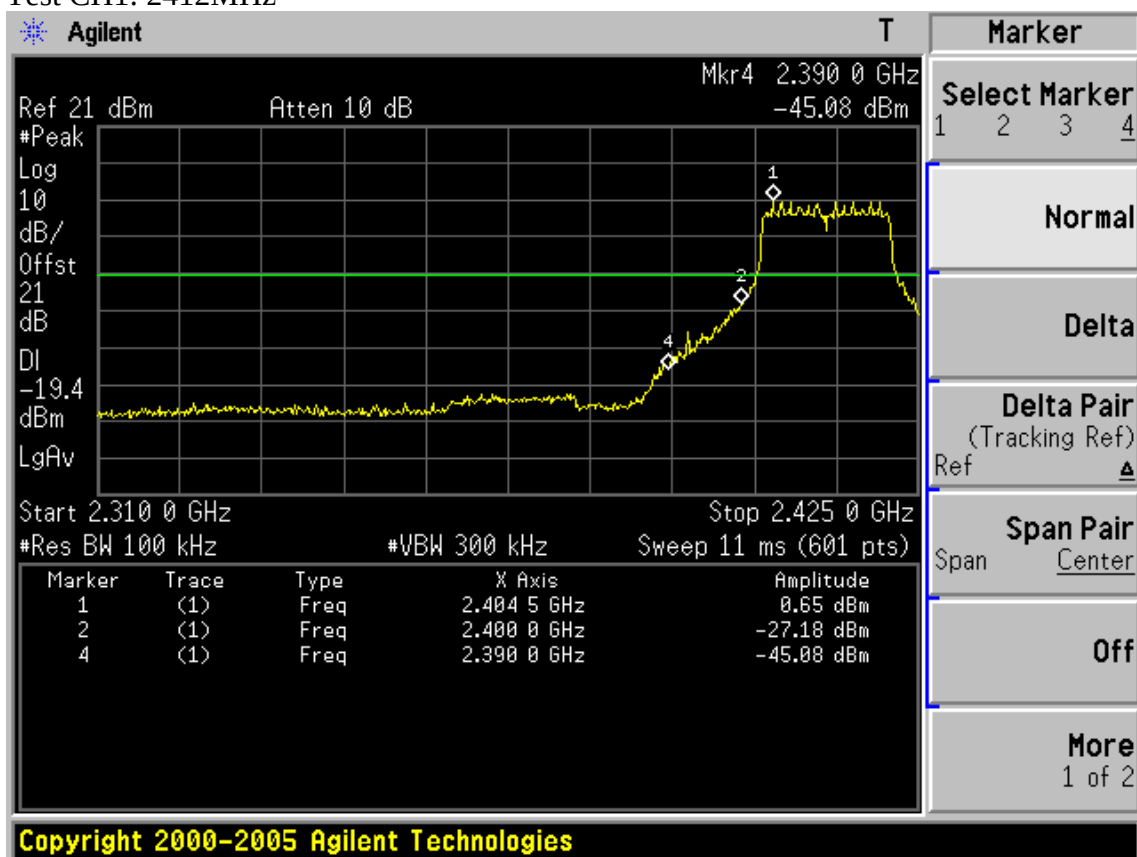


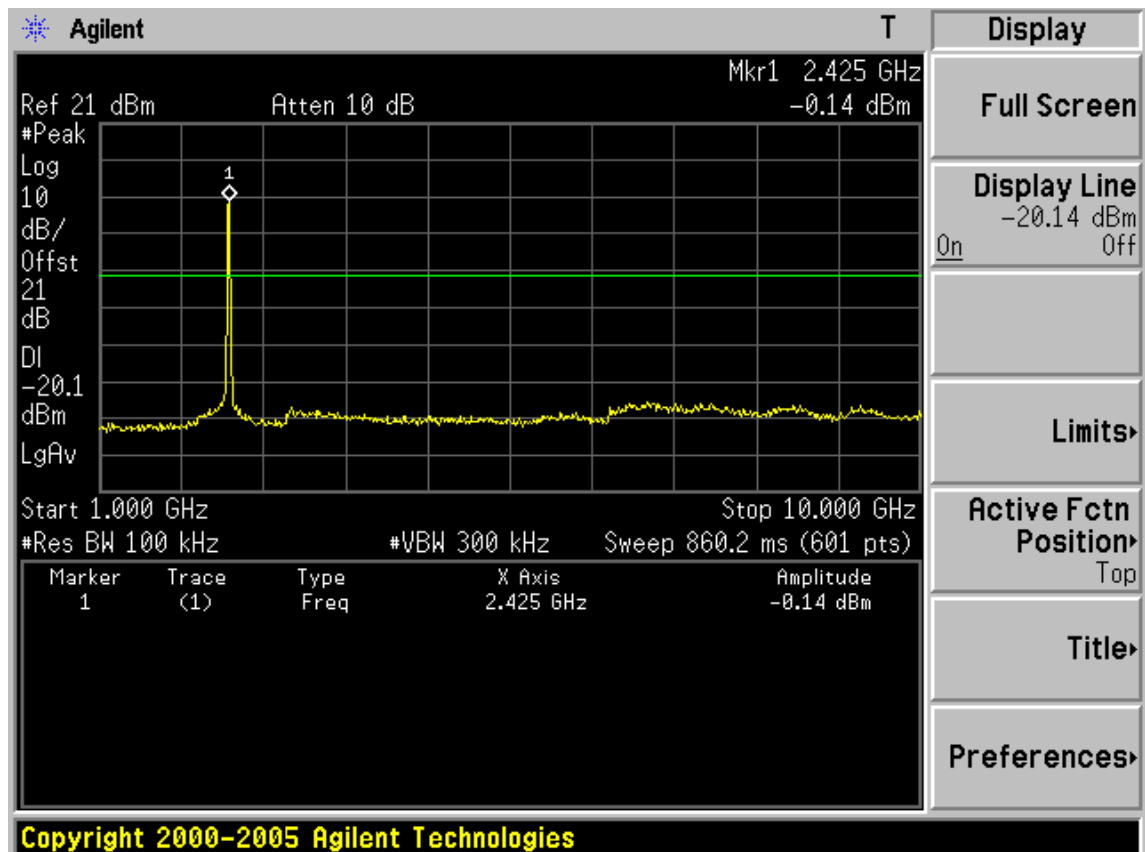
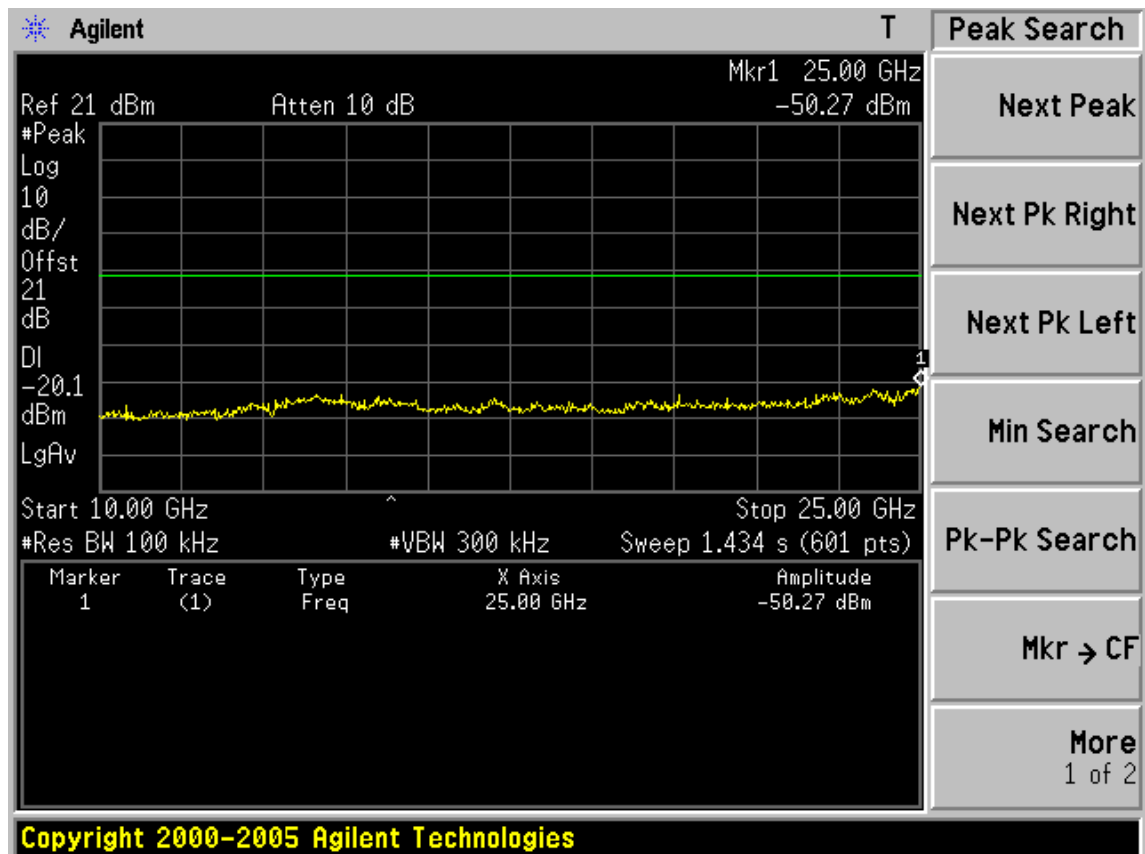
Copyright 2000-2005 Agilent Technologies



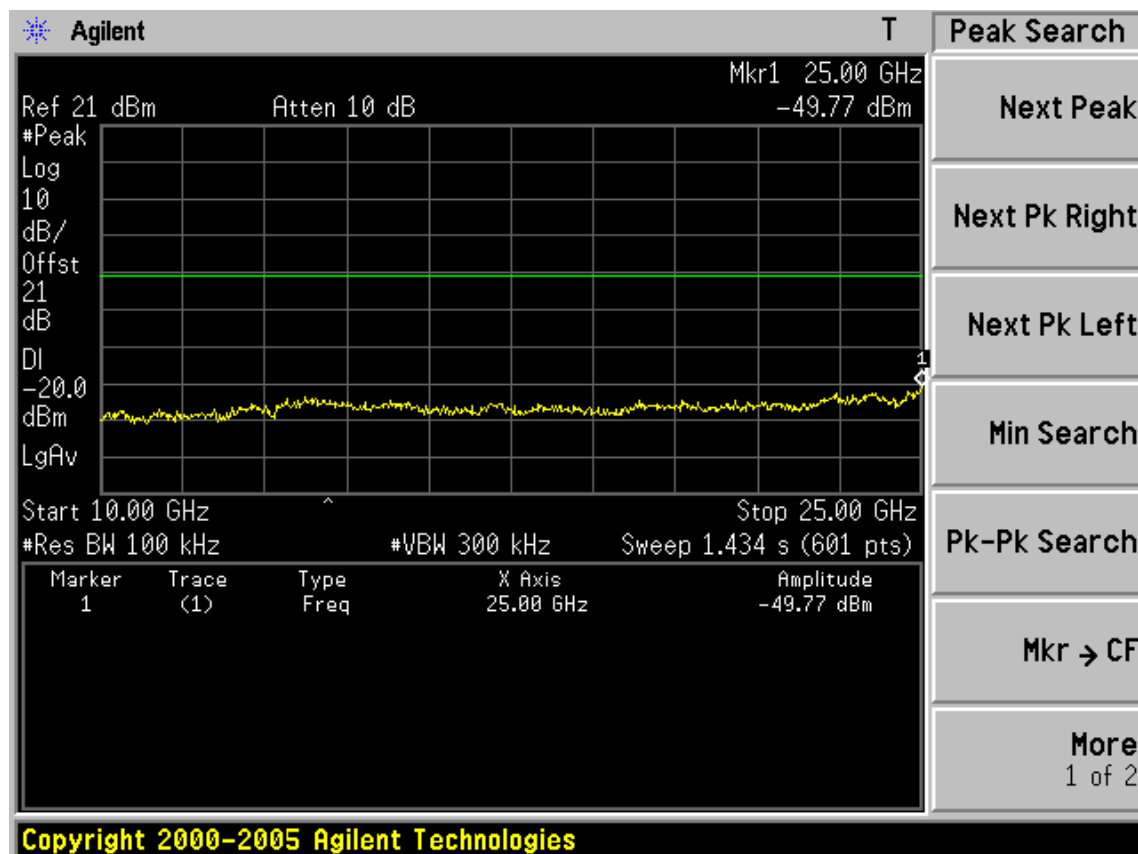
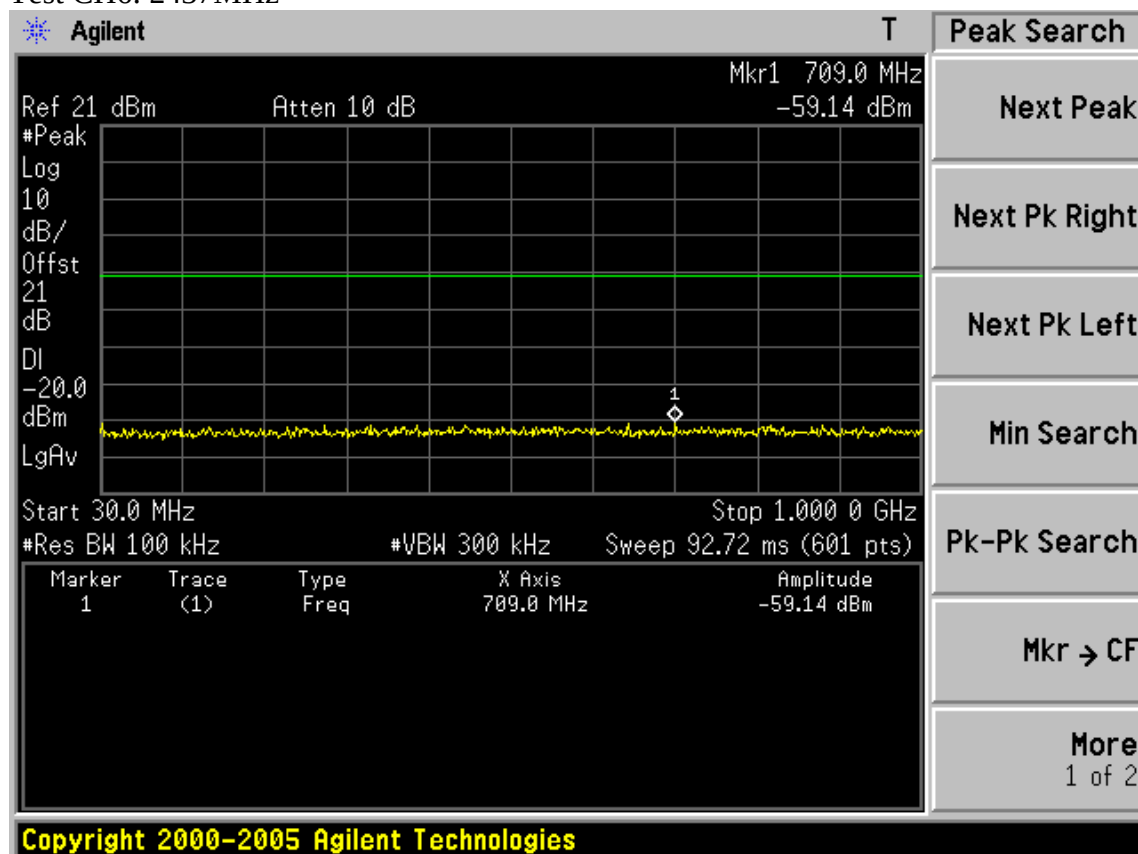
Test Mode: IEEE 11nTH20

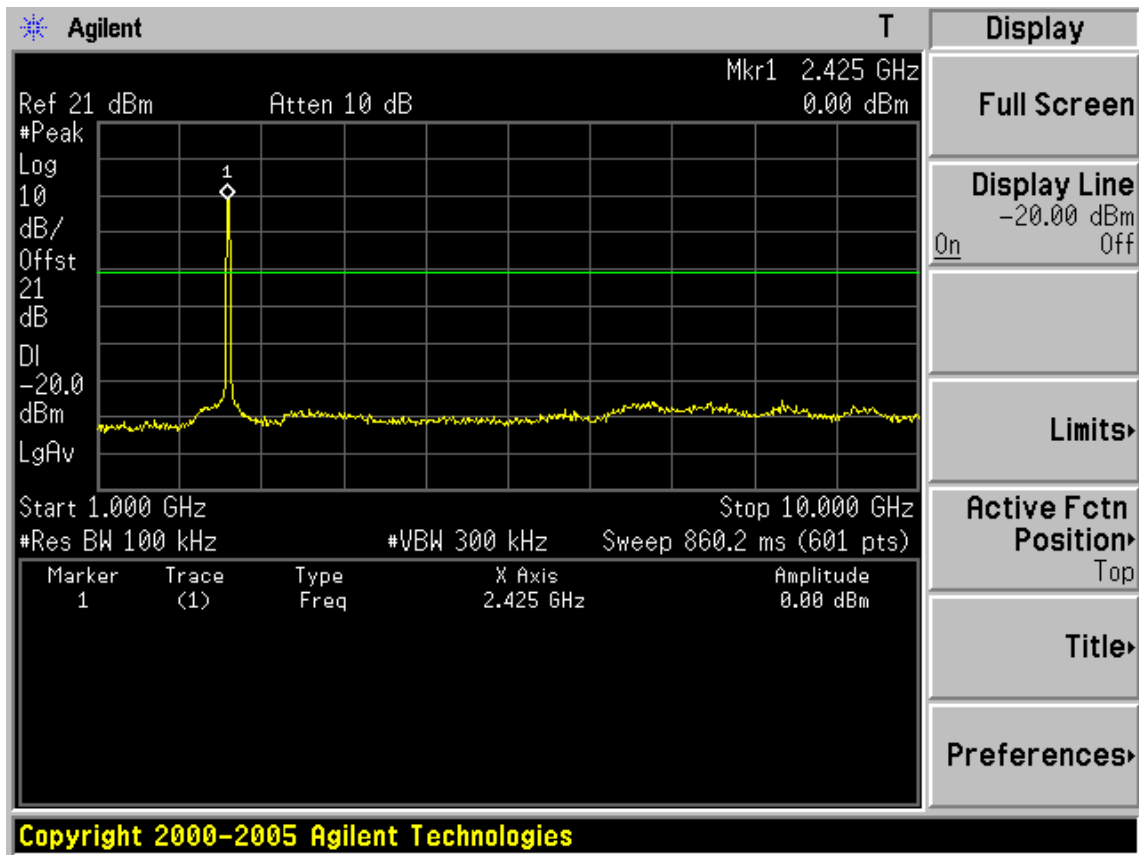
Test CH1: 2412MHz



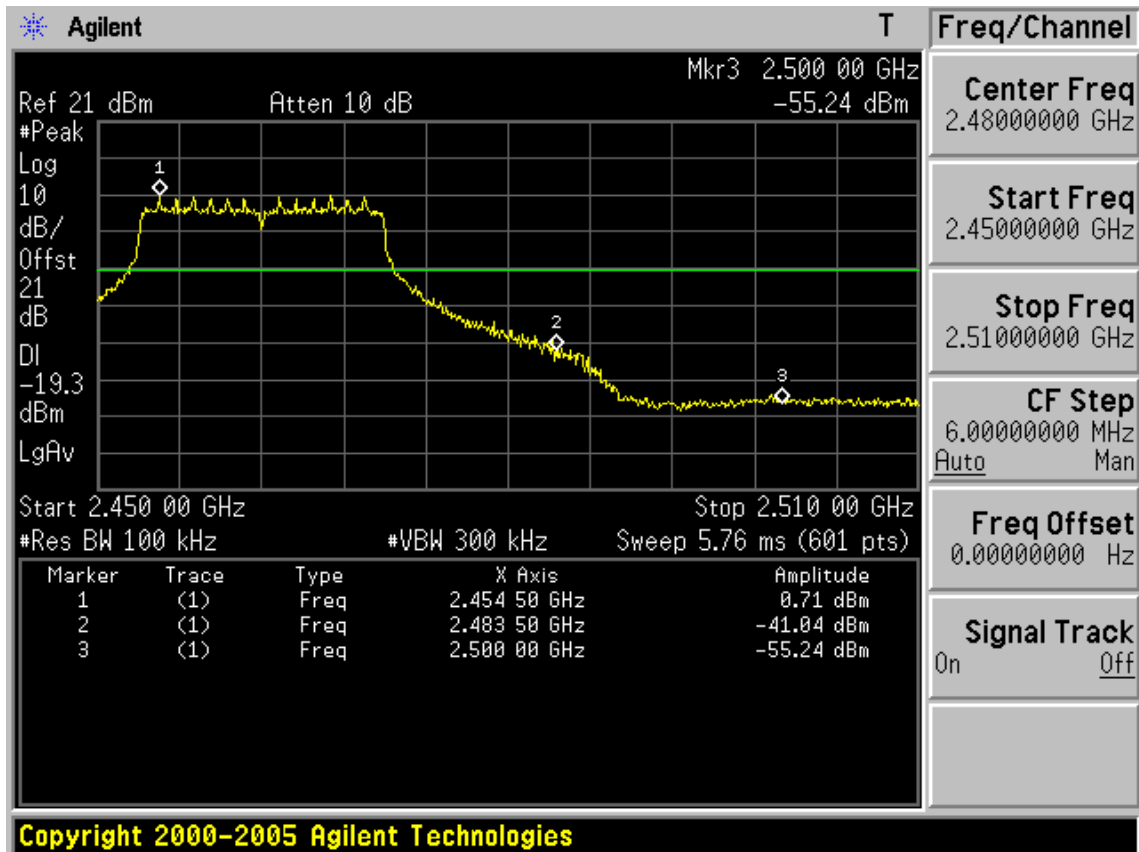


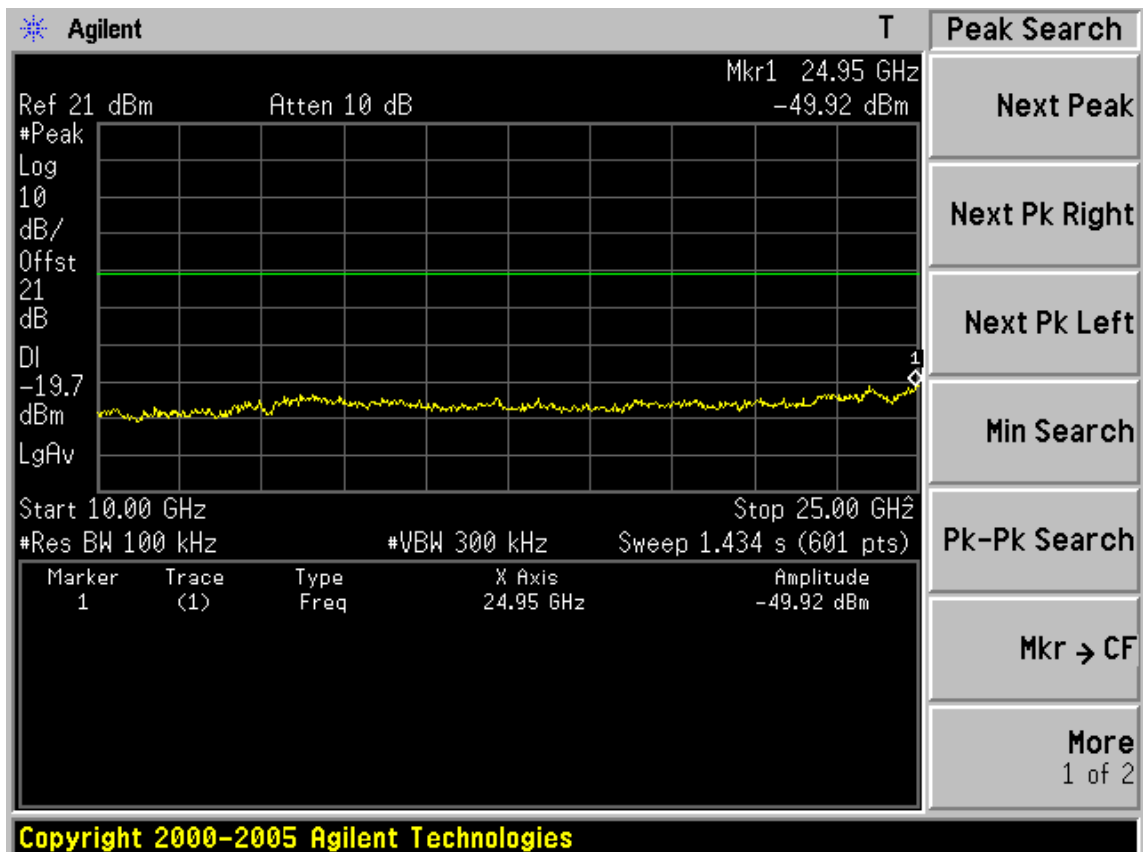
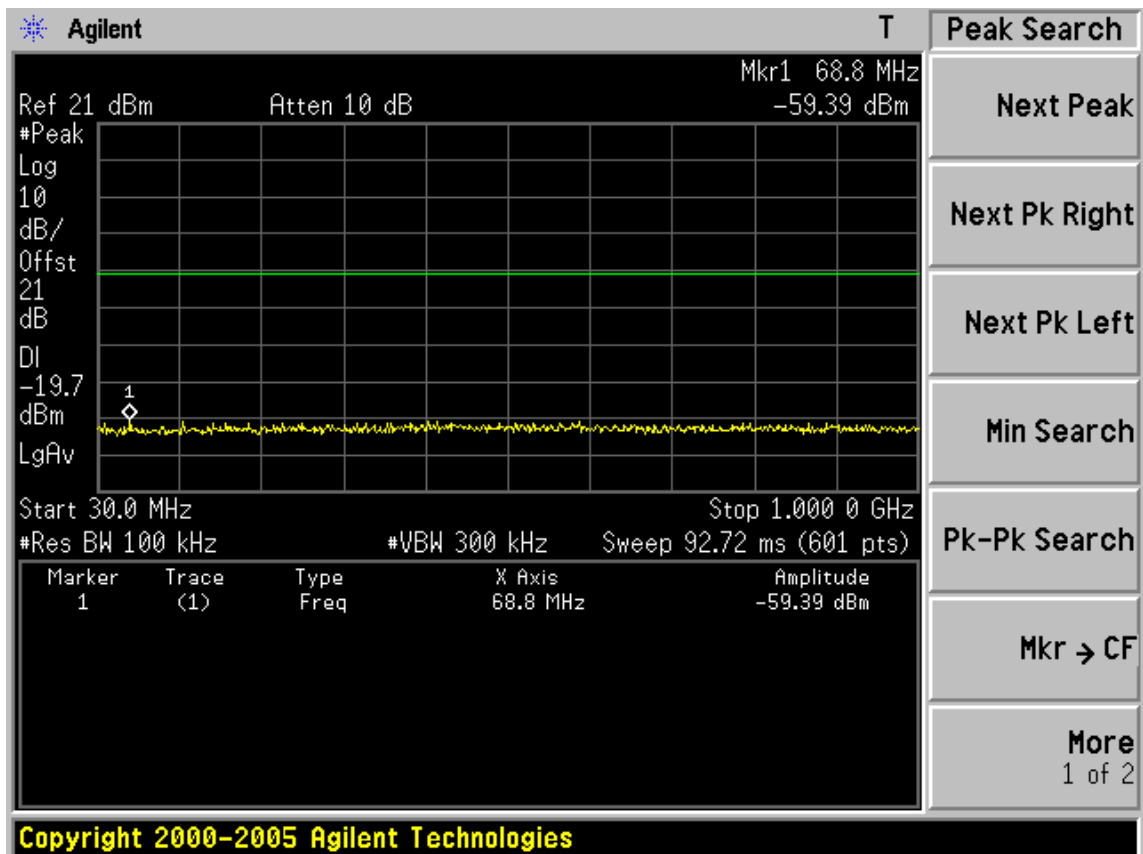
Test CH6: 2437MHz

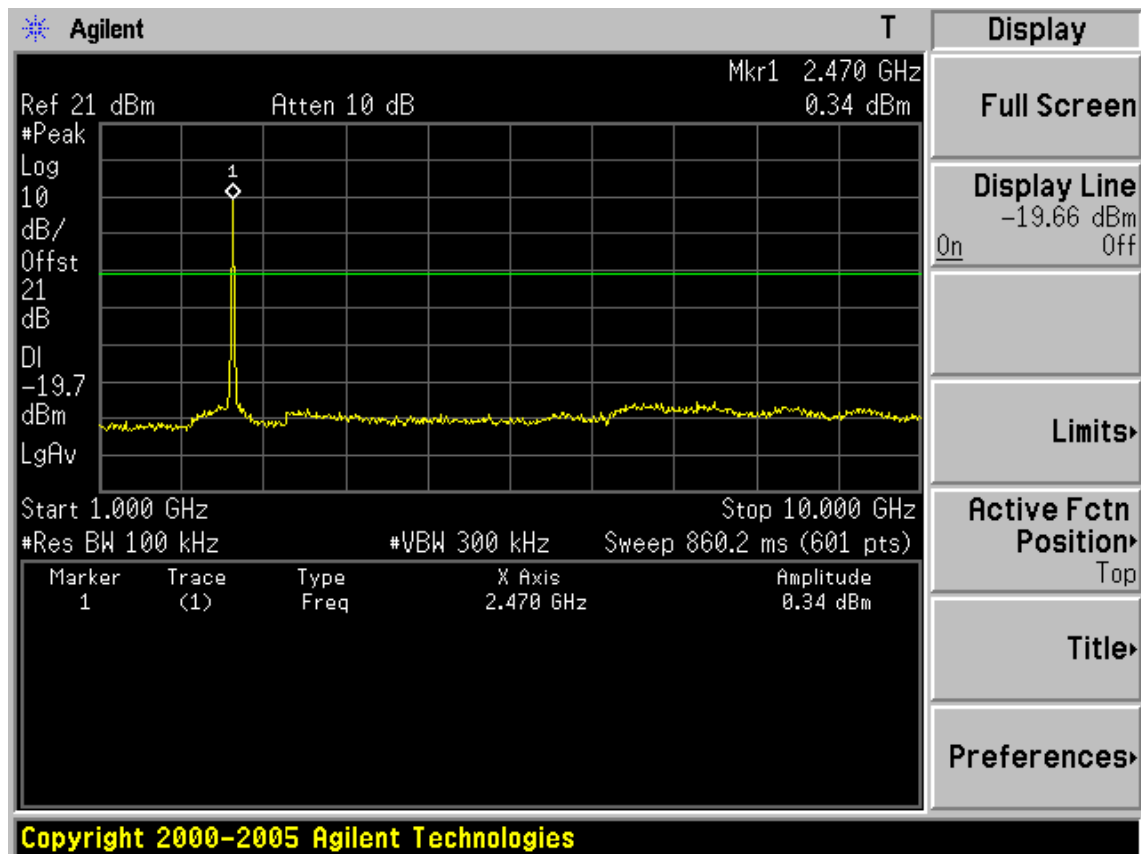




Test CH11: 2462MHz

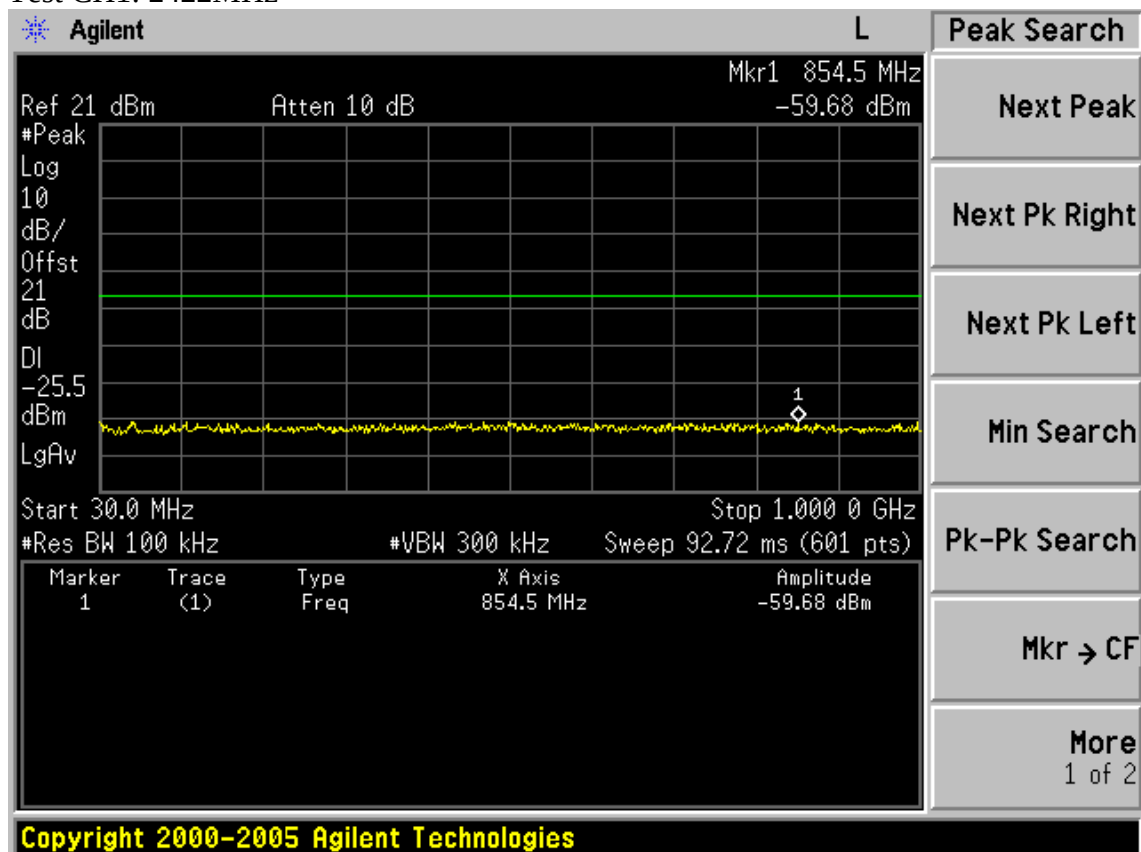


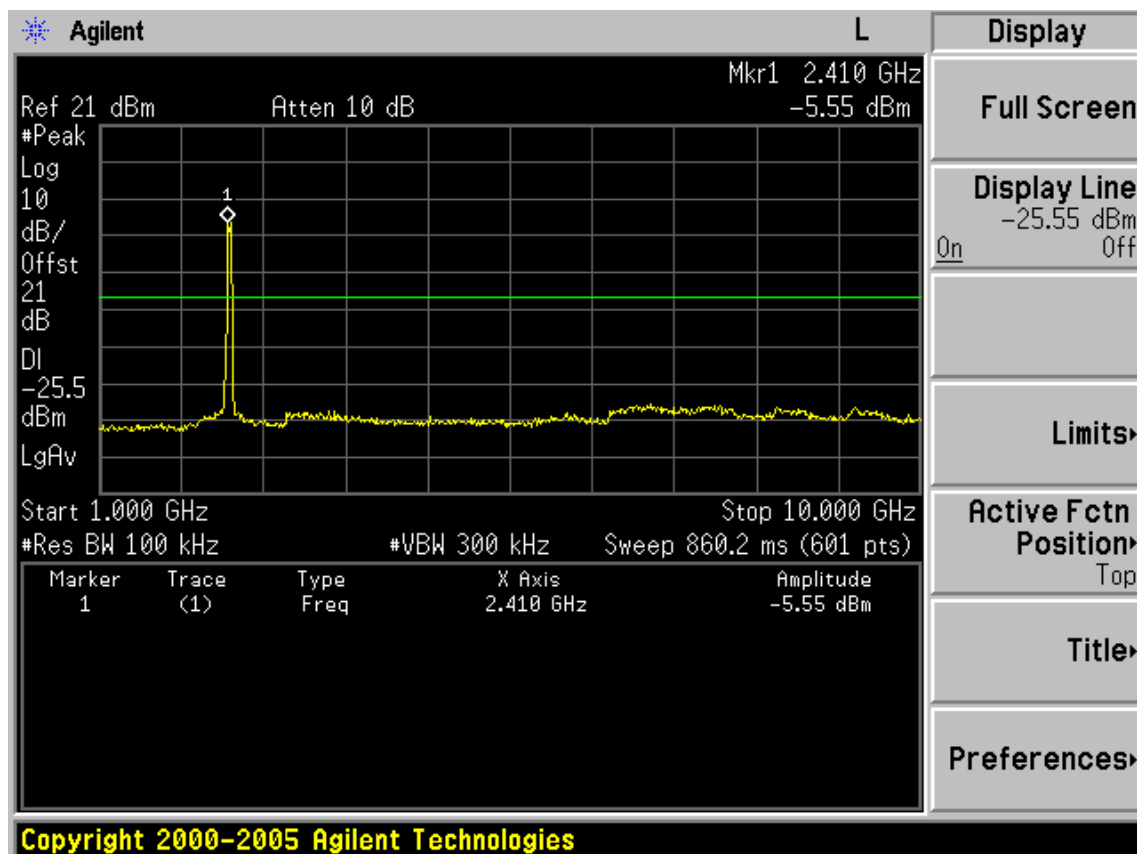
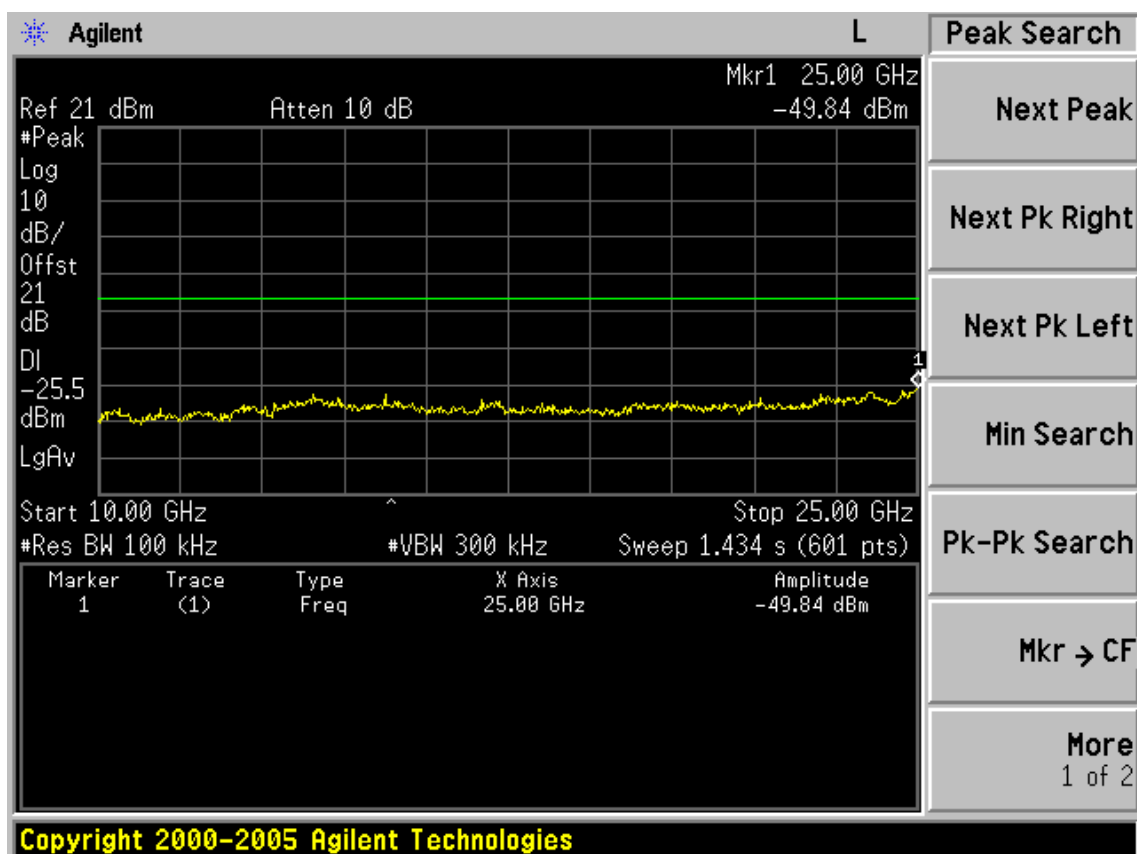


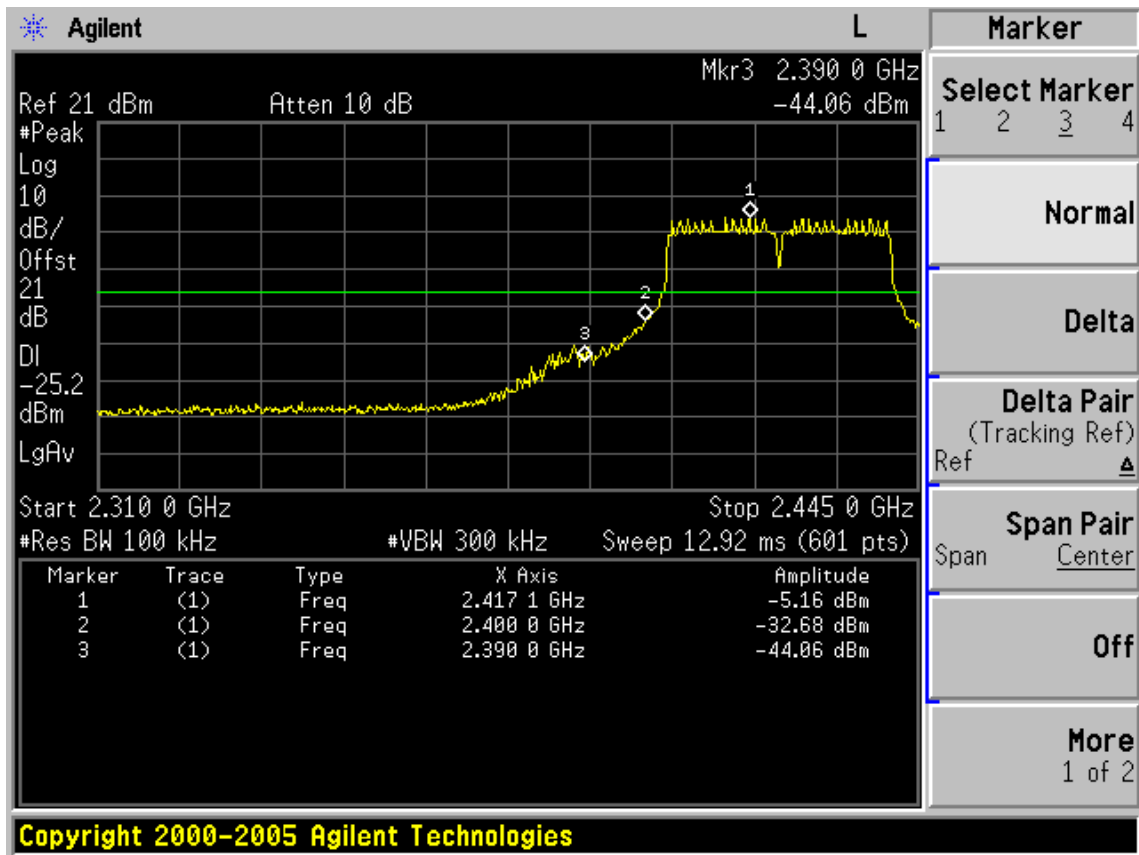


Test Mode: IEEE 11nTH40

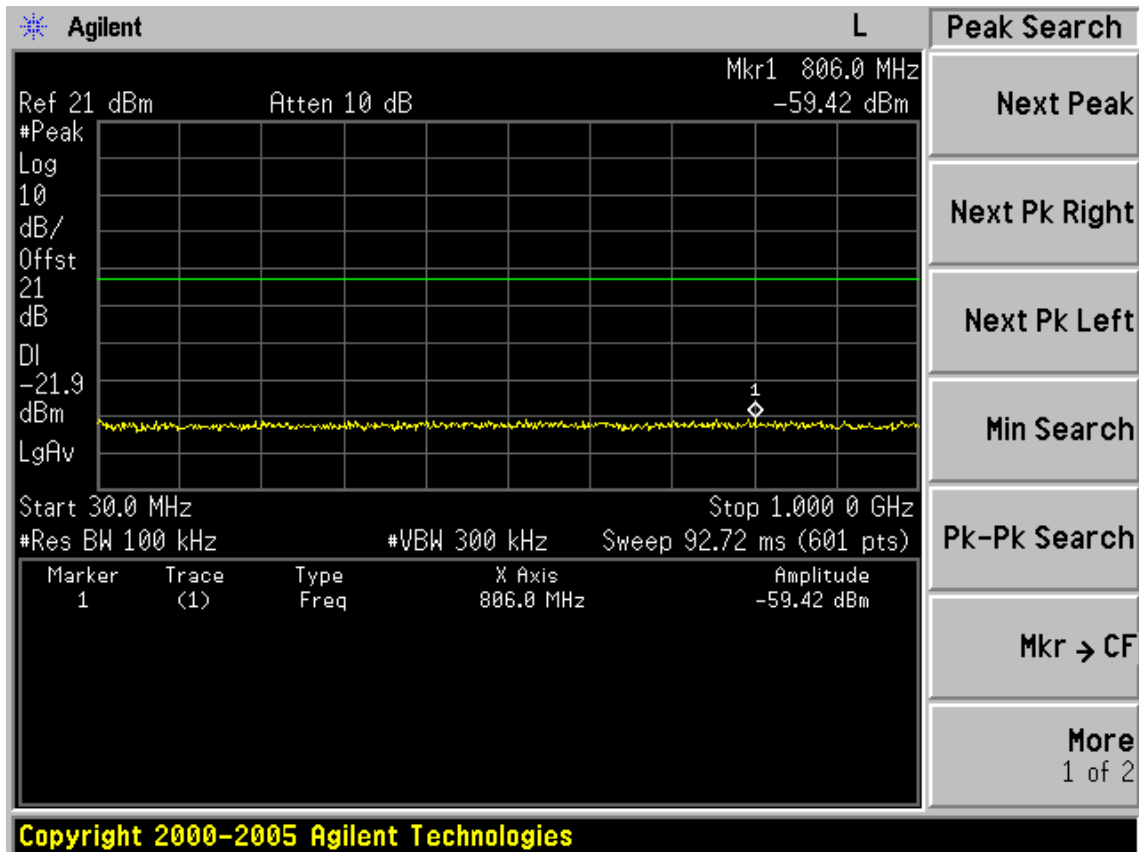
Test CH1: 2422MHz

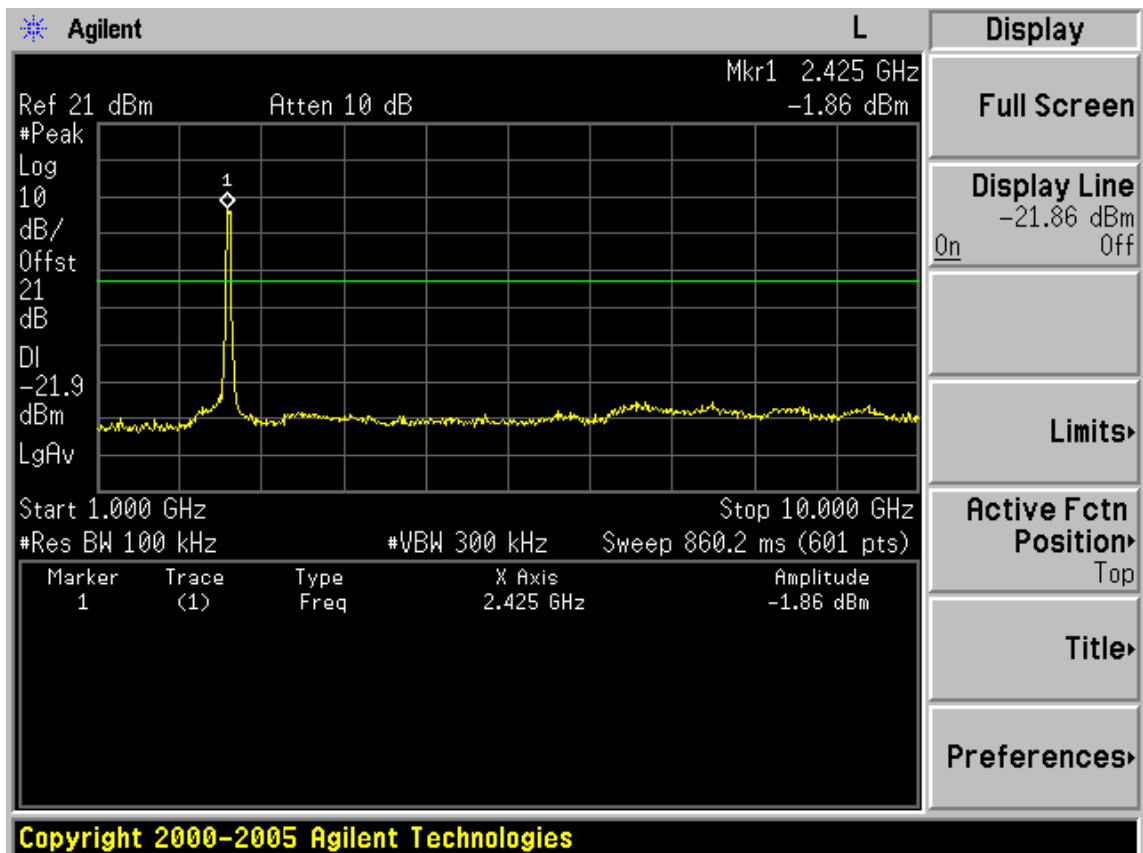
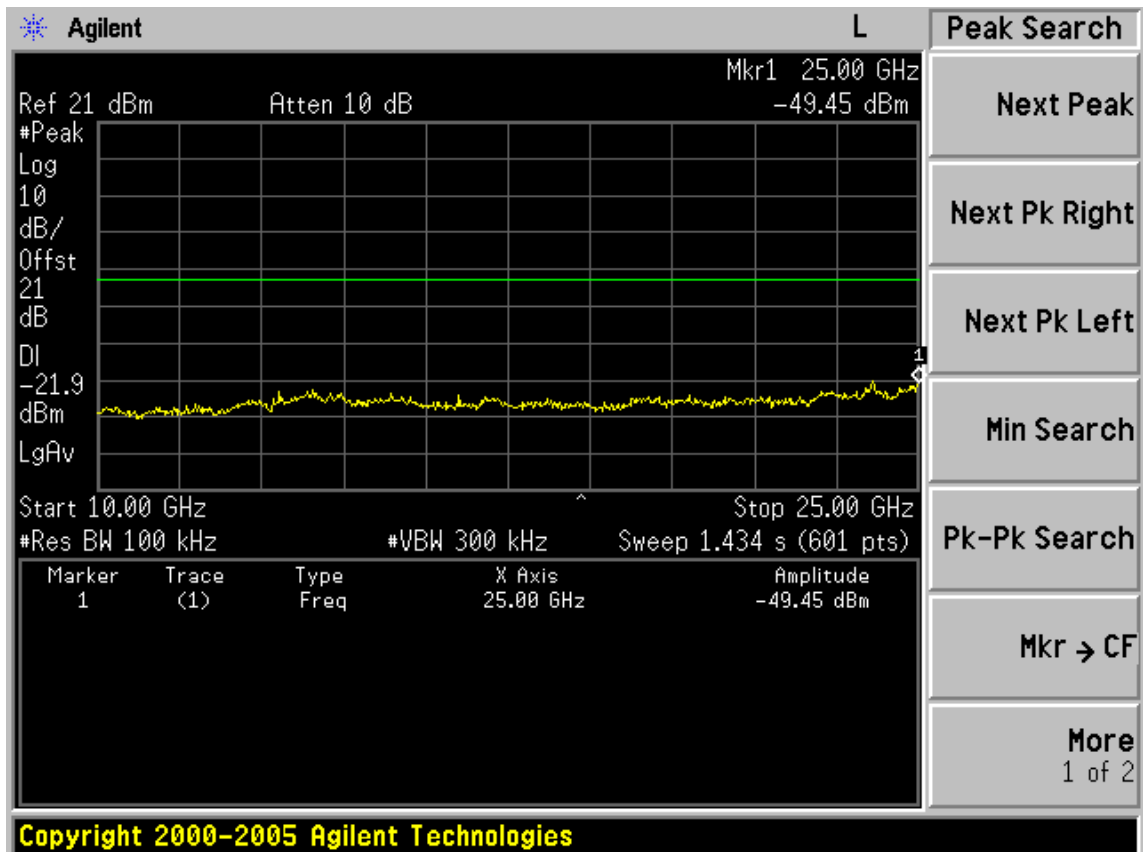




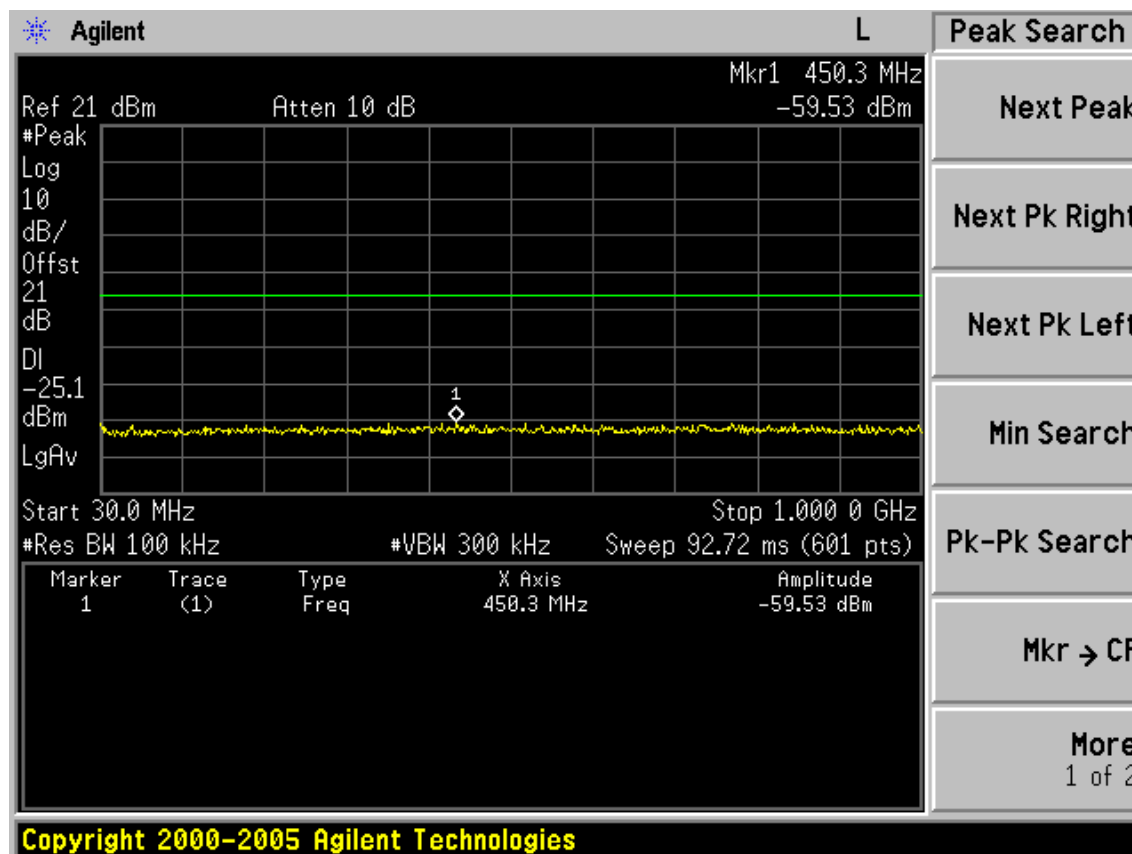
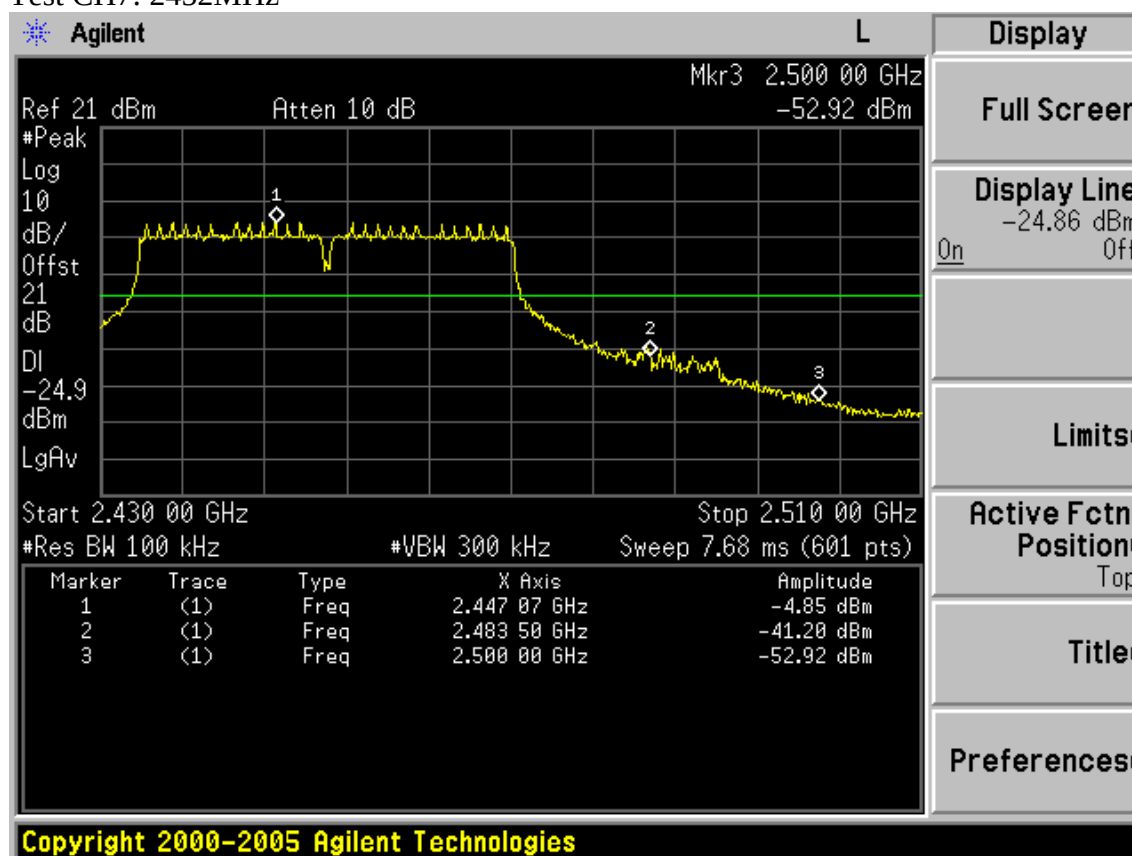


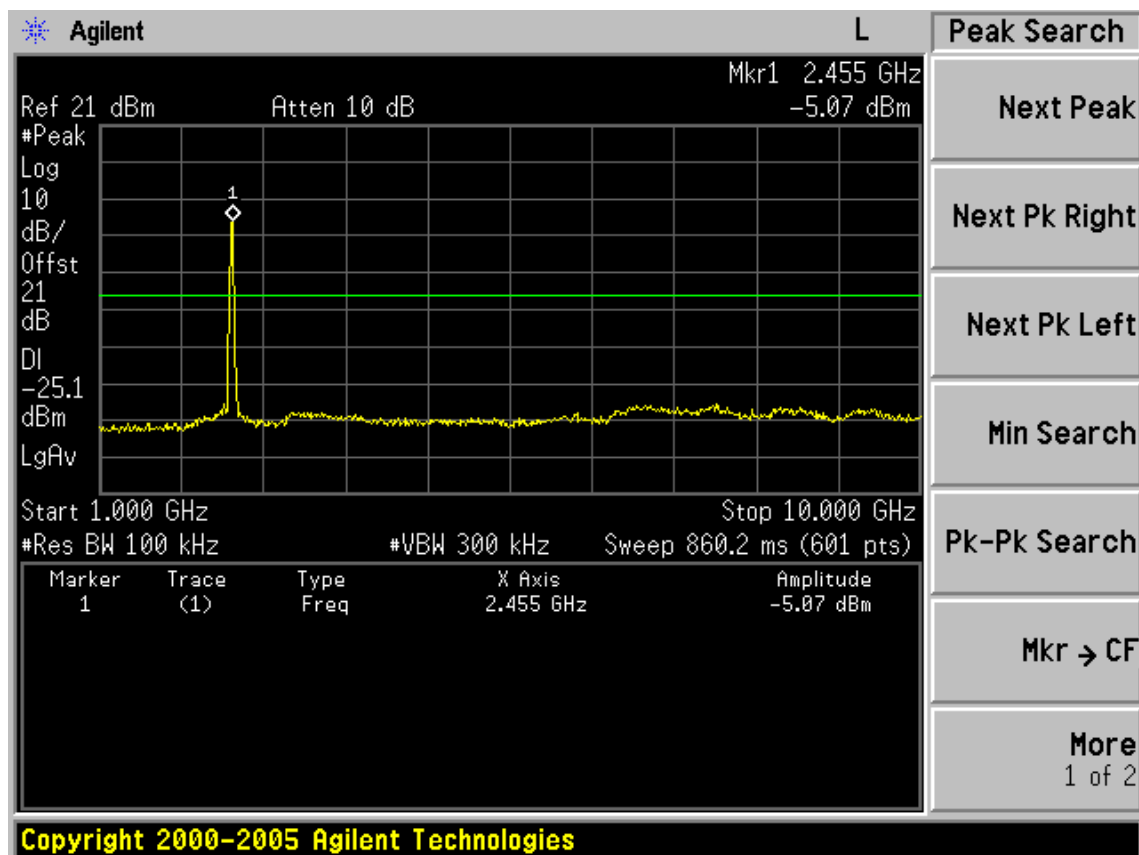
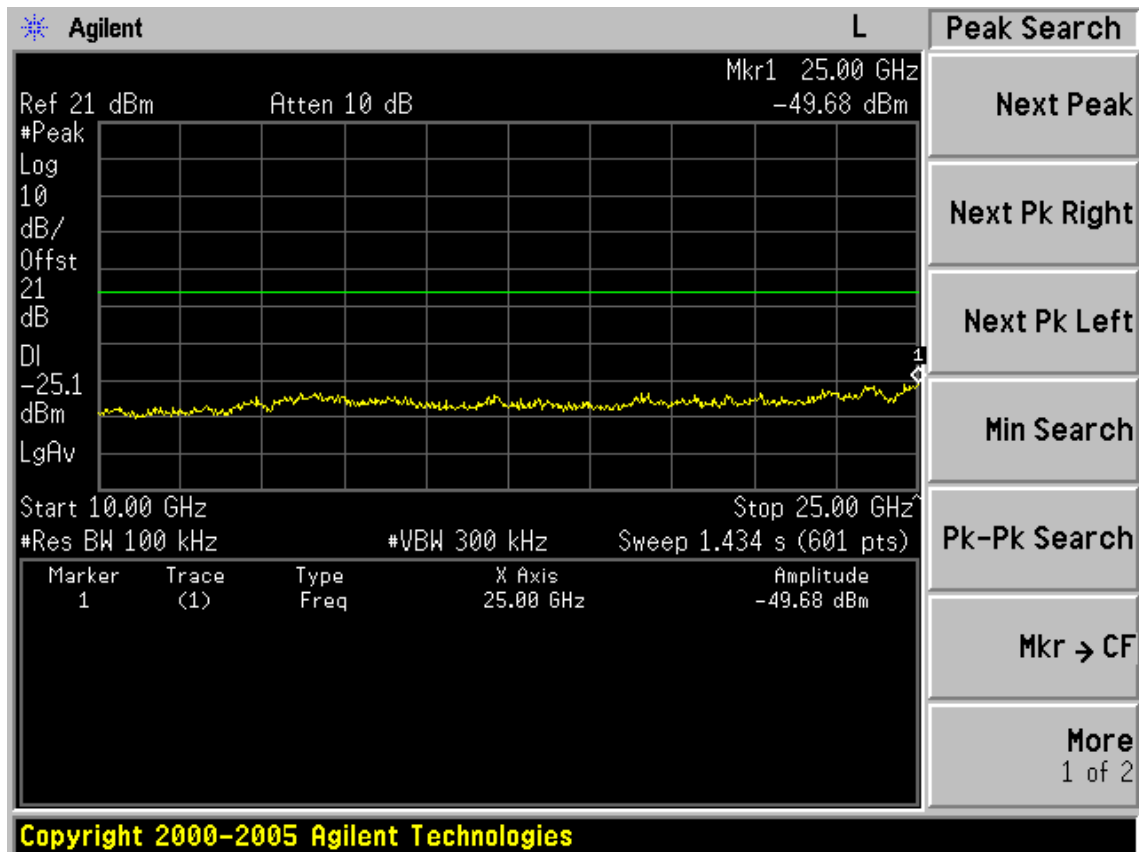
Test CH4: 2437MHz





Test CH7: 2452MHz

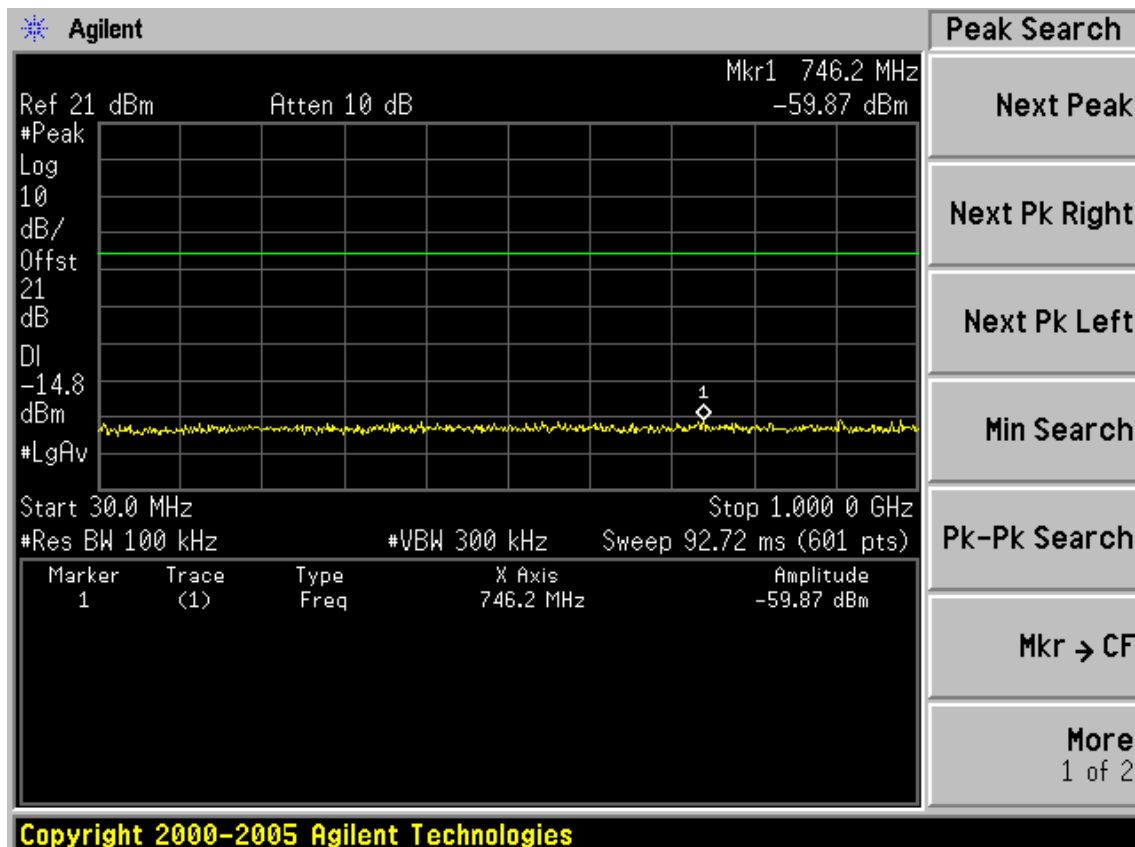
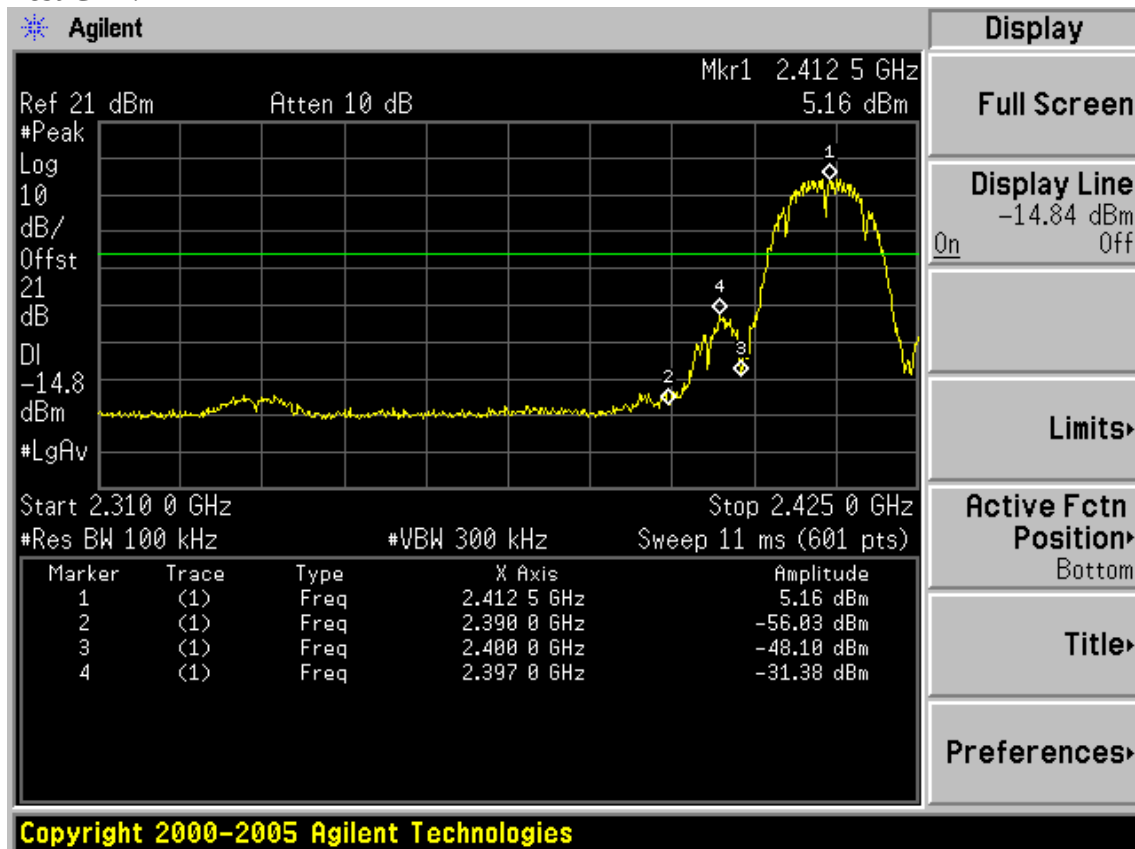


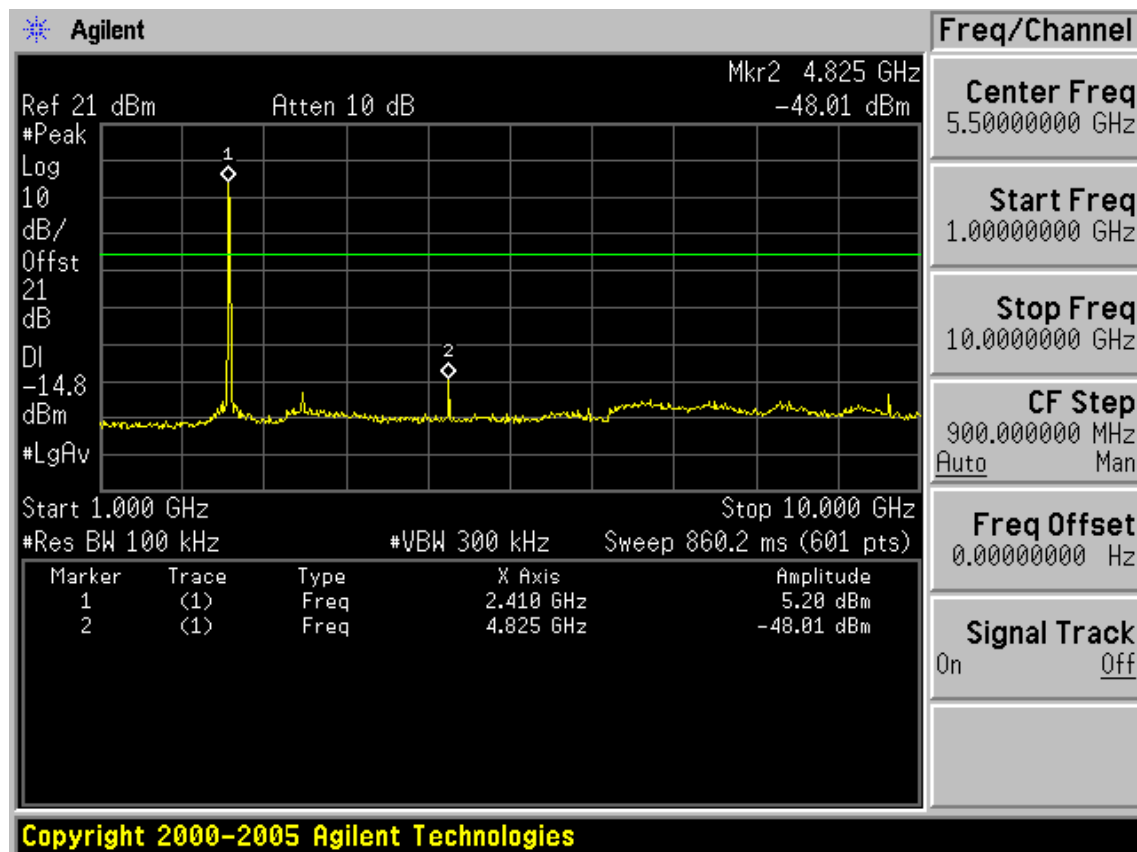
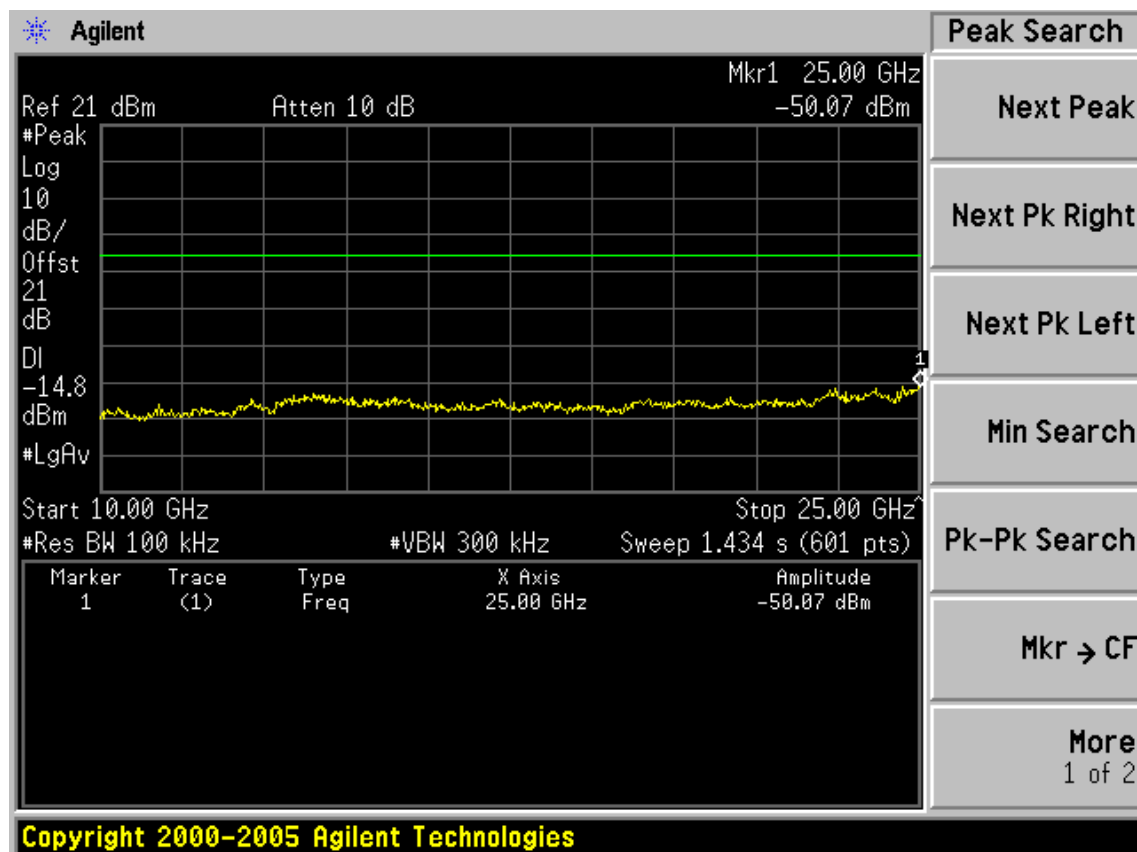


Horizontal:

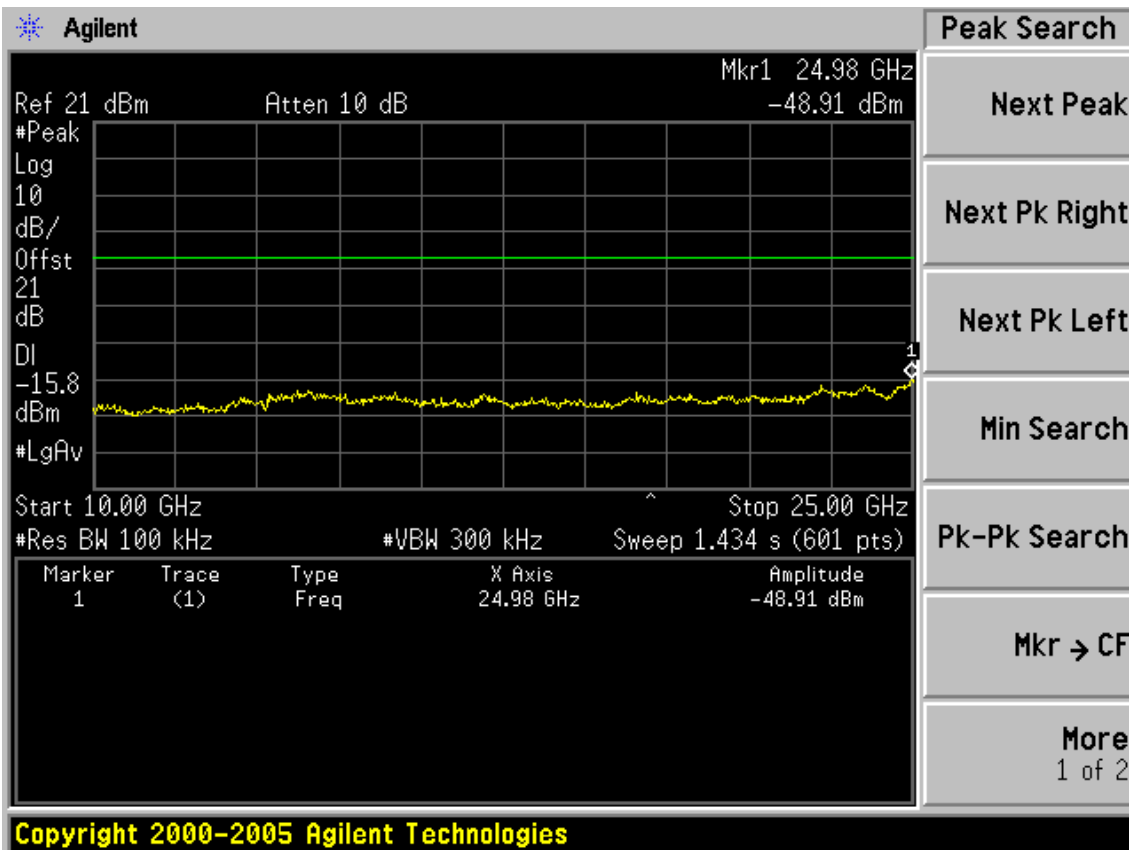
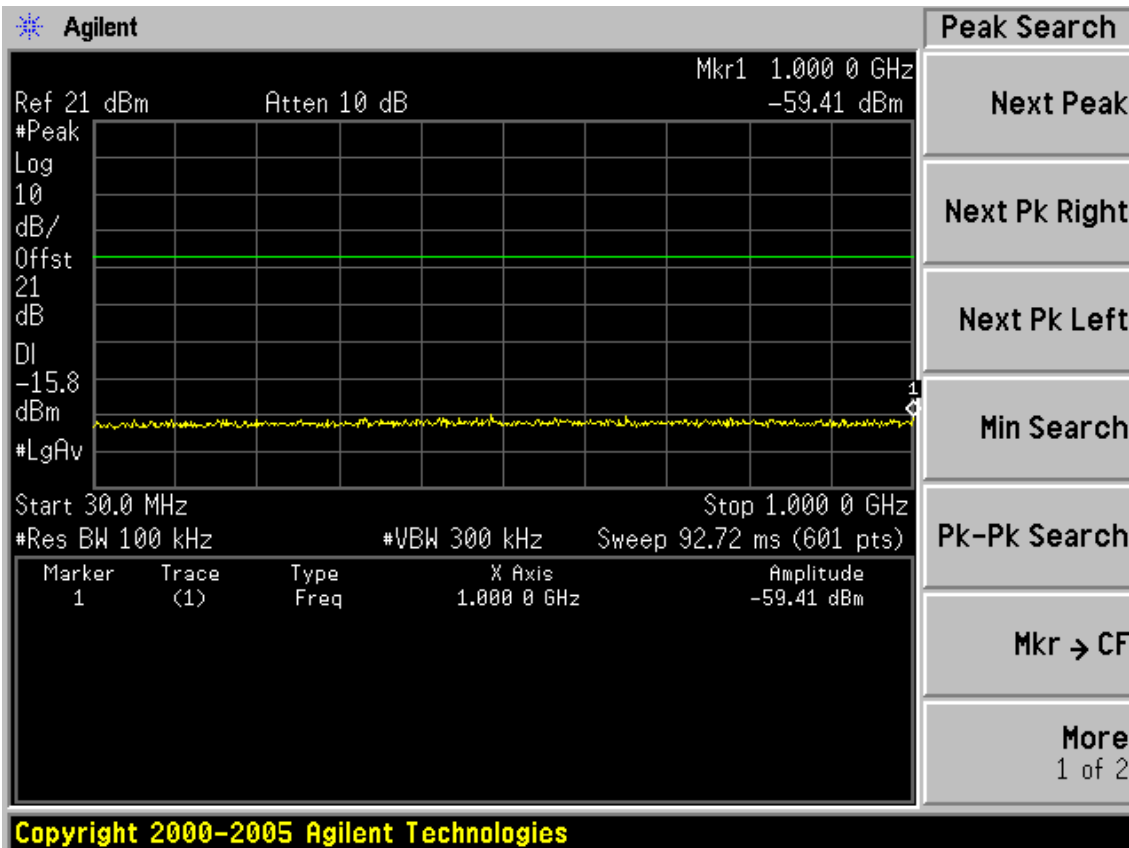
Test Mode: IEEE 802.11b TX

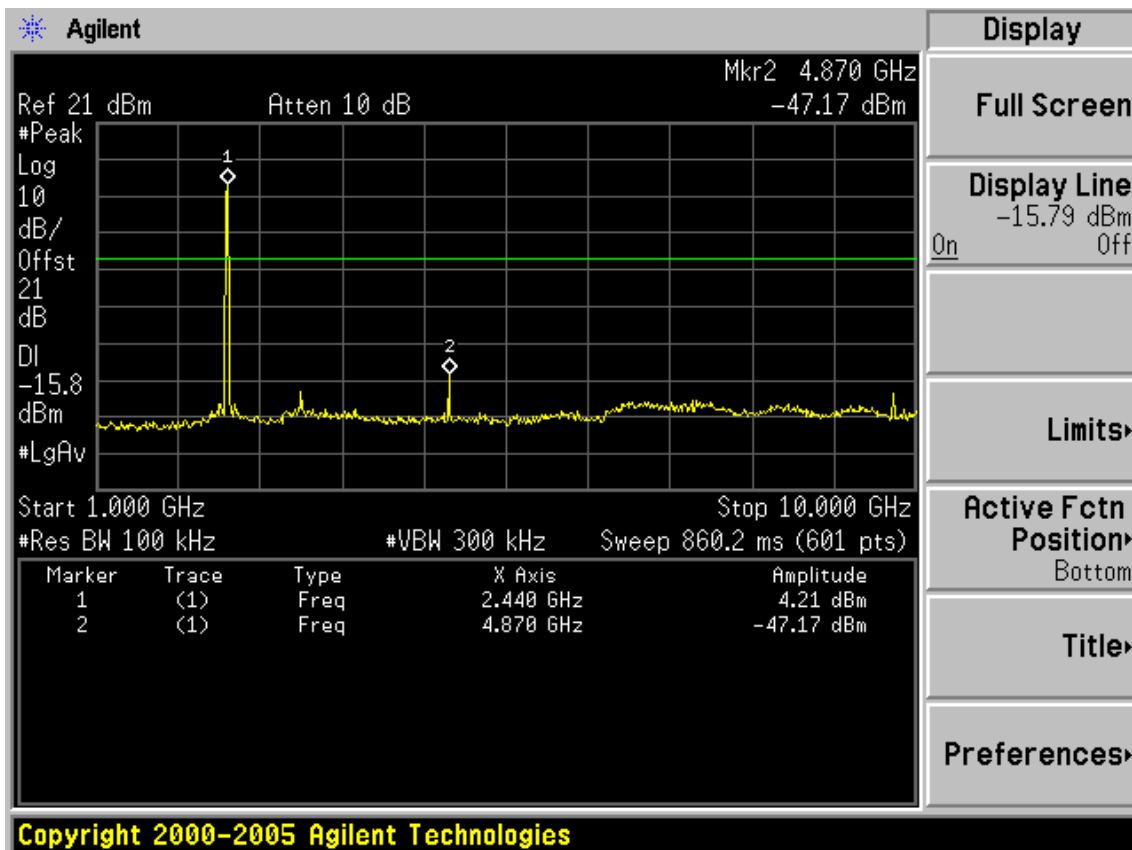
Test CH1: 2412MHz



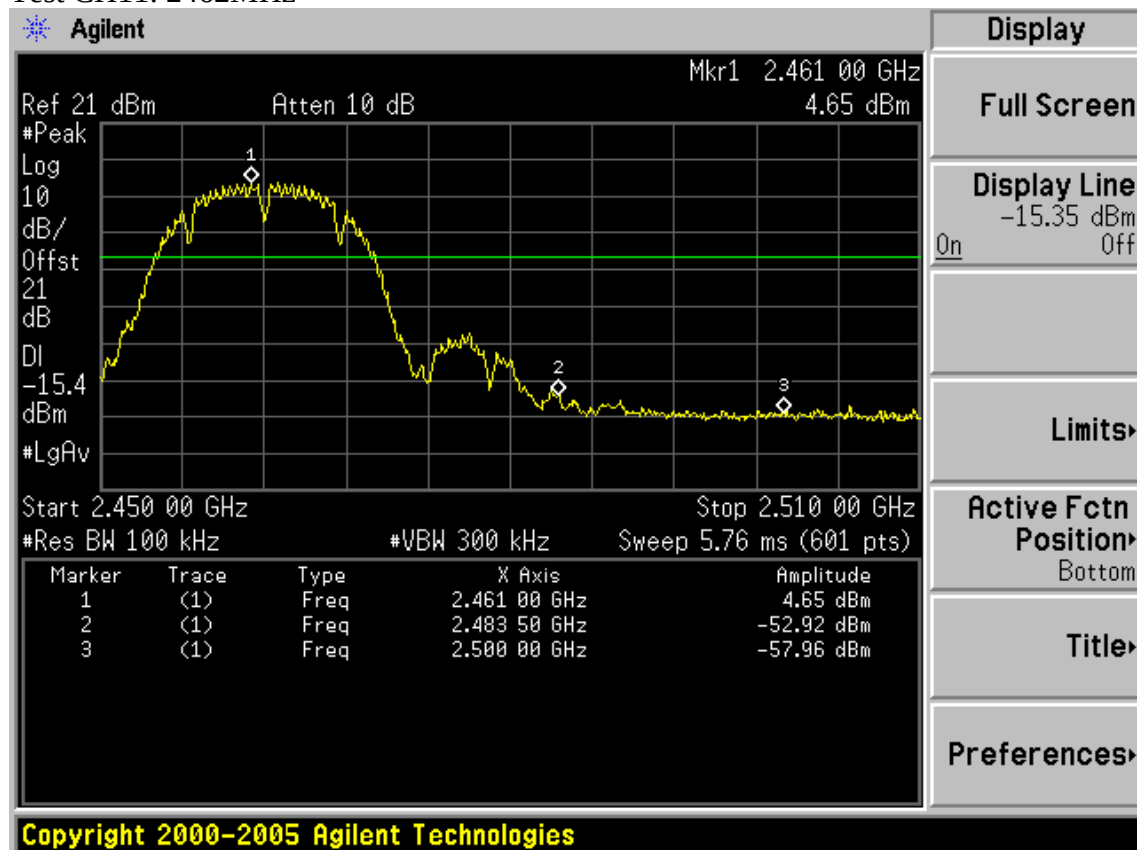


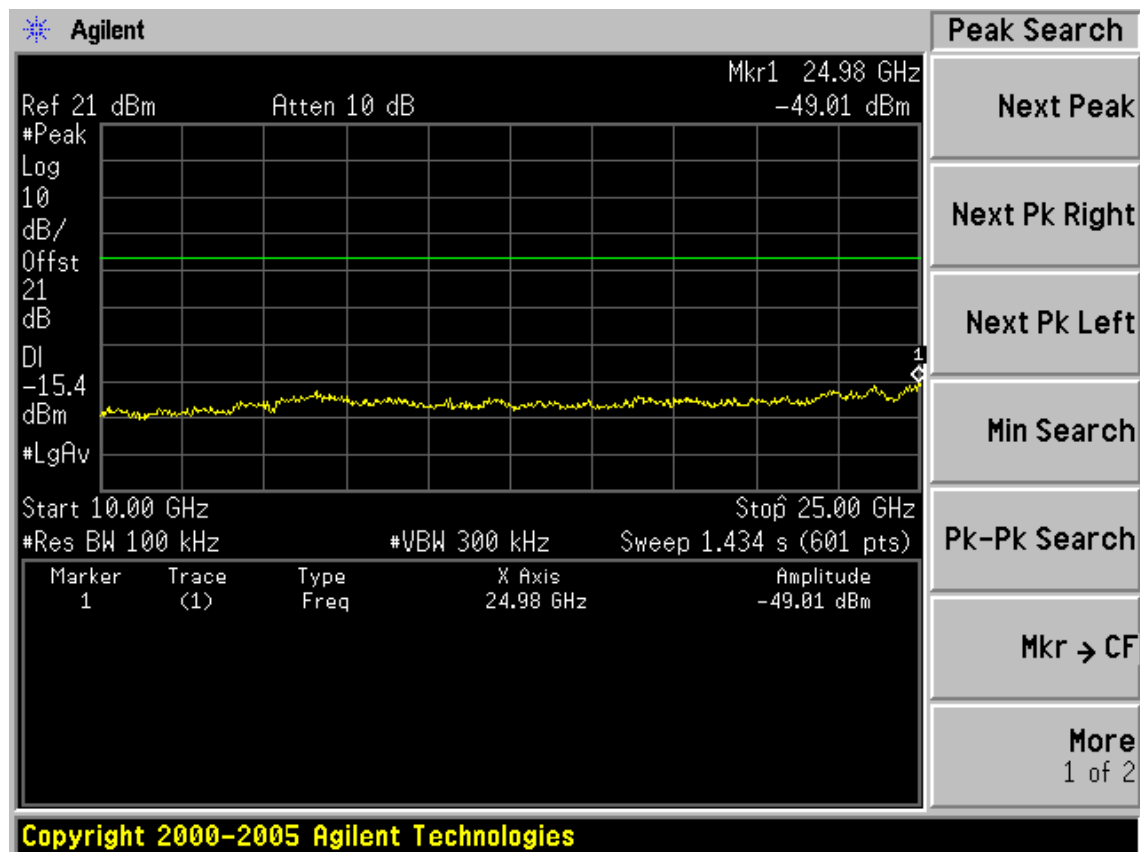
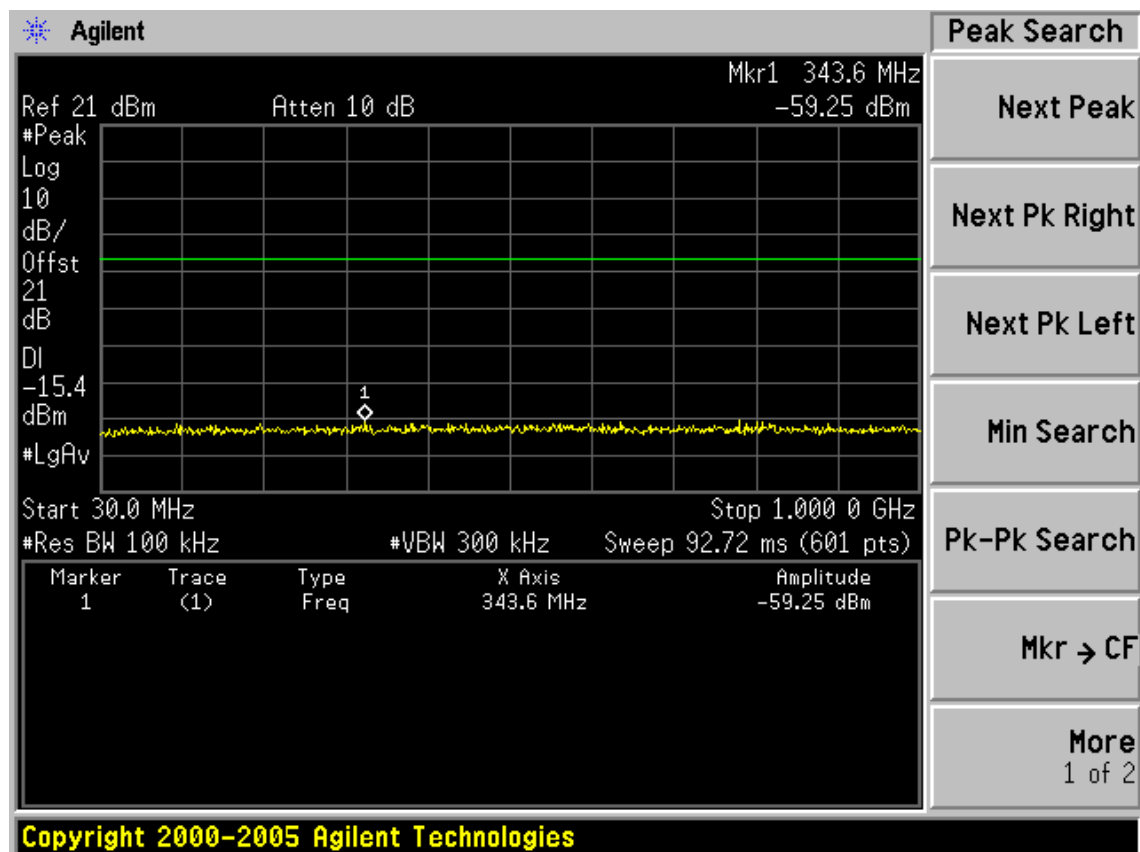
Test CH6: 2437MHz

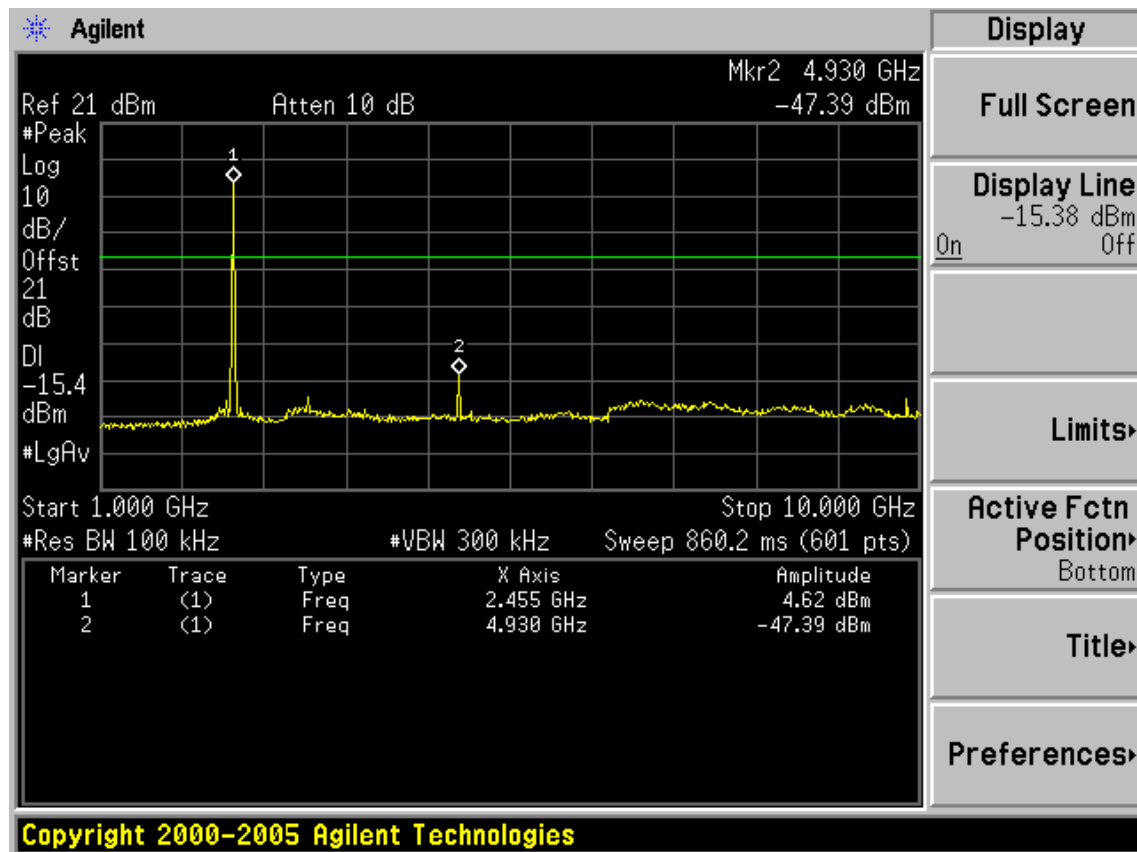




Test CH11: 2462MHz

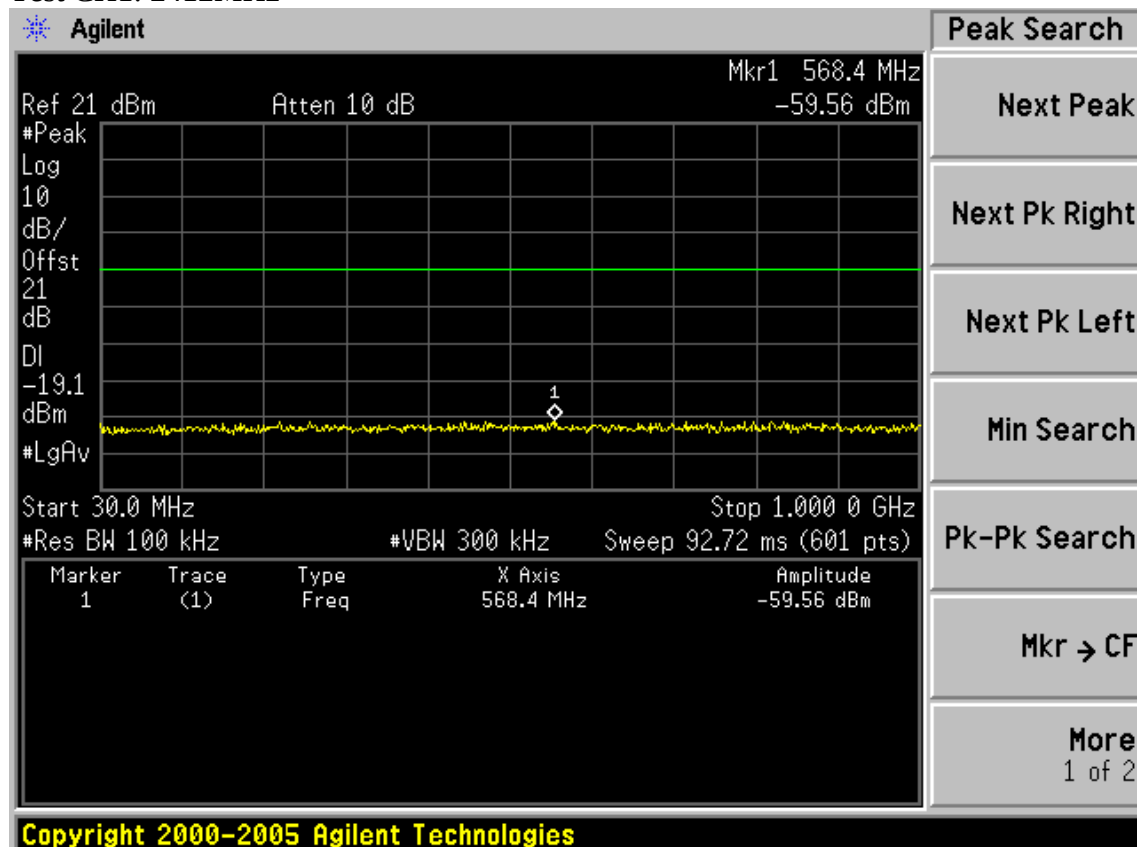


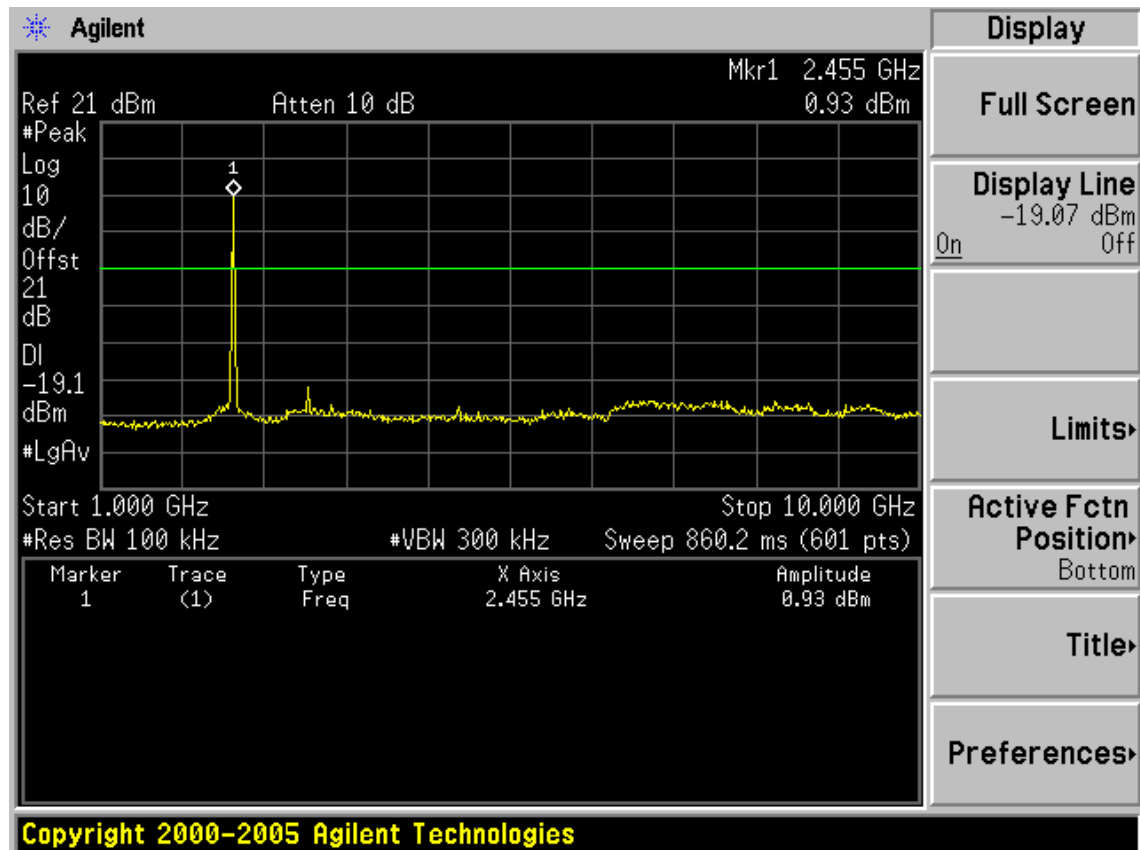
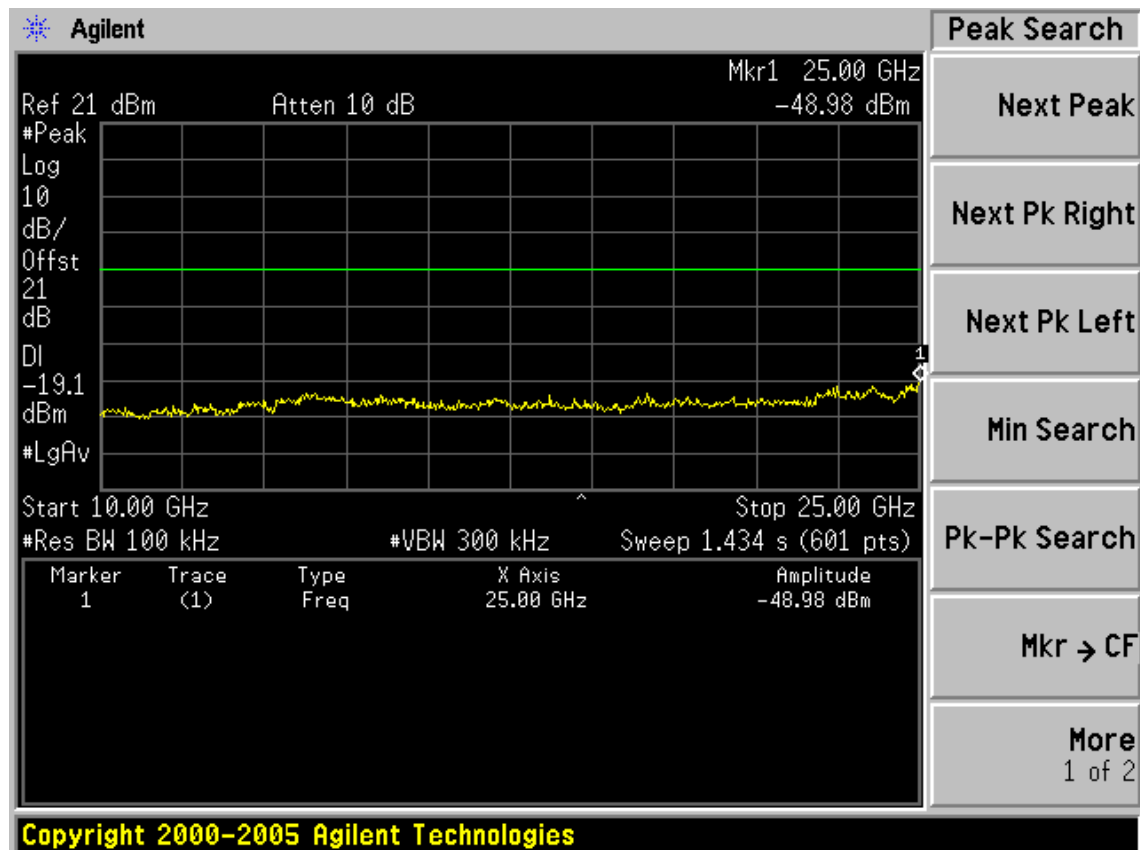


