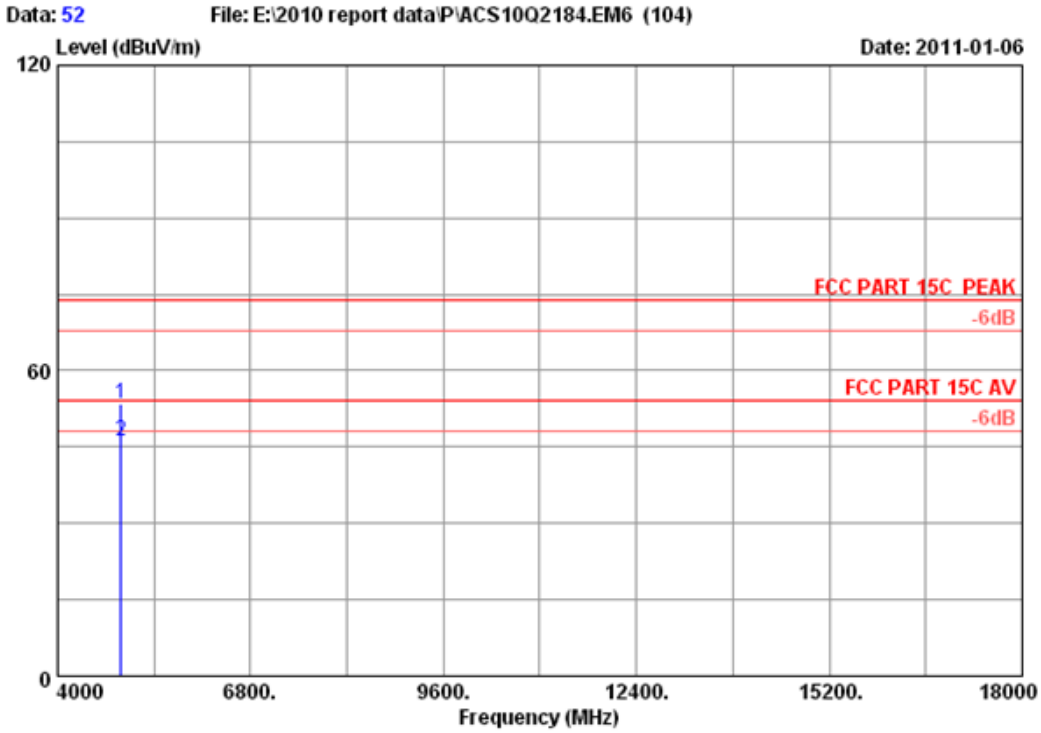
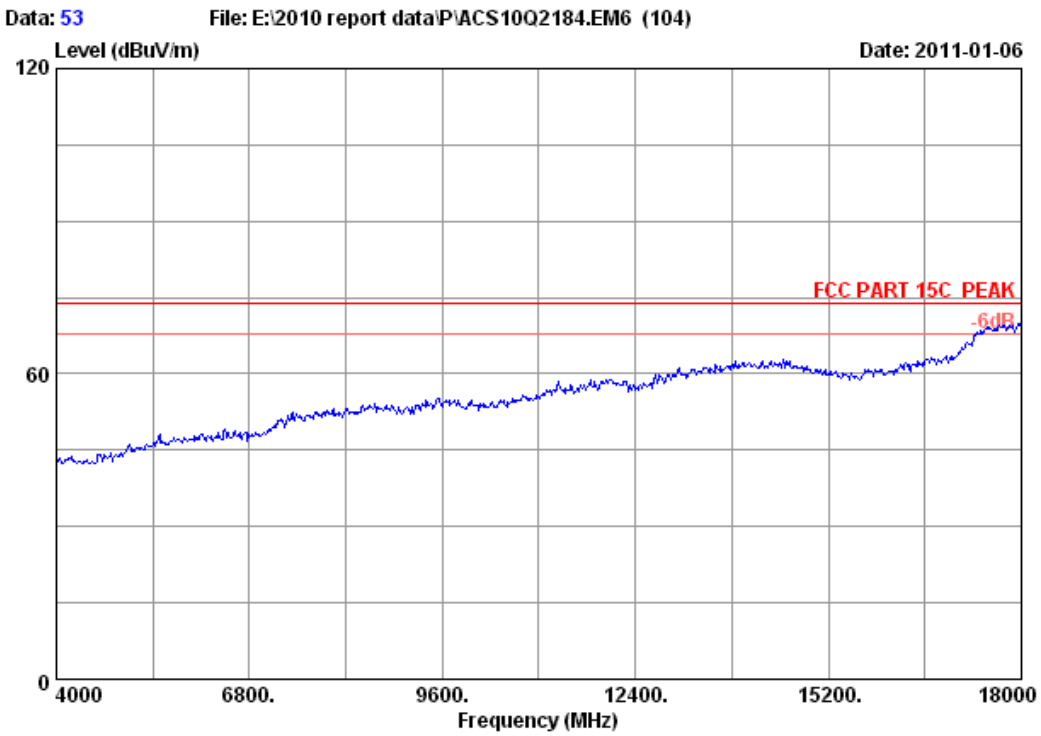


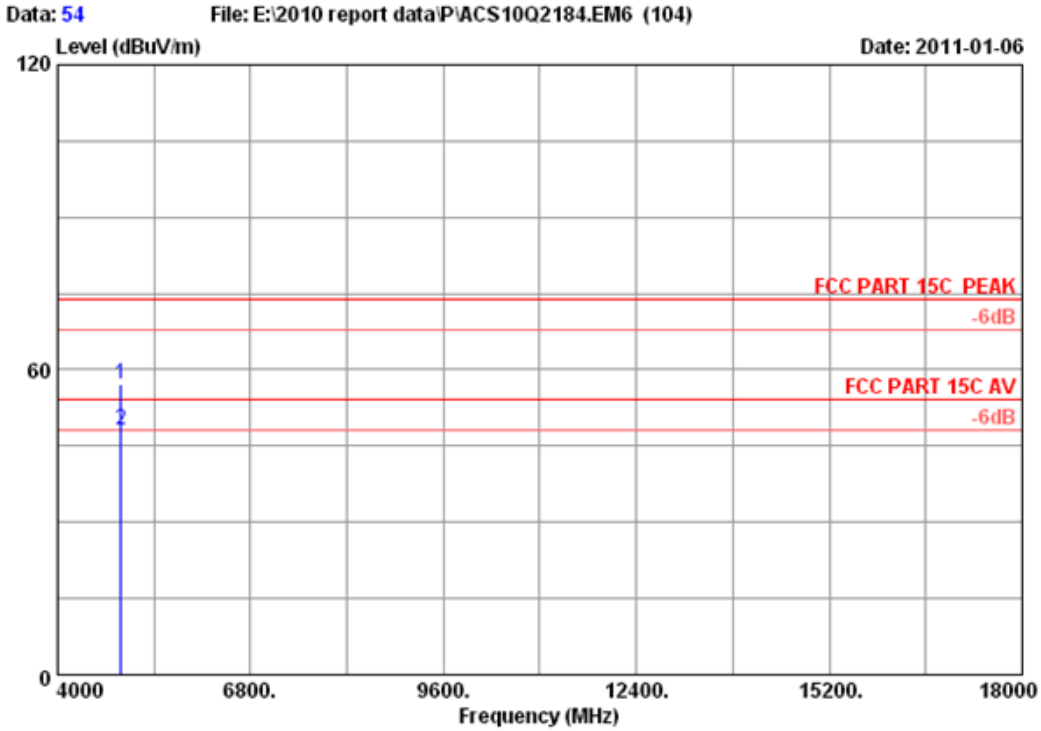
Site no. : 10m Chamber Data no. : 52
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH11 2462MHz Tx
M/N : PW-RN501D

	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	4924.000	34.49	10.76	34.98	43.11	53.38	74.00	20.62	Peak
2	4924.000	34.49	10.76	34.98	35.78	46.05	54.00	7.95	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.



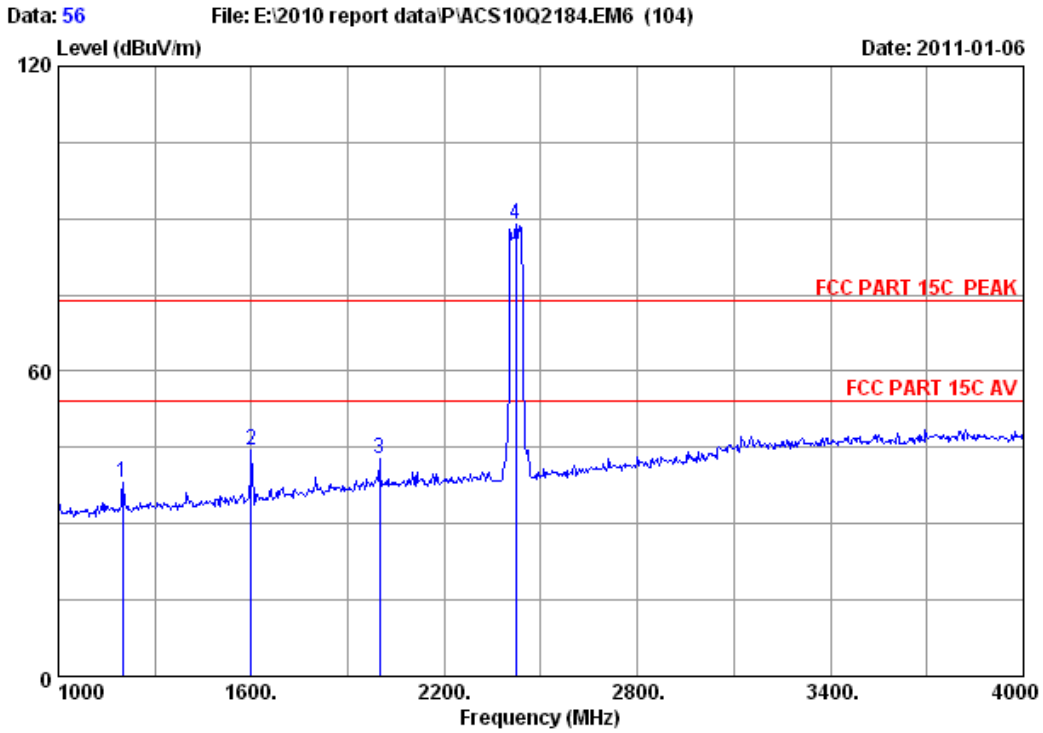

```
Site no.      : 10m Chamber                Data no. :  53
Dis. / Ant.   : 3m   3115(0911)            Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                   Engineer  : Sunny-lu
EUT           : 300Mbps Wireless N Router
Power         : DC 9V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11n HT20 CH11 2462MHz  Tx
M/N           : PW-RN501D
```



Site no. : 10m Chamber Data no. : 54
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT20 CH11 2462MHz Tx
M/N : PW-RN501D

	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	4924.000	34.49	10.76	34.98	46.89	57.16	74.00	16.84	Peak
2	4924.000	34.49	10.76	34.98	37.86	48.13	54.00	5.87	Average

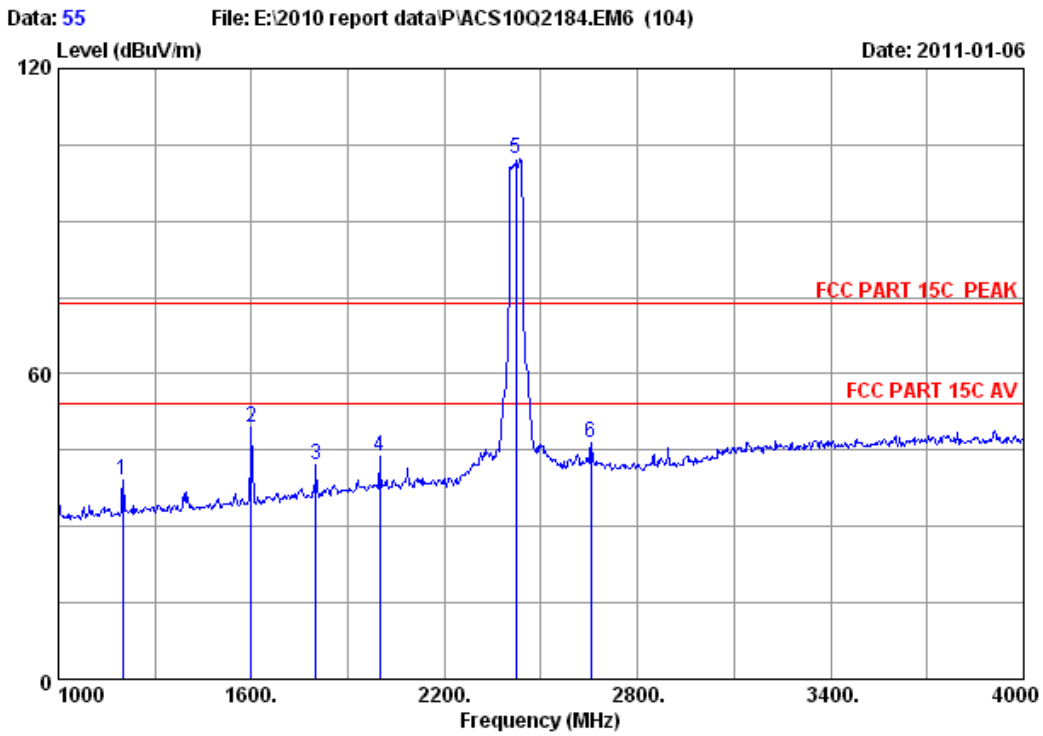
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 10m Chamber Data no. : 56
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH1 2422MHz Tx
M/N : PW-RN501D

	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	1201.000	25.81	5.16	37.54	44.81	38.24	74.00	35.76	Peak
2	1600.000	26.96	5.91	36.94	48.38	44.31	74.00	29.69	Peak
3	1999.000	29.20	6.63	36.70	43.57	42.70	74.00	31.30	Peak
4	2422.000	29.46	7.46	36.61	88.46	88.77	74.00	-14.77	Peak

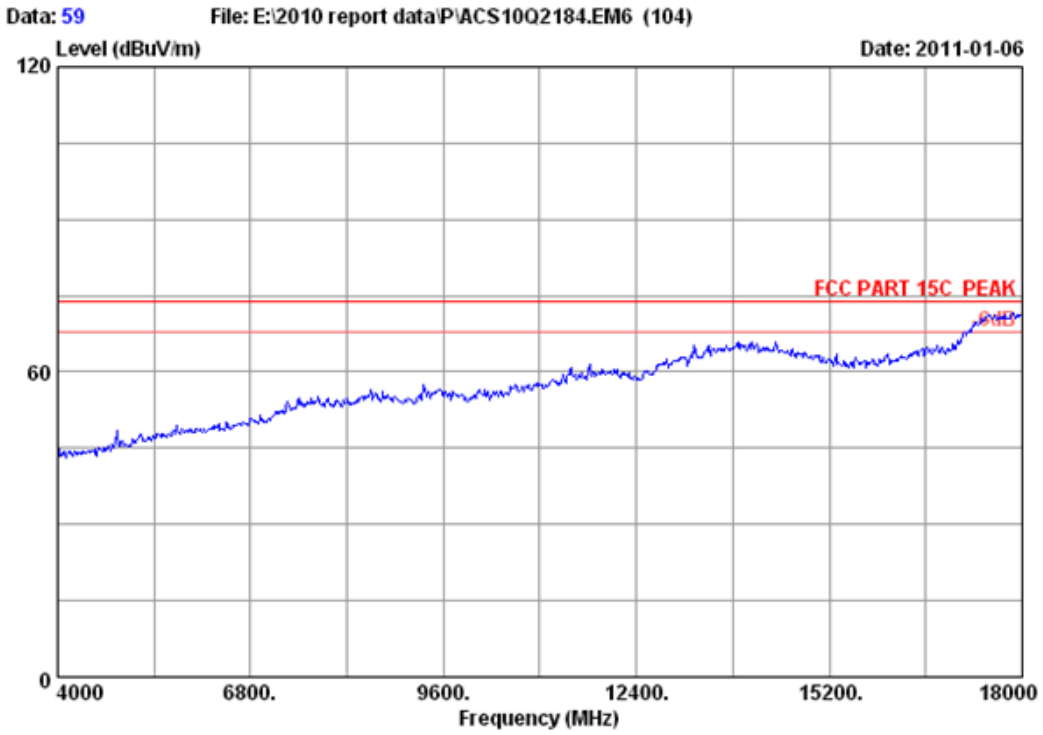
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



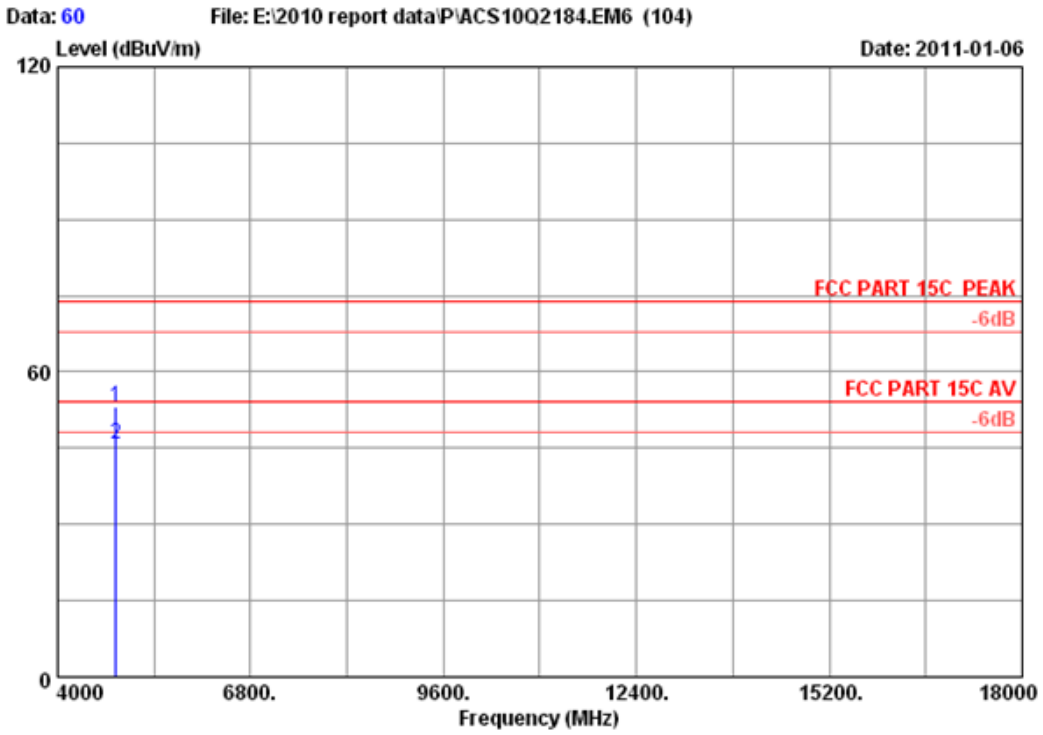
Site no. : 10m Chamber Data no. : 55
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH1 2422MHz Tx
M/N : PW-RN501D

	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	1201.000	25.81	5.16	37.54	45.78	39.21	74.00	34.79	Peak
2	1600.000	26.96	5.91	36.94	53.58	49.51	74.00	24.49	Peak
3	1801.000	28.08	6.29	36.83	44.41	41.95	74.00	32.05	Peak
4	1999.000	29.20	6.63	36.70	44.73	43.86	74.00	30.14	Peak
5	2422.000	29.46	7.46	36.61	101.92	102.23	74.00	-28.23	Peak
6	2656.000	30.25	7.88	36.57	44.79	46.35	74.00	27.65	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 reporte



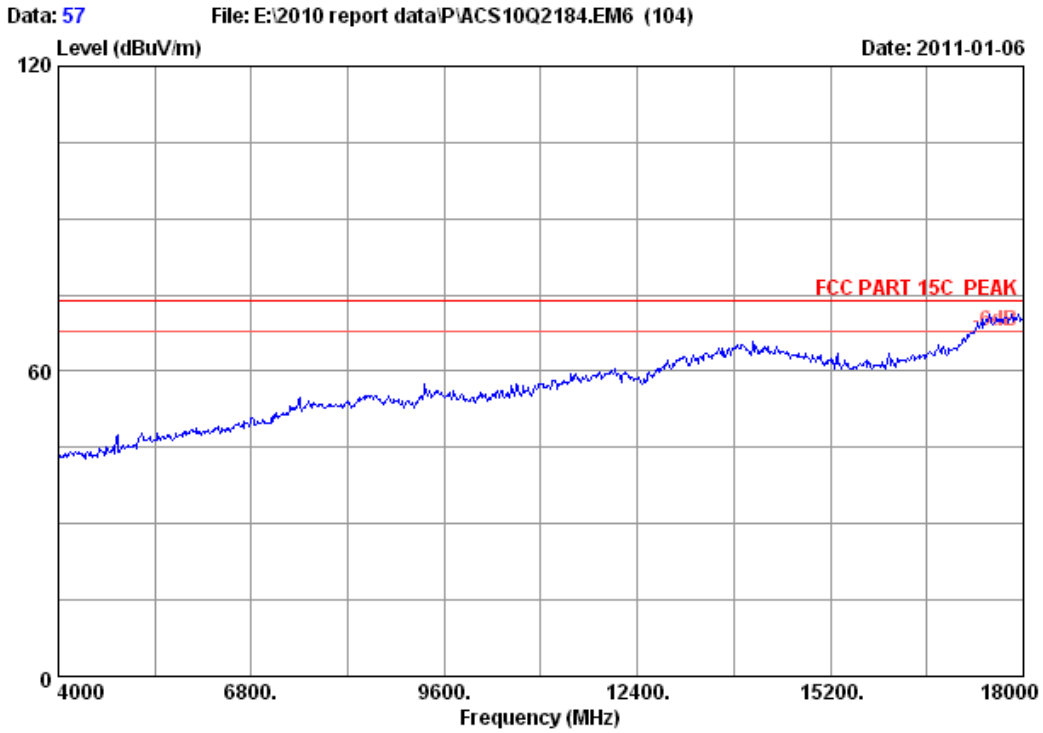

```
Site no.      : 10m Chamber                Data no. :  59
Dis. / Ant.   : 3m   3115(0911)            Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                   Engineer  : Sunny-lu
EUT           : 300Mbps Wireless N Router
Power         : DC 9V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH1 2422MHz  Tx
M/N           : PW-RN501D
```



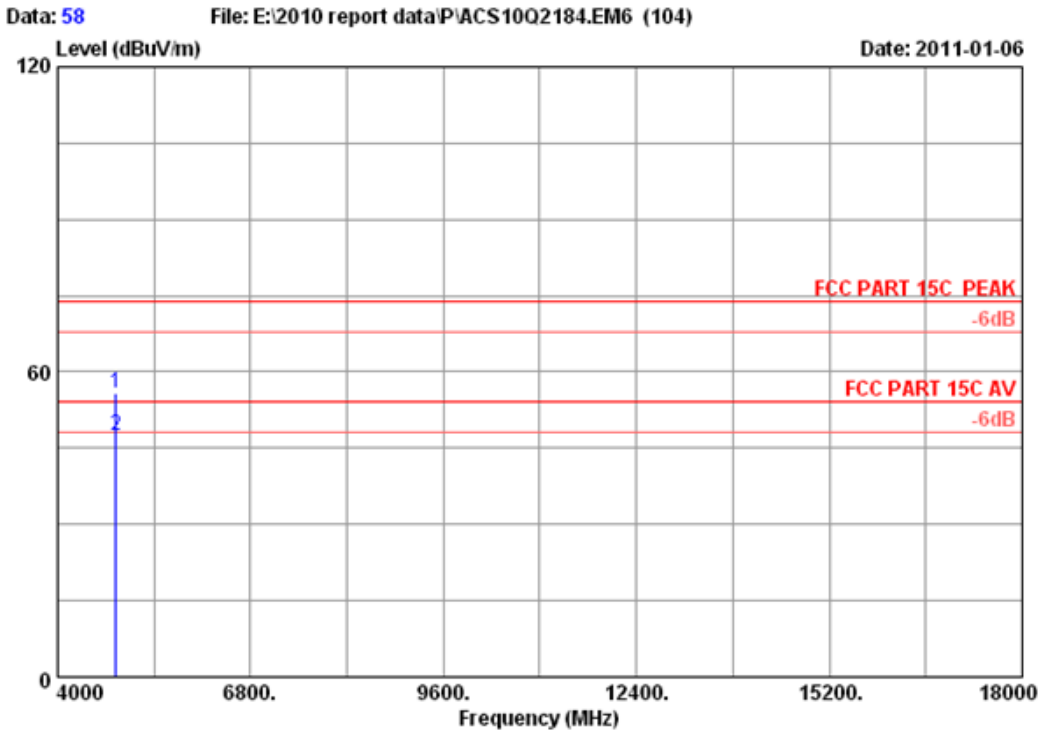
Site no. : 10m Chamber Data no. : 60
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH1 2422MHz Tx
M/N : PW-RN501D

	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	4844.000	34.35	10.67	35.05	43.04	53.01	74.00	20.99	Peak
2	4844.000	34.35	10.67	35.05	35.78	45.75	54.00	8.25	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.



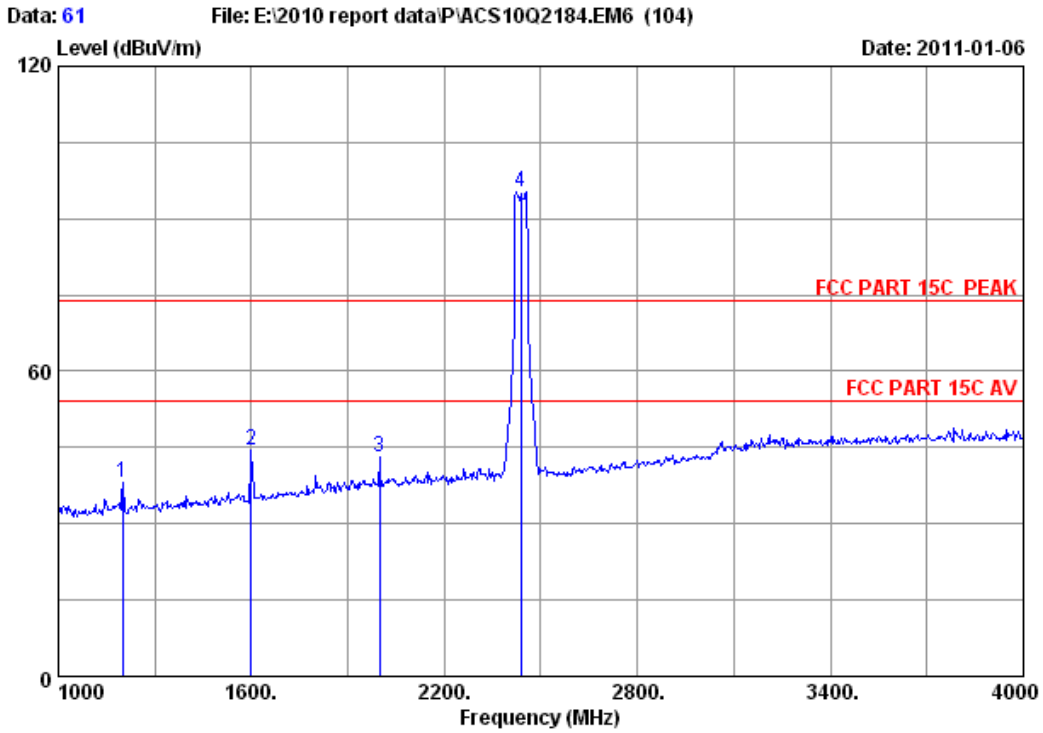

```
Site no.      : 10m Chamber                Data no. :  57
Dis. / Ant.   : 3m   3115(0911)            Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                   Engineer  : Sunny-lu
EUT           : 300Mbps Wireless N Router
Power         : DC 9V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH1 2422MHz  Tx
M/N           : PW-RN501D
```



Site no. : 10m Chamber Data no. : 58
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH1 2422MHz Tx
M/N : PW-RN501D

	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	4844.000	34.35	10.67	35.05	45.80	55.77	74.00	18.23	Peak
2	4844.000	34.35	10.67	35.05	37.47	47.44	54.00	6.56	Average

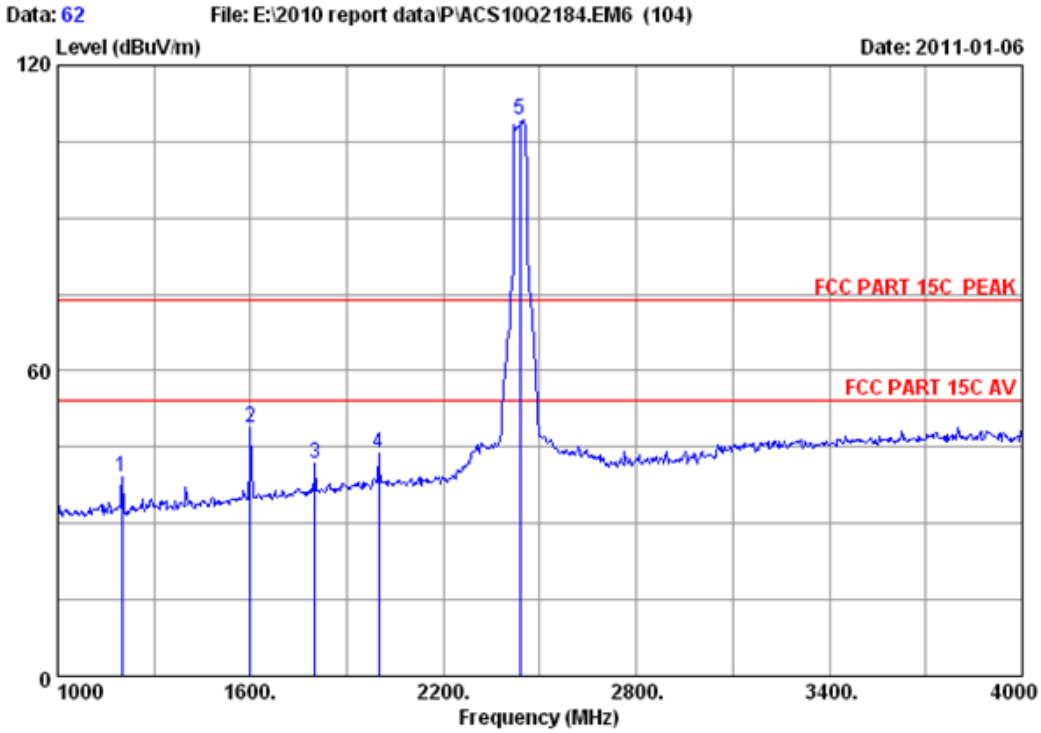
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 10m Chamber Data no. : 61
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH4 2437MHz Tx
M/N : PW-RN501D

	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	1201.000	25.81	5.16	37.54	44.72	38.15	74.00	35.85	Peak
2	1600.000	26.96	5.91	36.94	48.48	44.41	74.00	29.59	Peak
3	1999.000	29.20	6.63	36.70	43.94	43.07	74.00	30.93	Peak
4	2437.000	29.47	7.46	36.61	95.05	95.37	74.00	-21.37	Peak

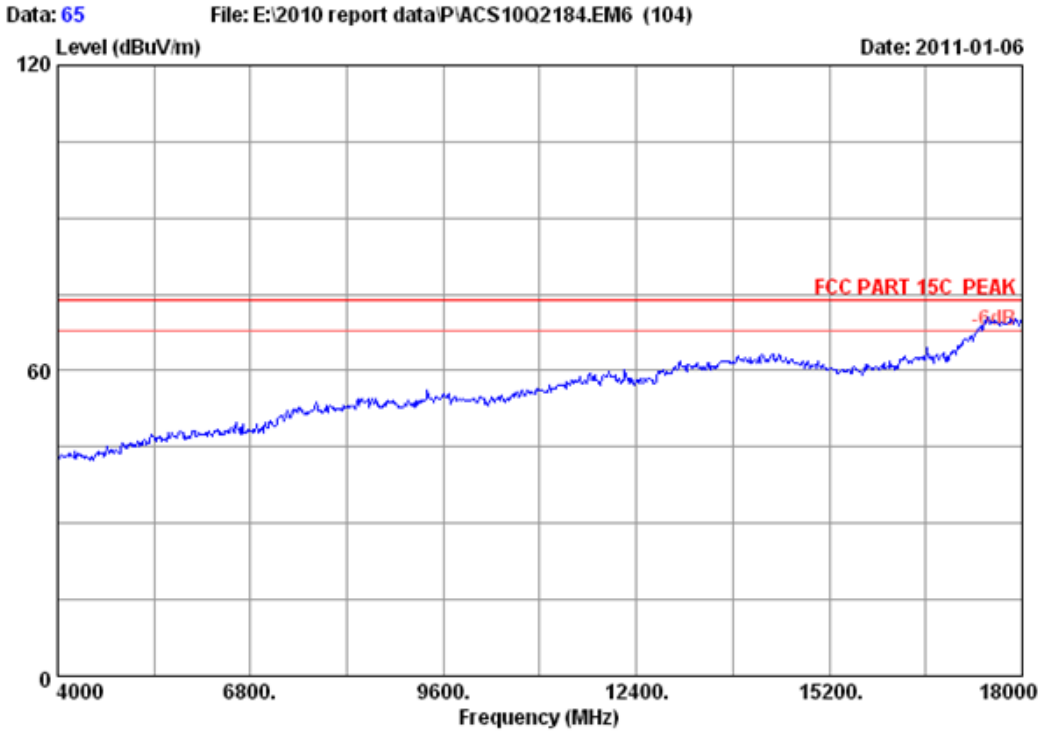
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



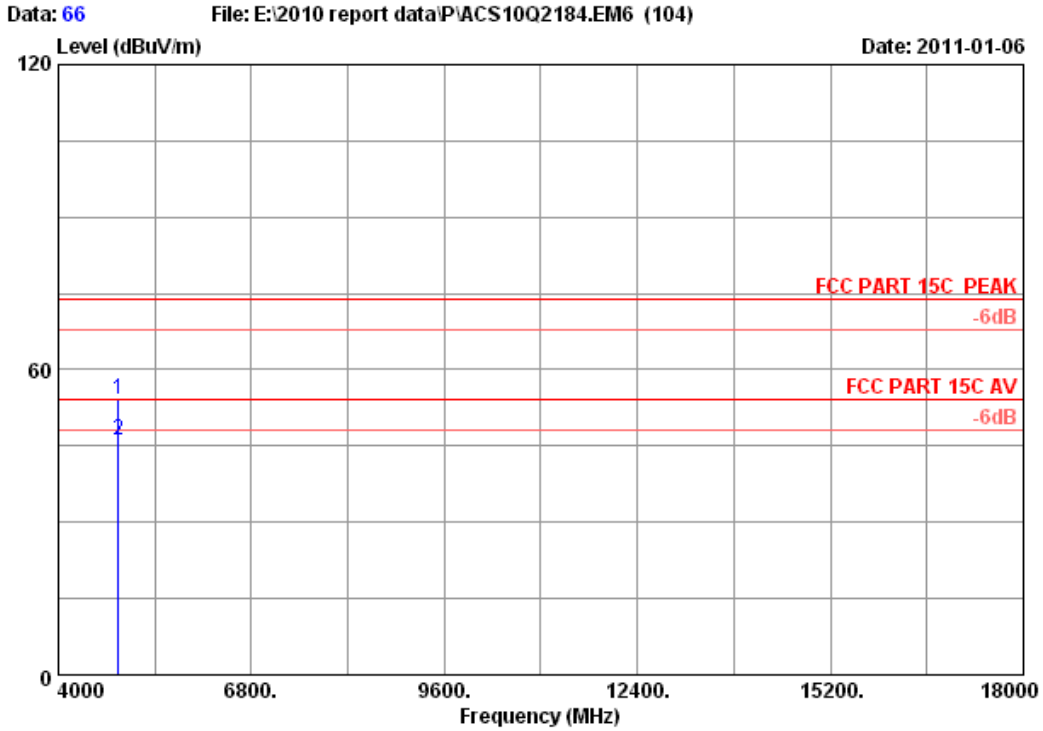
Site no. : 10m Chamber Data no. : 62
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH4 2437MHz Tx
M/N : PW-RN501D

	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	1201.000	25.81	5.16	37.54	45.68	39.11	74.00	34.89	Peak
2	1600.000	26.96	5.91	36.94	52.78	48.71	74.00	25.29	Peak
3	1801.000	28.08	6.29	36.83	44.20	41.74	74.00	32.26	Peak
4	1999.000	29.20	6.63	36.70	44.61	43.74	74.00	30.26	Peak
5	2437.000	29.47	7.46	36.61	108.98	109.30	74.00	-35.30	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



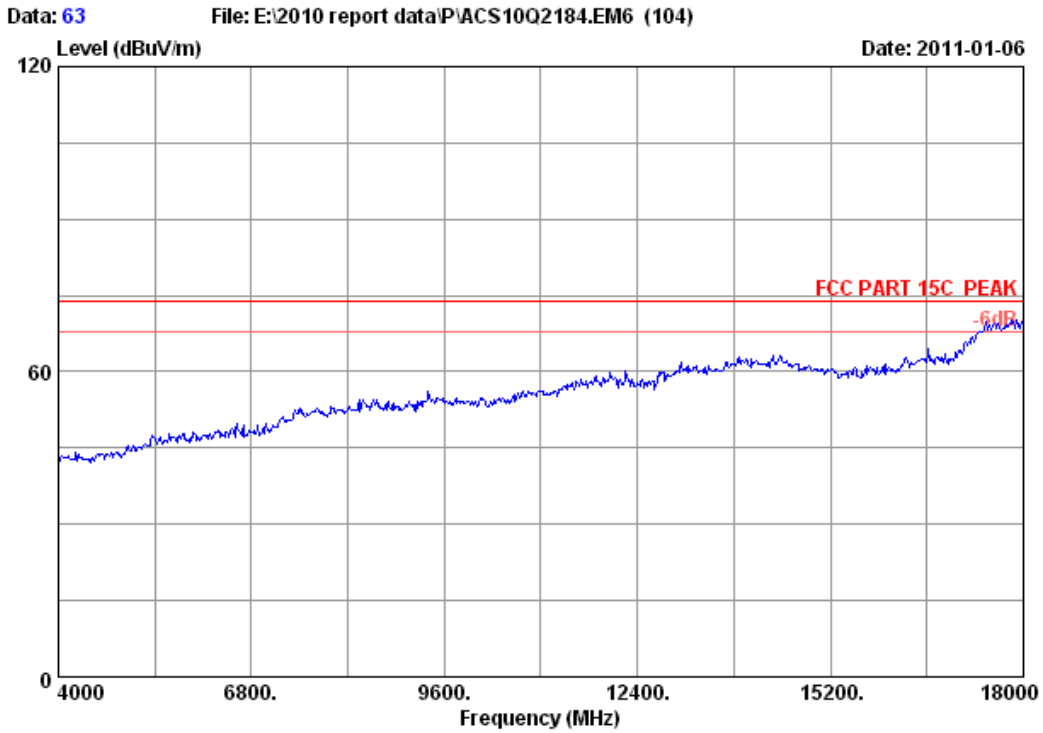

```
Site no.      : 10m Chamber              Data no. :  65
Dis. / Ant.   : 3m   3115(0911)          Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                 Engineer  : Sunny-lu
EUT           : 300Mbps Wireless N Router
Power         : DC 9V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH4 2437MHz  Tx
M/N           : PW-RN501D
```



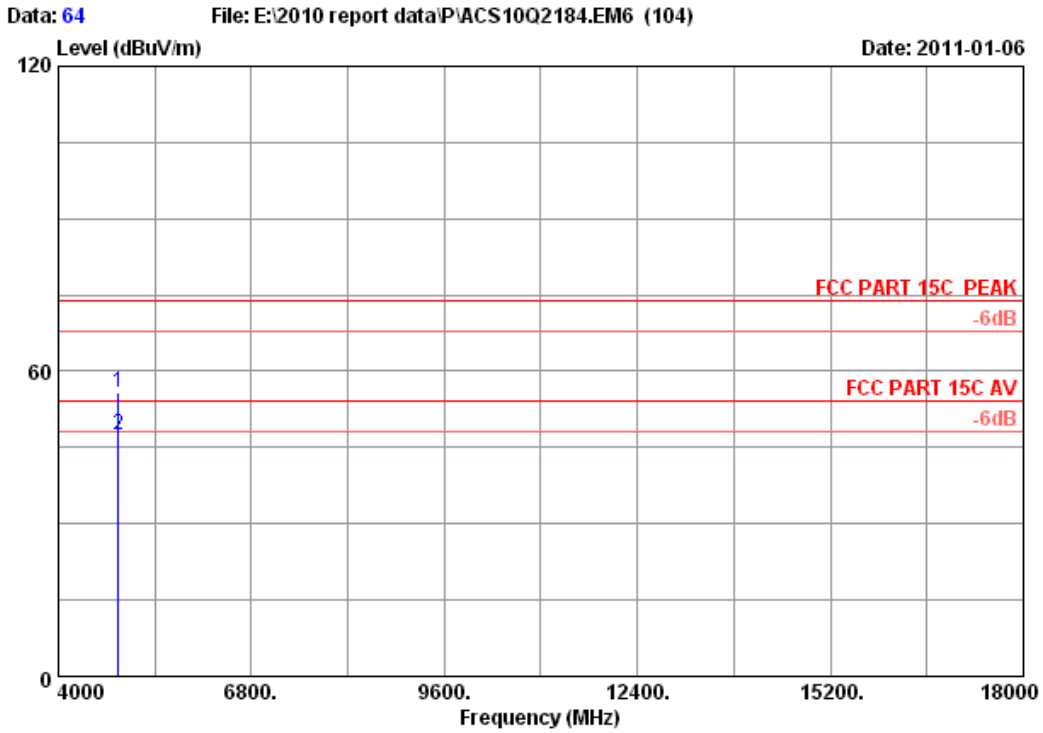
Site no. : 10m Chamber Data no. : 66
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH4 2437MHz Tx
M/N : PW-RN501D

	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	4874.000	34.41	10.69	35.03	43.93	54.00	74.00	20.00	Peak
2	4874.000	34.41	10.69	35.03	36.07	46.14	54.00	7.86	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.



