



# Appendix for Test report



## Appendix A: DTS (6 dB) Bandwidth

In this document, the "DTS6dBBW" refers to the measured "DTS (6 dB) Bandwidth" value. In this Appendix, the "fc(DTS6dBBW)" refers to the centre of the measured "DTS6dBBW". The introduction of the "fc(DTS6dBBW)" is due to that other measurements use it as the spectrum analyzer setting.

For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain, and used as respective results for each chain.

### Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11B	L	2412	Ant 1	8.5	pass
11B	L	2412	Ant 2	8.24	pass
11B	M	2437	Ant 1	8.19	pass
11B	M	2437	Ant 2	8.29	pass
11B	H	2462	Ant 1	8.45	pass
11B	H	2462	Ant 2	8.5	pass
11G	L	2412	Ant 1	16.41	pass
11G	L	2412	Ant 2	16.09	pass
11G	M	2437	Ant 1	16.38	pass
11G	M	2437	Ant 2	16.41	pass
11G	H	2462	Ant 1	16.45	pass
11G	H	2462	Ant 2	16.37	pass
11N20	L	2412	Ant 1	17.01	pass
11N20	L	2412	Ant 2	17.27	pass
11N20	M	2437	Ant 1	17.6	pass
11N20	M	2437	Ant 2	15.78	pass
11N20	H	2462	Ant 1	17.27	pass
11N20	H	2462	Ant 2	16.97	pass
11N20m	L	2412	Ant 1	16.64	pass
11N20m	L	2412	Ant 2	16.98	pass
11N20m	M	2437	Ant 1	17.21	pass
11N20m	M	2437	Ant 2	16.66	pass
11N20m	H	2462	Ant 1	16.65	pass
11N20m	H	2462	Ant 2	16.7	pass
11N40	L	2422	Ant 1	36.49	pass
11N40	L	2422	Ant 2	36.47	pass
11N40	M	2437	Ant 1	36.47	pass



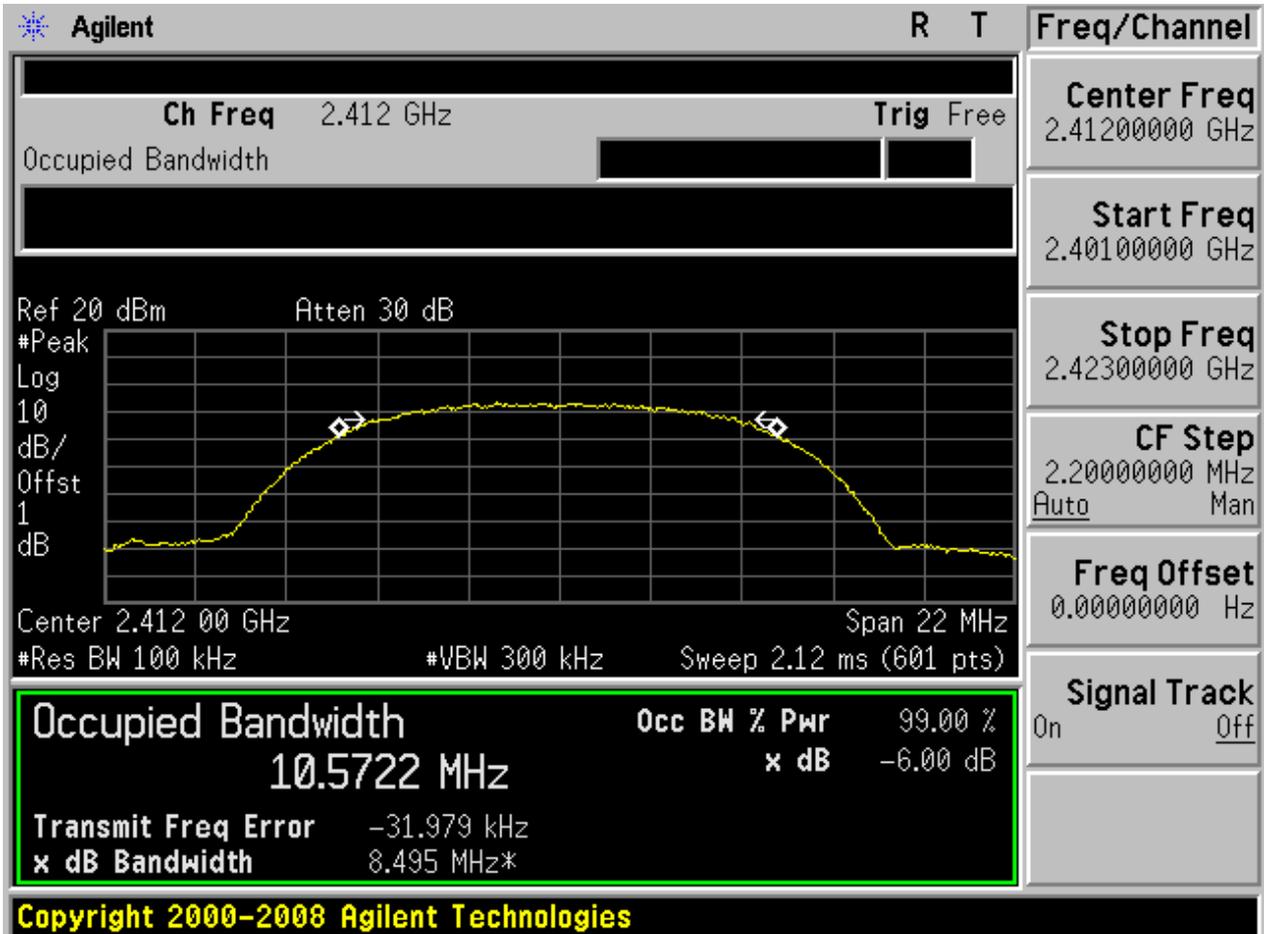
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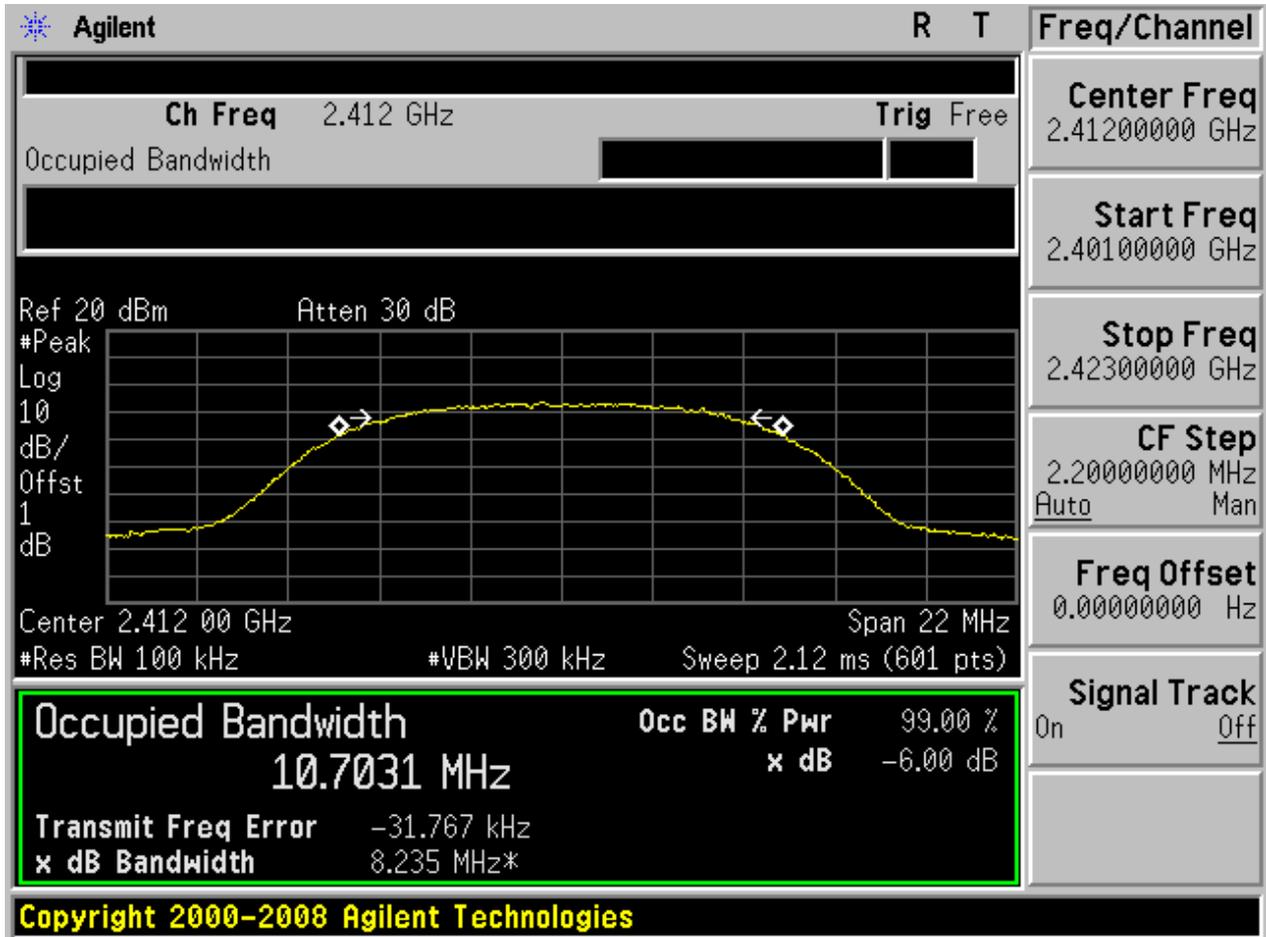
11N40	M	2437	Ant 2	36.43	pass
11N40	H	2452	Ant 1	36.47	pass
11N40	H	2452	Ant 2	36.51	pass
11N40m	L	2422	Ant 1	36.44	pass
11N40m	L	2422	Ant 2	36.47	pass
11N40m	M	2437	Ant 1	36.44	pass
11N40m	M	2437	Ant 2	36.42	pass
11N40m	H	2452	Ant 1	36.45	pass
11N40m	H	2452	Ant 2	36.51	pass

## Part II - Test Plots

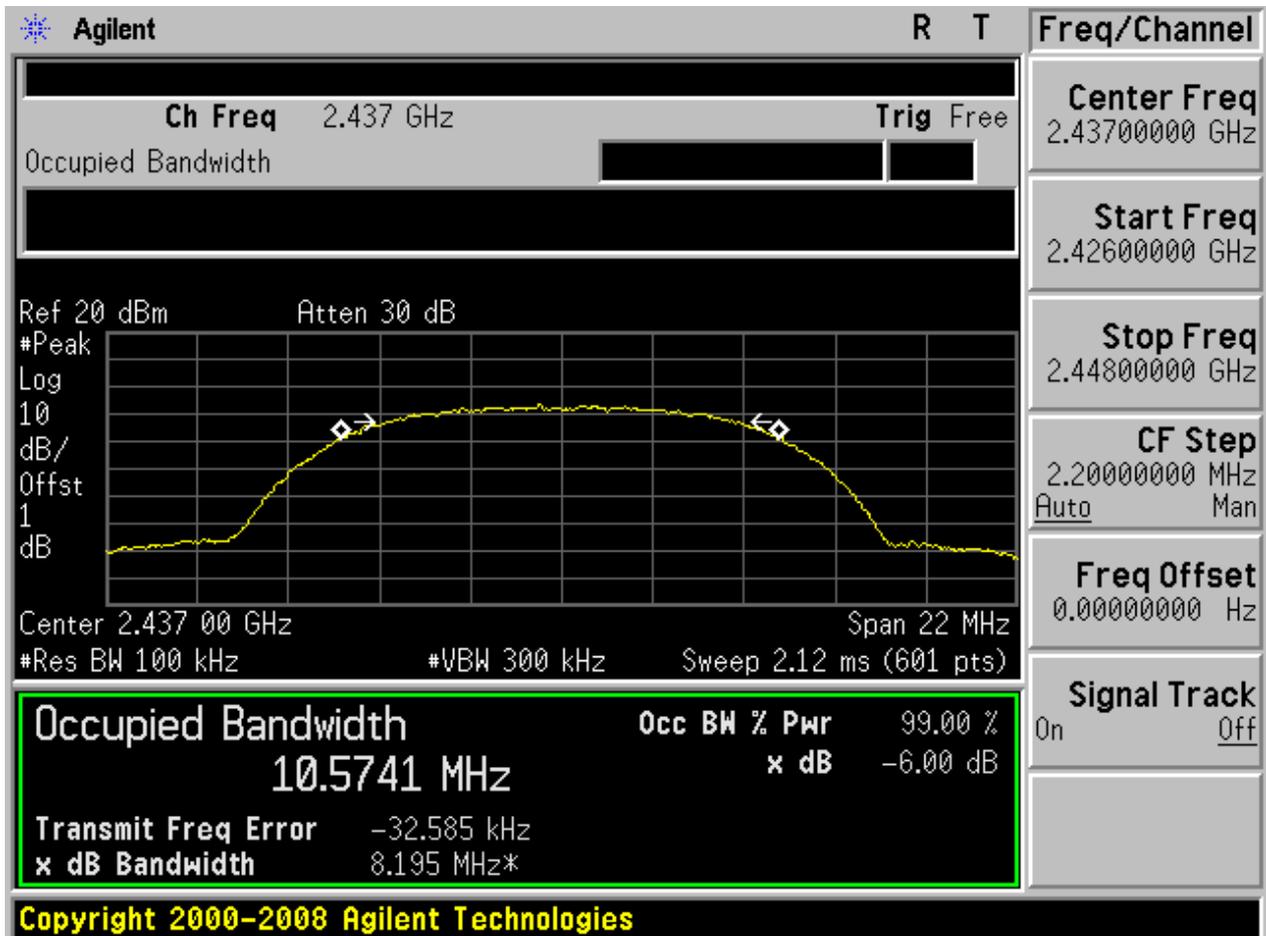
### 2.1 11B\_L@Ant 1



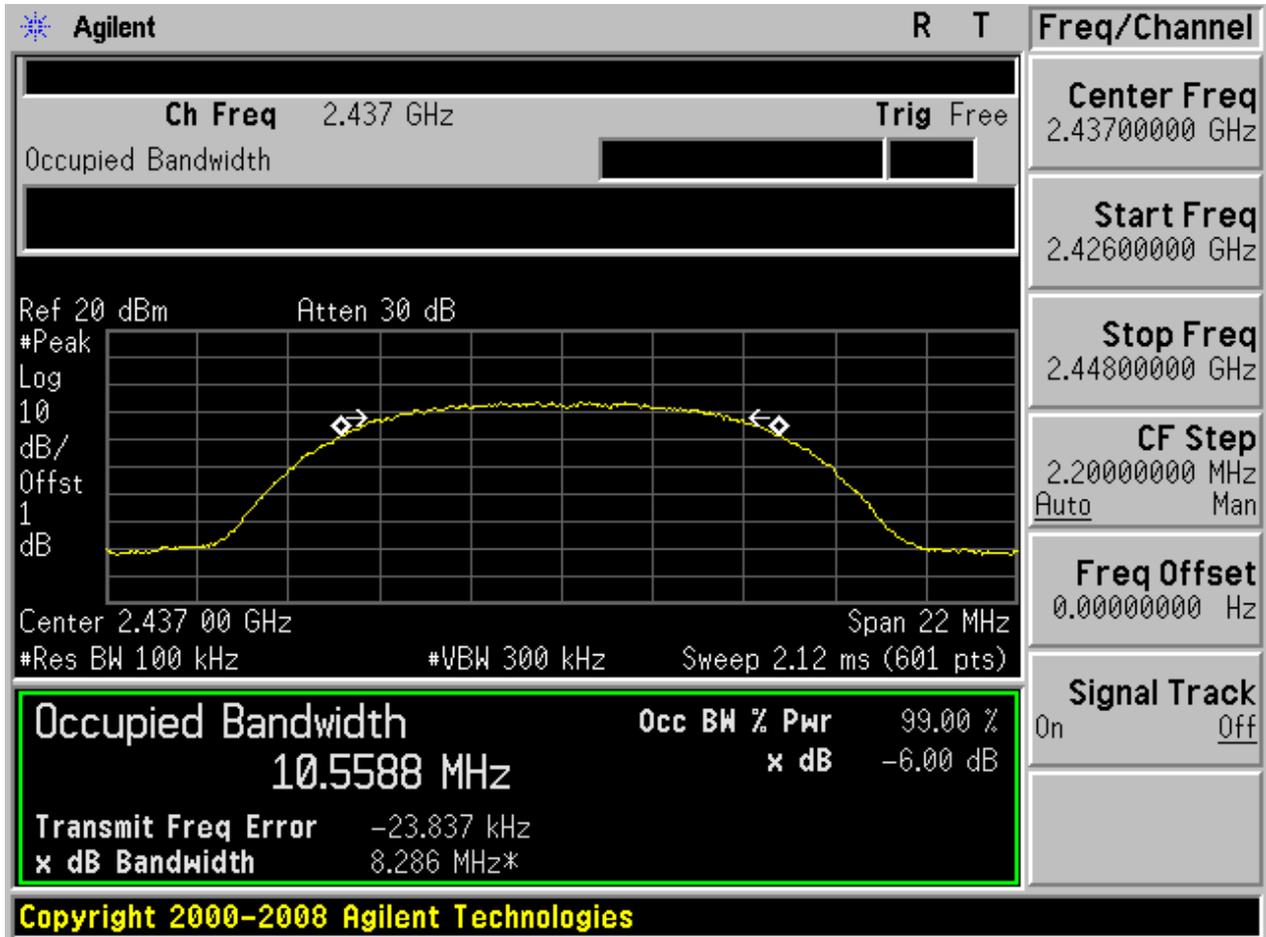
## 2.2 11B\_L@Ant 2



## 2.3 11B\_M@Ant 1

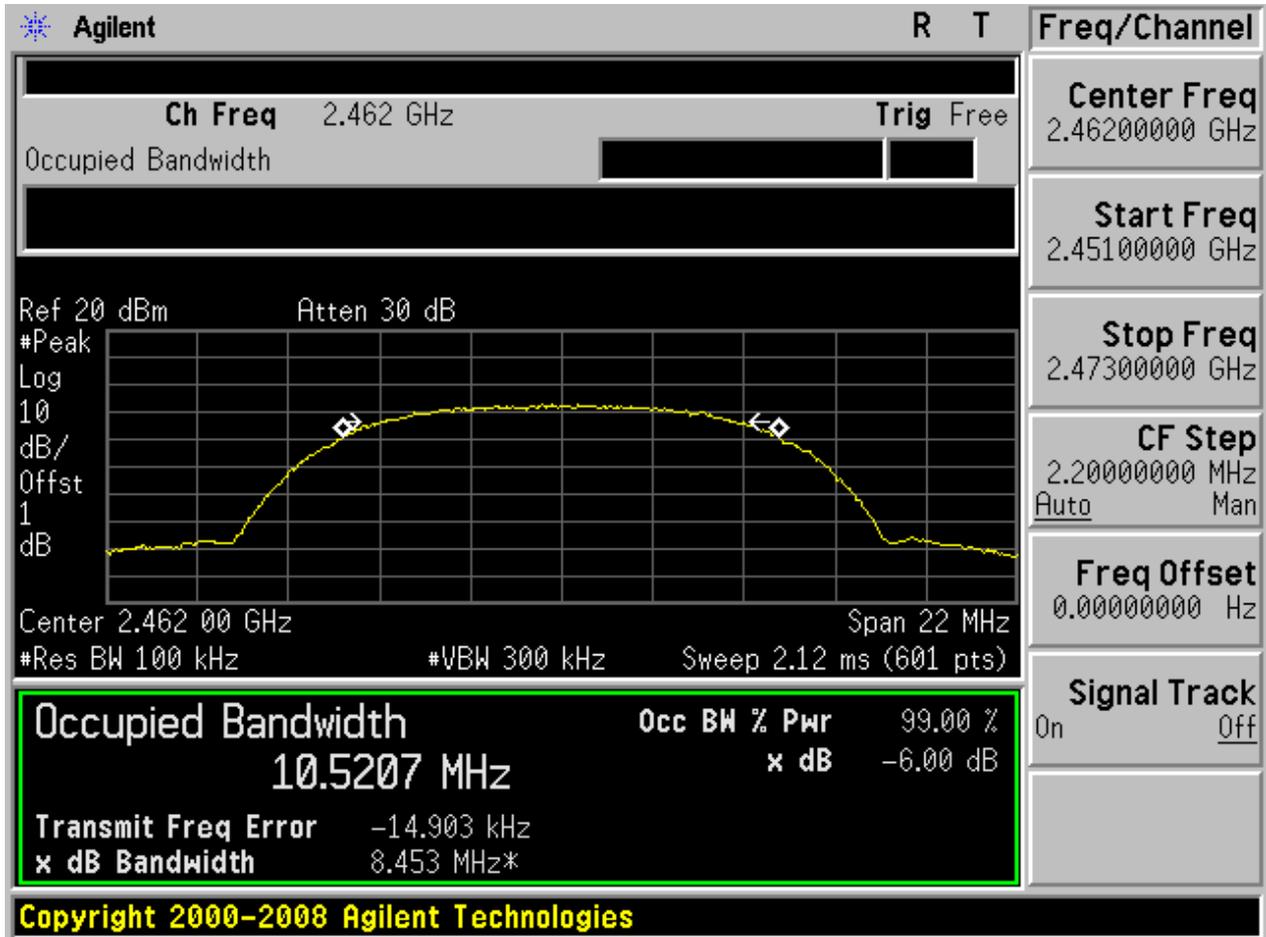


## 2.4 11B\_M@Ant 2

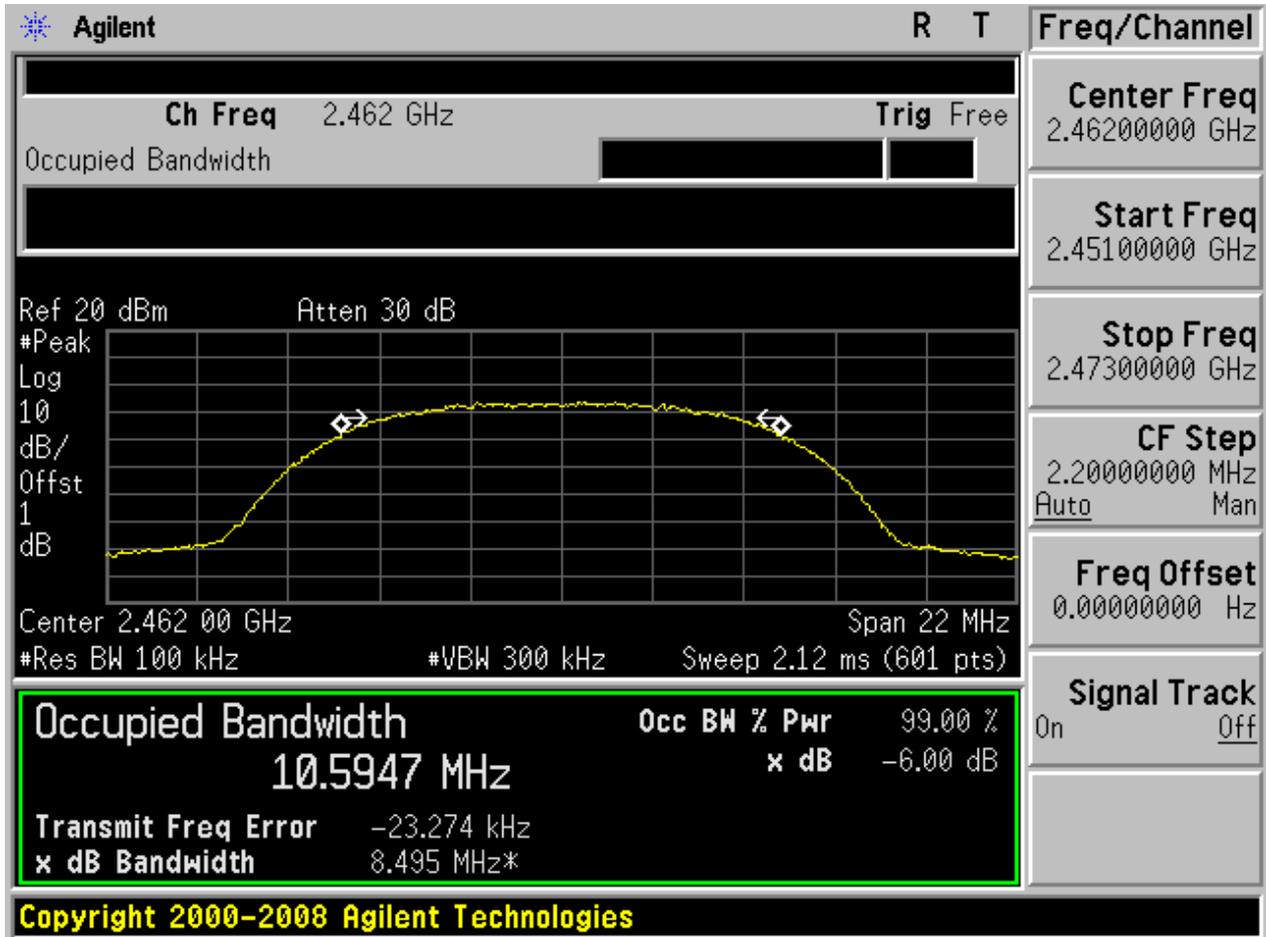




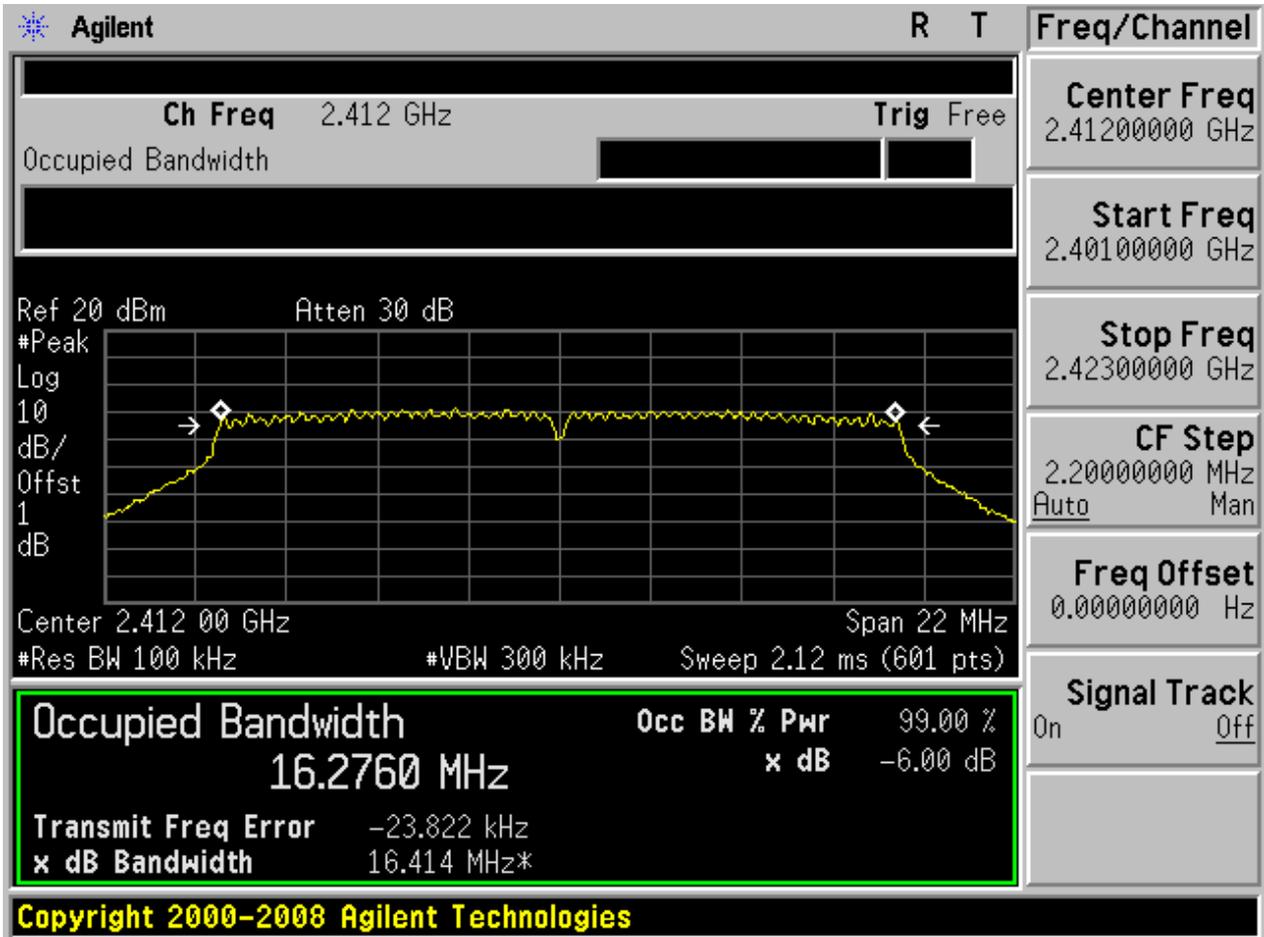
### 2.5 11B\_H@Ant 1



## 2.6 11B\_H@Ant 2

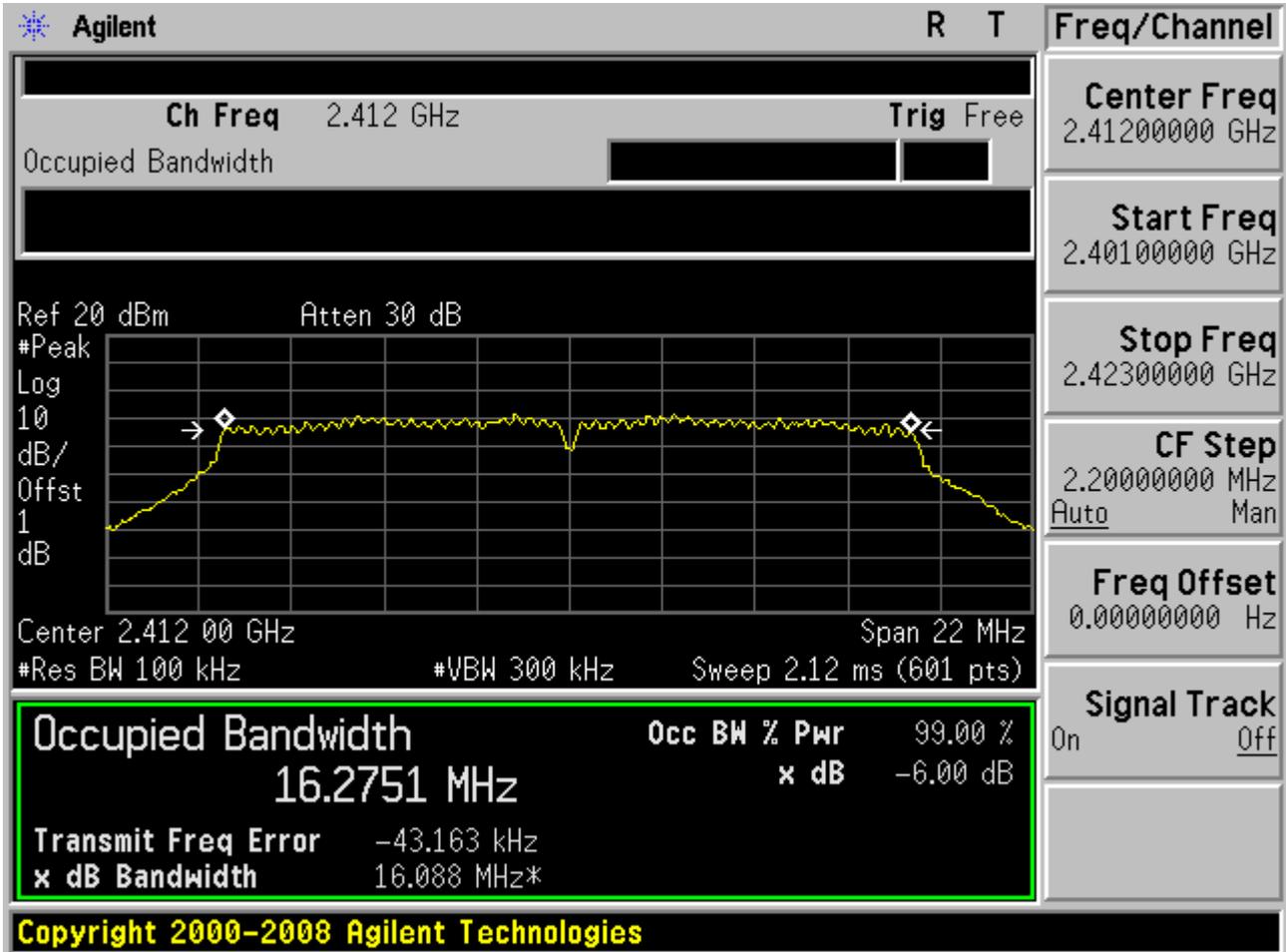


2.7 11G\_L@Ant 1

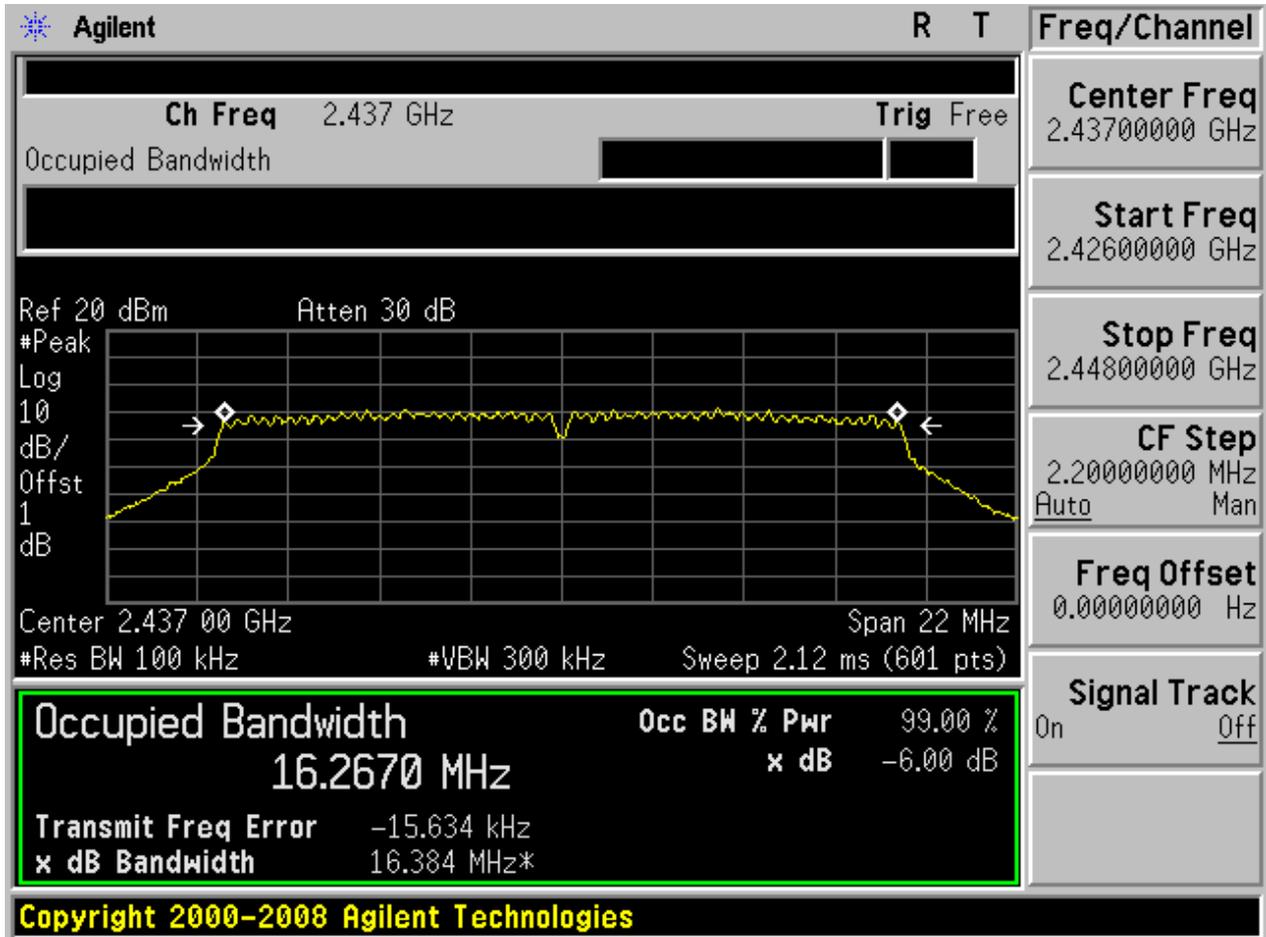




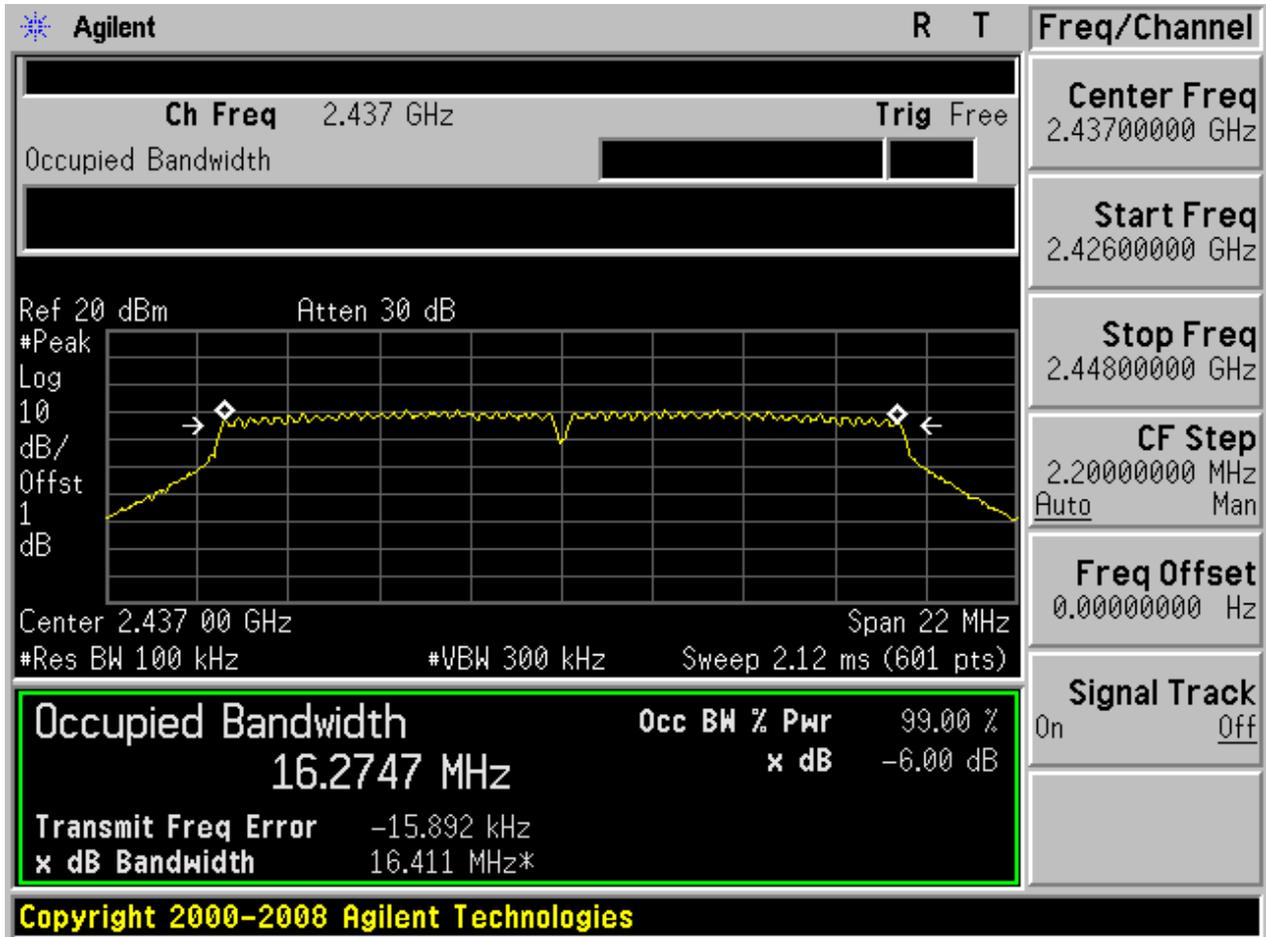
### 2.8 11G\_L@Ant 2



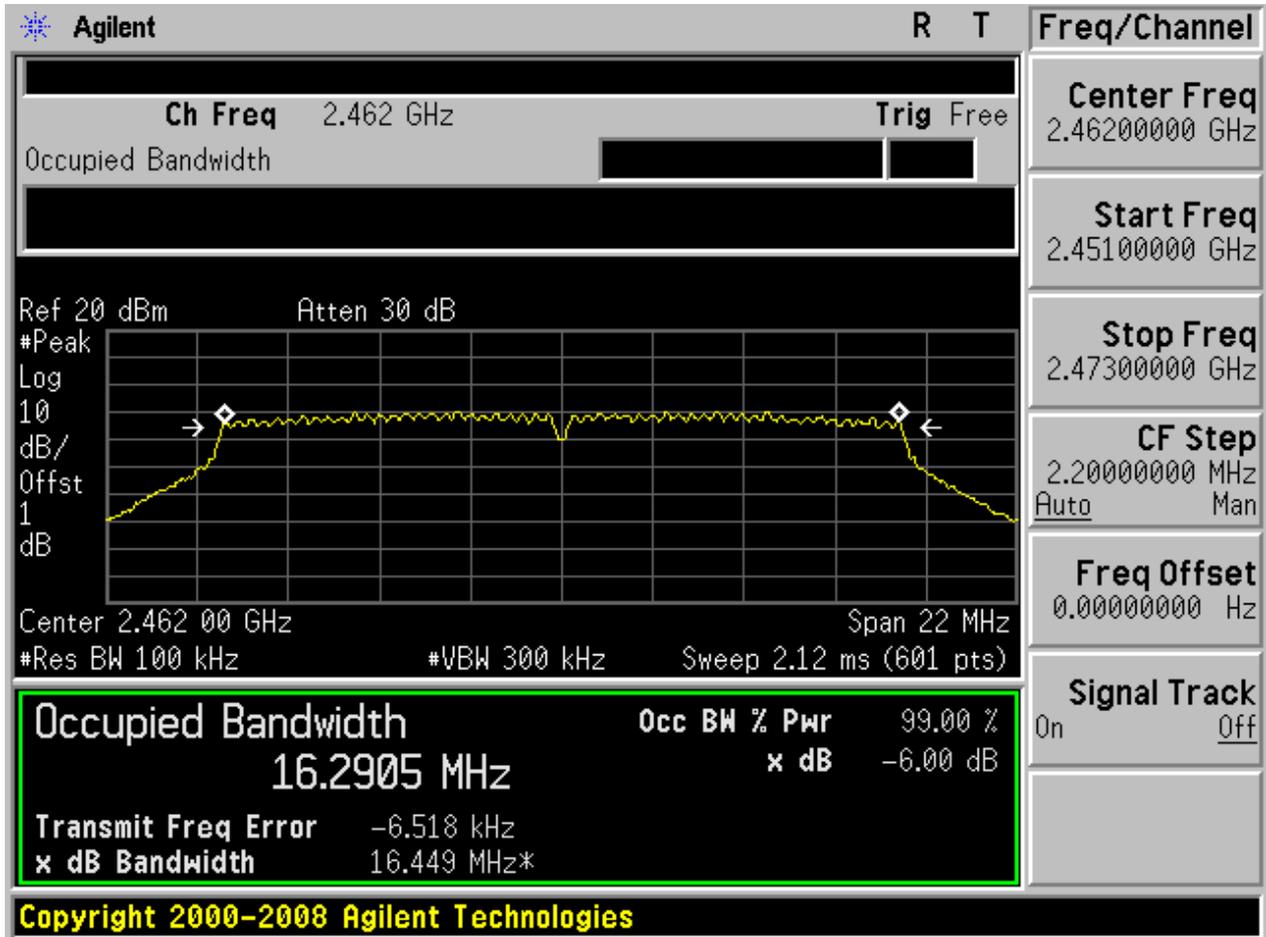
## 2.9 11G\_M@Ant 1



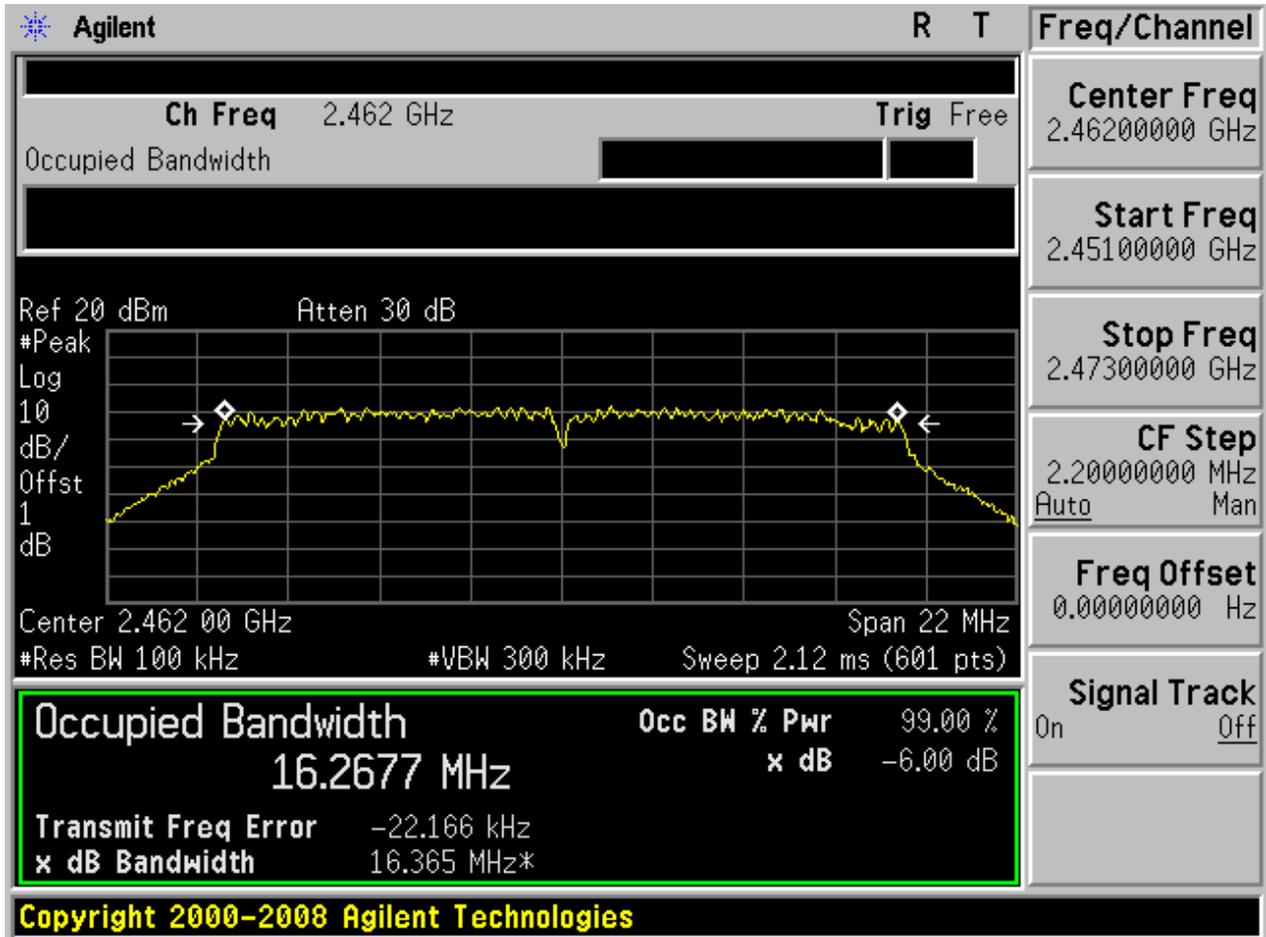
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2.11 11G\_H@Ant 1

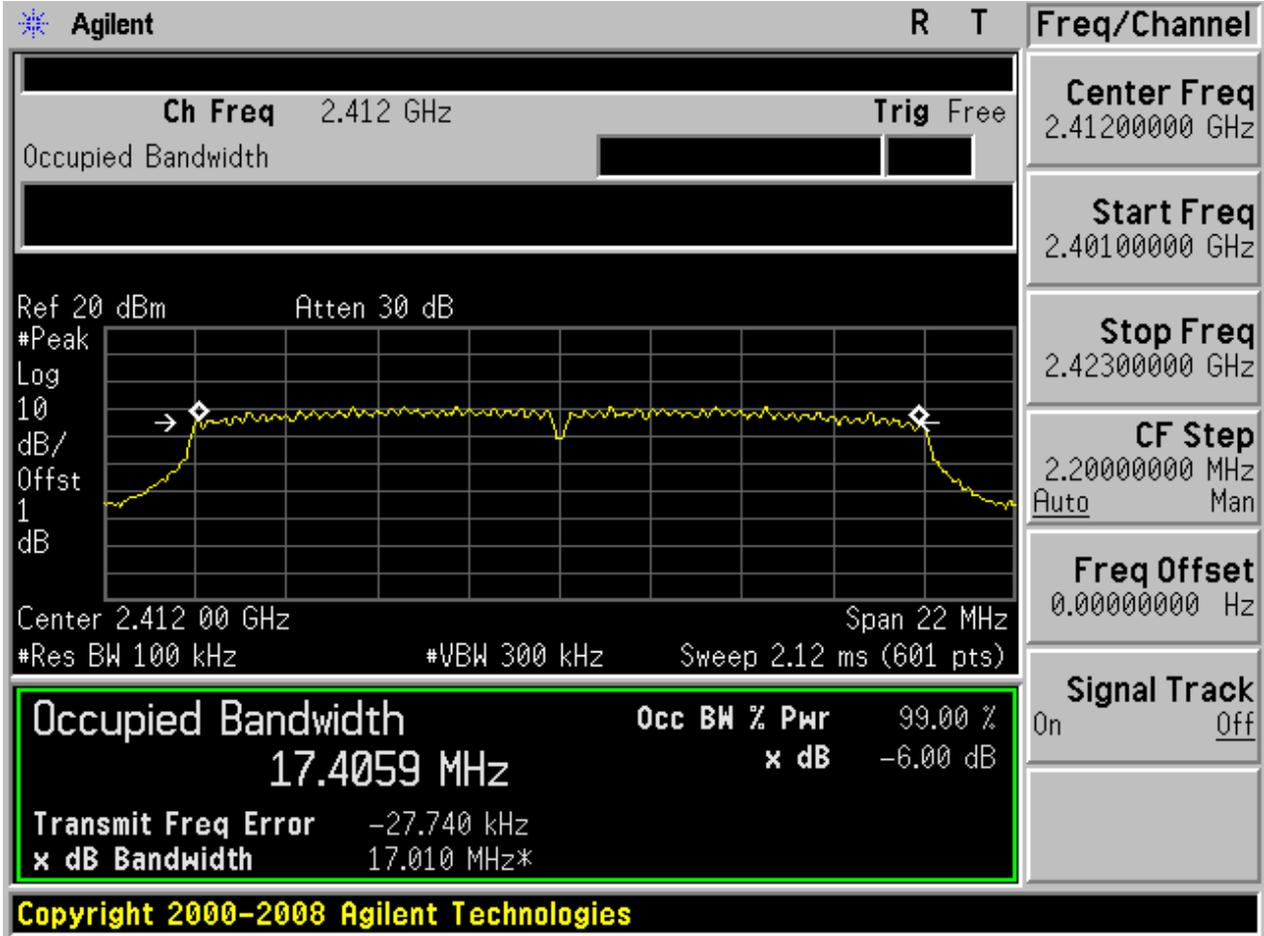


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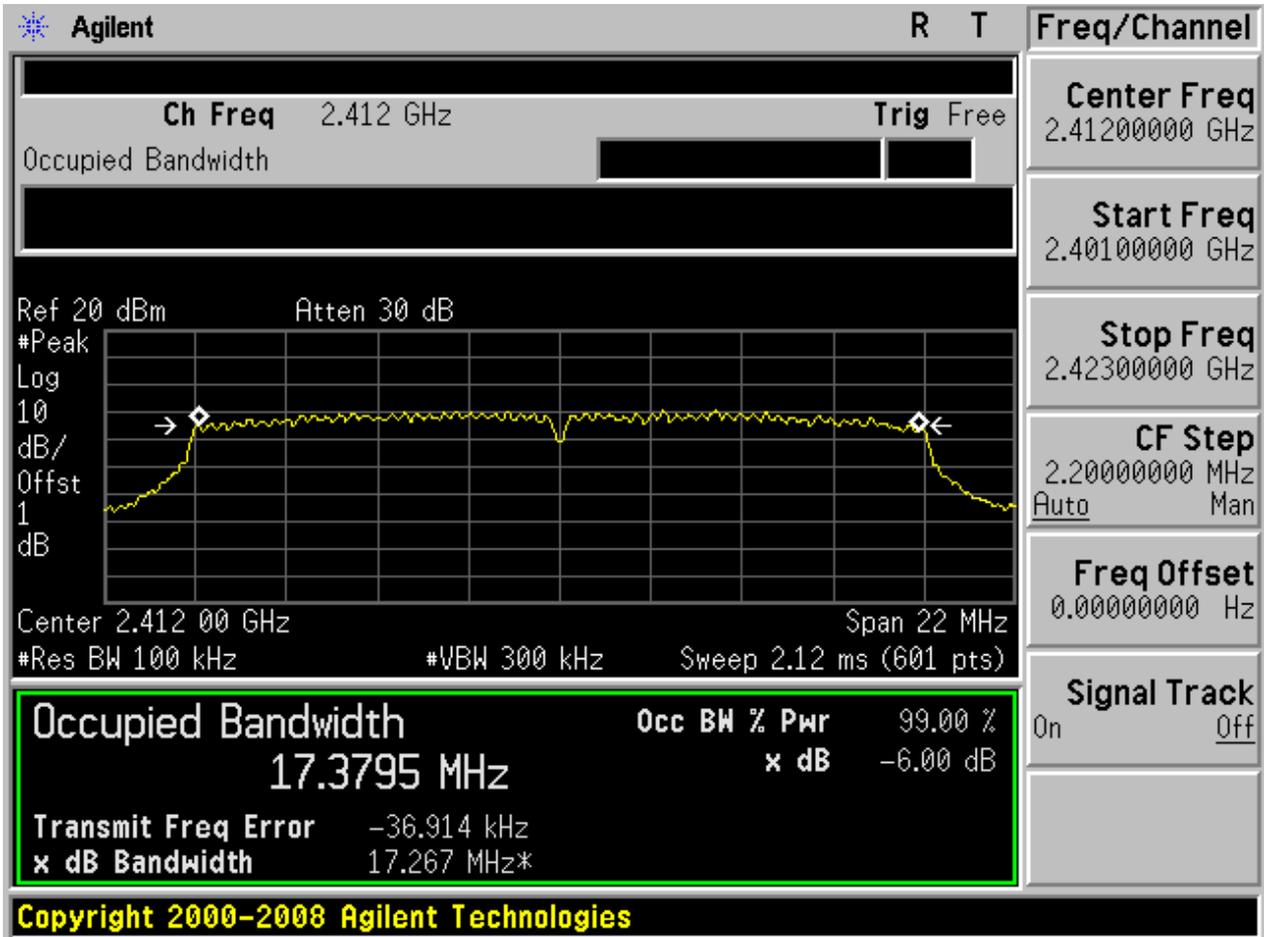