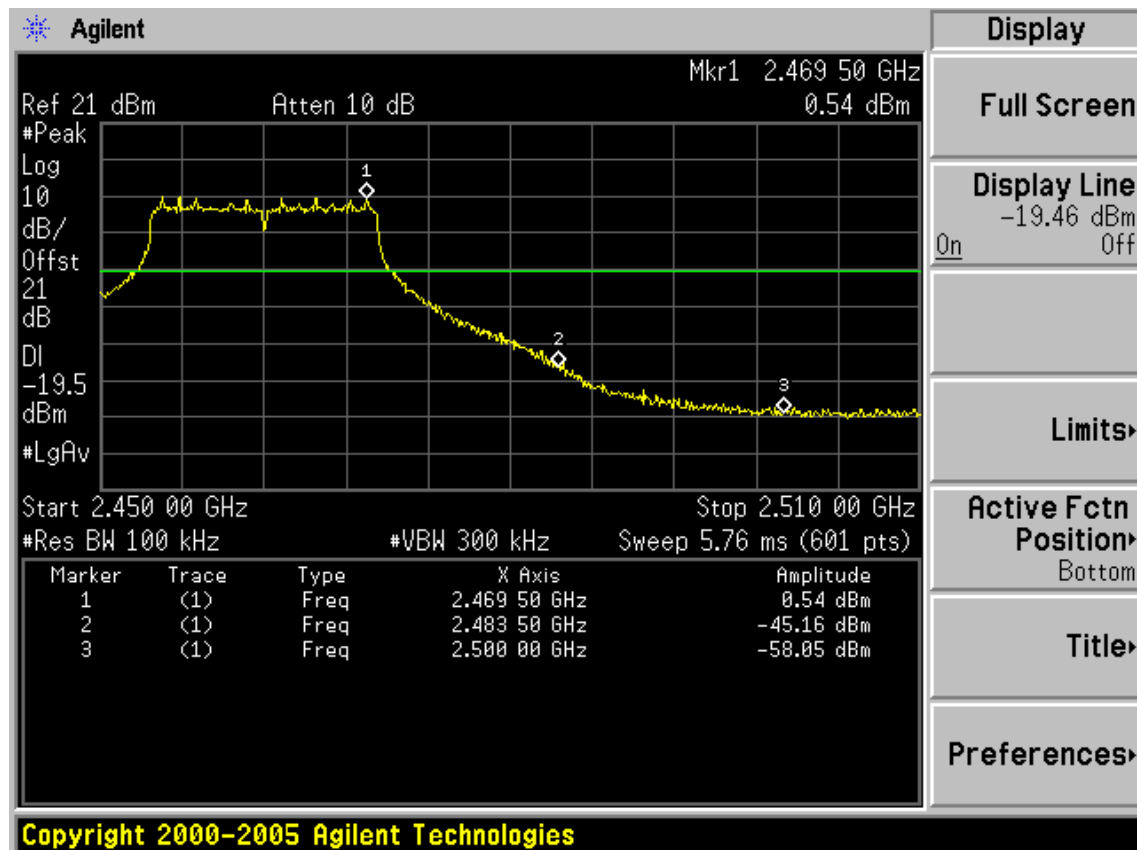


Test Mode: IEEE 802.11g TX

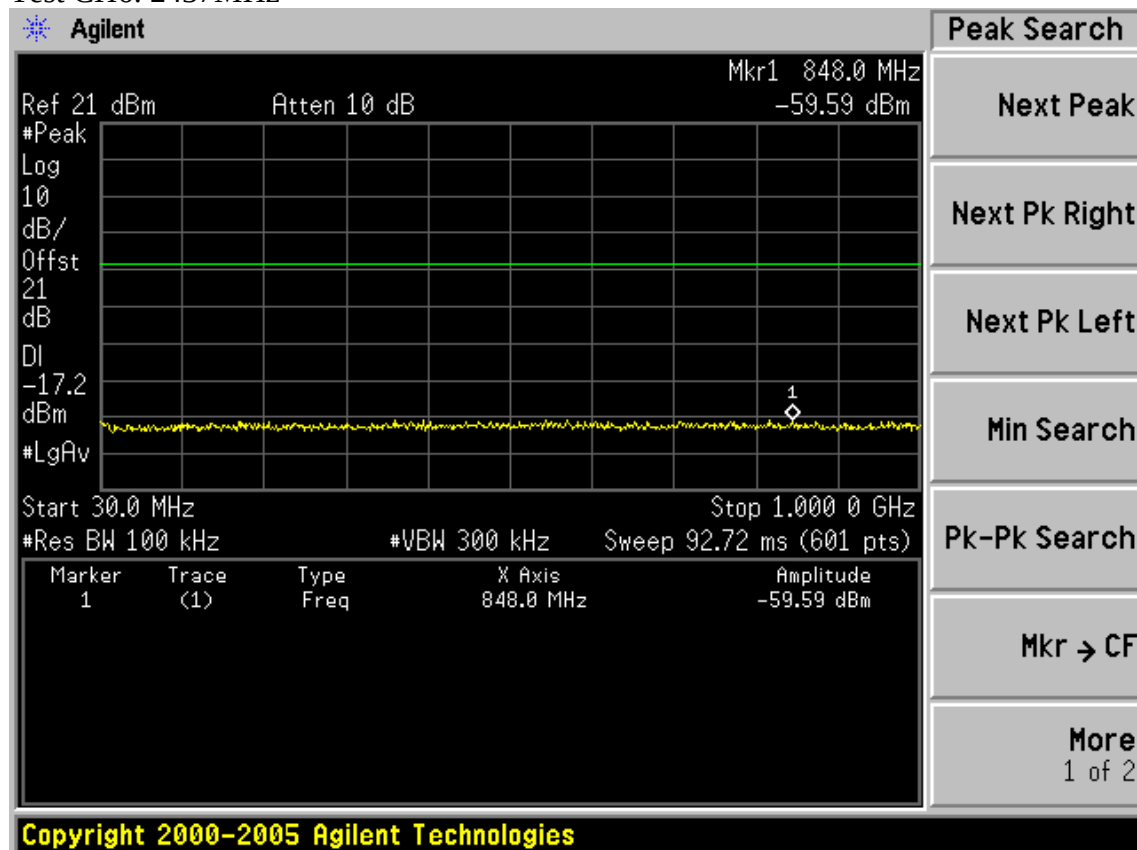
Test CH1: 2412MHz

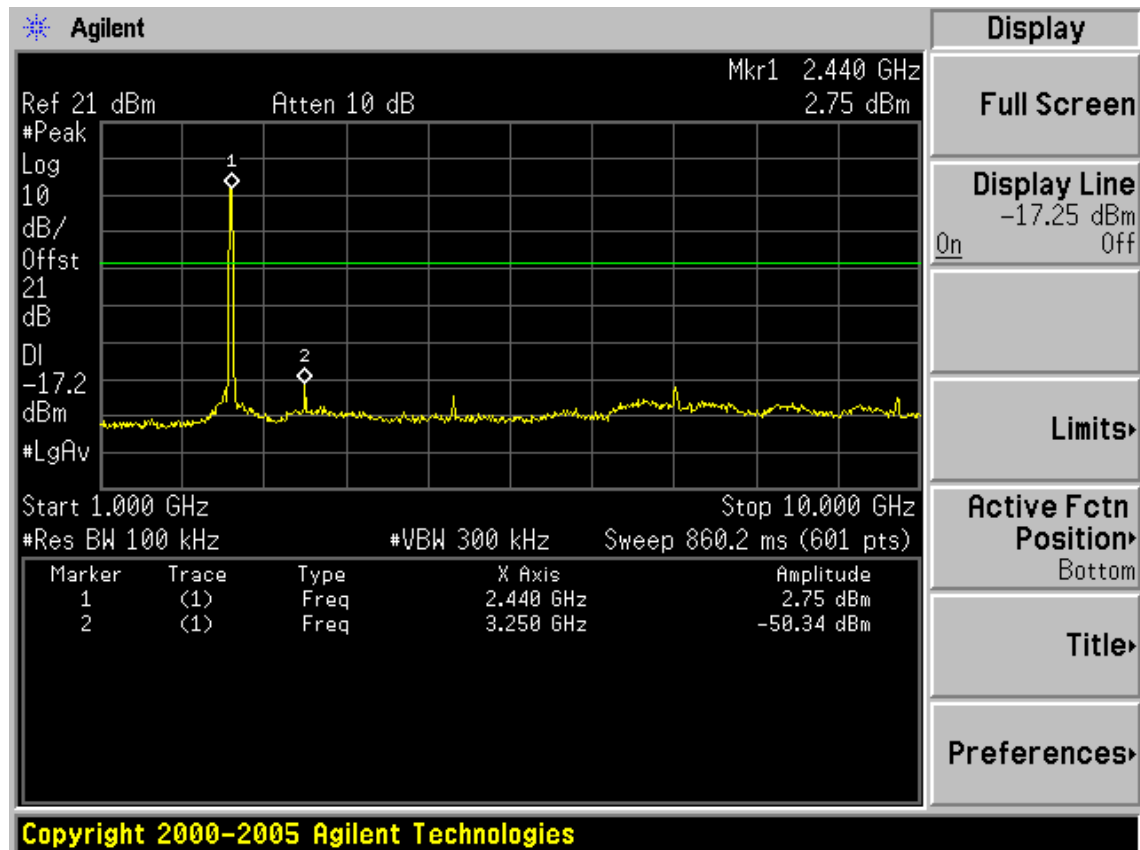
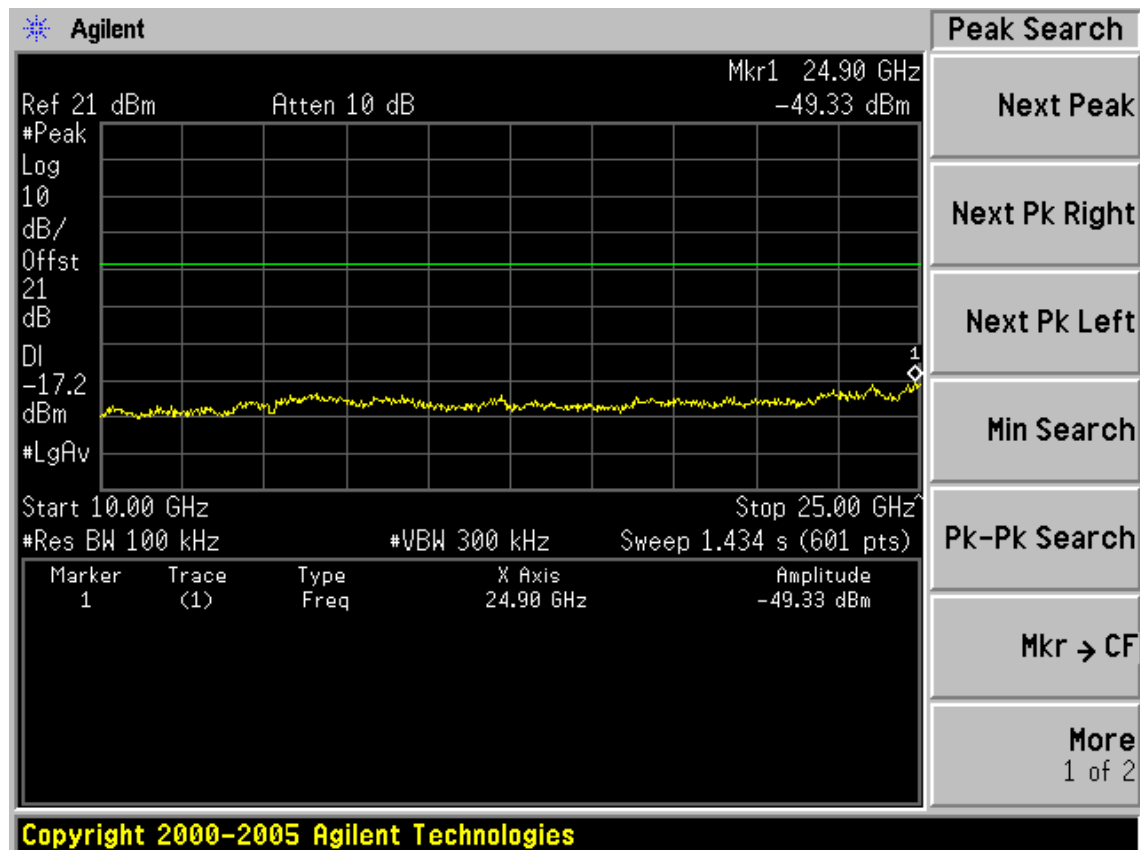




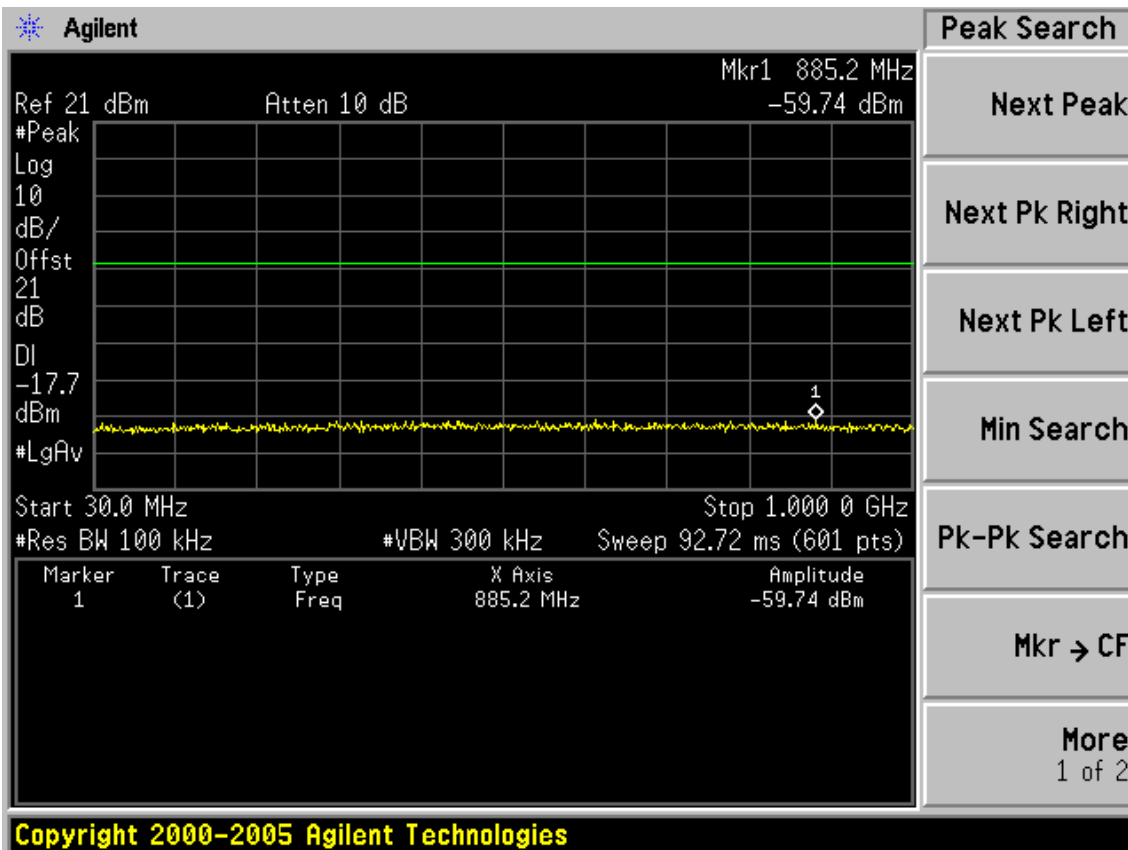
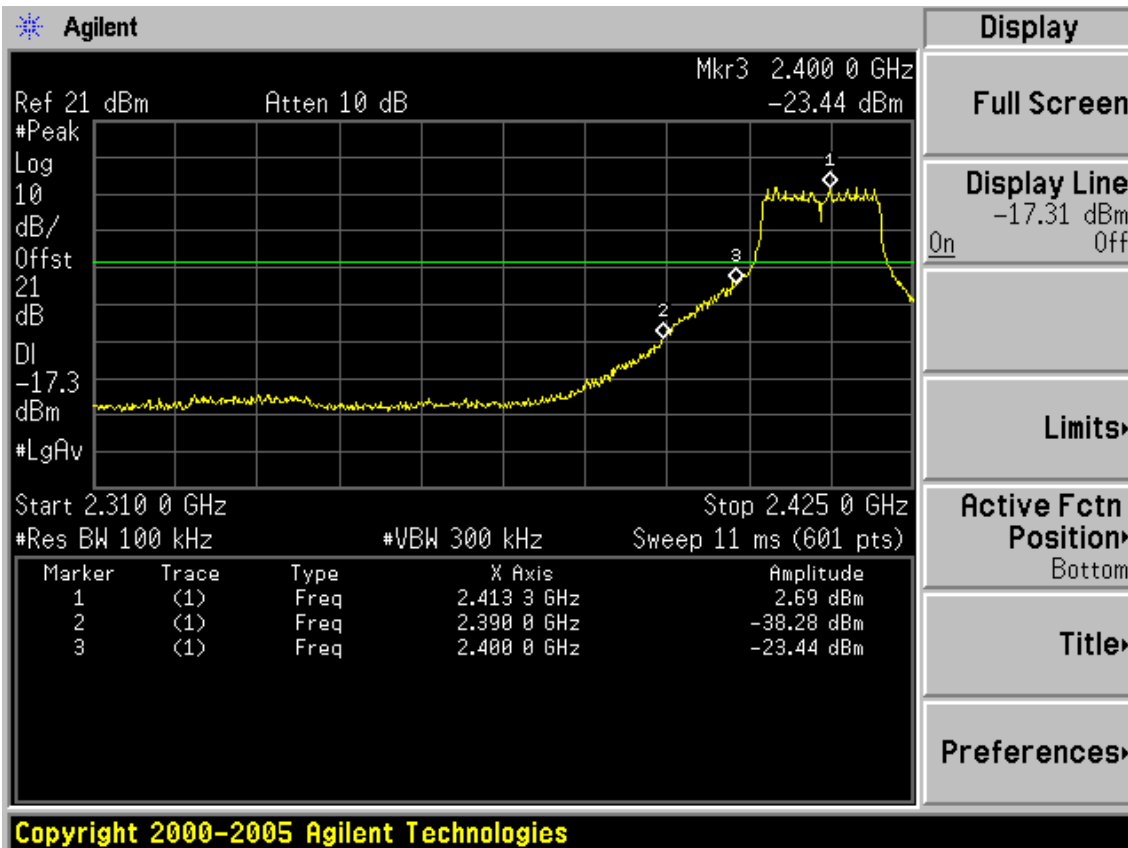


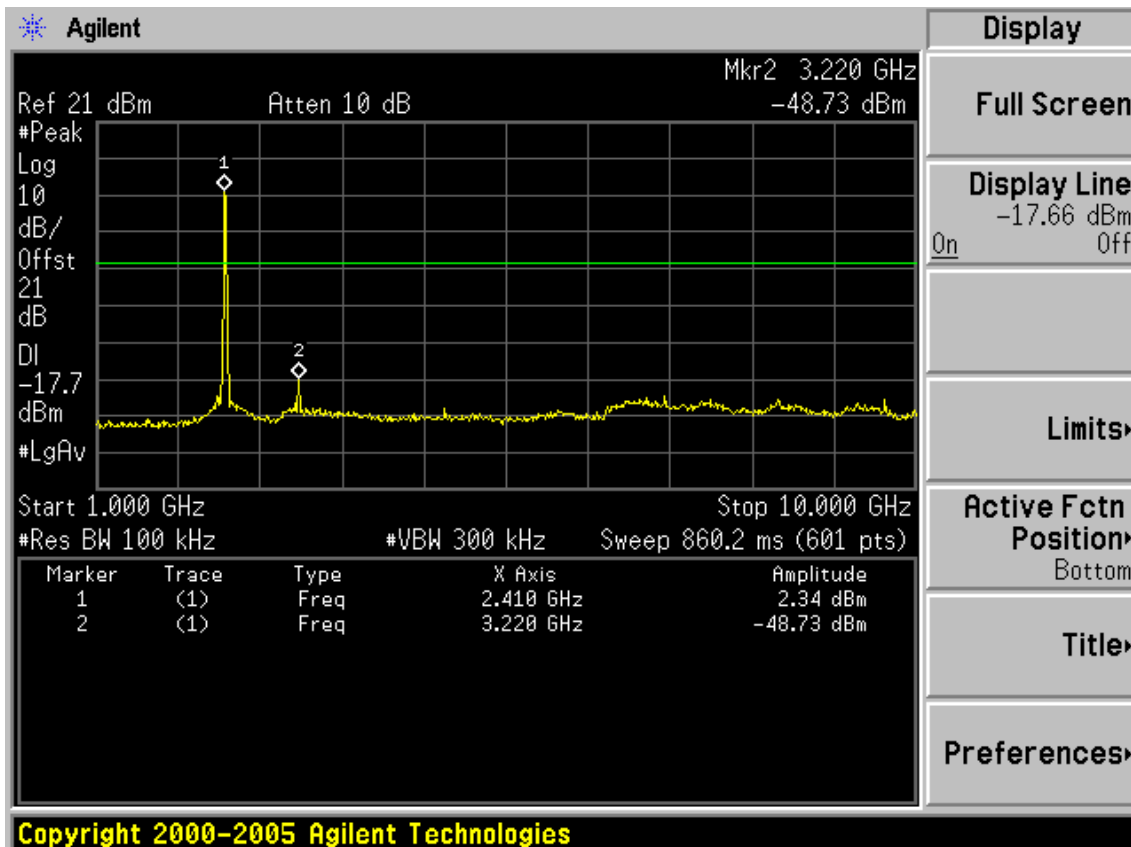
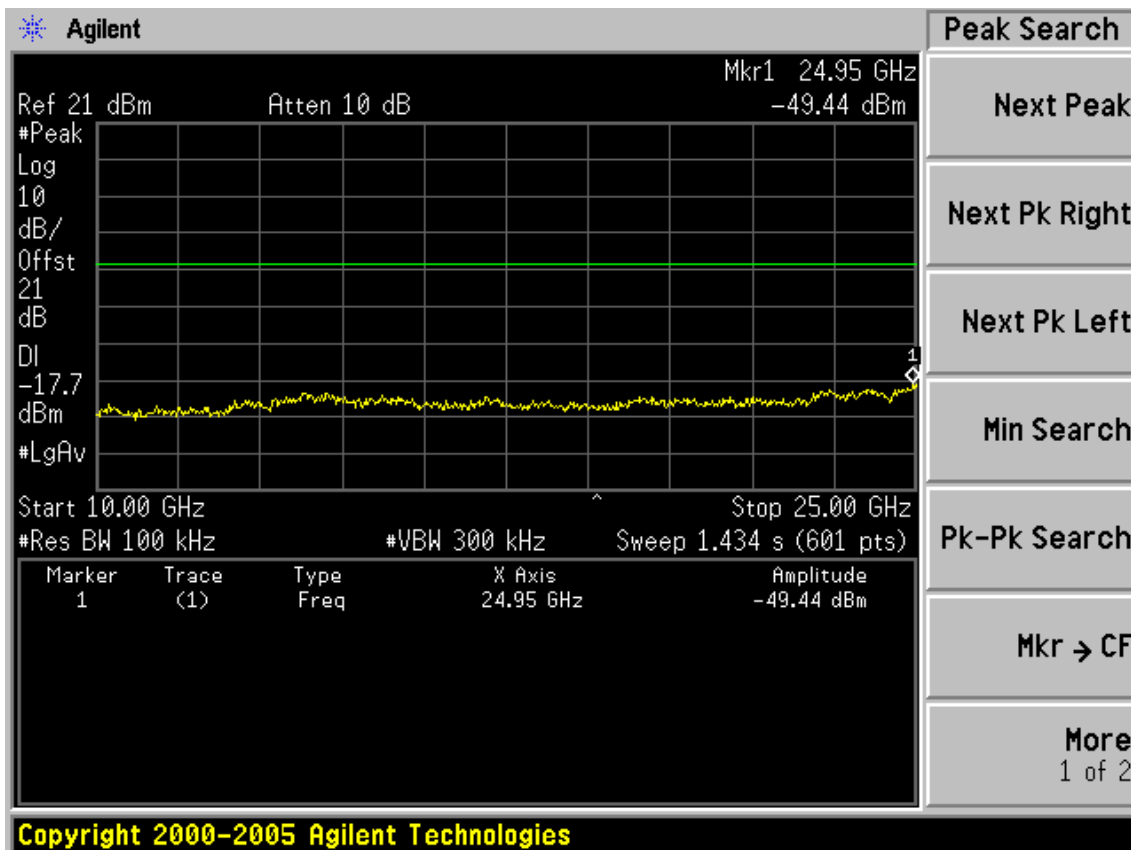
Test CH6: 2437MHz





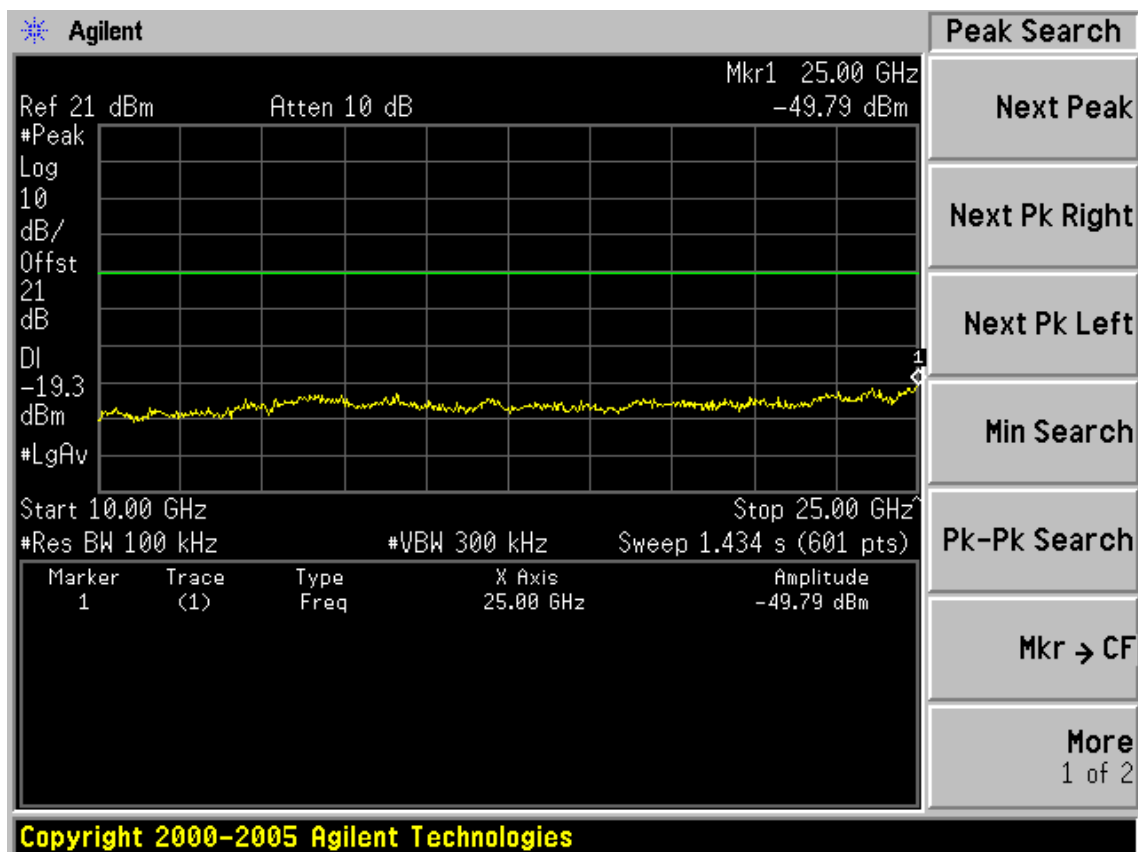
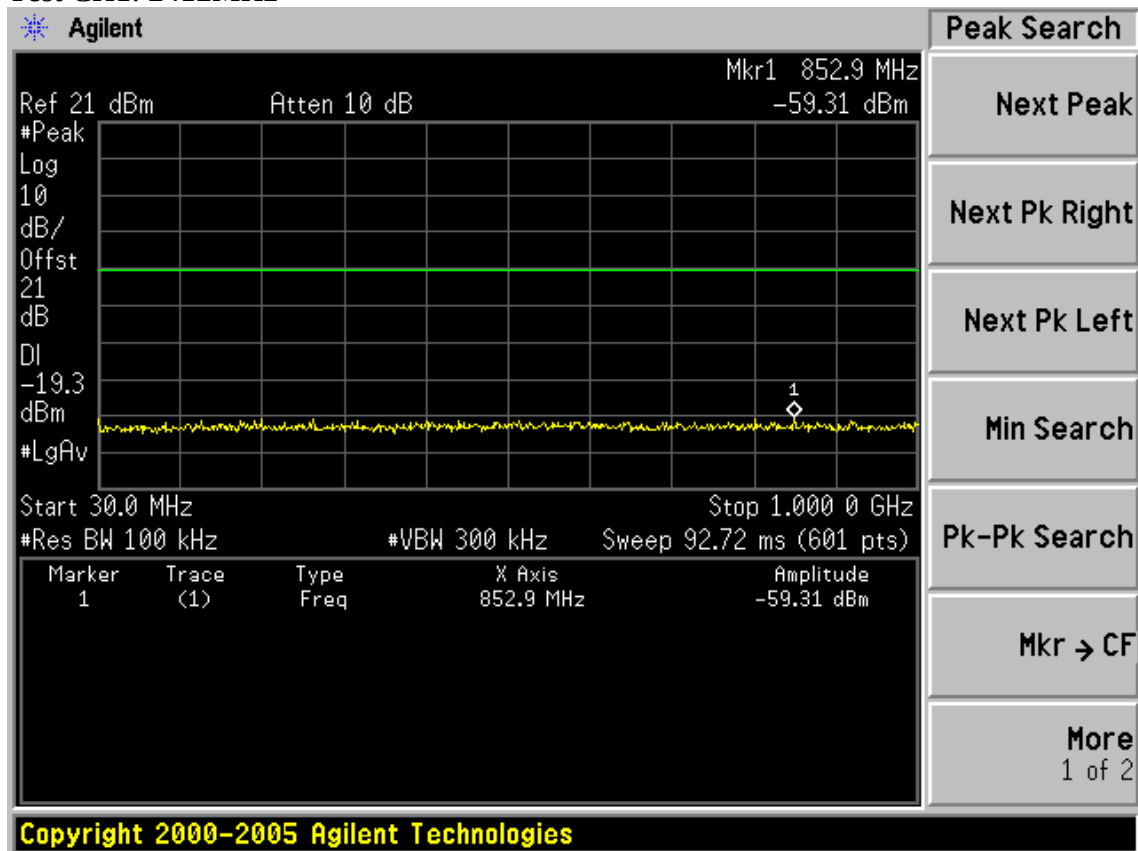
Test CH11: 2462MHz

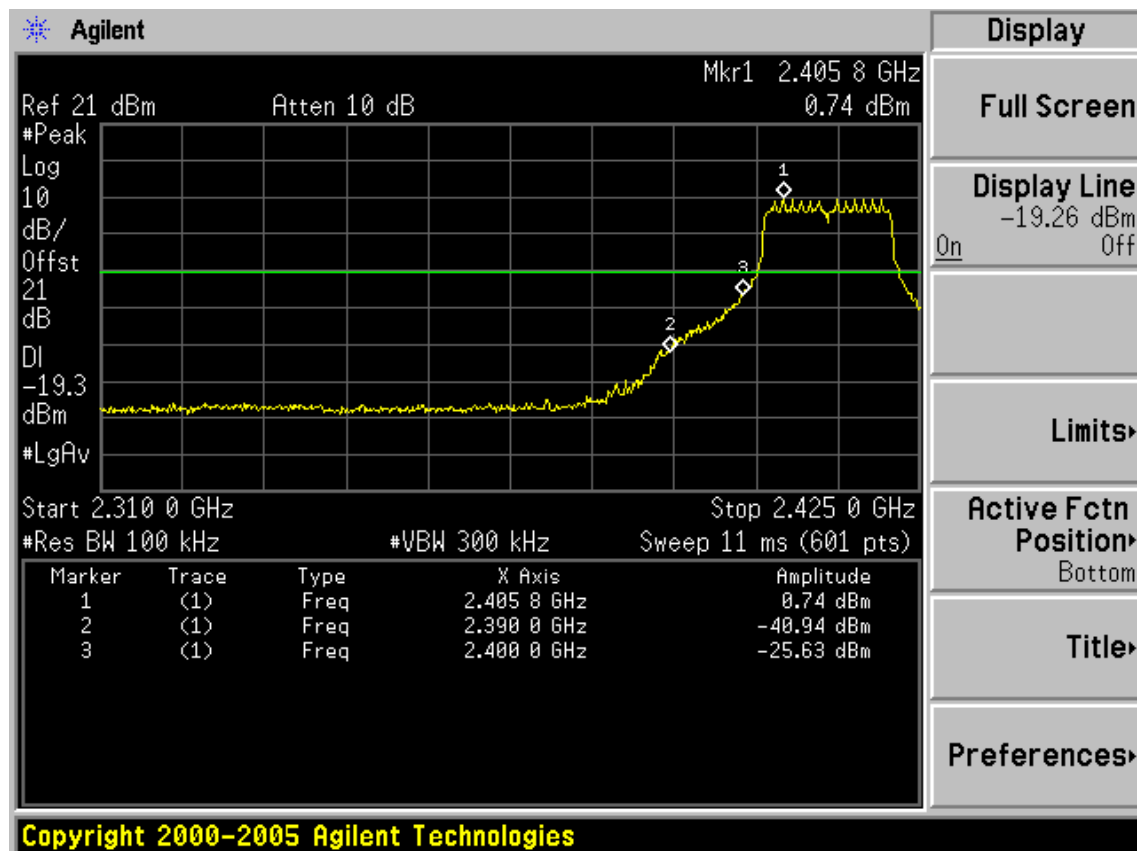
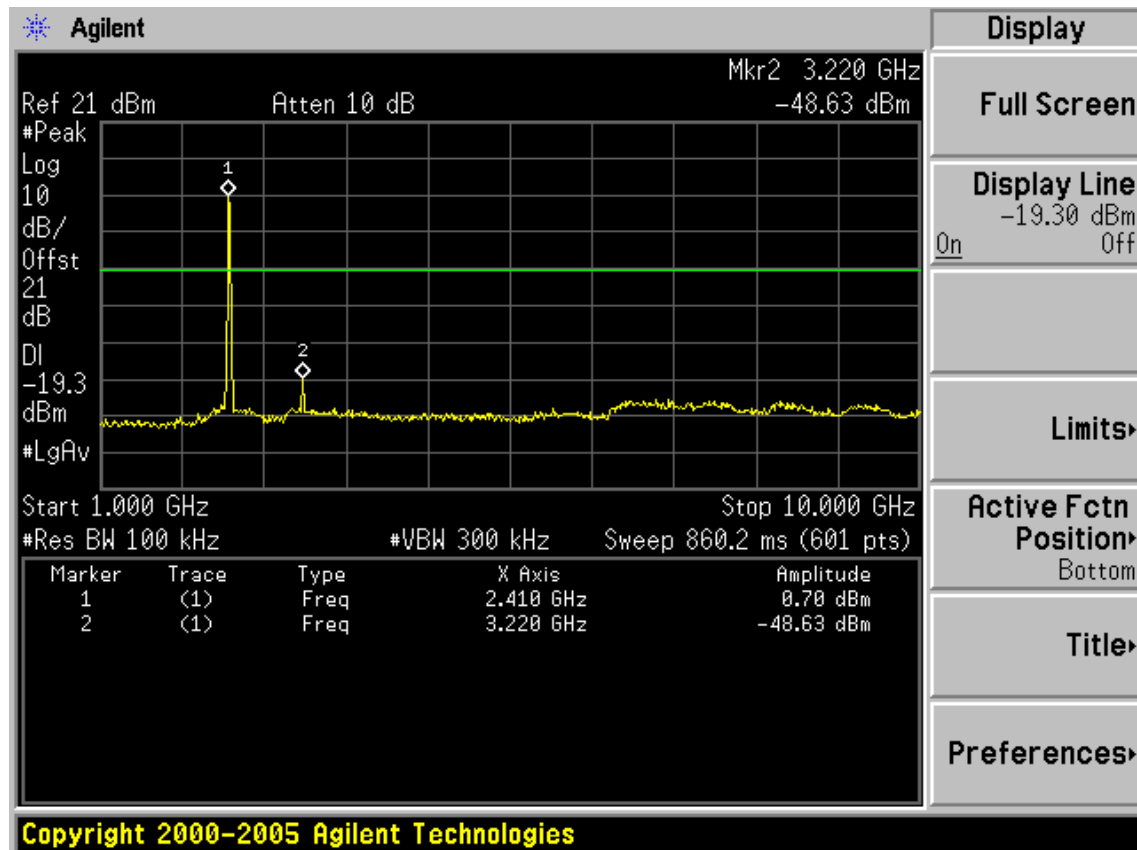




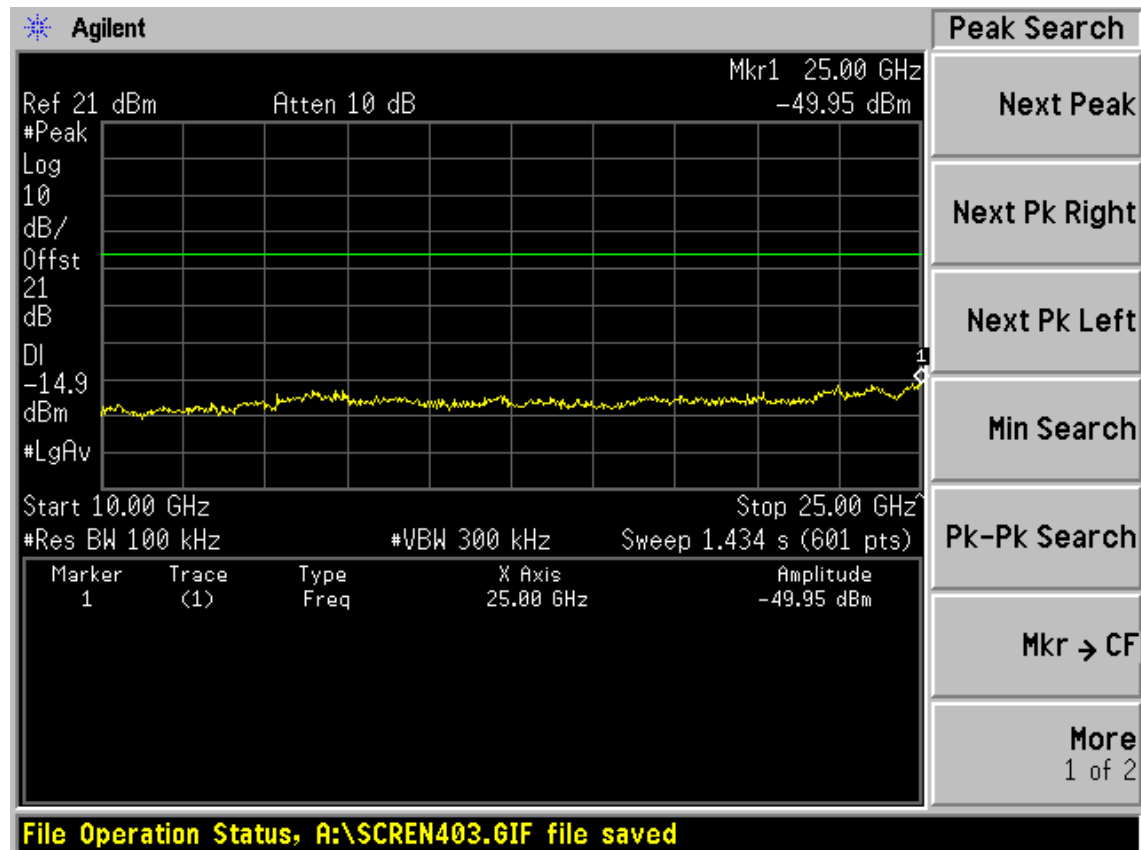
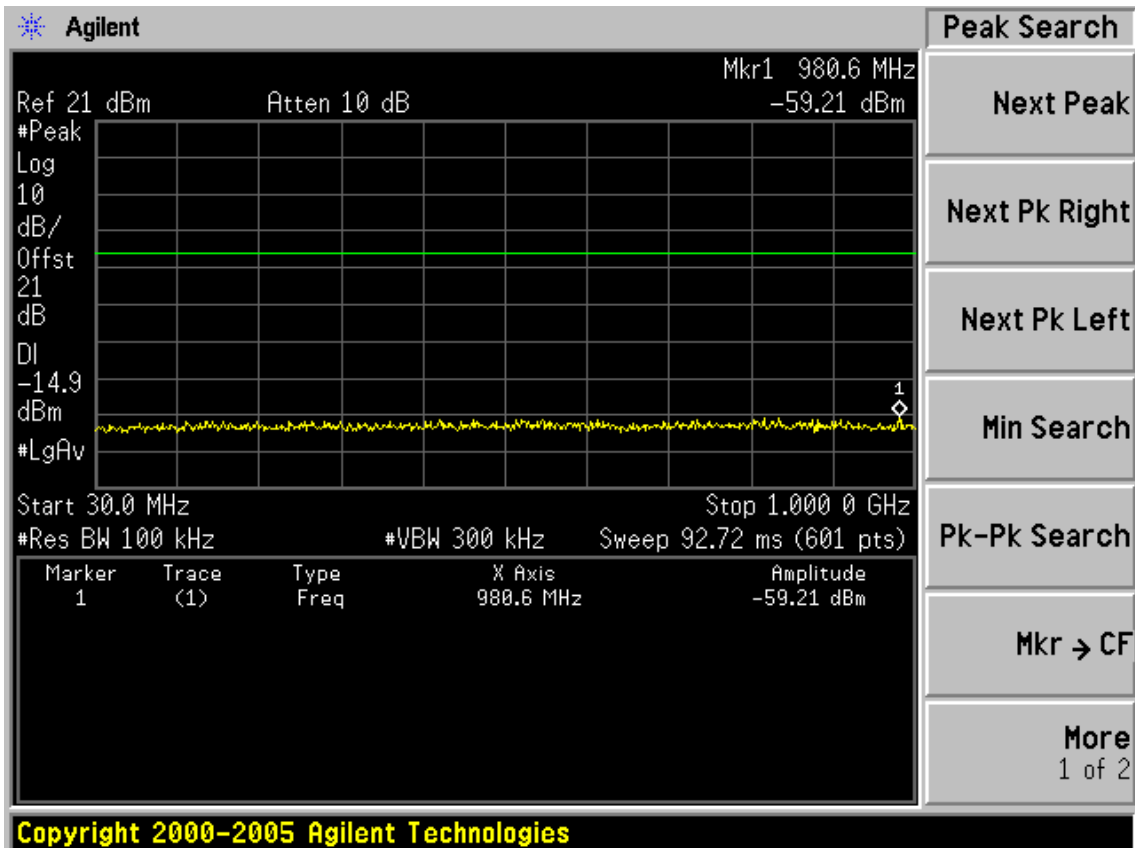
Test Mode: IEEE 11nHT20

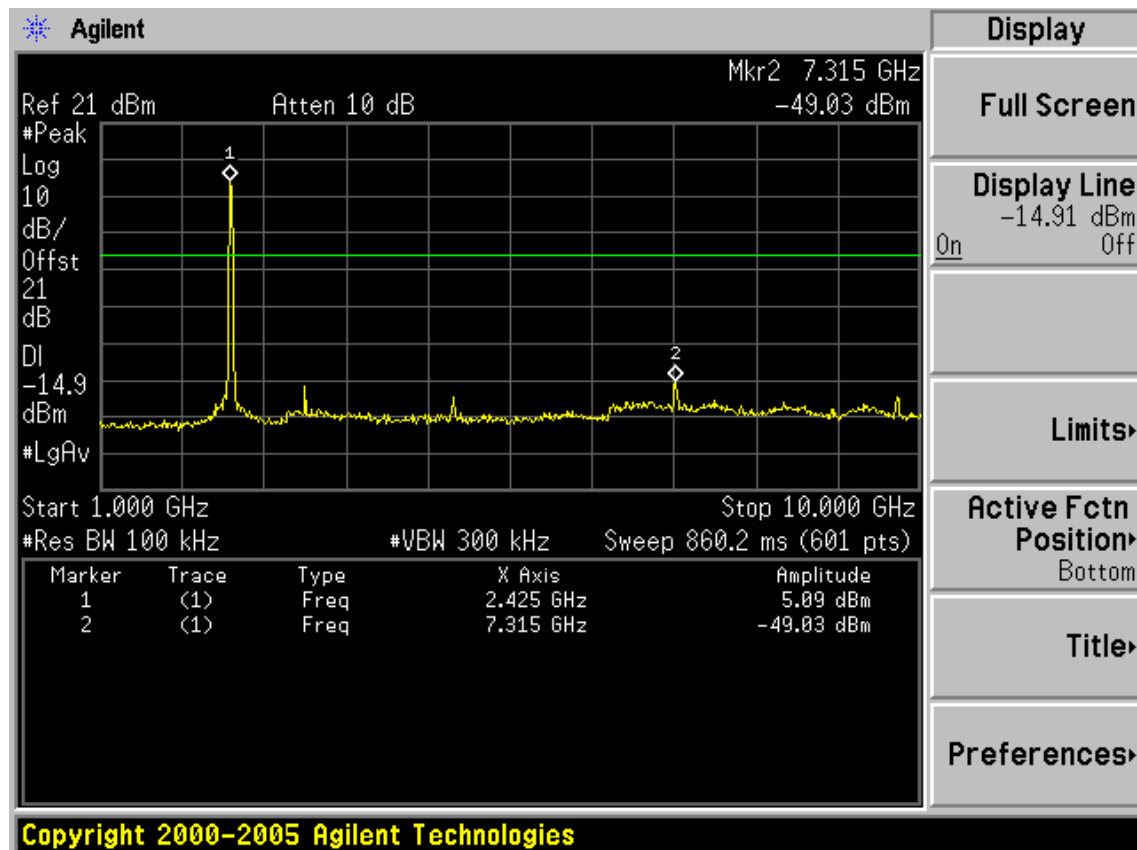
Test CH1: 2412MHz



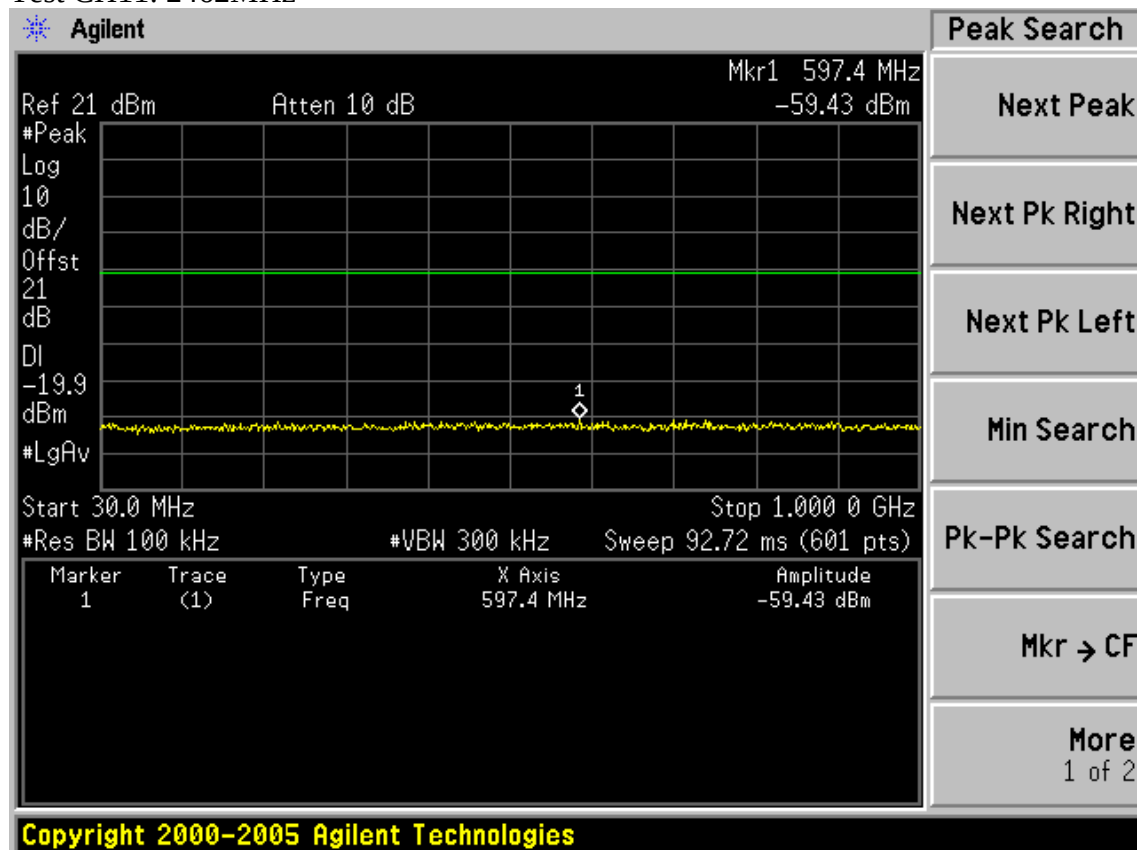


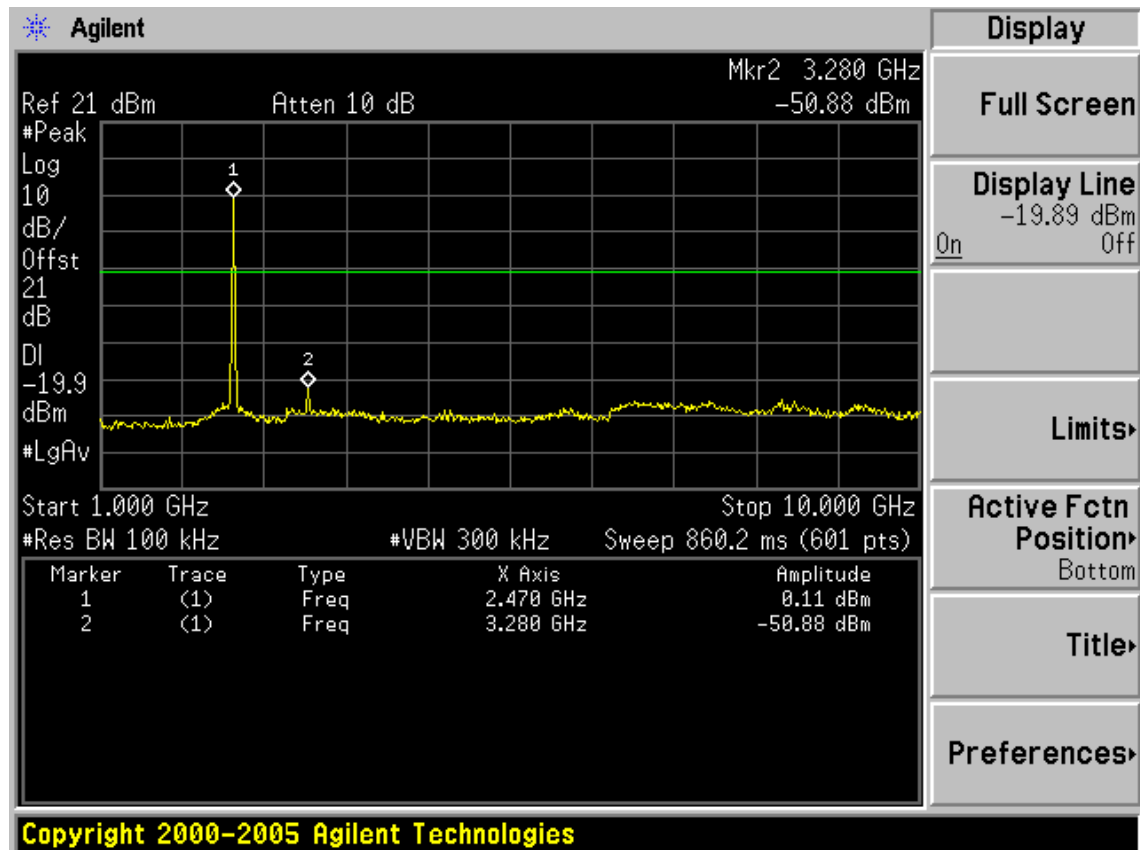
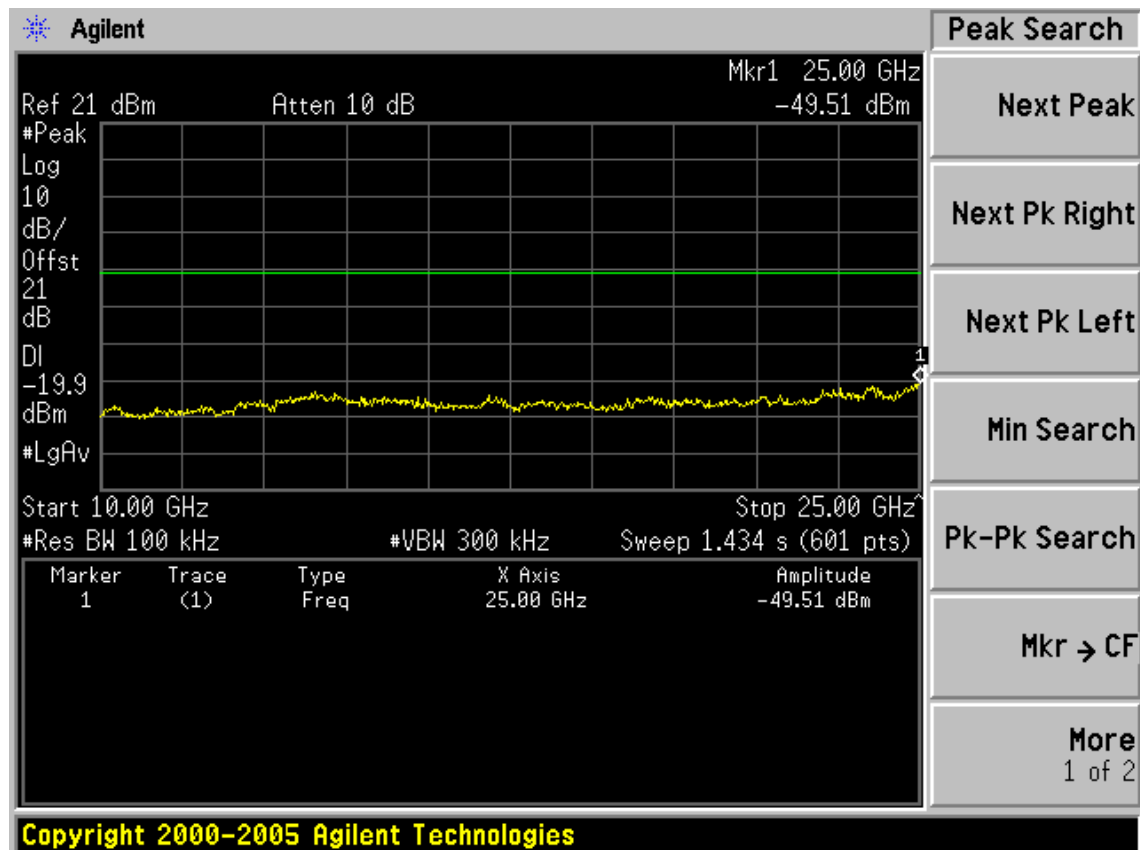
Test CH6: 2437MHz

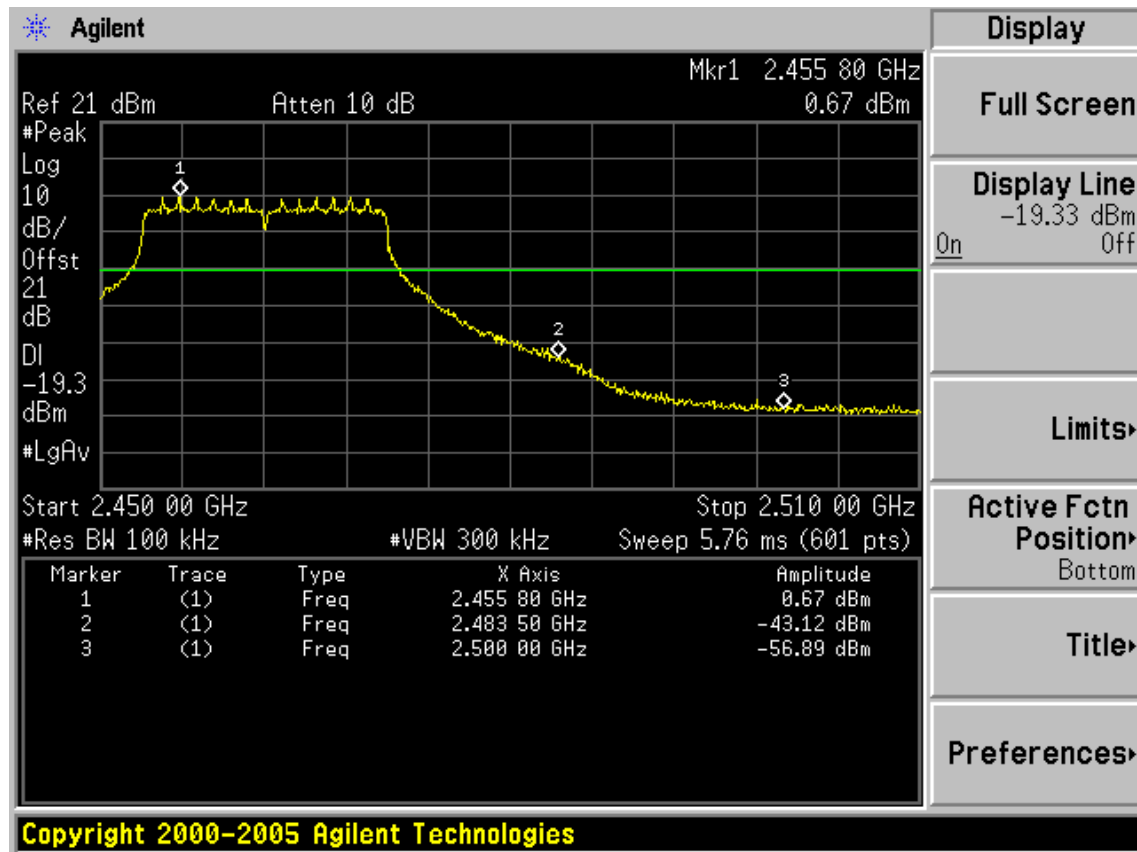




Test CH11: 2462MHz

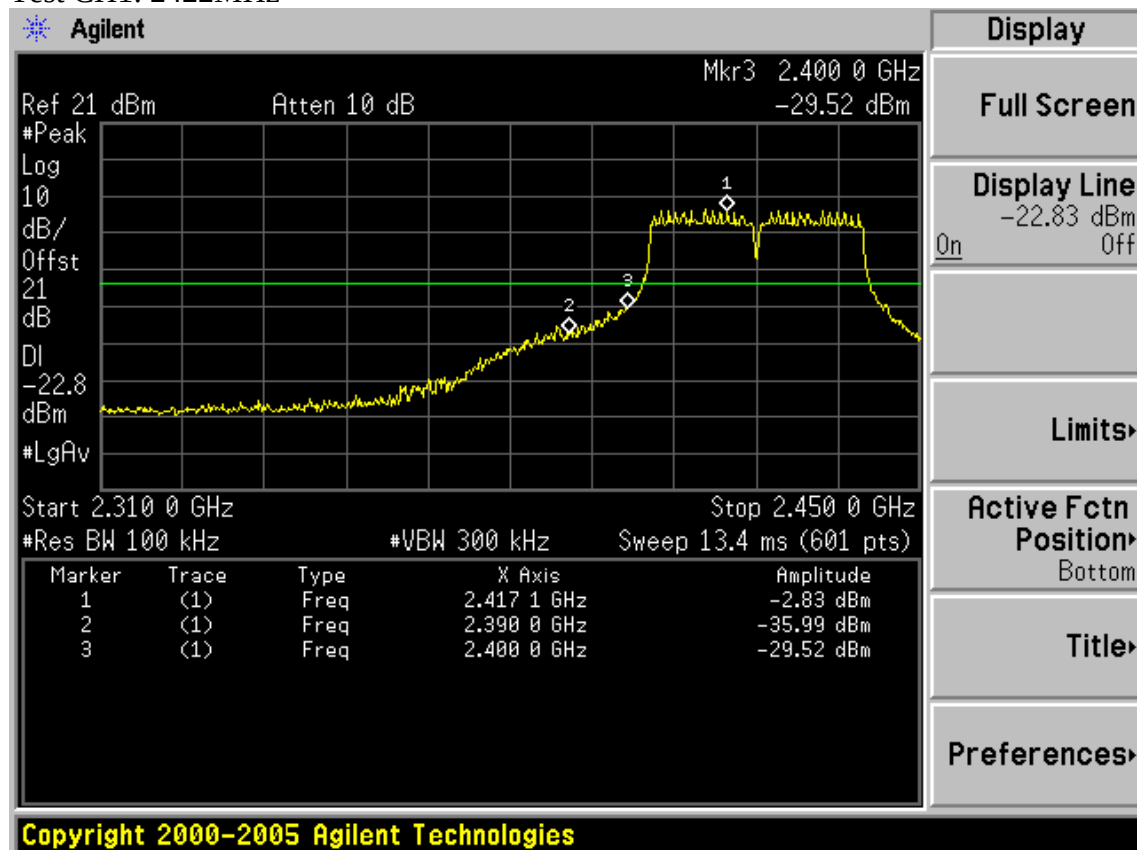


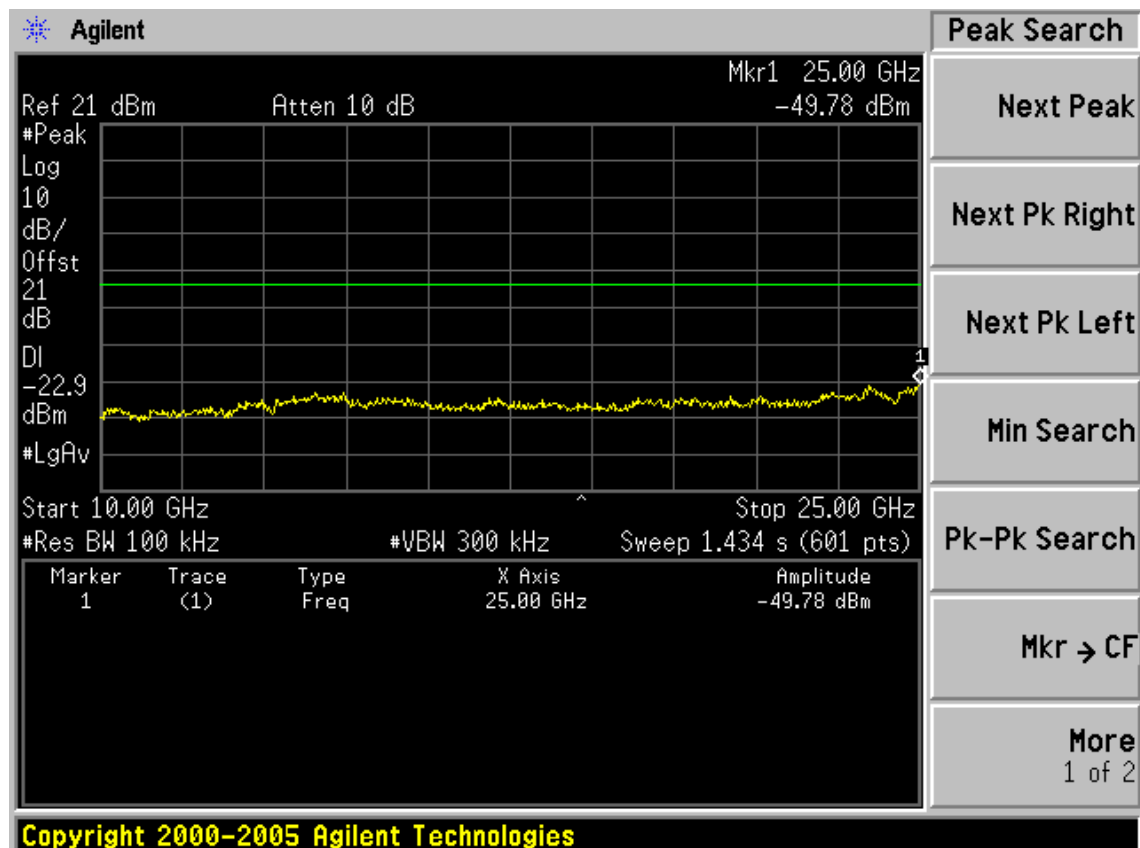
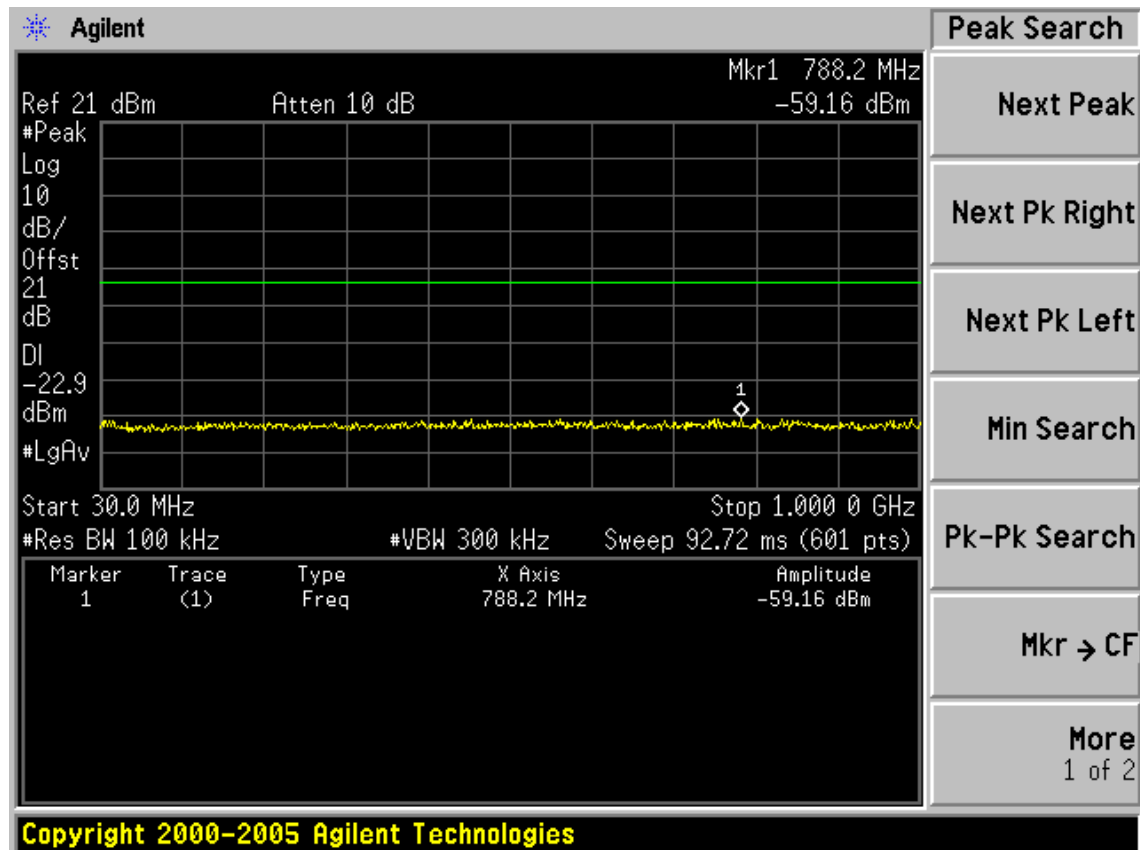


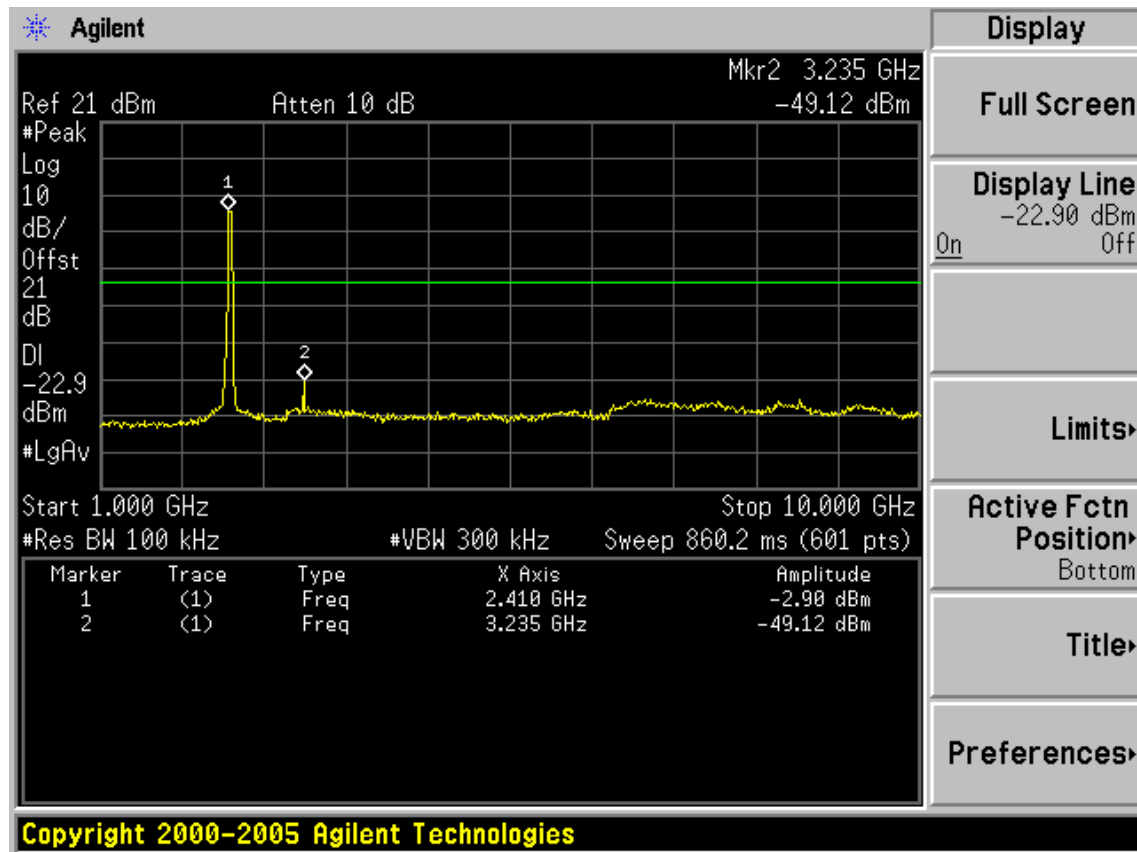


Test Mode: IEEE 11nHT40

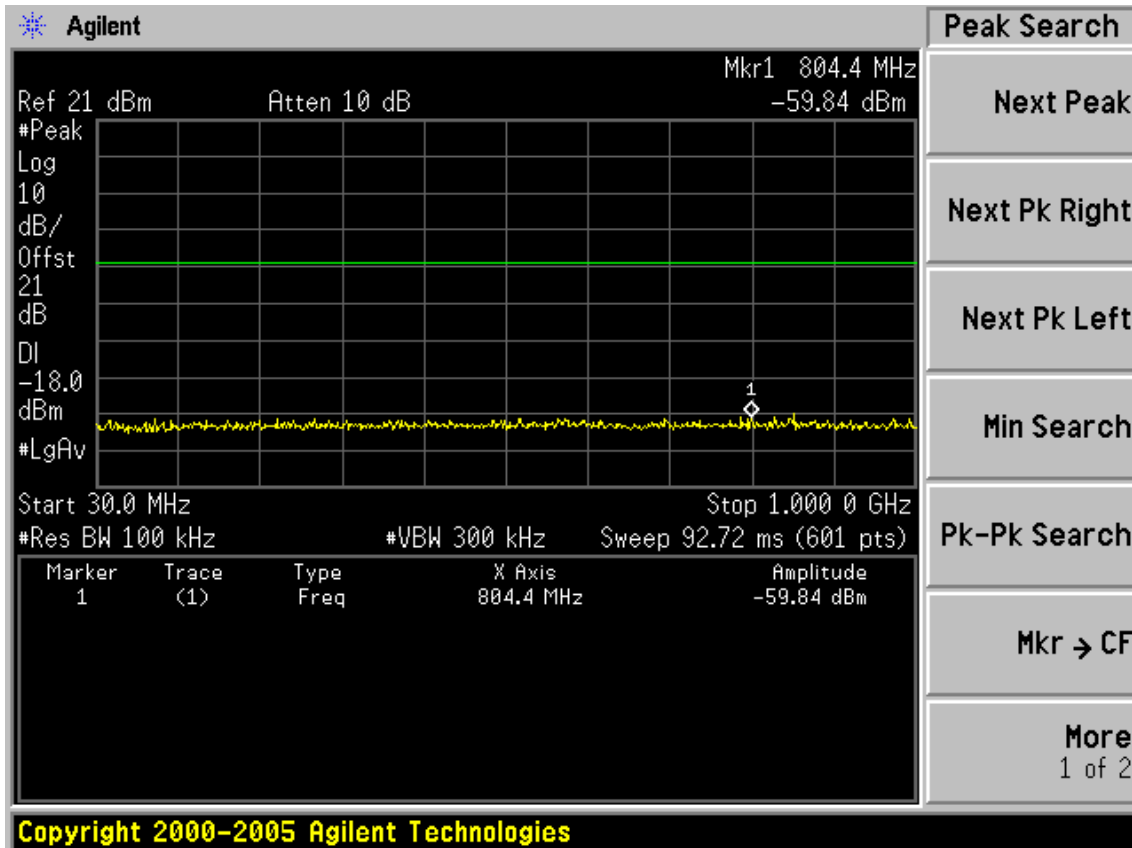
Test CH1: 2422MHz

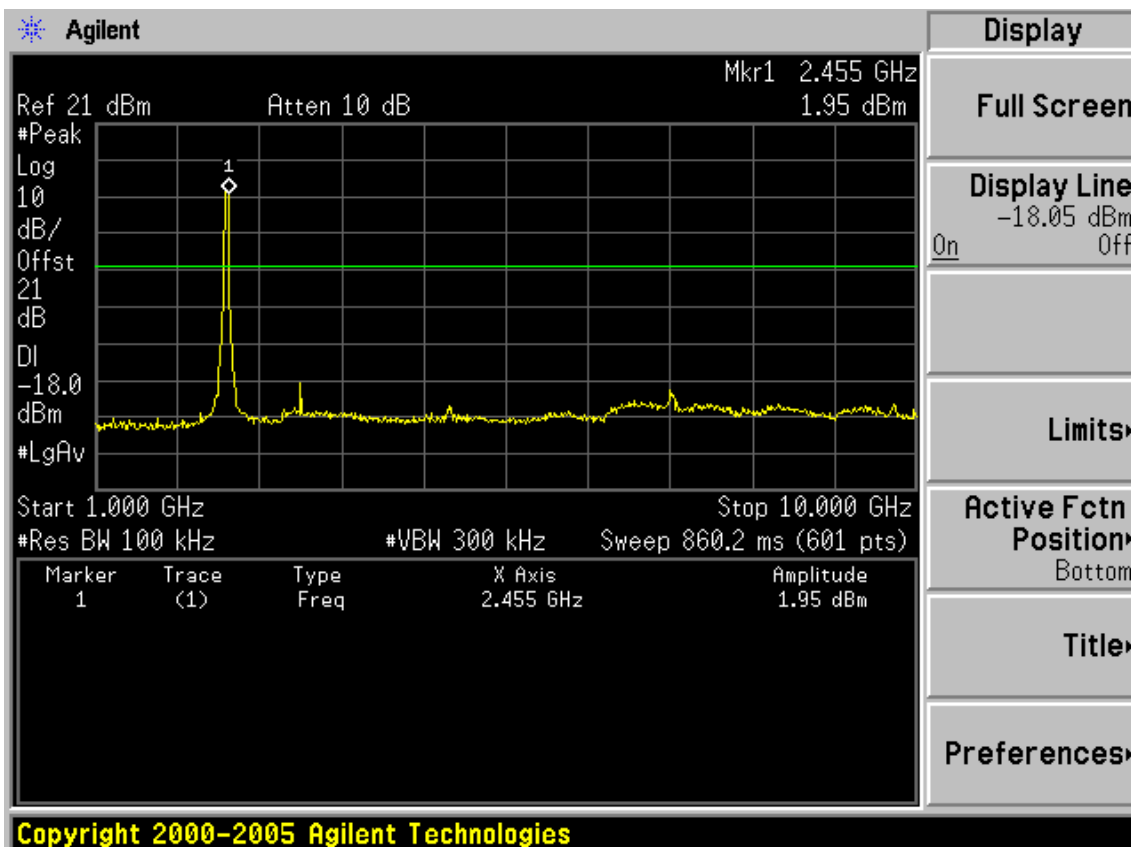
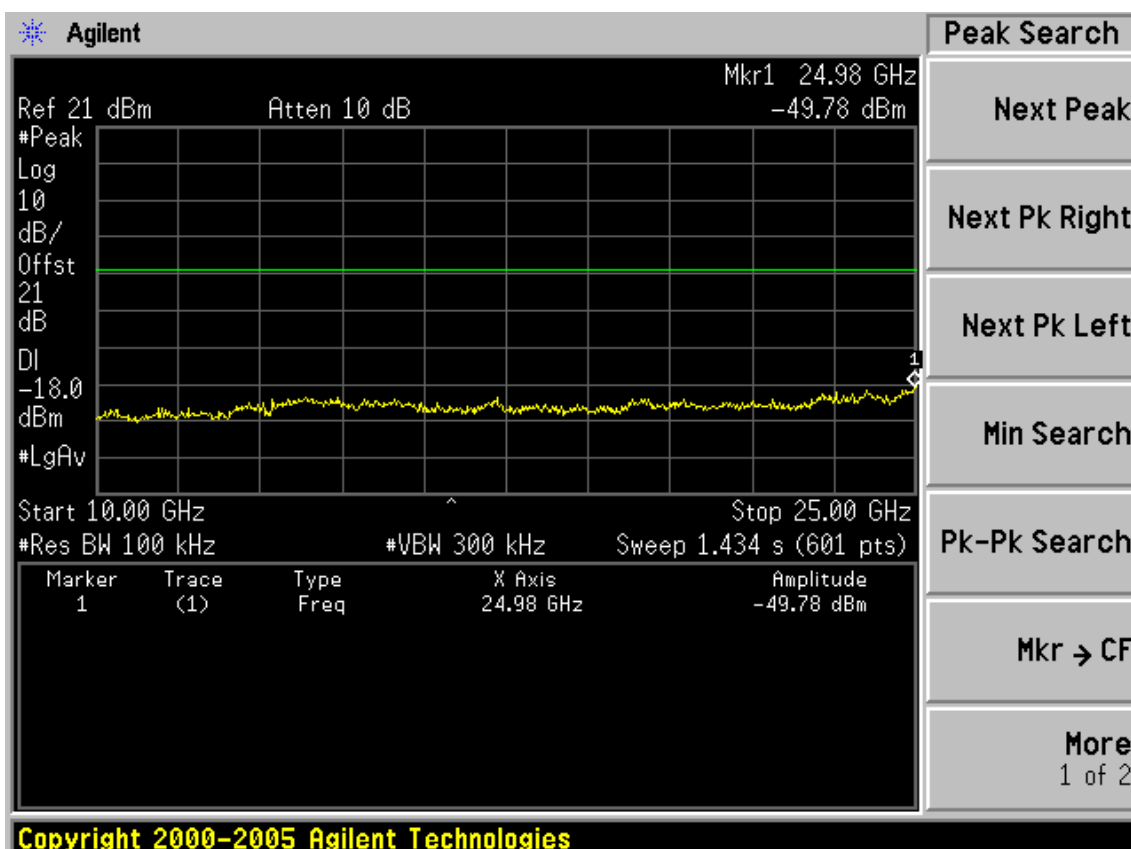




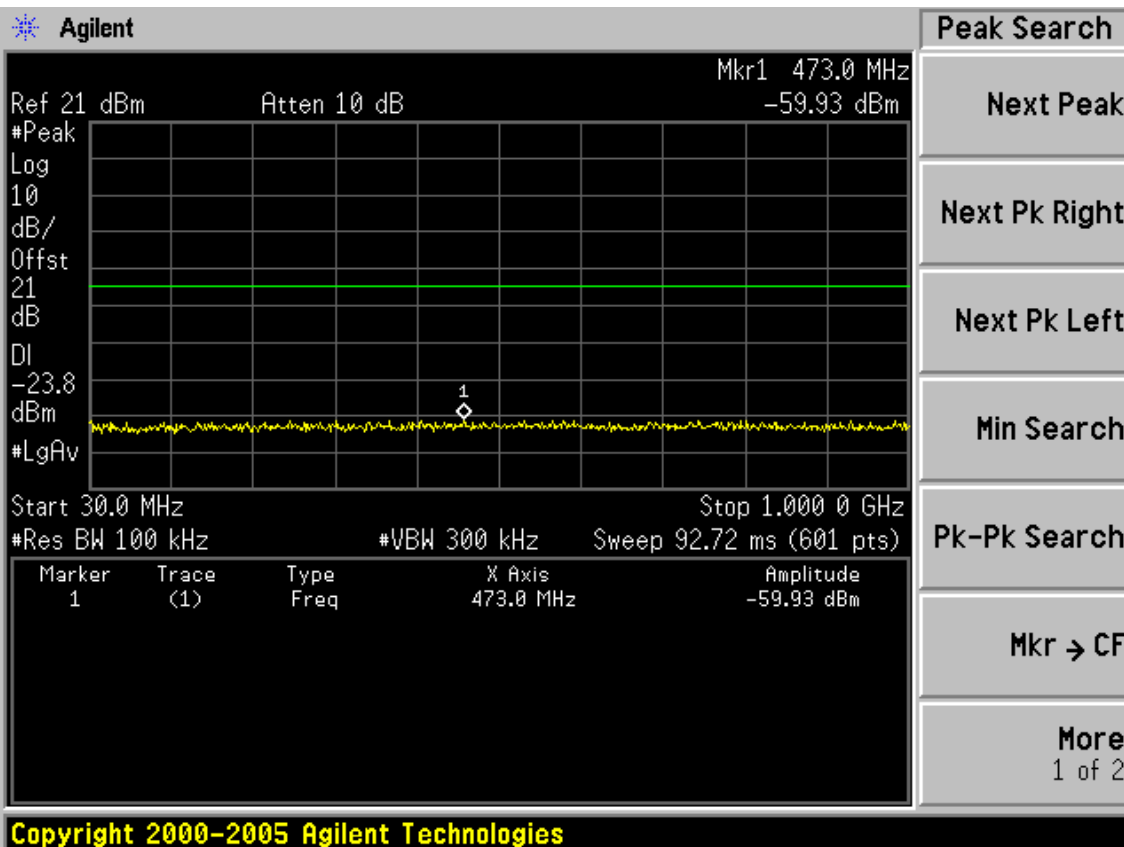
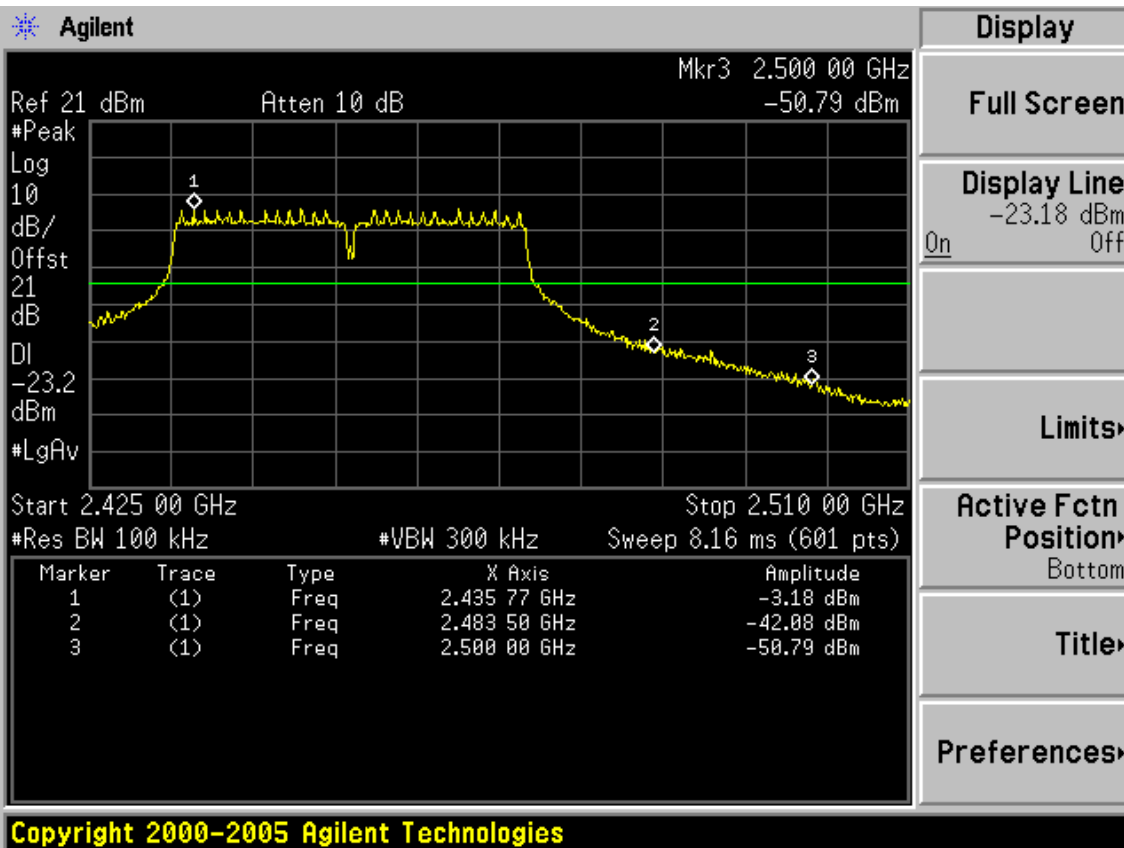


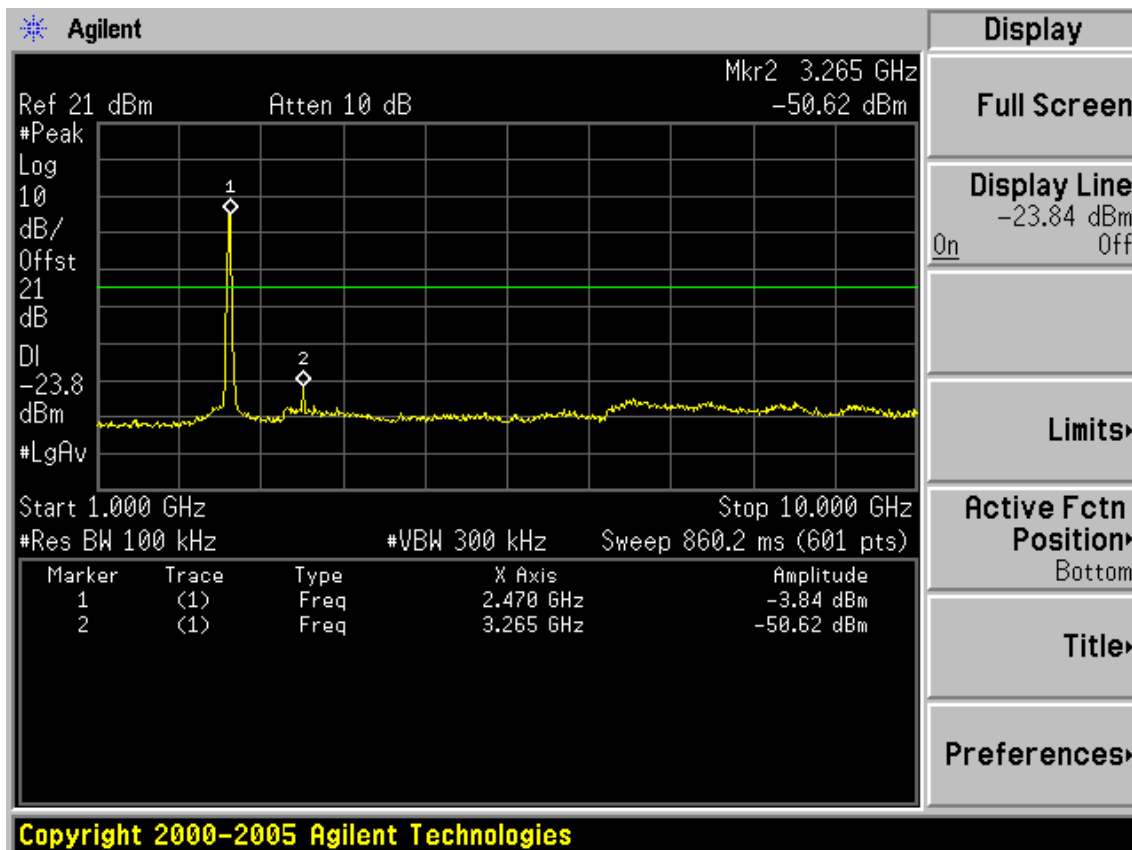
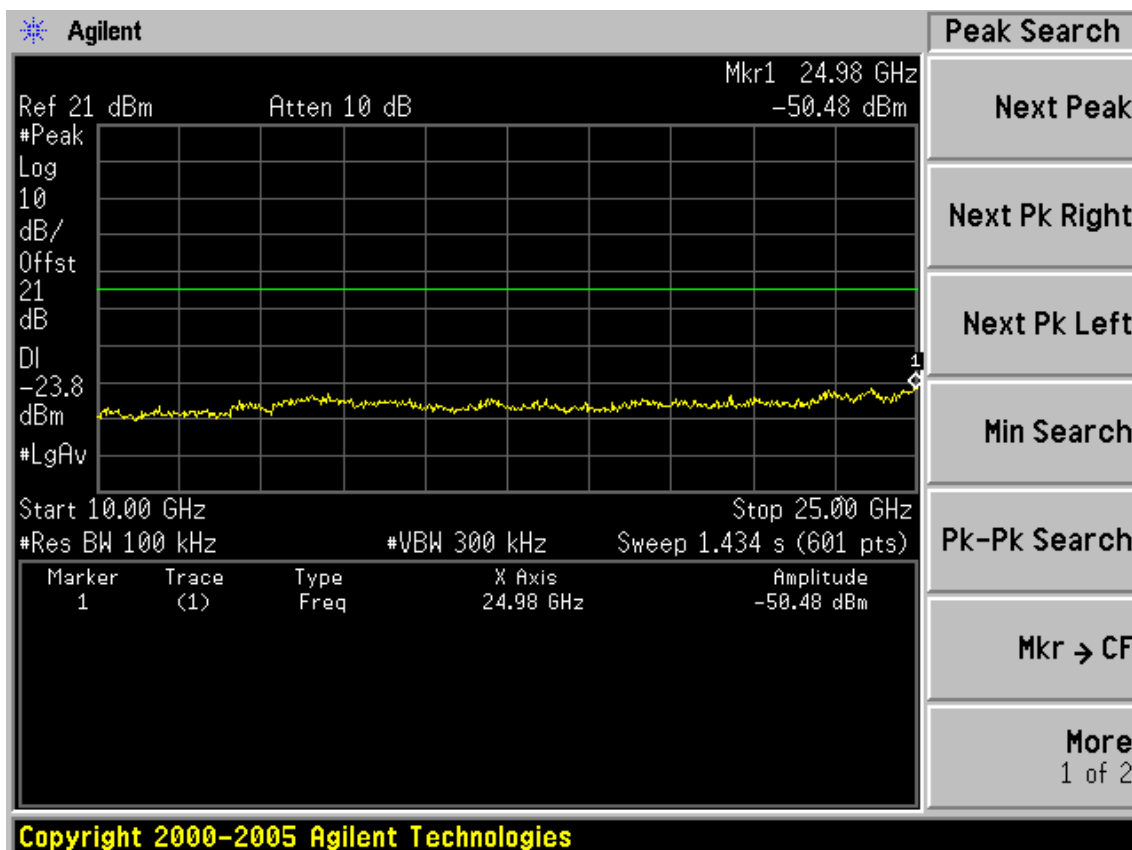
Test CH4: 2437MHz



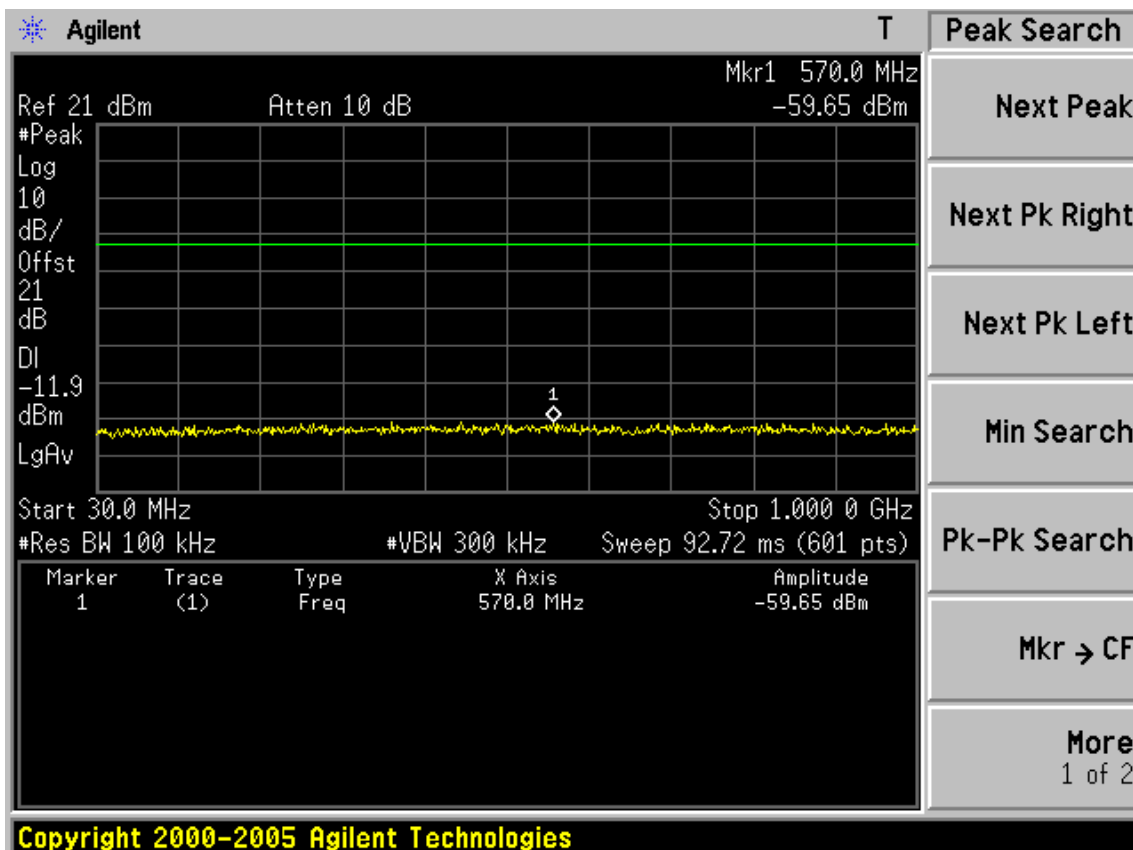
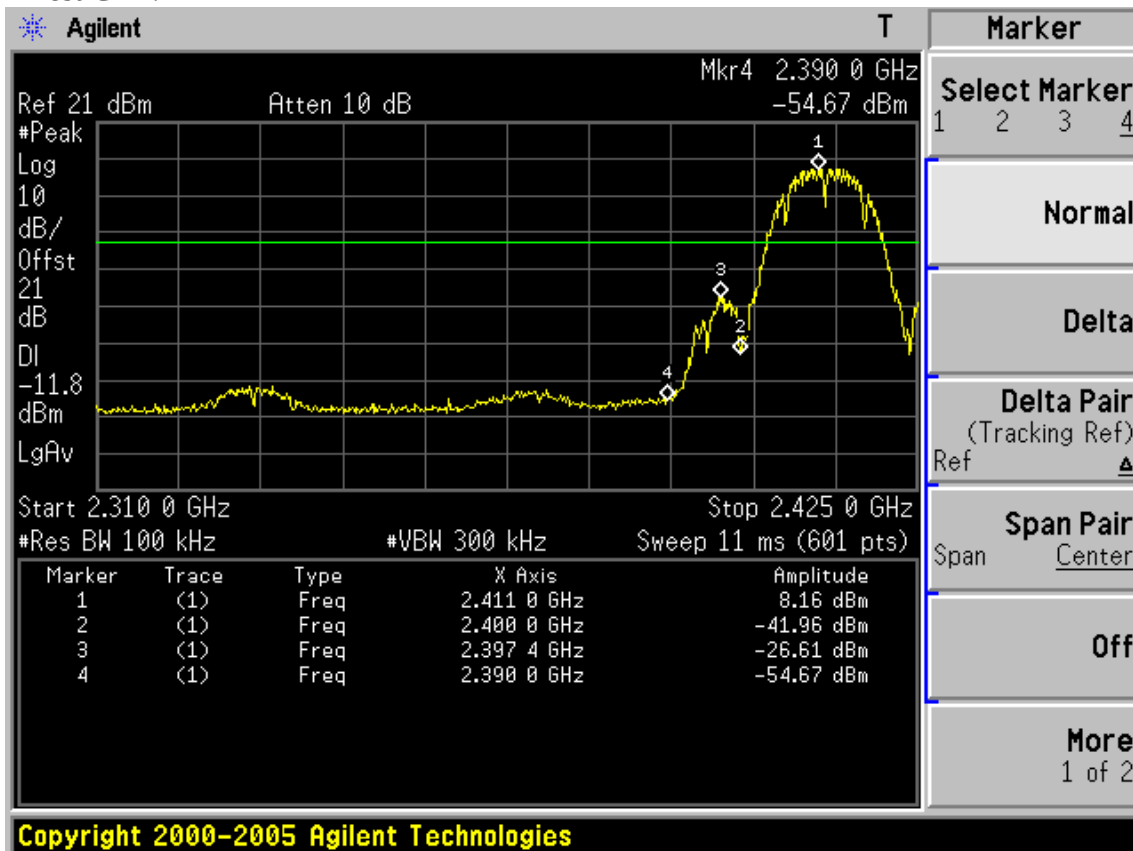


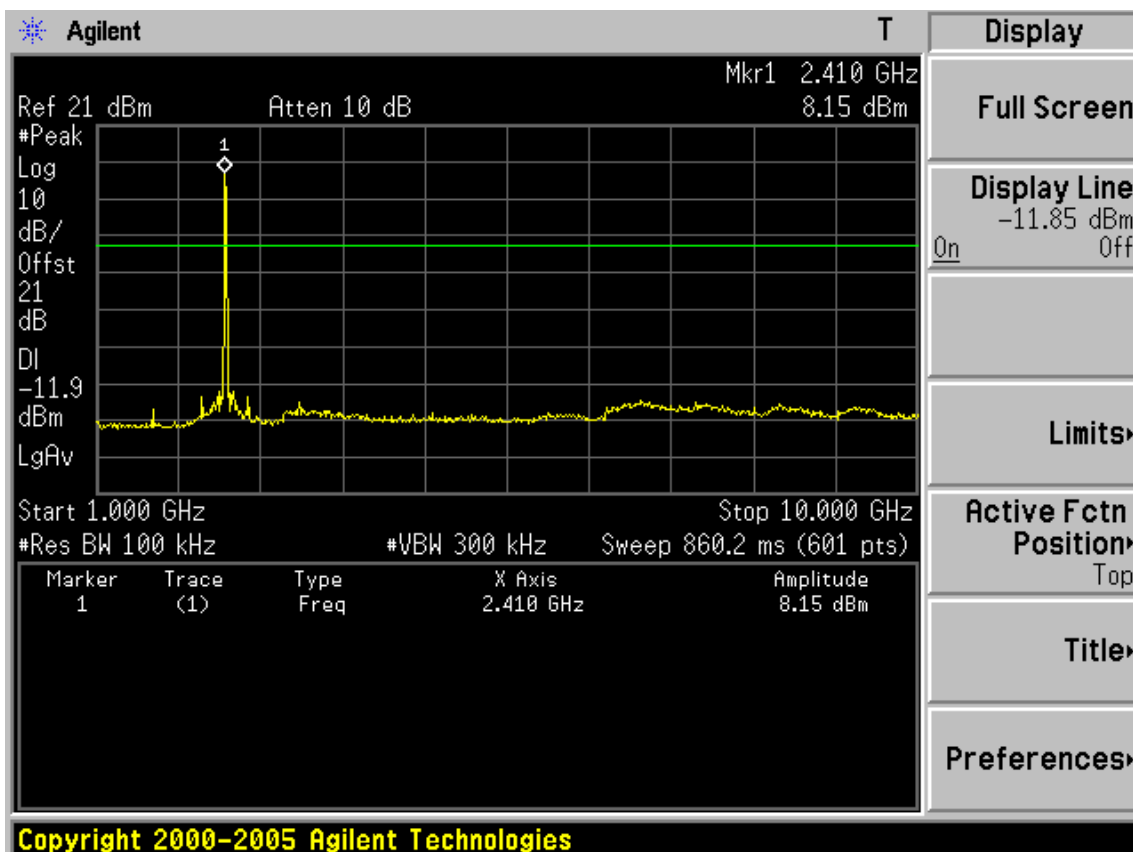
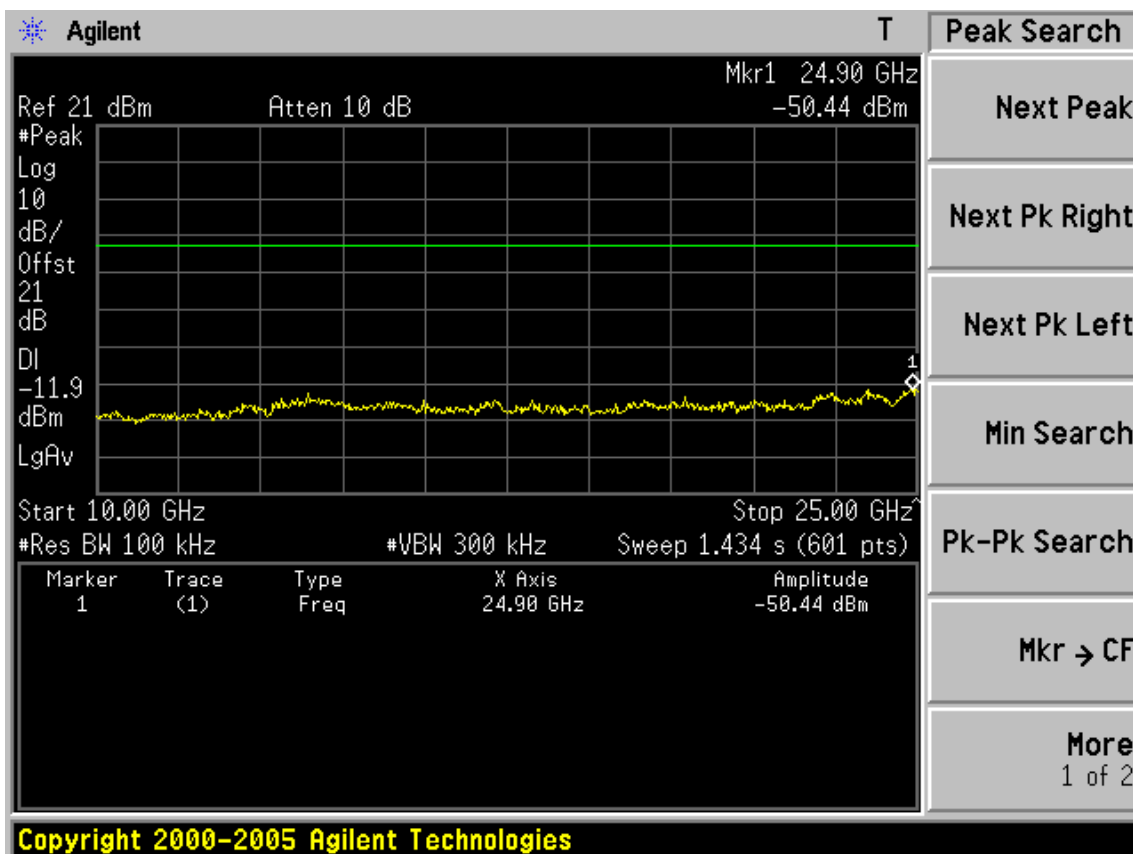
Test CH7: 2452MHz