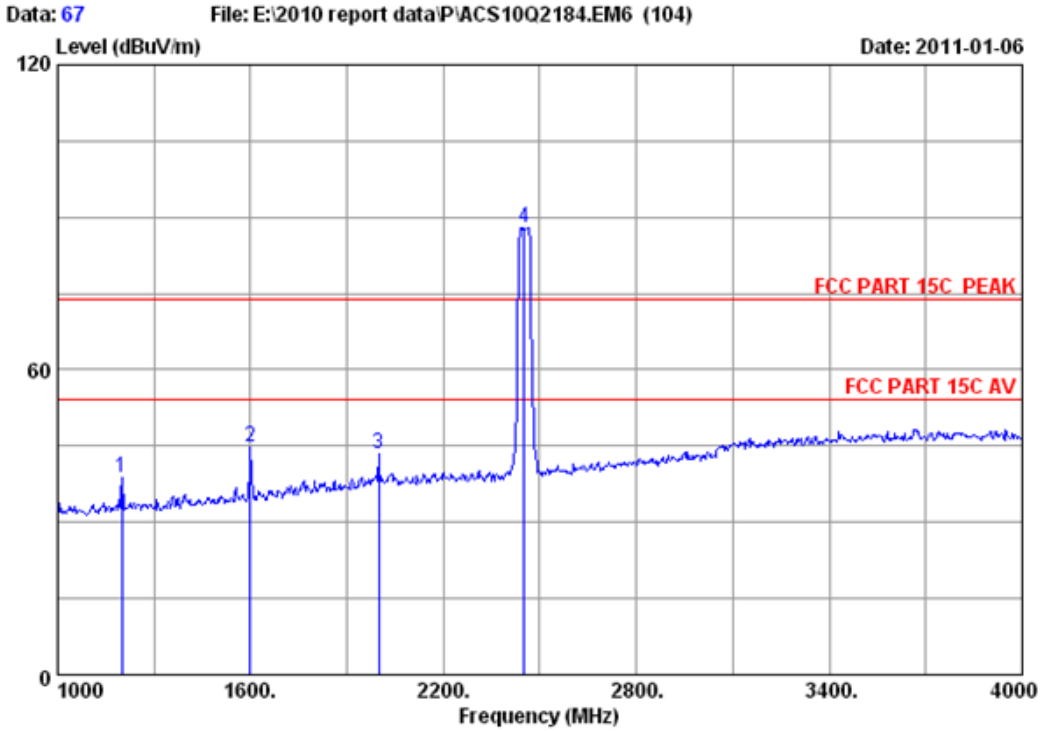

```
Site no.      : 10m Chamber                Data no. :  63
Dis. / Ant.   : 3m   3115(0911)            Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                   Engineer  : Sunny-lu
EUT           : 300Mbps Wireless N Router
Power         : DC 9V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH4 2437MHz  Tx
M/N           : PW-RN501D
```



Site no. : 10m Chamber Data no. : 64
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH4 2437MHz Tx
M/N : PW-RN501D

	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	4874.000	34.41	10.69	35.03	45.86	55.93	74.00	18.07	Peak
2	4874.000	34.41	10.69	35.03	37.49	47.56	54.00	6.44	Average

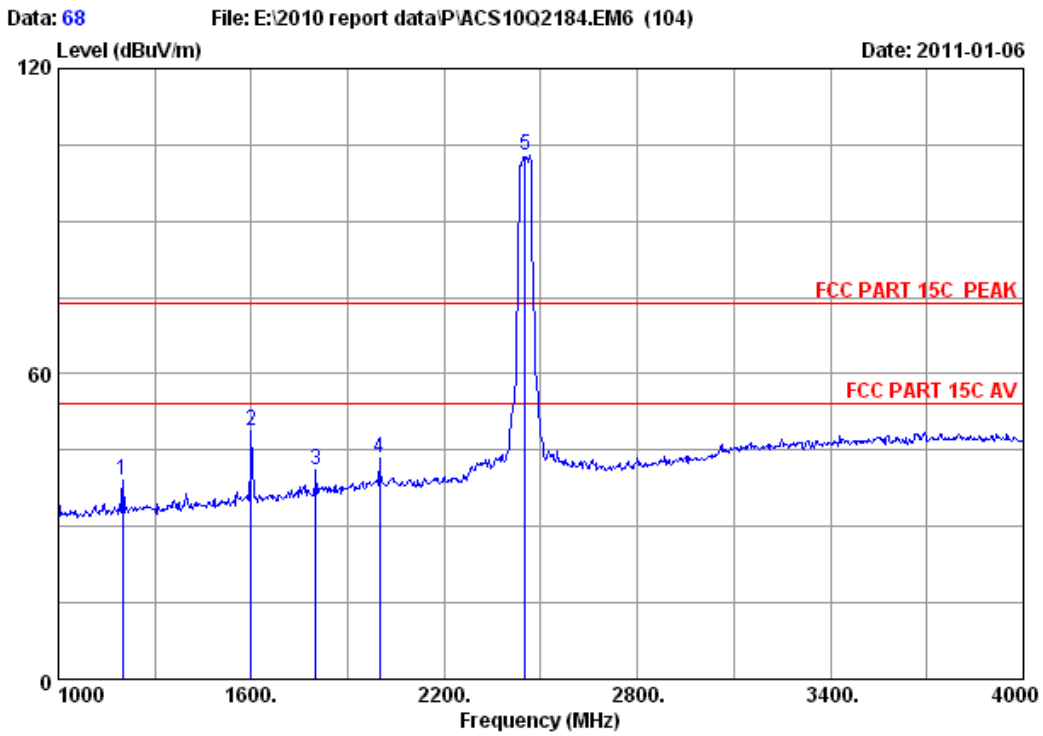
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 10m Chamber Data no. : 67
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH7 2452MHz Tx
M/N : PW-RN501D

	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	1201.000	25.81	5.16	37.54	45.23	38.66	74.00	35.34	Peak
2	1600.000	26.96	5.91	36.94	48.86	44.79	74.00	29.21	Peak
3	1999.000	29.20	6.63	36.70	44.33	43.46	74.00	30.54	Peak
4	2452.000	29.47	7.50	36.61	87.70	88.06	74.00	-14.06	Peak

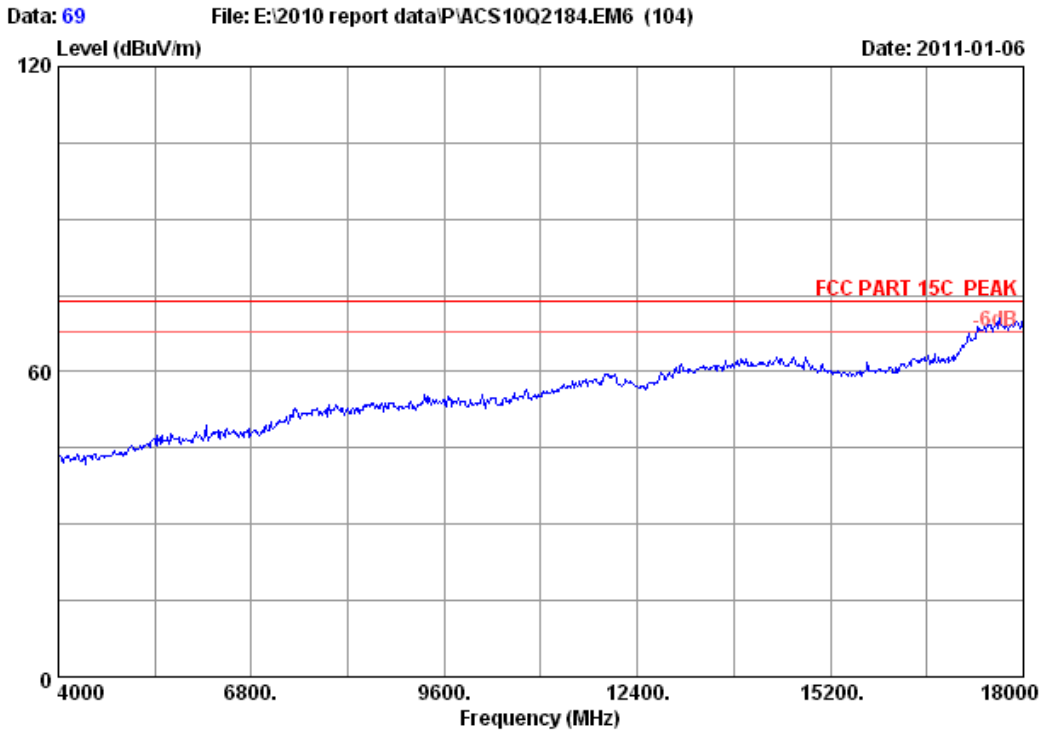
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



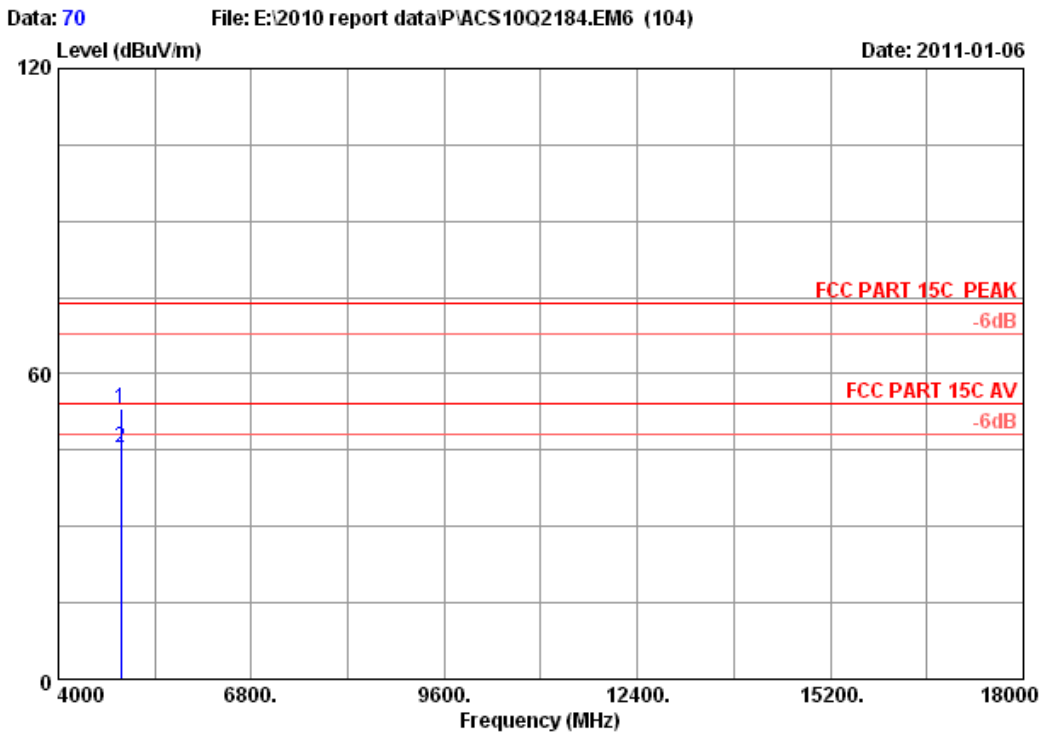
Site no. : 10m Chamber Data no. : 68
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH7 2452MHz Tx
M/N : PW-RN501D

	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	1201.000	25.81	5.16	37.54	45.71	39.14	74.00	34.86	Peak
2	1600.000	26.96	5.91	36.94	52.74	48.67	74.00	25.33	Peak
3	1801.000	28.08	6.29	36.83	43.42	40.96	74.00	33.04	Peak
4	1999.000	29.20	6.63	36.70	44.33	43.46	74.00	30.54	Peak
5	2452.000	29.47	7.50	36.61	102.53	102.89	74.00	-28.89	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.



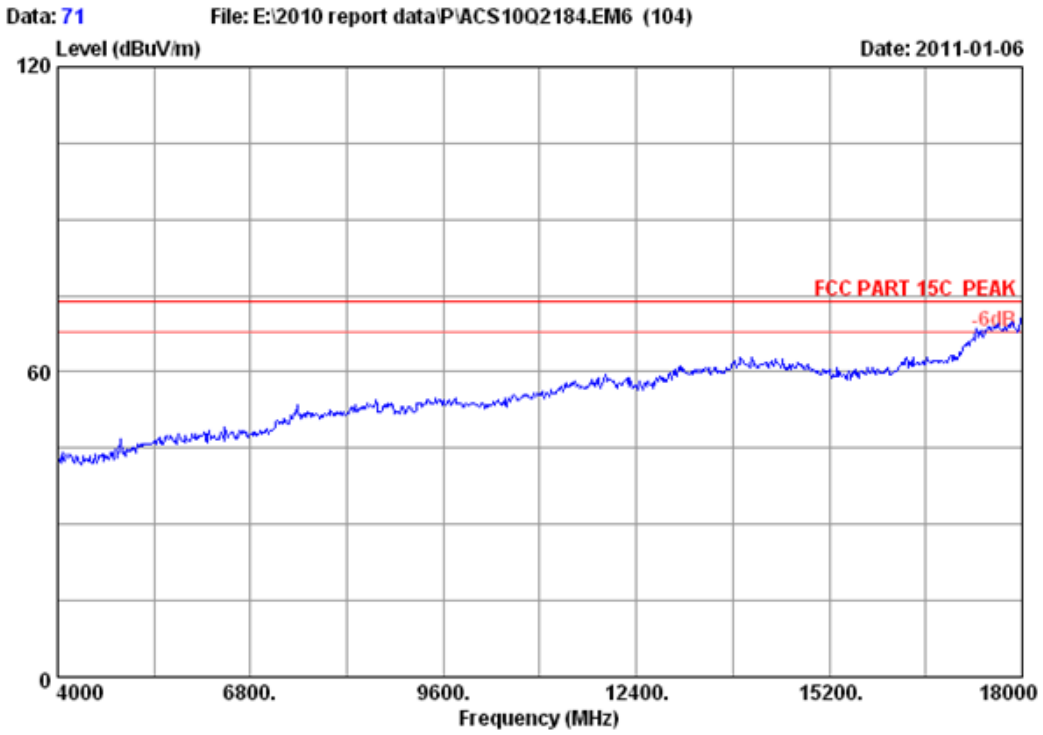

```
Site no.      : 10m Chamber                Data no. :  69
Dis. / Ant.   : 3m   3115(0911)            Ant. pol. : HORIZONTAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                   Engineer  : Sunny-lu
EUT           : 300Mbps Wireless N Router
Power         : DC 9V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH7 2452MHz  Tx
M/N           : PW-RN501D
```



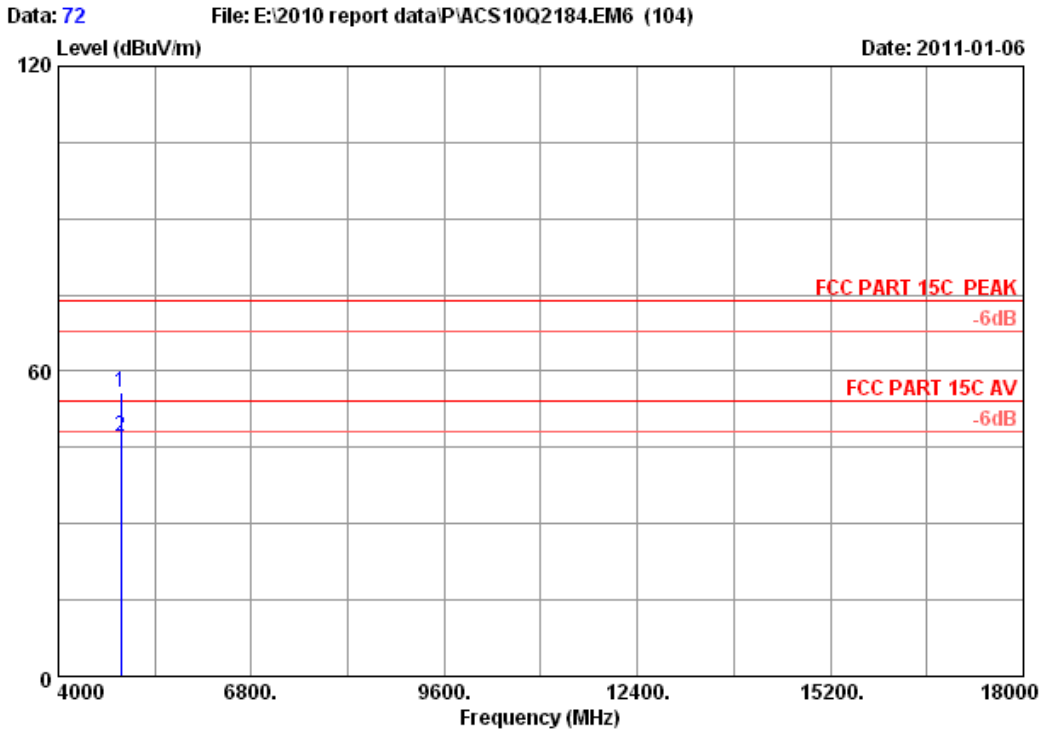
Site no. : 10m Chamber Data no. : 70
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH7 2452MHz Tx
M/N : PW-RN501D