### 2.13 11N20\_L@Ant 1

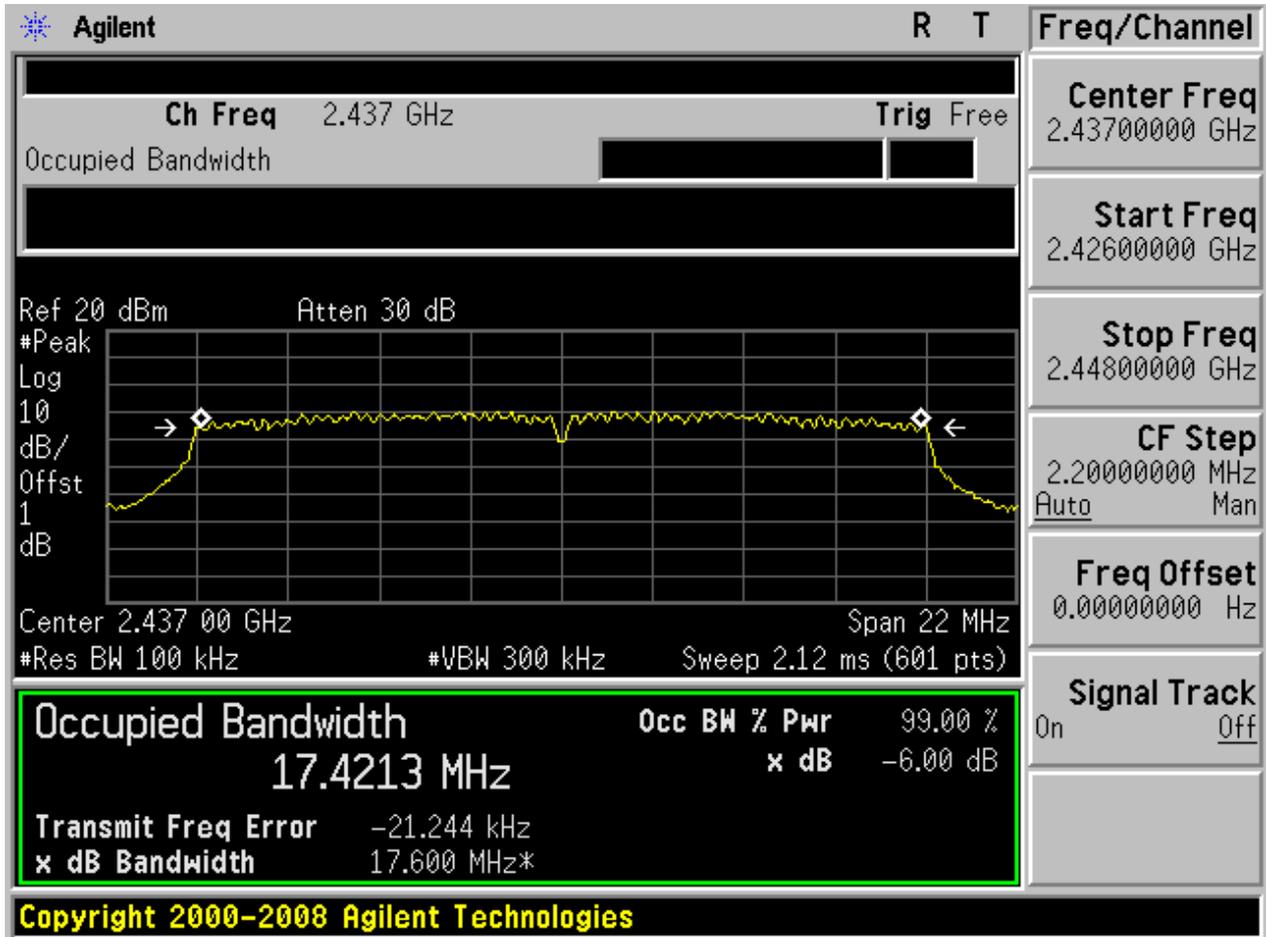




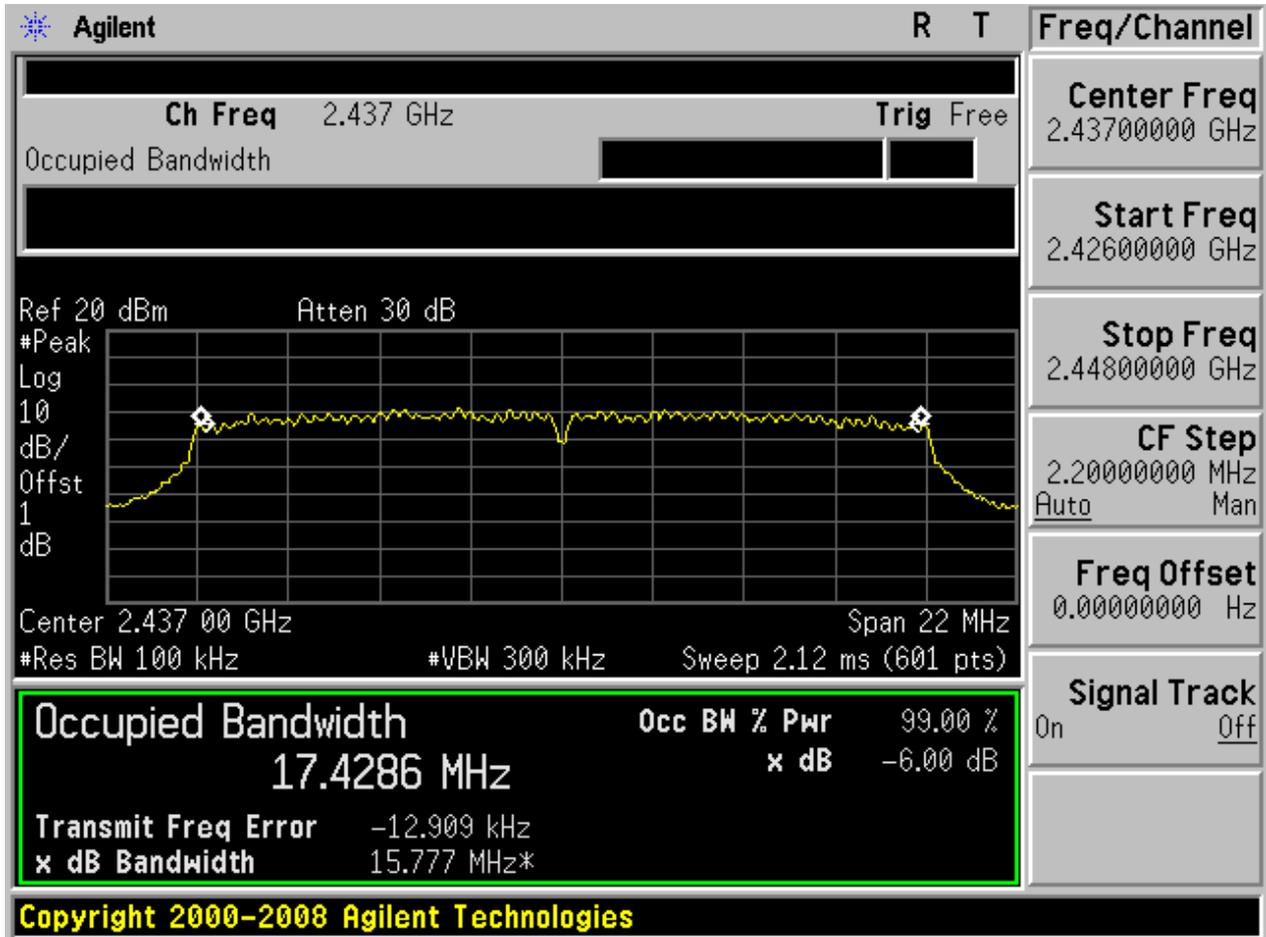
### 2.14 11N20\_L@Ant 2



## 2.15 11N20\_M@Ant 1

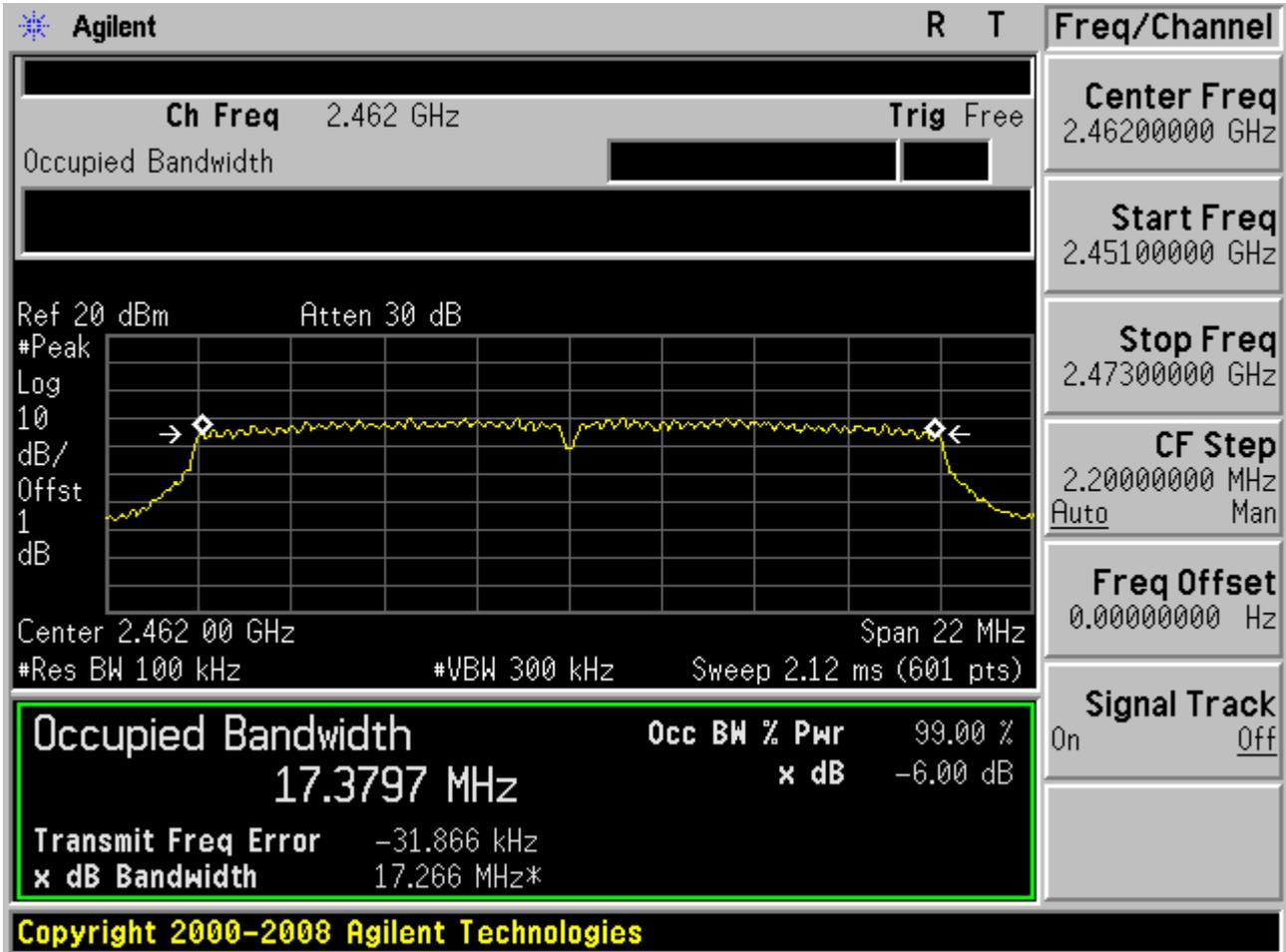


## 2.16 11N20\_M@Ant 2



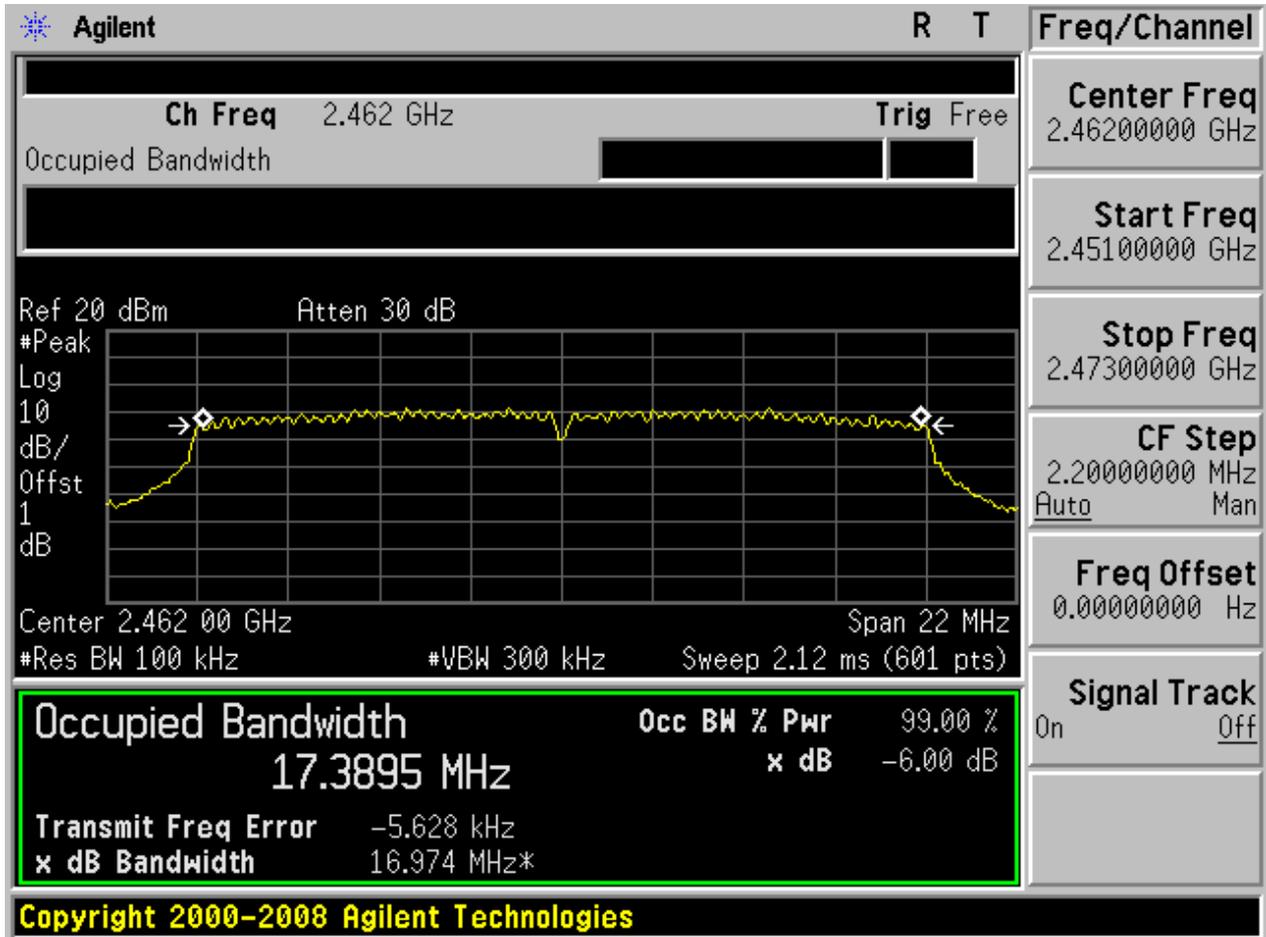


### 2.17 11N20\_H@Ant 1



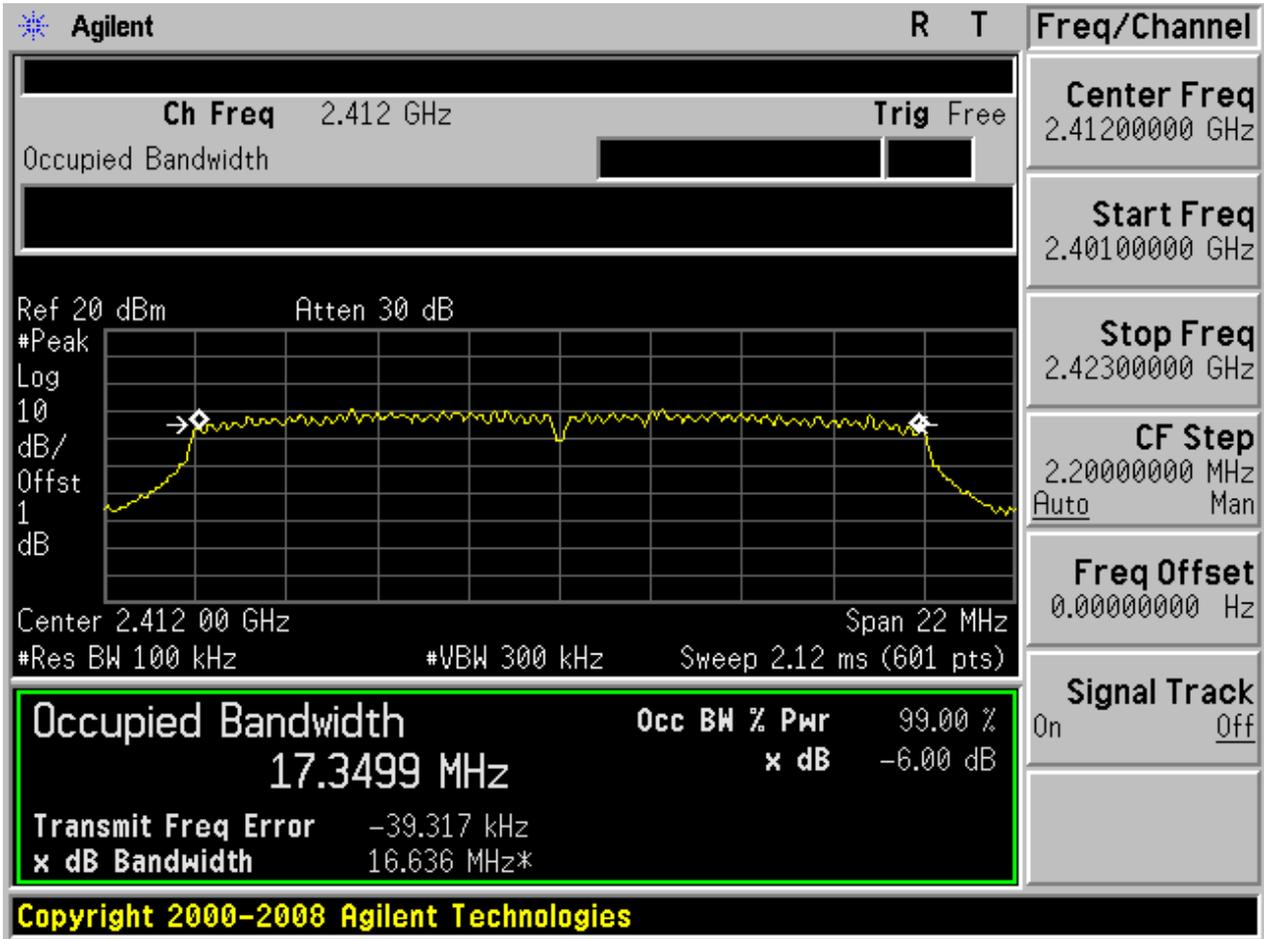


### 2.18 11N20\_H@Ant 2

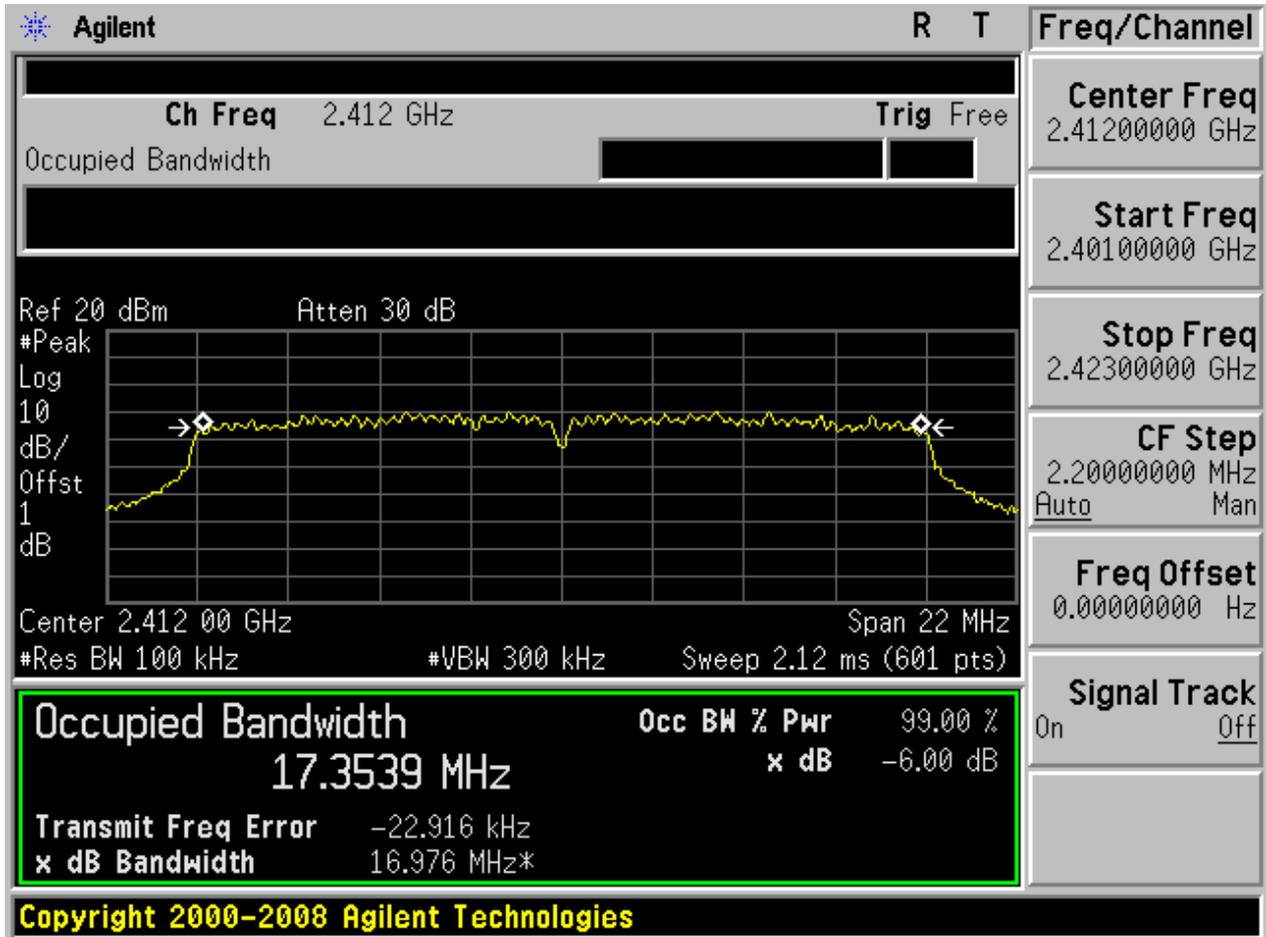




### 2.19 11N20m\_L@Ant 1

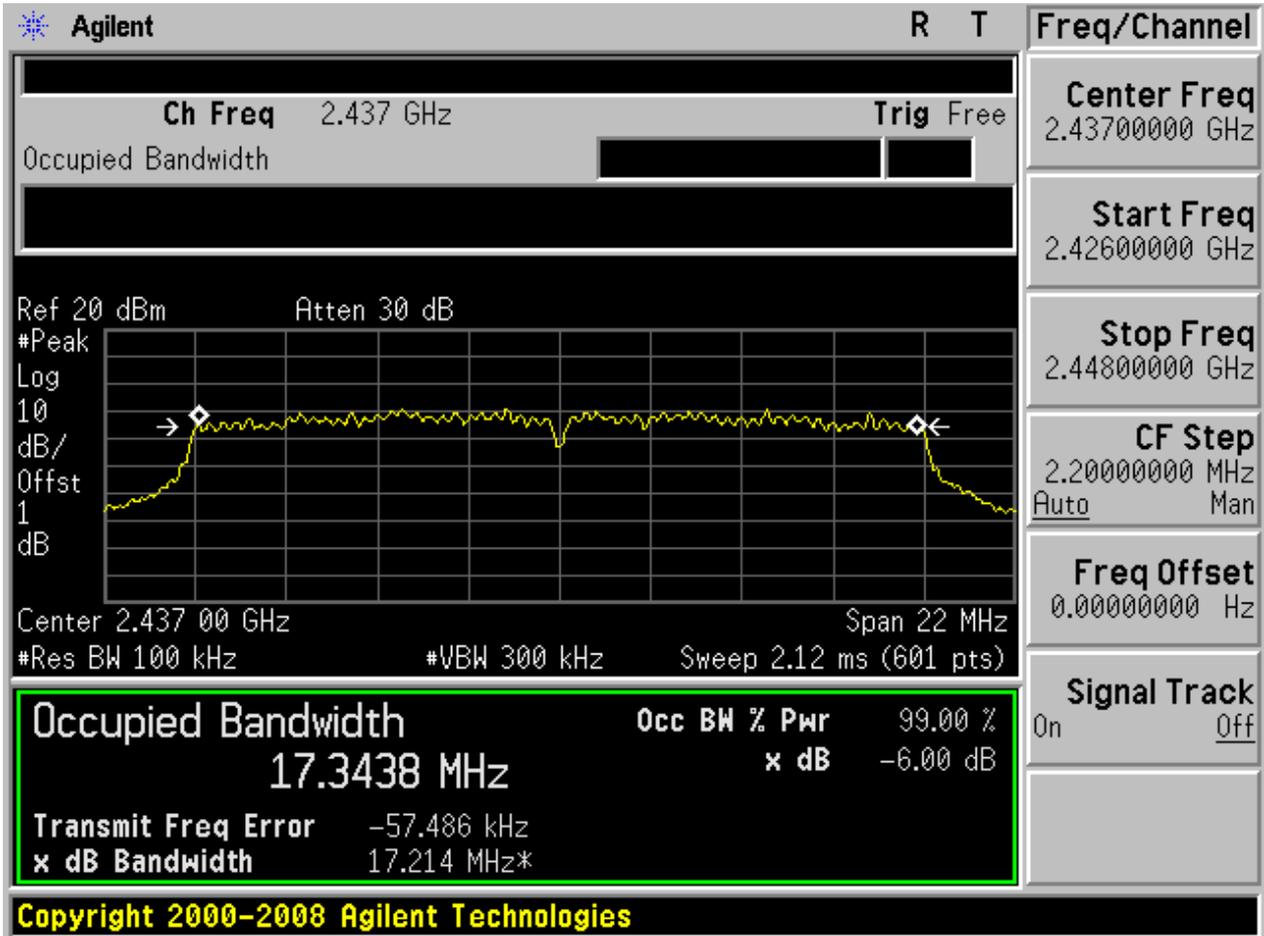


## 2.20 11N20m\_L@Ant 2

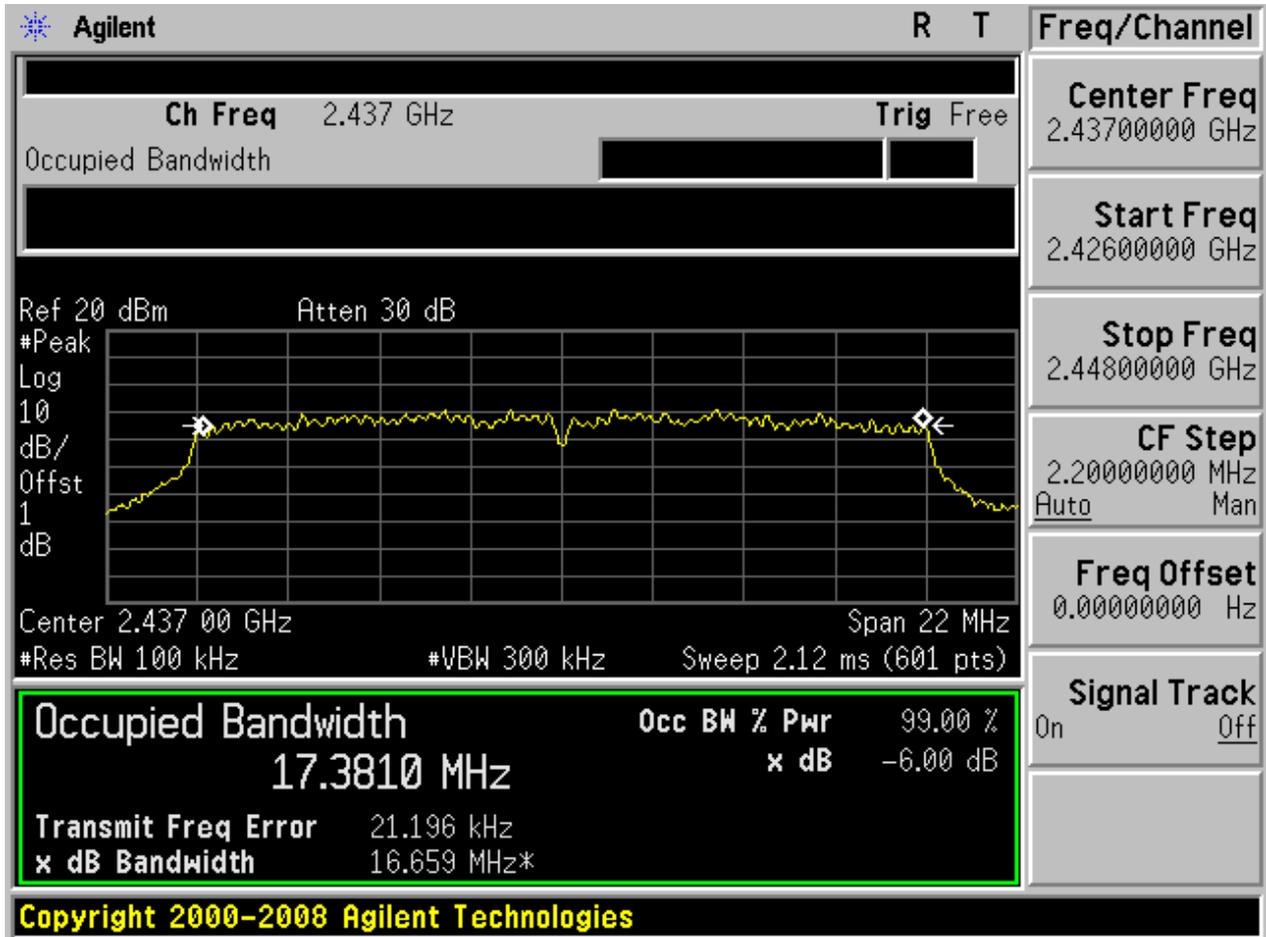




### 2.21 11N20m\_M@Ant 1

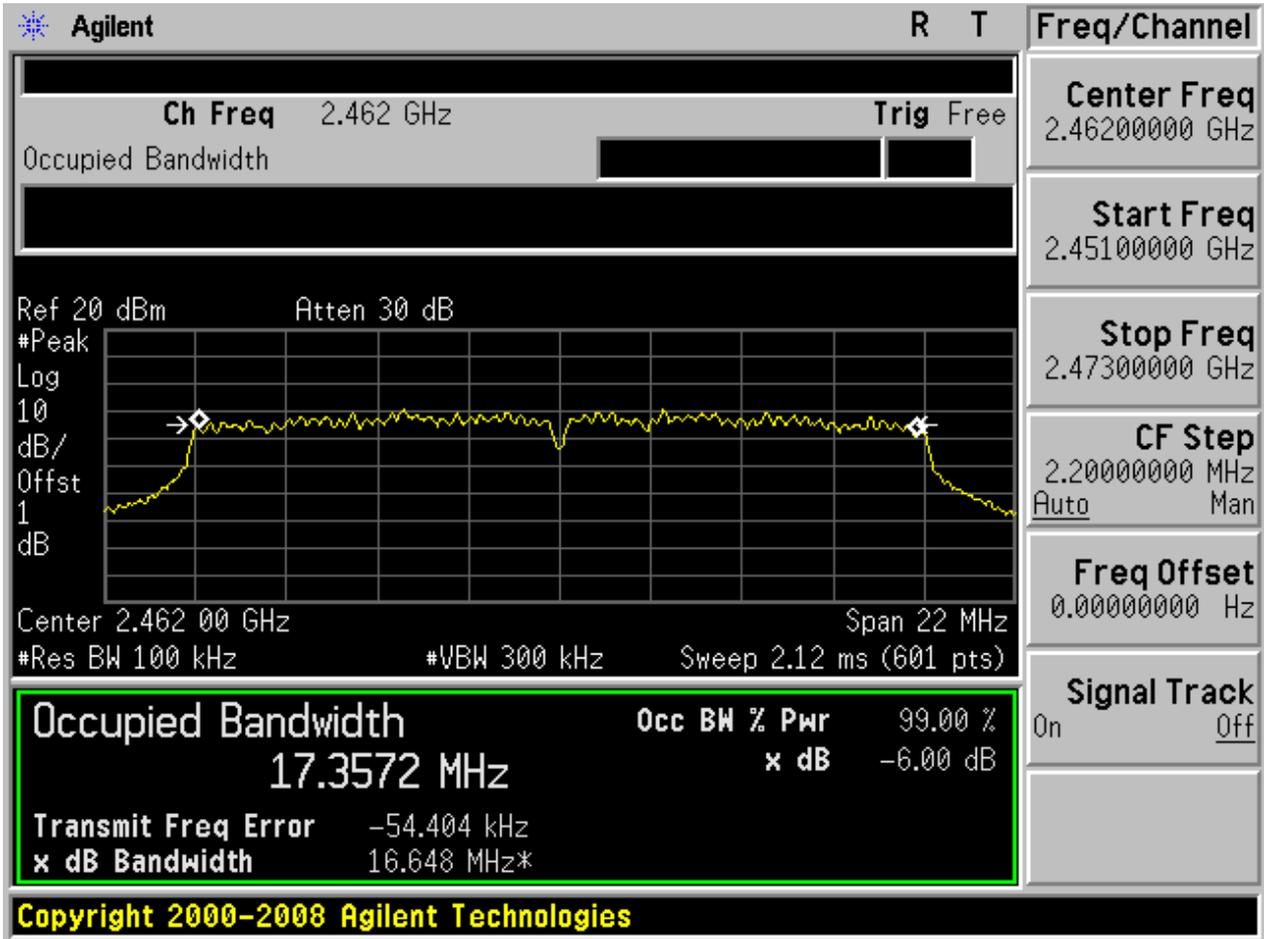


## 2.22 11N20m\_M@Ant 2

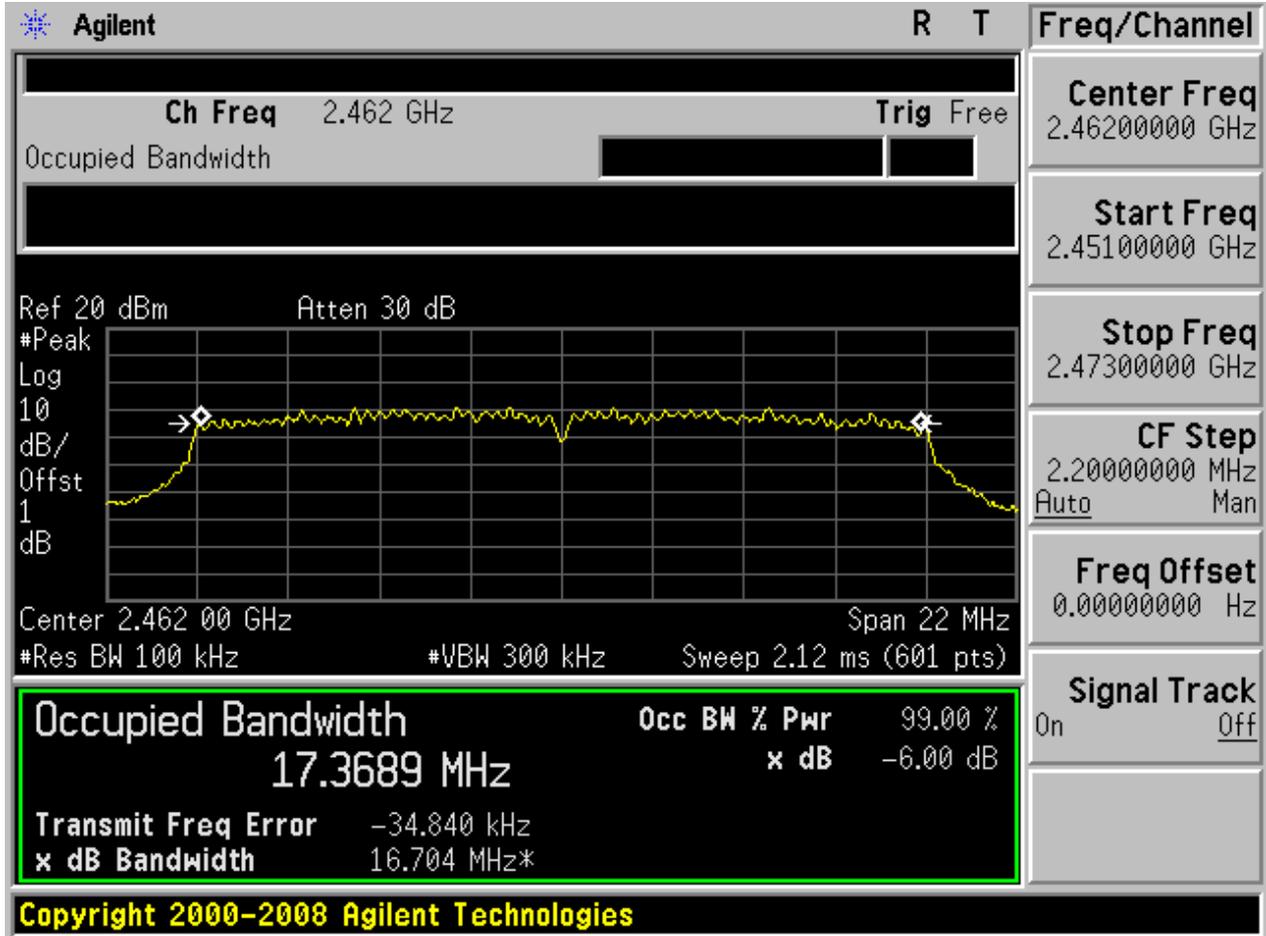




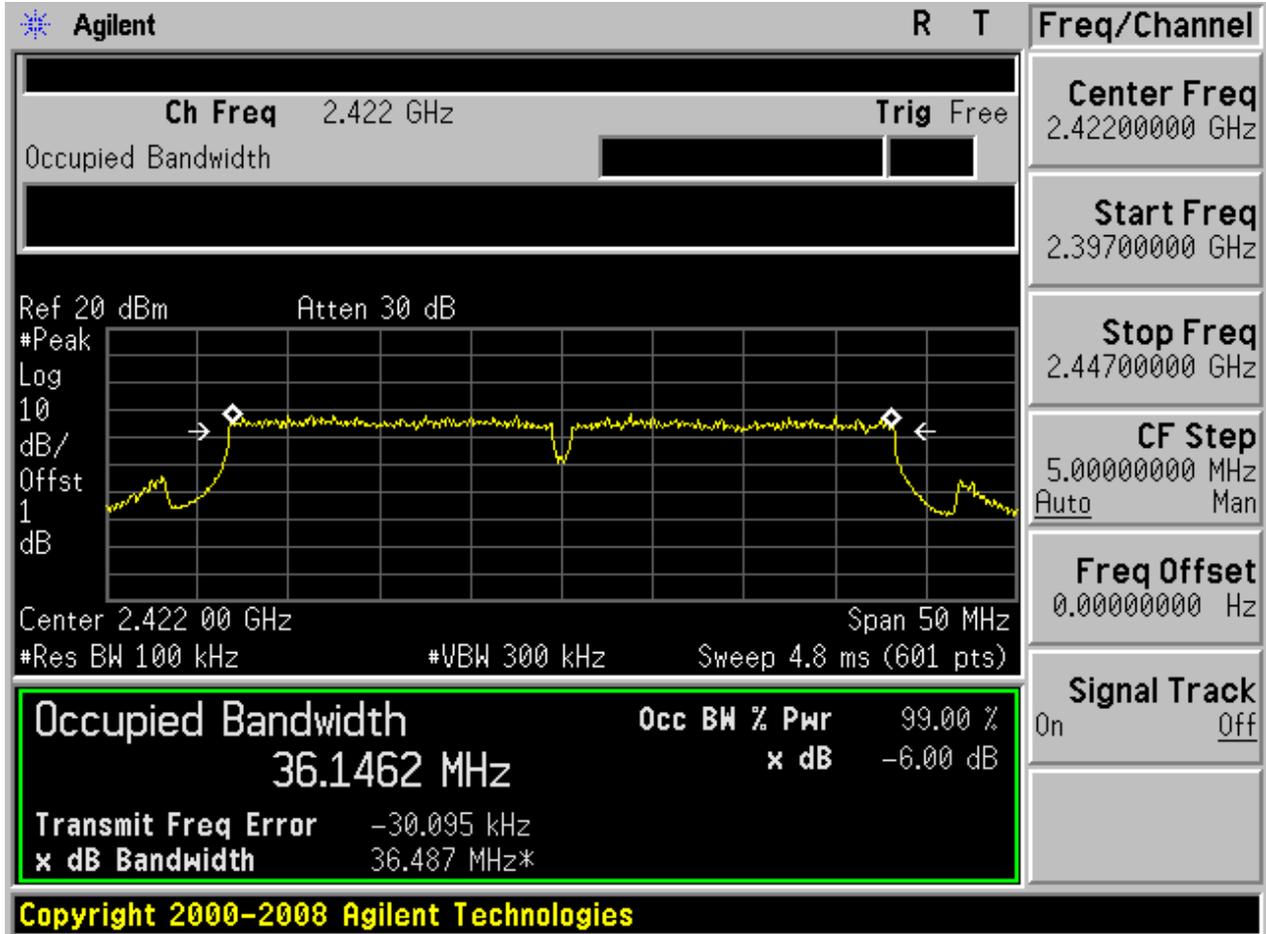
### 2.23 11N20m\_H@Ant 1



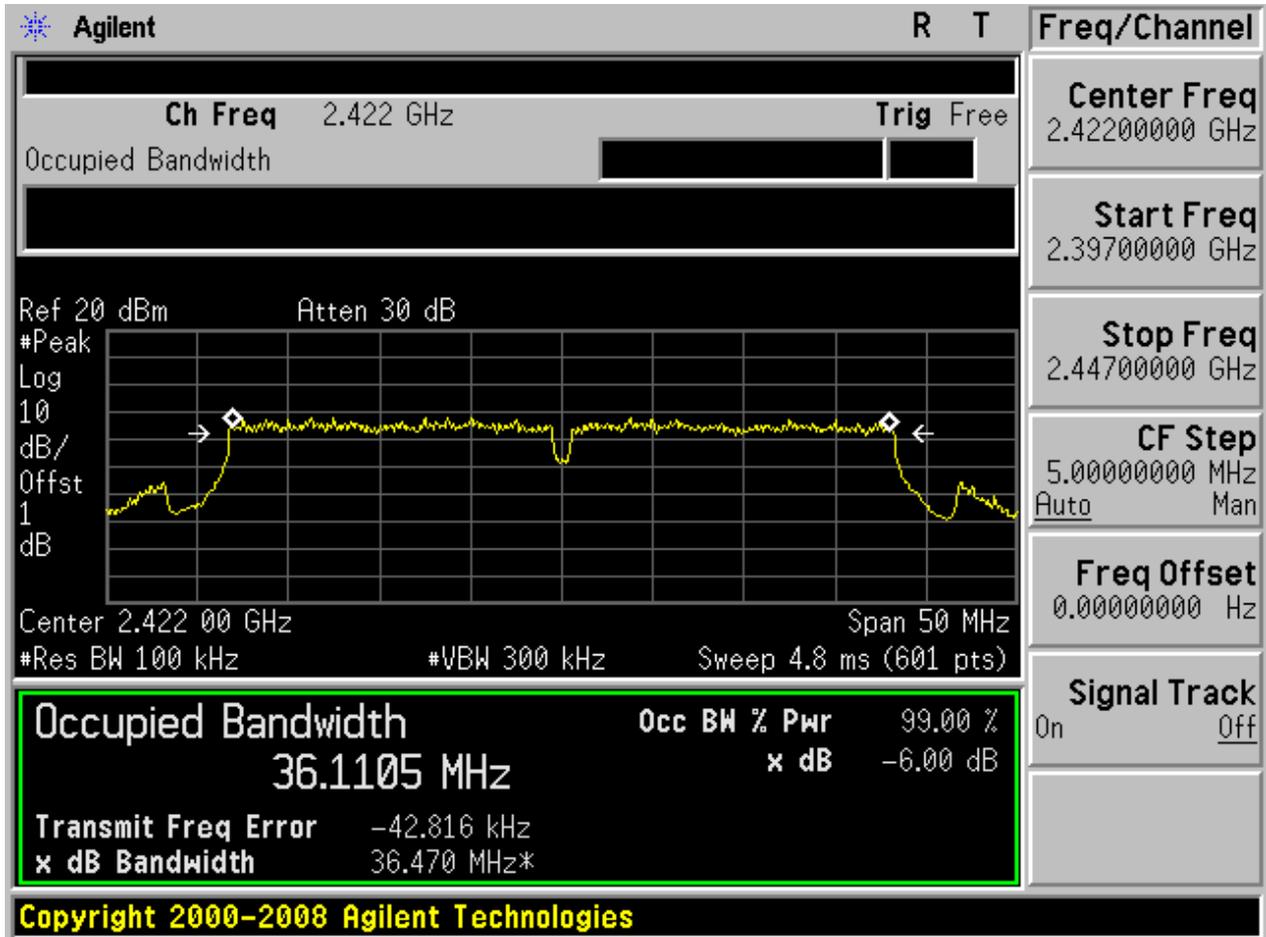
2.24 11N20m\_H@Ant 2



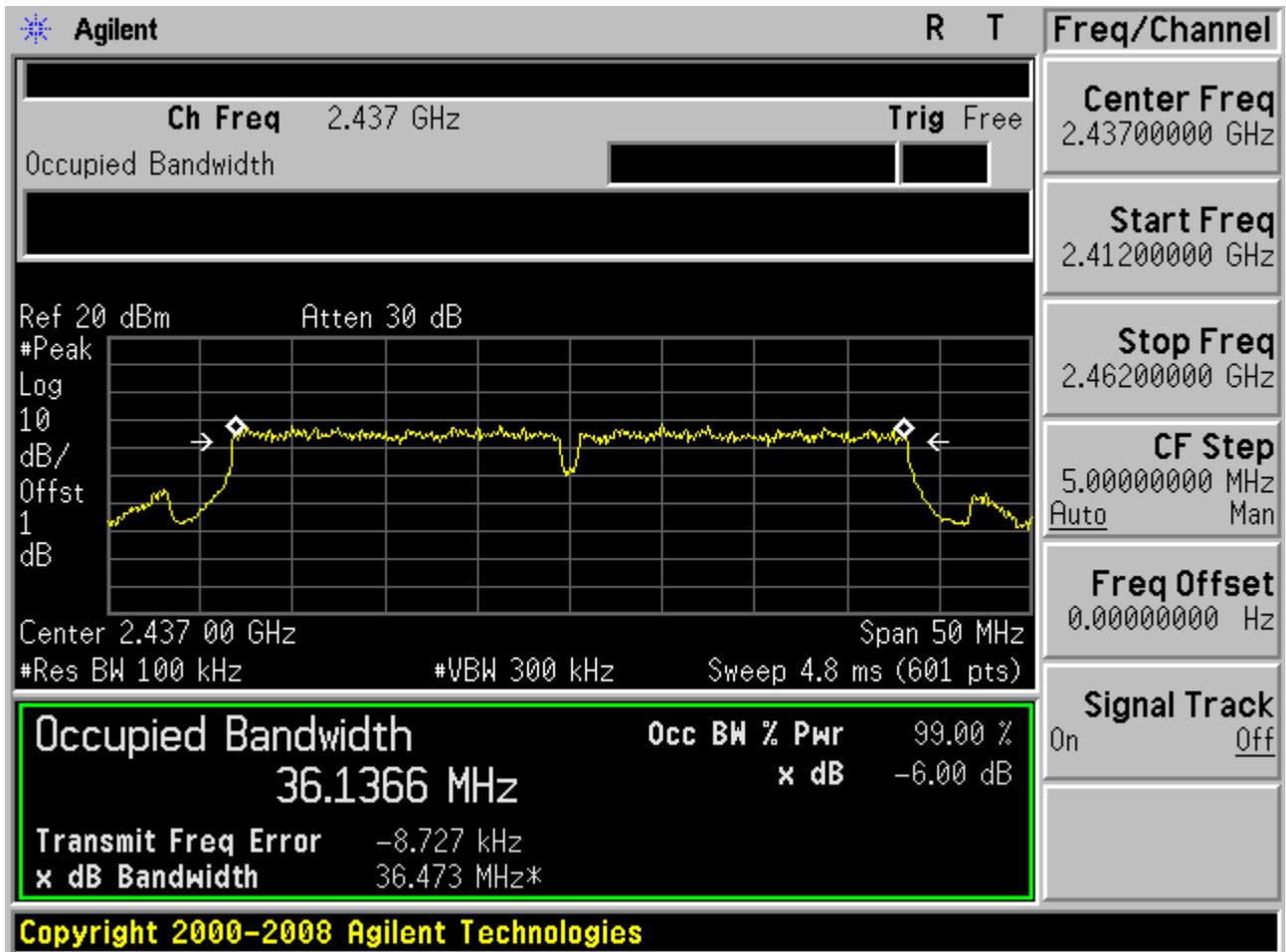
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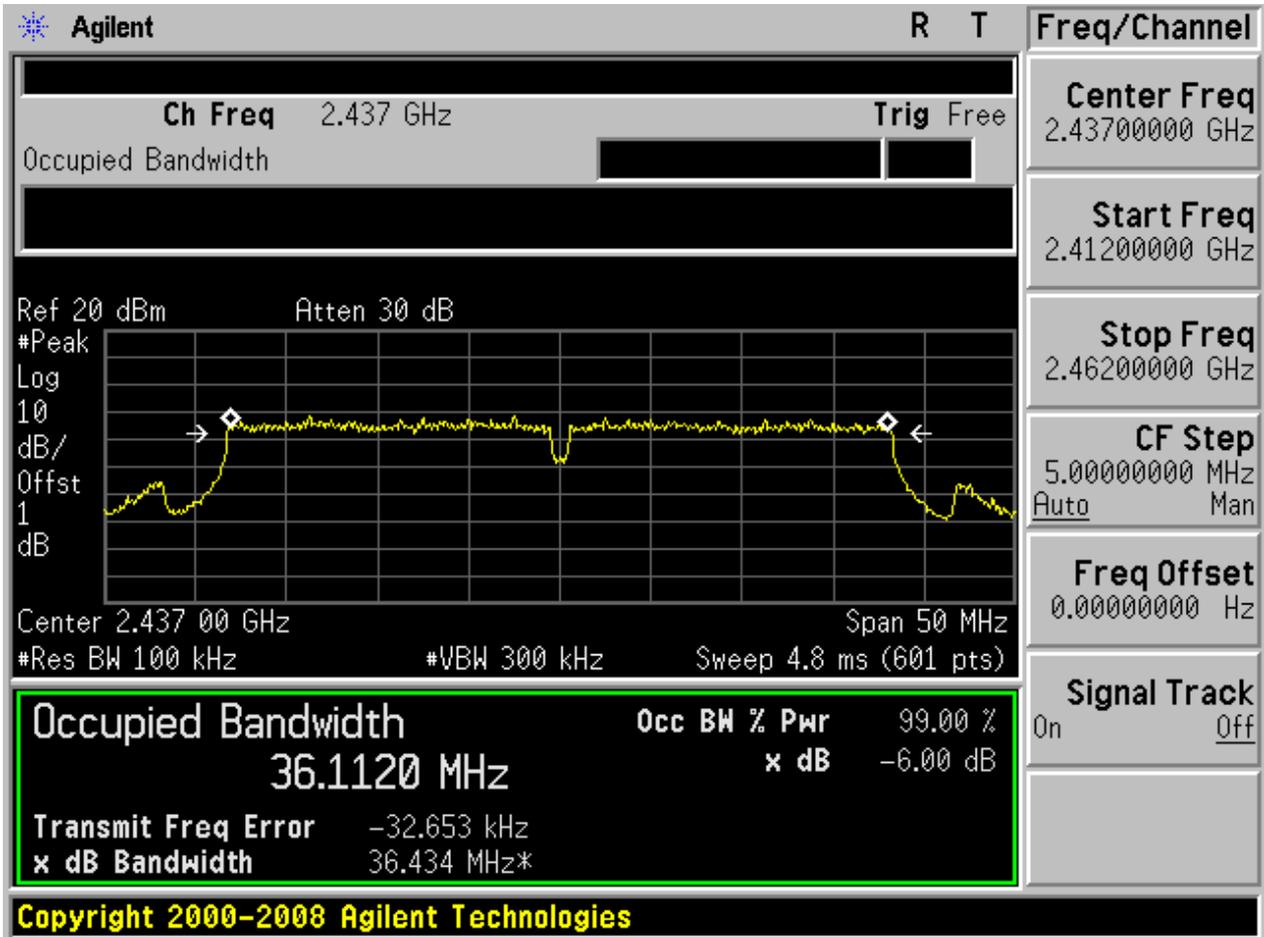
2.26 11N40\_L@Ant 2



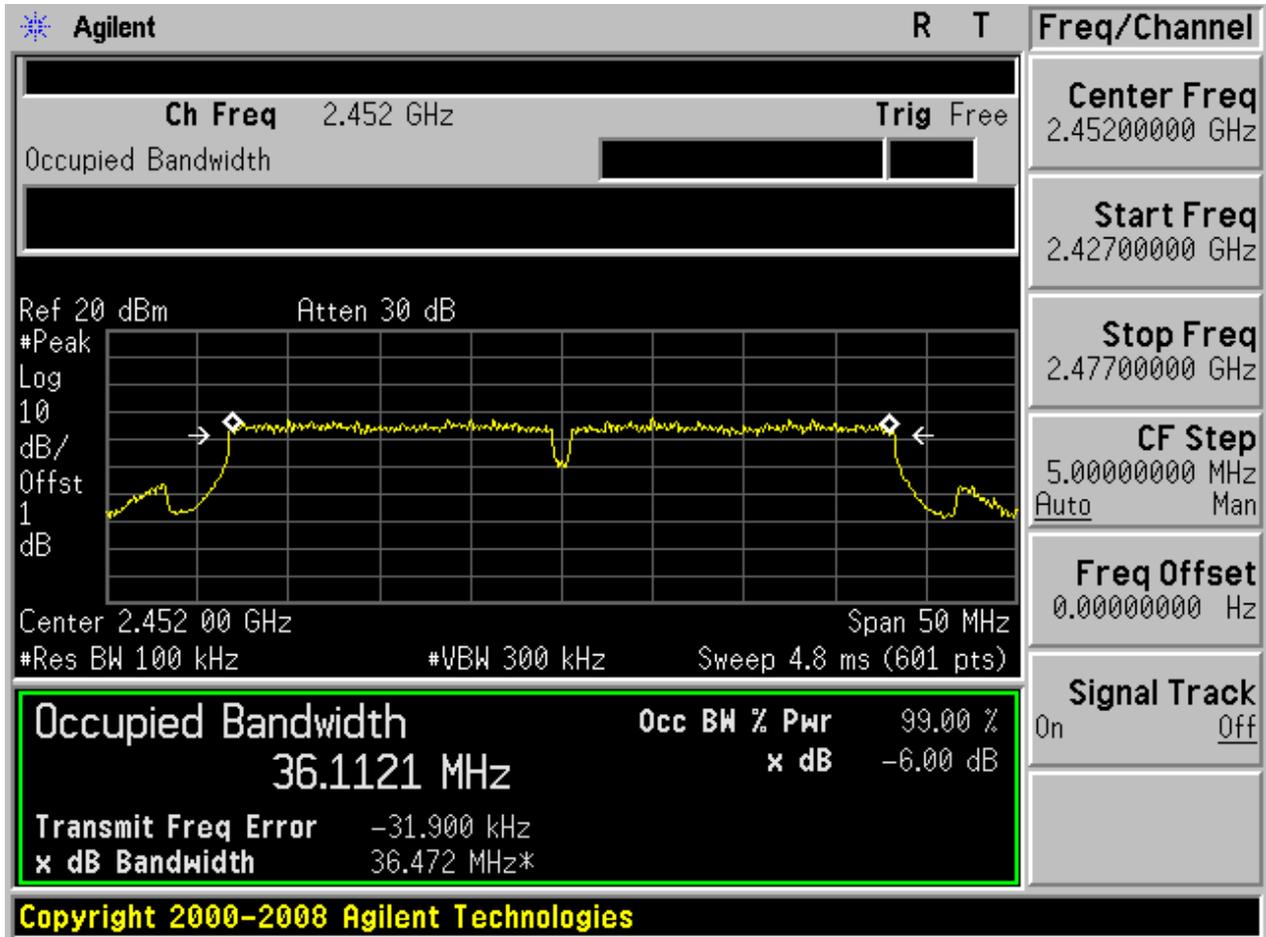
## 2.27 11N40\_M@Ant 1



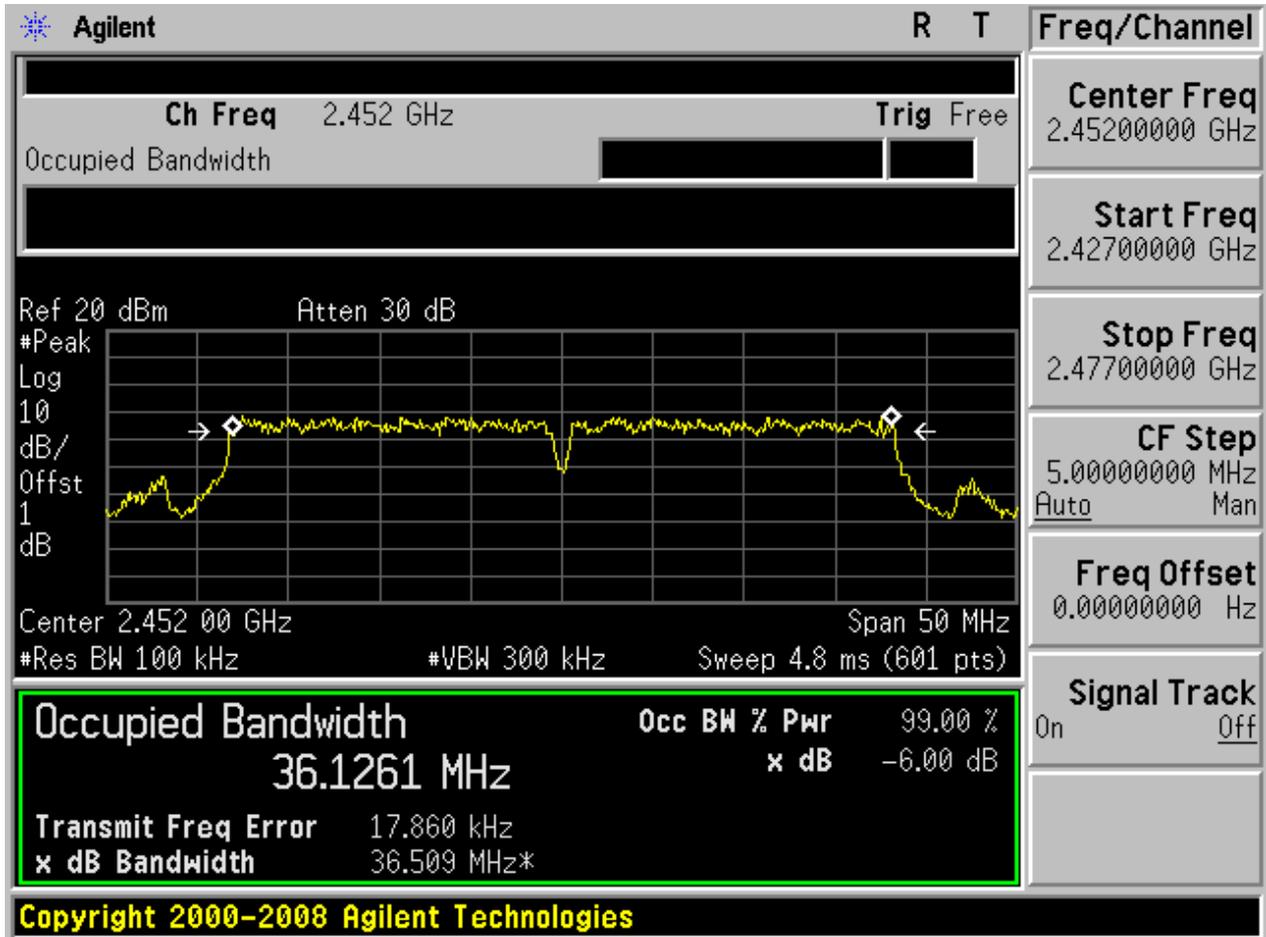
2.28 11N40\_M@Ant 2



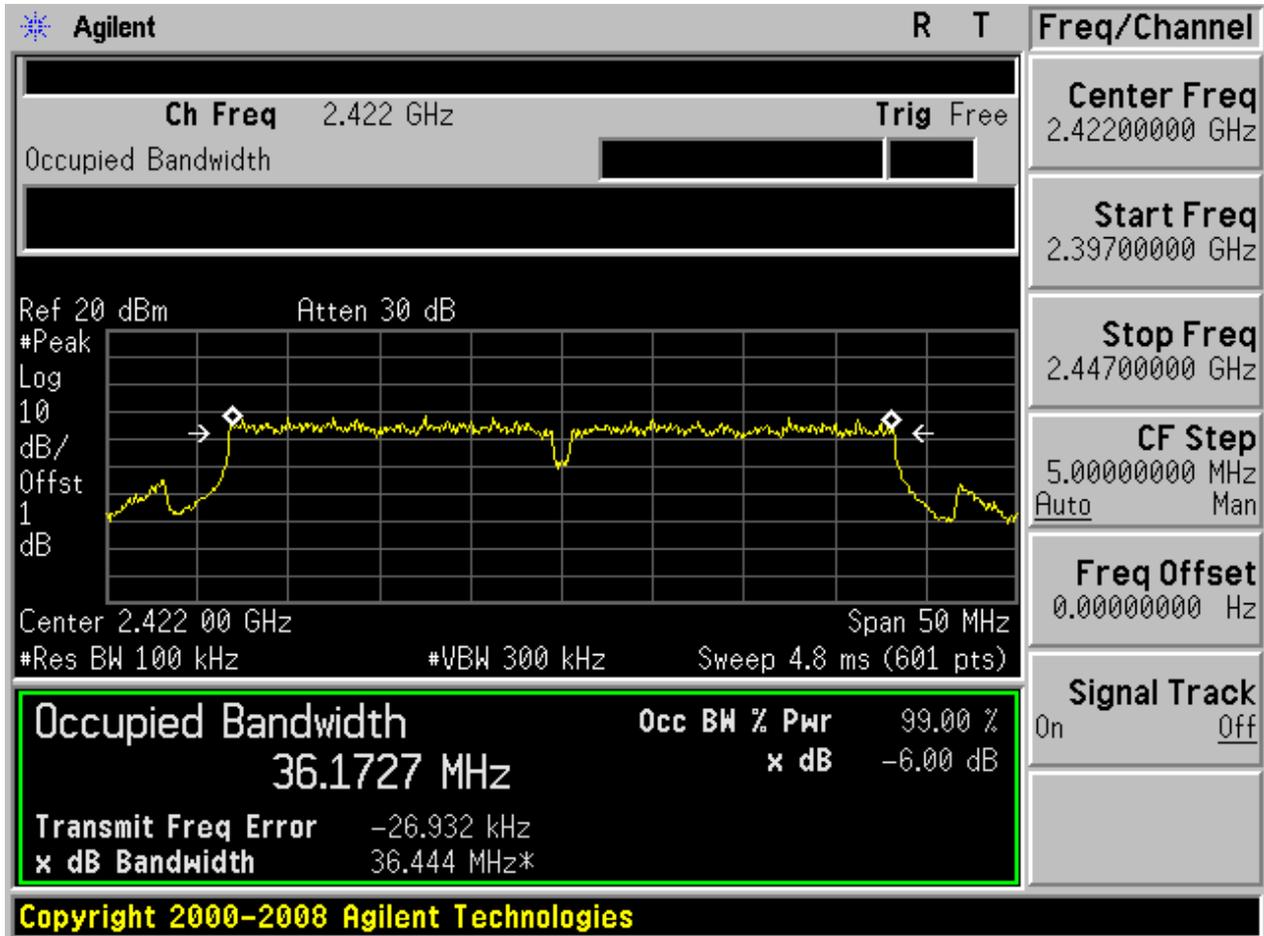
2.29 11N40\_H@Ant 1



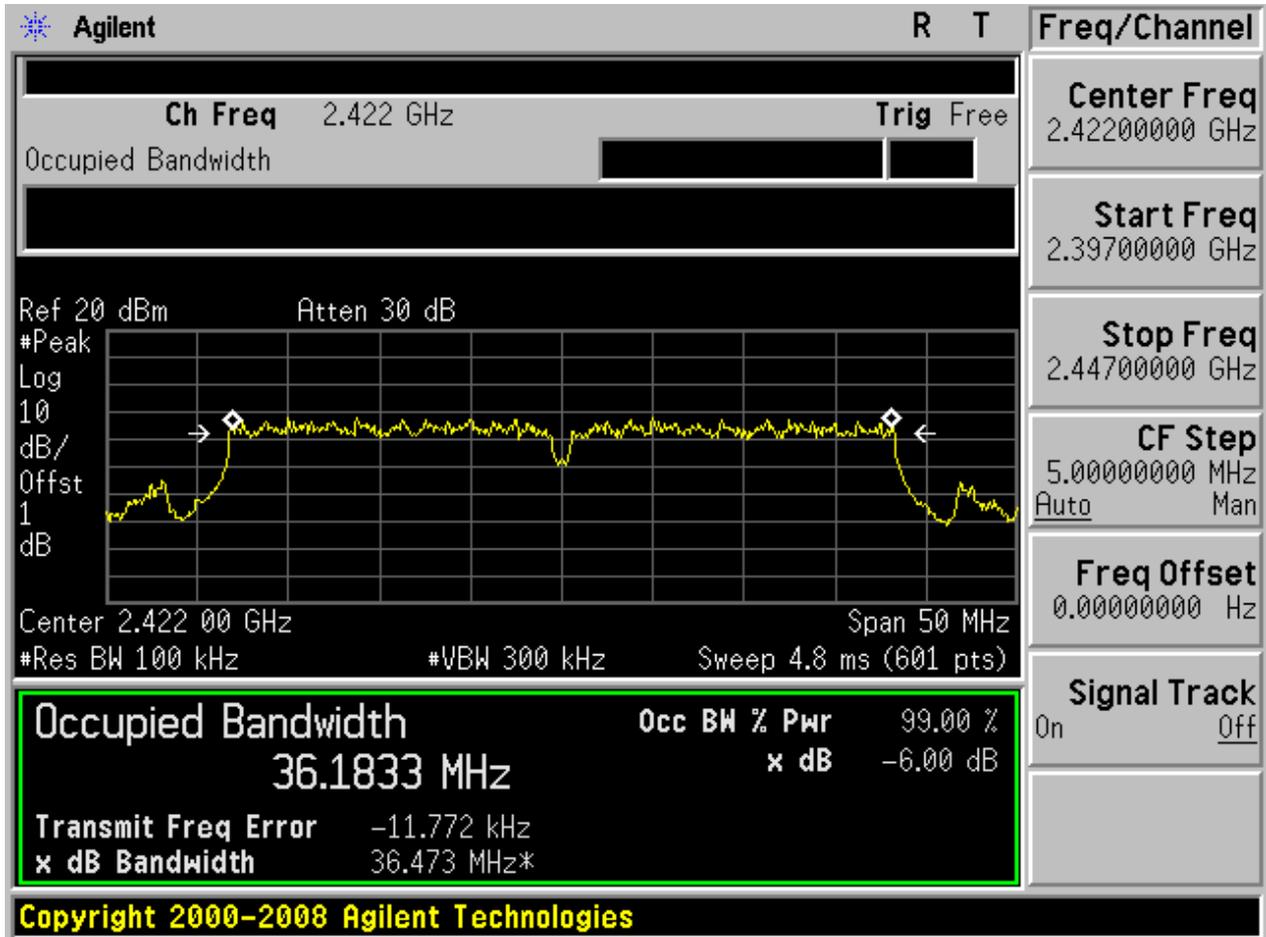
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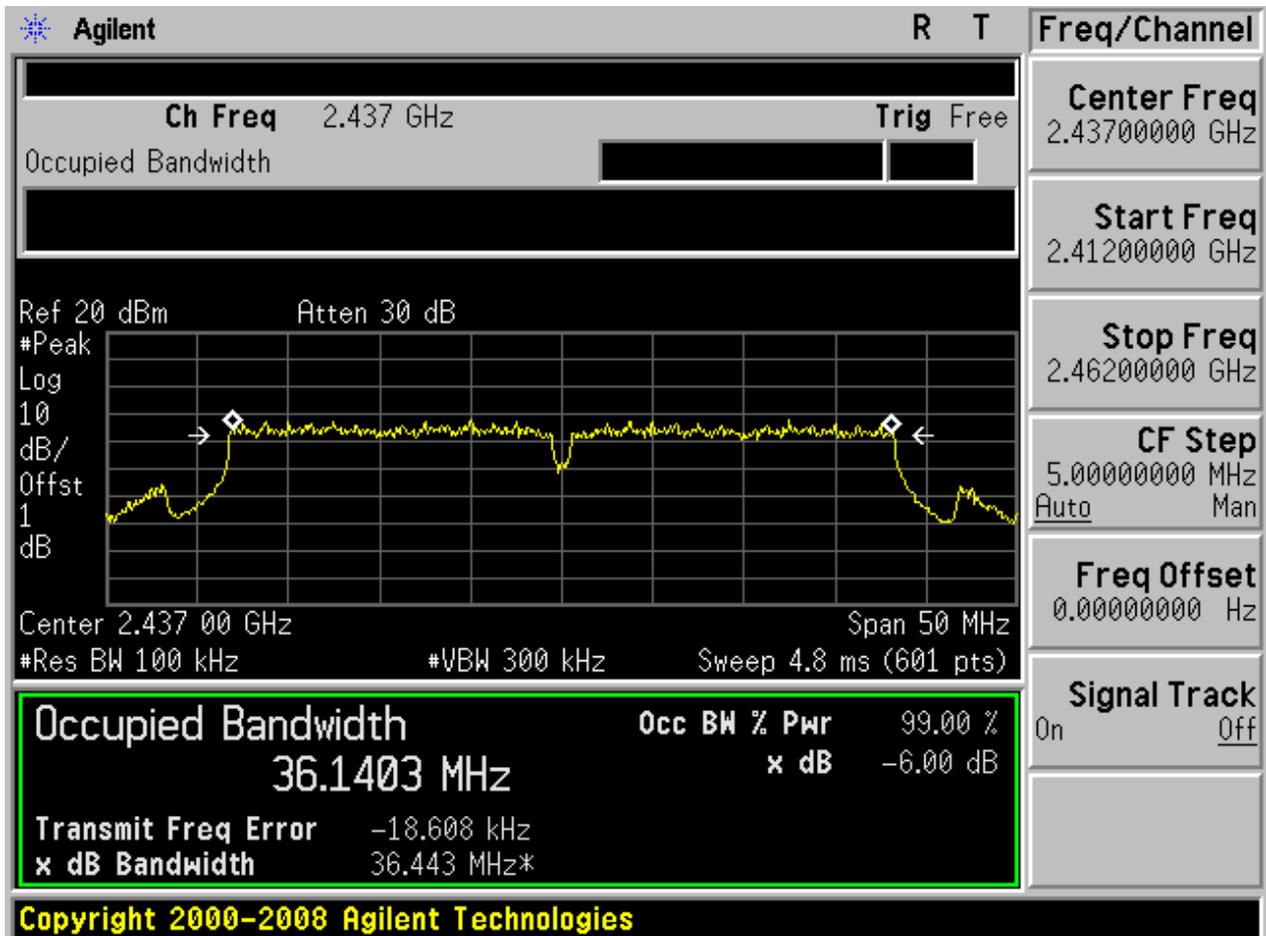
## 2.31 11N40m\_L@Ant 1