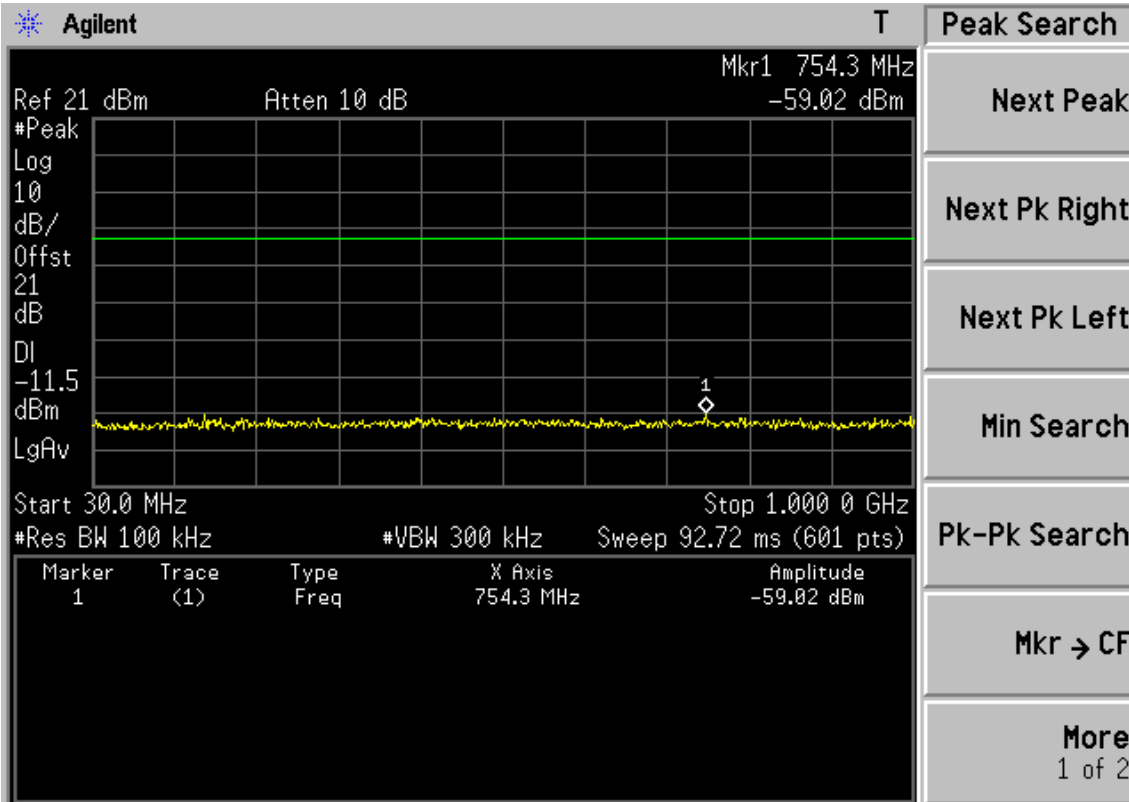


External:
Test Mode: IEEE 802.11b TX
Test CH1: 2412MHz

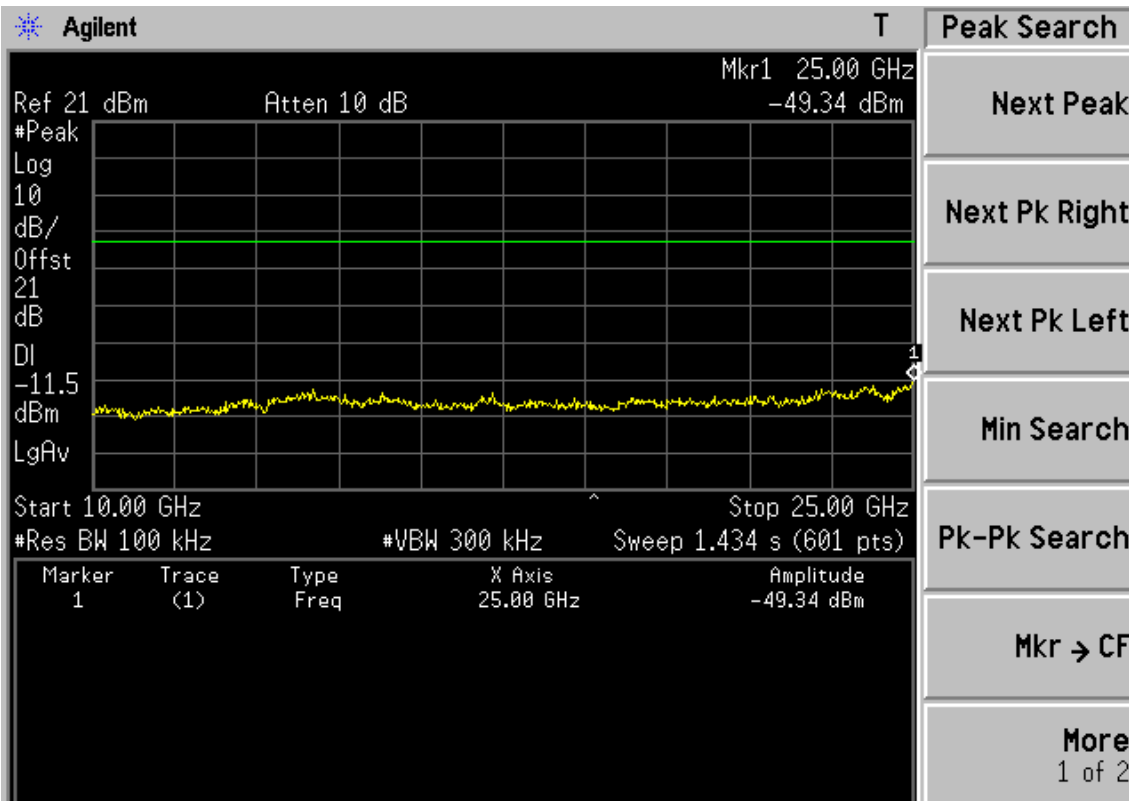




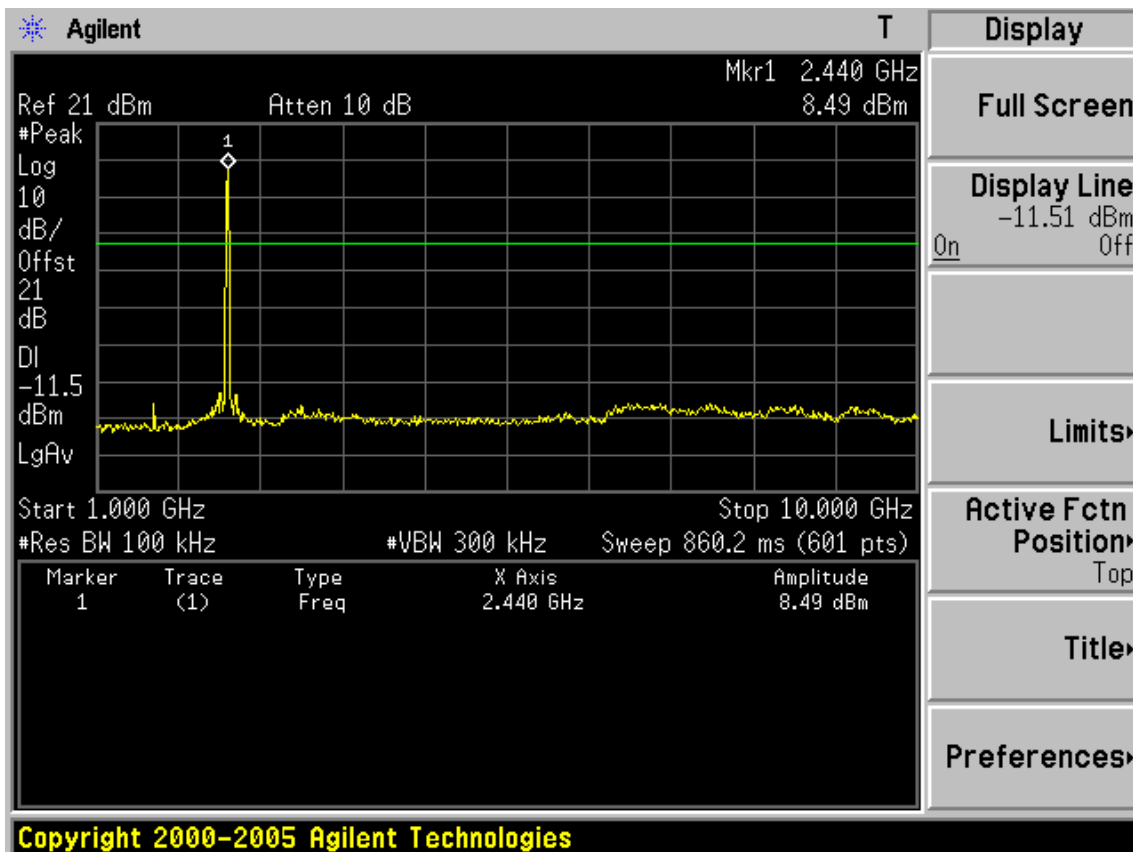
Test CH6: 2437MHz



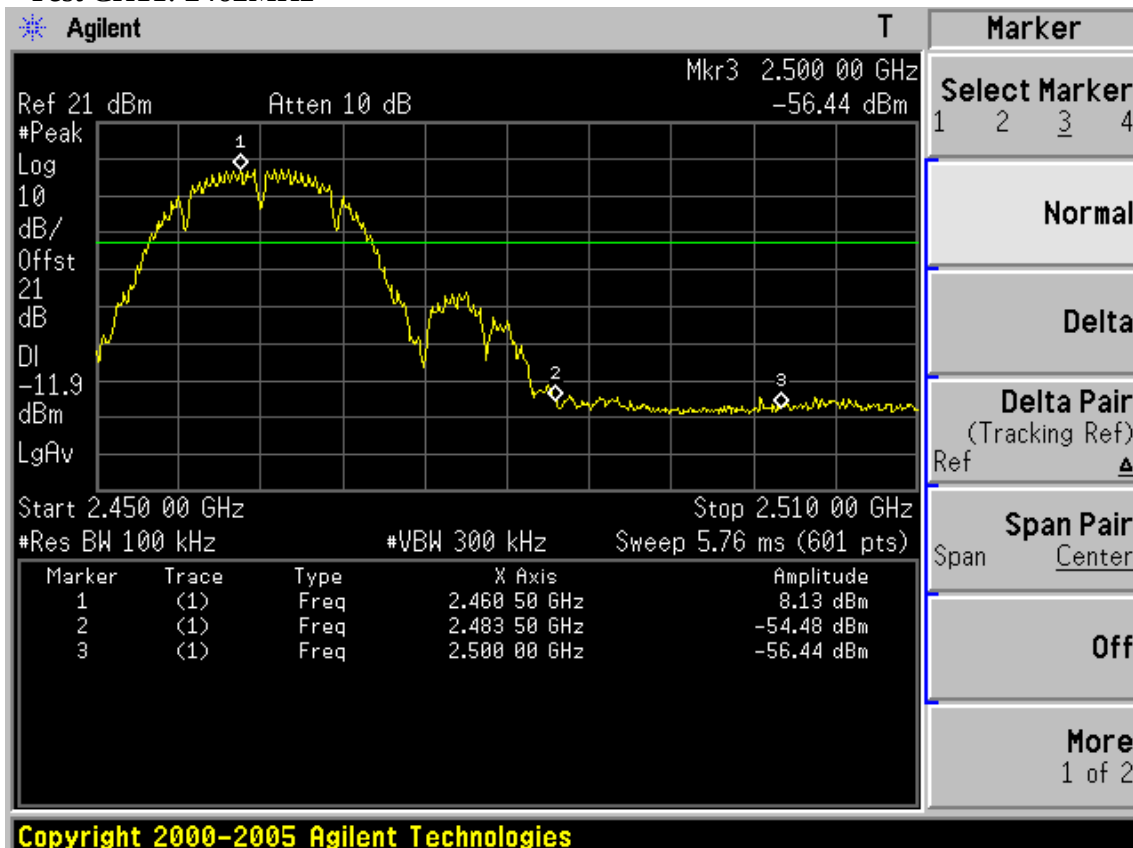
Copyright 2000-2005 Agilent Technologies

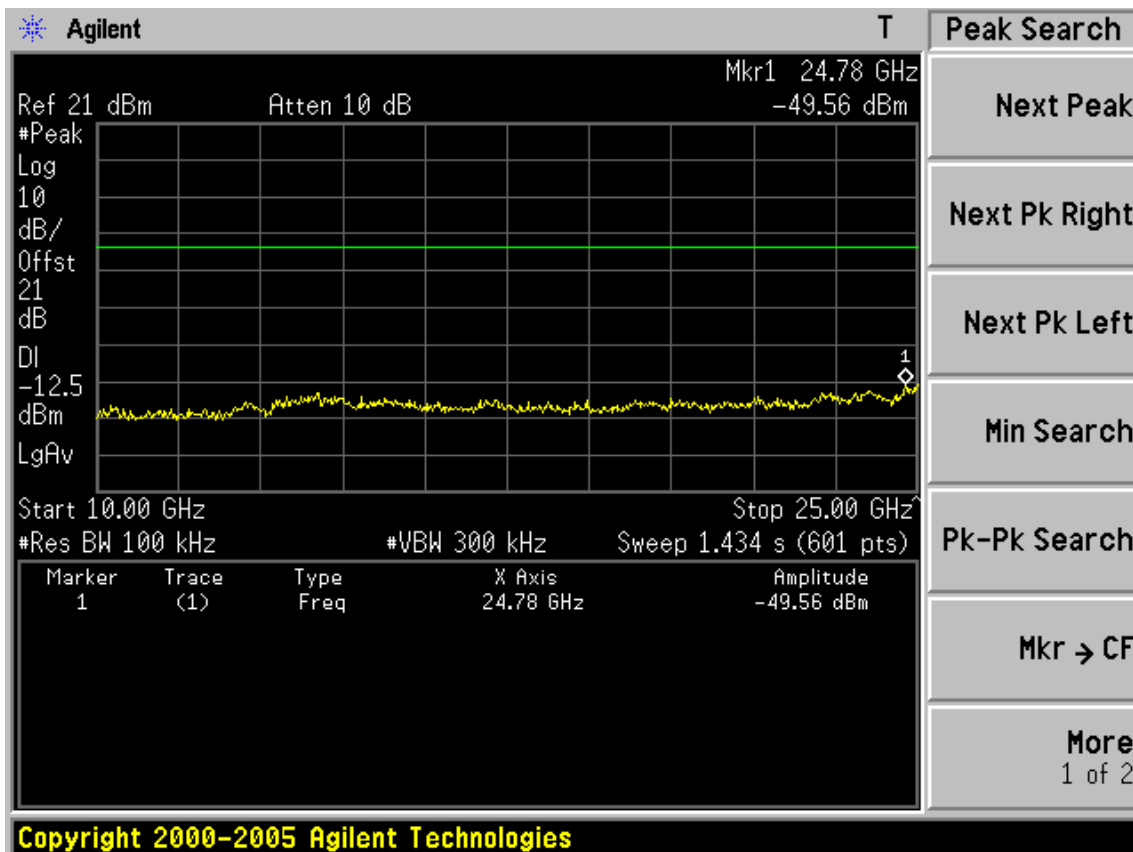
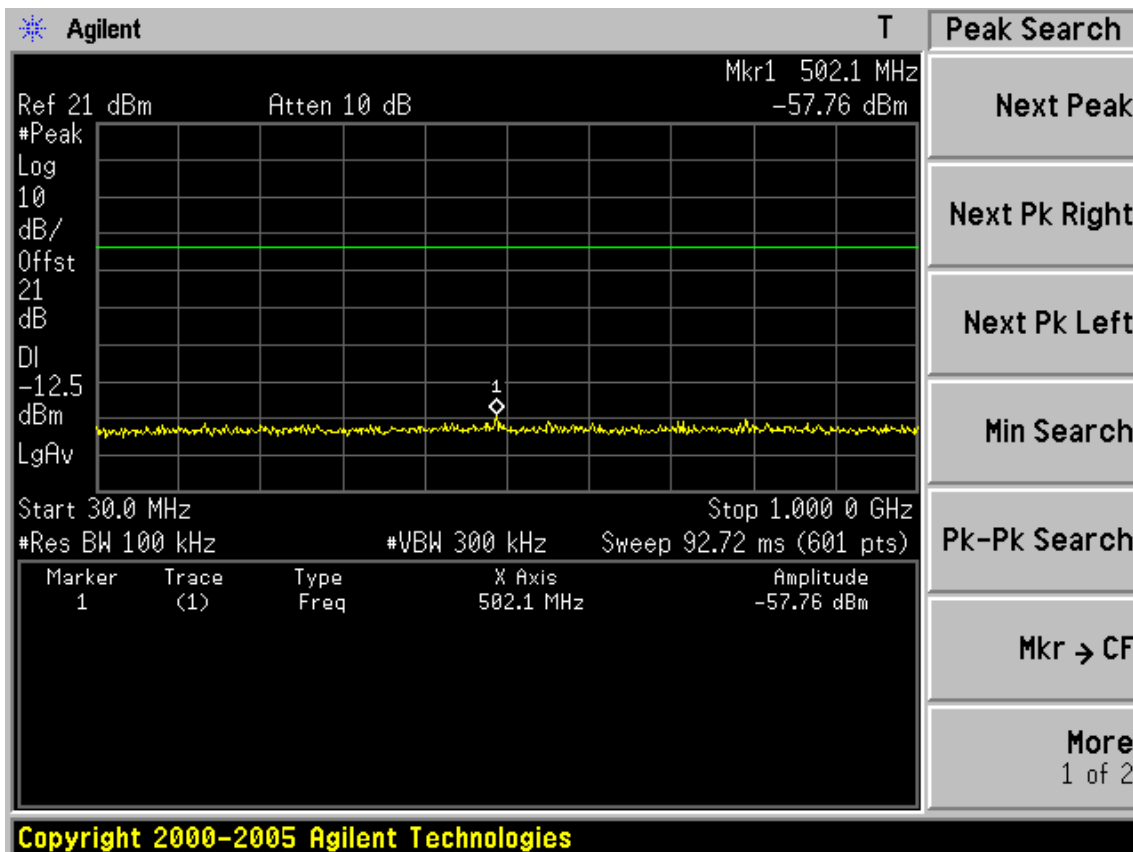


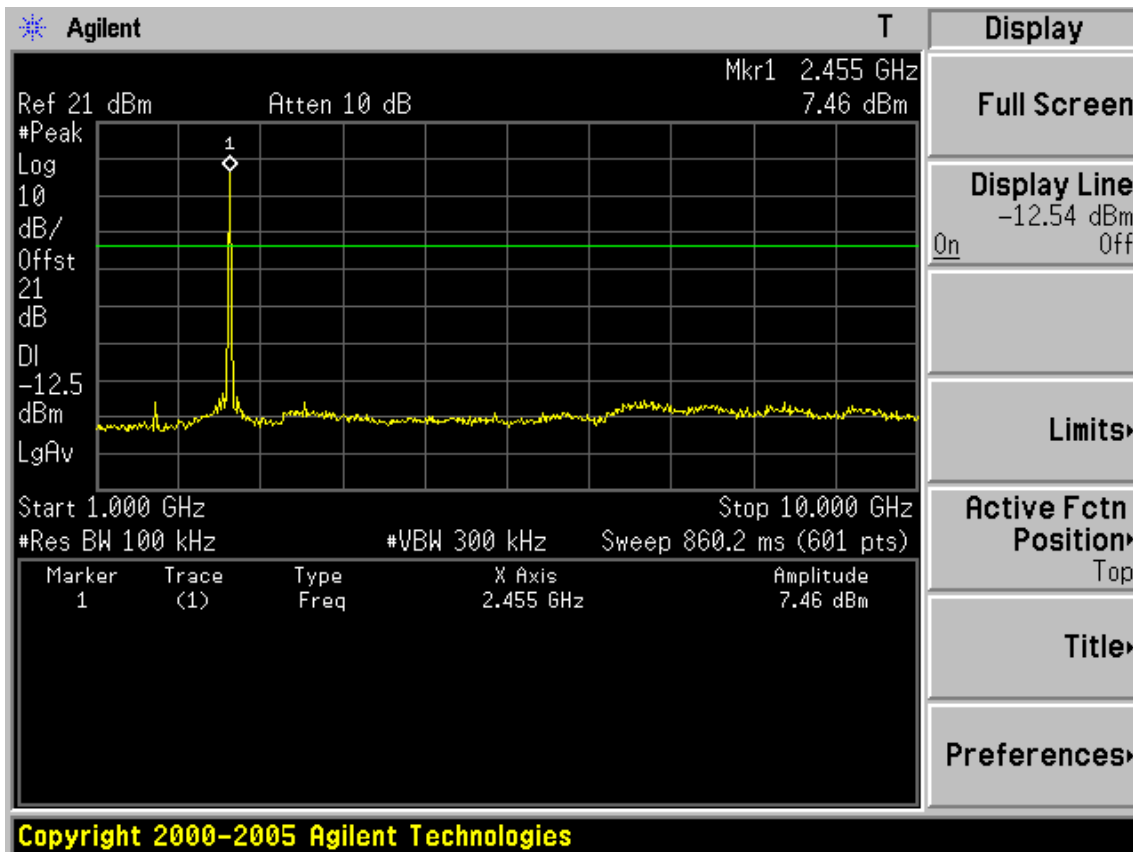
Copyright 2000-2005 Agilent Technologies



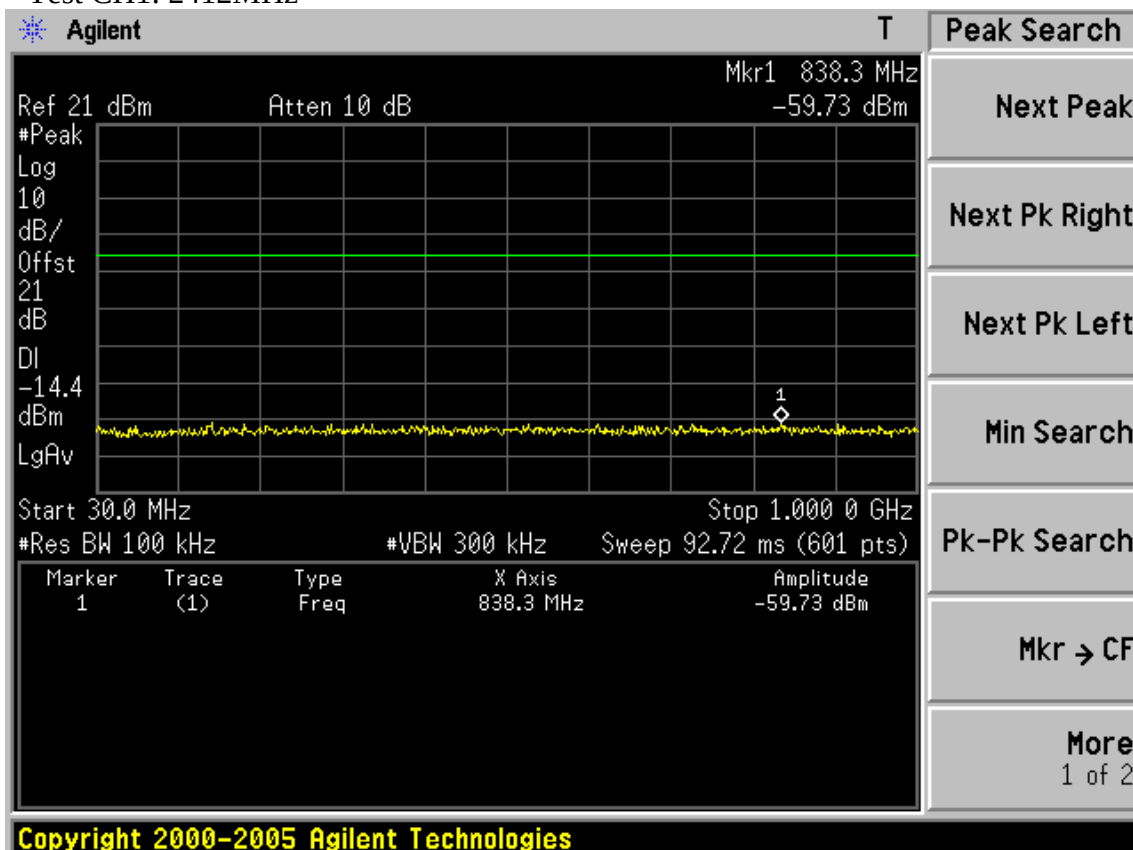
Test CH11: 2462MHz

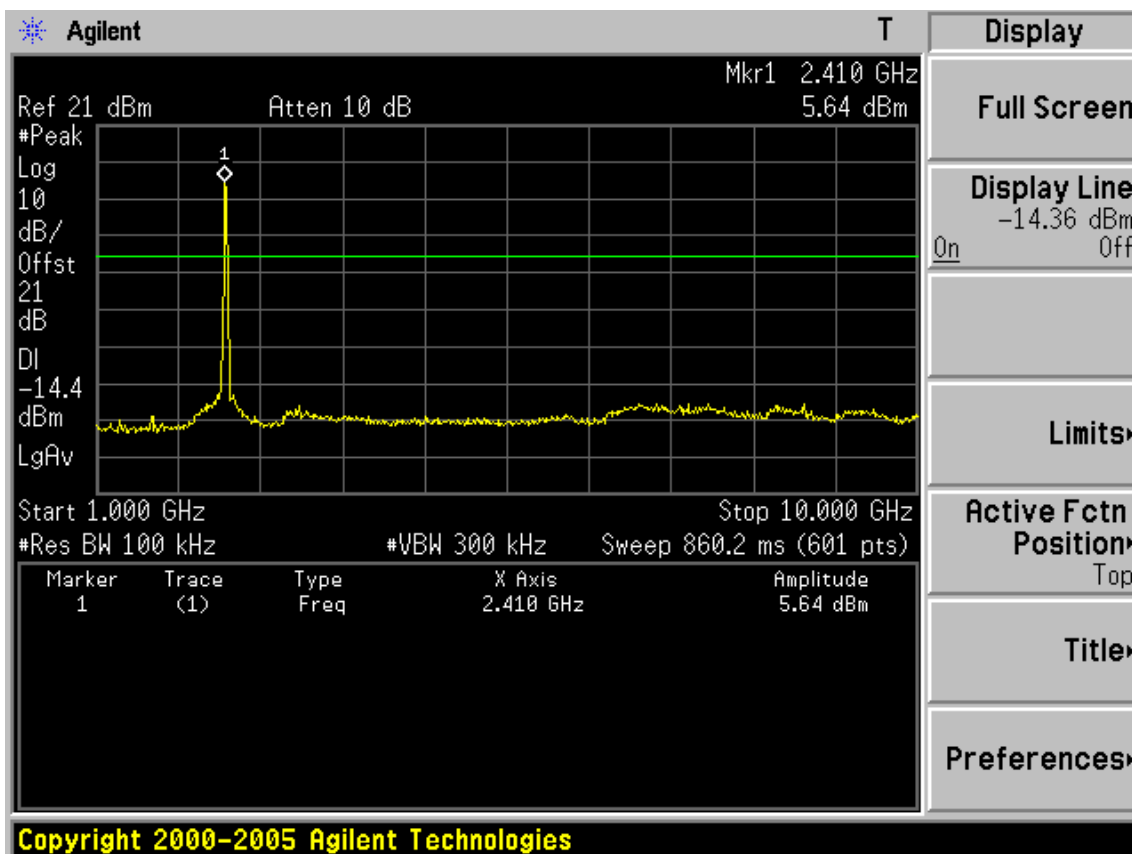
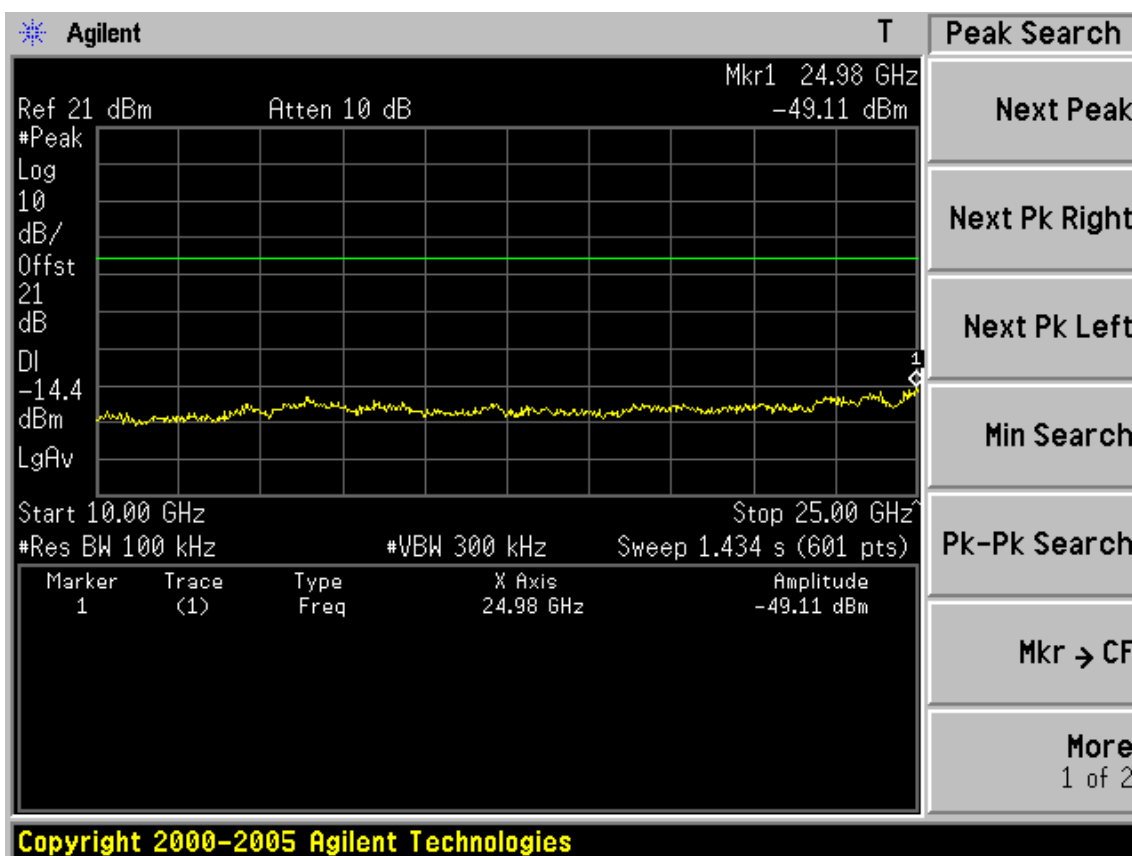


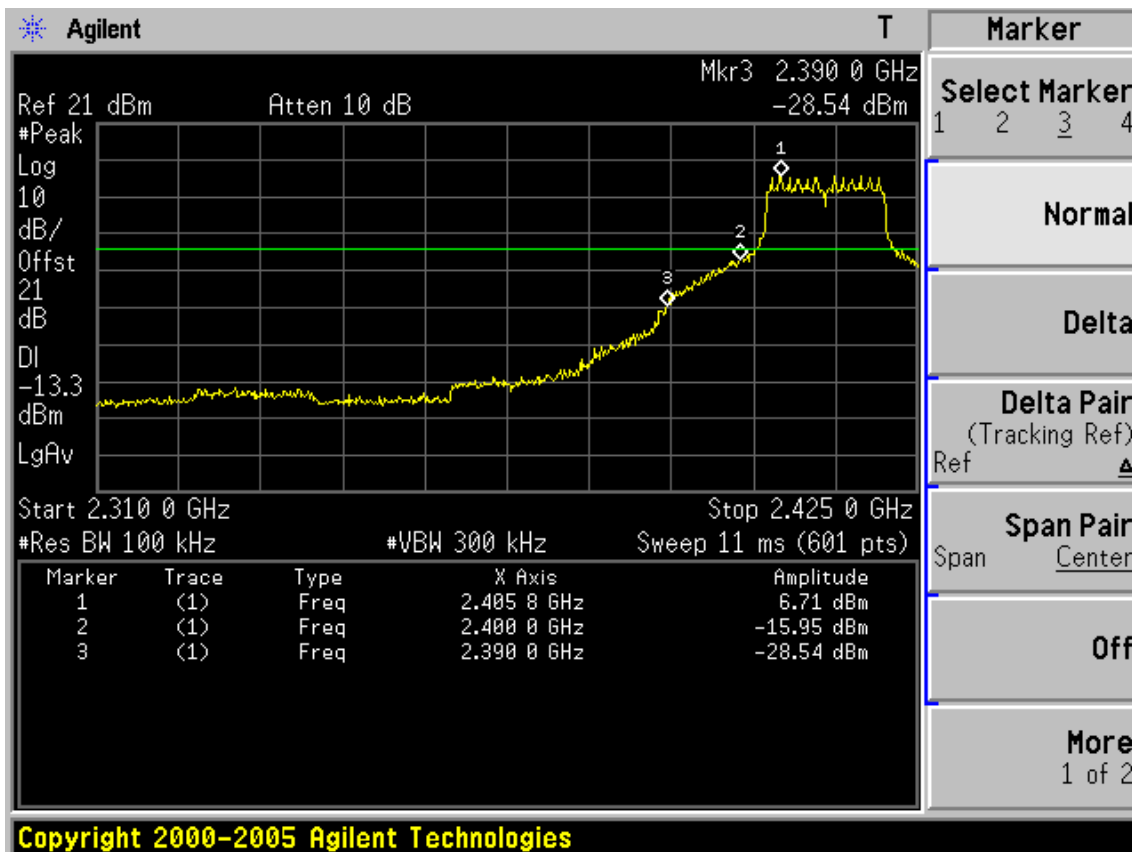




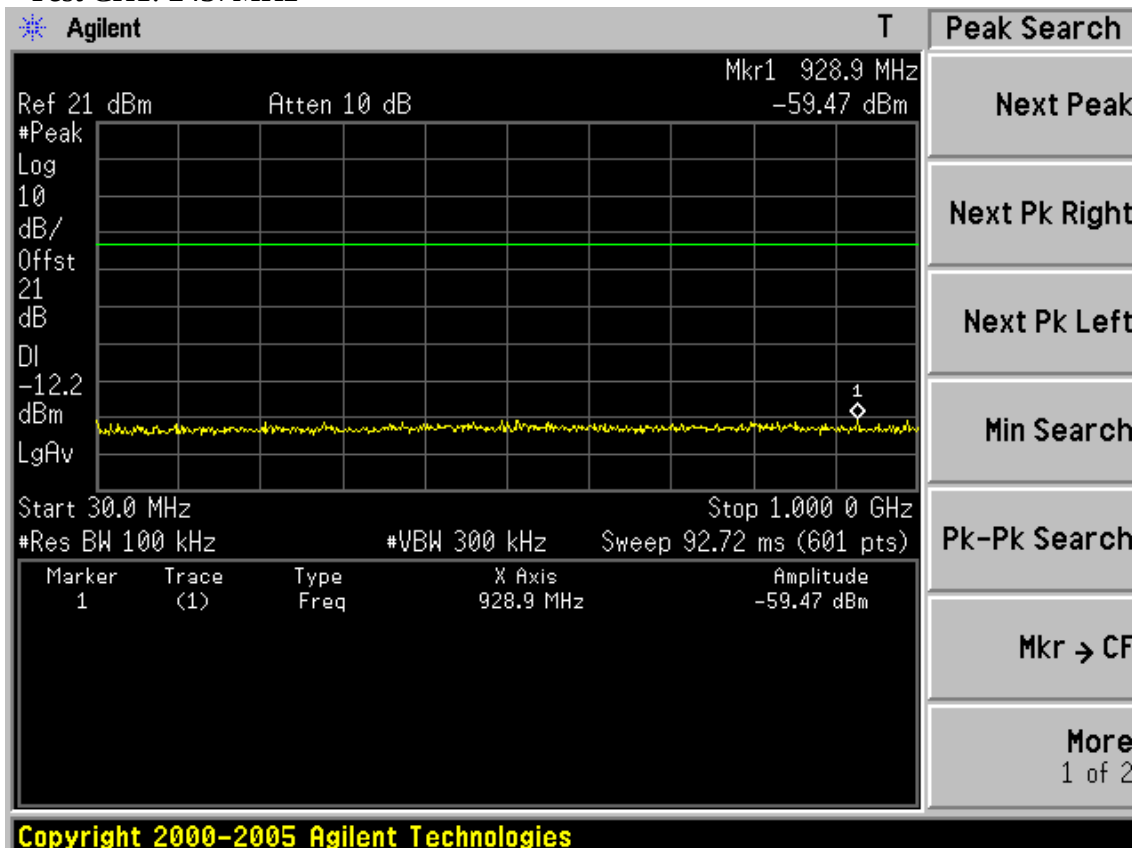
Test Mode: IEEE 802.11g TX
Test CH1: 2412MHz

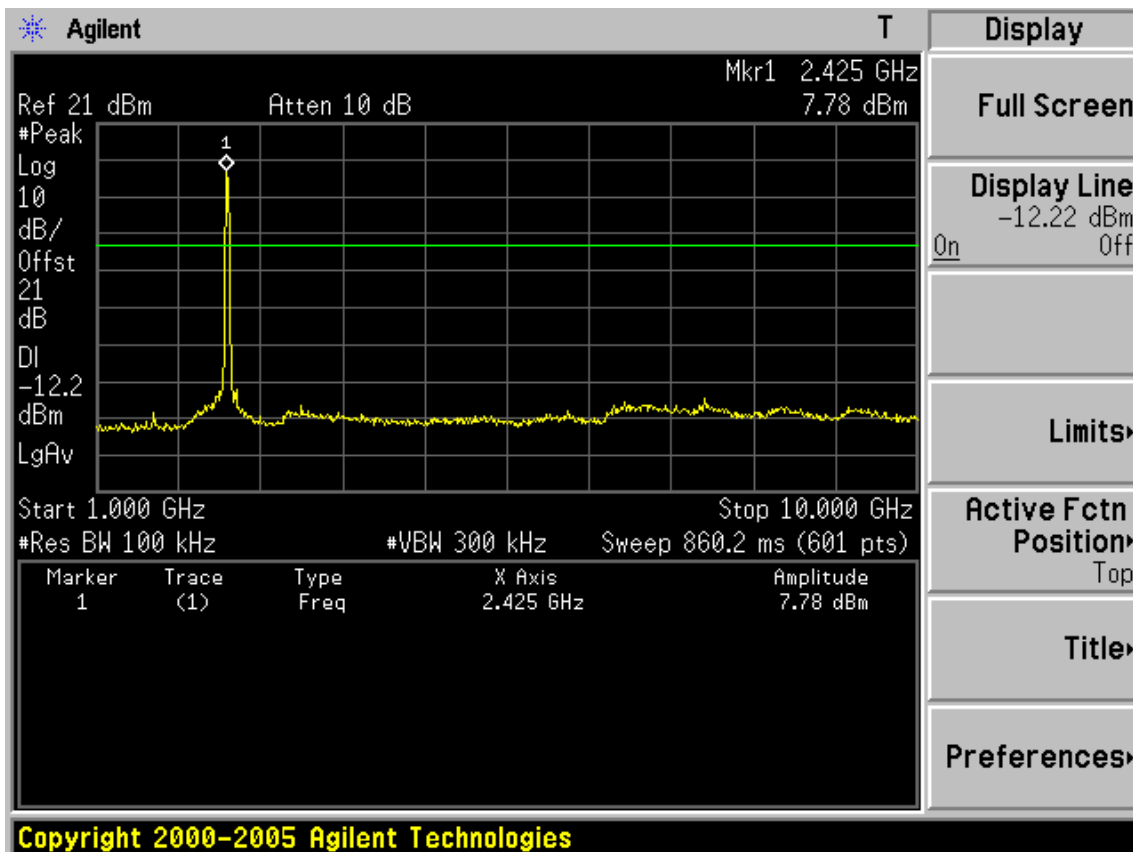




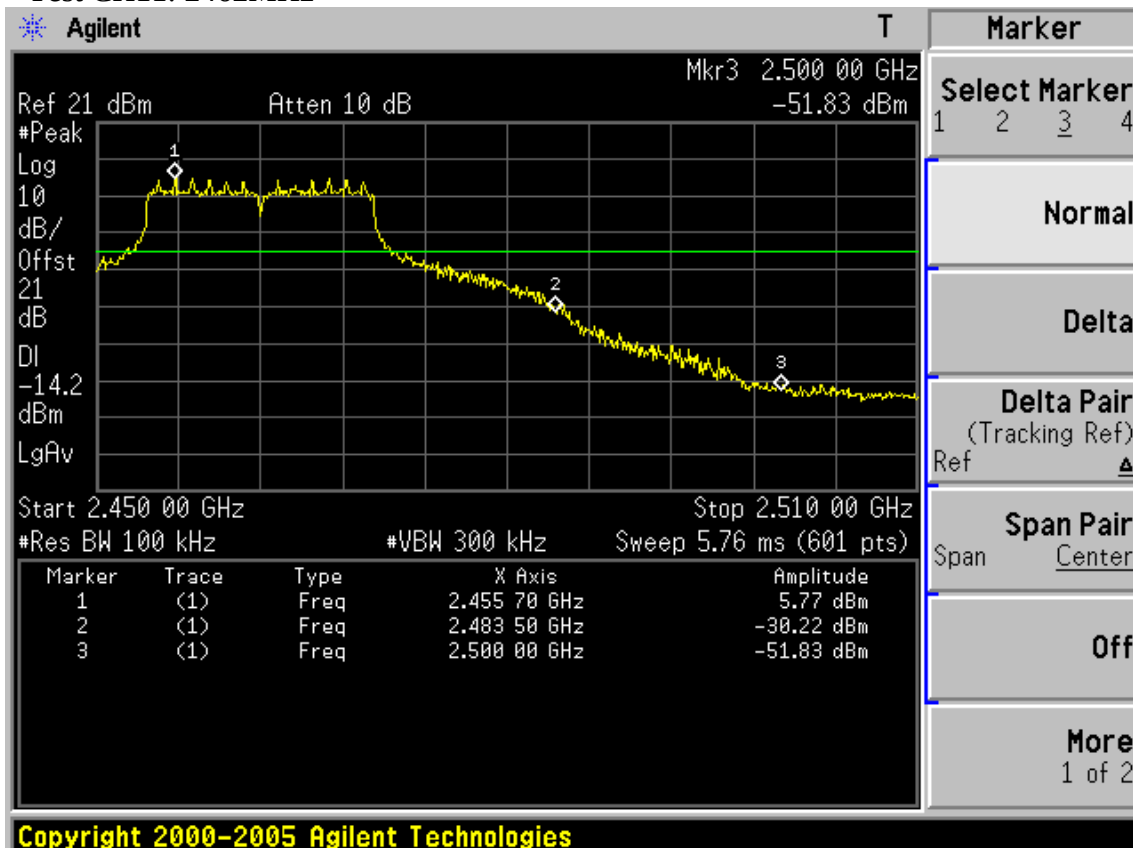


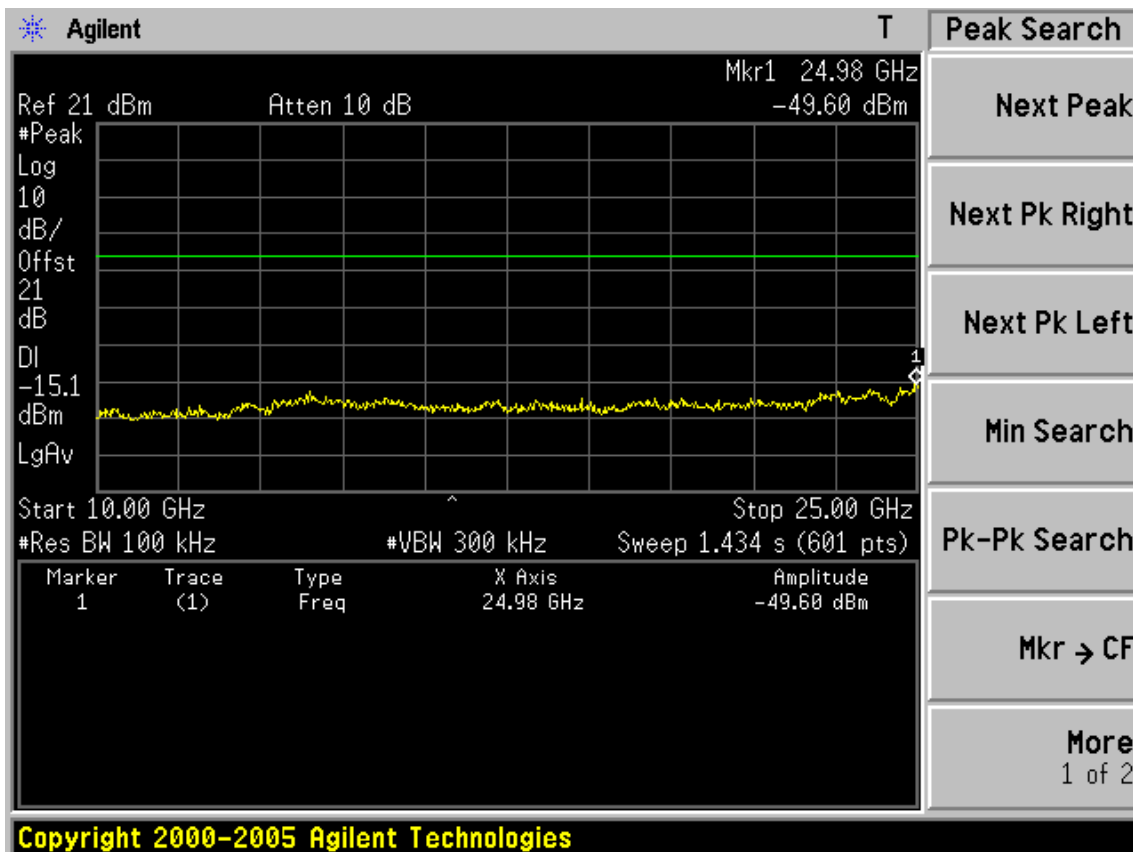
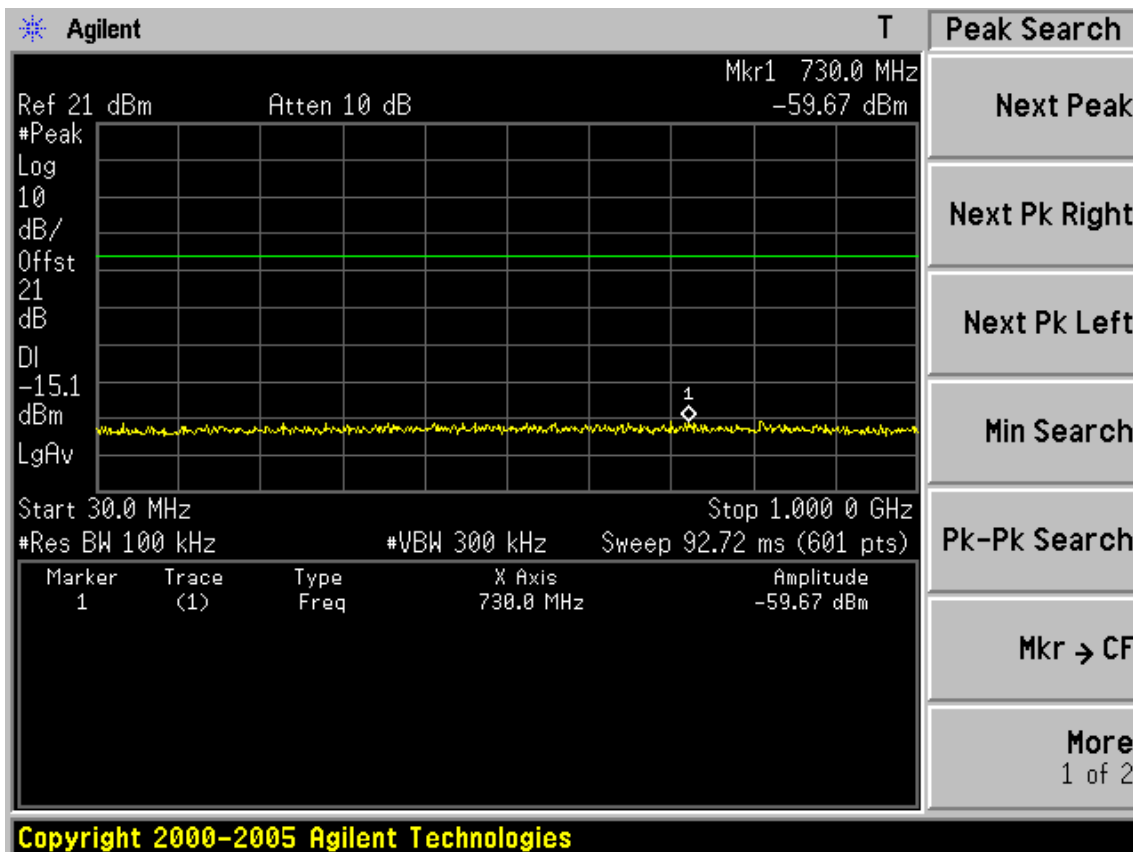
Test CH1: 2437MHz

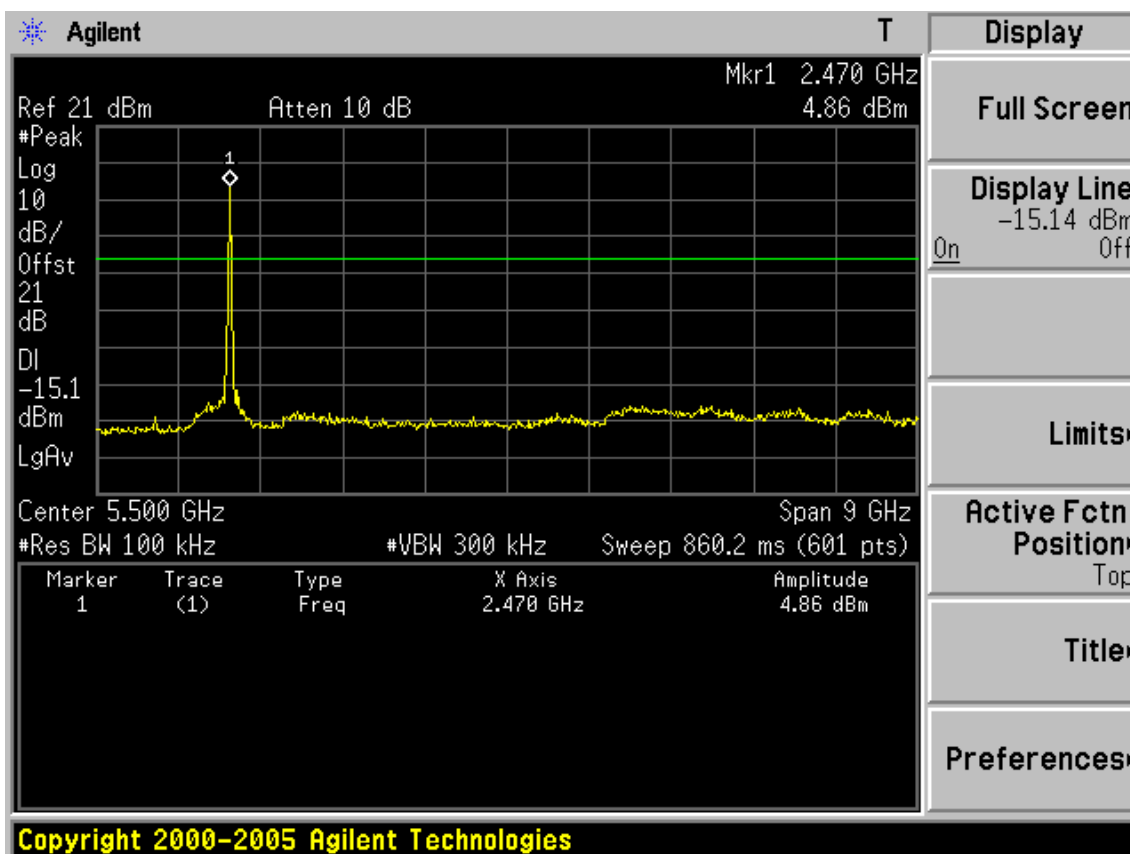




Test CH11: 2462MHz

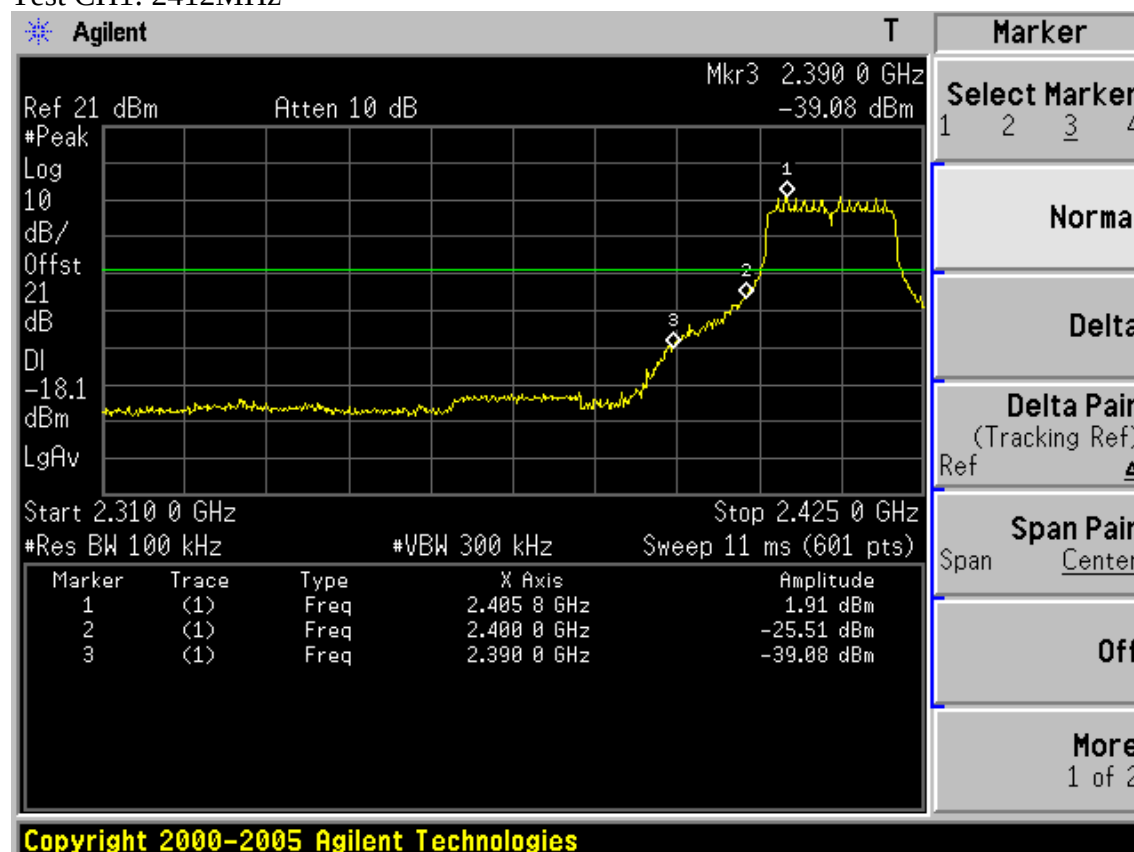


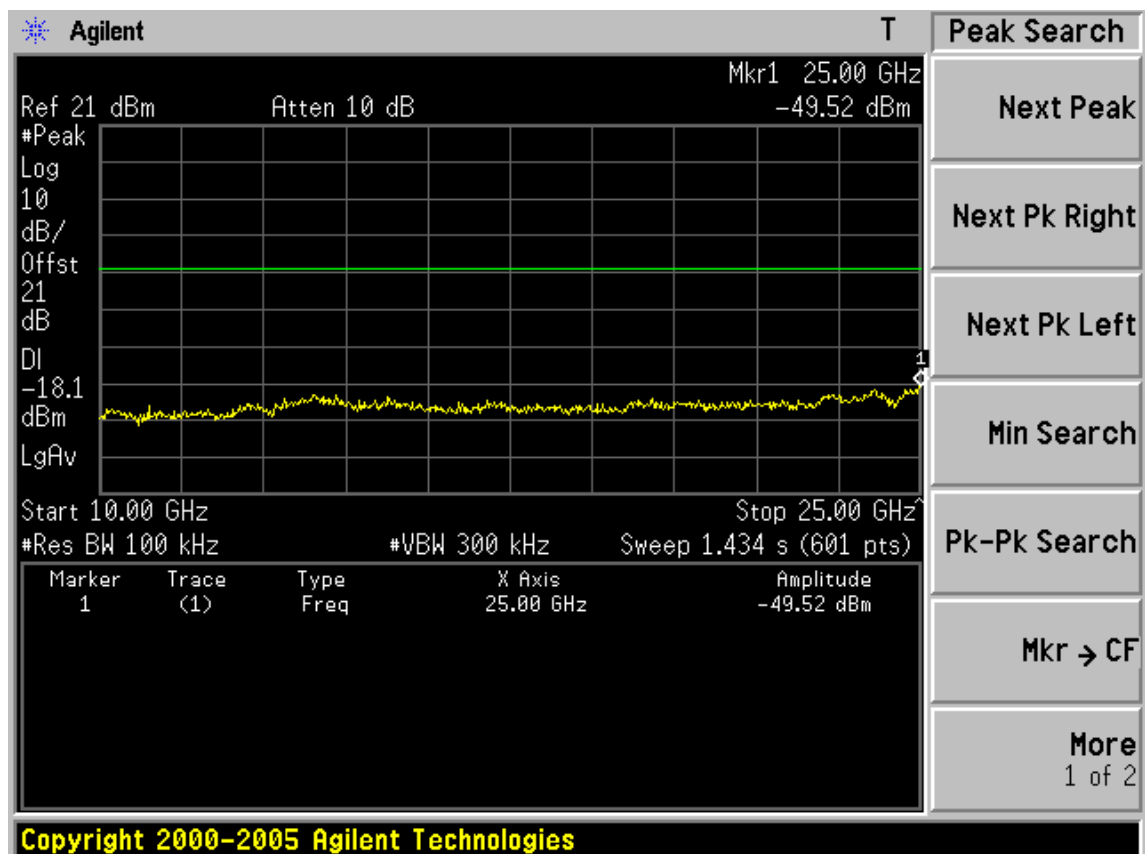
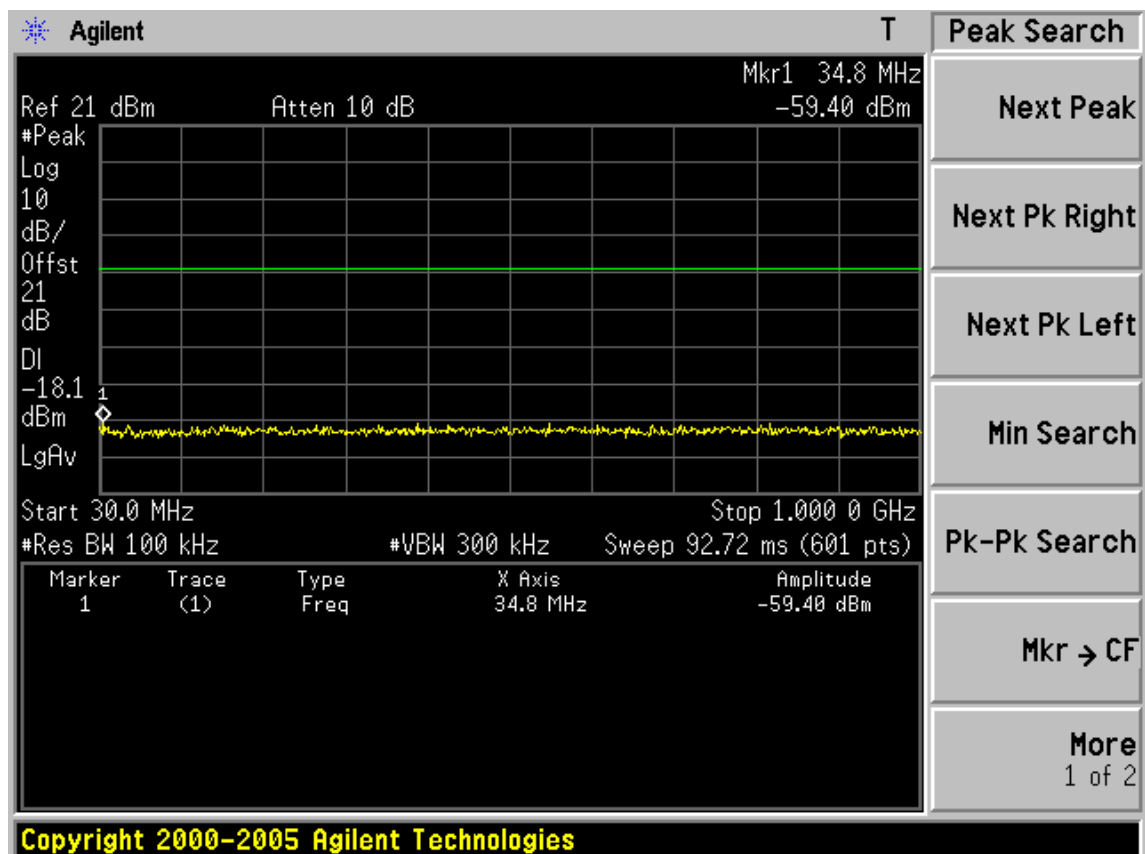


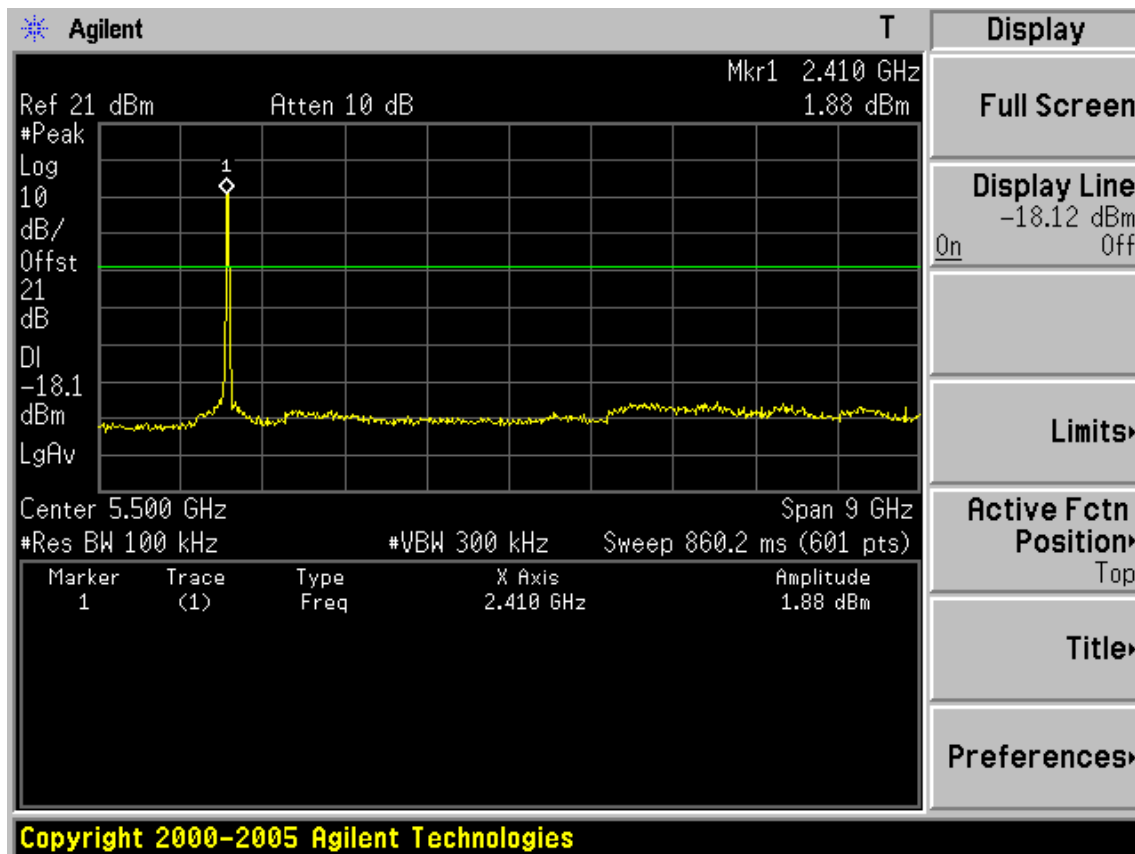


Test Mode: IEEE 11nHT20

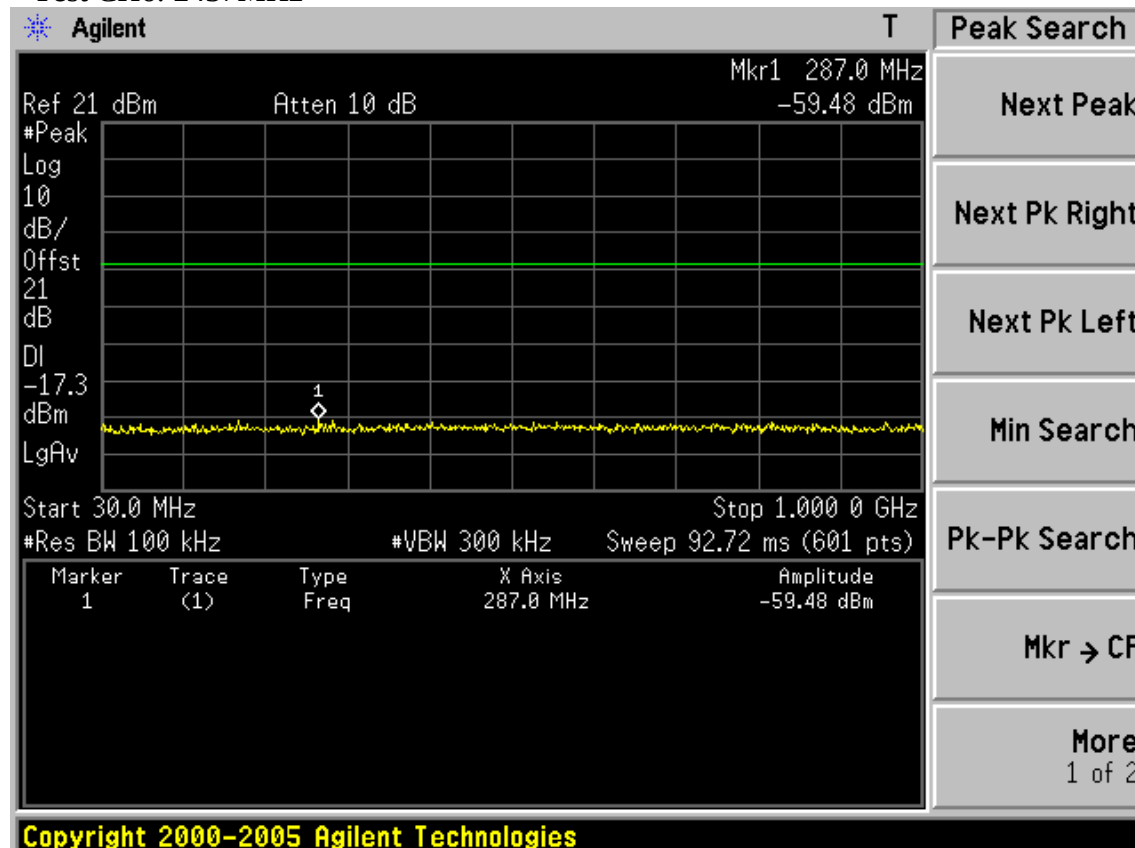
Test CH1: 2412MHz

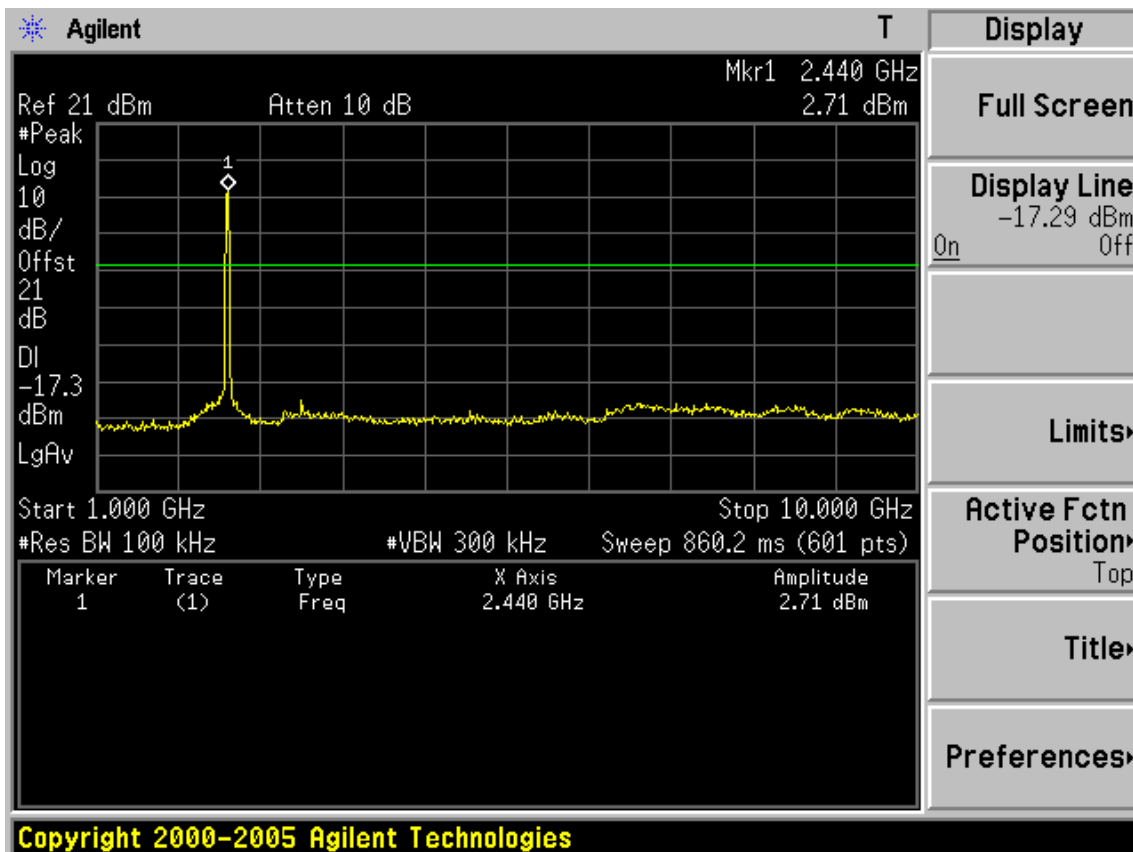
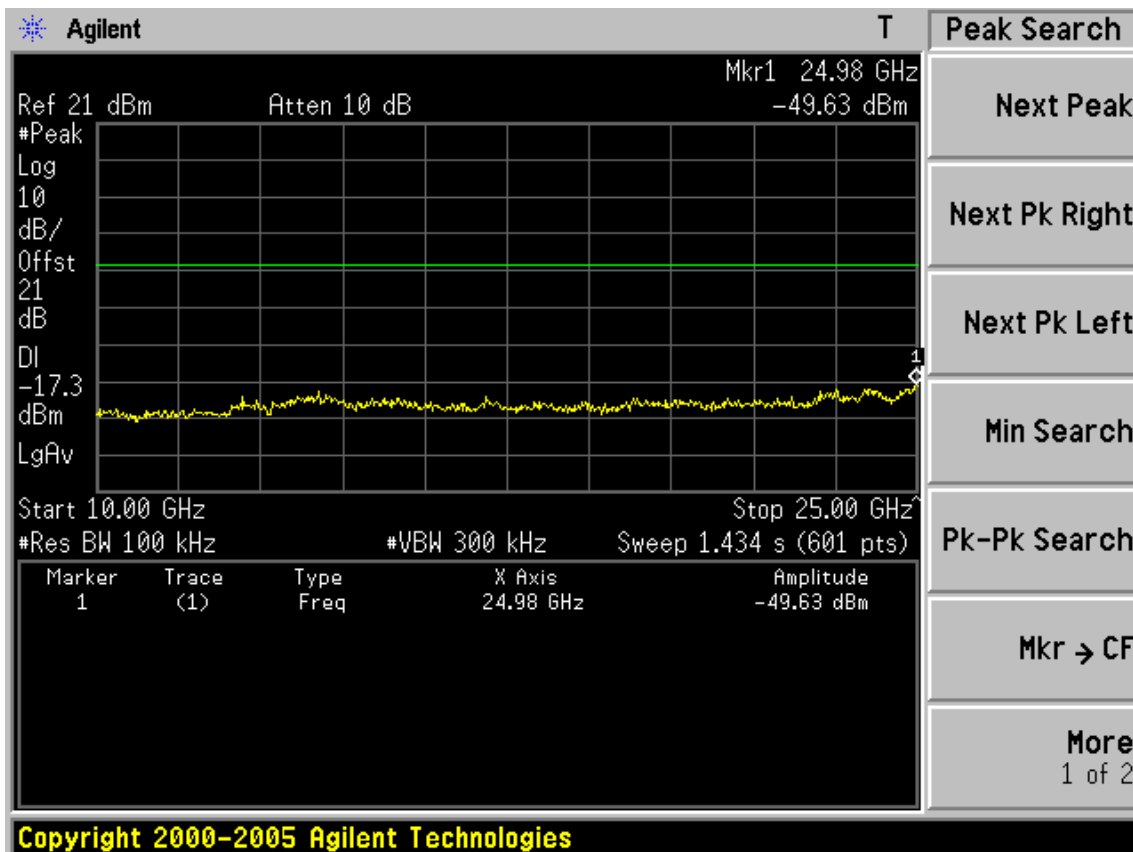




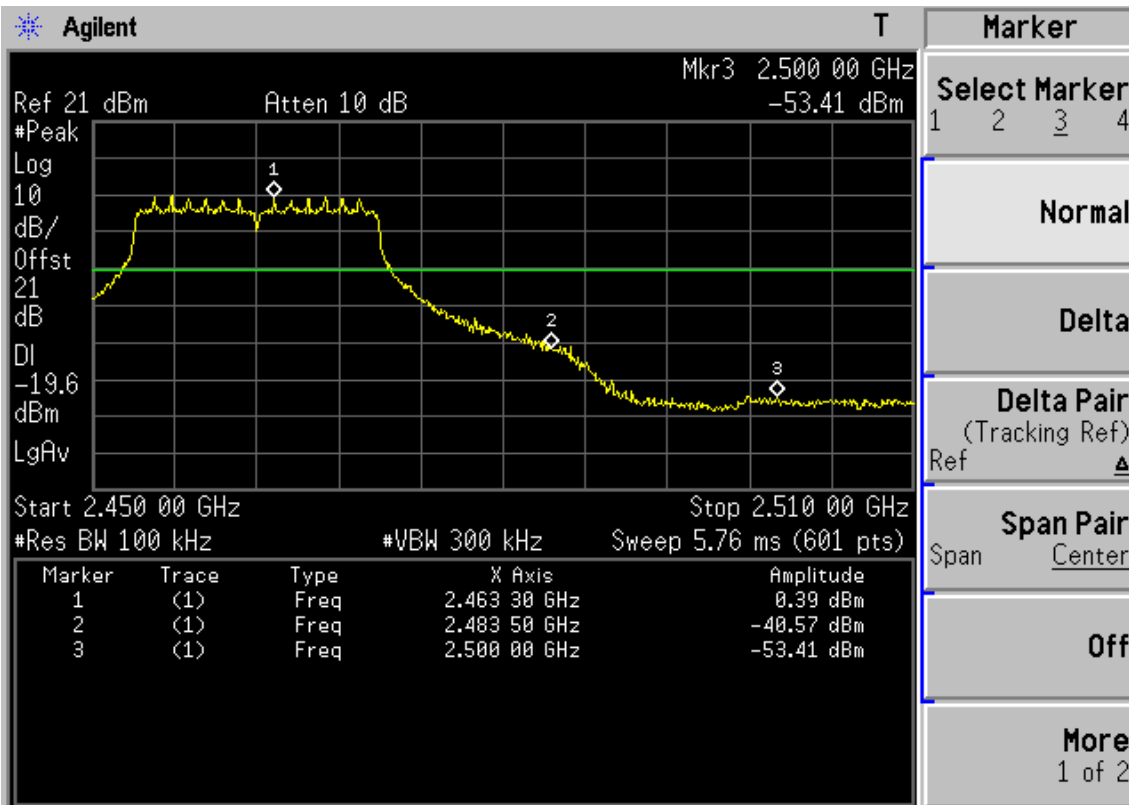


Test CH6: 2437MHz

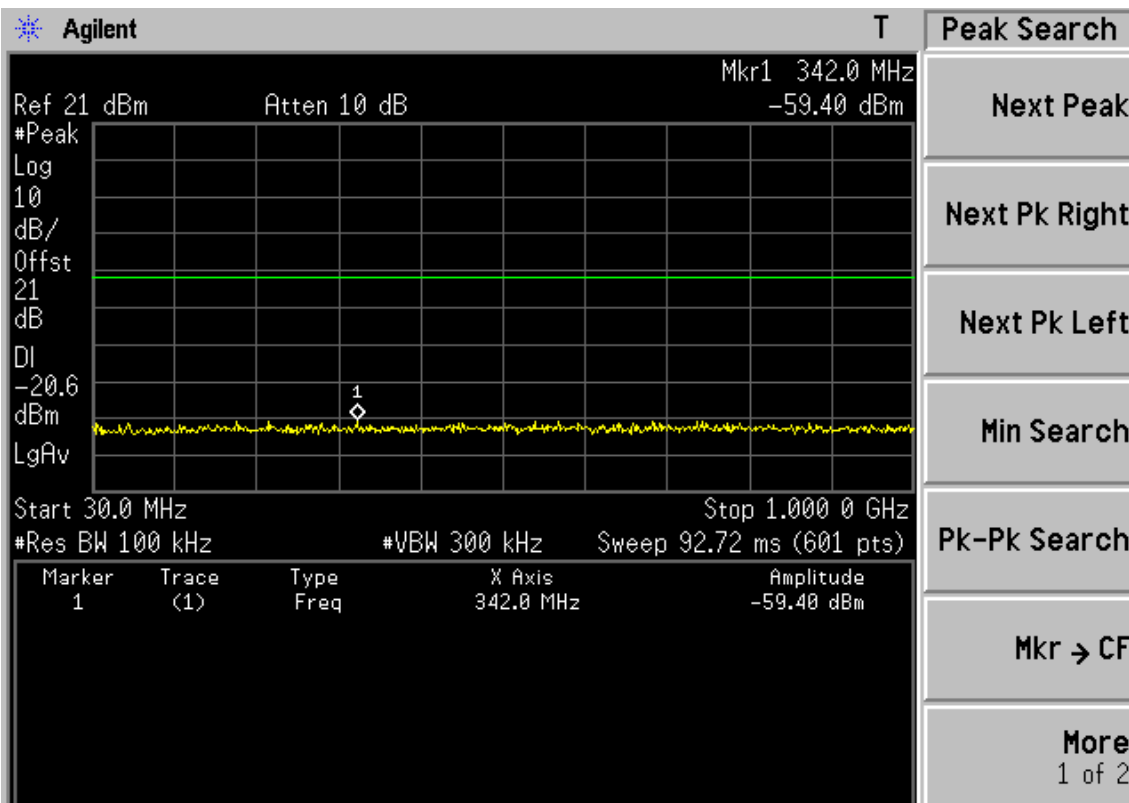




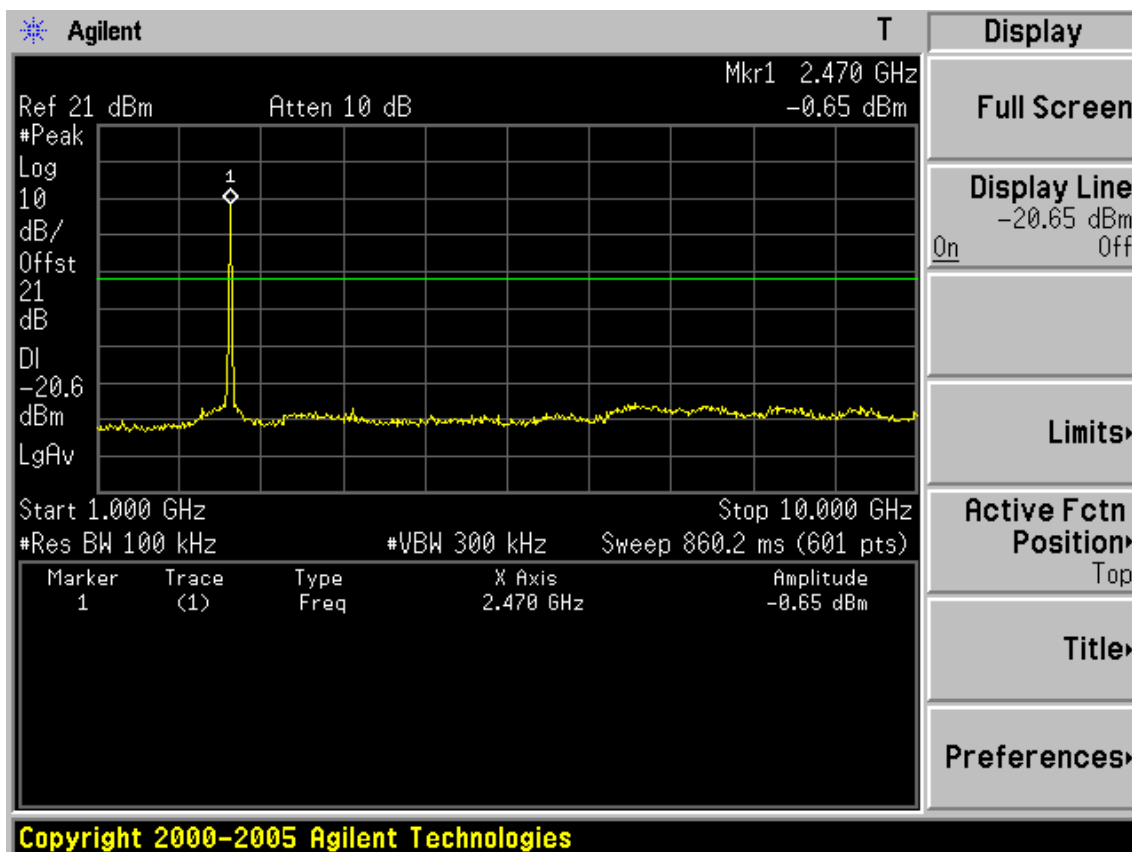
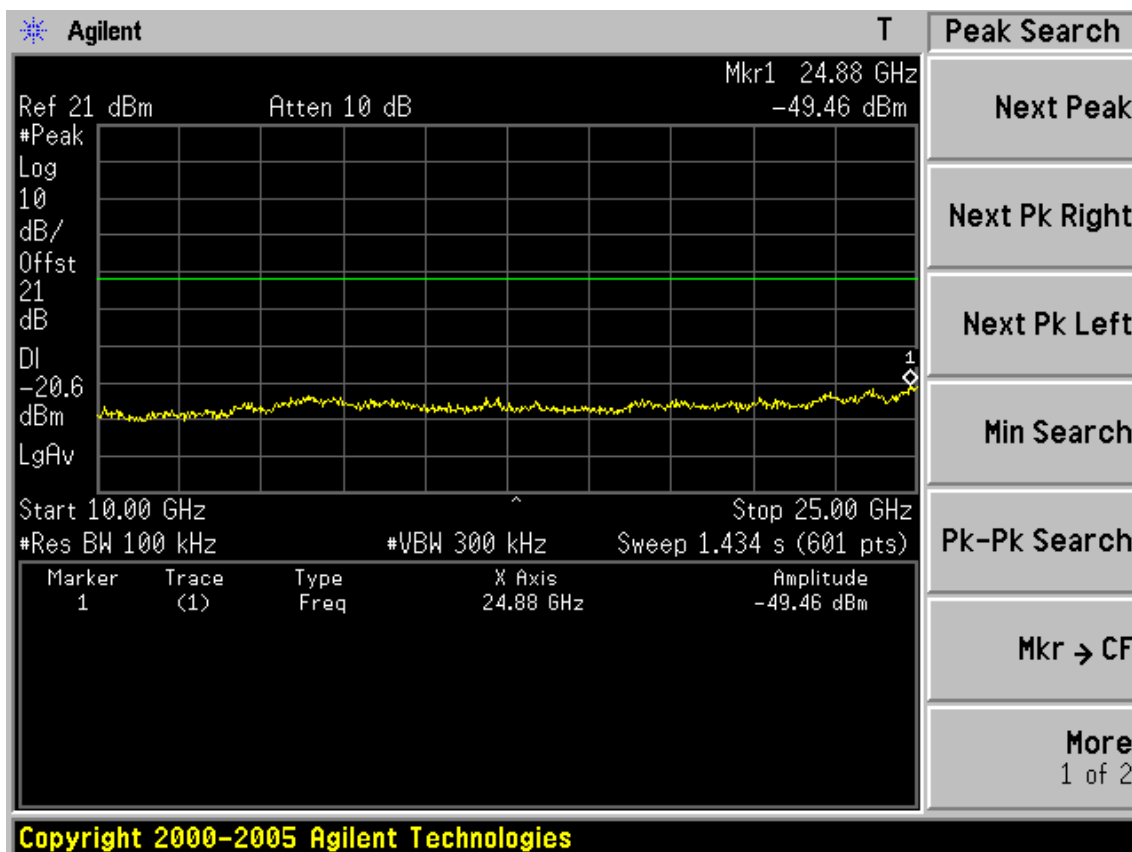
Test CH11: 2462MHz



Copyright 2000-2005 Agilent Technologies

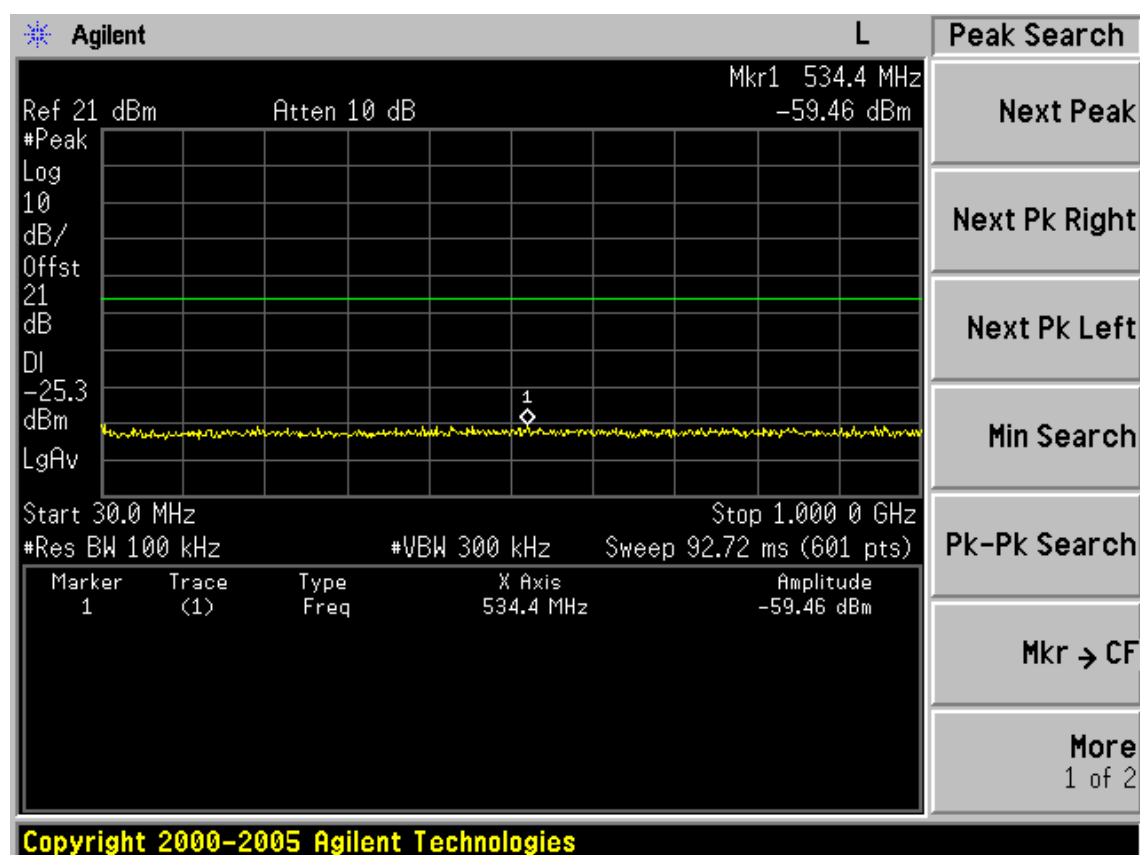
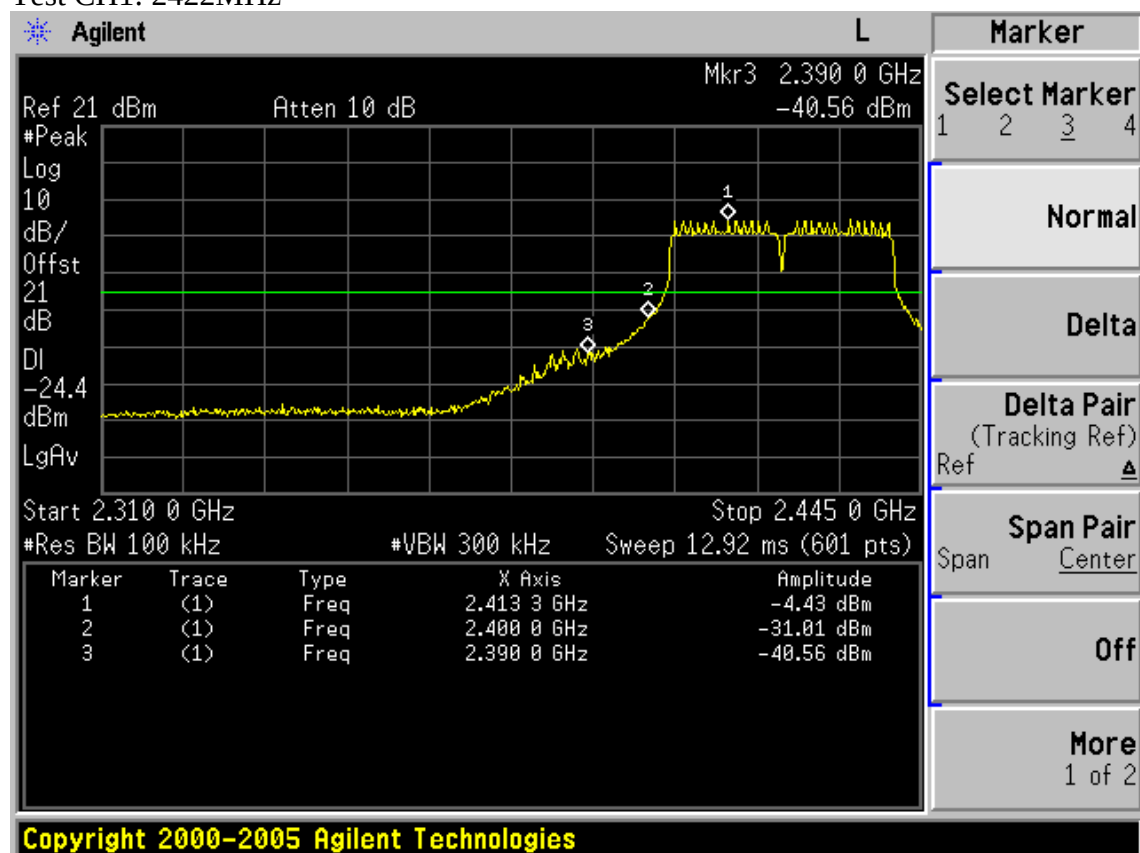


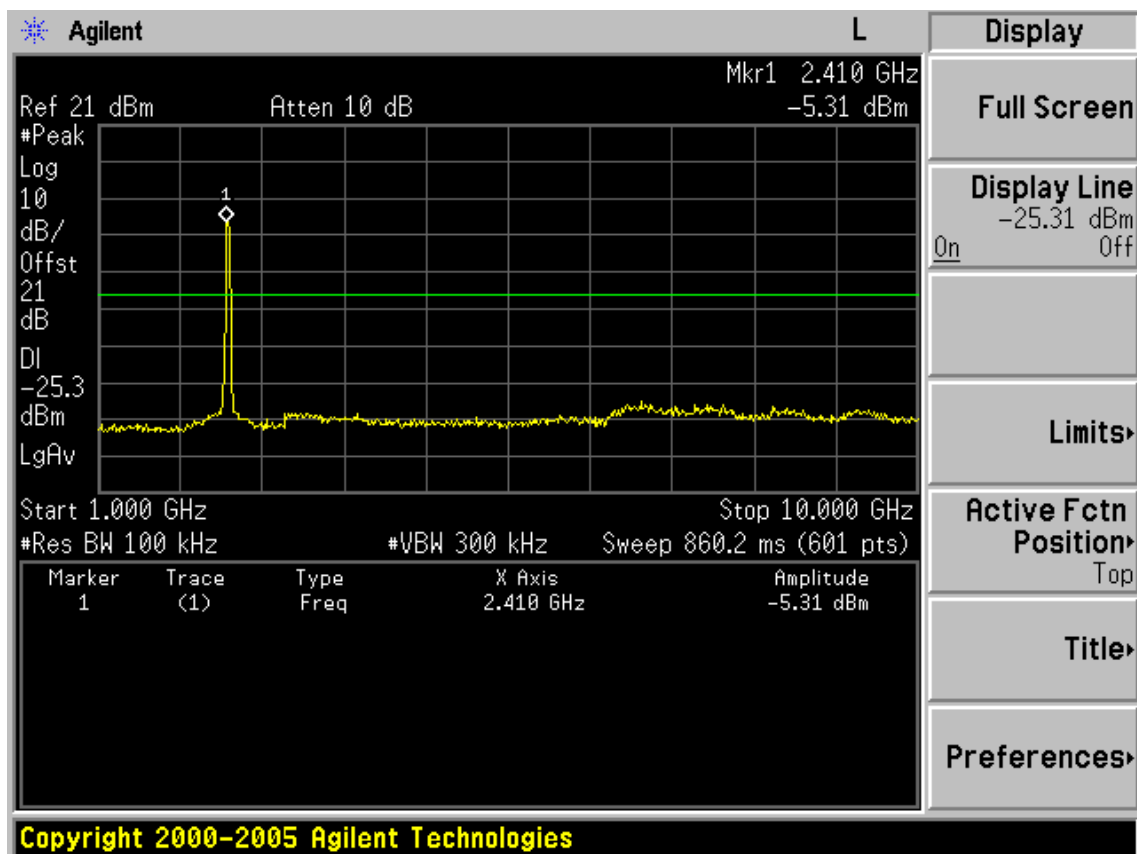
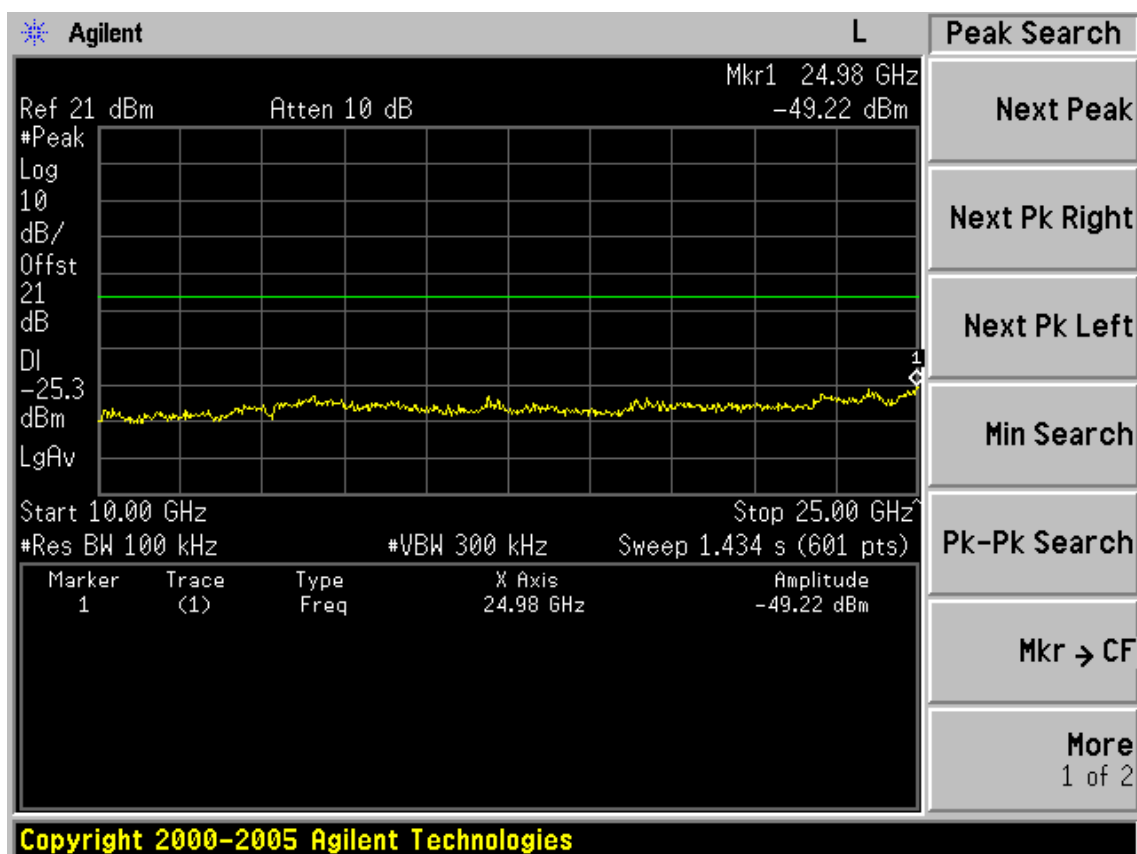
Copyright 2000-2005 Agilent Technologies



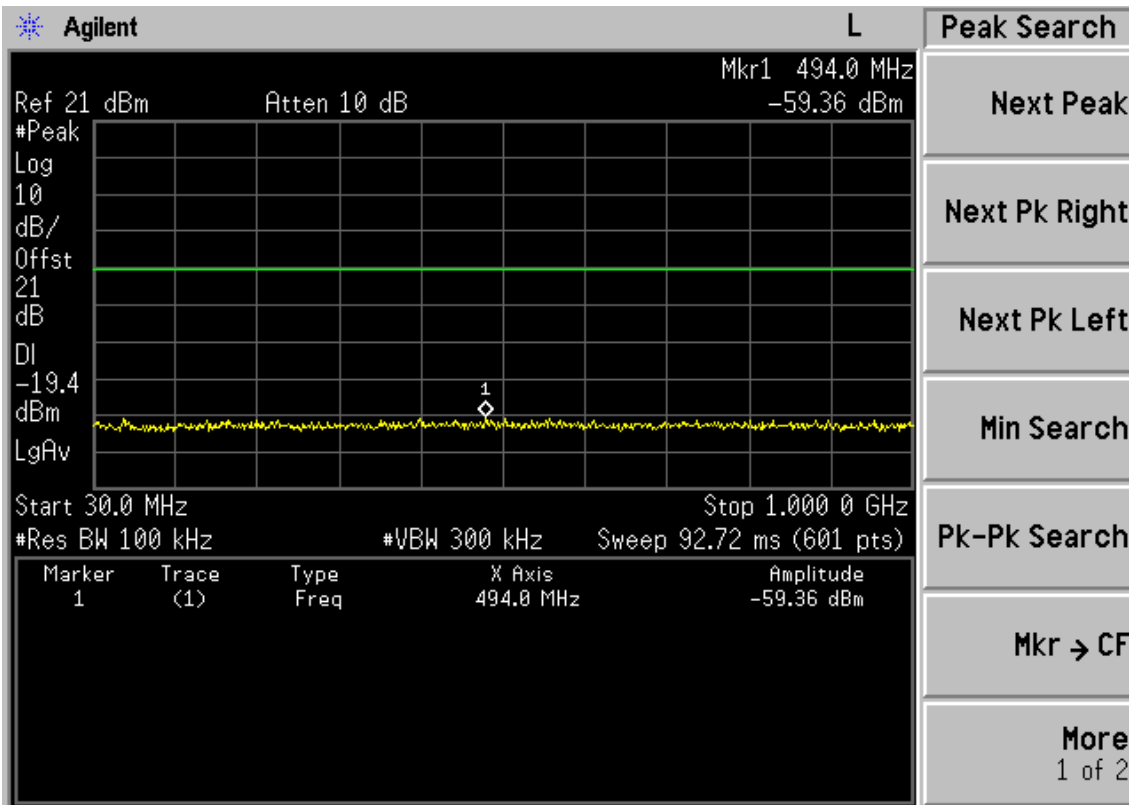
Test Mode: IEEE 11nHT40

Test CH1: 2422MHz

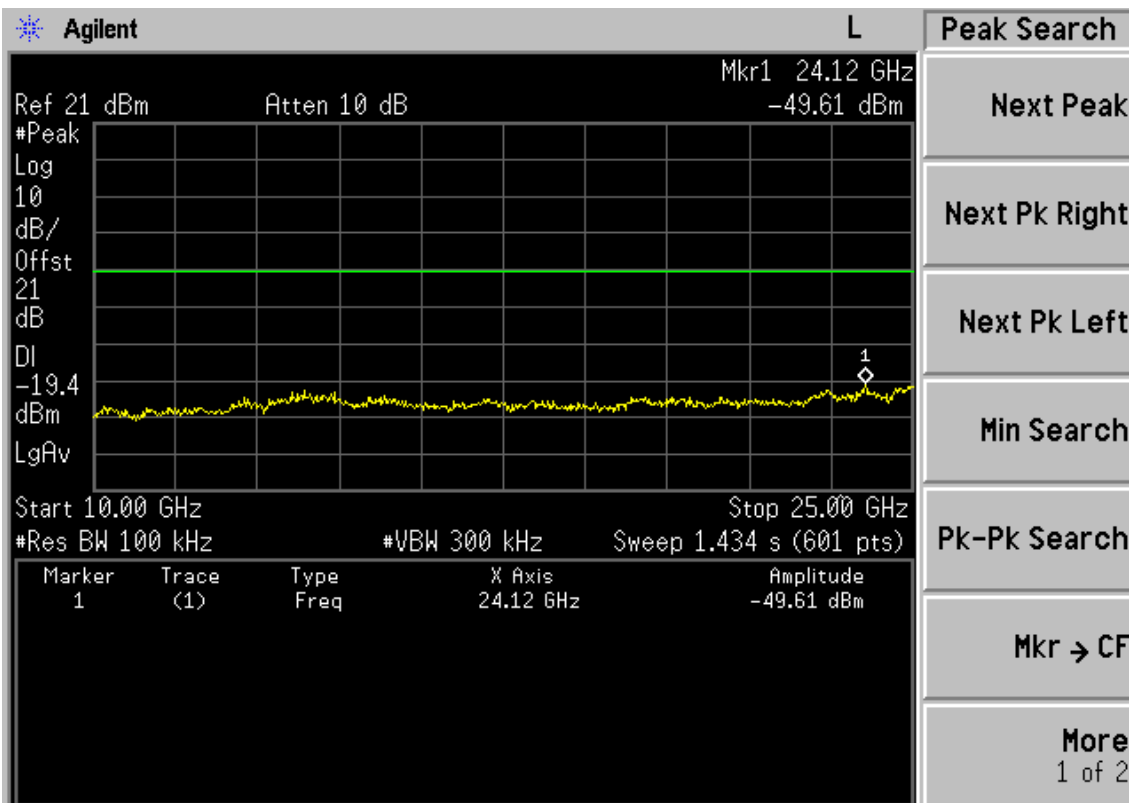




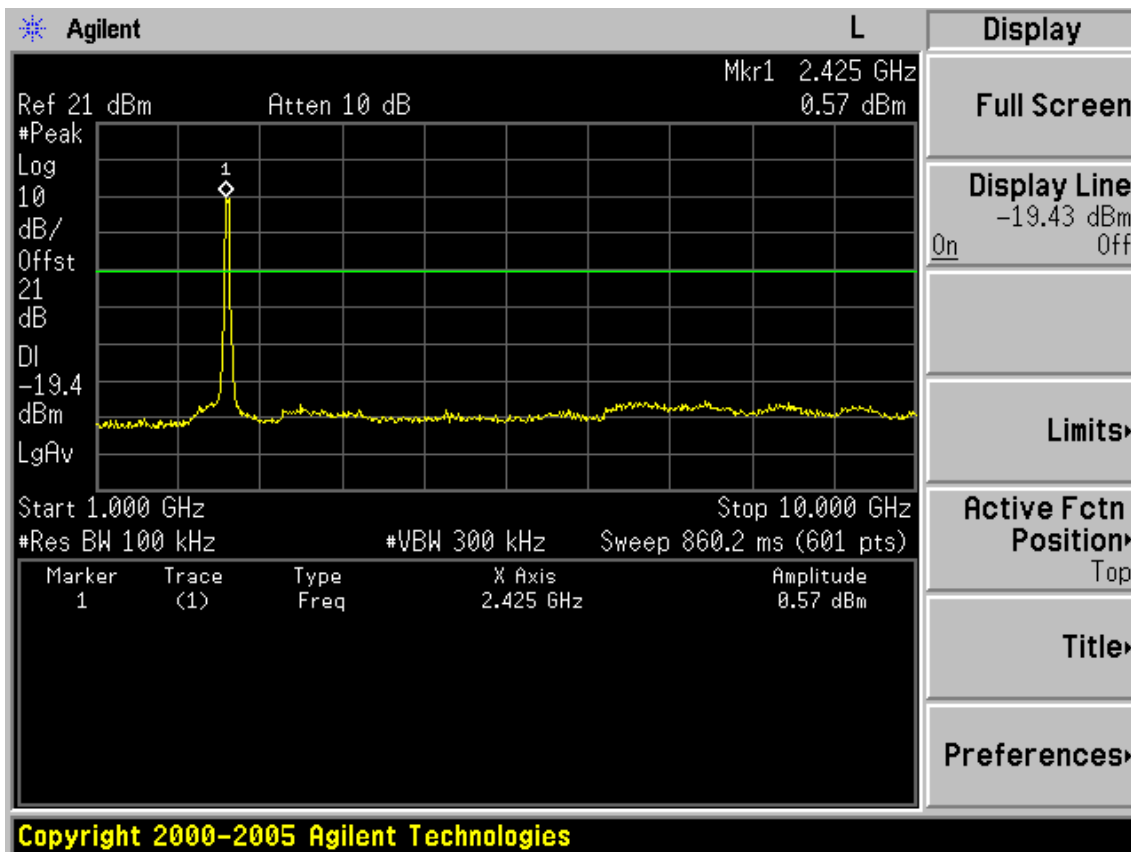
Test CH4: 2437MHz



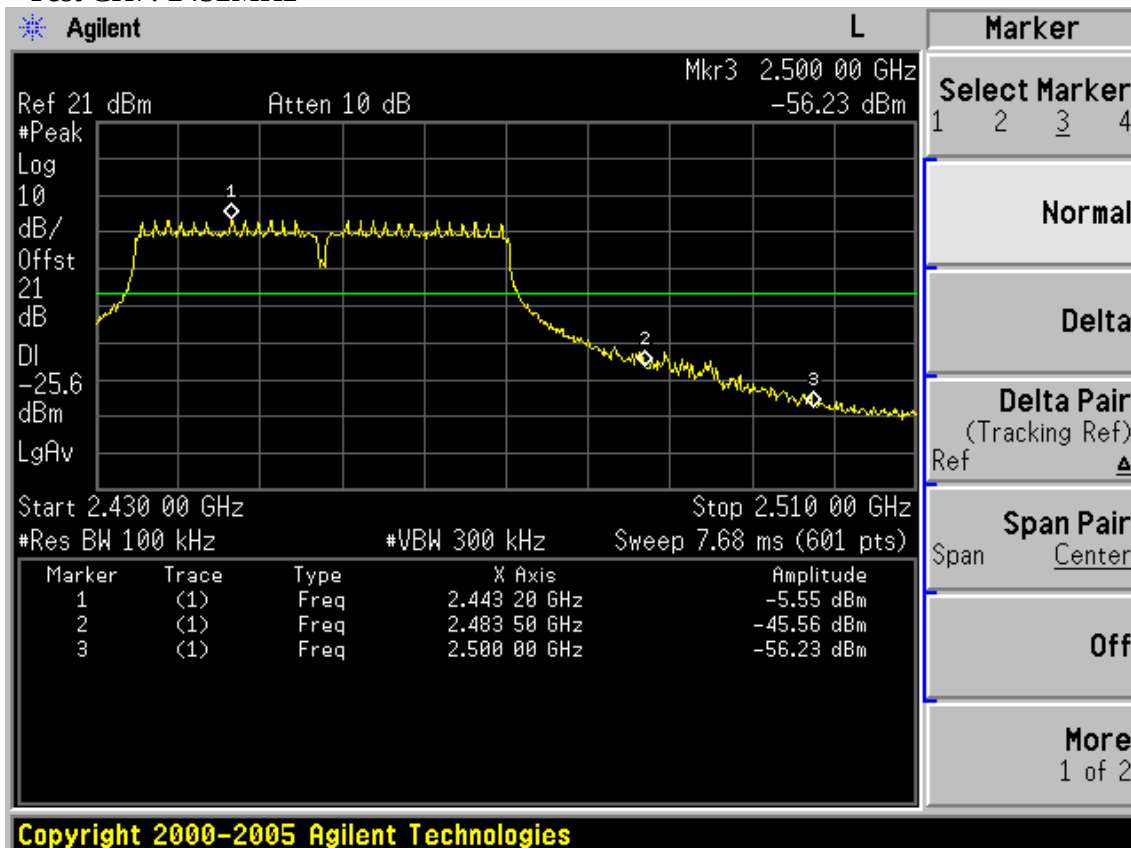
Copyright 2000-2005 Agilent Technologies

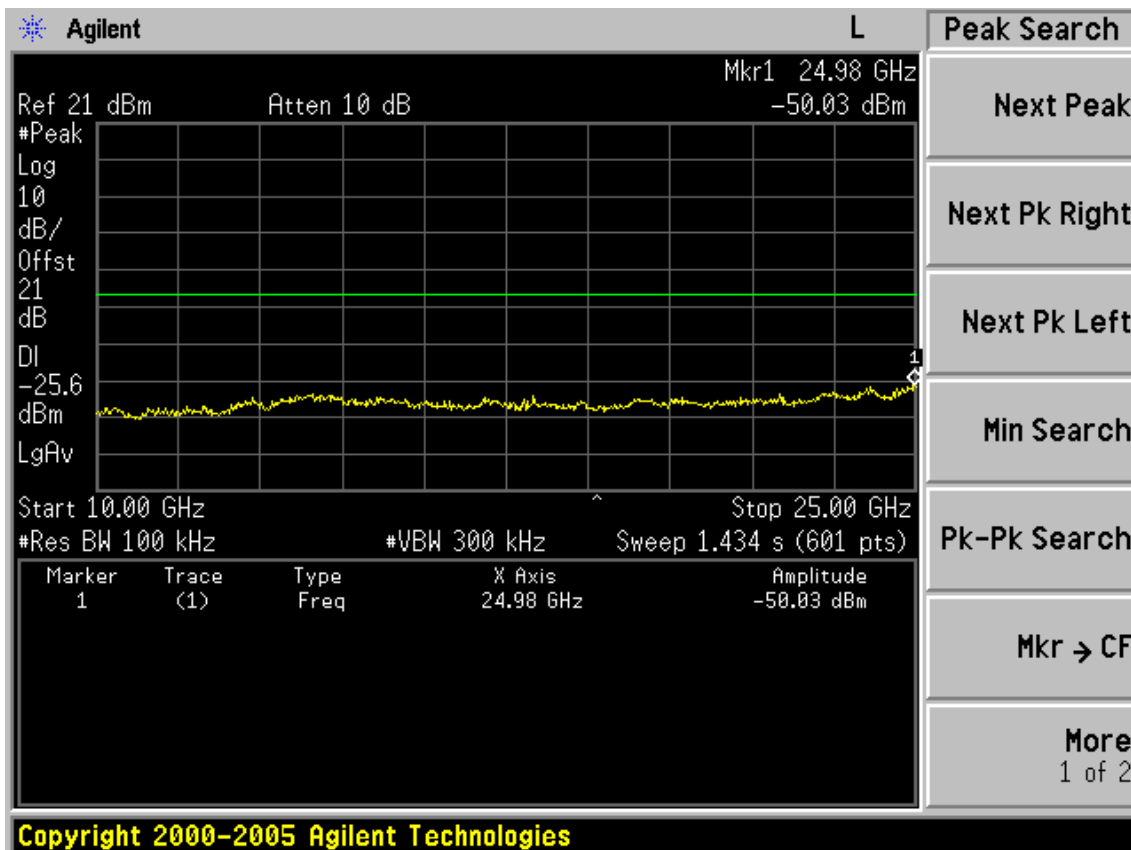
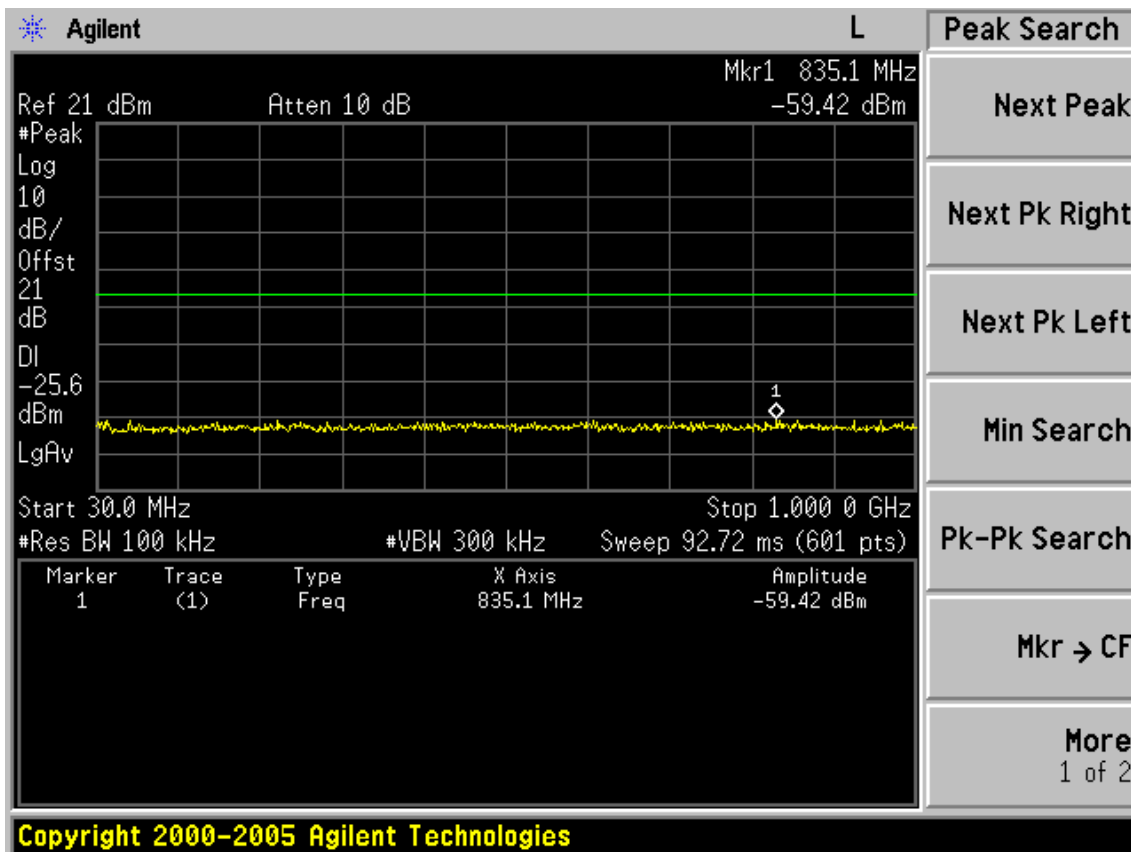