	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	34.46	10.74	35.00	42.99	53.19	74.00	20.81	Peak
2	4904.000	34.46	10.74	35.00	35.19	45.39	54.00	8.61	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.      : 10m Chamber                Data no. :  71
Dis. / Ant.   : 3m   3115(0911)            Ant. pol. : VERTICAL
Limit         : FCC PART 15C  PEAK
Env. / Ins.   : 23*C/54%                   Engineer  : Sunny-lu
EUT           : 300Mbps Wireless N Router
Power         : DC 9V From Adapter Input AC 120V/60Hz
Test mode     : IEEE802.11n HT40 CH7 2452MHz  Tx
M/N           : PW-RN501D
```



Site no. : 10m Chamber Data no. : 72
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11n HT40 CH7 2452MHz Tx
M/N : PW-RN501D

	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	34.46	10.74	35.00	45.46	55.66	74.00	18.34	Peak
2	4904.000	34.46	10.74	35.00	36.97	47.17	54.00	6.83	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.

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.08,10	1 Year
2.	Attenuator	Agilent	8491B	MY39262165	May.08,10	1 Year
3.	RF Cable	Hubersuhner	SUCOFLEX102	28618/2	May.08,10	1Year

5.2.Limit

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in 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.

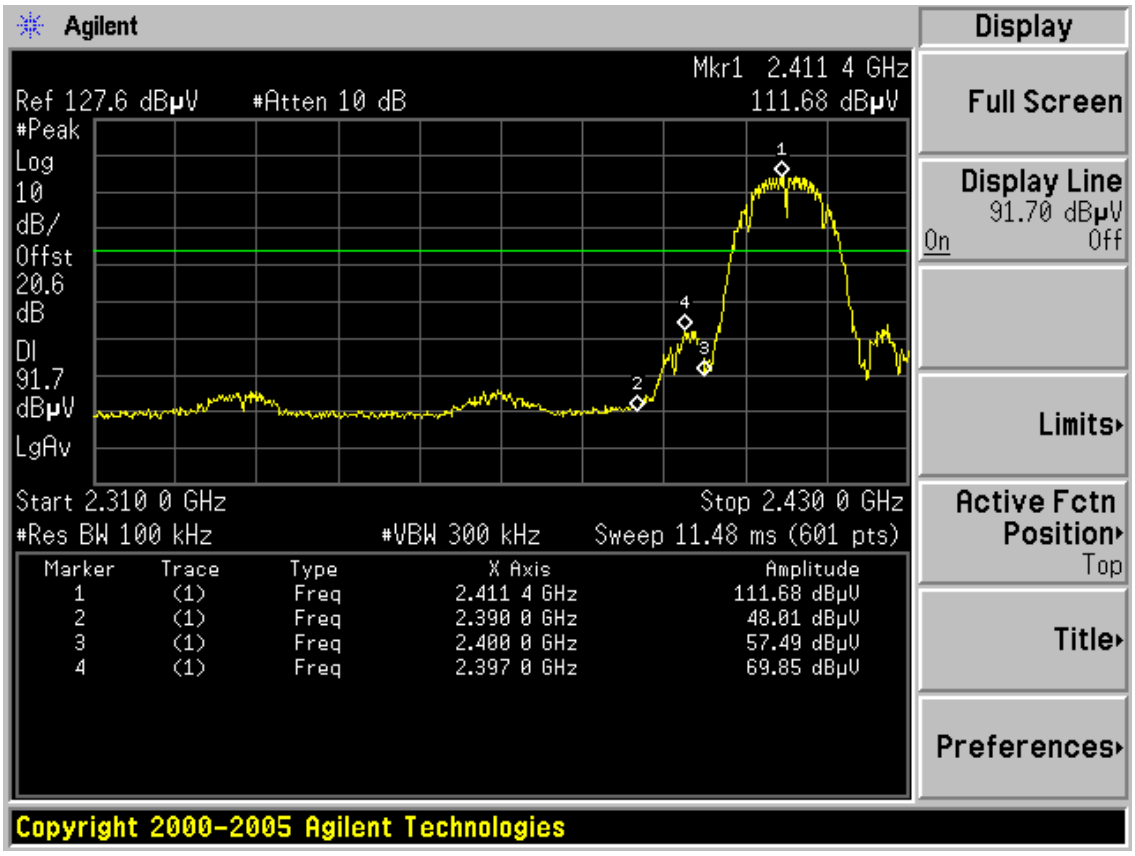
5.3.Test Procedure

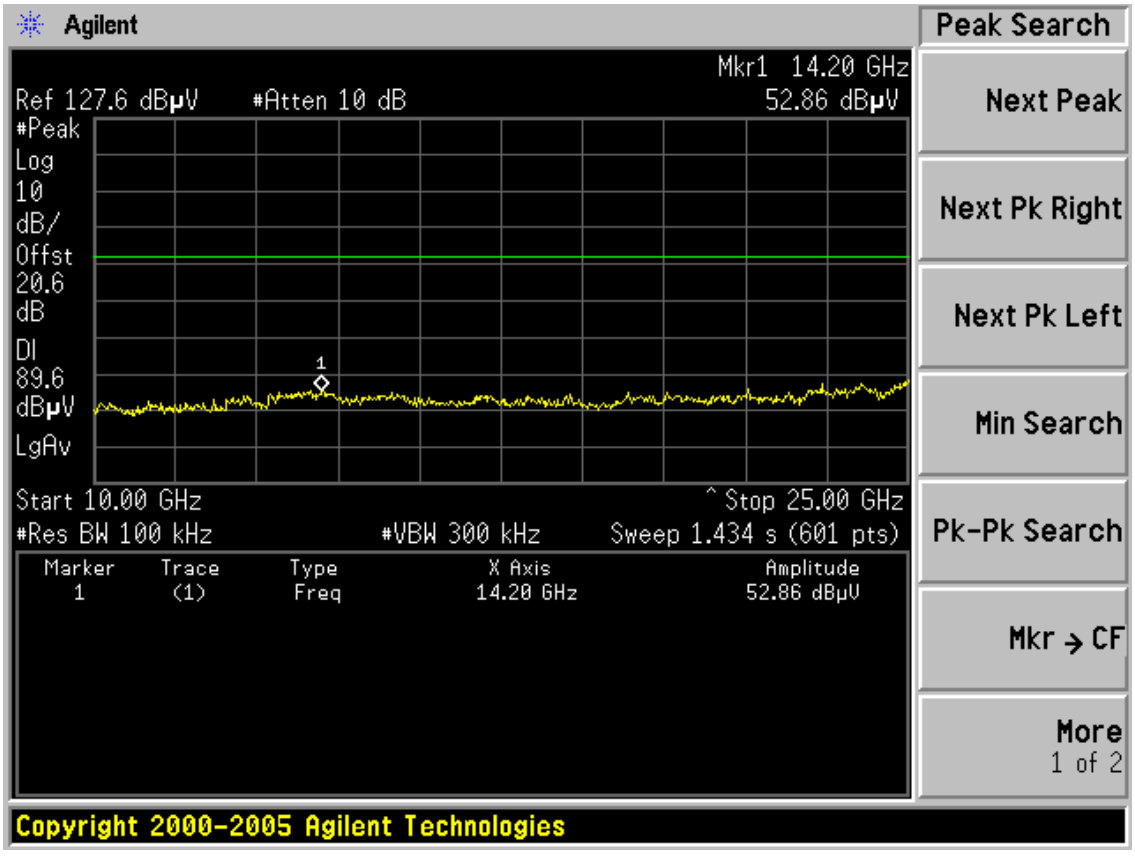
The transmitter output was connected to a spectrum analyzer, The resolution bandwidth is set to 100 kHz, The video bandwidth is set to 300 kHz and measure all the emissions detected.

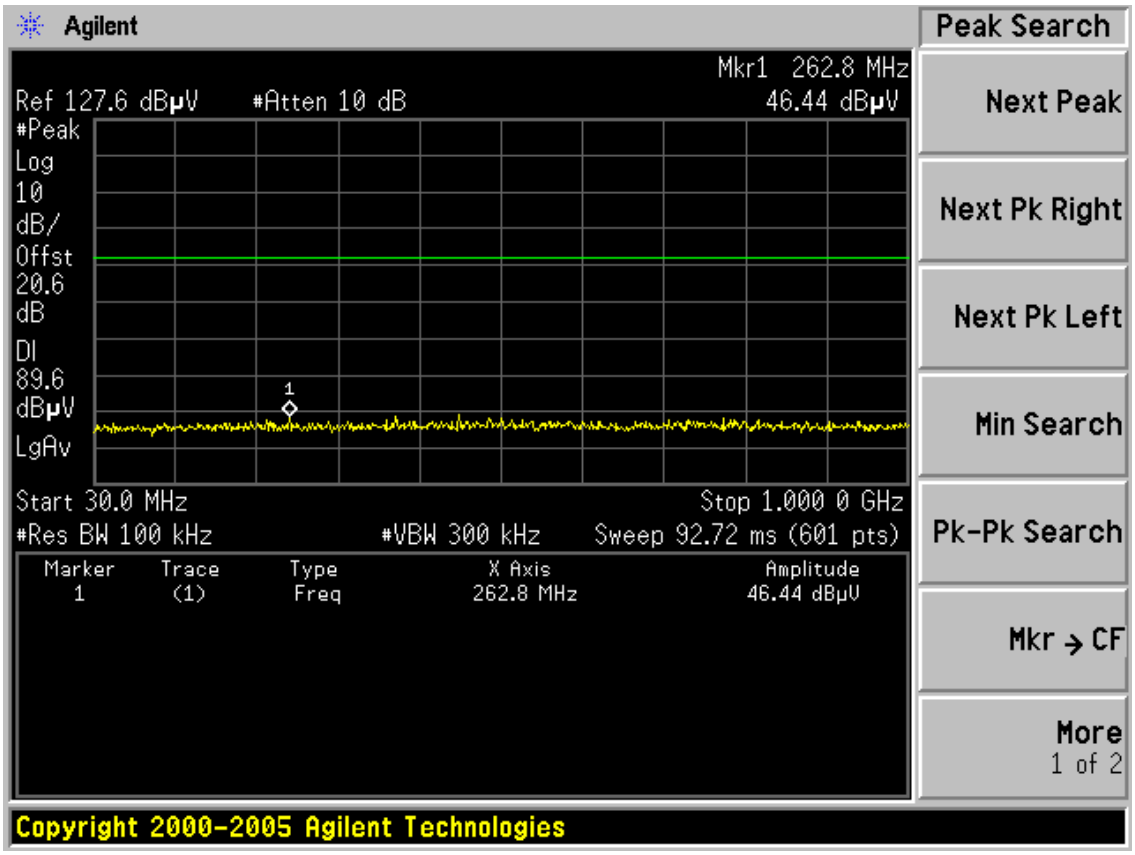
5.4.Test result

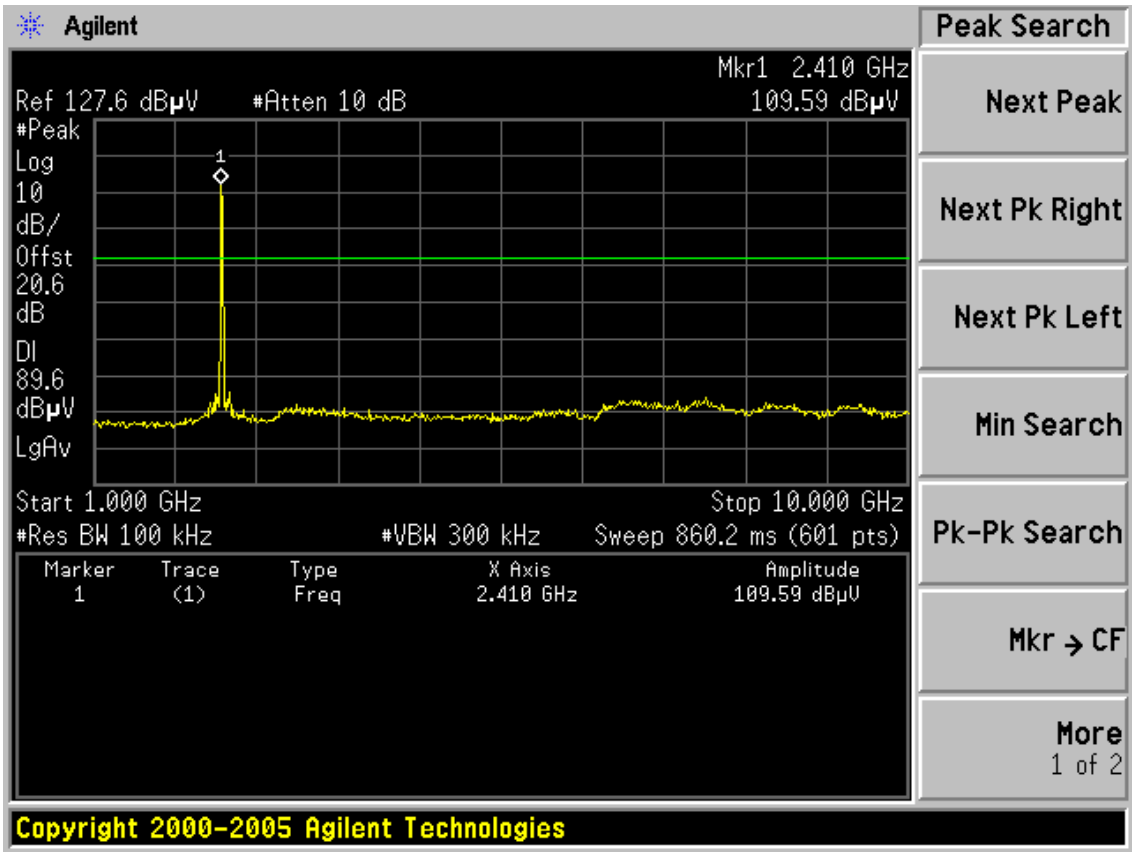
PASS (The testing data was attached in the next pages.)

Chain0
Test Mode: IEEE 802.11b TX
CH1

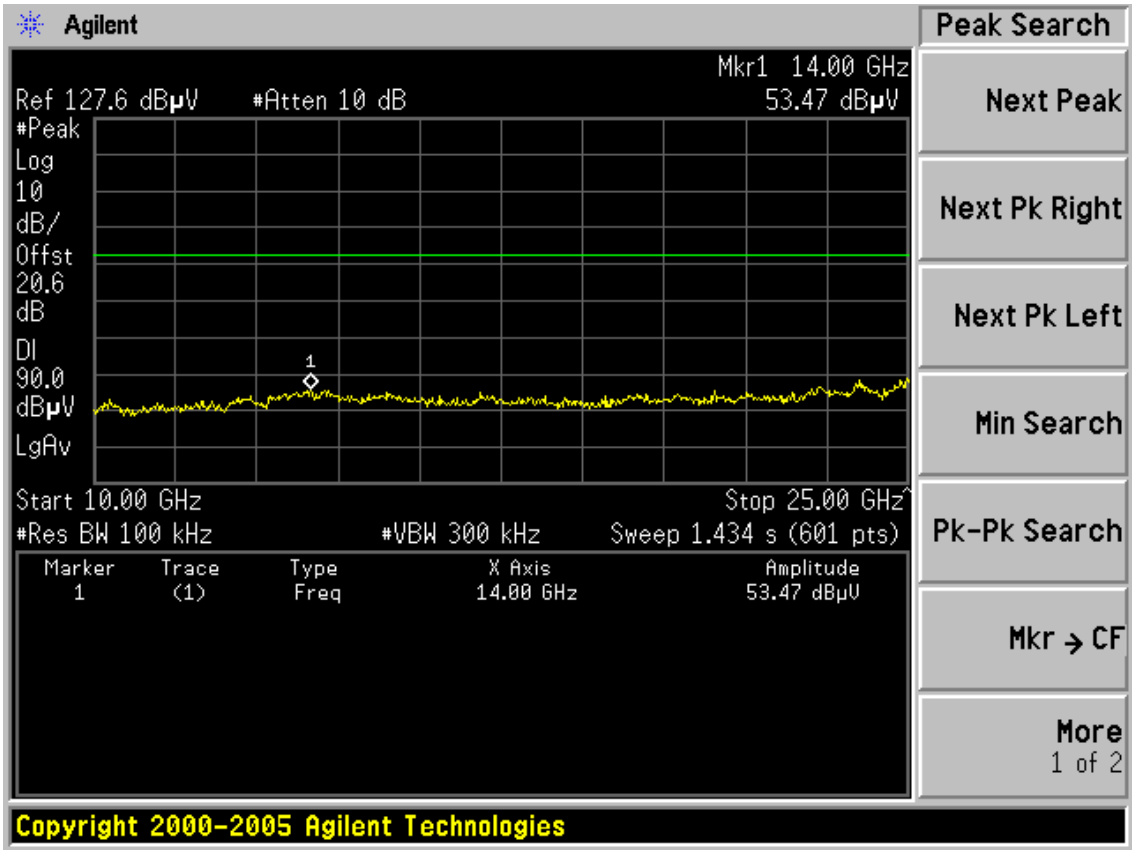


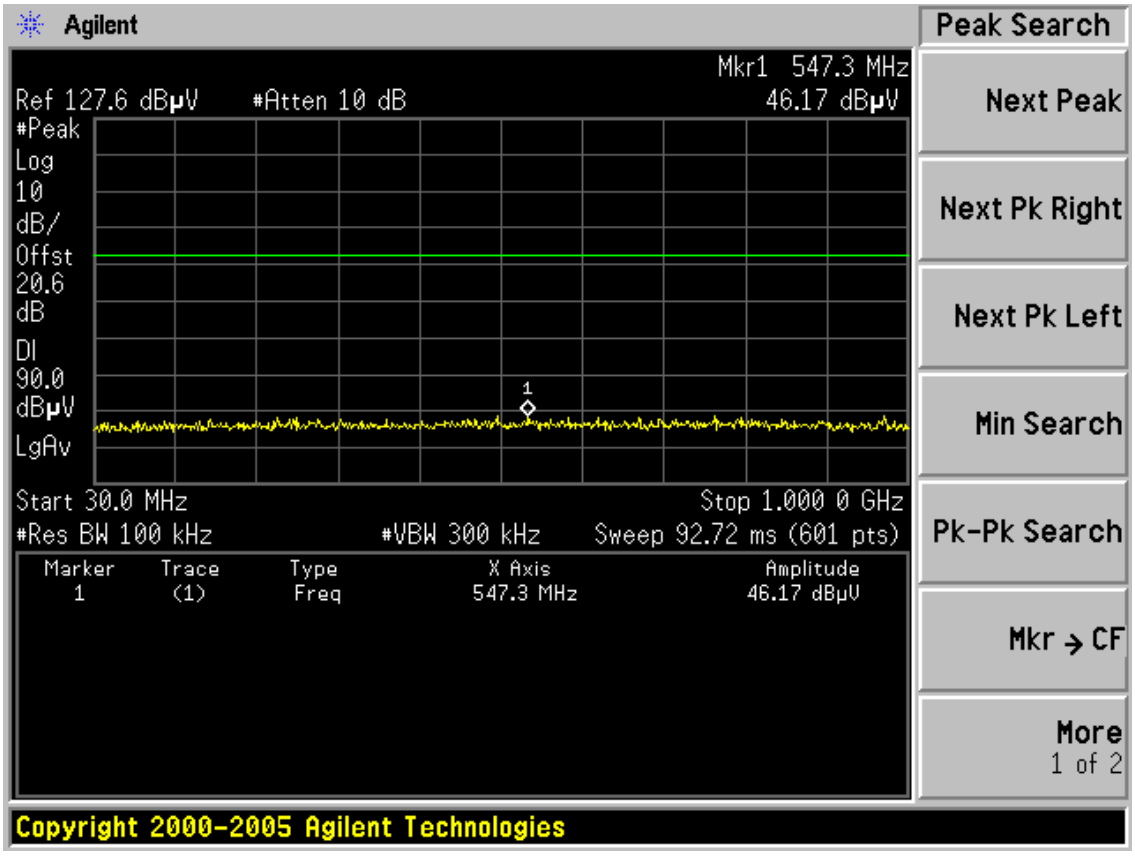


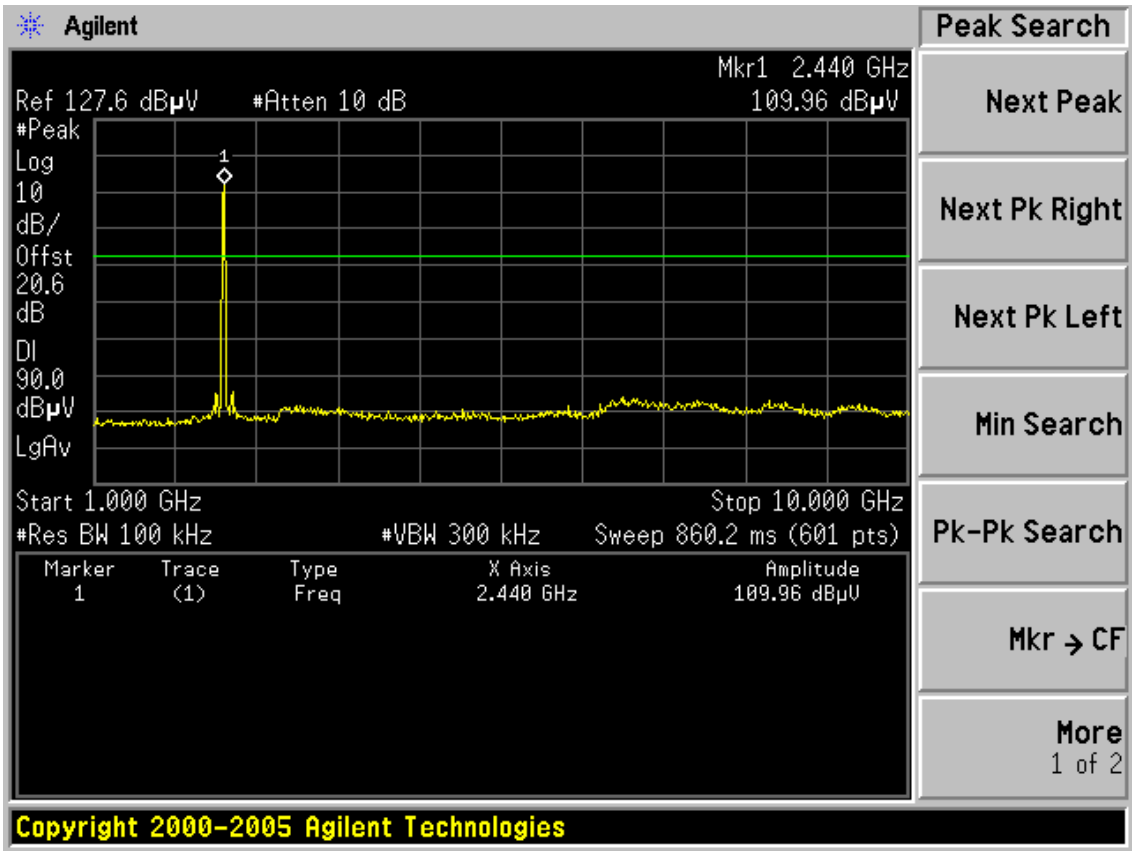

Agilent
Peak Search
Mkr1 262.8 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.44 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
89.6
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 262.8 MHz 46.44 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.410 GHz
Ref 127.6 dBµV
#Atten 10 dB
109.59 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
89.6
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.410 GHz 109.59 dBµV
Copyright 2000-2005 Agilent Technologies

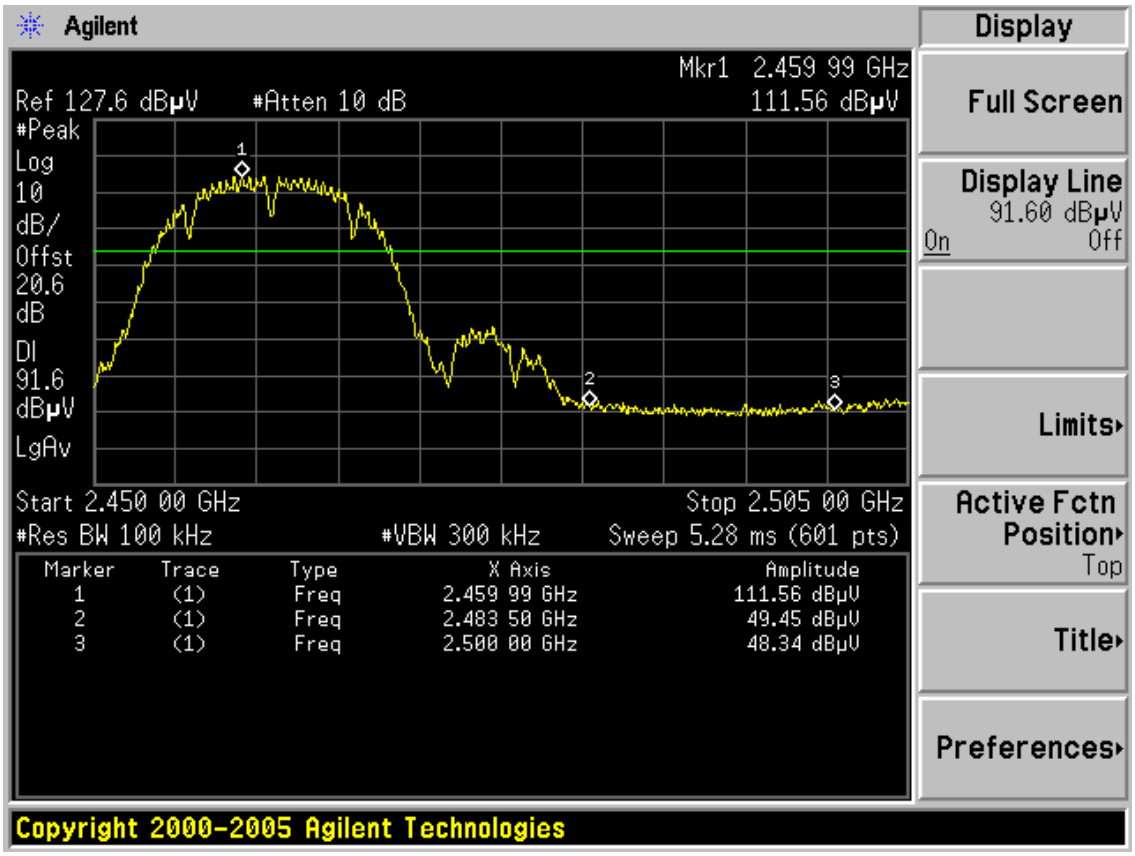
CH6

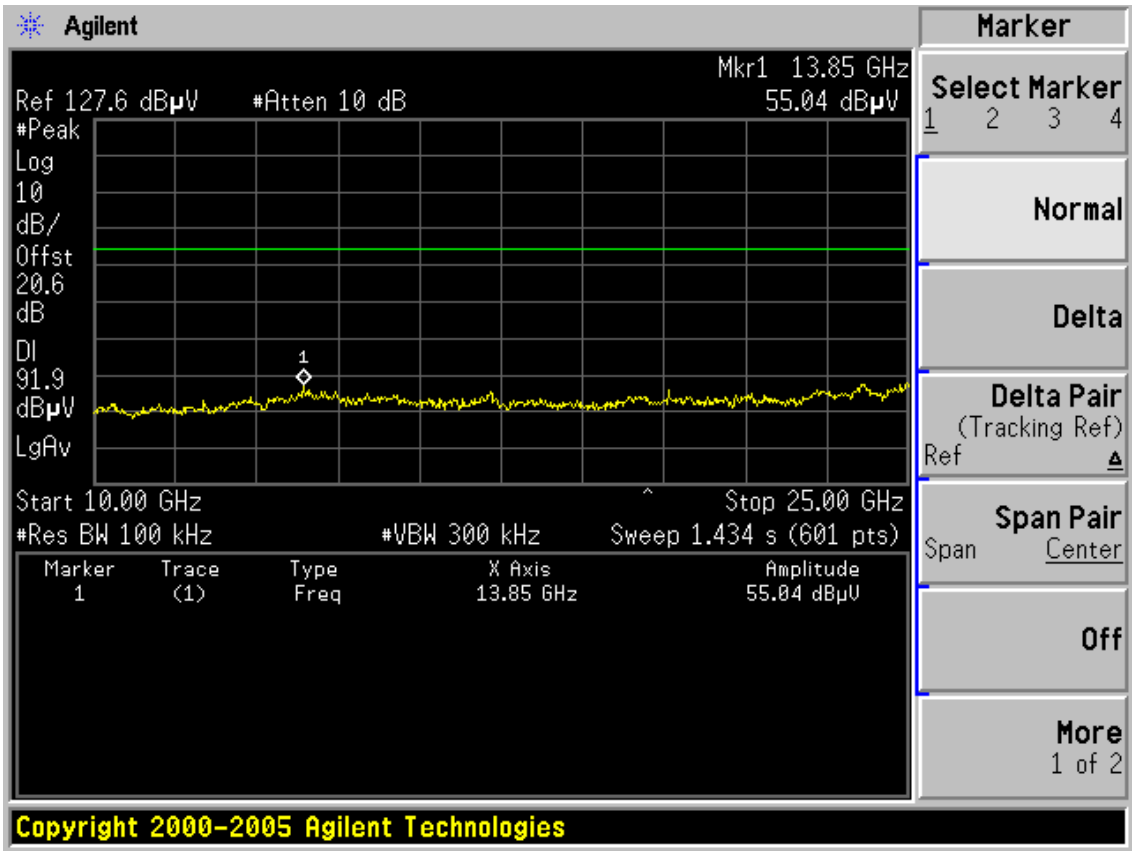

Agilent
Peak Search
Mkr1 14.00 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.47 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
90.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 14.00 GHz 53.47 dBµV
Copyright 2000-2005 Agilent Technologies

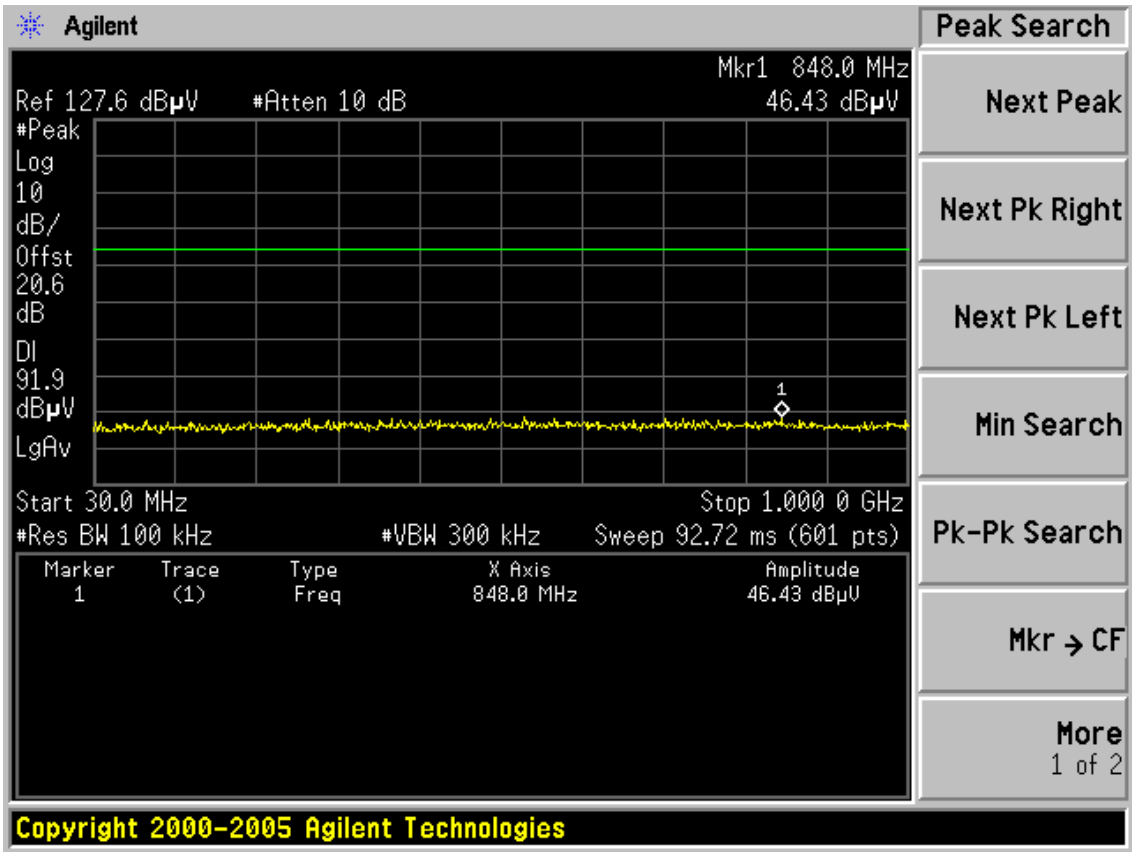

Agilent
Peak Search
Mkr1 547.3 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.17 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
90.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 547.3 MHz 46.17 dBµV
Copyright 2000-2005 Agilent Technologies

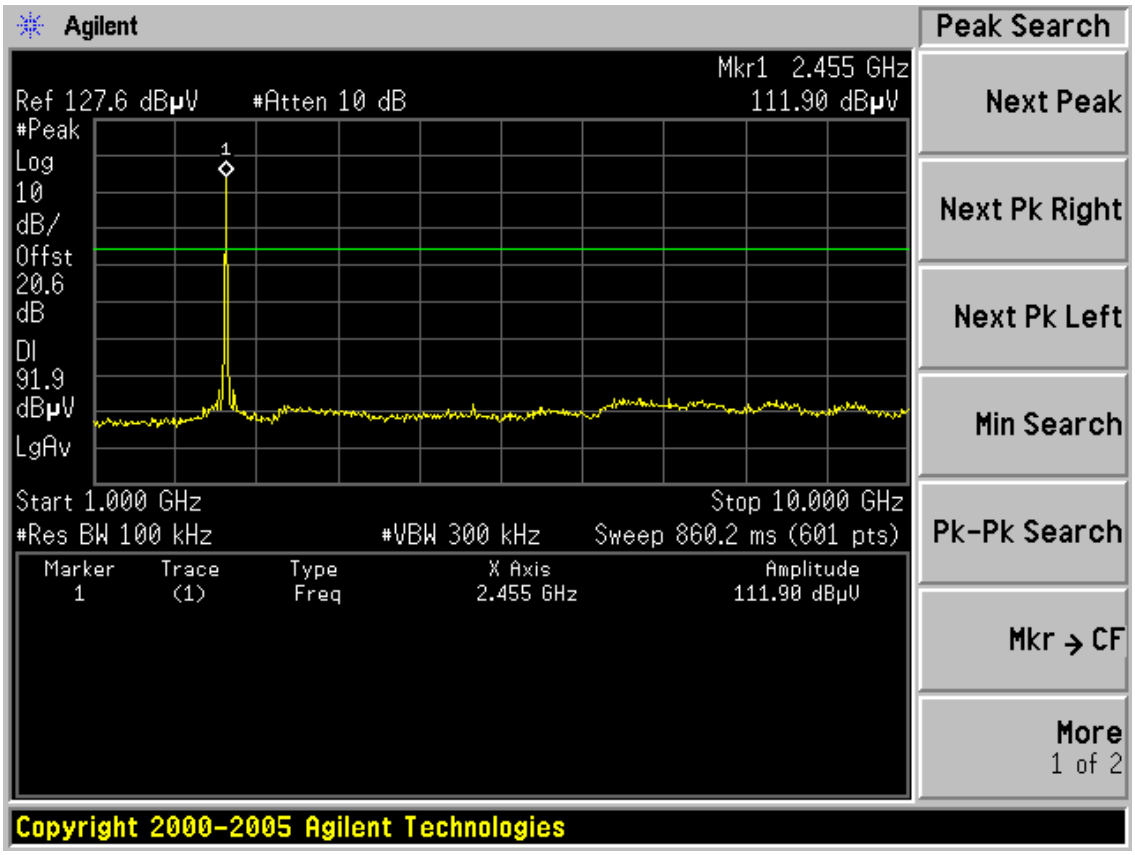

Agilent
Peak Search
Mkr1 2.440 GHz
Ref 127.6 dBµV
#Atten 10 dB
109.96 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
90.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.440 GHz 109.96 dBµV
Copyright 2000-2005 Agilent Technologies

CH11

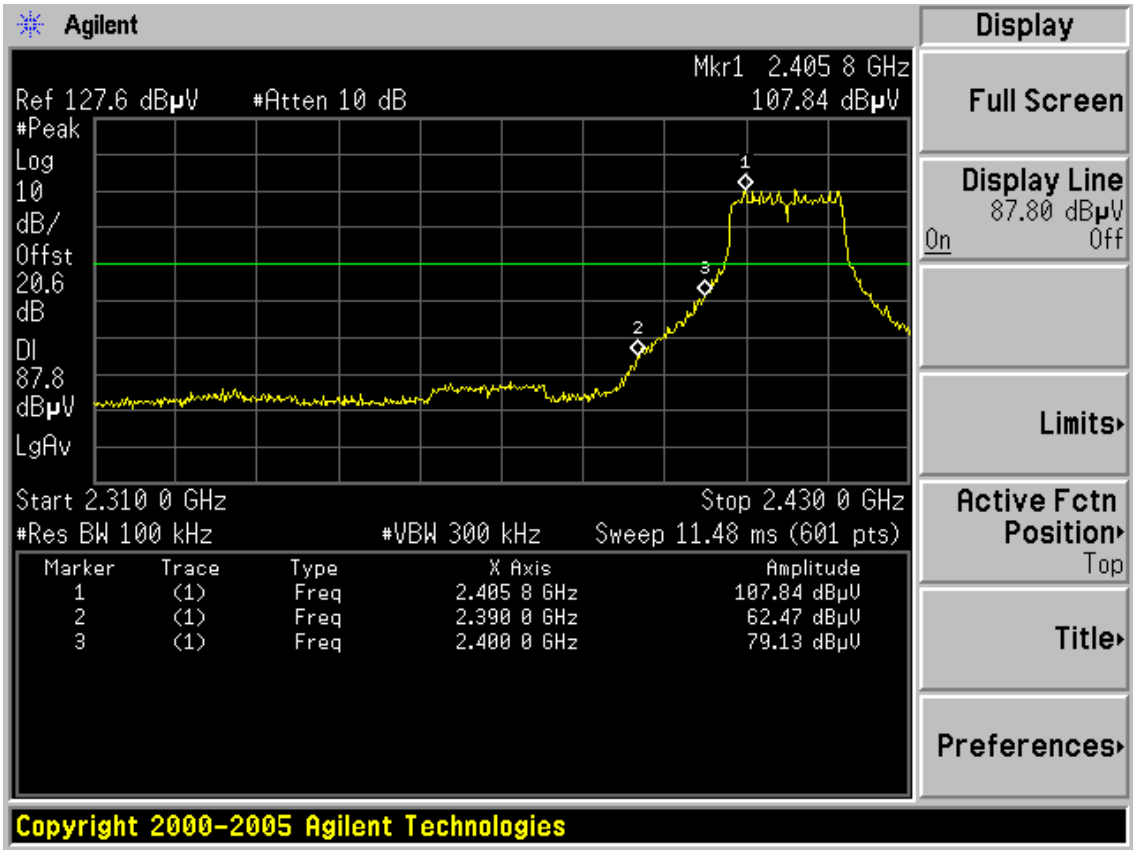

Agilent
Display
Mkr1 2.459 99 GHz
Ref 127.6 dBµV
#Atten 10 dB
111.56 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
91.6
dBµV
LgAv
Full Screen
Display Line
91.60 dBµV
On Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 2.450 00 GHz
Stop 2.505 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.28 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.459 99 GHz 111.56 dBµV
2 (1) Freq 2.483 50 GHz 49.45 dBµV
3 (1) Freq 2.500 00 GHz 48.34 dBµV
Copyright 2000-2005 Agilent Technologies

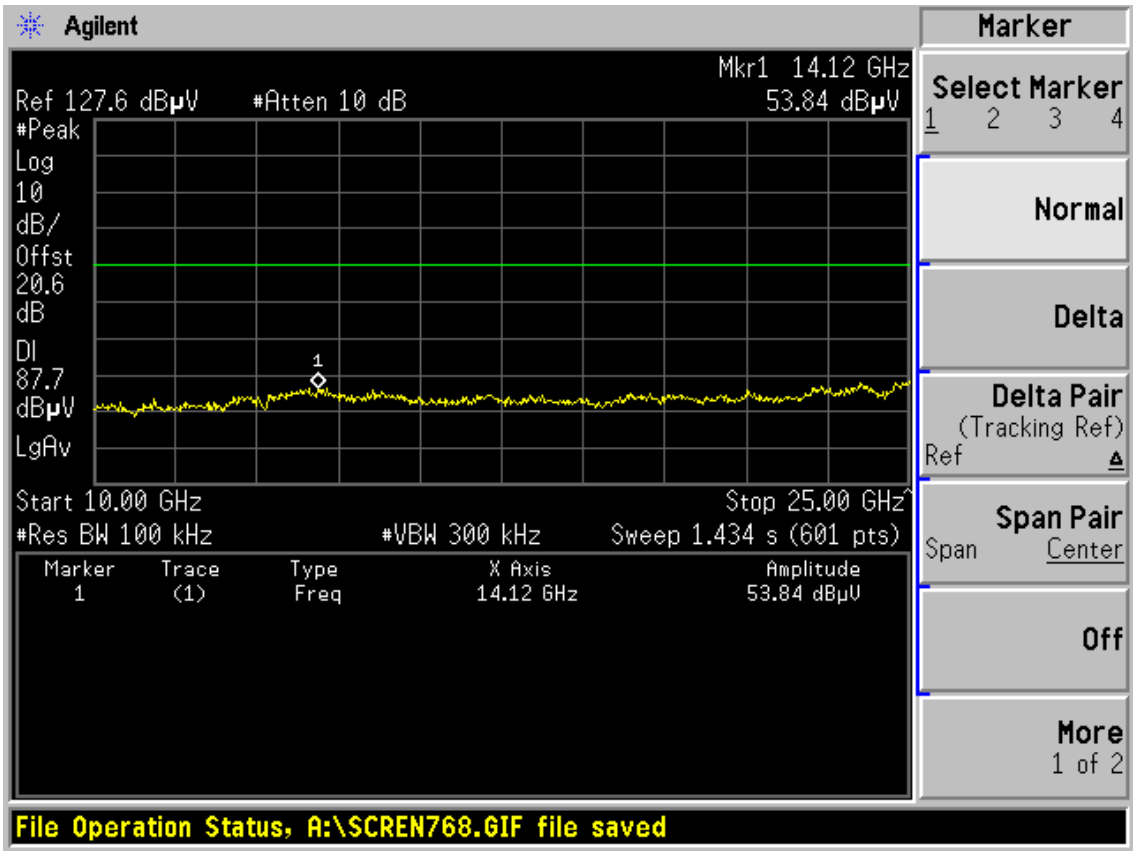

Agilent
Marker
Mkr1 13.85 GHz
Ref 127.6 dBµV
#Atten 10 dB
55.04 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
91.9
dBµV
LgAv
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.85 GHz 55.04 dBµV
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies

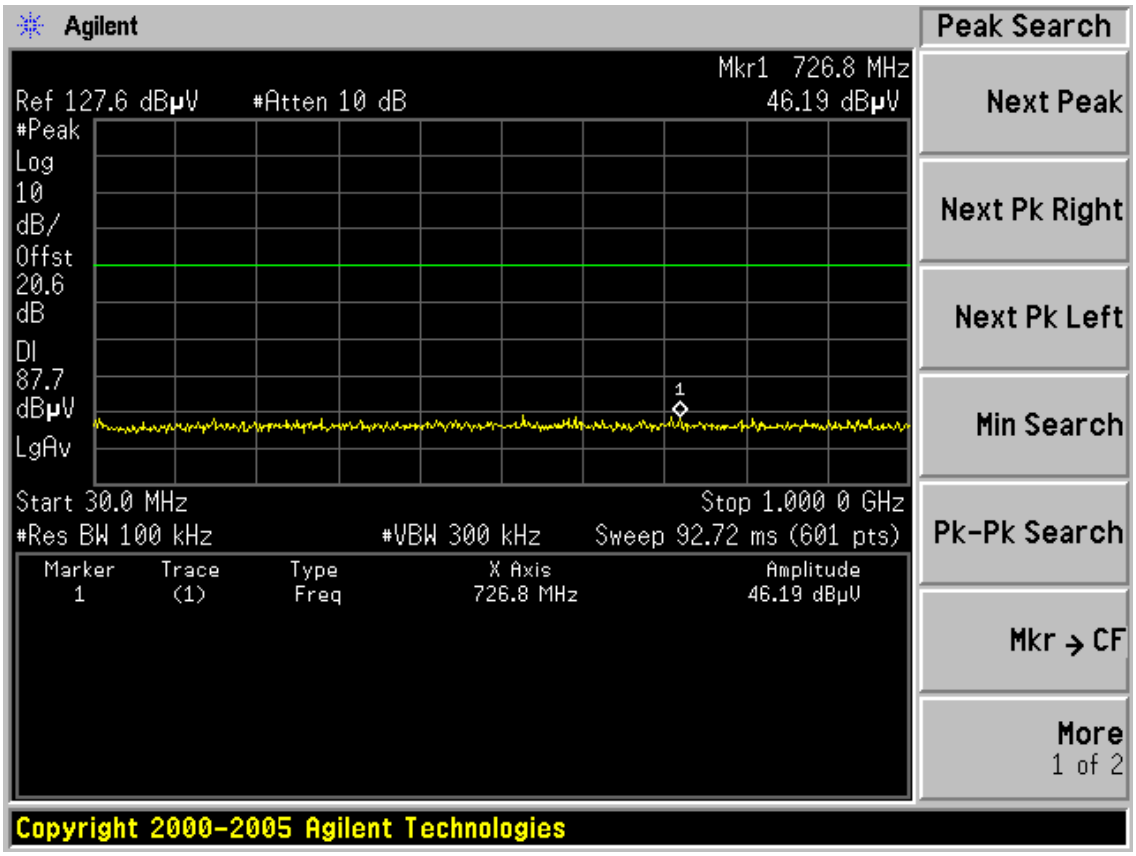

Agilent
Peak Search
Mkr1 848.0 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.43 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
91.9
dBµV
LgAv
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 848.0 MHz 46.43 dBµV
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Copyright 2000-2005 Agilent Technologies

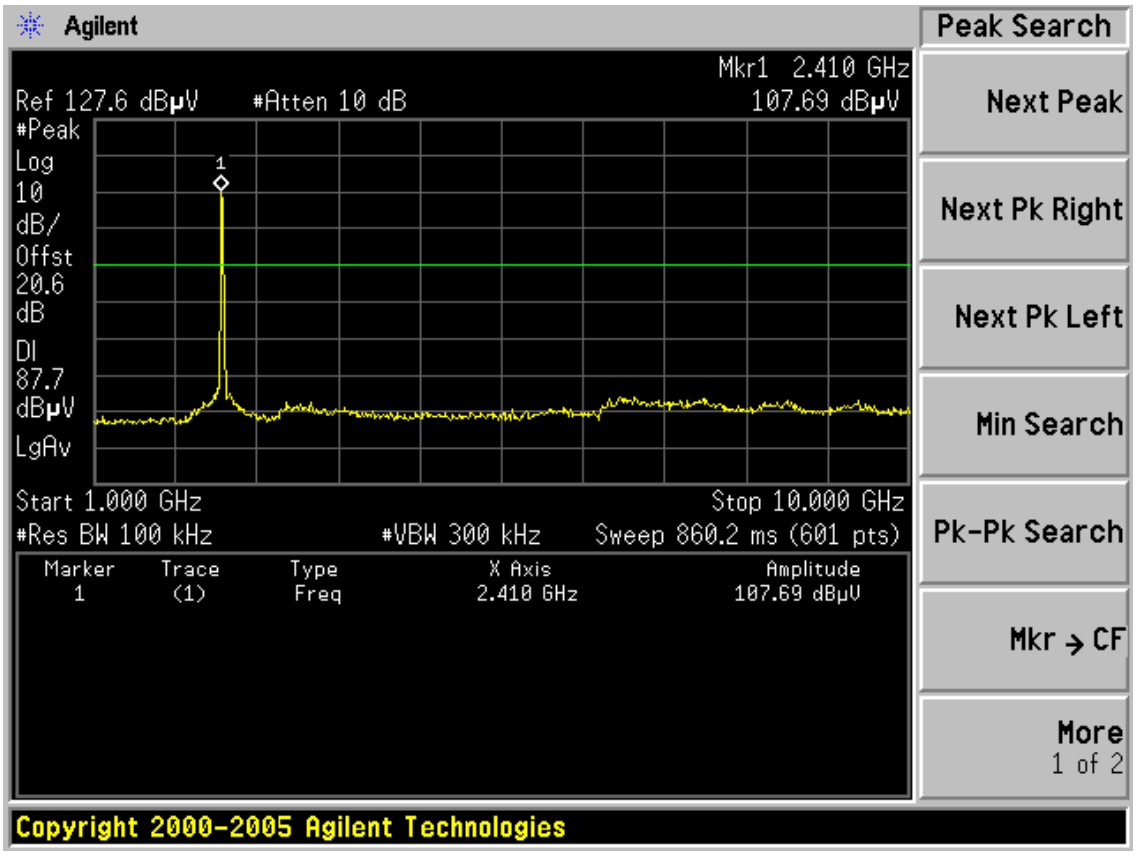


Test Mode: IEEE 802.11g TX
CH1

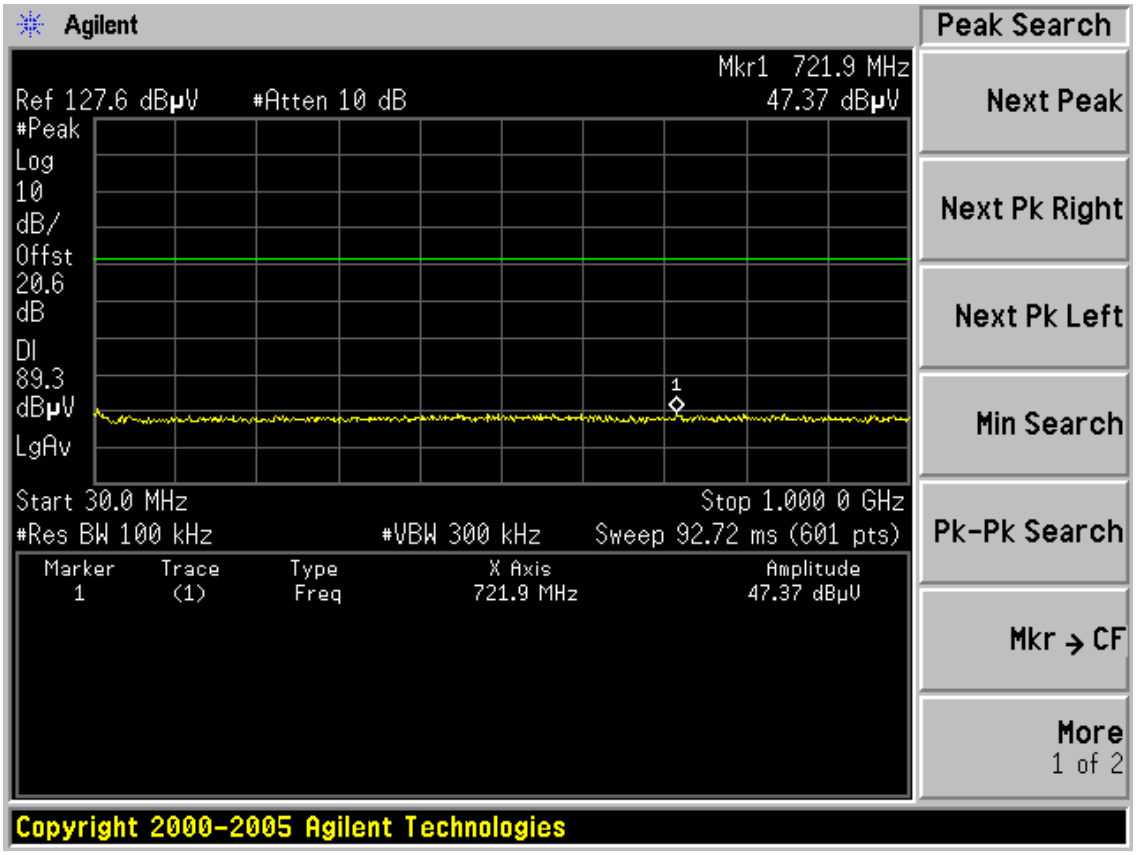


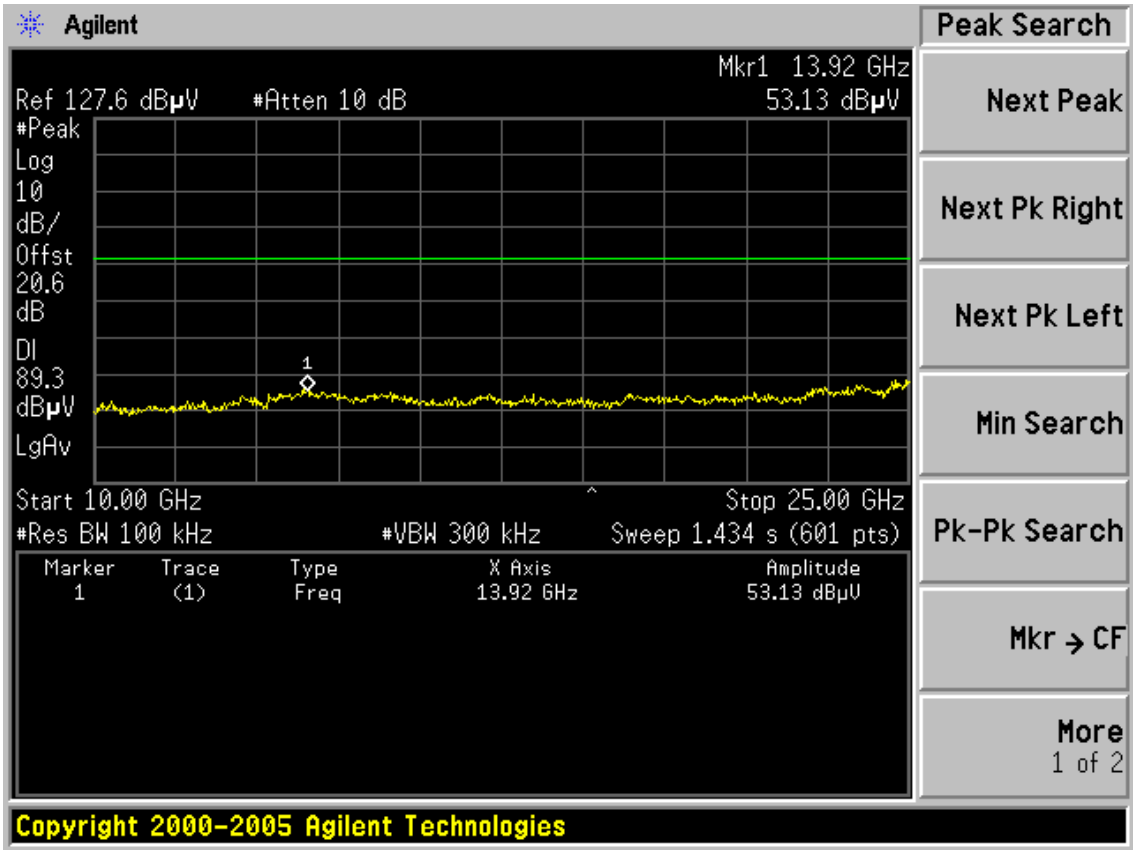

Agilent
Marker
Mkr1 14.12 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.84 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
87.7
dBµV
LgAv