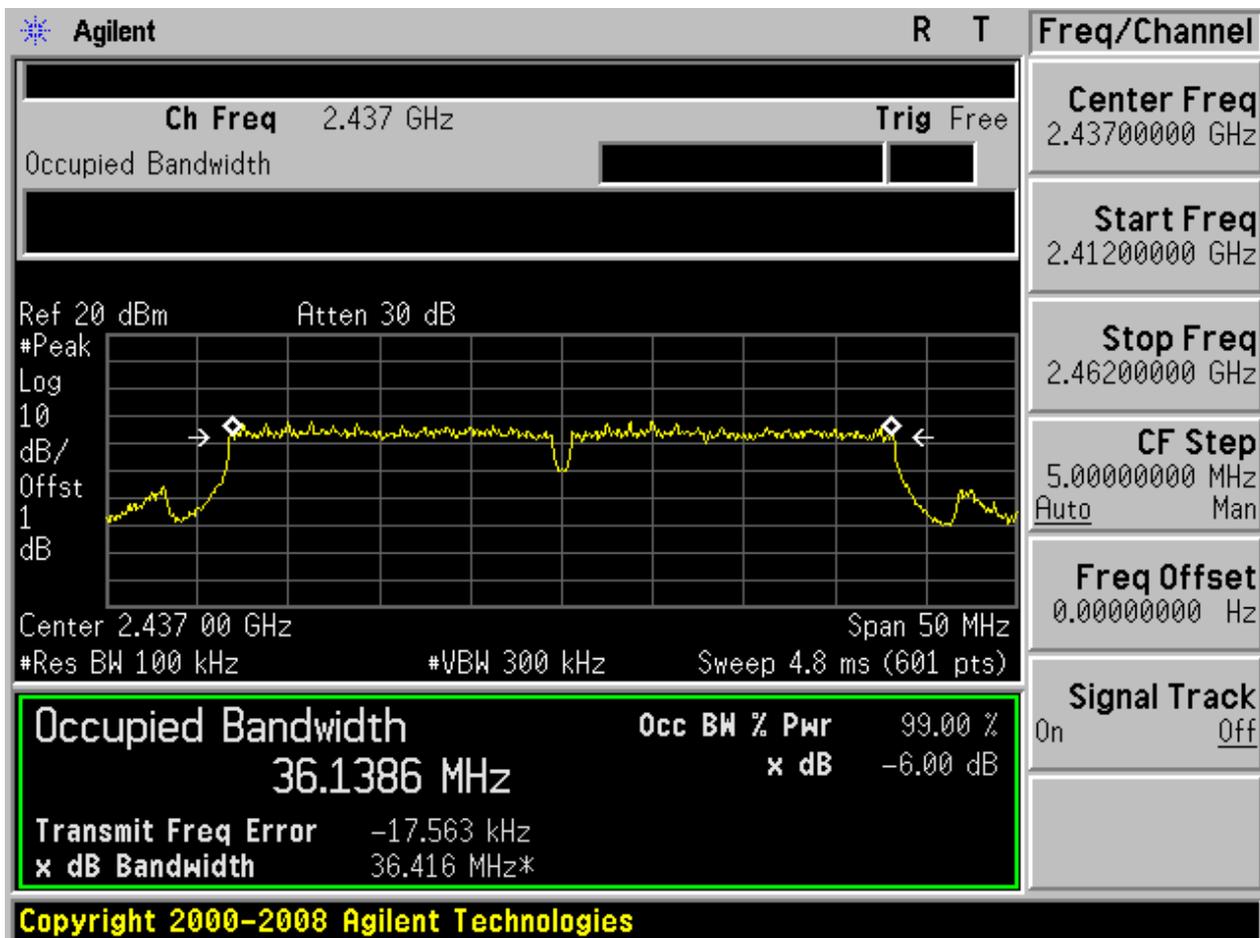
## 2.32 11N40m\_L@Ant 2



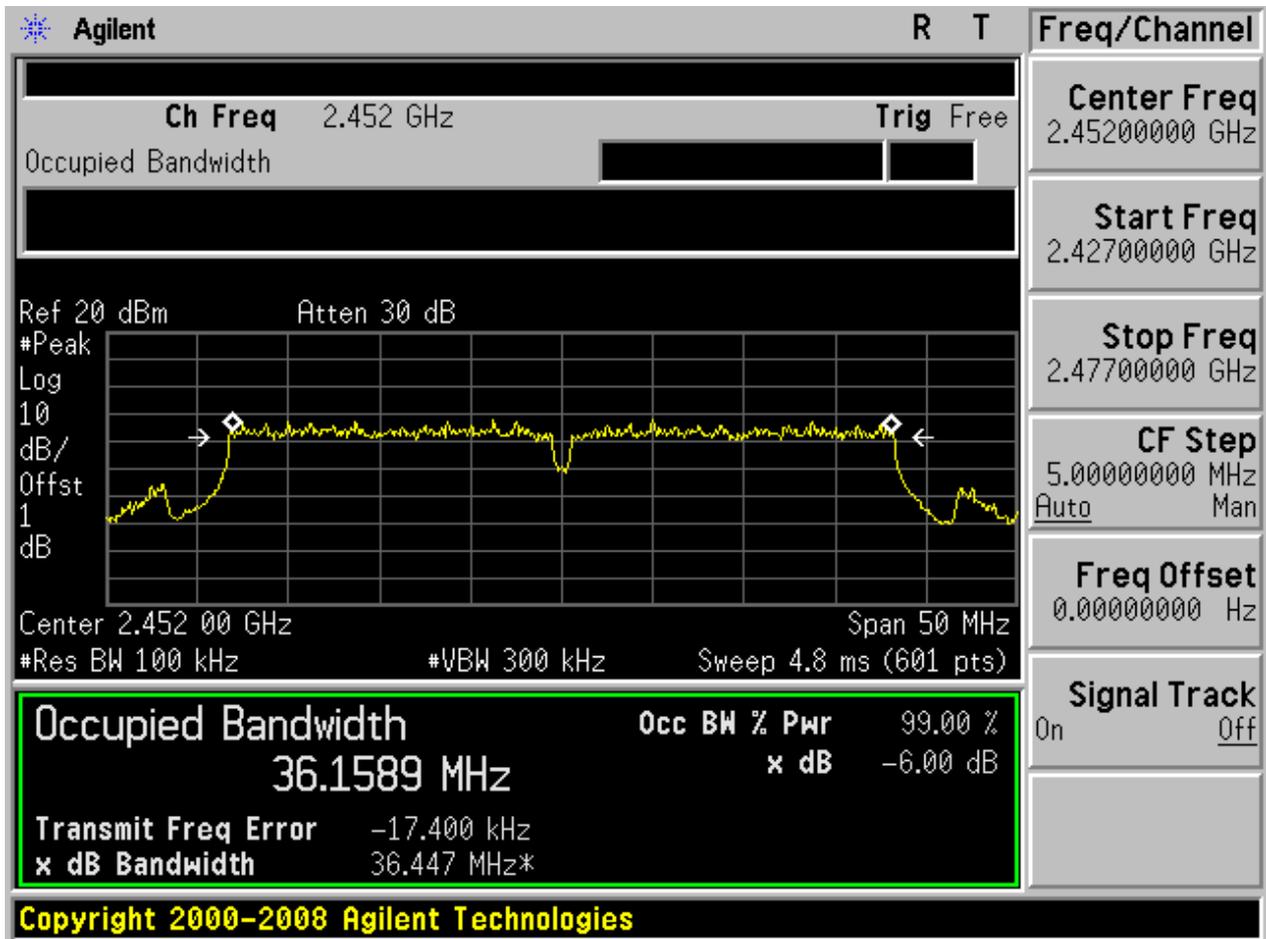
## 2.33 11N40m\_M@Ant 1



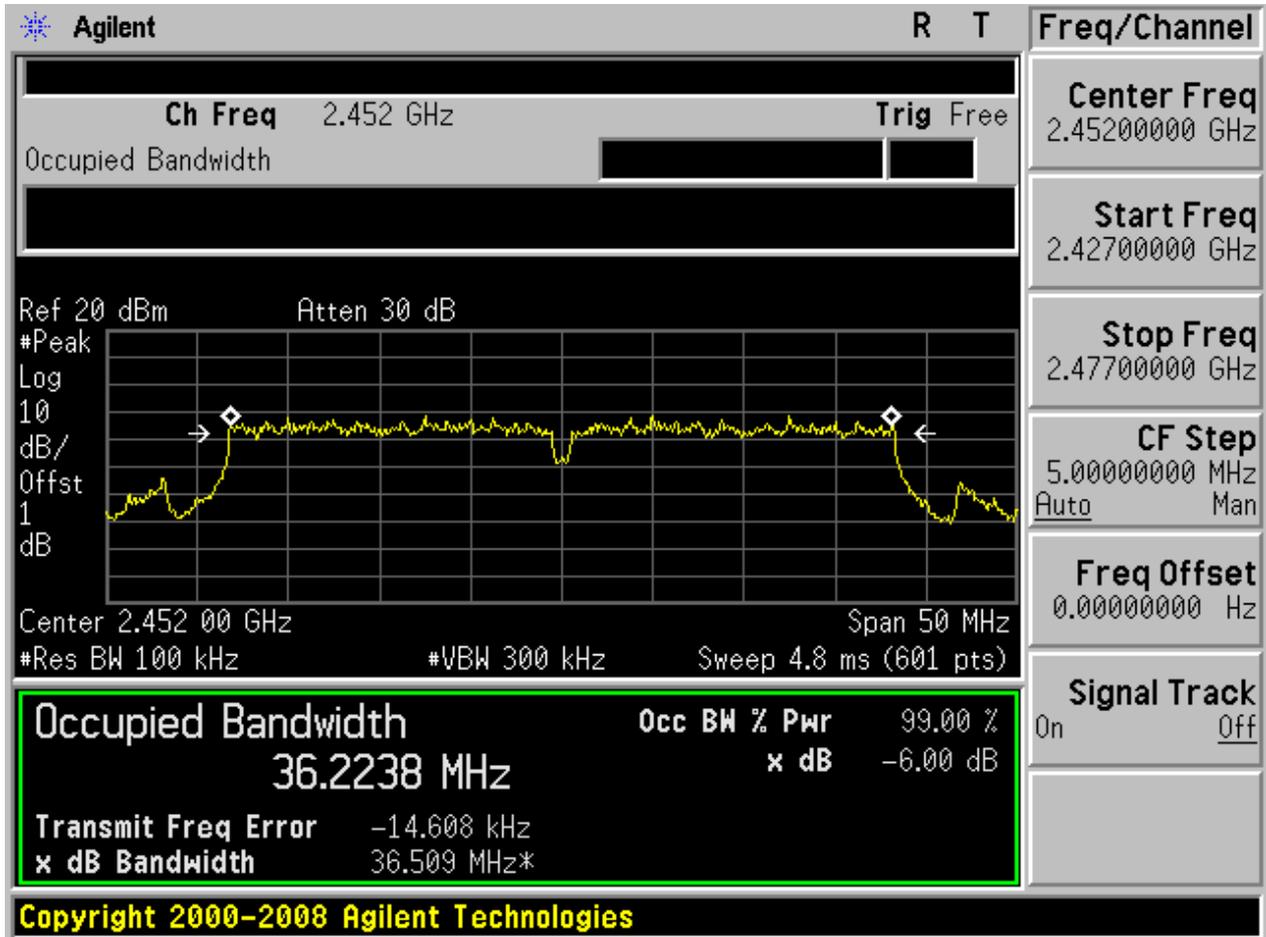
## 2.34 11N40m\_M@Ant 2



## 2.35 11N40m\_H@Ant 1



## 2.36 11N40m\_H@Ant 2





# Appendix B: Maximum Peak Conducted Output Power

## Part I - Test Results

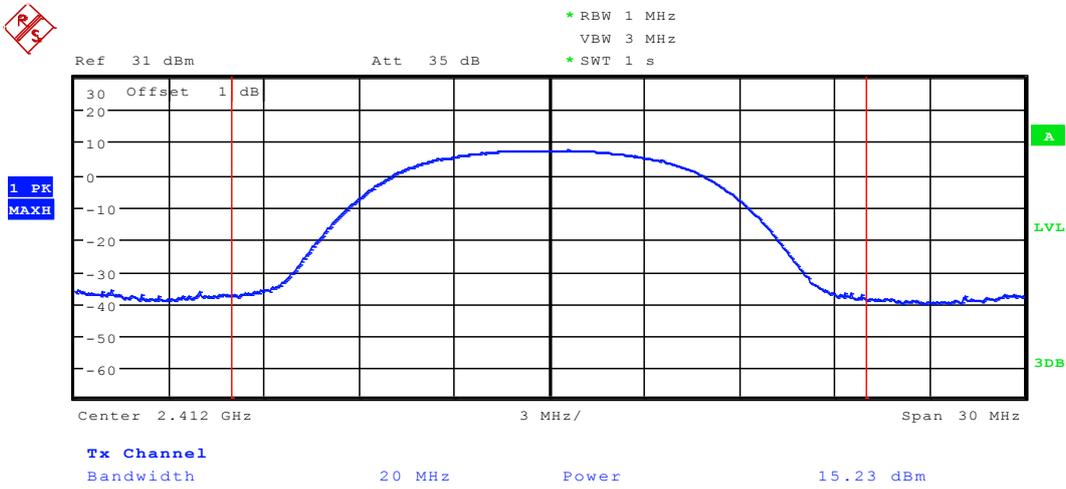
Test Mode	Test Channel	Frequency[MHz]	Ant	Meas. Level (Cond.) [dBm]	Verdict
11B	L	2412	Ant 1	15.23	pass
11B	L	2412	Ant 2	15.29	pass
11B	M	2437	Ant 1	14.93	pass
11B	M	2437	Ant 2	15.52	pass
11B	H	2462	Ant 1	15.00	pass
11B	H	2462	Ant 2	15.57	pass
11G	L	2412	Ant 1	18.89	pass
11G	L	2412	Ant 2	18.57	pass
11G	M	2437	Ant 1	18.61	pass
11G	M	2437	Ant 2	19.08	pass
11G	H	2462	Ant 1	18.68	pass
11G	H	2462	Ant 2	19.04	pass
11N20	L	2412	Ant 1	18.51	pass
11N20	L	2412	Ant 2	18.51	pass
11N20	M	2437	Ant 1	18.28	pass
11N20	M	2437	Ant 2	18.71	pass
11N20	H	2462	Ant 1	18.09	pass
11N20	H	2462	Ant 2	18.82	pass
11N20m	L	2412	Ant 1	18.38	---
11N20m	L	2412	Ant 2	18.38	---
11N20m	M	2437	Ant 1	18.37	---
11N20m	M	2437	Ant 2	18.55	---
11N20m	H	2462	Ant 1	18.12	---
11N20m	H	2462	Ant 2	18.84	---
11N20m	L	2412	Ant 1+2	21.39	pass
11N20m	M	2437	Ant 1+2	21.39	pass
11N20m	H	2462	Ant 1+2	21.47	pass
11N40	L	2422	Ant 1	18.67	pass
11N40	L	2422	Ant 2	18.72	pass
11N40	M	2437	Ant 1	18.59	pass
11N40	M	2437	Ant 2	18.84	pass
11N40	H	2452	Ant 1	18.33	pass
11N40	H	2452	Ant 2	18.85	pass
11N40m	L	2422	Ant 1	18.32	---



11N40m	L	2422	Ant 2	18.41	---
11N40m	M	2437	Ant 1	18.38	---
11N40m	M	2437	Ant 2	18.96	---
11N40m	H	2452	Ant 1	18.57	---
11N40m	H	2452	Ant 2	18.79	---
11N40m	L	2422	Ant 1+2	21.38	pass
11N40m	M	2437	Ant 1+2	21.41	pass
11N40m	H	2452	Ant 1+2	21.69	pass

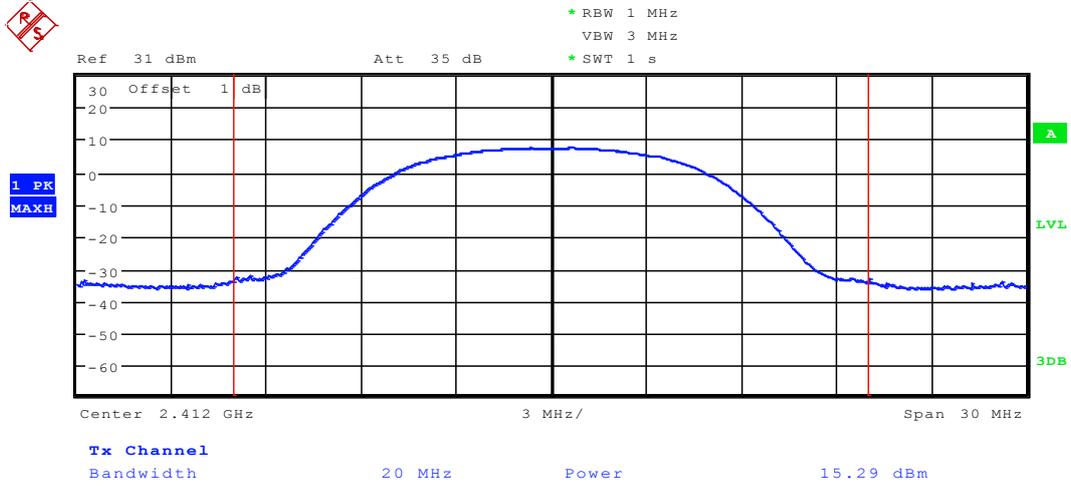
## Part II - Test Plots

### 2.1 11B\_L@Ant 1



Date: 3.DEC.2013 15:02:14

## 2.2 11B\_L@Ant 2



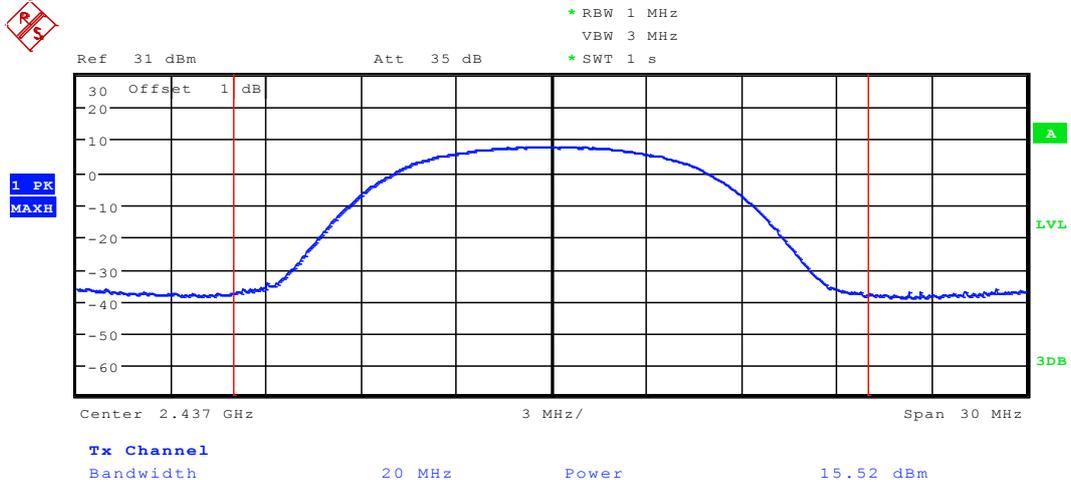
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### 2.3 11B\_M@Ant 1



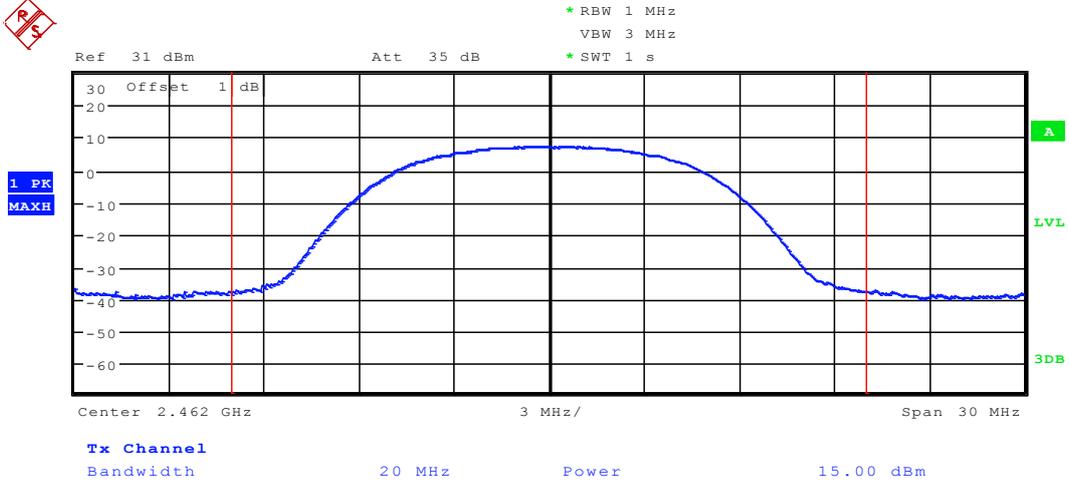
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## 2.4 11B\_M@Ant 2



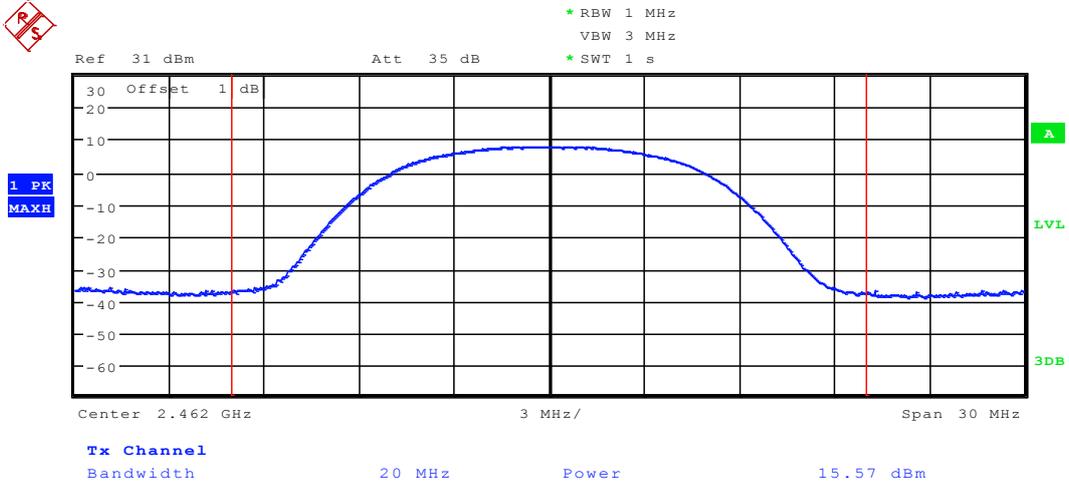
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## 2.5 11B\_H@Ant 1



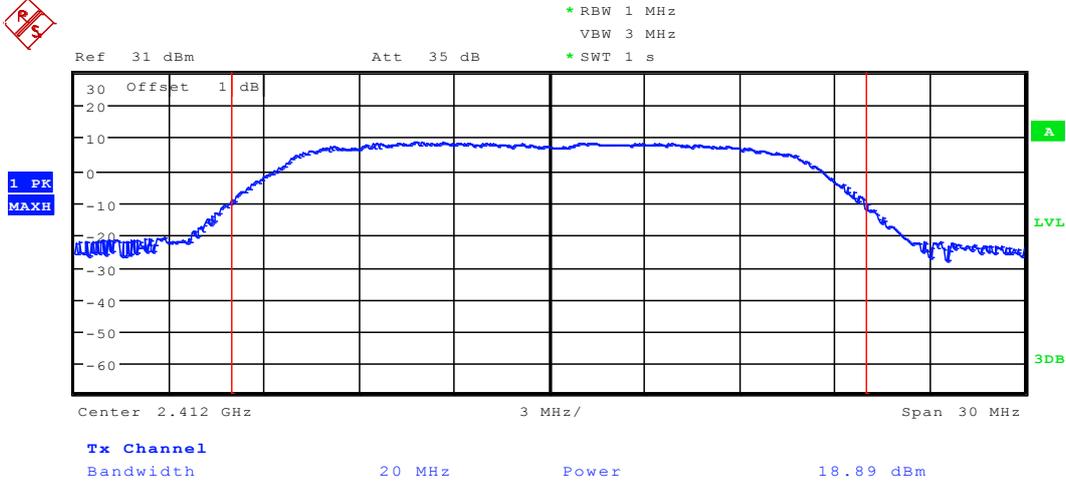
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## 2.6 11B\_H@Ant 2



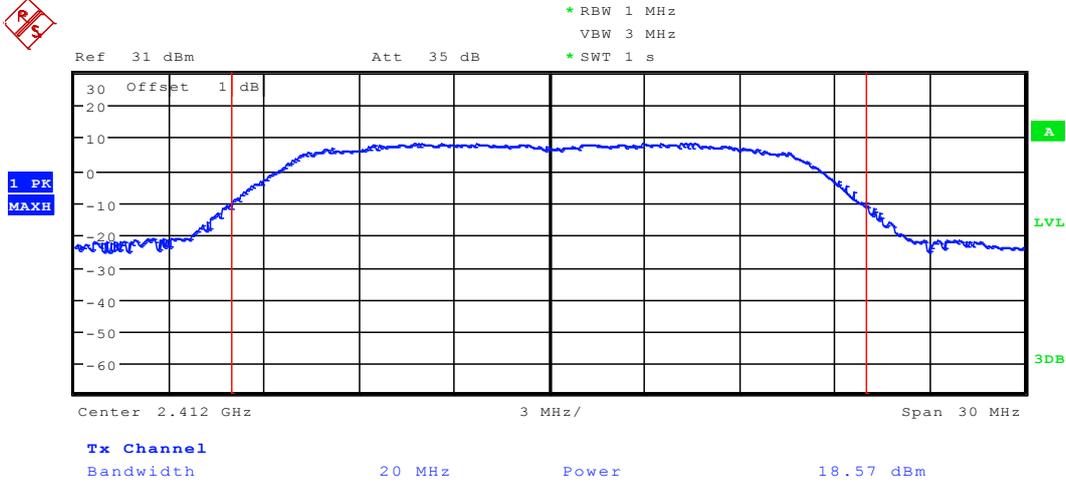
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### 2.7 11G\_L@Ant 1



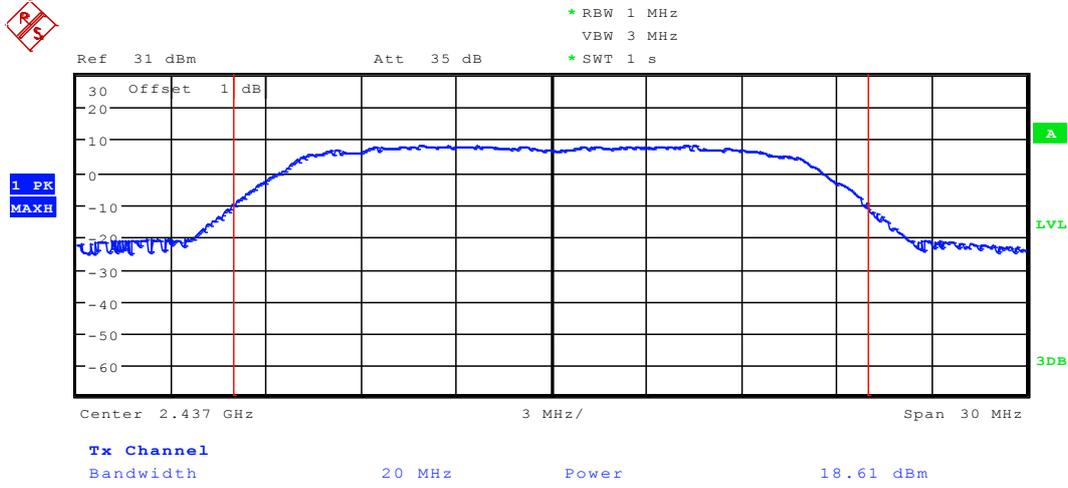
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### 2.8 11G\_L@Ant 2



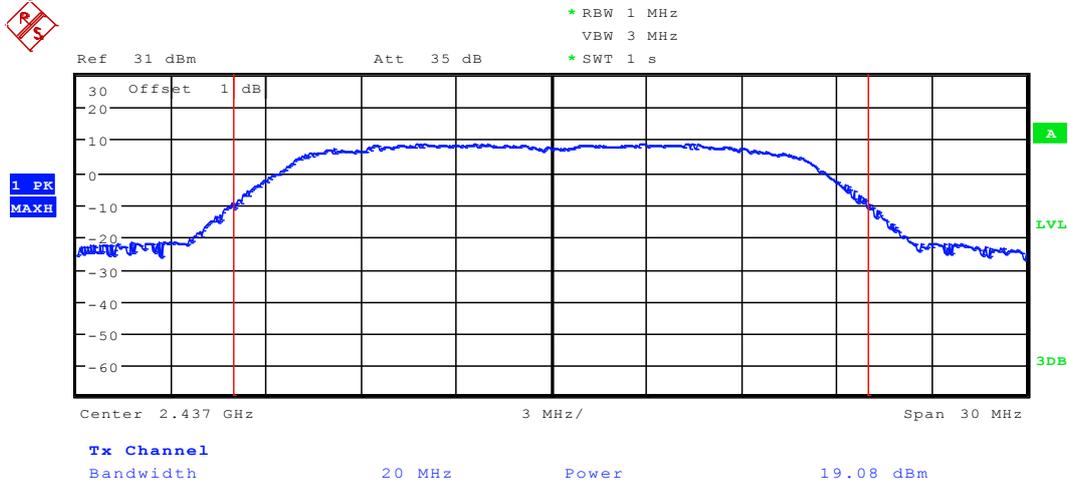
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### 2.9 11G\_M@Ant 1



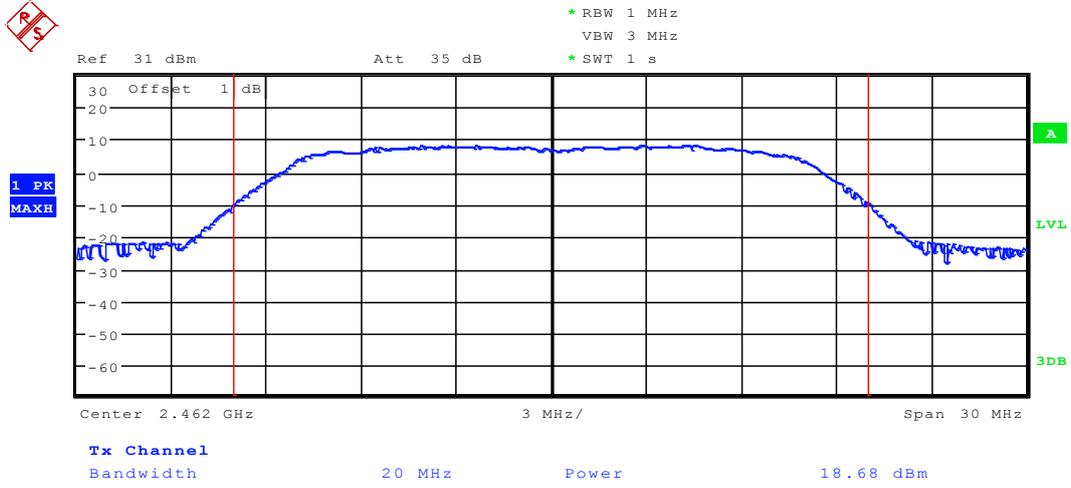
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## 2.10 11G\_M@Ant 2



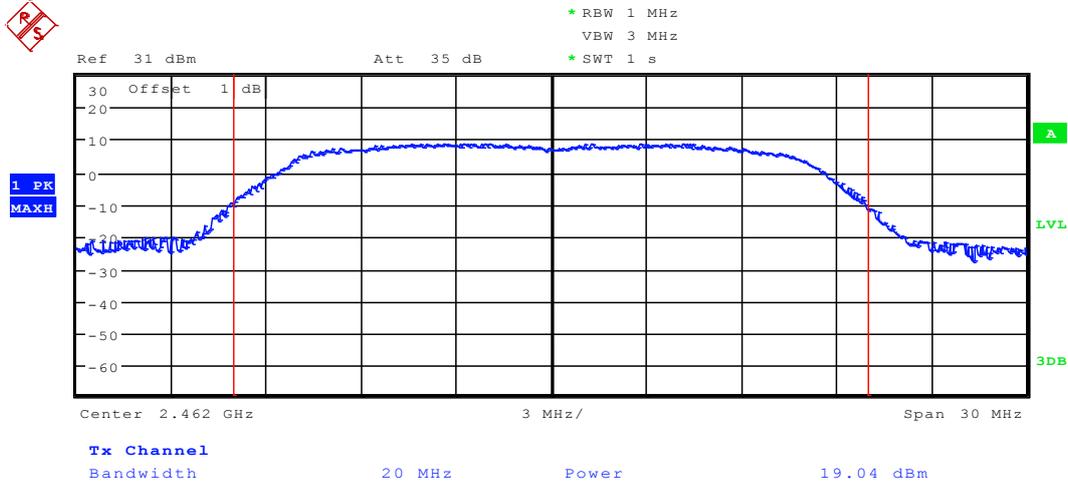
Date: 3.DEC.2013 14:55:49

## 2.11 11G\_H@Ant 1



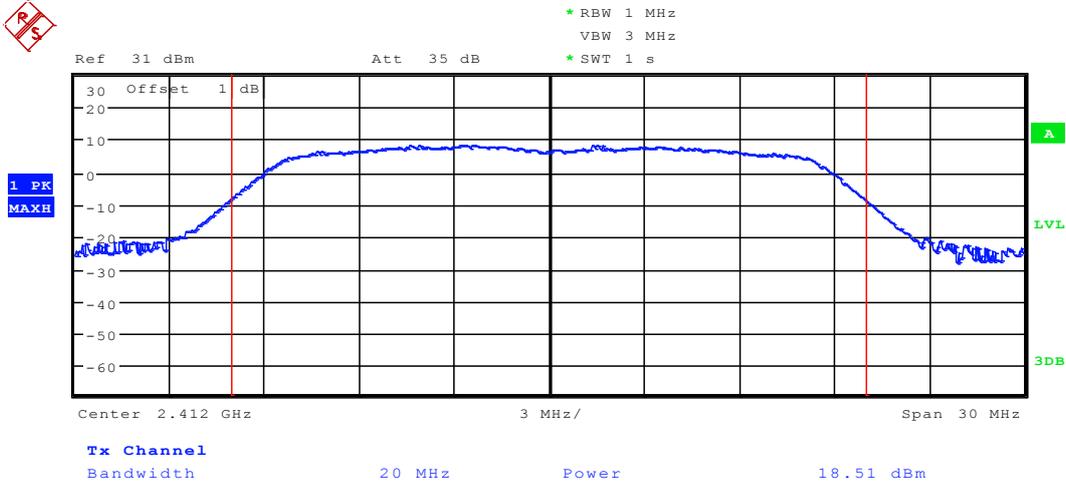
Date: 3.DEC.2013 14:54:09

## 2.12 11G\_H@Ant 2



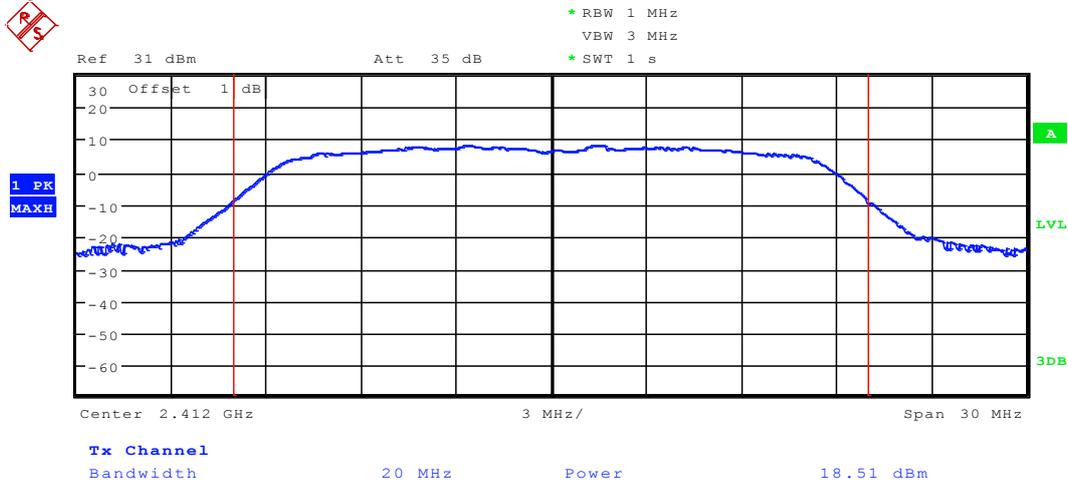
Date: 3.DEC.2013 14:55:00

### 2.13 11N20\_L@Ant 1



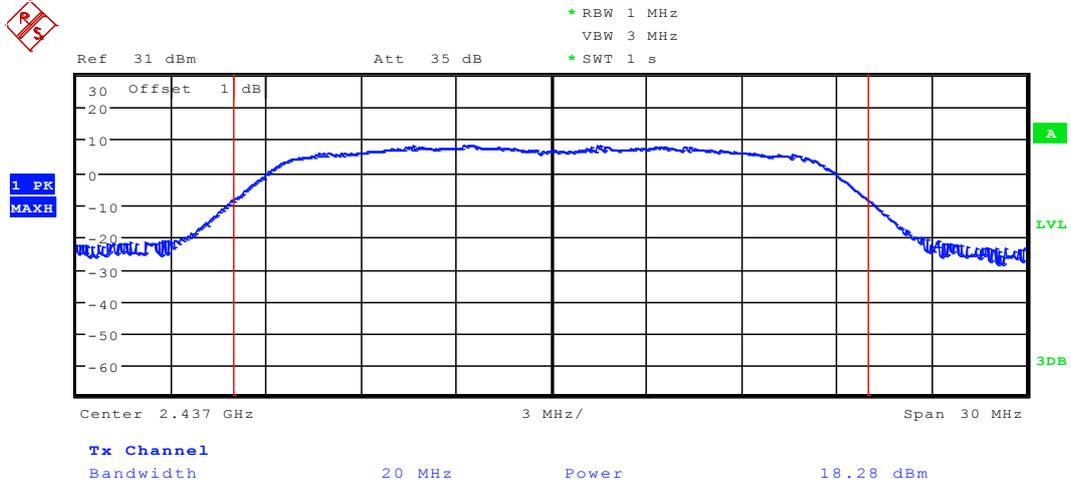
Date: 3.DEC.2013 14:50:26

### 2.14 11N20\_L@Ant 2



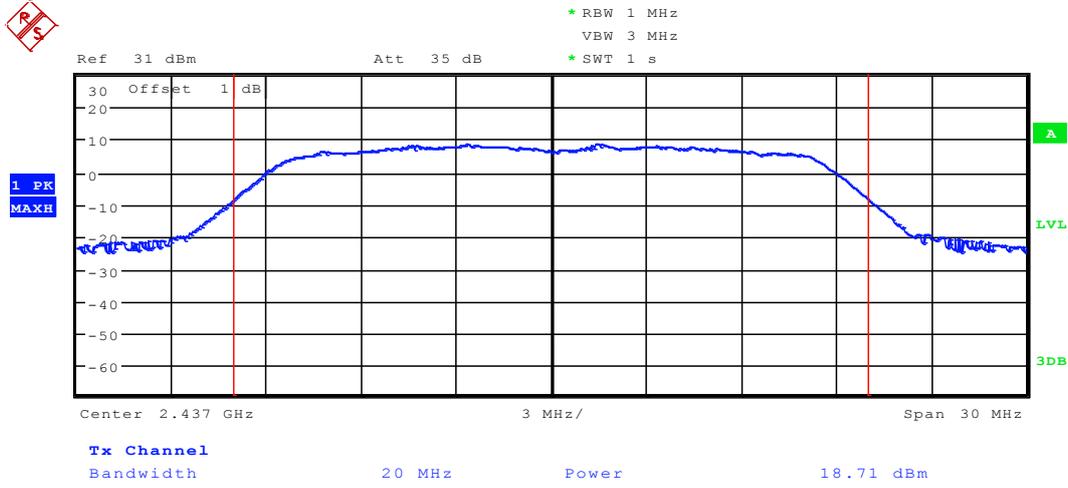
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### 2.15 11N20\_M@Ant 1



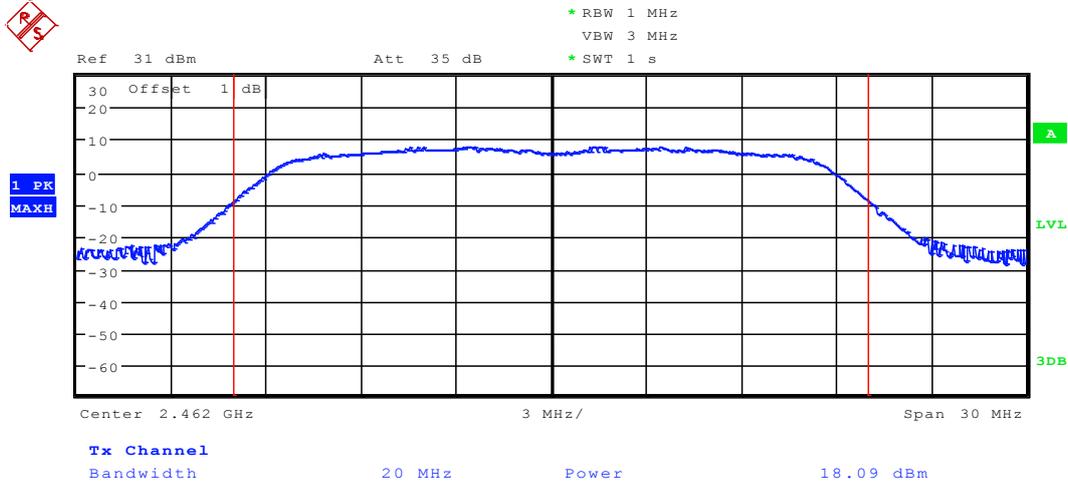
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## 2.16 11N20\_M@Ant 2



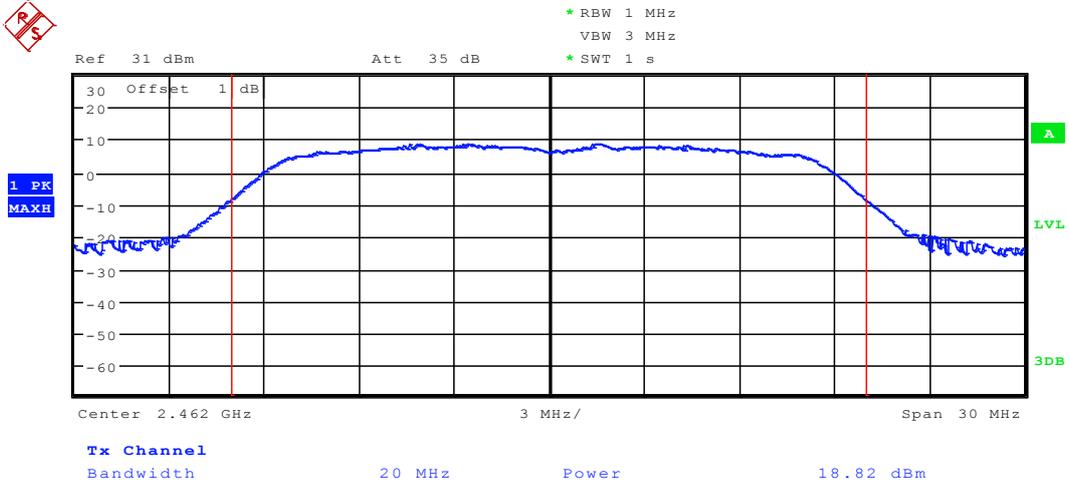
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### 2.17 11N20\_H@Ant 1



Date: 3.DEC.2013 14:48:53

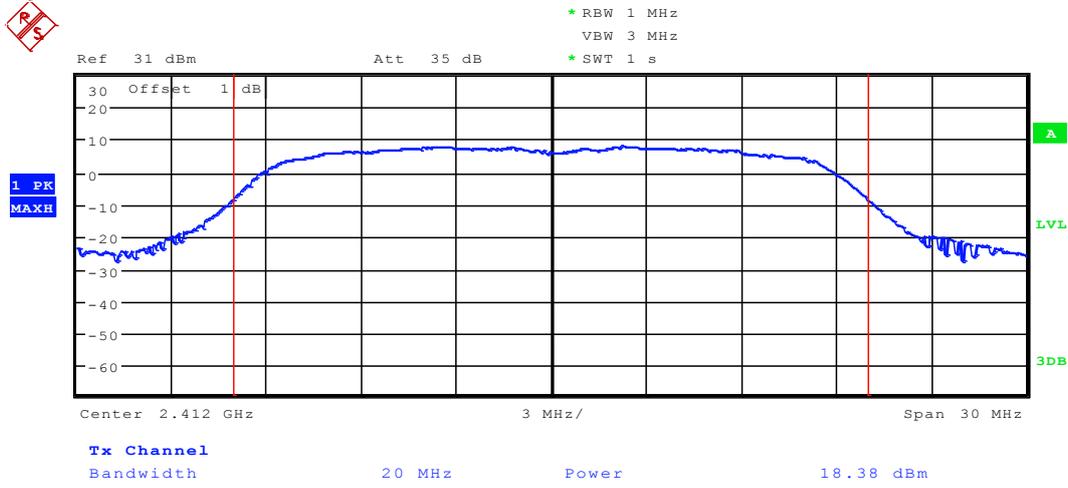
## 2.18 11N20\_H@Ant 2



Date: 3.DEC.2013 14:47:51



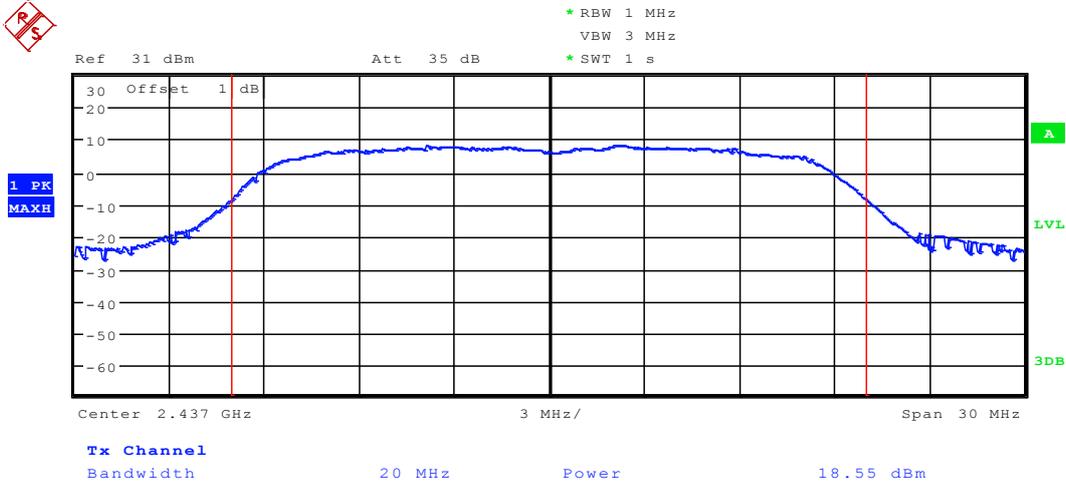
## 2.20 11N20m\_L@Ant 2



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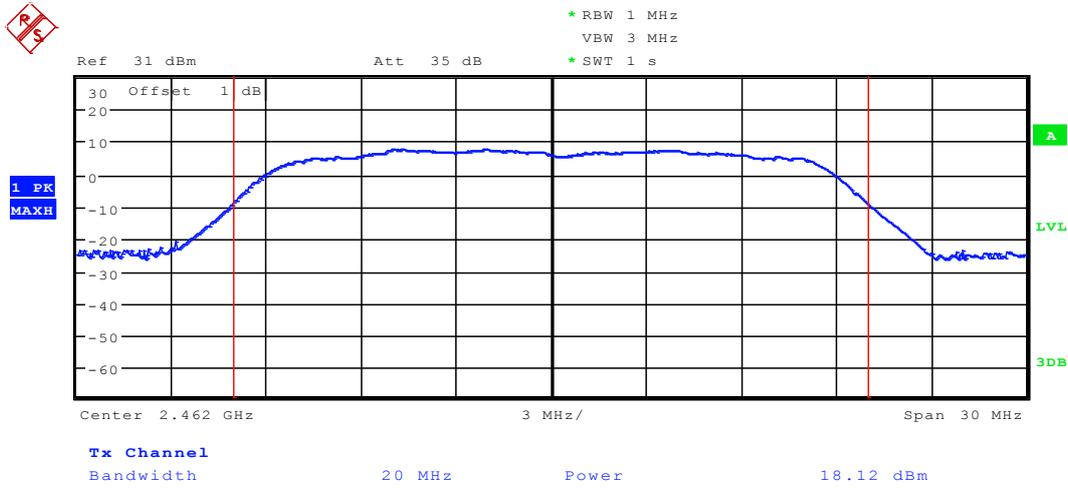
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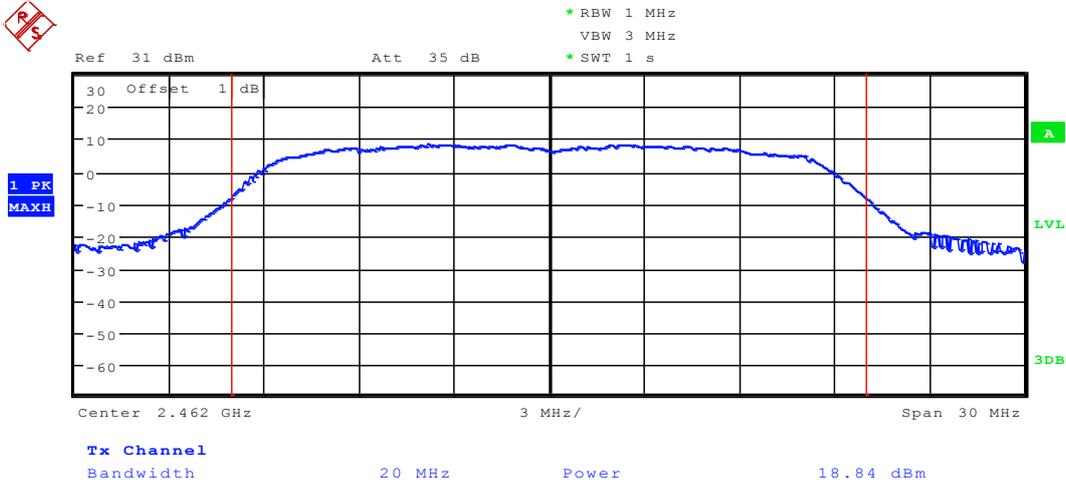


### 2.23 11N20m\_H@Ant 1



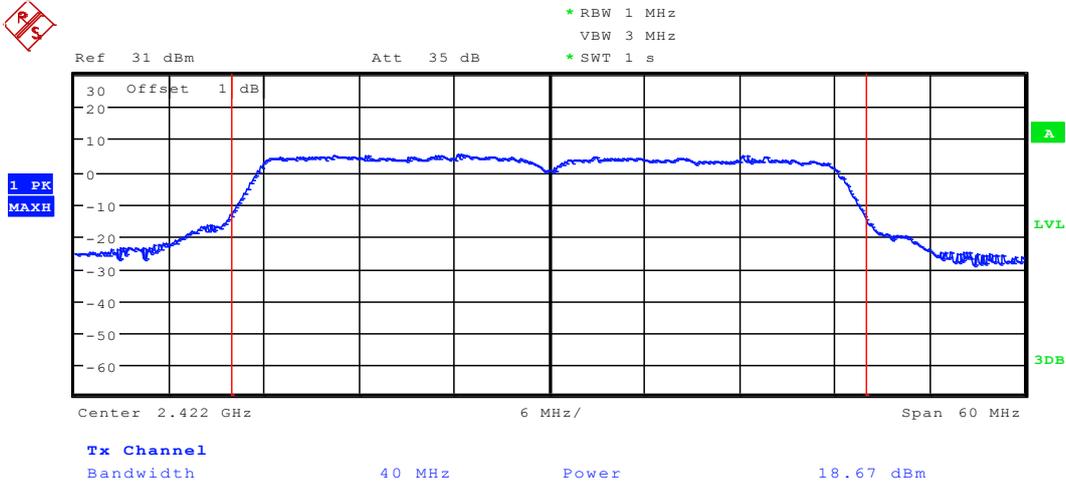
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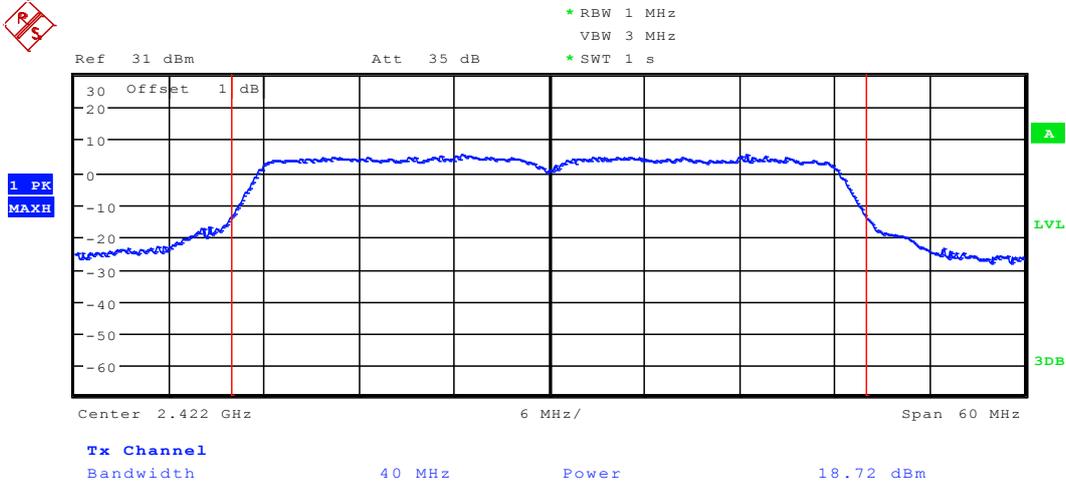
Date: 3.DEC.2013 15:09:44

### 2.25 11N40\_L@Ant 1



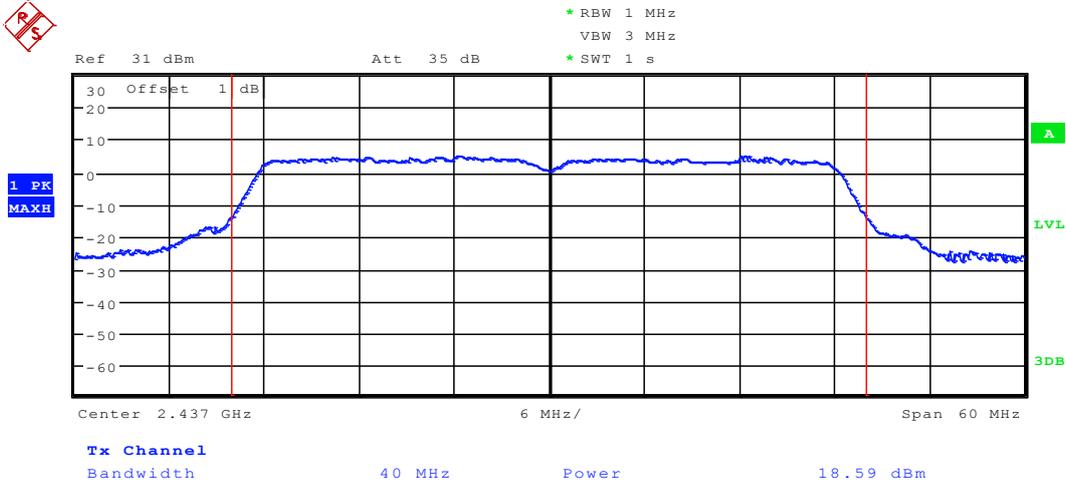
Date: 3.DEC.2013 14:36:23

### 2.26 11N40\_L@Ant 2



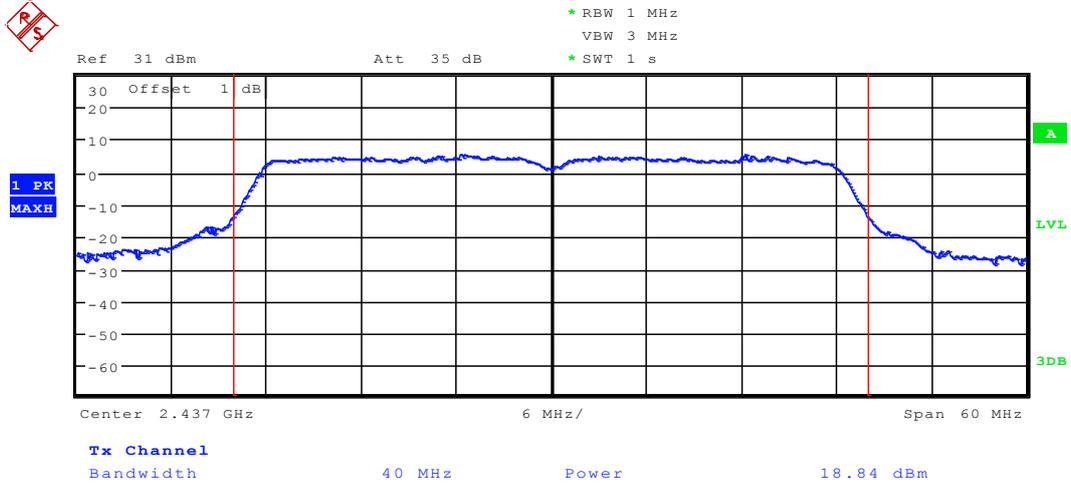
Date: 3.DEC.2013 14:44:15

## 2.27 11N40\_M@Ant 1



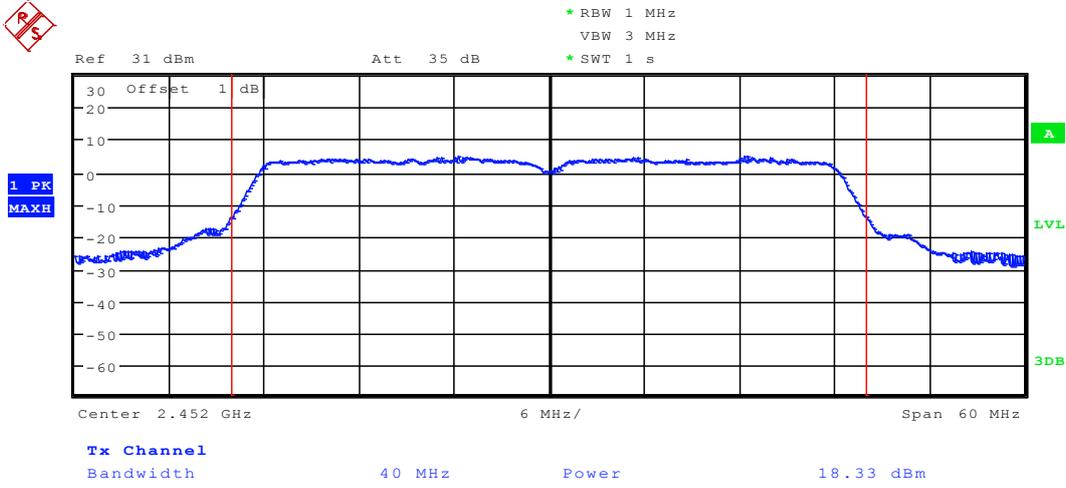
Date: 3.DEC.2013 14:37:40

## 2.28 11N40\_M@Ant 2



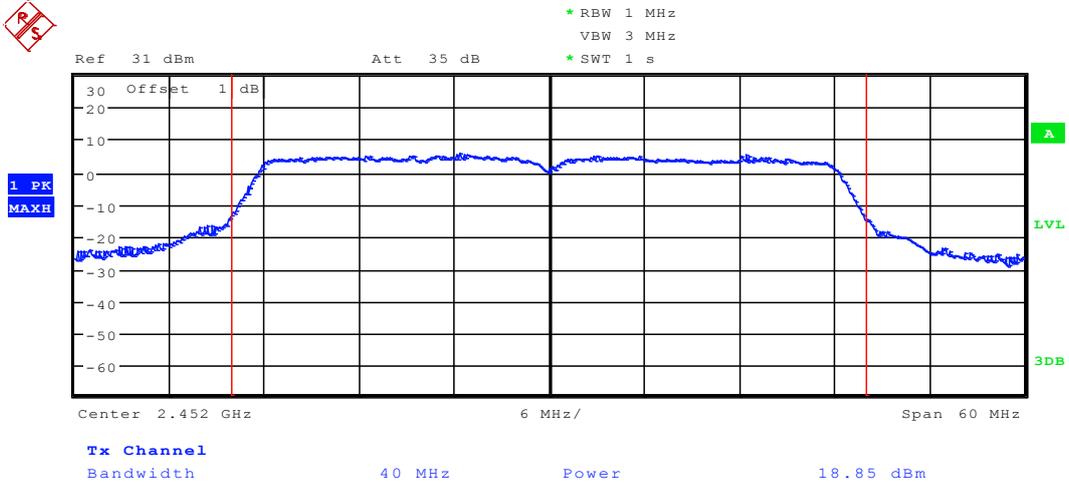
Date: 3.DEC.2013 14:42:29

### 2.29 11N40\_H@Ant 1



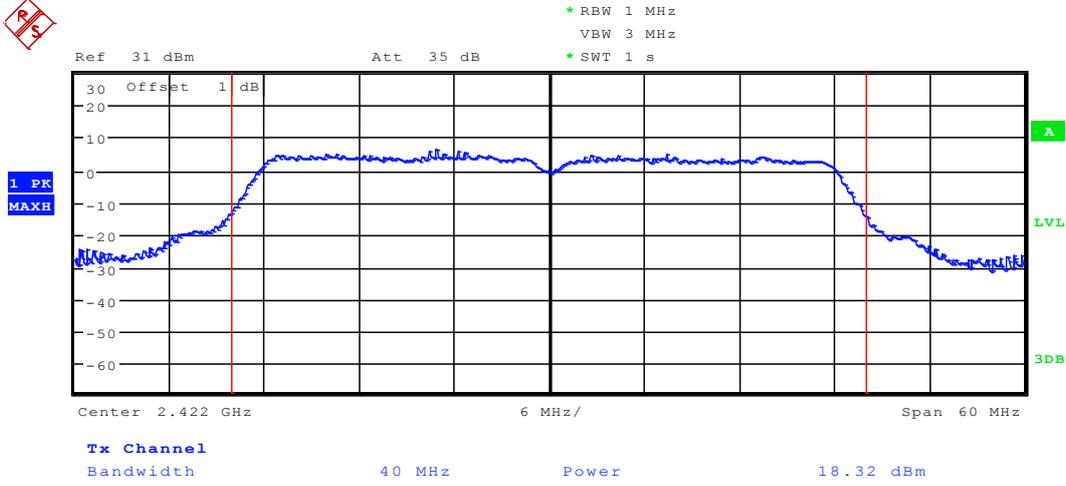
Date: 3.DEC.2013 14:38:43

### 2.30 11N40\_H@Ant 2



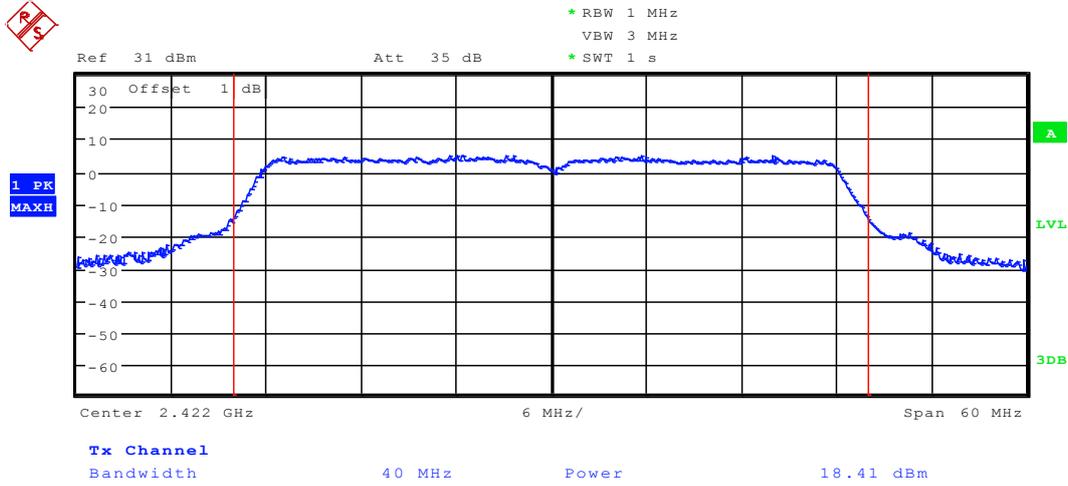
Date: 3.DEC.2013 14:43:13

### 2.31 11N40m\_L@Ant 1



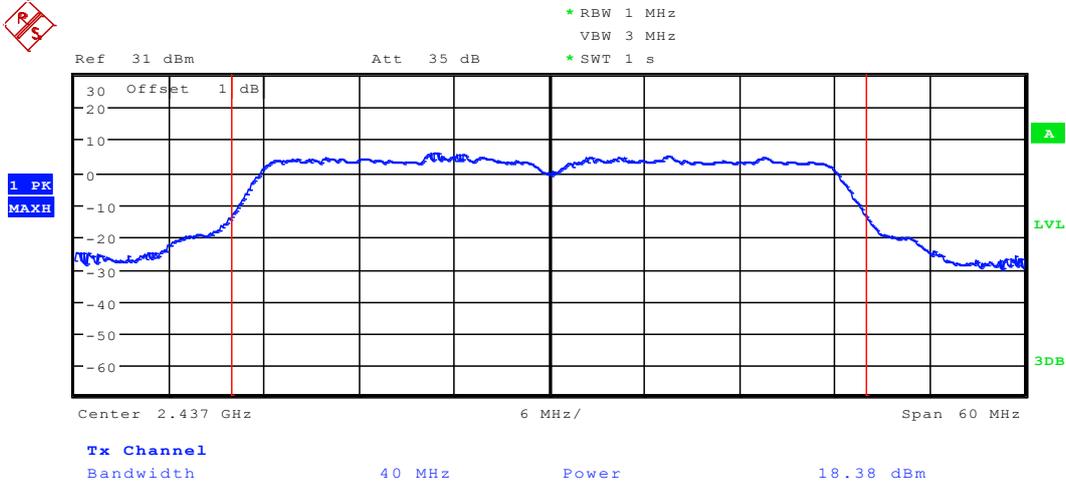
Date: 3.DEC.2013 15:12:08

### 2.32 11N40m\_L@Ant 2



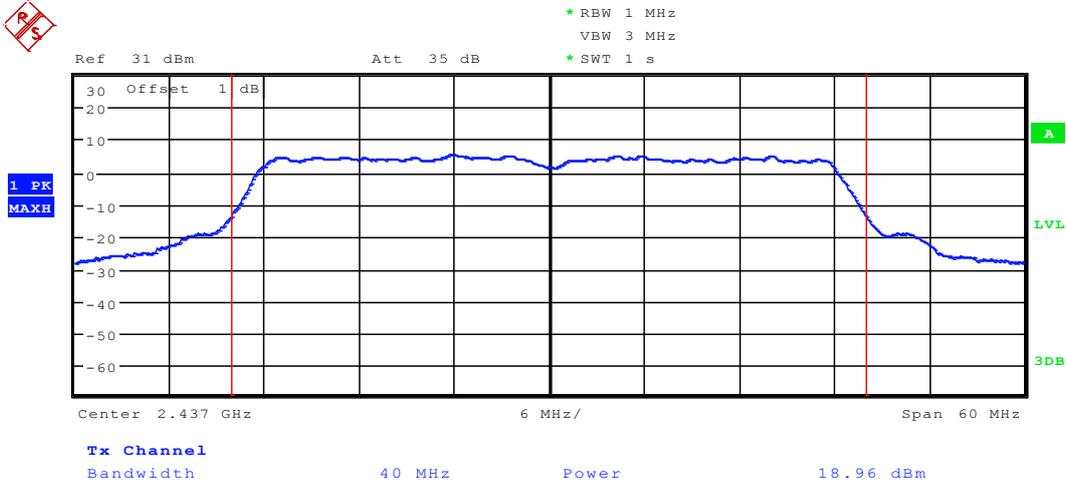
Date: 3.DEC.2013 15:11:04

### 2.33 11N40m\_M@Ant 1



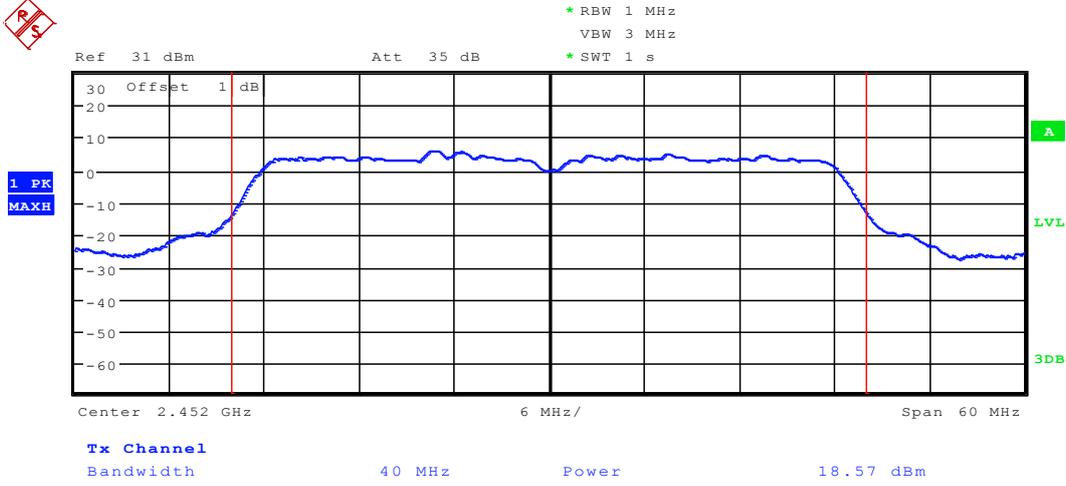
Date: 3.DEC.2013 15:12:52

### 2.34 11N40m\_M@Ant 2



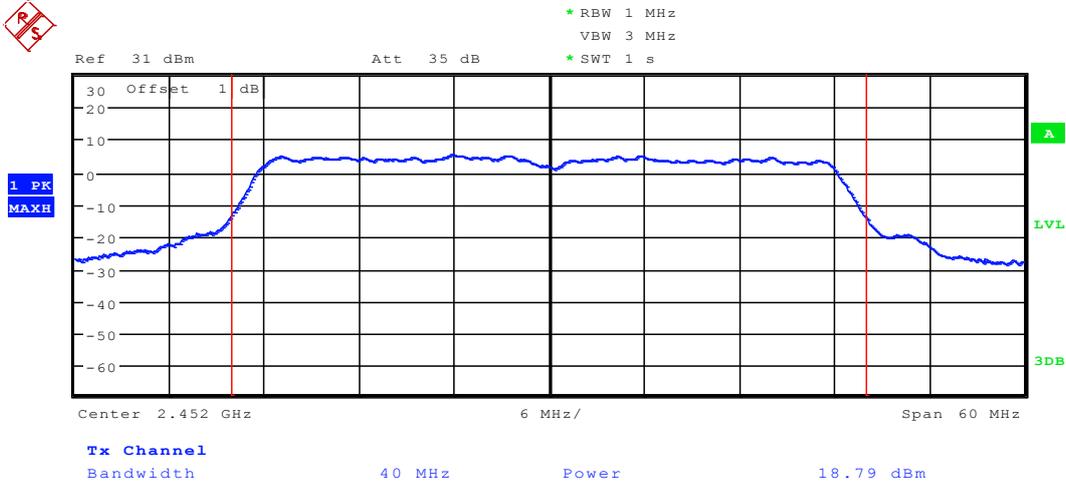
Date: 3.DEC.2013 15:13:47

### 2.35 11N40m\_H@Ant 1



Date: 3.DEC.2013 15:15:37

### 2.36 11N40m\_H@Ant 2



Date: 3.DEC.2013 15:14:43



## Appendix C: Average Power

Test Mode	Test Channel	Frequency[MHz]	Ant	Meas. Level (Cond.) [dBm]	Verdict
11B	L	2412	Ant 1	8.10	pass
11B	L	2412	Ant 2	8.16	pass
11B	M	2437	Ant 1	8.14	pass
11B	M	2437	Ant 2	8.66	pass
11B	H	2462	Ant 1	7.64	pass
11B	H	2462	Ant 2	8.99	pass
11G	L	2412	Ant 1	8.93	pass
11G	L	2412	Ant 2	8.52	pass
11G	M	2437	Ant 1	8.83	pass
11G	M	2437	Ant 2	9.35	pass
11G	H	2462	Ant 1	8.54	pass
11G	H	2462	Ant 2	9.29	pass
11N20	L	2412	Ant 1	8.78	pass
11N20	L	2412	Ant 2	8.50	pass
11N20	M	2437	Ant 1	8.75	pass
11N20	M	2437	Ant 2	9.16	pass
11N20	H	2462	Ant 1	8.49	pass
11N20	H	2462	Ant 2	9.45	pass
11N20m	L	2412	Ant 1	8.63	---
11N20m	L	2412	Ant 2	8.32	---
11N20m	M	2437	Ant 1	8.68	---
11N20m	M	2437	Ant 2	8.85	---
11N20m	H	2462	Ant 1	8.62	---
11N20m	H	2462	Ant 2	8.96	---
11N20m	L	2412	Ant 1+2	11.49	pass
11N20m	M	2437	Ant 1+2	11.78	pass
11N20m	H	2462	Ant 1+2	11.80	pass
11N40	L	2422	Ant 1	8.75	pass
11N40	L	2422	Ant 2	8.53	pass
11N40	M	2437	Ant 1	8.91	pass
11N40	M	2437	Ant 2	8.77	pass
11N40	H	2452	Ant 1	8.68	pass
11N40	H	2452	Ant 2	9.15	pass
11N40m	L	2422	Ant 1	8.75	---
11N40m	L	2422	Ant 2	8.53	---
11N40m	M	2437	Ant 1	8.91	---
11N40m	M	2437	Ant 2	8.77	---