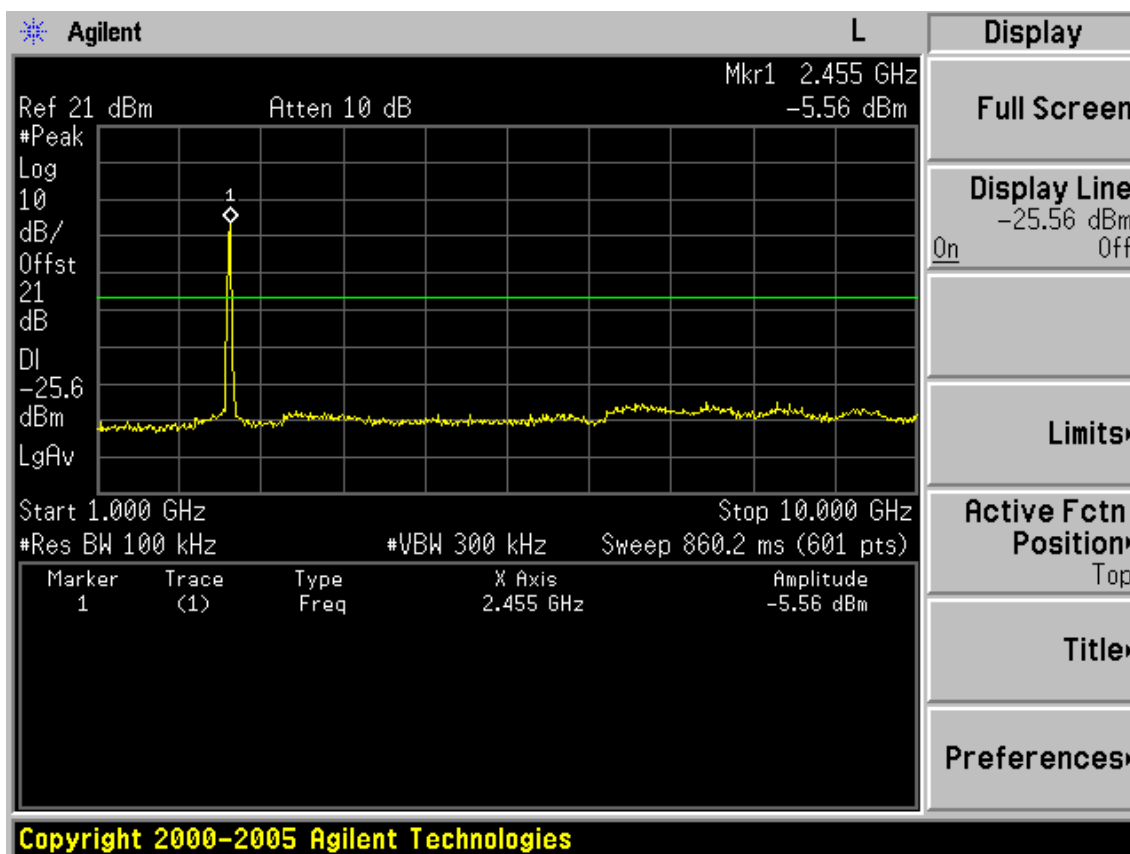
Copyright 2000-2005 Agilent Technologies



Test CH7: 2452MHz







6. BAND EDGE COMPLIANCE TEST

6.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum	Agilent	E4446A	US44300459	May.08, 13	1 Year
2.	Amp	HP	8449B	3008A08495	May.08, 13	1 Year
3.	Antenna	EMCO	3115	9607-4580	May.08, 13	1 Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May.08, 13	1 Year

6.2. Limit

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

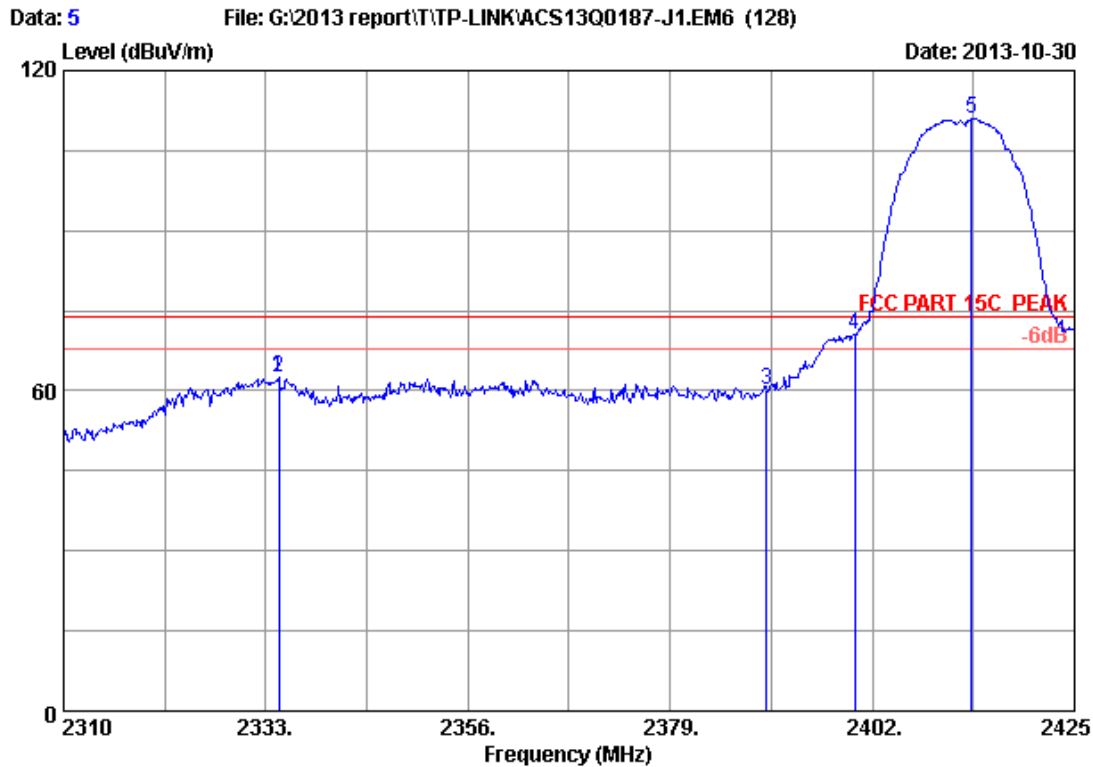
6.3. Test Produce

1. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.
2. The turntable was rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.
4. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:
 - (a) PEAK: RBW=1MHz; VBW=3MHz; Sweep=AUTO
 - (b) AVERAGE: RBW=1MHz; VBW=10Hz; Sweep=AUTO

6.4. Test Results

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

Horizontal Antenna

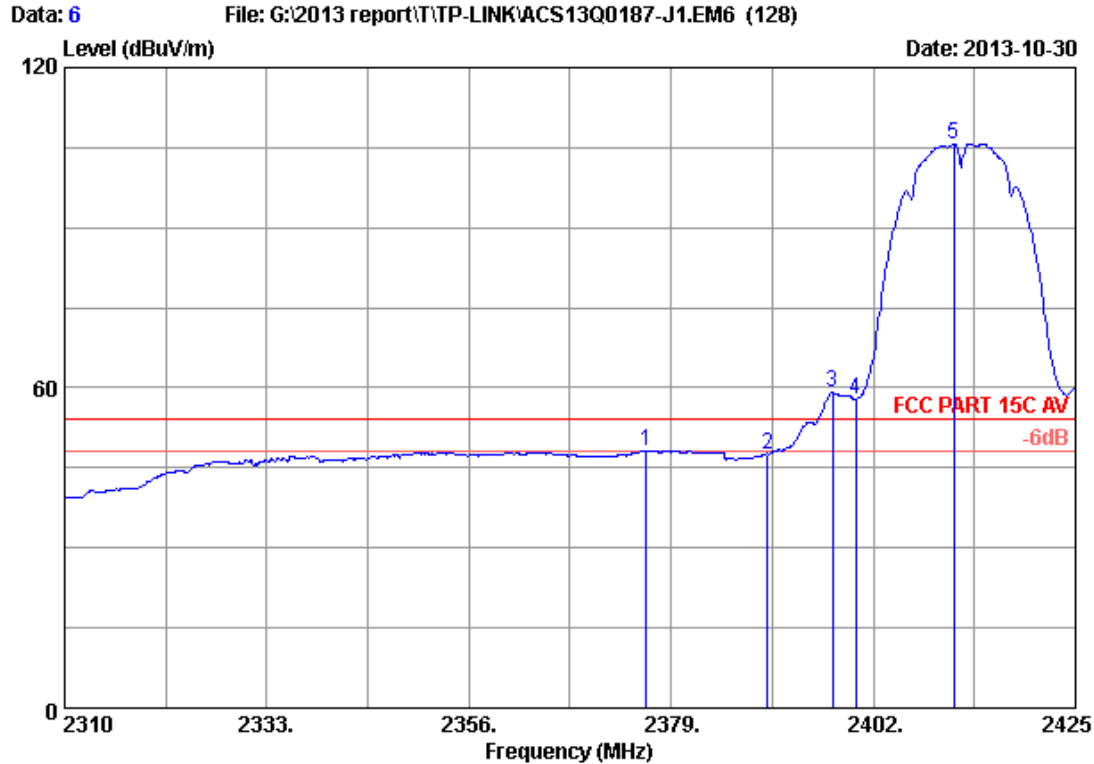


Site no. : 3m Chamber Data no. : 5
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	Ant.	Cable	Amp.		Emission				
Freq.	Factor	loss	Factor	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1 2334.495	28.04	5.70	35.70	64.30	62.34	74.00	11.66	Peak	
2 2334.495	28.04	5.70	35.70	64.30	62.34	74.00	11.66	Peak	
3 2390.000	28.16	5.78	35.70	62.07	60.31	74.00	13.69	Peak	
4 2400.000	28.18	5.80	35.70	72.11	70.39	74.00	3.61	Peak	
5 2413.270	28.21	5.82	35.70	112.64	110.97	74.00	-36.97	Peak	

Remarks:

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

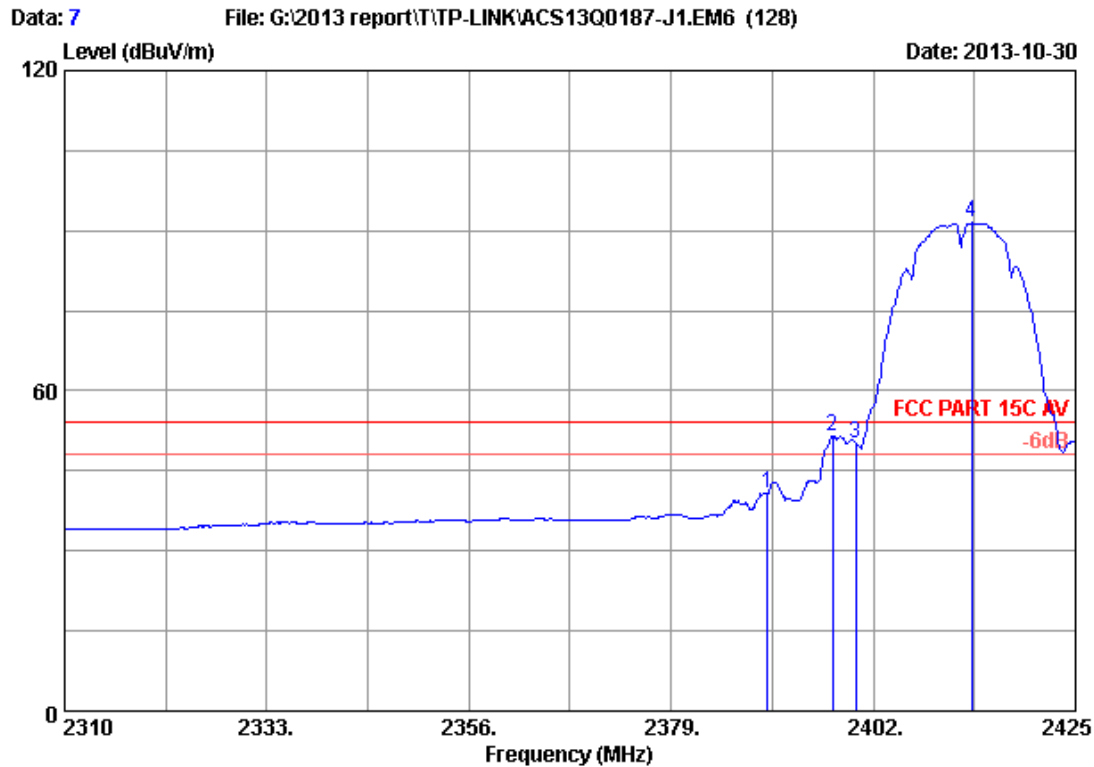


Site no. : 3m Chamber Data no. : 6
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	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	2376.125	28.13	5.76	35.70	50.06	48.25	54.00	5.75	Average
2	2390.000	28.16	5.78	35.70	49.38	47.62	54.00	6.38	Average
3	2397.400	28.17	5.79	35.70	60.84	59.10	54.00	-5.10	Average
4	2400.000	28.18	5.80	35.70	59.65	57.93	54.00	-3.93	Average
5	2411.200	28.20	5.81	35.70	107.39	105.70	54.00	-51.70	Average

Remarks:

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

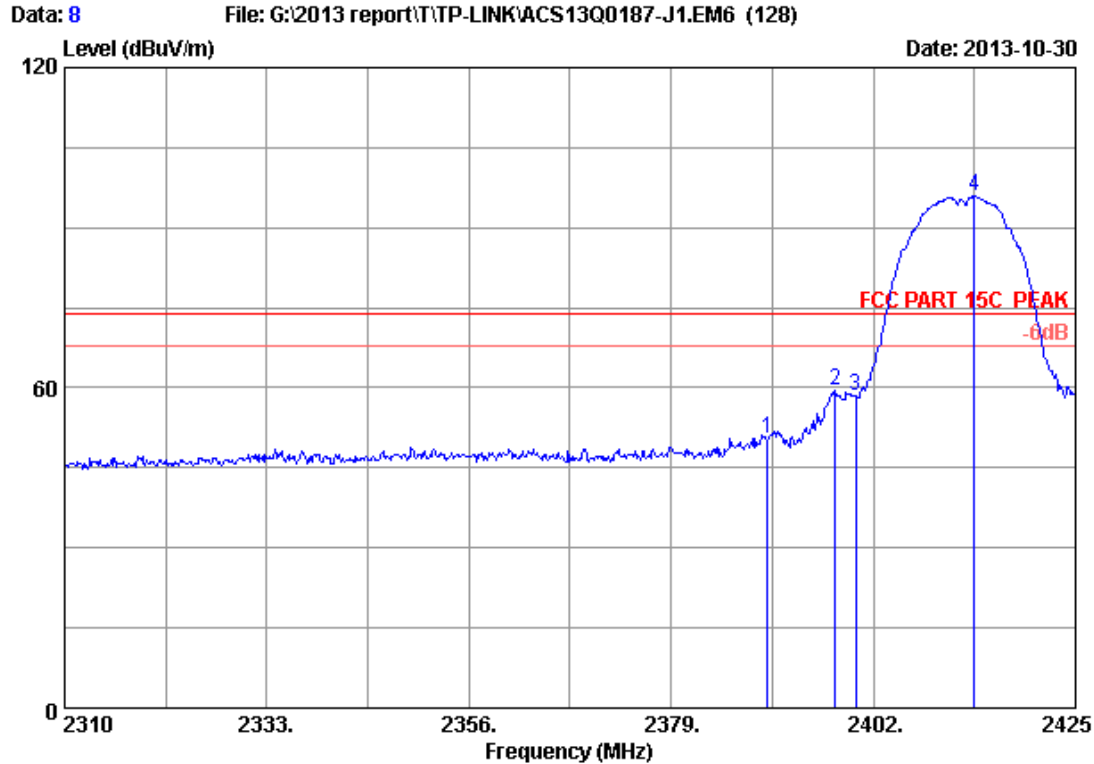


Site no. : 3m Chamber Data no. : 7
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	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	42.65	40.89	54.00	13.11	Average
2	2397.400	28.17	5.79	35.70	53.24	51.50	54.00	2.50	Average
3	2400.000	28.18	5.80	35.70	51.80	50.08	54.00	3.92	Average
4	2413.155	28.21	5.82	35.70	93.13	91.46	54.00	-37.46	Average

Remarks:

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

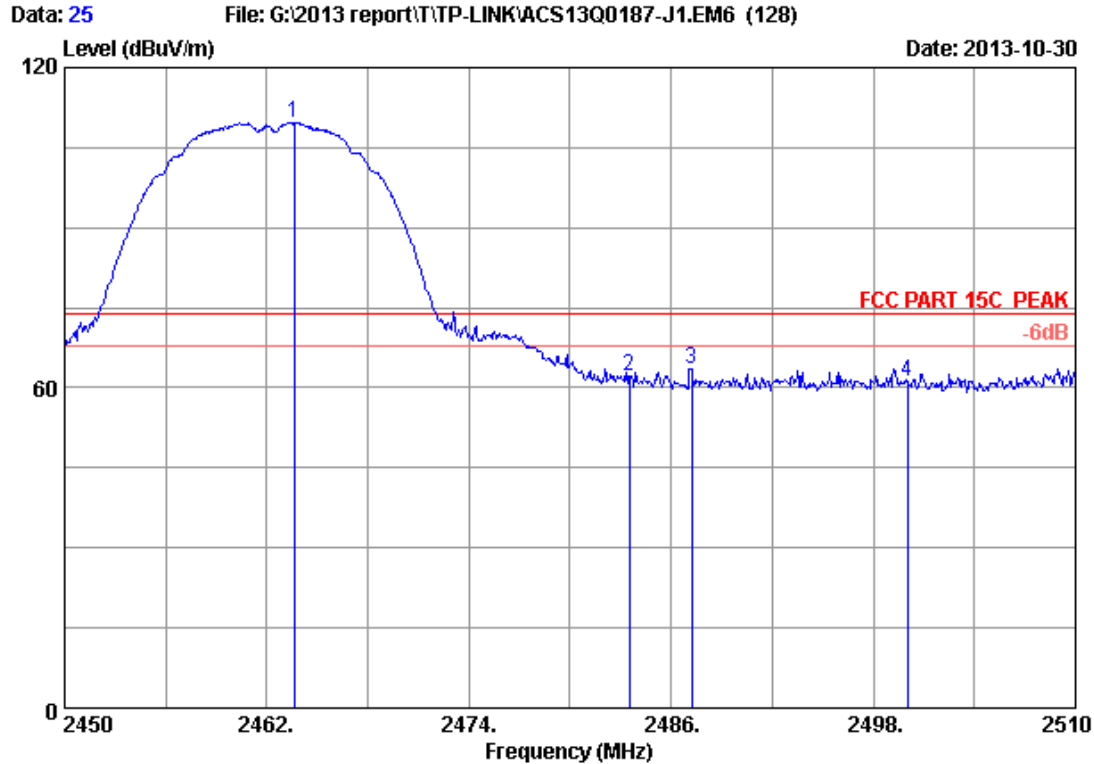


Site no. : 3m Chamber Data no. : 8
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	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	52.22	50.46	74.00	23.54	Peak
2	2397.630	28.17	5.79	35.70	61.39	59.65	74.00	14.35	Peak
3	2400.000	28.18	5.80	35.70	60.09	58.37	74.00	15.63	Peak
4	2413.500	28.21	5.82	35.70	97.52	95.85	74.00	-21.85	Peak

Remarks:

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

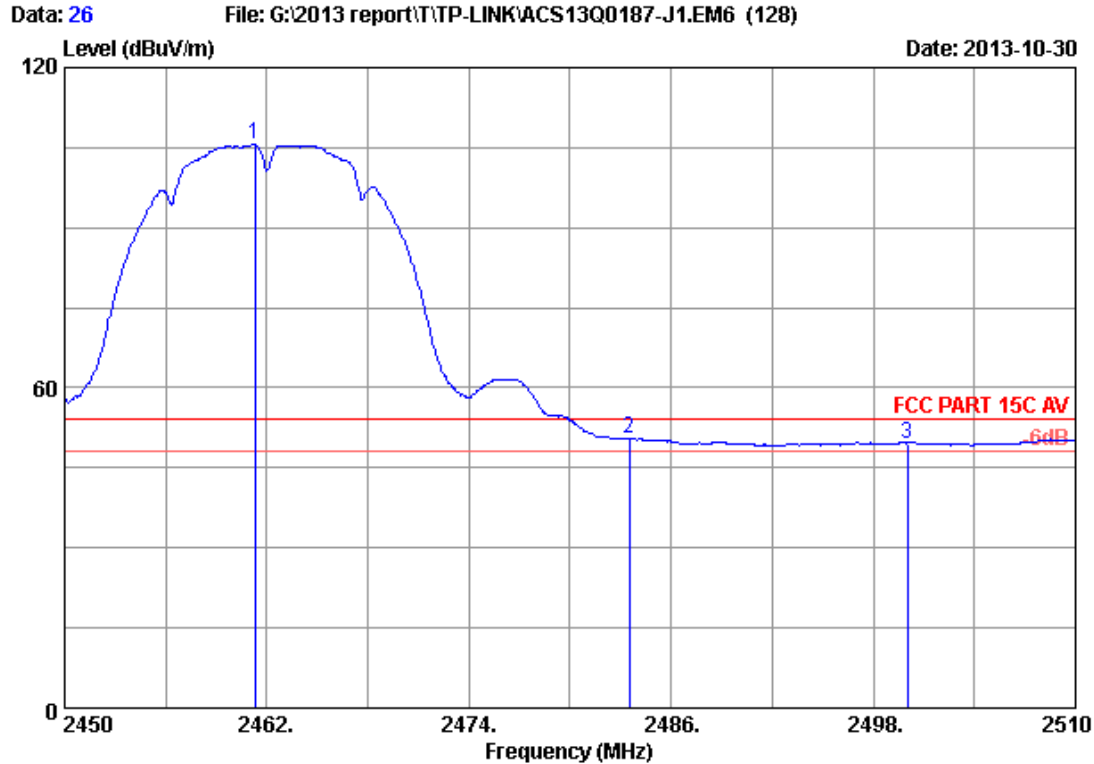


Site no. : 3m Chamber Data no. : 25
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	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	2463.620	28.32	5.89	35.70	111.14	109.65	74.00	-35.65	Peak
2	2483.500	28.36	5.92	35.70	63.56	62.14	74.00	11.86	Peak
3	2487.200	28.37	5.92	35.70	65.01	63.60	74.00	10.40	Peak
4	2500.000	28.40	5.94	35.70	62.59	61.23	74.00	12.77	Peak

Remarks:

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

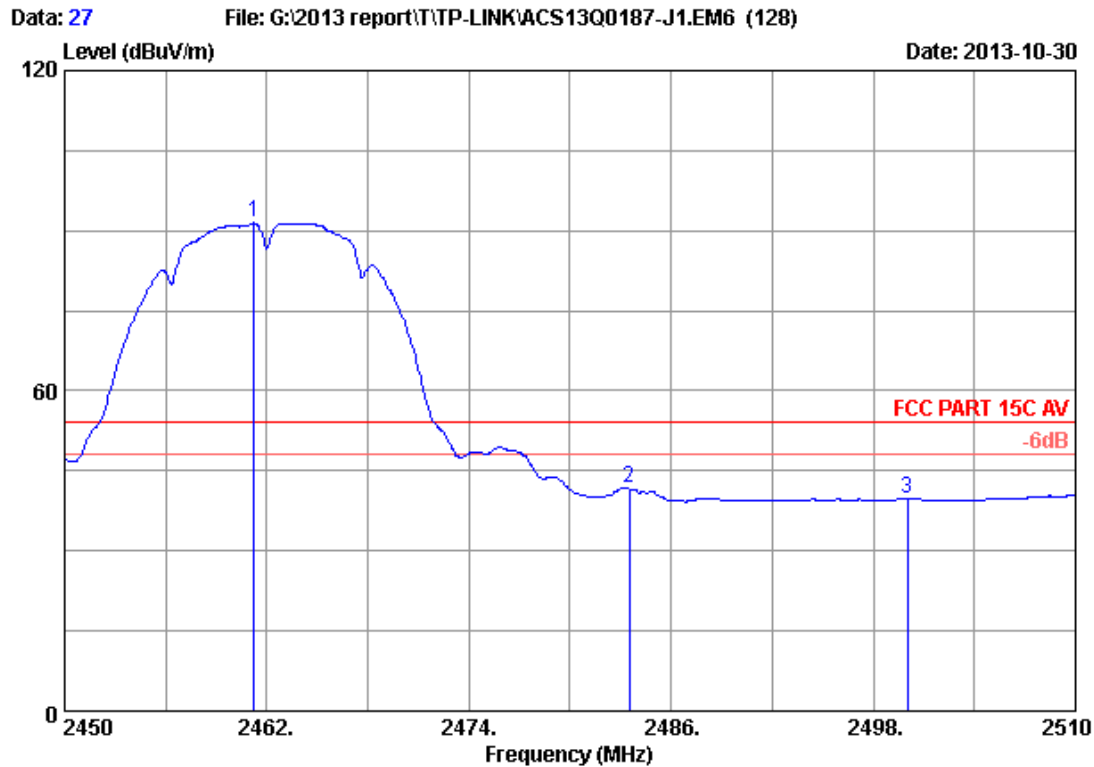


Site no. : 3m Chamber Data no. : 26
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	Freq.	Ant.	Cable	Amp.	Emission				
	(MHz)	Factor	loss	Factor	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB)	(dBUV)	(dBUV/m)	(dBUV/m)	(dB)	
1	2461.280	28.31	5.89	35.70	107.09	105.59	54.00	-51.59	Average
2	2483.500	28.36	5.92	35.70	51.86	50.44	54.00	3.56	Average
3	2500.000	28.40	5.94	35.70	50.99	49.63	54.00	4.37	Average

Remarks:

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

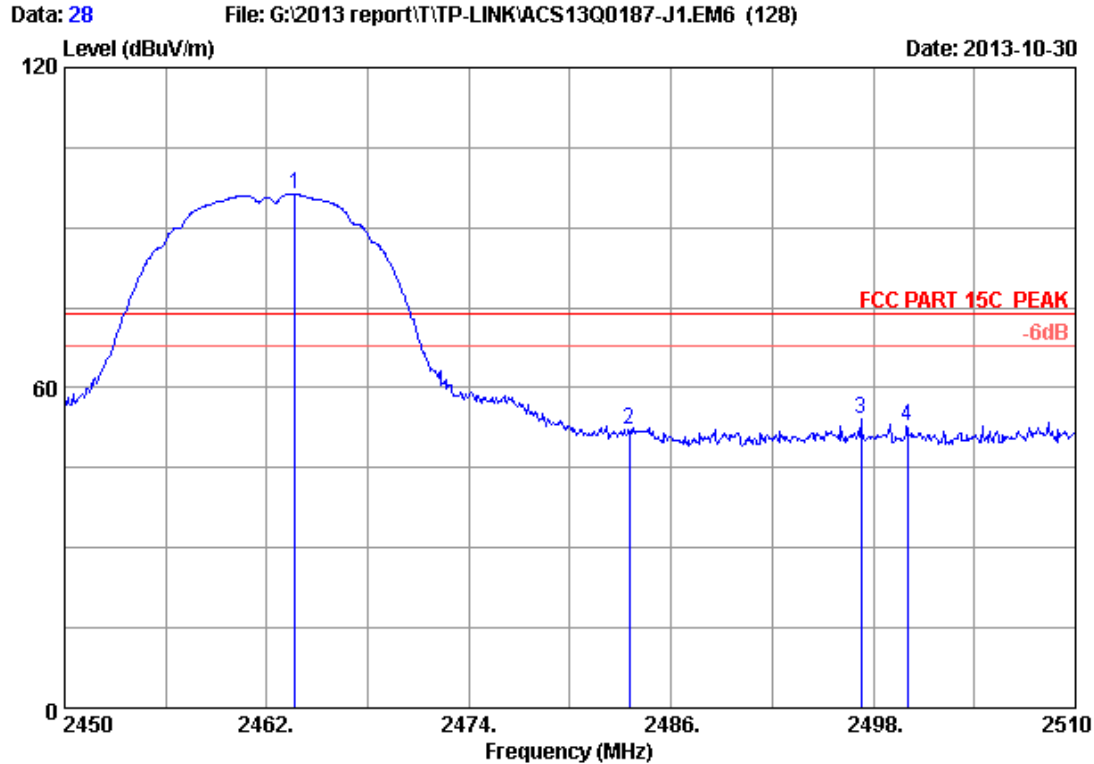


Site no. : 3m Chamber Data no. : 27
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	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	2461.220	28.31	5.89	35.70	92.94	91.44	54.00	-37.44	Average
2	2483.500	28.36	5.92	35.70	43.09	41.67	54.00	12.33	Average
3	2500.000	28.40	5.94	35.70	41.10	39.74	54.00	14.26	Average

Remarks:

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

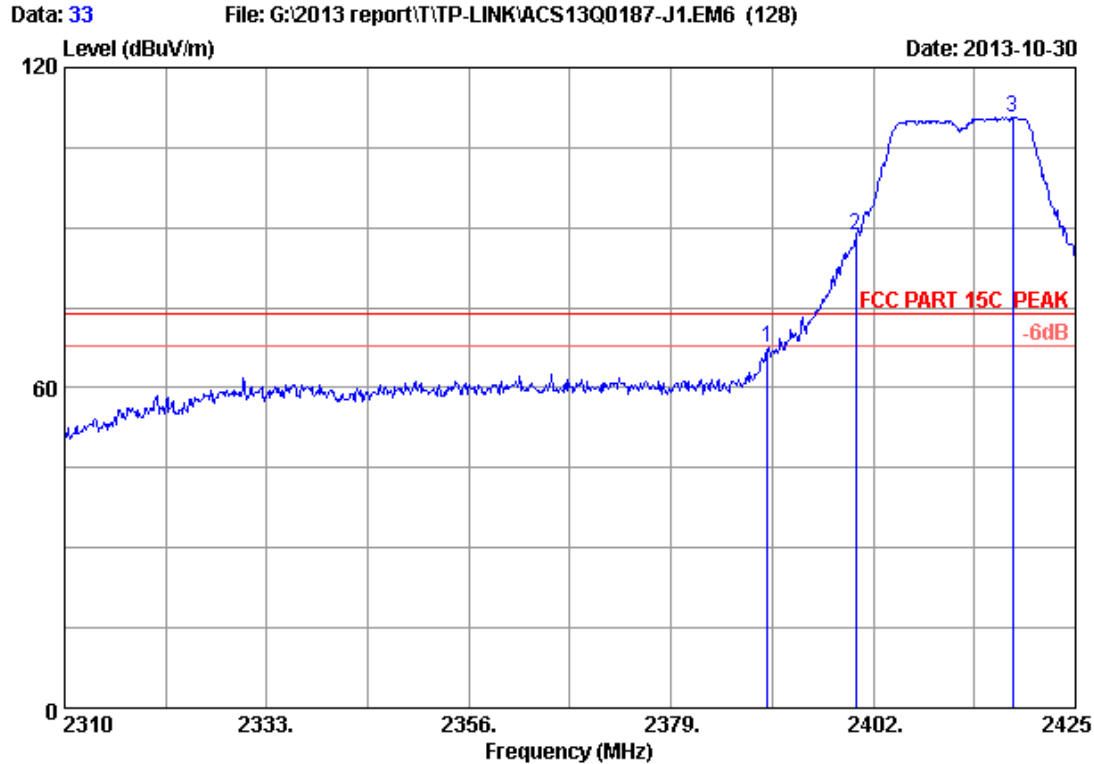


Site no. : 3m Chamber Data no. : 28
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	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	2463.680	28.32	5.89	35.70	97.73	96.24	74.00	-22.24	Peak
2	2483.500	28.36	5.92	35.70	53.72	52.30	74.00	21.70	Peak
3	2497.280	28.39	5.94	35.70	55.61	54.24	74.00	19.76	Peak
4	2500.000	28.40	5.94	35.70	54.21	52.85	74.00	21.15	Peak

Remarks:

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

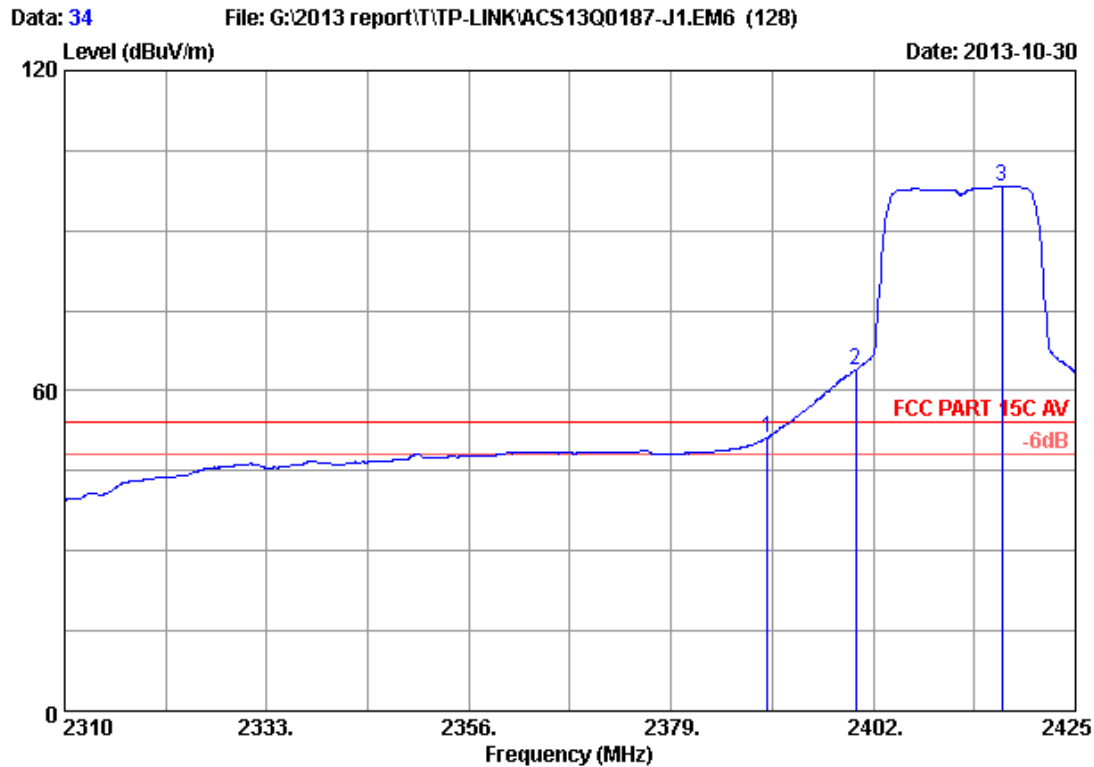


Site no. : 3m Chamber Data no. : 33
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	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	69.26	67.50	74.00	6.50	Peak
2	2400.000	28.18	5.80	35.70	90.41	88.69	74.00	-14.69	Peak
3	2417.870	28.22	5.82	35.70	112.41	110.75	74.00	-36.75	Peak

Remarks:

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

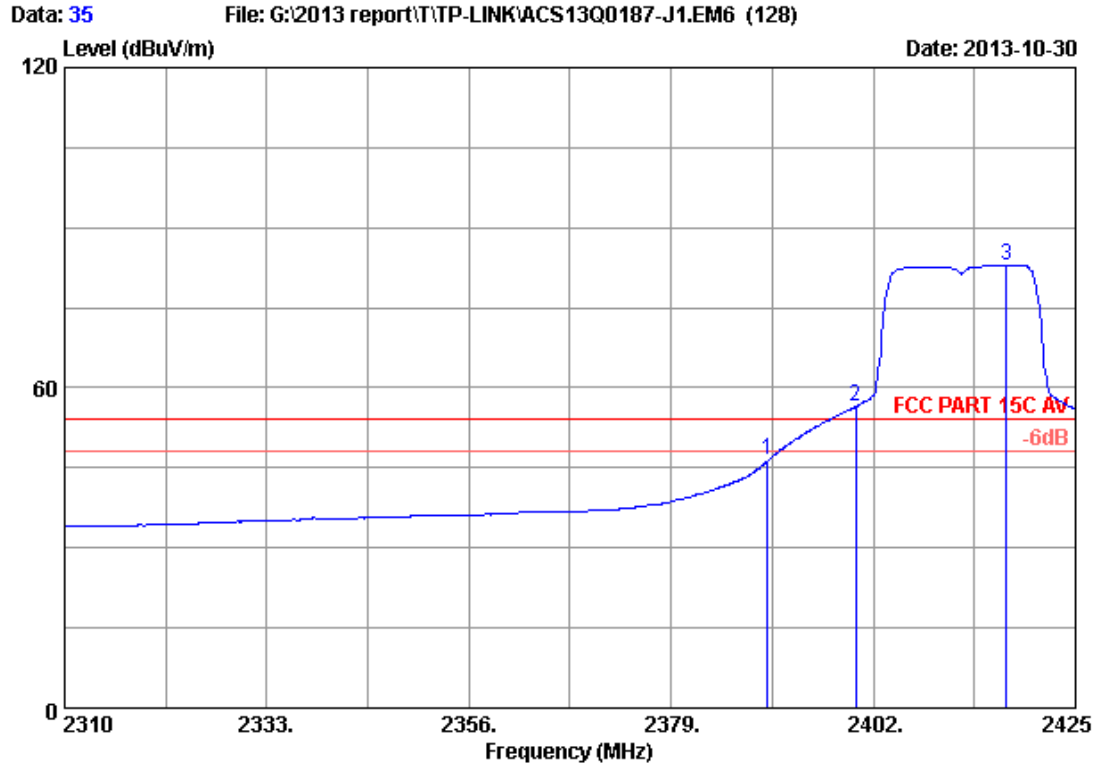


Site no. : 3m Chamber Data no. : 34
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	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	53.04	51.28	54.00	2.72	Average
2	2400.000	28.18	5.80	35.70	65.71	63.99	54.00	-9.99	Average
3	2416.605	28.22	5.82	35.70	99.89	98.23	54.00	-44.23	Average

Remarks:

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

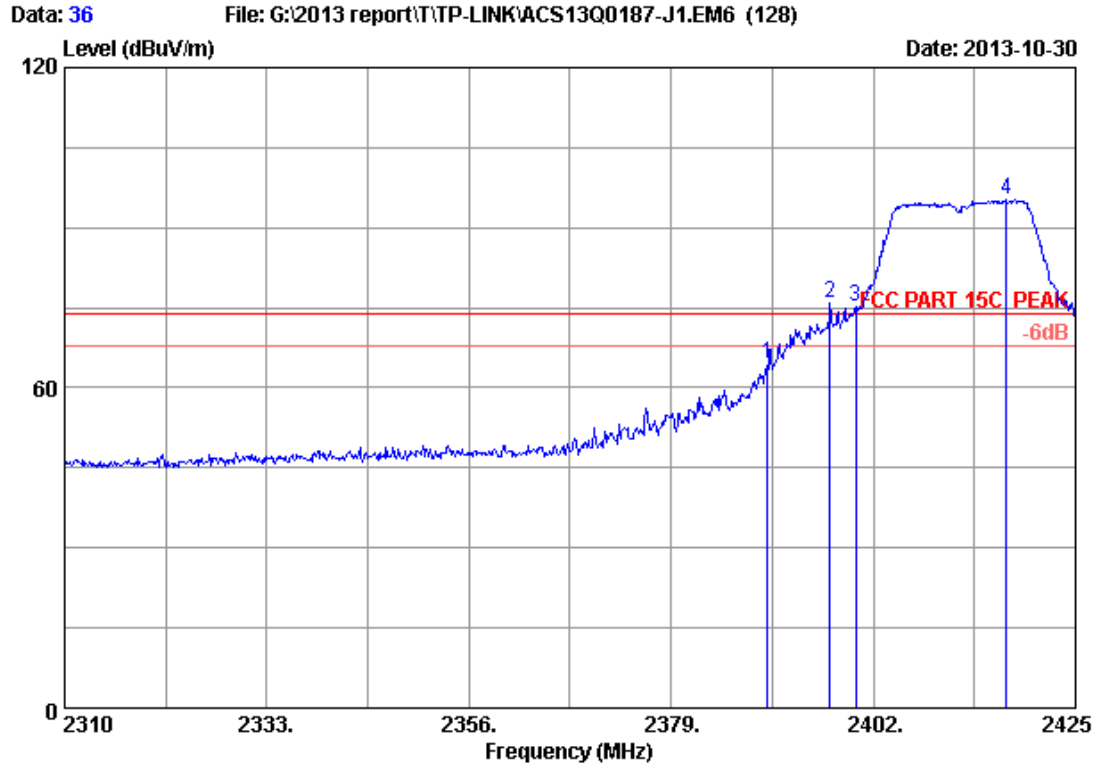


Site no. : 3m Chamber Data no. : 35
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	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	48.10	46.34	54.00	7.66	Average
2	2400.000	28.18	5.80	35.70	58.22	56.50	54.00	-2.50	Average
3	2417.180	28.22	5.82	35.70	84.64	82.98	54.00	-28.98	Average

Remarks:

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

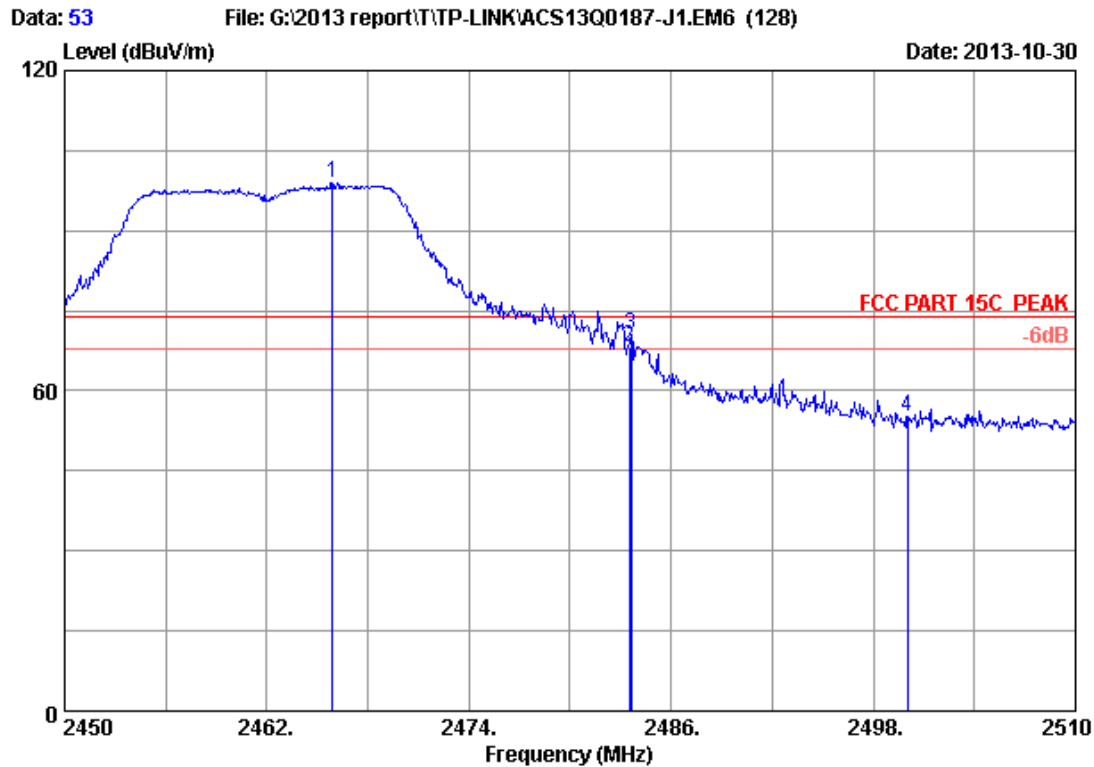


Site no. : 3m Chamber Data no. : 36
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	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	66.33	64.57	74.00	9.43	Peak
2	2397.055	28.17	5.79	35.70	77.52	75.78	74.00	-1.78	Peak
3	2400.000	28.18	5.80	35.70	76.97	75.25	74.00	-1.25	Peak
4	2417.180	28.22	5.82	35.70	96.82	95.16	74.00	-21.16	Peak

Remarks:

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

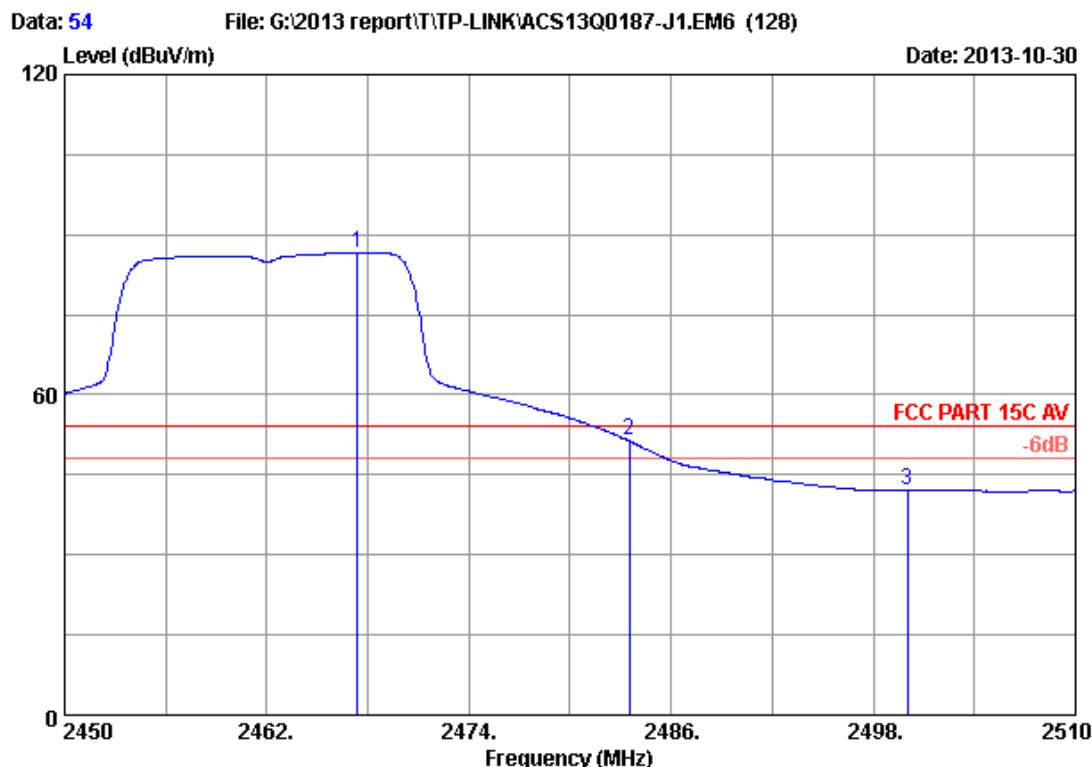


Site no. : 3m Chamber Data no. : 53
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	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	2465.900	28.32	5.89	35.70	100.50	99.01	74.00	-25.01	Peak
2	2483.500	28.36	5.92	35.70	69.54	68.12	74.00	5.88	Peak
3	2483.600	28.36	5.92	35.70	71.82	70.40	74.00	3.60	Peak
4	2500.000	28.40	5.94	35.70	56.42	55.06	74.00	18.94	Peak

Remarks:

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

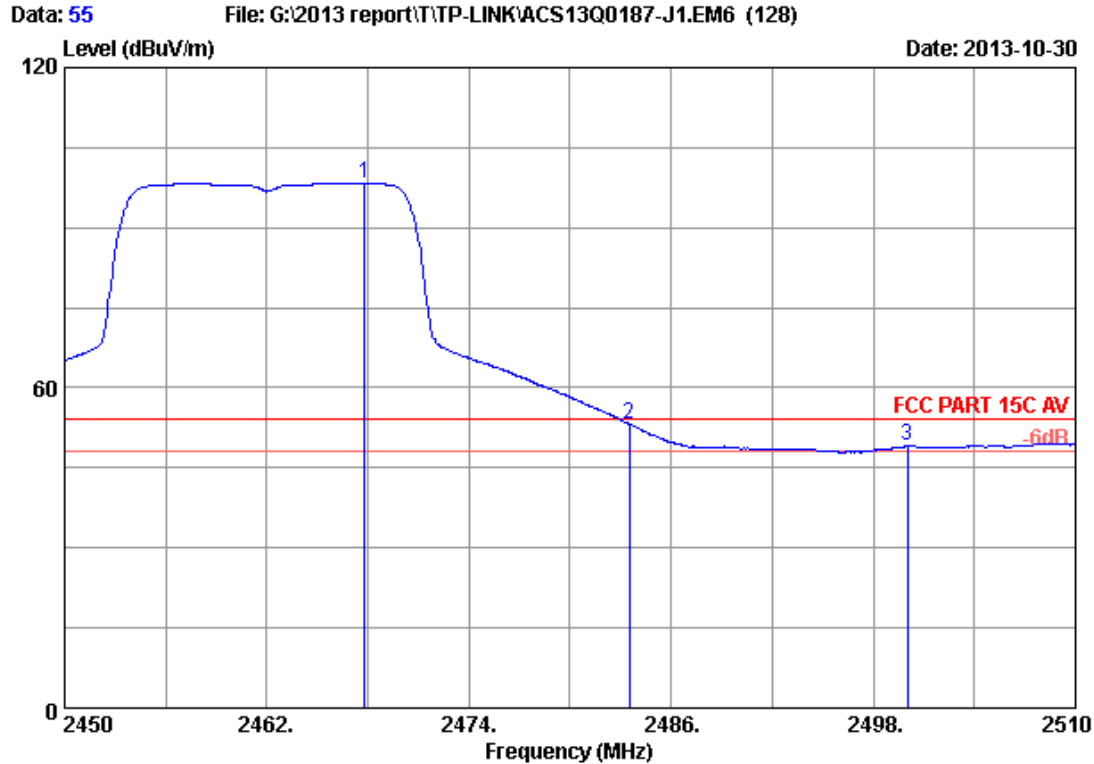


Site no. : 3m Chamber Data no. : 54
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	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	2467.400	28.33	5.90	35.70	88.15	86.68	54.00	-32.68	Average
2	2483.500	28.36	5.92	35.70	52.84	51.42	54.00	2.58	Average
3	2500.000	28.40	5.94	35.70	43.61	42.25	54.00	11.75	Average

Remarks:

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

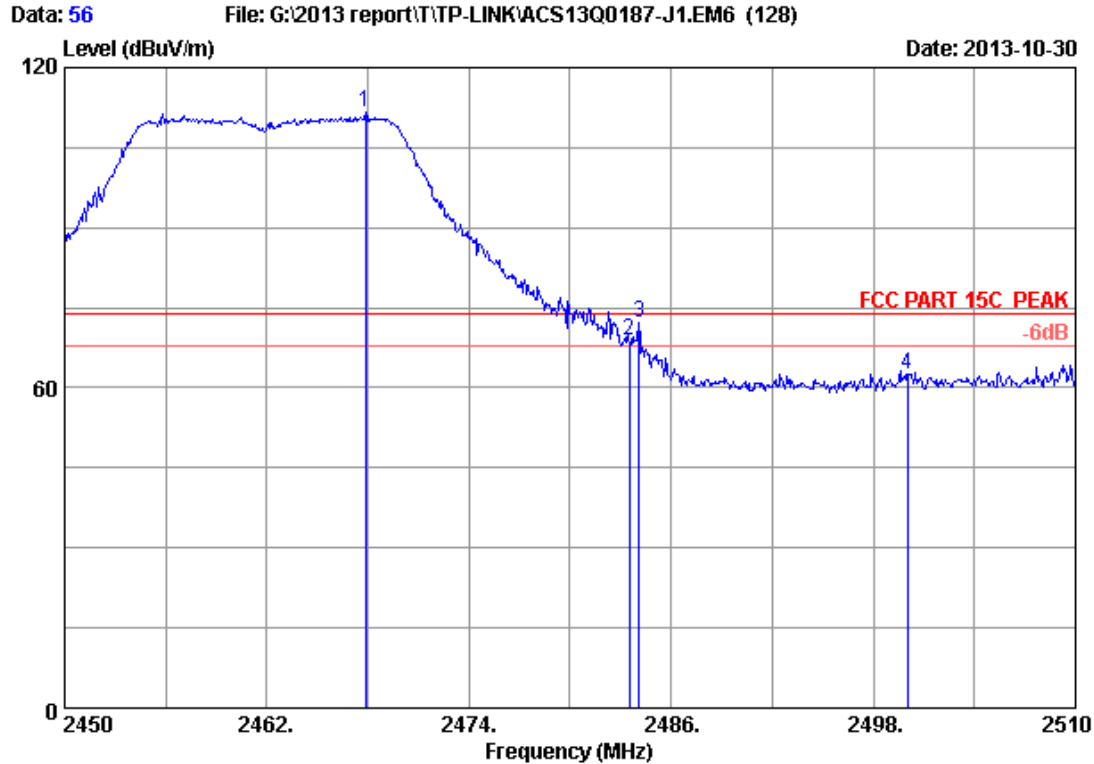


Site no. : 3m Chamber Data no. : 55
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	Freq.	Ant.	Cable	Amp.	Emission				
	(MHz)	Factor	loss	Factor	Level	Limits	Margin	Remark	
		(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2467.820	28.33	5.90	35.70	99.78	98.31	54.00	-44.31	Average
2	2483.500	28.36	5.92	35.70	54.67	53.25	54.00	0.75	Average
3	2500.000	28.40	5.94	35.70	50.41	49.05	54.00	4.95	Average

Remarks:

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

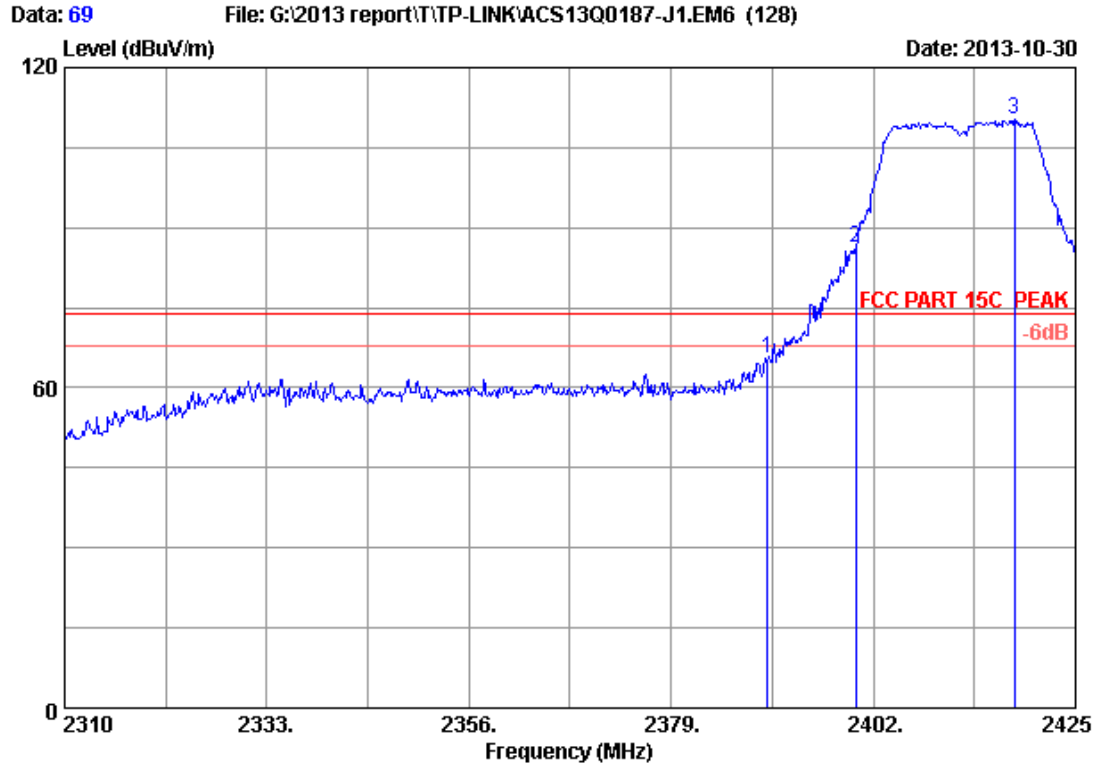


Site no. : 3m Chamber Data no. : 56
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	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	2467.880	28.33	5.90	35.70	113.00	111.53	74.00	-37.53	Peak
2	2483.500	28.36	5.92	35.70	70.26	68.84	74.00	5.16	Peak
3	2484.080	28.36	5.92	35.70	73.71	72.29	74.00	1.71	Peak
4	2500.000	28.40	5.94	35.70	63.87	62.51	74.00	11.49	Peak

Remarks:

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

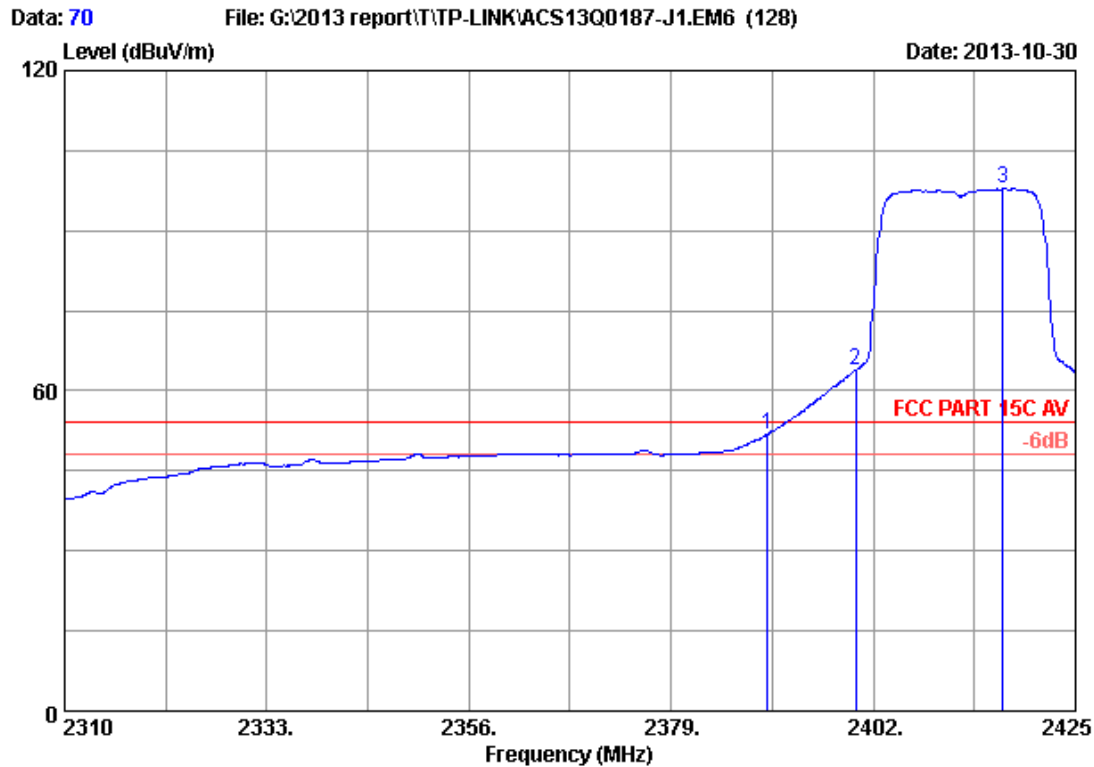


Site no. : 3m Chamber Data no. : 69
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	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	67.13	65.37	74.00	8.63	Peak
2	2400.000	28.18	5.80	35.70	88.03	86.31	74.00	-12.31	Peak
3	2418.100	28.22	5.82	35.70	112.04	110.38	74.00	-36.38	Peak

Remarks:

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

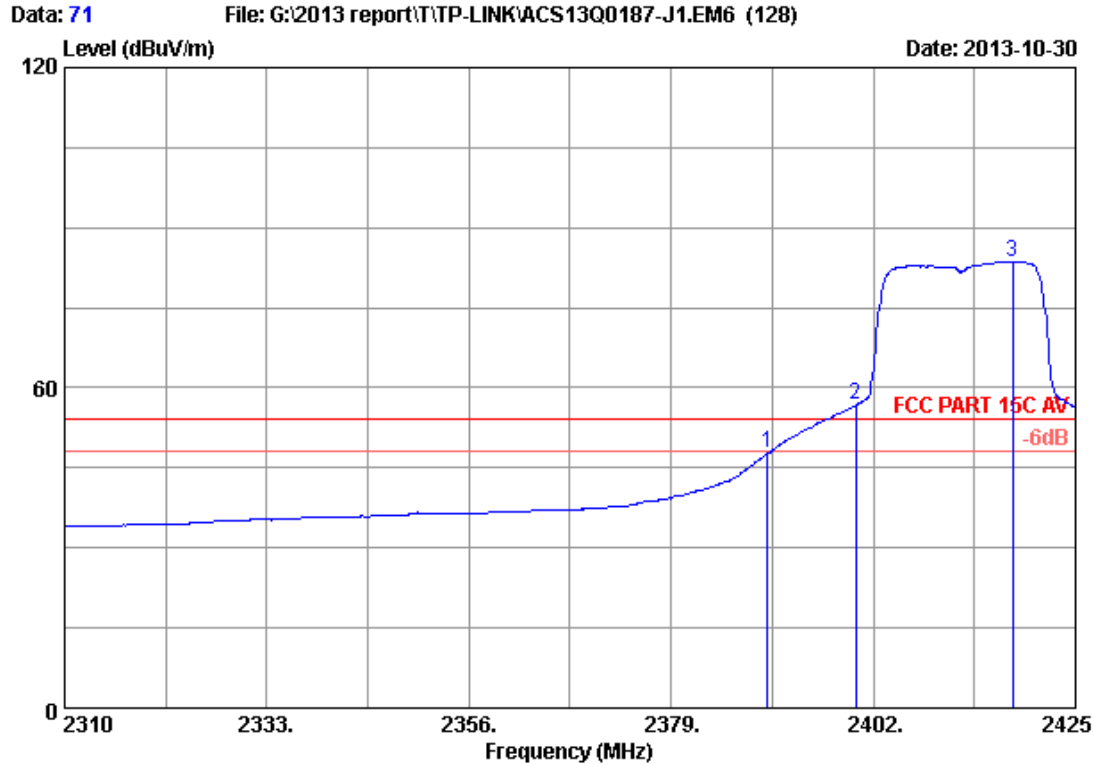


Site no. : 3m Chamber Data no. : 70
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	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	53.67	51.91	54.00	2.09	Average
2	2400.000	28.18	5.80	35.70	65.67	63.95	54.00	-9.95	Average
3	2416.720	28.22	5.82	35.70	99.51	97.85	54.00	-43.85	Average

Remarks:

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

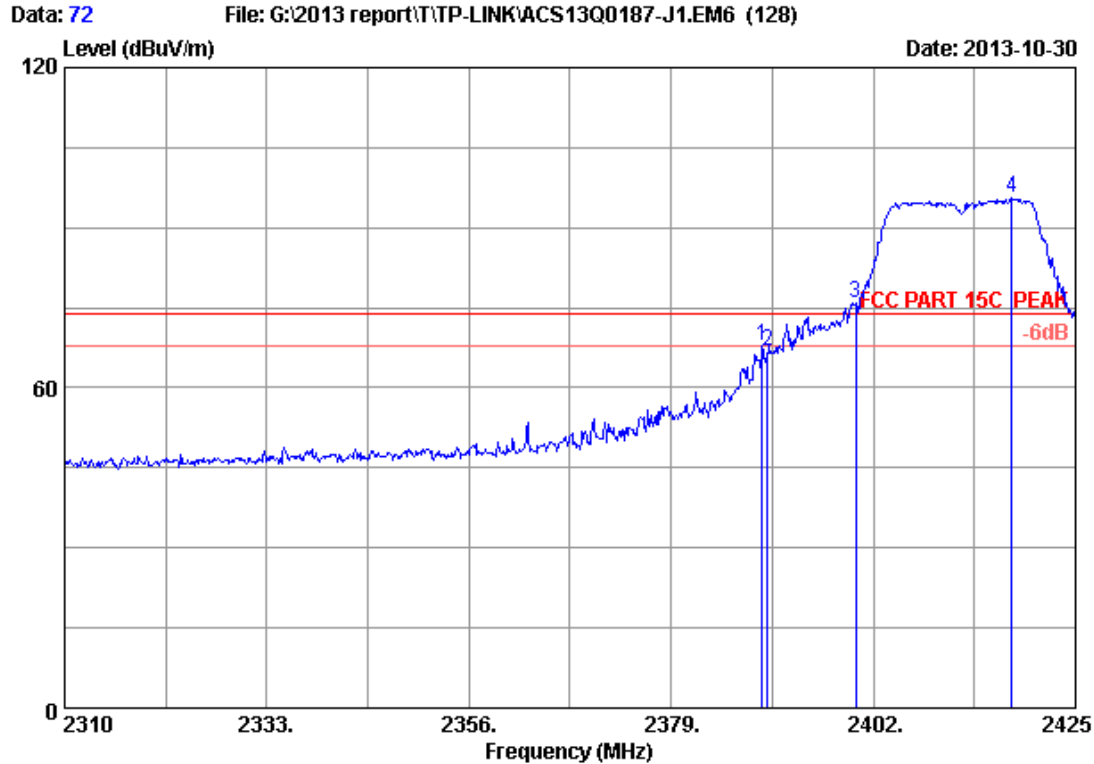


Site no. : 3m Chamber Data no. : 71
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	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	49.52	47.76	54.00	6.24	Average
2	2400.000	28.18	5.80	35.70	58.58	56.86	54.00	-2.86	Average
3	2417.870	28.22	5.82	35.70	85.28	83.62	54.00	-29.62	Average

Remarks:

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

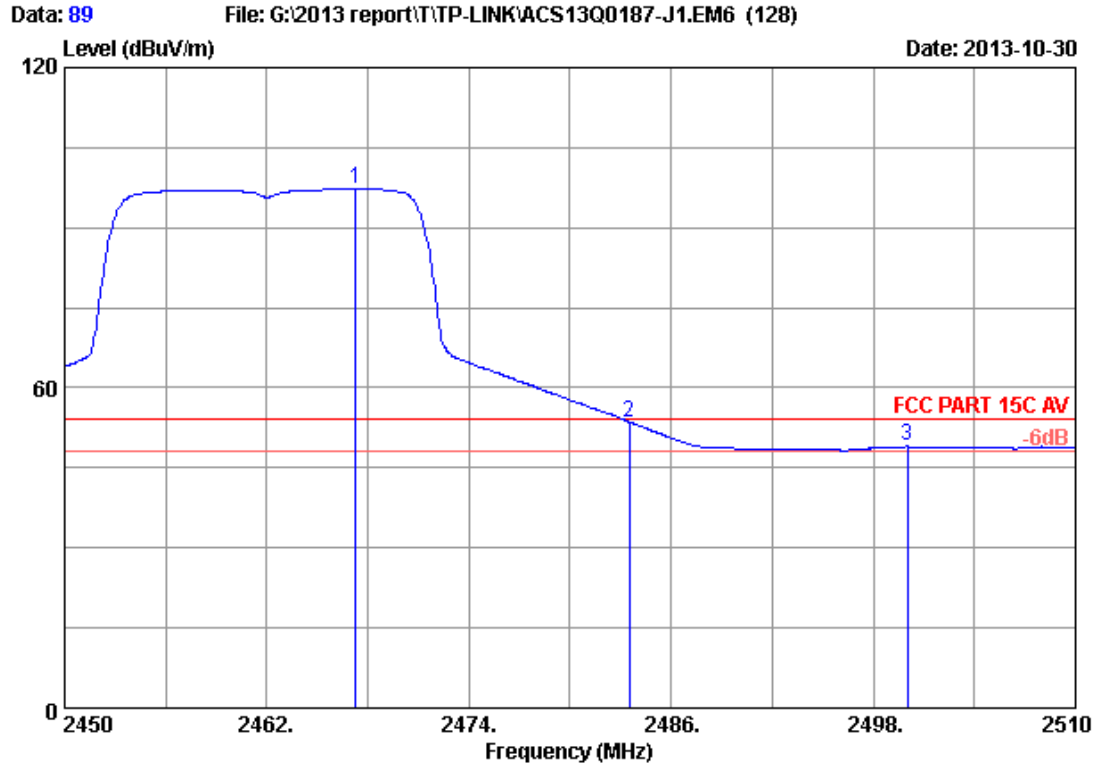


Site no. : 3m Chamber Data no. : 72
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2389.350	28.16	5.78	35.70	69.49	67.73	74.00	6.27	Peak
2	2390.000	28.16	5.78	35.70	68.60	66.84	74.00	7.16	Peak
3	2400.000	28.18	5.80	35.70	77.50	75.78	74.00	-1.78	Peak
4	2417.755	28.22	5.82	35.70	97.15	95.49	74.00	-21.49	Peak

Remarks:

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

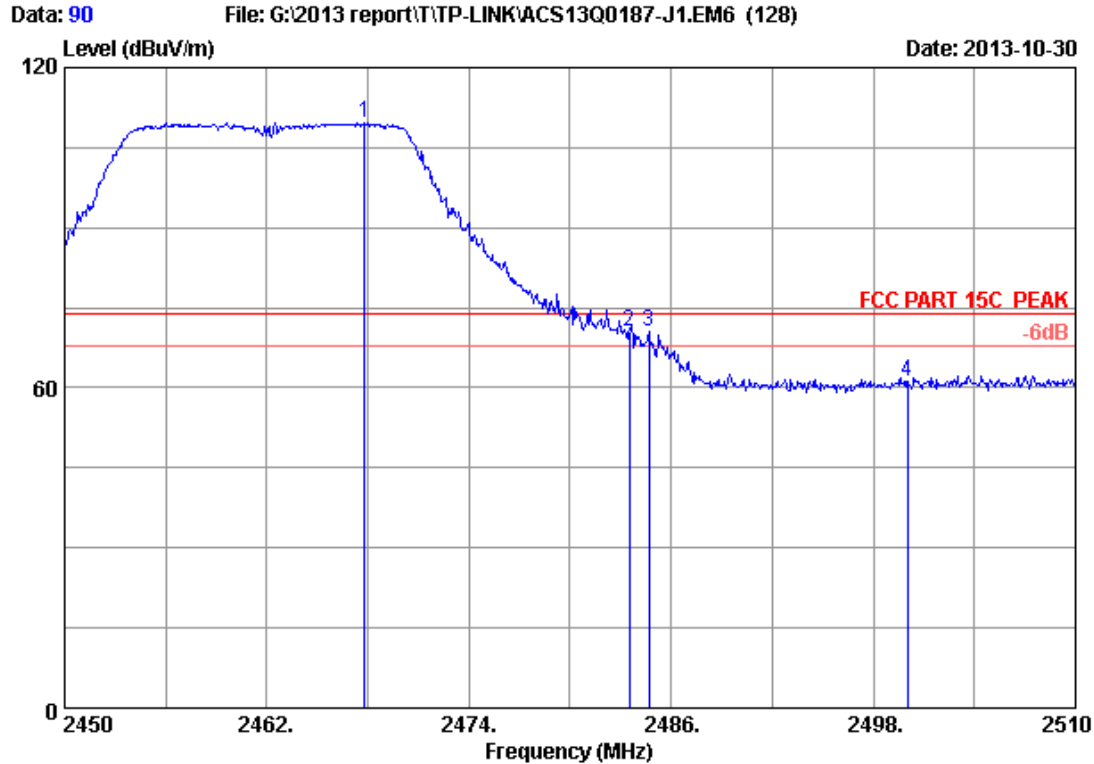


Site no. : 3m Chamber Data no. : 89
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	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	2467.280	28.33	5.89	35.70	98.78	97.30	54.00	-43.30	Average
2	2483.500	28.36	5.92	35.70	55.06	53.64	54.00	0.36	Average
3	2500.000	28.40	5.94	35.70	50.33	48.97	54.00	5.03	Average

Remarks:

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

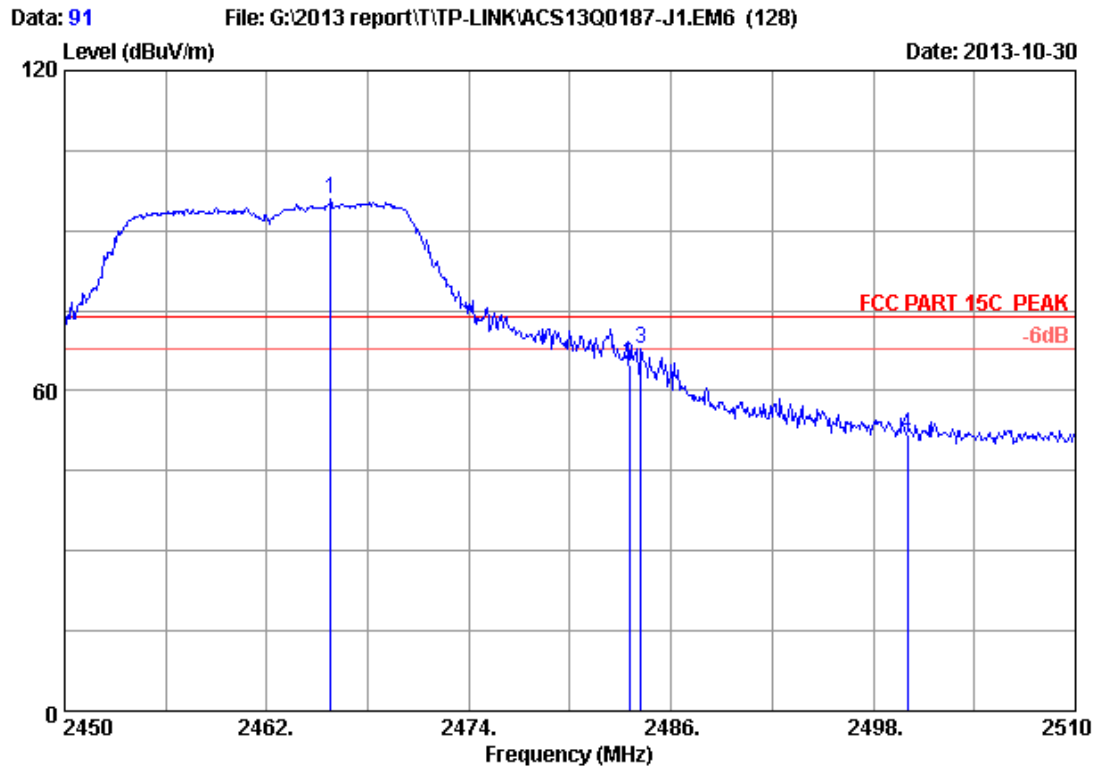


Site no. : 3m Chamber Data no. : 90
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	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	2467.820	28.33	5.90	35.70	111.19	109.72	74.00	-35.72	Peak
2	2483.500	28.36	5.92	35.70	72.05	70.63	74.00	3.37	Peak
3	2484.680	28.37	5.92	35.70	71.99	70.58	74.00	3.42	Peak
4	2500.000	28.40	5.94	35.70	62.49	61.13	74.00	12.87	Peak

Remarks:

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

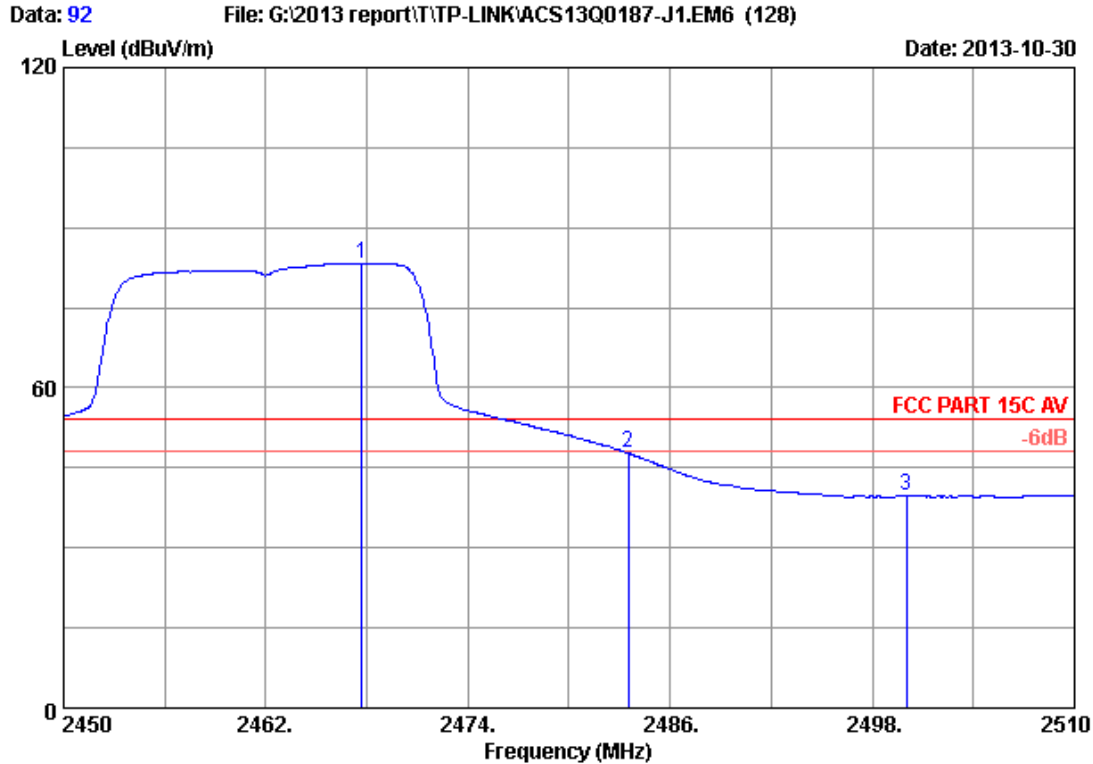


Site no. : 3m Chamber Data no. : 91
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	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	2465.780	28.32	5.89	35.70	97.27	95.78	74.00	-21.78	Peak
2	2483.500	28.36	5.92	35.70	66.37	64.95	74.00	9.05	Peak
3	2484.200	28.37	5.92	35.70	69.28	67.87	74.00	6.13	Peak
4	2500.000	28.40	5.94	35.70	53.10	51.74	74.00	22.26	Peak

Remarks:

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

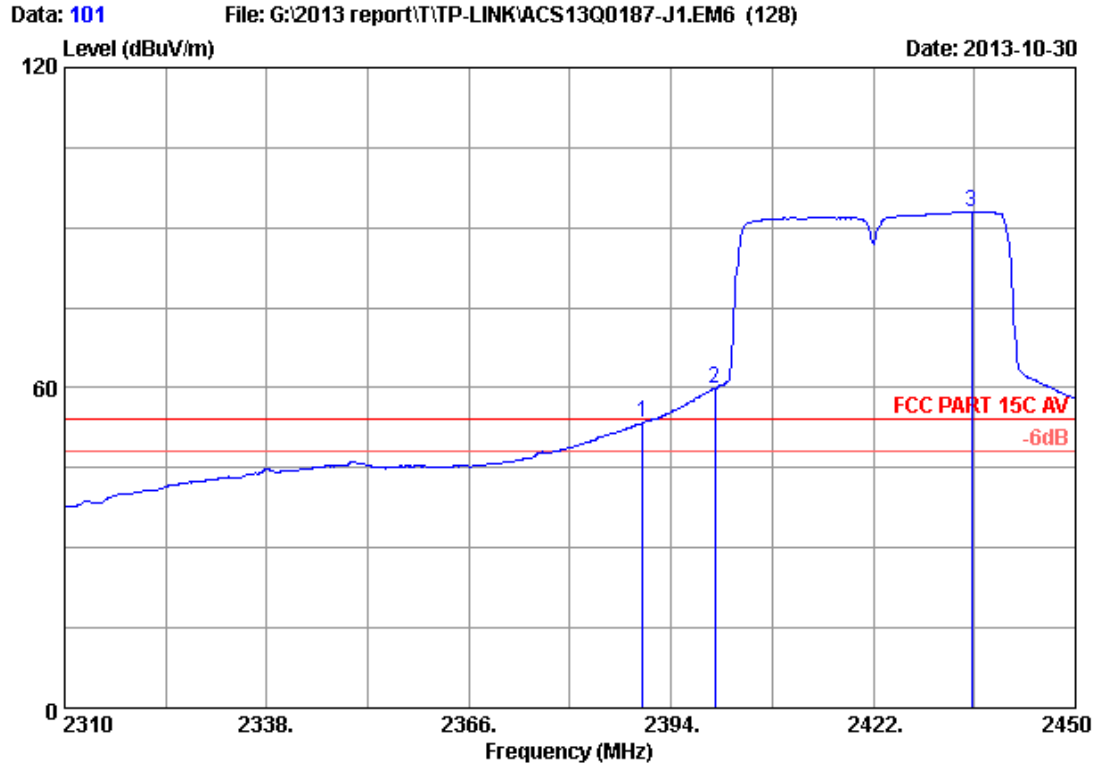


Site no. : 3m Chamber Data no. : 92
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	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	2467.700	28.33	5.90	35.70	84.85	83.38	54.00	-29.38	Average
2	2483.500	28.36	5.92	35.70	49.11	47.69	54.00	6.31	Average
3	2500.000	28.40	5.94	35.70	41.09	39.73	54.00	14.27	Average

Remarks:

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

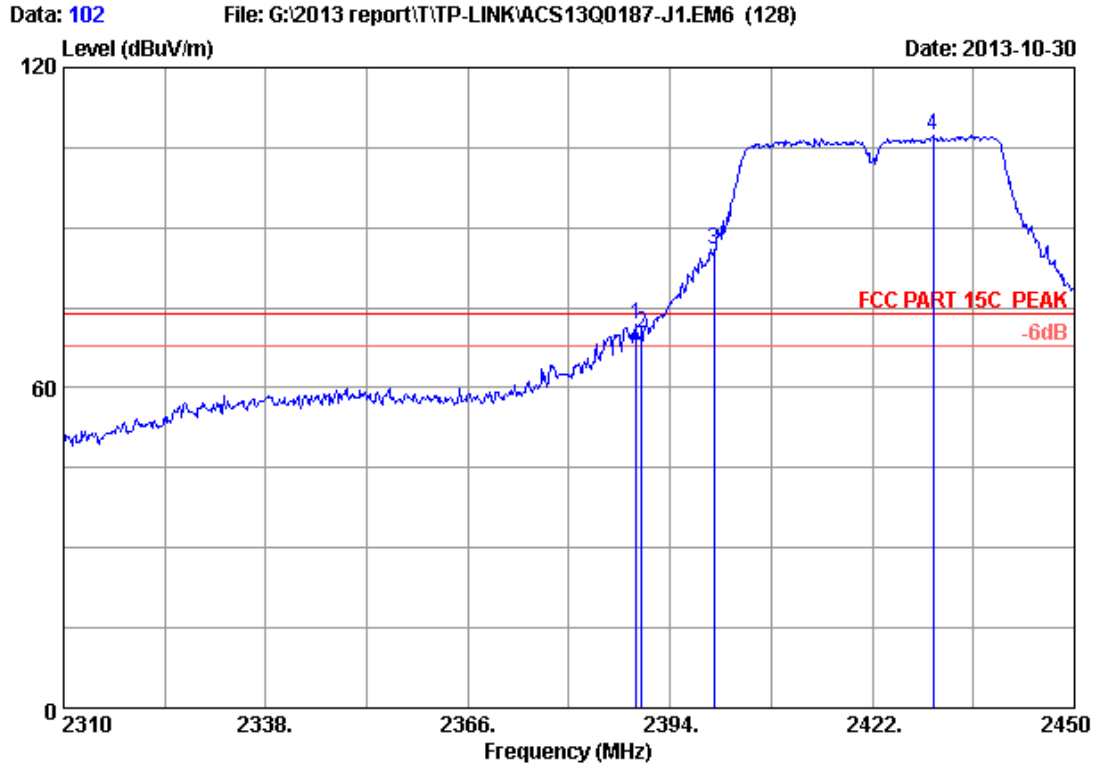


Site no. : 3m Chamber Data no. : 101
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	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	55.08	53.32	54.00	0.68	Average
2	2400.000	28.18	5.80	35.70	61.59	59.87	54.00	-5.87	Average
3	2435.580	28.26	5.85	35.70	94.59	93.00	54.00	-39.00	Average

Remarks:

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

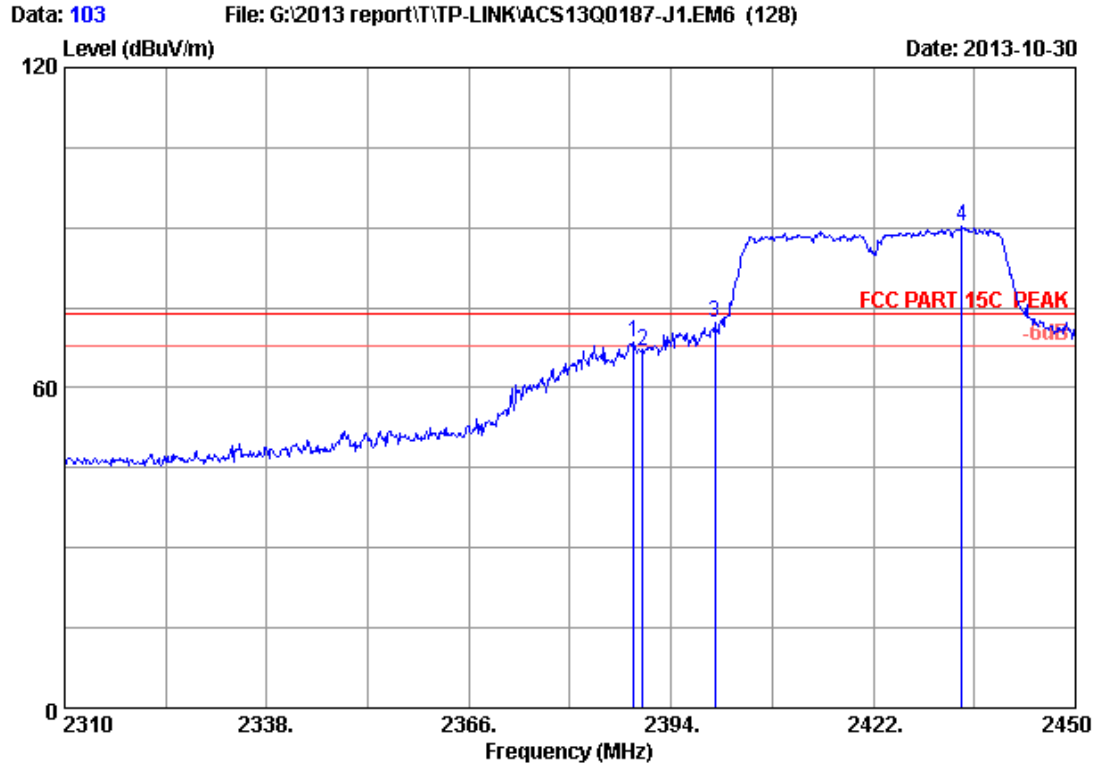


Site no. : 3m Chamber Data no. : 102
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2389.380	28.16	5.78	35.70	73.73	71.97	74.00	2.03	Peak
2	2390.000	28.16	5.78	35.70	72.00	70.24	74.00	3.76	Peak
3	2400.000	28.18	5.80	35.70	87.58	85.86	74.00	-11.86	Peak
4	2430.400	28.25	5.84	35.70	109.02	107.41	74.00	-33.41	Peak

Remarks:

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

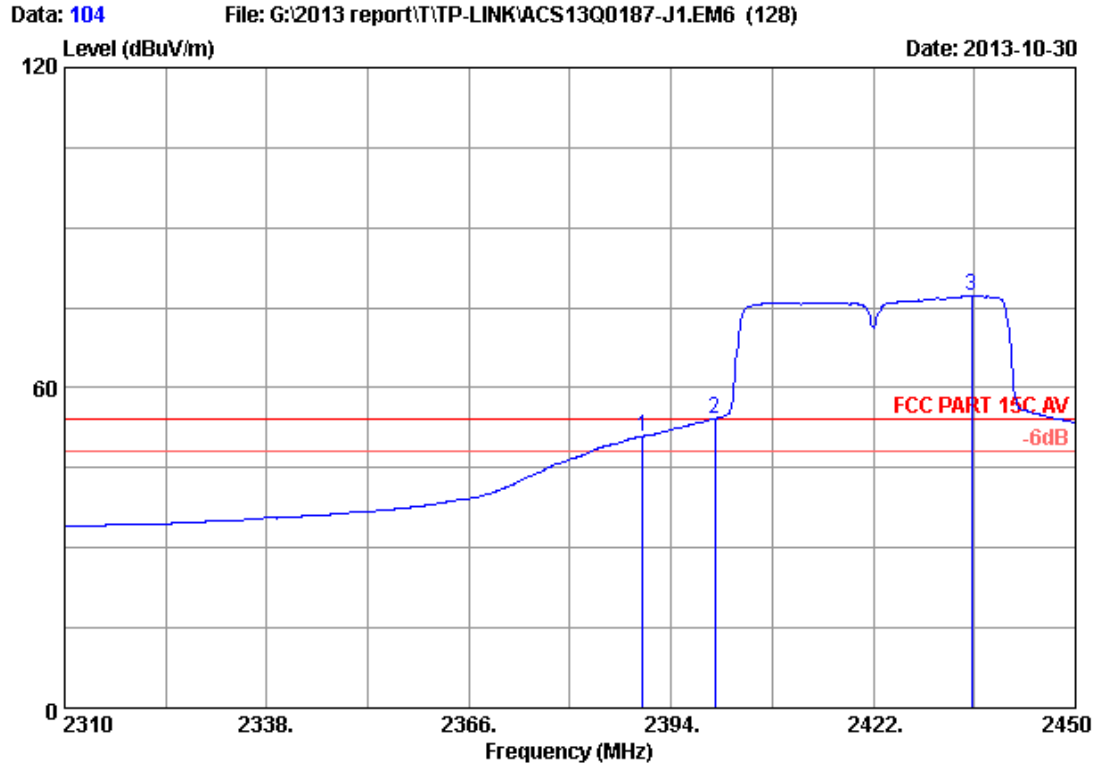


Site no. : 3m Chamber Data no. : 103
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	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	2388.820	28.16	5.78	35.70	70.18	68.42	74.00	5.58	Peak
2	2390.000	28.16	5.78	35.70	68.71	66.95	74.00	7.05	Peak
3	2400.000	28.18	5.80	35.70	73.92	72.20	74.00	1.80	Peak
4	2434.320	28.26	5.85	35.70	91.88	90.29	74.00	-16.29	Peak

Remarks:

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

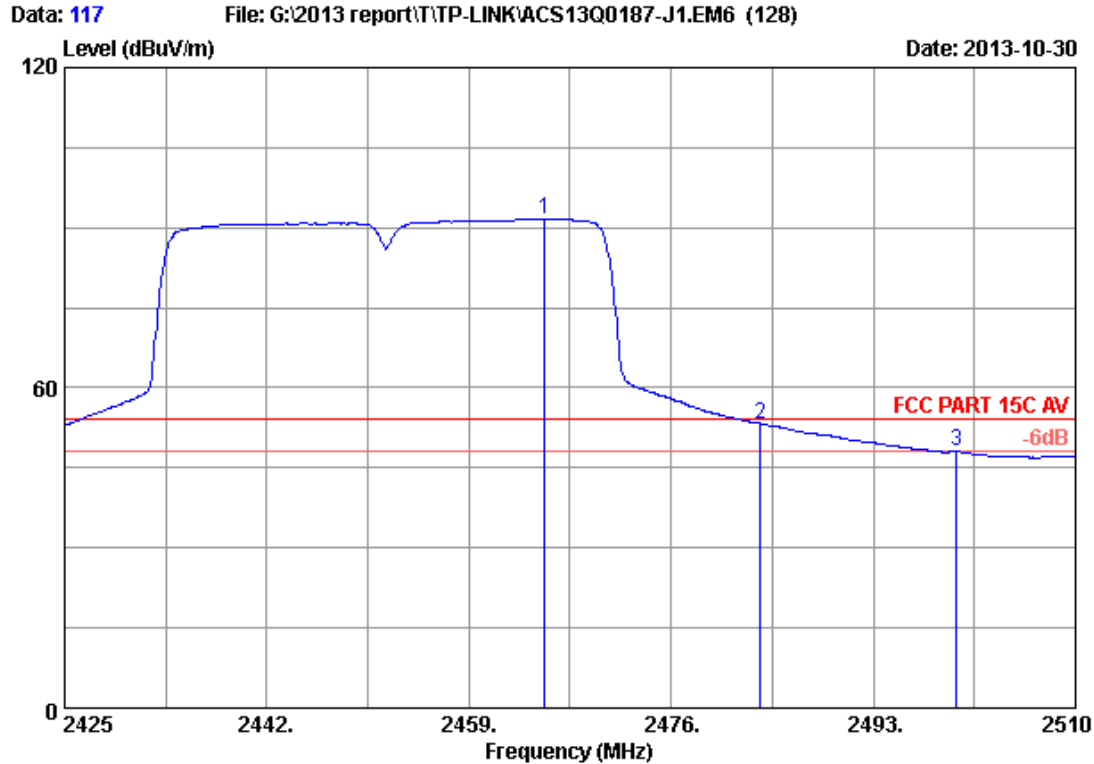


Site no. : 3m Chamber Data no. : 104
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	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	52.64	50.88	54.00	3.12	Average
2	2400.000	28.18	5.80	35.70	55.93	54.21	54.00	-0.21	Average
3	2435.580	28.26	5.85	35.70	78.73	77.14	54.00	-23.14	Average

Remarks:

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

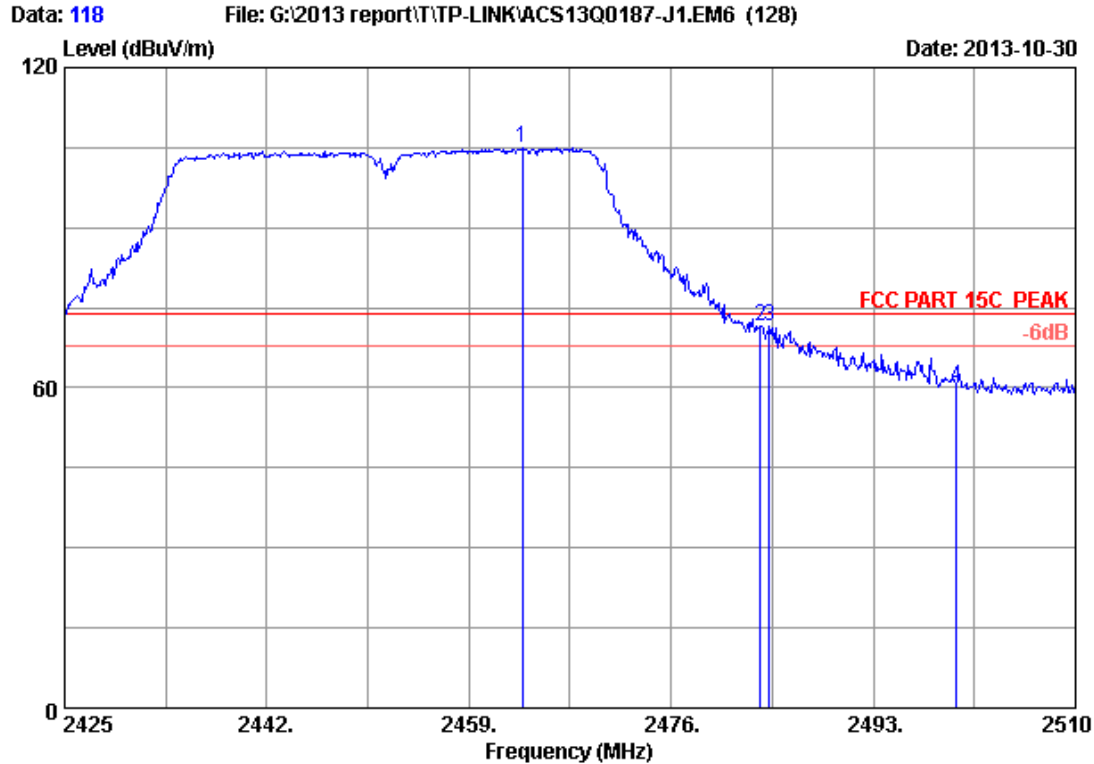


Site no. : 3m Chamber Data no. : 117
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

	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	2465.375	28.32	5.89	35.70	93.15	91.66	54.00	-37.66	Average
2	2483.500	28.36	5.92	35.70	54.68	53.26	54.00	0.74	Average
3	2500.000	28.40	5.94	35.70	49.43	48.07	54.00	5.93	Average

Remarks:

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

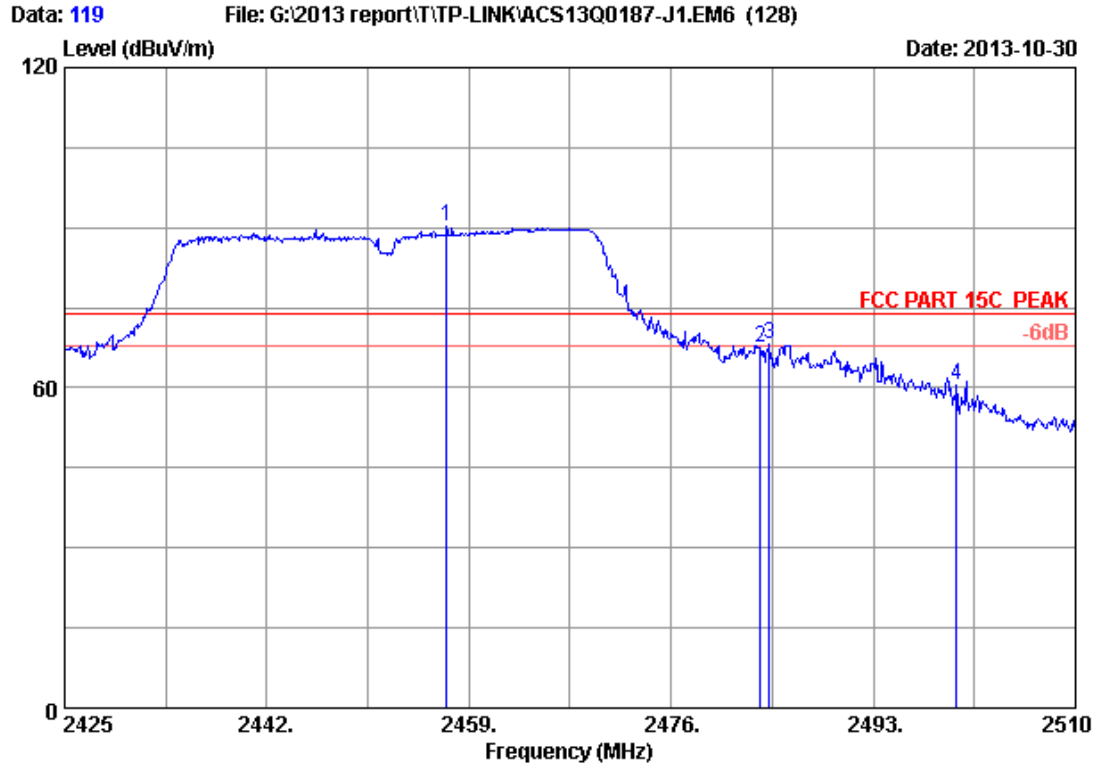


Site no. : 3m Chamber Data no. : 118
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

	Freq.	Ant.	Cable	Amp.		Emission			
	(MHz)	Factor	loss	Factor	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2463.505	28.32	5.89	35.70	106.58	105.09	74.00	-31.09	Peak
2	2483.500	28.36	5.92	35.70	72.79	71.37	74.00	2.63	Peak
3	2484.245	28.37	5.92	35.70	72.94	71.53	74.00	2.47	Peak
4	2500.000	28.40	5.94	35.70	61.66	60.30	74.00	13.70	Peak

Remarks:

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

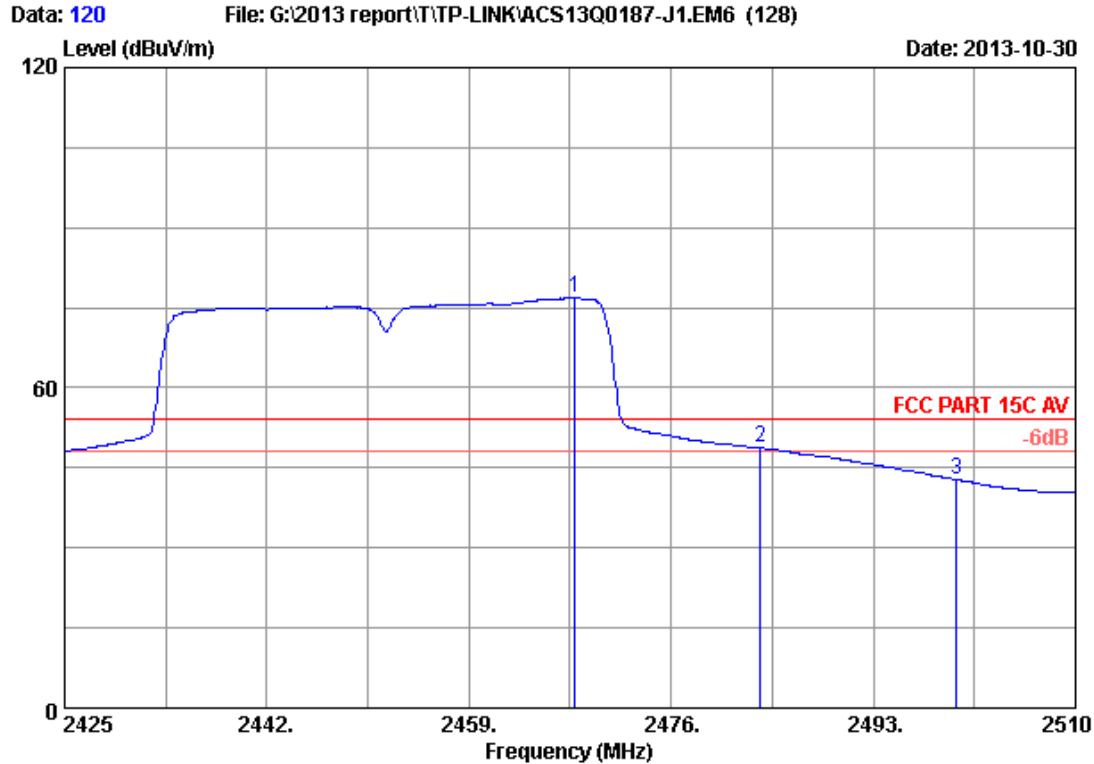


Site no. : 3m Chamber Data no. : 119
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2457.130	28.31	5.88	35.70	91.70	90.19	74.00	-16.19	Peak
2	2483.500	28.36	5.92	35.70	69.08	67.66	74.00	6.34	Peak
3	2484.245	28.37	5.92	35.70	69.50	68.09	74.00	5.91	Peak
4	2500.000	28.40	5.94	35.70	61.89	60.53	74.00	13.47	Peak

Remarks:

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

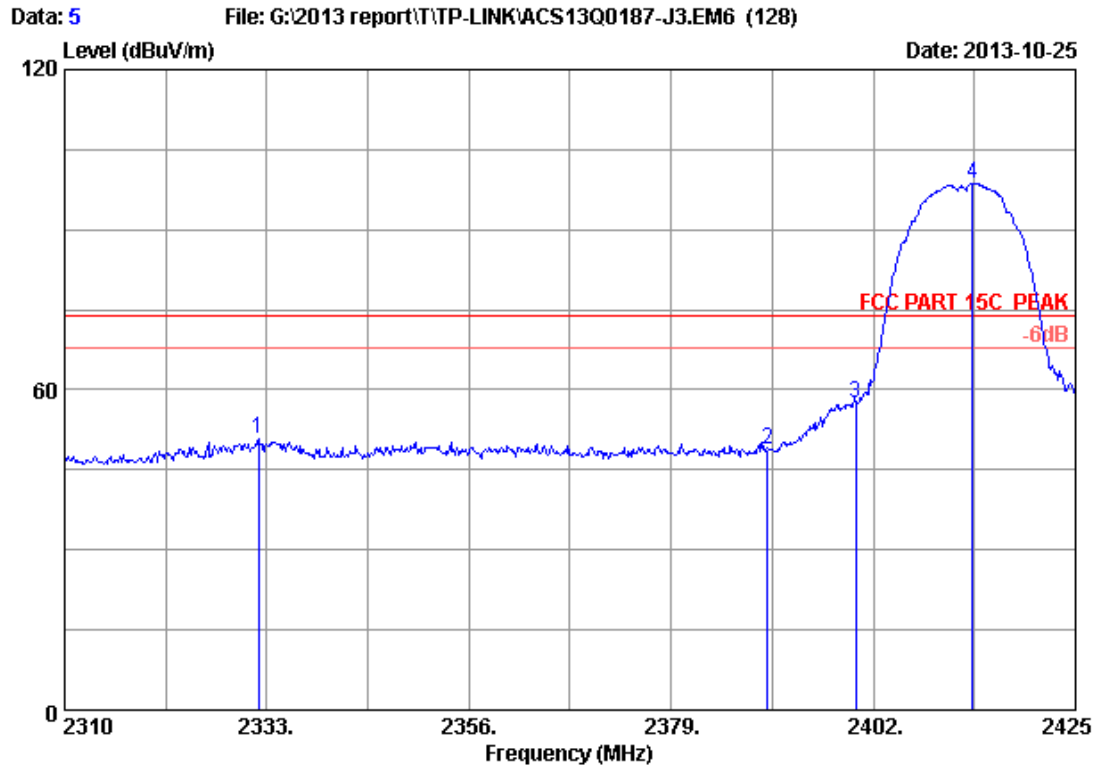


Site no. : 3m Chamber Data no. : 120
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

	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	2467.925	28.33	5.90	35.70	78.31	76.84	54.00	-22.84	Average
2	2483.500	28.36	5.92	35.70	50.12	48.70	54.00	5.30	Average
3	2500.000	28.40	5.94	35.70	44.16	42.80	54.00	11.20	Average

Remarks:

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

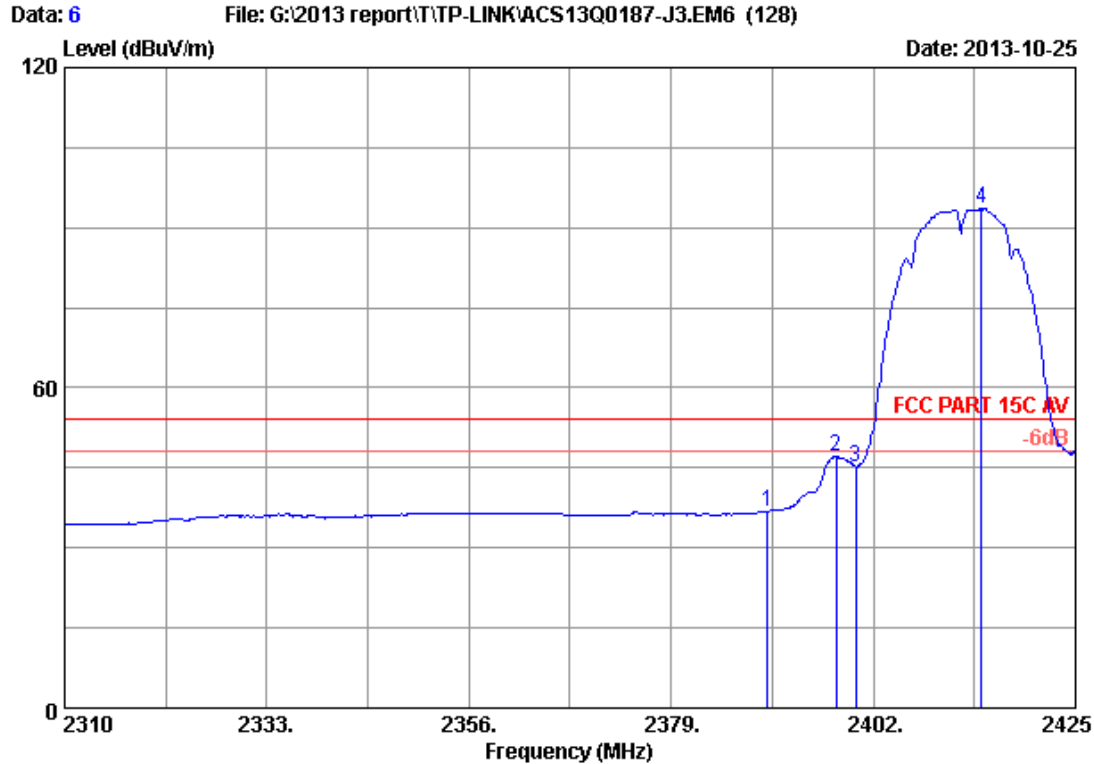
Vertical Antenna


Site no. : 3m Chamber Data no. : 5
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2332.080	28.03	5.70	35.70	52.65	50.68	74.00	23.32	Peak
2	2390.000	28.16	5.78	35.70	50.72	48.96	74.00	25.04	Peak
3	2400.000	28.18	5.80	35.70	59.14	57.42	74.00	16.58	Peak
4	2413.270	28.21	5.82	35.70	100.32	98.65	74.00	-24.65	Peak