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 14.12 GHz 53.84 dBµV
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
File Operation Status, A:\SCREN768.GIF file saved

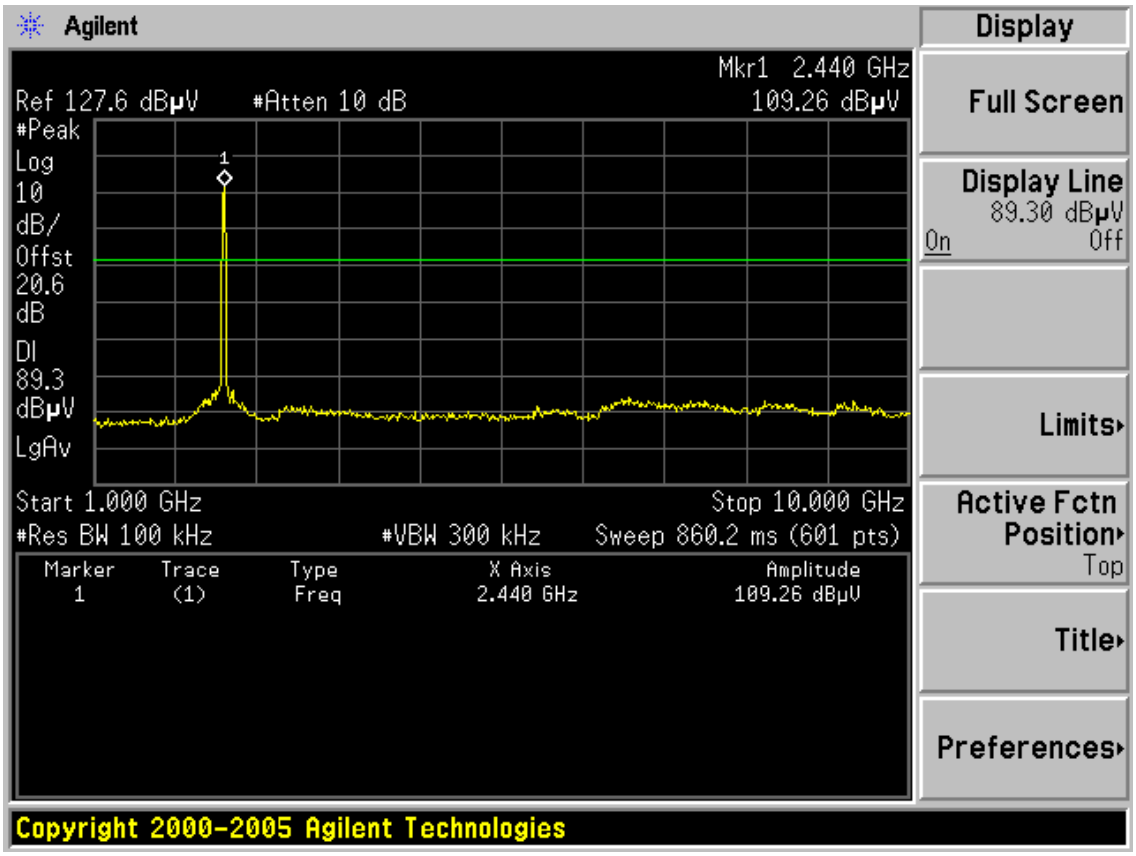

Agilent
Peak Search
Mkr1 726.8 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.19 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
87.7
dBµV
LgAv
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 726.8 MHz 46.19 dBµV
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.410 GHz
Ref 127.6 dBµV
#Atten 10 dB
107.69 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
87.7
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.410 GHz 107.69 dBµV
Copyright 2000-2005 Agilent Technologies

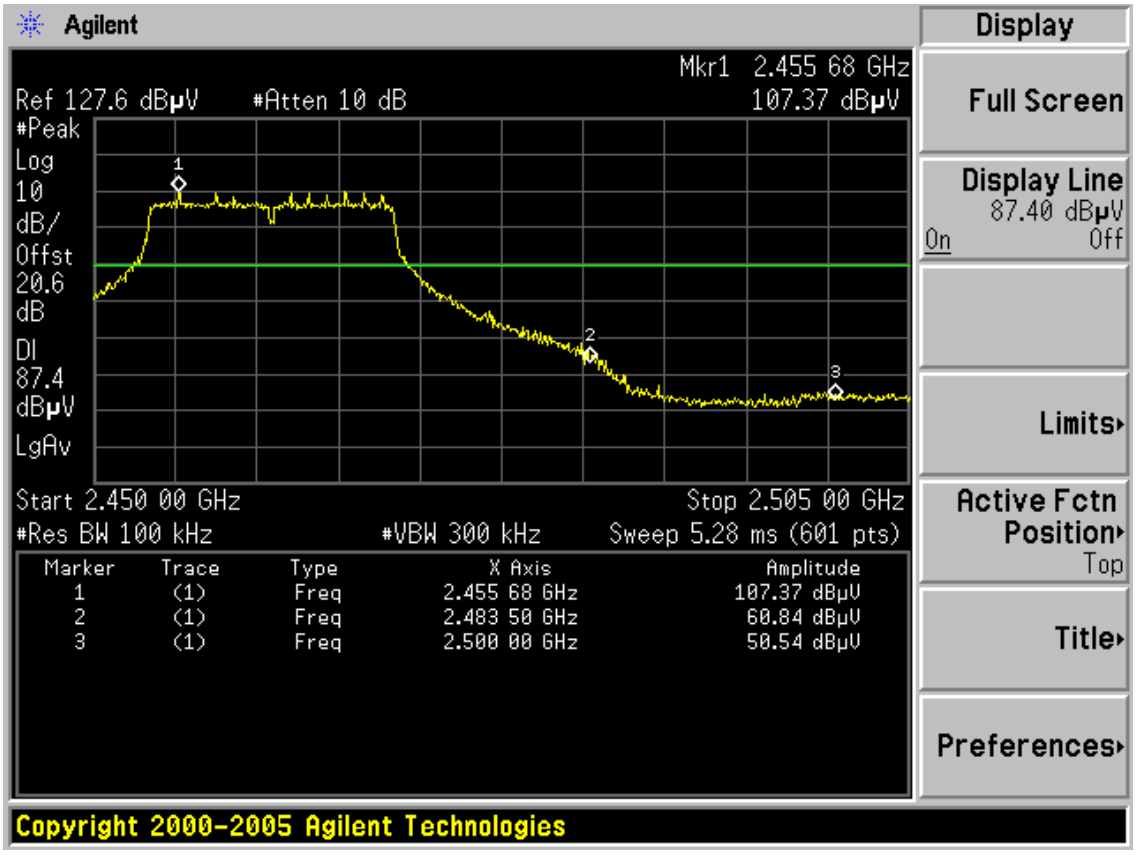
CH6

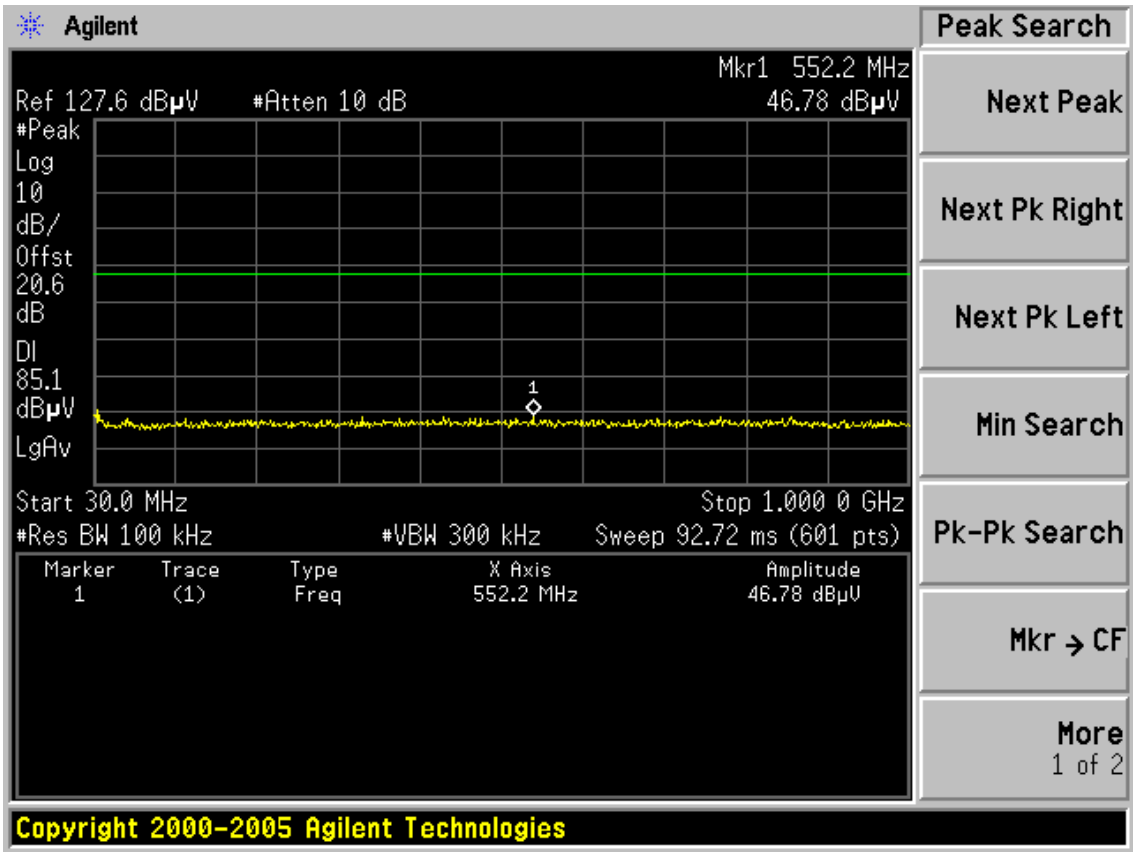

Agilent
Peak Search
Mkr1 721.9 MHz
Ref 127.6 dBµV
#Atten 10 dB
47.37 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
89.3
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 721.9 MHz 47.37 dBµV
Copyright 2000-2005 Agilent Technologies

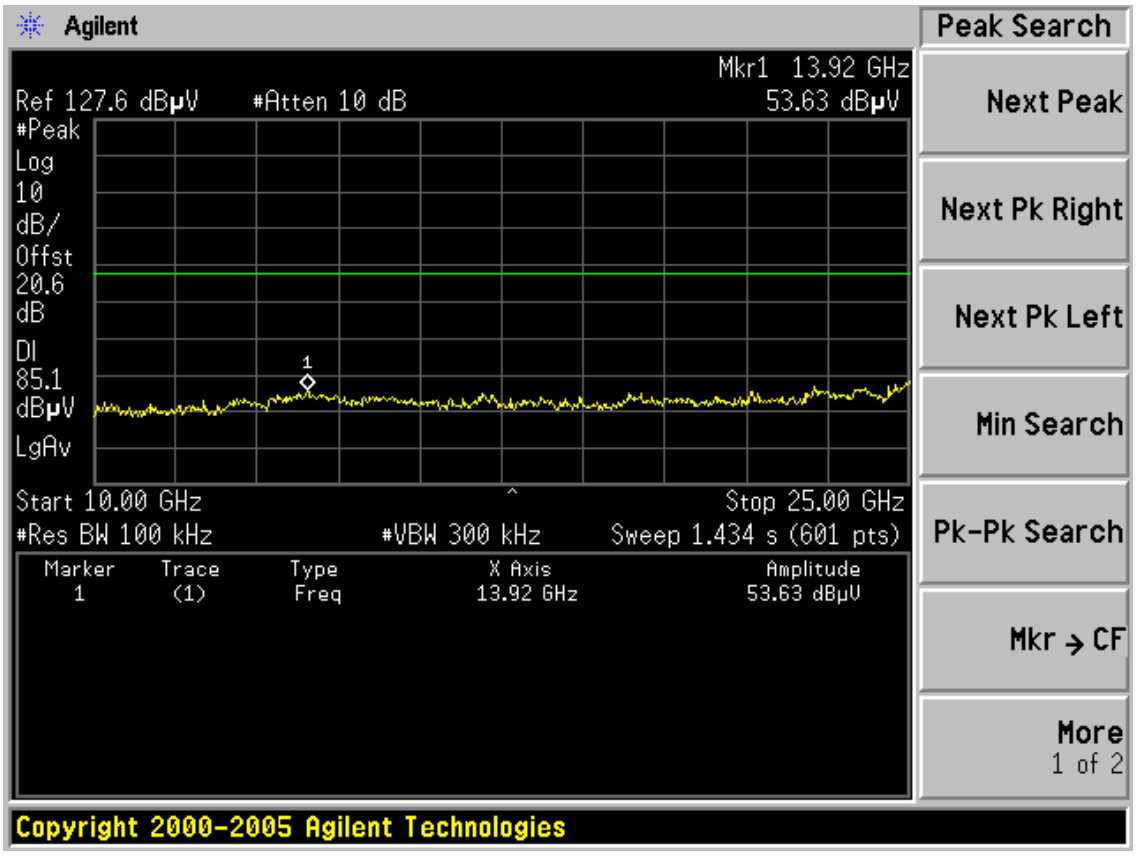

Agilent
Peak Search
Mkr1 13.92 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.13 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
89.3
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.92 GHz 53.13 dBµV
Copyright 2000-2005 Agilent Technologies

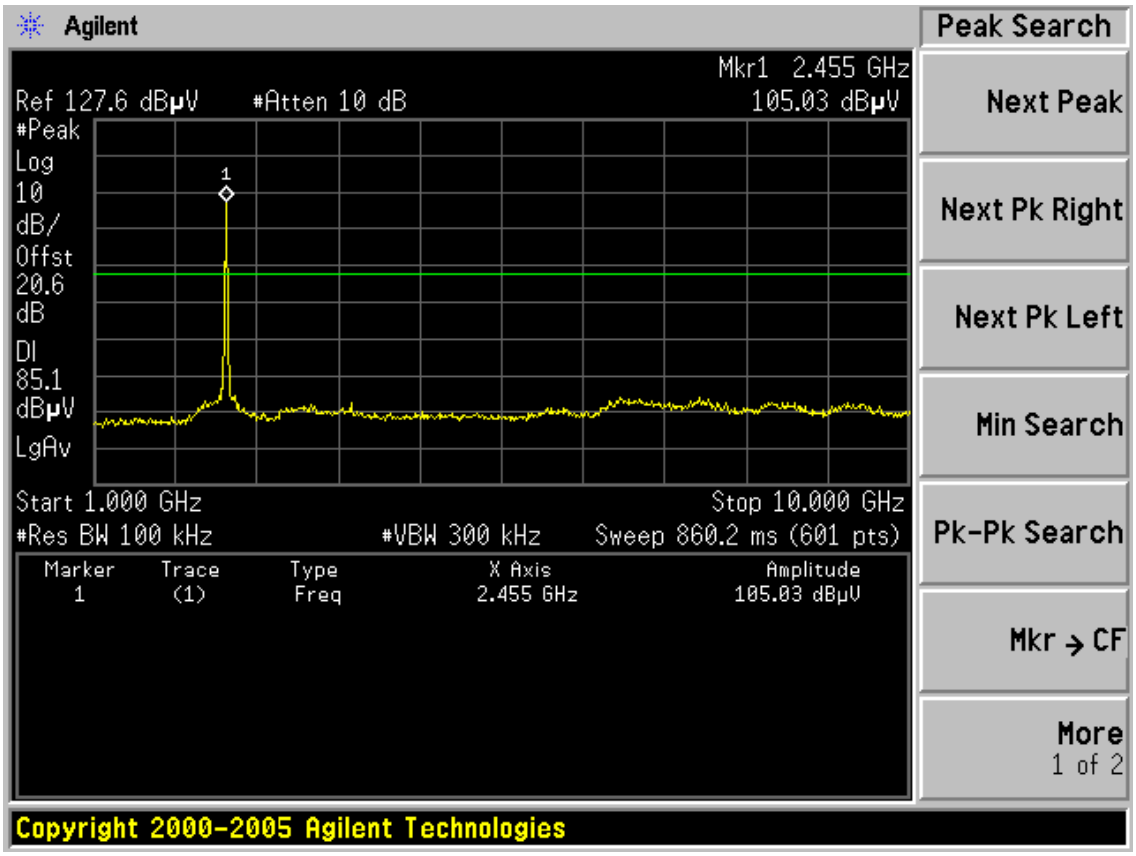

Agilent
Display
Mkr1 2.440 GHz
Ref 127.6 dBµV
#Atten 10 dB
109.26 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
89.3
dBµV
LgAv
Full Screen
Display Line
89.30 dBµV
On Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.440 GHz 109.26 dBµV
Copyright 2000-2005 Agilent Technologies

CH11

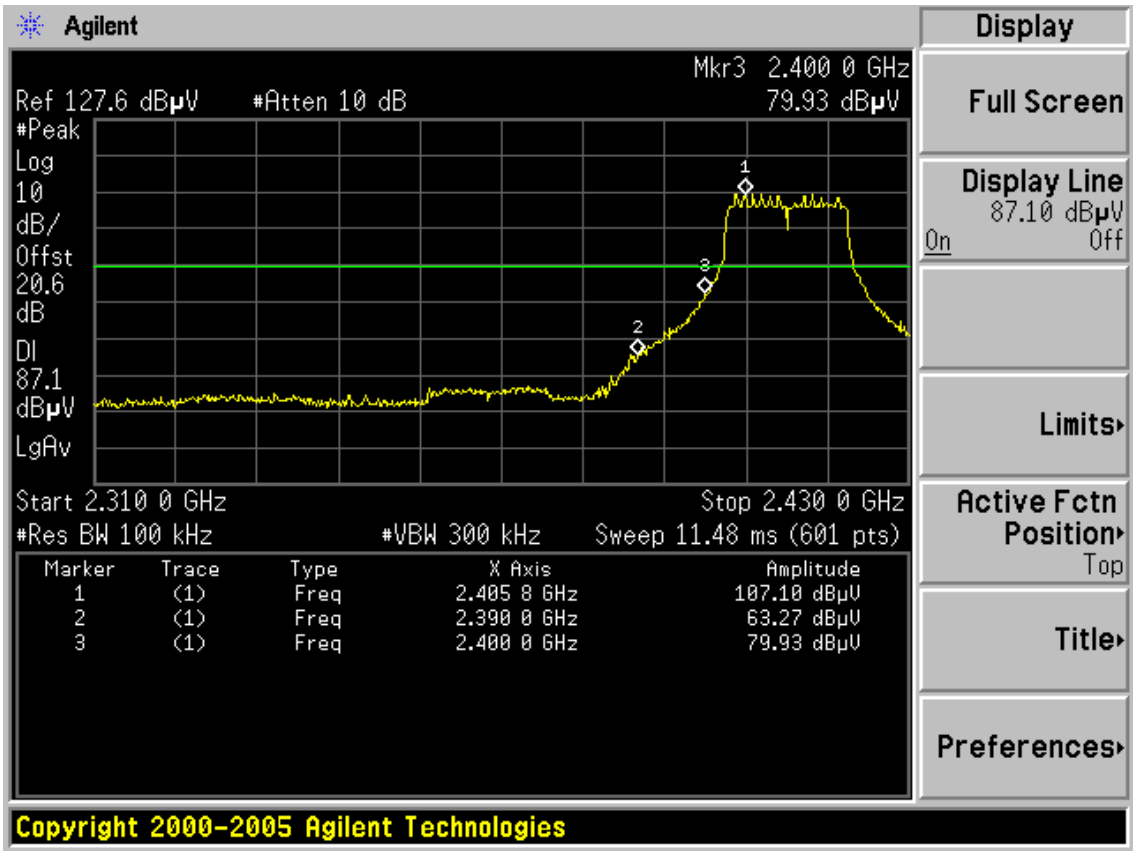

Agilent
Display
Mkr1 2.455 68 GHz
Ref 127.6 dBµV
#Atten 10 dB
107.37 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
87.4
dBµV
LgAv
Full Screen
Display Line
87.40 dBµV
On
Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 2.450 00 GHz
Stop 2.505 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.28 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.455 68 GHz 107.37 dBµV
2 (1) Freq 2.483 50 GHz 60.84 dBµV
3 (1) Freq 2.500 00 GHz 50.54 dBµV
Copyright 2000-2005 Agilent Technologies

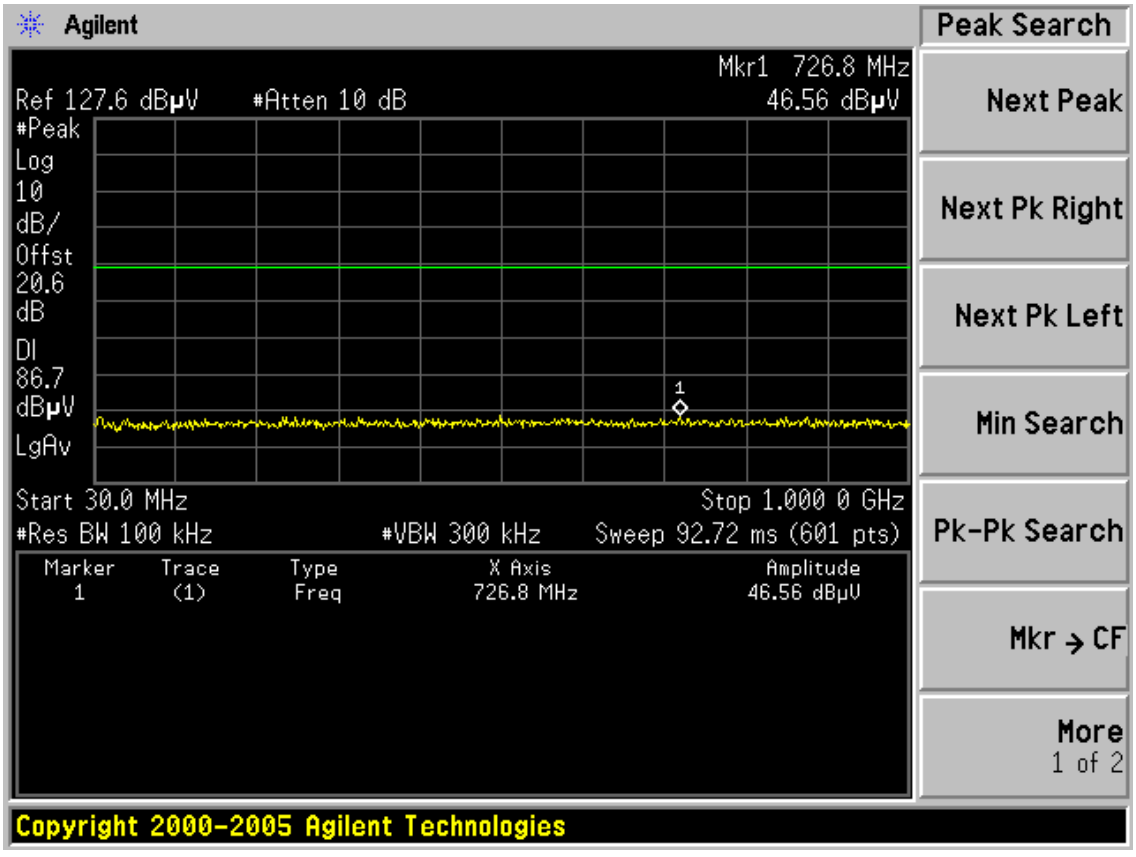

Agilent
Peak Search
Mkr1 552.2 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.78 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.1
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 552.2 MHz 46.78 dBµV
Copyright 2000-2005 Agilent Technologies

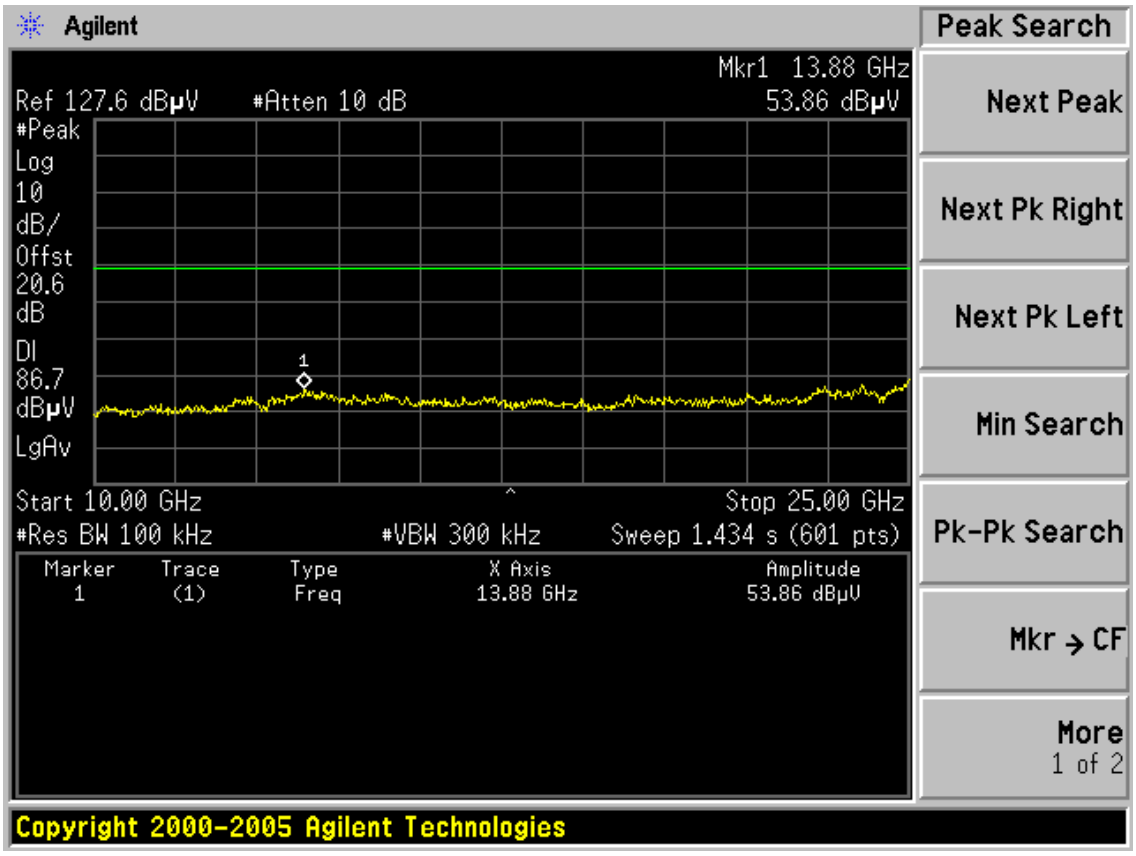

Agilent
Peak Search
Mkr1 13.92 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.63 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.1
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.92 GHz 53.63 dBµV
Copyright 2000-2005 Agilent Technologies

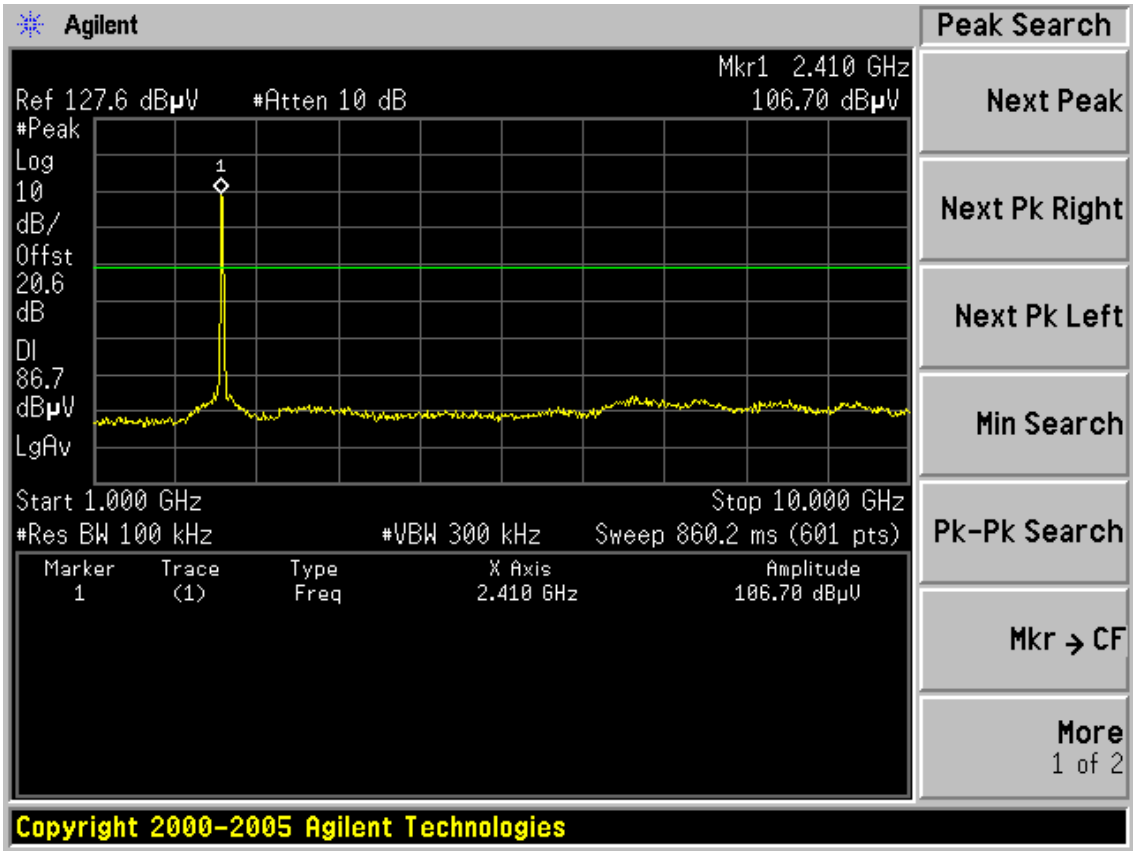

Agilent
Peak Search
Mkr1 2.455 GHz
Ref 127.6 dBµV
#Atten 10 dB
105.03 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.1
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.455 GHz 105.03 dBµV
Copyright 2000-2005 Agilent Technologies

Test Mode: IEEE 802. 11n HT20 TX
CH1

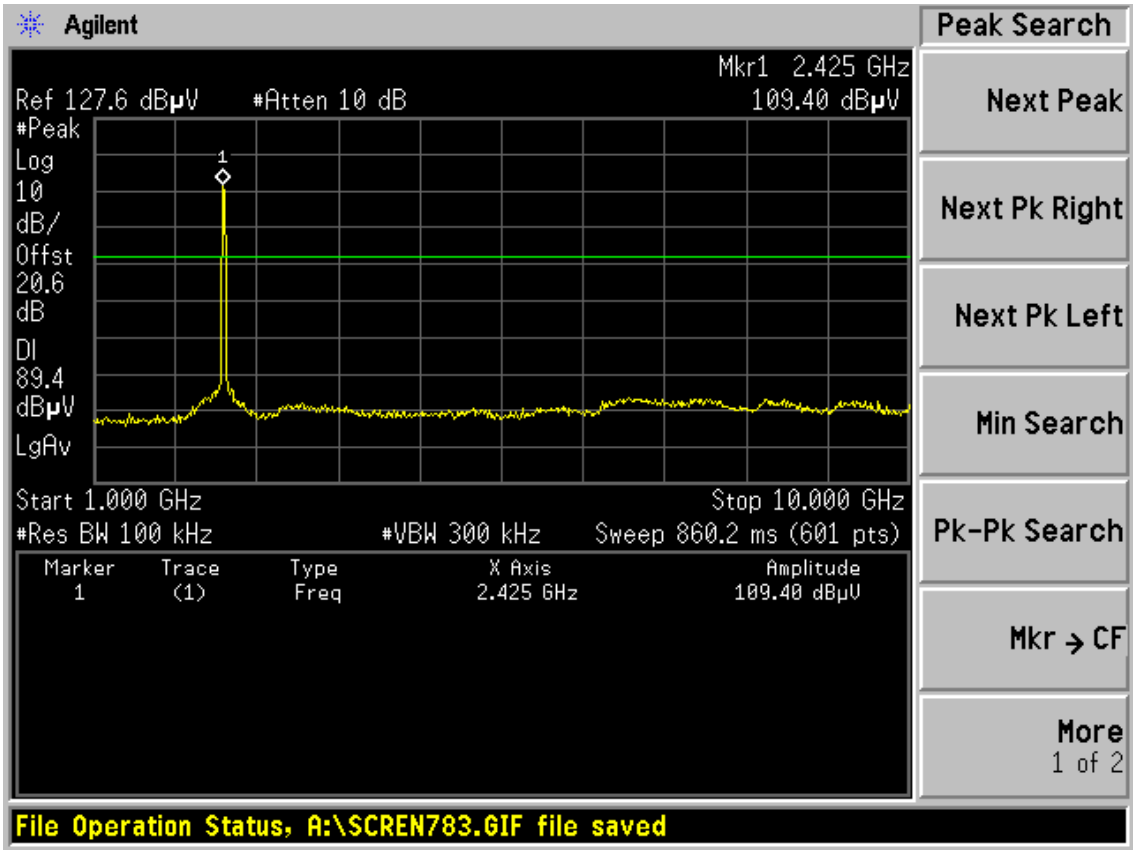


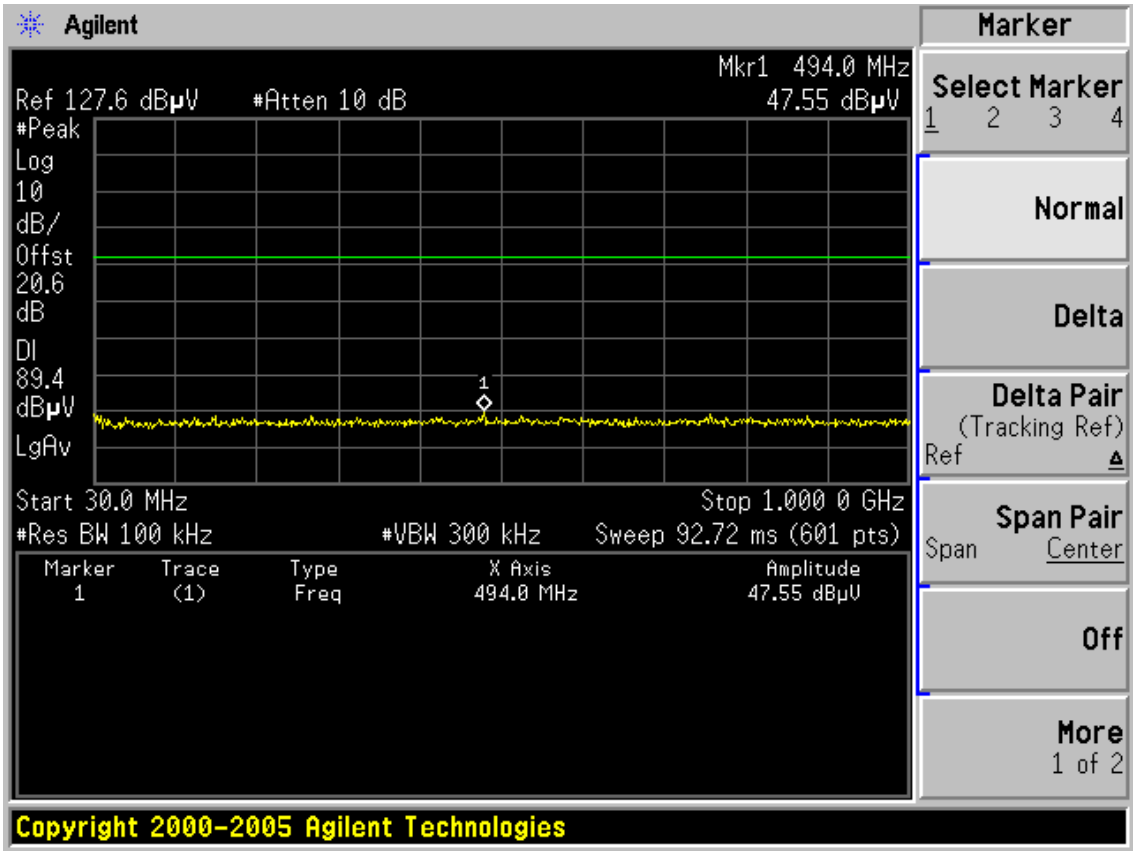


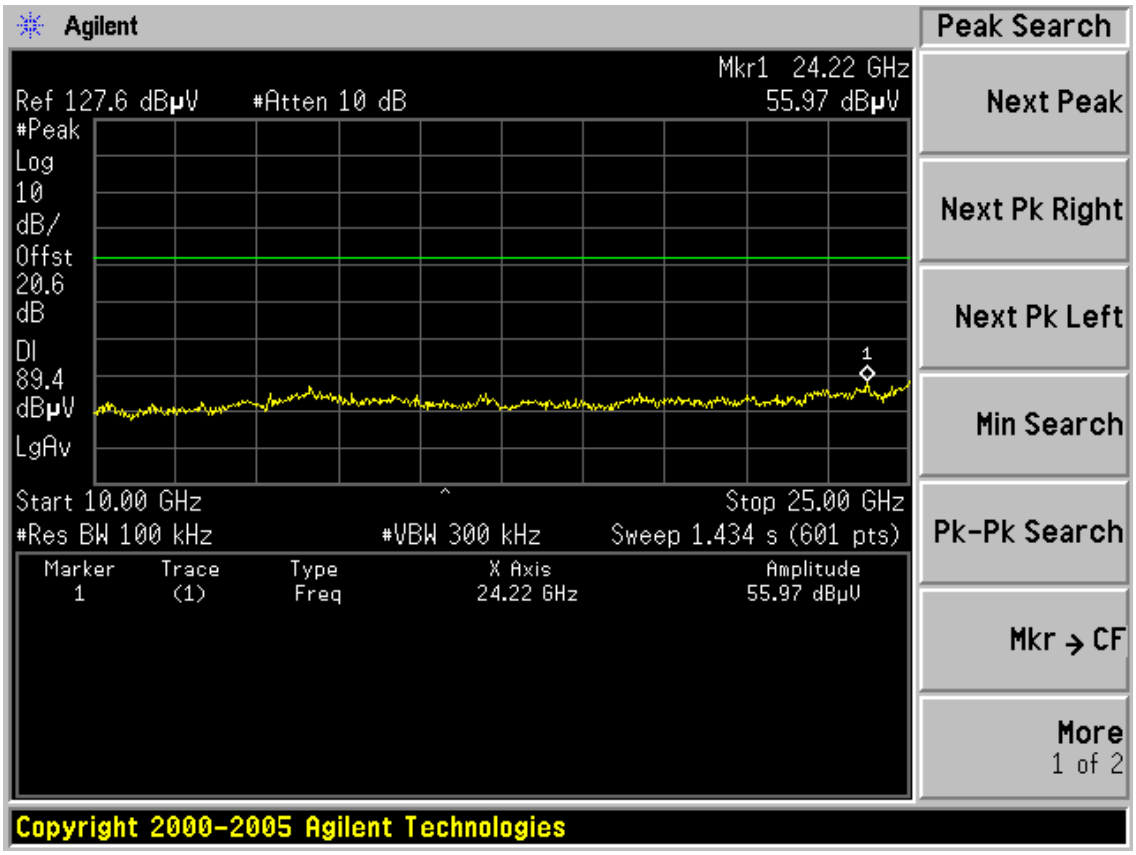

Agilent
Peak Search
Mkr1 13.88 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.86 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.7
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.88 GHz 53.86 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.410 GHz
Ref 127.6 dBµV
#Atten 10 dB
106.70 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.7
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.410 GHz 106.70 dBµV
Copyright 2000-2005 Agilent Technologies

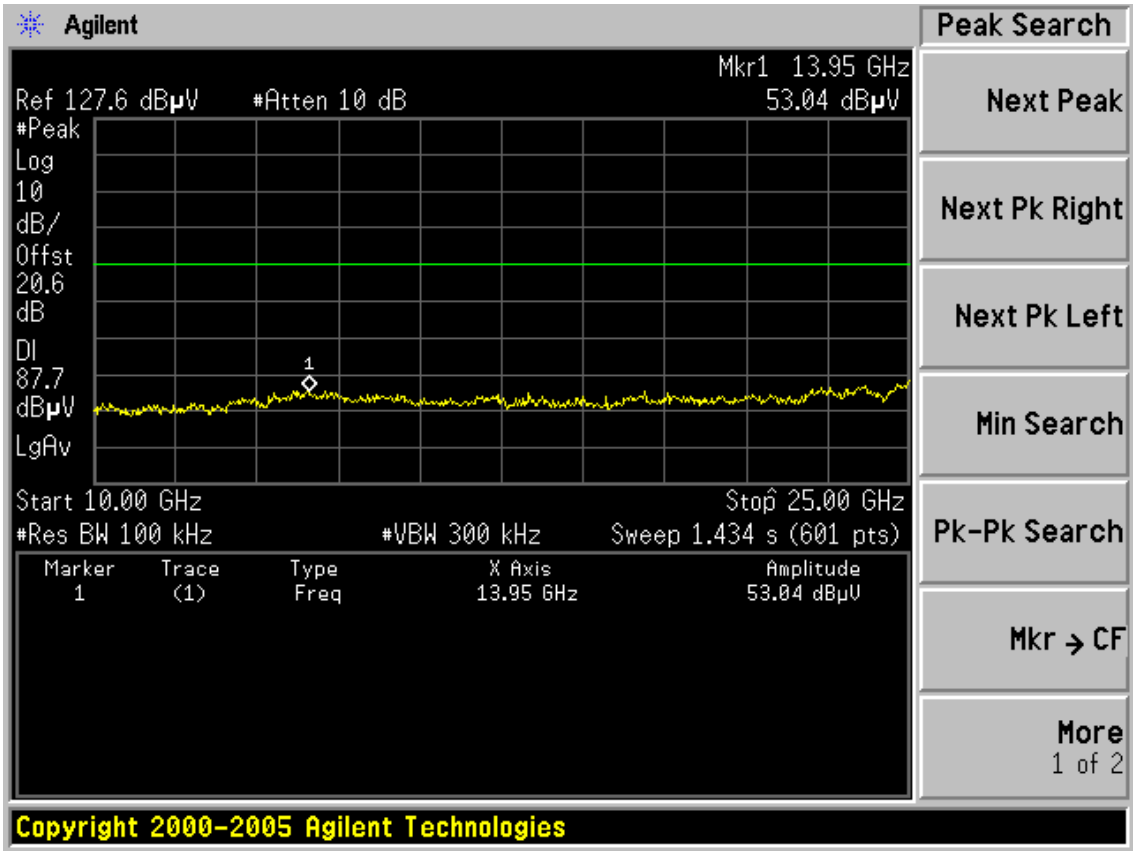
CH6

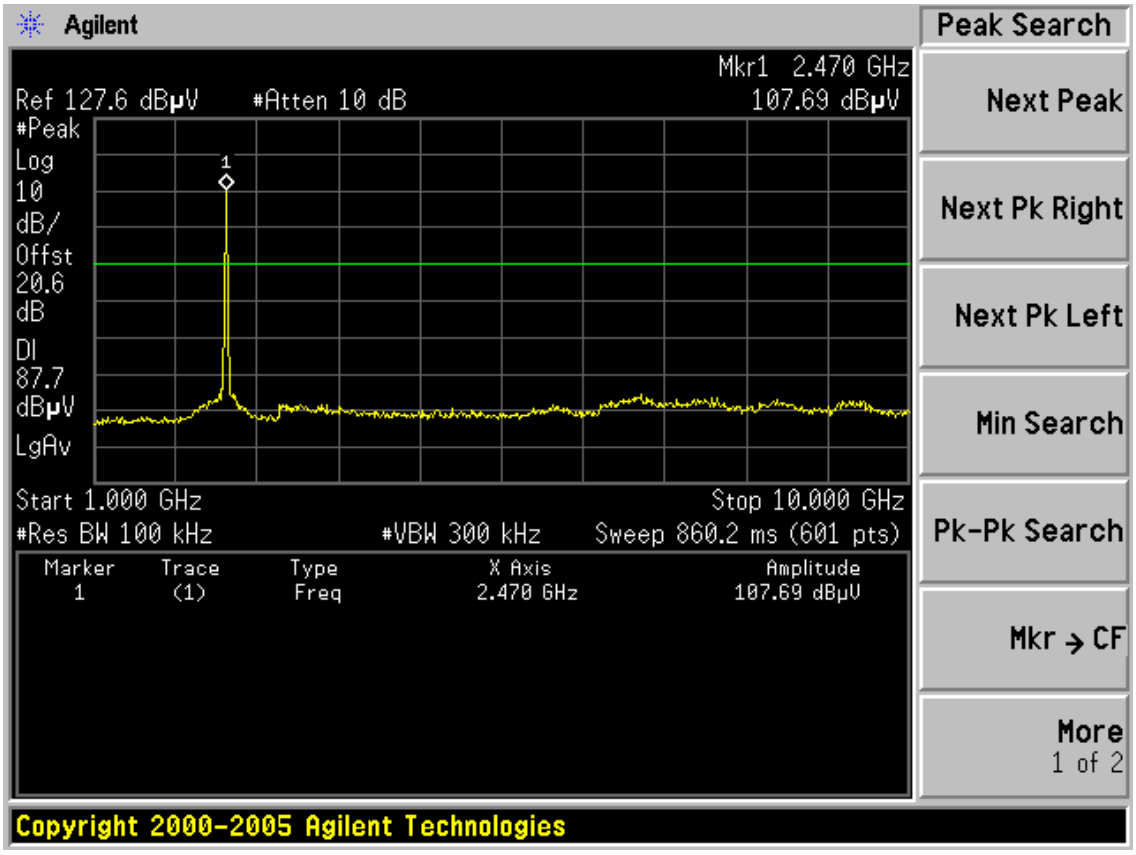

Agilent
Peak Search
Mkr1 2.425 GHz
Ref 127.6 dBµV
#Atten 10 dB
109.40 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
89.4
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.425 GHz 109.40 dBµV
File Operation Status, A:\SCREN783.GIF file saved

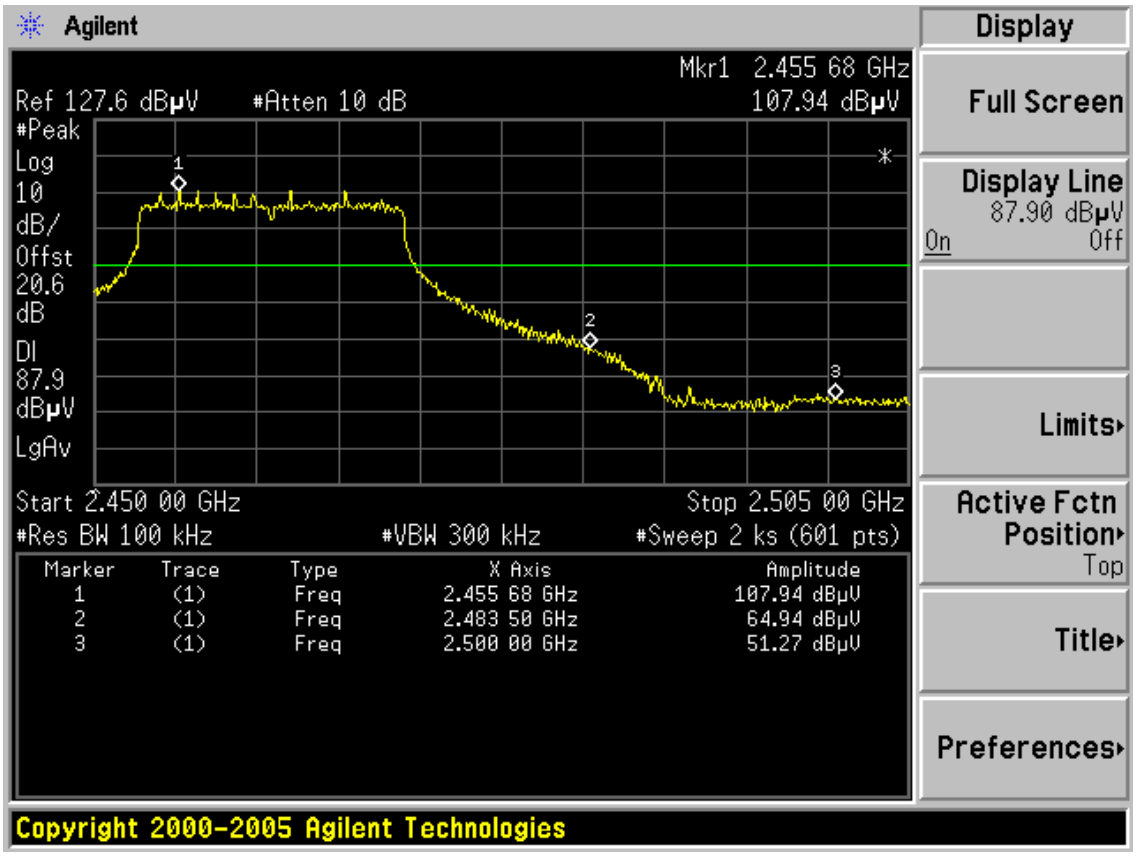

Agilent
Marker
Mkr1 494.0 MHz
Ref 127.6 dBµV
#Atten 10 dB
47.55 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
89.4
dBµV
LgAv
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 494.0 MHz 47.55 dBµV
Copyright 2000-2005 Agilent Technologies

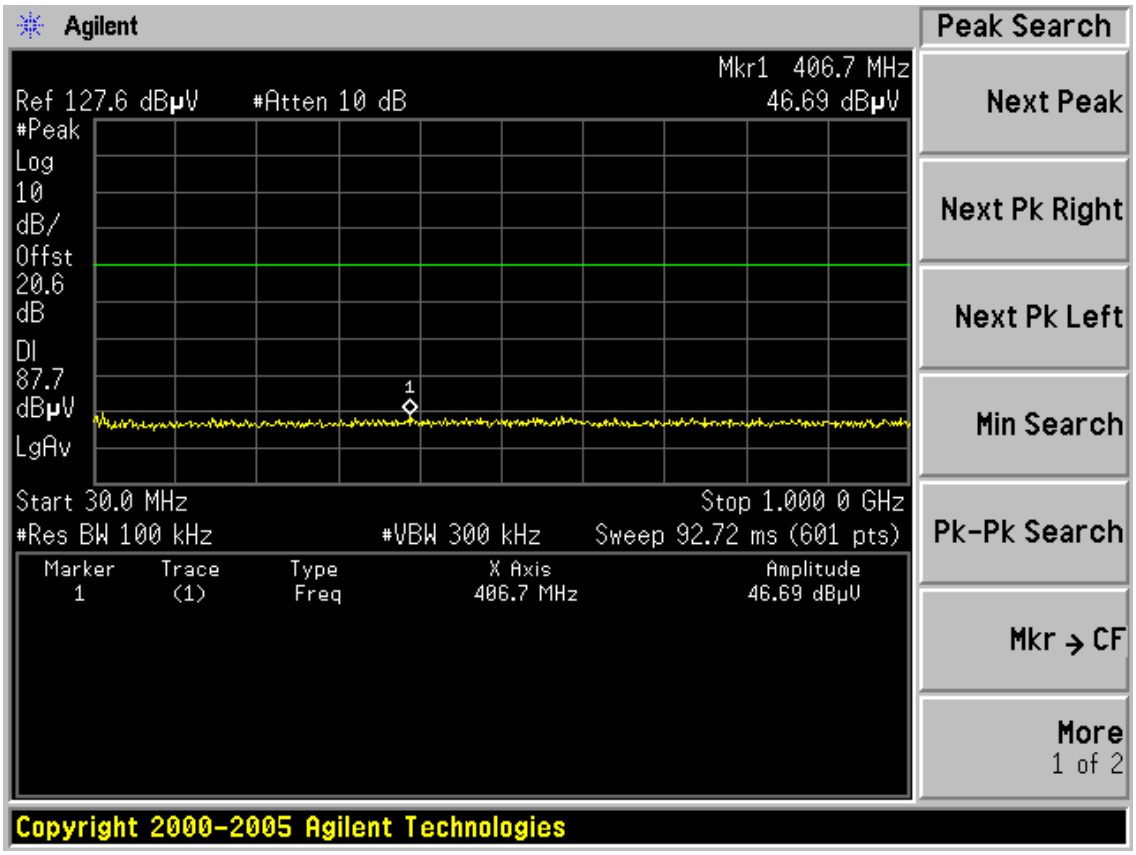

Agilent
Peak Search
Mkr1 24.22 GHz
Ref 127.6 dBµV
#Atten 10 dB
55.97 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
89.4
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 24.22 GHz 55.97 dBµV
Copyright 2000-2005 Agilent Technologies

CH11


Agilent
Peak Search
Mkr1 13.95 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.04 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