11N40m	H	2452	Ant 1	8.68	---
11N40m	H	2452	Ant 2	9.15	---
11N40m	L	2422	Ant 1+2	11.65	pass
11N40m	M	2437	Ant 1+2	11.85	pass
11N40m	H	2452	Ant 1+2	11.93	pass

## Appendix D: Maximum Power Spectral Density Level

### Part I - Test Results

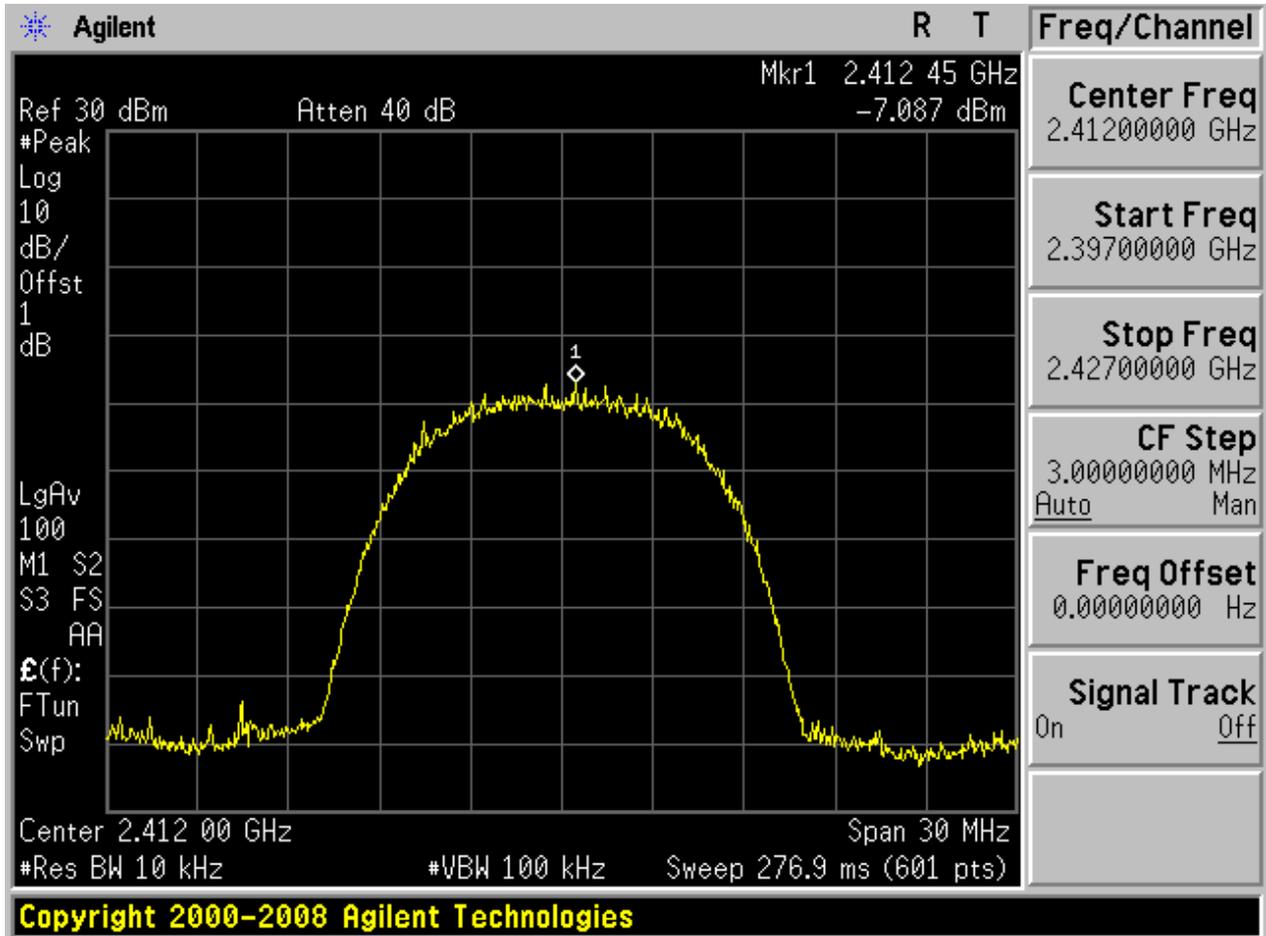
Test Mode	Test Channel	Frequency[MHz]	Ant	PD[MHz]	Verdict
11B	L	2412	Ant 1	-7.09	pass
11B	L	2412	Ant 2	-7.05	pass
11B	M	2437	Ant 1	-7.01	pass
11B	M	2437	Ant 2	-6.47	pass
11B	H	2462	Ant 1	-7.19	pass
11B	H	2462	Ant 2	-6.59	pass
11G	L	2412	Ant 1	-9.23	pass
11G	L	2412	Ant 2	-8.94	pass
11G	M	2437	Ant 1	-9.34	pass
11G	M	2437	Ant 2	-9.3	pass
11G	H	2462	Ant 1	-9.91	pass
11G	H	2462	Ant 2	-9.04	pass
11N20	L	2412	Ant 1	-9.49	pass
11N20	L	2412	Ant 2	-9.25	pass
11N20	M	2437	Ant 1	-9.96	pass
11N20	M	2437	Ant 2	-9.59	pass
11N20	H	2462	Ant 1	-10.42	pass
11N20	H	2462	Ant 2	-8.73	pass
11N20m	L	2412	Ant 1	-9.27	---
11N20m	L	2412	Ant 2	-10.6	---
11N20m	M	2437	Ant 1	-9.76	---
11N20m	M	2437	Ant 2	-9.64	---
11N20m	H	2462	Ant 1	-10.51	---
11N20m	H	2462	Ant 2	-8.92	---
11N20m	L	2412	Ant 1+2	-6.87	pass
11N20m	M	2437	Ant 1+2	-7.15	pass
11N20m	H	2462	Ant 1+2	-6.69	pass
11N40	L	2422	Ant 1	-12.57	pass
11N40	L	2422	Ant 2	-13.21	pass



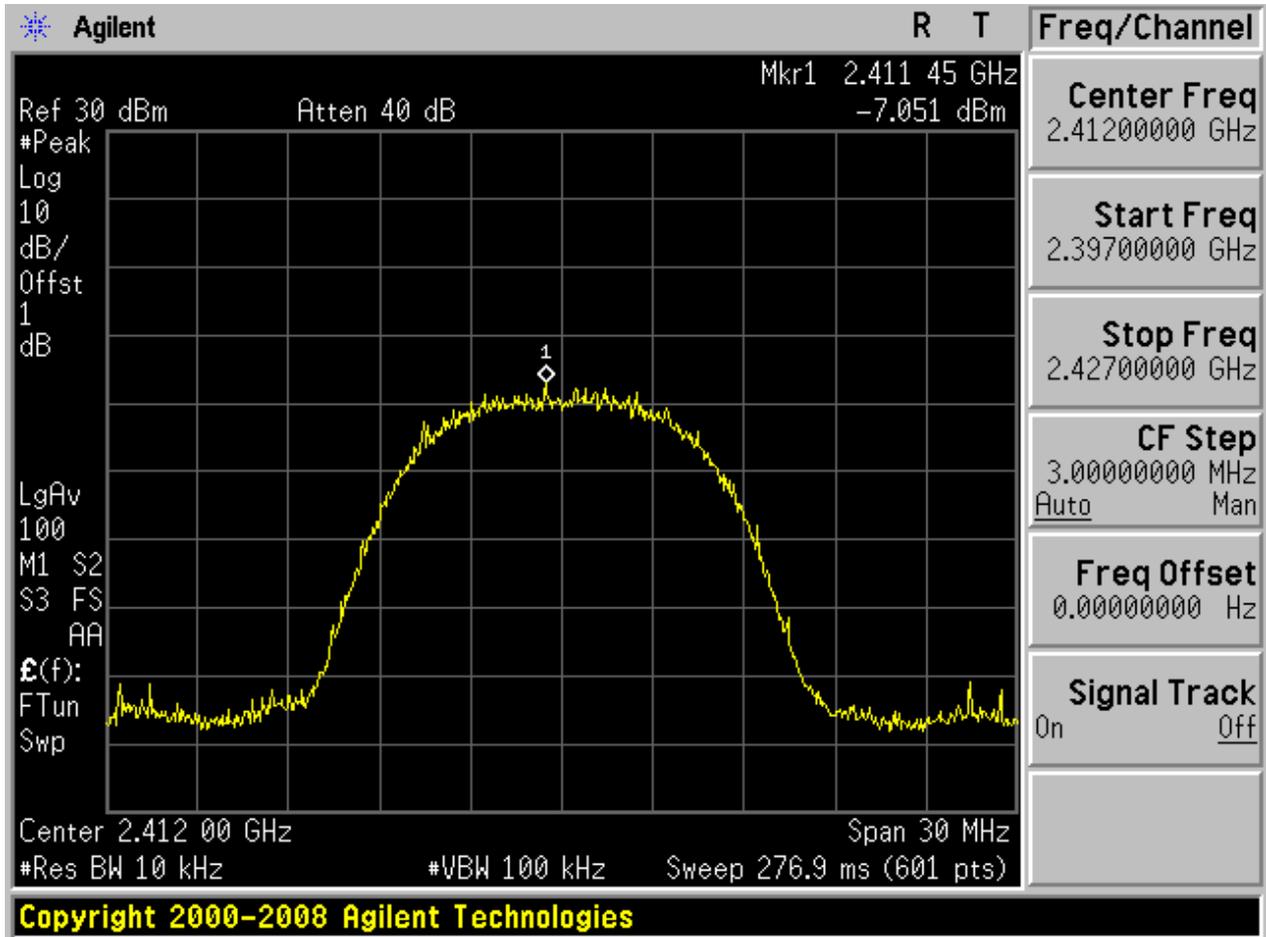
11N40	M	2437	Ant 1	-12.59	pass
11N40	M	2437	Ant 2	-12.3	pass
11N40	H	2452	Ant 1	-13.41	pass
11N40	H	2452	Ant 2	-12.47	pass
11N40m	L	2422	Ant 1	-12.54	---
11N40m	L	2422	Ant 2	-12.54	---
11N40m	M	2437	Ant 1	-13.02	---
11N40m	M	2437	Ant 2	-12.53	---
11N40m	H	2452	Ant 1	-12.31	---
11N40m	H	2452	Ant 2	-12.36	---
11N40m	L	2422	Ant 1+2	-9.53	pass
11N40m	M	2437	Ant 1+2	-9.76	pass
11N40m	H	2452	Ant 1+2	-9.76	pass