Remarks:

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

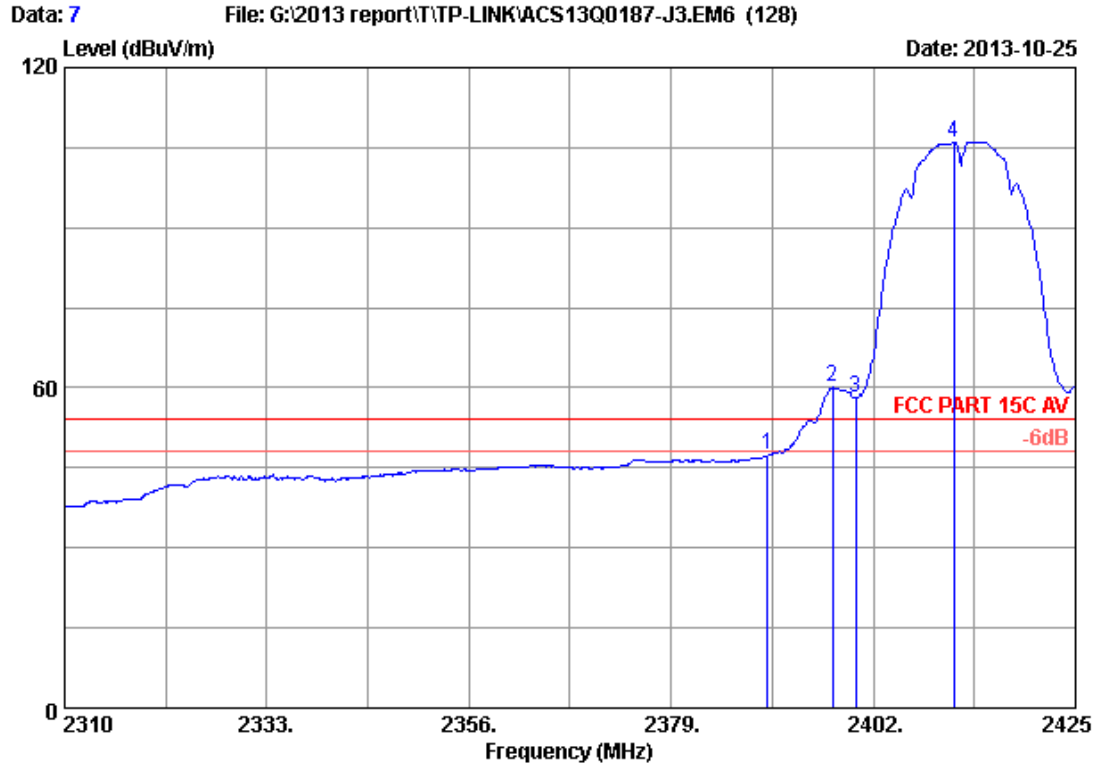


Site no. : 3m Chamber Data no. : 6
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	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	38.65	36.89	54.00	17.11	Average
2	2397.745	28.18	5.79	35.70	48.76	47.03	54.00	6.97	Average
3	2400.000	28.18	5.80	35.70	46.97	45.25	54.00	8.75	Average
4	2414.305	28.21	5.82	35.70	95.20	93.53	54.00	-39.53	Average

Remarks:

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

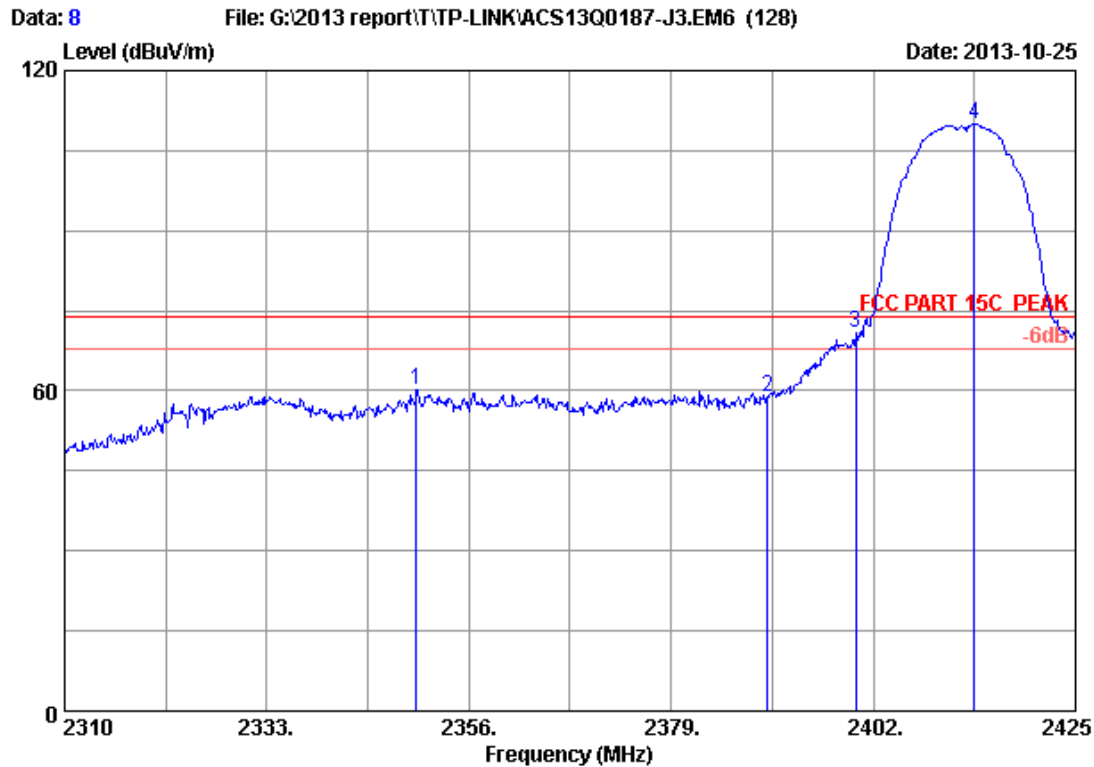


Site no. : 3m Chamber Data no. : 7
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	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	49.08	47.32	54.00	6.68	Average
2	2397.400	28.17	5.79	35.70	61.77	60.03	54.00	-6.03	Average
3	2400.000	28.18	5.80	35.70	59.92	58.20	54.00	-4.20	Average
4	2411.200	28.20	5.81	35.70	107.76	106.07	54.00	-52.07	Average

Remarks:

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

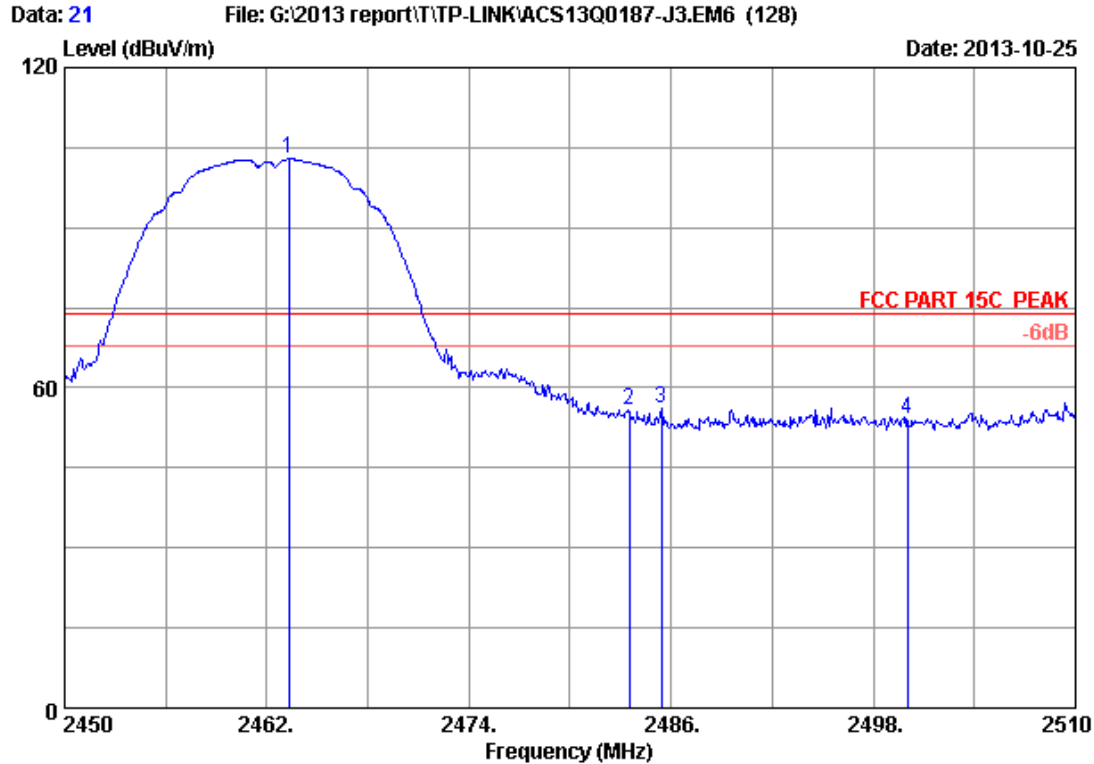


Site no. : 3m Chamber Data no. : 8
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	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	2350.020	28.07	5.72	35.70	61.95	60.04	74.00	13.96	Peak
2	2390.000	28.16	5.78	35.70	60.71	58.95	74.00	15.05	Peak
3	2400.000	28.18	5.80	35.70	72.67	70.95	74.00	3.05	Peak
4	2413.500	28.21	5.82	35.70	111.63	109.96	74.00	-35.96	Peak

Remarks:

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

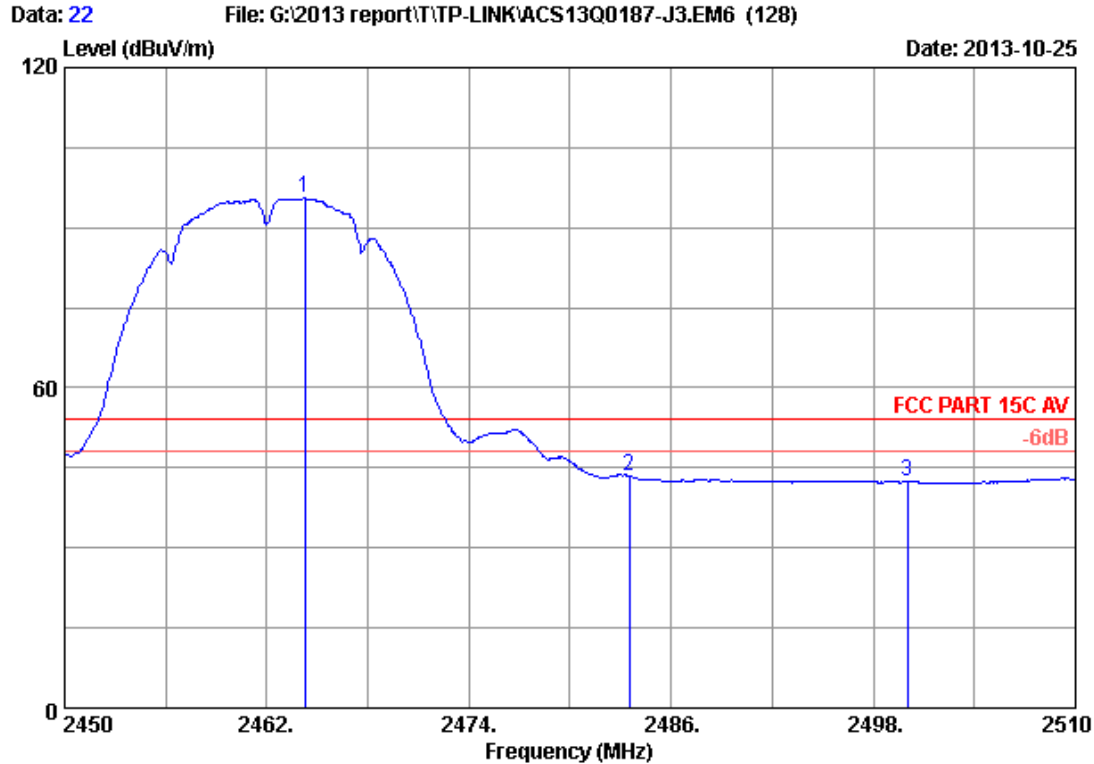


Site no. : 3m Chamber Data no. : 21
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	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	2463.320	28.32	5.89	35.70	104.33	102.84	74.00	-28.84	Peak
2	2483.500	28.36	5.92	35.70	57.19	55.77	74.00	18.23	Peak
3	2485.400	28.37	5.92	35.70	57.46	56.05	74.00	17.95	Peak
4	2500.000	28.40	5.94	35.70	55.46	54.10	74.00	19.90	Peak

Remarks:

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

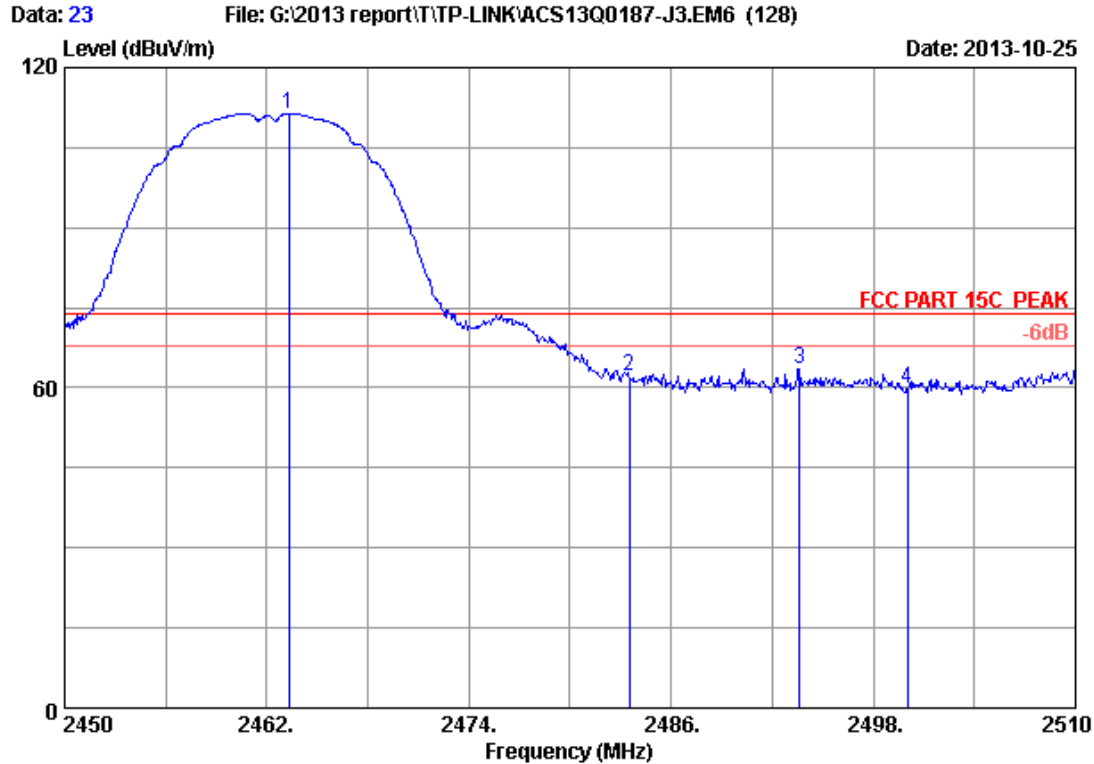


Site no. : 3m Chamber Data no. : 22
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	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	2464.280	28.32	5.89	35.70	96.96	95.47	54.00	-41.47	Average
2	2483.500	28.36	5.92	35.70	44.72	43.30	54.00	10.70	Average
3	2500.000	28.40	5.94	35.70	43.72	42.36	54.00	11.64	Average

Remarks:

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

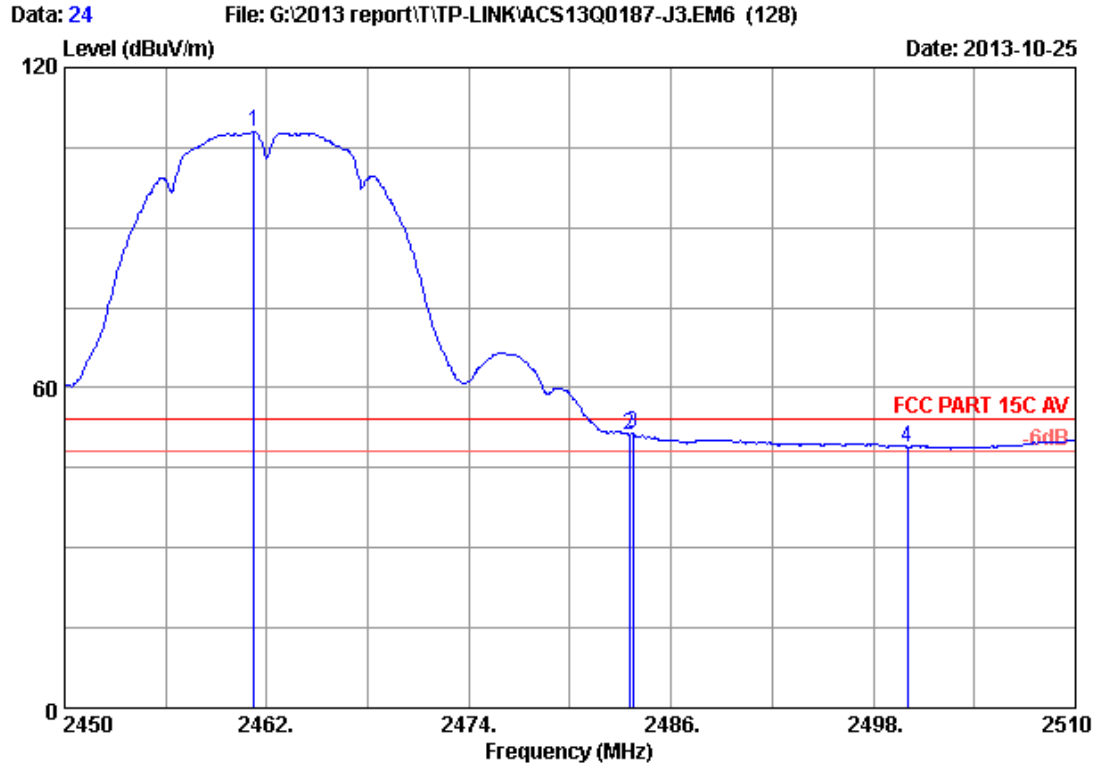


Site no. : 3m Chamber Data no. : 23
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	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	2463.320	28.32	5.89	35.70	112.91	111.42	74.00	-37.42	Peak
2	2483.500	28.36	5.92	35.70	63.62	62.20	74.00	11.80	Peak
3	2493.620	28.39	5.93	35.70	64.84	63.46	74.00	10.54	Peak
4	2500.000	28.40	5.94	35.70	61.15	59.79	74.00	14.21	Peak

Remarks:

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

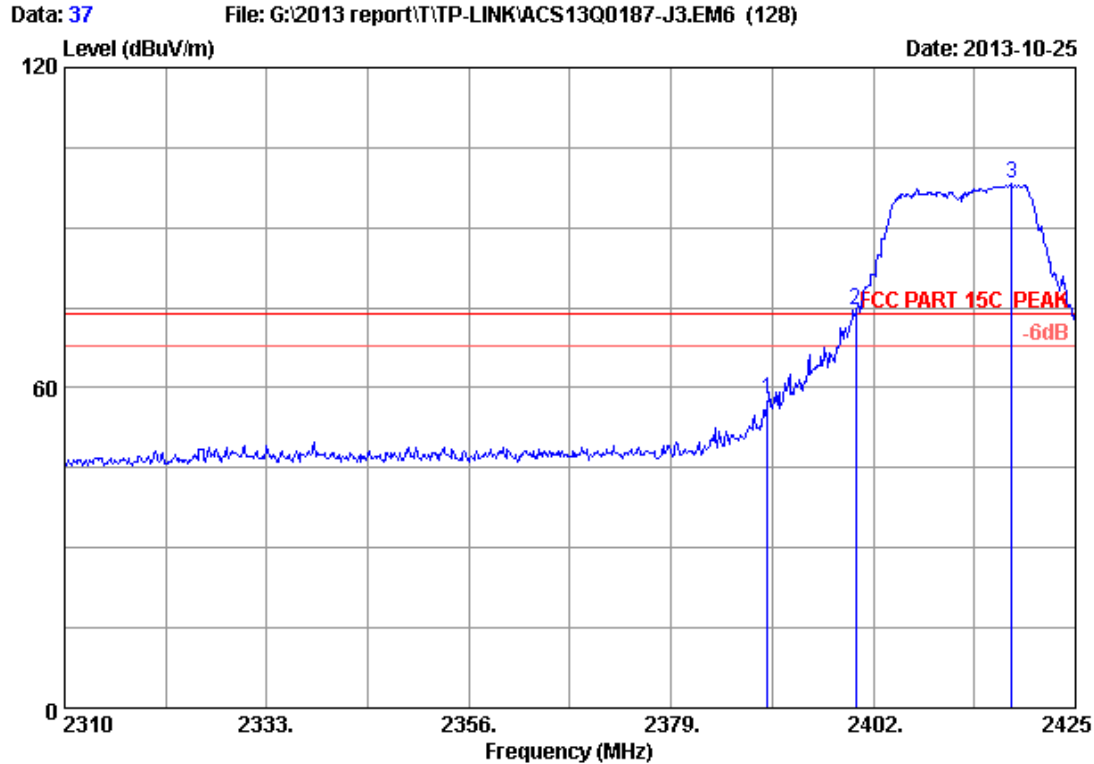


Site no. : 3m Chamber Data no. : 24
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	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	2461.220	28.31	5.89	35.70	109.43	107.93	54.00	-53.93	Average
2	2483.500	28.36	5.92	35.70	52.68	51.26	54.00	2.74	Average
3	2483.720	28.36	5.92	35.70	52.80	51.38	54.00	2.62	Average
4	2500.000	28.40	5.94	35.70	50.25	48.89	54.00	5.11	Average

Remarks:

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

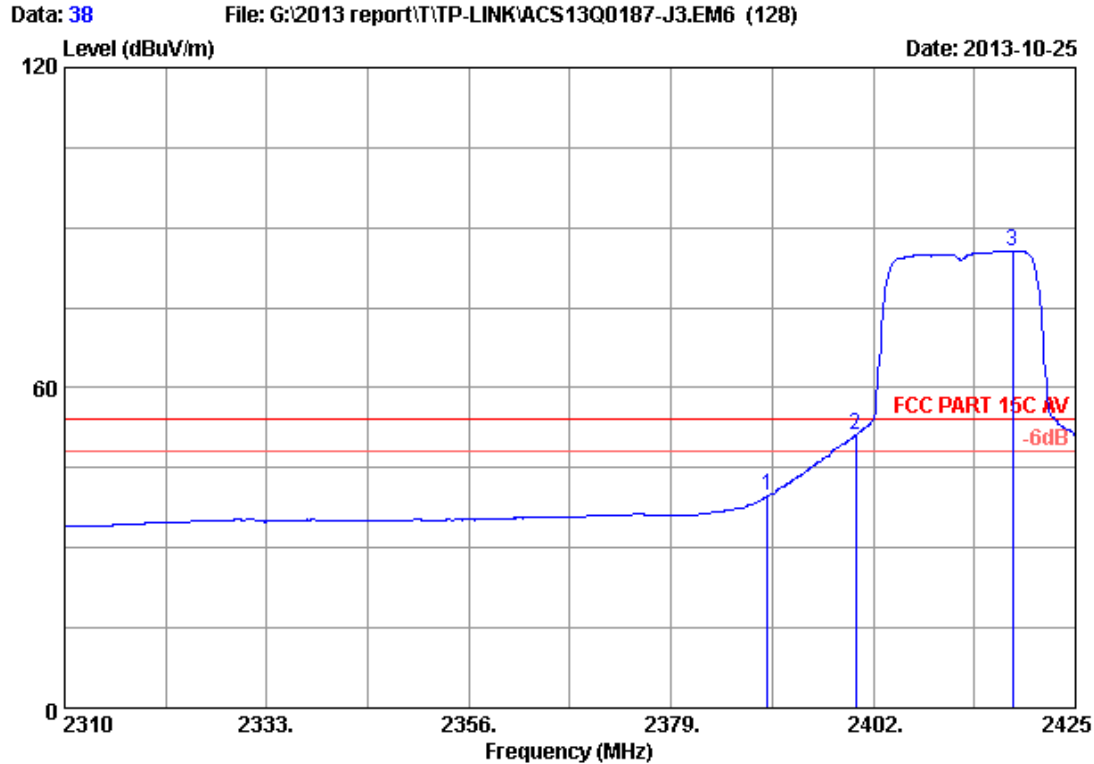


Site no. : 3m Chamber Data no. : 37
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	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	59.50	57.74	74.00	16.26	Peak
2	2400.000	28.18	5.80	35.70	76.40	74.68	74.00	-0.68	Peak
3	2417.755	28.22	5.82	35.70	99.82	98.16	74.00	-24.16	Peak

Remarks:

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

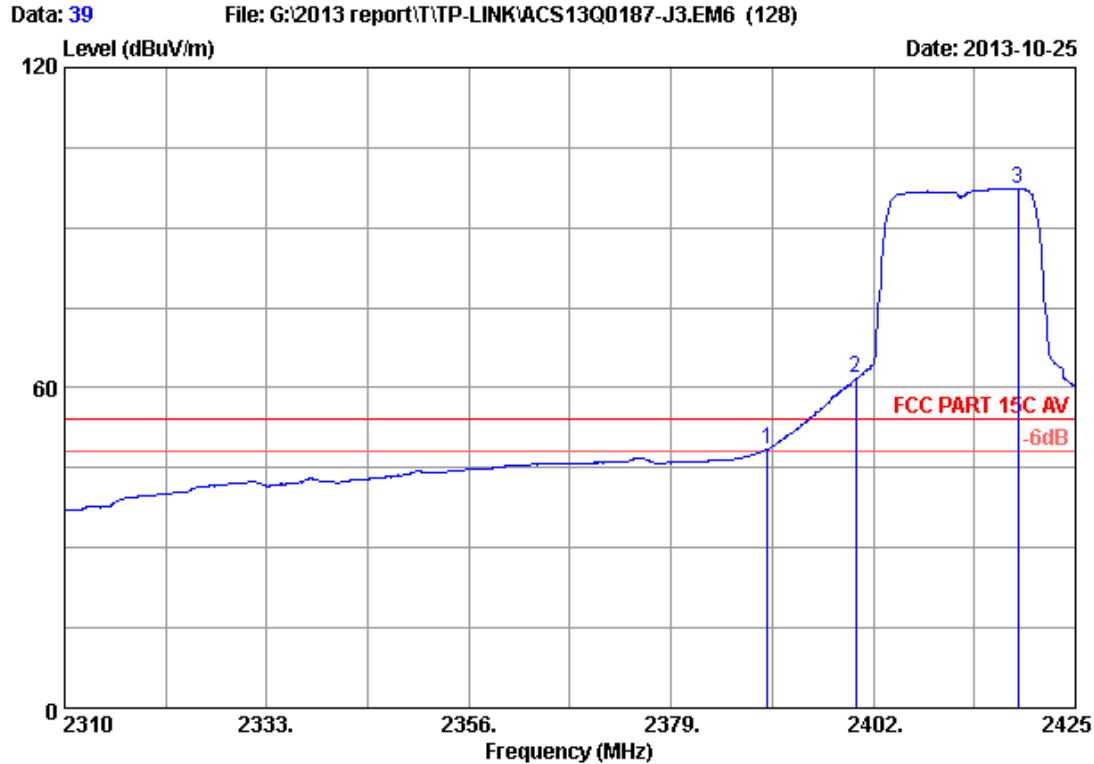


Site no. : 3m Chamber Data no. : 38
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	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	41.57	39.81	54.00	14.19	Average
2	2400.000	28.18	5.80	35.70	52.95	51.23	54.00	2.77	Average
3	2417.870	28.22	5.82	35.70	87.30	85.64	54.00	-31.64	Average

Remarks:

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

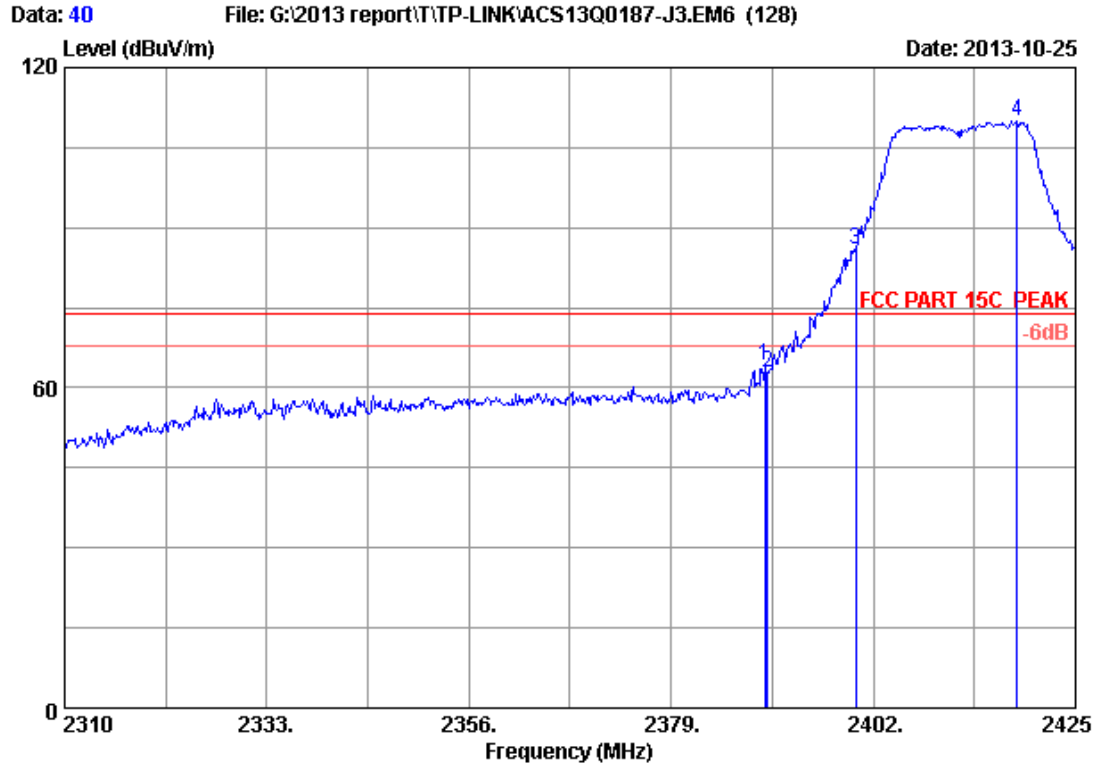


Site no. : 3m Chamber Data no. : 39
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	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	50.34	48.58	54.00	5.42	Average
2	2400.000	28.18	5.80	35.70	63.60	61.88	54.00	-7.88	Average
3	2418.445	28.22	5.82	35.70	99.01	97.35	54.00	-43.35	Average

Remarks:

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

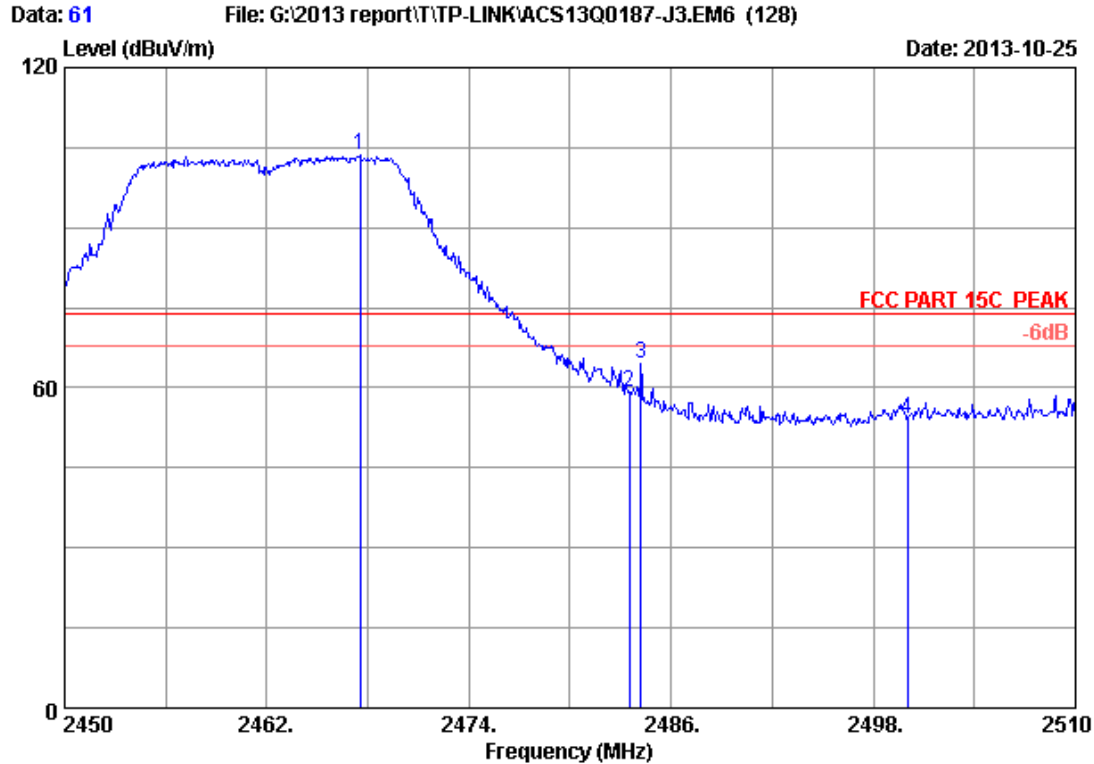


Site no. : 3m Chamber Data no. : 40
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2389.695	28.16	5.78	35.70	65.97	64.21	74.00	9.79	Peak
2	2390.000	28.16	5.78	35.70	64.62	62.86	74.00	11.14	Peak
3	2400.000	28.18	5.80	35.70	87.59	85.87	74.00	-11.87	Peak
4	2418.330	28.22	5.82	35.70	111.50	109.84	74.00	-35.84	Peak

Remarks:

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

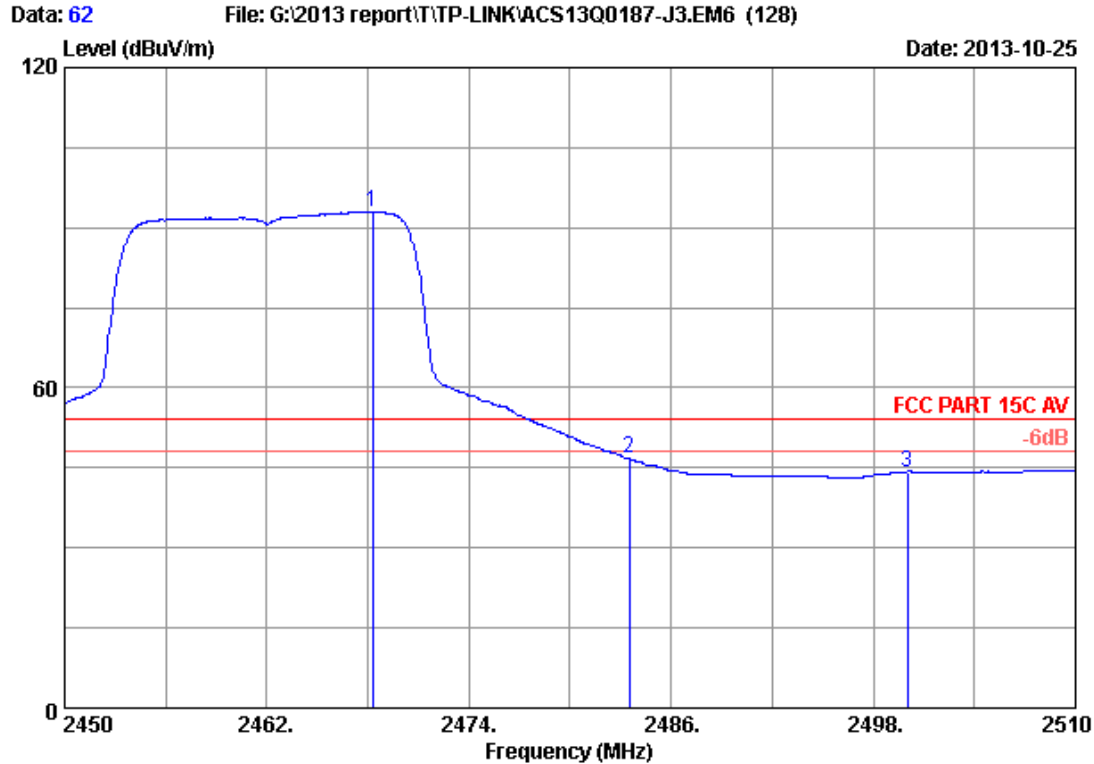


Site no. : 3m Chamber Data no. : 61
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	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	2467.520	28.33	5.90	35.70	104.95	103.48	74.00	-29.48	Peak
2	2483.500	28.36	5.92	35.70	60.61	59.19	74.00	14.81	Peak
3	2484.200	28.37	5.92	35.70	66.02	64.61	74.00	9.39	Peak
4	2500.000	28.40	5.94	35.70	55.38	54.02	74.00	19.98	Peak

Remarks:

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

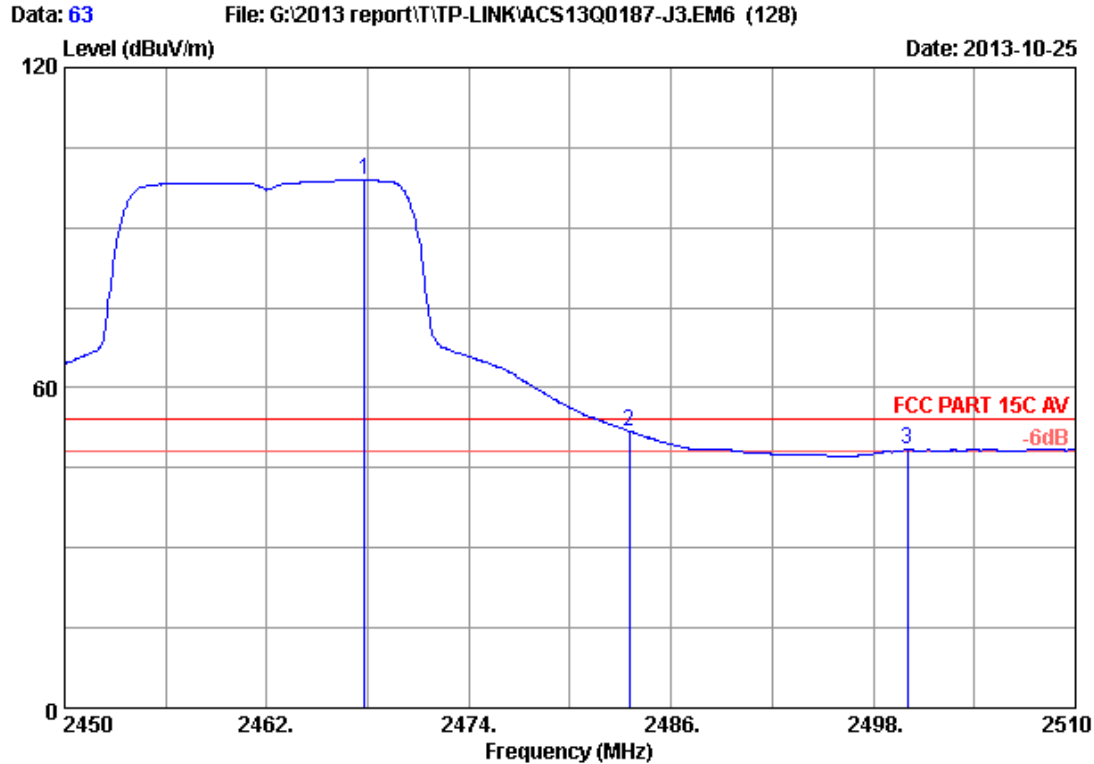


Site no. : 3m Chamber Data no. : 62
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	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	2468.300	28.33	5.90	35.70	94.38	92.91	54.00	-38.91	Average
2	2483.500	28.36	5.92	35.70	48.14	46.72	54.00	7.28	Average
3	2500.000	28.40	5.94	35.70	45.63	44.27	54.00	9.73	Average

Remarks:

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

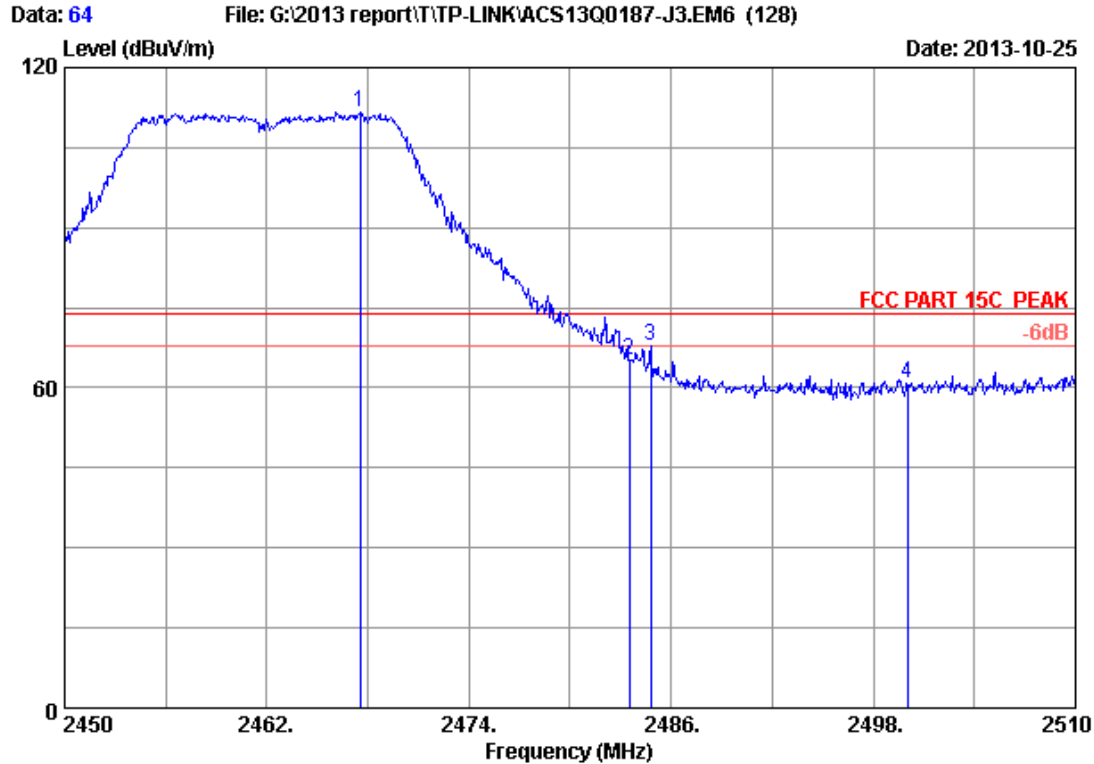


Site no. : 3m Chamber Data no. : 63
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	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	2467.820	28.33	5.90	35.70	100.36	98.89	54.00	-44.89	Average
2	2483.500	28.36	5.92	35.70	53.22	51.80	54.00	2.20	Average
3	2500.000	28.40	5.94	35.70	49.75	48.39	54.00	5.61	Average

Remarks:

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

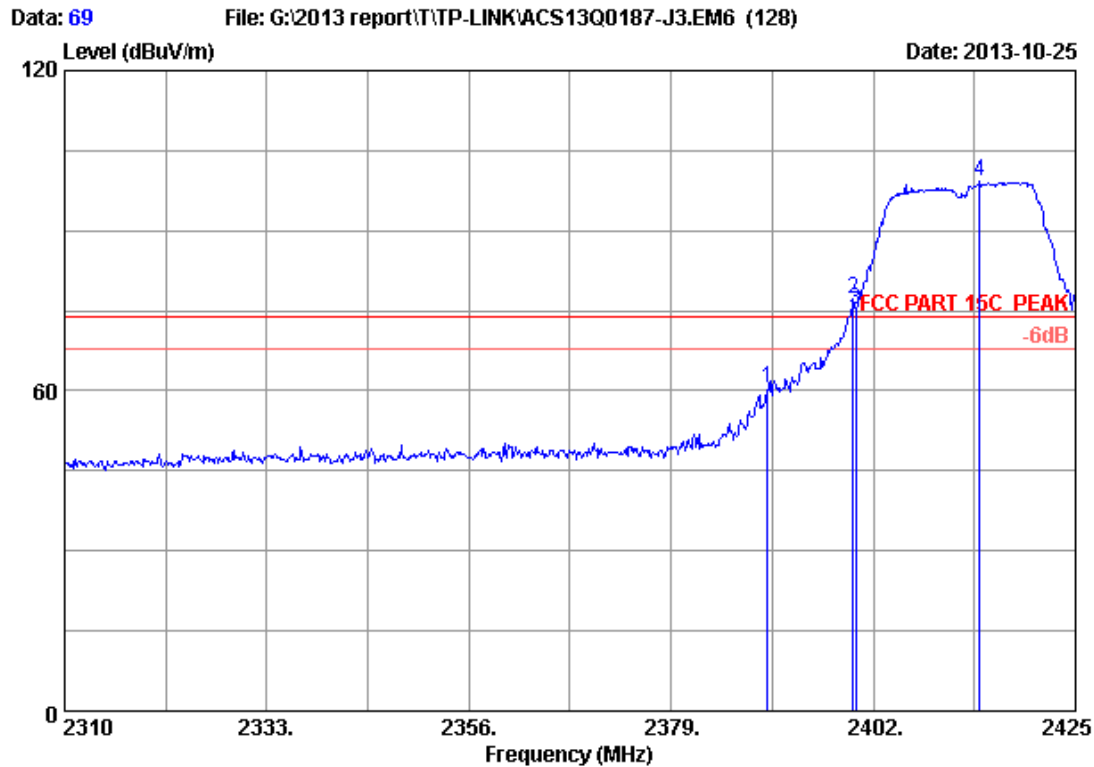


Site no. : 3m Chamber Data no. : 64
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	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	2467.520	28.33	5.90	35.70	113.11	111.64	74.00	-37.64	Peak
2	2483.500	28.36	5.92	35.70	66.73	65.31	74.00	8.69	Peak
3	2484.800	28.37	5.92	35.70	69.35	67.94	74.00	6.06	Peak
4	2500.000	28.40	5.94	35.70	62.20	60.84	74.00	13.16	Peak

Remarks:

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

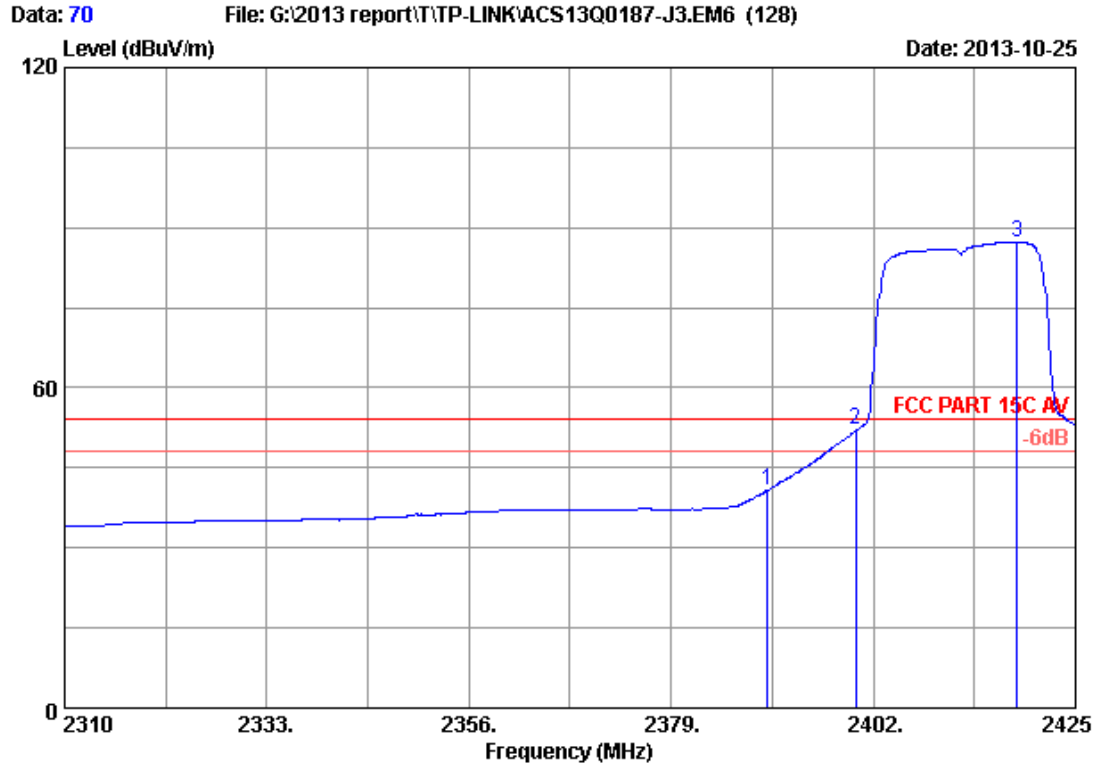


Site no. : 3m Chamber Data no. : 69
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	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	62.30	60.54	74.00	13.46	Peak
2	2399.700	28.18	5.80	35.70	78.90	77.18	74.00	-3.18	Peak
3	2400.000	28.18	5.80	35.70	76.98	75.26	74.00	-1.26	Peak
4	2414.075	28.21	5.82	35.70	100.86	99.19	74.00	-25.19	Peak

Remarks:

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

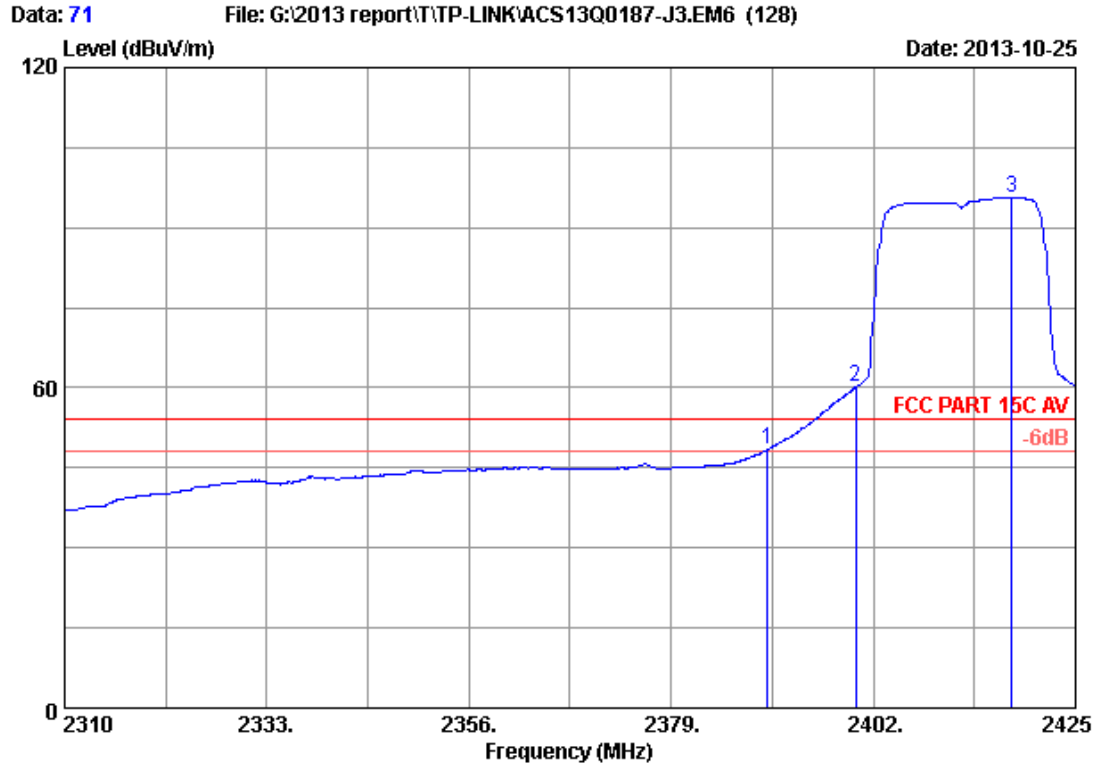


Site no. : 3m Chamber Data no. : 70
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	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	42.59	40.83	54.00	13.17	Average
2	2400.000	28.18	5.80	35.70	53.81	52.09	54.00	1.91	Average
3	2418.330	28.22	5.82	35.70	88.91	87.25	54.00	-33.25	Average

Remarks:

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

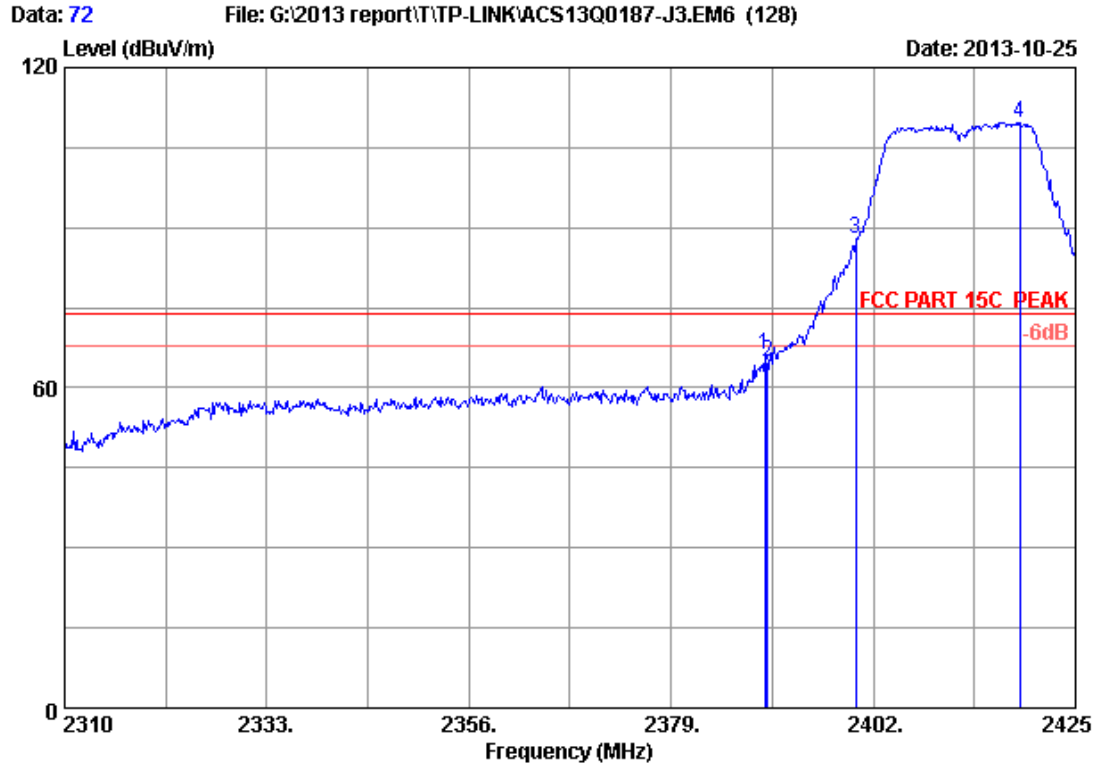


Site no. : 3m Chamber Data no. : 71
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	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	50.23	48.47	54.00	5.53	Average
2	2400.000	28.18	5.80	35.70	61.97	60.25	54.00	-6.25	Average
3	2417.755	28.22	5.82	35.70	97.29	95.63	54.00	-41.63	Average

Remarks:

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

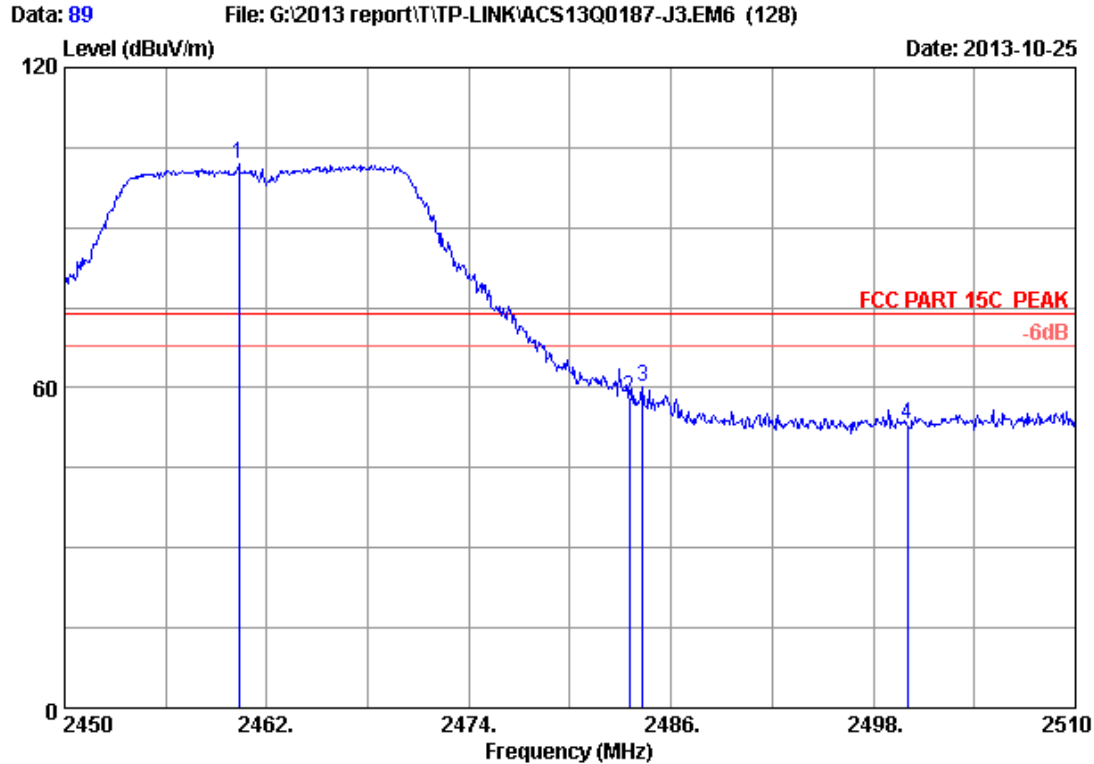


Site no. : 3m Chamber Data no. : 72
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2389.695	28.16	5.78	35.70	68.08	66.32	74.00	7.68	Peak
2	2390.000	28.16	5.78	35.70	66.56	64.80	74.00	9.20	Peak
3	2400.000	28.18	5.80	35.70	89.50	87.78	74.00	-13.78	Peak
4	2418.675	28.22	5.82	35.70	111.37	109.71	74.00	-35.71	Peak

Remarks:

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

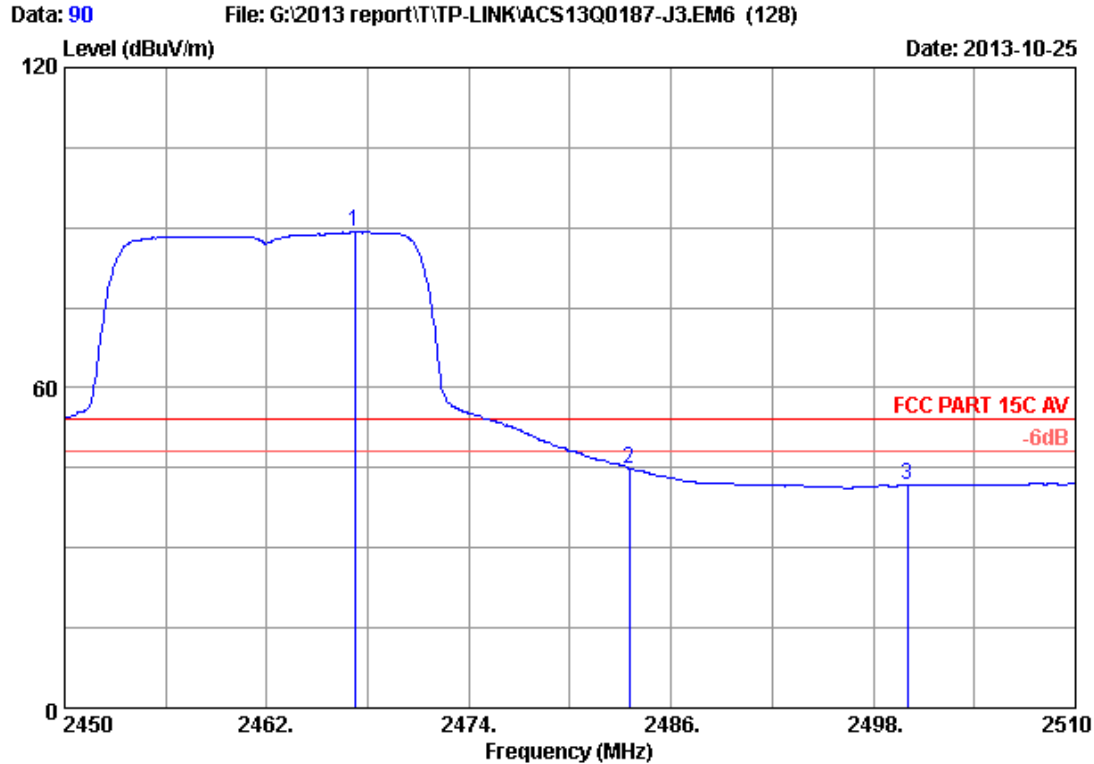


Site no. : 3m Chamber Data no. : 89
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	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	2460.320	28.31	5.88	35.70	103.30	101.79	74.00	-27.79	Peak
2	2483.500	28.36	5.92	35.70	59.65	58.23	74.00	15.77	Peak
3	2484.320	28.37	5.92	35.70	61.53	60.12	74.00	13.88	Peak
4	2500.000	28.40	5.94	35.70	54.66	53.30	74.00	20.70	Peak

Remarks:

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

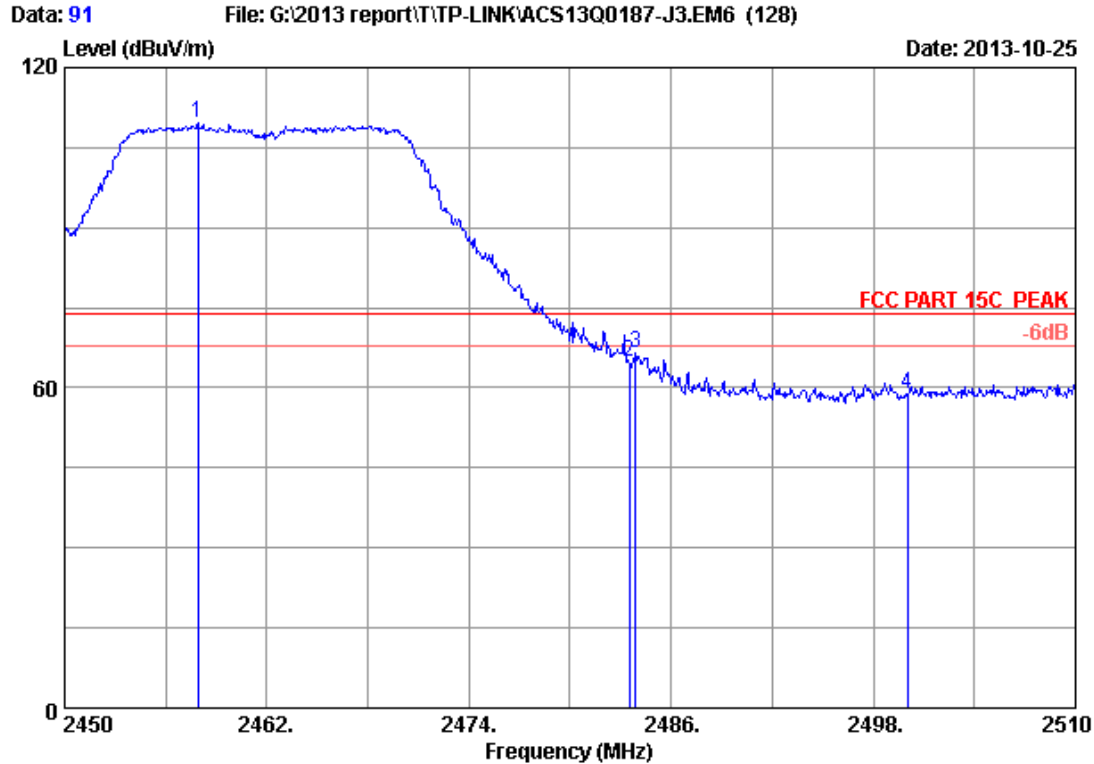


Site no. : 3m Chamber Data no. : 90
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	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	2467.220	28.33	5.89	35.70	90.69	89.21	54.00	-35.21	Average
2	2483.500	28.36	5.92	35.70	46.36	44.94	54.00	9.06	Average
3	2500.000	28.40	5.94	35.70	43.11	41.75	54.00	12.25	Average

Remarks:

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

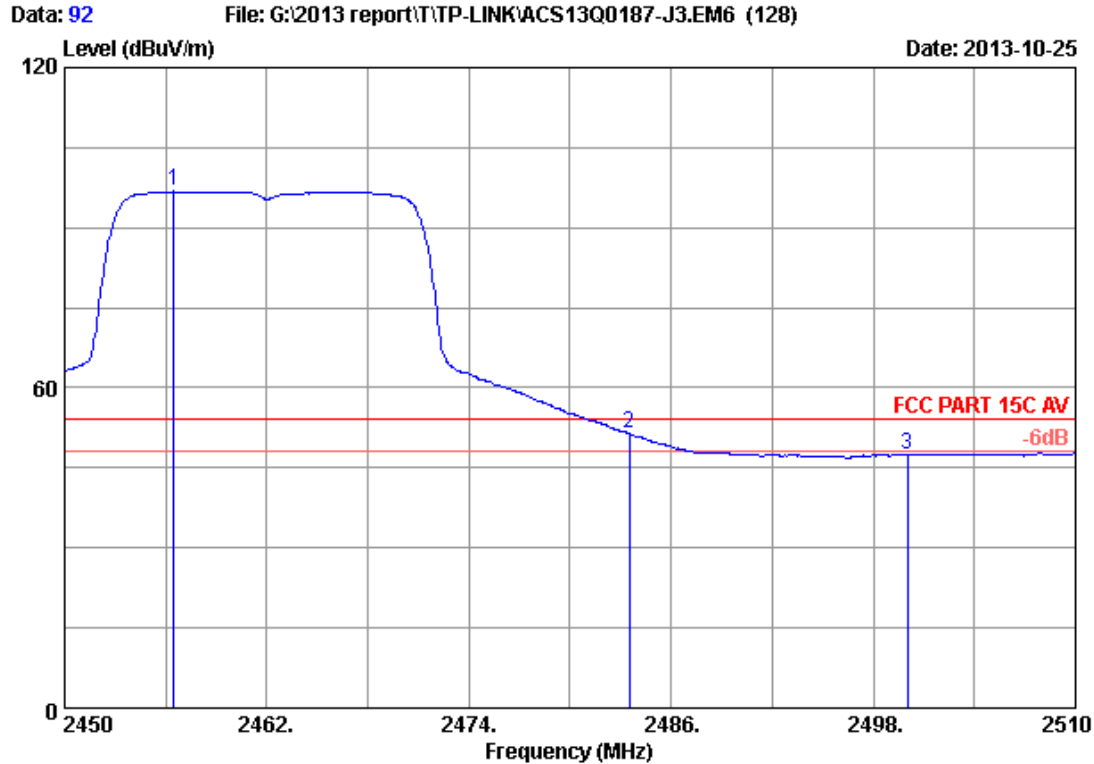


Site no. : 3m Chamber Data no. : 91
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2457.920	28.31	5.88	35.70	111.08	109.57	74.00	-35.57	Peak
2	2483.500	28.36	5.92	35.70	66.23	64.81	74.00	9.19	Peak
3	2483.900	28.36	5.92	35.70	67.91	66.49	74.00	7.51	Peak
4	2500.000	28.40	5.94	35.70	60.06	58.70	74.00	15.30	Peak

Remarks:

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

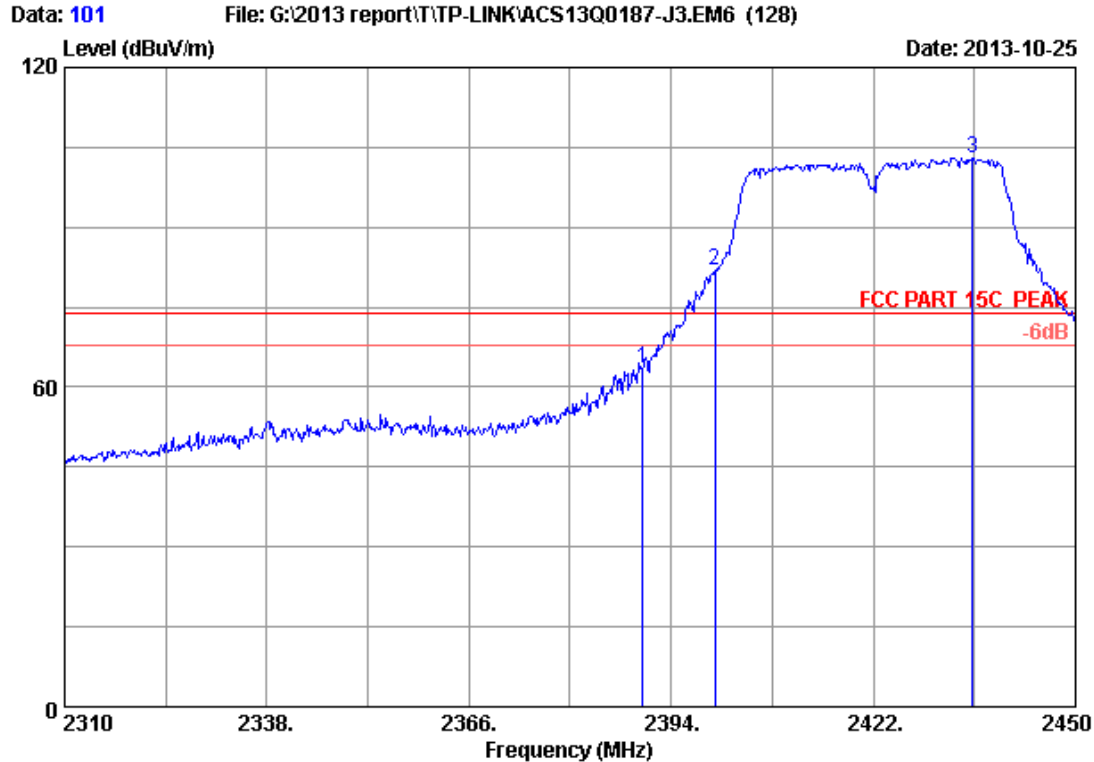


Site no. : 3m Chamber Data no. : 92
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	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	2456.480	28.30	5.88	35.70	98.29	96.77	54.00	-42.77	Average
2	2483.500	28.36	5.92	35.70	52.92	51.50	54.00	2.50	Average
3	2500.000	28.40	5.94	35.70	48.91	47.55	54.00	6.45	Average

Remarks:

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

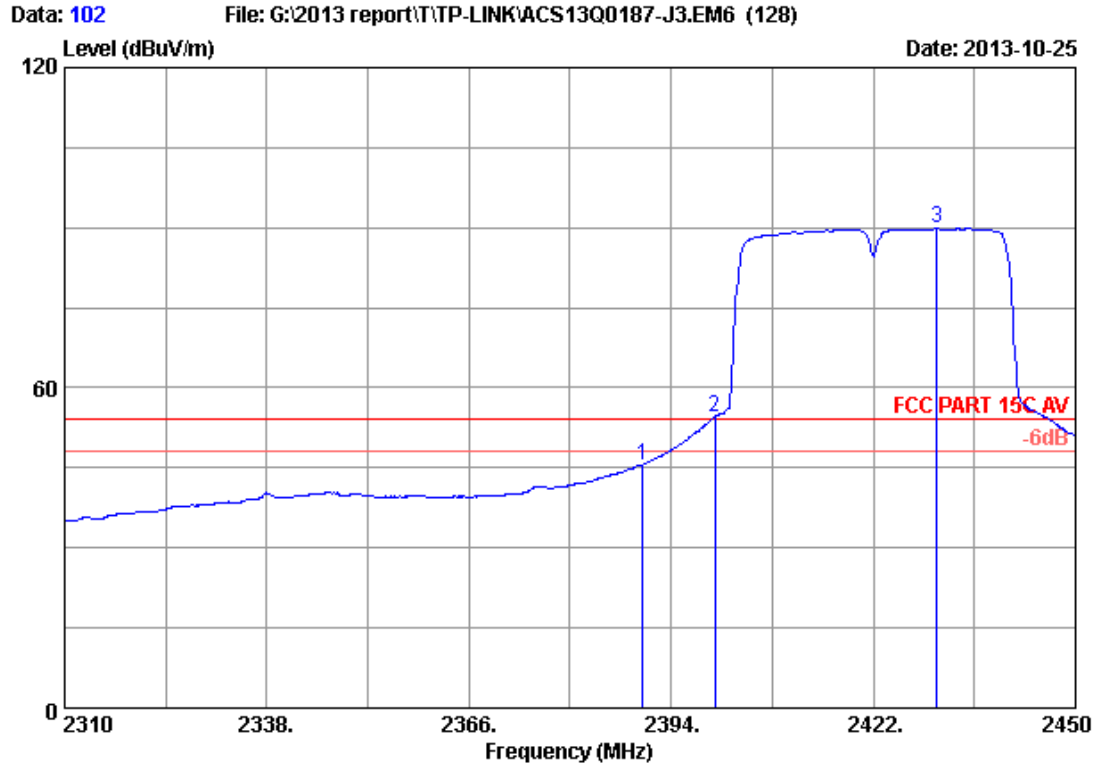


Site no. : 3m Chamber Data no. : 101
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	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	65.20	63.44	74.00	10.56	Peak
2	2400.000	28.18	5.80	35.70	83.45	81.73	74.00	-7.73	Peak
3	2435.720	28.26	5.85	35.70	104.64	103.05	74.00	-29.05	Peak

Remarks:

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

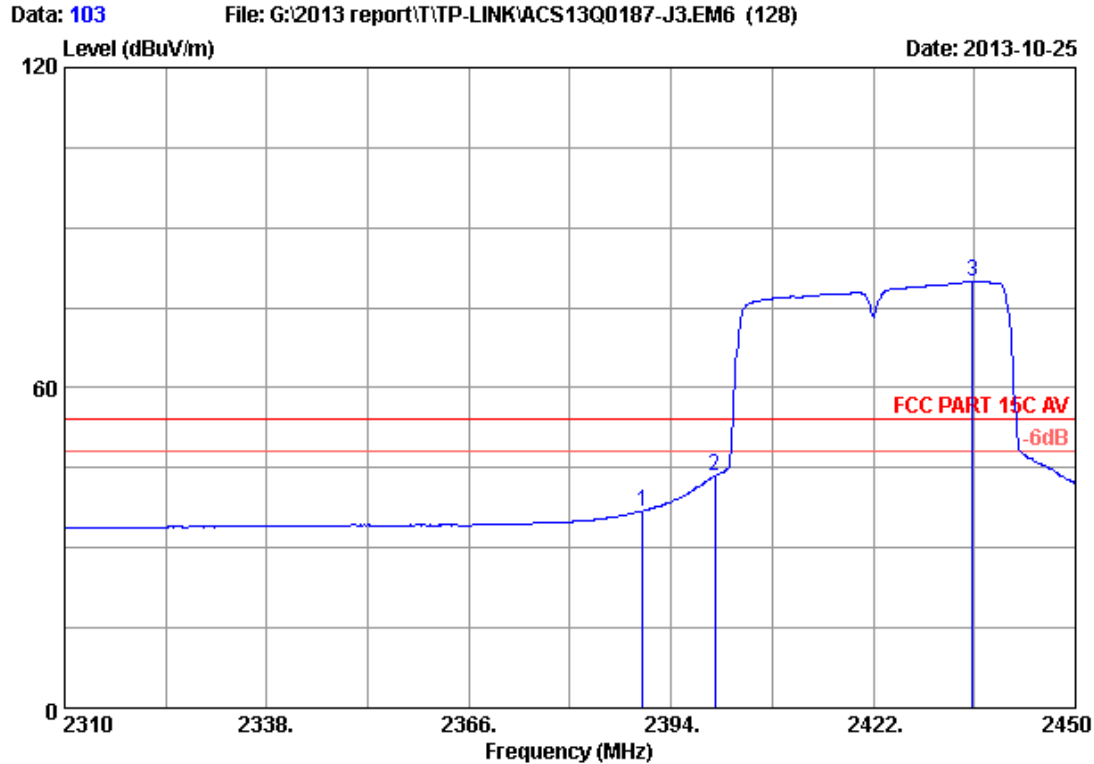


Site no. : 3m Chamber Data no. : 102
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	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	47.35	45.59	54.00	8.41	Average
2	2400.000	28.18	5.80	35.70	56.34	54.62	54.00	-0.62	Average
3	2430.820	28.25	5.84	35.70	91.40	89.79	54.00	-35.79	Average

Remarks:

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

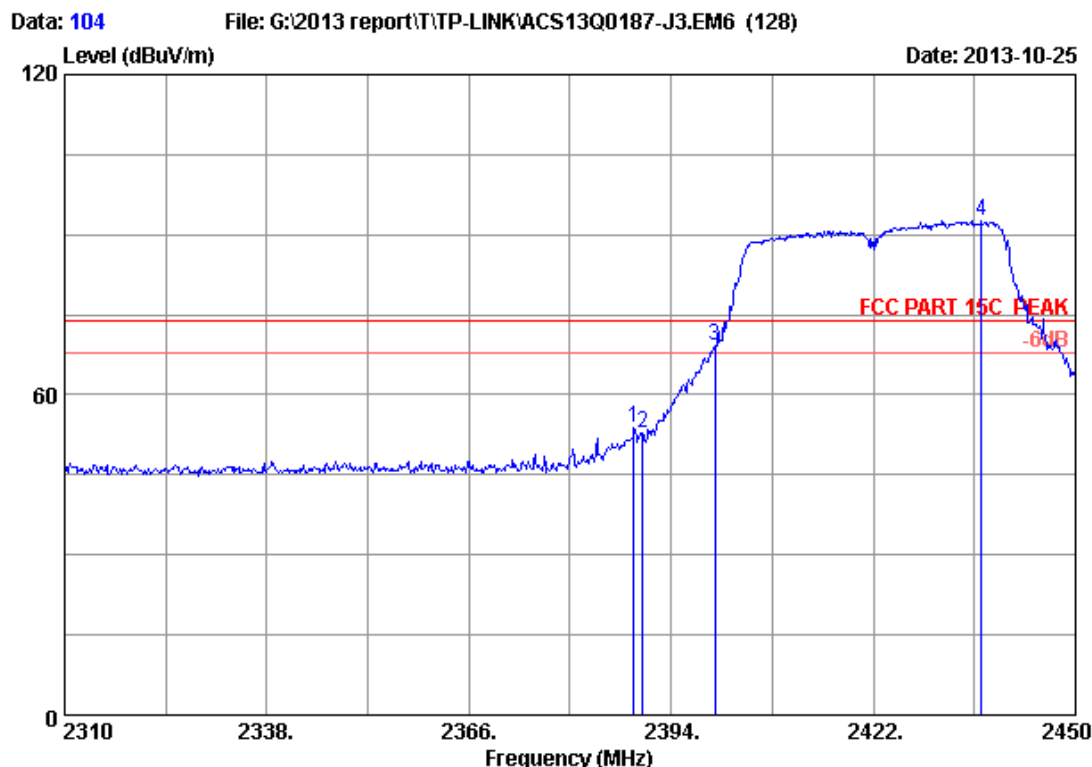


Site no. : 3m Chamber Data no. : 103
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	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	38.66	36.90	54.00	17.10	Average
2	2400.000	28.18	5.80	35.70	45.27	43.55	54.00	10.45	Average
3	2435.720	28.26	5.85	35.70	81.37	79.78	54.00	-25.78	Average

Remarks:

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

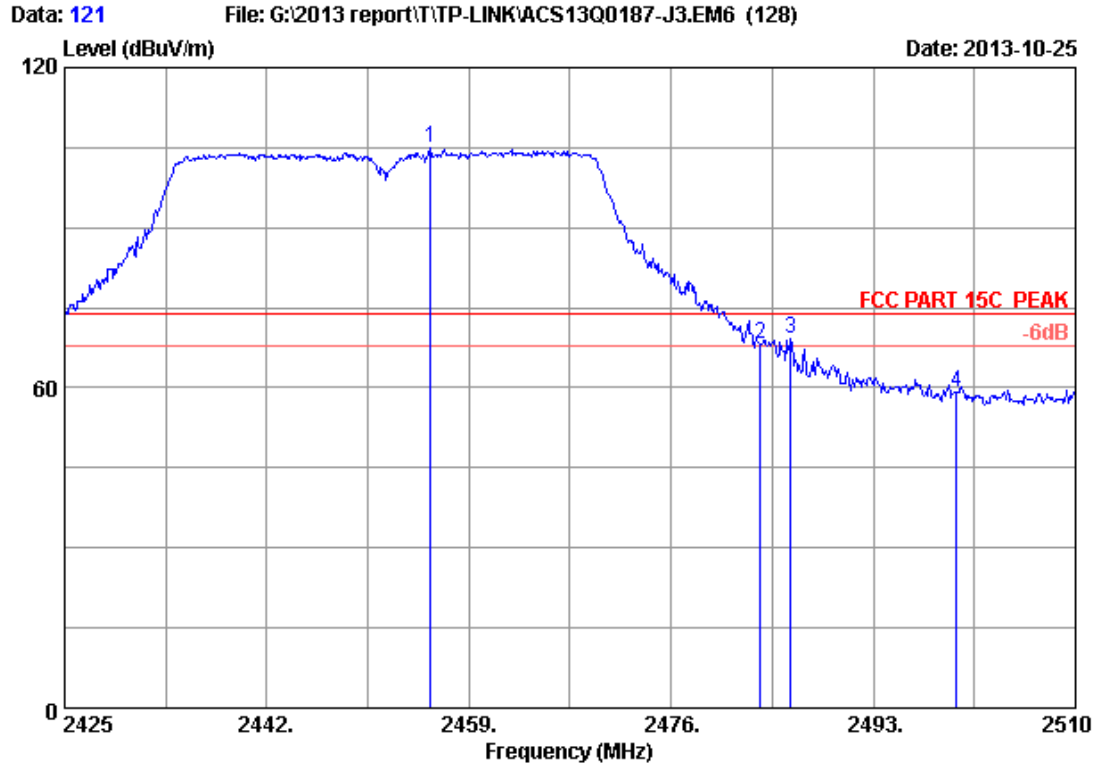


Site no. : 3m Chamber Data no. : 104
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	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	2388.820	28.16	5.78	35.70	55.49	53.73	74.00	20.27	Peak
2	2390.000	28.16	5.78	35.70	54.50	52.74	74.00	21.26	Peak
3	2400.000	28.18	5.80	35.70	70.95	69.23	74.00	4.77	Peak
4	2436.980	28.26	5.85	35.70	94.30	92.71	74.00	-18.71	Peak

Remarks:

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

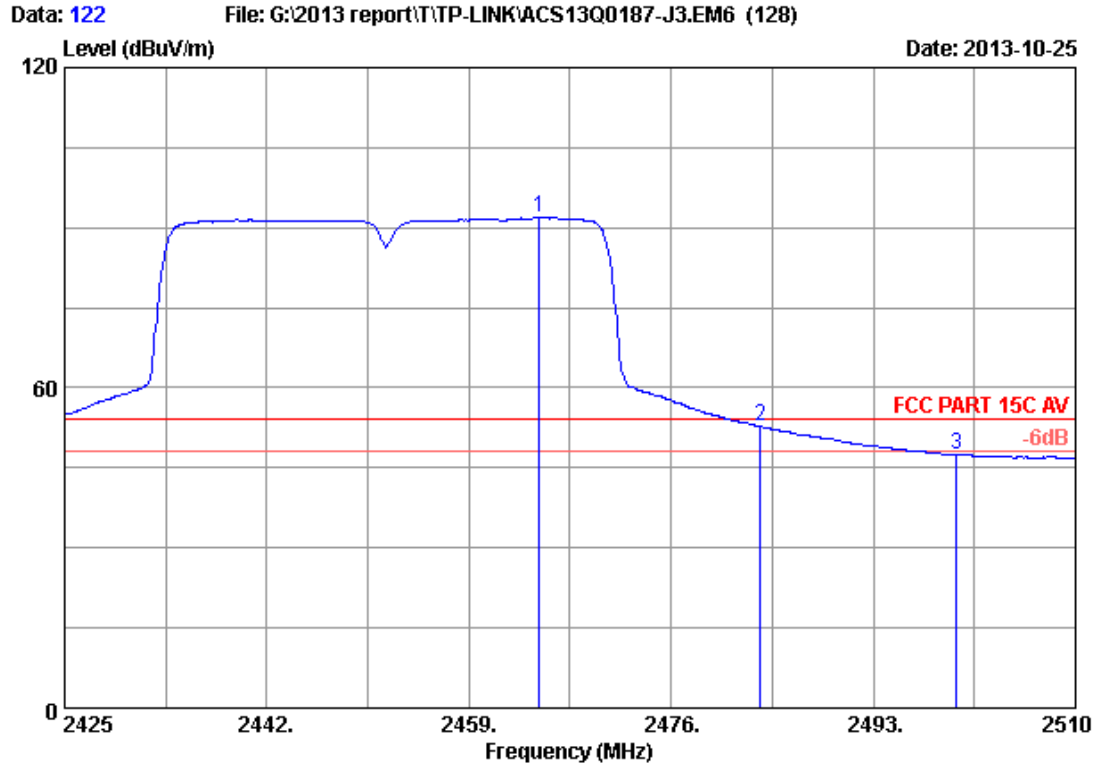


Site no. : 3m Chamber Data no. : 121
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

	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	2455.770	28.30	5.88	35.70	106.44	104.92	74.00	-30.92	Peak
2	2483.500	28.36	5.92	35.70	69.48	68.06	74.00	5.94	Peak
3	2486.030	28.37	5.92	35.70	70.55	69.14	74.00	4.86	Peak
4	2500.000	28.40	5.94	35.70	60.64	59.28	74.00	14.72	Peak

Remarks:

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

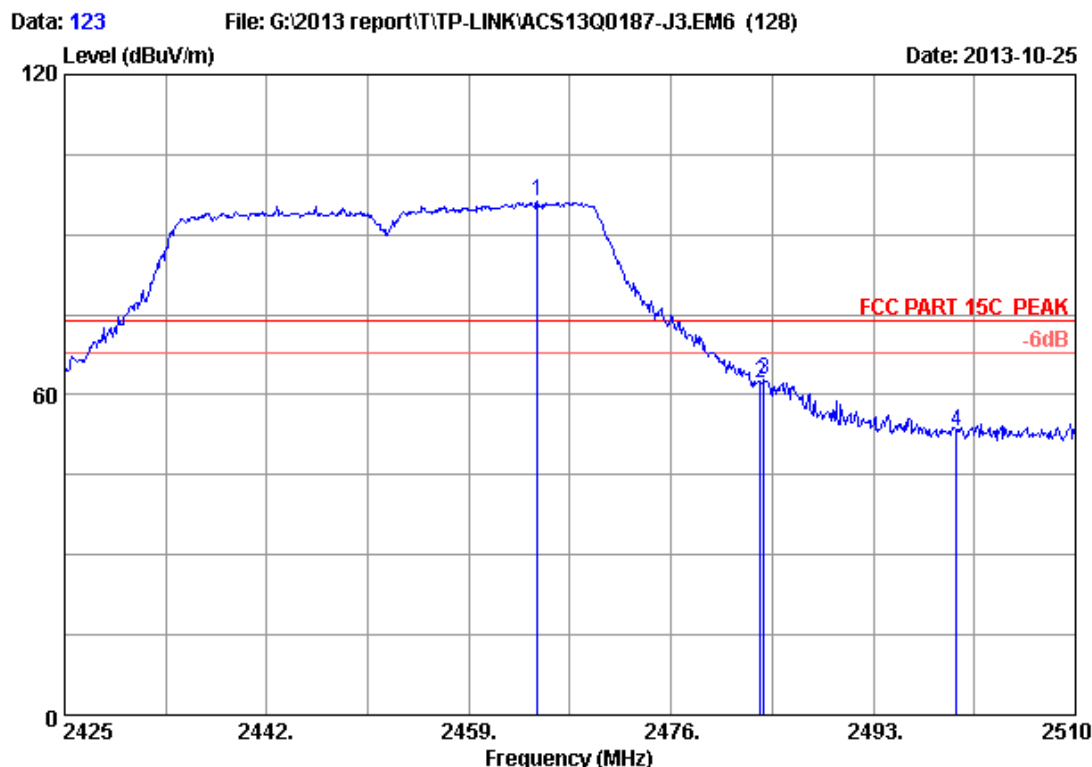


Site no. : 3m Chamber Data no. : 122
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

	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	2464.950	28.32	5.89	35.70	93.32	91.83	54.00	-37.83	Average
2	2483.500	28.36	5.92	35.70	54.15	52.73	54.00	1.27	Average
3	2500.000	28.40	5.94	35.70	48.86	47.50	54.00	6.50	Average

Remarks:

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

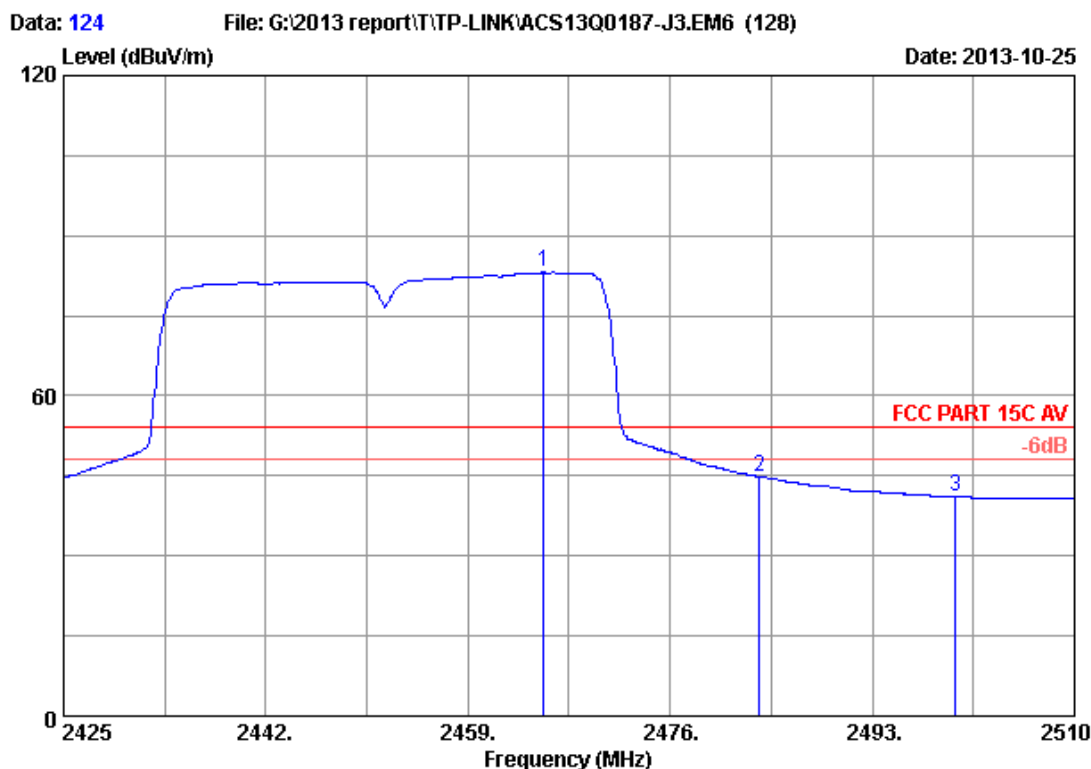


Site no. : 3m Chamber Data no. : 123
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

	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	2464.780	28.32	5.89	35.70	97.72	96.23	74.00	-22.23	Peak
2	2483.500	28.36	5.92	35.70	63.60	62.18	74.00	11.82	Peak
3	2483.820	28.36	5.92	35.70	64.28	62.86	74.00	11.14	Peak
4	2500.000	28.40	5.94	35.70	54.38	53.02	74.00	20.98	Peak

Remarks:

- Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
- 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 AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

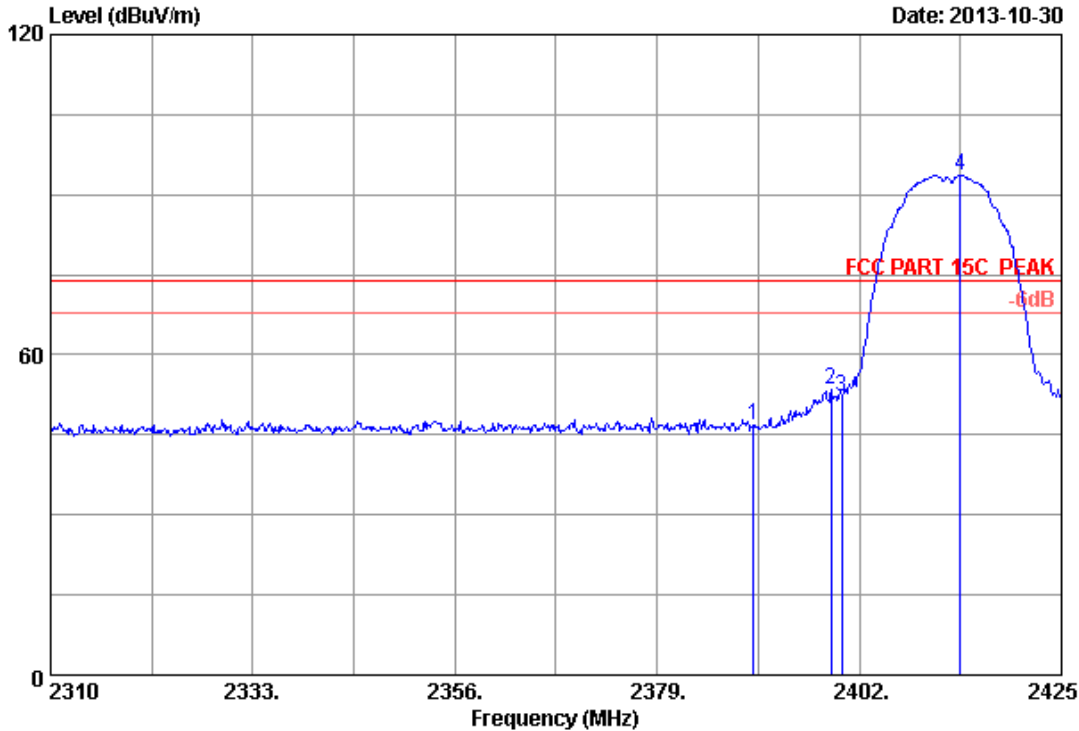
	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2465.375	28.32	5.89	35.70	84.59	83.10	54.00	-29.10	Average
2	2483.500	28.36	5.92	35.70	46.29	44.87	54.00	9.13	Average
3	2500.000	28.40	5.94	35.70	42.47	41.11	54.00	12.89	Average

Remarks:

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

External Antenna

Data: 5 File: G:\2013 report\T\TP-LINK\ACS13Q0187-J2.EM6 (128) Date: 2013-10-30

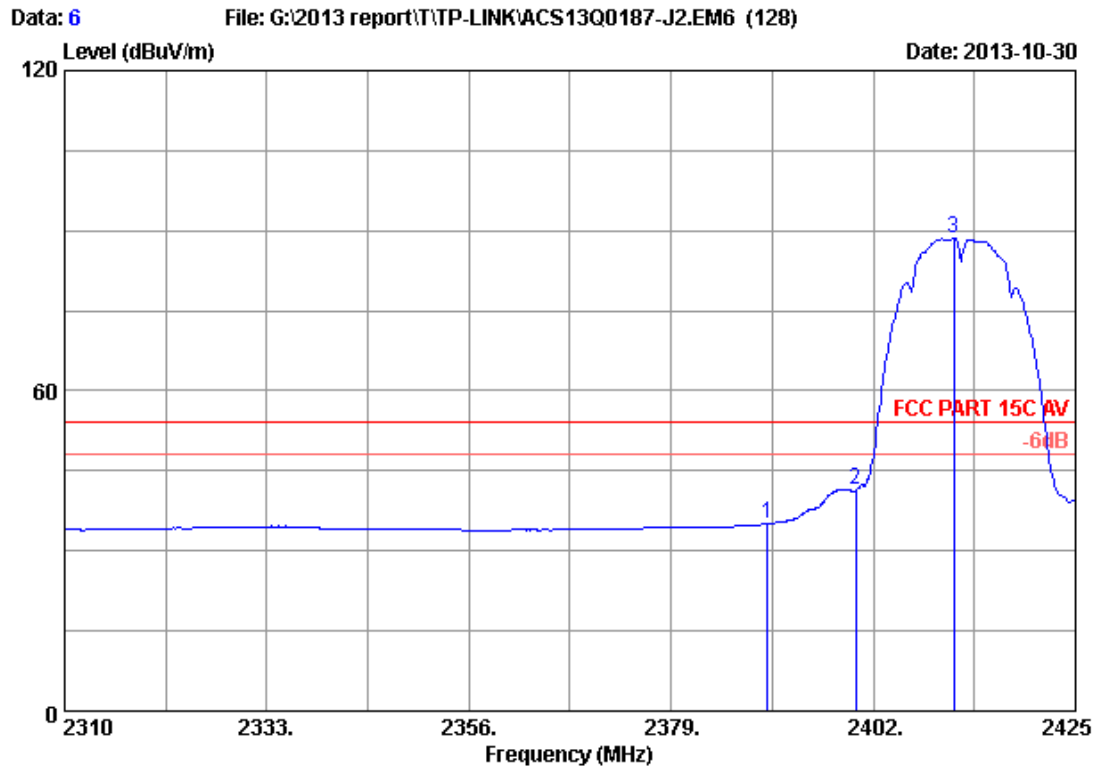


Site no. : 3m Chamber Data no. : 5
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	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	48.45	46.69	74.00	27.31	Peak
2	2398.780	28.18	5.80	35.70	55.25	53.53	74.00	20.47	Peak
3	2400.000	28.18	5.80	35.70	54.02	52.30	74.00	21.70	Peak
4	2413.500	28.21	5.82	35.70	95.23	93.56	74.00	-19.56	Peak

Remarks:

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

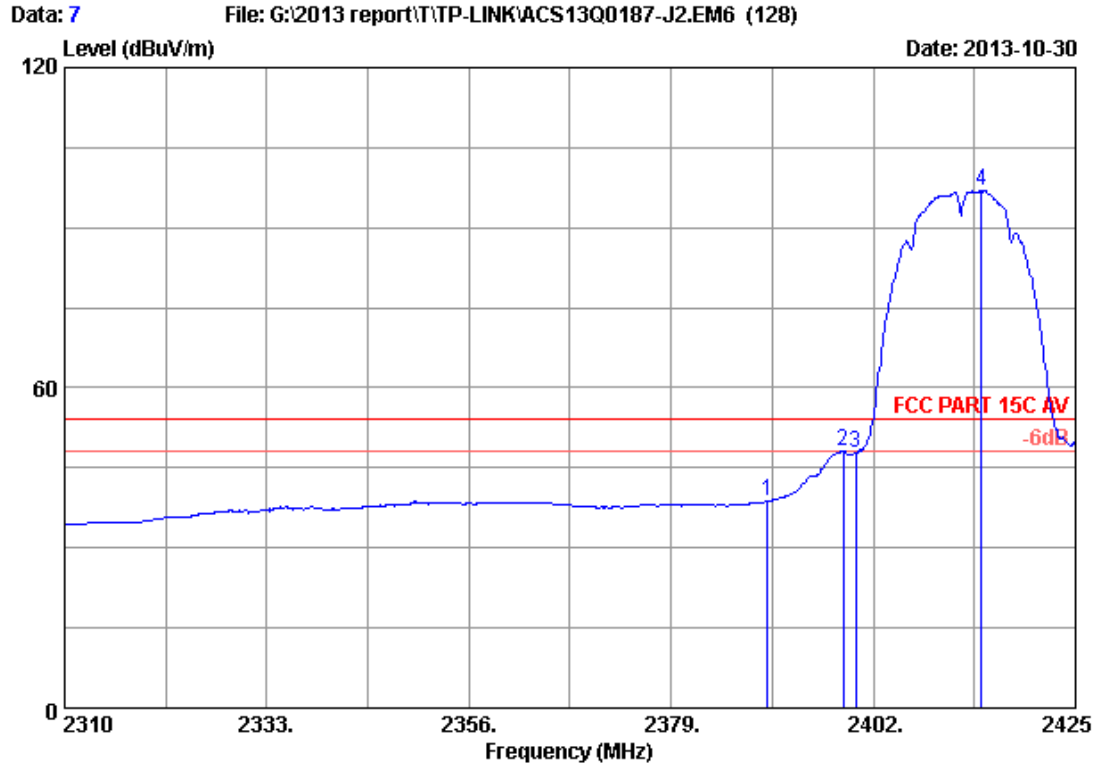


Site no. : 3m Chamber Data no. : 6
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	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	36.86	35.10	54.00	18.90	Average
2	2400.000	28.18	5.80	35.70	43.22	41.50	54.00	12.50	Average
3	2411.200	28.20	5.81	35.70	90.36	88.67	54.00	-34.67	Average

Remarks:

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

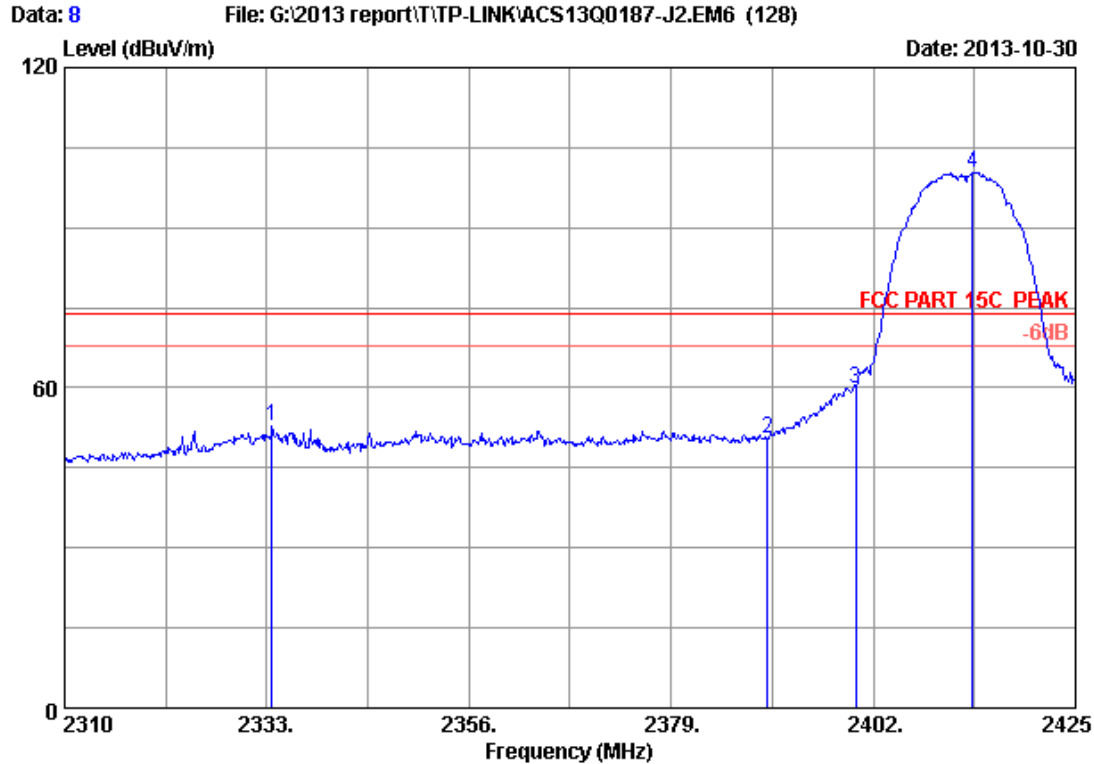


Site no. : 3m Chamber Data no. : 7
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	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	40.60	38.84	54.00	15.16	Average
2	2398.550	28.18	5.79	35.70	49.90	48.17	54.00	5.83	Average
3	2400.000	28.18	5.80	35.70	49.49	47.77	54.00	6.23	Average
4	2414.305	28.21	5.82	35.70	98.53	96.86	54.00	-42.86	Average

Remarks:

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

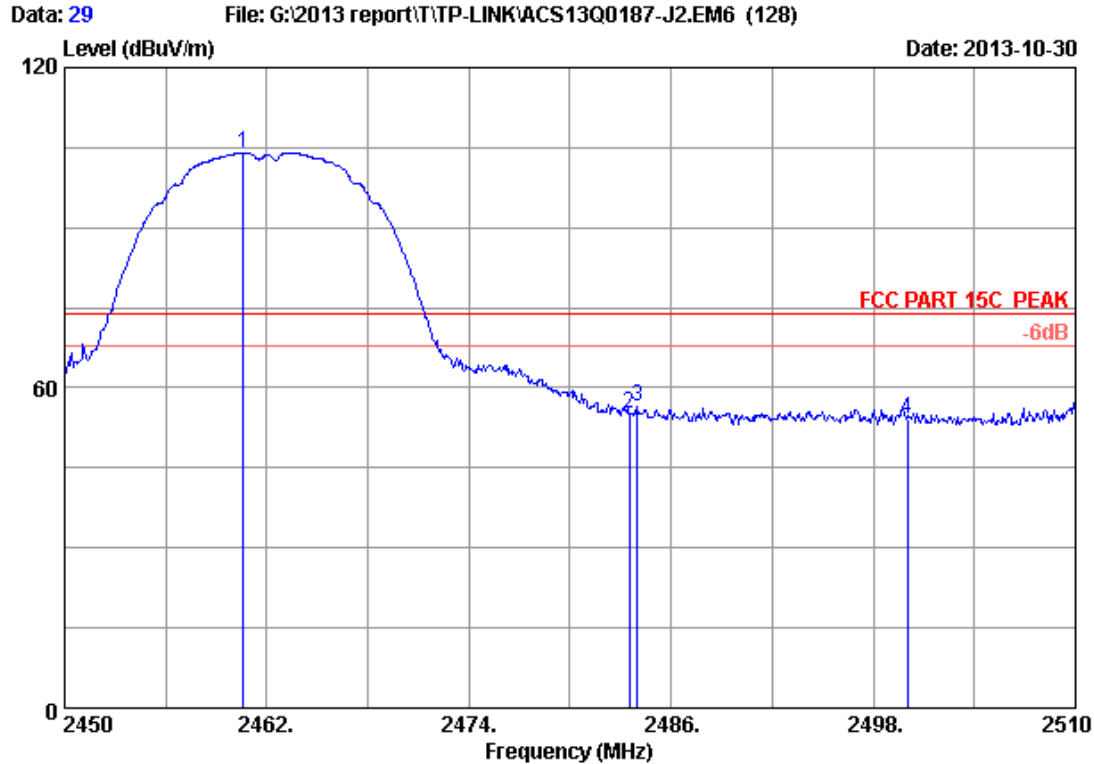


Site no. : 3m Chamber Data no. : 8
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2412MHz Tx
 M/N : TL-WA7210