87.7
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.95 GHz 53.04 dBµV
Copyright 2000-2005 Agilent Technologies

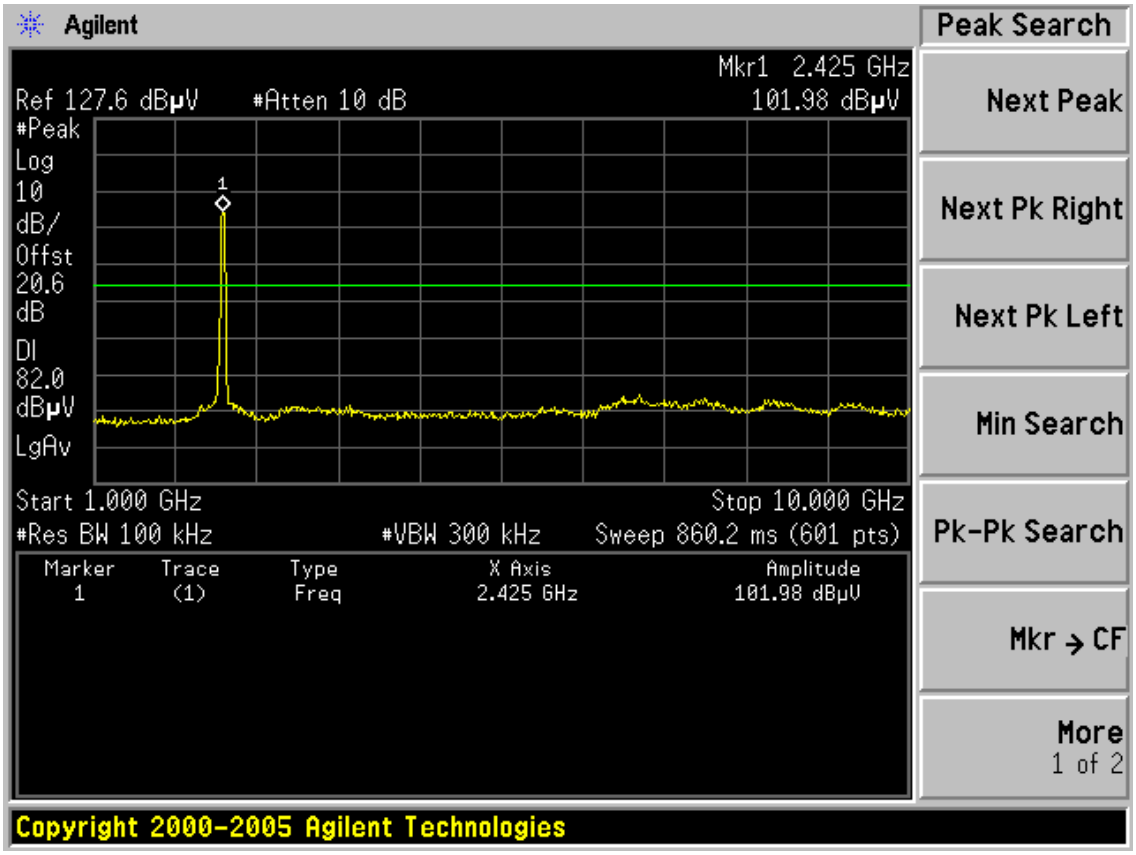

Agilent
Peak Search
Mkr1 2.470 GHz
Ref 127.6 dBµV
#Atten 10 dB
107.69 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
87.7
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.470 GHz 107.69 dBµV
Copyright 2000-2005 Agilent Technologies

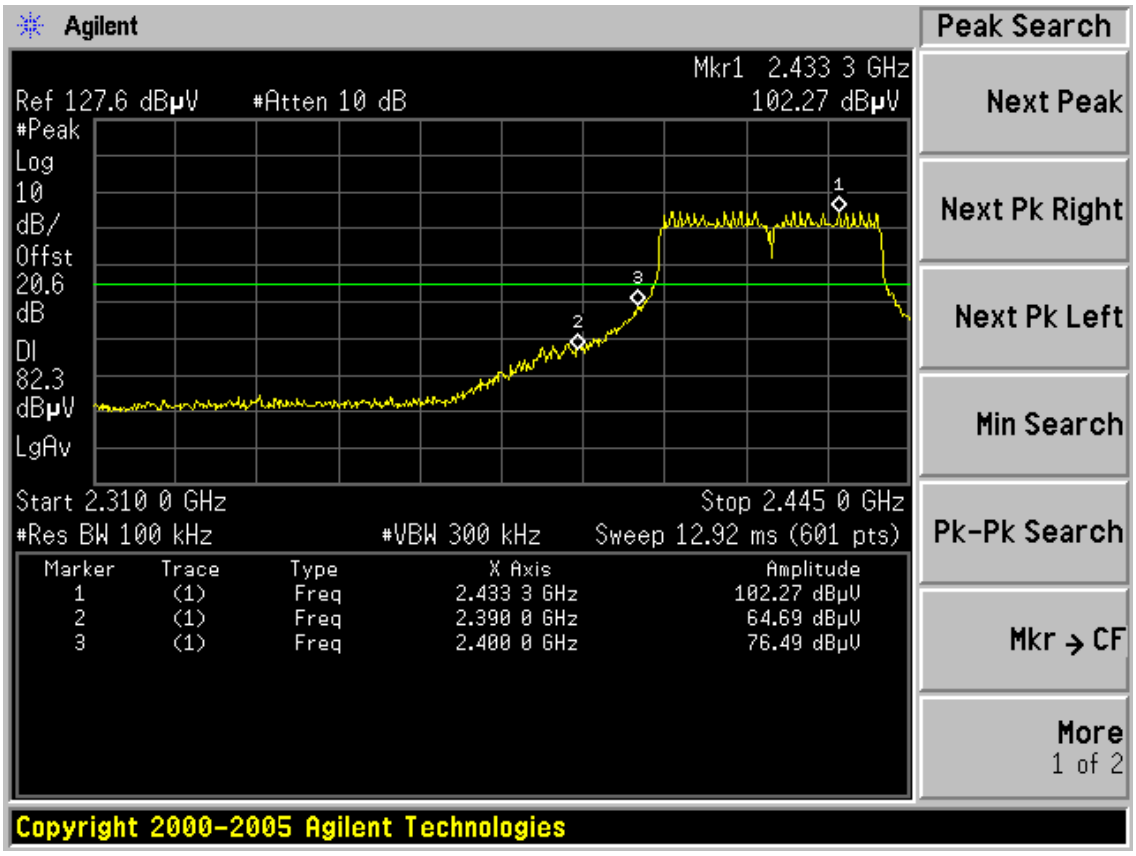

Agilent
Display
Mkr1 2.455 68 GHz
Ref 127.6 dBµV
#Atten 10 dB
107.94 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
87.9
dBµV
LgAv
Full Screen
Display Line
87.90 dBµV
On
Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 2.450 00 GHz
Stop 2.505 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
#Sweep 2 ks (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.455 68 GHz 107.94 dBµV
2 (1) Freq 2.483 50 GHz 64.94 dBµV
3 (1) Freq 2.500 00 GHz 51.27 dBµV
Copyright 2000-2005 Agilent Technologies

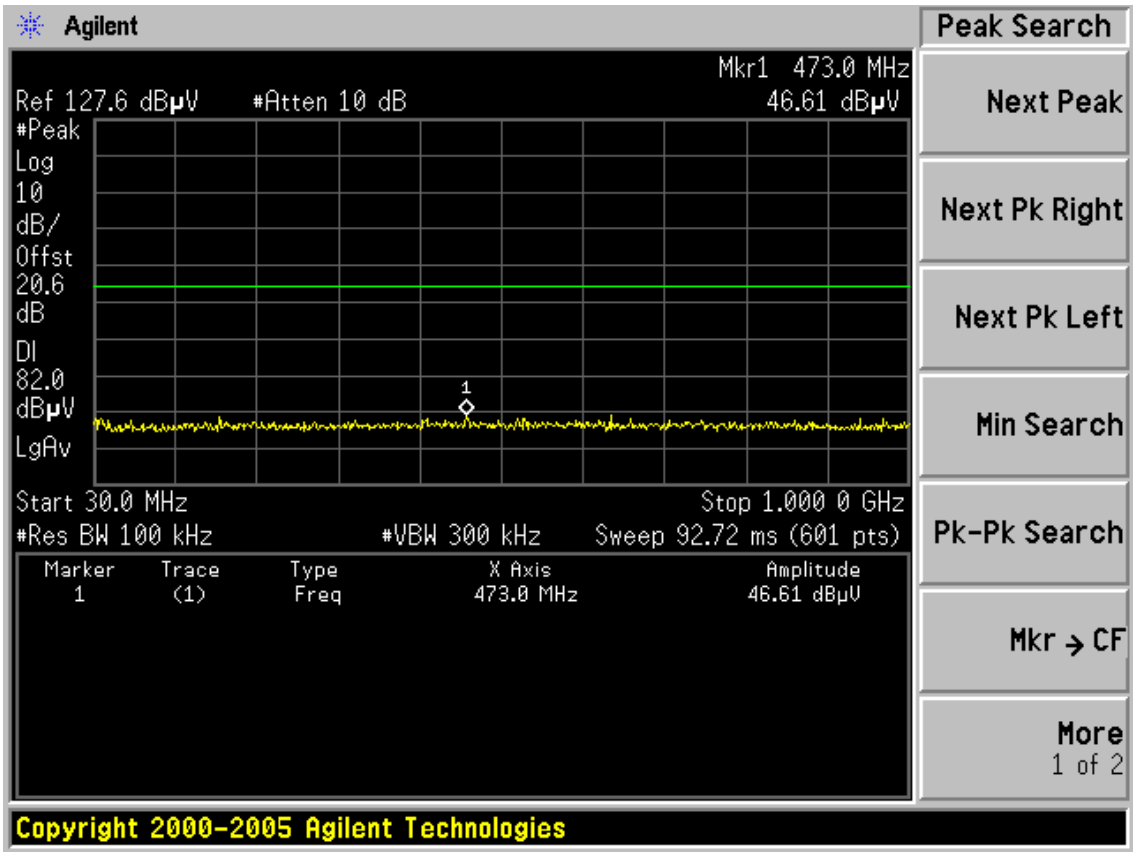


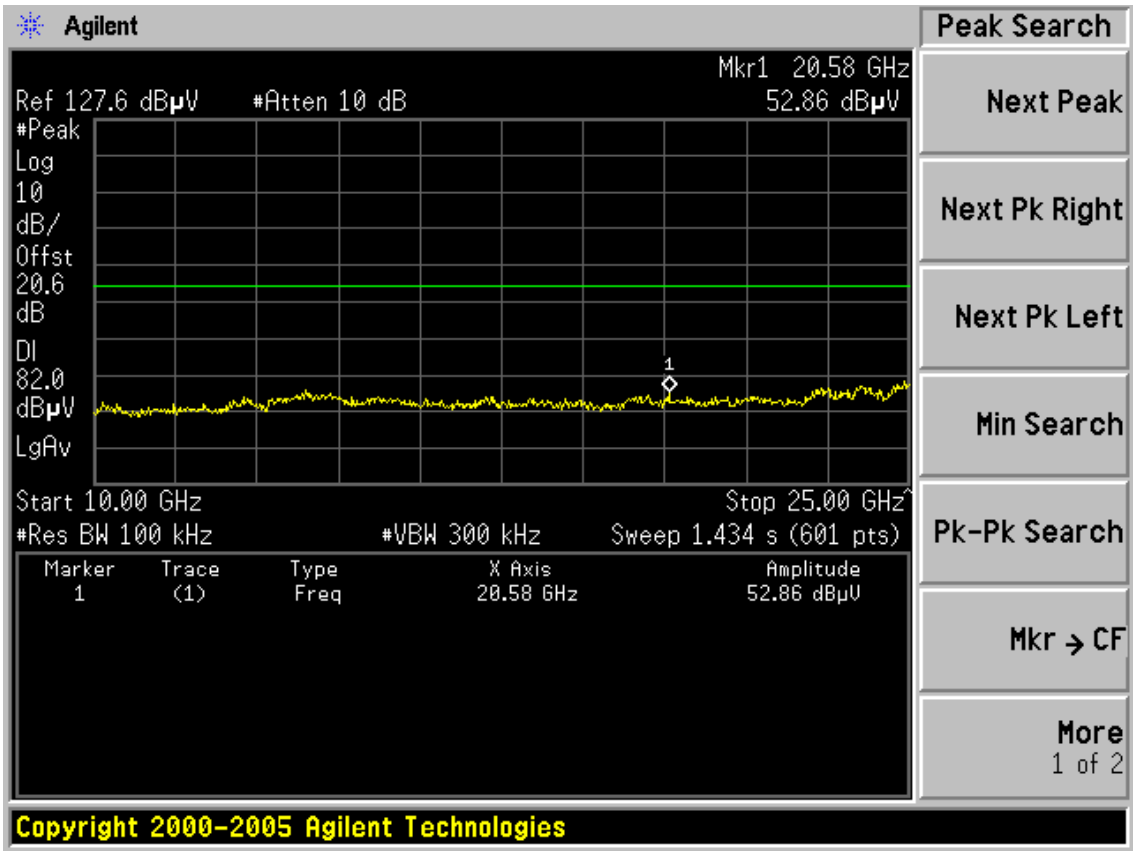
Test Mode: IEEE 802. 11n HT40TX

CH1

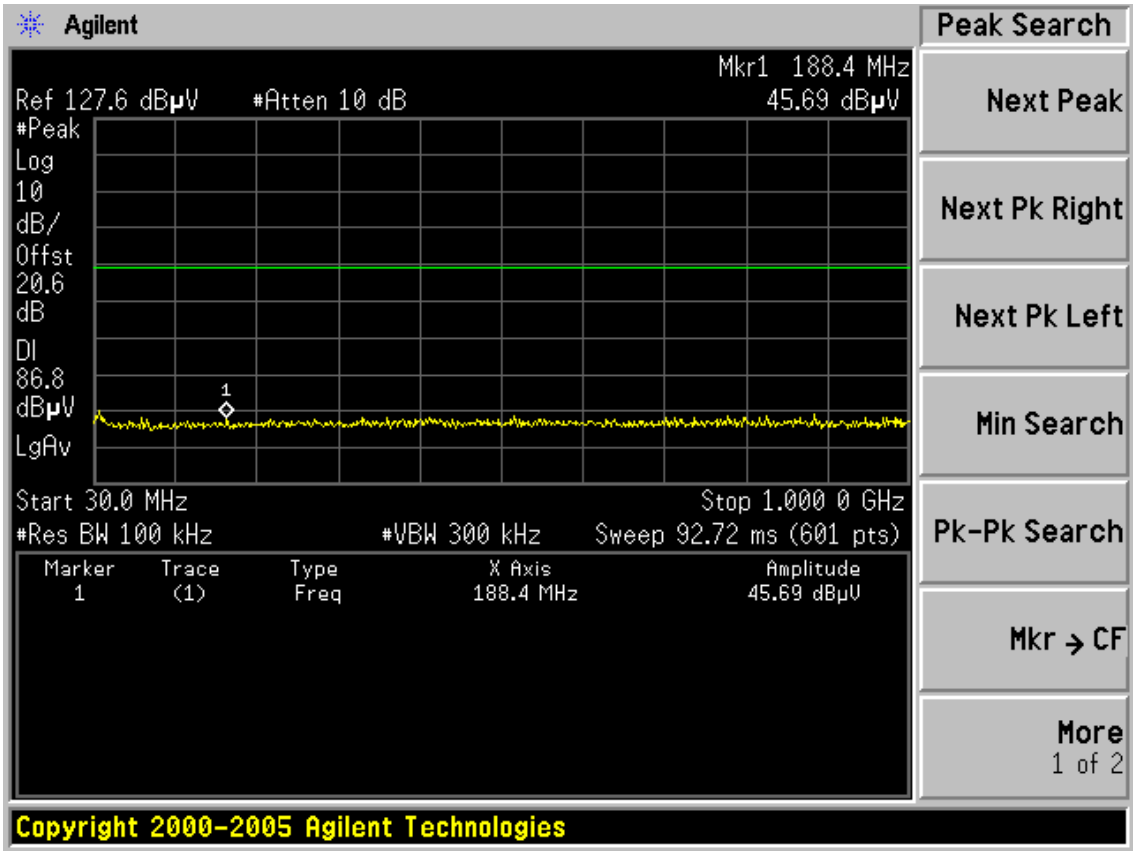


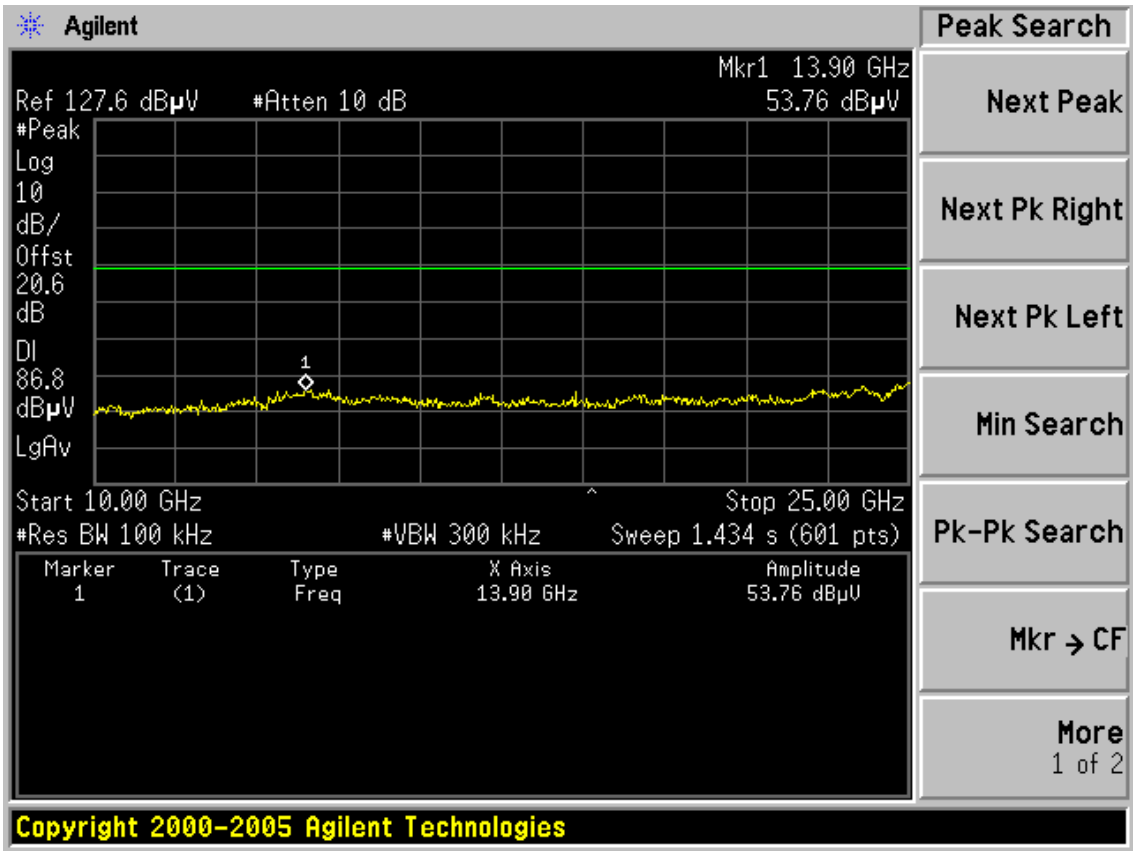

Agilent
Peak Search
Mkr1 2.433 3 GHz
Ref 127.6 dBµV
#Atten 10 dB
102.27 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
82.3
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 2.310 0 GHz
Stop 2.445 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 12.92 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.433 3 GHz 102.27 dBµV
2 (1) Freq 2.390 0 GHz 64.69 dBµV
3 (1) Freq 2.400 0 GHz 76.49 dBµV
Copyright 2000-2005 Agilent Technologies

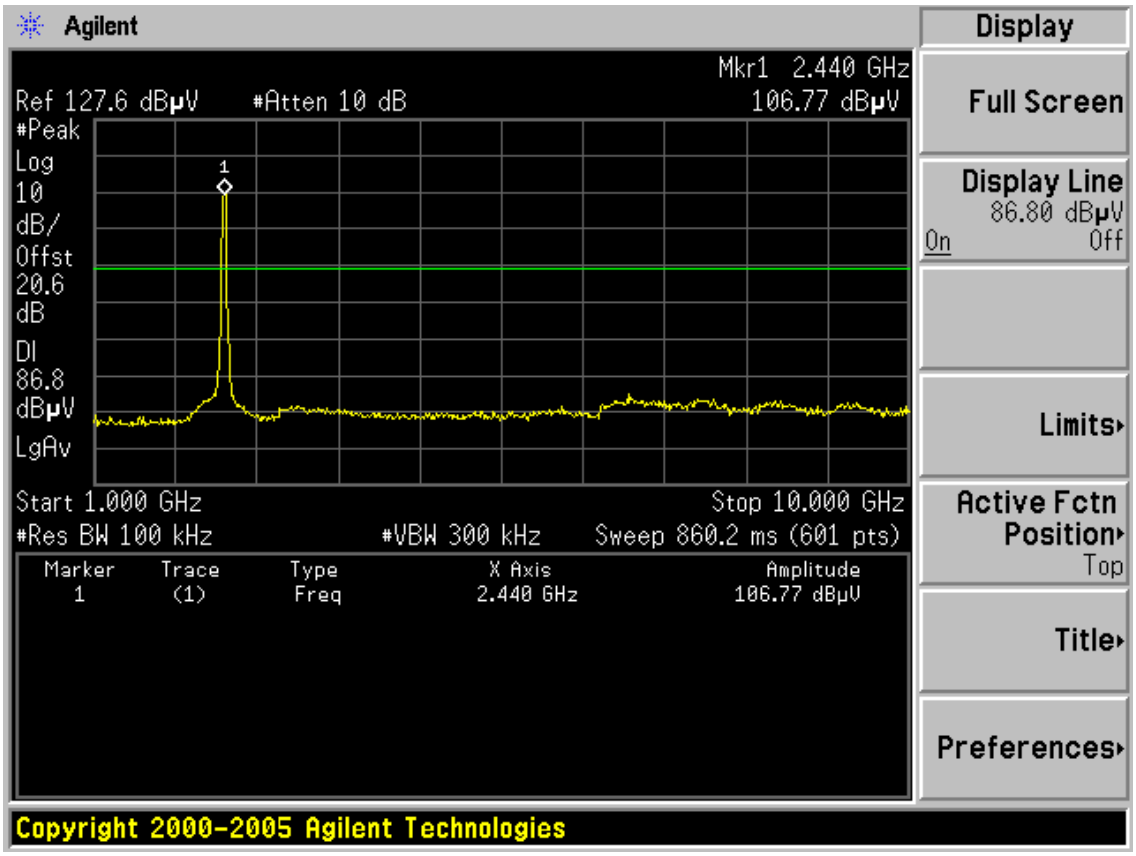

Agilent
Peak Search
Mkr1 473.0 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.61 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
82.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 473.0 MHz 46.61 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 20.58 GHz
Ref 127.6 dBµV
#Atten 10 dB
52.86 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
82.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 20.58 GHz 52.86 dBµV
Copyright 2000-2005 Agilent Technologies

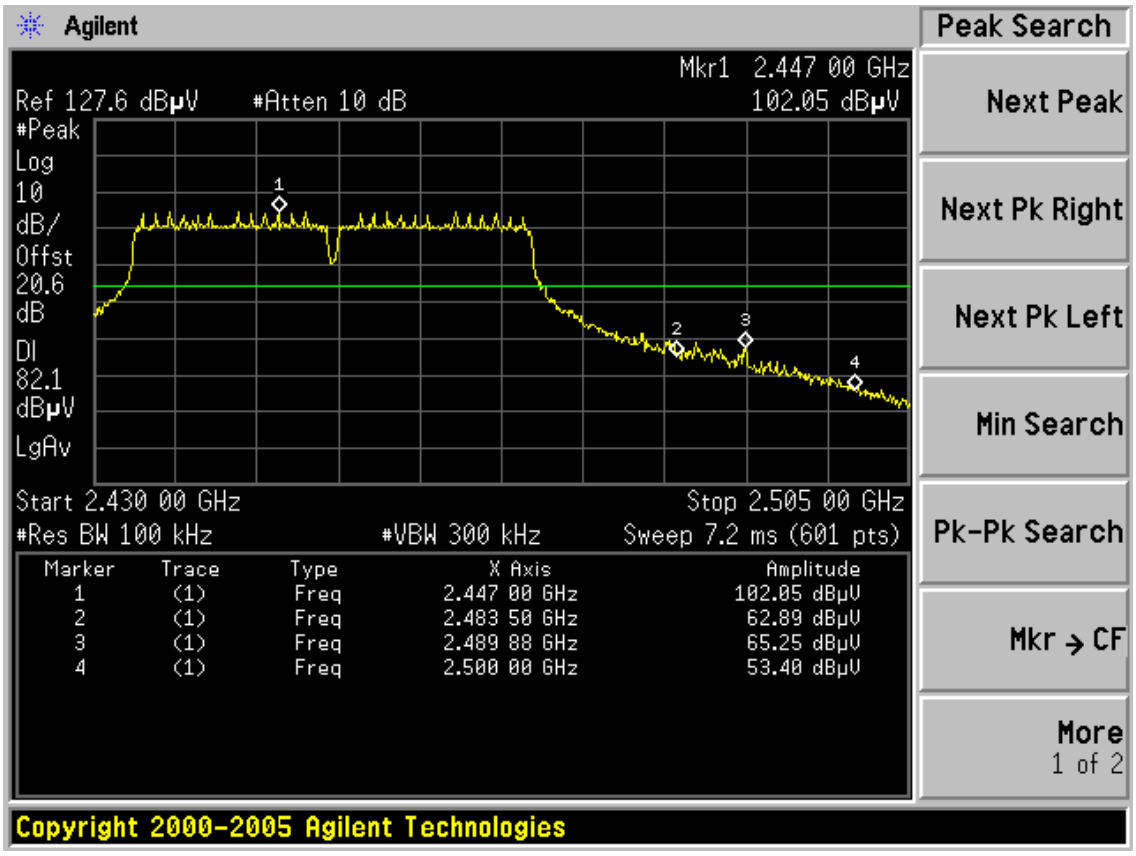
CH4

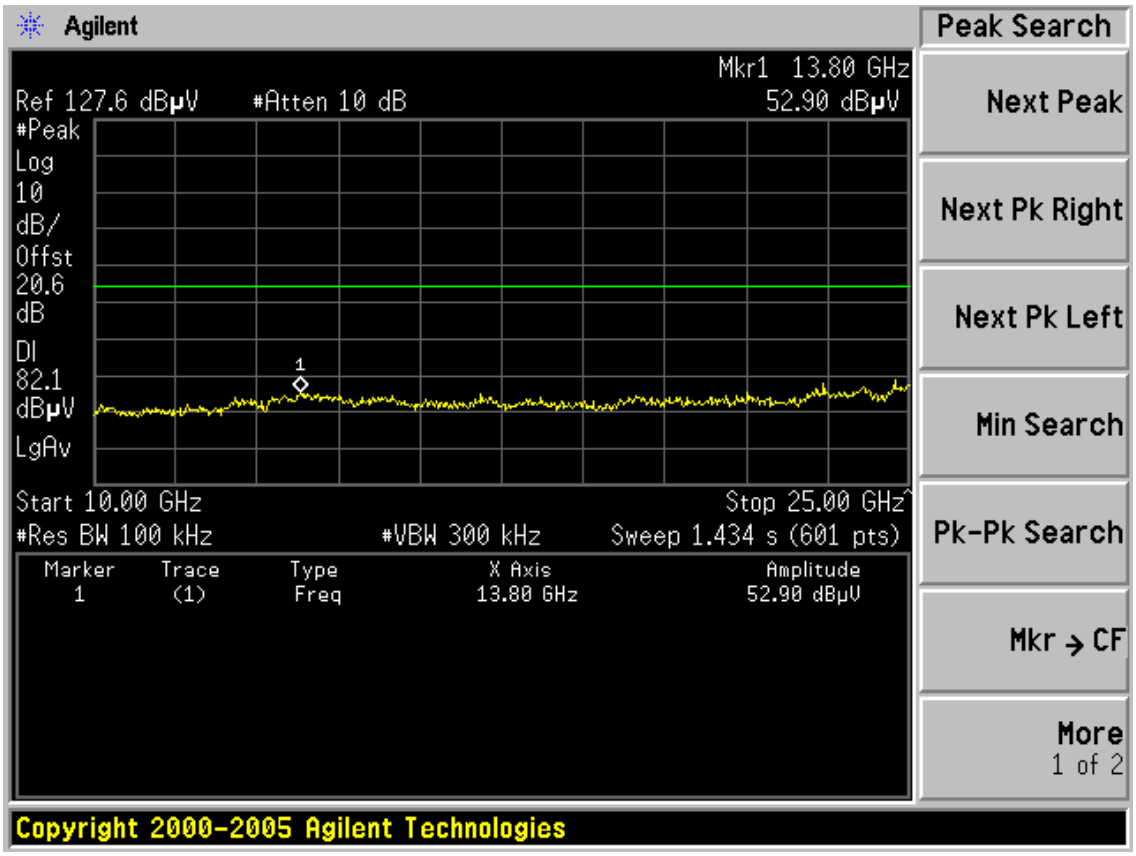

Agilent
Peak Search
Mkr1 188.4 MHz
Ref 127.6 dBµV
#Atten 10 dB
45.69 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.8
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 188.4 MHz 45.69 dBµV
Copyright 2000-2005 Agilent Technologies

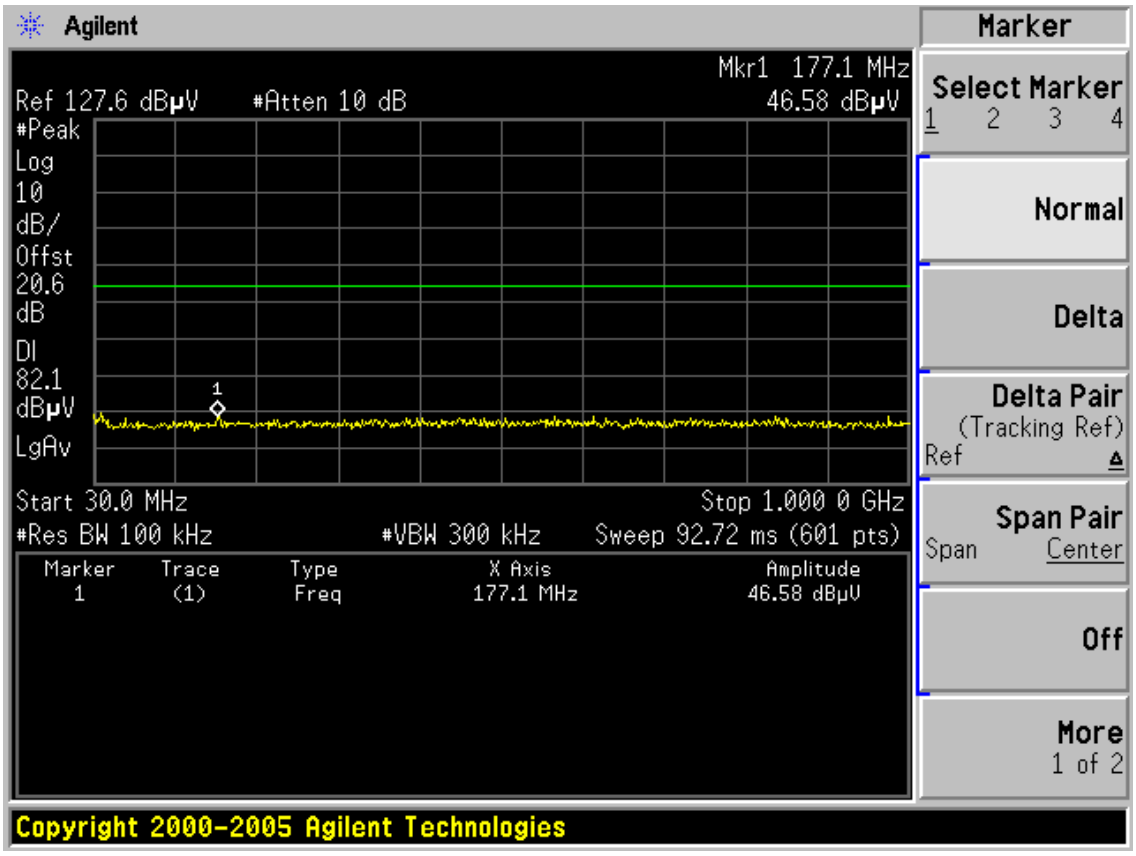

Agilent
Peak Search
Mkr1 13.90 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.76 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.8
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Pk-Pk Search
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.90 GHz 53.76 dBµV
Mkr → CF
More
1 of 2
Copyright 2000-2005 Agilent Technologies

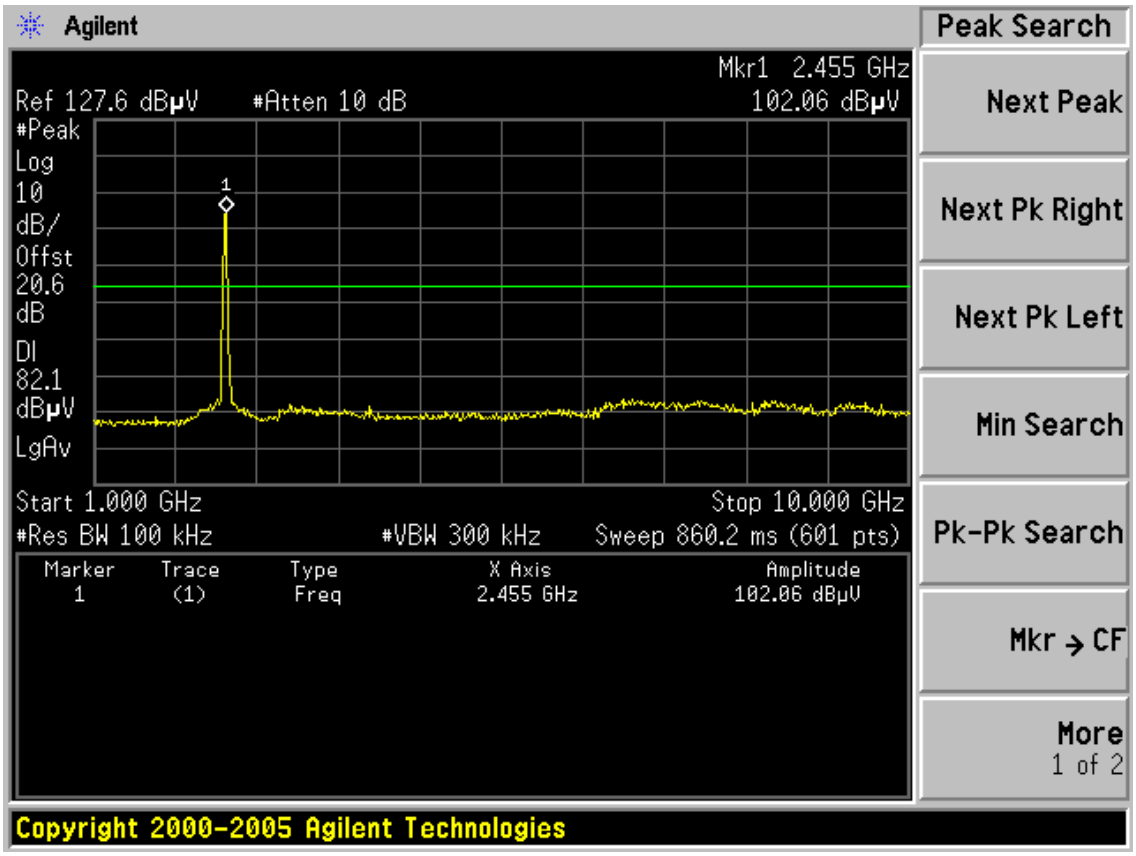

Agilent
Display
Mkr1 2.440 GHz
Ref 127.6 dBµV
#Atten 10 dB
106.77 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.8
dBµV
LgAv
Full Screen
Display Line
86.80 dBµV
On
Off
Limits
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Active Fctn
Position
Top
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.440 GHz 106.77 dBµV
Title
Preferences
Copyright 2000-2005 Agilent Technologies

CH7

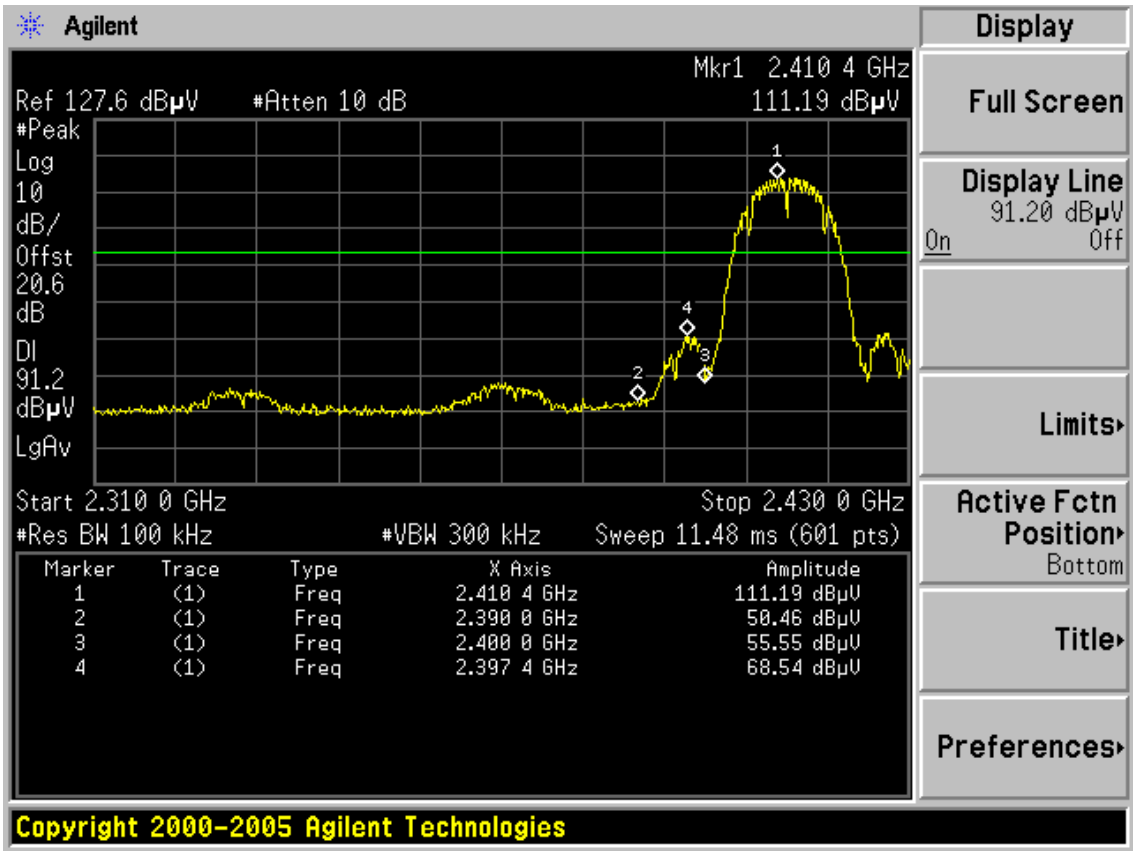

Agilent
Peak Search
Mkr1 2.447 00 GHz
Ref 127.6 dBµV
#Atten 10 dB
102.05 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
82.1
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 2.430 00 GHz
Stop 2.505 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 7.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.447 00 GHz 102.05 dBµV
2 (1) Freq 2.483 50 GHz 62.89 dBµV
3 (1) Freq 2.489 88 GHz 65.25 dBµV
4 (1) Freq 2.500 00 GHz 53.40 dBµV
Copyright 2000-2005 Agilent Technologies

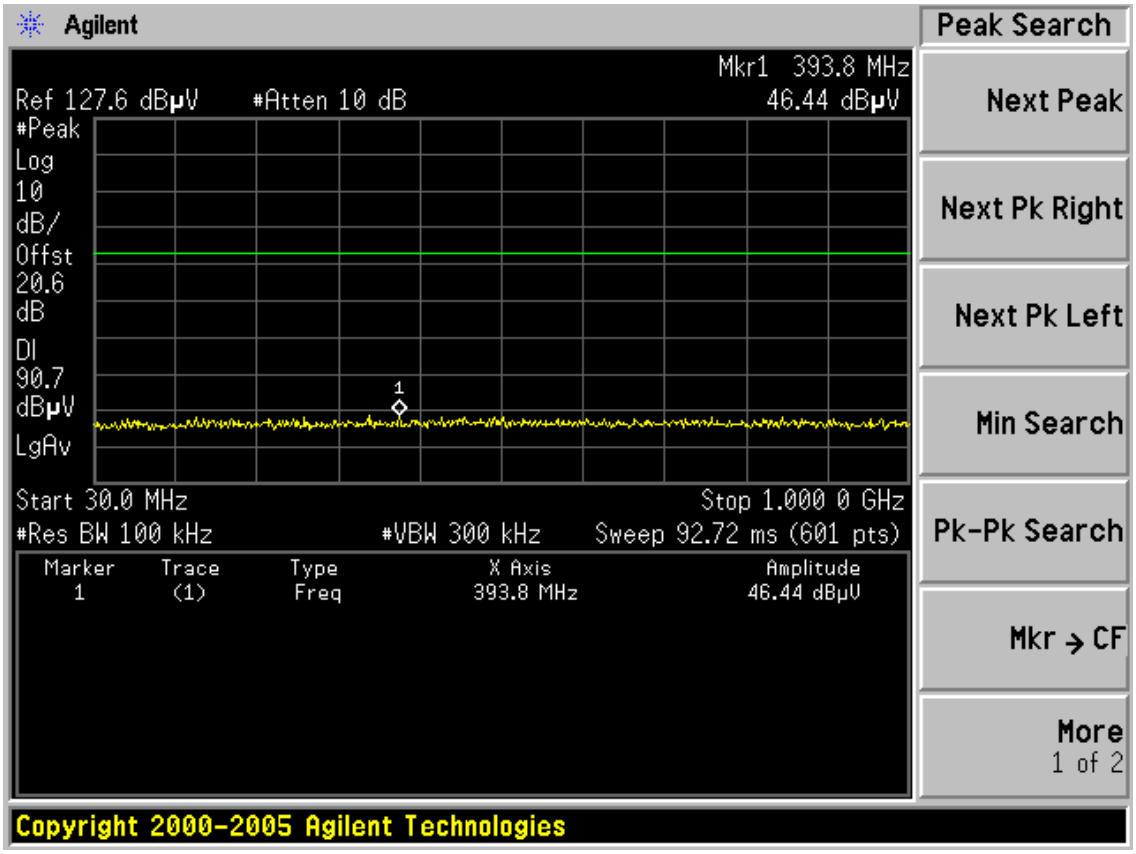

Agilent
Peak Search
Mkr1 13.80 GHz
Ref 127.6 dBµV
#Atten 10 dB
52.90 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
82.1
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.80 GHz 52.90 dBµV
Copyright 2000-2005 Agilent Technologies

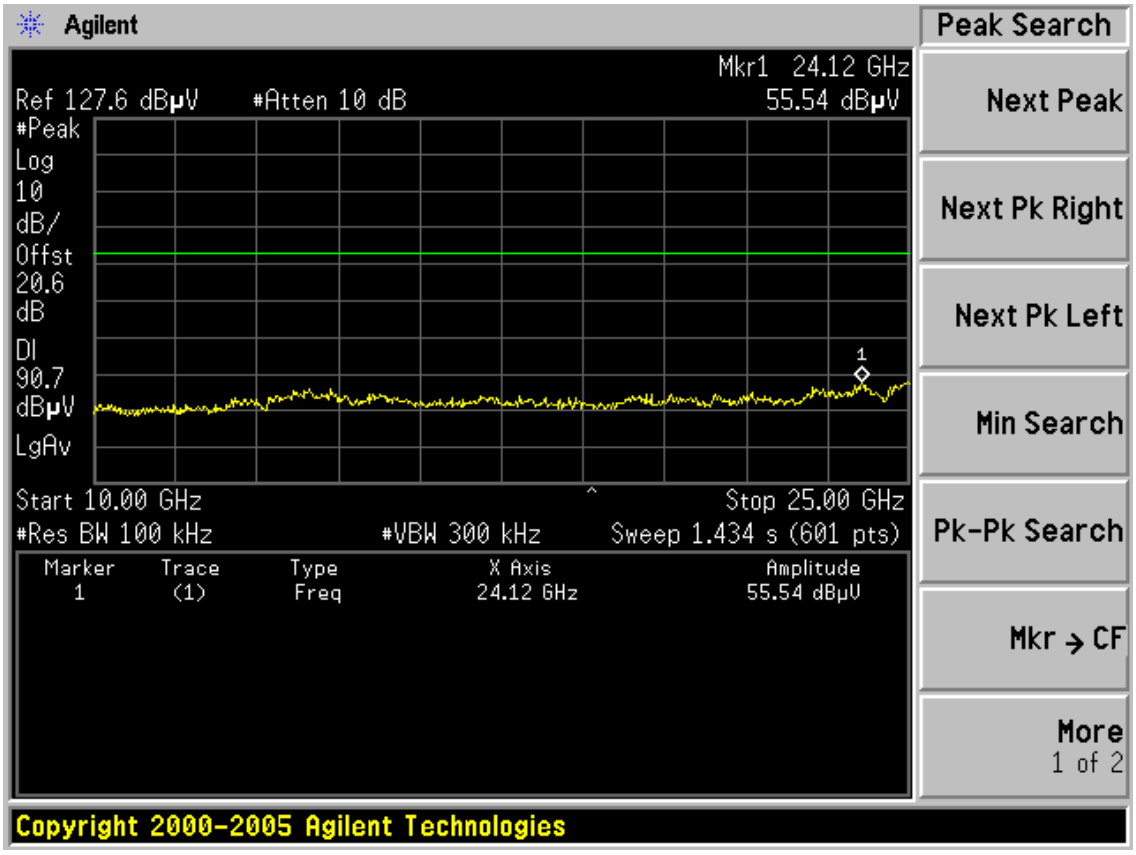

Agilent
Marker
Mkr1 177.1 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.58 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
82.1
dBµV
LgAv
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 177.1 MHz 46.58 dBµV
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies

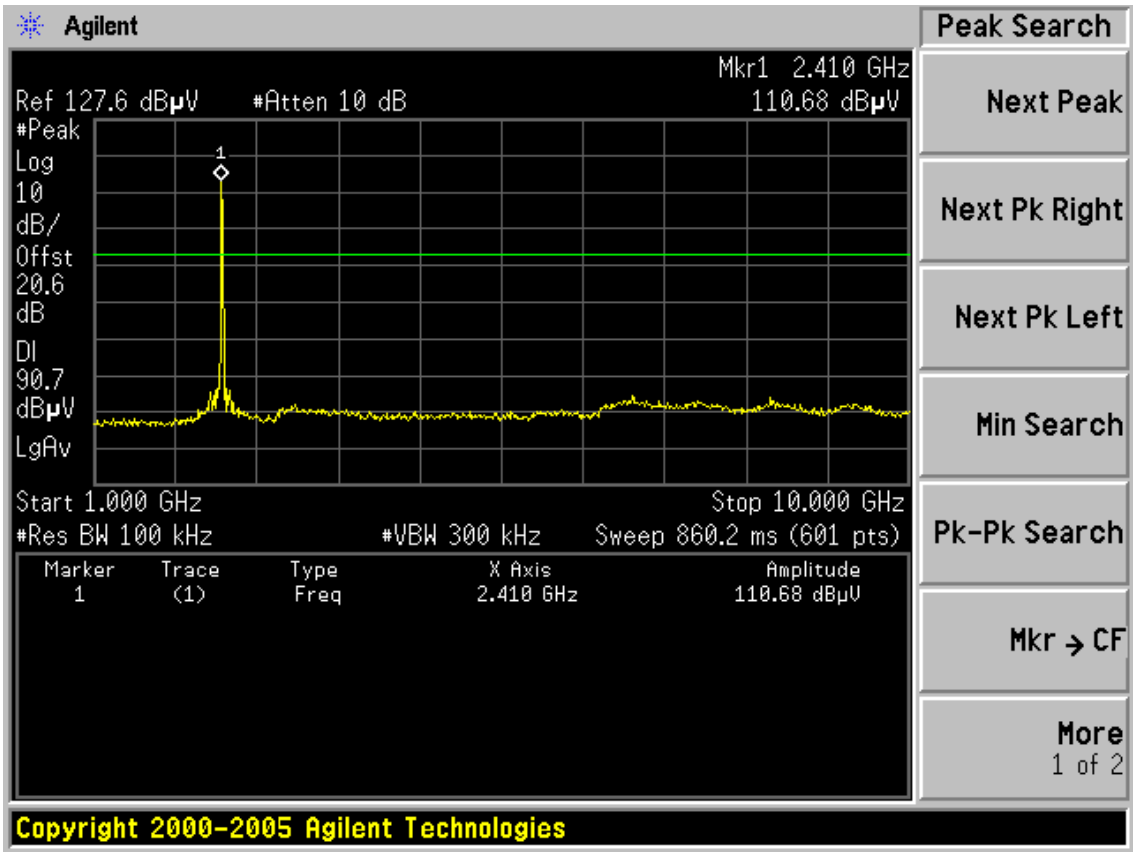

Agilent
Peak Search
Mkr1 2.455 GHz
Ref 127.6 dBµV
#Atten 10 dB
102.06 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
82.1
dBµV
LgAv
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.455 GHz 102.06 dBµV
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Copyright 2000-2005 Agilent Technologies

Chain1