## Part II - Test Plots

### 2.1 11B\_L@Ant 1

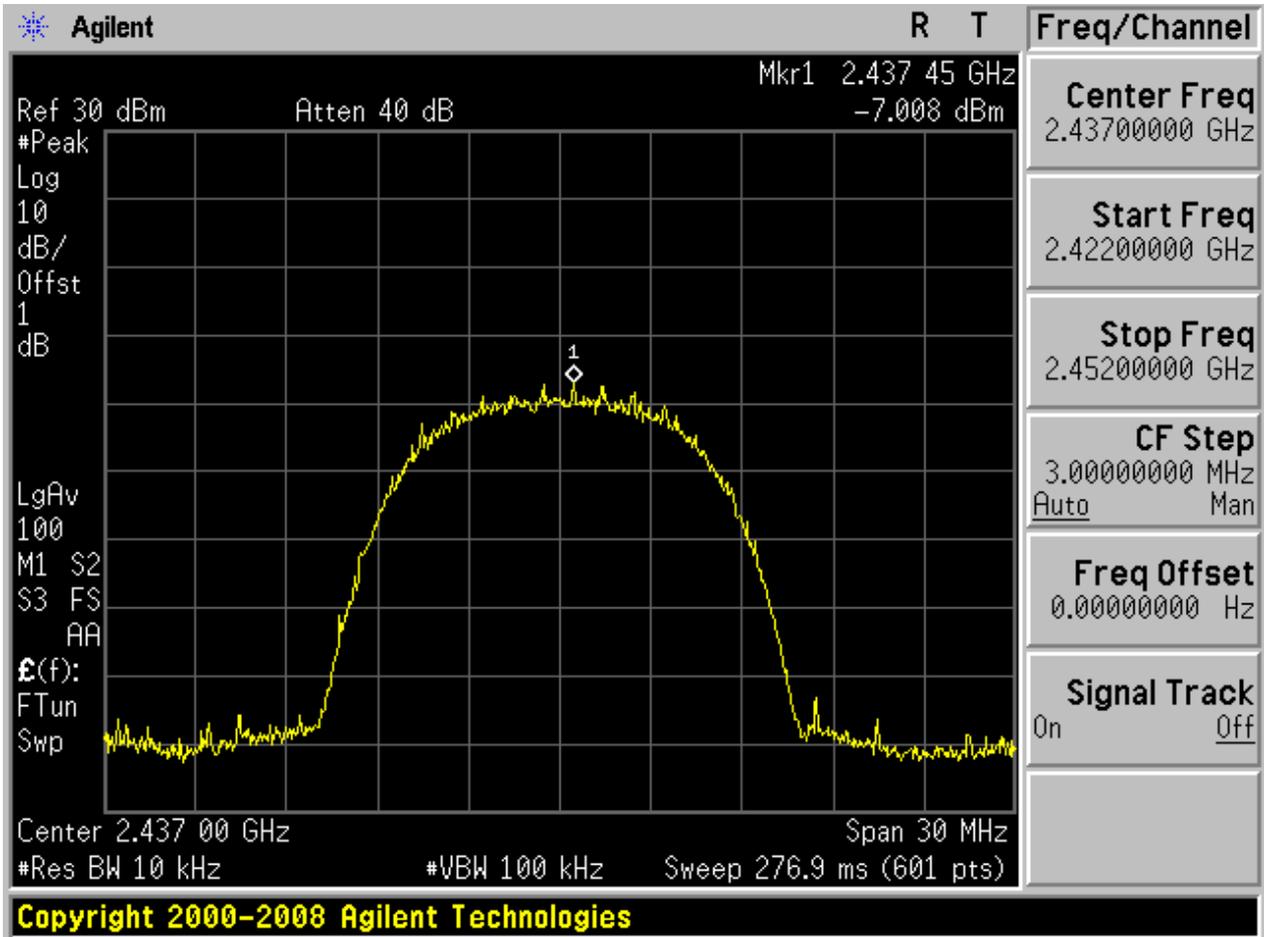


## 2.2 11B\_L@Ant 2

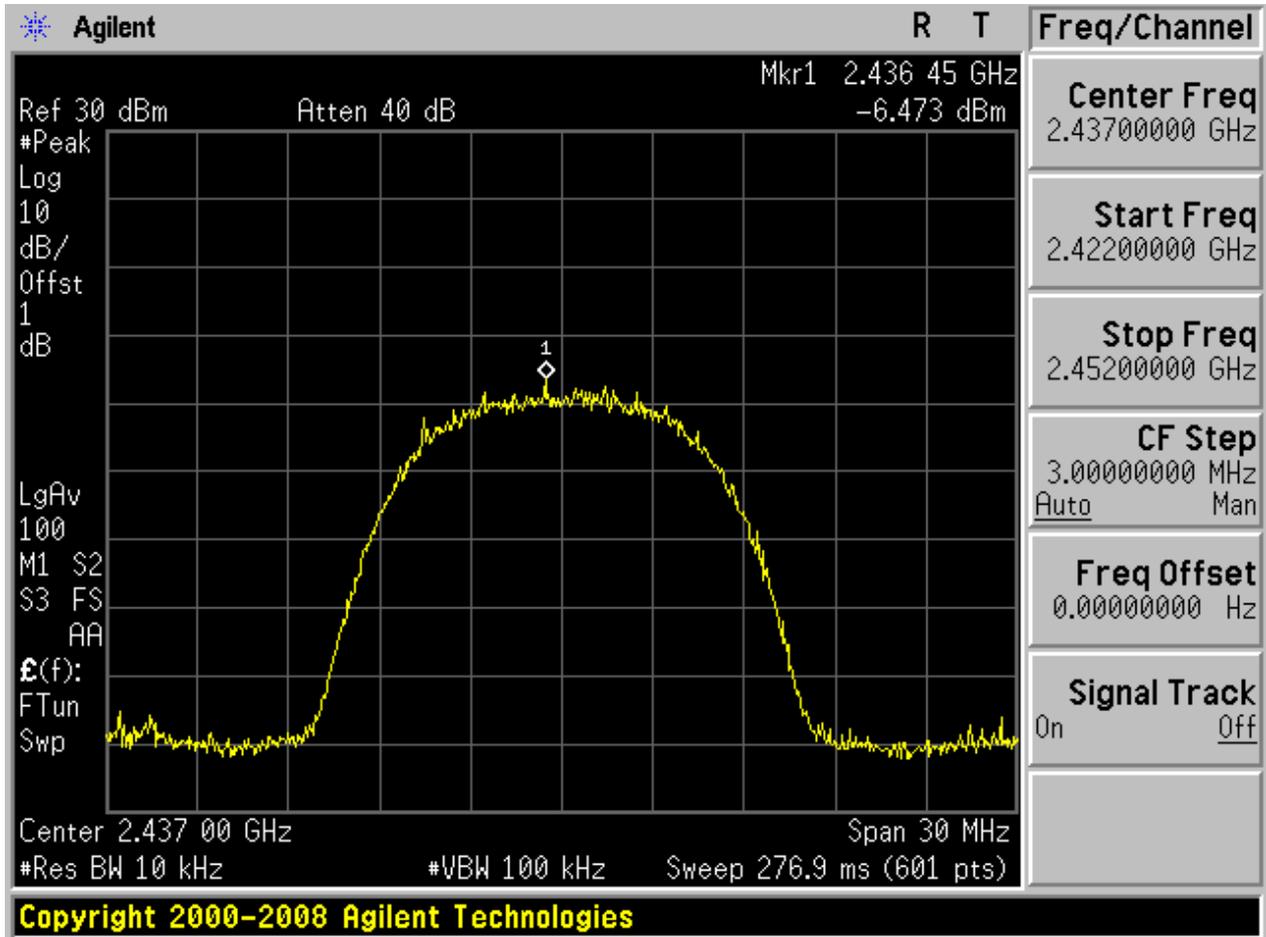




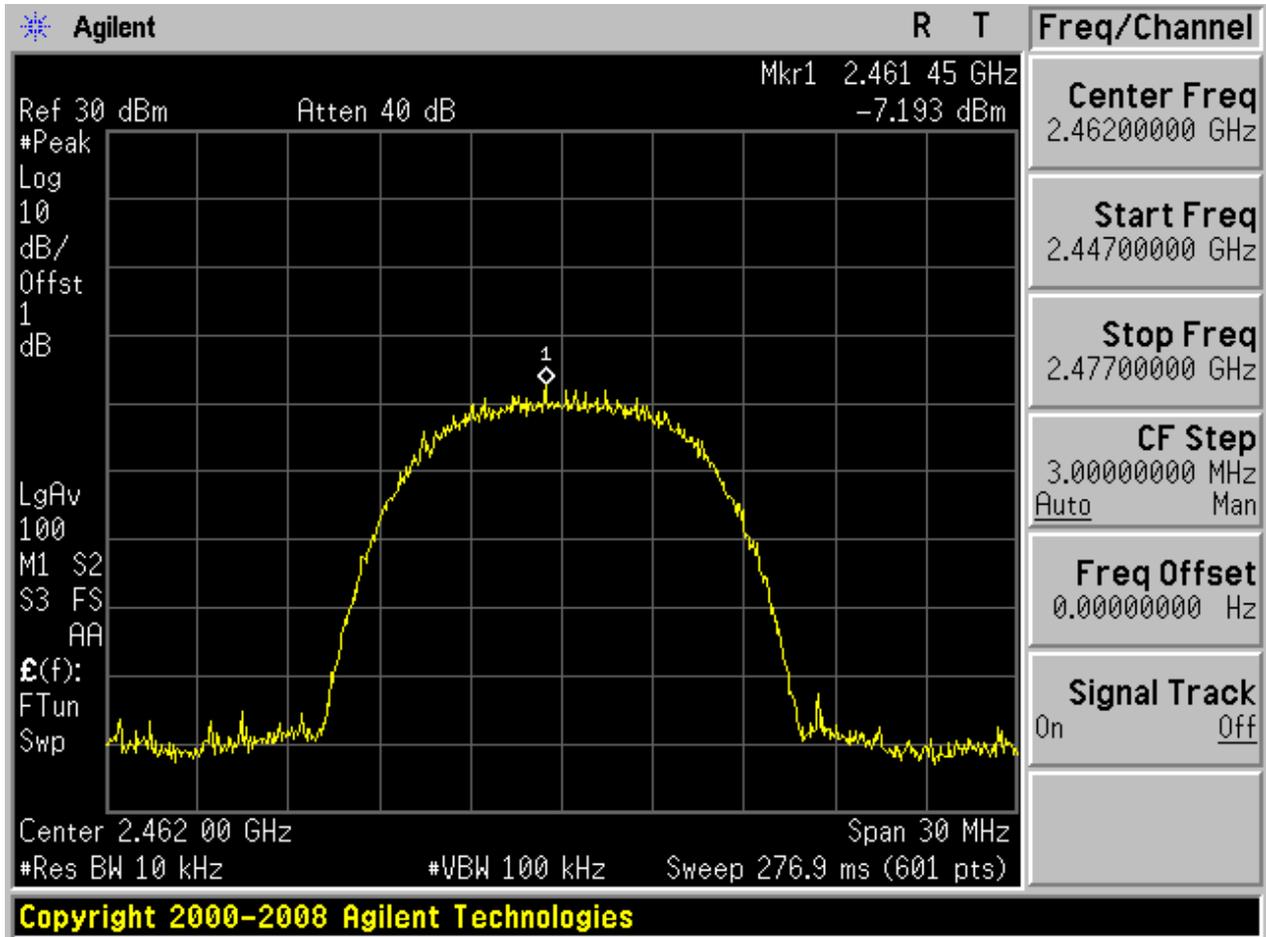
### 2.3 11B\_M@Ant 1



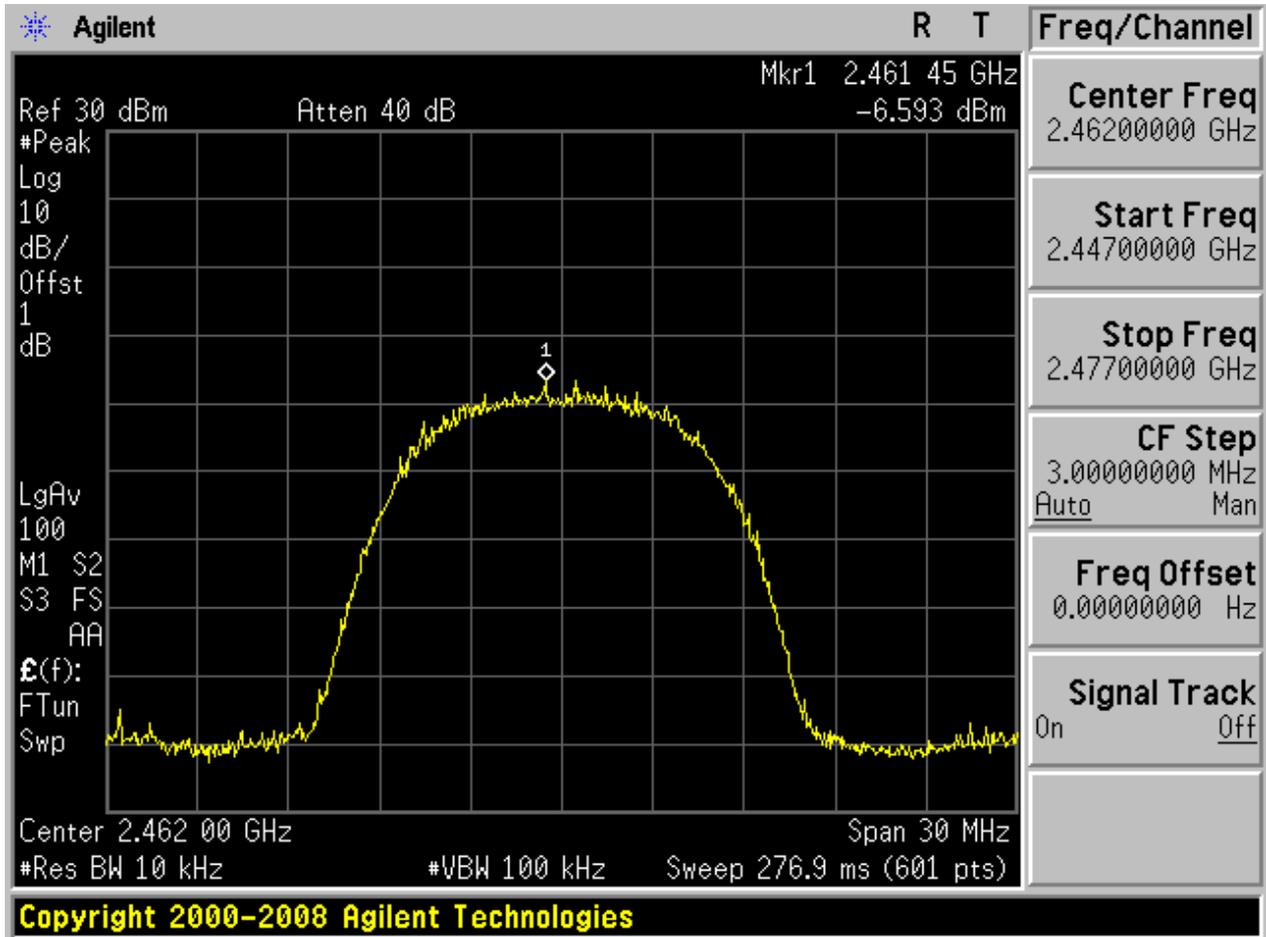
### 2.4 11B\_M@Ant 2



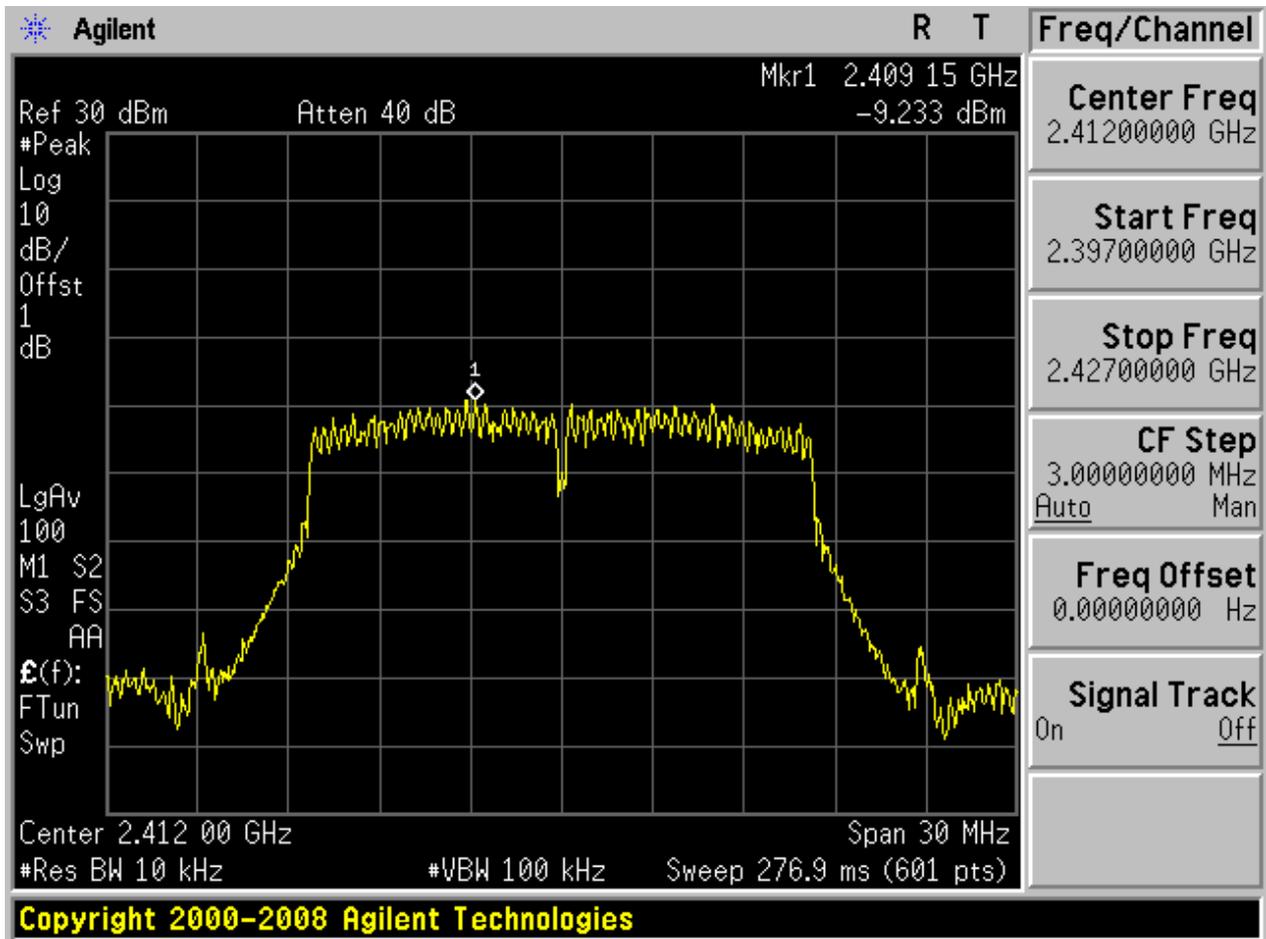
### 2.5 11B\_H@Ant 1



### 2.6 11B\_H@Ant 2

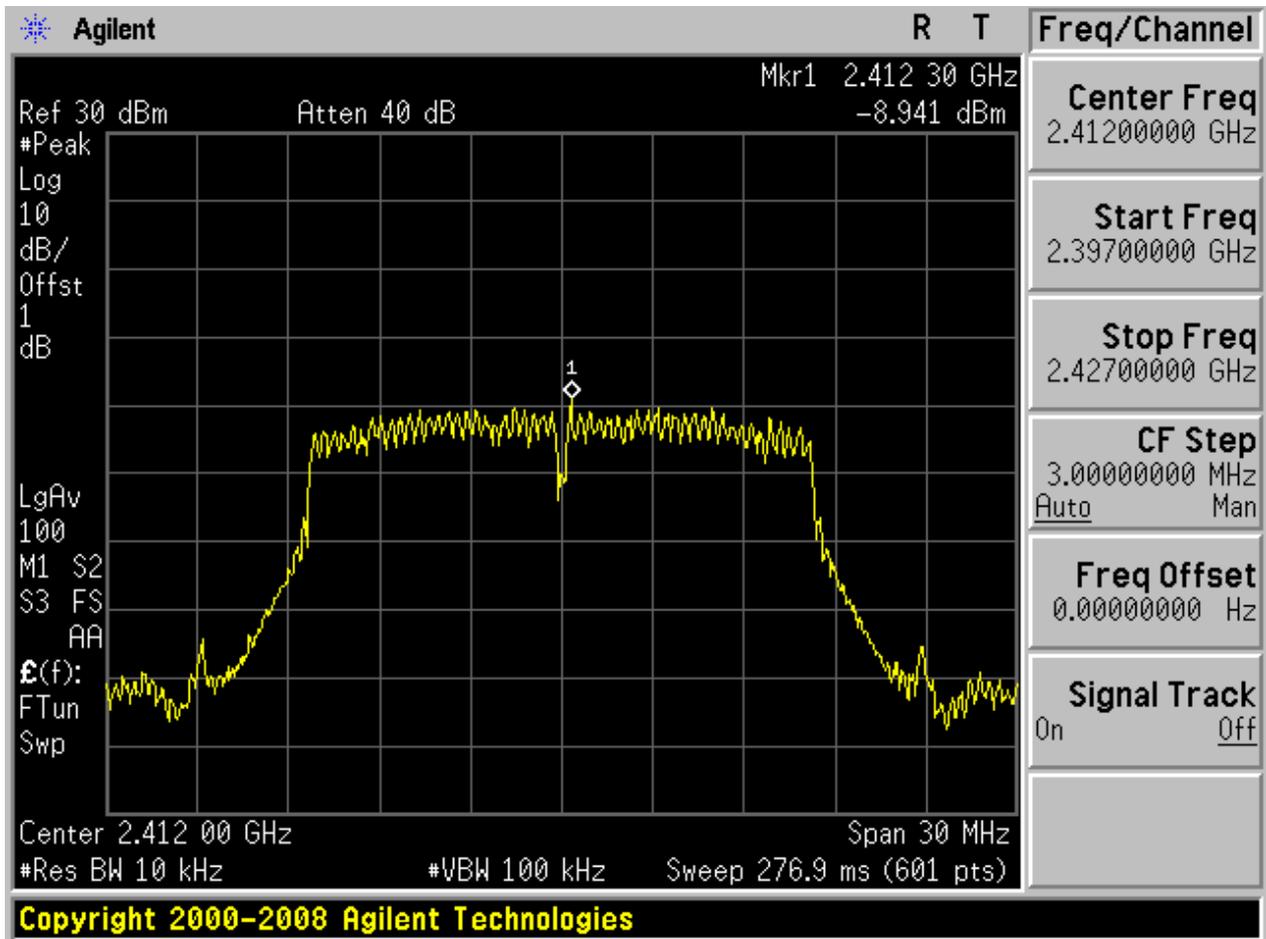


### 2.7 11G\_L@Ant 1

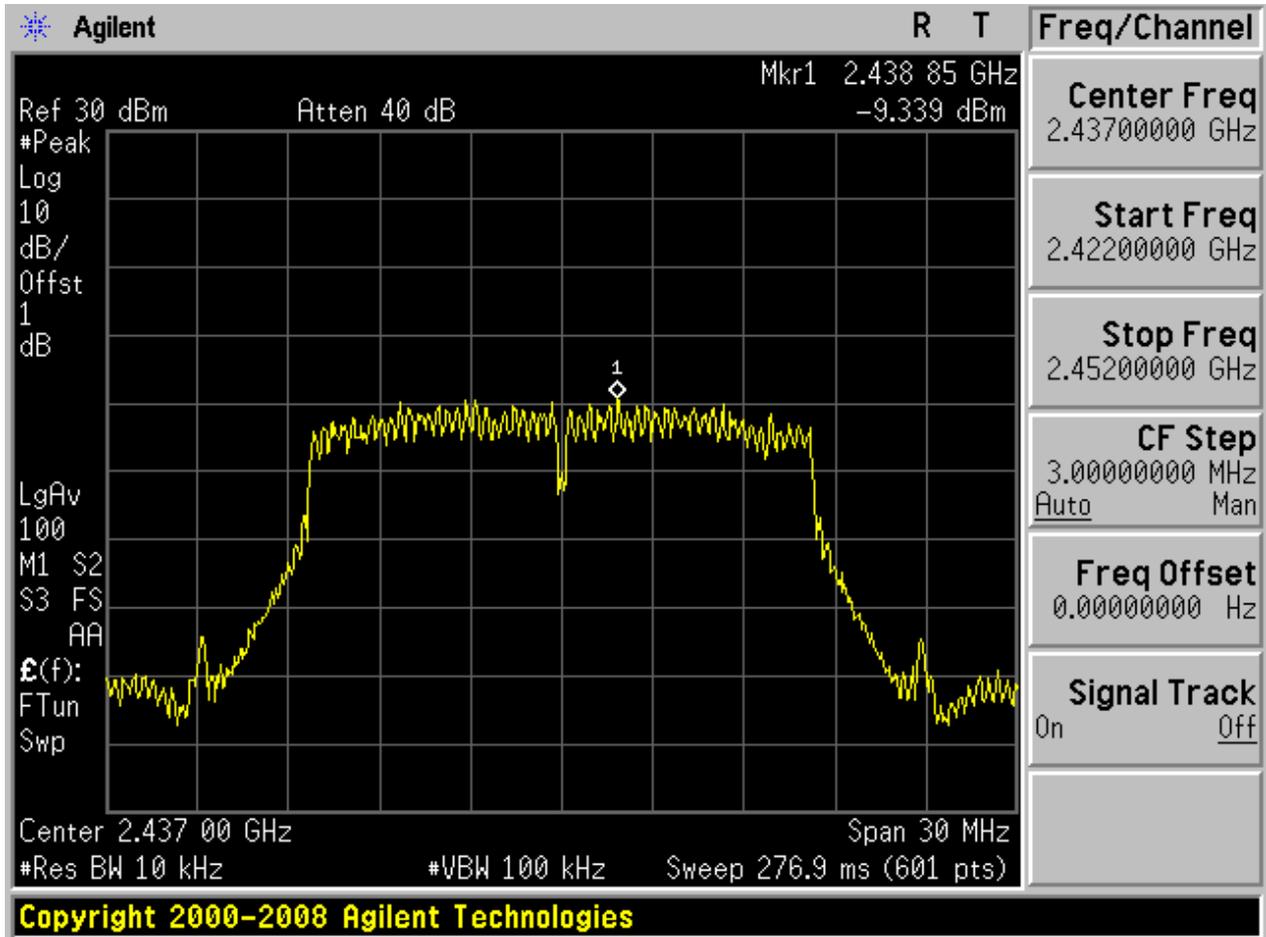




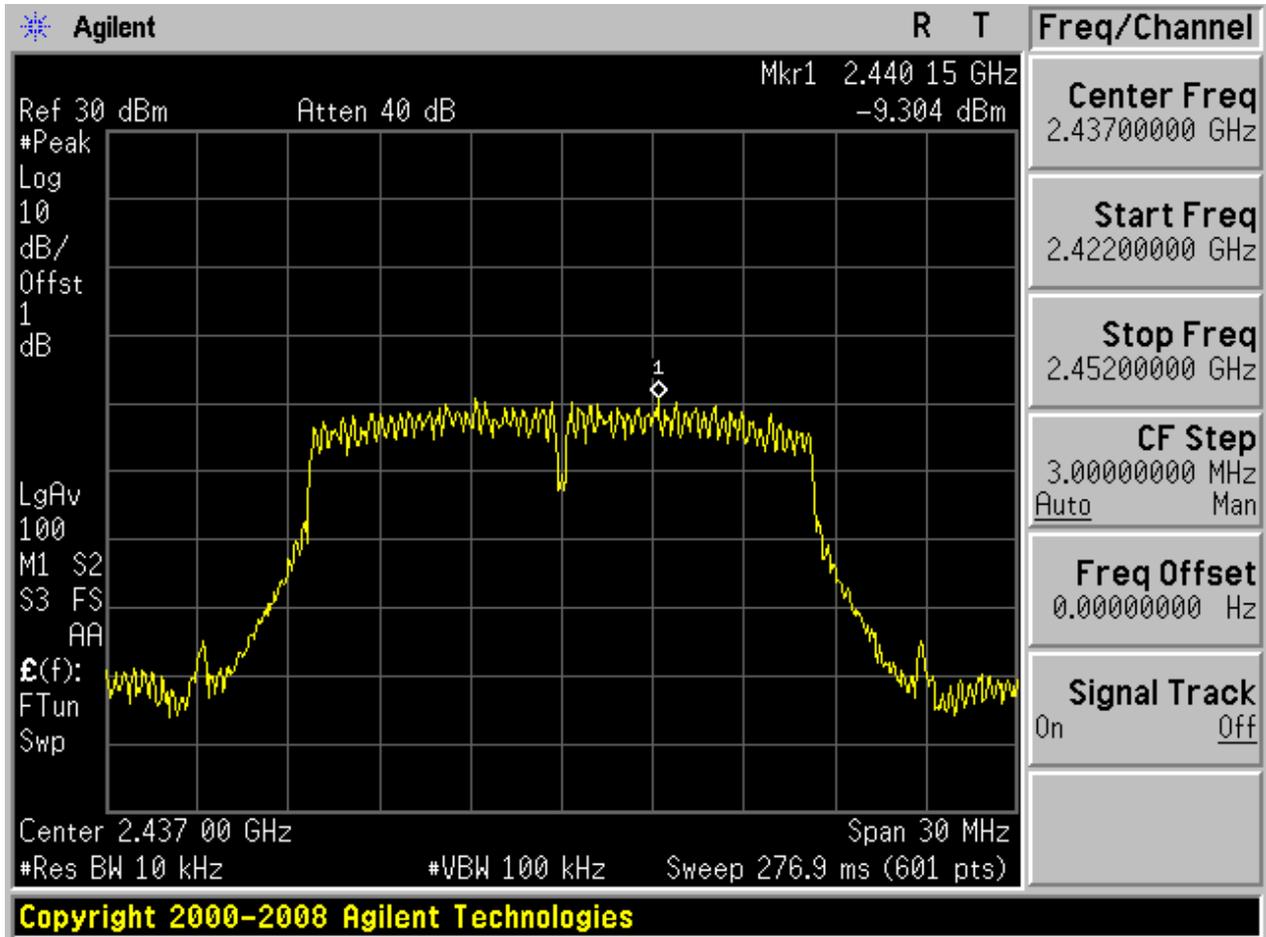
### 2.8 11G\_L@Ant 2



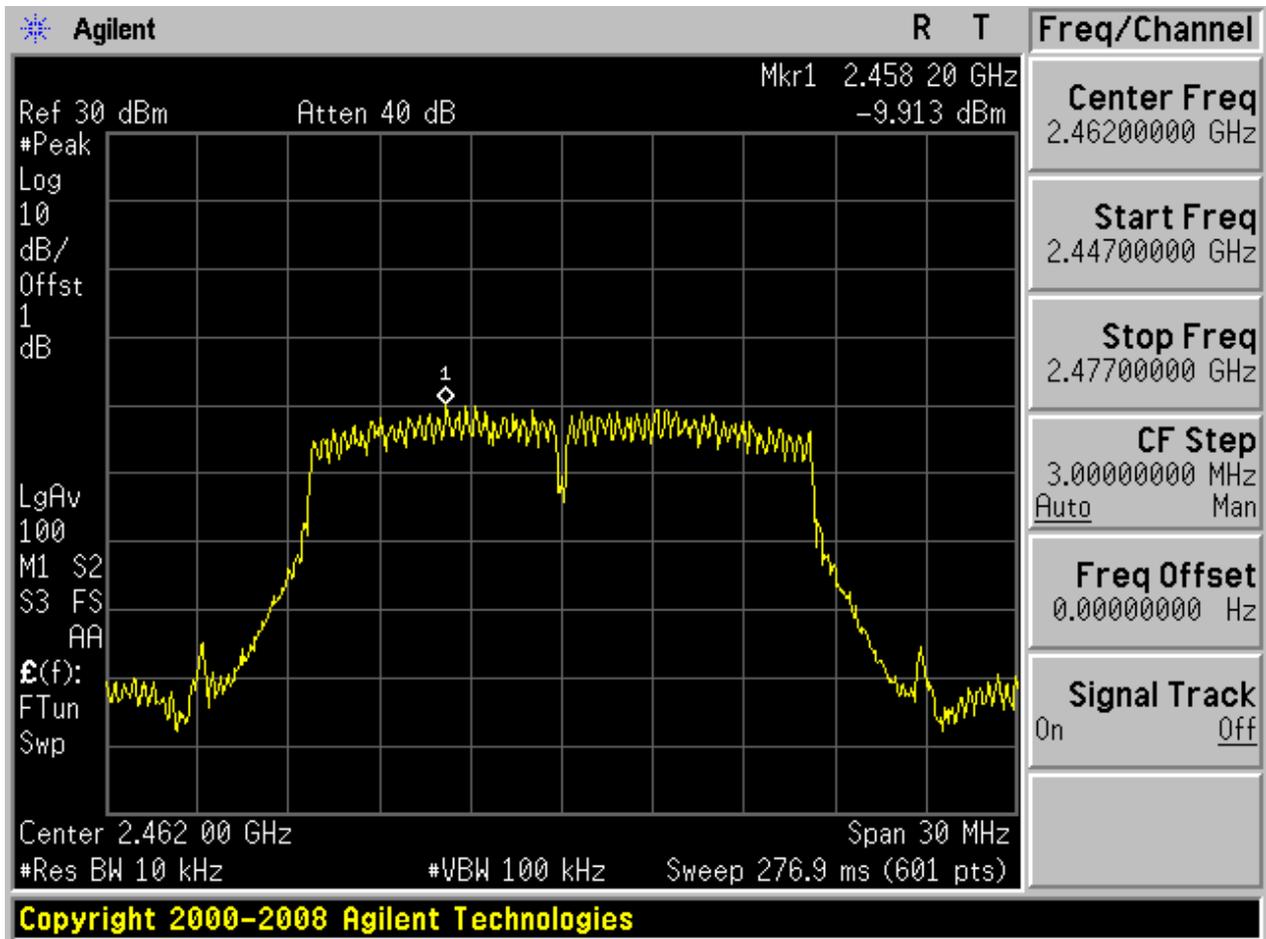
### 2.9 11G\_M@Ant 1



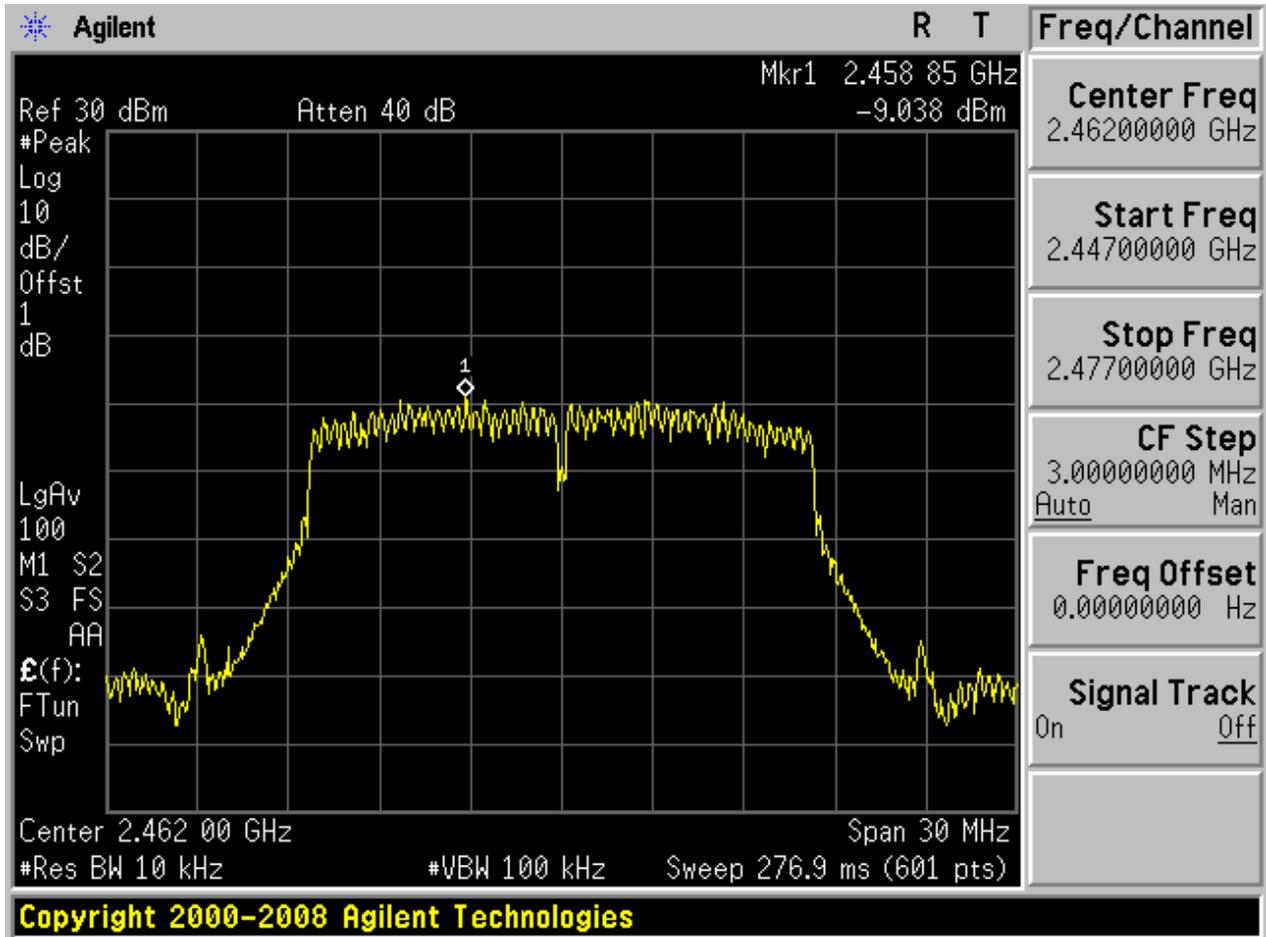
### 2.10 11G\_M@Ant 2



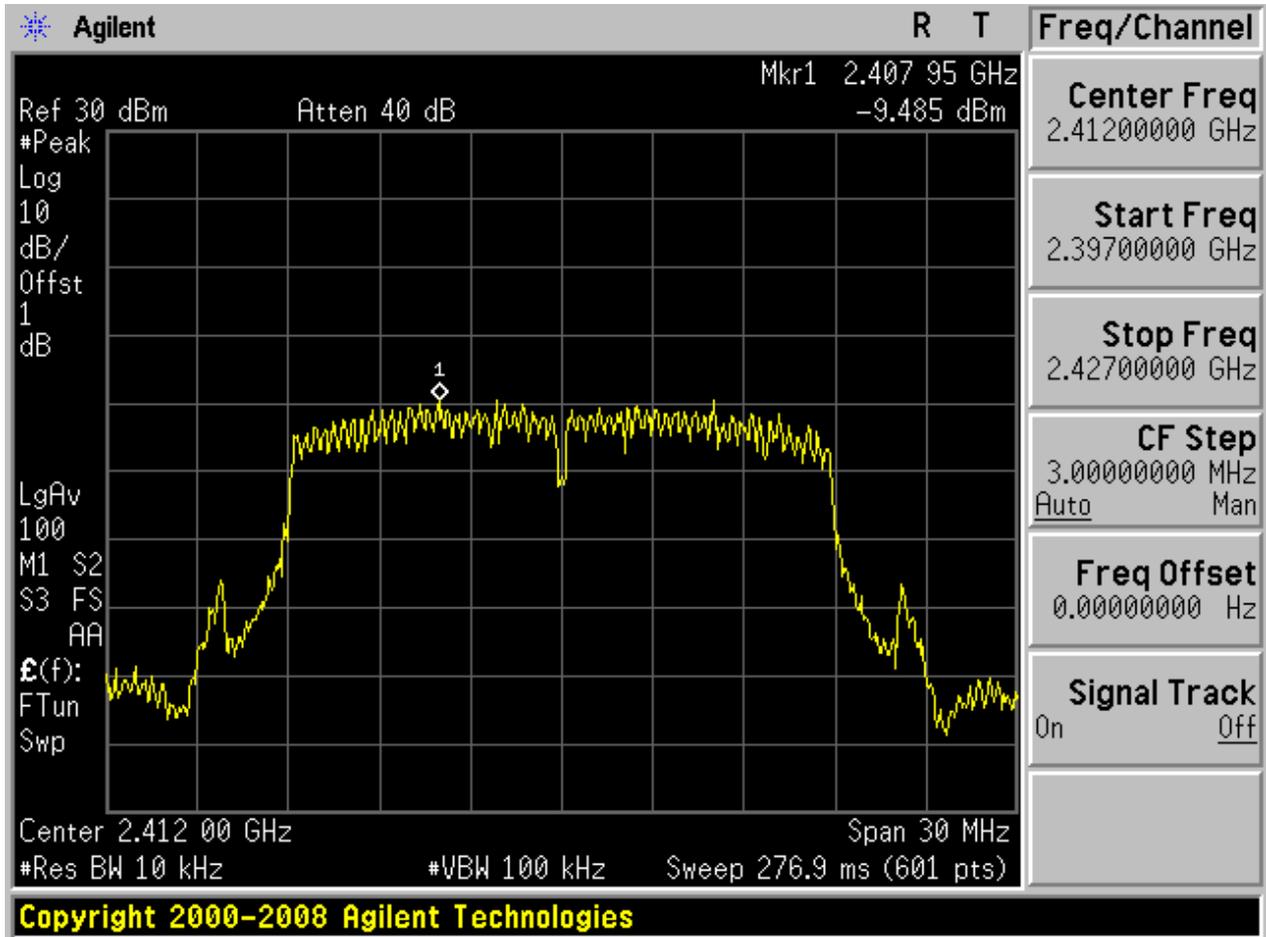
### 2.11 11G\_H@Ant 1



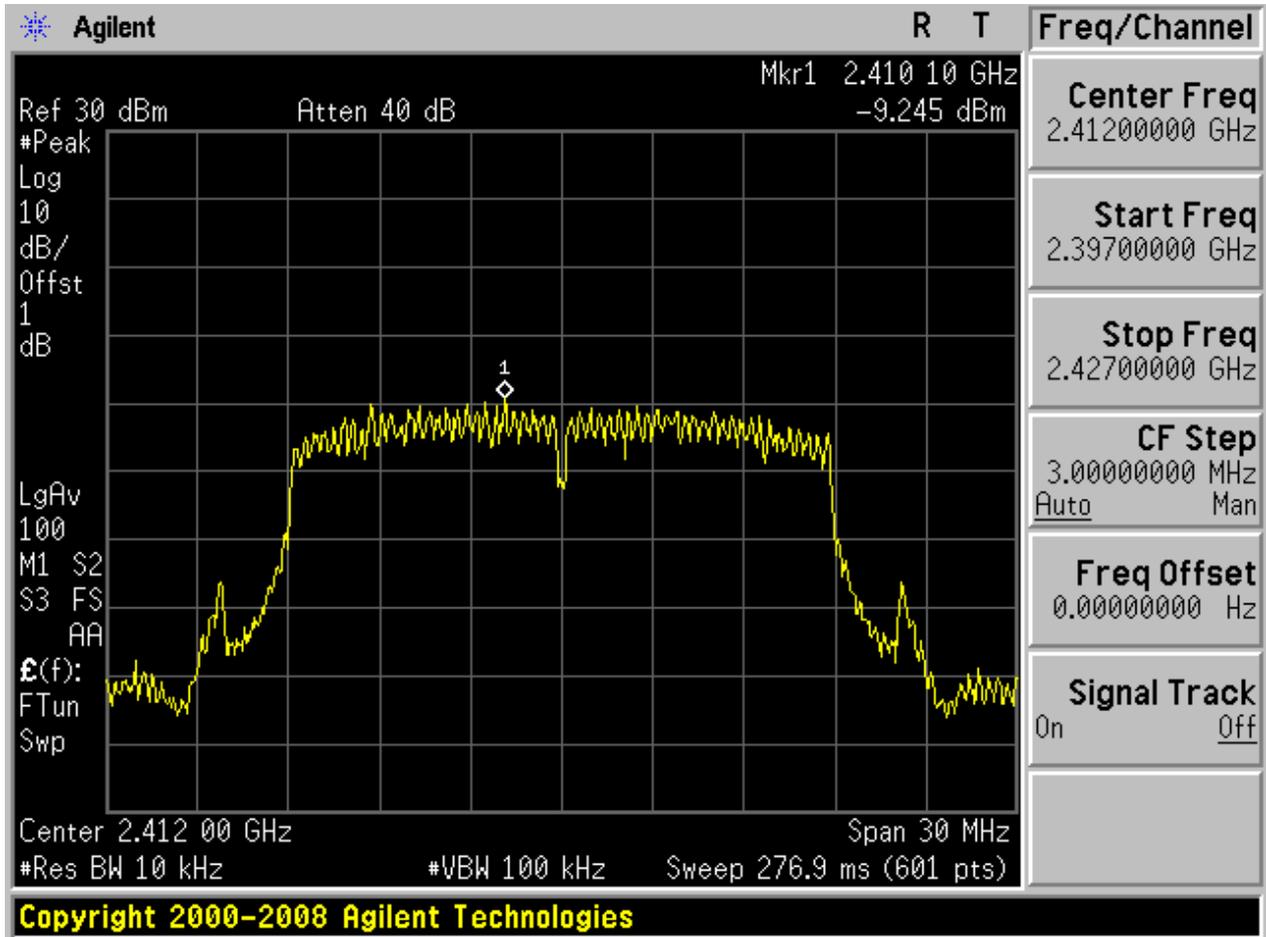
### 2.12 11G\_H@Ant 2



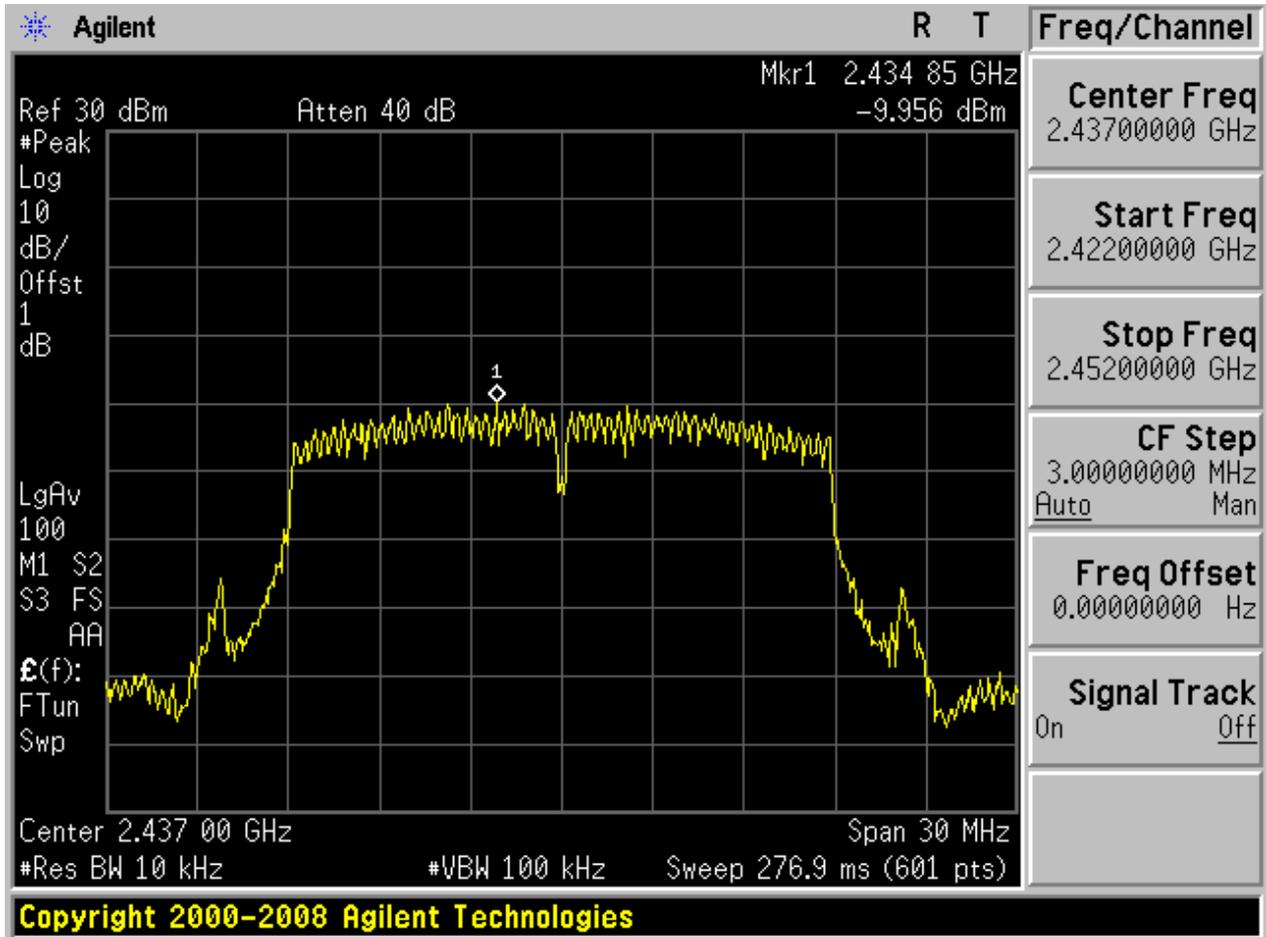
2.13 11N20\_L@Ant 1



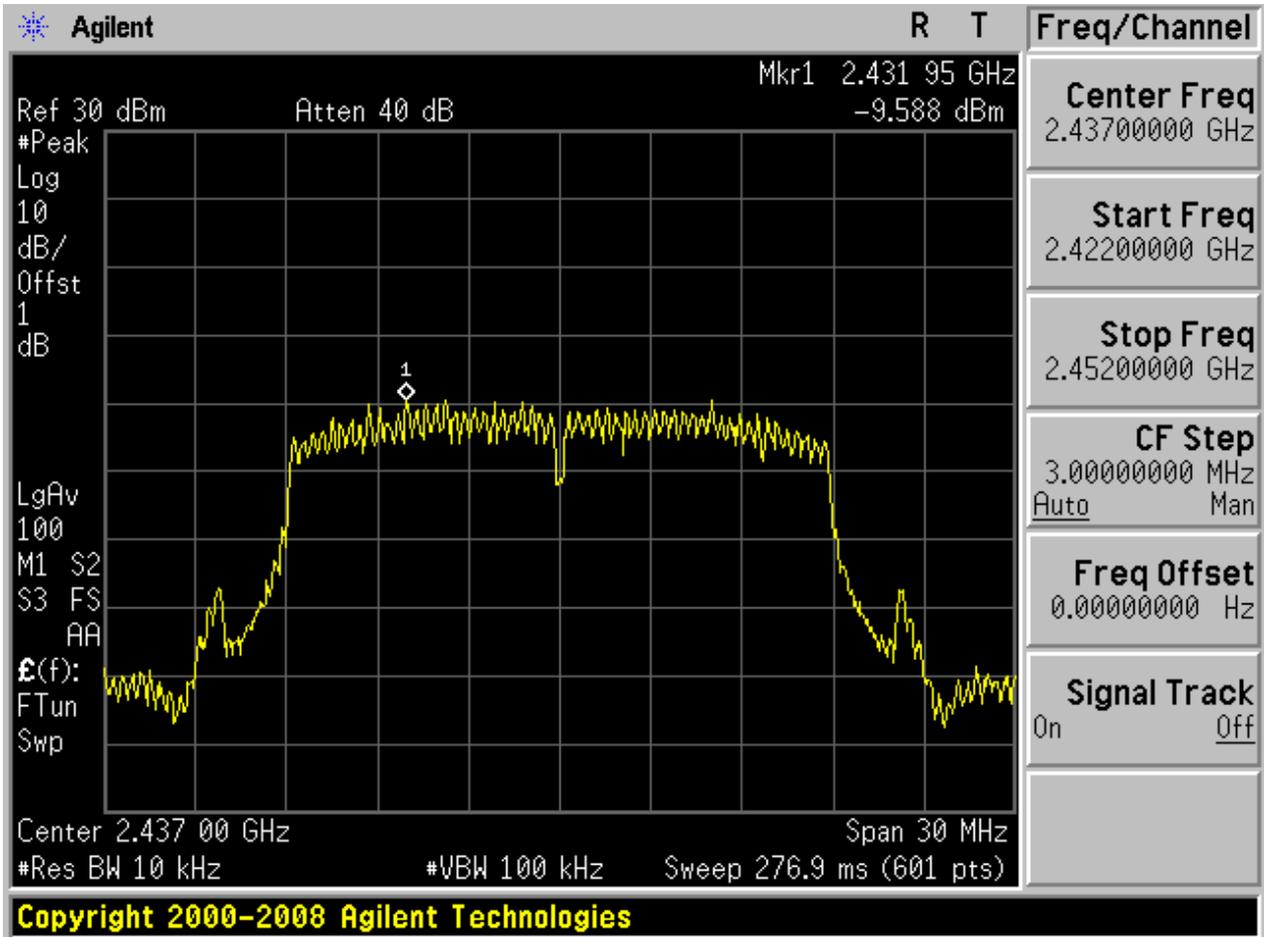
2.14 11N20\_L@Ant 2



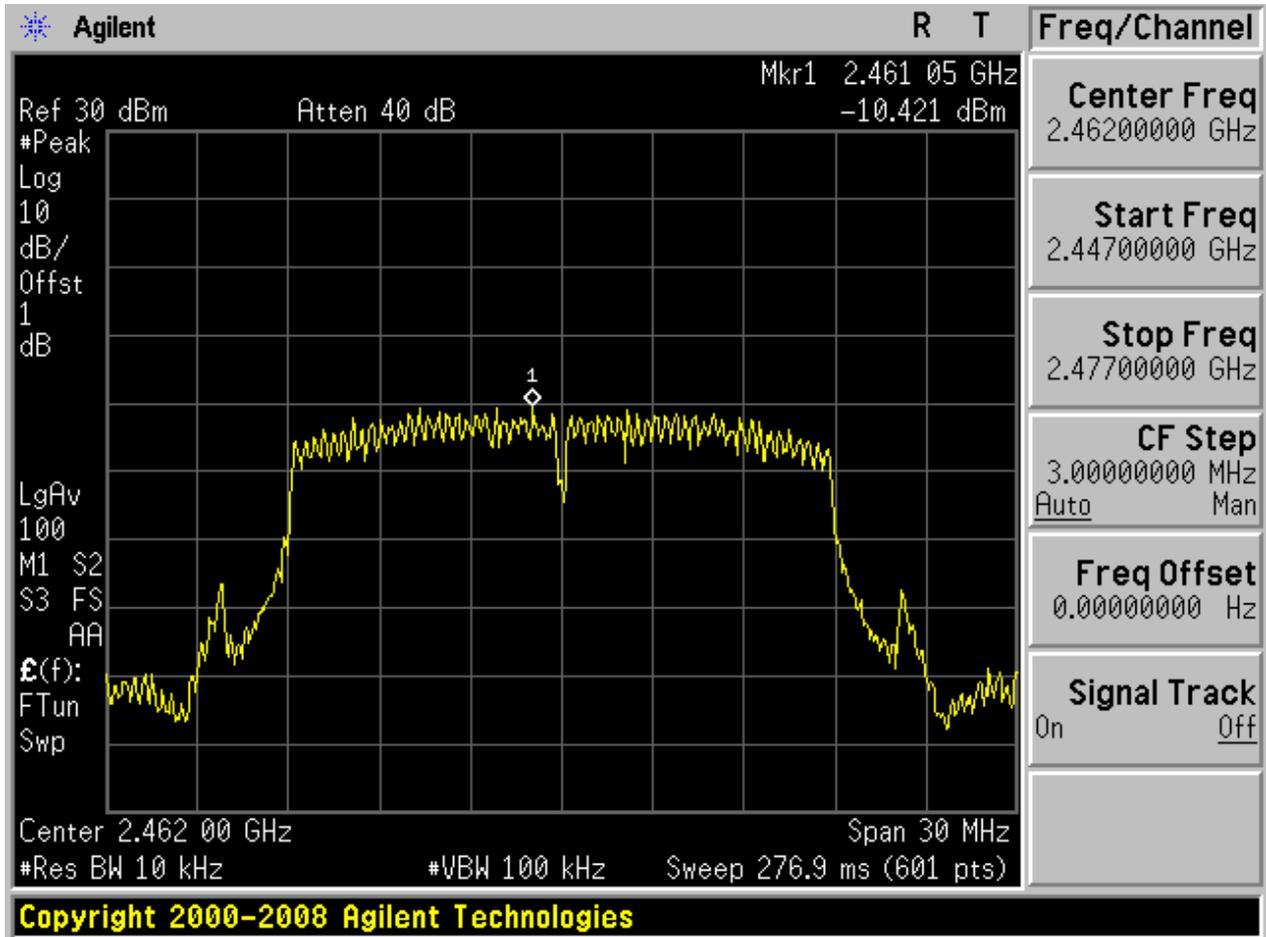
2.15 11N20\_M@Ant 1



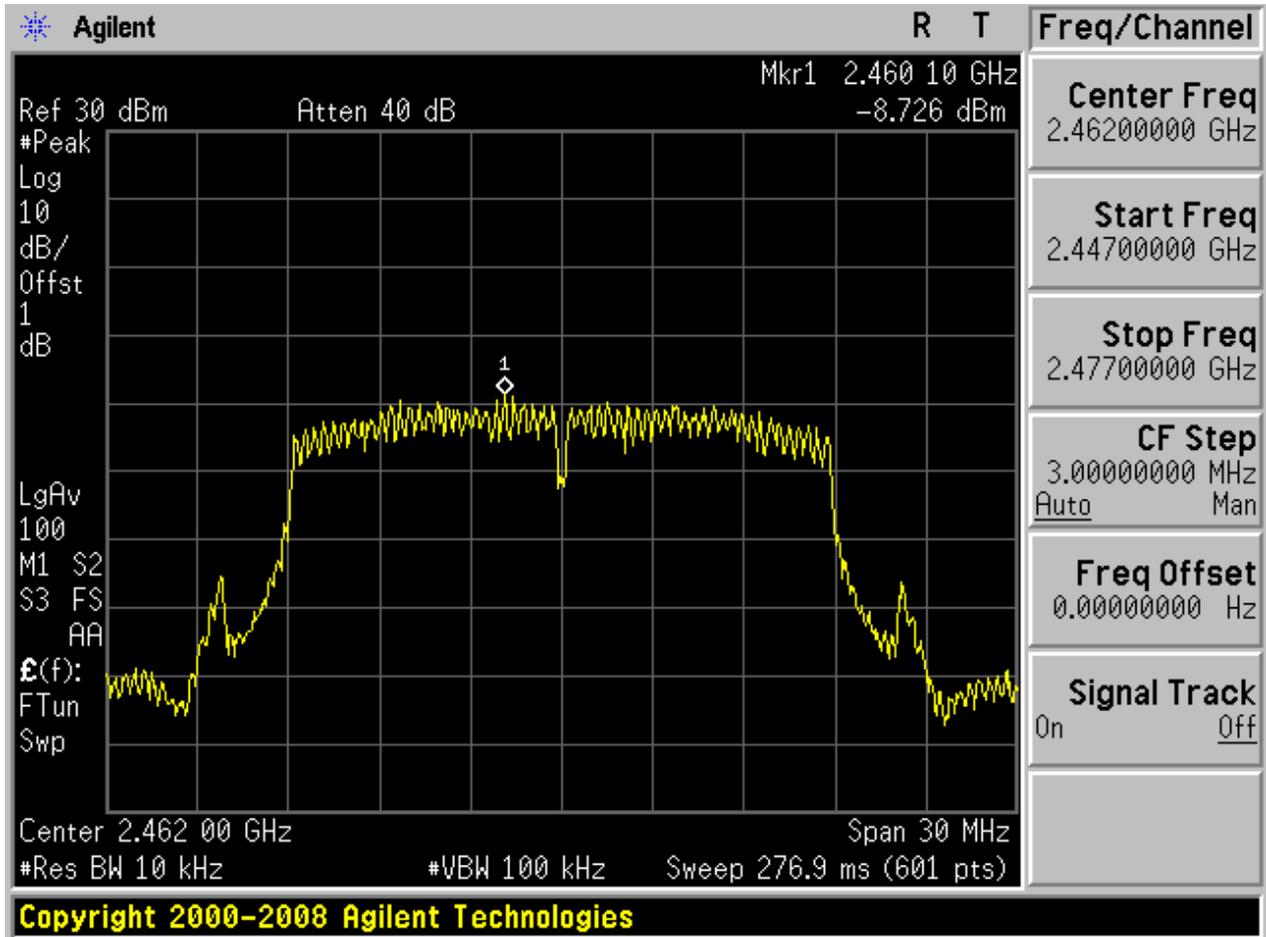
2.16 11N20\_M@Ant 2



2.17 11N20\_H@Ant 1

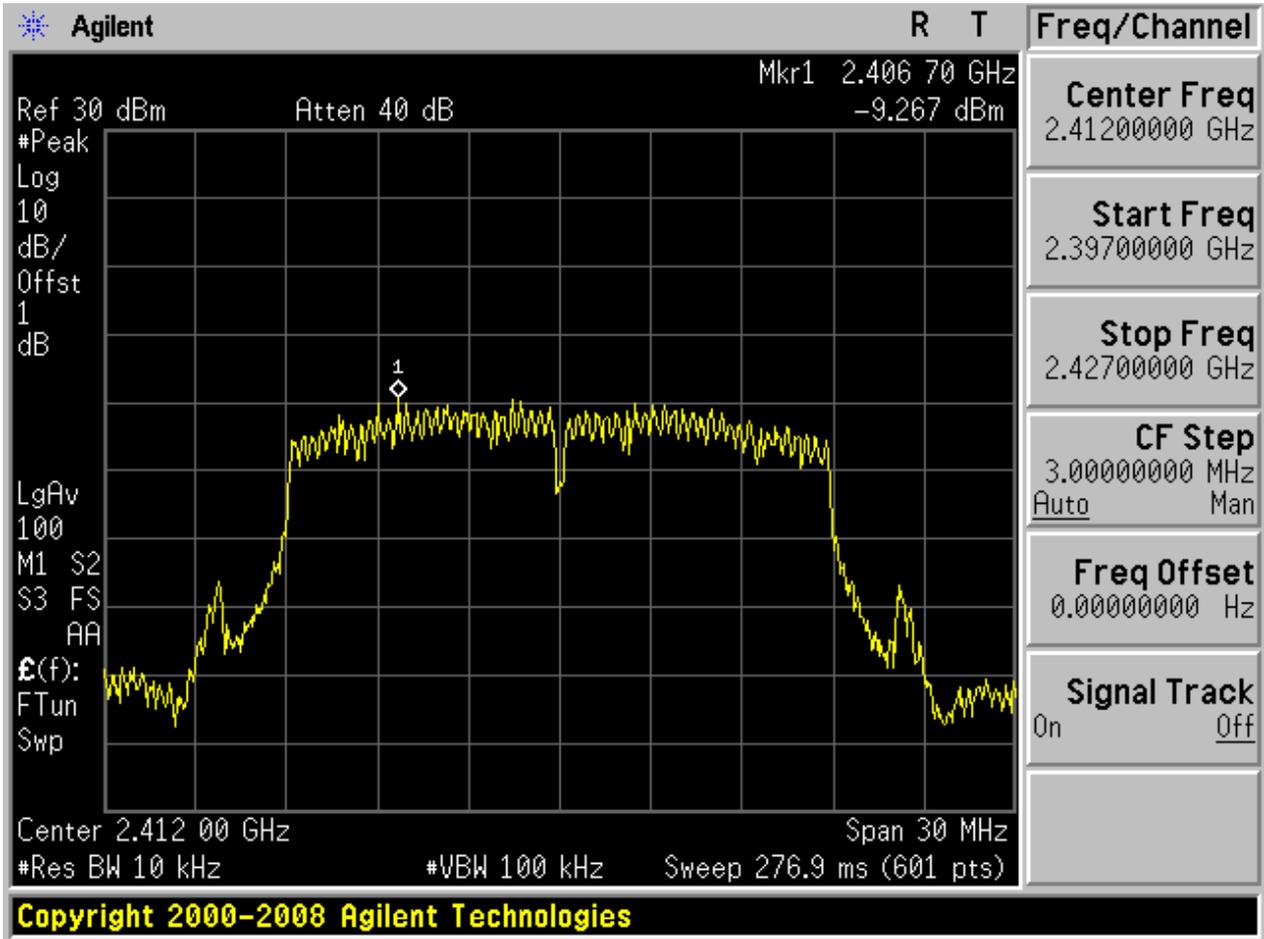


2.18 11N20\_H@Ant 2

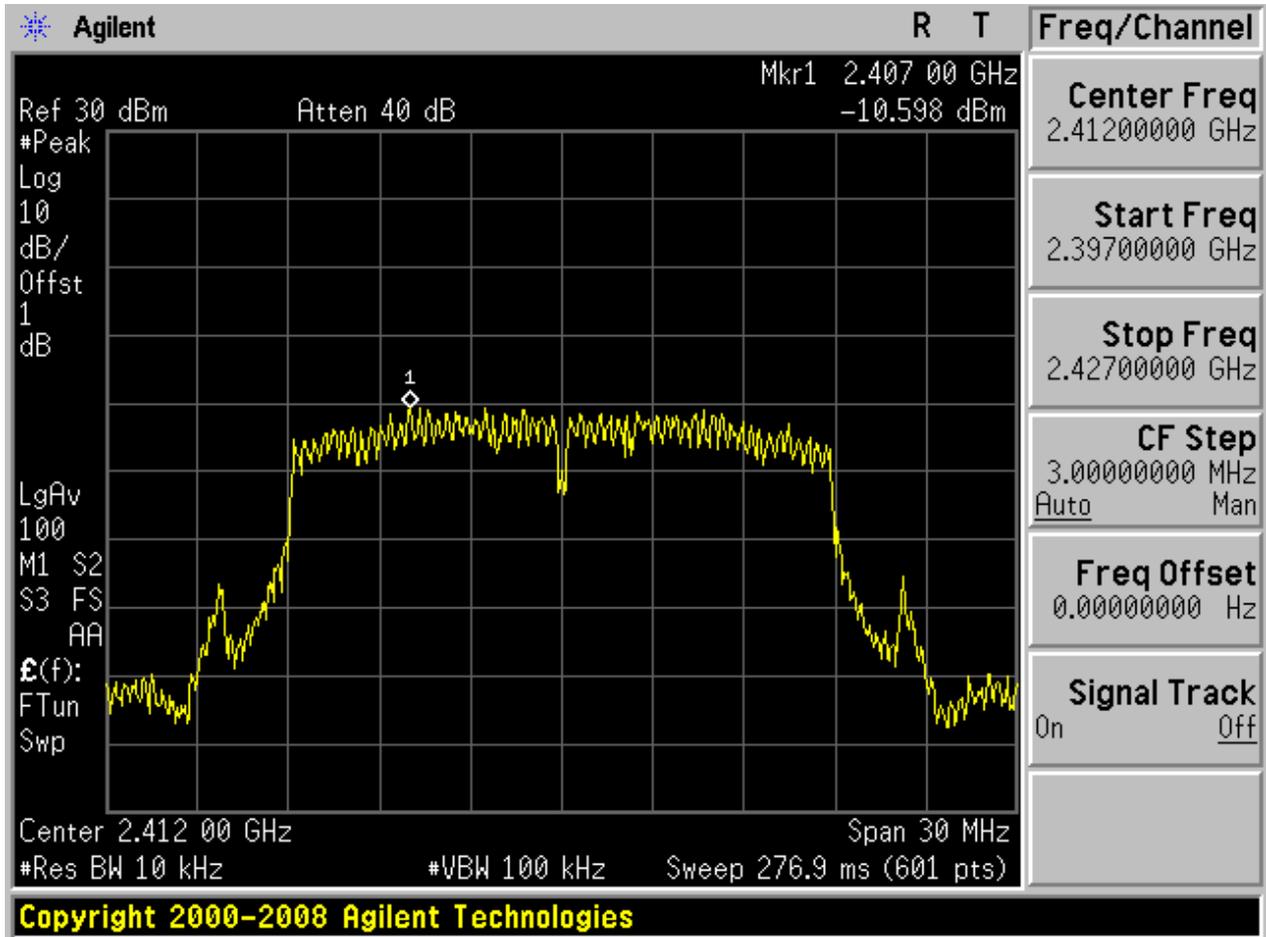




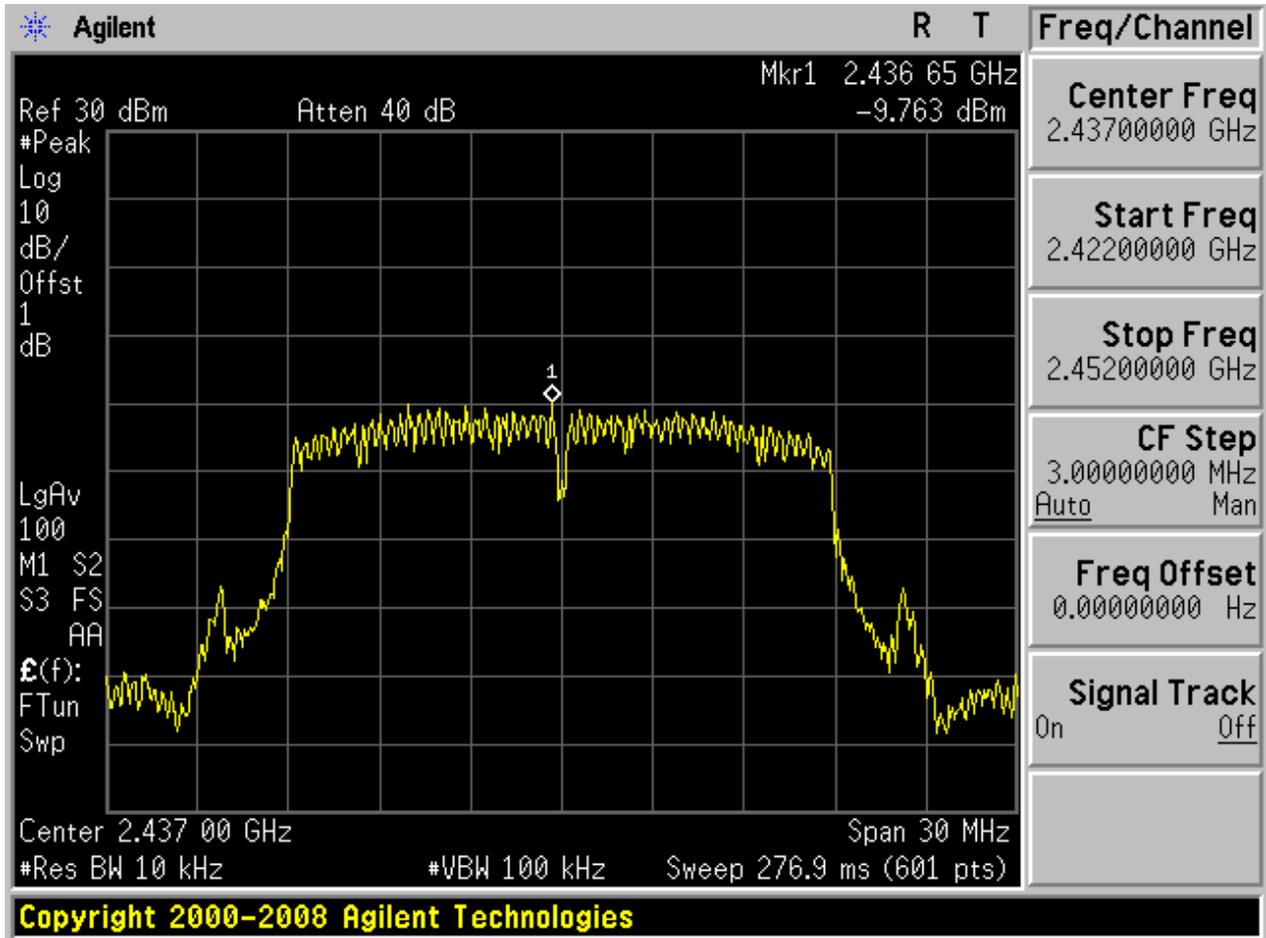
### 2.19 11N20m\_L@Ant 1



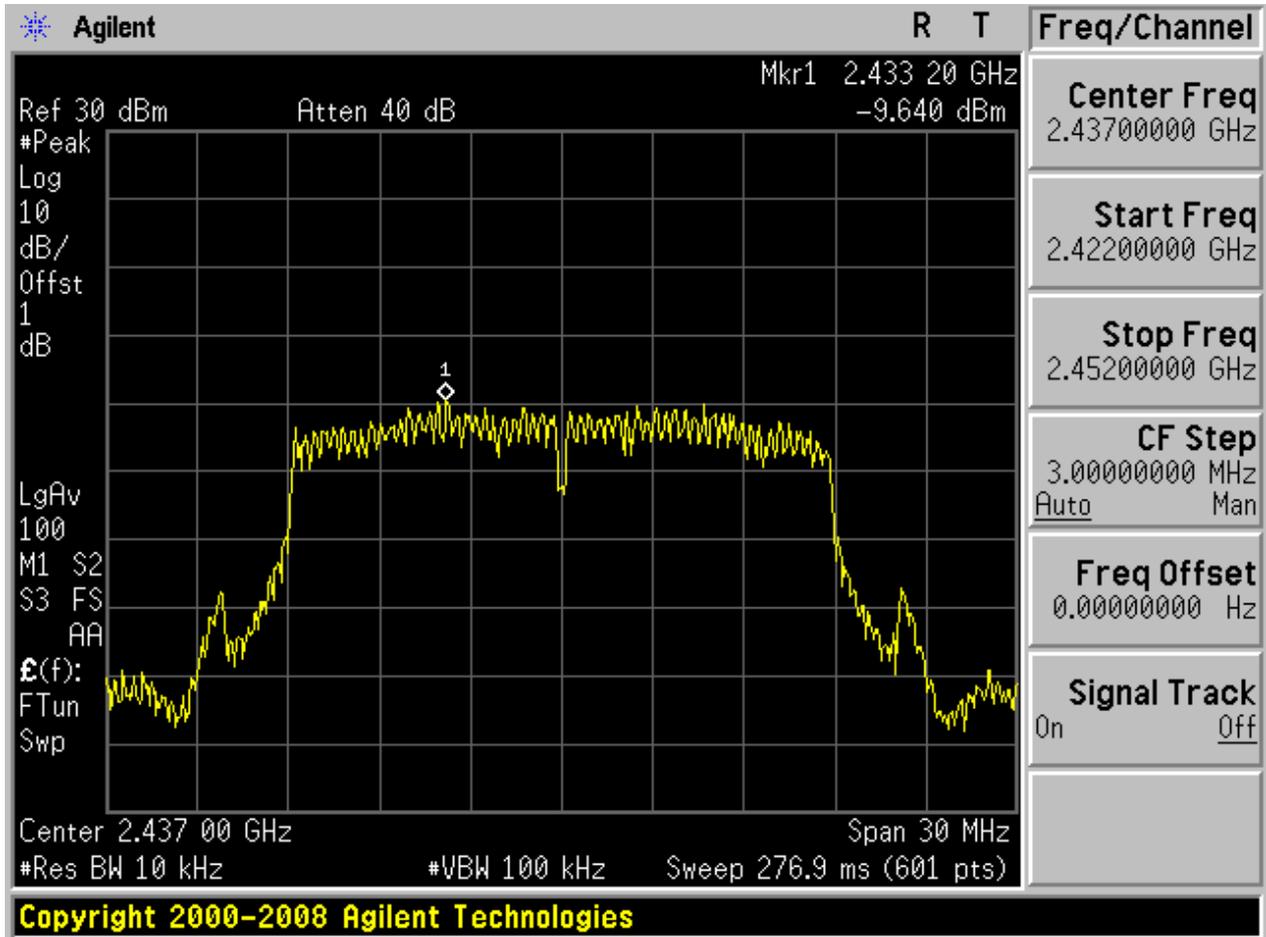
2.20 11N20m\_L@Ant 2



### 2.21 11N20m\_M@Ant 1

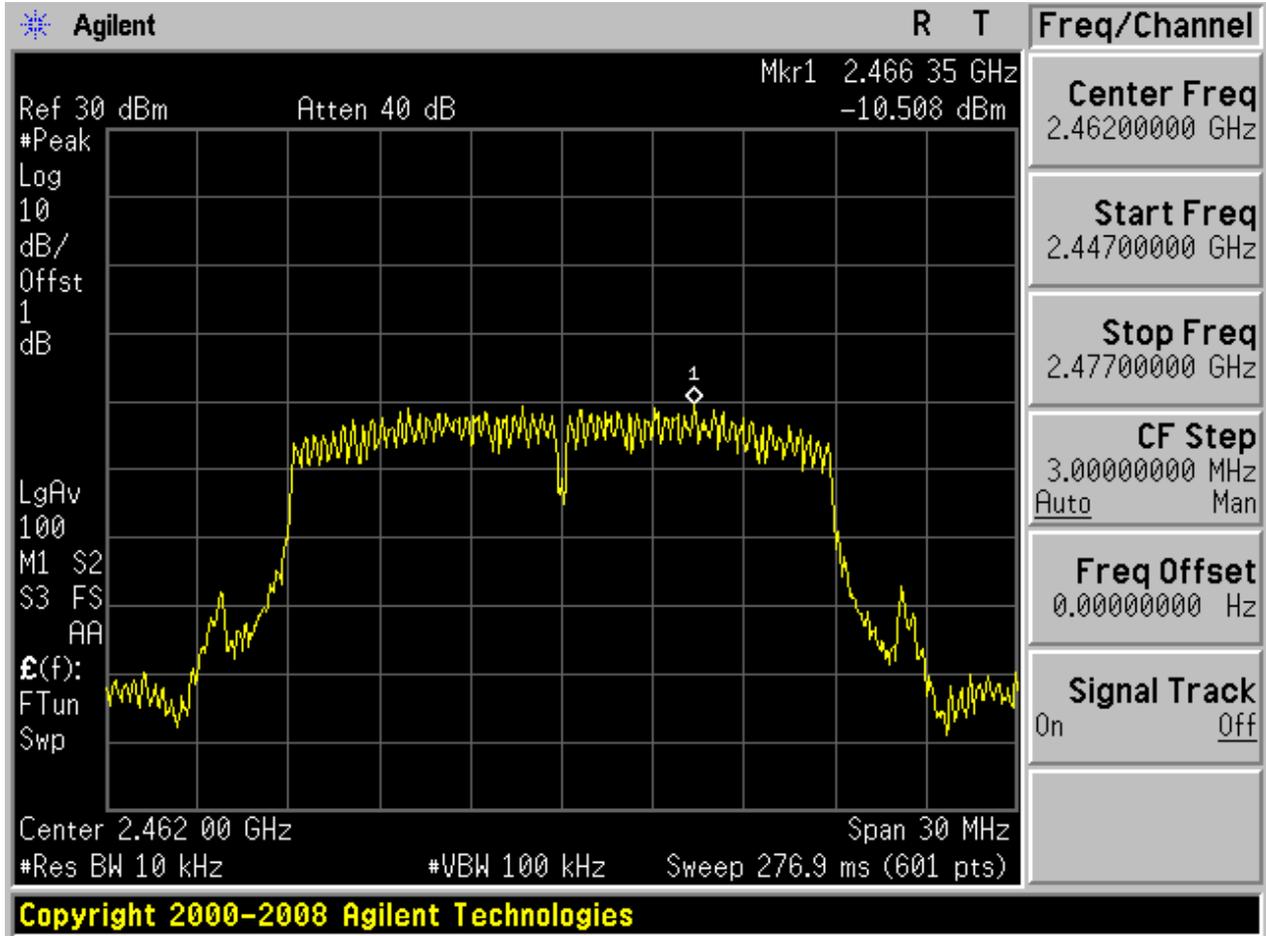


### 2.22 11N20m\_M@Ant 2

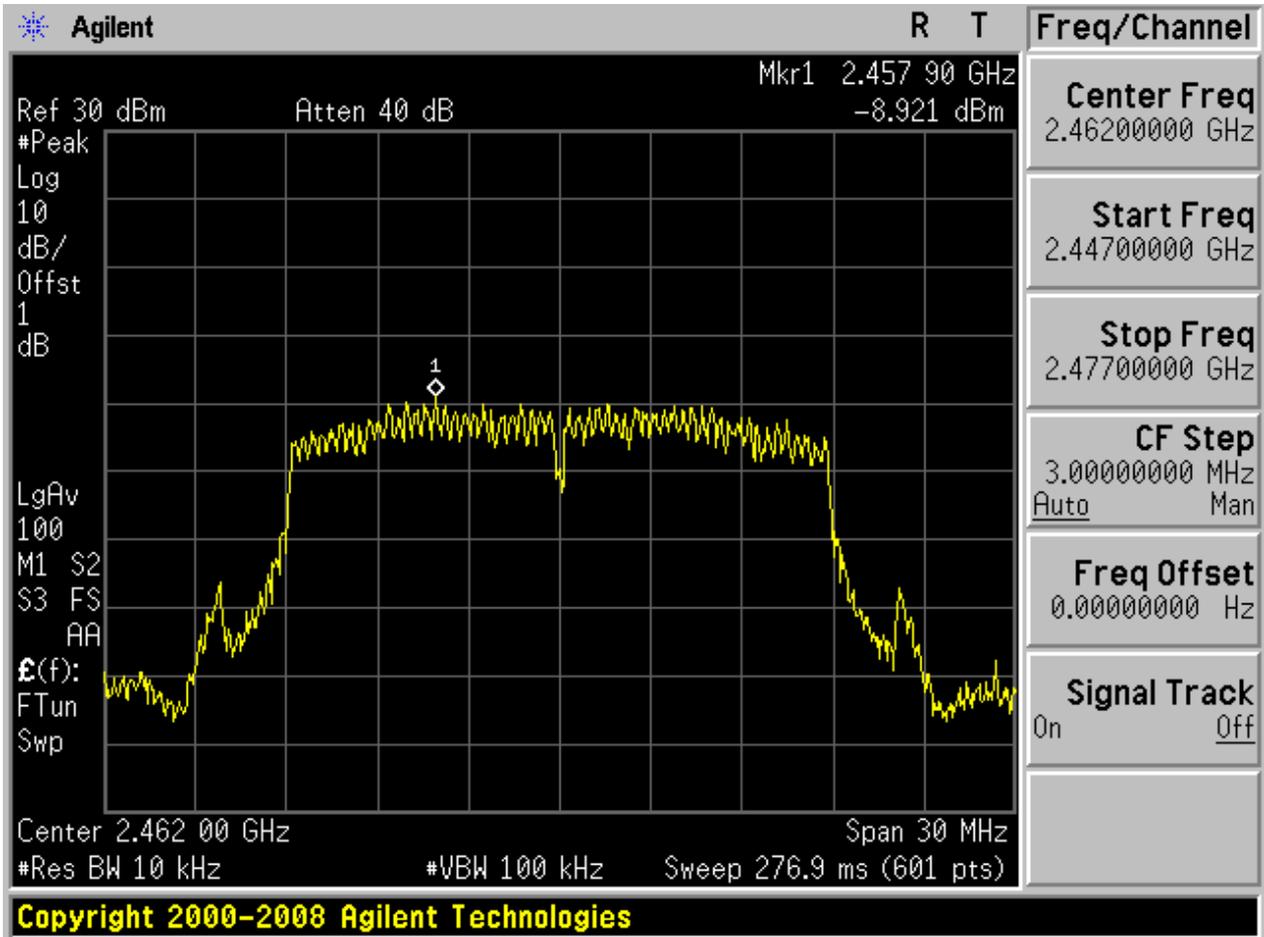




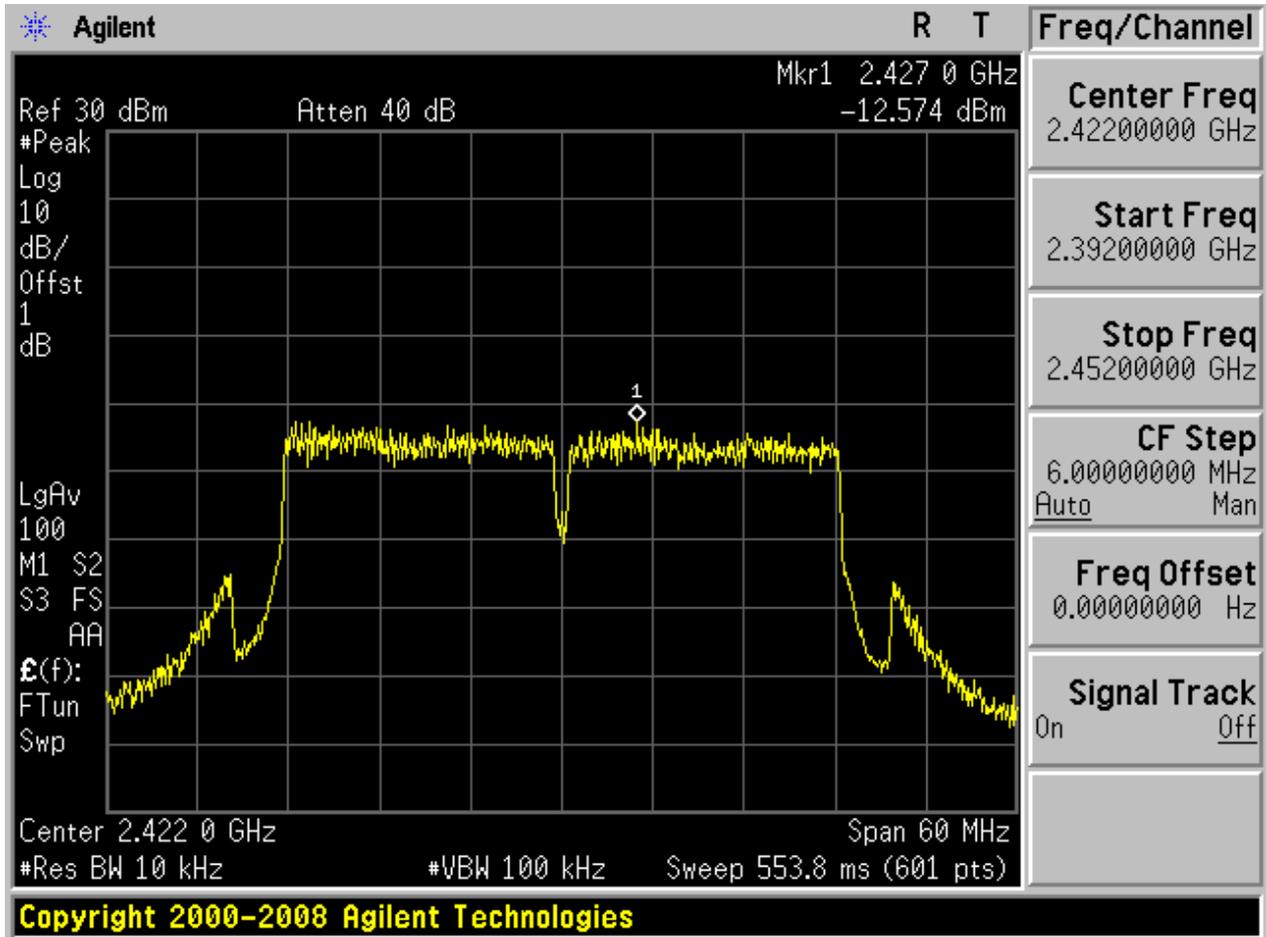
### 2.23 11N20m\_H@Ant 1



2.24 11N20m\_H@Ant 2

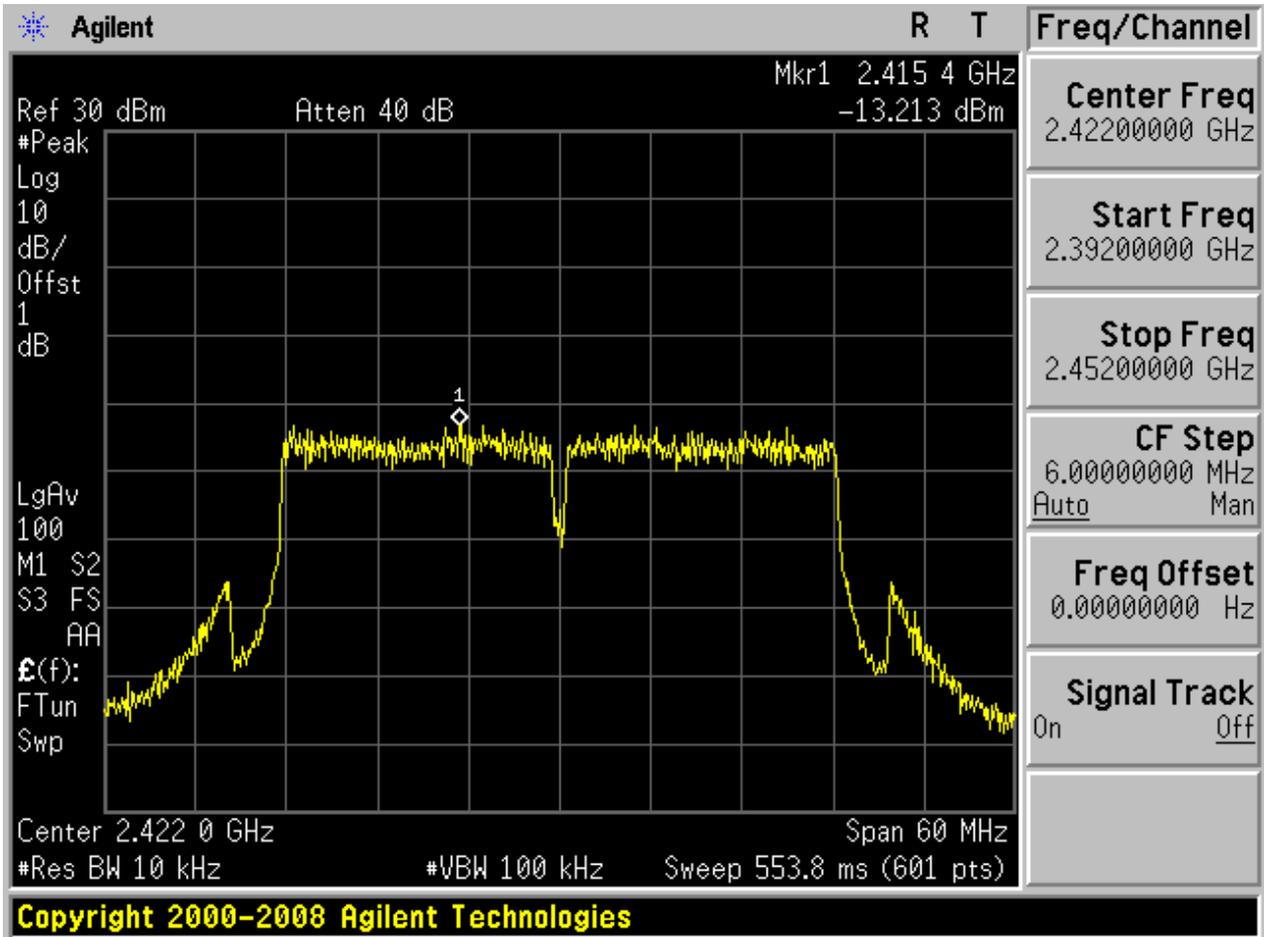


2.25 11N40\_L@Ant 1

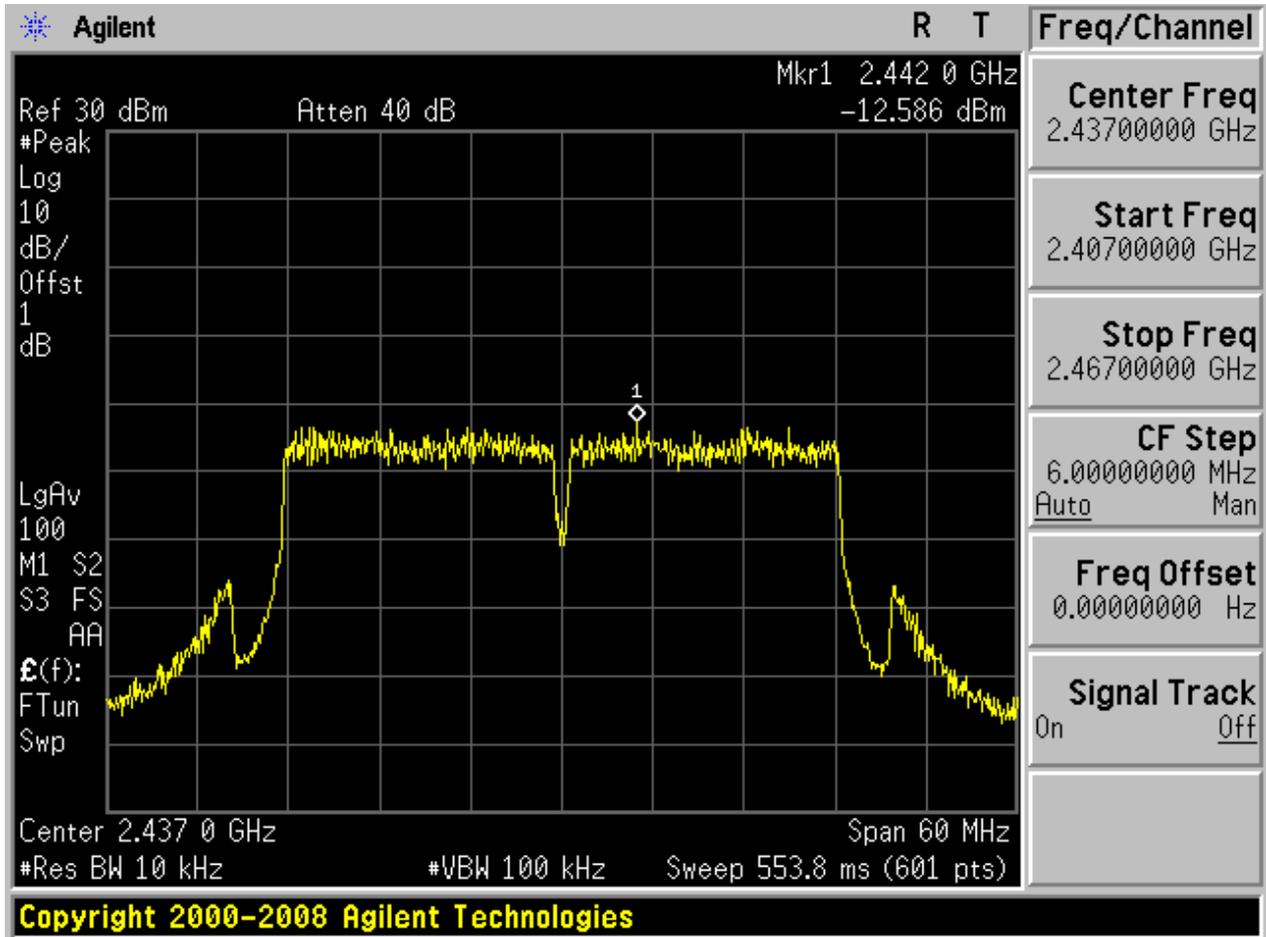




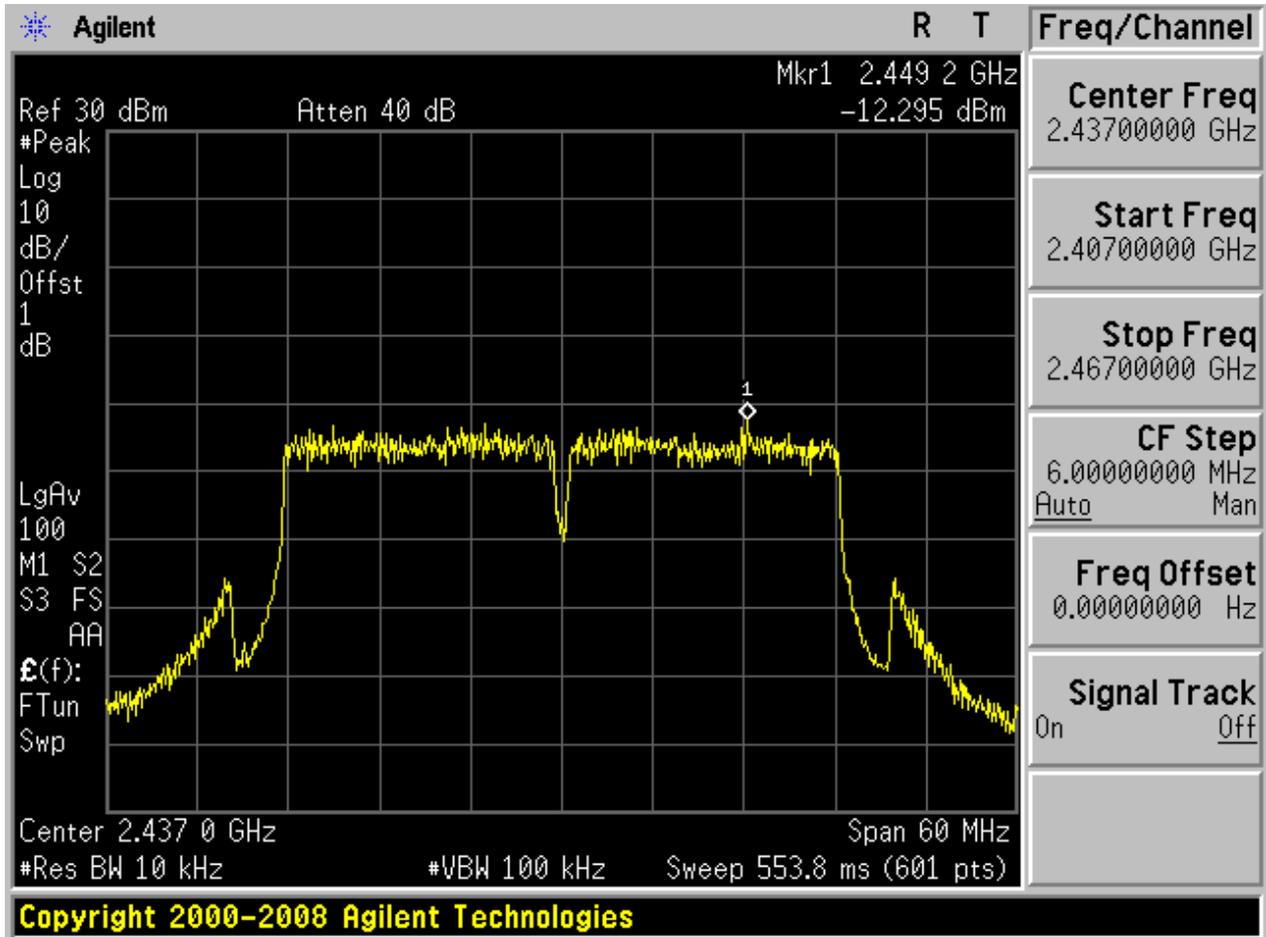
### 2.26 11N40\_L@Ant 2



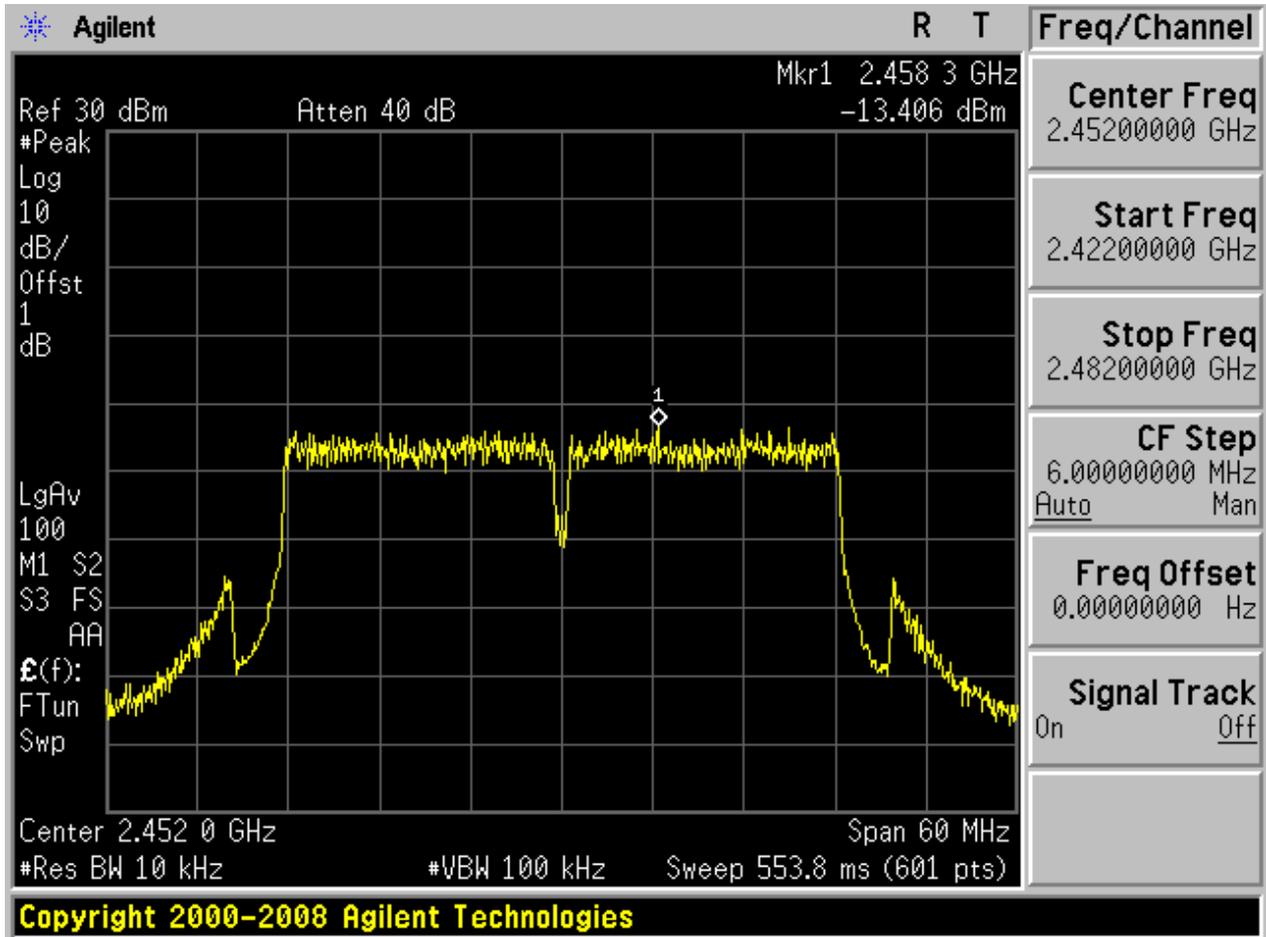
2.27 11N40\_M@Ant 1



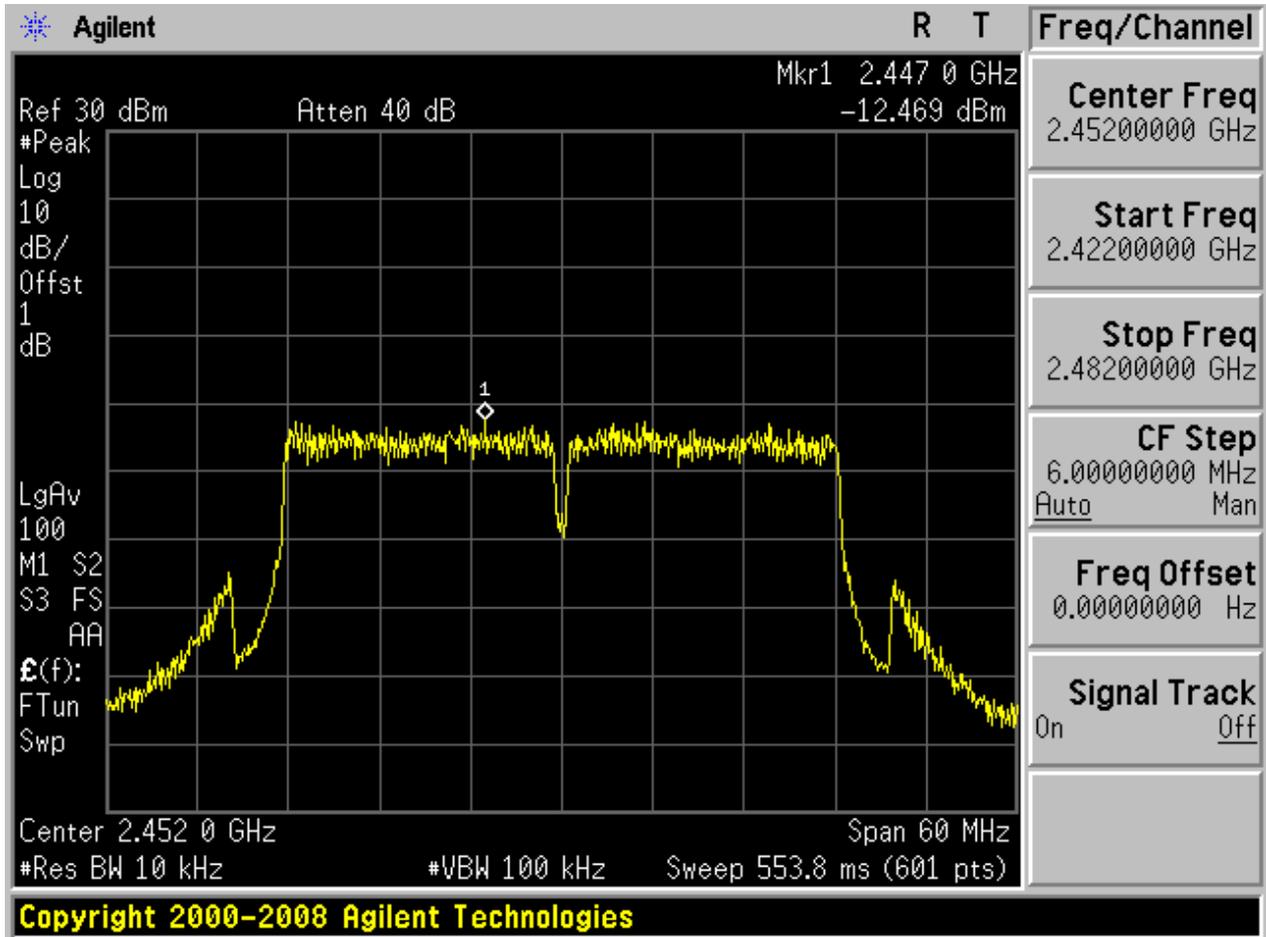
2.28 11N40\_M@Ant 2



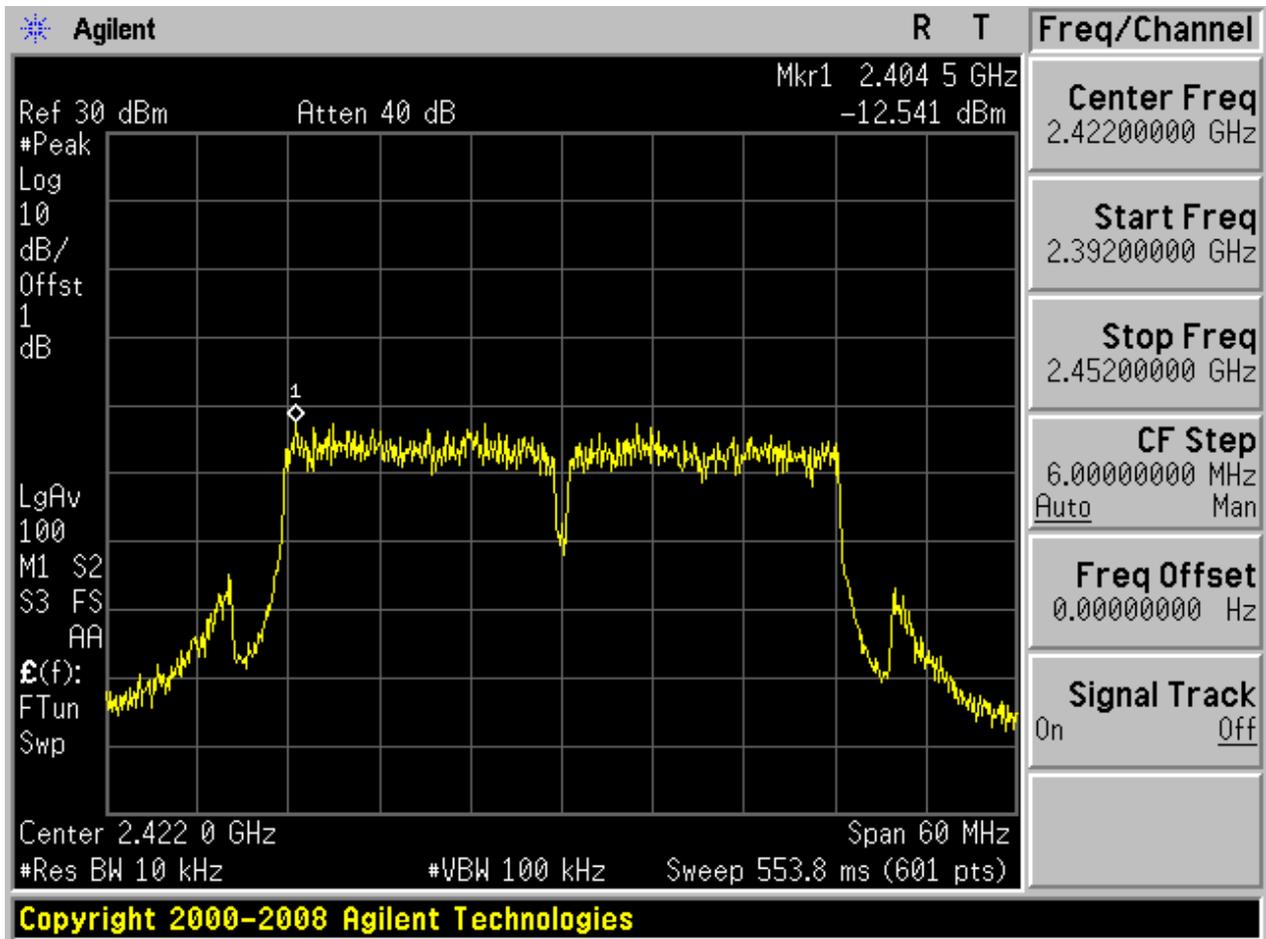
## 2.29 11N40\_H@Ant 1



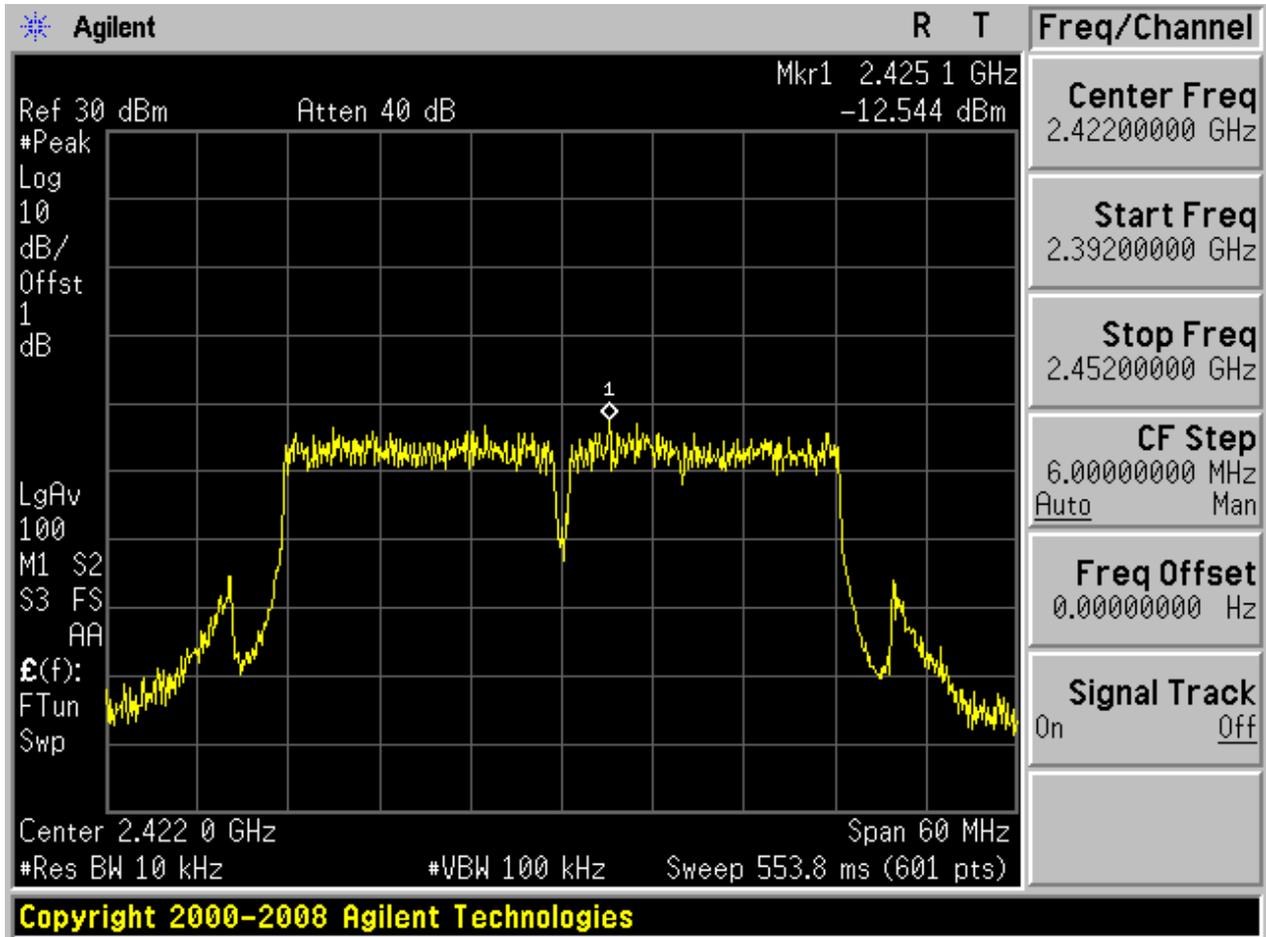