	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2333.575	28.03	5.70	35.70	54.72	52.75	74.00	21.25	Peak
2	2390.000	28.16	5.78	35.70	52.28	50.52	74.00	23.48	Peak
3	2400.000	28.18	5.80	35.70	61.69	59.97	74.00	14.03	Peak
4	2413.270	28.21	5.82	35.70	102.05	100.38	74.00	-26.38	Peak

Remarks:

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

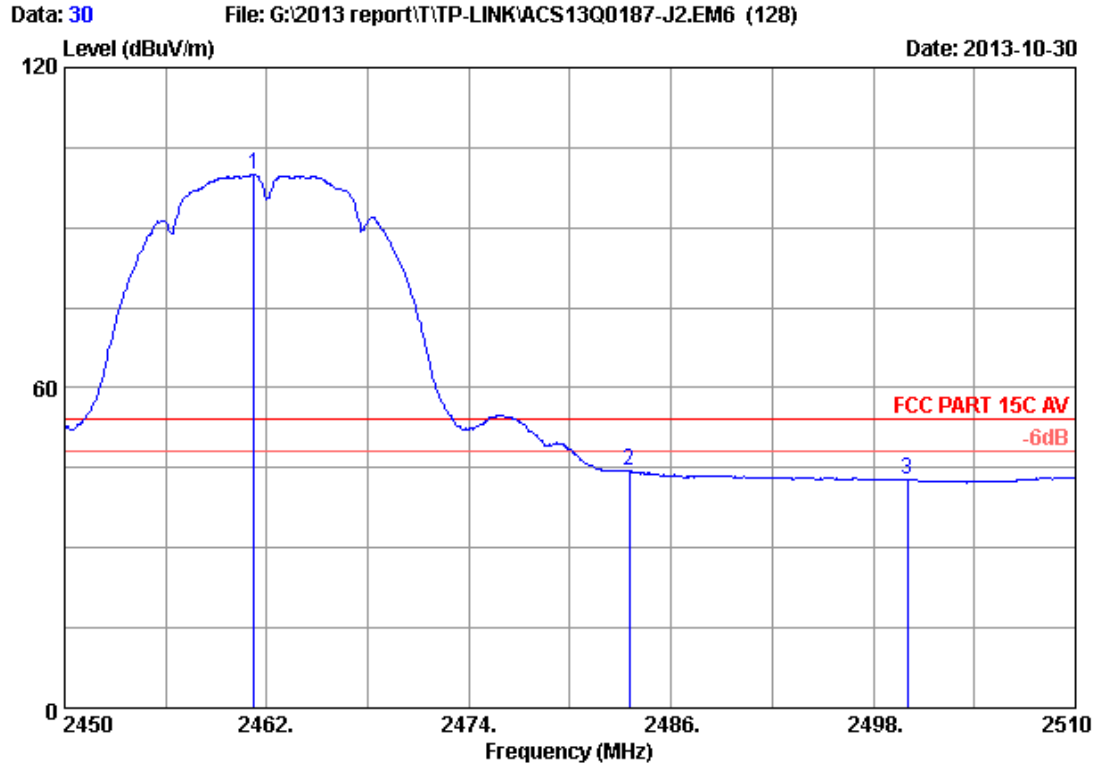


Site no. : 3m Chamber Data no. : 29
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	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	2460.620	28.31	5.89	35.70	105.51	104.01	74.00	-30.01	Peak
2	2483.500	28.36	5.92	35.70	56.70	55.28	74.00	18.72	Peak
3	2484.020	28.36	5.92	35.70	58.07	56.65	74.00	17.35	Peak
4	2500.000	28.40	5.94	35.70	55.52	54.16	74.00	19.84	Peak

Remarks:

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

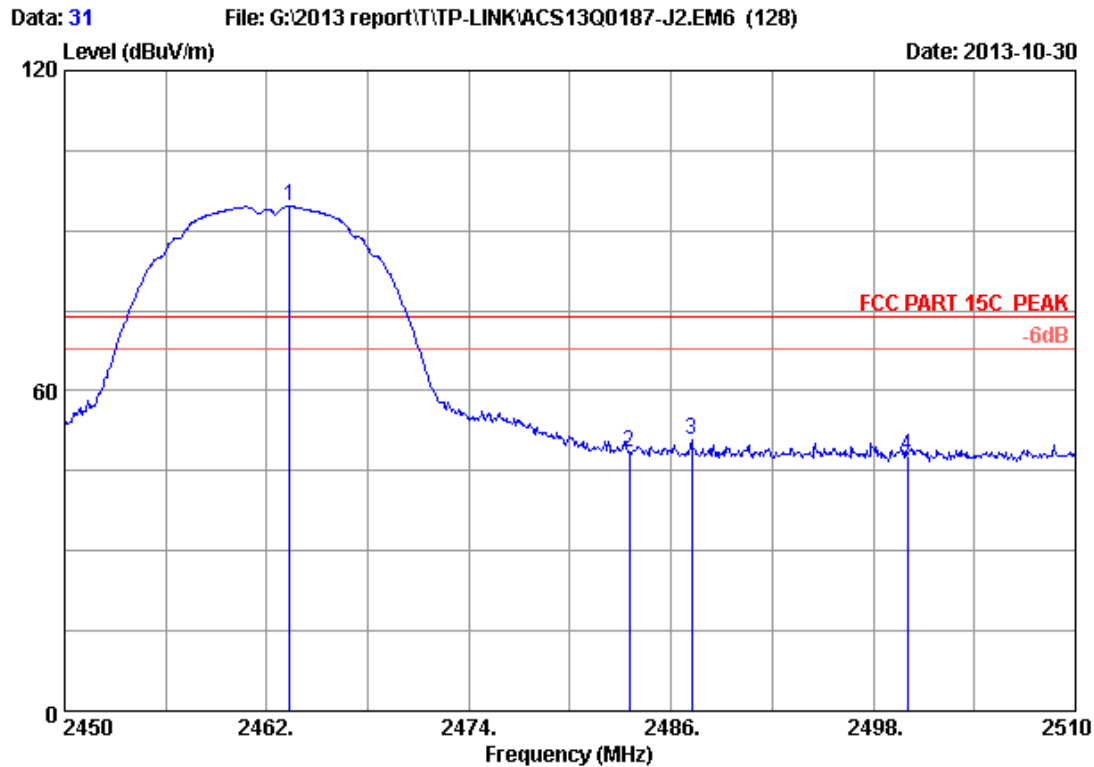


Site no. : 3m Chamber Data no. : 30
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	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	2461.220	28.31	5.89	35.70	101.48	99.98	54.00	-45.98	Average
2	2483.500	28.36	5.92	35.70	45.85	44.43	54.00	9.57	Average
3	2500.000	28.40	5.94	35.70	44.24	42.88	54.00	11.12	Average

Remarks:

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

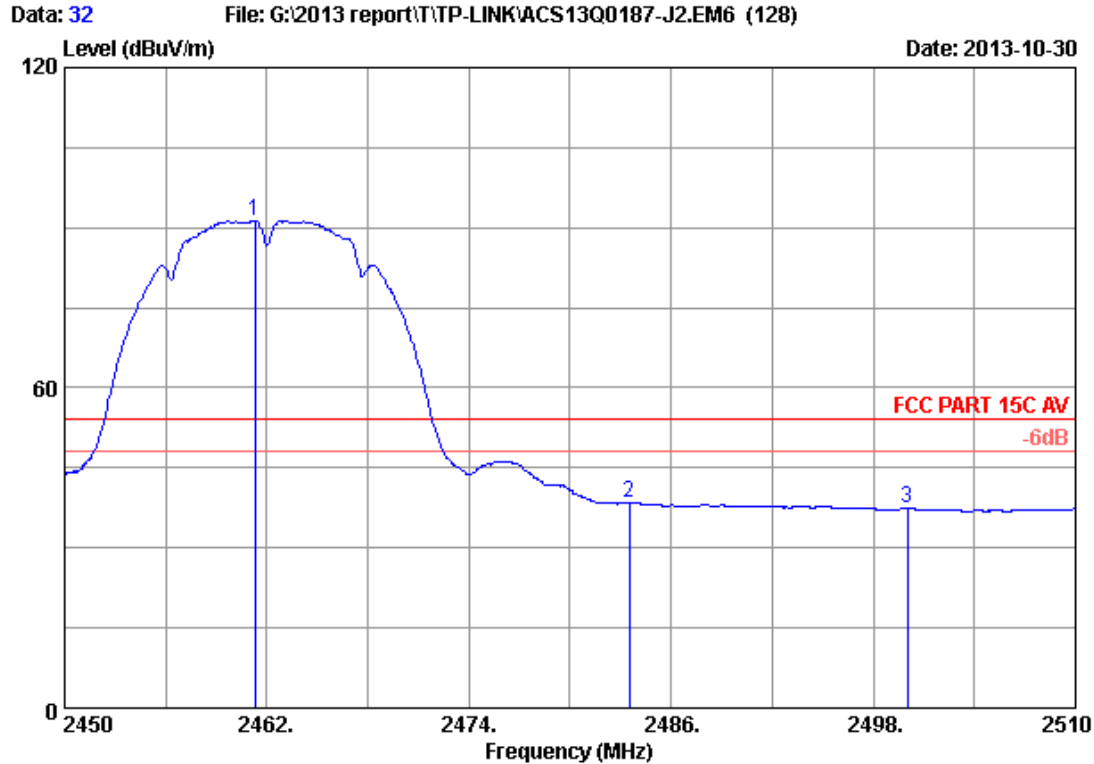


Site no. : 3m Chamber Data no. : 31
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	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	96.01	94.52	74.00	-20.52	Peak
2	2483.500	28.36	5.92	35.70	49.95	48.53	74.00	25.47	Peak
3	2487.200	28.37	5.92	35.70	52.10	50.69	74.00	23.31	Peak
4	2500.000	28.40	5.94	35.70	49.07	47.71	74.00	26.29	Peak

Remarks:

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

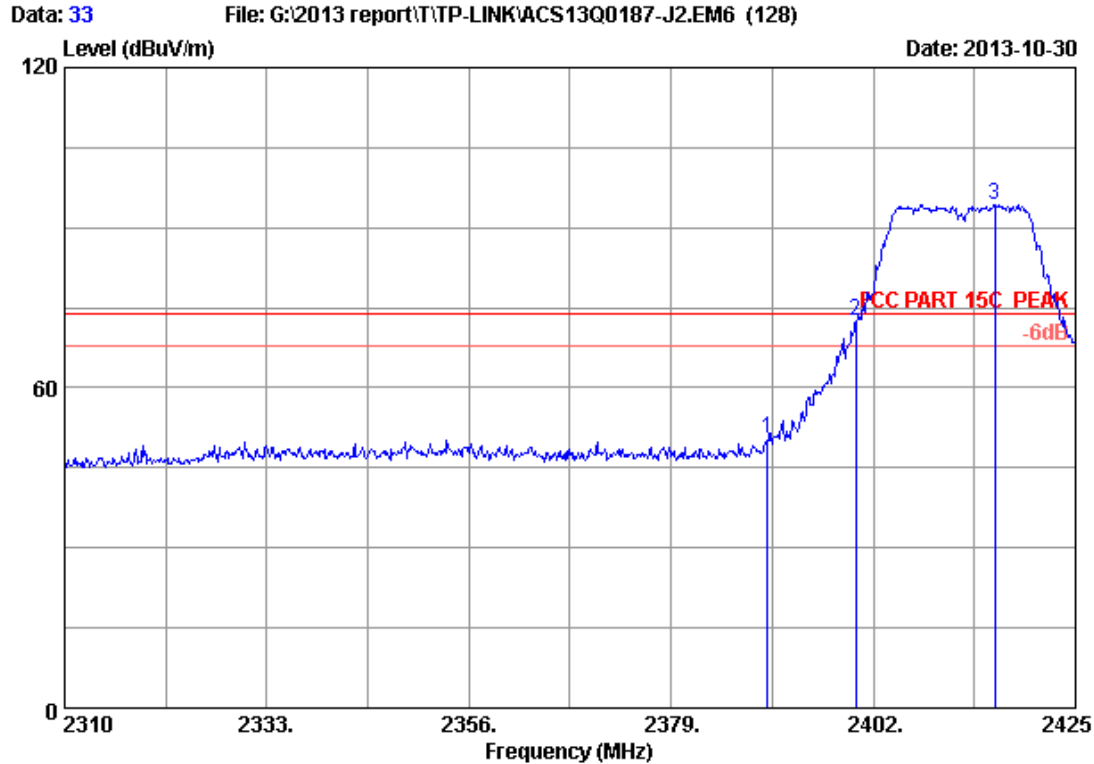


Site no. : 3m Chamber Data no. : 32
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11b 2462MHz Tx
 M/N : TL-WA7210

	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	92.91	91.41	54.00	-37.41	Average
2	2483.500	28.36	5.92	35.70	39.78	38.36	54.00	15.64	Average
3	2500.000	28.40	5.94	35.70	38.74	37.38	54.00	16.62	Average

Remarks:

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

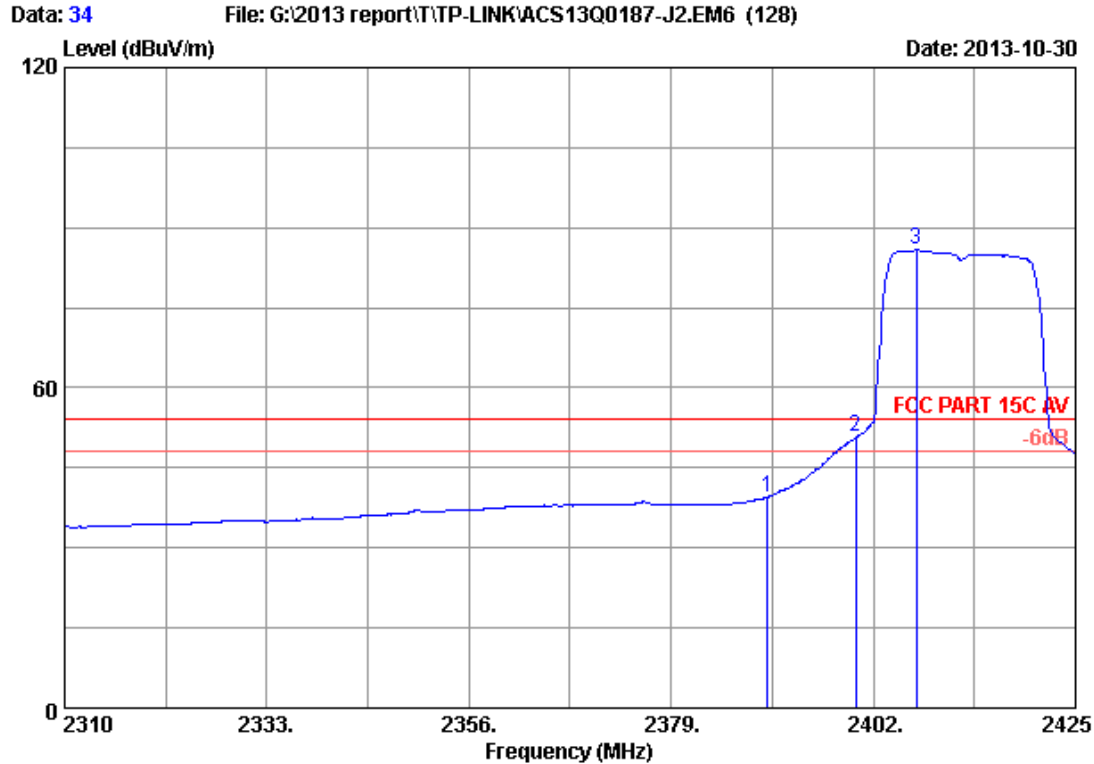


Site no. : 3m Chamber Data no. : 33
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	Freq.	Ant.	Cable	Amp.		Emission			
	(MHz)	Factor	loss	Factor	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2390.000	28.16	5.78	35.70	52.17	50.41	74.00	23.59	Peak
2	2400.000	28.18	5.80	35.70	74.19	72.47	74.00	1.53	Peak
3	2415.800	28.21	5.82	35.70	96.10	94.43	74.00	-20.43	Peak

Remarks:

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

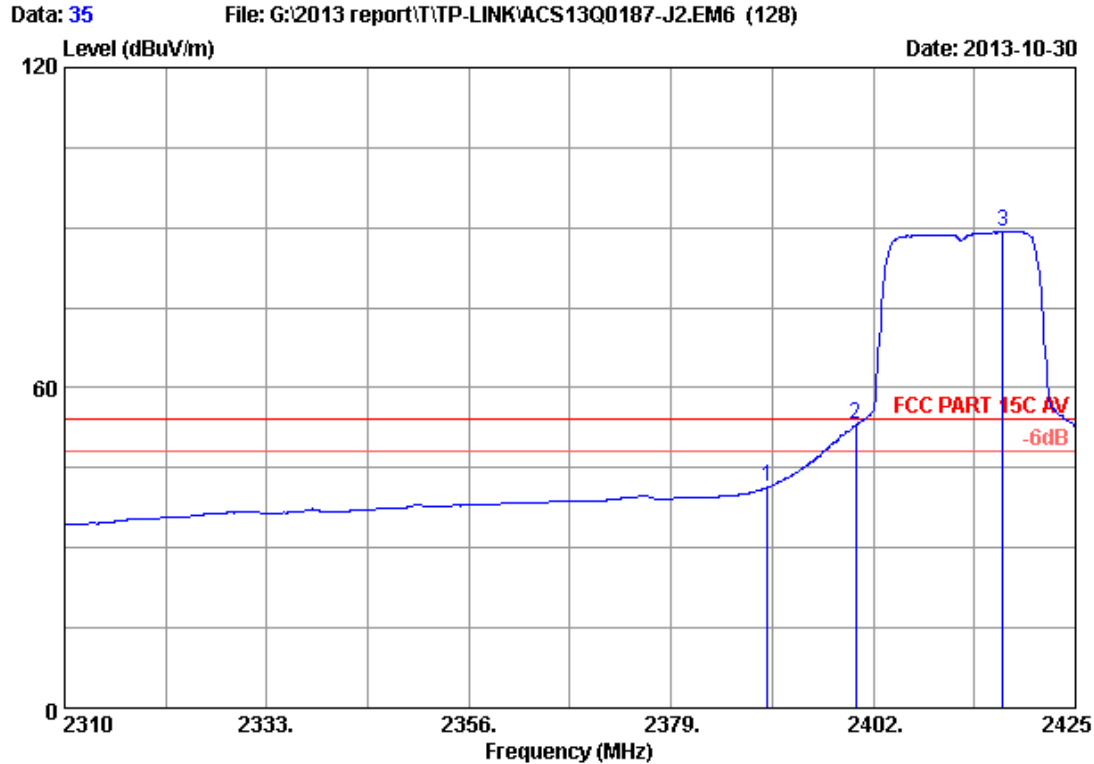


Site no. : 3m Chamber Data no. : 34
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	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	41.32	39.56	54.00	14.44	Average
2	2400.000	28.18	5.80	35.70	52.59	50.87	54.00	3.13	Average
3	2406.945	28.20	5.81	35.70	87.53	85.84	54.00	-31.84	Average

Remarks:

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

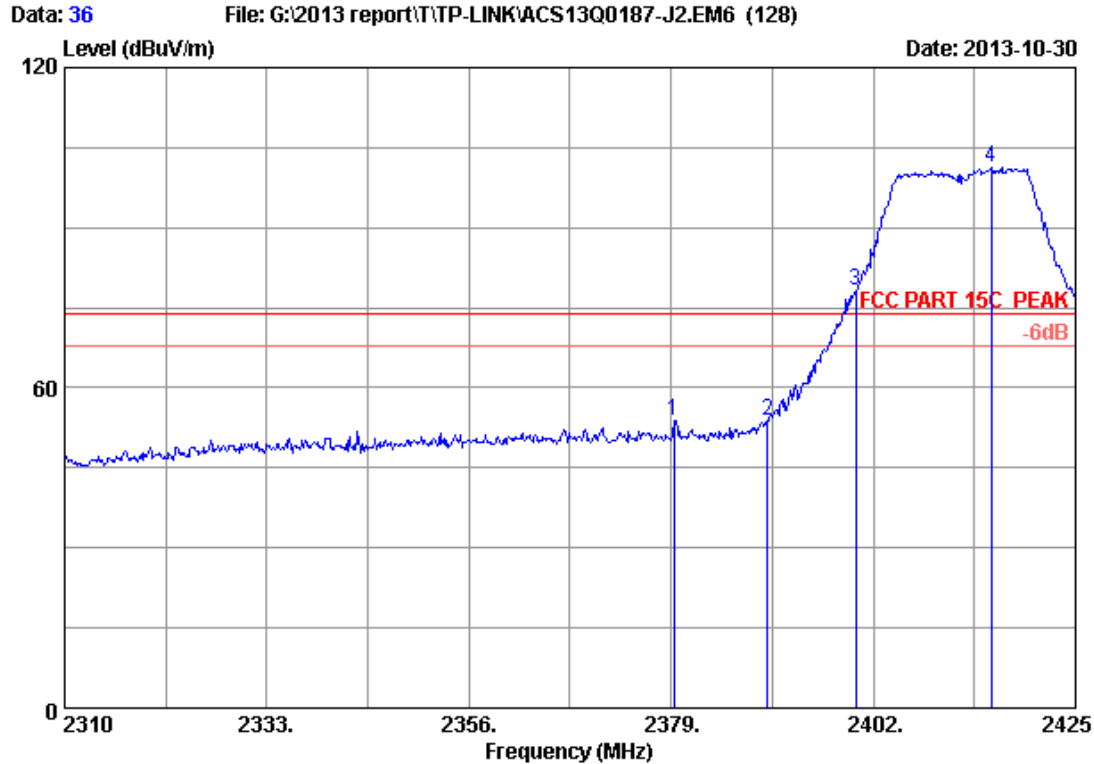


Site no. : 3m Chamber Data no. : 35
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	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	43.09	41.33	54.00	12.67	Average
2	2400.000	28.18	5.80	35.70	54.81	53.09	54.00	0.91	Average
3	2416.720	28.22	5.82	35.70	90.94	89.28	54.00	-35.28	Average

Remarks:

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

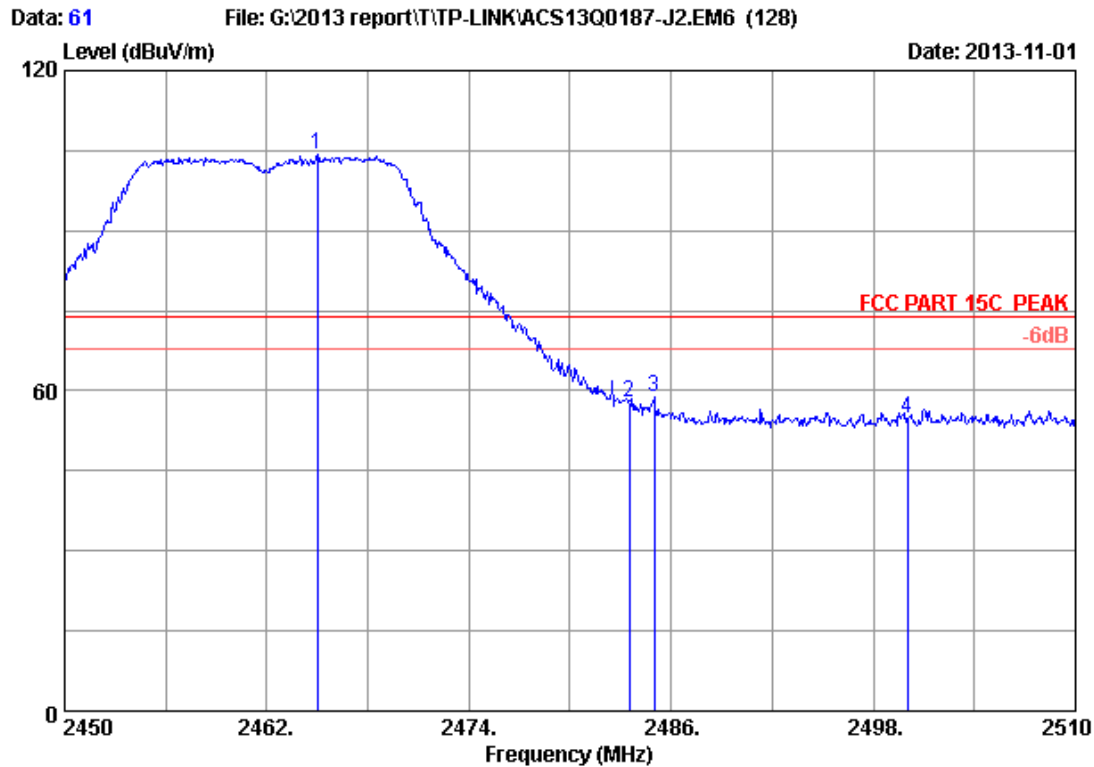


Site no. : 3m Chamber Data no. : 36
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2412MHz Tx
 M/N : TL-WA7210

	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	2379.345	28.13	5.77	35.70	55.56	53.76	74.00	20.24	Peak
2	2390.000	28.16	5.78	35.70	55.55	53.79	74.00	20.21	Peak
3	2400.000	28.18	5.80	35.70	79.95	78.23	74.00	-4.23	Peak
4	2415.455	28.21	5.82	35.70	103.11	101.44	74.00	-27.44	Peak

Remarks:

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

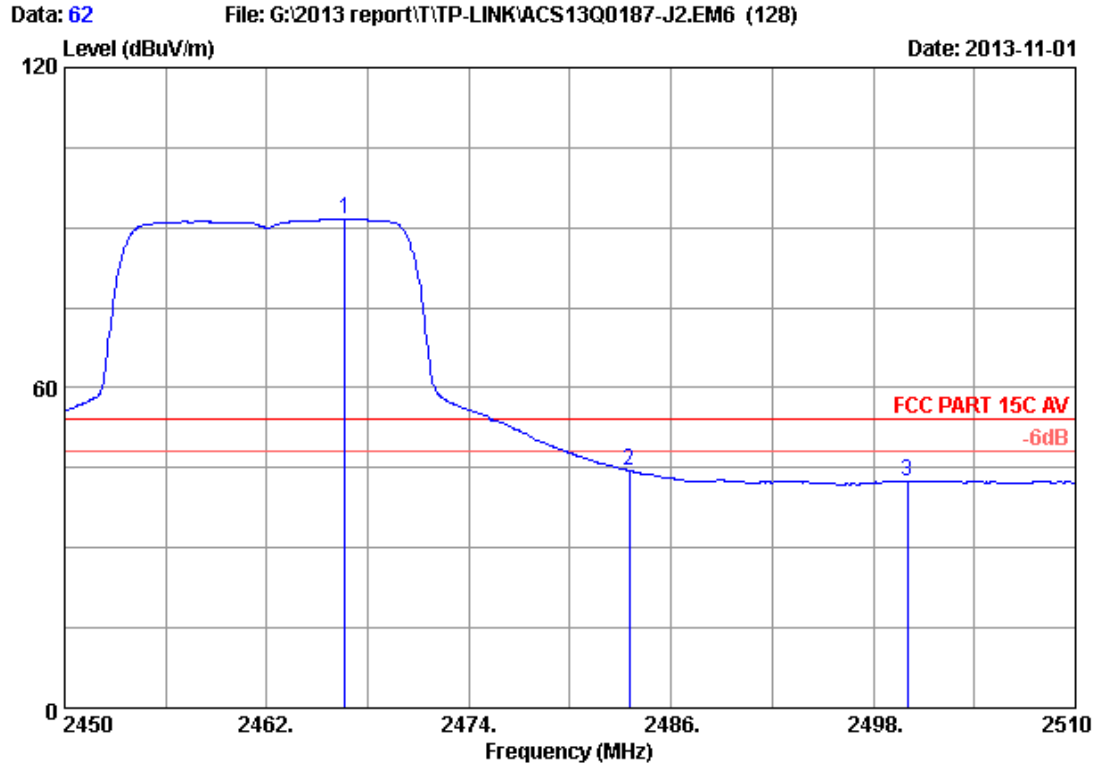


Site no. : 3m Chamber Data no. : 61
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	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	2465.000	28.32	5.89	35.70	105.66	104.17	74.00	-30.17	Peak
2	2483.500	28.36	5.92	35.70	59.41	57.99	74.00	16.01	Peak
3	2484.980	28.37	5.92	35.70	60.10	58.69	74.00	15.31	Peak
4	2500.000	28.40	5.94	35.70	56.17	54.81	74.00	19.19	Peak

Remarks:

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

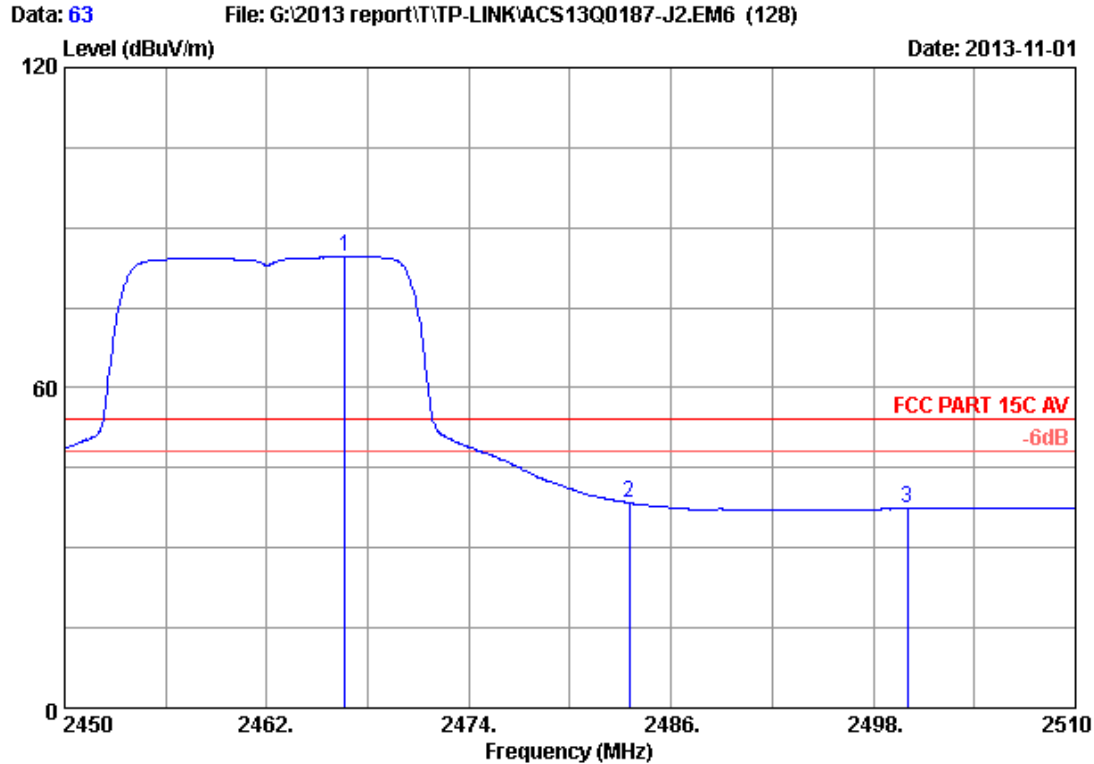


Site no. : 3m Chamber Data no. : 62
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	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	2466.620	28.33	5.89	35.70	93.11	91.63	54.00	-37.63	Average
2	2483.500	28.36	5.92	35.70	45.87	44.45	54.00	9.55	Average
3	2500.000	28.40	5.94	35.70	43.92	42.56	54.00	11.44	Average

Remarks:

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

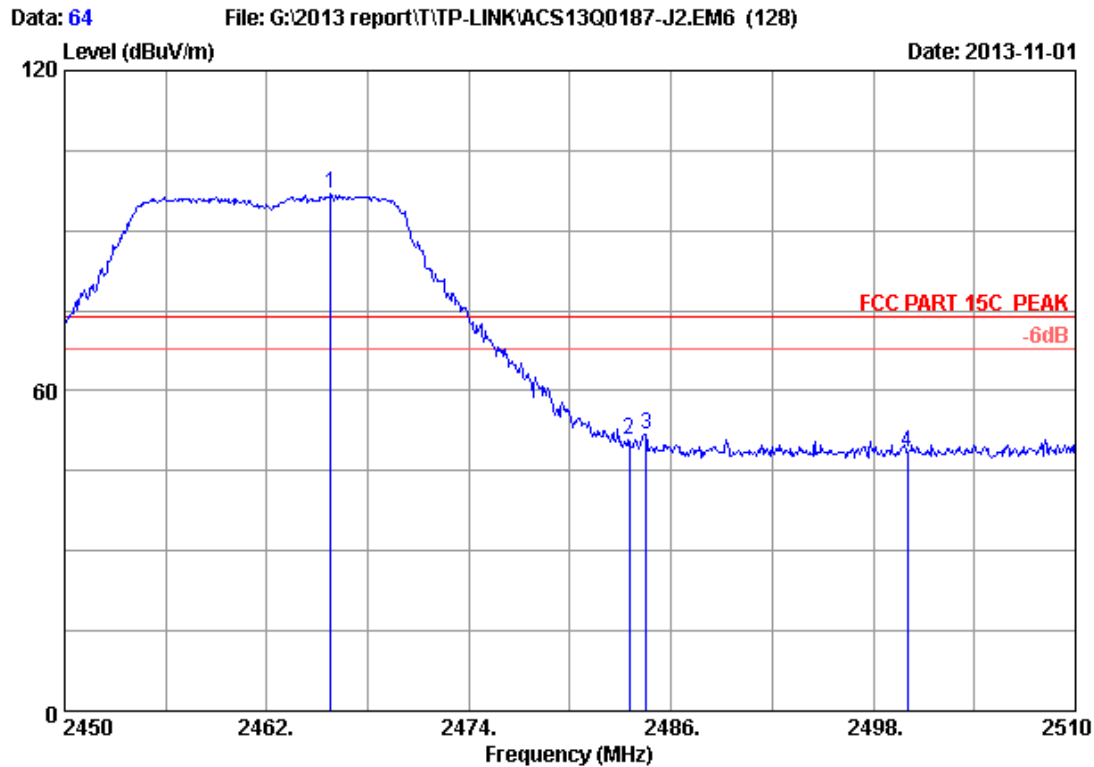


Site no. : 3m Chamber Data no. : 63
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	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	2466.620	28.33	5.89	35.70	86.10	84.62	54.00	-30.62	Average
2	2483.500	28.36	5.92	35.70	39.84	38.42	54.00	15.58	Average
3	2500.000	28.40	5.94	35.70	38.88	37.52	54.00	16.48	Average

Remarks:

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

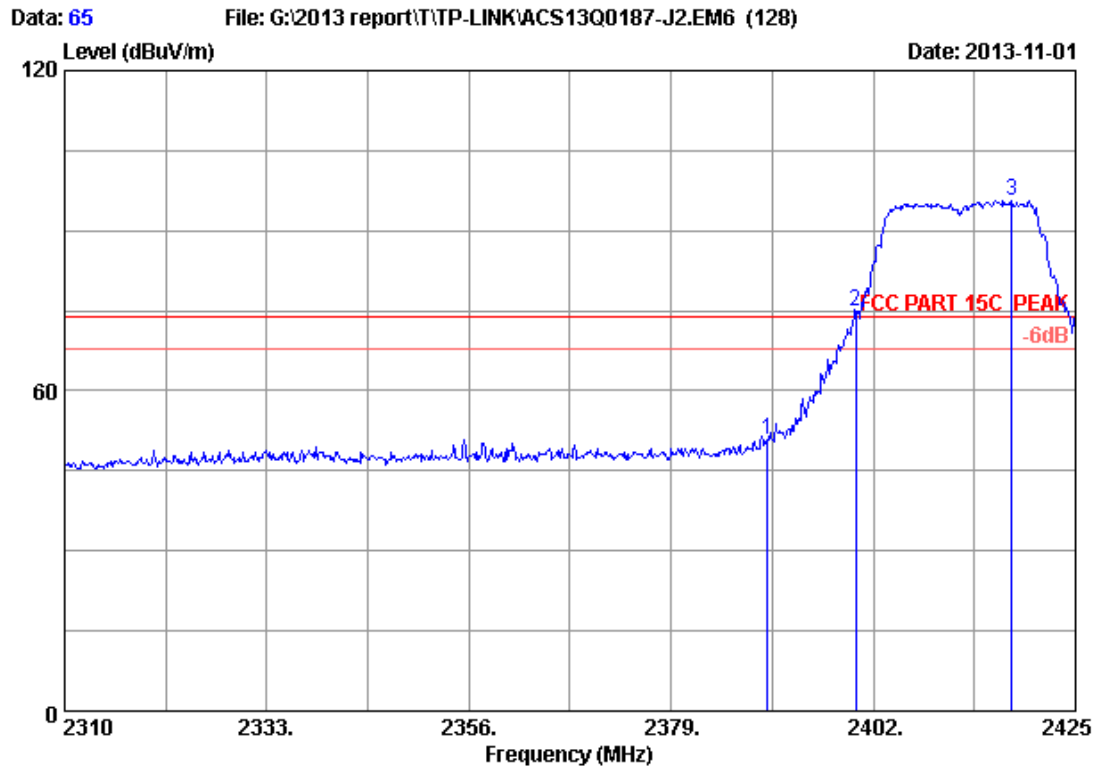


Site no. : 3m Chamber Data no. : 64
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11g 2462MHz Tx
 M/N : TL-WA7210

	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	2465.780	28.32	5.89	35.70	98.33	96.84	74.00	-22.84	Peak
2	2483.500	28.36	5.92	35.70	52.31	50.89	74.00	23.11	Peak
3	2484.500	28.37	5.92	35.70	53.18	51.77	74.00	22.23	Peak
4	2500.000	28.40	5.94	35.70	49.96	48.60	74.00	25.40	Peak

Remarks:

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

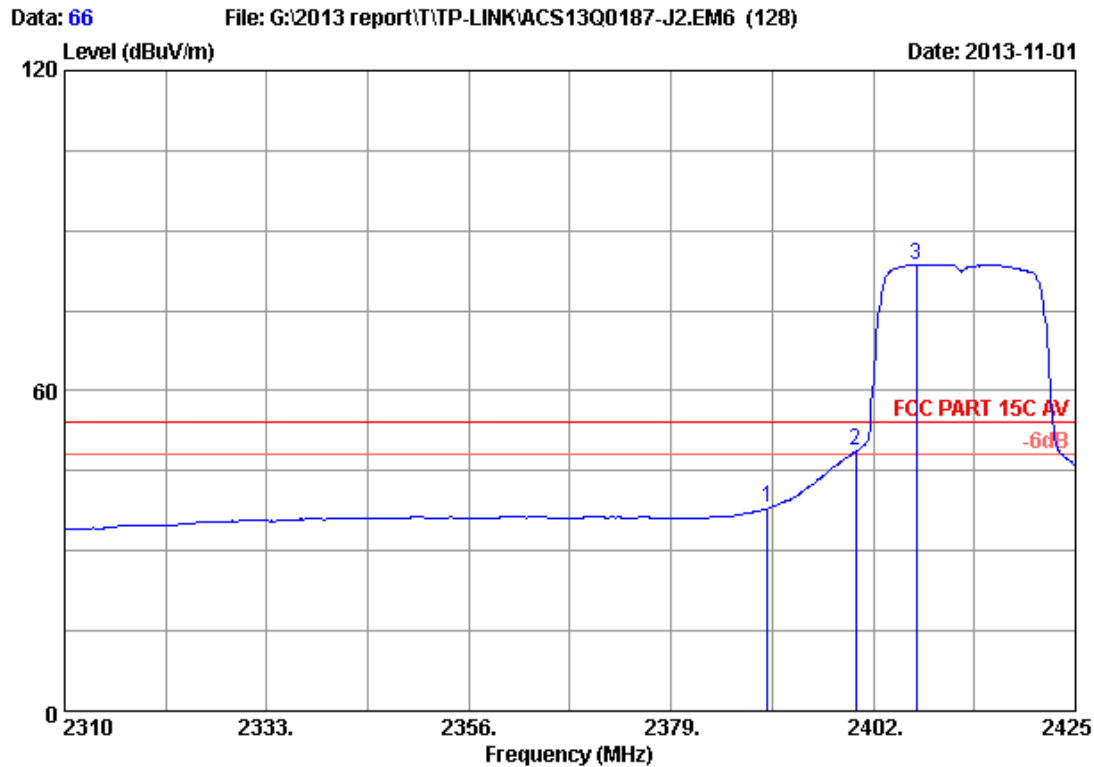


Site no. : 3m Chamber Data no. : 65
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	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	52.56	50.80	74.00	23.20	Peak
2	2400.000	28.18	5.80	35.70	76.75	75.03	74.00	-1.03	Peak
3	2417.755	28.22	5.82	35.70	97.23	95.57	74.00	-21.57	Peak

Remarks:

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

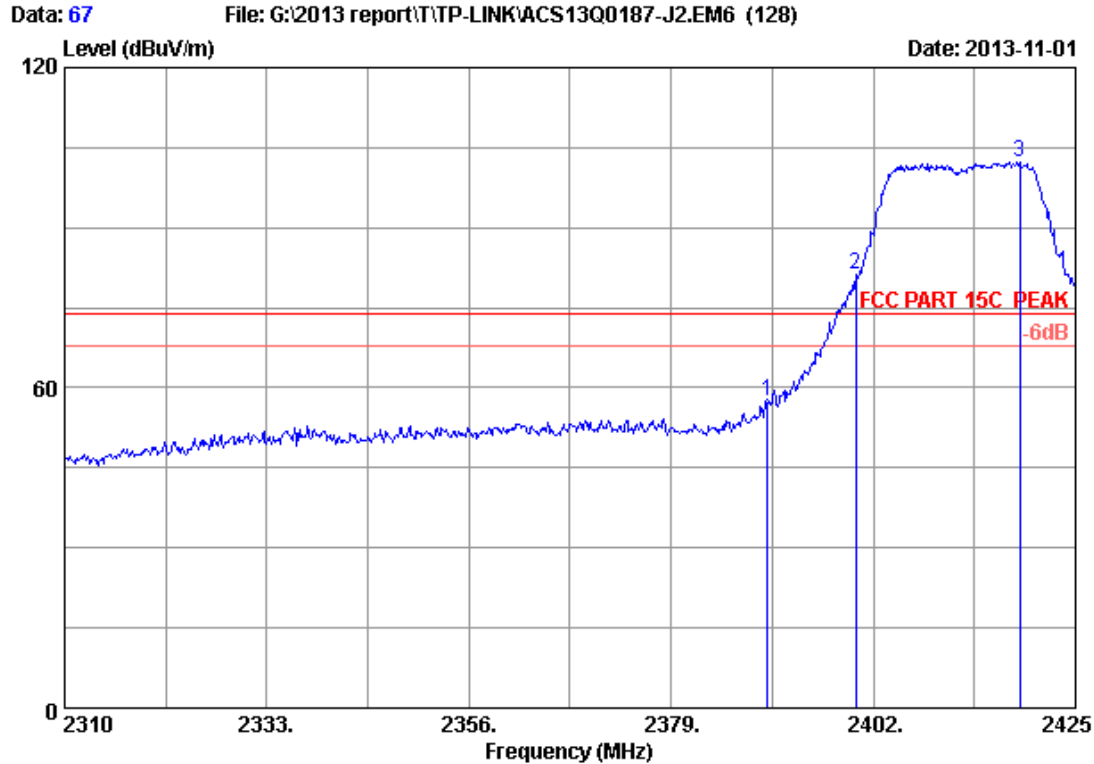


Site no. : 3m Chamber Data no. : 66
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	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	39.75	37.99	54.00	16.01	Average
2	2400.000	28.18	5.80	35.70	50.51	48.79	54.00	5.21	Average
3	2406.945	28.20	5.81	35.70	85.41	83.72	54.00	-29.72	Average

Remarks:

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

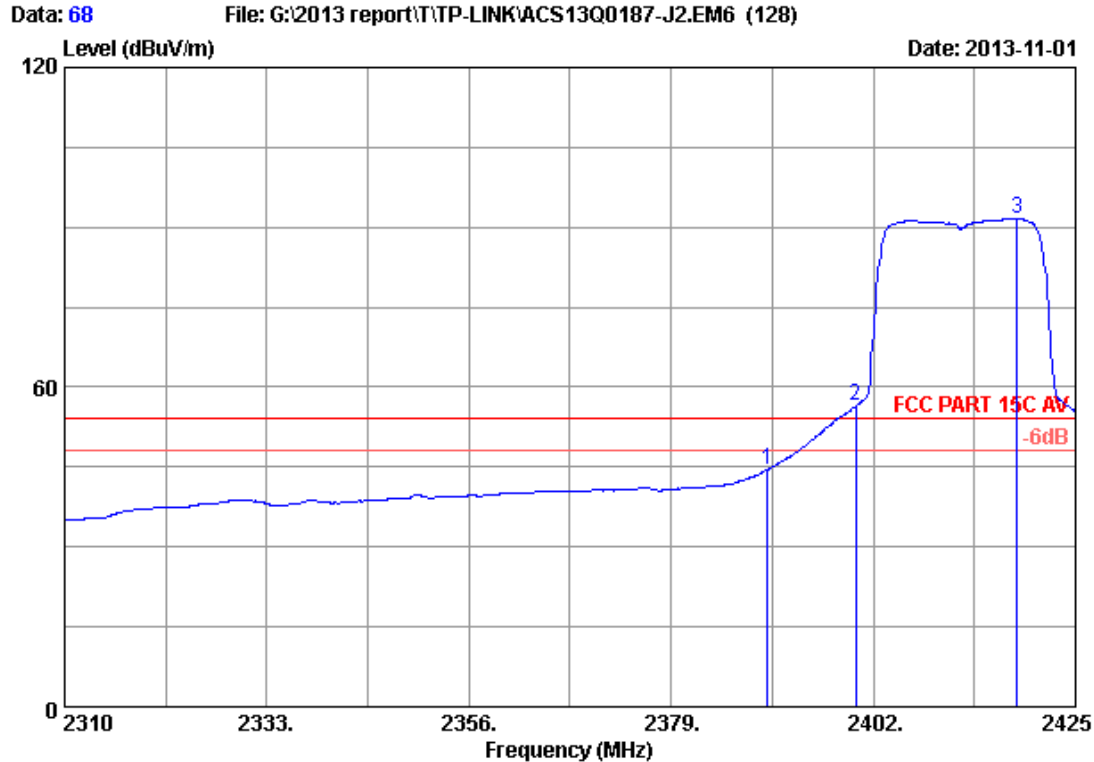


Site no. : 3m Chamber Data no. : 67
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	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	59.29	57.53	74.00	16.47	Peak
2	2400.000	28.18	5.80	35.70	83.05	81.33	74.00	-7.33	Peak
3	2418.675	28.22	5.82	35.70	103.97	102.31	74.00	-28.31	Peak

Remarks:

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

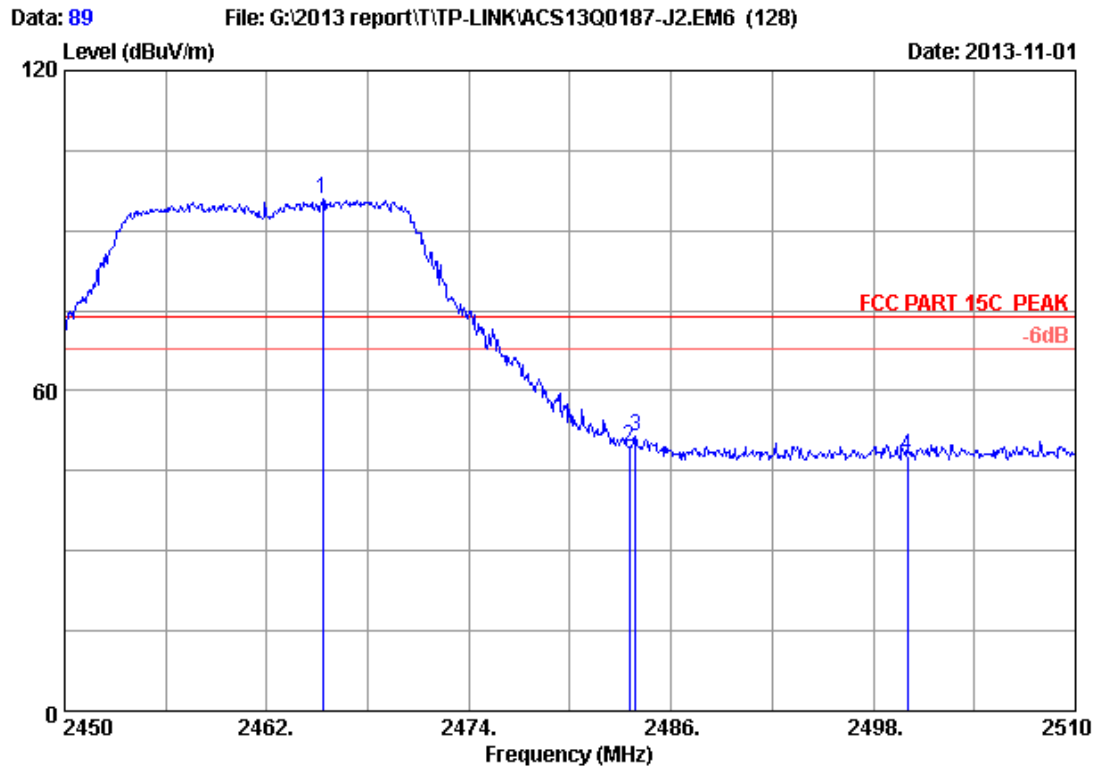


Site no. : 3m Chamber Data no. : 68
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2412MHz Tx
 M/N : TL-WA7210

	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	46.32	44.56	54.00	9.44	Average
2	2400.000	28.18	5.80	35.70	58.36	56.64	54.00	-2.64	Average
3	2418.330	28.22	5.82	35.70	93.20	91.54	54.00	-37.54	Average

Remarks:

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

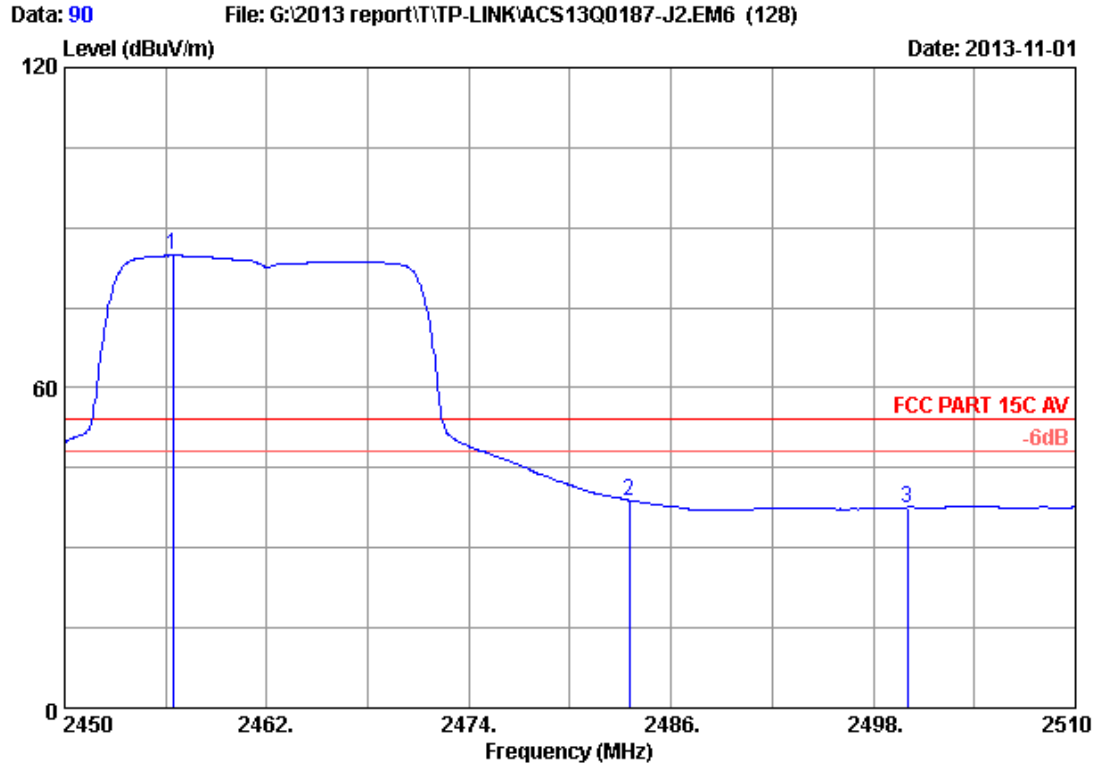


Site no. : 3m Chamber Data no. : 89
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	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	2465.300	28.32	5.89	35.70	97.32	95.83	74.00	-21.83	Peak
2	2483.500	28.36	5.92	35.70	50.89	49.47	74.00	24.53	Peak
3	2483.900	28.36	5.92	35.70	53.06	51.64	74.00	22.36	Peak
4	2500.000	28.40	5.94	35.70	49.24	47.88	74.00	26.12	Peak

Remarks:

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

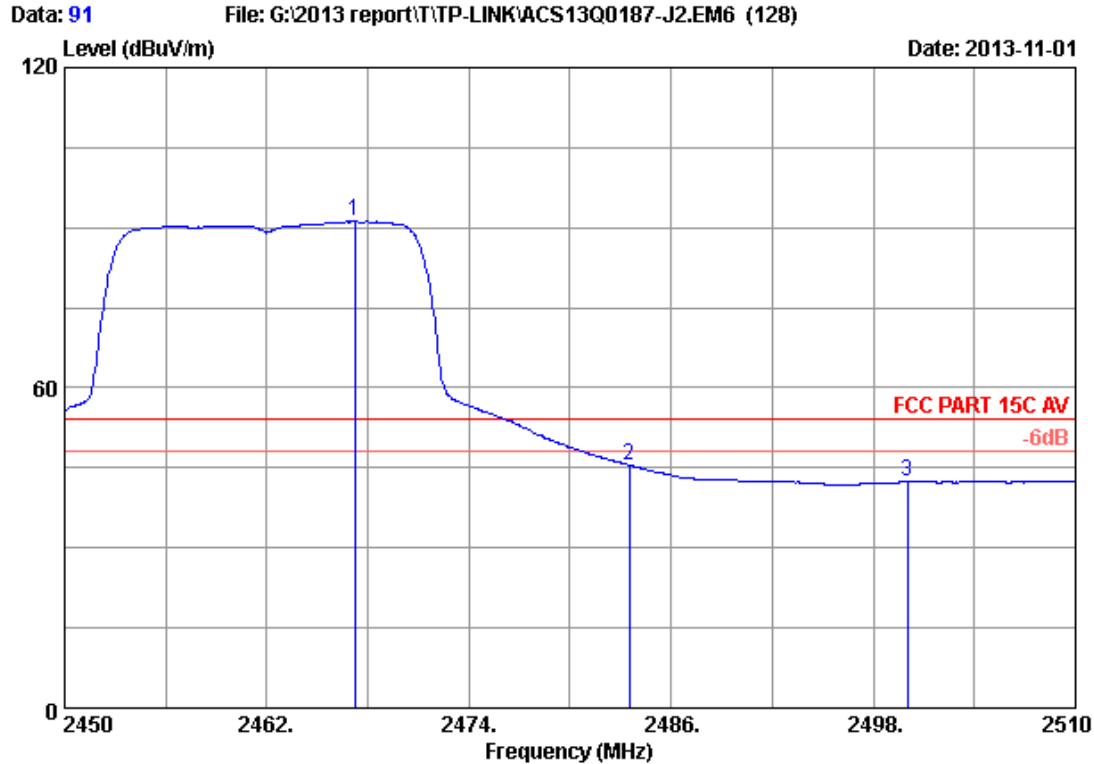


Site no. : 3m Chamber Data no. : 90
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	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	2456.420	28.30	5.88	35.70	86.30	84.78	54.00	-30.78	Average
2	2483.500	28.36	5.92	35.70	40.30	38.88	54.00	15.12	Average
3	2500.000	28.40	5.94	35.70	38.95	37.59	54.00	16.41	Average

Remarks:

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

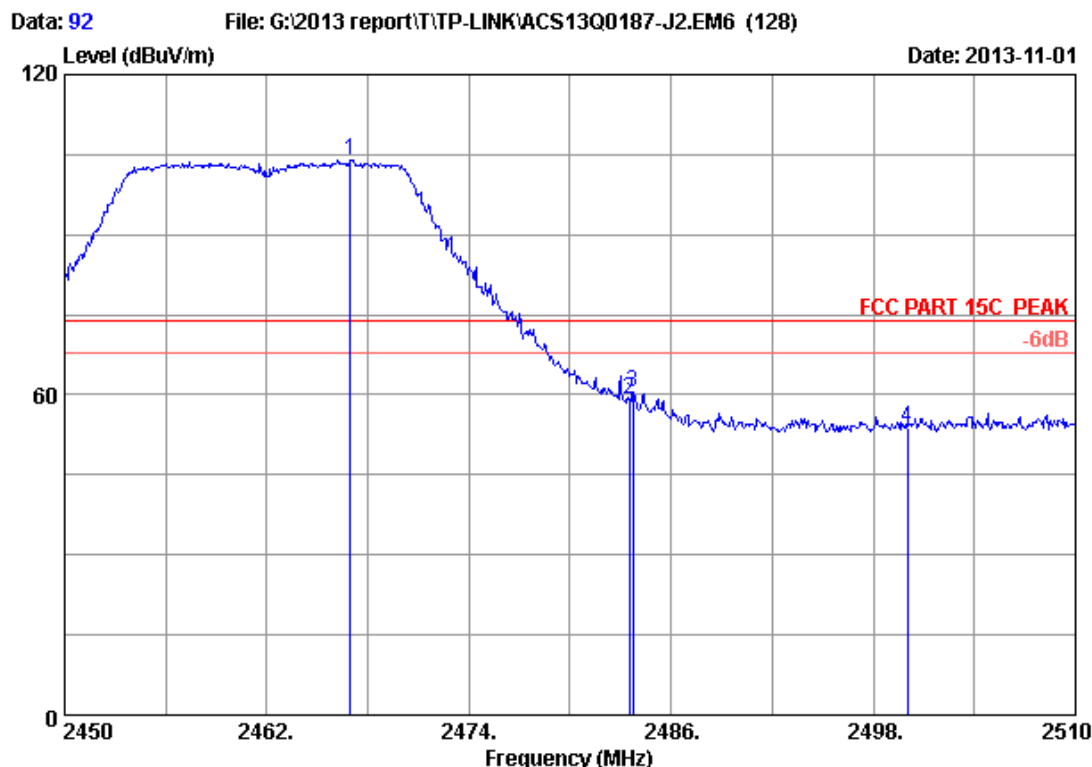


Site no. : 3m Chamber Data no. : 91
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	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	2467.220	28.33	5.89	35.70	92.65	91.17	54.00	-37.17	Average
2	2483.500	28.36	5.92	35.70	46.95	45.53	54.00	8.47	Average
3	2500.000	28.40	5.94	35.70	43.85	42.49	54.00	11.51	Average

Remarks:

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

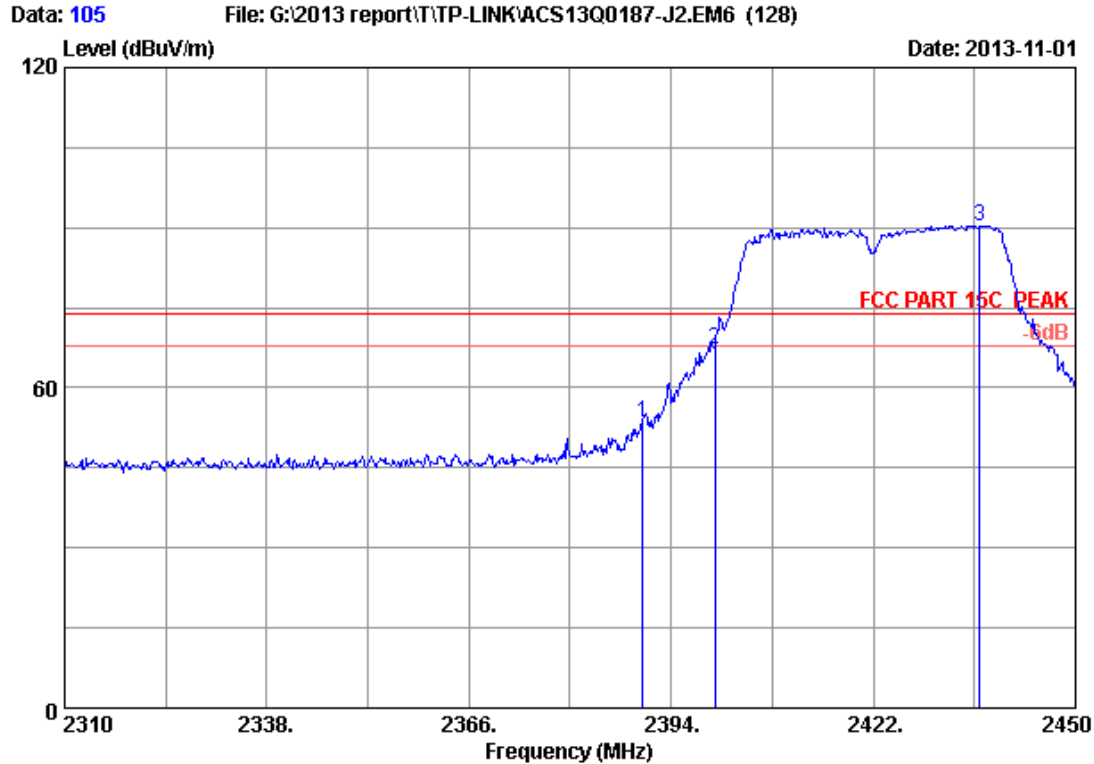


Site no. : 3m Chamber Data no. : 92
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT20 2462MHz Tx
 M/N : TL-WA7210

	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	2466.980	28.33	5.89	35.70	105.48	104.00	74.00	-30.00	Peak
2	2483.500	28.36	5.92	35.70	60.62	59.20	74.00	14.80	Peak
3	2483.720	28.36	5.92	35.70	61.98	60.56	74.00	13.44	Peak
4	2500.000	28.40	5.94	35.70	55.08	53.72	74.00	20.28	Peak

Remarks:

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

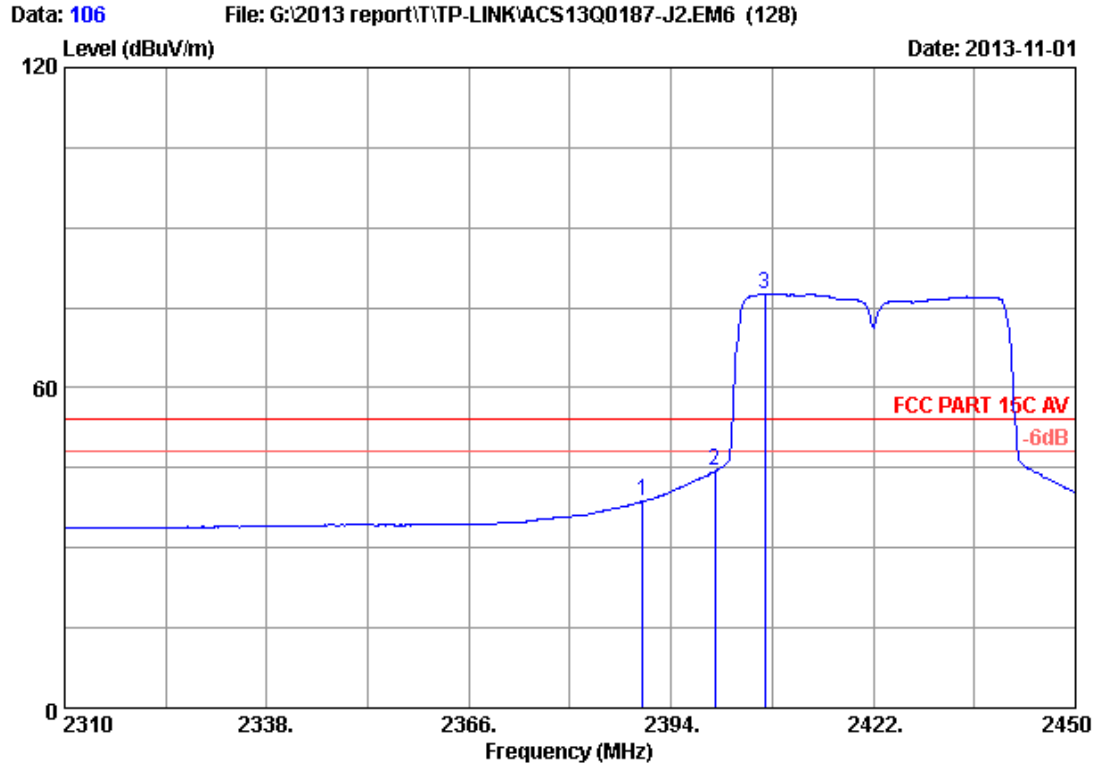


Site no. : 3m Chamber Data no. : 105
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	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	55.39	53.63	74.00	20.37	Peak
2	2400.000	28.18	5.80	35.70	68.75	67.03	74.00	6.97	Peak
3	2436.700	28.26	5.85	35.70	91.97	90.38	74.00	-16.38	Peak

Remarks:

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

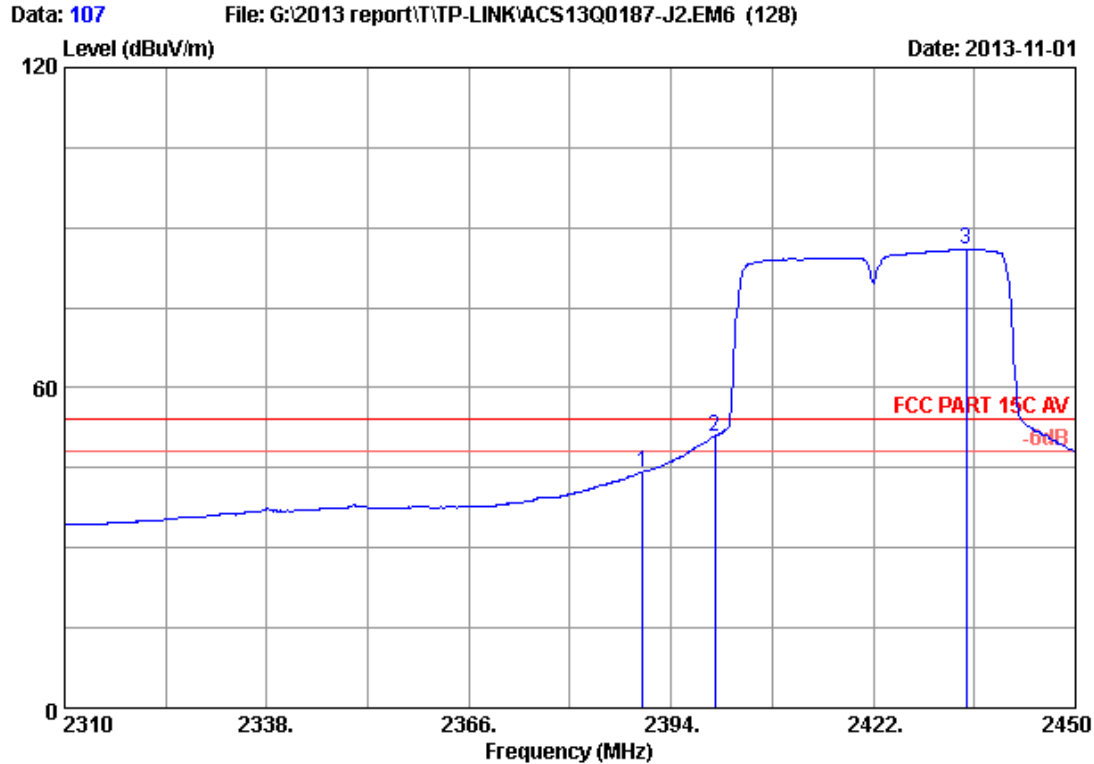


Site no. : 3m Chamber Data no. : 106
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	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	40.40	38.64	54.00	15.36	Average
2	2400.000	28.18	5.80	35.70	46.24	44.52	54.00	9.48	Average
3	2407.020	28.20	5.81	35.70	79.34	77.65	54.00	-23.65	Average

Remarks:

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

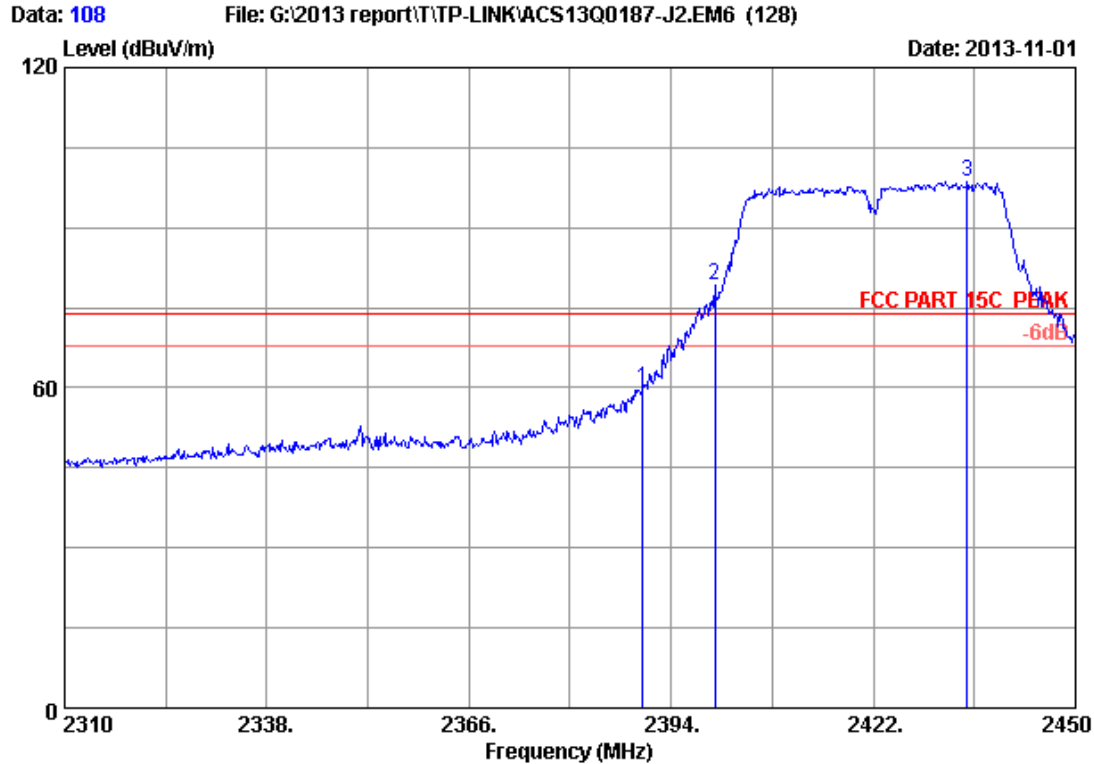


Site no. : 3m Chamber Data no. : 107
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	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	45.88	44.12	54.00	9.88	Average
2	2400.000	28.18	5.80	35.70	52.68	50.96	54.00	3.04	Average
3	2434.880	28.26	5.85	35.70	87.56	85.97	54.00	-31.97	Average

Remarks:

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

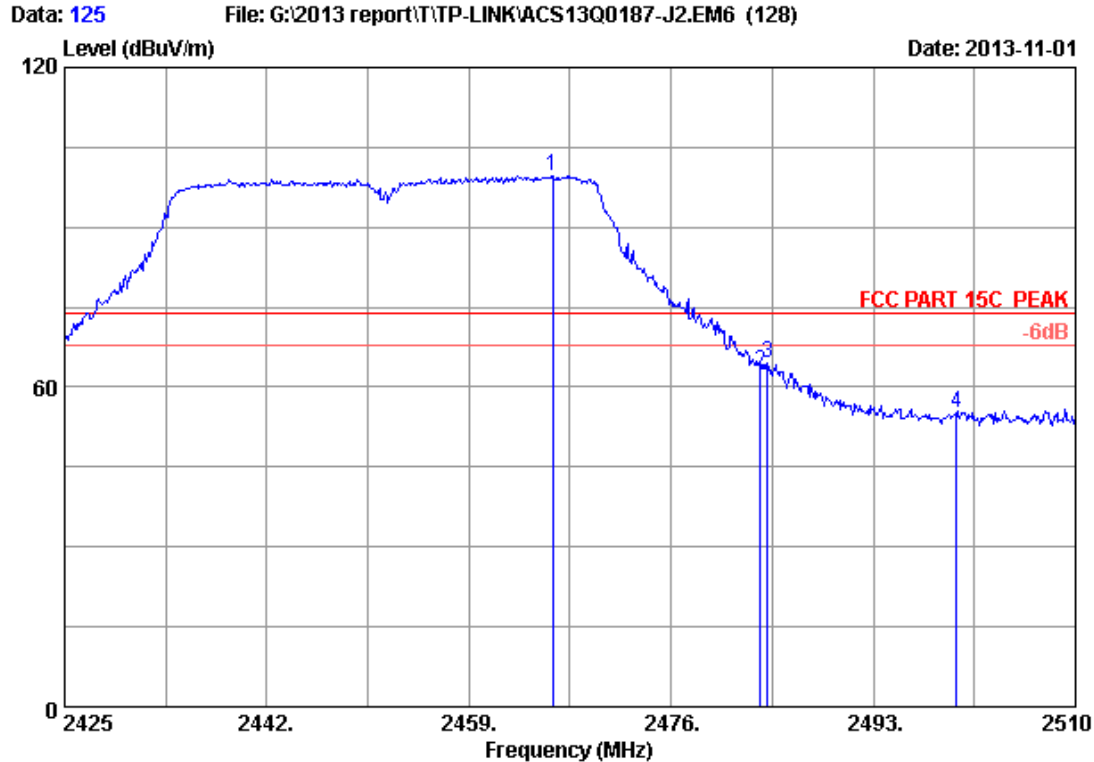


Site no. : 3m Chamber Data no. : 108
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2422MHz Tx
 M/N : TL-WA7210

	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	61.65	59.89	74.00	14.11	Peak
2	2400.000	28.18	5.80	35.70	80.88	79.16	74.00	-5.16	Peak
3	2435.020	28.26	5.85	35.70	100.09	98.50	74.00	-24.50	Peak

Remarks:

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

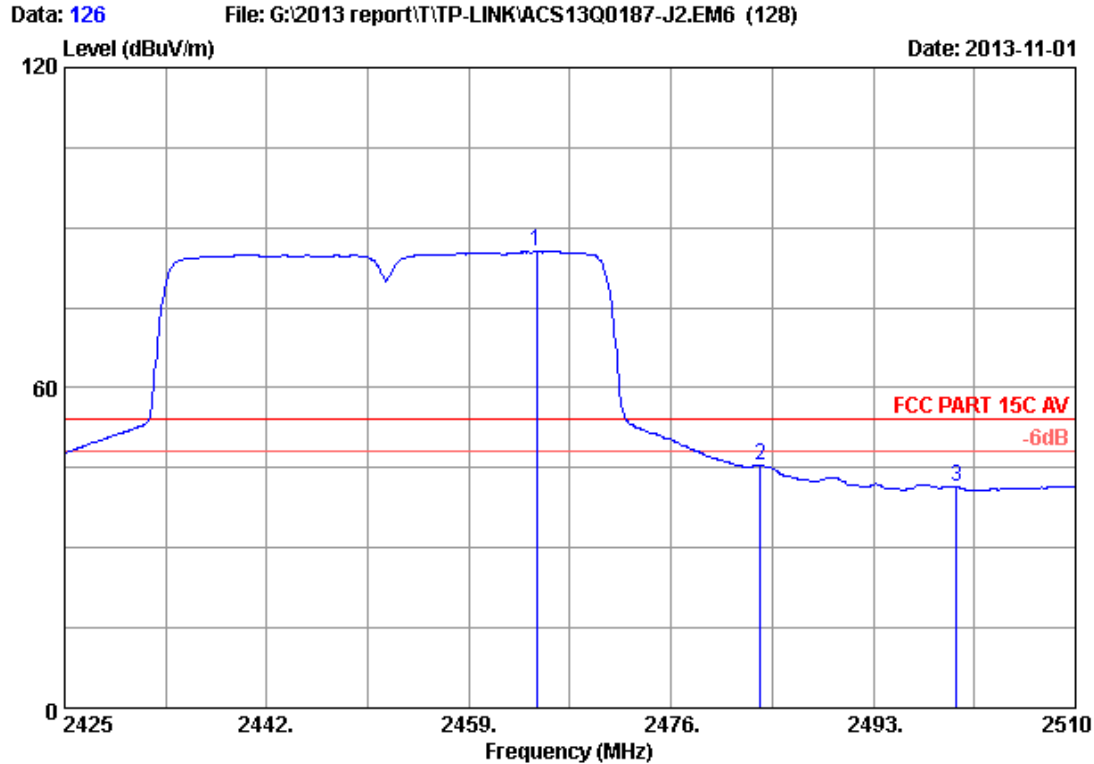


Site no. : 3m Chamber Data no. : 125
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

	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	2466.055	28.33	5.89	35.70	101.15	99.67	74.00	-25.67	Peak
2	2483.500	28.36	5.92	35.70	64.15	62.73	74.00	11.27	Peak
3	2484.075	28.36	5.92	35.70	66.07	64.65	74.00	9.35	Peak
4	2500.000	28.40	5.94	35.70	56.65	55.29	74.00	18.71	Peak

Remarks:

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

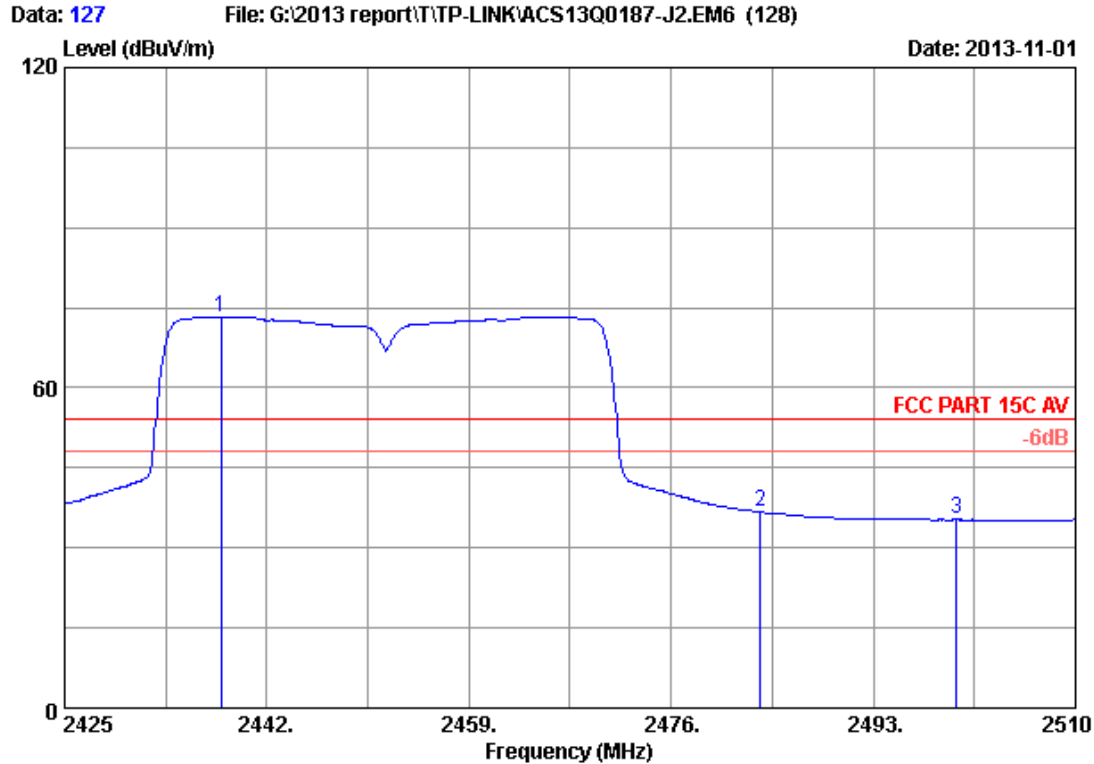


Site no. : 3m Chamber Data no. : 126
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : VERTICAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

	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	2464.695	28.32	5.89	35.70	87.00	85.51	54.00	-31.51	Average
2	2483.500	28.36	5.92	35.70	46.96	45.54	54.00	8.46	Average
3	2500.000	28.40	5.94	35.70	42.72	41.36	54.00	12.64	Average

Remarks:

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

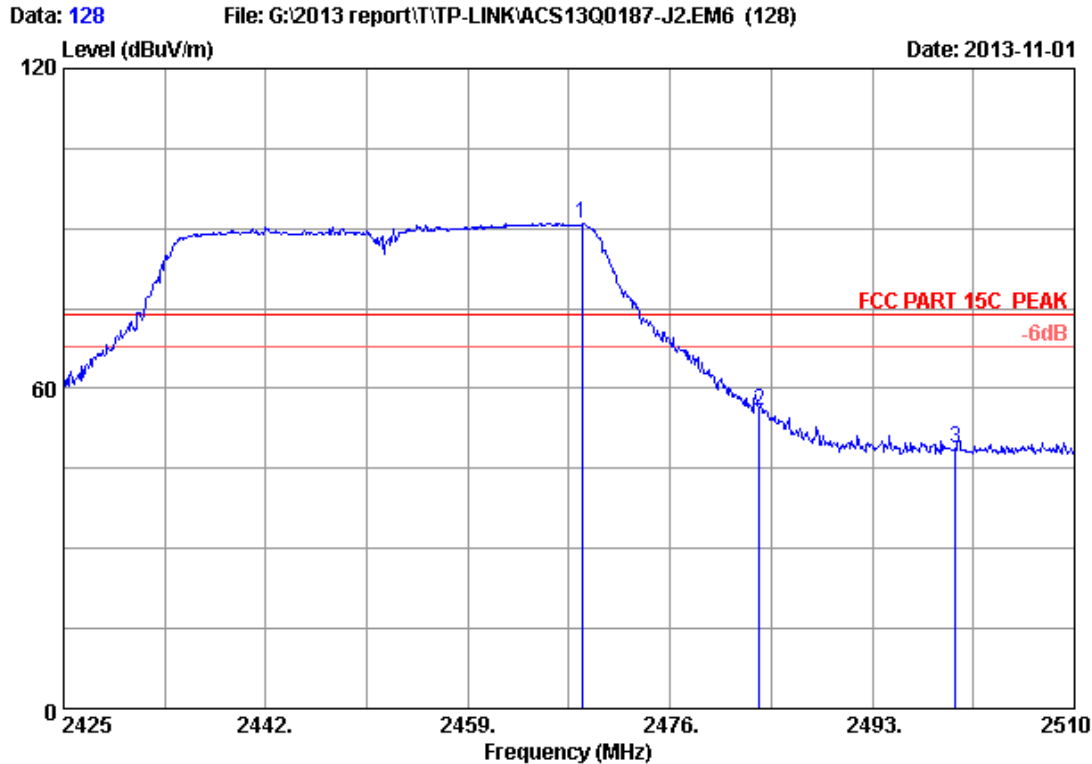


Site no. : 3m Chamber Data no. : 127
 Dis. / Ant. : 3m 2013 3115 (4580) Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C AV
 Env. / Ins. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

	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	2438.175	28.26	5.85	35.70	74.91	73.32	54.00	-19.32	Average
2	2483.500	28.36	5.92	35.70	38.17	36.75	54.00	17.25	Average
3	2500.000	28.40	5.94	35.70	36.66	35.30	54.00	18.70	Average

Remarks:

1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
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. : 23°C/54% Engineer : Leo-Li
 EUT : 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point
 Power supply : DC 12V From Adapter Input AC 120V/60Hz
 Test mode : IEEE802.11nHT40 2452MHz Tx
 M/N : TL-WA7210

	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	2468.605	28.33	5.90	35.70	92.51	91.04	74.00	-17.04	Peak
2	2483.500	28.36	5.92	35.70	57.38	55.96	74.00	18.04	Peak
3	2500.000	28.40	5.94	35.70	50.20	48.84	74.00	25.16	Peak

Remarks:

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

7. 6dB Bandwidth Test

7.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E4446A	US44300459	May.08, 13	1 Year
2.	Amp	HP	8449B	3008A08495	May.08, 13	1 Year
3.	Antenna	EMCO	3115	9510-4580	May.08, 13	1Year
4.	HF Cable	Hubersuhner	Sucoflex104	-	May.08, 13	1 Year

7.2. Limit

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

7.3. Test Procedure

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

7.4. Test Results

EUT: 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point		
M/N: TL-WA7210N		
Test date:2013-11-24	Pressure: 101.2±1. 0kpa	Humidity: 53.8±3. 0 %
Tested by:Leo-Li	Test site: RF site	Temperature:23.2±0. 6 °C

Cable loss: 1 dB			Attenuator loss: 20 dB	
Antenna Type	Test Mode	CH	6dB bandwidth (MHz)	Limit (KHz)
Horizontal	11b	CH1	10.273	>500
		CH6	10.273	>500
		CH11	10.267	>500
	11g	CH1	16.431	>500
		CH6	16.434	>500
		CH11	16.454	>500
	11n HT20	CH1	17.678	>500
		CH6	17.642	>500
		CH11	17.643	>500
	11n HT40	CH1	35.672	>500
		CH4	35.428	>500
		CH7	35.808	>500

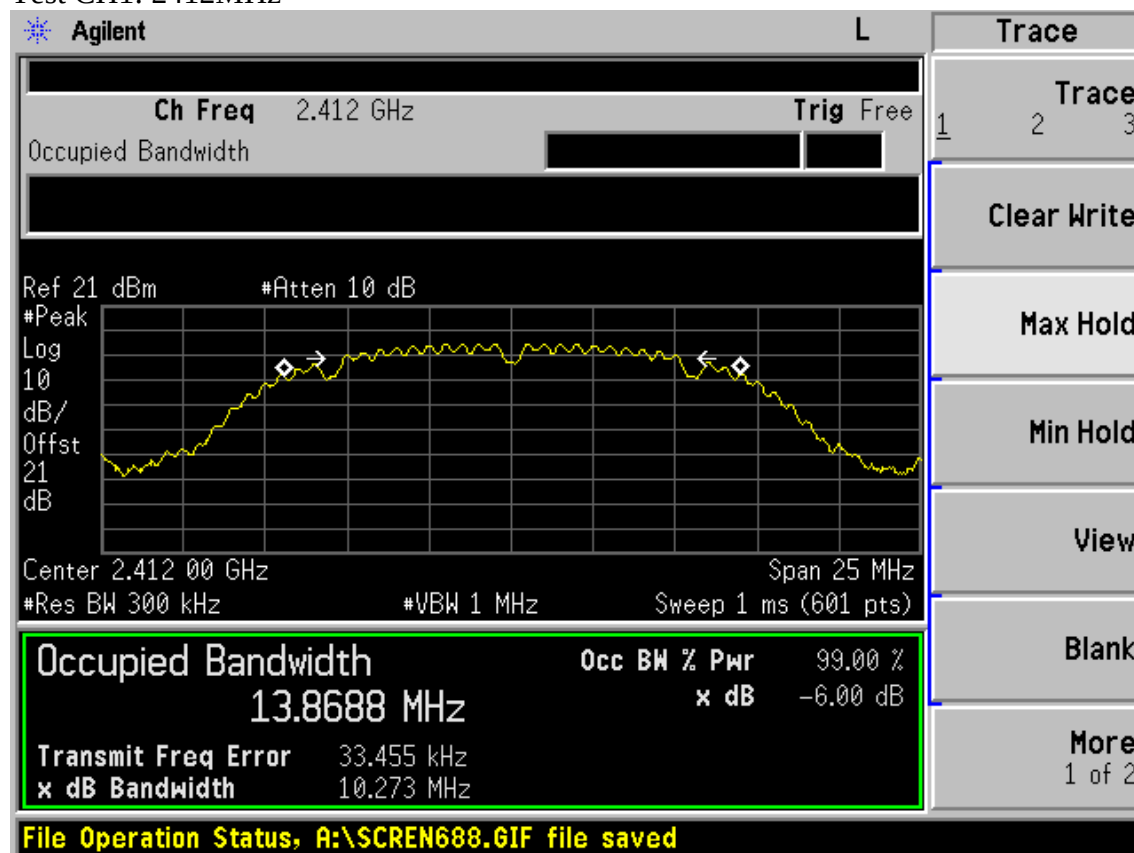
External	11b	CH1	10.128	>500
		CH6	10.060	>500
		CH11	10.123	>500
	11g	CH1	16.455	>500
		CH6	16.453	>500
		CH11	16.443	>500
	11nHT20	CH1	17.668	>500
		CH6	17.664	>500
		CH11	17.664	>500
	11nHT40	CH1	36.551	>500
		CH4	36.761	>500
		CH7	36.631	>500
Vertical	11b	CH1	10.281	>500
		CH6	10.281	>500
		CH11	10.286	>500
	11g	CH1	16.453	>500
		CH6	16.378	>500
		CH11	16.491	>500
	11nHT20	CH1	17.695	>500
		CH6	17.816	>500
		CH11	17.668	>500
		CH6	17.816	>500
	11nHT40	CH1	35.543	>500
		CH4	35.945	>500
		CH7	36.095	>500