Test Mode: IEEE 802. 11bTX
CH1

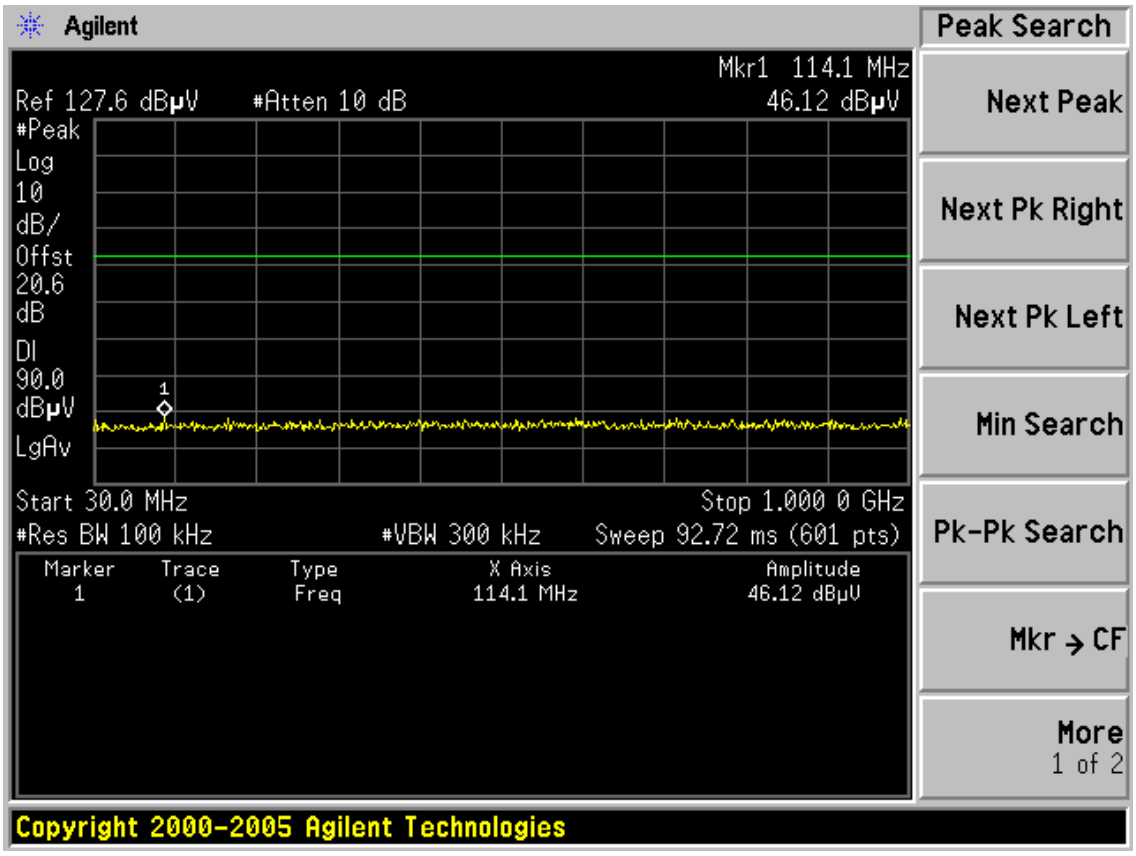


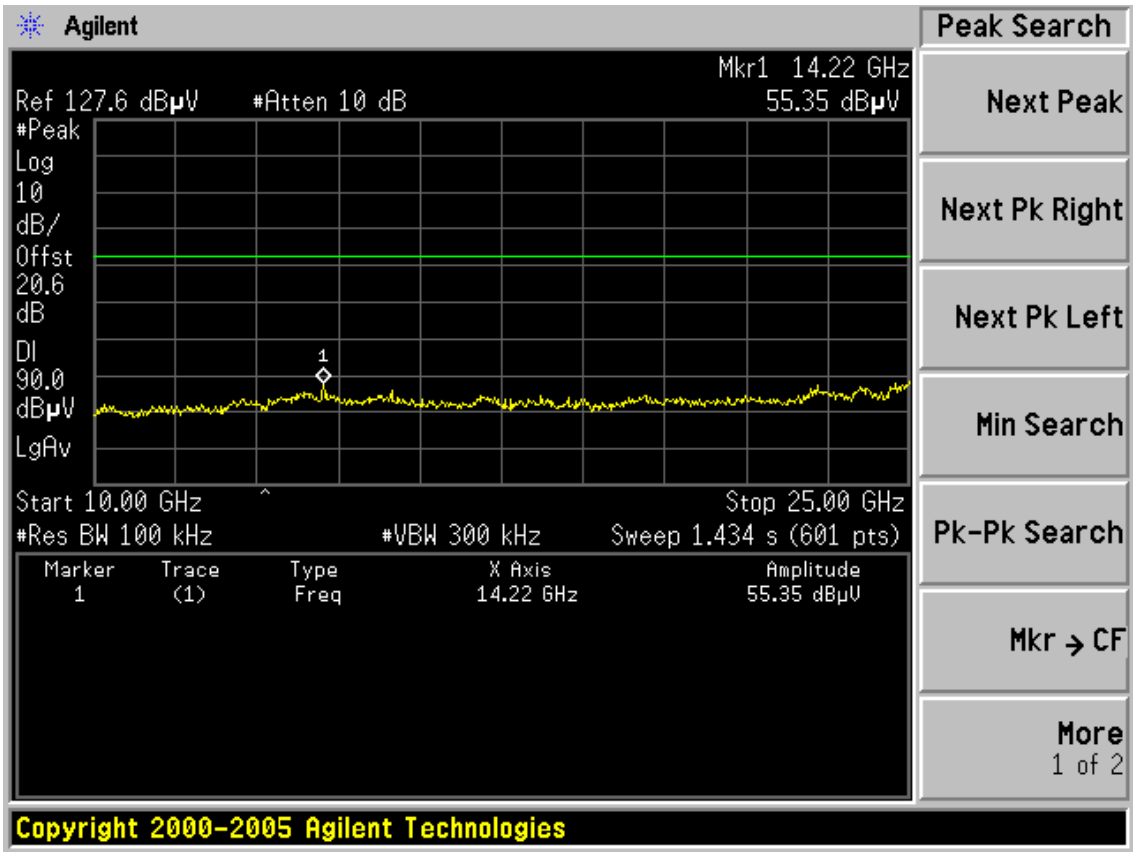


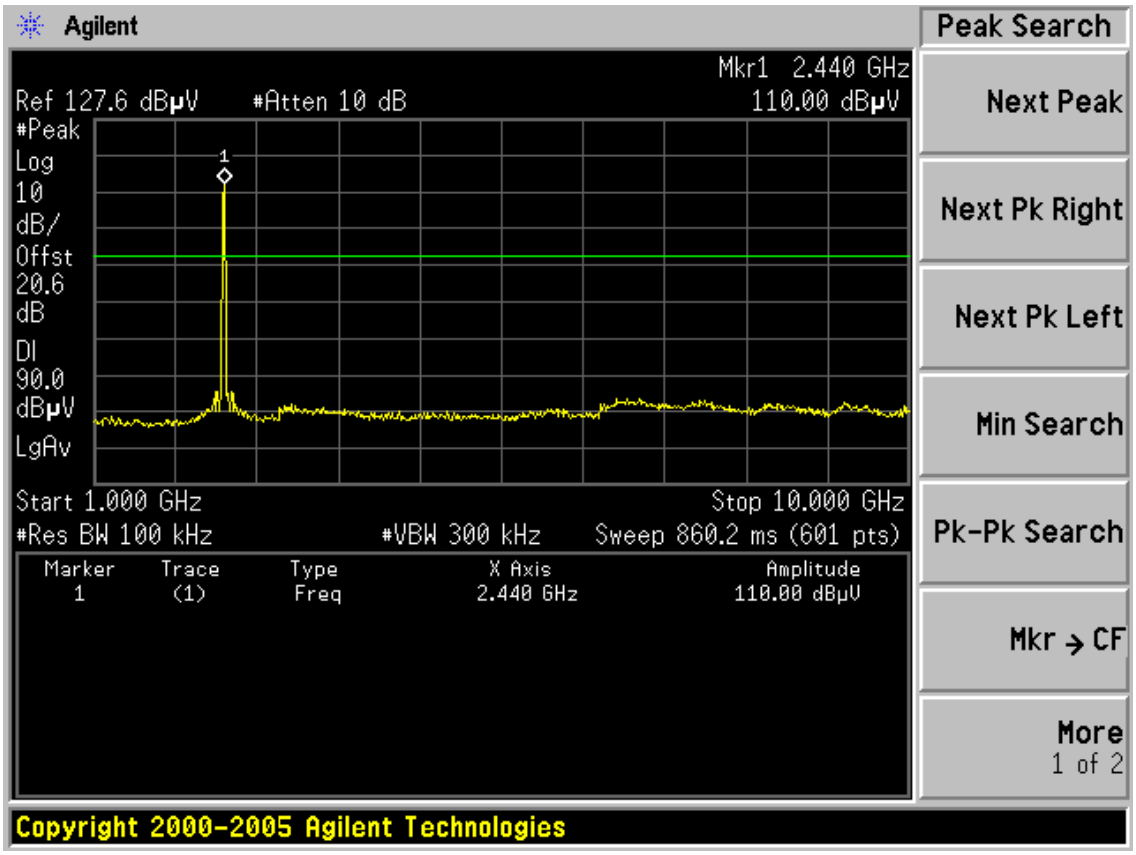

Agilent
Peak Search
Mkr1 24.12 GHz
Ref 127.6 dBµV
#Atten 10 dB
55.54 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
90.7
dBµV
LgAv
1
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 24.12 GHz 55.54 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.410 GHz
Ref 127.6 dBµV
#Atten 10 dB
110.68 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
90.7
dBµV
LgAv
1
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.410 GHz 110.68 dBµV
Copyright 2000-2005 Agilent Technologies

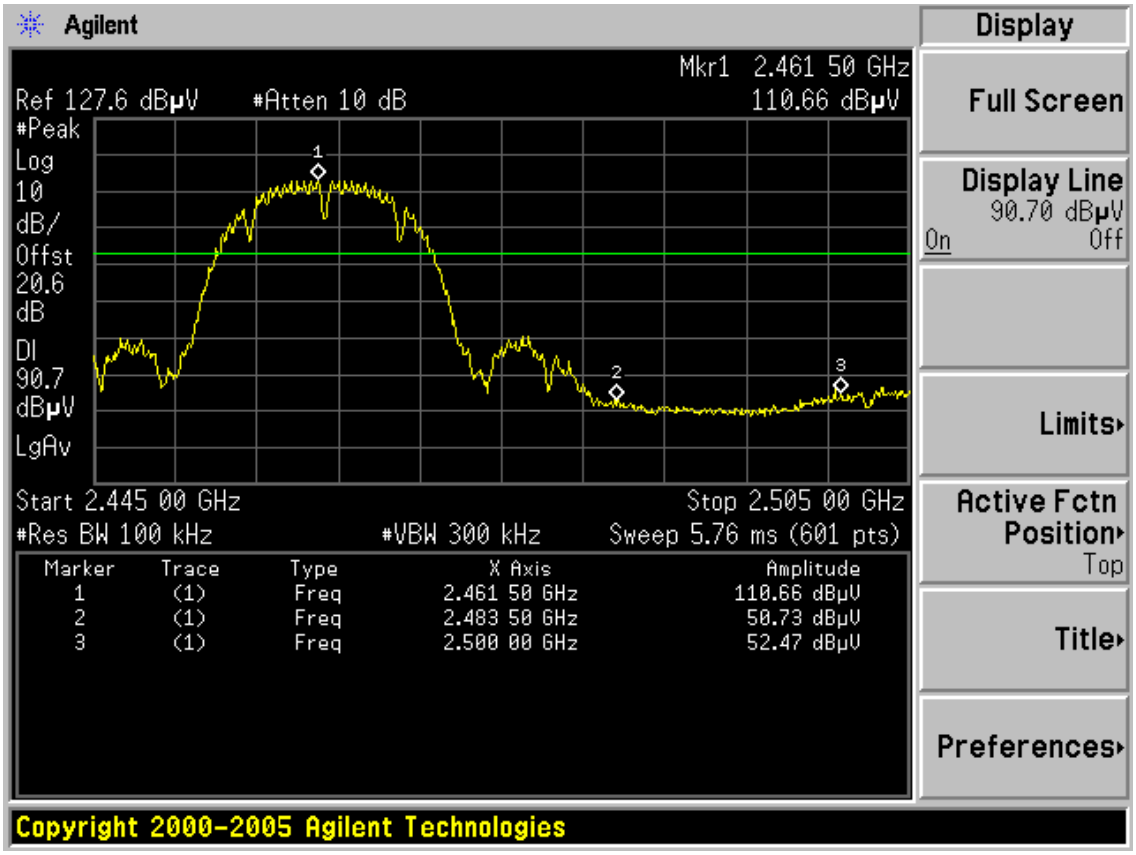
CH6

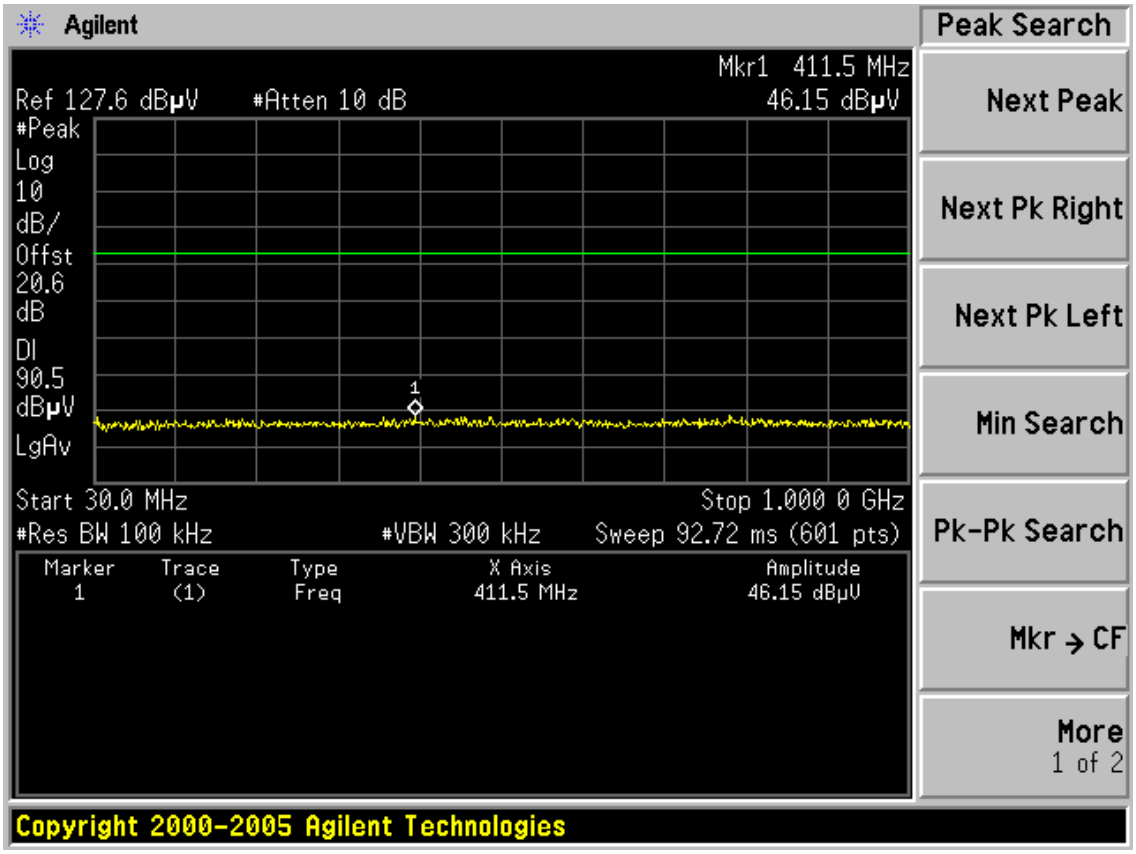

Agilent
Peak Search
Mkr1 114.1 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.12 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
90.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 114.1 MHz 46.12 dBµV
Copyright 2000-2005 Agilent Technologies

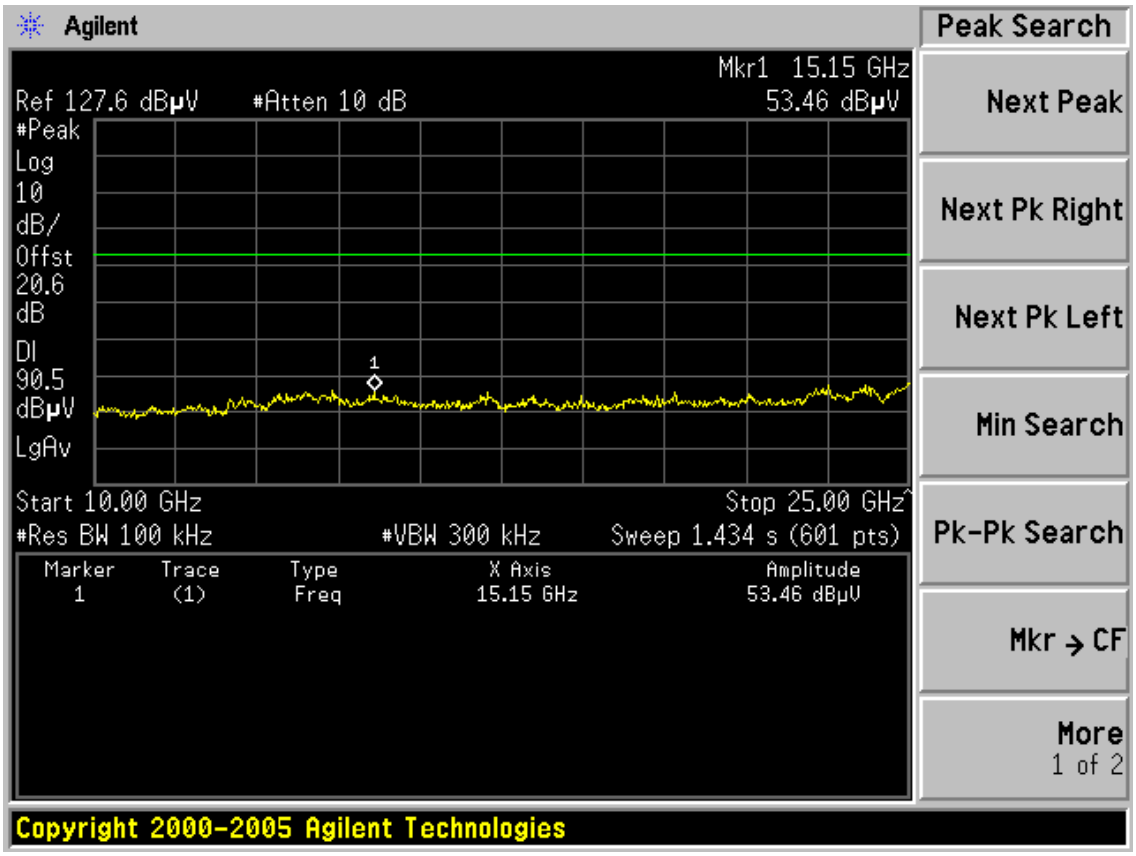

Agilent
Peak Search
Mkr1 14.22 GHz
Ref 127.6 dBµV
#Atten 10 dB
55.35 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
90.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 14.22 GHz 55.35 dBµV
Copyright 2000-2005 Agilent Technologies

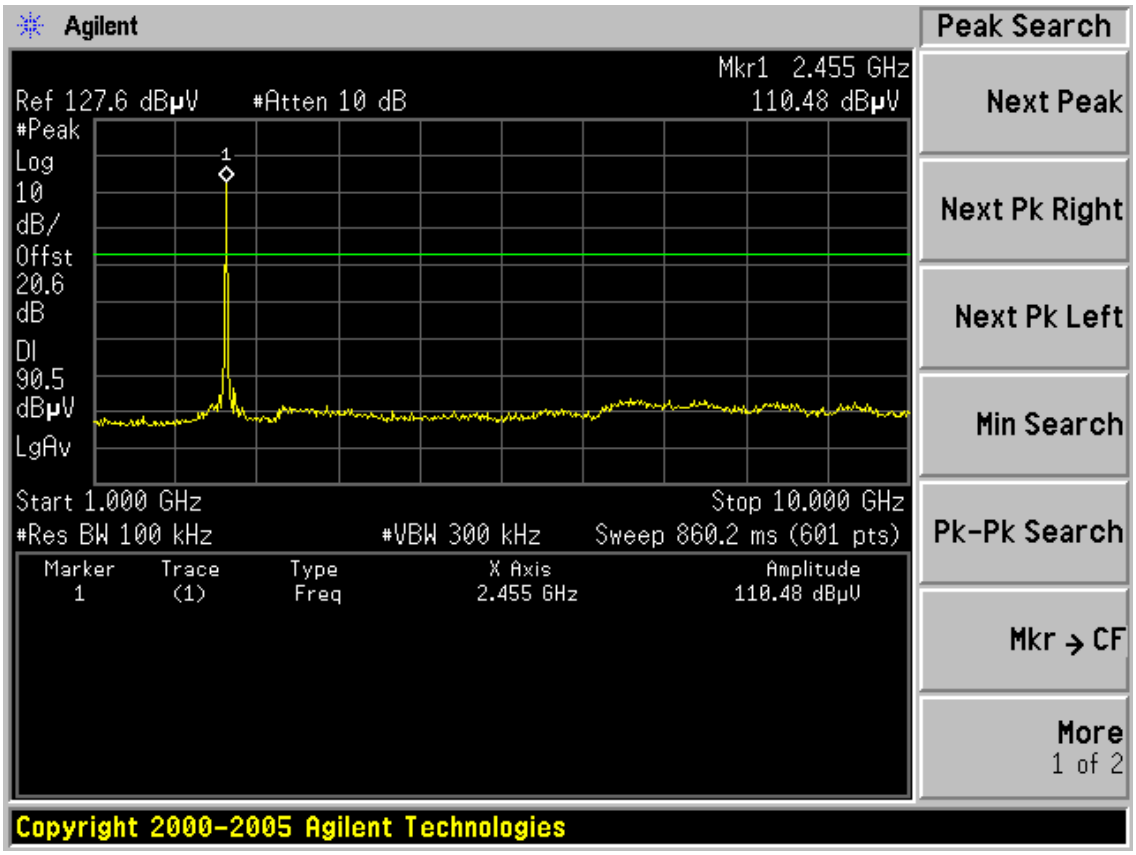

Agilent
Peak Search
Mkr1 2.440 GHz
Ref 127.6 dBµV
#Atten 10 dB
110.00 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
90.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.440 GHz 110.00 dBµV
Copyright 2000-2005 Agilent Technologies

CH11


Agilent
Display
Mkr1 2.461 50 GHz
Ref 127.6 dBµV
#Atten 10 dB
110.66 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
90.7
dBµV
LgAv
Full Screen
Display Line
90.70 dBµV
On Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 2.445 00 GHz
Stop 2.505 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.76 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.461 50 GHz 110.66 dBµV
2 (1) Freq 2.483 50 GHz 50.73 dBµV
3 (1) Freq 2.500 00 GHz 52.47 dBµV
Copyright 2000-2005 Agilent Technologies

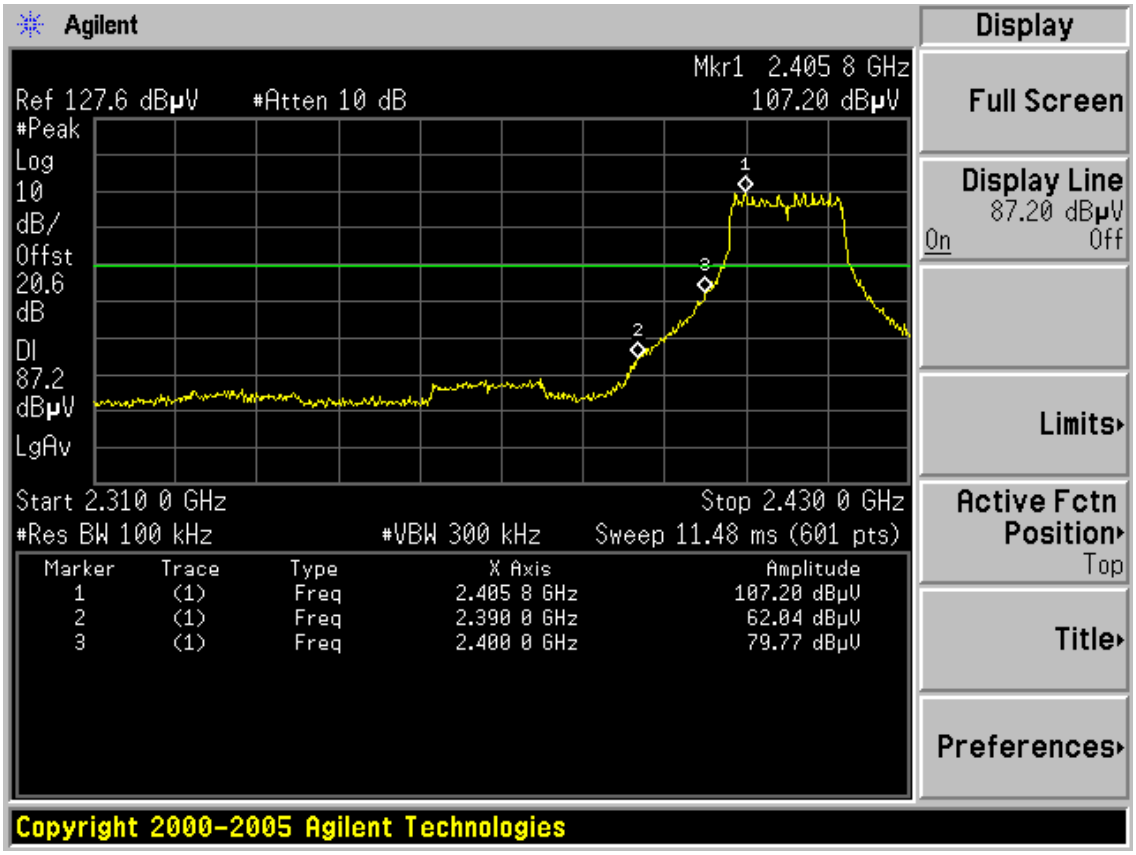

Agilent
Peak Search
Mkr1 411.5 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.15 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
90.5
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 411.5 MHz 46.15 dBµV
Copyright 2000-2005 Agilent Technologies

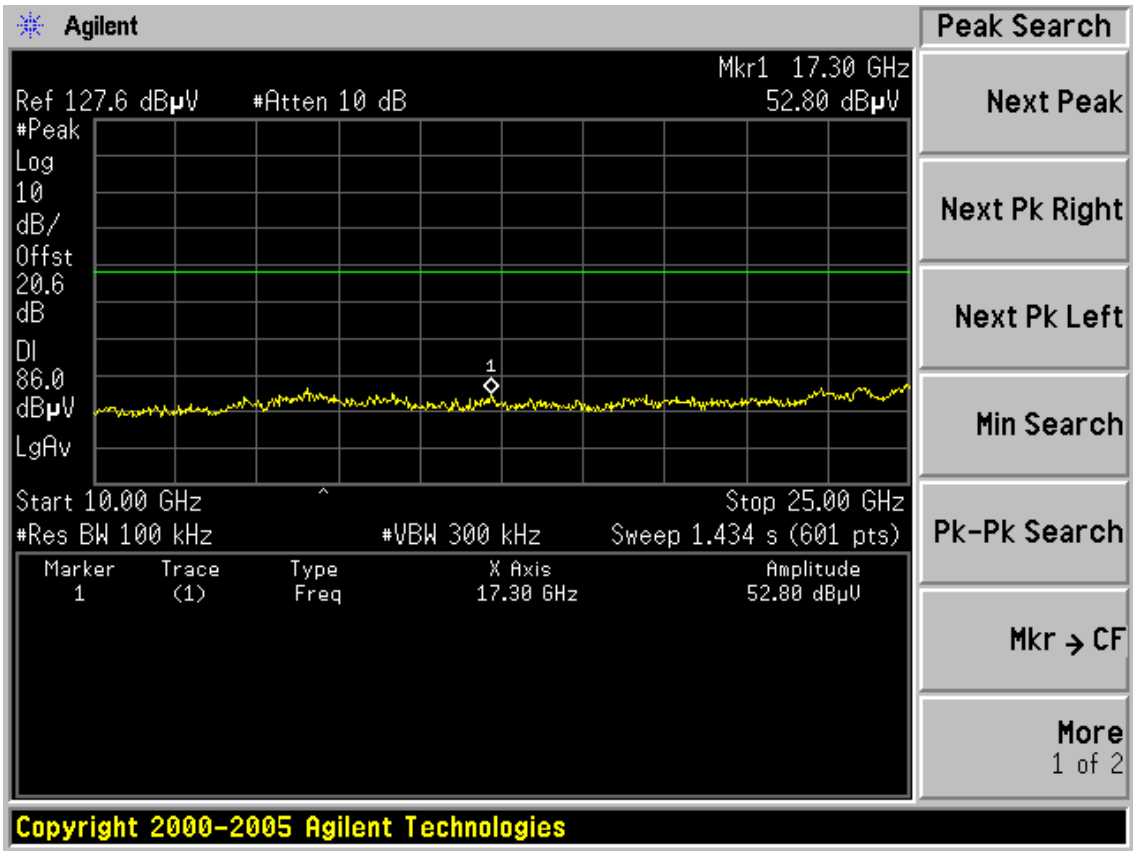

Agilent
Peak Search
Mkr1 15.15 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.46 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
90.5
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 15.15 GHz 53.46 dBµV
Copyright 2000-2005 Agilent Technologies

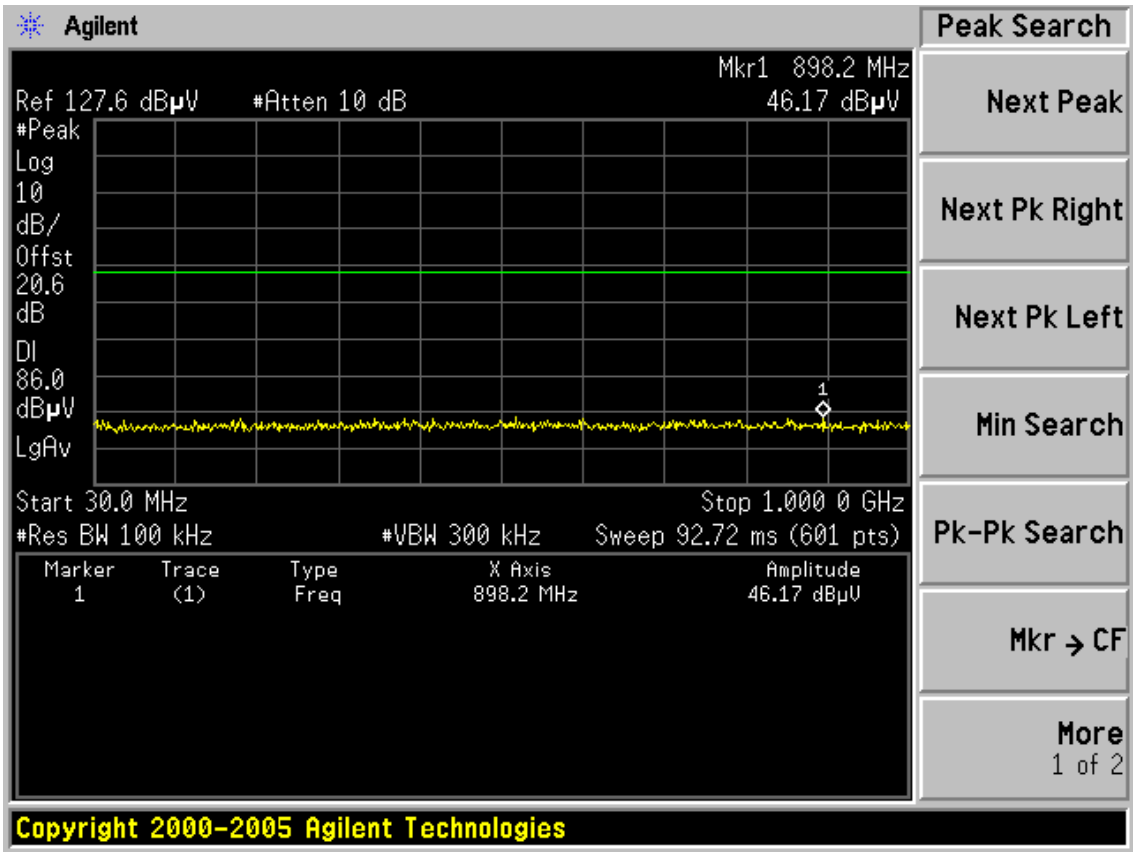


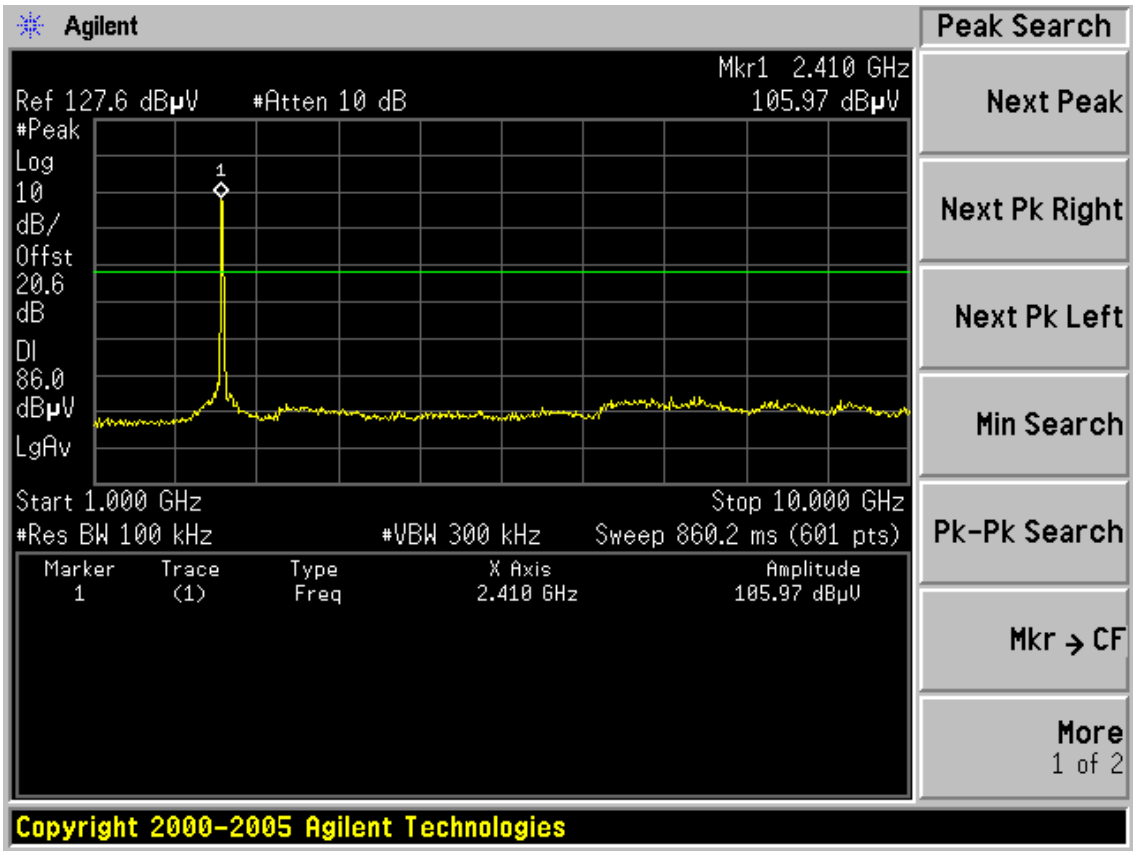
Test Mode: IEEE 802. 11gTX

CH1

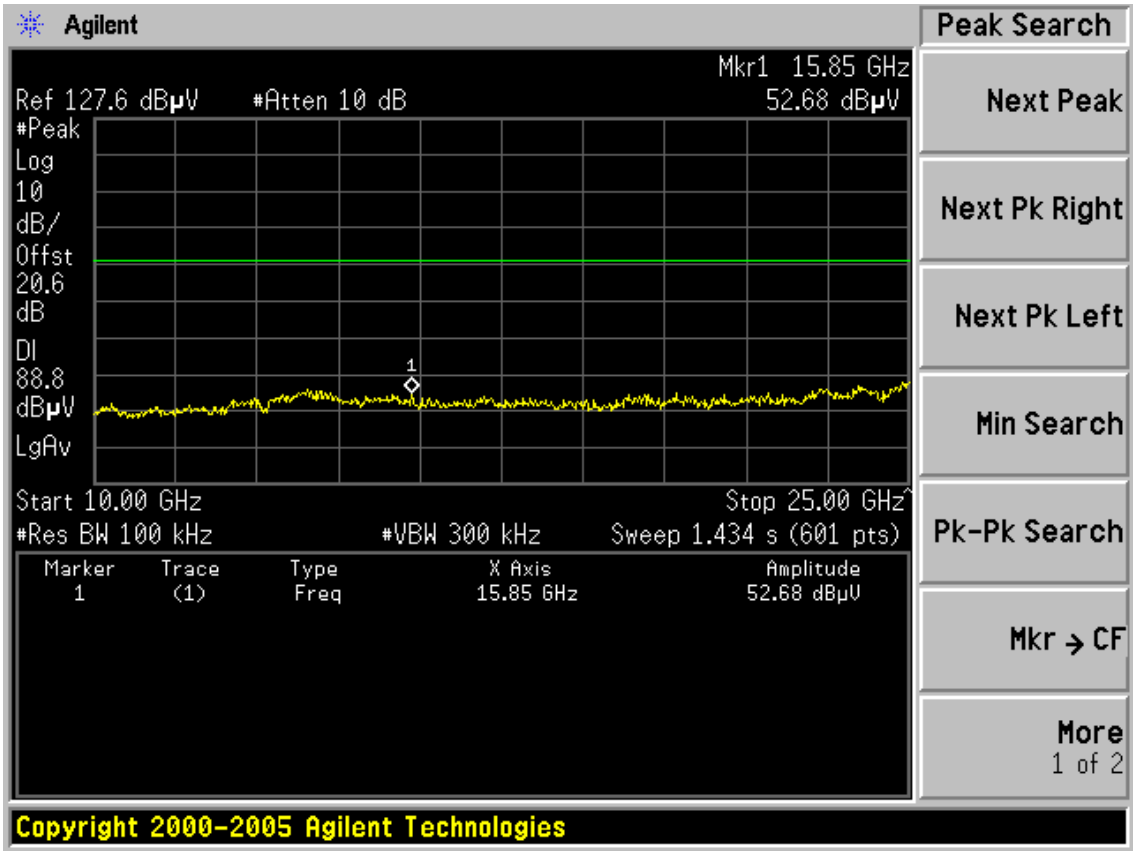


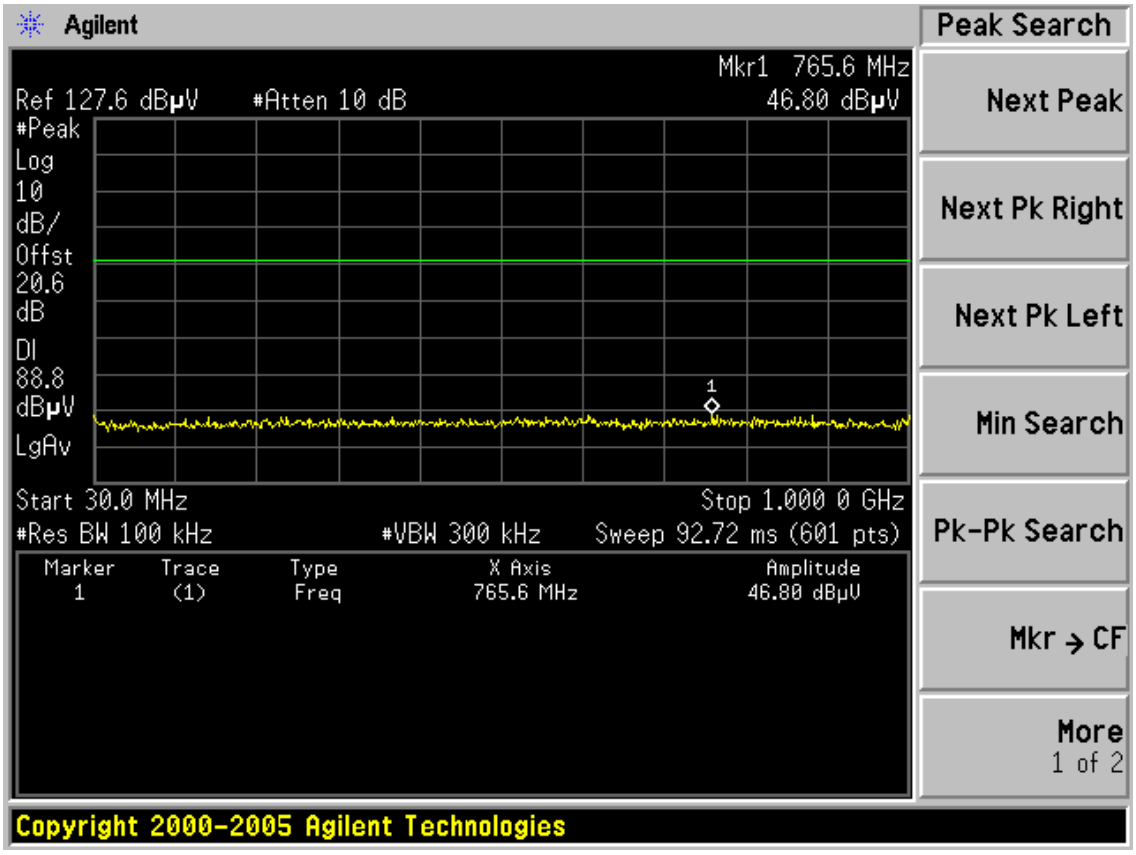

Agilent
Peak Search
Mkr1 17.30 GHz
Ref 127.6 dBµV
#Atten 10 dB
52.80 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 17.30 GHz 52.80 dBµV
Copyright 2000-2005 Agilent Technologies

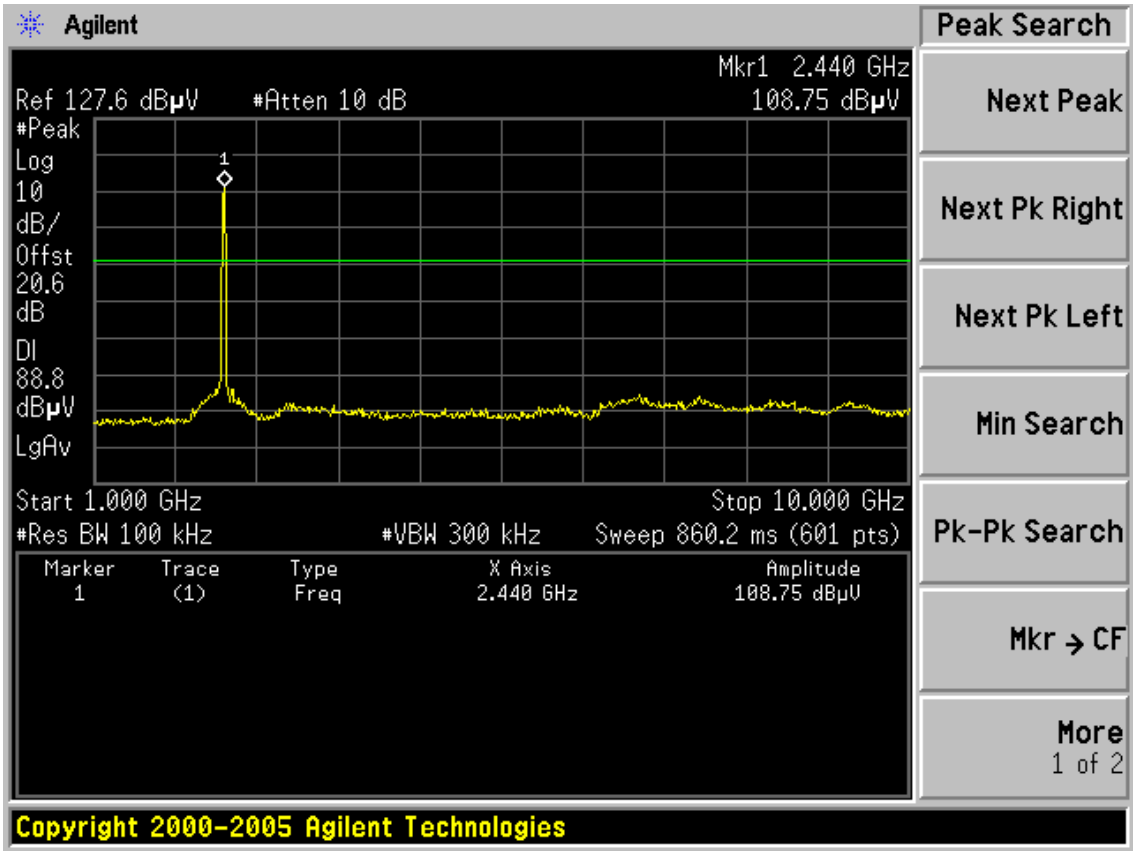

Agilent
Peak Search
Mkr1 898.2 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.17 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 898.2 MHz 46.17 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.410 GHz
Ref 127.6 dBµV
#Atten 10 dB
105.97 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.410 GHz 105.97 dBµV
Copyright 2000-2005 Agilent Technologies

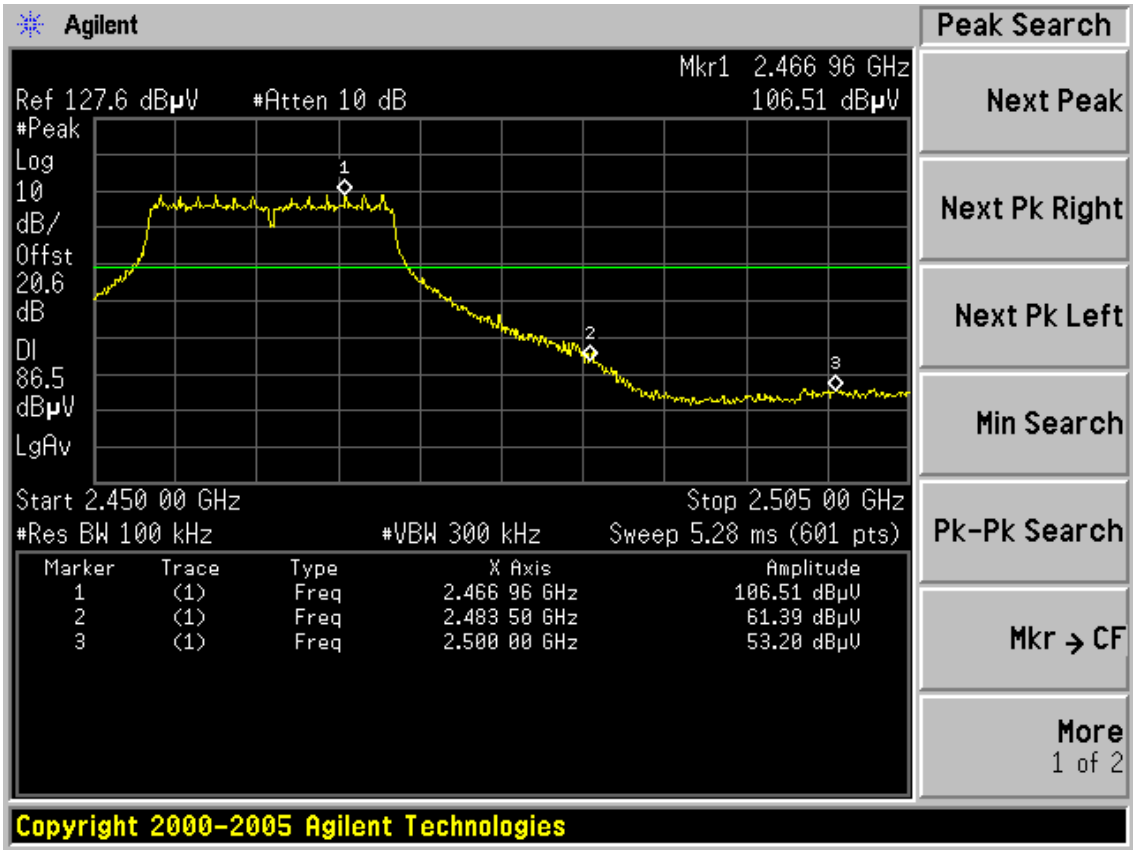
CH6

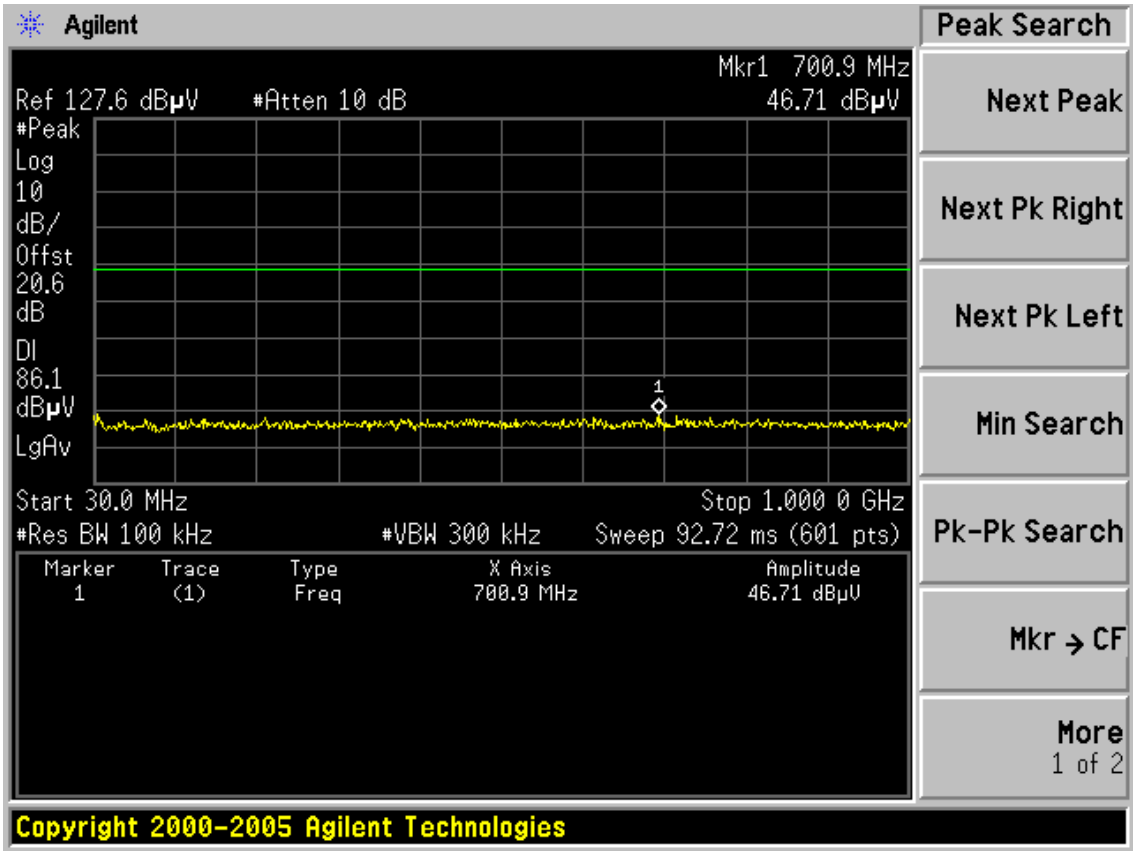

Agilent
Peak Search
Mkr1 15.85 GHz
Ref 127.6 dBµV
#Atten 10 dB
52.68 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
88.8
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 15.85 GHz 52.68 dBµV
Copyright 2000-2005 Agilent Technologies

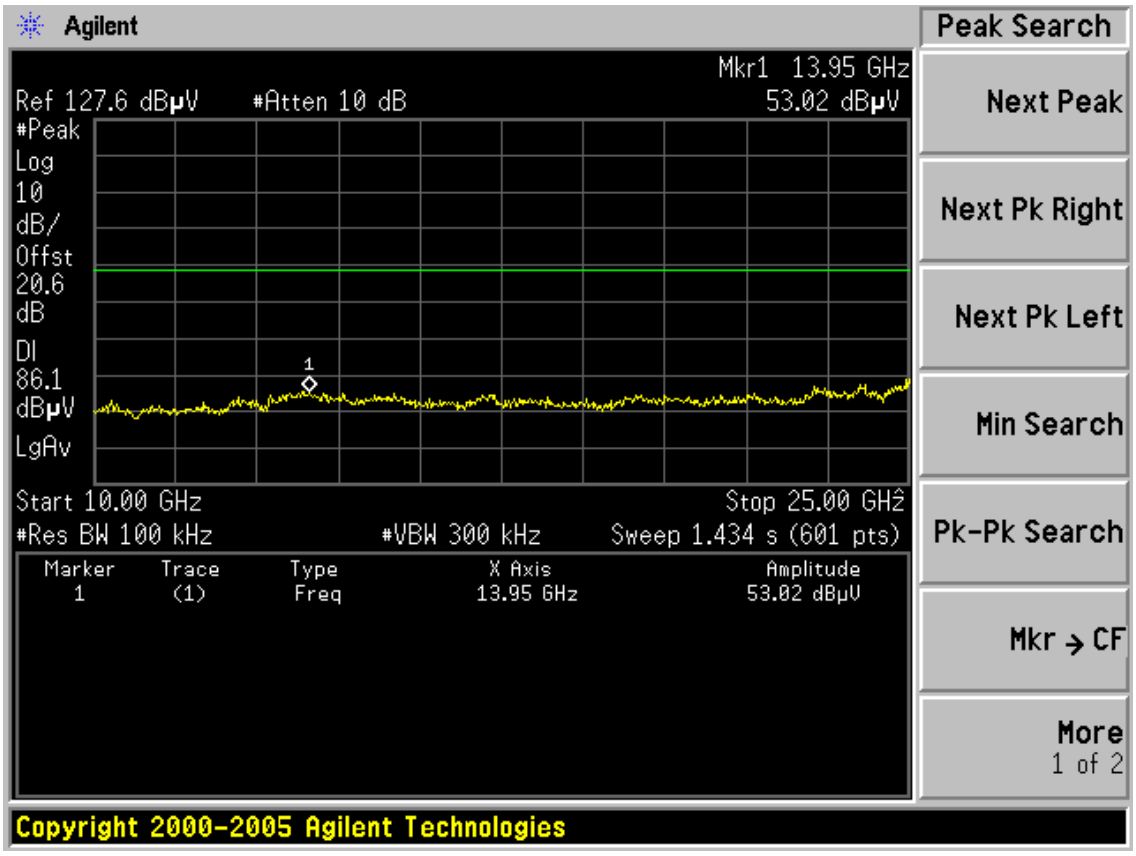

Agilent
Peak Search
Mkr1 765.6 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.80 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
88.8
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 765.6 MHz 46.80 dBµV
Copyright 2000-2005 Agilent Technologies

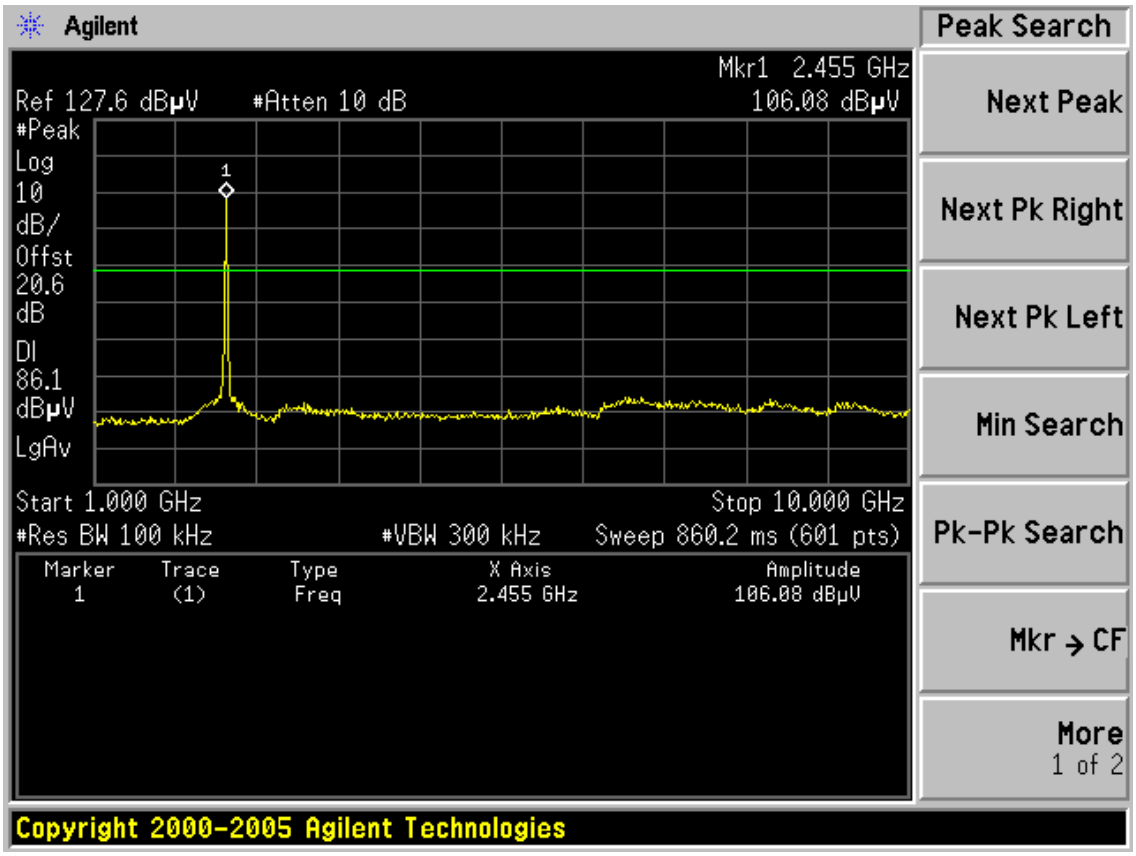

Agilent
Peak Search
Mkr1 2.440 GHz
Ref 127.6 dBµV
#Atten 10 dB
108.75 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
88.8
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.440 GHz 108.75 dBµV
Copyright 2000-2005 Agilent Technologies

CH11


Agilent
Peak Search
Mkr1 2.466 96 GHz
Ref 127.6 dBµV
#Atten 10 dB
106.51 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.5
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 2.450 00 GHz
Stop 2.505 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.28 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.466 96 GHz 106.51 dBµV
2 (1) Freq 2.483 50 GHz 61.39 dBµV
3 (1) Freq 2.500 00 GHz 53.20 dBµV