### 2.30 11N40\_H@Ant 2



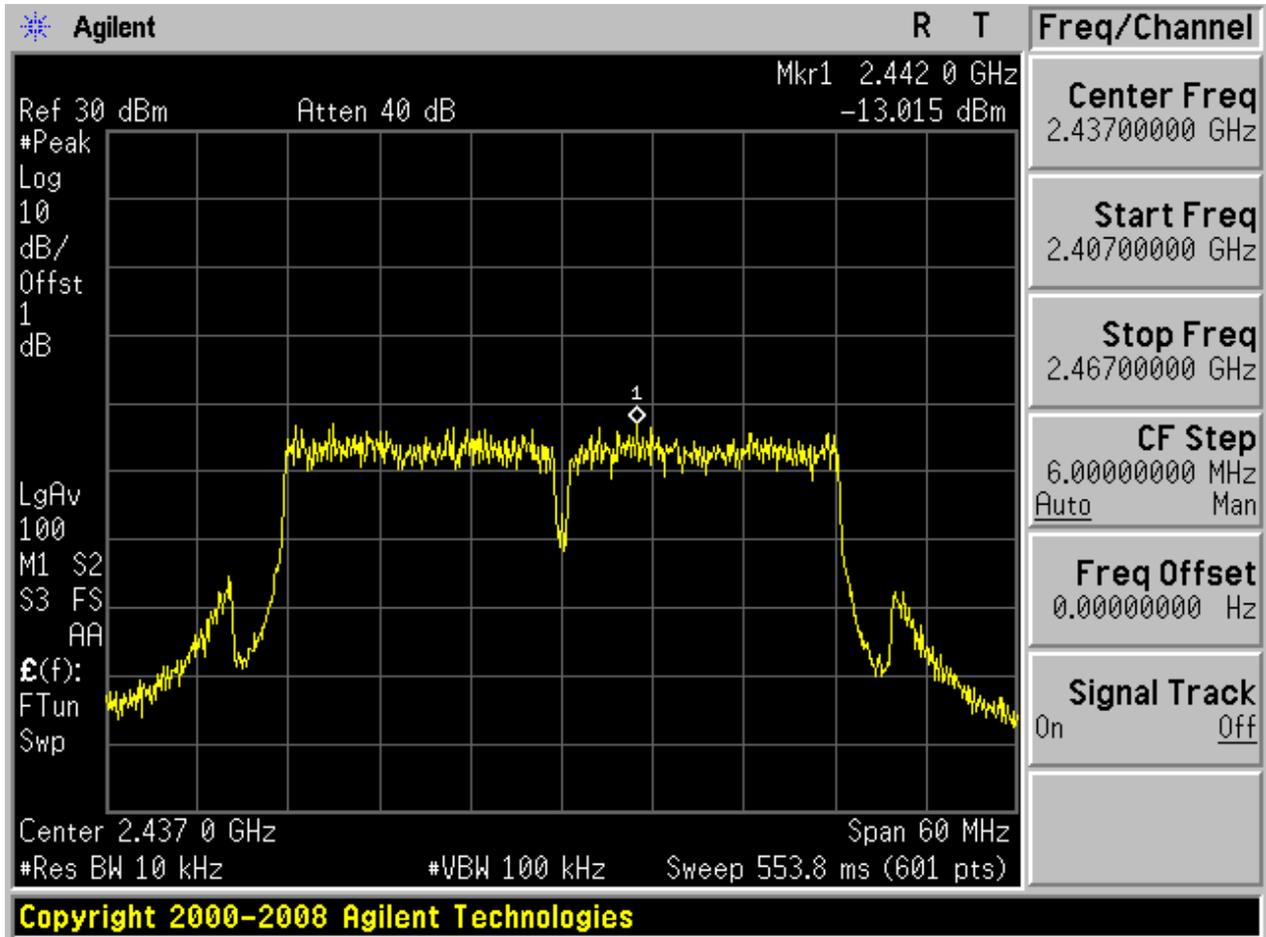
## 2.31 11N40m\_L@Ant 1



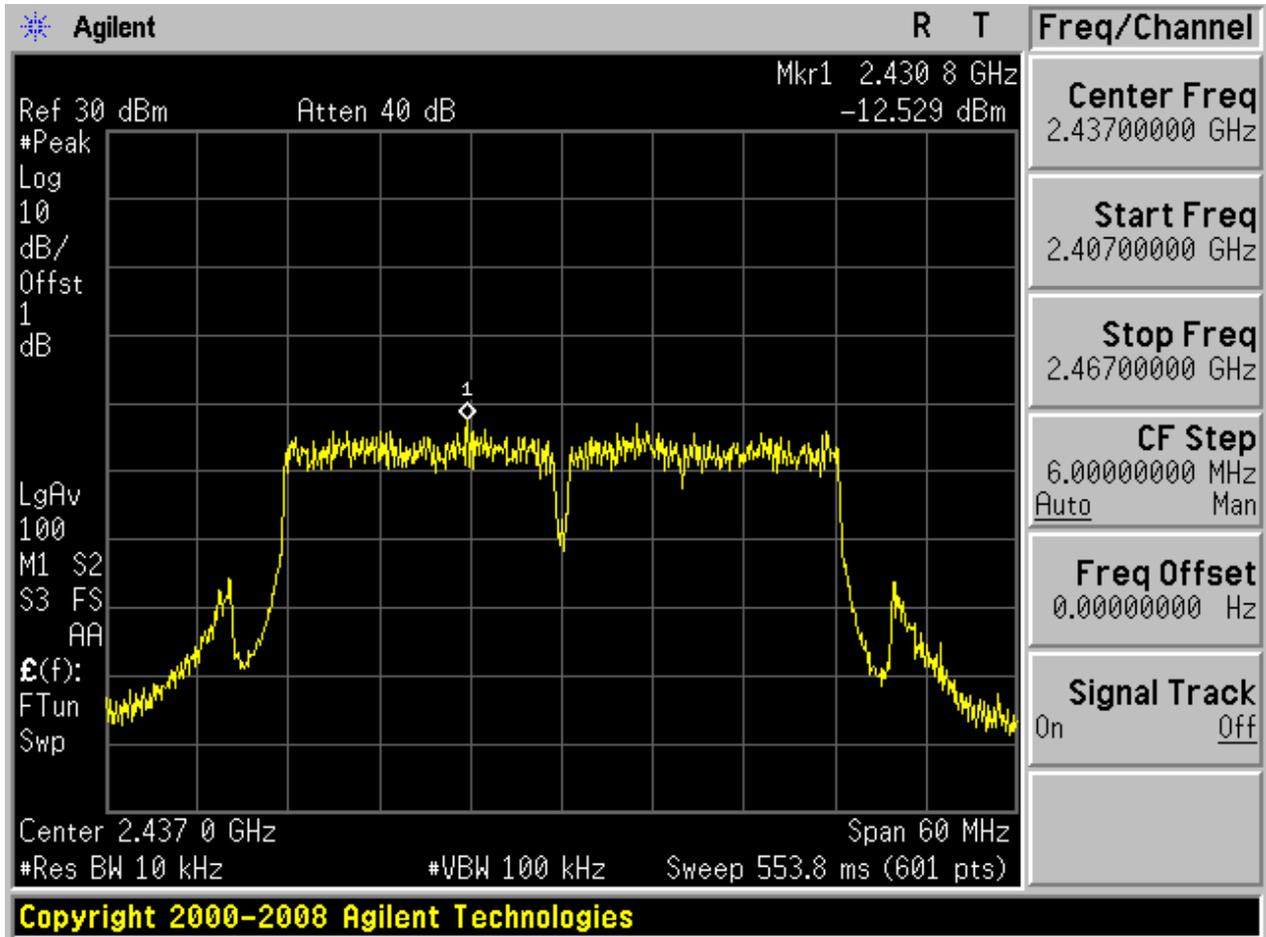
### 2.32 11N40m\_L@Ant 2



### 2.33 11N40m\_M@Ant 1

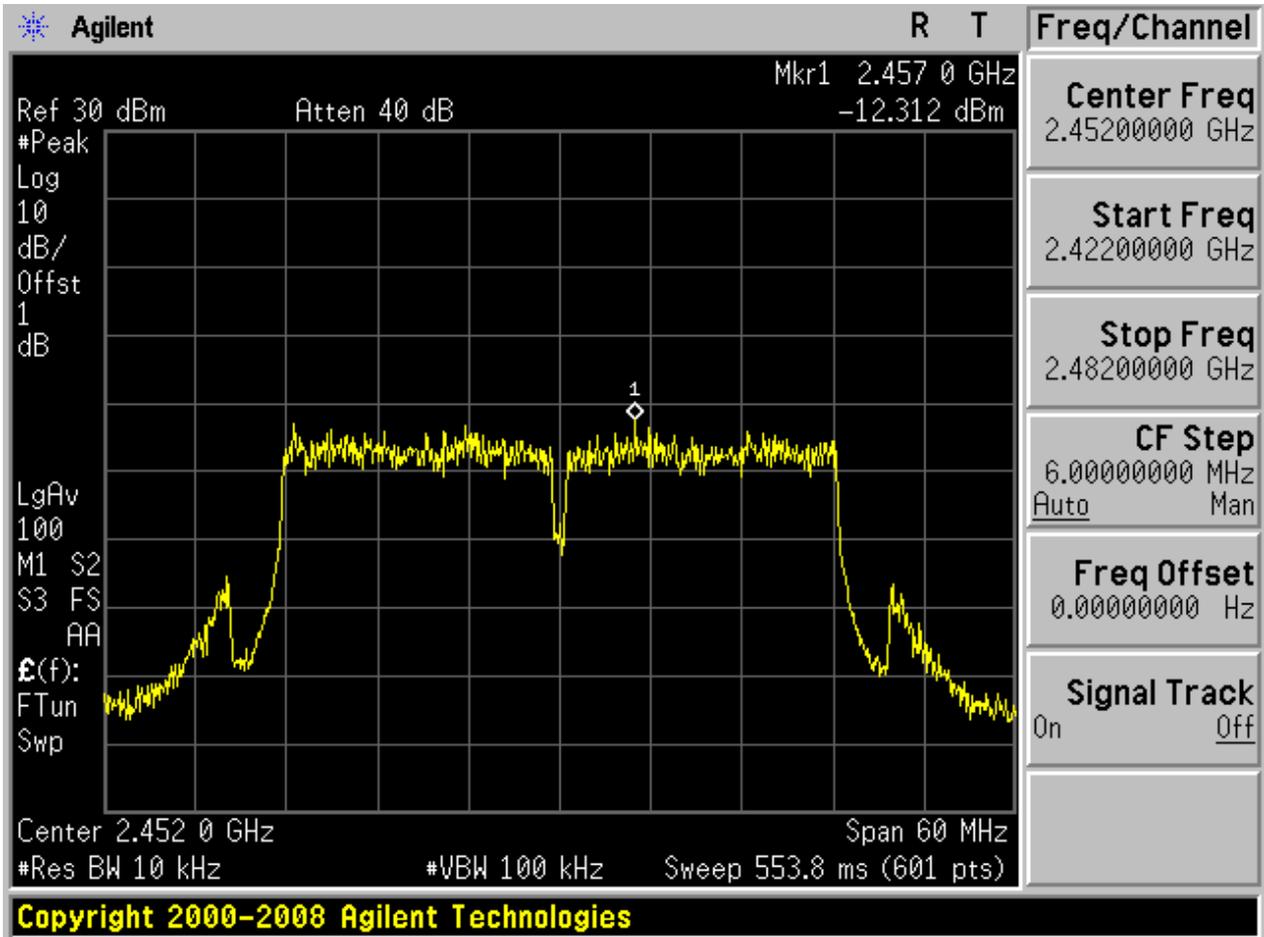


## 2.34 11N40m\_M@Ant 2

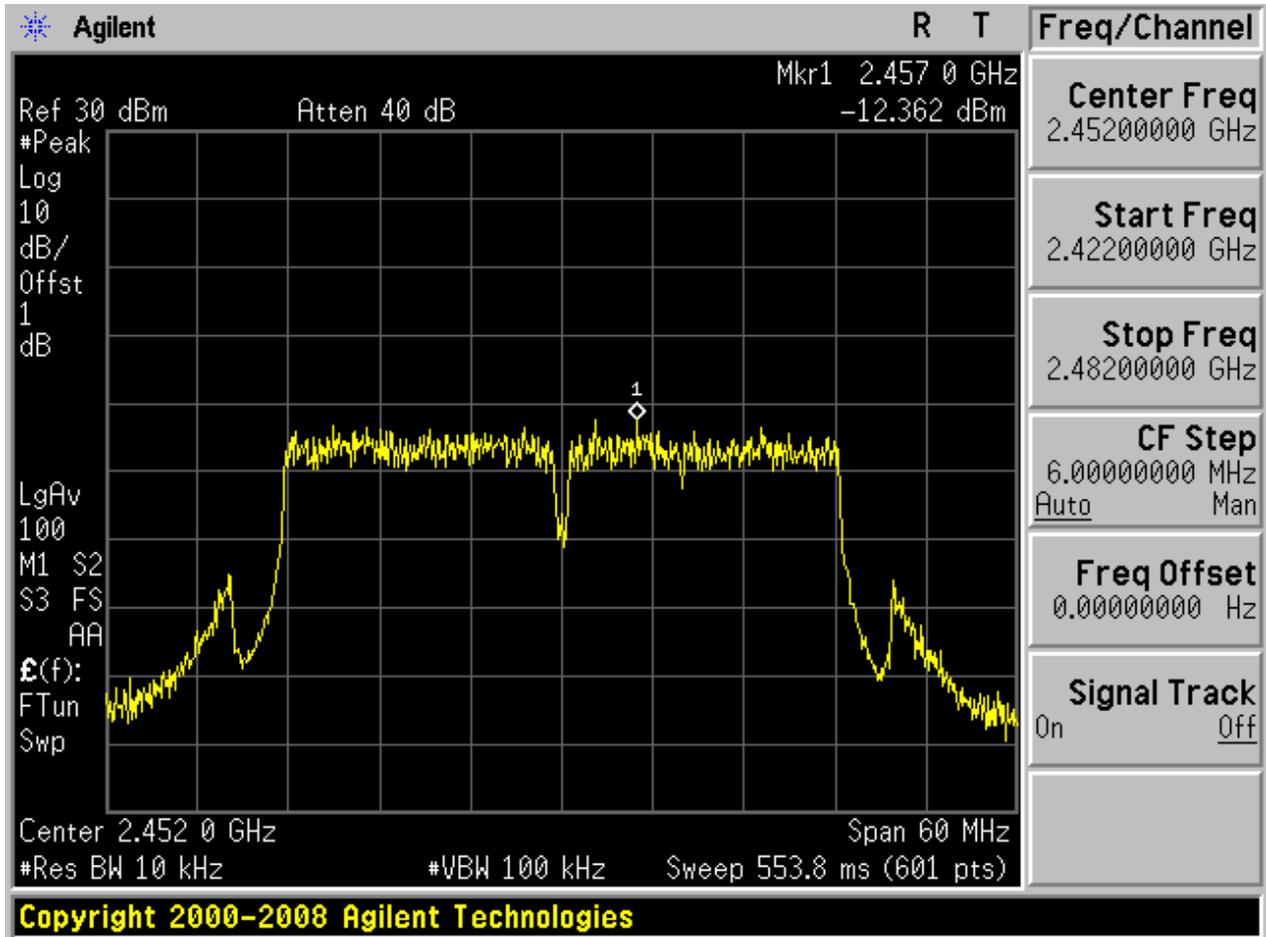




### 2.35 11N40m\_H@Ant 1



### 2.36 11N40m\_H@Ant 2





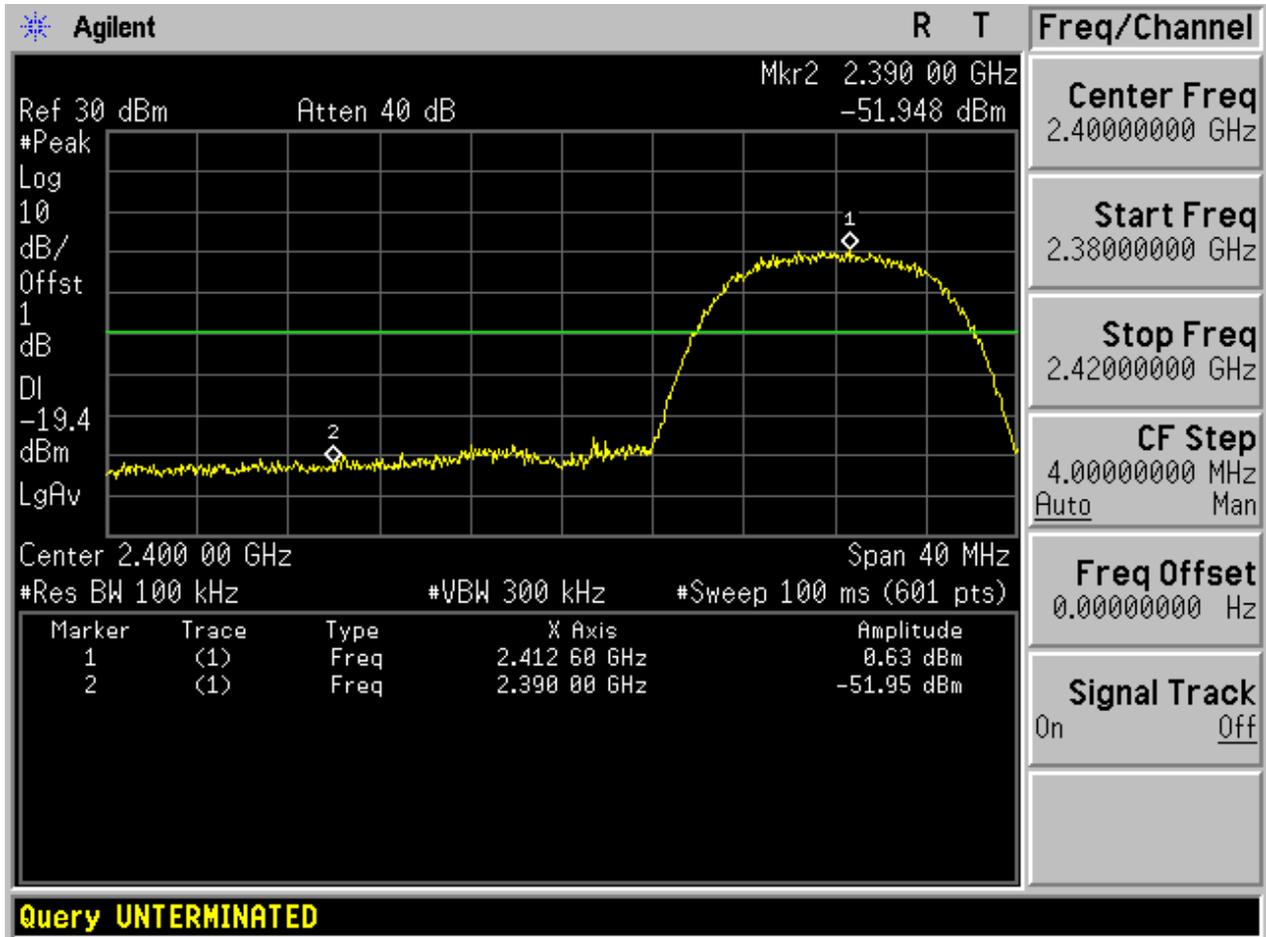
## Appendix E: Band Edges Compliance

### Part I - Test Results

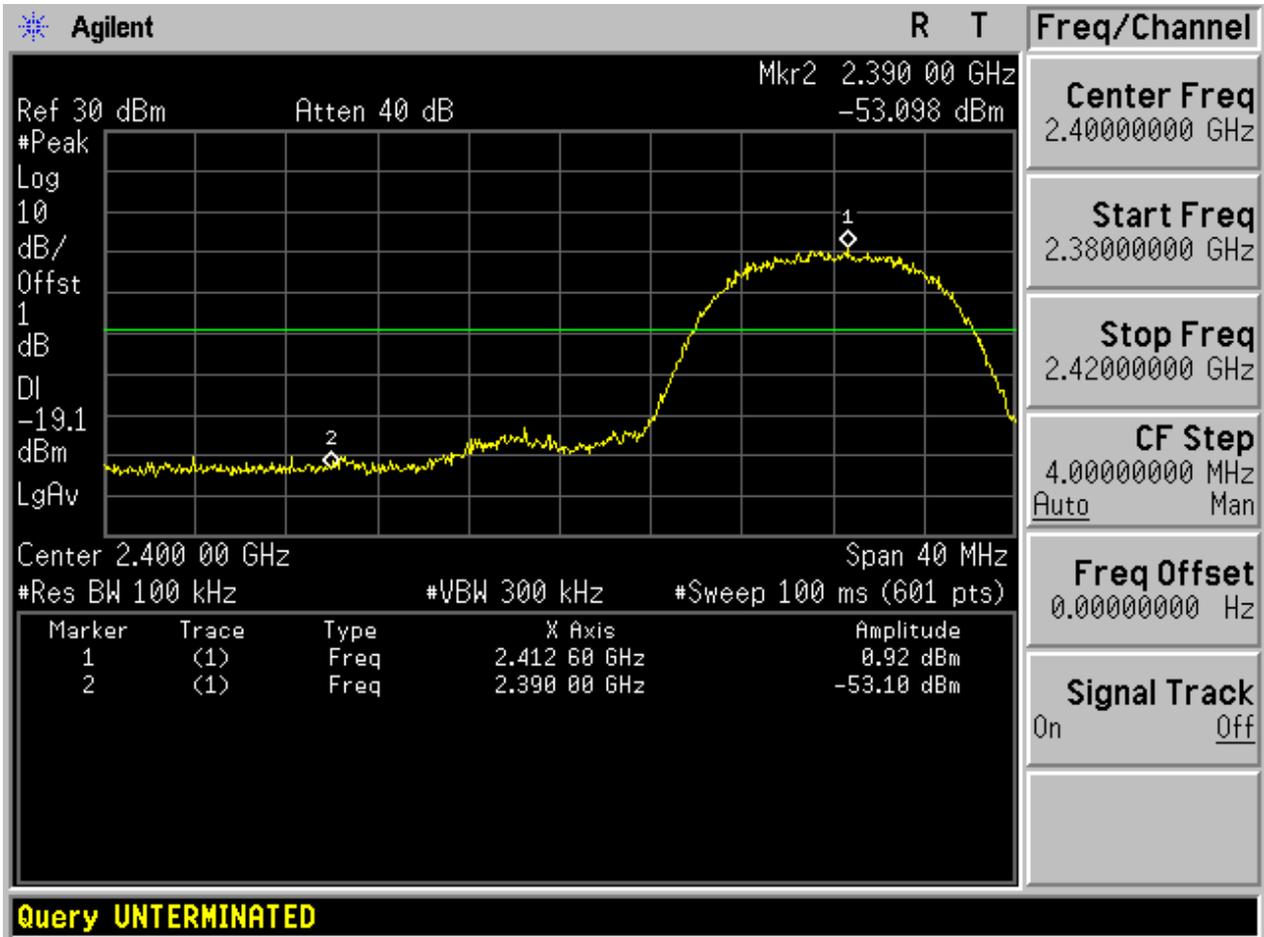
### Part II - Test Plots

Test Mode	Test Channel	Frequency[MHz]	Ant	Carrier Power[dBm]	Max.Spurious Level[dBm]	Verdict
11B	L	2412	Ant 1	0.63	-51.95	pass
11B	L	2412	Ant 2	0.92	-53.1	pass
11B	H	2462	Ant 1	-0.3	-53.19	pass
11B	H	2462	Ant 2	1.06	-53.09	pass
11G	L	2412	Ant 1	-1.39	-48.54	pass
11G	L	2412	Ant 2	-1.53	-48.18	pass
11G	H	2462	Ant 1	-1.85	-49.25	pass
11G	H	2462	Ant 2	-0.9	-50.15	pass
11N20	L	2412	Ant 1	-1.25	-48.11	pass
11N20	L	2412	Ant 2	-1.26	-50.15	pass
11N20	H	2462	Ant 1	-1.76	-50.8	pass
11N20	H	2462	Ant 2	-0.75	-48.65	pass
11N20m	L	2412	Ant 1	-1.02	-51.07	pass
11N20m	L	2412	Ant 2	-1.36	-46	pass
11N20m	H	2462	Ant 1	-1.55	-51.05	pass
11N20m	H	2462	Ant 2	-0.97	-49.02	pass
11N40	L	2422	Ant 1	-4.17	-46.75	pass
11N40	L	2422	Ant 2	-4.38	-45.91	pass
11N40	H	2452	Ant 1	-4.9	-44.4	pass
11N40	H	2452	Ant 2	-4.14	-47.57	pass
11N40m	L	2422	Ant 1	-4.16	-45.21	pass
11N40m	L	2422	Ant 2	-4.05	-47.17	pass
11N40m	H	2452	Ant 1	-4.91	-44.85	pass
11N40m	H	2452	Ant 2	-4.25	-47.37	pass

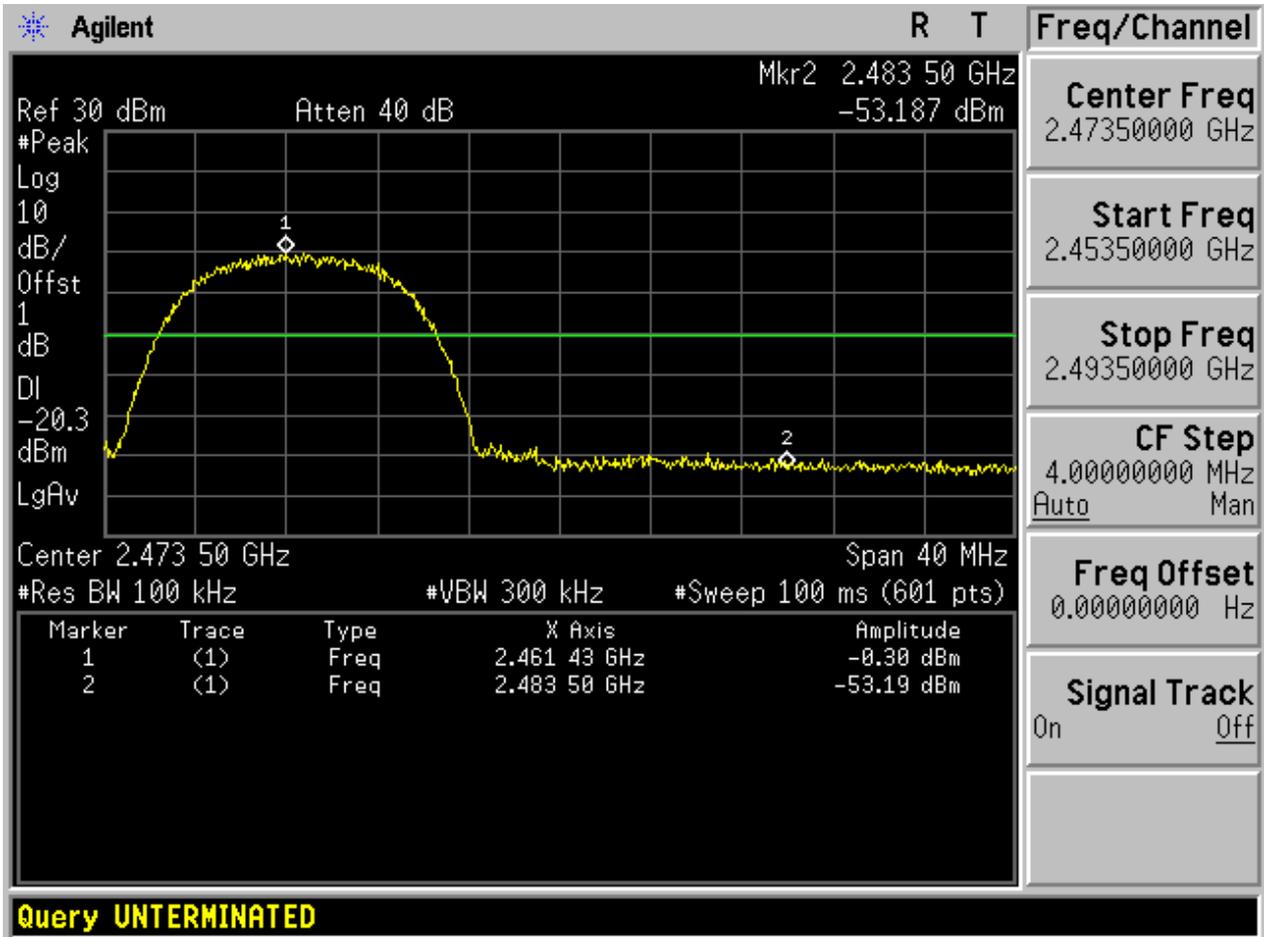
## 2.1 11B\_L@Ant 1



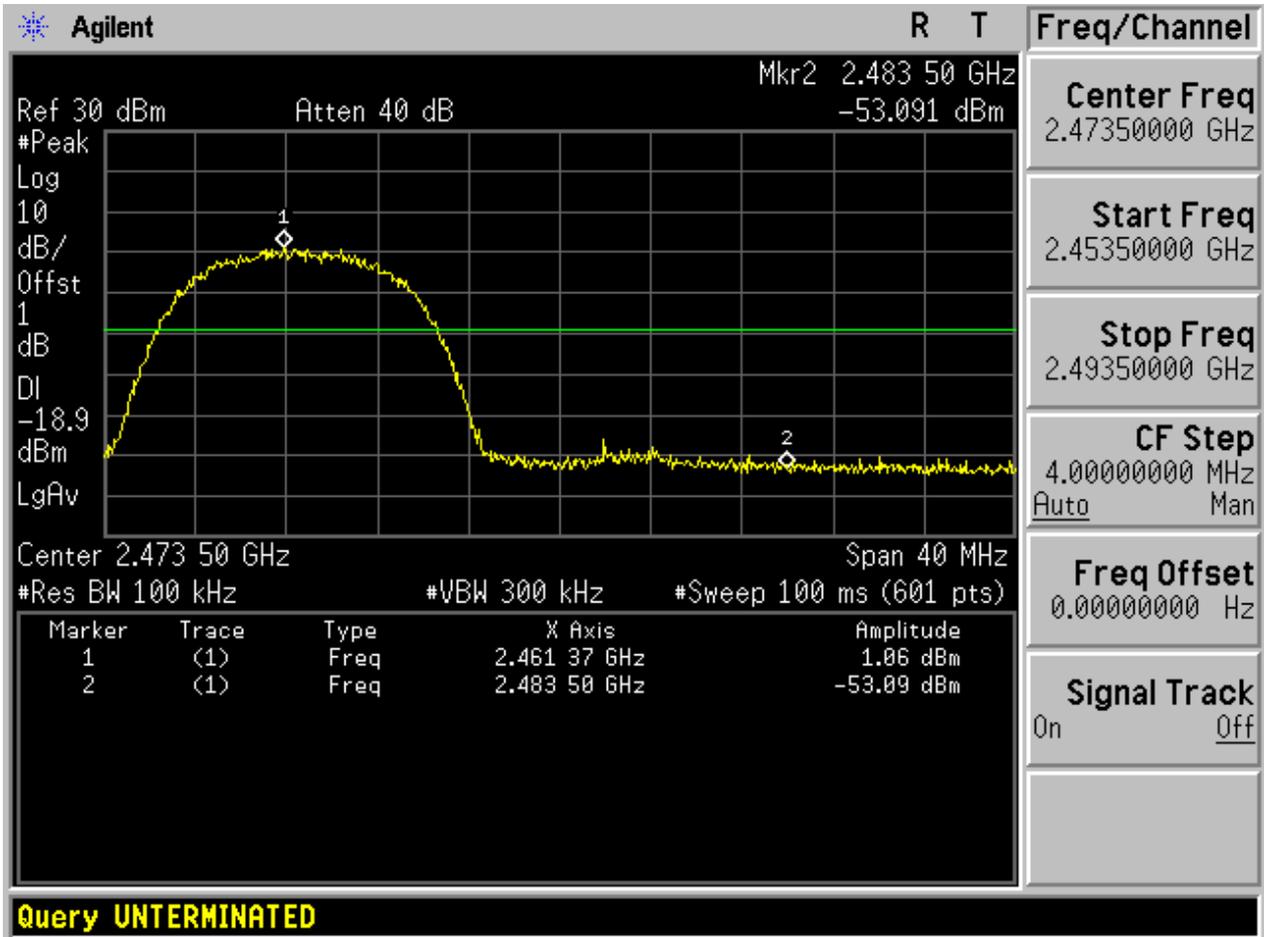
## 2.2 11B\_L@Ant 2



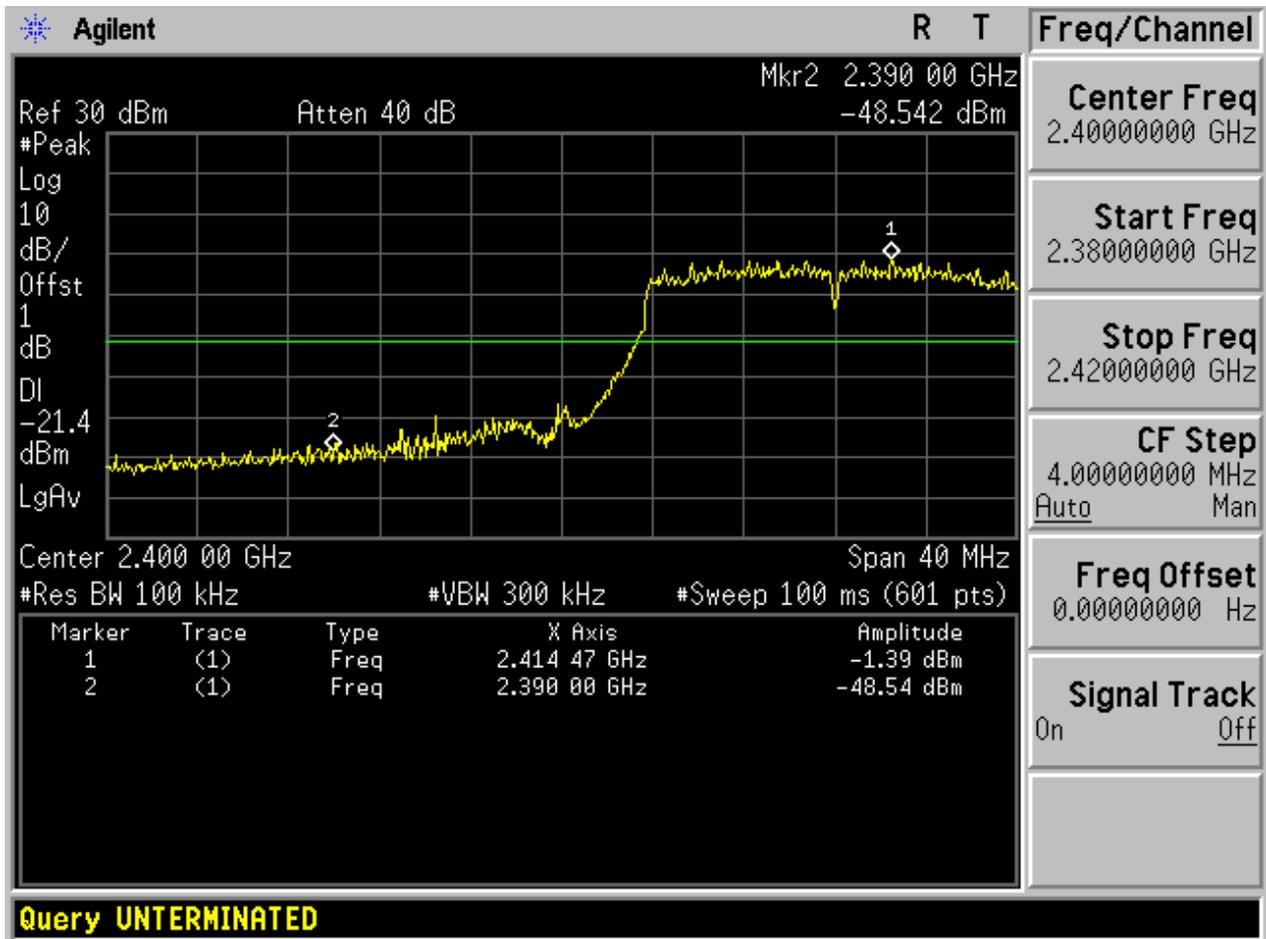
### 2.3 11B\_H@Ant 1



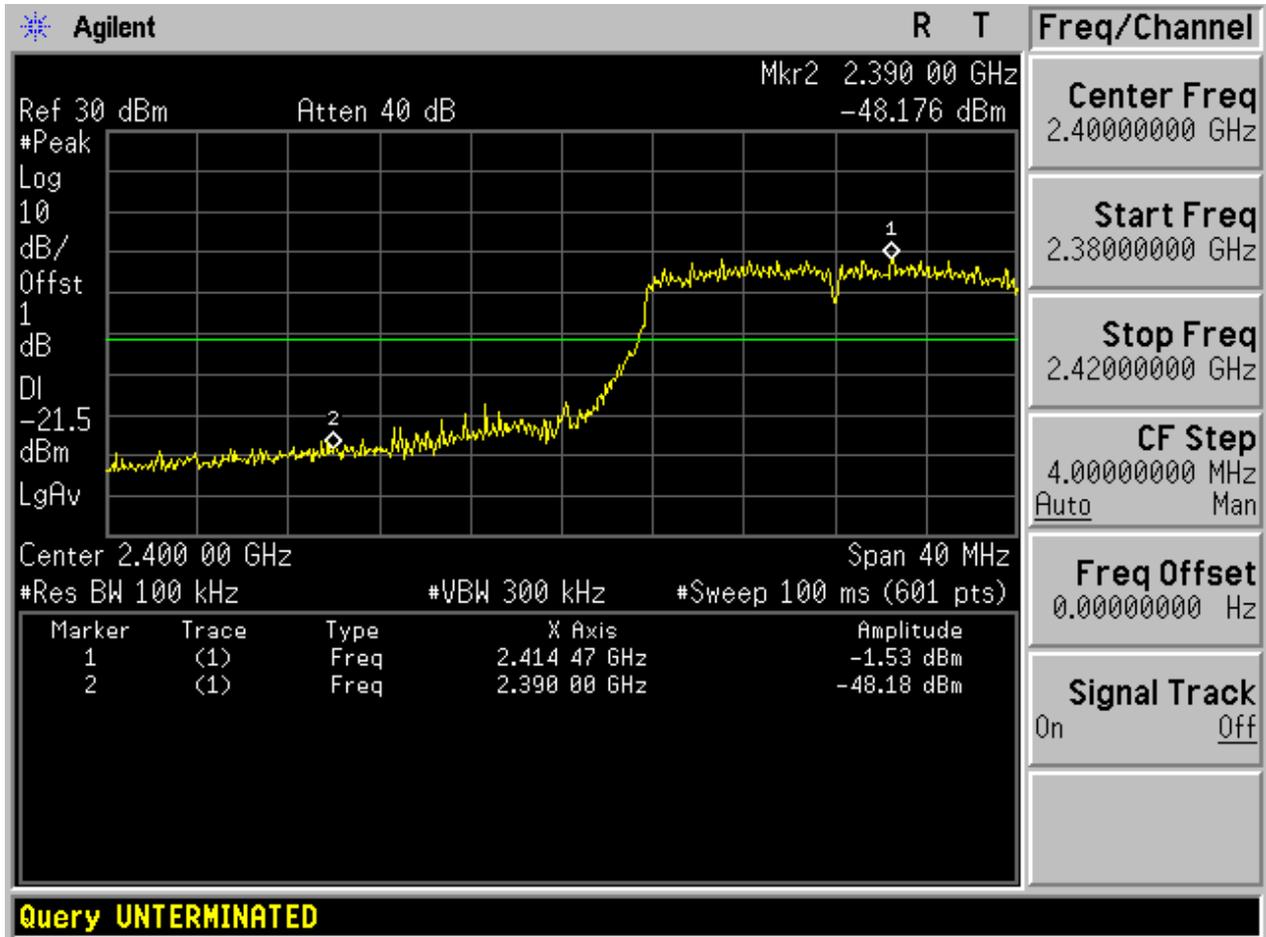
### 2.4 11B\_H@Ant 2



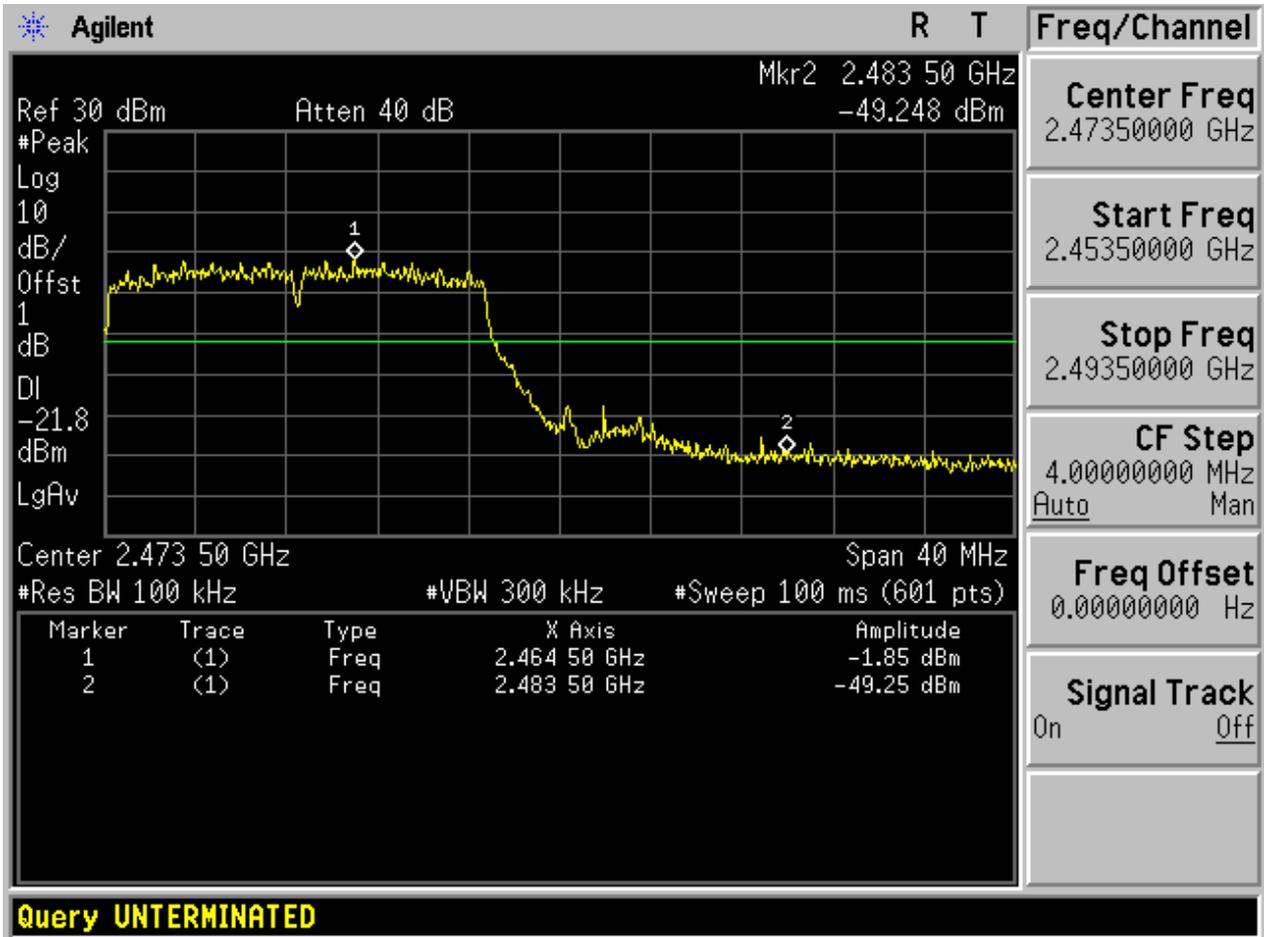
### 2.5 11G\_L@Ant 1



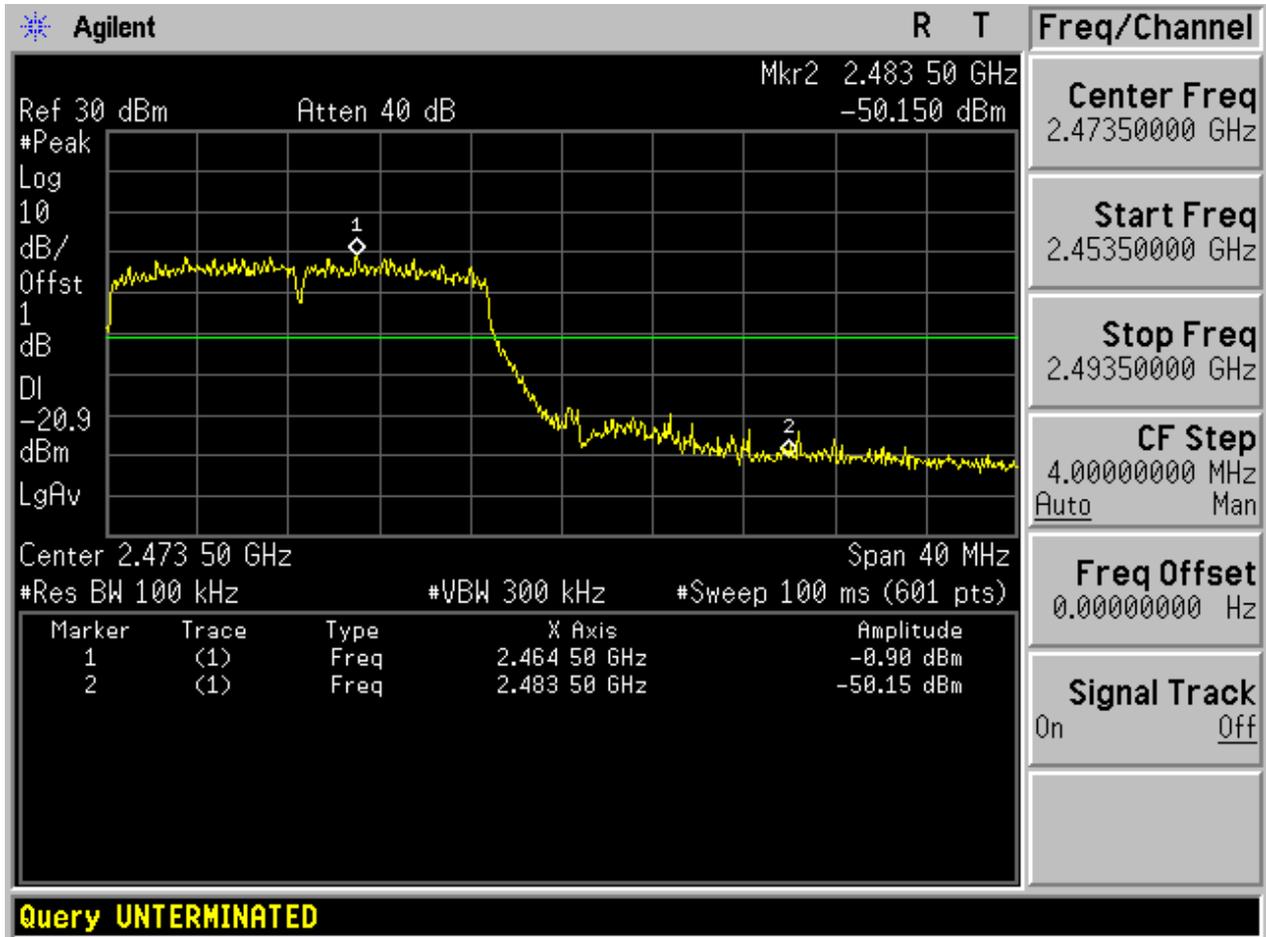
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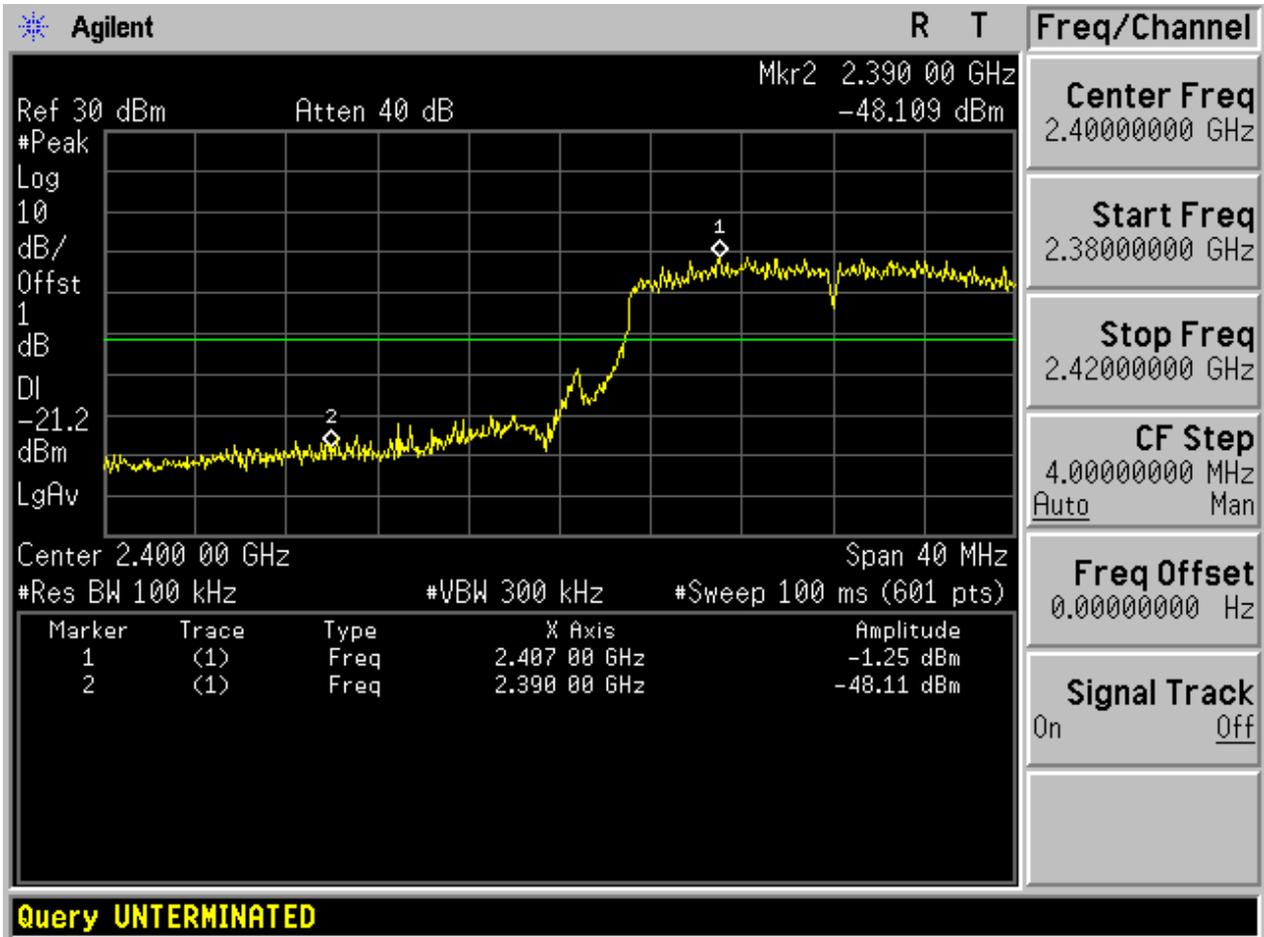
### 2.7 11G\_H@Ant 1