Conclusion : PASS

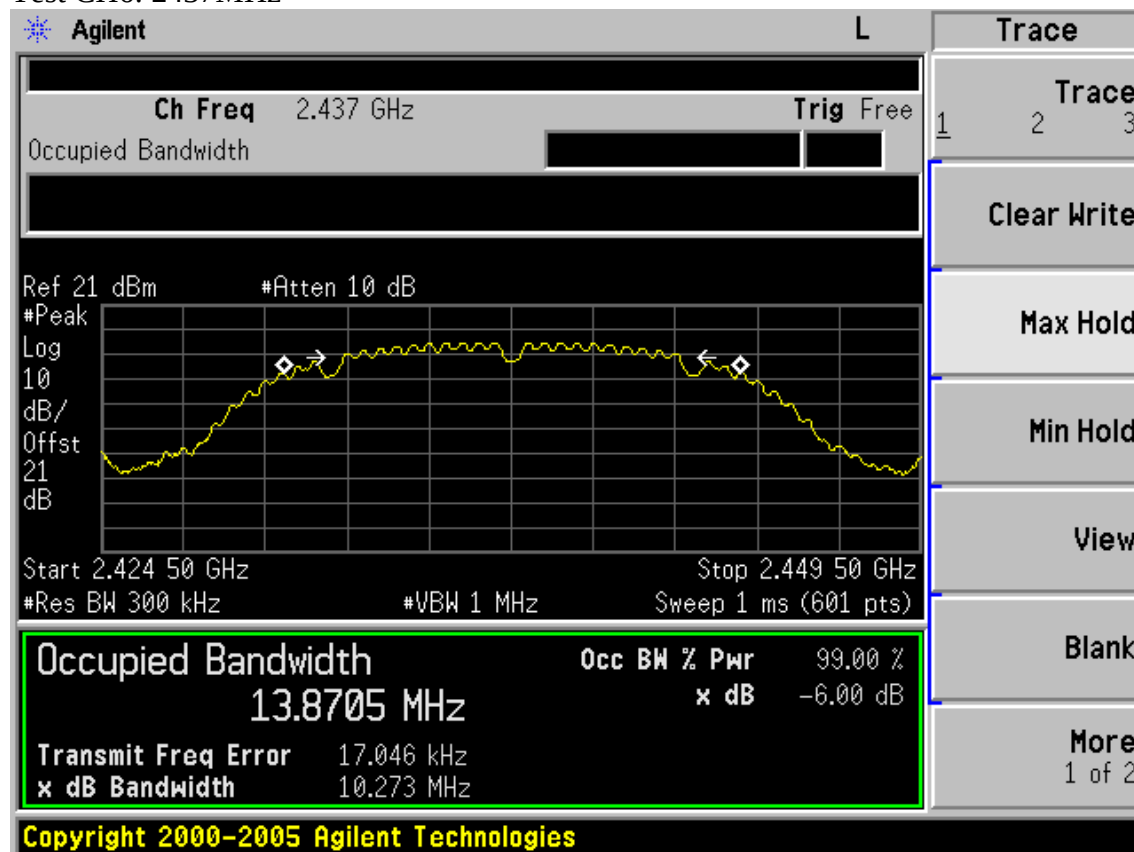
Horizontal

Test Mode: IEEE 802.11b TX

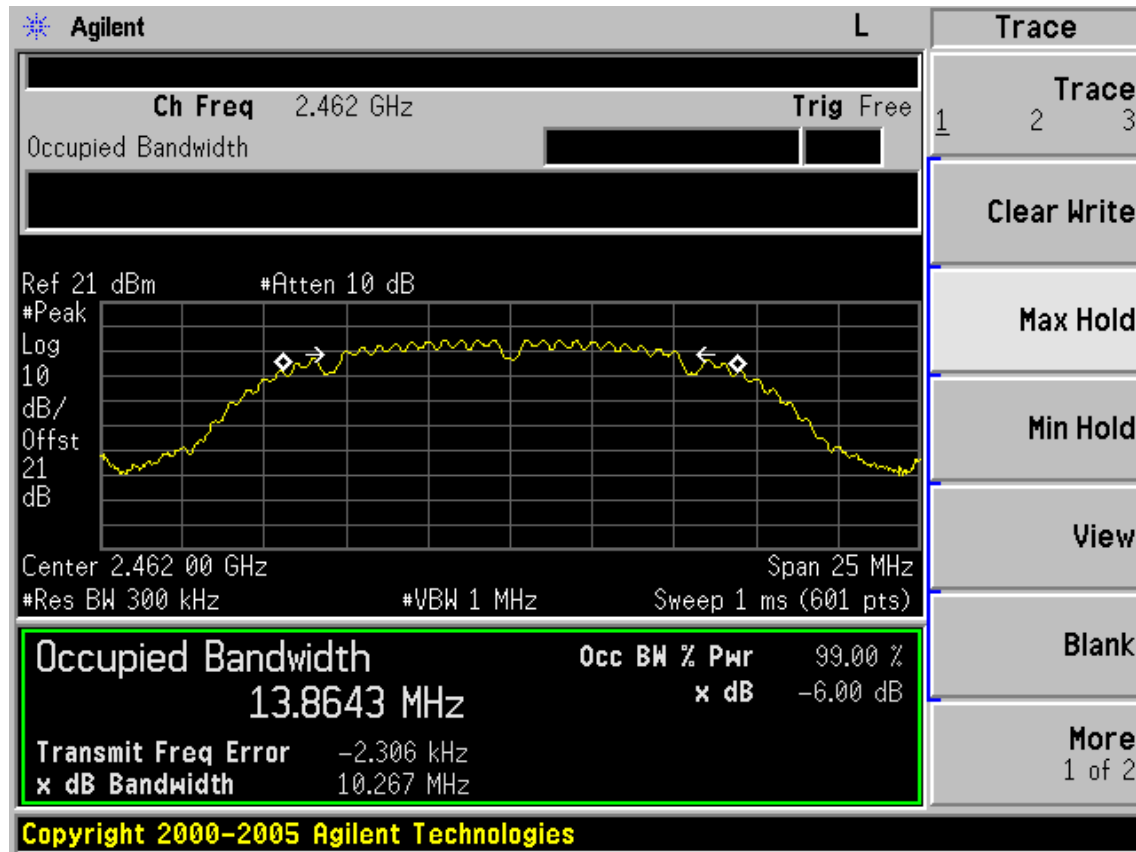
Test CH1: 2412MHz



Test CH6: 2437MHz

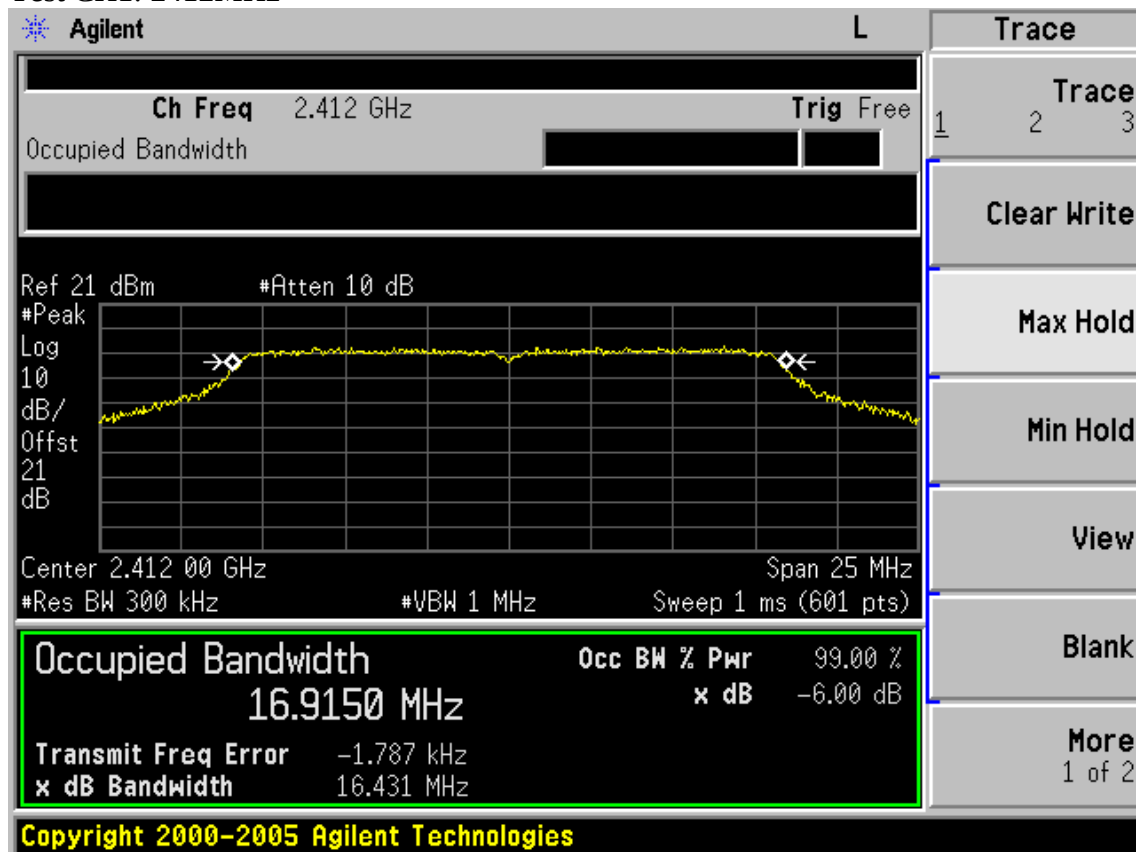


Test CH11: 2462MHz

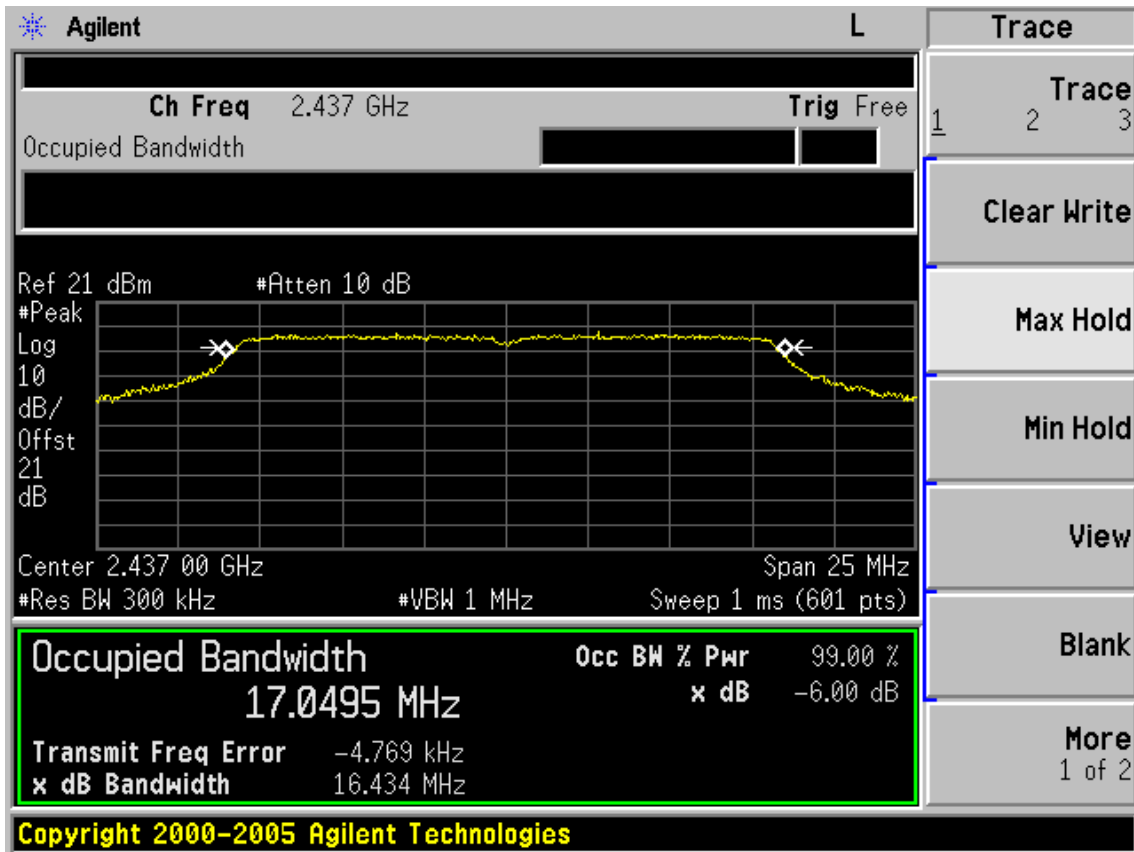


Test Mode: IEEE 802.11g TX

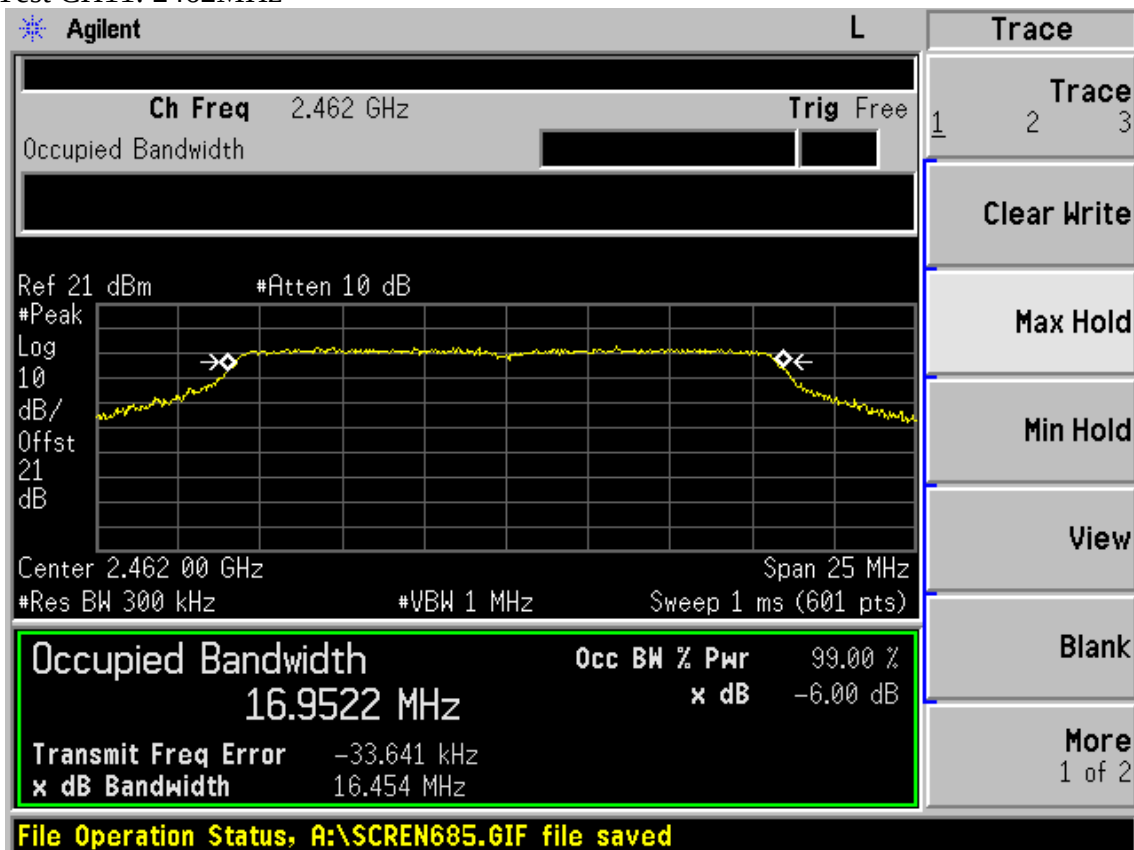
Test CH1: 2412MHz



Test CH6: 2437MHz

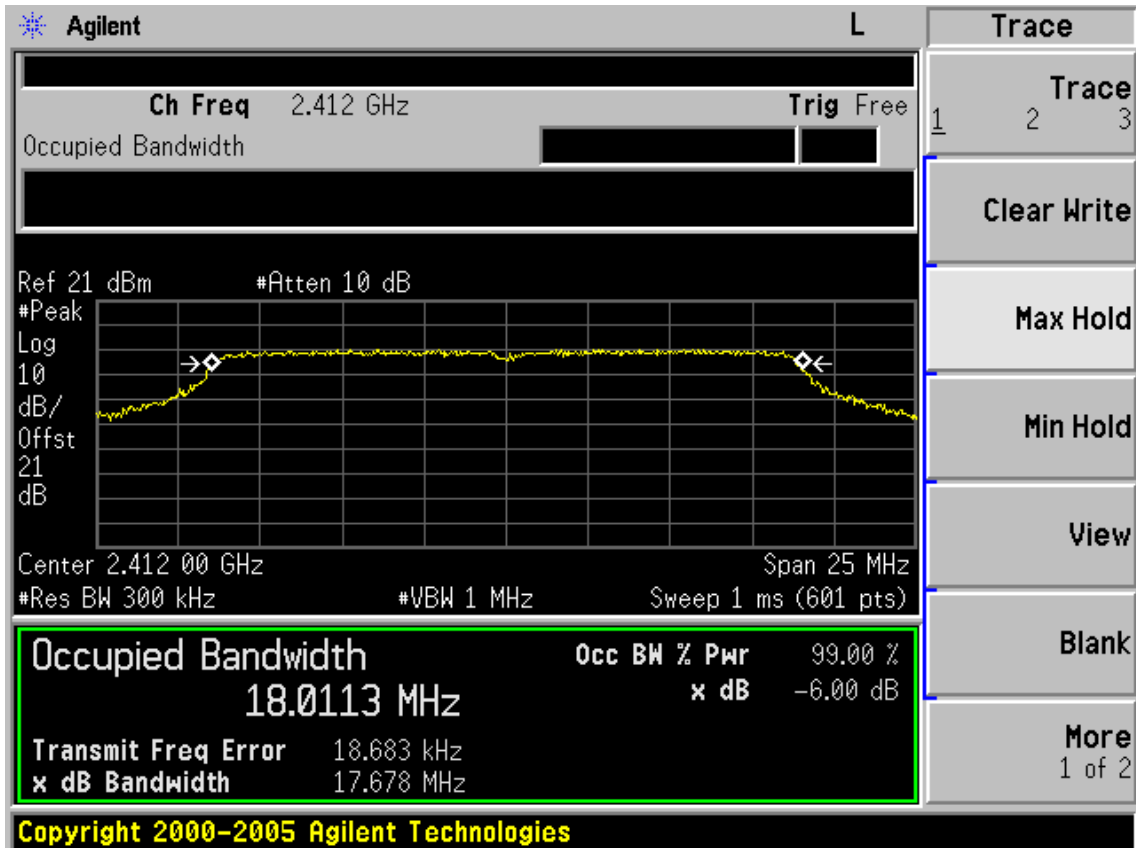


Test CH11: 2462MHz

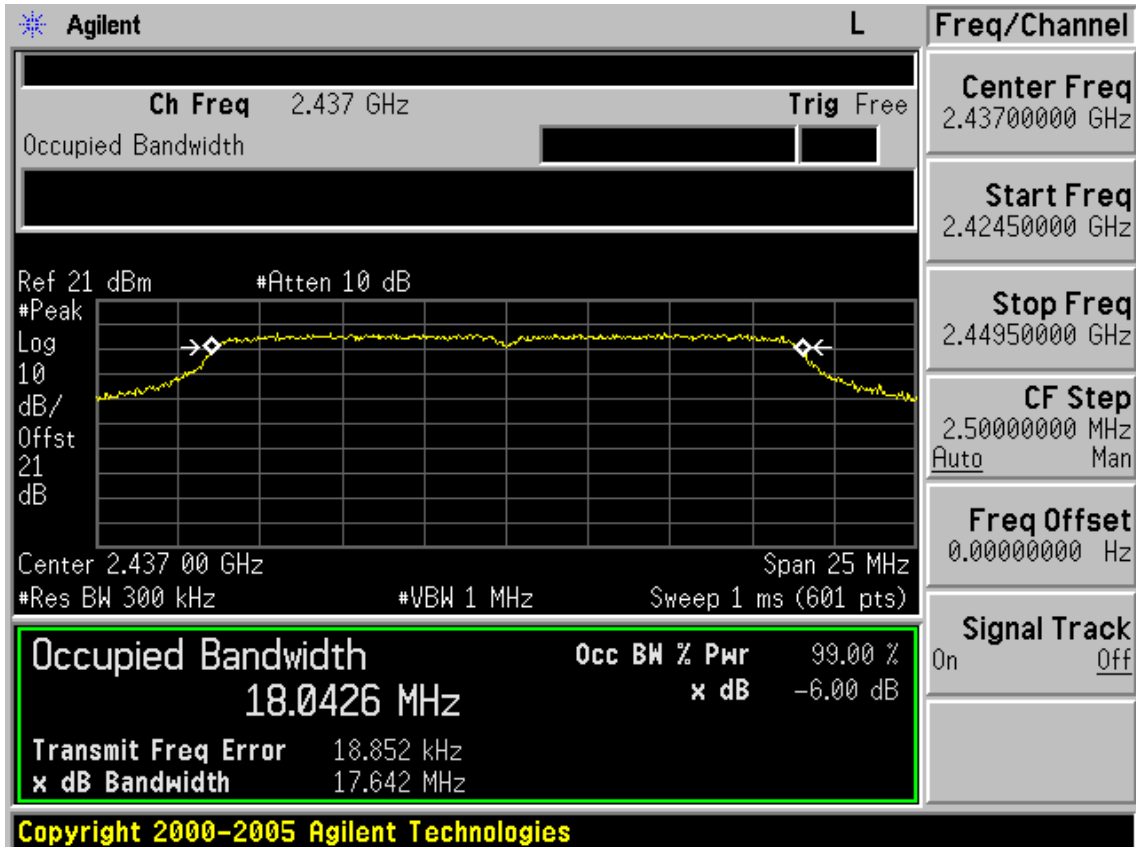


Test Mode: IEEE 11nHT20

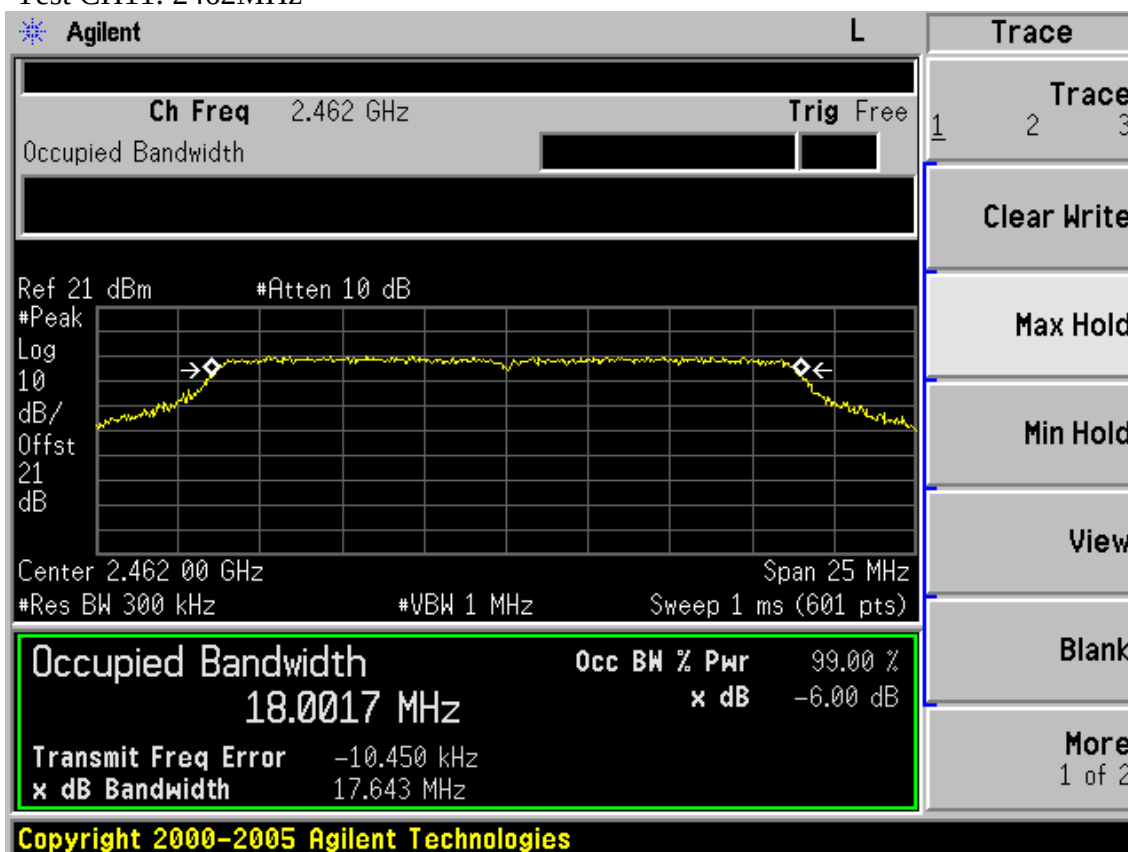
Test CH1: 2412MHz



Test CH6: 2437MHz

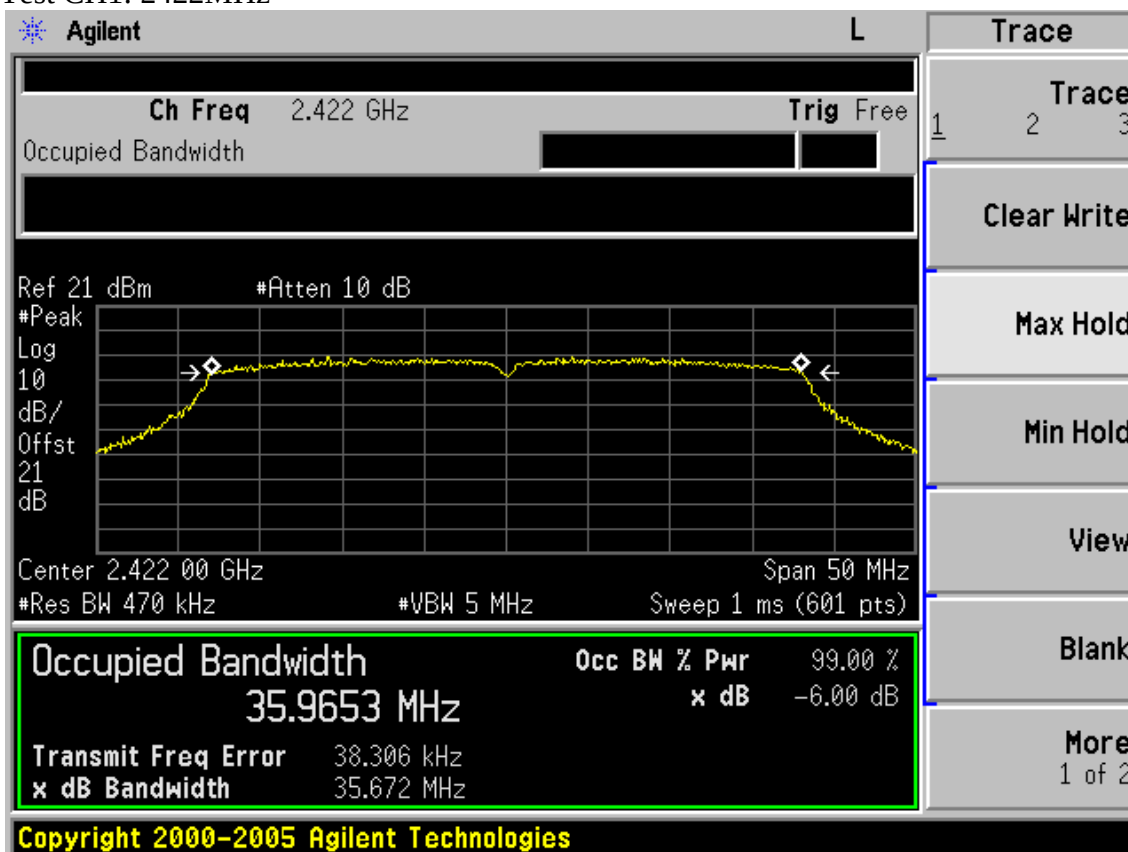


Test CH11: 2462MHz

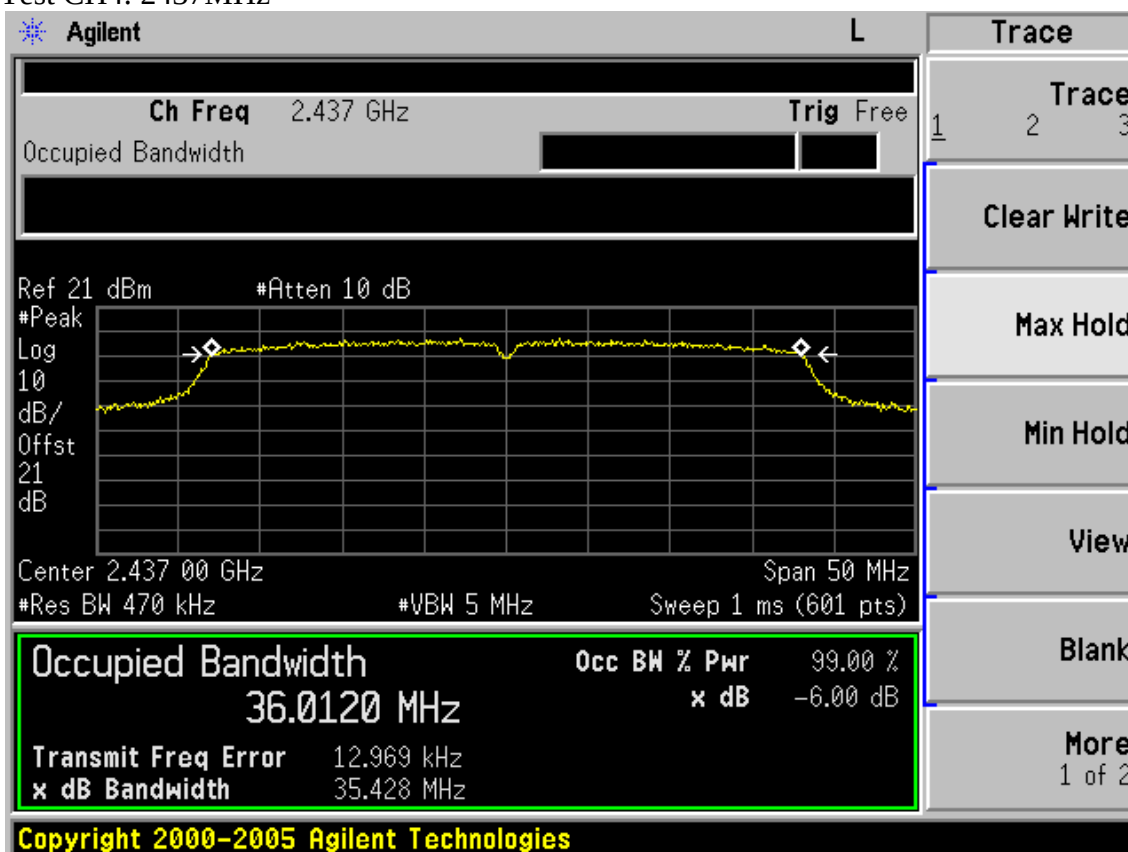


Test Mode: IEEE 11nHT40

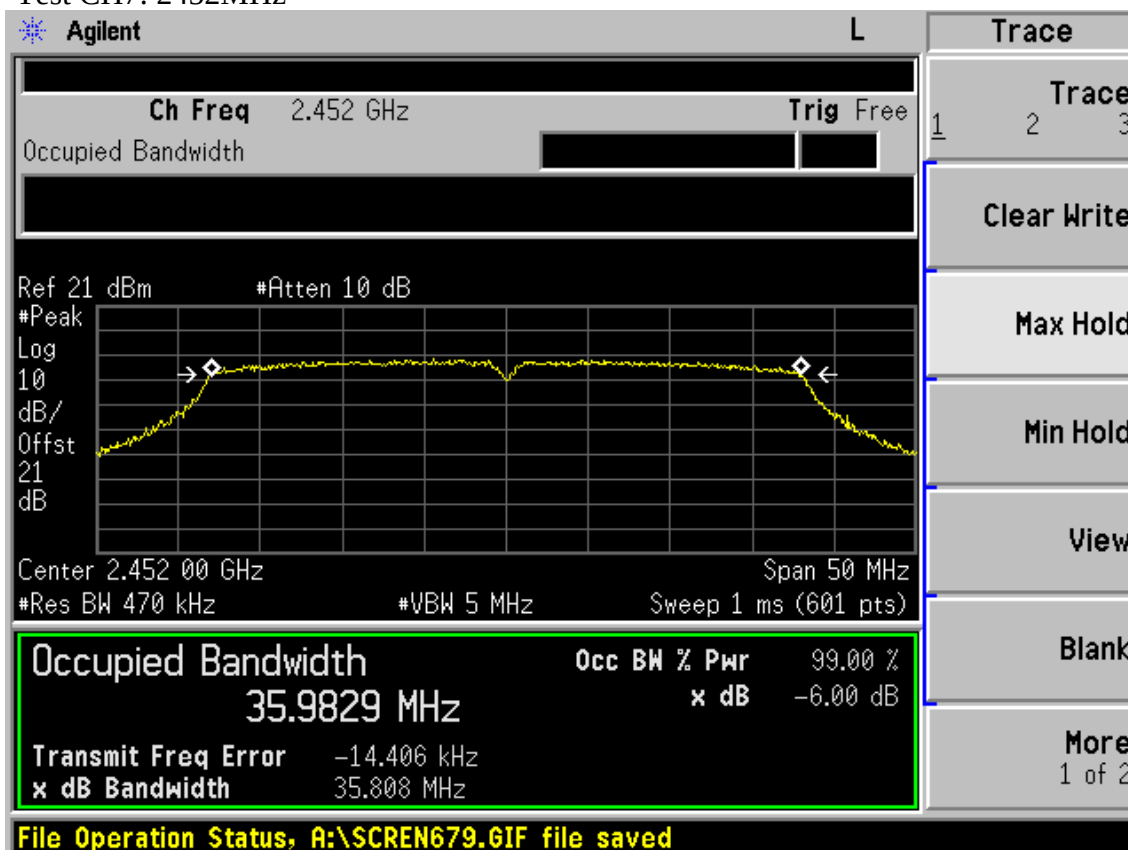
Test CH1: 2422MHz



Test CH4: 2437MHz



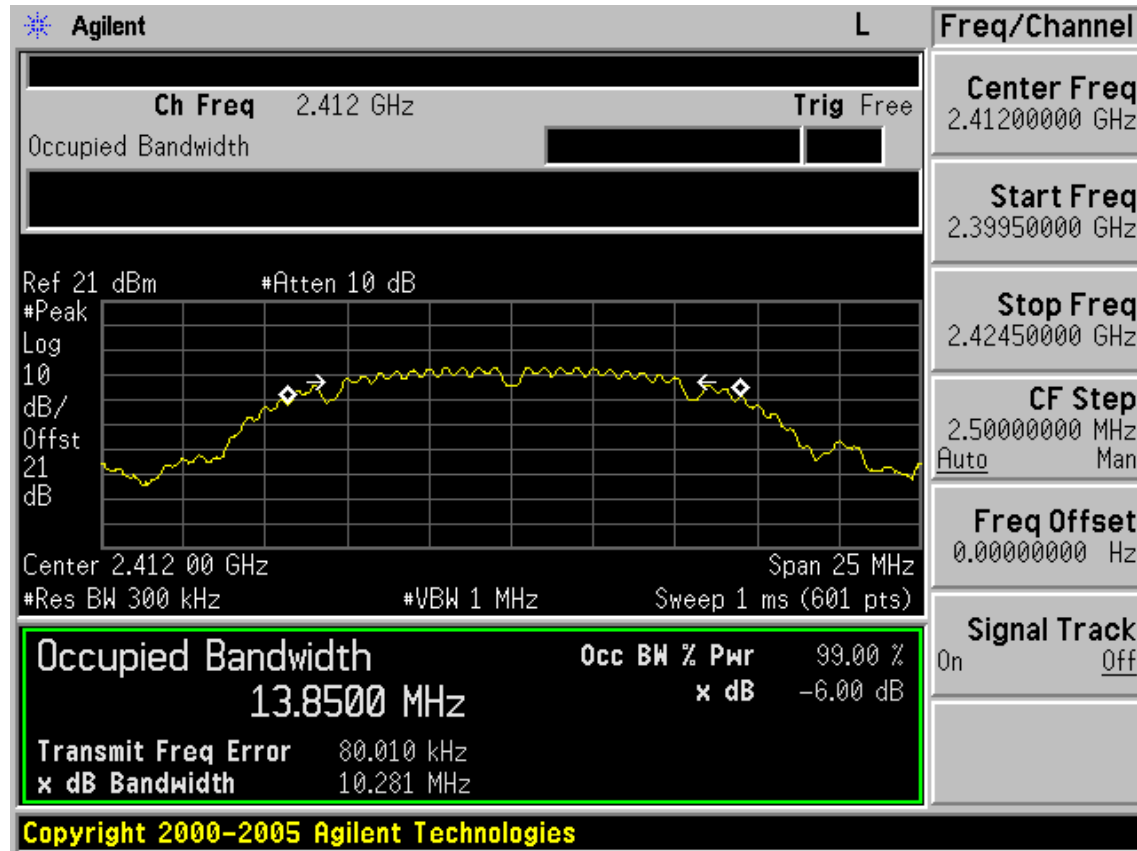
Test CH7: 2452MHz



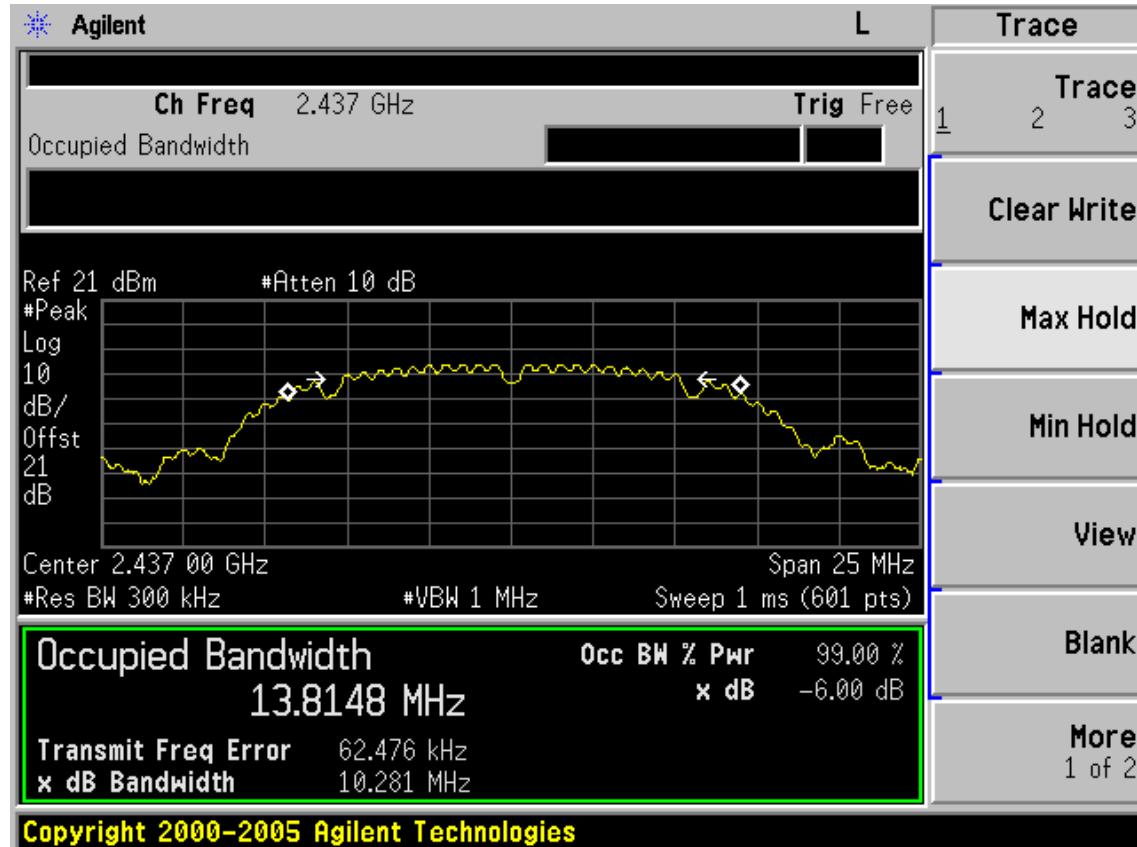
Vertical

Test Mode: IEEE 802.11b TX

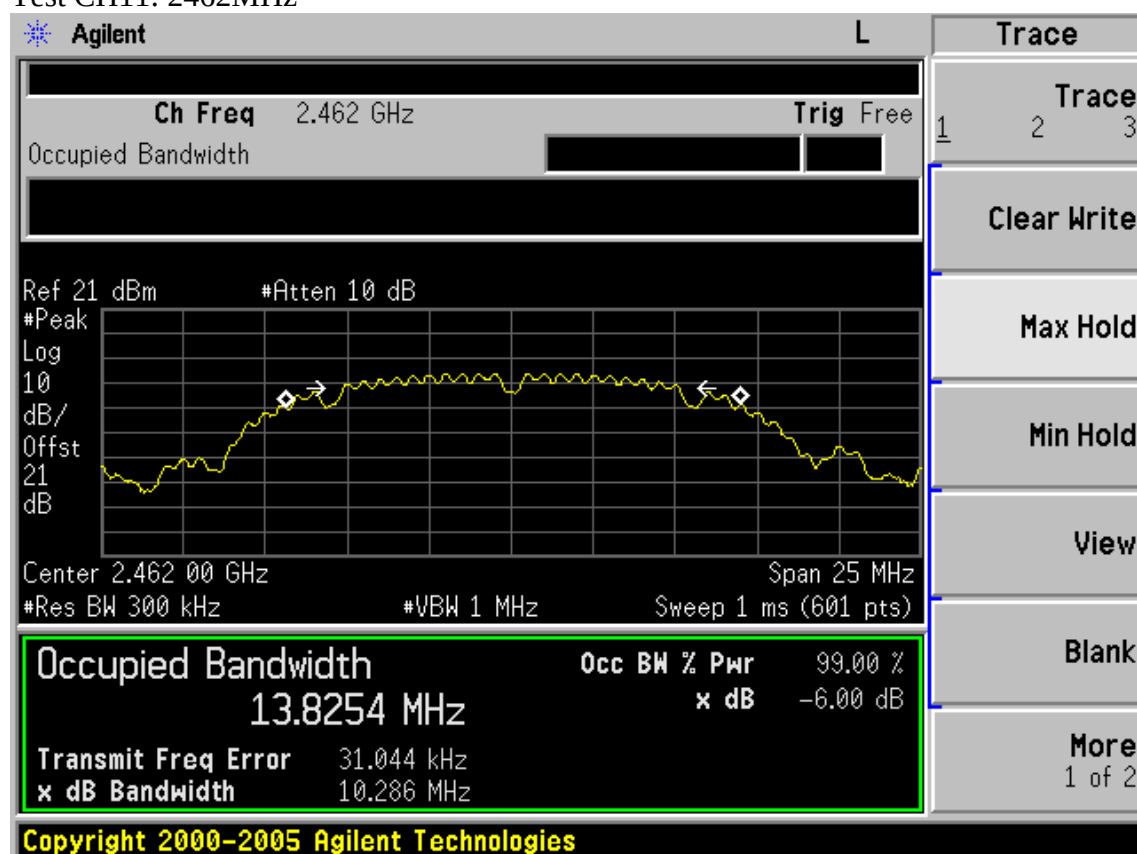
Test CH1: 2412MHz



Test CH6: 2437MHz

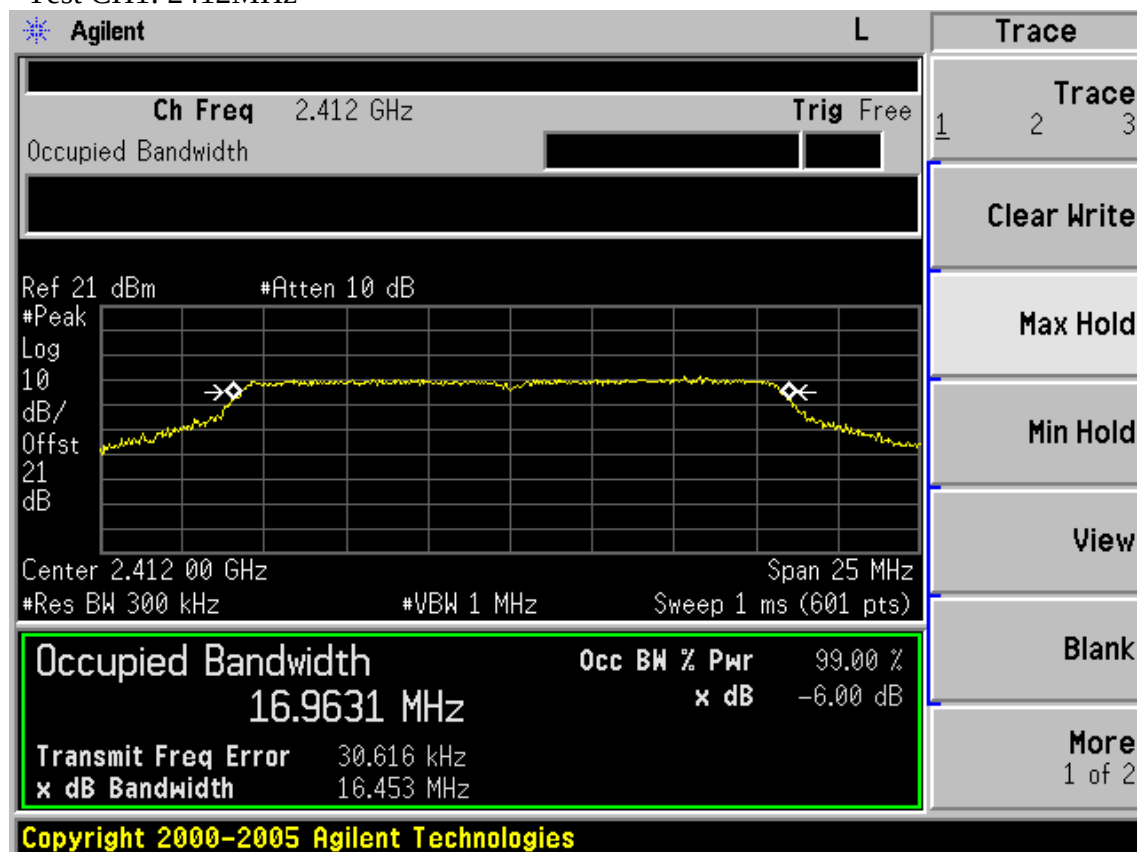


Test CH11: 2462MHz

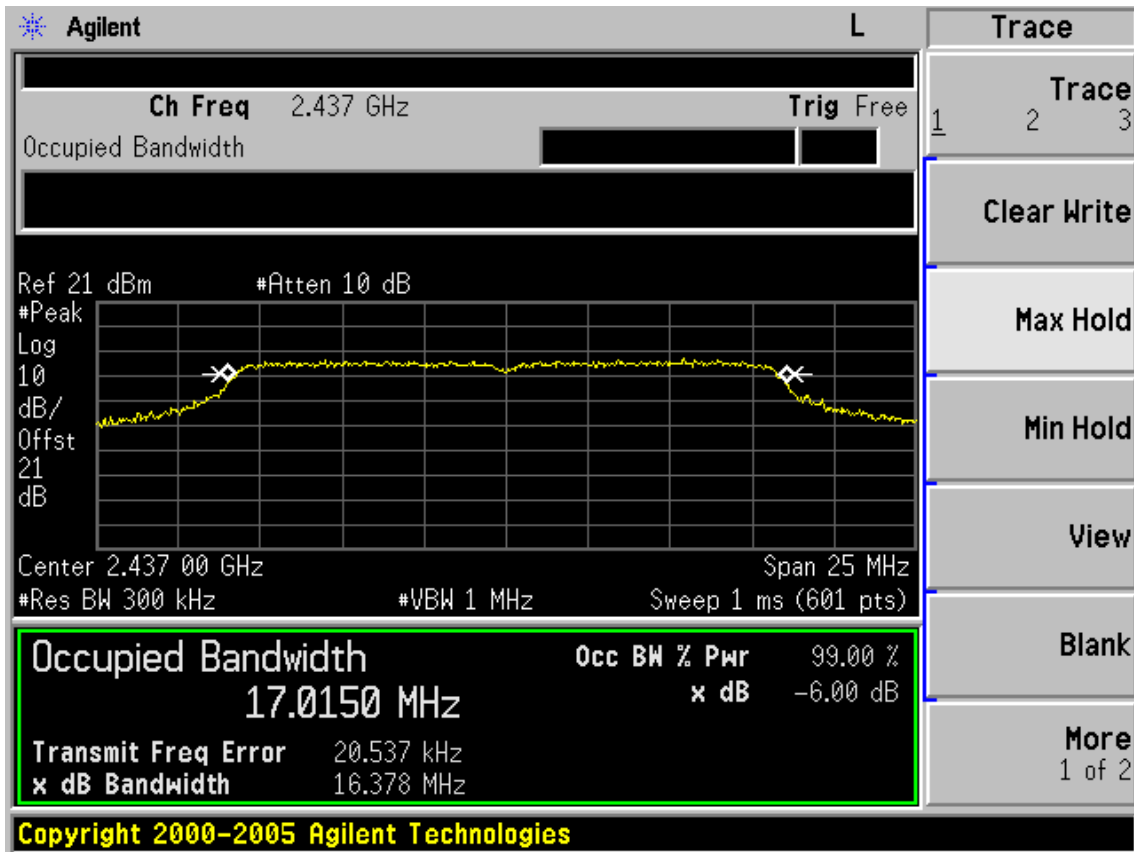


Test Mode: IEEE 802.11g TX

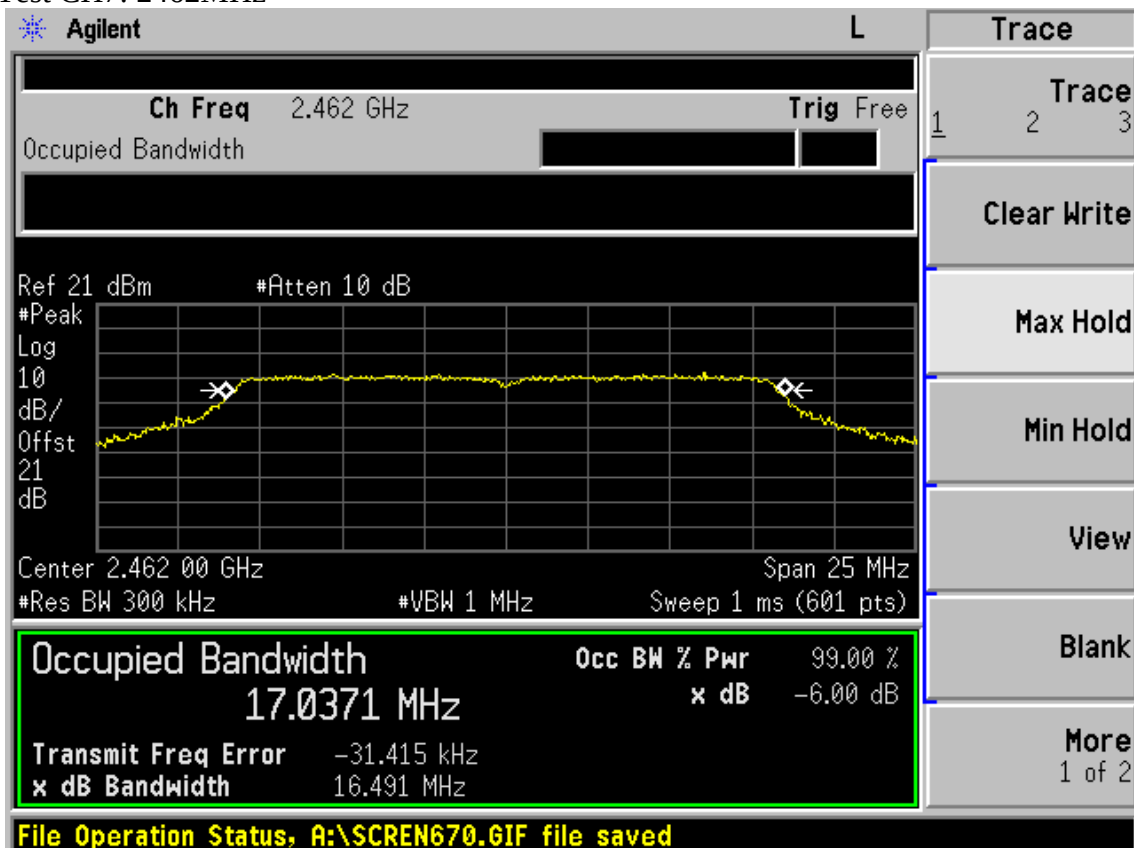
Test CH1: 2412MHz



Test CH4: 2437MHz

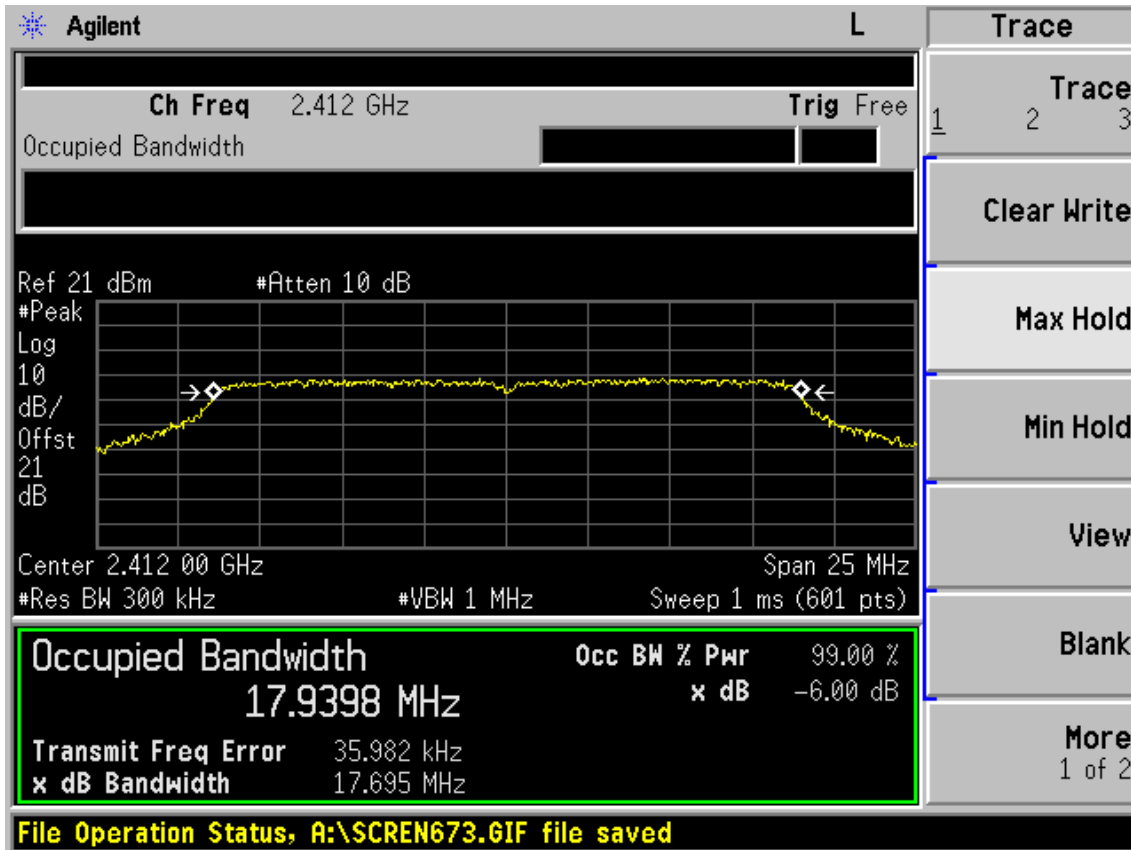


Test CH7: 2462MHz

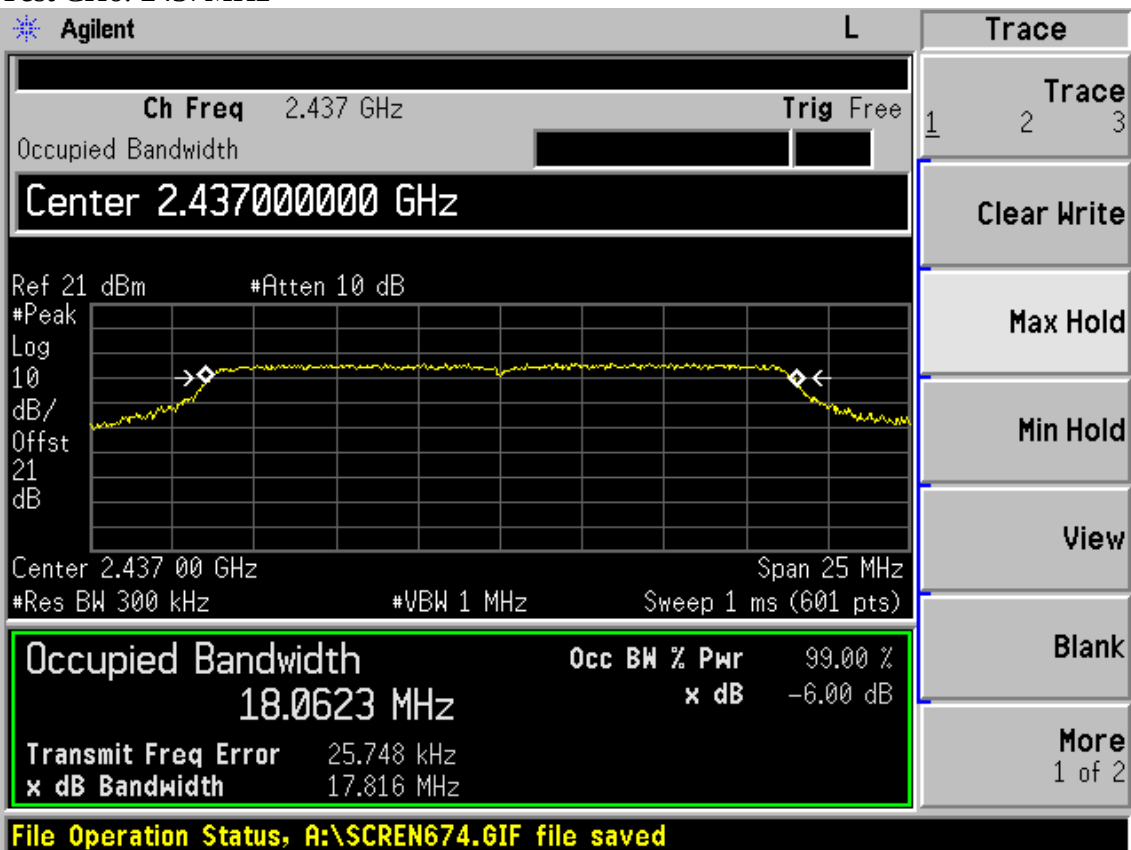


Test Mode: IEEE 11nHT20

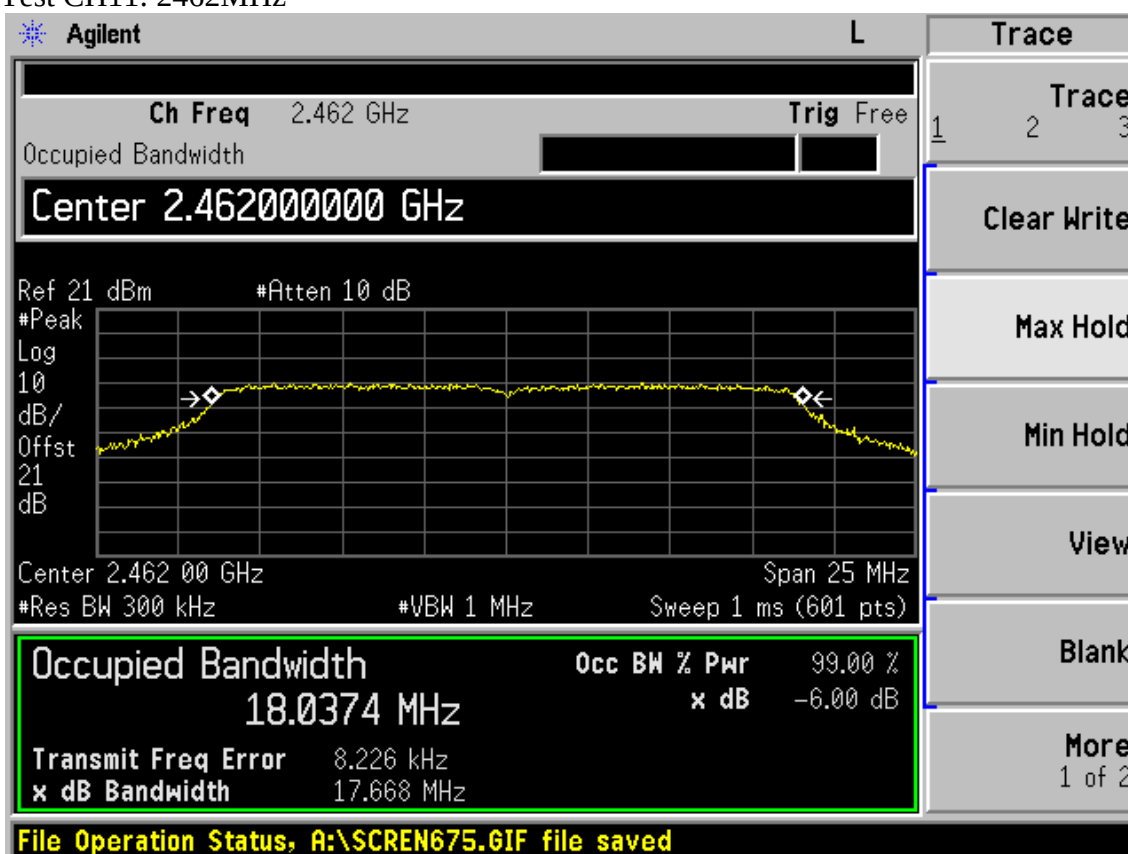
Test CH1: 2412MHz



Test CH6: 2437MHz

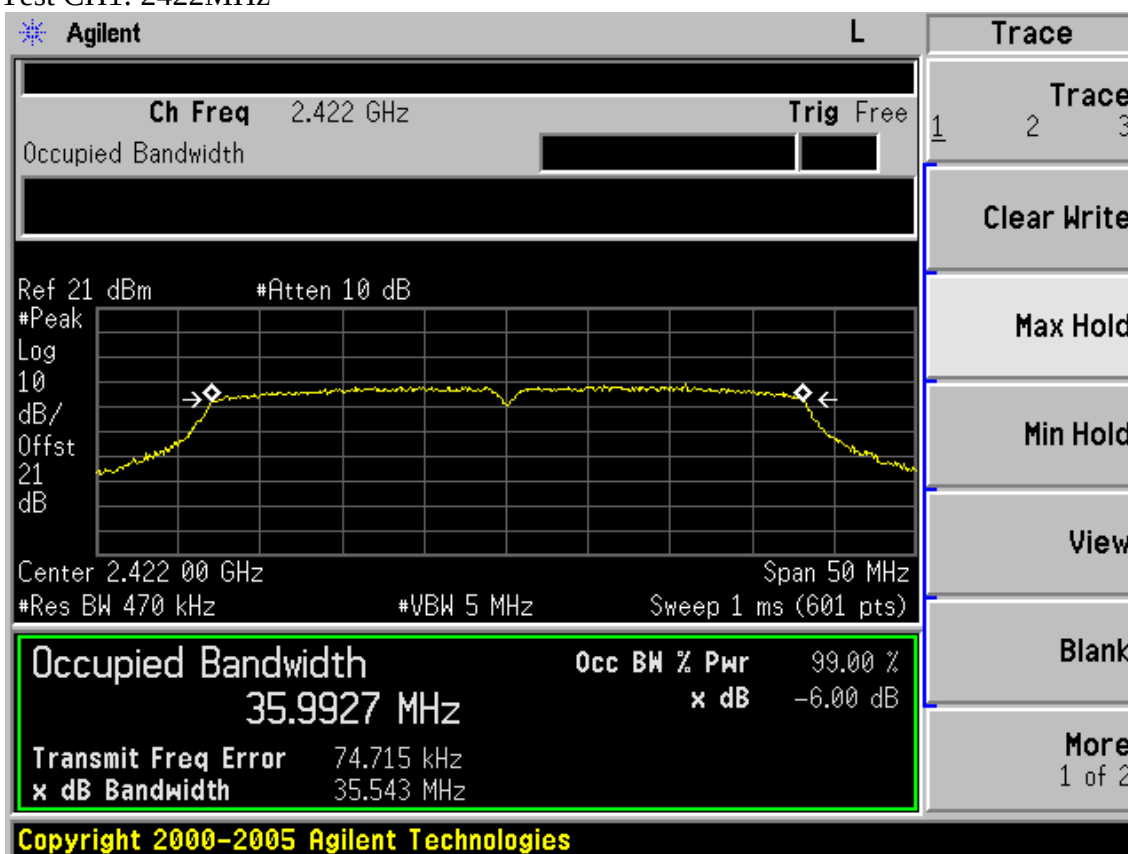


Test CH11: 2462MHz

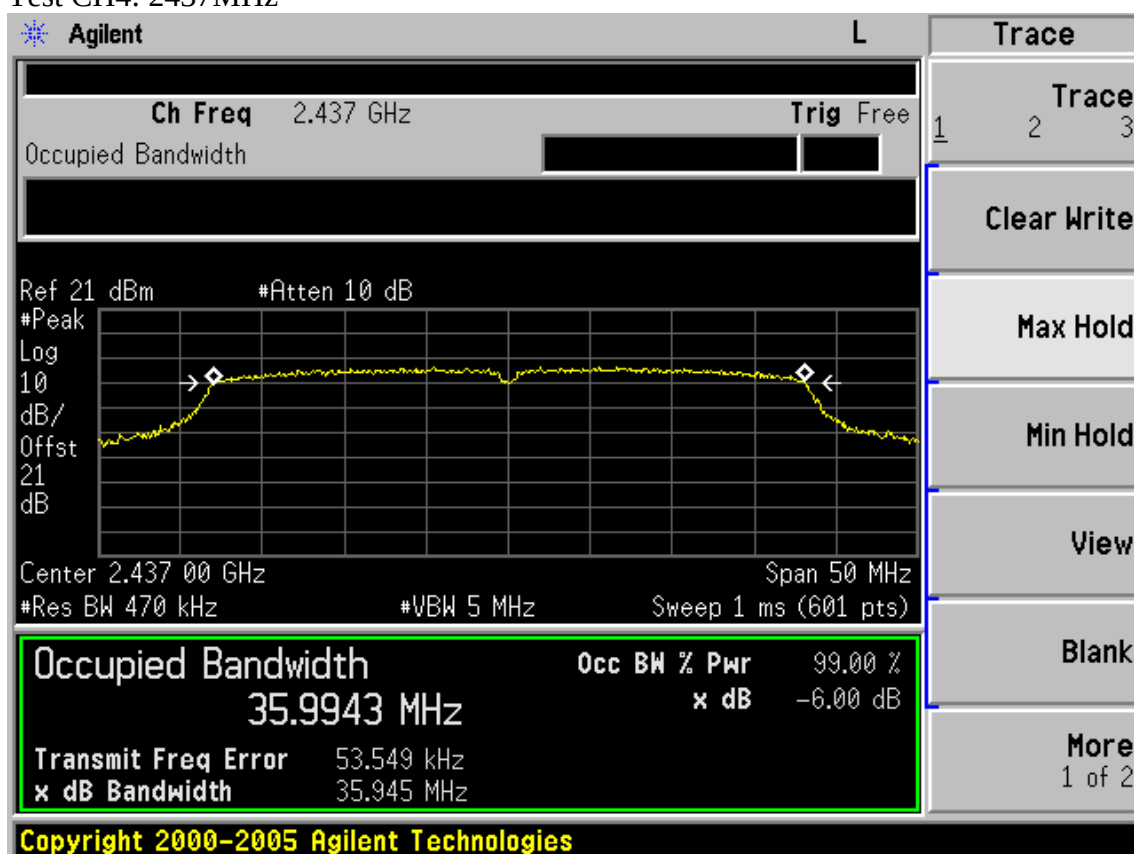


Test Mode: IEEE 11nHT40

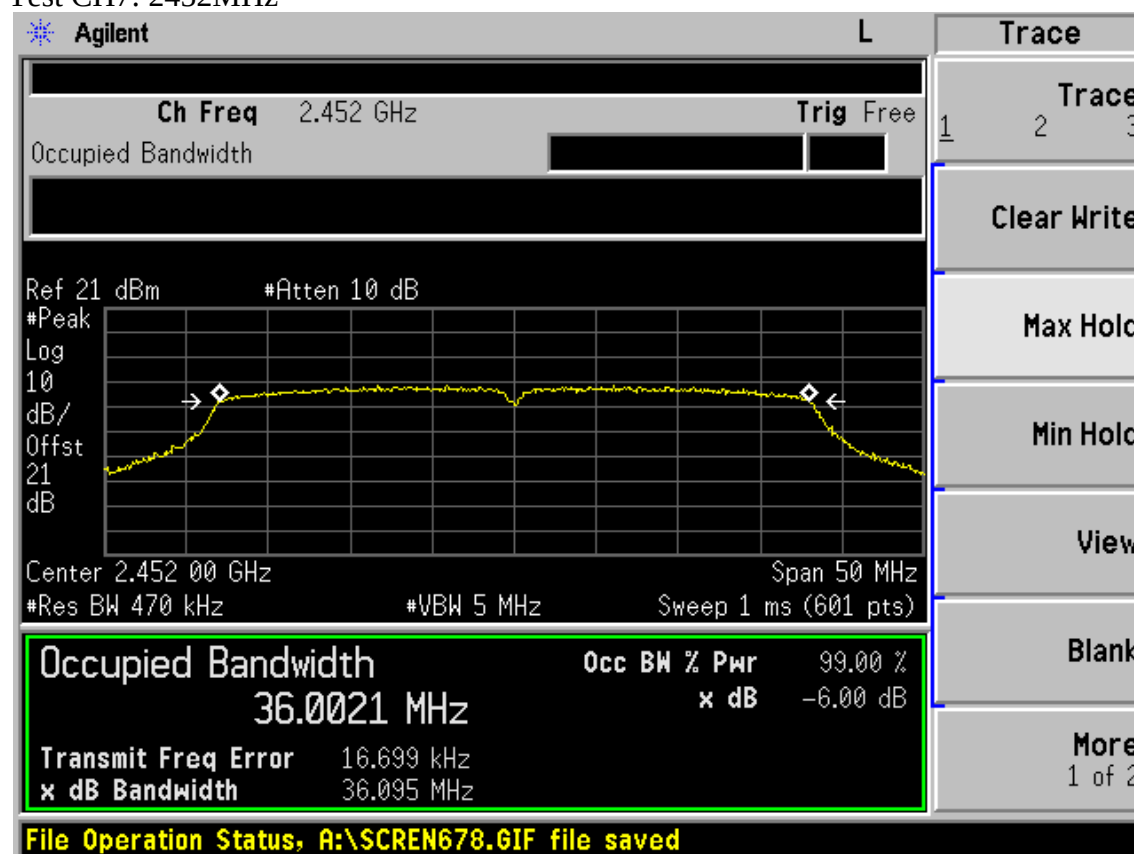
Test CH1: 2422MHz



Test CH4: 2437MHz



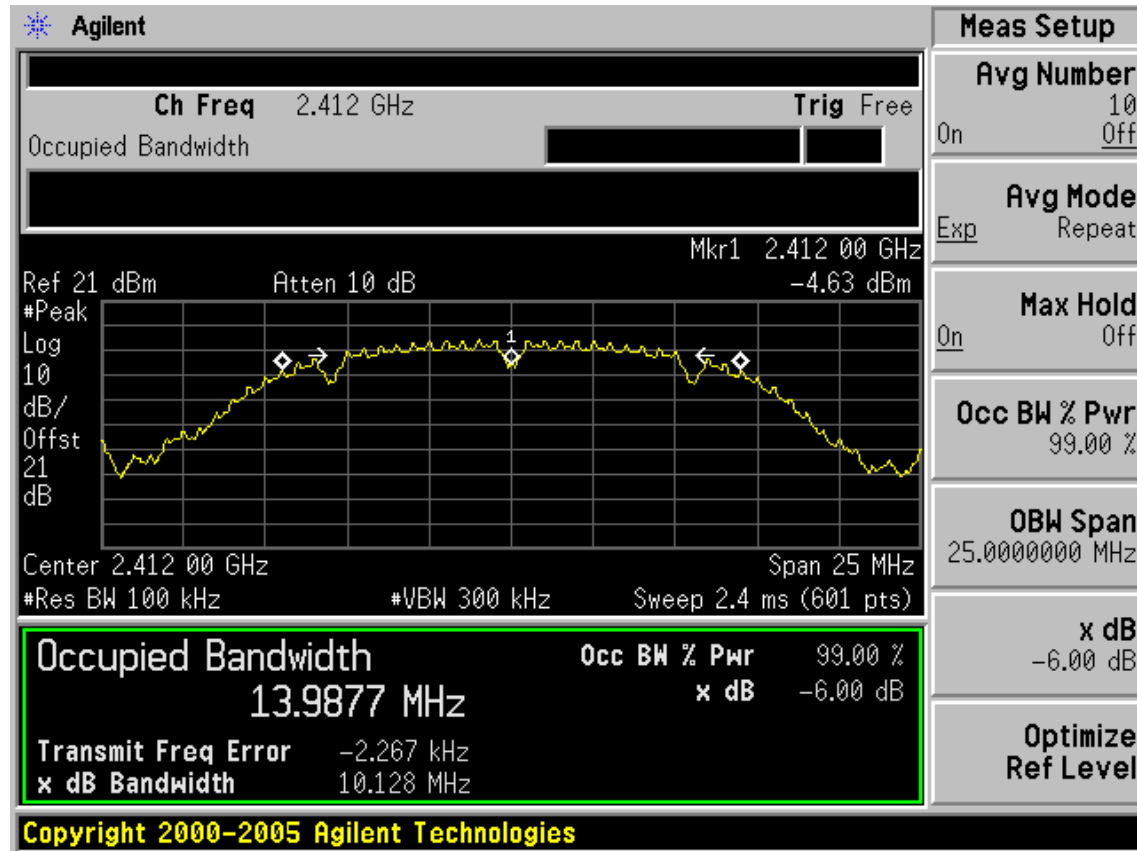
Test CH7: 2452MHz



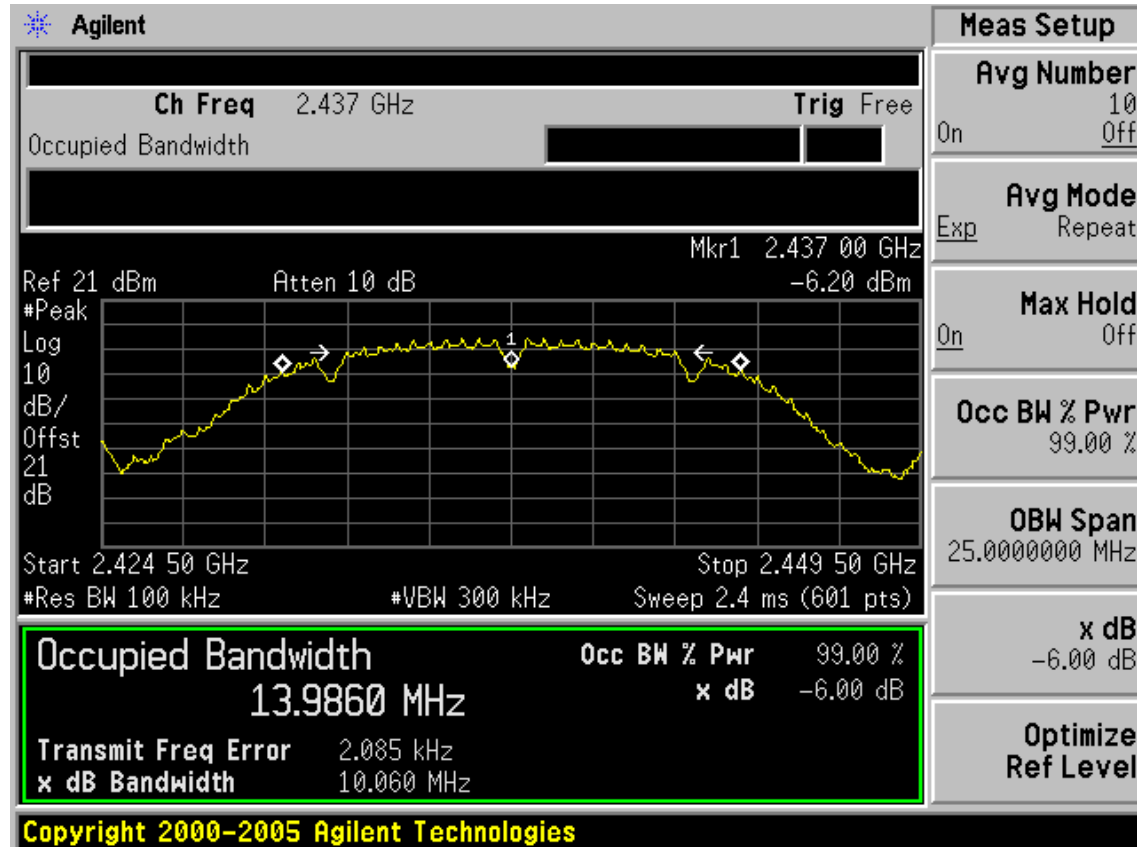
External

Test Mode: IEEE 802.11b TX

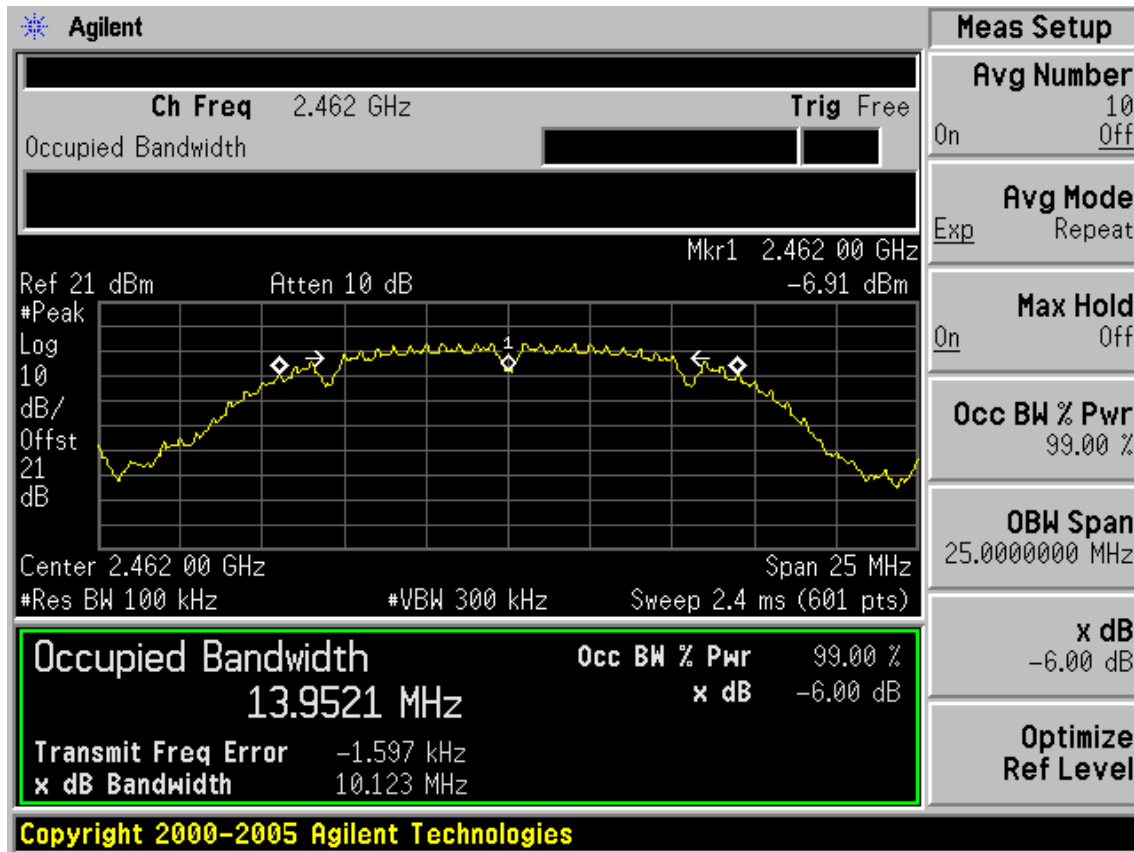
Test CH1: 2412MHz



Test CH6: 2437MHz

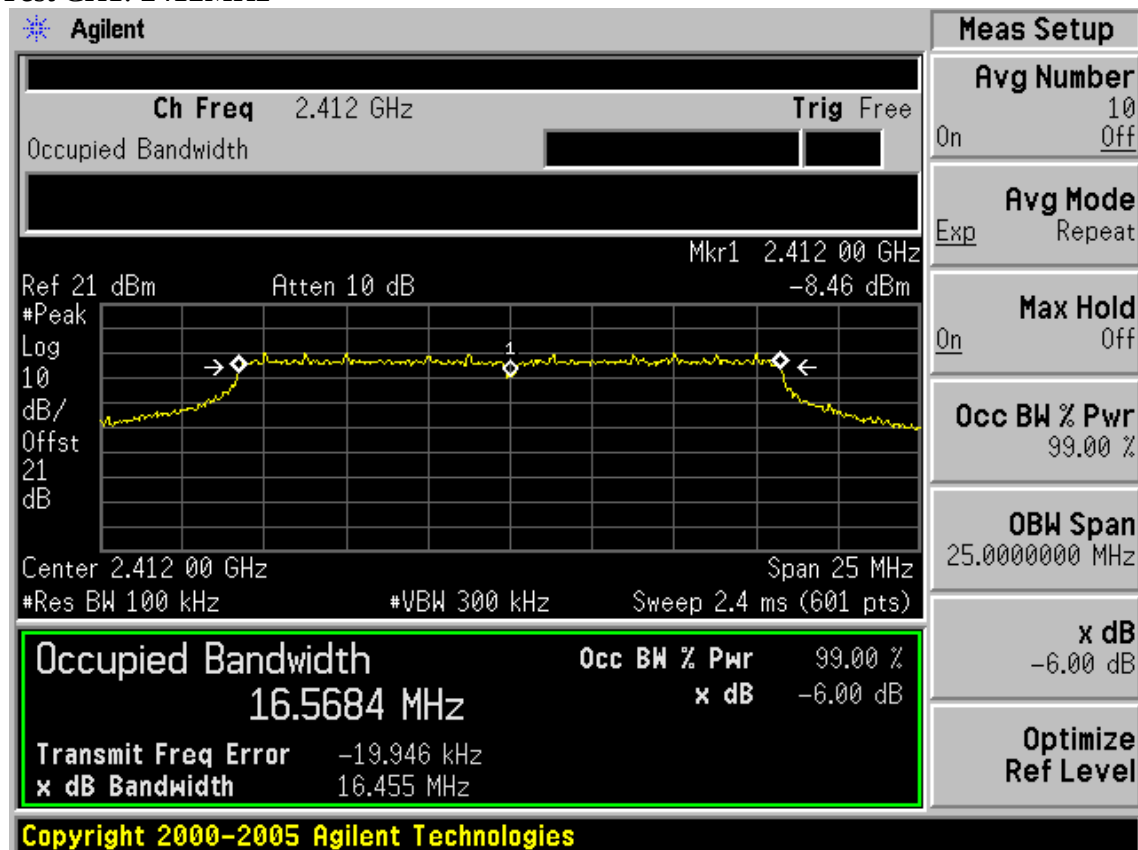


Test CH11: 2462MHz

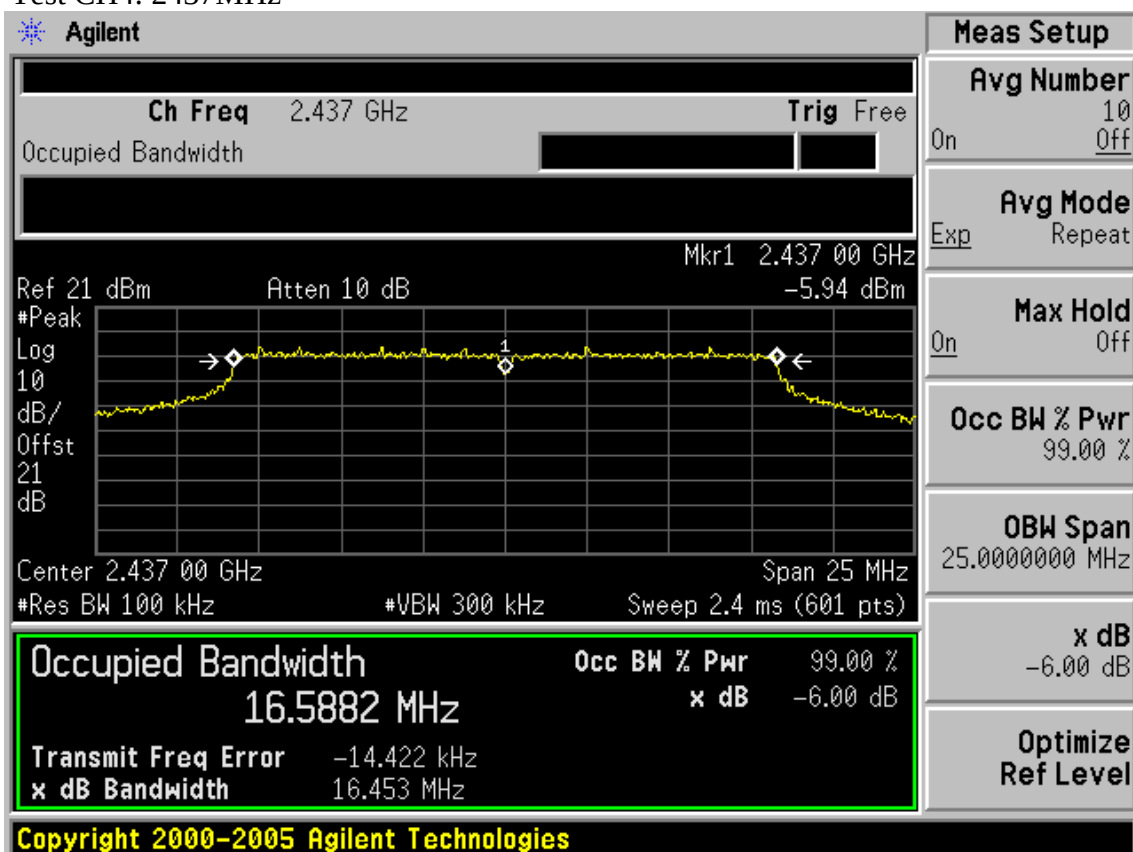


Test Mode: IEEE 802.11g TX

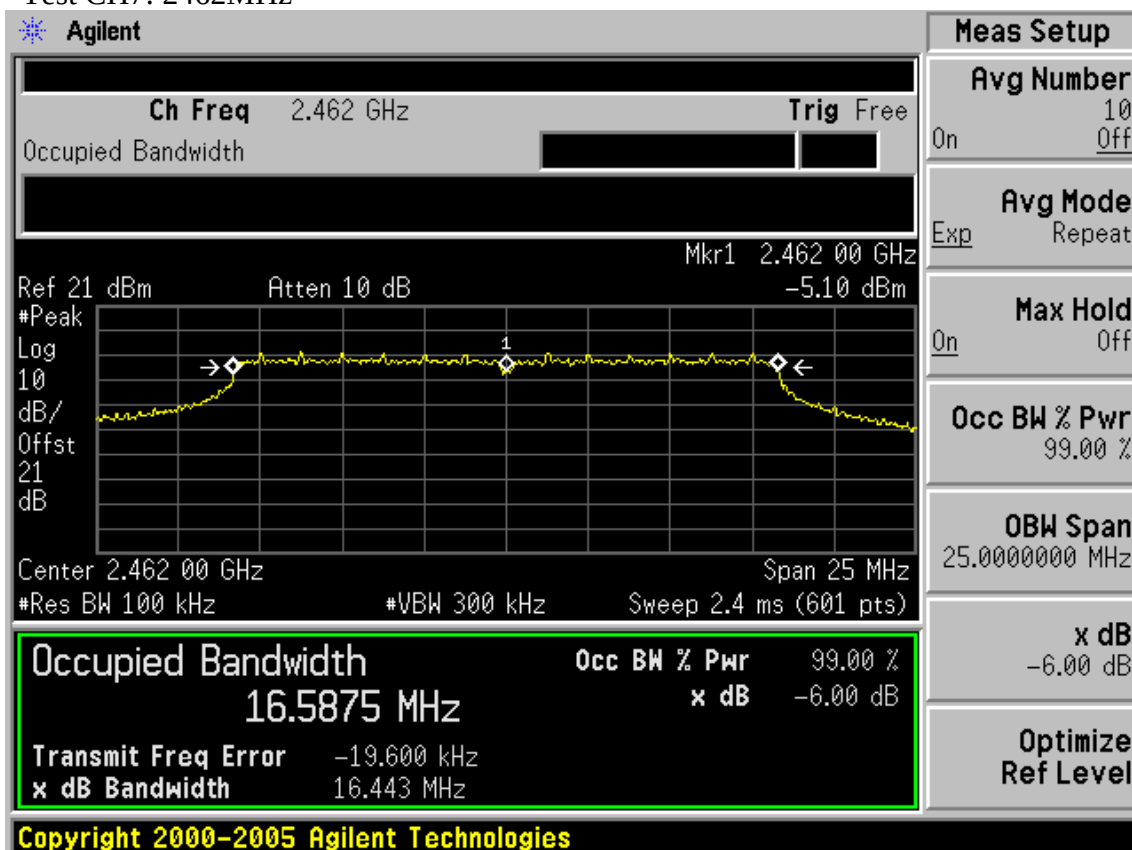
Test CH1: 2412MHz



Test CH4: 2437MHz

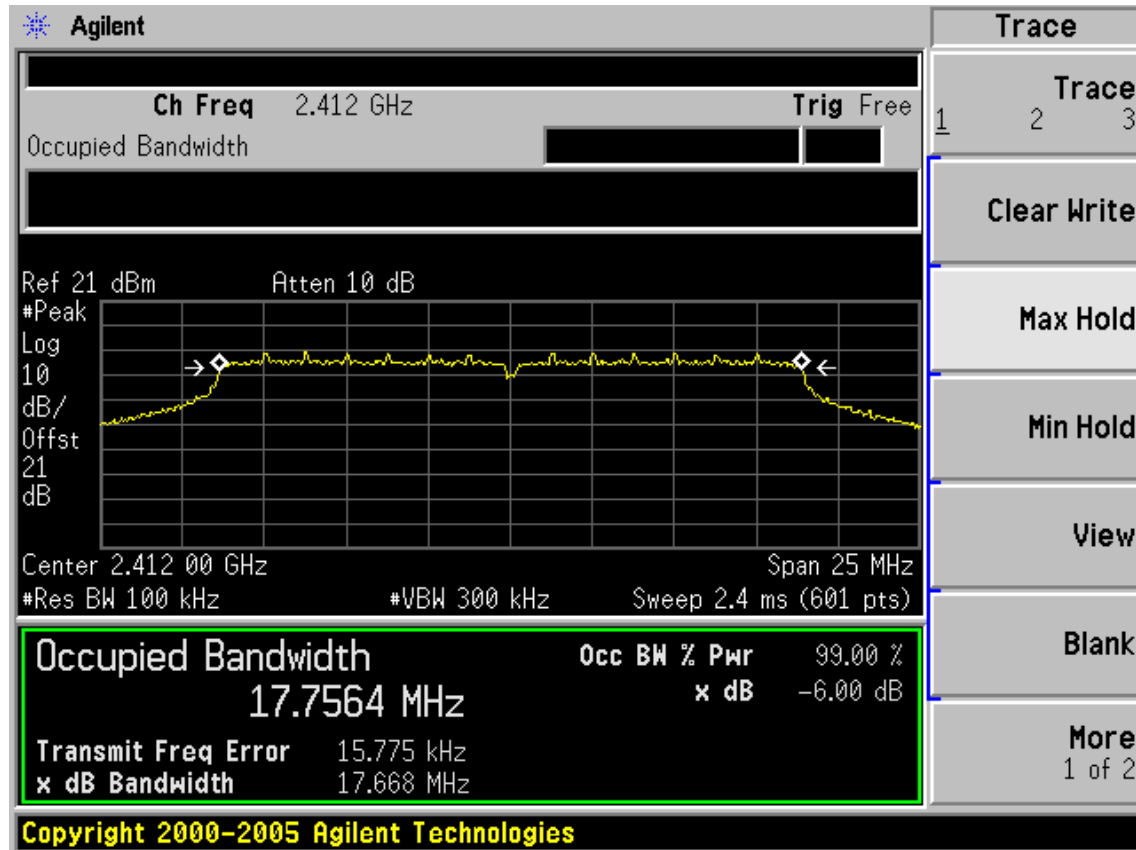


Test CH7: 2462MHz

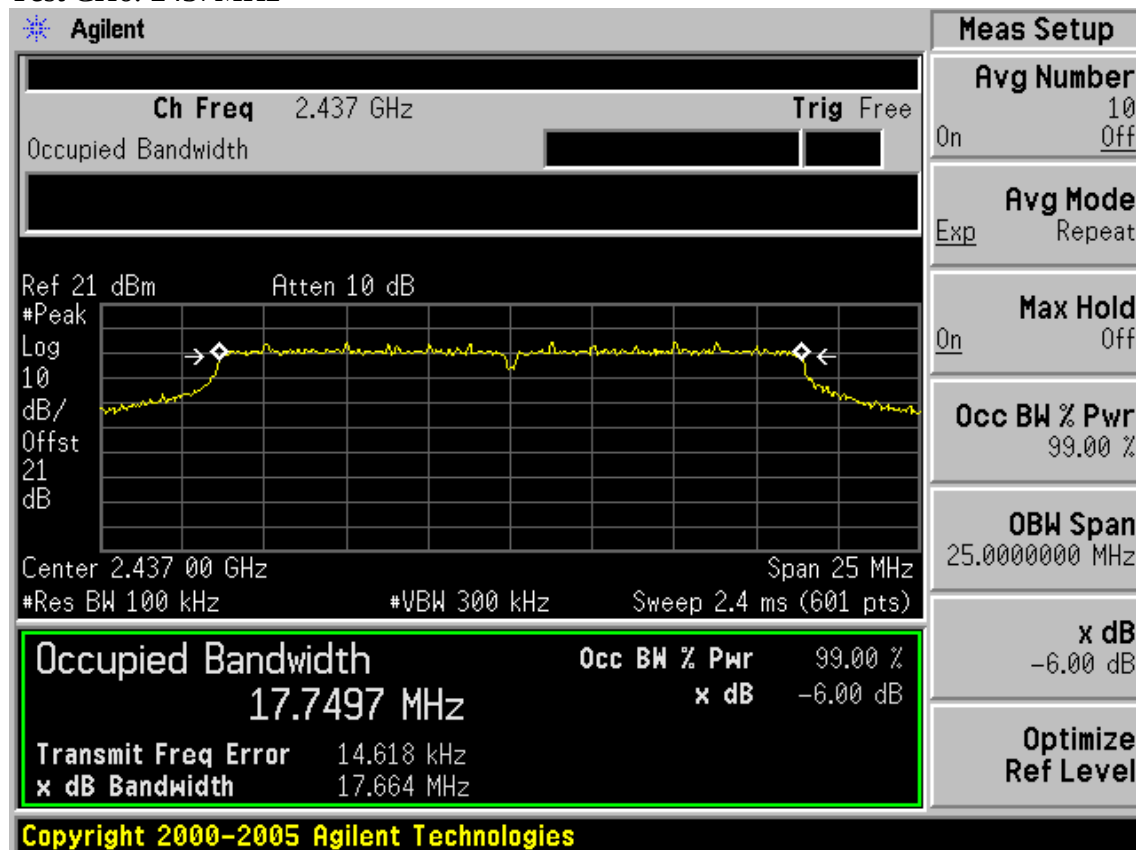


Test Mode: IEEE 11nHT20

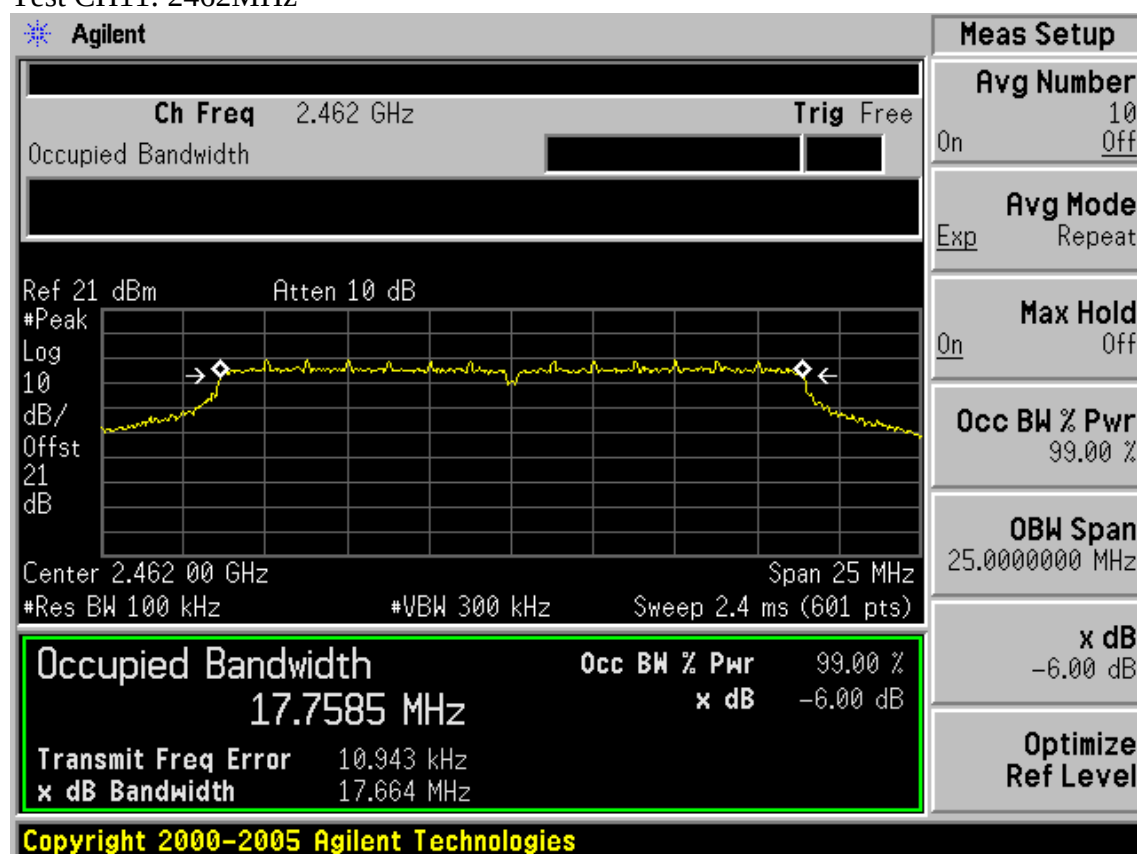
Test CH1: 2412MHz



Test CH6: 2437MHz

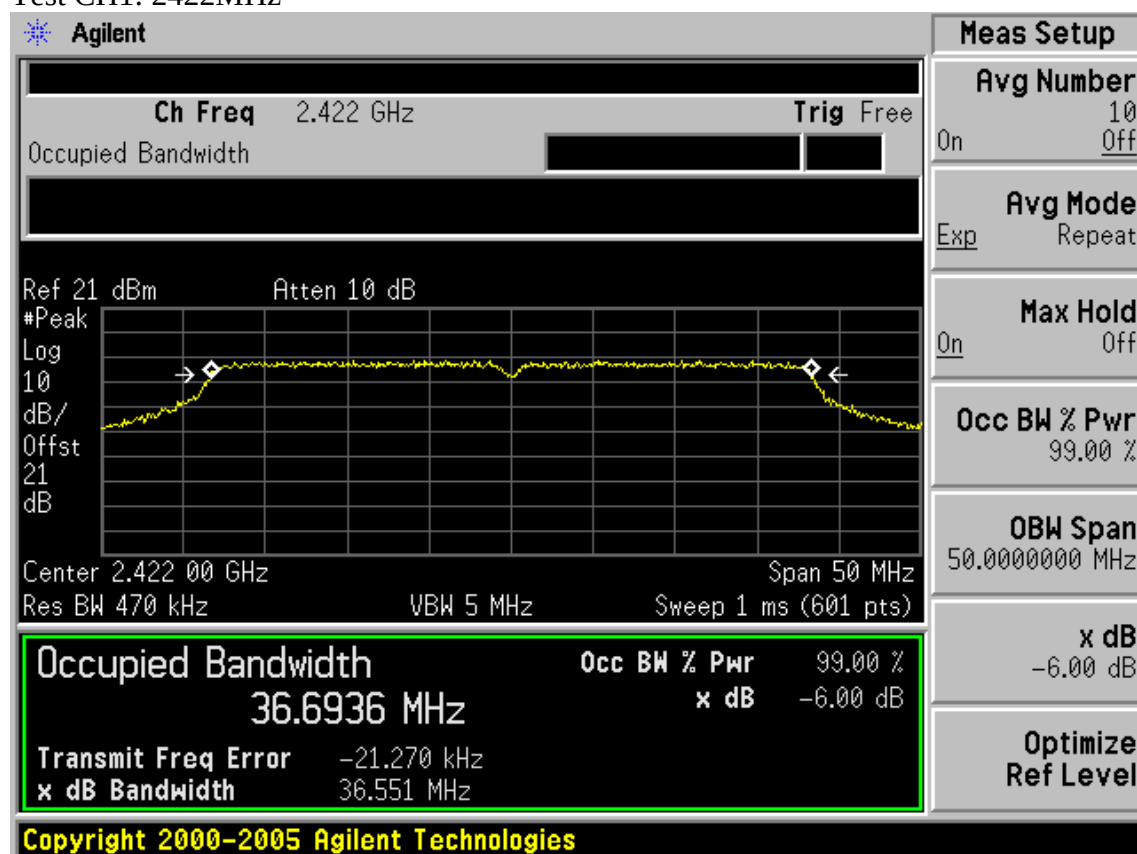


Test CH11: 2462MHz

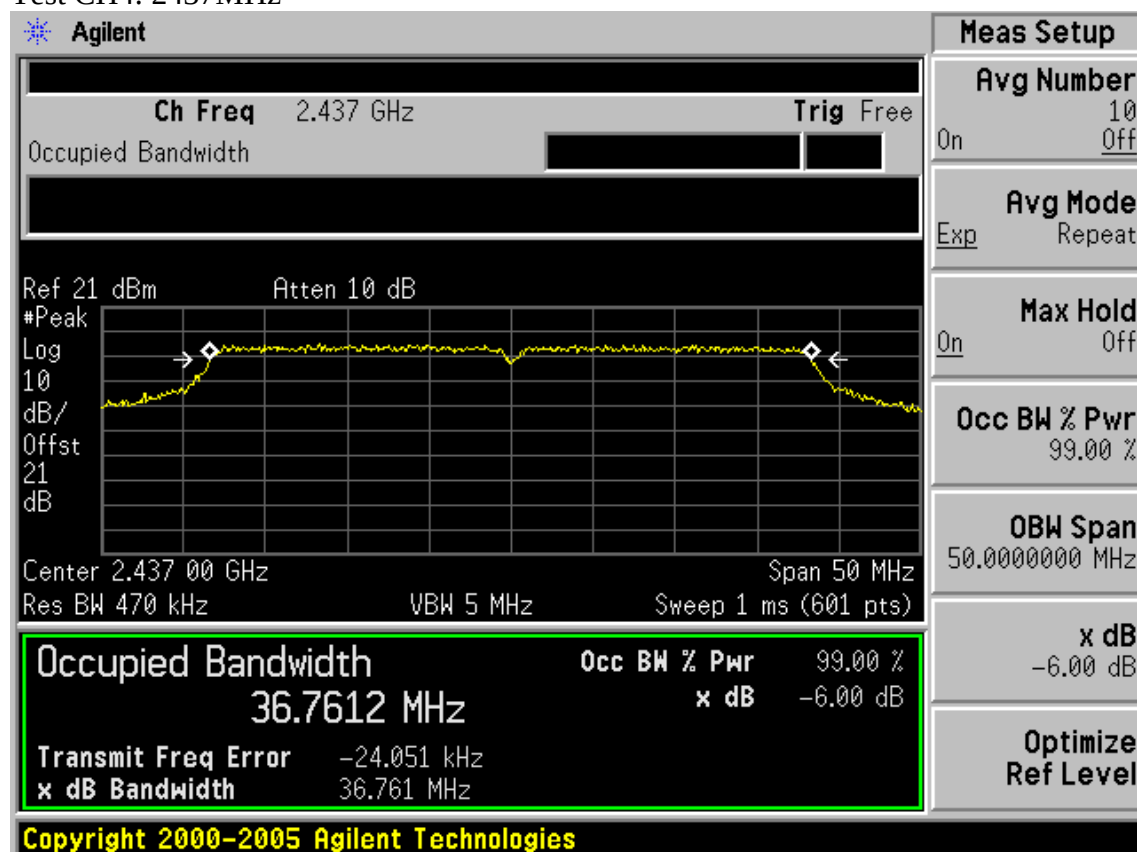


Test Mode: IEEE 11nHT40

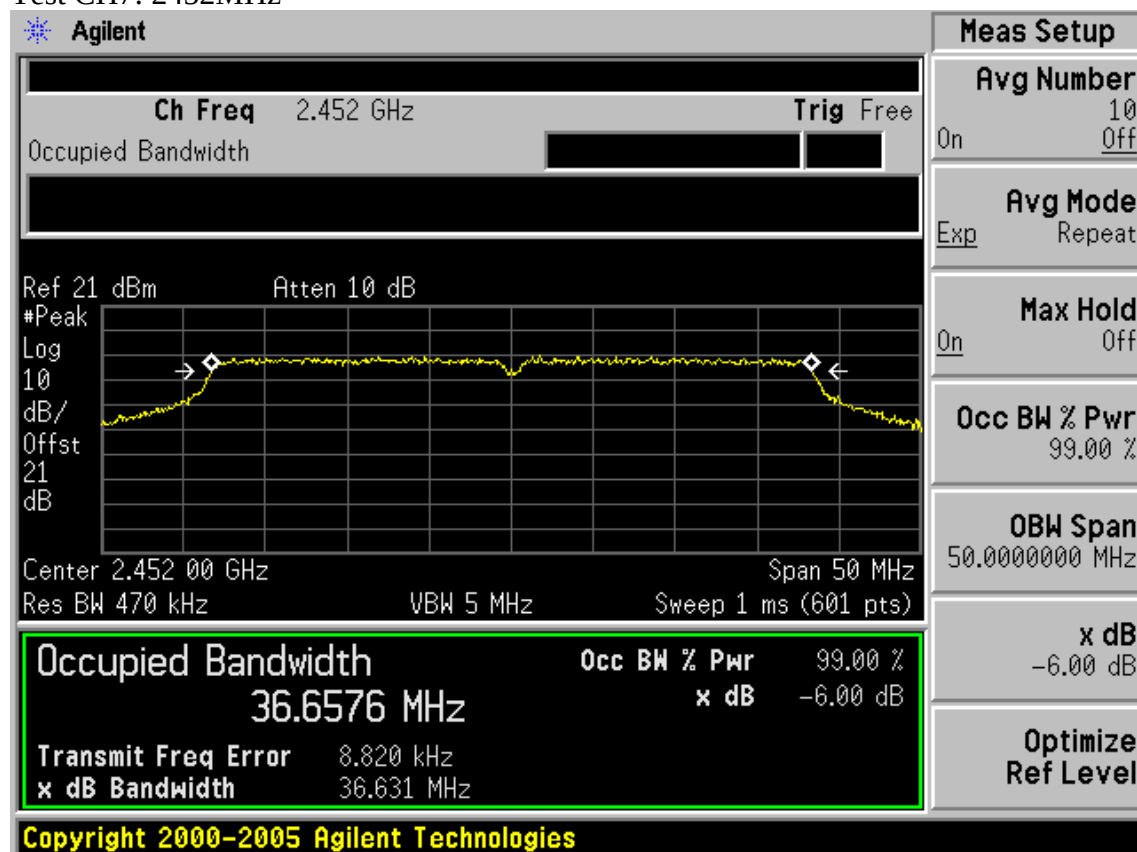
Test CH1: 2422MHz



Test CH4: 2437MHz



Test CH7: 2452MHz



8. OUTPUT POWER TEST

8.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9030A	MY51380221	Oct.31, 13	1Year
2.	Amp	HP	8449B	3008A08495	May.08, 13	1 Year
3.	Antenna	EMCO	3115	9510-4580	May.08, 13	1Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May.08, 13	1 Year
5.	Power Meter	Anritsu	ML2487A	6K00002472	May.08, 13	1Year
6.	Power Sensor	Anritsu	MA2491A	033005	May.08, 13	1Year
7.	Spectrum Analyzer	Agilent	E4446A	US44300459	May.08, 13	1 Year

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

For systems using digital modulation in the 2400—2483.5MHz, 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 20dB 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 used the test method per KDB558074.
 - 1) Set the RBW=1MHz and VBW =3MHz
 - 2) Set the span $\geq 1.5 \times$ DTS bandwidth
 - 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 DTS bandwidth edges.

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

8.4.Test Results

EUT: 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point				
M/N: TL-WA7210N				
Test date:2013-11-21		Pressure: 101.1±1.0kpa		Humidity: 52.9±3.0 %
Tested by:Leo-Li		Test site: RF site		Temperature:24.1±0.6℃
Antenna Gain:	Vertical & Horizontal Antenna: 12dBi External Antenna: 5dBi			
Cable loss: 1.0dB			Attenuator loss: 20 dB	
Antenna Type	Test Mode	CH (MHz)	Peak output Power (dBm)	Limit (dBm)
Vertical	11b	CH1	14.53	28
		CH6	17.16	28
		CH11	14.65	28
	11g	CH1	17.56	28
		CH6	22.18	28
		CH11	18.41	28
	11n HT20	CH1	17.45	28
		CH6	22.38	28
		CH11	17.65	28
	11n HT40	CH1	17.38	28
		CH4	19.59	28
		CH7	16.61	28
External	11b	CH1	13.55	30
		CH6	16.76	30
		CH11	13.57	30
	11g	CH1	16.62	30
		CH6	22.58	30
		CH11	17.44	30
	11n HT20	CH1	16.44	30
		CH6	22.31	30
		CH11	16.68	30
	11n HT40	CH1	16.43	30
		CH4	18.60	30
		CH7	15.62	30

Horizontal	11b	CH1	15.11	28
		CH6	17.65	28
		CH11	14.54	28
	11g	CH1	18.59	28
		CH6	23.11	28
		CH11	18.25	28
	11n HT20	CH1	18.29	28
		CH6	23.33	28
		CH11	18.08	28
	11n HT40	CH1	17.38	28
		CH4	19.04	28
		CH7	16.53	28
Conclusion: PASS				

Vertical

Test Mode: IEEE 11nHT40

Test CH1: 2422MHz



Test CH4: 2437MHz



Test CH7: 2452MHz



Horizontal

Test Mode: IEEE 11nHT40

Test CH1: 2422MHz



Test CH4: 2437MHz



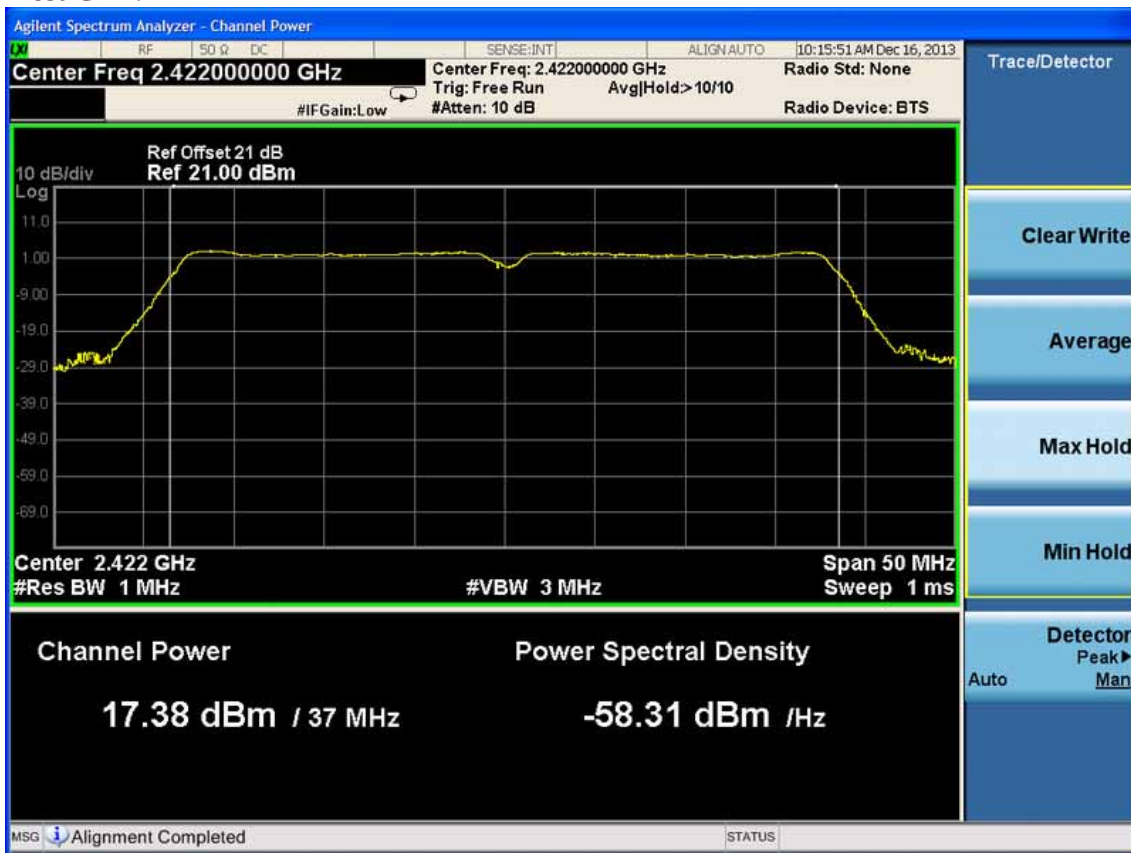
Test CH7: 2452MHz



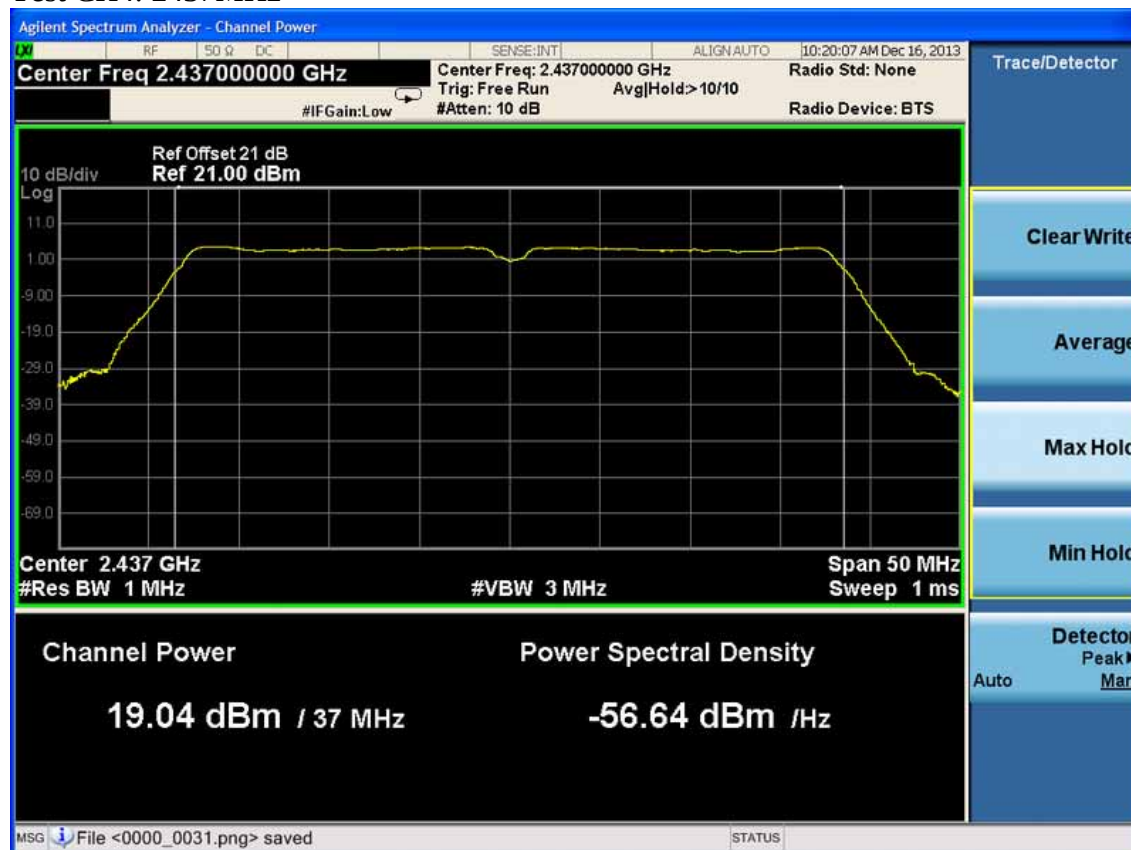
External

Test Mode: IEEE 11Nht40

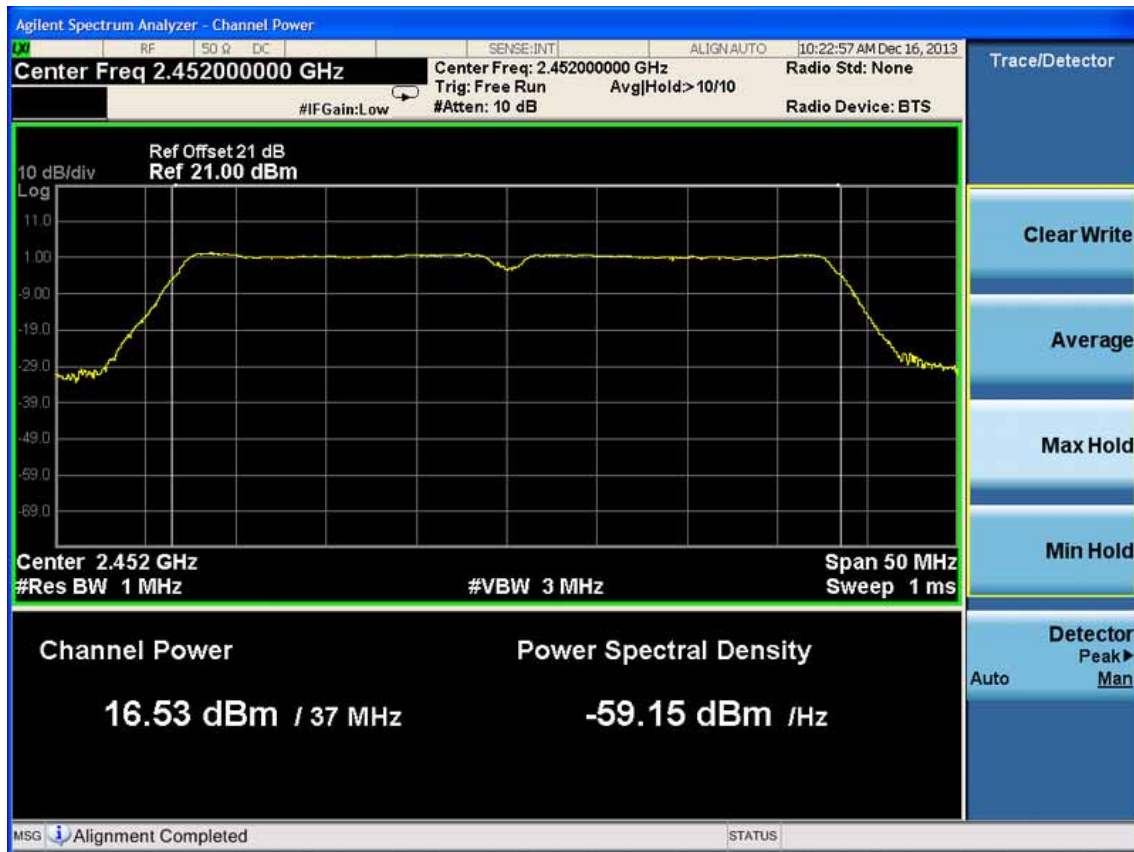
Test CH1: 2422MHz



Test CH4: 2437MHz



Test CH7: 2452MHz



9. POWER SPECTRAL DENSITY TEST

9.1. Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E4446A	US44300459	May.08, 13	1 Year
2.	Amp	HP	8449B	3008A08495	May.08, 13	1 Year
3.	Antenna	EMCO	3115	9607-4580	Aug.28, 13	1Year
4.	HF Cable	Hubersuhne	Sucoflex104	-	May.08, 13	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 chain's Power density.

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

9.4.Test Results

EUT:2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point		
M/N: TL-WA7210N		
Test date:2013-11-29	Pressure: 101.2±1. 0kpa	Humidity: 52.1±3. 0 %
Tested by: Leo-Li	Test site: RF site	Temperature:23.6±0. 6 °C
Antenna Gain	Vertical&Horizontal Antenna: 12dBi	External Antenna: 5dBi

Duty cycle X: 100%				
Antenna Type	Test Mode	CH	Result	Limit
			(dBm/3KHz)	(dBm/3KHz)
Horizontal	11b	CH1	-9.96	6
		CH6	-7.85	6
		CH11	-11.74	6
	11g	CH1	-10.50	6
		CH6	-8.27	6
		CH11	-15.86	6
	11n HT20	CH1	-14.52	6
		CH6	-8.54	6
		CH11	-14.74	6
	11n HT40	CH1	-17.19	6
		CH4	-10.50	6
		CH7	-12.32	6
External	11b	CH1	-7.91	8
		CH6	-8.24	8
		CH11	-7.98	8
	11g	CH1	-9.66	8
		CH6	-6.66	8
		CH11	-8.56	8
	11n HT20	CH1	-10.60	8
		CH6	-8.47	8
		CH11	-10.42	8
	11n HT40	CH1	-12.16	8
		CH4	-10.65	8
		CH7	-13.43	8

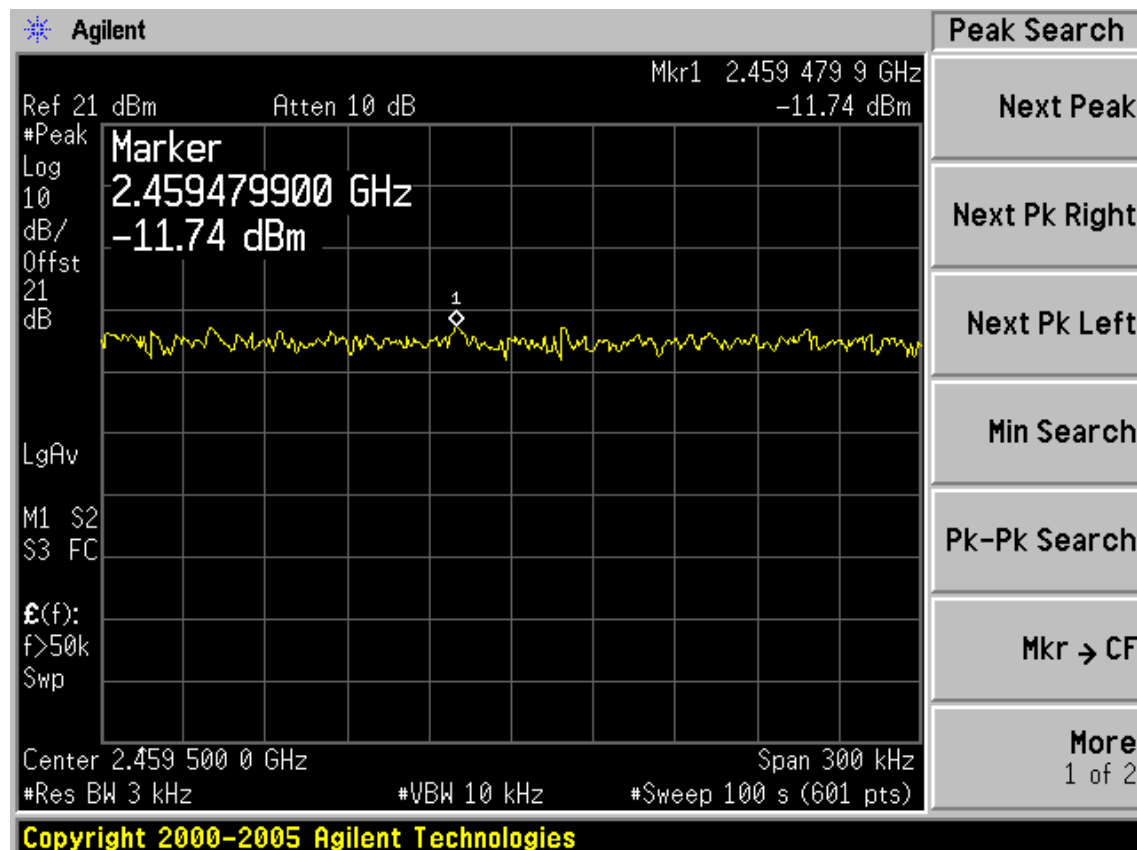
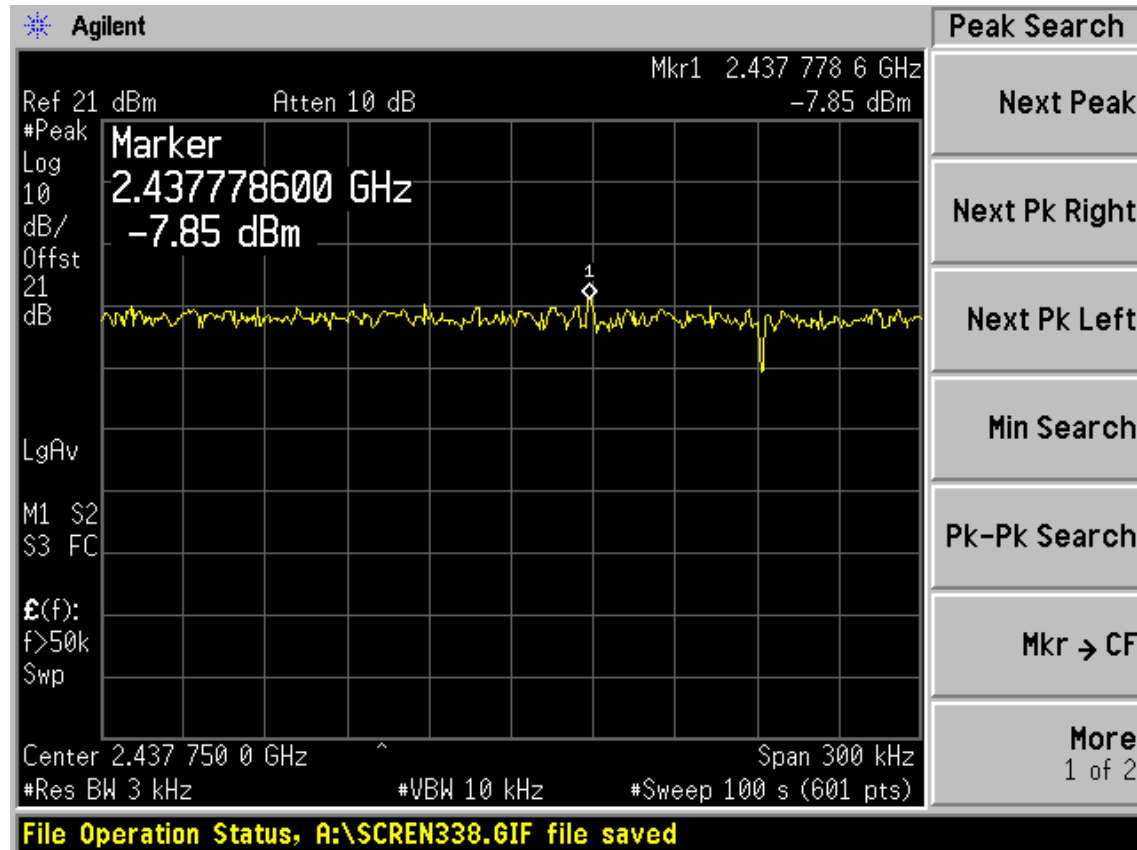
Vertical	11b	CH1	-12.07	6
		CH6	-12.20	6
		CH11	-12.50	6
	11g	CH1	-15.41	6
		CH6	-12.03	6
		CH11	-16.03	6
	11n HT20	CH1	-16.63	6
		CH6	-9.16	6
		CH11	-14.88	6
	11n HT40	CH1	-19.64	6
		CH4	-12.87	6
		CH7	-15.42	6

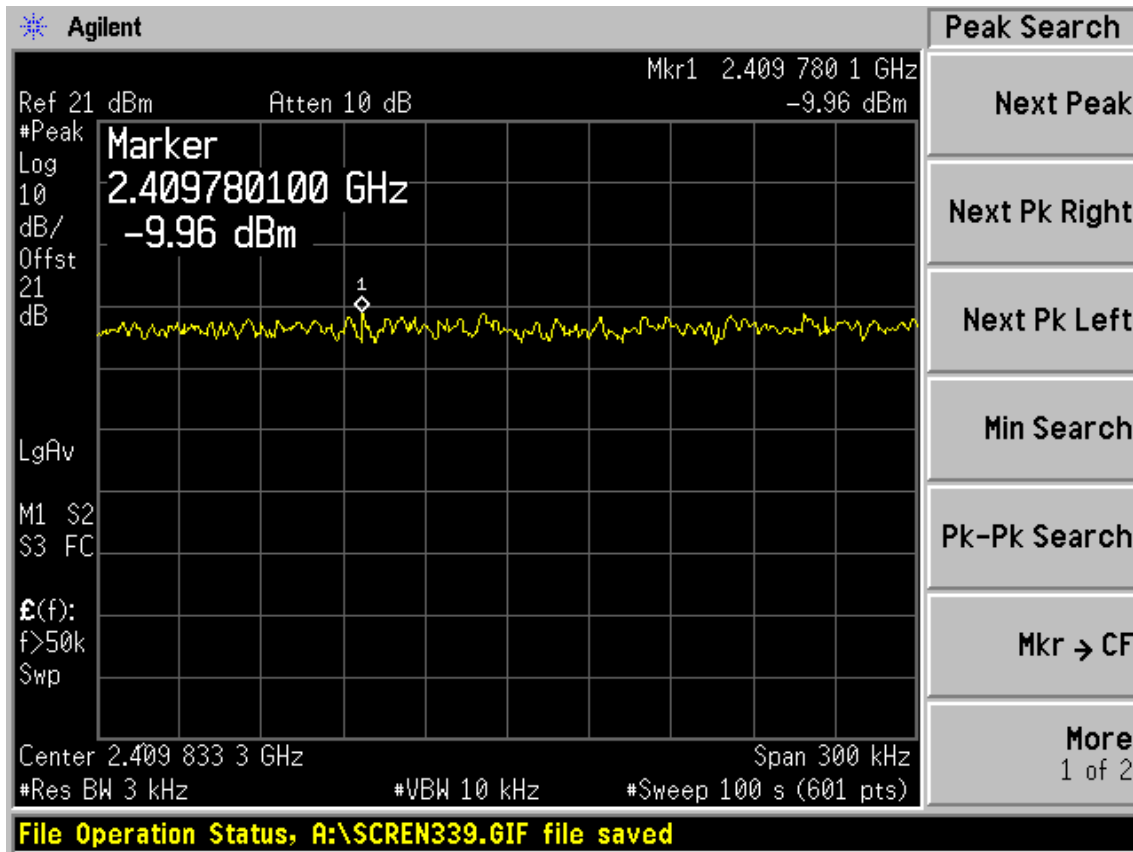
Conclusion: Pass

Note: For transmitter(P2P) employed antennas with directional gain greater than 6dBi, the maximum conducted output power should be reduced by 1dB for every 3dB that the directional gain of the antenna exceed 6dBi, also this method will be used to determine the power spectrum density.