Copyright 2000-2005 Agilent Technologies

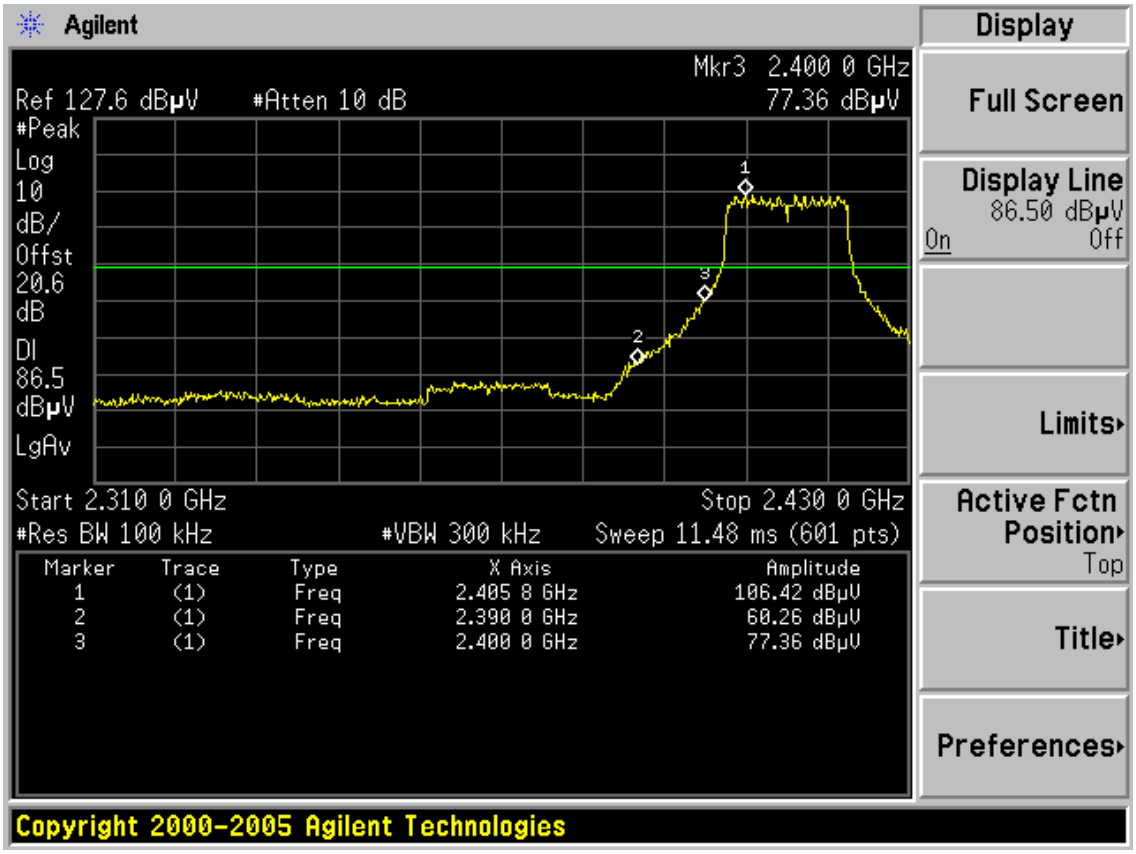

Agilent
Peak Search
Mkr1 700.9 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.71 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.1
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 700.9 MHz 46.71 dBµV
Copyright 2000-2005 Agilent Technologies

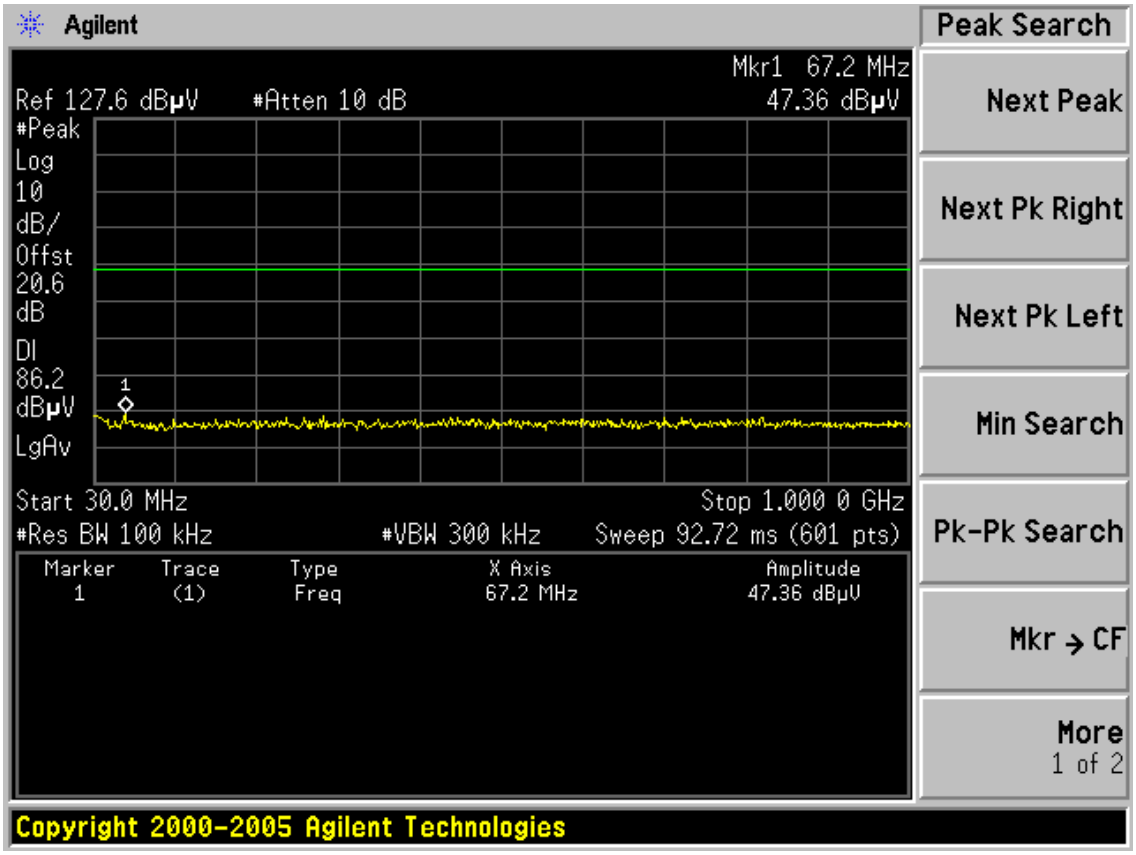

Agilent
Peak Search
Mkr1 13.95 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.02 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.1
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.95 GHz 53.02 dBµV
Copyright 2000-2005 Agilent Technologies

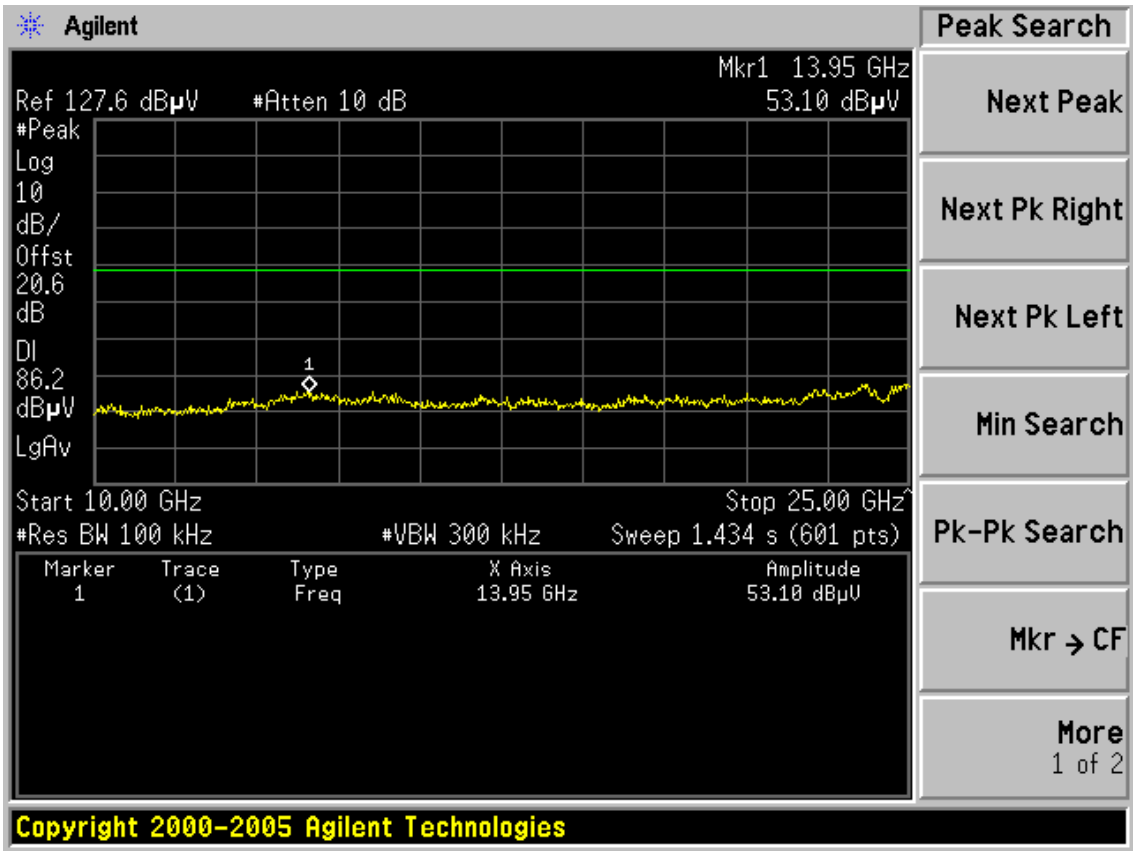

Agilent
Peak Search
Mkr1 2.455 GHz
Ref 127.6 dBµV
#Atten 10 dB
106.08 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.1
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.455 GHz 106.08 dBµV
Copyright 2000-2005 Agilent Technologies

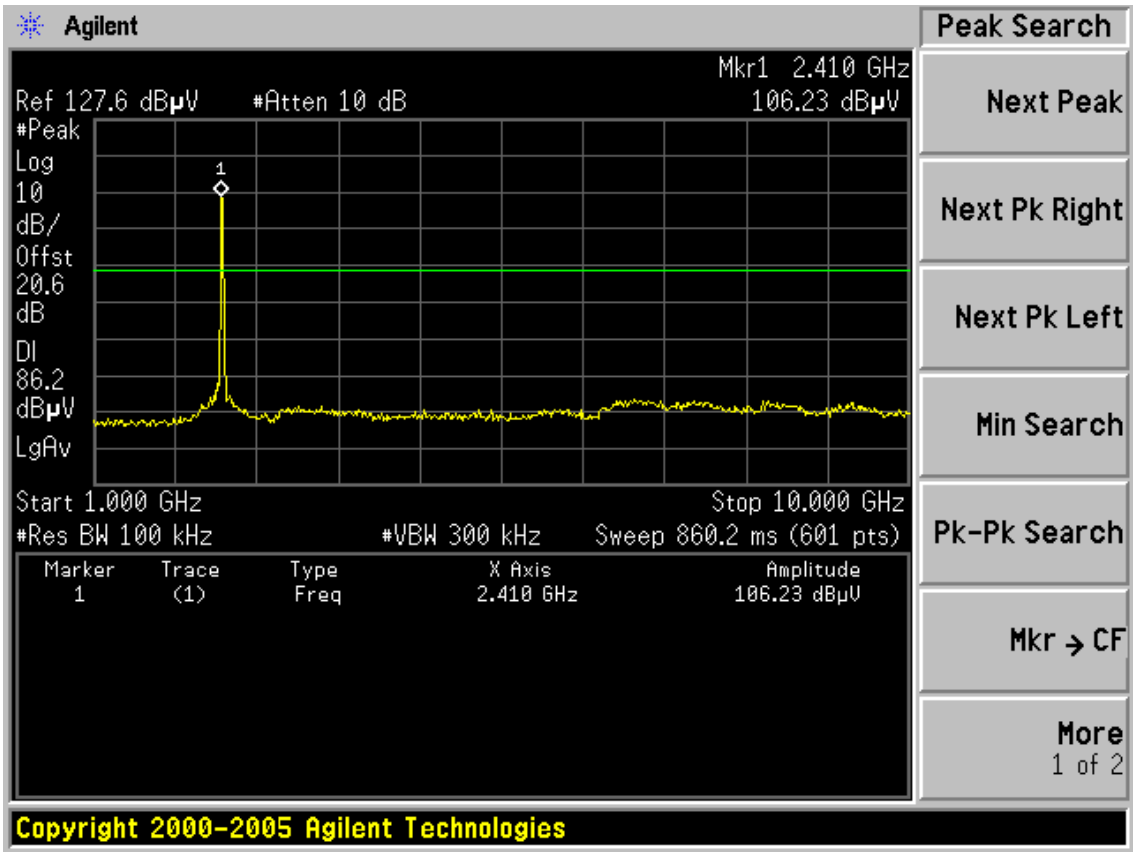
Test Mode: IEEE 802. 11n HT20TX

CH1

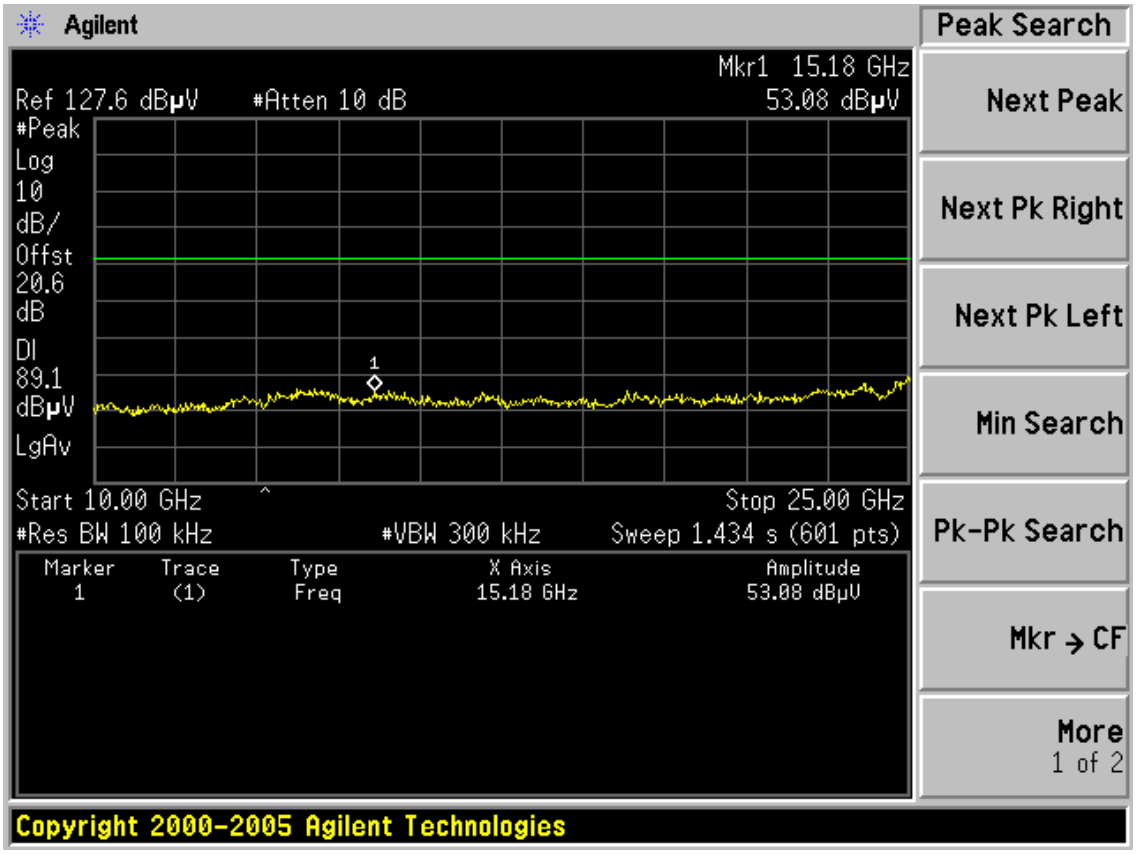


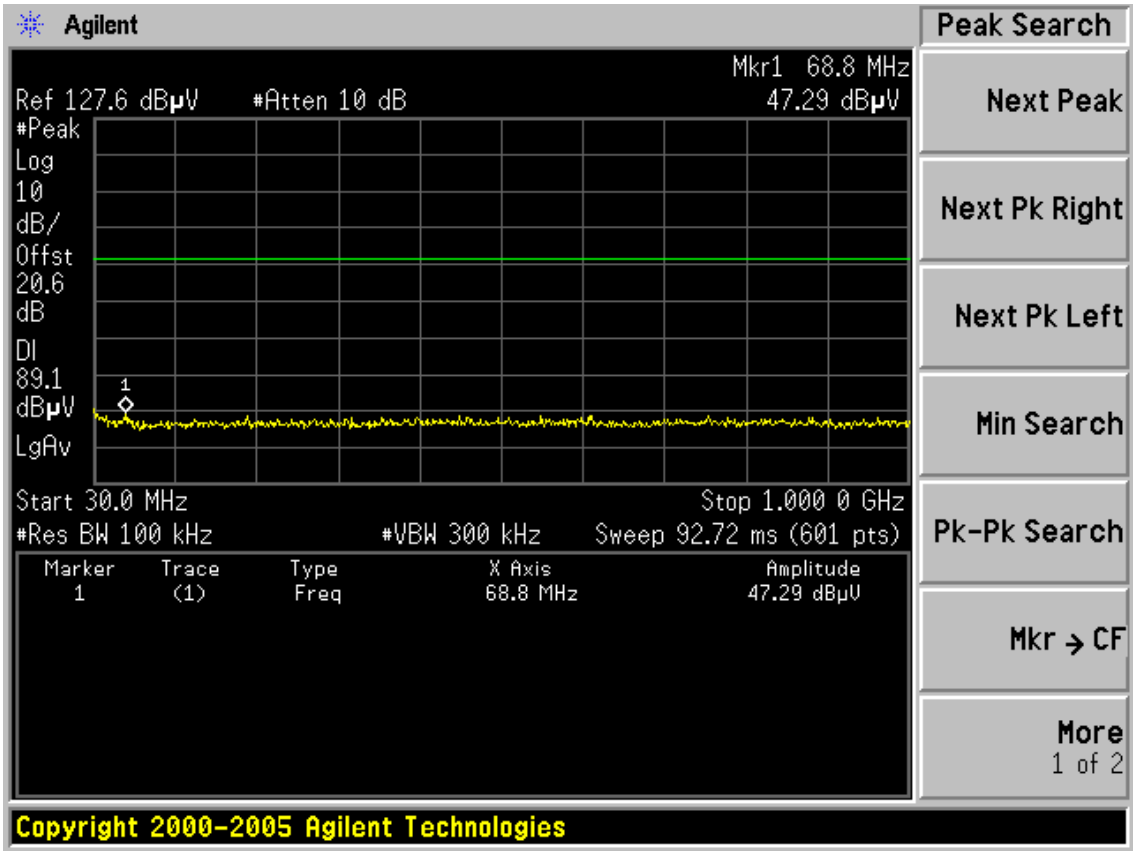


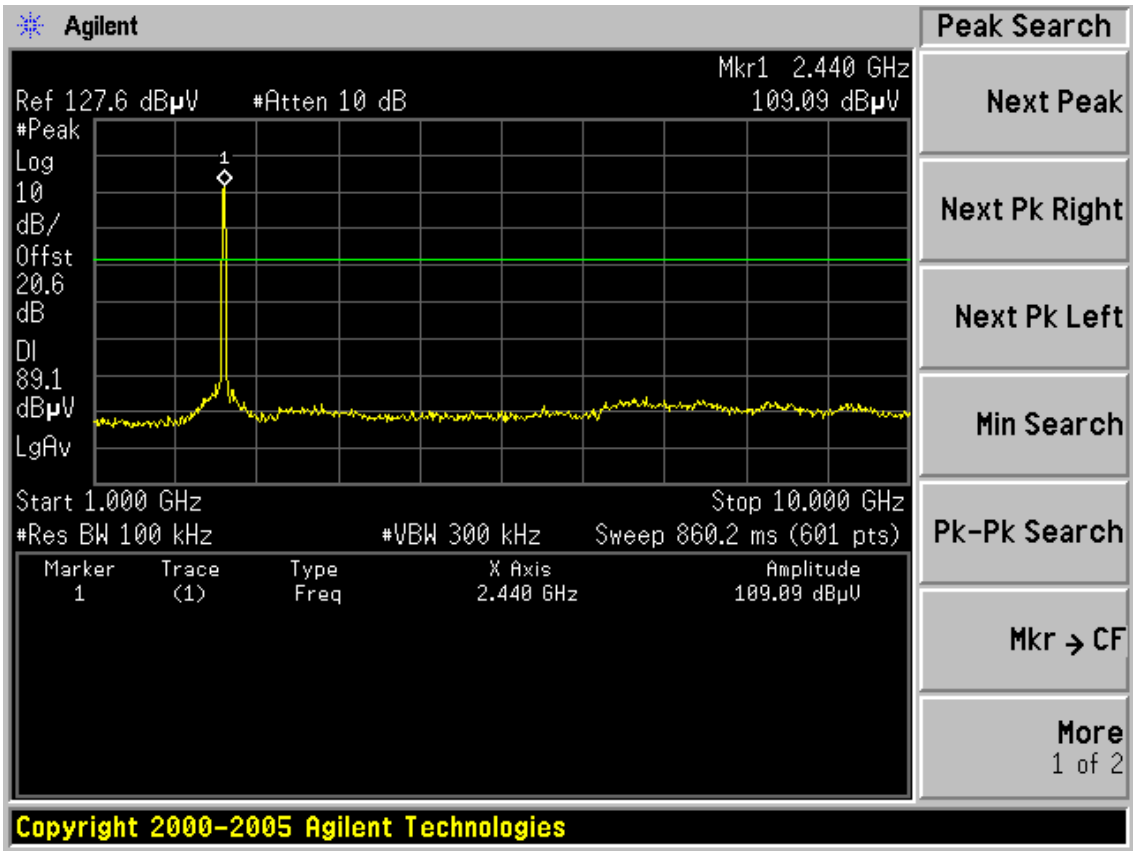

Agilent
Peak Search
Mkr1 13.95 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.10 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.2
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.95 GHz 53.10 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.410 GHz
Ref 127.6 dBµV
#Atten 10 dB
106.23 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.2
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.410 GHz 106.23 dBµV
Copyright 2000-2005 Agilent Technologies

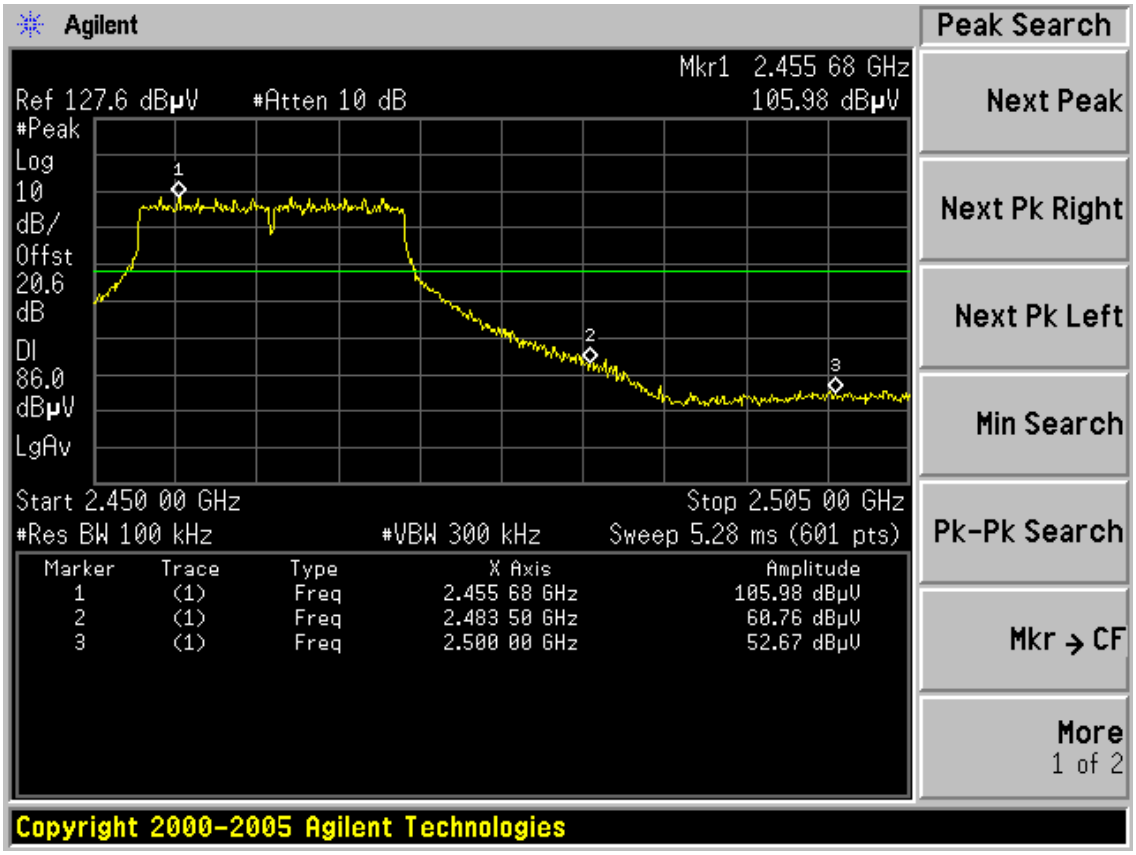
CH6

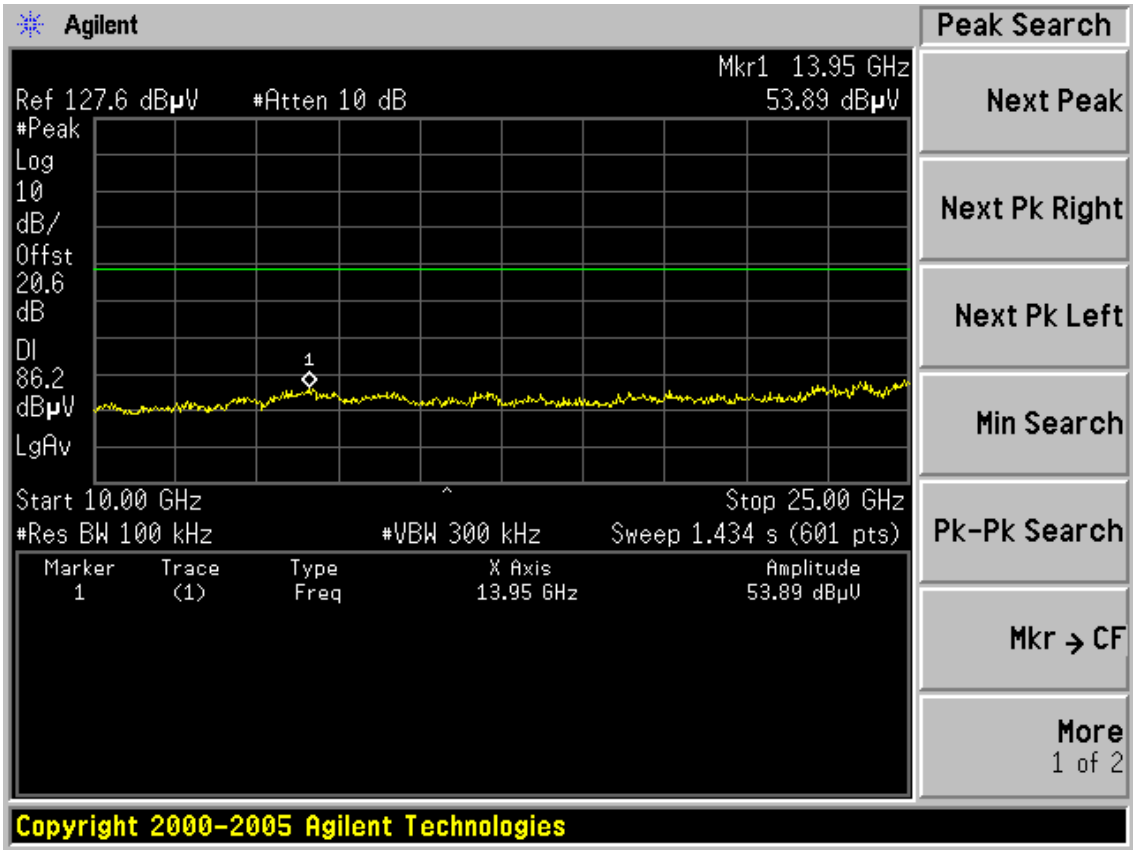

Agilent
Peak Search
Mkr1 15.18 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.08 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
89.1
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 15.18 GHz 53.08 dBµV
Copyright 2000-2005 Agilent Technologies

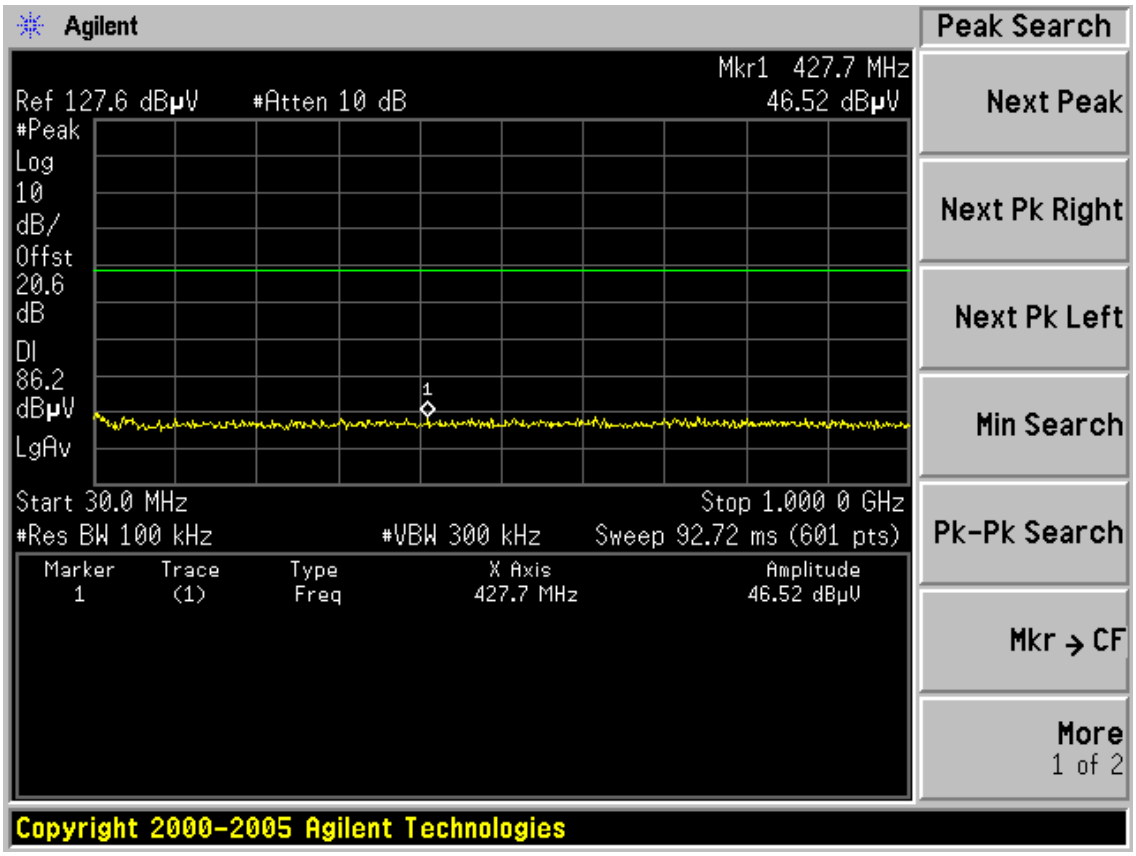

Agilent
Peak Search
Mkr1 68.8 MHz
Ref 127.6 dBµV
#Atten 10 dB
47.29 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
89.1
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 68.8 MHz 47.29 dBµV
Copyright 2000-2005 Agilent Technologies

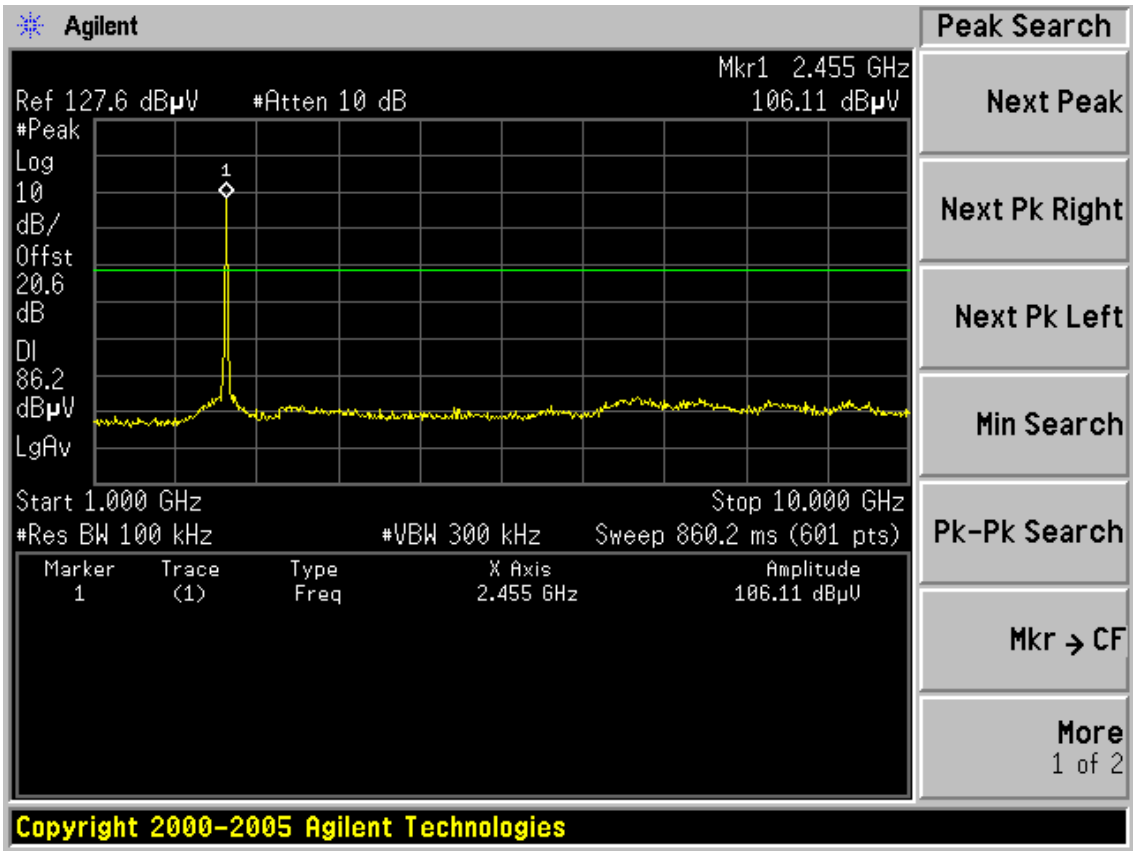

Agilent
Peak Search
Mkr1 2.440 GHz
Ref 127.6 dBµV
#Atten 10 dB
109.09 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
89.1
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.440 GHz 109.09 dBµV
Copyright 2000-2005 Agilent Technologies

CH11


Agilent
Peak Search
Mkr1 2.455 68 GHz
Ref 127.6 dBµV
#Atten 10 dB
105.98 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.0
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 2.450 00 GHz
Stop 2.505 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 5.28 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.455 68 GHz 105.98 dBµV
2 (1) Freq 2.483 50 GHz 60.76 dBµV
3 (1) Freq 2.500 00 GHz 52.67 dBµV
Copyright 2000-2005 Agilent Technologies

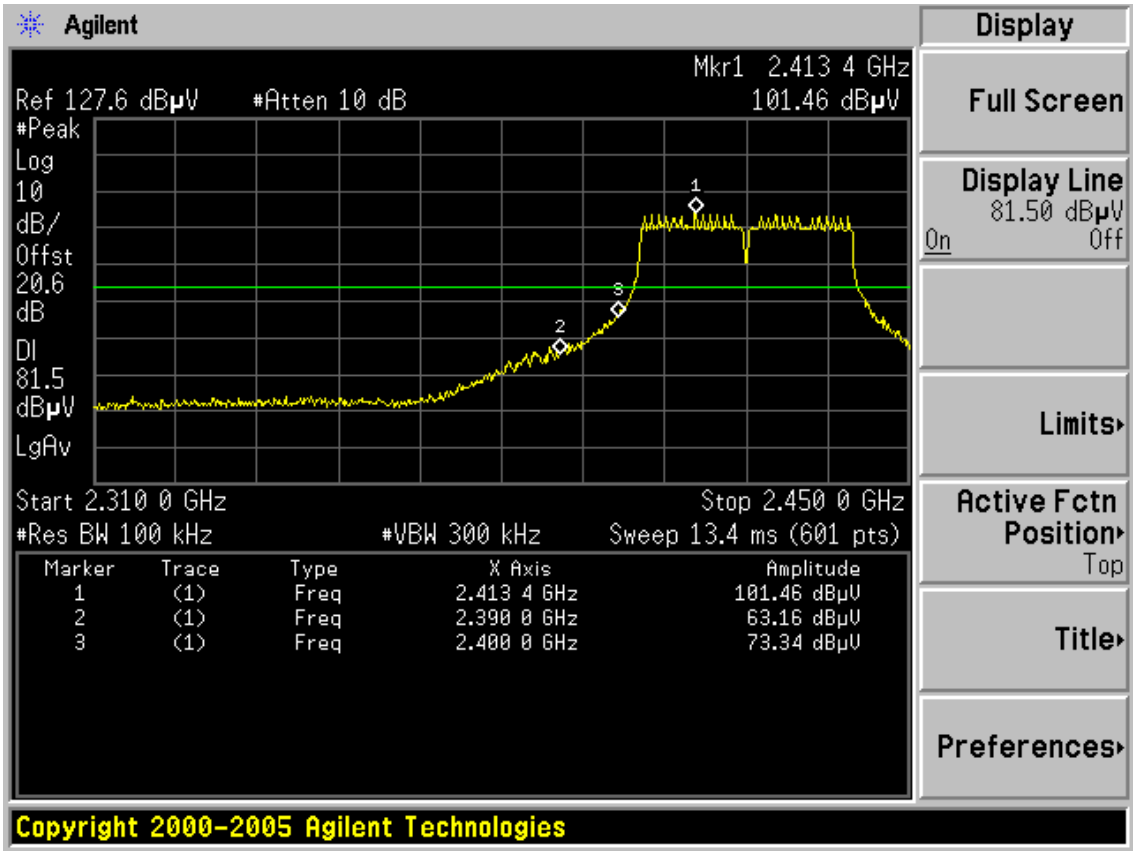

Agilent
Peak Search
Mkr1 13.95 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.89 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.2
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.95 GHz 53.89 dBµV
Copyright 2000-2005 Agilent Technologies

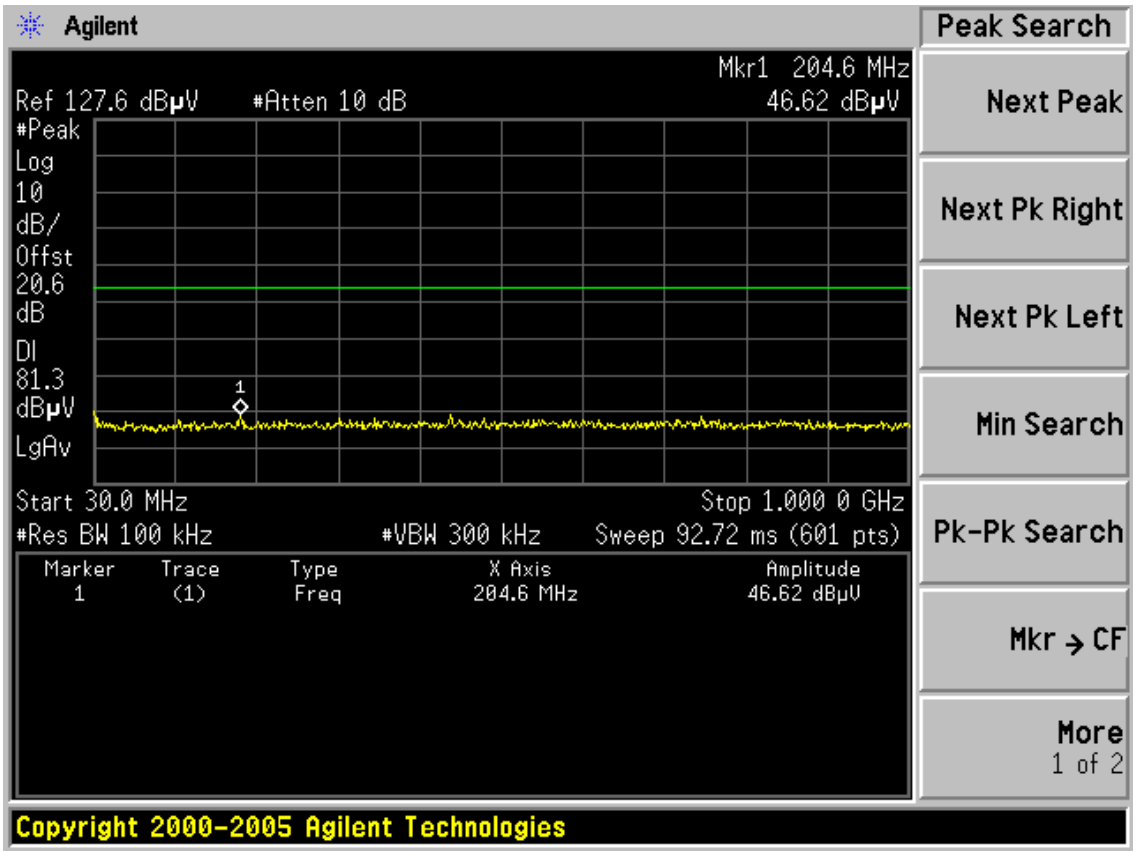

Agilent
Peak Search
Mkr1 427.7 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.52 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
86.2
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 427.7 MHz 46.52 dBµV
Copyright 2000-2005 Agilent Technologies

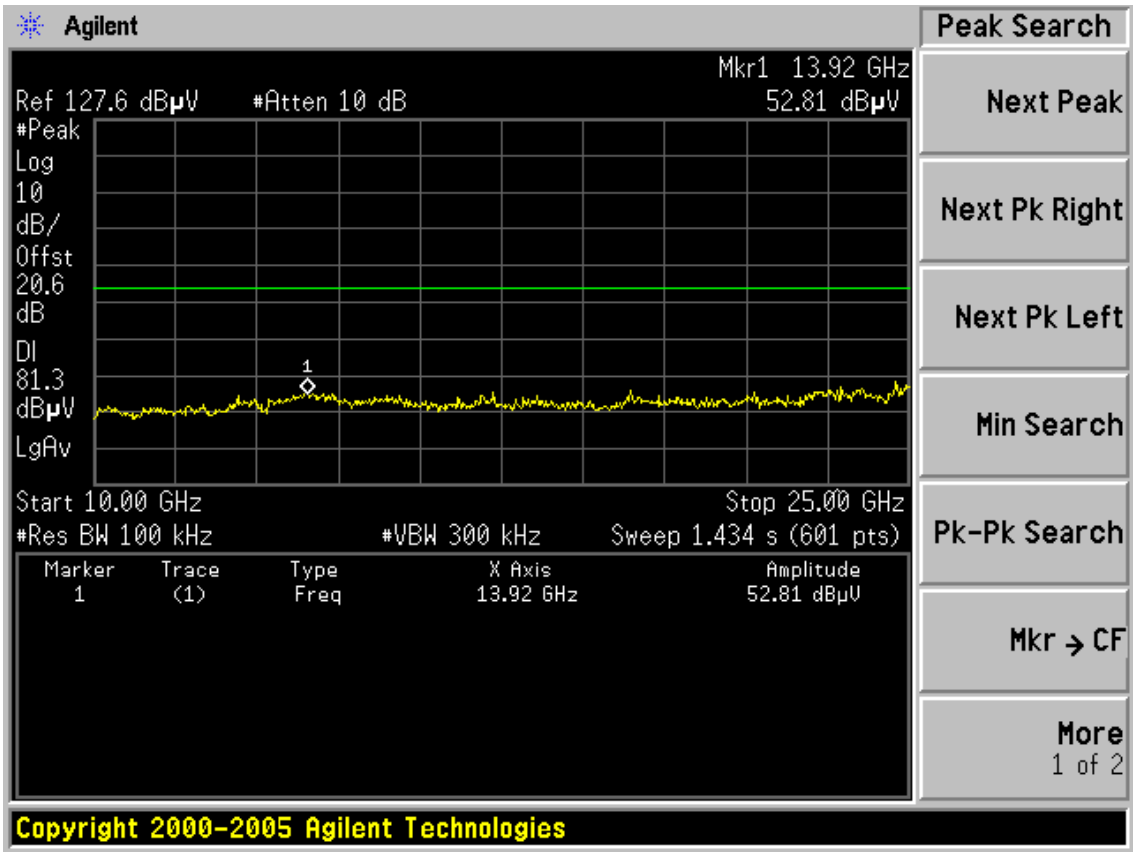


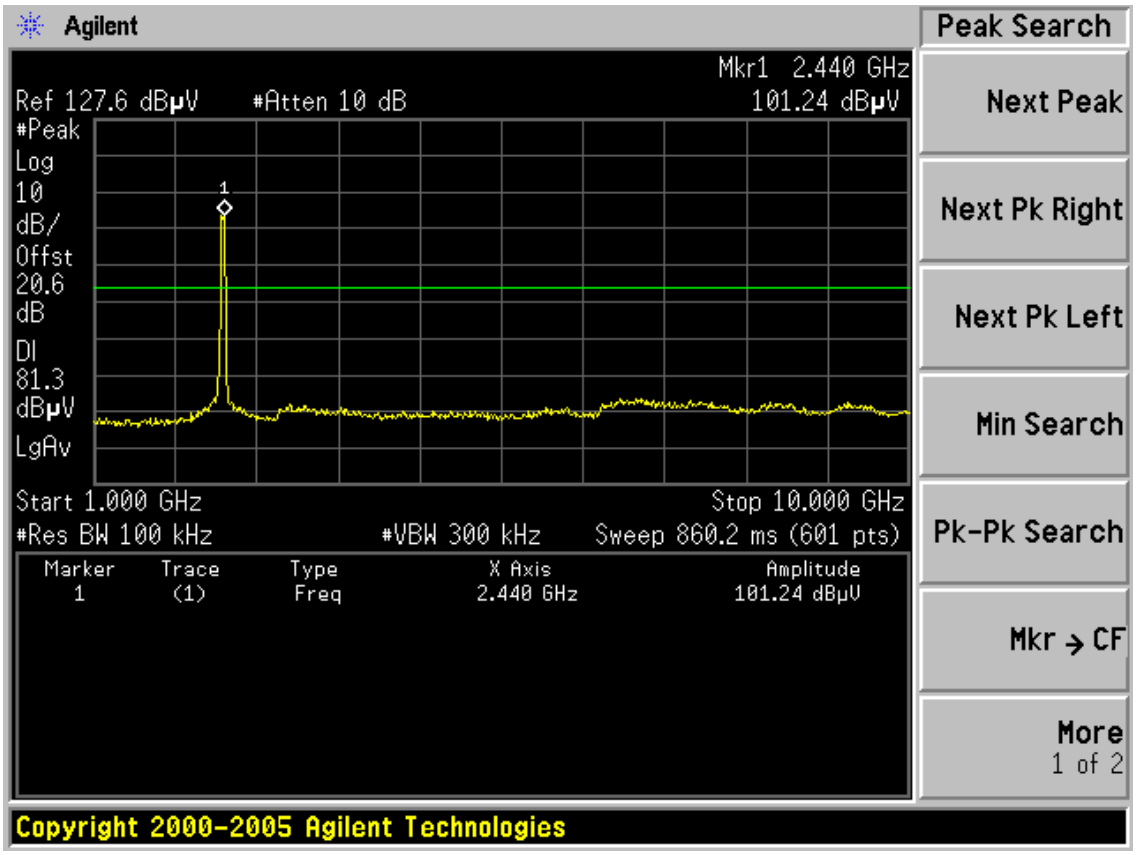
Test Mode: IEEE 802. 11n HT40 TX

CH1

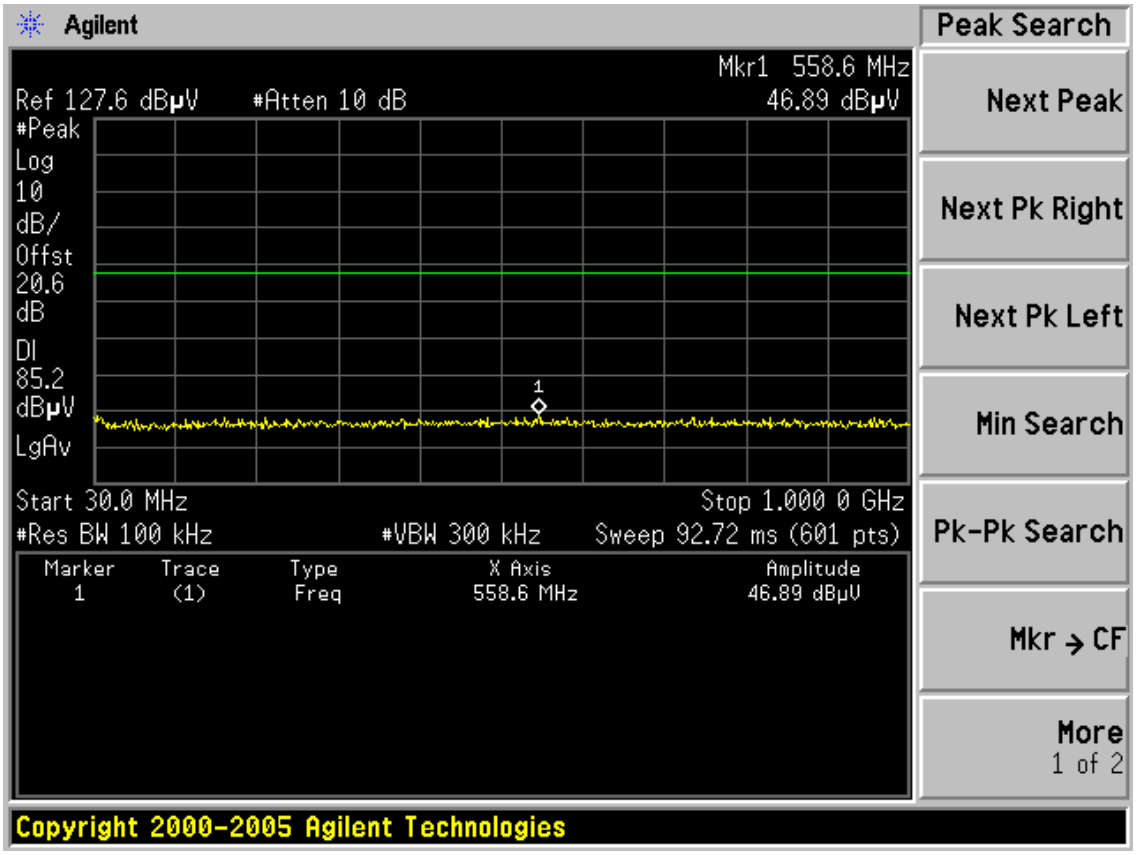


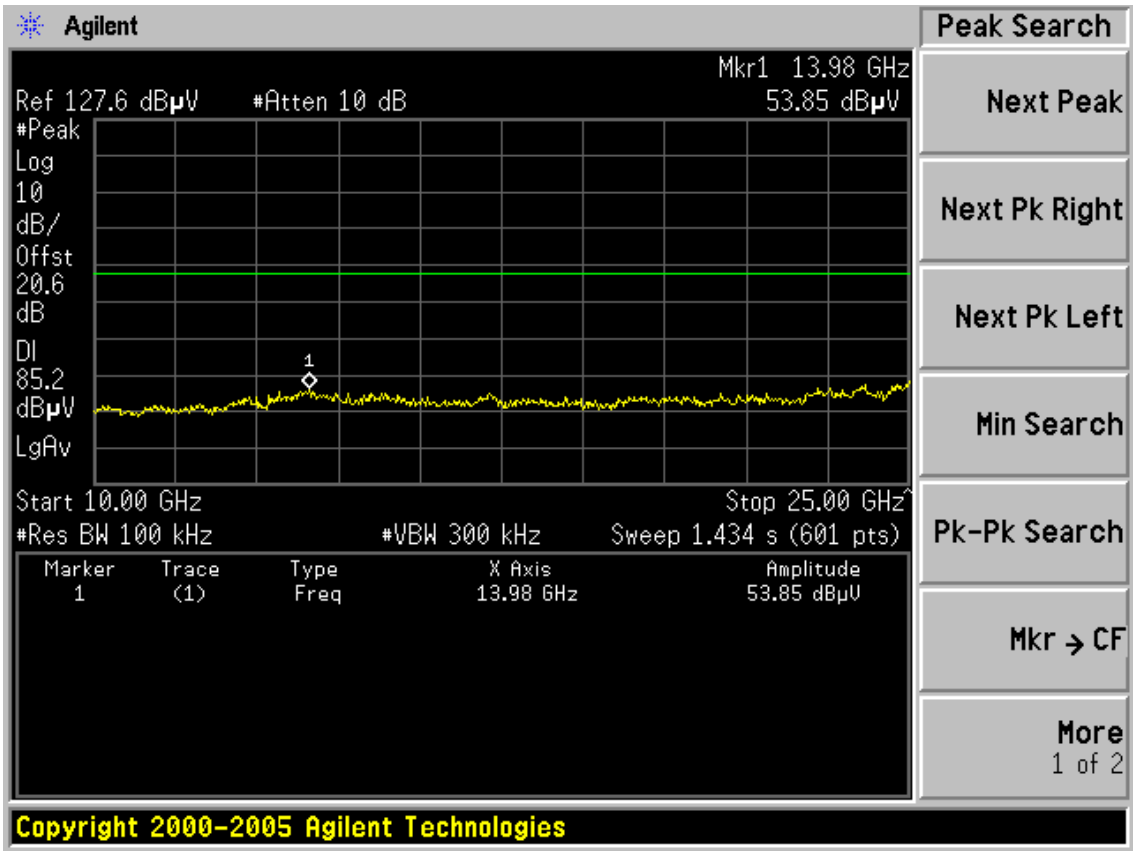

Agilent
Peak Search
Mkr1 204.6 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.62 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
81.3
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 204.6 MHz 46.62 dBµV
Copyright 2000-2005 Agilent Technologies

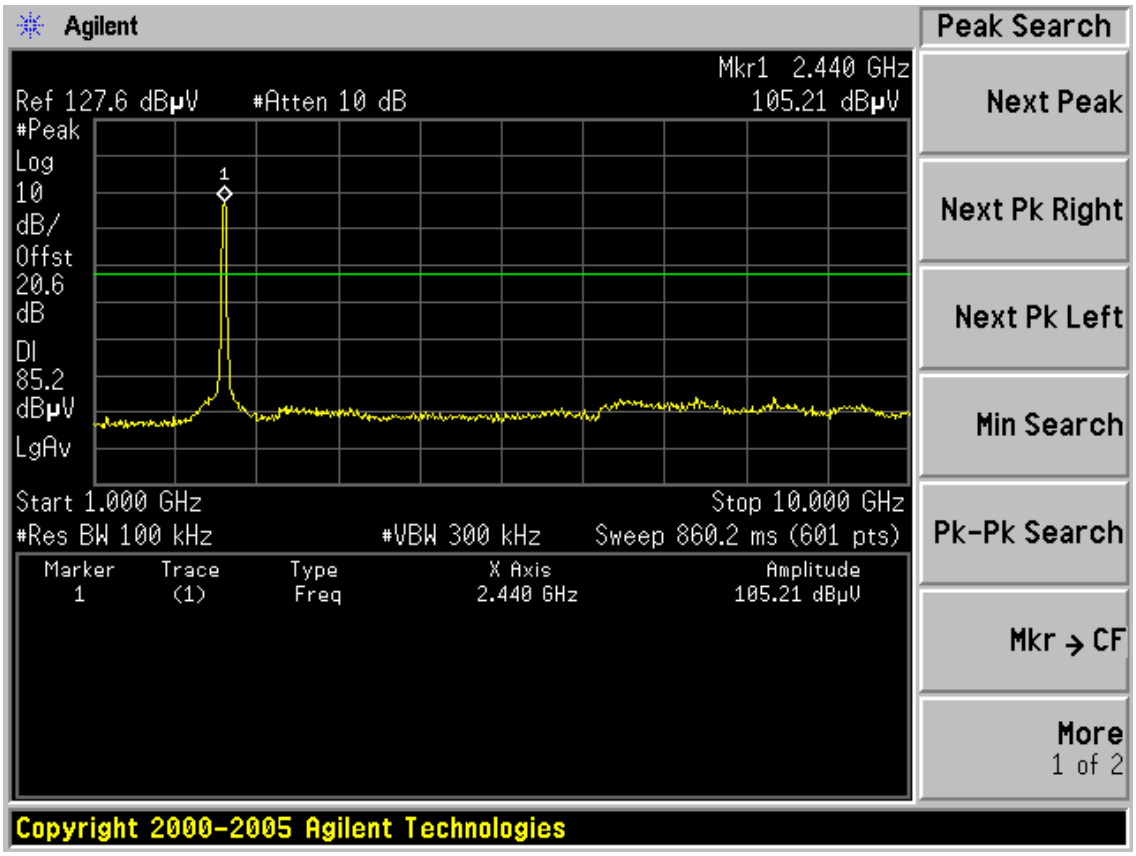

Agilent
Peak Search
Mkr1 13.92 GHz
Ref 127.6 dBµV
#Atten 10 dB
52.81 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
81.3
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.92 GHz 52.81 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.440 GHz
Ref 127.6 dBµV
#Atten 10 dB
101.24 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
81.3
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.440 GHz 101.24 dBµV
Copyright 2000-2005 Agilent Technologies

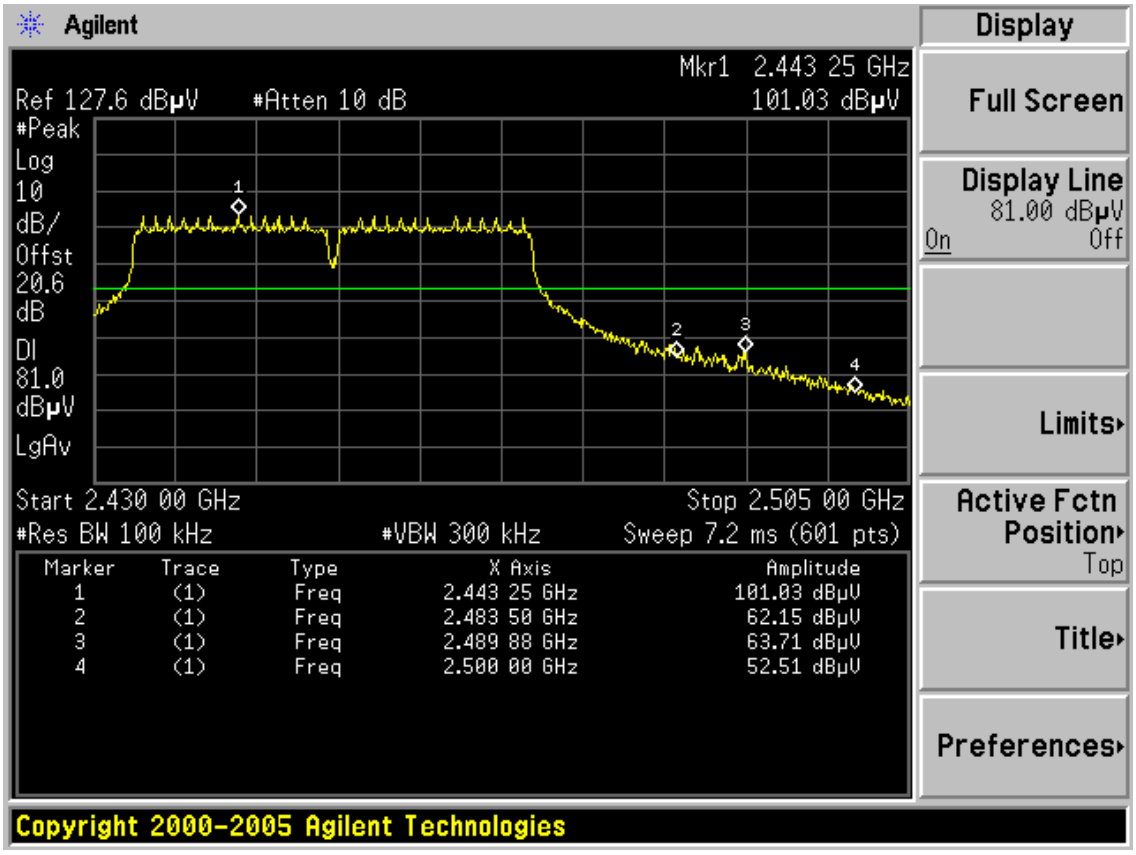
CH4

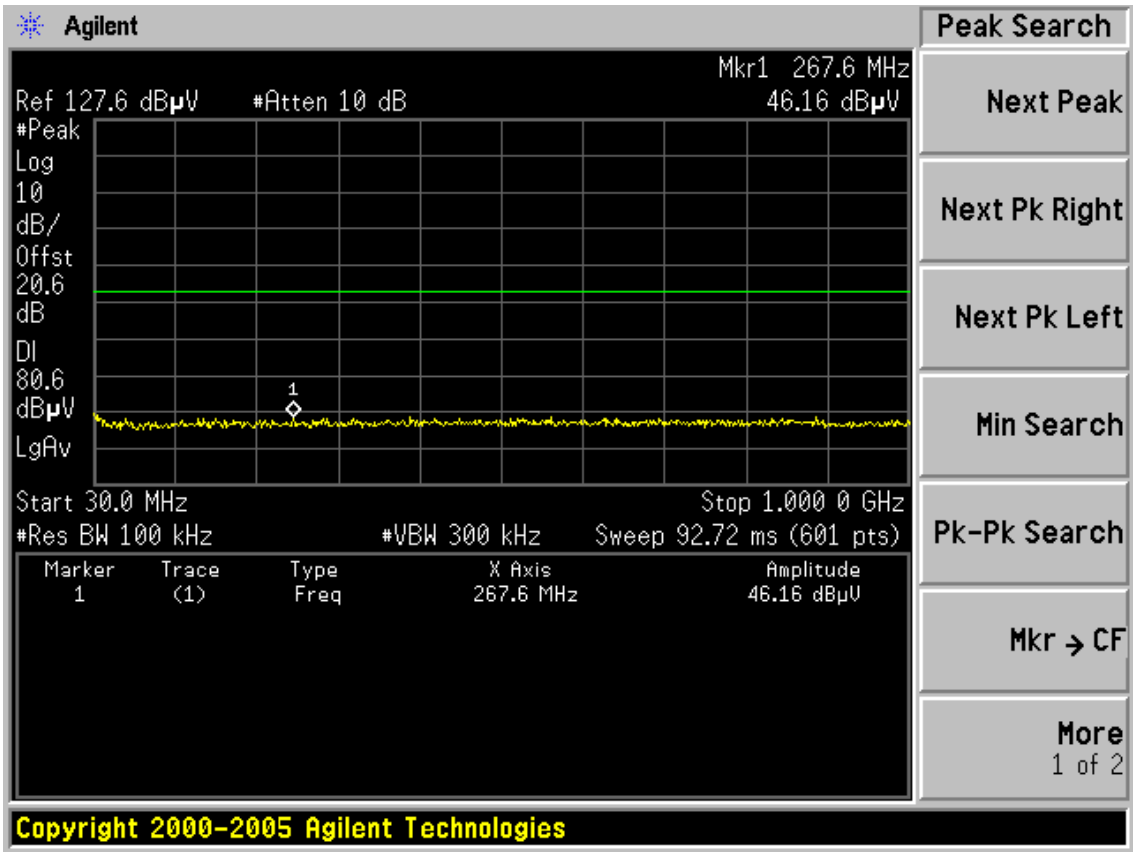

Agilent
Peak Search
Mkr1 558.6 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.89 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.2
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 558.6 MHz 46.89 dBµV
Copyright 2000-2005 Agilent Technologies

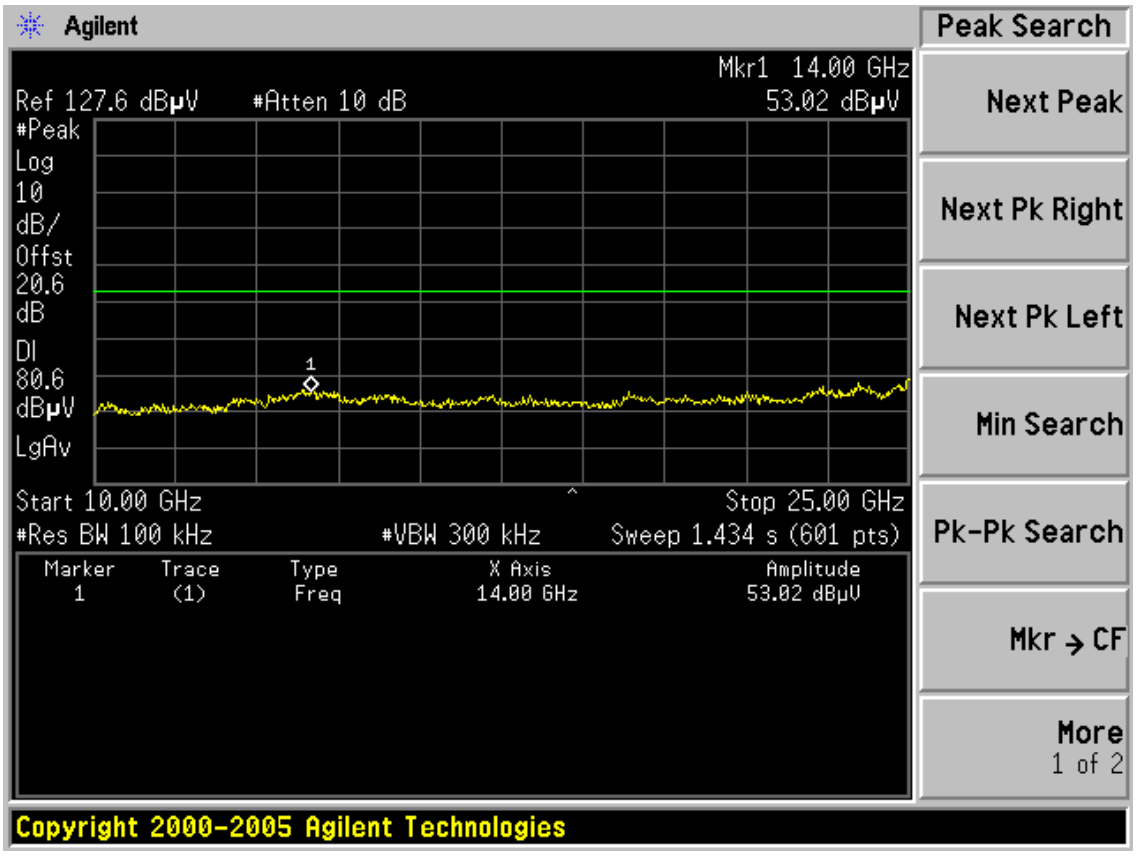

Agilent
Peak Search
Mkr1 13.98 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.85 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.2
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 13.98 GHz 53.85 dBµV
Copyright 2000-2005 Agilent Technologies

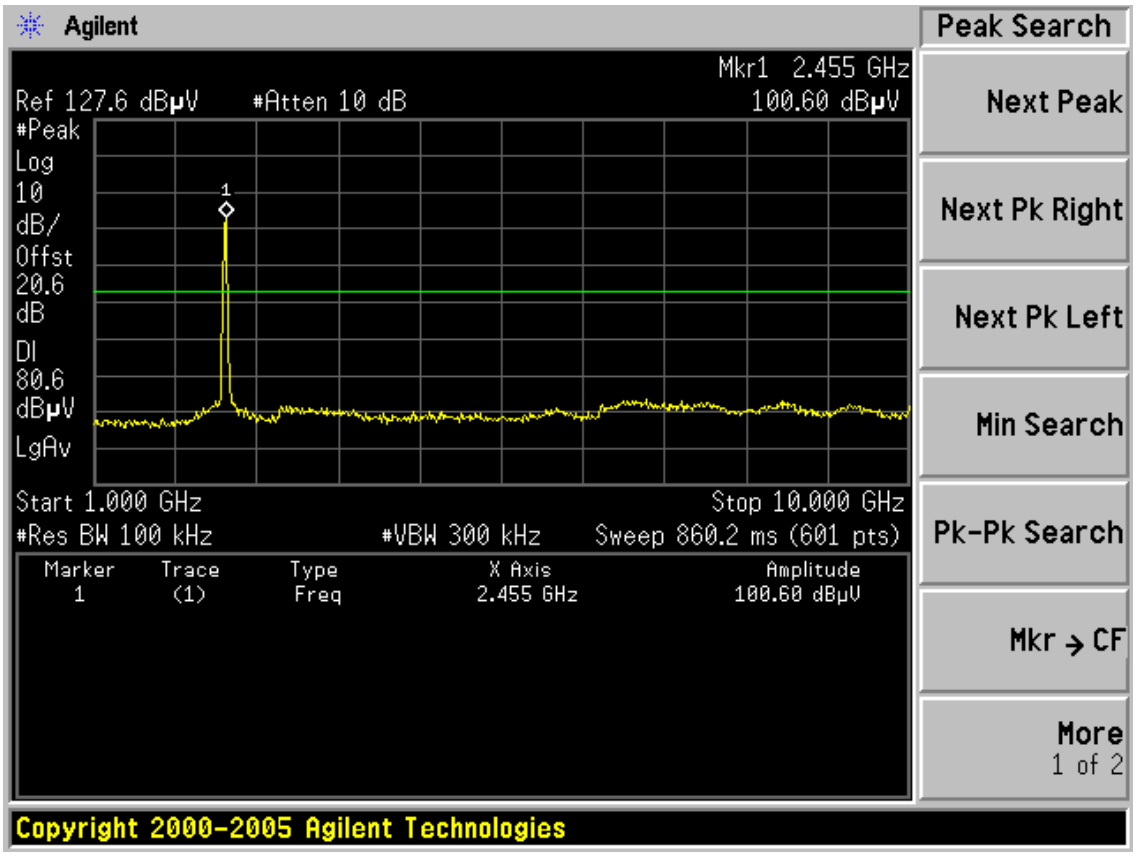

Agilent
Peak Search
Mkr1 2.440 GHz
Ref 127.6 dBµV
#Atten 10 dB
105.21 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
85.2
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.440 GHz 105.21 dBµV
Copyright 2000-2005 Agilent Technologies

CH7


Agilent
Display
Mkr1 2.443 25 GHz
Ref 127.6 dBµV
#Atten 10 dB
101.03 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
81.0
dBµV
LgAv
Full Screen
Display Line
81.00 dBµV
On
Off
Limits
Active Fctn
Position
Top
Title
Preferences
Start 2.430 00 GHz
Stop 2.505 00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 7.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.443 25 GHz 101.03 dBµV
2 (1) Freq 2.483 50 GHz 62.15 dBµV
3 (1) Freq 2.489 88 GHz 63.71 dBµV
4 (1) Freq 2.500 00 GHz 52.51 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 267.6 MHz
Ref 127.6 dBµV
#Atten 10 dB
46.16 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
80.6
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 30.0 MHz
Stop 1.000 0 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 92.72 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 267.6 MHz 46.16 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 14.00 GHz
Ref 127.6 dBµV
#Atten 10 dB
53.02 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
80.6
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 10.00 GHz
Stop 25.00 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 1.434 s (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 14.00 GHz 53.02 dBµV
Copyright 2000-2005 Agilent Technologies


Agilent
Peak Search
Mkr1 2.455 GHz
Ref 127.6 dBµV
#Atten 10 dB
100.60 dBµV
#Peak
Log
10
dB/
Offst
20.6
dB
Dl
80.6
dBµV
LgAv
Next Peak
Next Pk Right
Next Pk Left
Min Search
Pk-Pk Search
Mkr → CF
More
1 of 2
Start 1.000 GHz
Stop 10.000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Sweep 860.2 ms (601 pts)
Marker Trace Type X Axis Amplitude
1 (1) Freq 2.455 GHz 100.60 dBµV
Copyright 2000-2005 Agilent Technologies

6. BAND EDGE COMPLIANCE TEST

6.1.Test Equipment

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E4446A	US44300459	May.08,10	1 Year
2.	Horn Antenna	EMCO	3115	9607-4877	Nov.25, 09	1.5 Year
3.	Amplifier	Agilent	8449B	3008A02495	May.08, 10	1 Year
4.	RF Cable	Hubersuhner	SUCOFLEX102	28620/2	May.08,10	1 Year
5.	RF Cable	Hubersuhner	SUCOFLEX102	28618/2	May.08,10	1 Year
6.	RF Cable	Hubersuhner	SUCOFLEX102	28610/2	May.08,10	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.

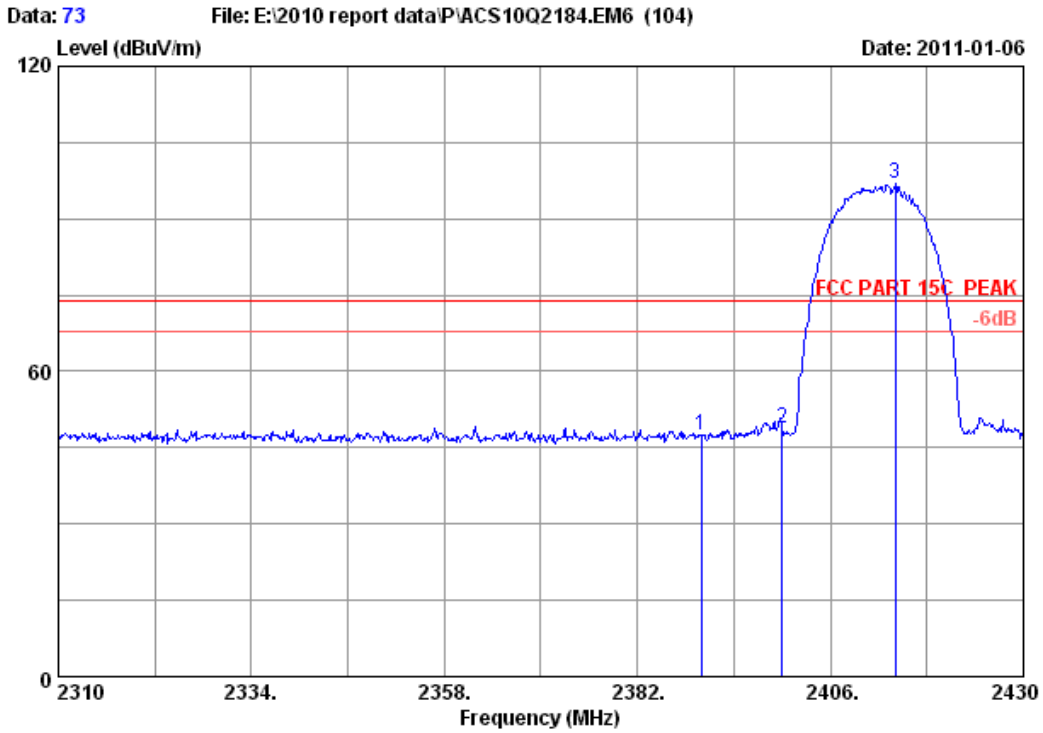
3. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.

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

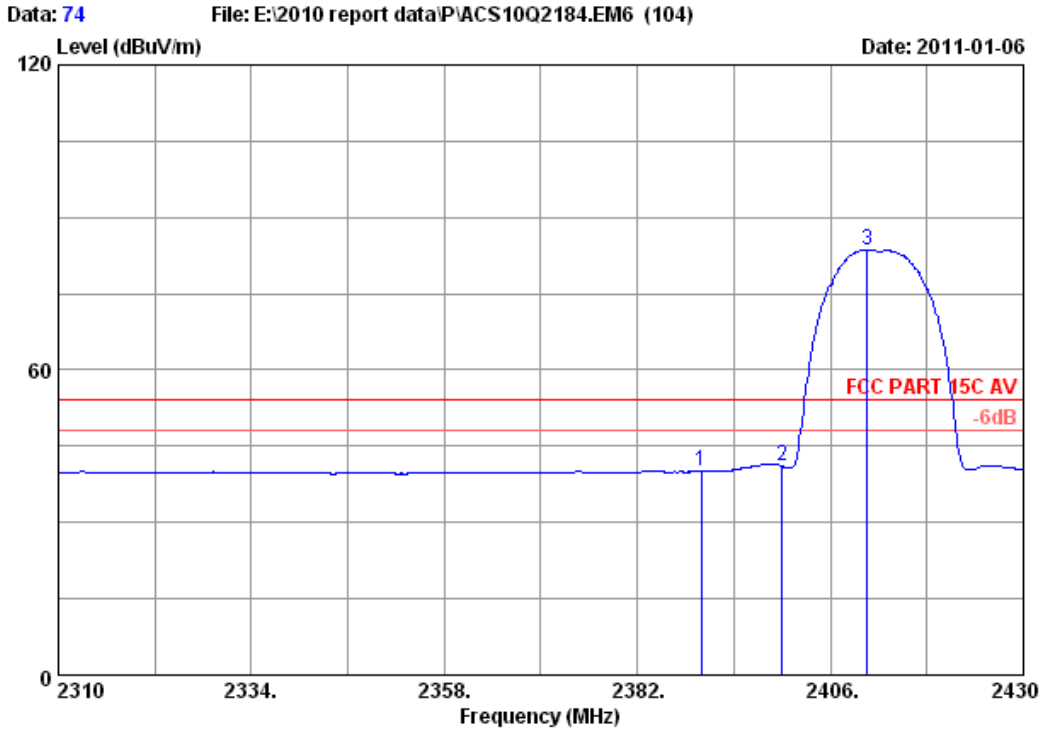
Pass (The testing data was attached in the next pages.)



Site no. : 10m Chamber Data no. : 73
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : PW-RN501D

	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	29.44	7.39	36.62	47.32	47.53	74.00	26.47	Peak
2	2400.000	29.44	7.43	36.62	48.60	48.85	74.00	25.15	Peak
3	2414.040	29.45	7.43	36.62	96.55	96.81	74.00	-22.81	Peak

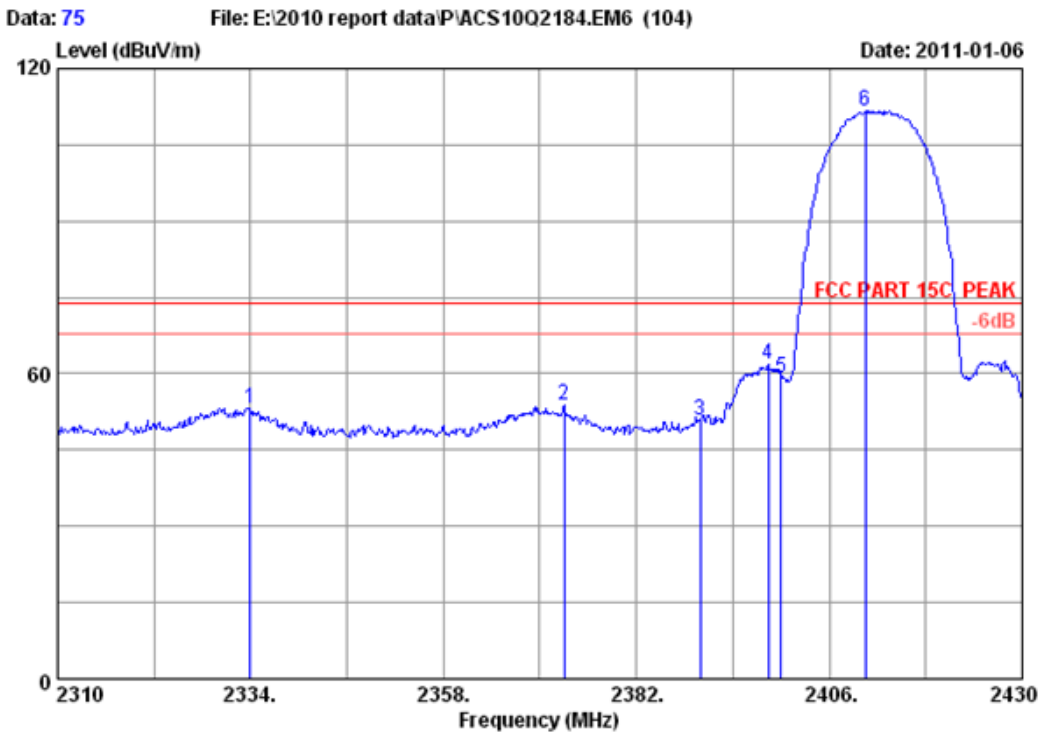
Remarks:
1. Emission Level= Antenna Factor + Cable Loss -Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 10m Chamber Data no. : 74
Dis. / Ant. : 3m 3115(0911) Ant. pol. : HORIZONTAL
Limit : FCC PART 15C AV
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : PW-RN501D

	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	29.44	7.39	36.62	39.79	40.00	54.00	14.00	Average
2	2400.000	29.44	7.43	36.62	40.81	41.06	54.00	12.94	Average
3	2410.560	29.45	7.43	36.62	83.43	83.69	54.00	-29.69	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. : 10m Chamber Data no. : 75
Dis. / Ant. : 3m 3115(0911) Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 23*C/54% Engineer : Sunny-lu
EUT : 300Mbps Wireless N Router
Power : DC 9V From Adapter Input AC 120V/60Hz
Test mode : IEEE802.11b CH1 2412MHz Tx
M/N : PW-RN501D

	Freq. (MHz)	Ant. Factor (dB/m)	Cable loss (dB)	Amp. Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2334.000	29.40	7.27	36.63	53.21	53.25	74.00	20.75	Peak
2	2373.000	29.43	7.35	36.62	53.53	53.69	74.00	20.31	Peak
3	2390.000	29.44	7.39	36.62	50.46	50.67	74.00	23.33	Peak
4	2398.440	29.44	7.39	36.62	61.51	61.72	74.00	12.28	Peak
5	2400.000	29.44	7.43	36.62	58.84	59.09	74.00	14.91	Peak
6	2410.440	29.45	7.43	36.62	111.36	111.62	74.00	-37.62	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.