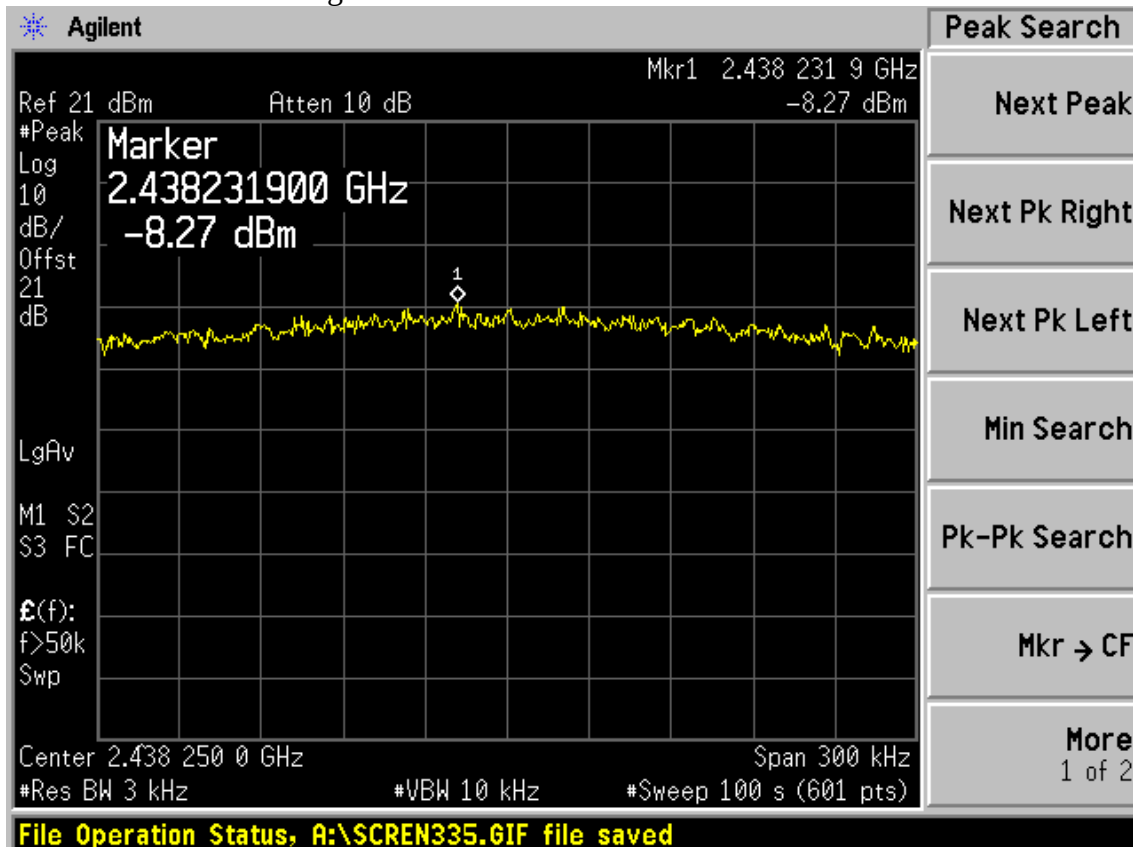
Horizontal

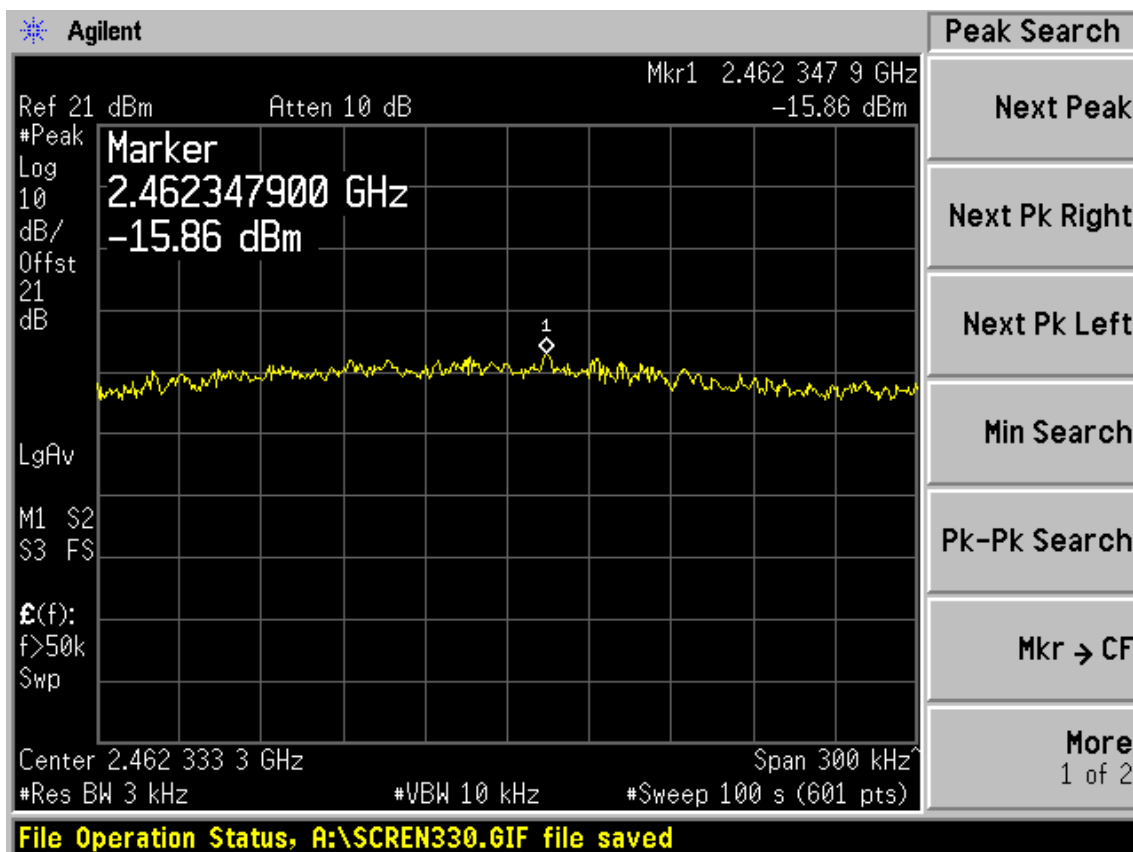
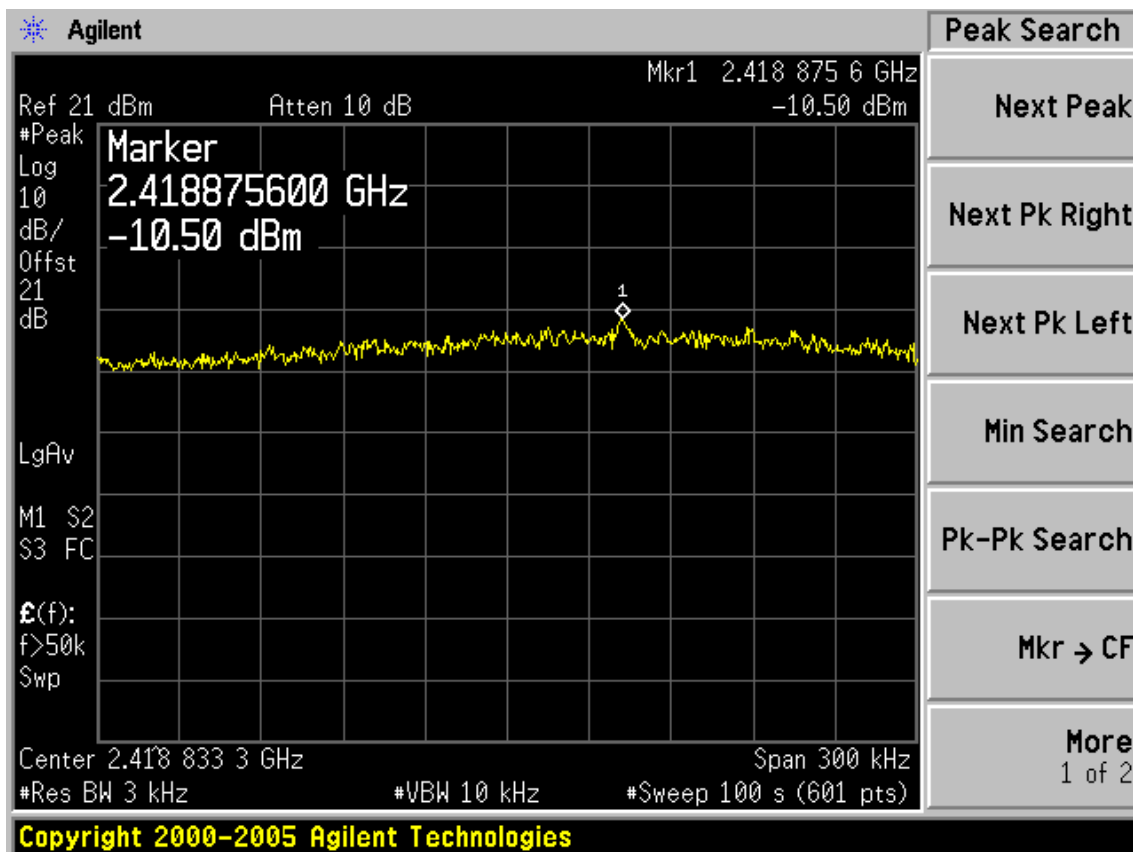
Test Mode: IEEE 802.11b TX



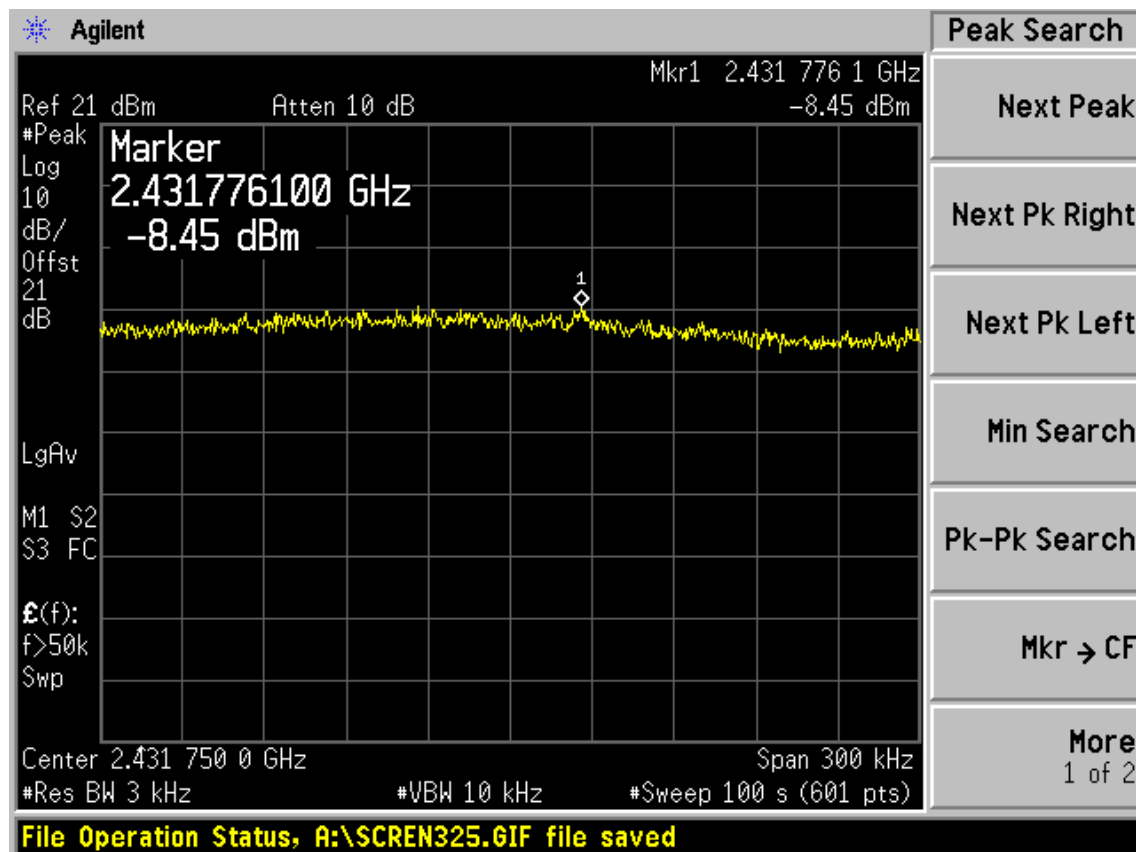
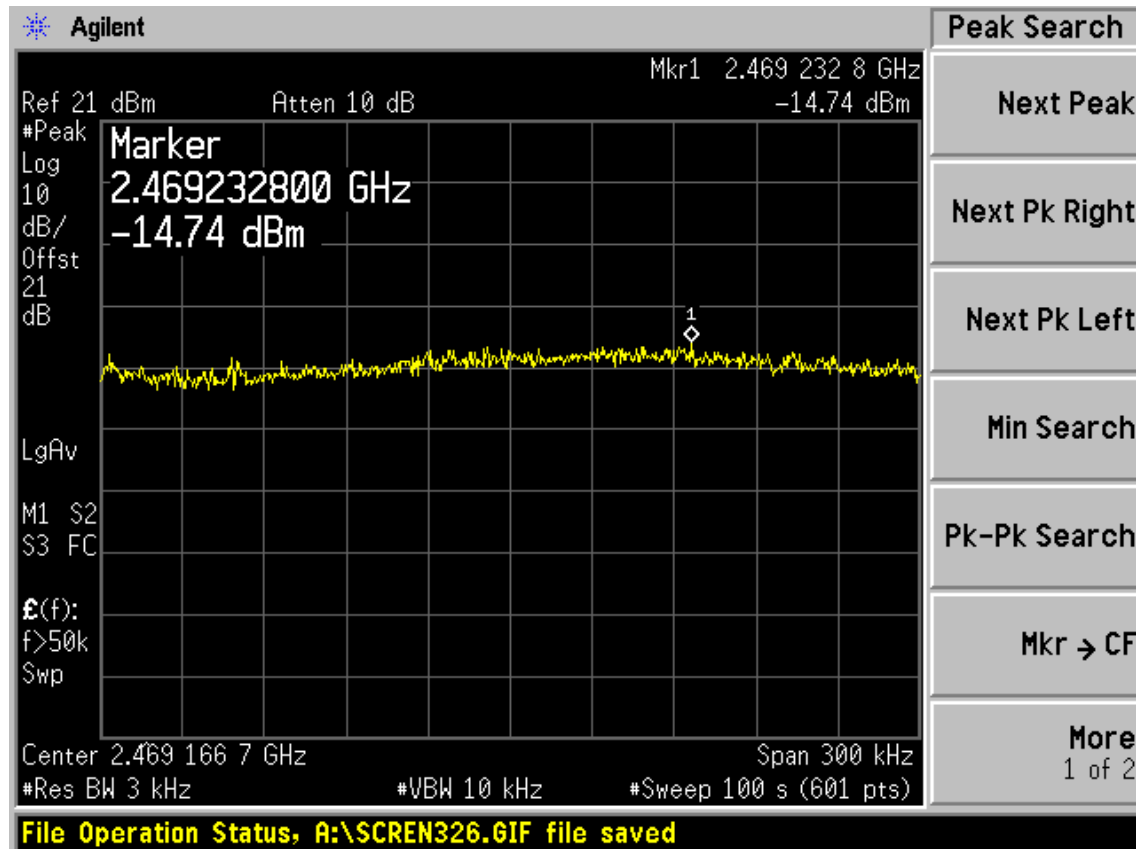


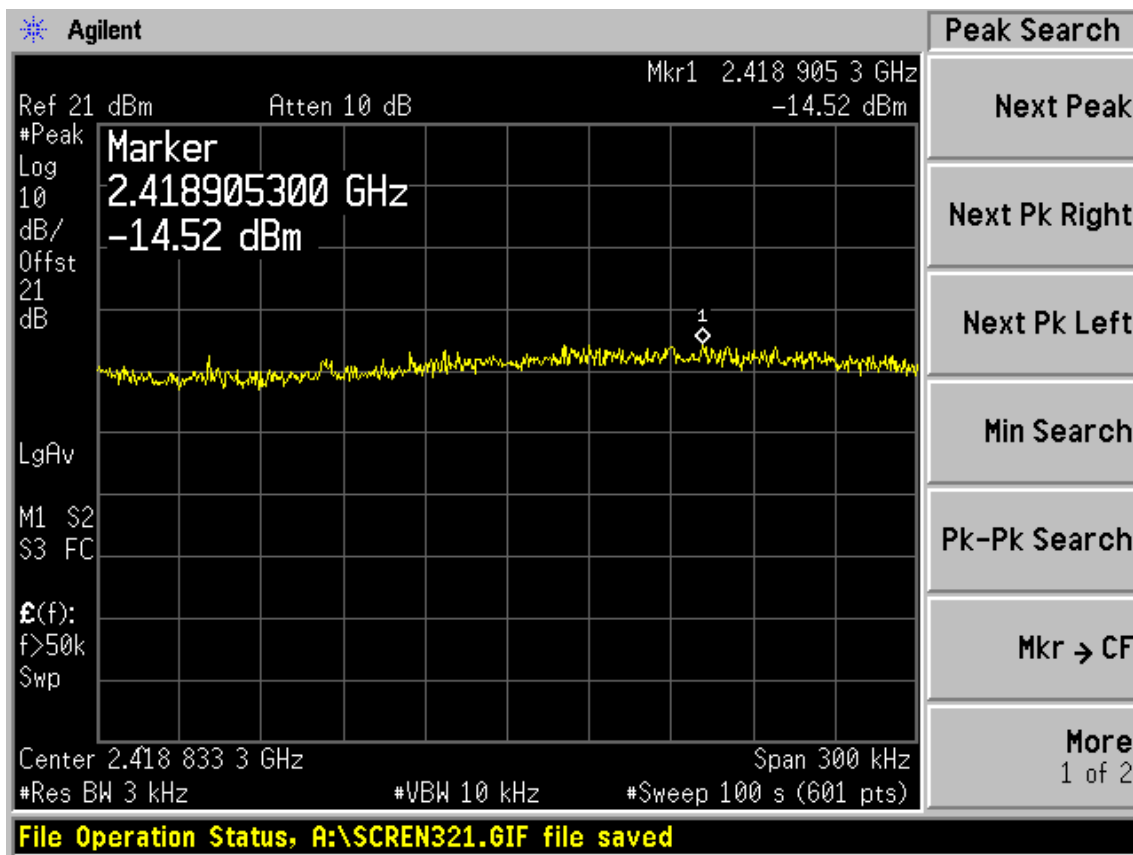
Test Mode: IEEE 802.11g TX



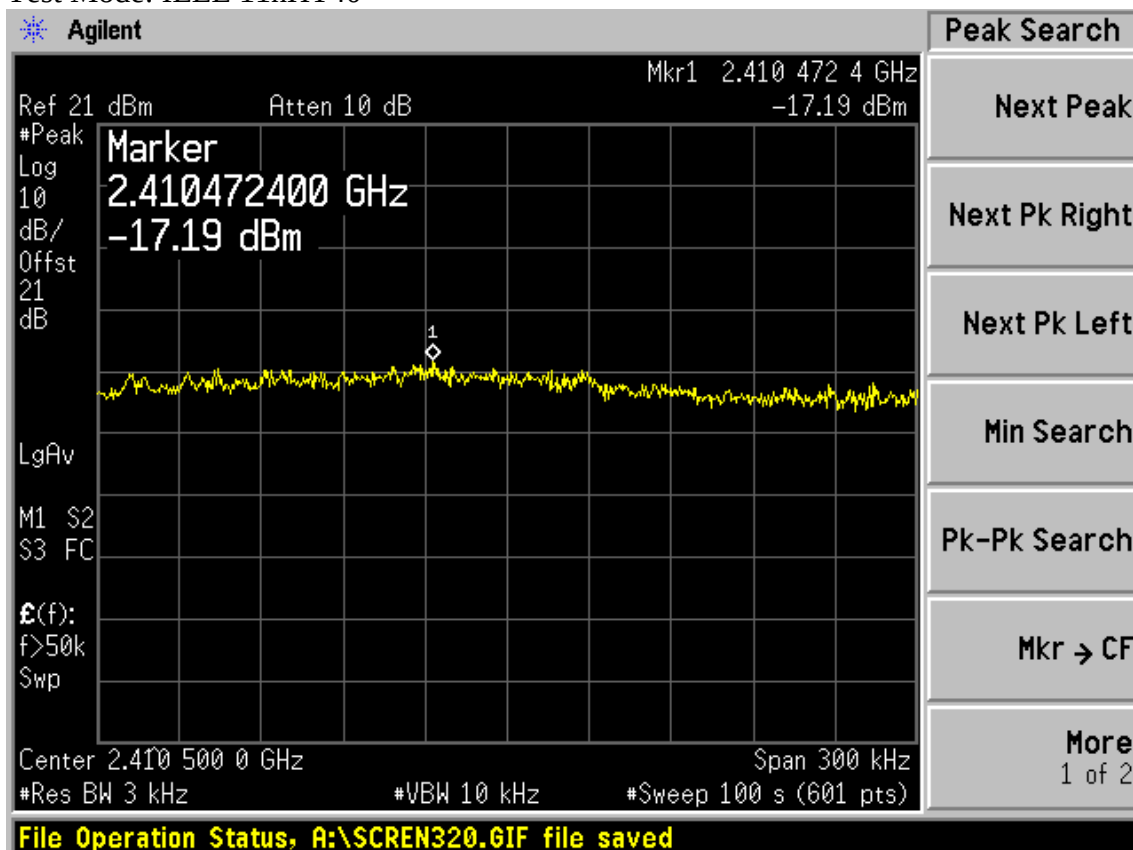


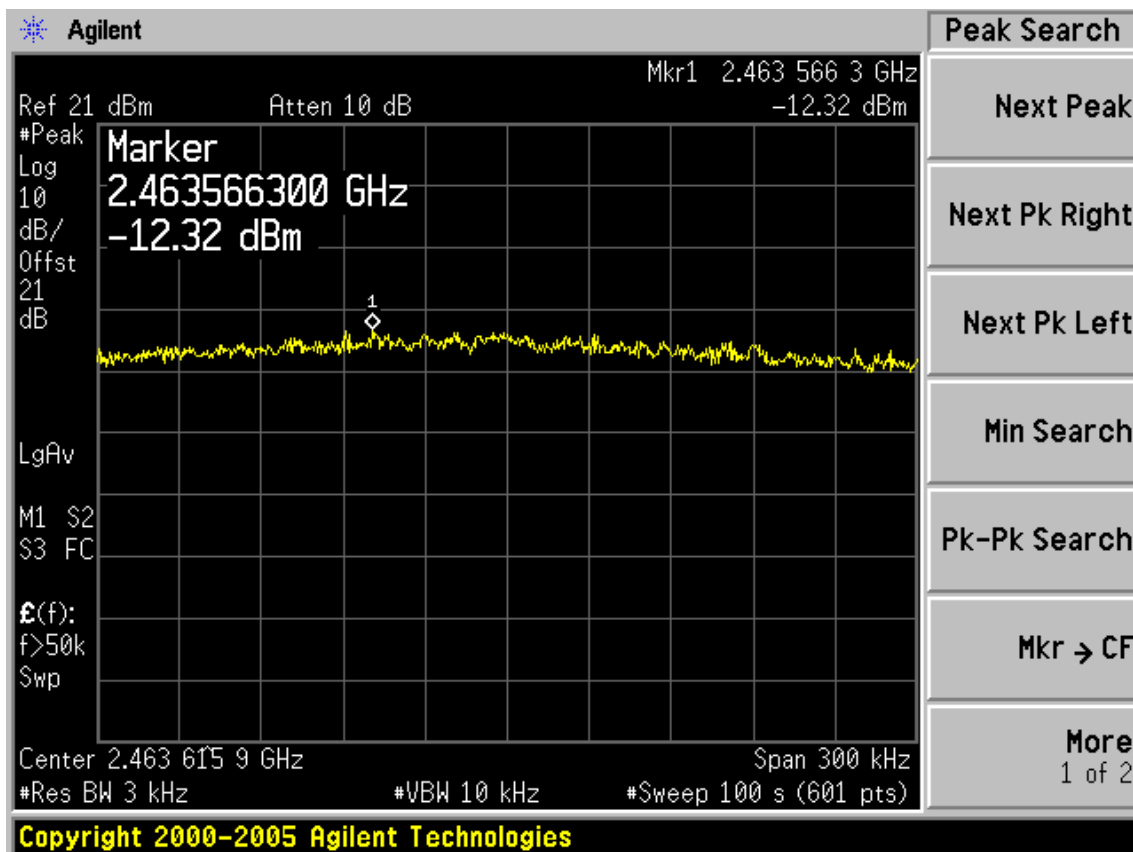
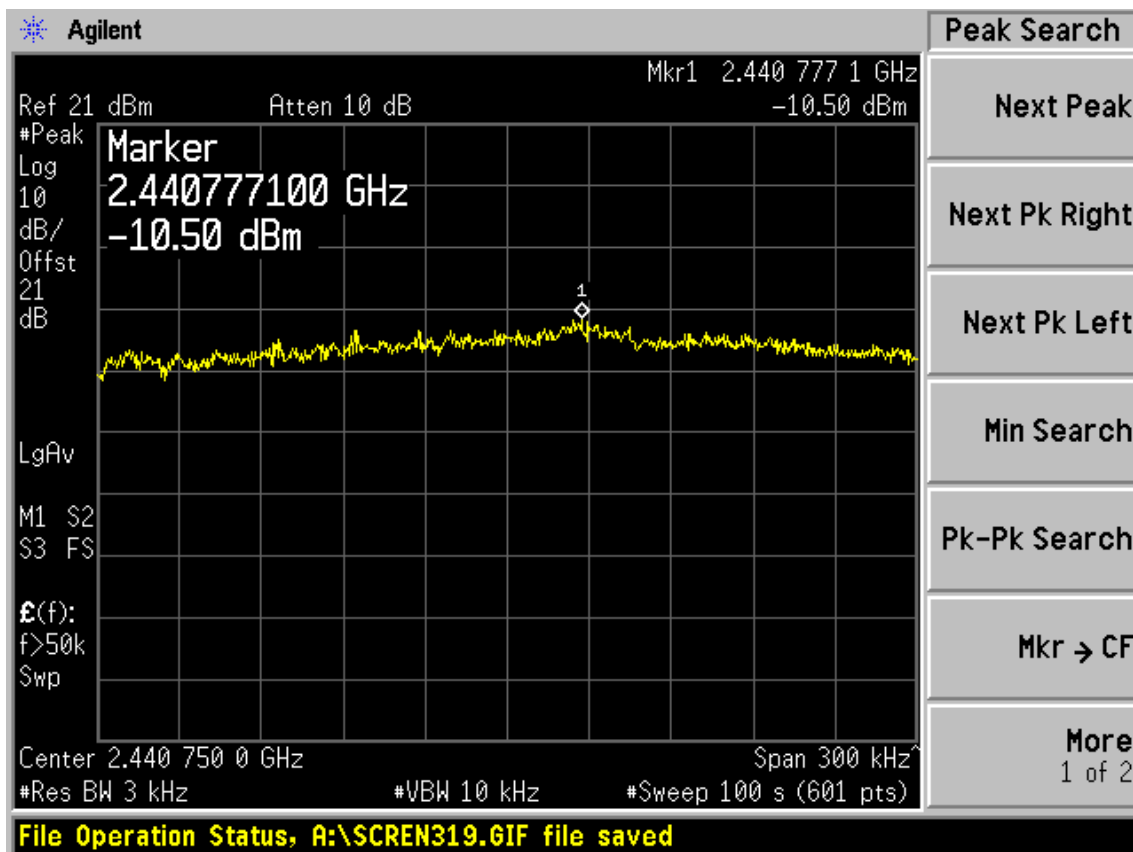
Test Mode: IEEE 11nHT20





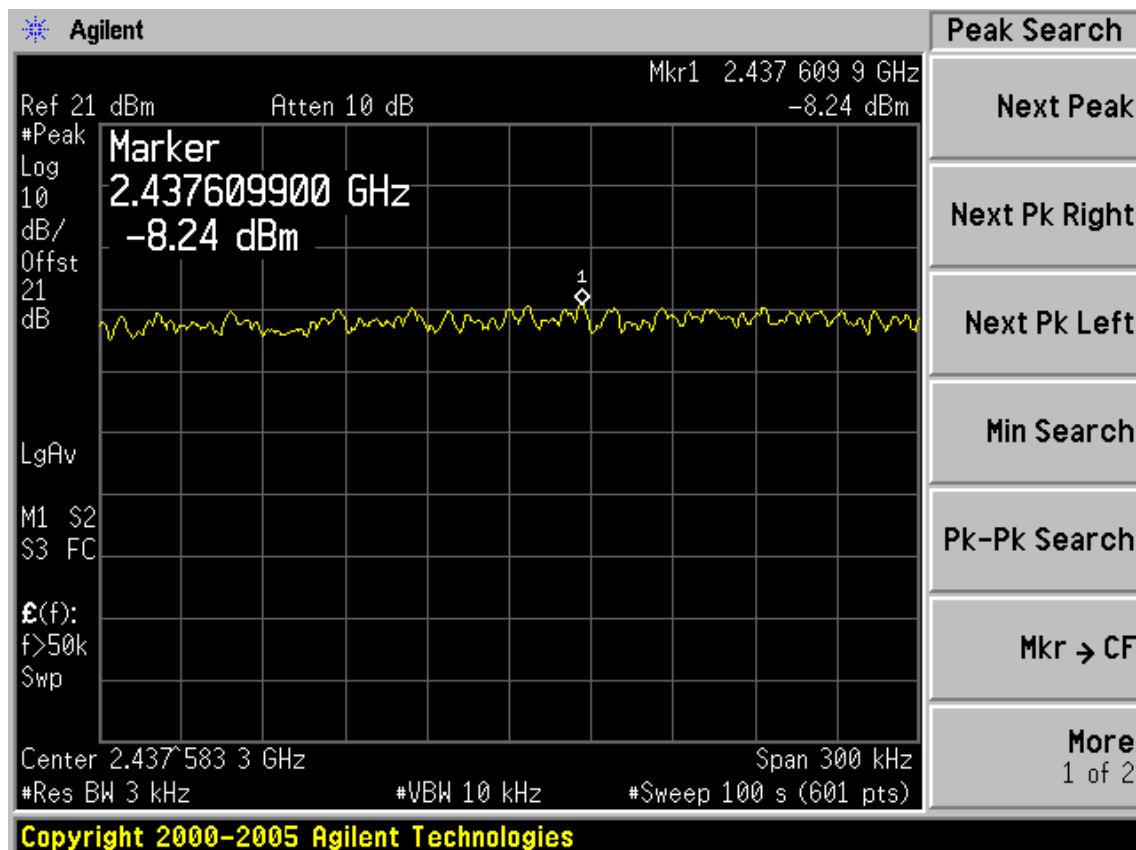
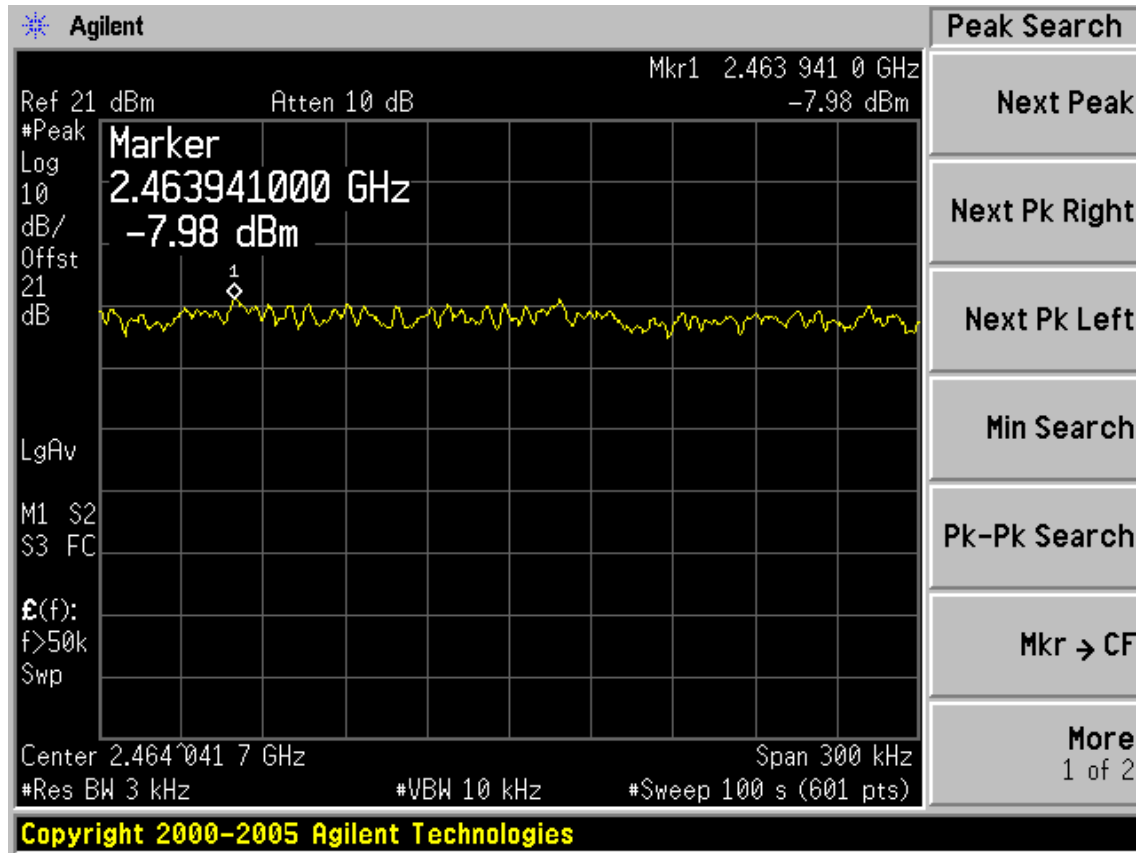
Test Mode: IEEE 11nHT40

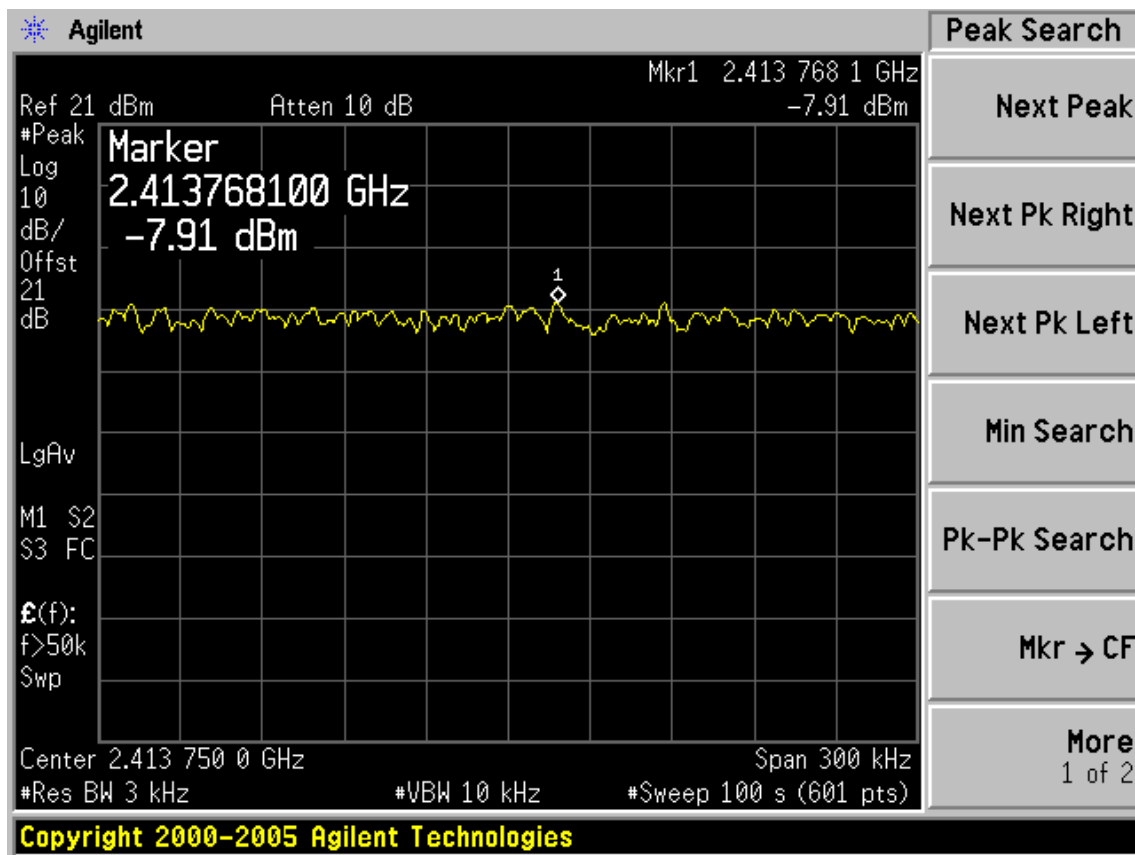




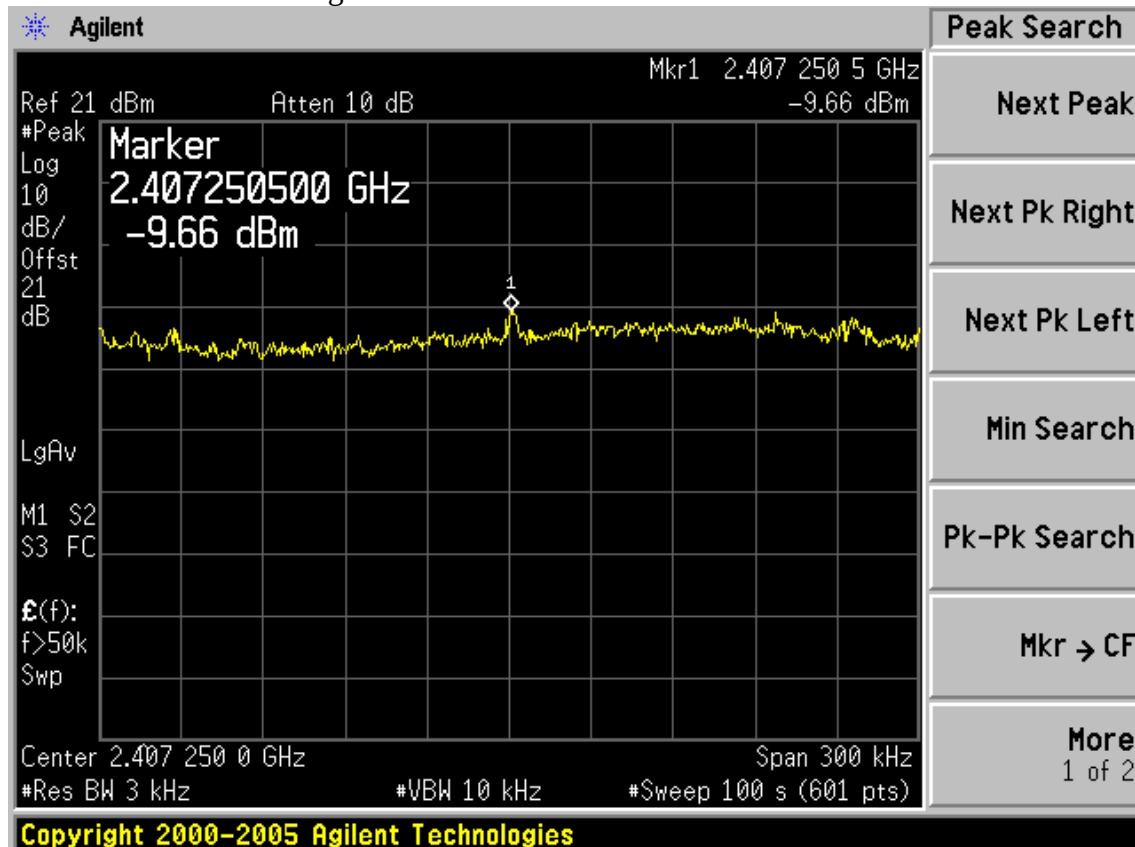
External

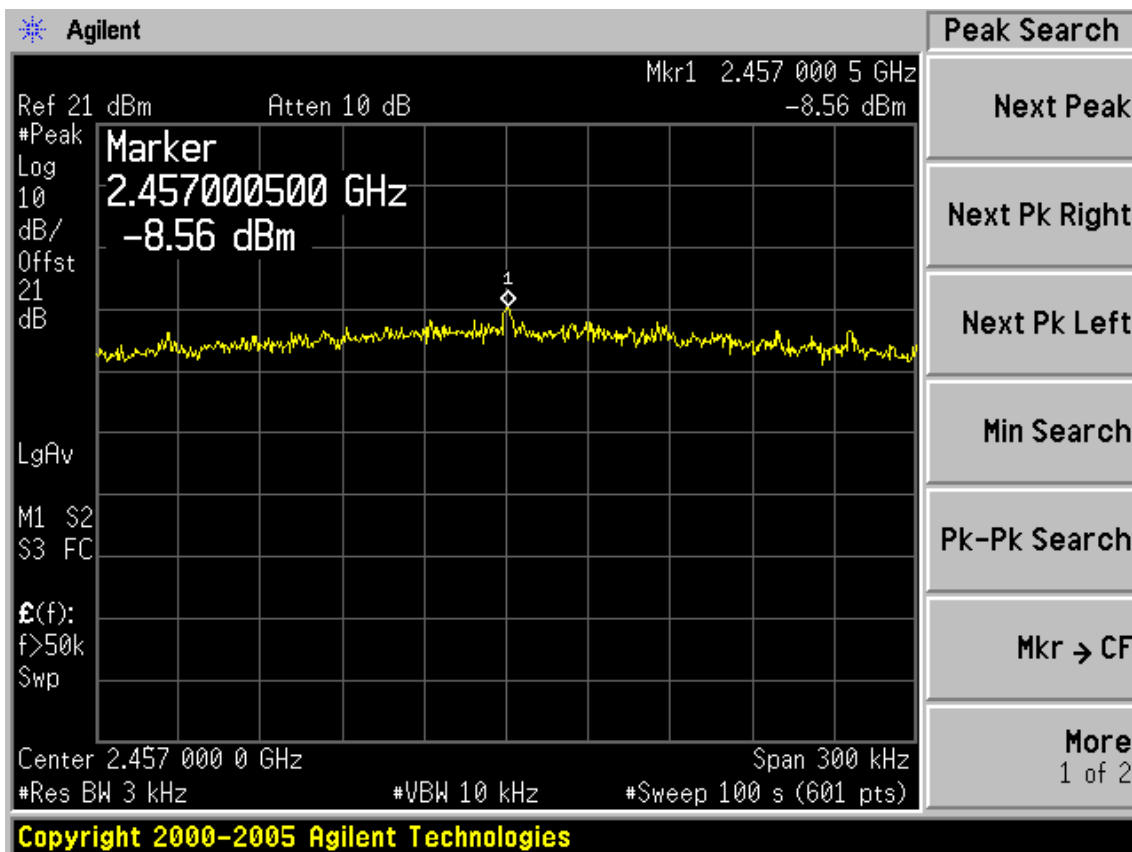
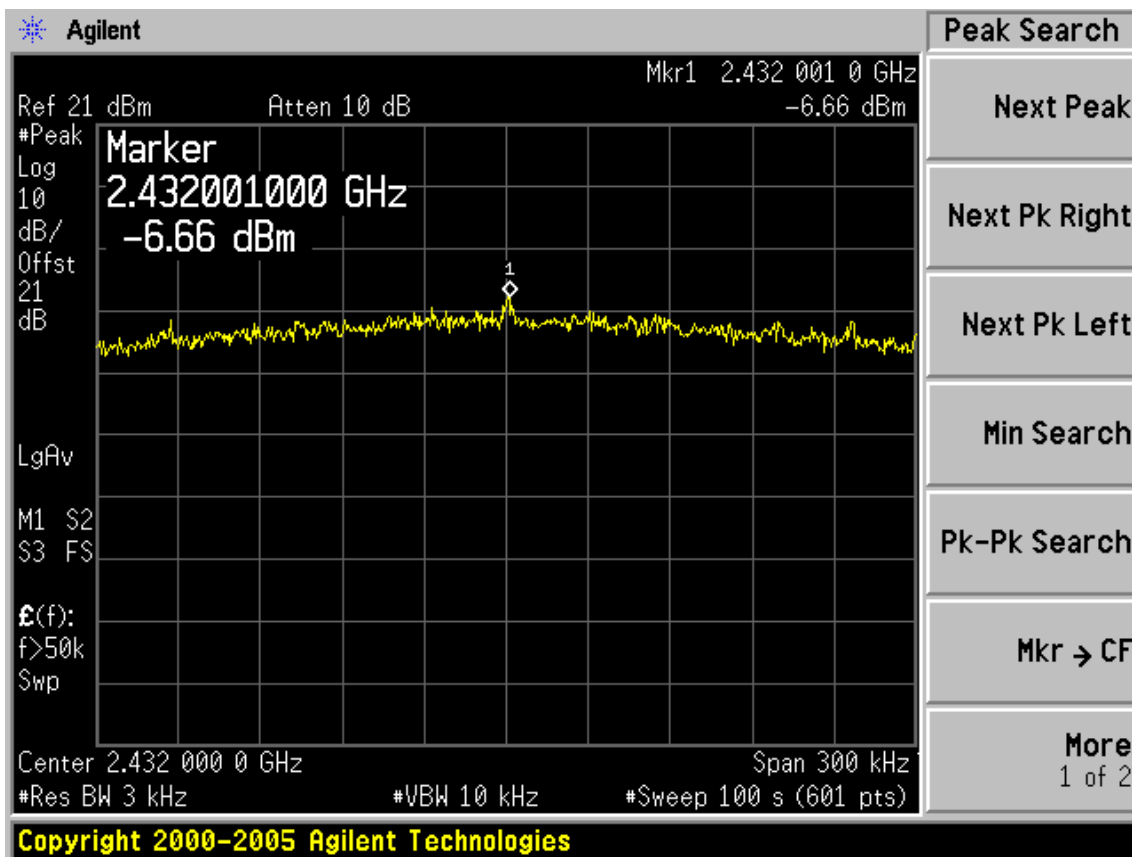
Test Mode: IEEE 802.11b TX



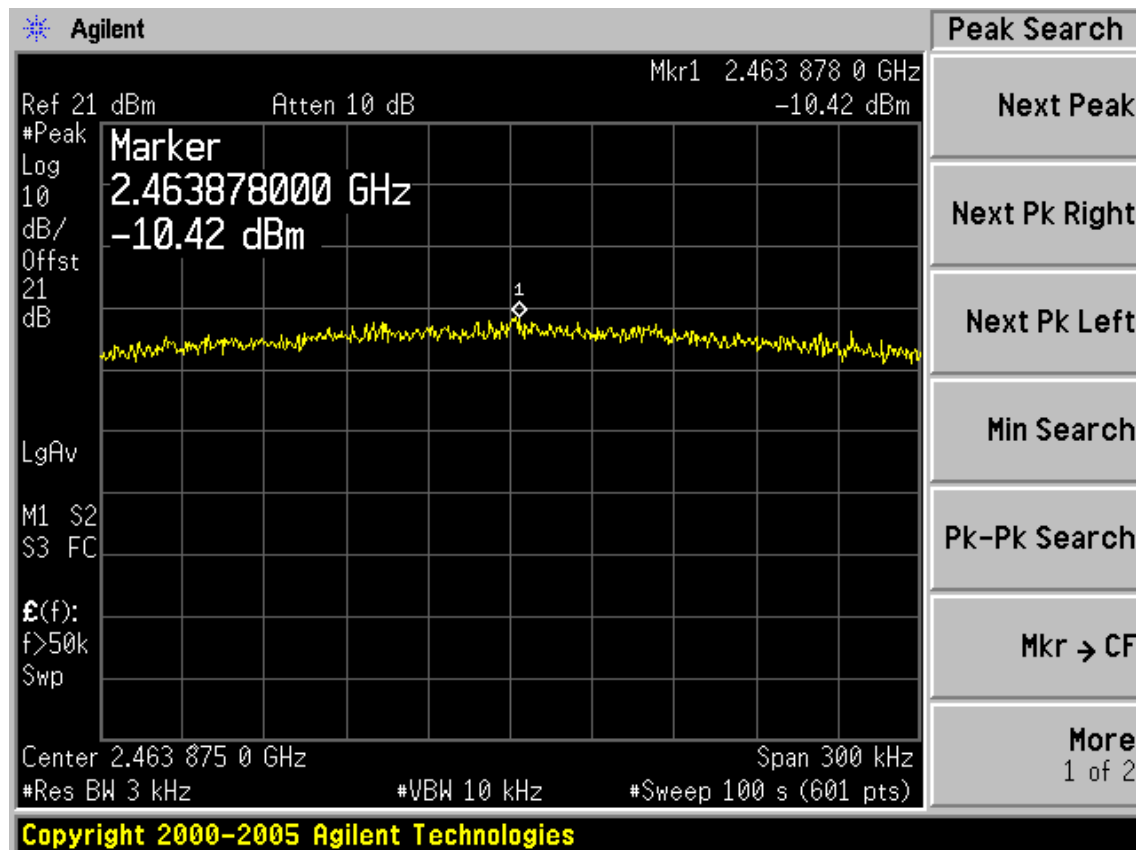
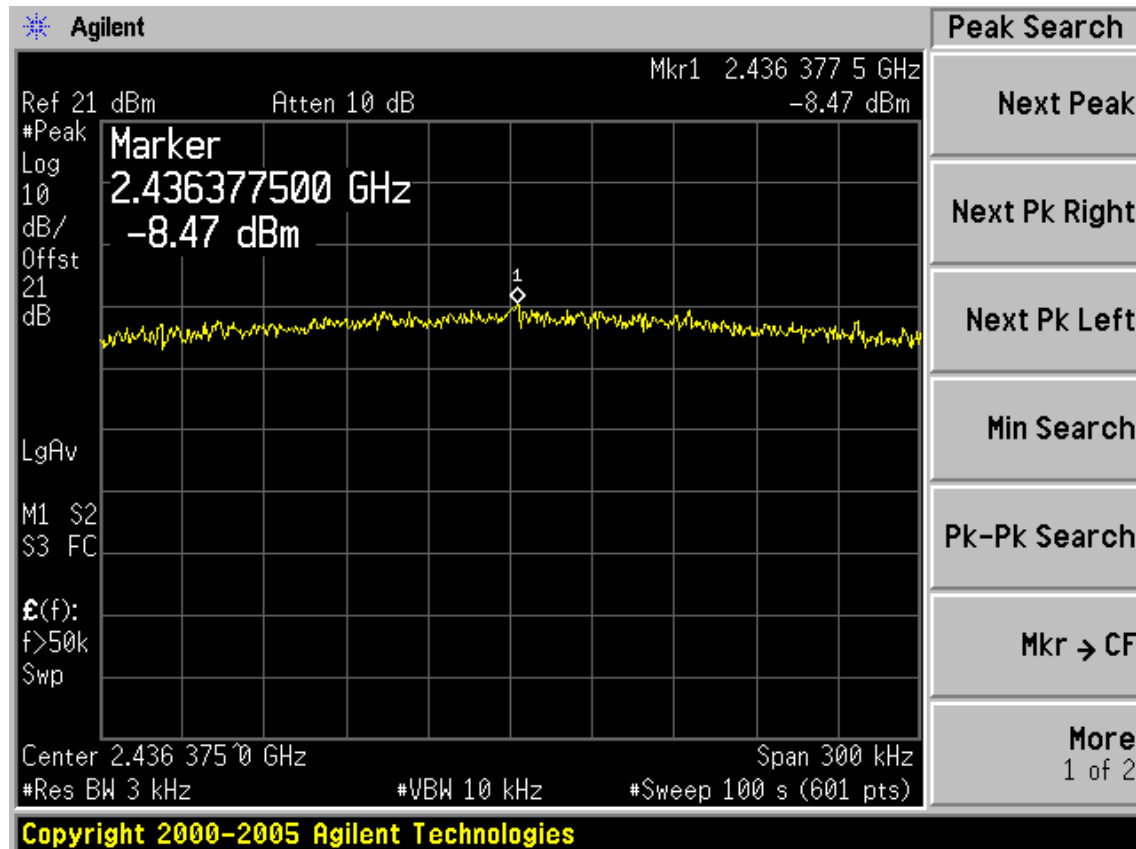


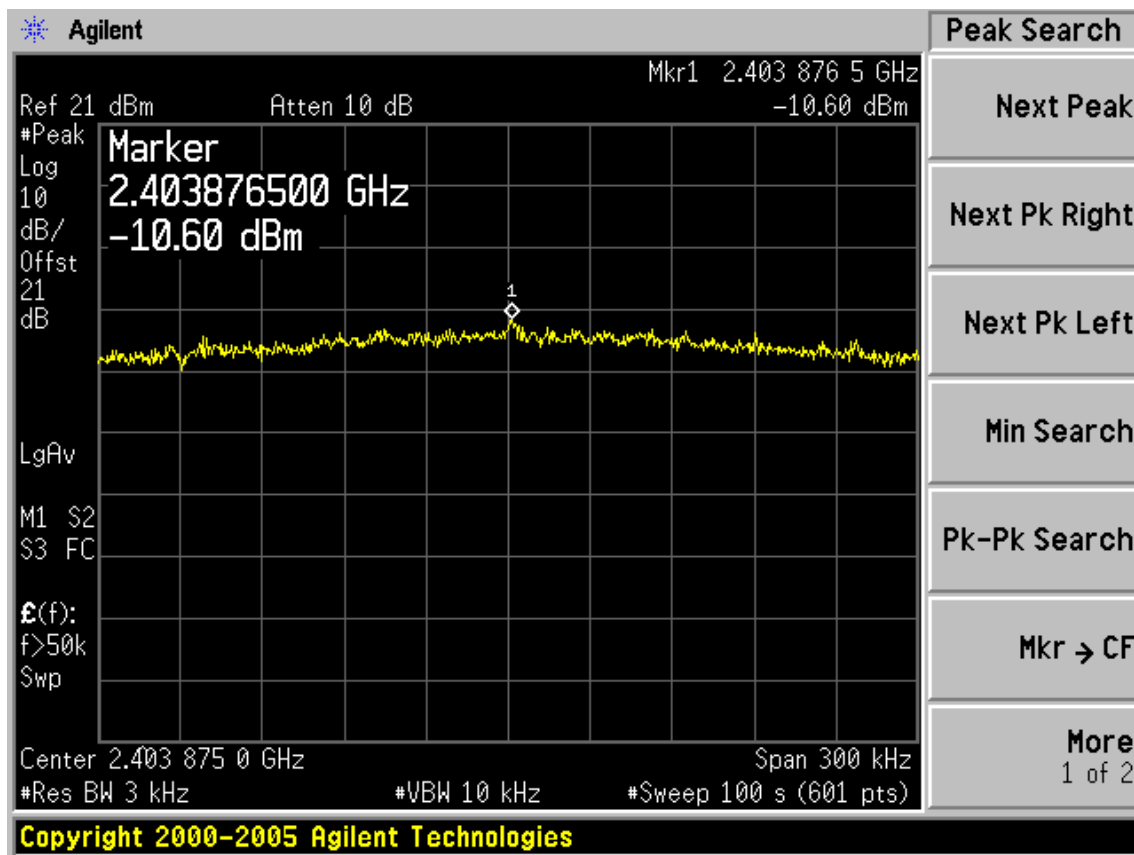
Test Mode: IEEE 802.11g TX



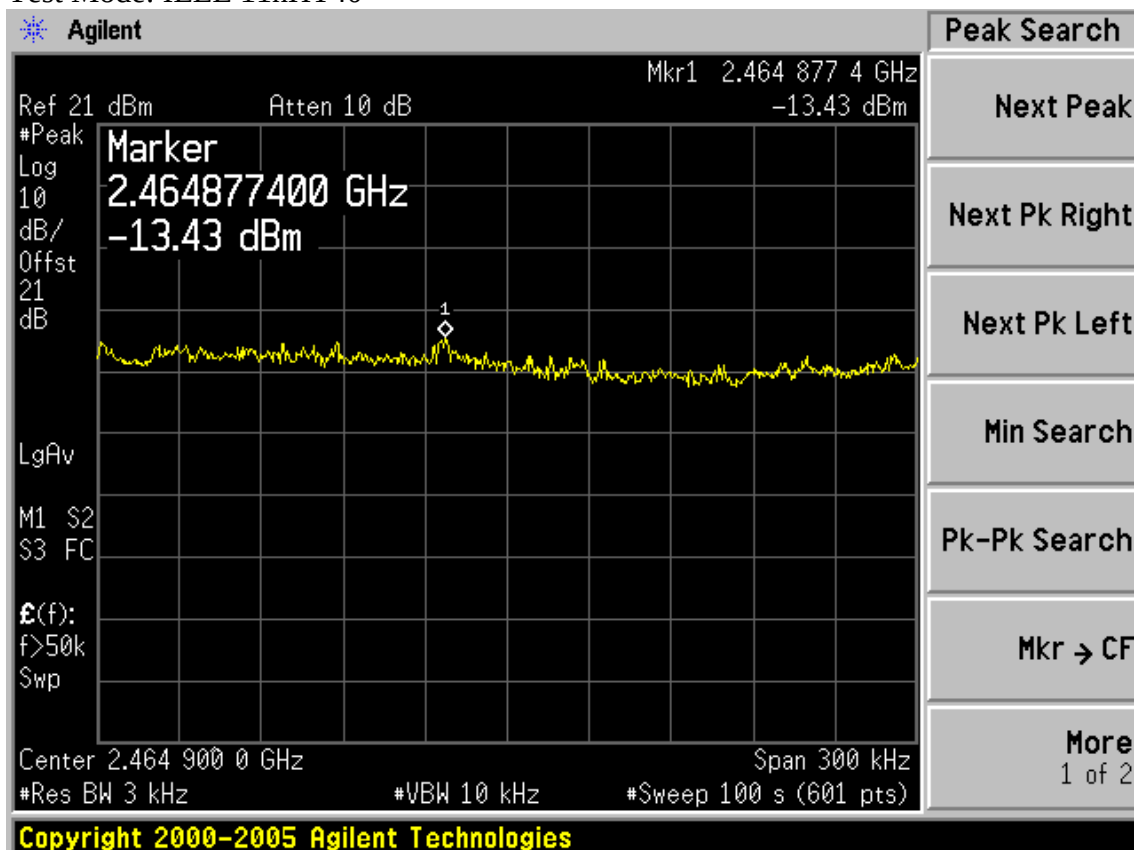


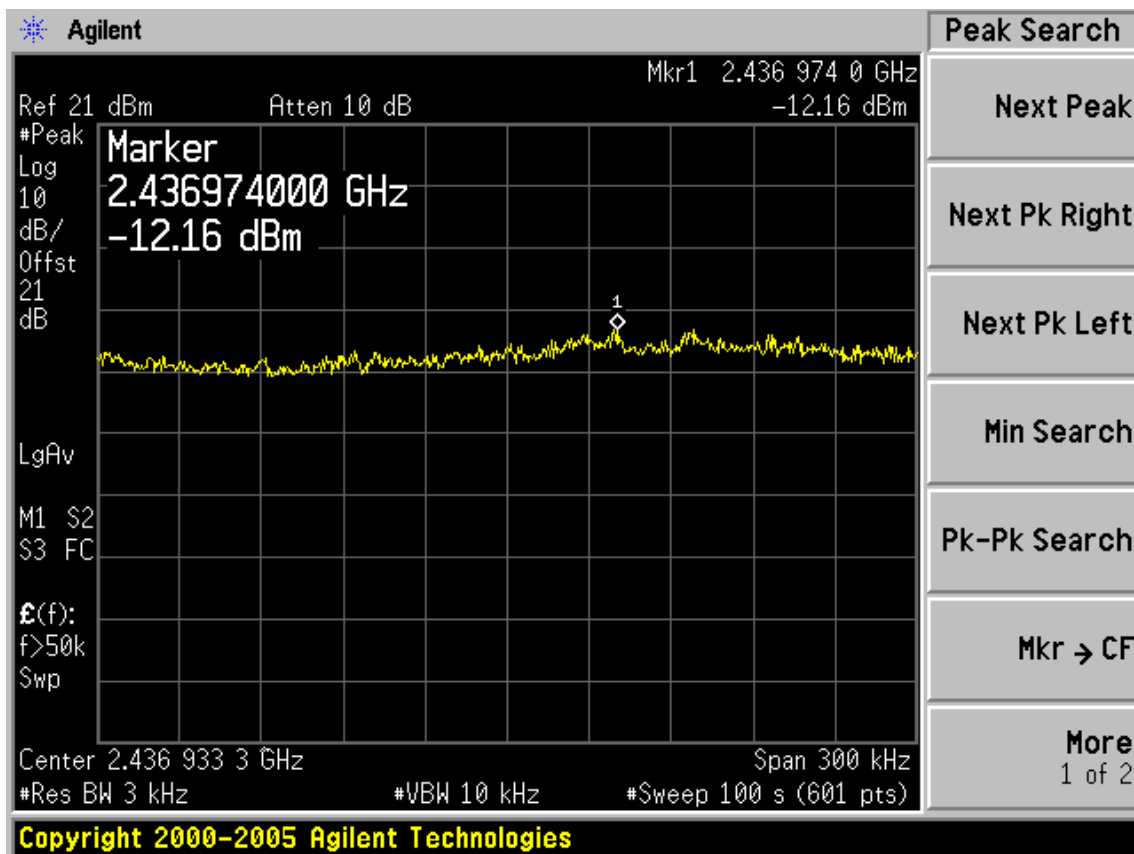
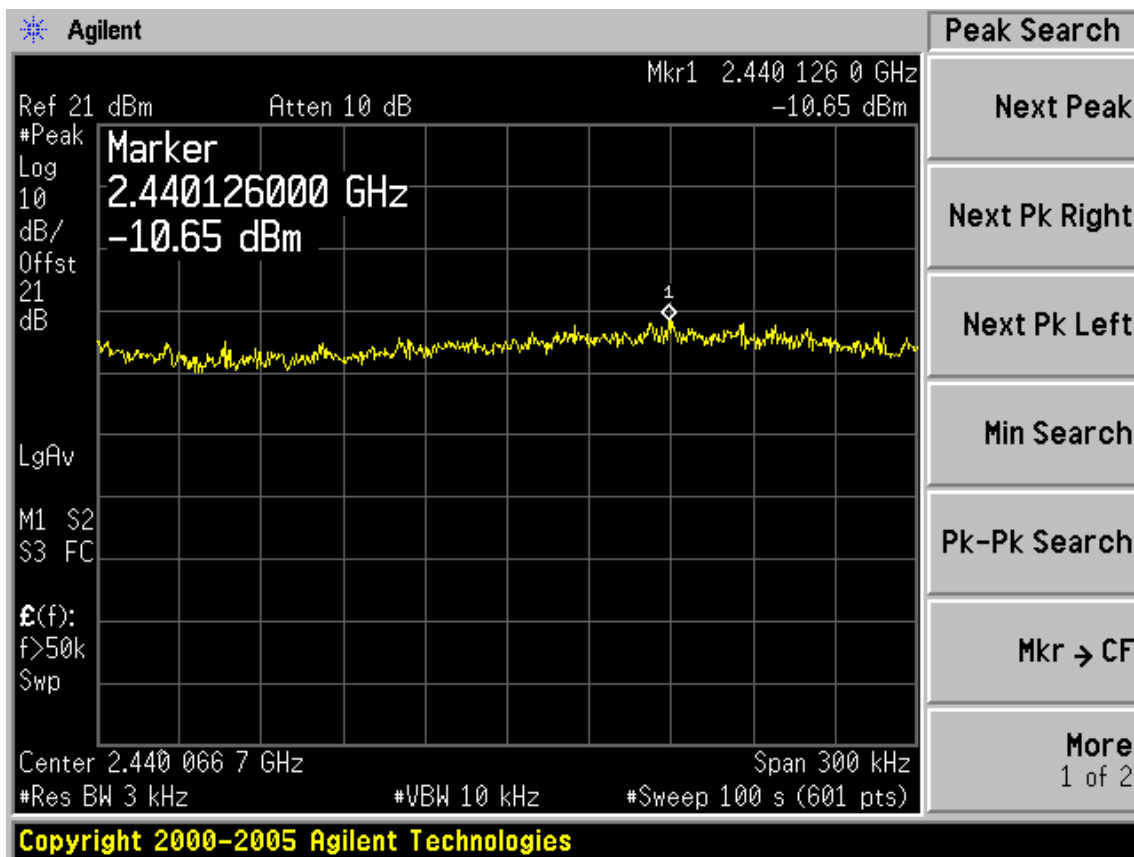
Test Mode: IEEE 11nHT20





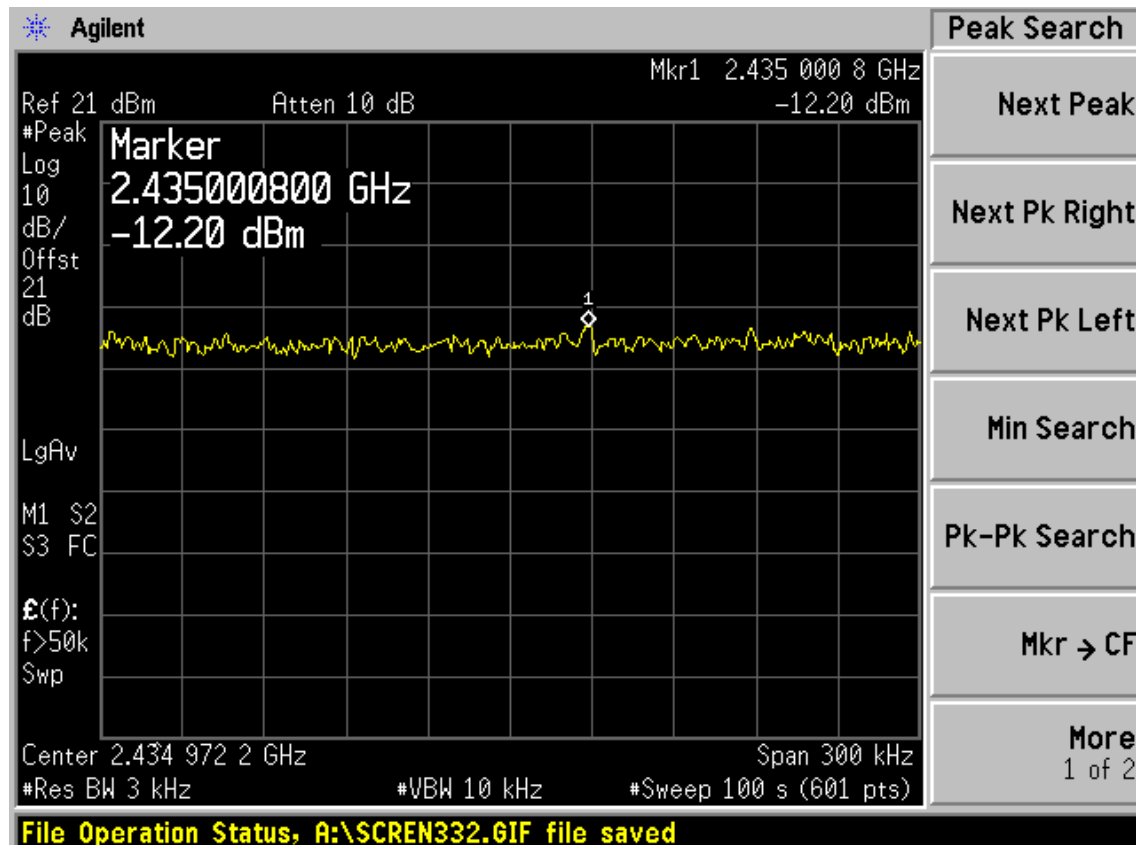
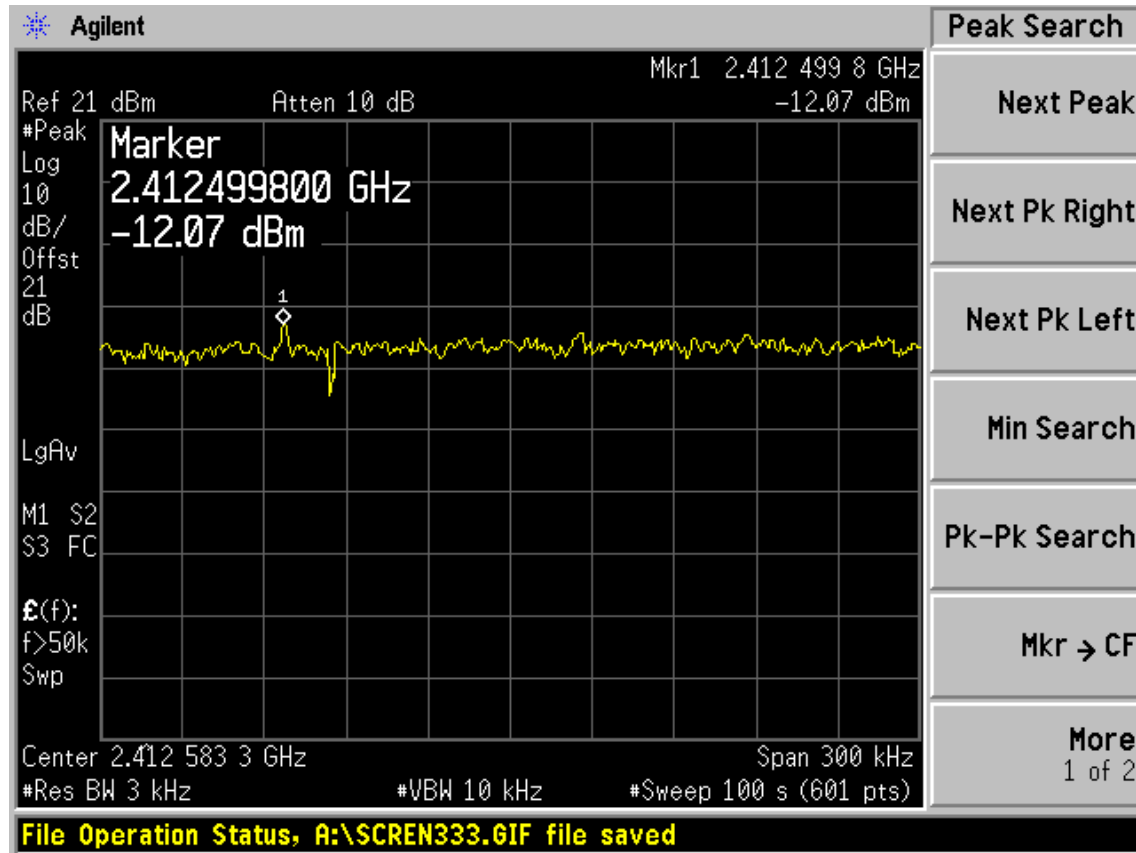
Test Mode: IEEE 11nHT40

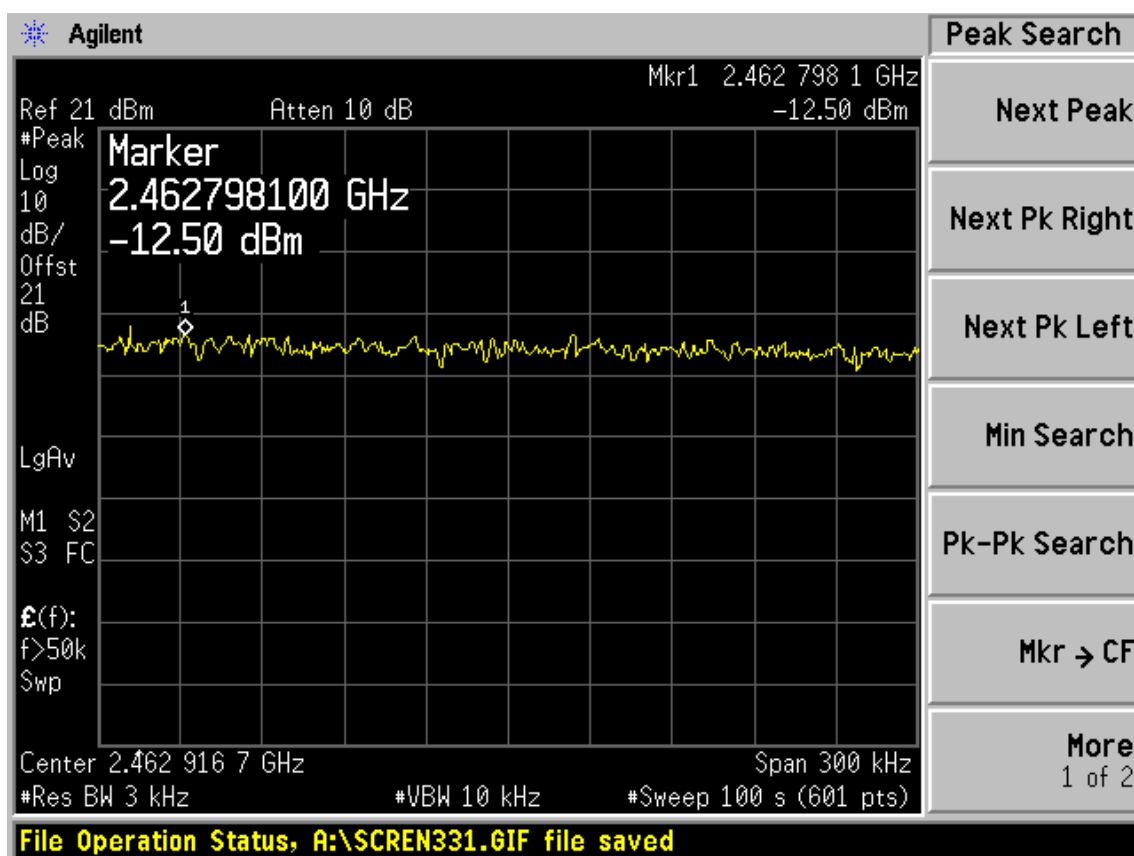




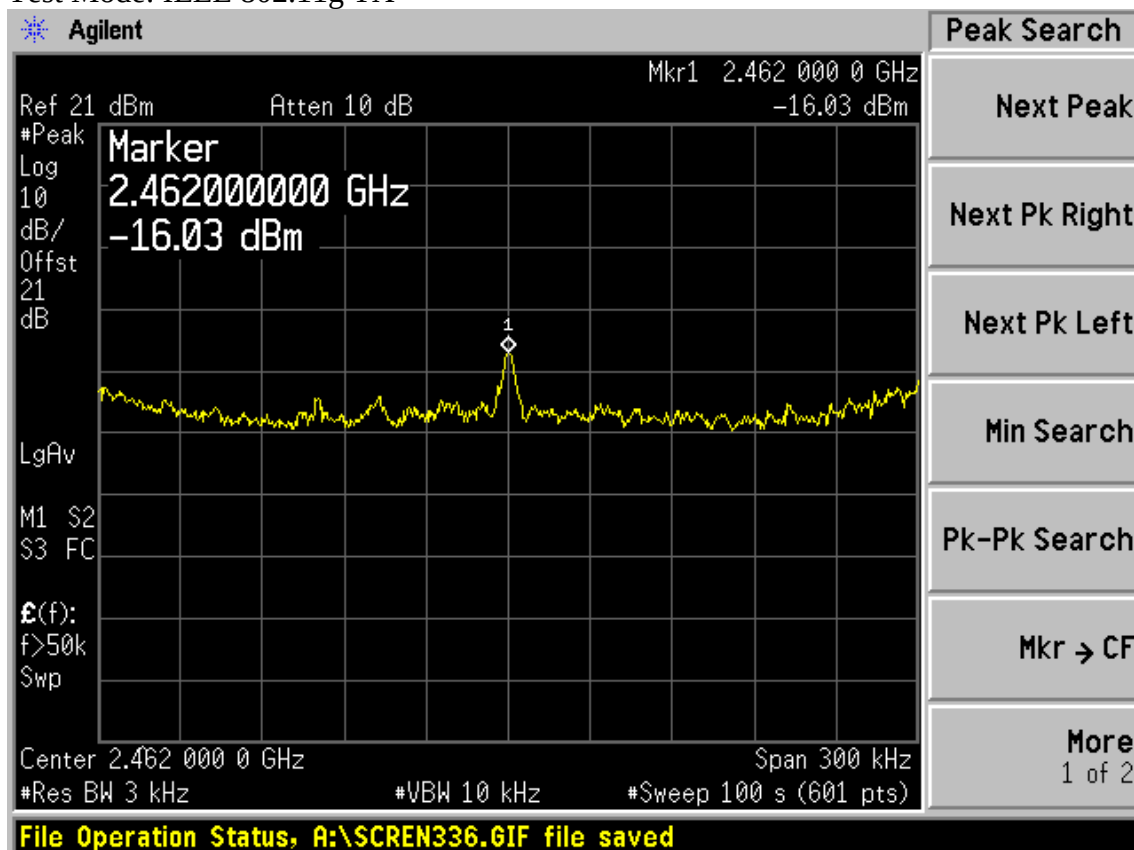
Vertical

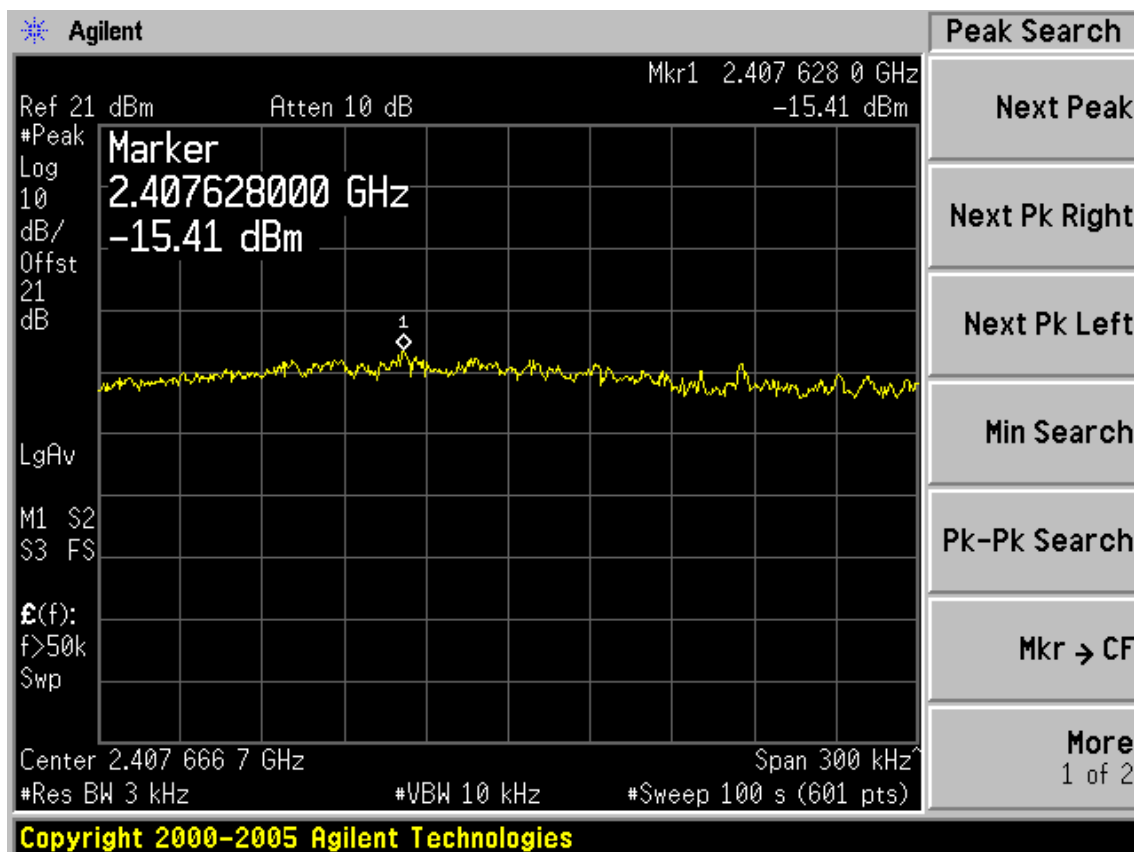
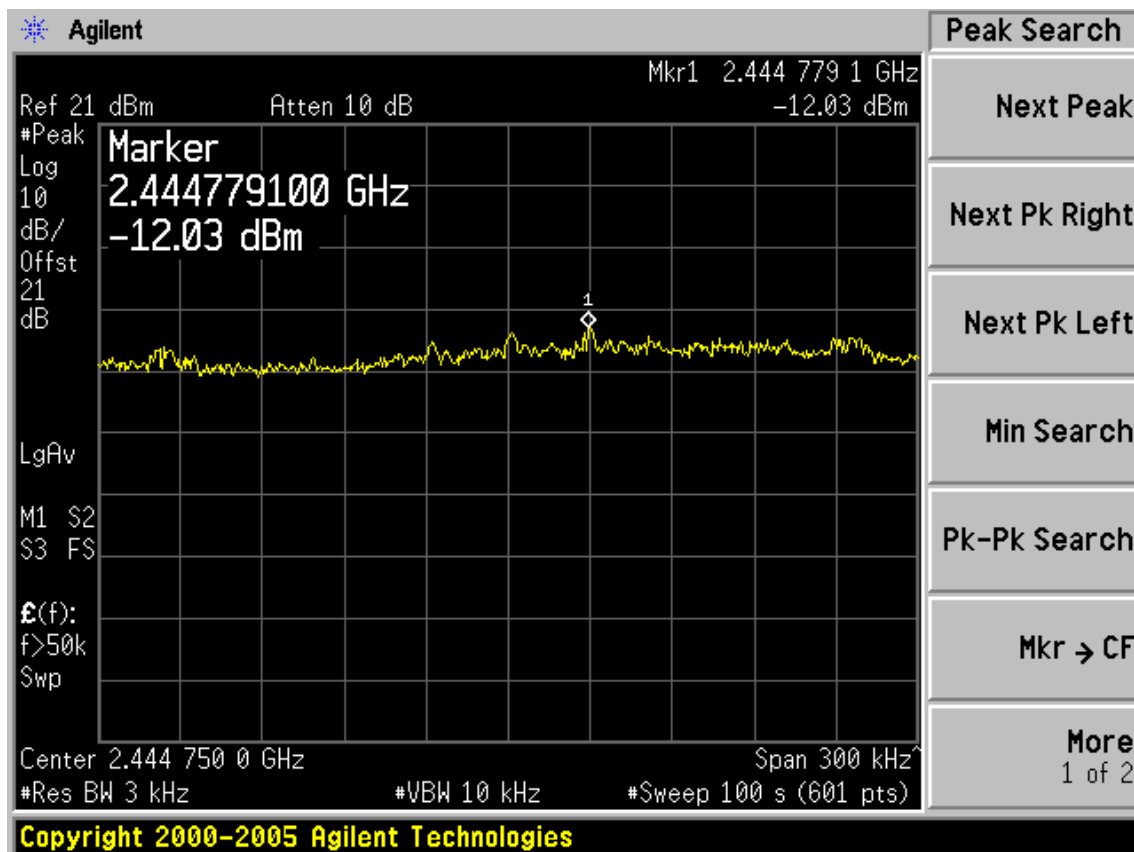
Test Mode: IEEE 802.11b TX



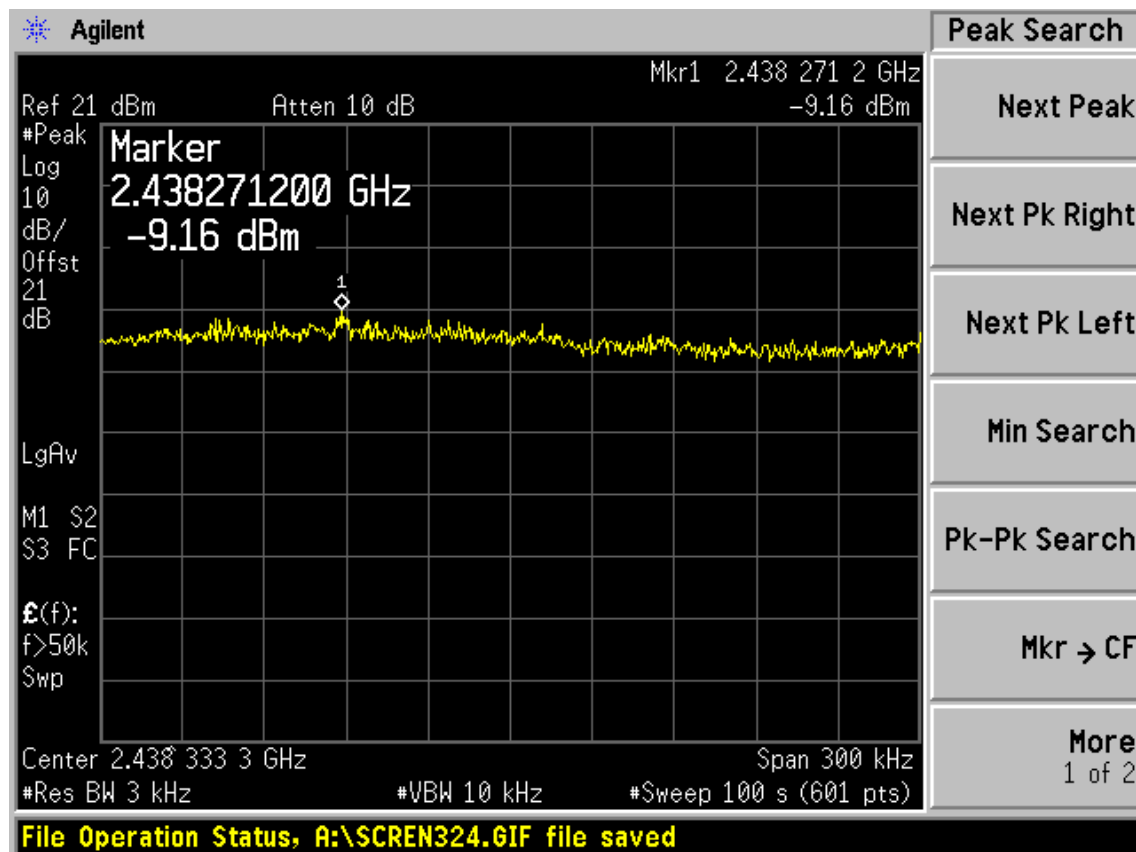
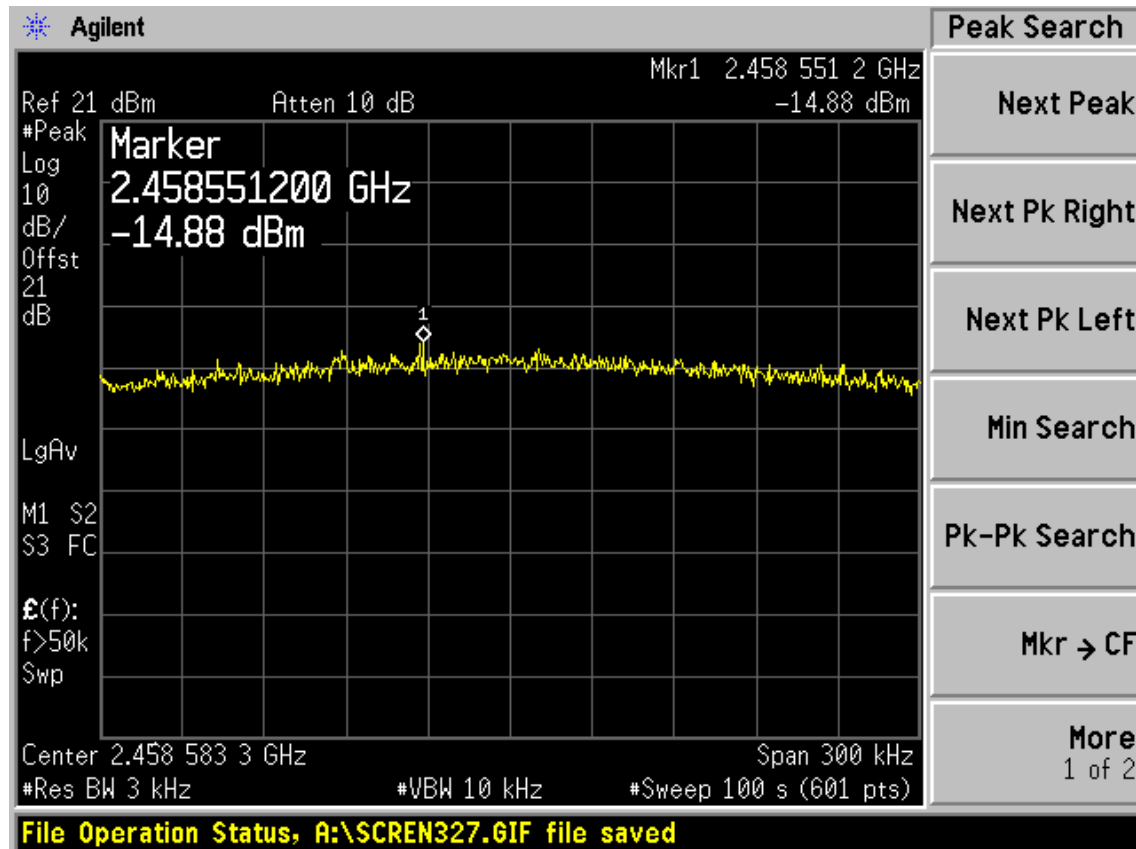


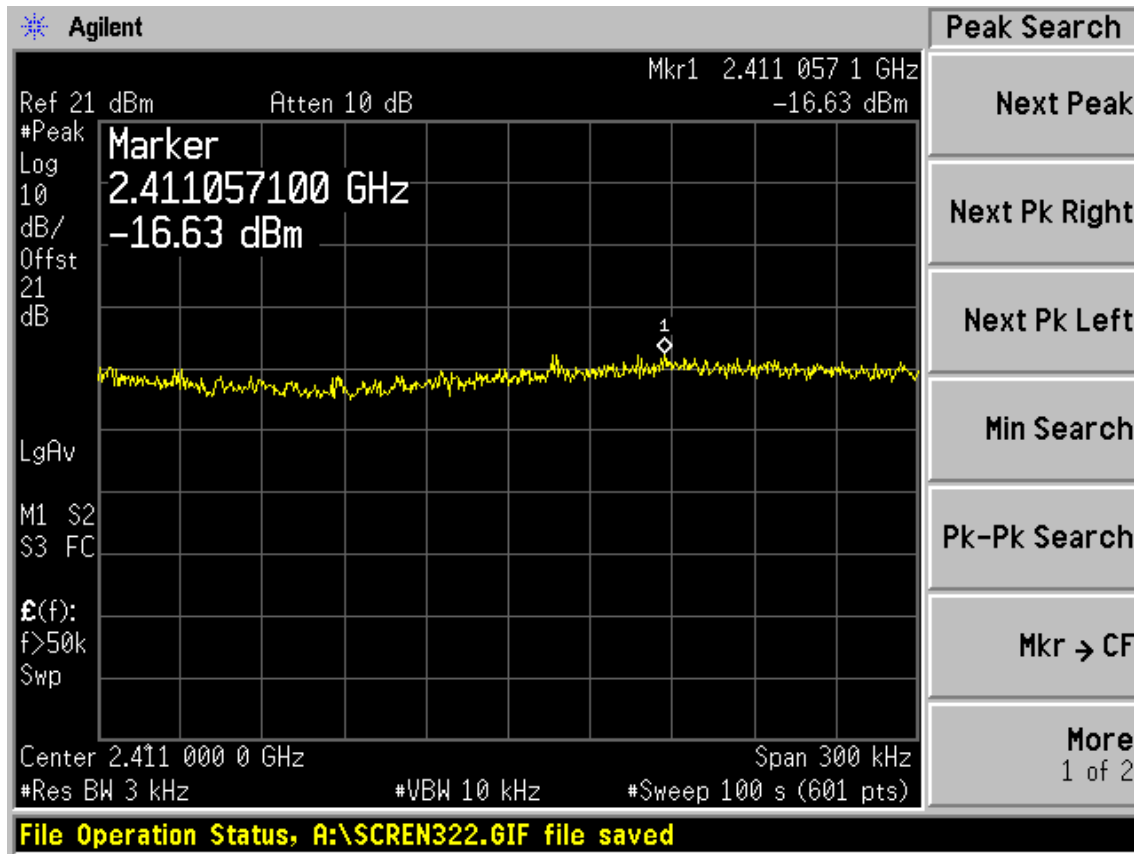
Test Mode: IEEE 802.11g TX



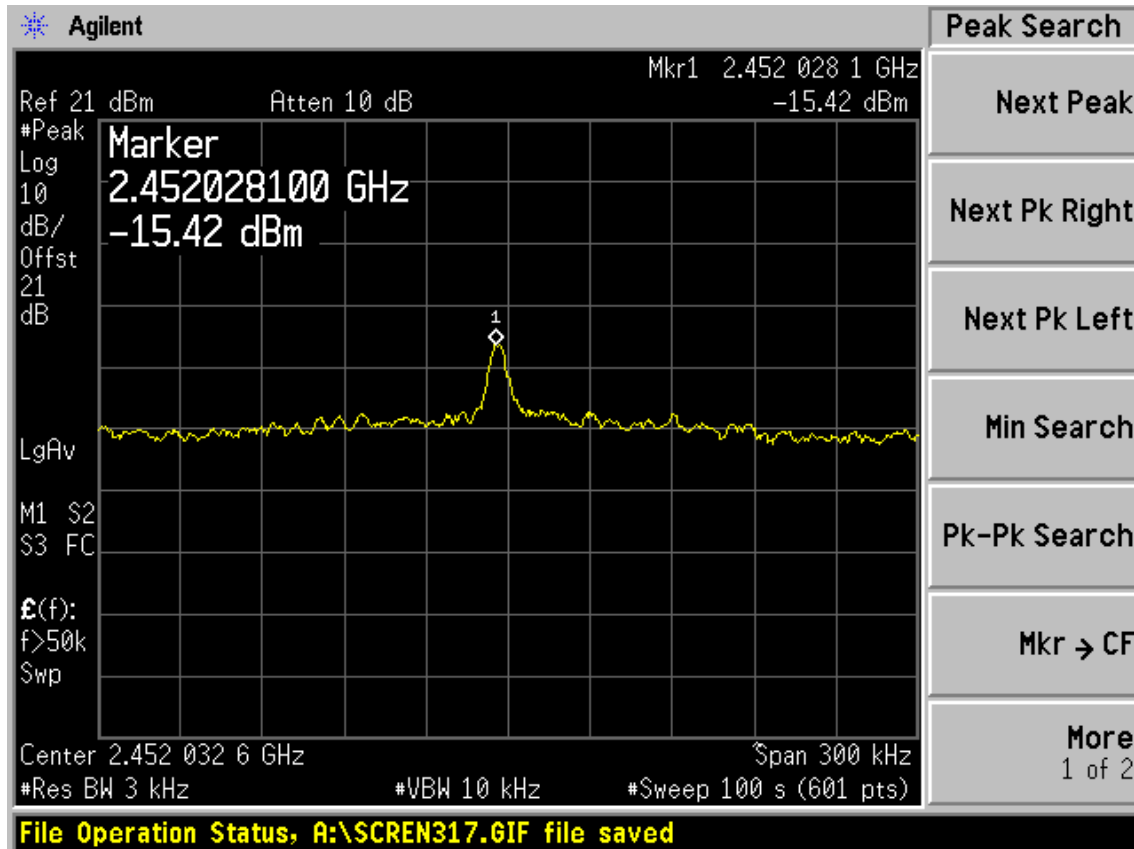


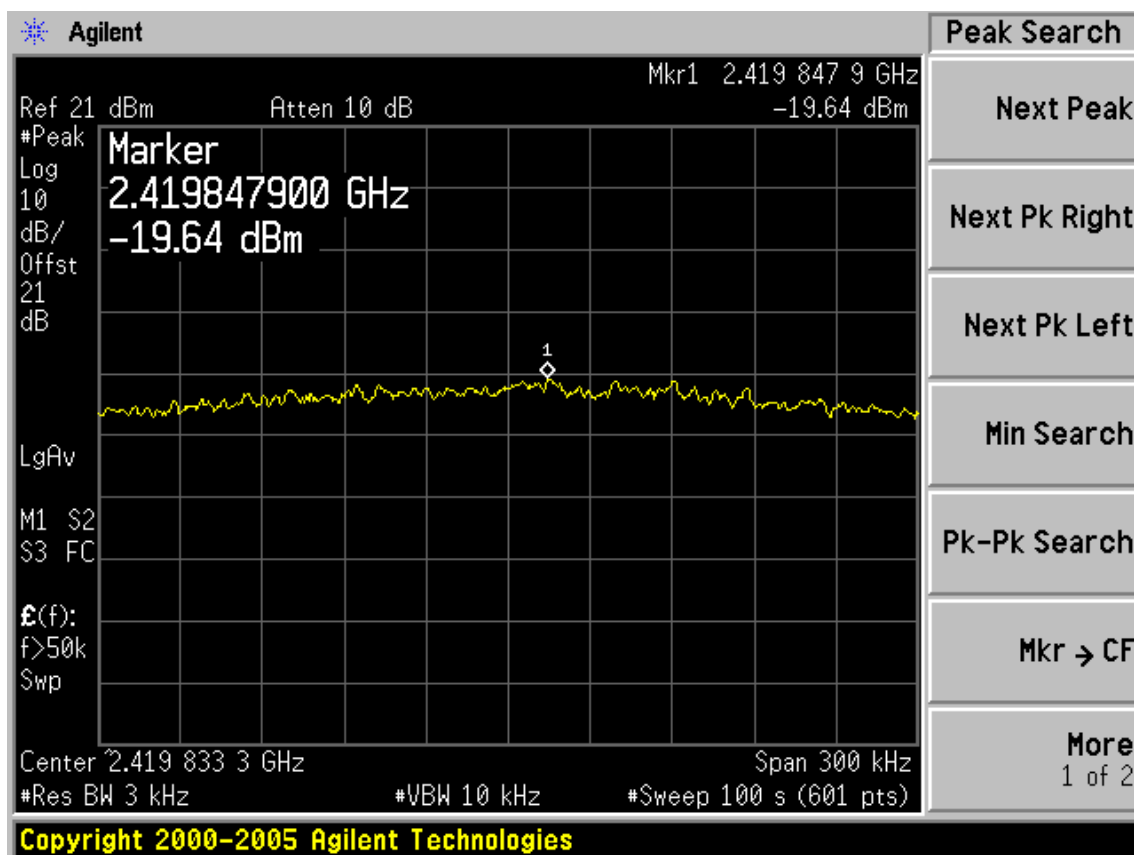
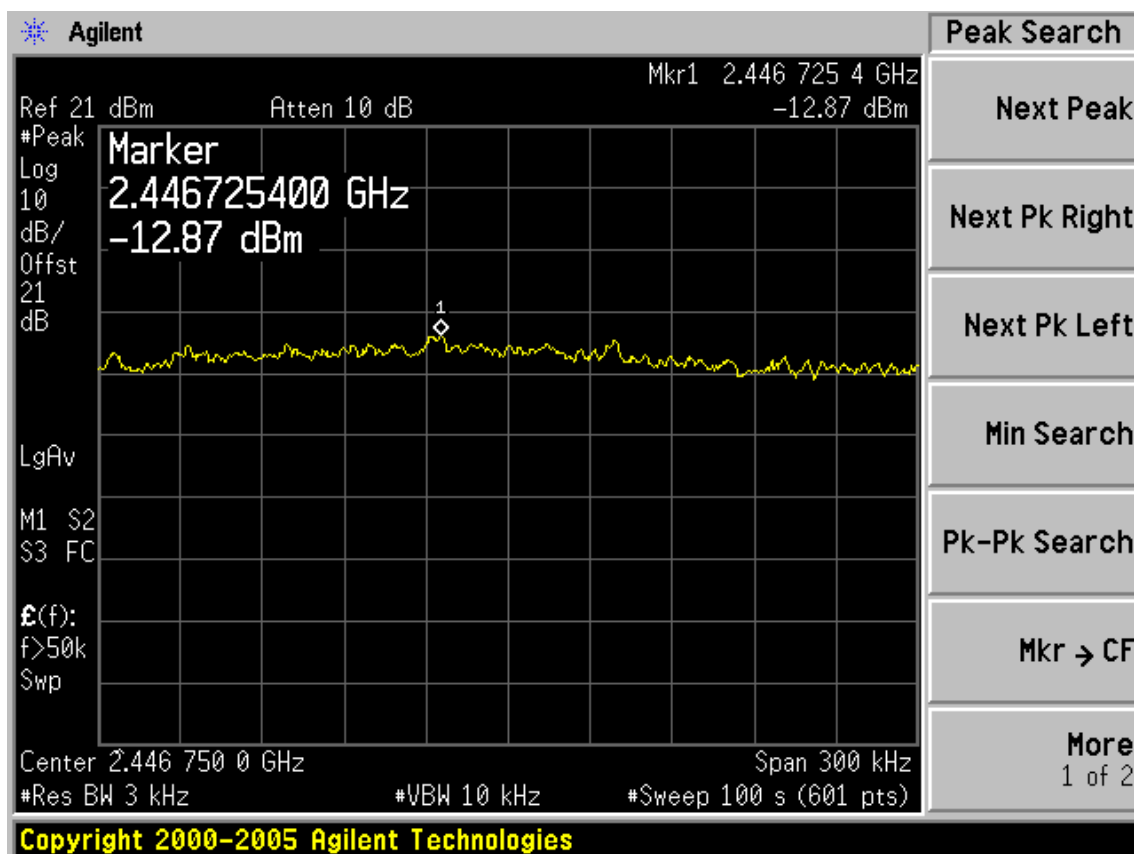
Test Mode: IEEE 11nHT20





Test Mode: IEEE 11nHT40





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 Estimation Result

EUT: 2.4GHz 150Mbps Indoor/Outdoor Wireless Access Point		
M/N: TL-WA7210N		
Test date: 2013-11-21	Pressure: 101.3±1.0 kpa	Humidity: 50.4±3.0%
Tested by: Leo-Li	Test site: RF site	Temperature:20.1±0.6 °C
Antenna Gain	Vertical&Horional Antenna: 12dBi	External Antenna: 5dBi

Cable loss: 1 dB			Attenuator loss: 20 dB					
Antenna Type	Test Mode	CH	Frequency (MHz)	Peak Output Power (dBm)	Output Power (mW)	Antenna Gain (dBi)	Antenna Gain (Linear)	MPE
Vertical	11b	CH1	2412	14.53	28.38	12	15.85	0.0895
		CH6	2437	17.16	52.00	12	15.85	0.1640
		CH11	2462	14.65	29.17	12	15.85	0.0920
	11g	CH1	2412	17.56	57.02	12	15.85	0.1799
		CH6	2437	22.18	165.20	12	15.85	0.5211
		CH11	2462	18.41	69.34	12	15.85	0.2188
	11n HT20	CH1	2412	17.45	55.59	12	15.85	0.1754
		CH6	2437	22.38	172.98	12	15.85	0.5457
		CH11	2462	17.65	58.21	12	15.85	0.1836
	11n HT40	CH1	2422	17.38	54.70	12	15.85	0.1726
		CH4	2437	19.59	90.99	12	15.85	0.2870
		CH7	2452	16.61	45.81	12	15.85	0.1445

External	11b	CH1	2412	13.55	22.65	5	3.16	0.0143
		CH6	2437	16.76	47.42	5	3.16	0.0299
		CH11	2462	13.57	22.75	5	3.16	0.0143
	11g	CH1	2412	16.62	45.92	5	3.16	0.0289
		CH6	2437	22.58	181.13	5	3.16	0.1140
		CH11	2462	17.44	55.46	5	3.16	0.0349
	11n HT20	CH1	2412	16.44	44.06	5	3.16	0.0277
		CH6	2437	22.31	170.22	5	3.16	0.1071
		CH11	2462	16.68	46.56	5	3.16	0.0293
	11n HT40	CH1	2422	16.43	43.95	5	3.16	0.0277
		CH4	2437	18.60	72.44	5	3.16	0.0456
		CH7	2452	15.62	36.48	5	3.16	0.0230
Horizontal	11b	CH1	2412	15.11	32.43	12	15.85	0.1023
		CH6	2437	17.65	58.21	12	15.85	0.1836
		CH11	2462	14.54	28.44	12	15.85	0.0897
	11g	CH1	2412	18.59	72.28	12	15.85	0.2280
		CH6	2437	23.11	204.64	12	15.85	0.6456
		CH11	2462	18.25	66.83	12	15.85	0.2108
	11n HT20	CH1	2412	18.29	67.45	12	15.85	0.2128
		CH6	2437	23.33	215.28	12	15.85	0.6791
		CH11	2462	18.08	64.27	12	15.85	0.2027
	11n HT40	CH1	2422	17.38	54.70	12	15.85	0.1726
		CH4	2437	19.04	80.17	12	15.85	0.2529
		CH7	2452	16.53	44.98	12	15.85	0.1419

Note: $MPE = PG/4 \square R^2$ P=Output Power; G=Antenna Gain; 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 Dipole 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 5dBi & 12dBi.

12.DEVIATION TO TEST SPECIFICATIONS

[NONE]