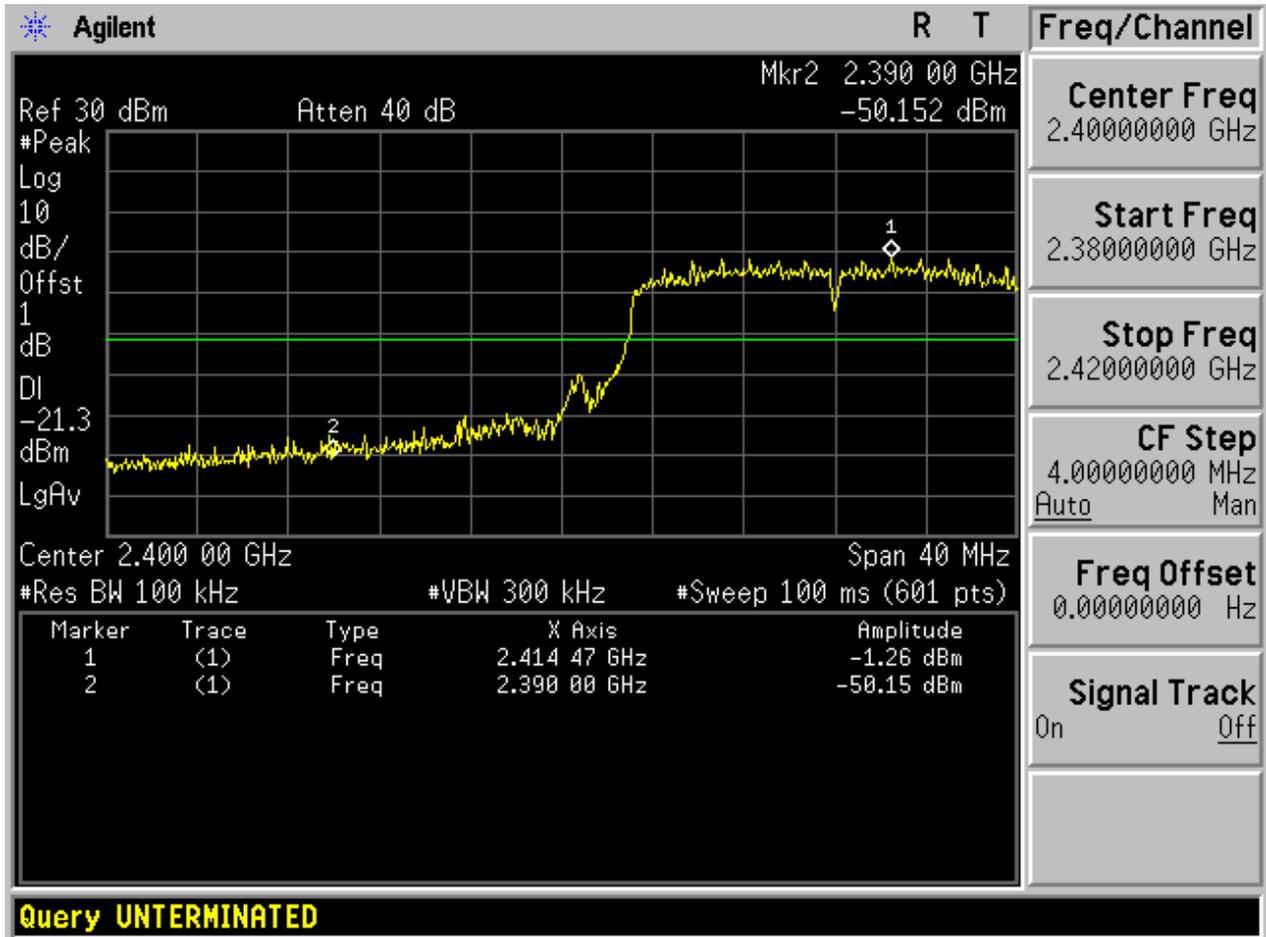
### 2.8 11G\_H@Ant 2



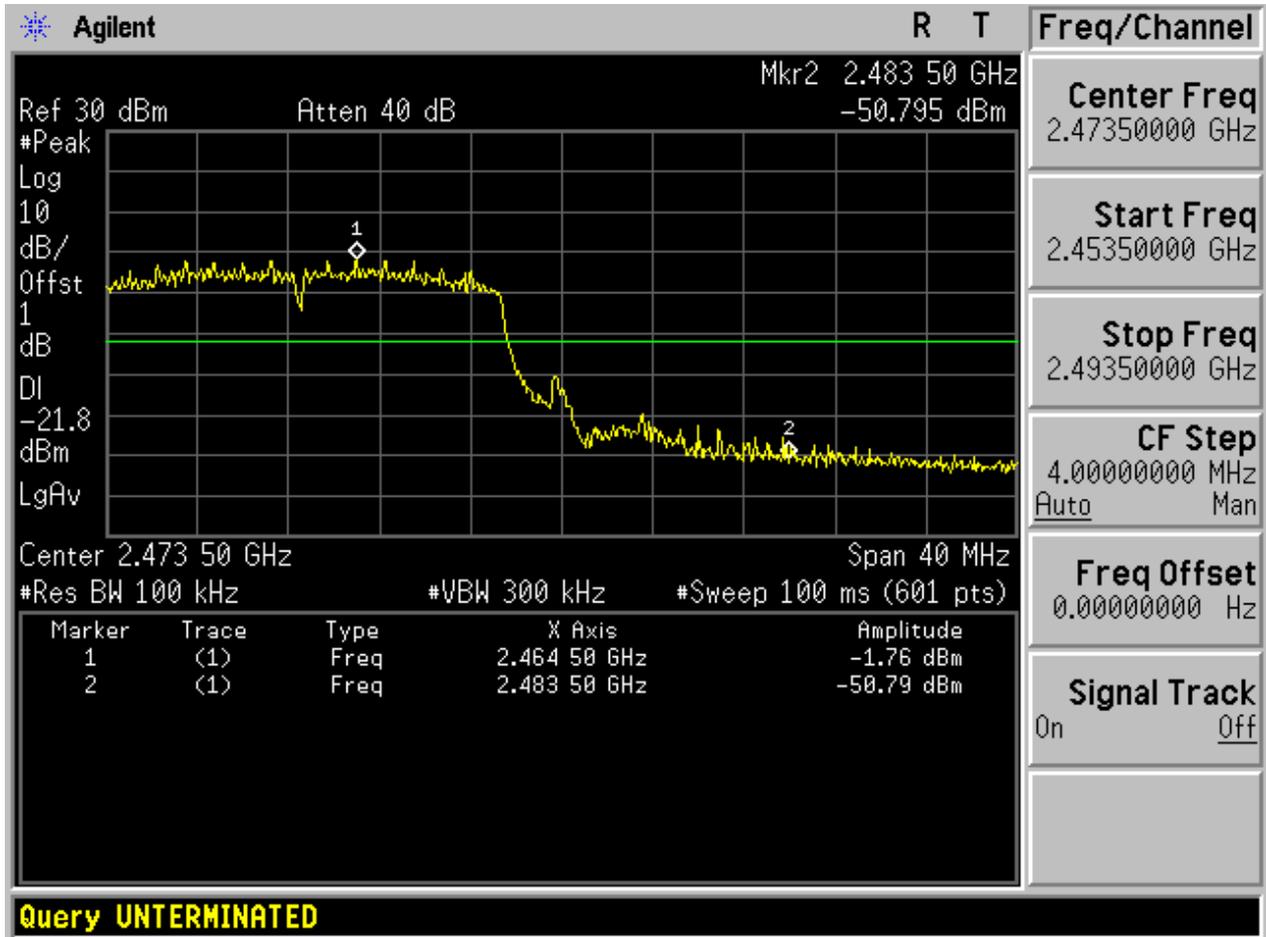
### 2.9 11N20\_L@Ant 1



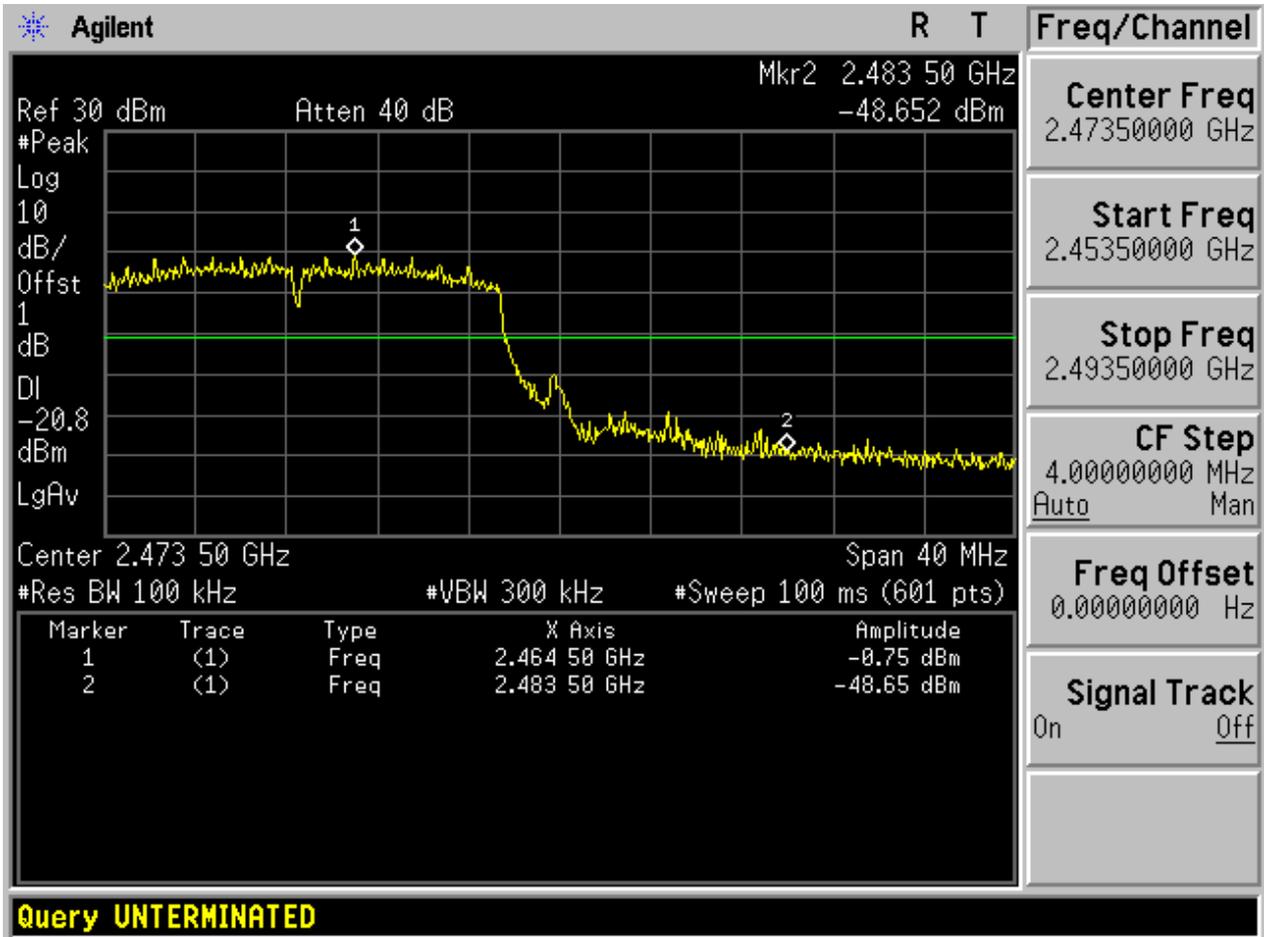
## 2.10 11N20\_L@Ant 2



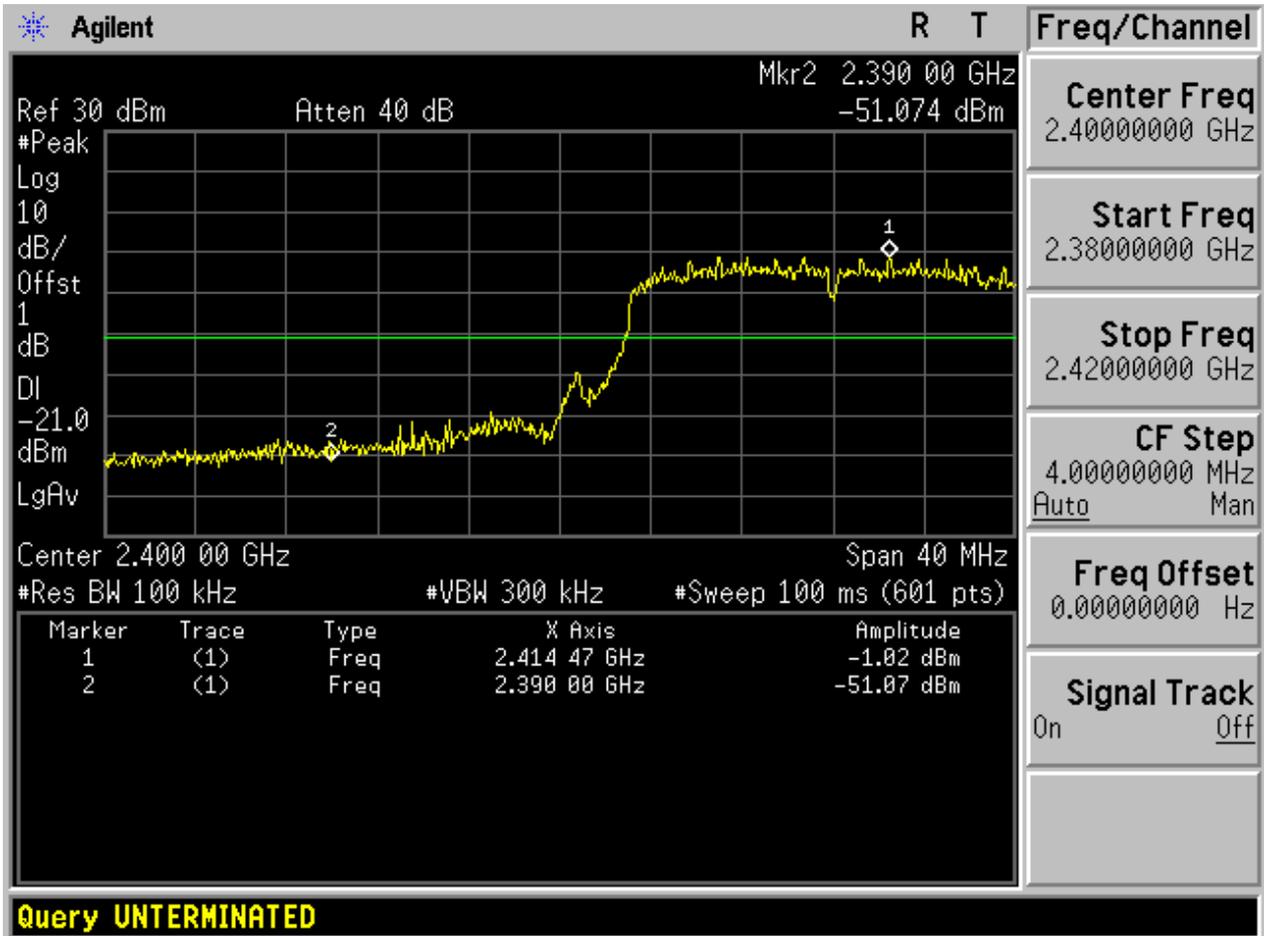
## 2.11 11N20\_H@Ant 1



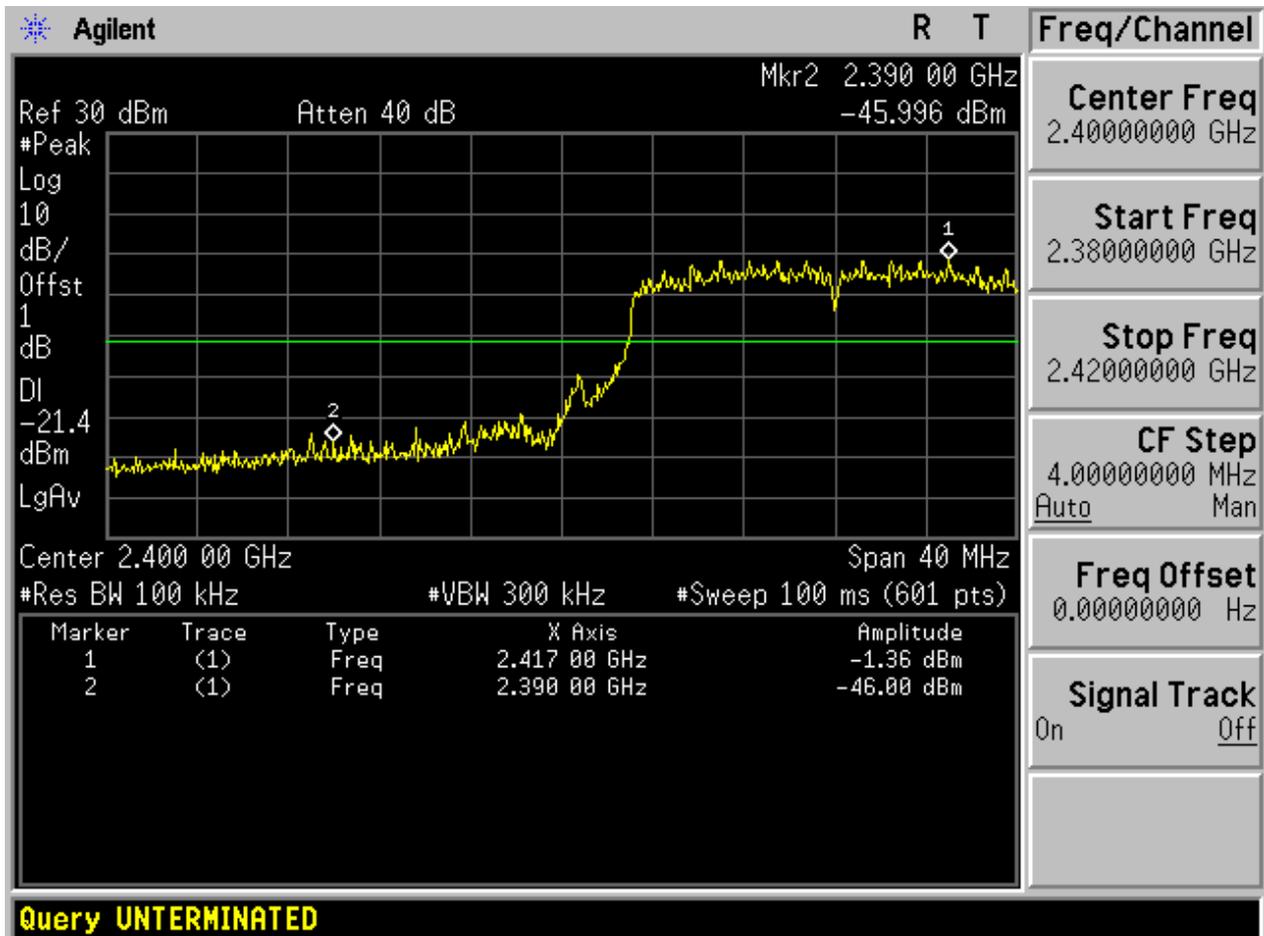
2.12 11N20\_H@Ant 2



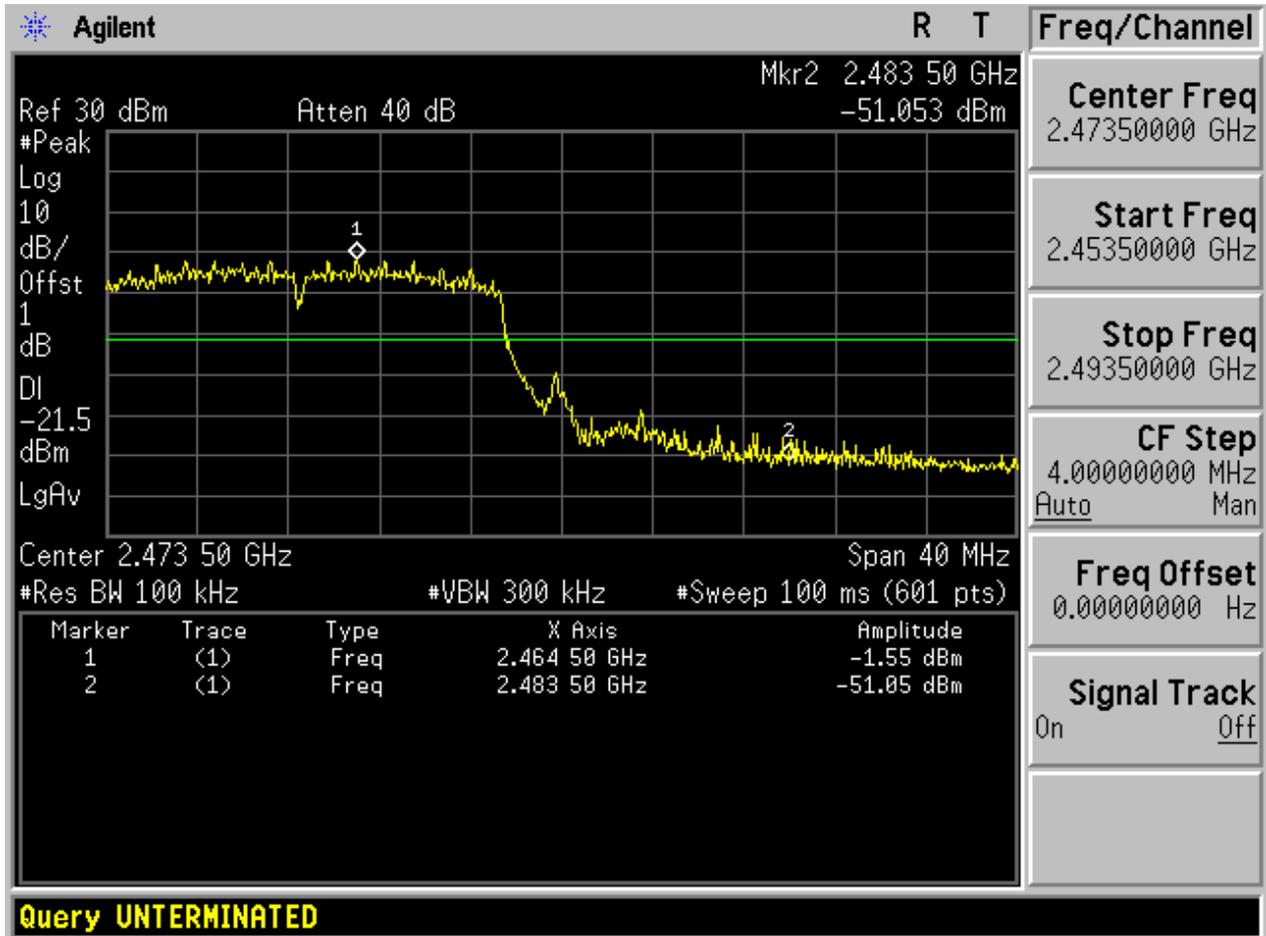
2.13 11N20m\_L@Ant 1



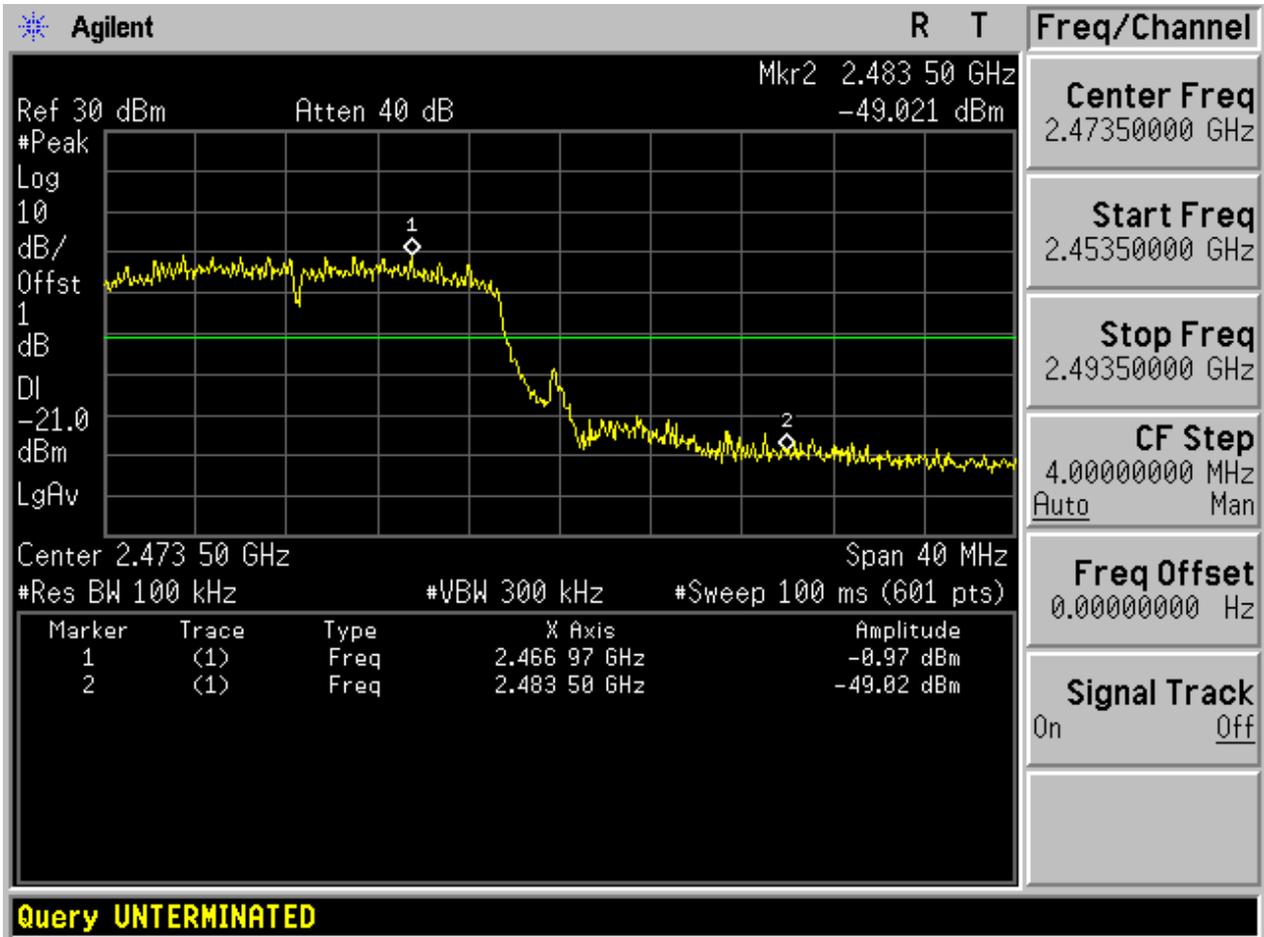
## 2.14 11N20m\_L@Ant 2



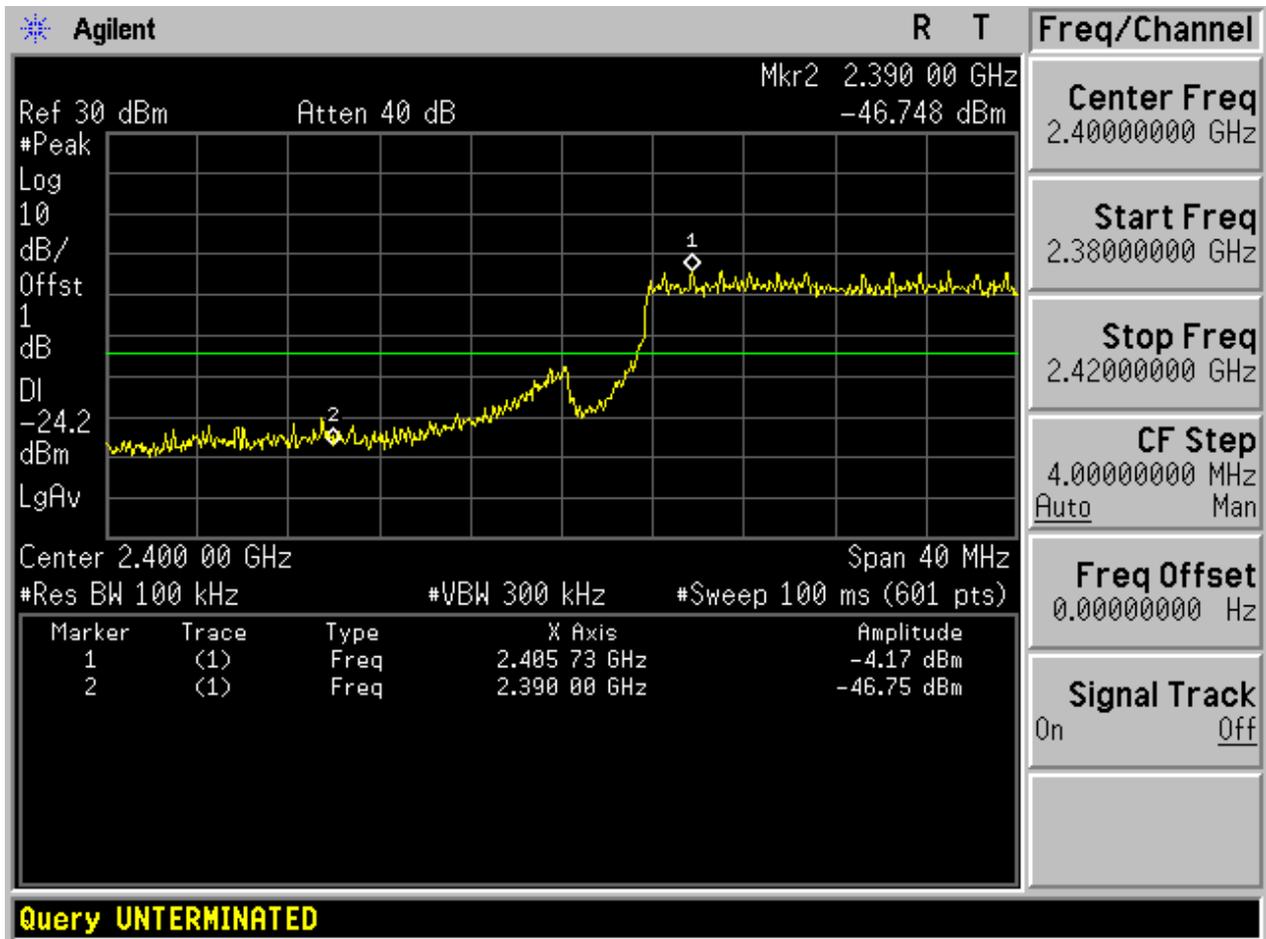
### 2.15 11N20m\_H@Ant 1



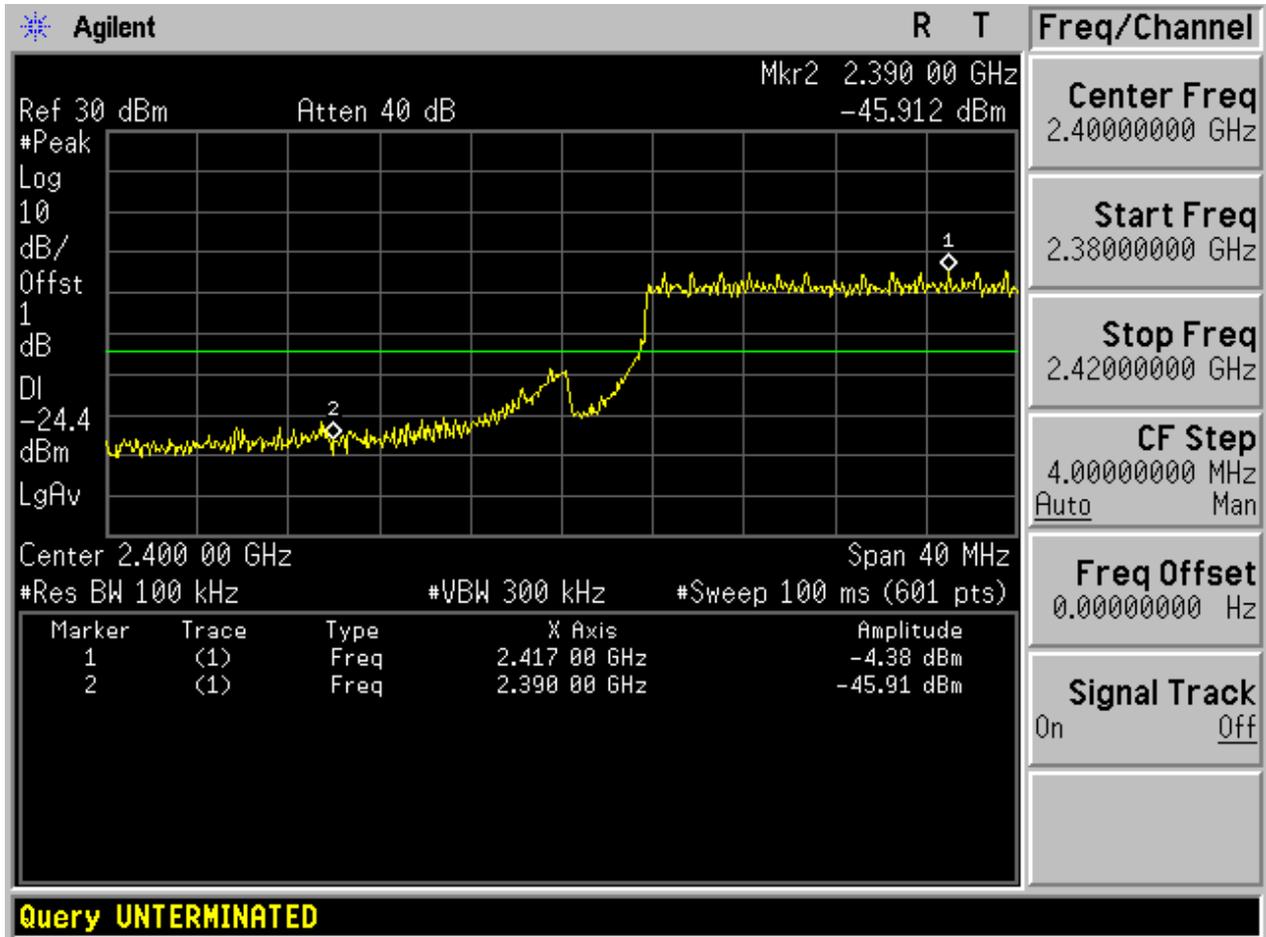
2.16 11N20m\_H@Ant 2



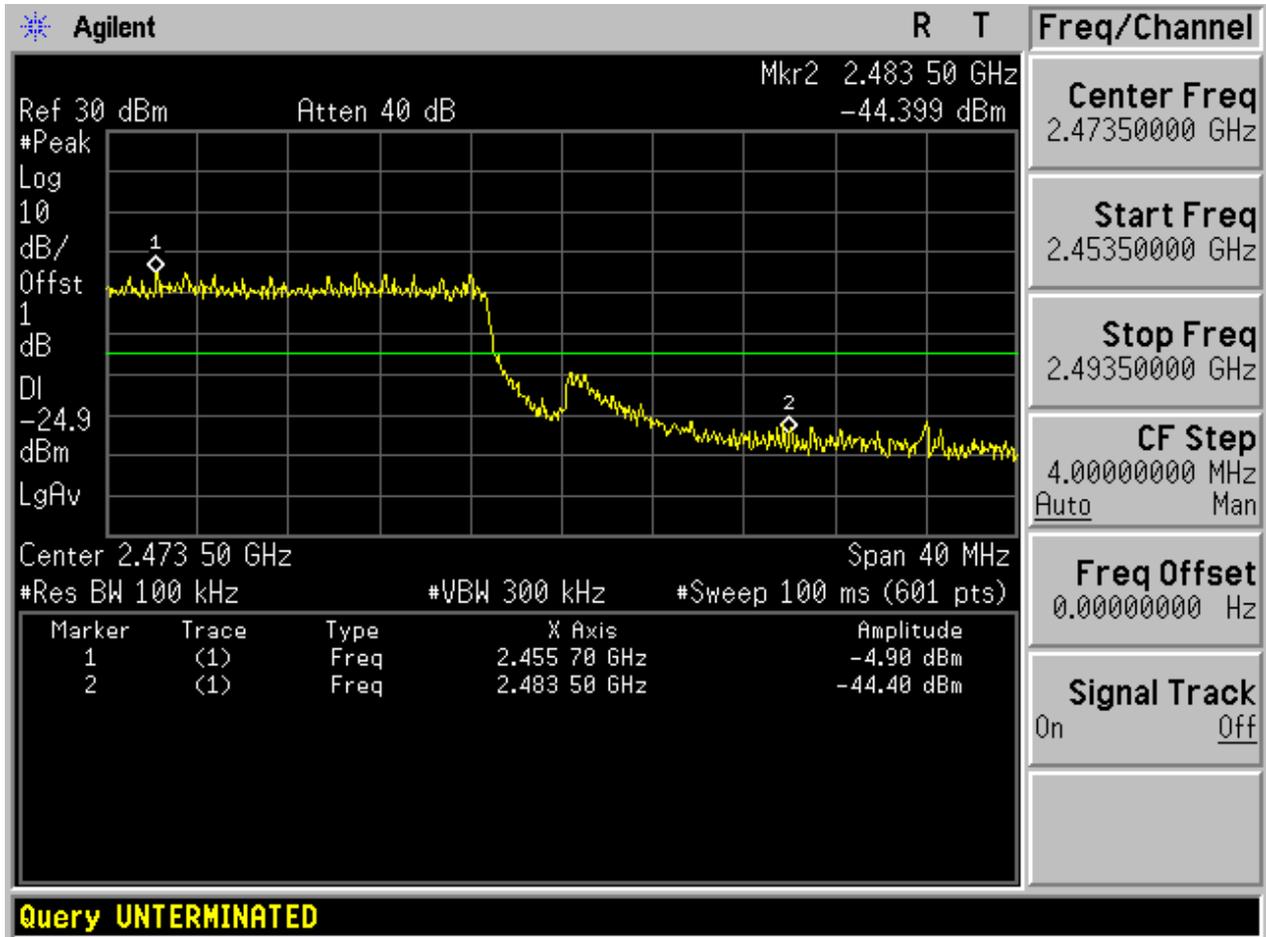
2.17 11N40\_L@Ant 1



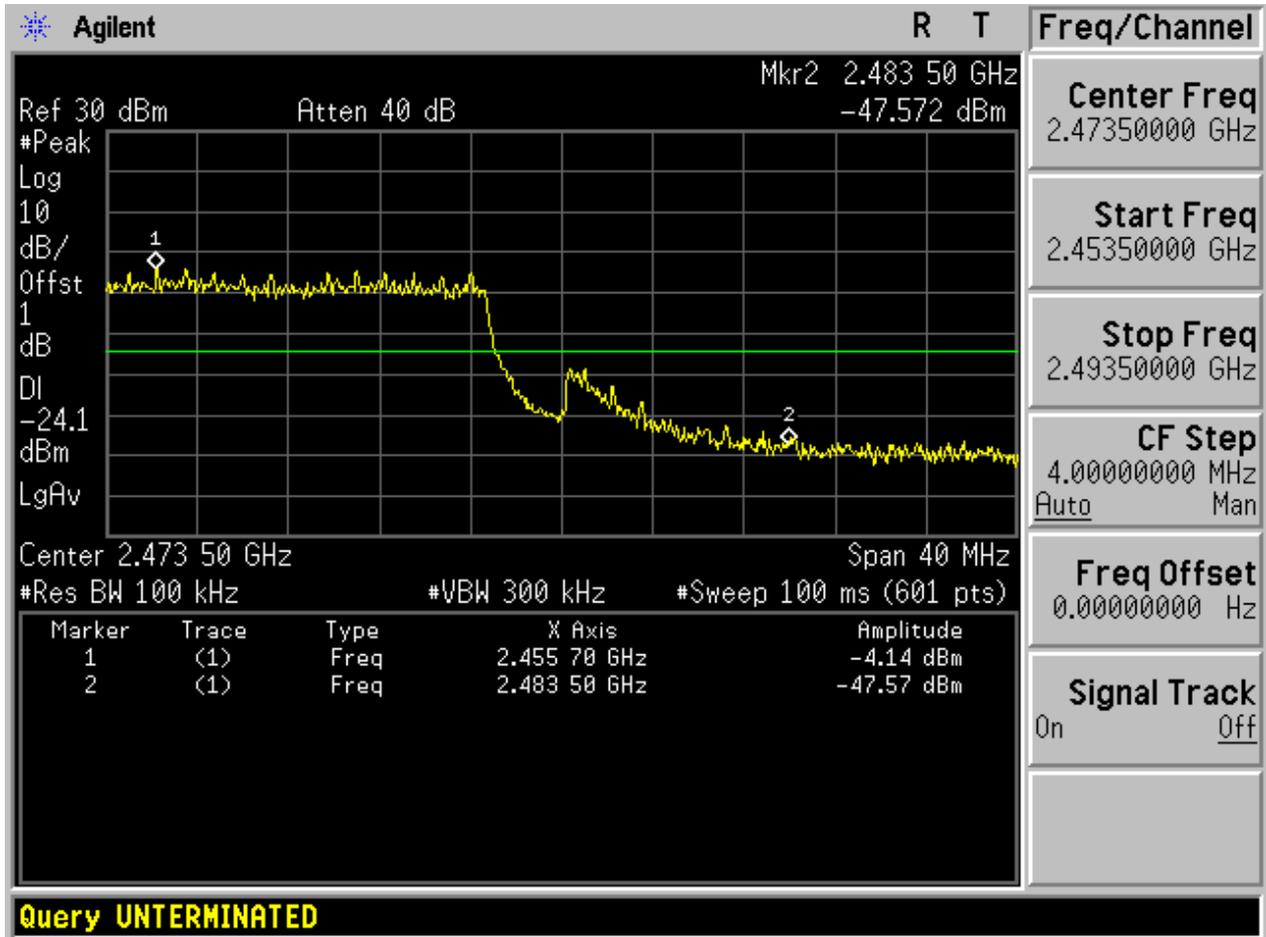
## 2.18 11N40\_L@Ant 2



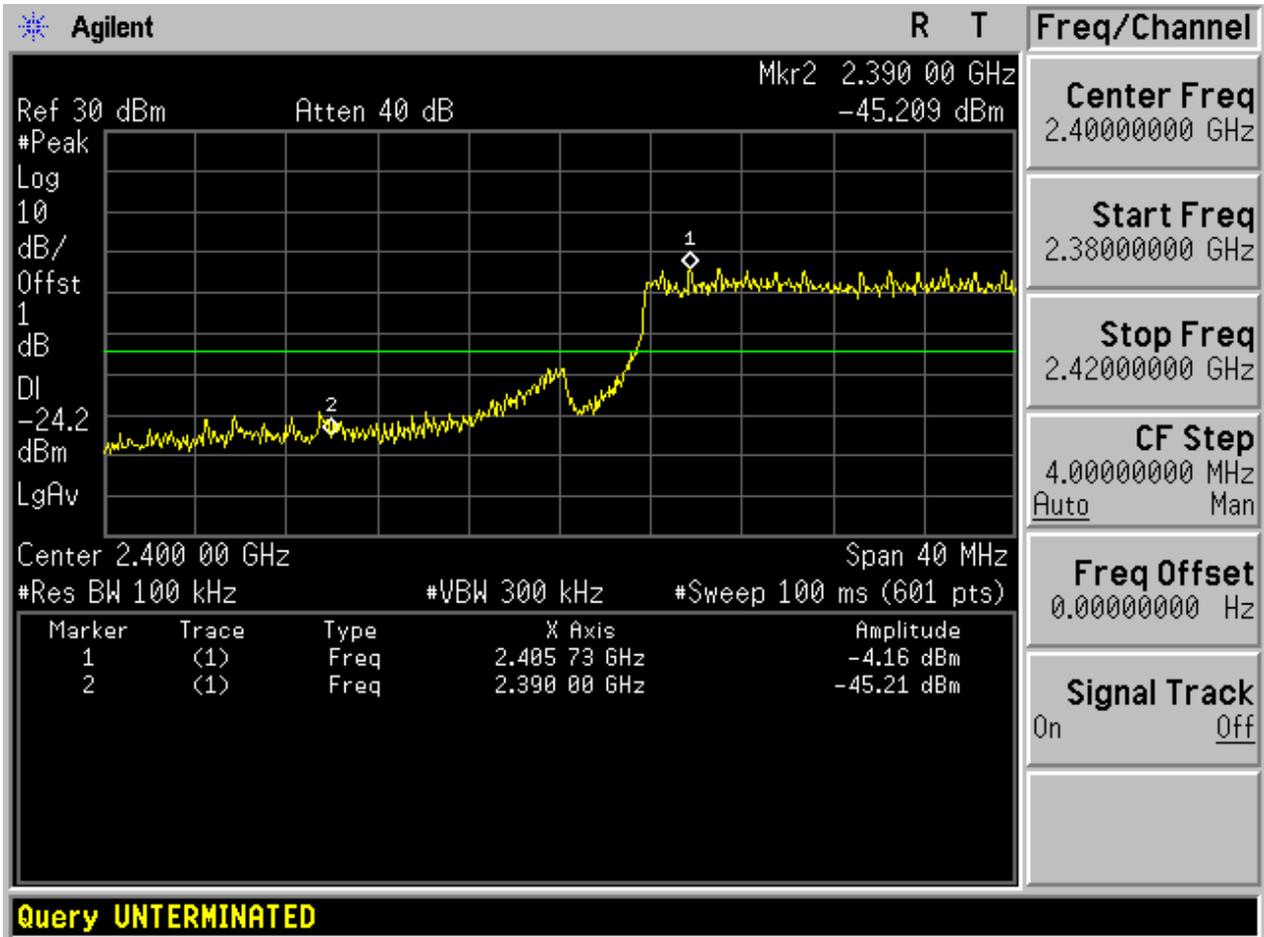
## 2.19 11N40\_H@Ant 1



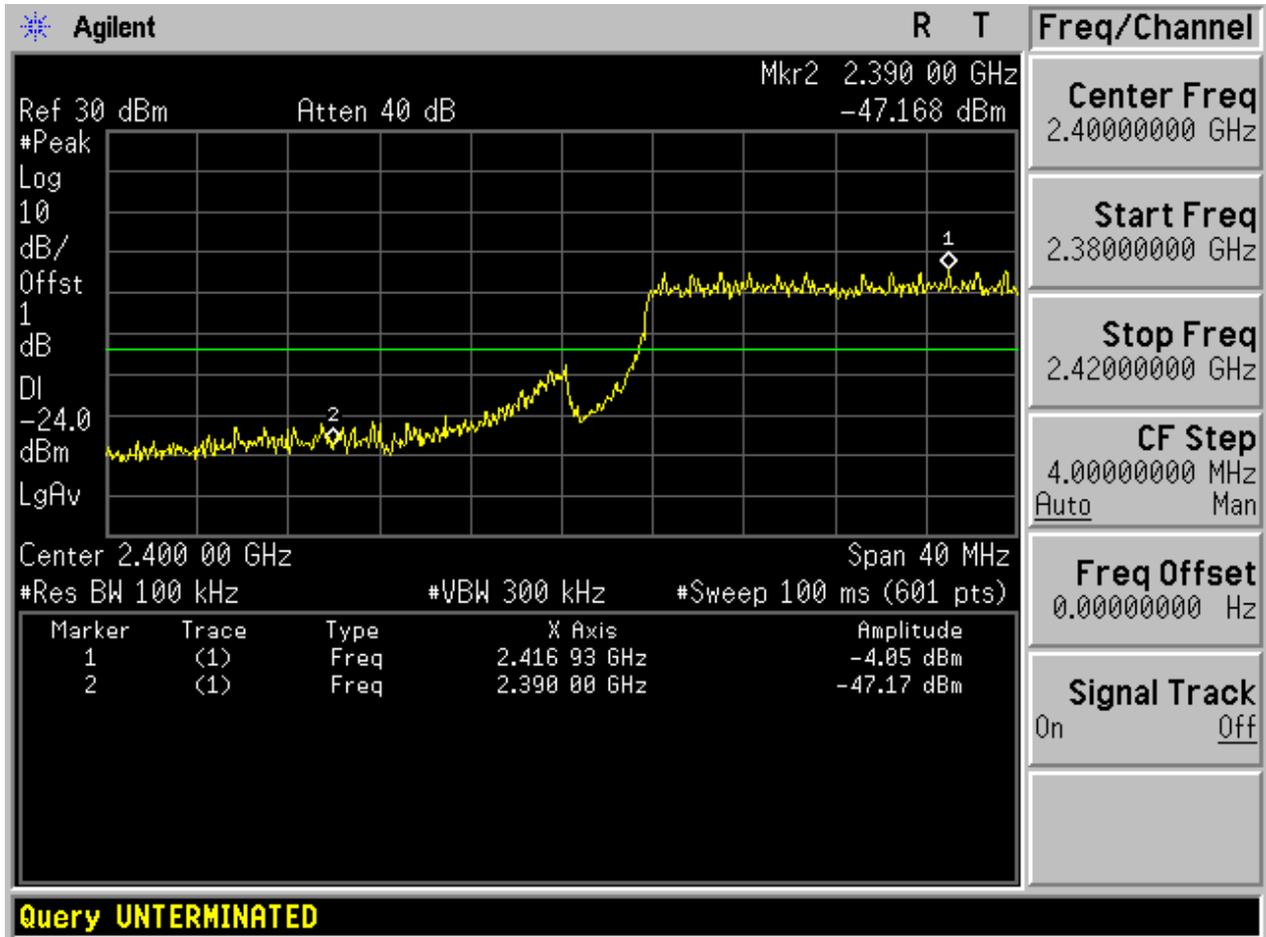
## 2.20 11N40\_H@Ant 2



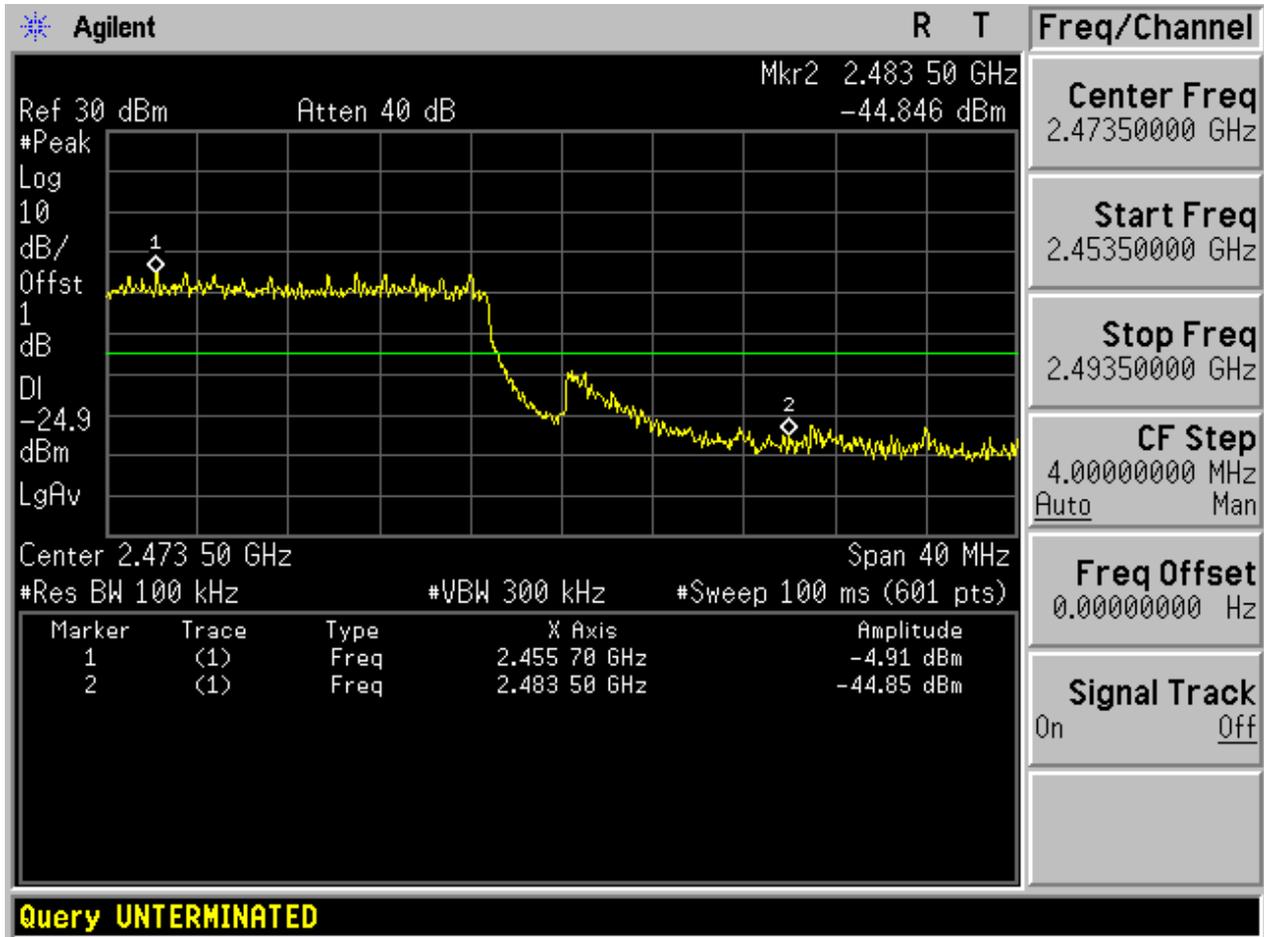
2.21 11N40m\_L@Ant 1



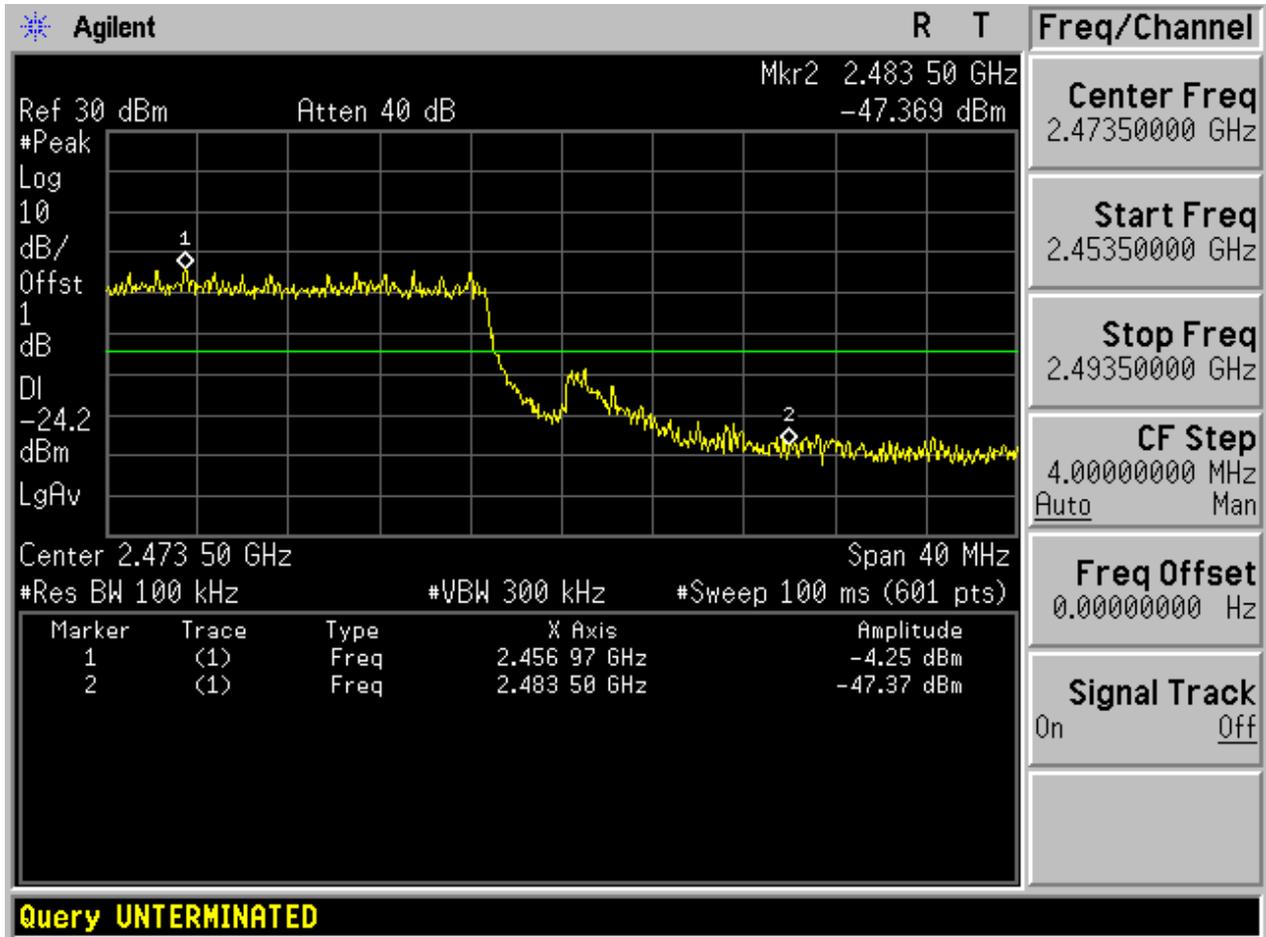
## 2.22 11N40m\_L@Ant 2



## 2.23 11N40m\_H@Ant 1



## 2.24 11N40m\_H@Ant 2



## Appendix F: Unwanted Emissions into Non-Restricted Frequency Bands

In this Appendix, the "Pref", which is used as the reference level, refers to the peak power level in any 100 kHz bandwidth within the fundamental emission, the "Puw" refers to the maximum emission power in 100 kHz band segments outside of the authorized frequency band.

Considering that the higher ratio of RBW to the span for the frequency ranges below 30 MHz makes the results determination be complicated, a narrower RBW other than 100 kHz is used for these ranges. The measured value should add a RBW correction factor (RBWCF) where  $RBWCF [dB] = 10 \times \lg(100 [kHz]/\text{narrower RBW [kHz]})$ . As to this Appendix, the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain and used as respective results for each chain, due to the relative-limit requirement.

In the result table, the "< Limit" denotes that "The Puw [dBm] is less than Pref[dBm]-20[dBm], see test plots for detailed".

**Part I - Test Results**

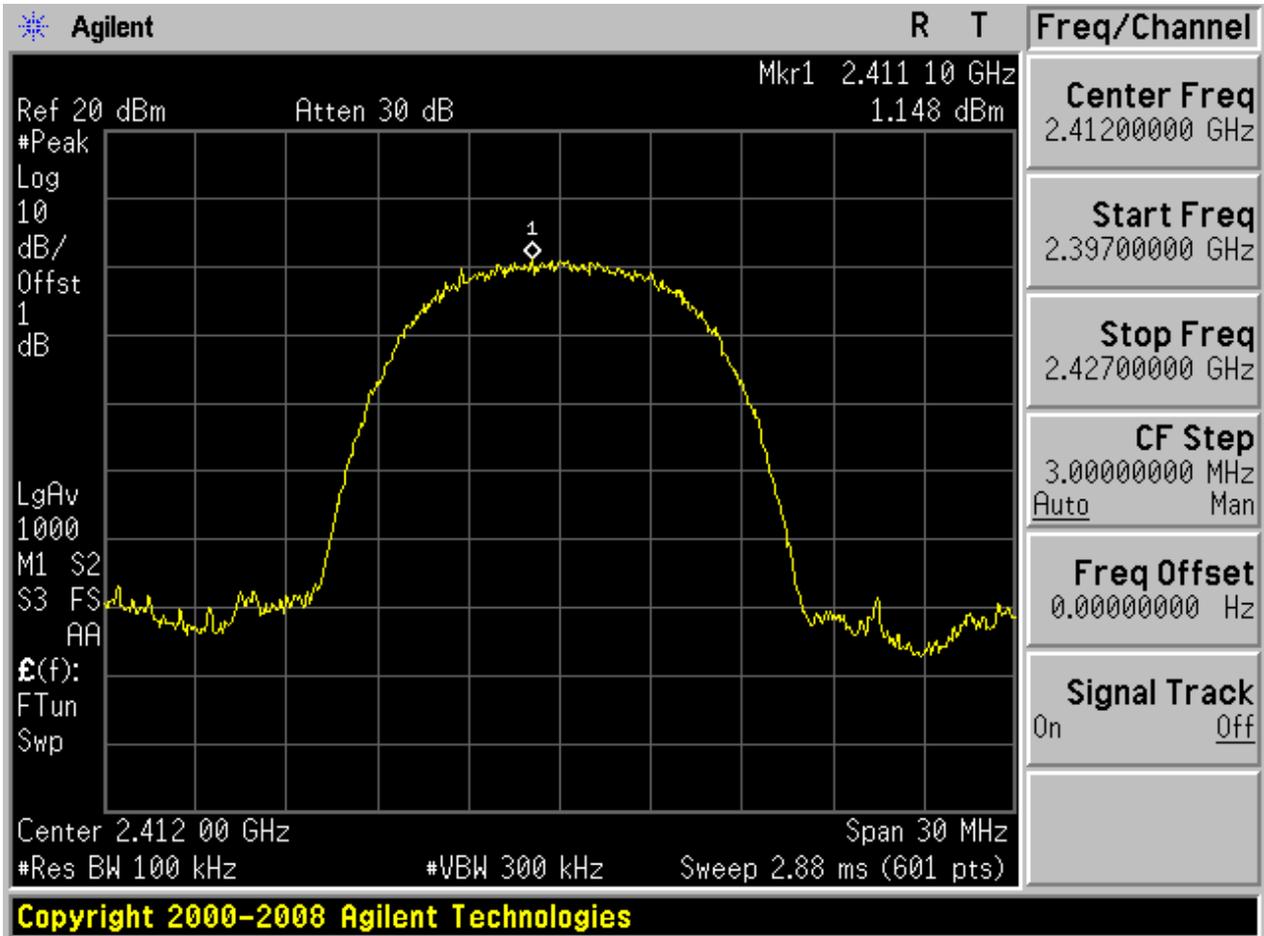
Test Mode	Test Channel	Frequency[MHz]	Ant	Pref[dBm]	Puw[dBm]	Verdict
11B	L	2412	Ant 1	1.15	<limit	pass
11B	L	2412	Ant 2	2.04	<limit	pass
11B	M	2437	Ant 1	1.15	<limit	pass
11B	M	2437	Ant 2	2.14	<limit	pass
11B	H	2462	Ant 1	1.27	<limit	pass
11B	H	2462	Ant 2	1.92	<limit	pass
11G	L	2412	Ant 1	-0.83	<limit	pass
11G	L	2412	Ant 2	-1.1	<limit	pass
11G	M	2437	Ant 1	-0.96	<limit	pass
11G	M	2437	Ant 2	-0.76	<limit	pass
11G	H	2462	Ant 1	-1.6	<limit	pass
11G	H	2462	Ant 2	-0.64	<limit	pass
11N20	L	2412	Ant 1	-0.75	<limit	pass
11N20	L	2412	Ant 2	-1.06	<limit	pass
11N20	M	2437	Ant 1	-1.09	<limit	pass
11N20	M	2437	Ant 2	-0.81	<limit	pass
11N20	H	2462	Ant 1	-1.6	<limit	pass
11N20	H	2462	Ant 2	-0.54	<limit	pass
11N20m	L	2412	Ant 1	-0.74	<limit	pass
11N20m	L	2412	Ant 2	-1.42	<limit	pass
11N20m	M	2437	Ant 1	-0.91	<limit	pass
11N20m	M	2437	Ant 2	-1.1	<limit	pass
11N20m	H	2462	Ant 1	-1.42	<limit	pass
11N20m	H	2462	Ant 2	-0.62	<limit	pass
11N40	L	2422	Ant 1	-3.79	<limit	pass
11N40	L	2422	Ant 2	-4.12	<limit	pass
11N40	M	2437	Ant 1	-4.13	<limit	pass
11N40	M	2437	Ant 2	-3.92	<limit	pass
11N40	H	2452	Ant 1	-4.56	<limit	pass
11N40	H	2452	Ant 2	-3.85	<limit	pass
11N40m	L	2422	Ant 1	-3.76	<limit	pass
11N40m	L	2422	Ant 2	-3.73	<limit	pass
11N40m	M	2437	Ant 1	-3.95	<limit	pass
11N40m	M	2437	Ant 2	-3.71	<limit	pass
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11N40m	H	2452	Ant 2	-3.44	<limit	pass



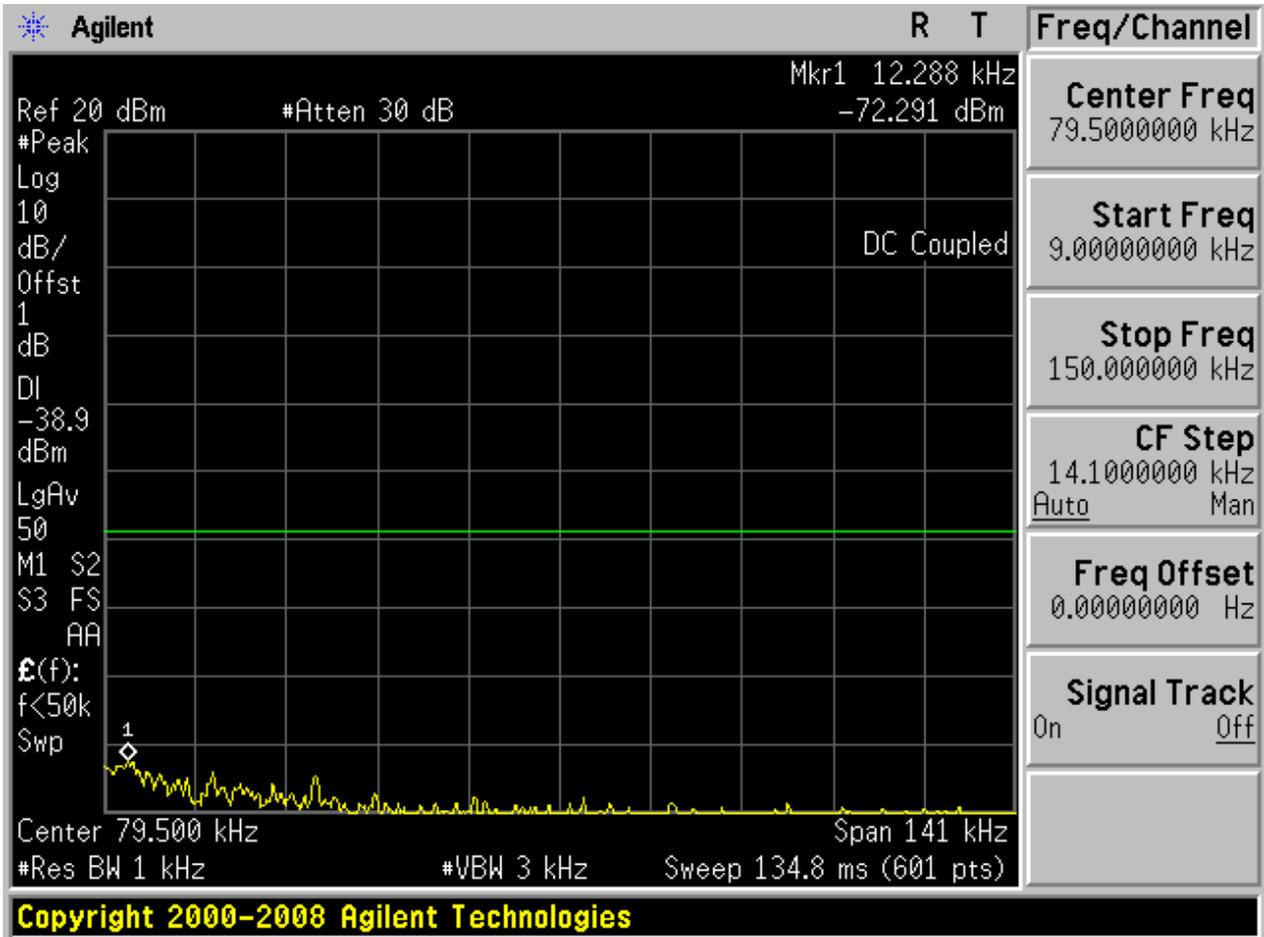
## Part II - Test Plots

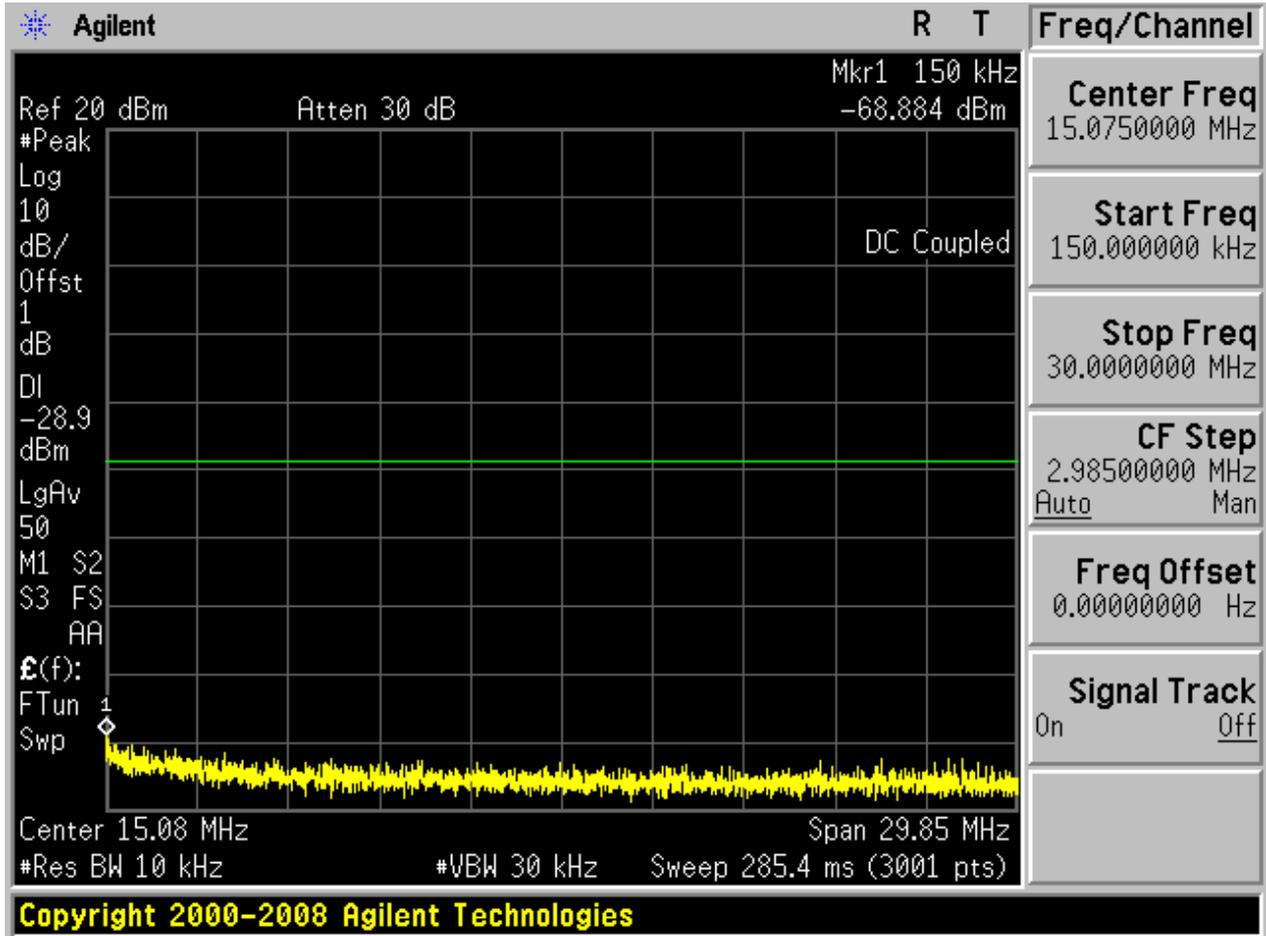
### 2.1 11B\_L@Ant 1

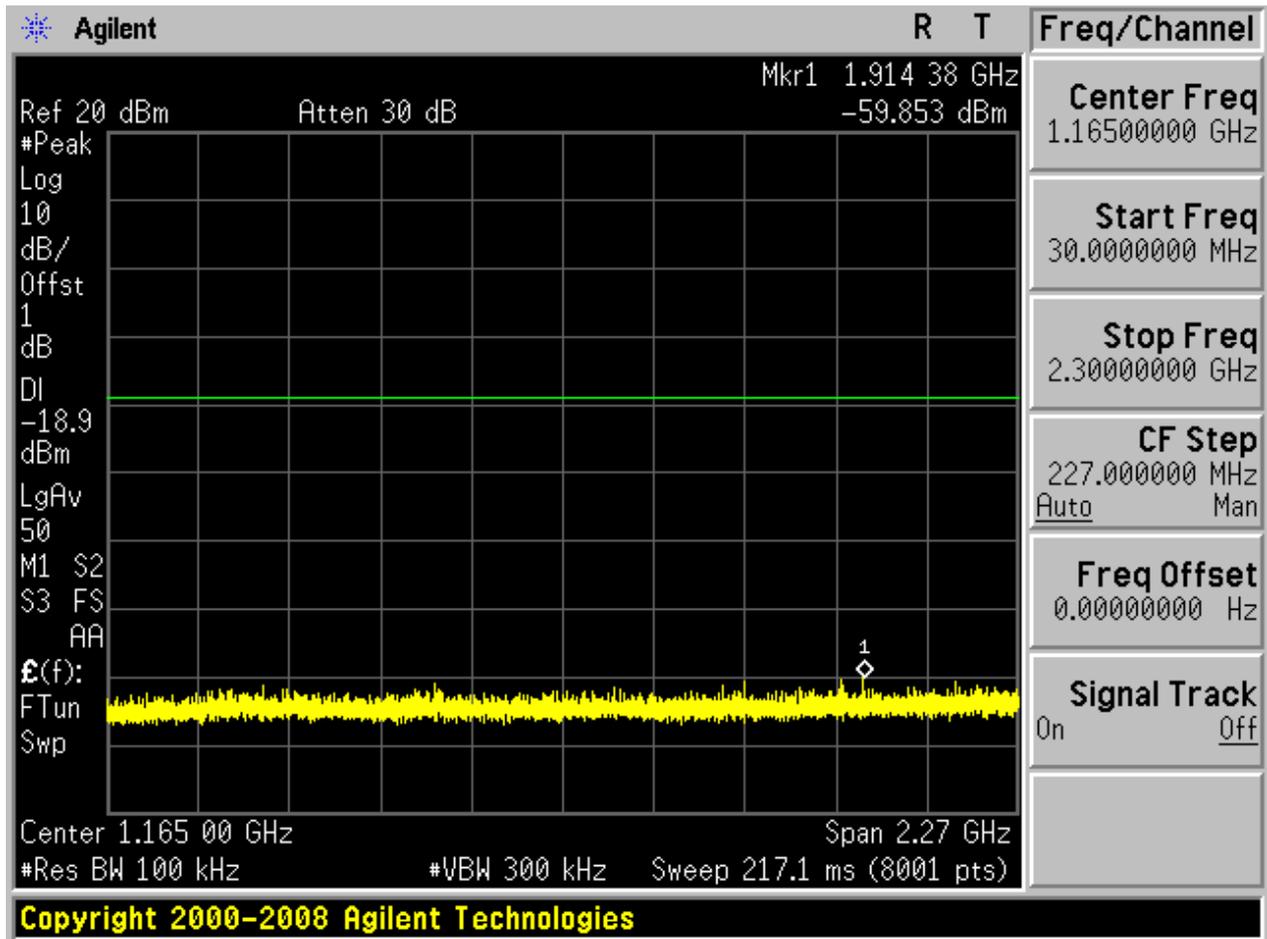
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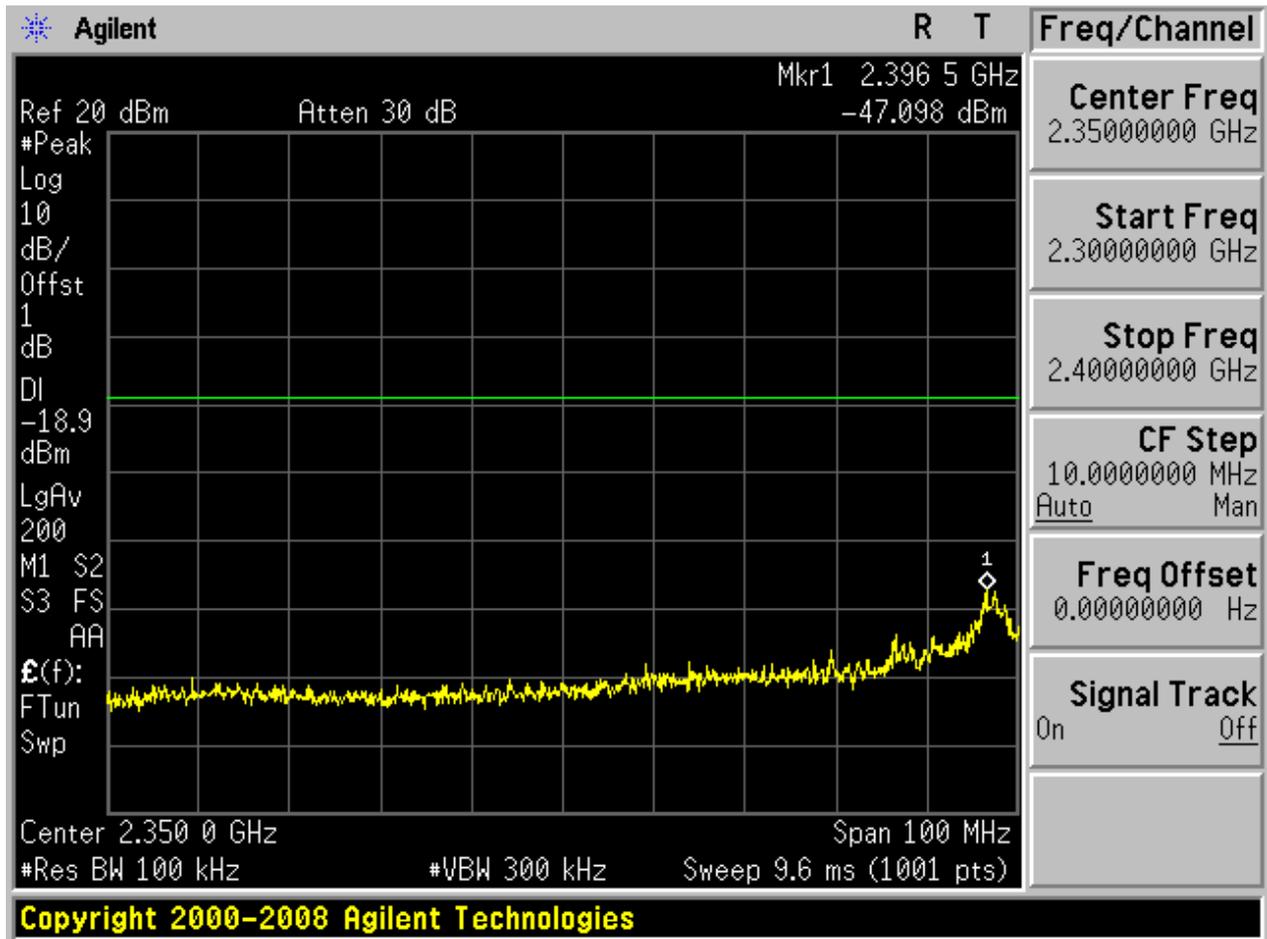


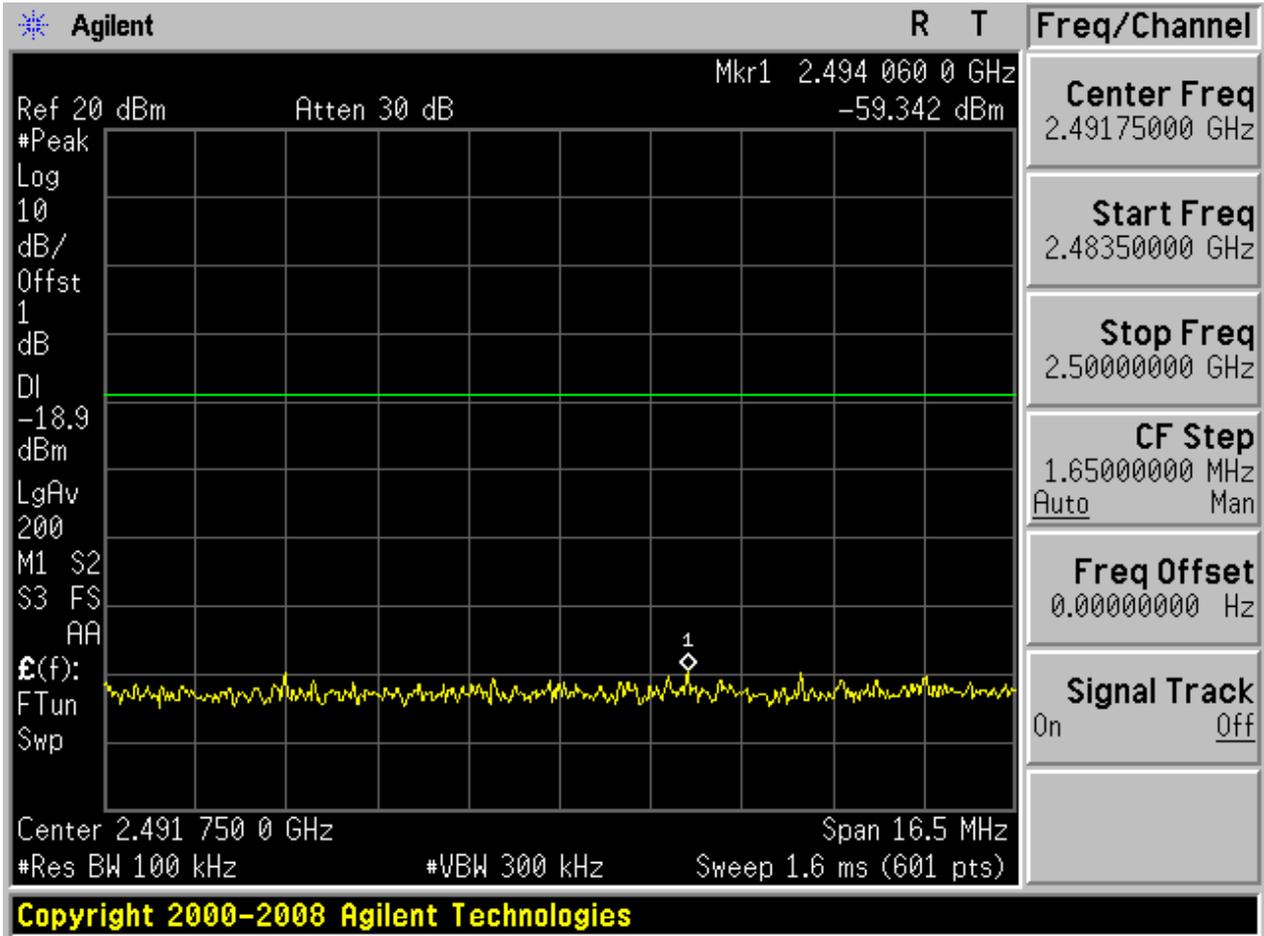
Puw:

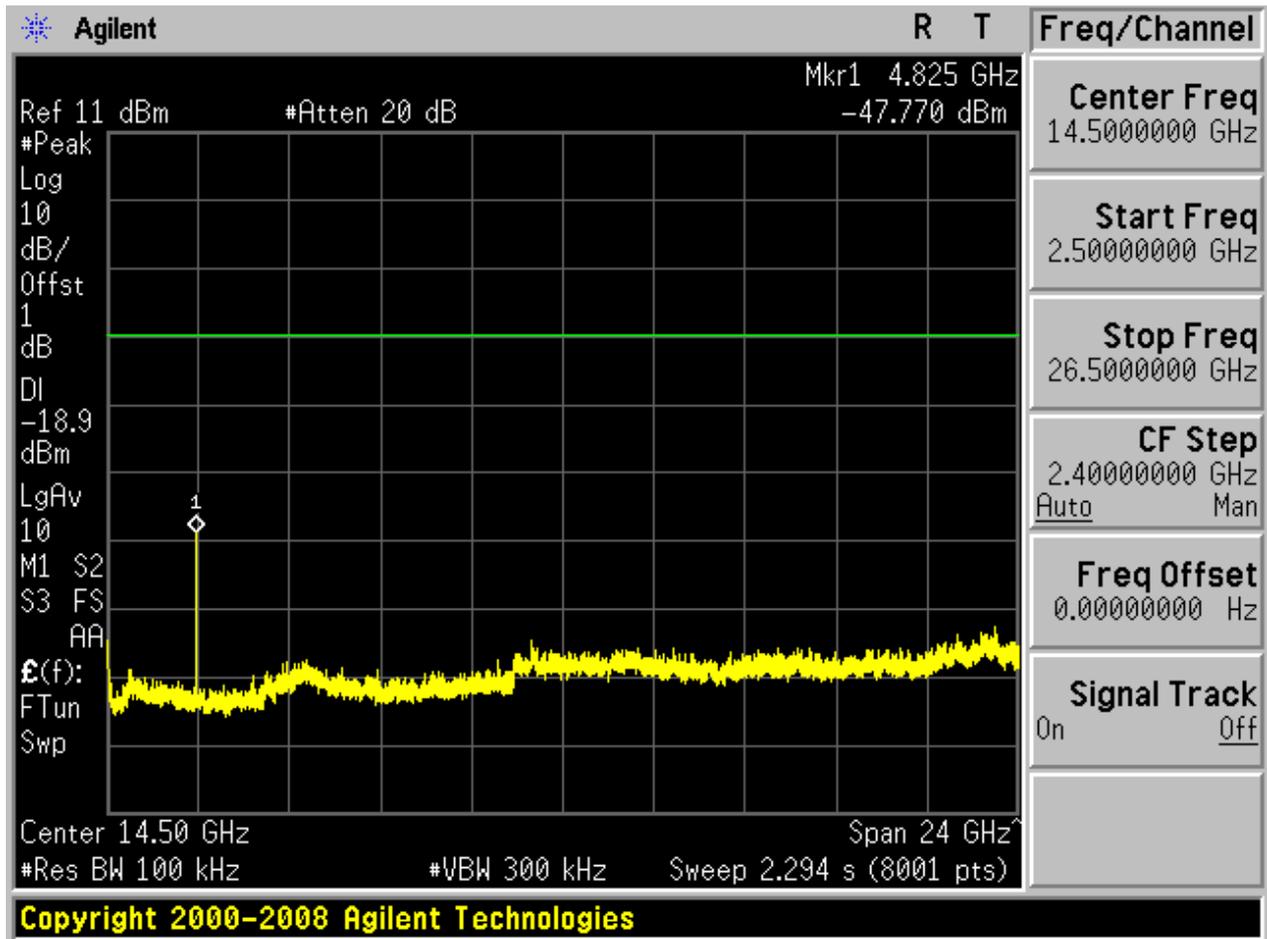








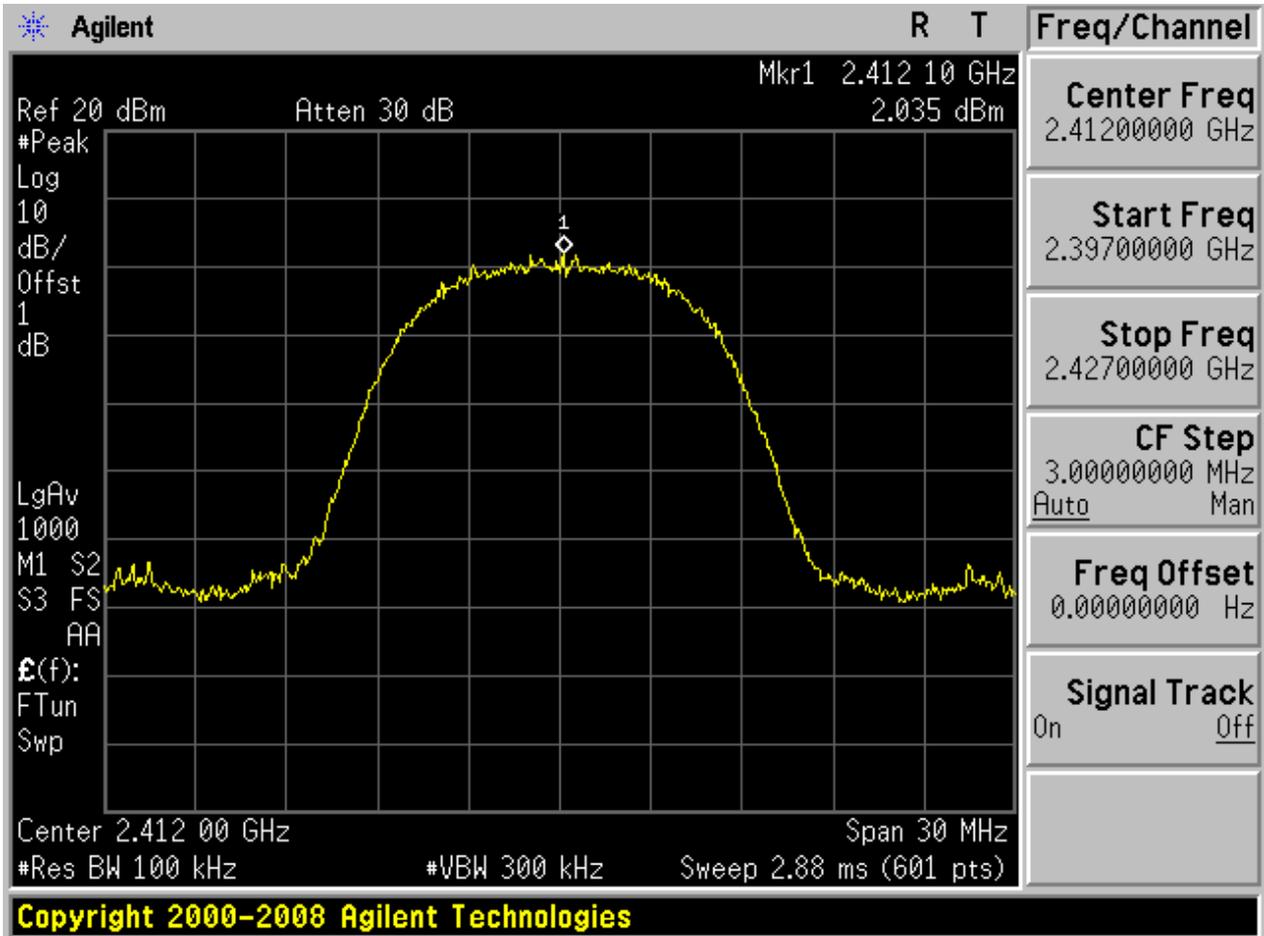




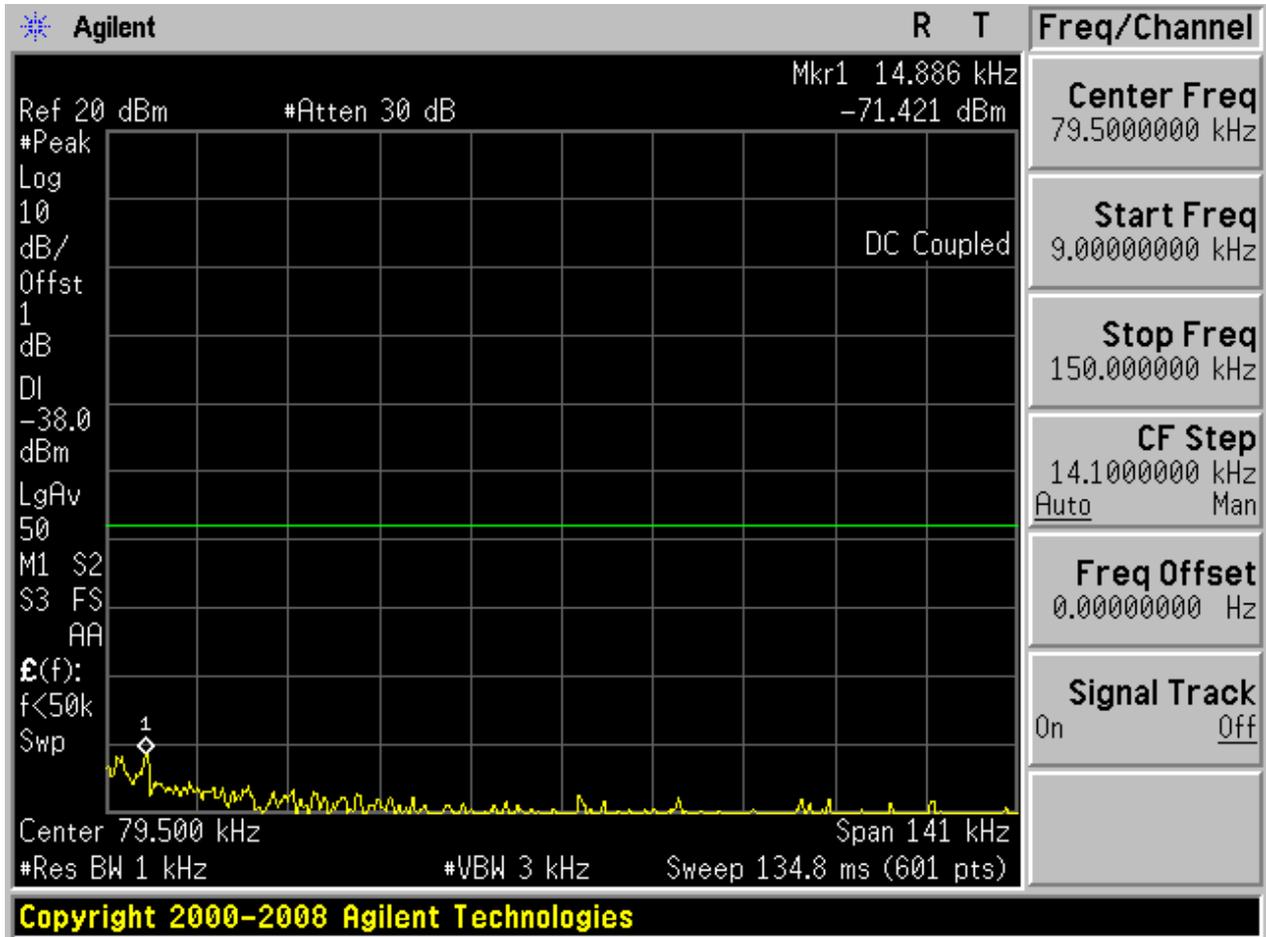


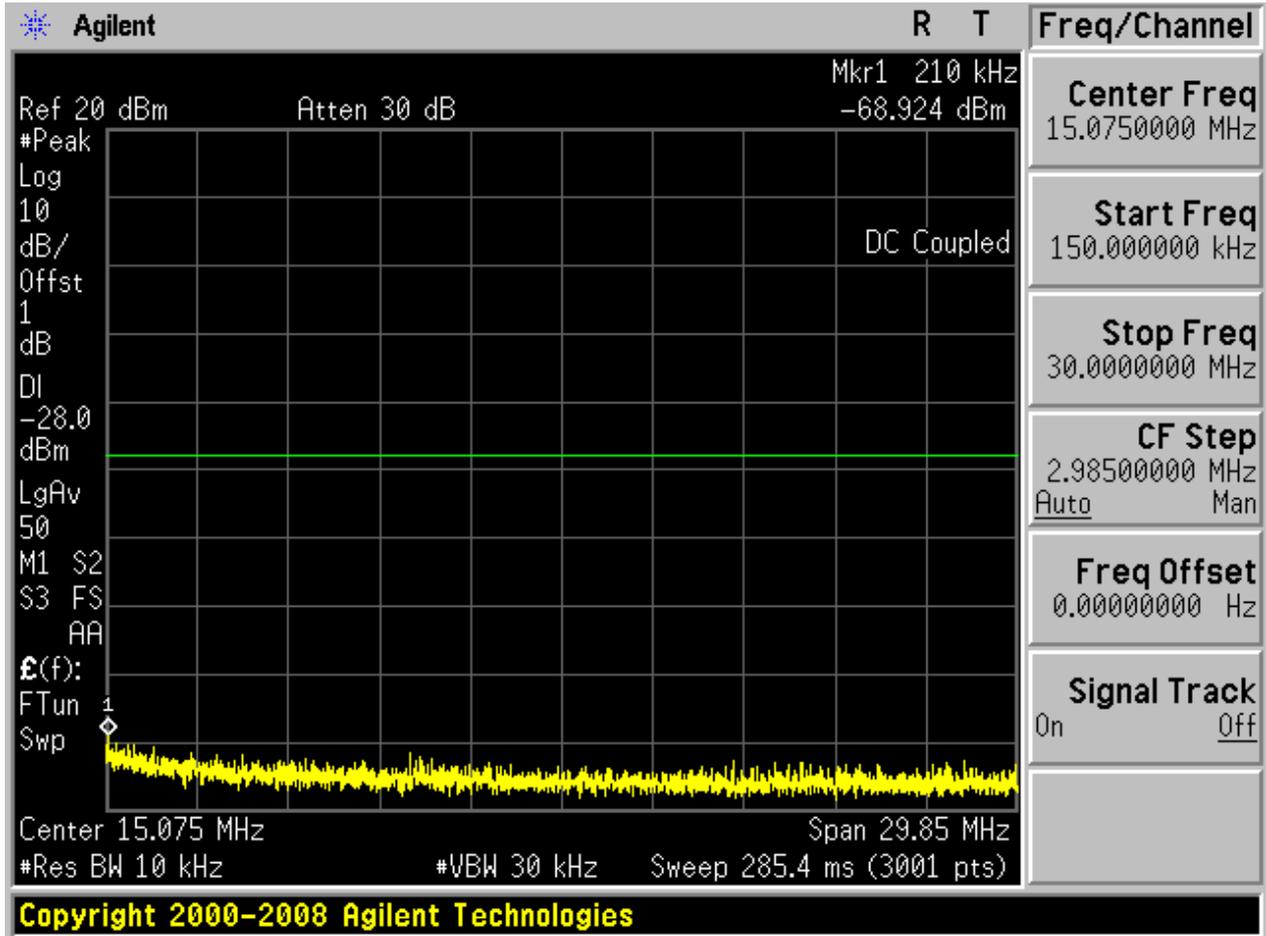
## 2.2 11B\_L@Ant 2

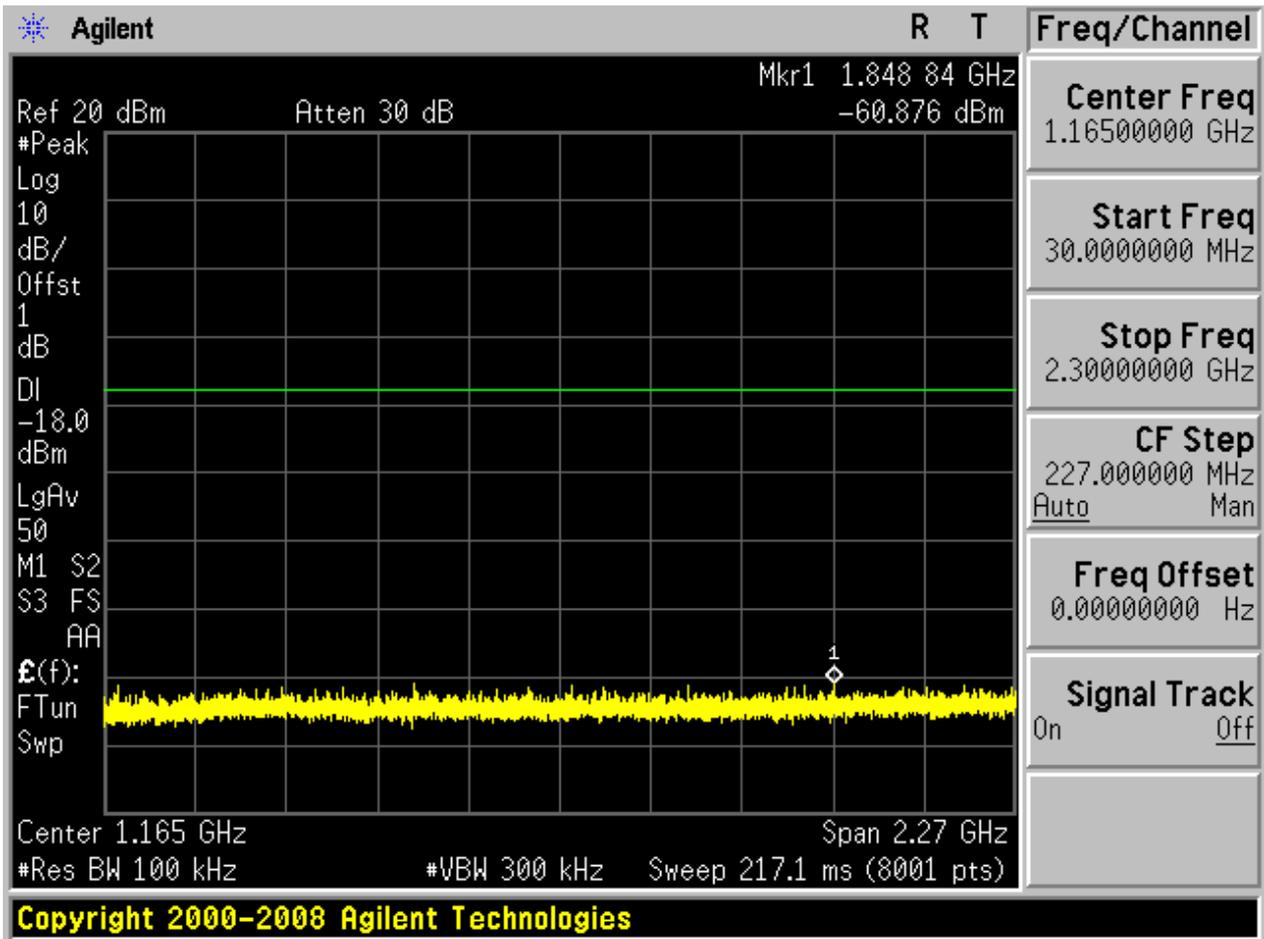
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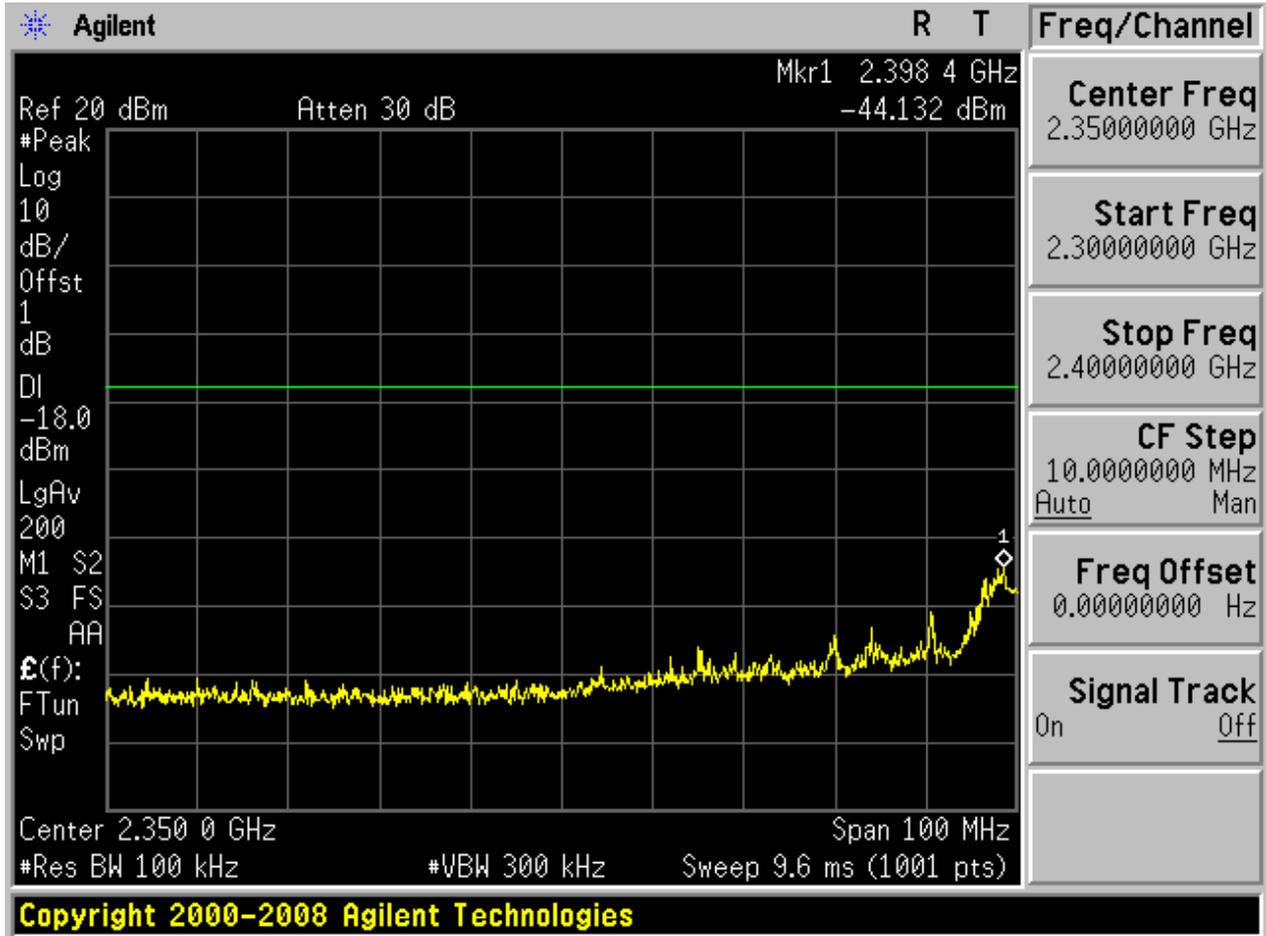


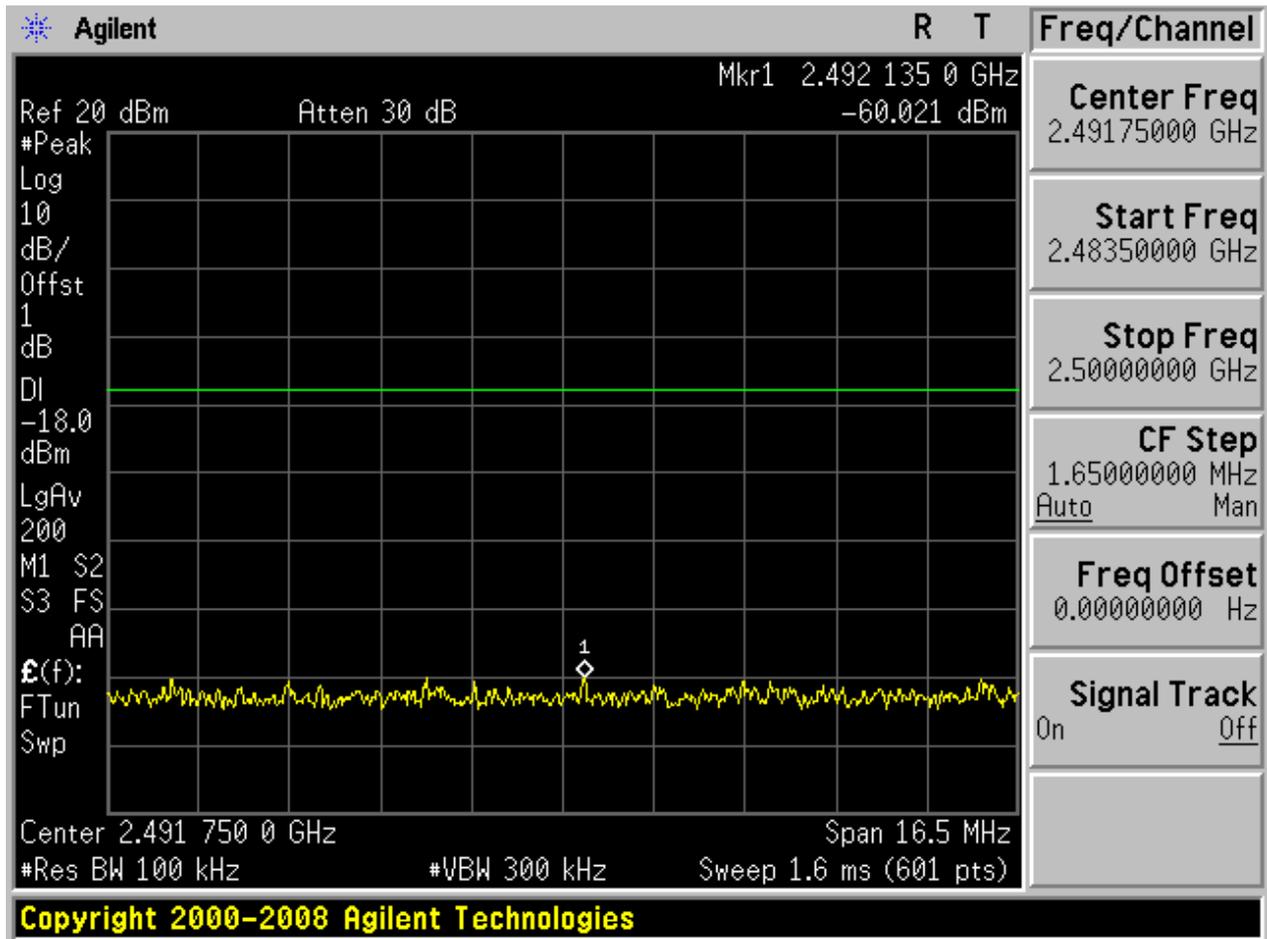
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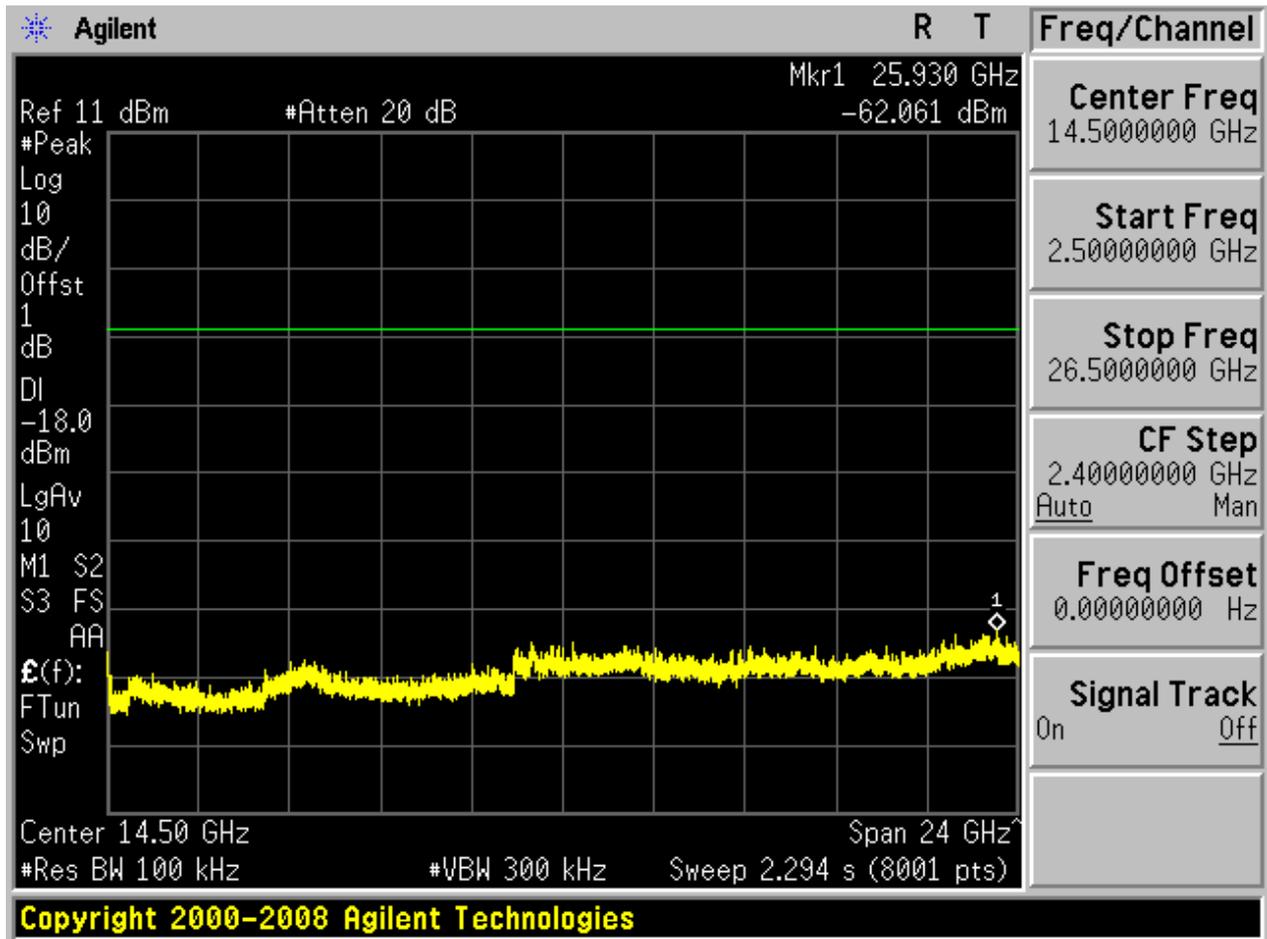






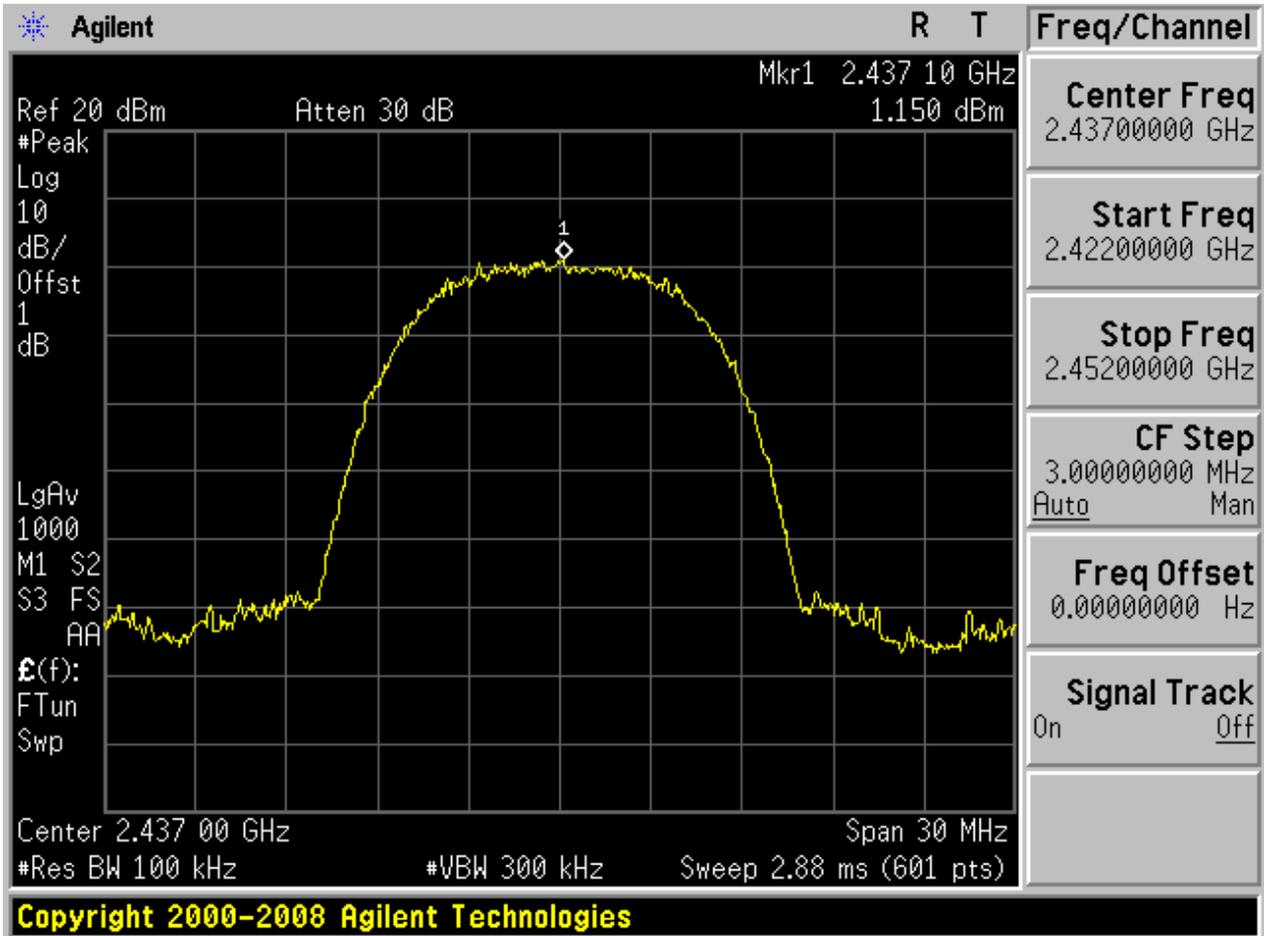




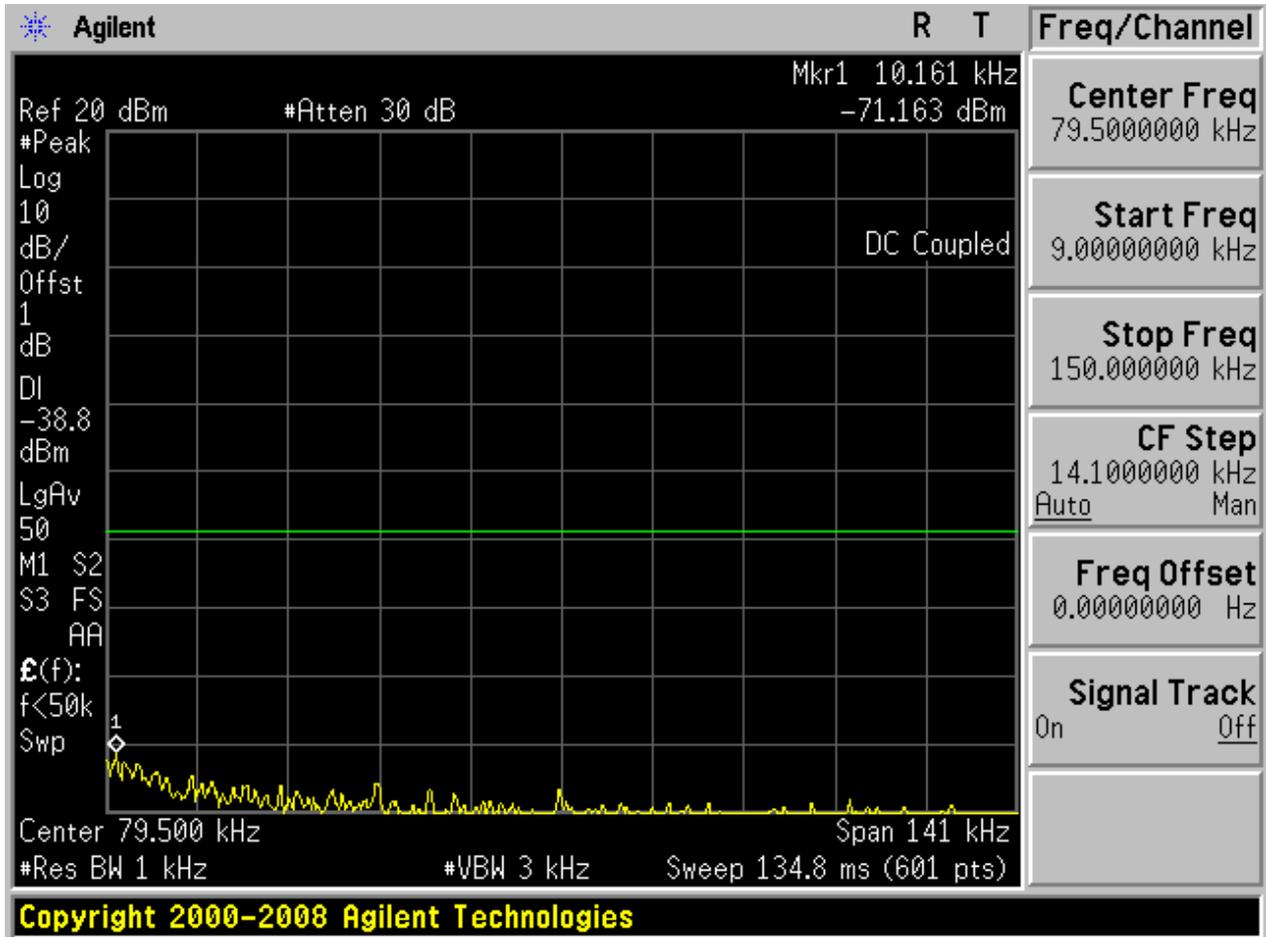


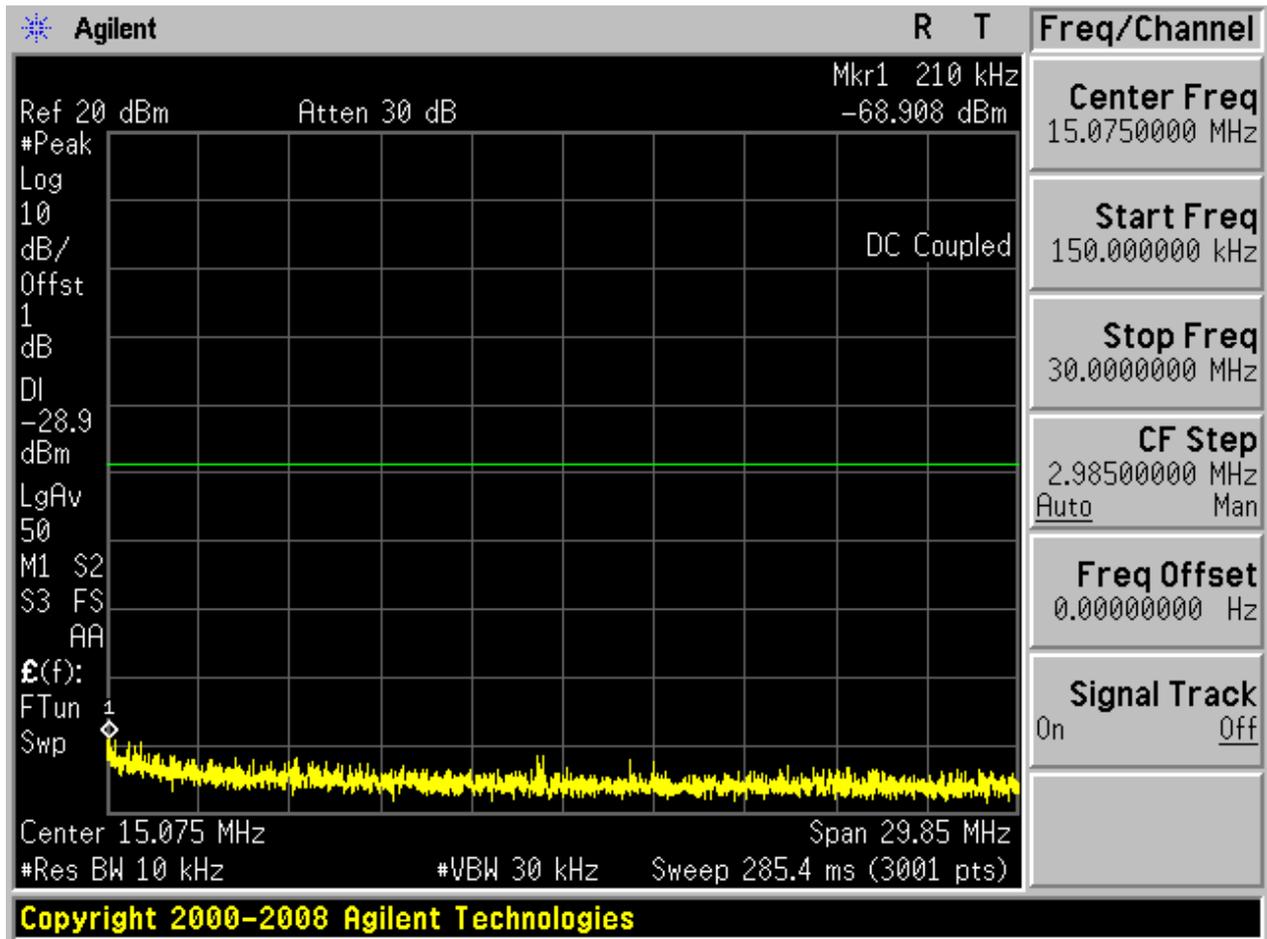
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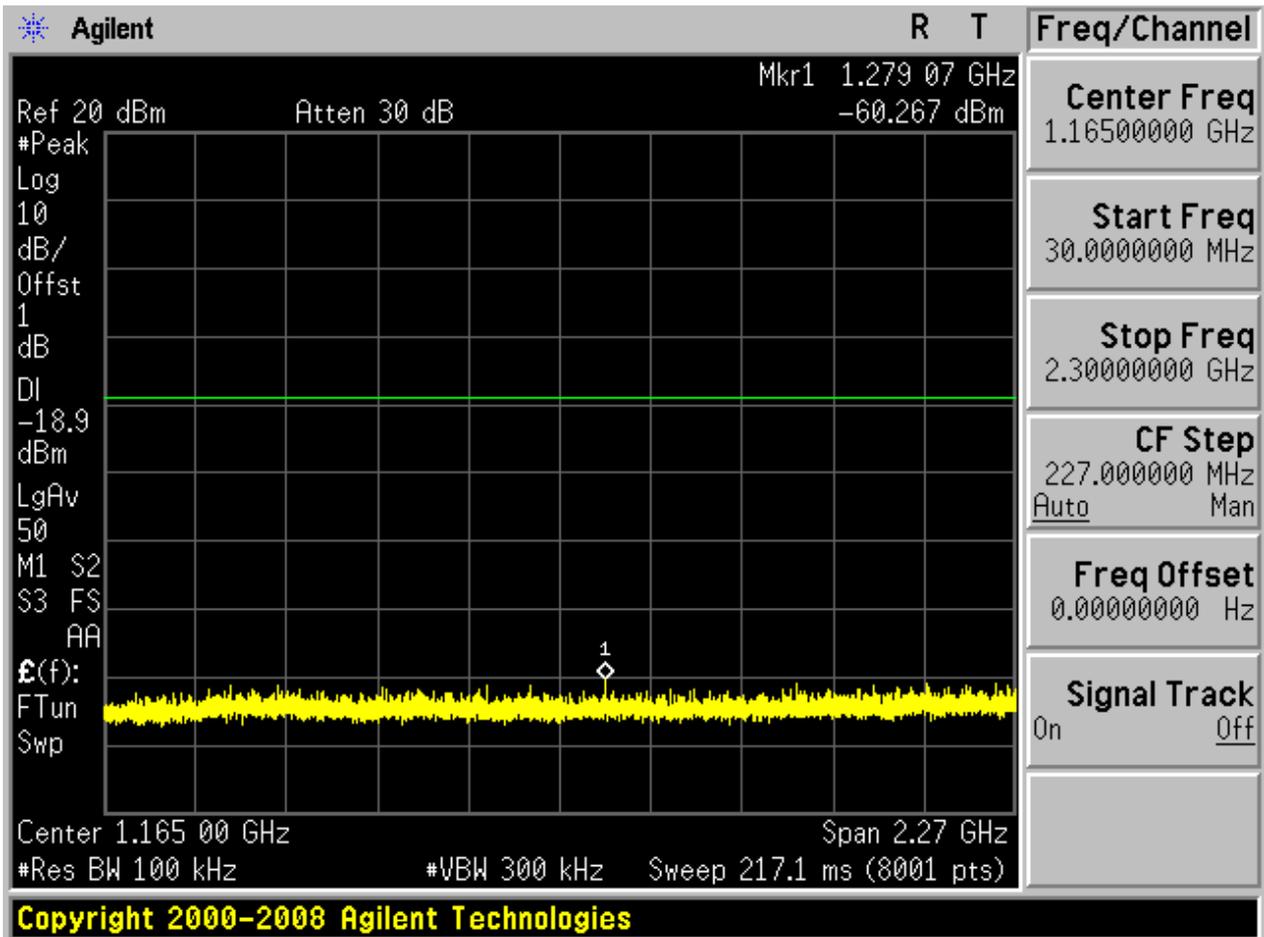
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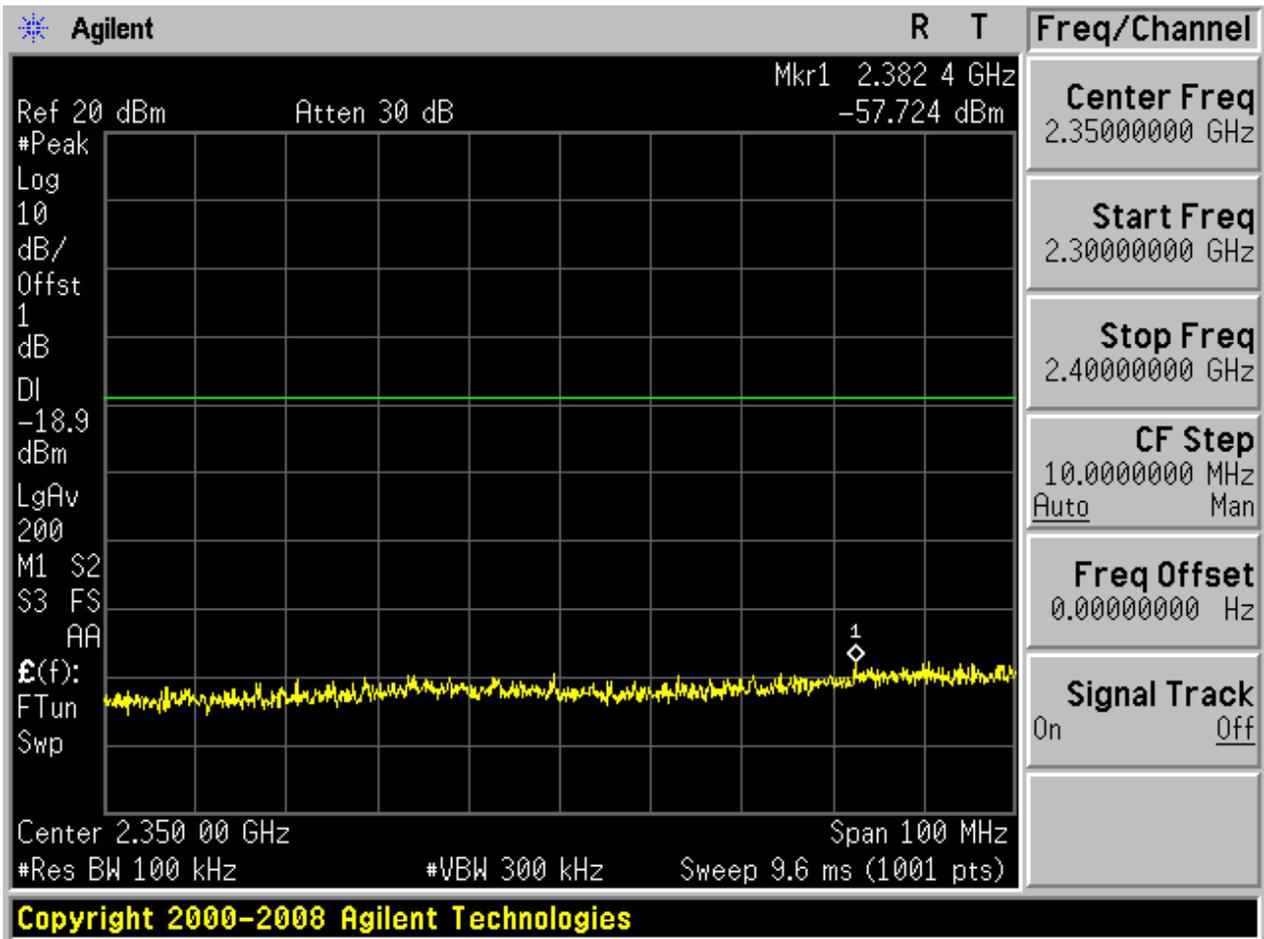


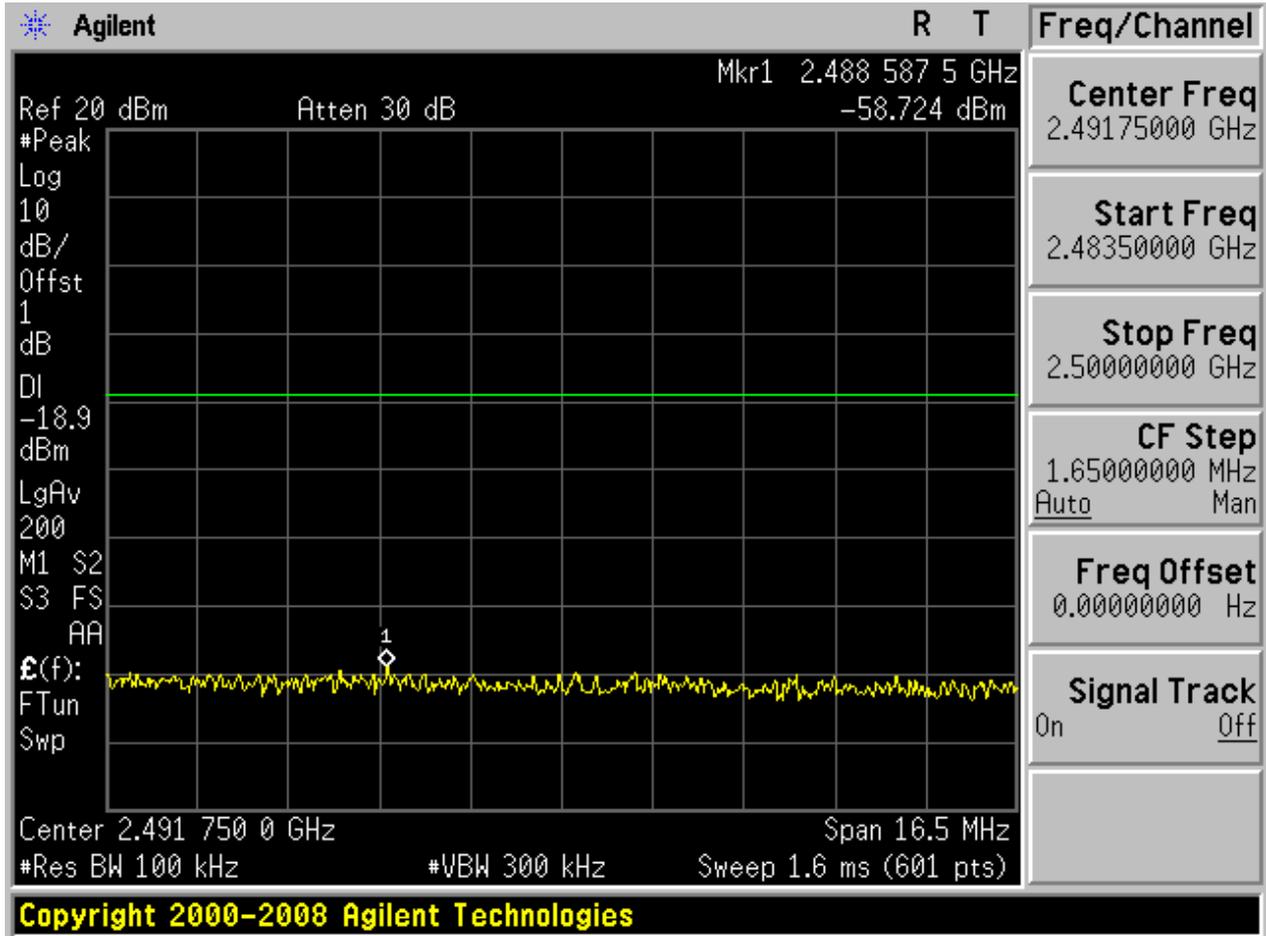
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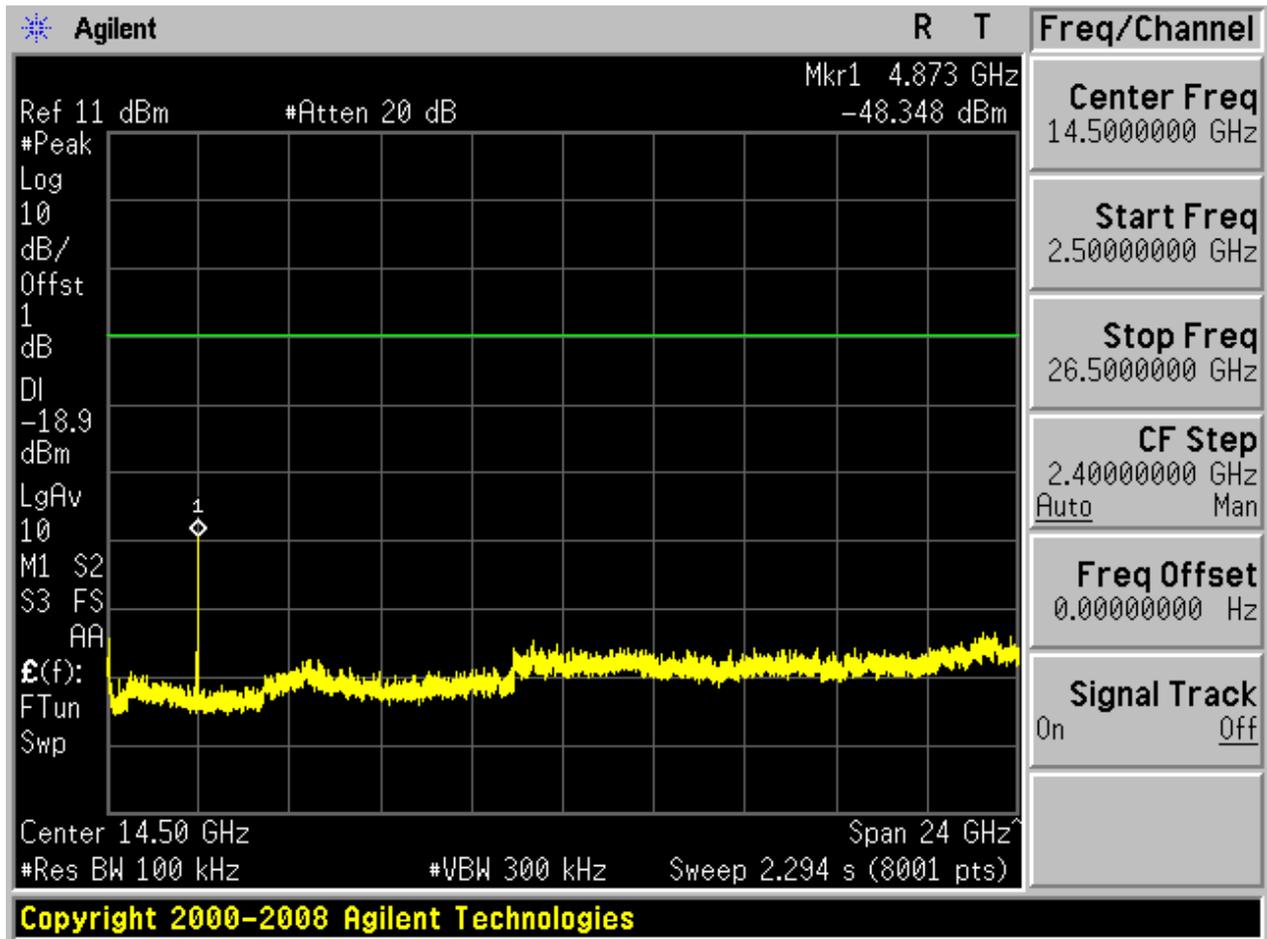






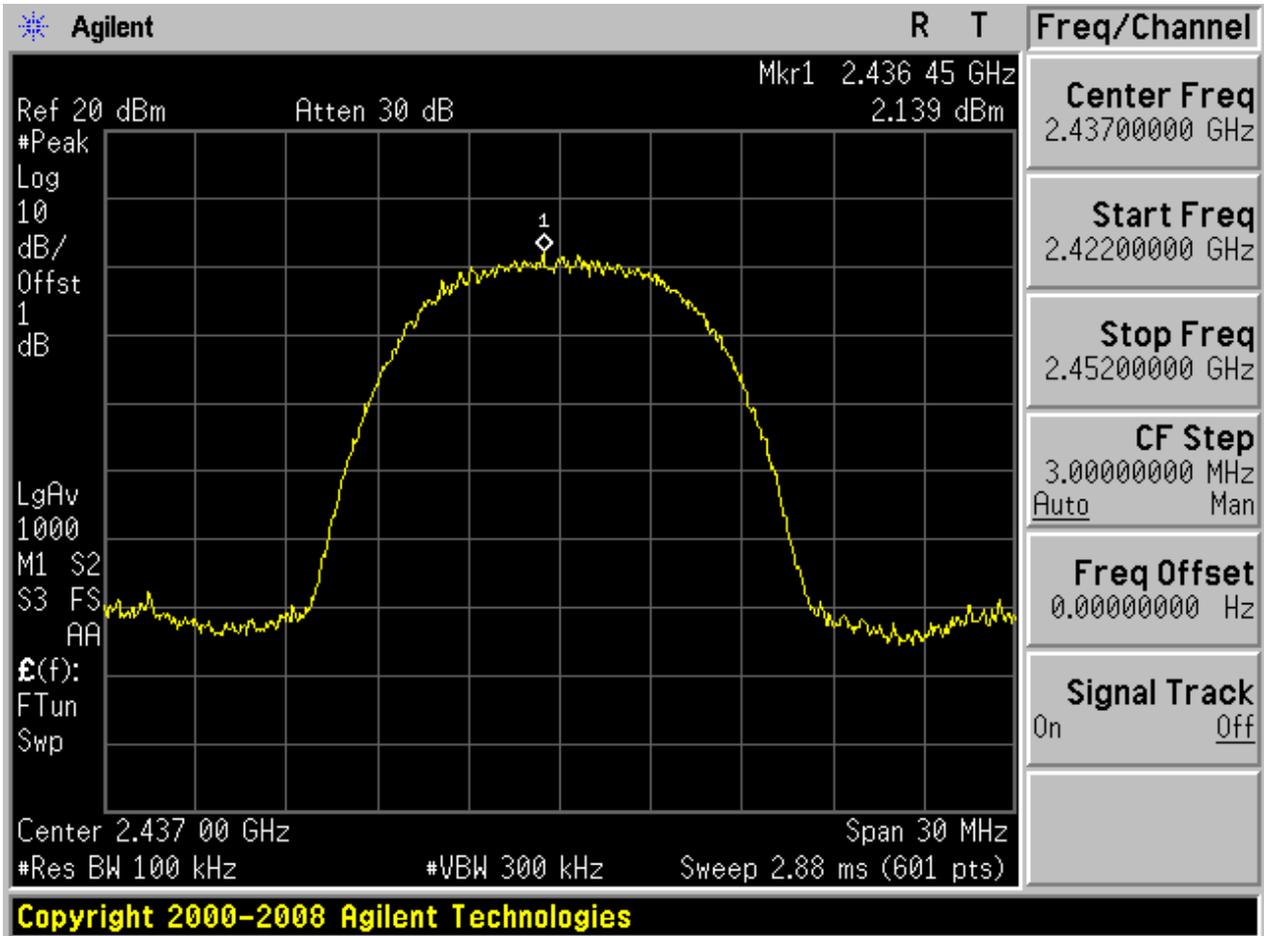




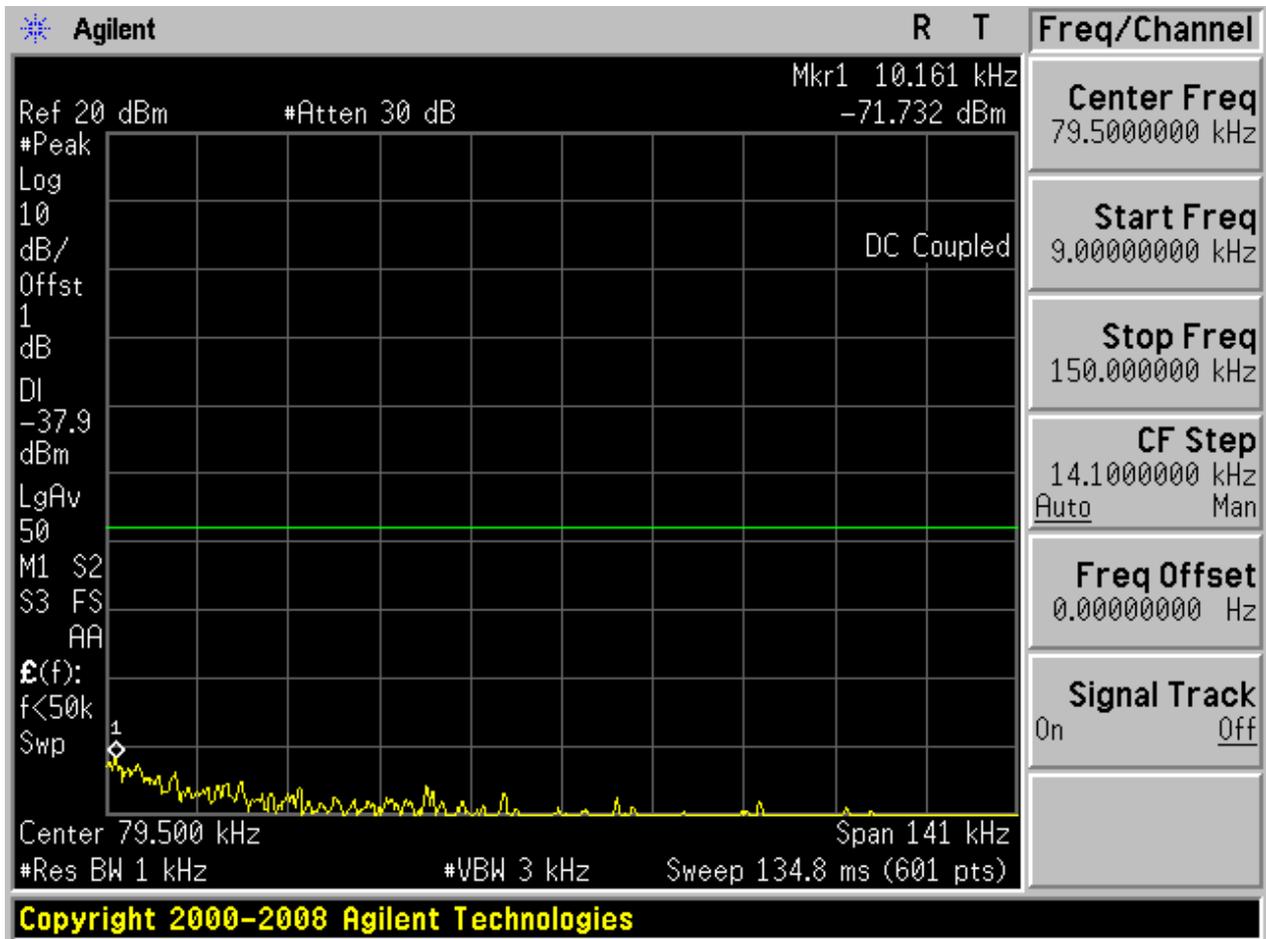


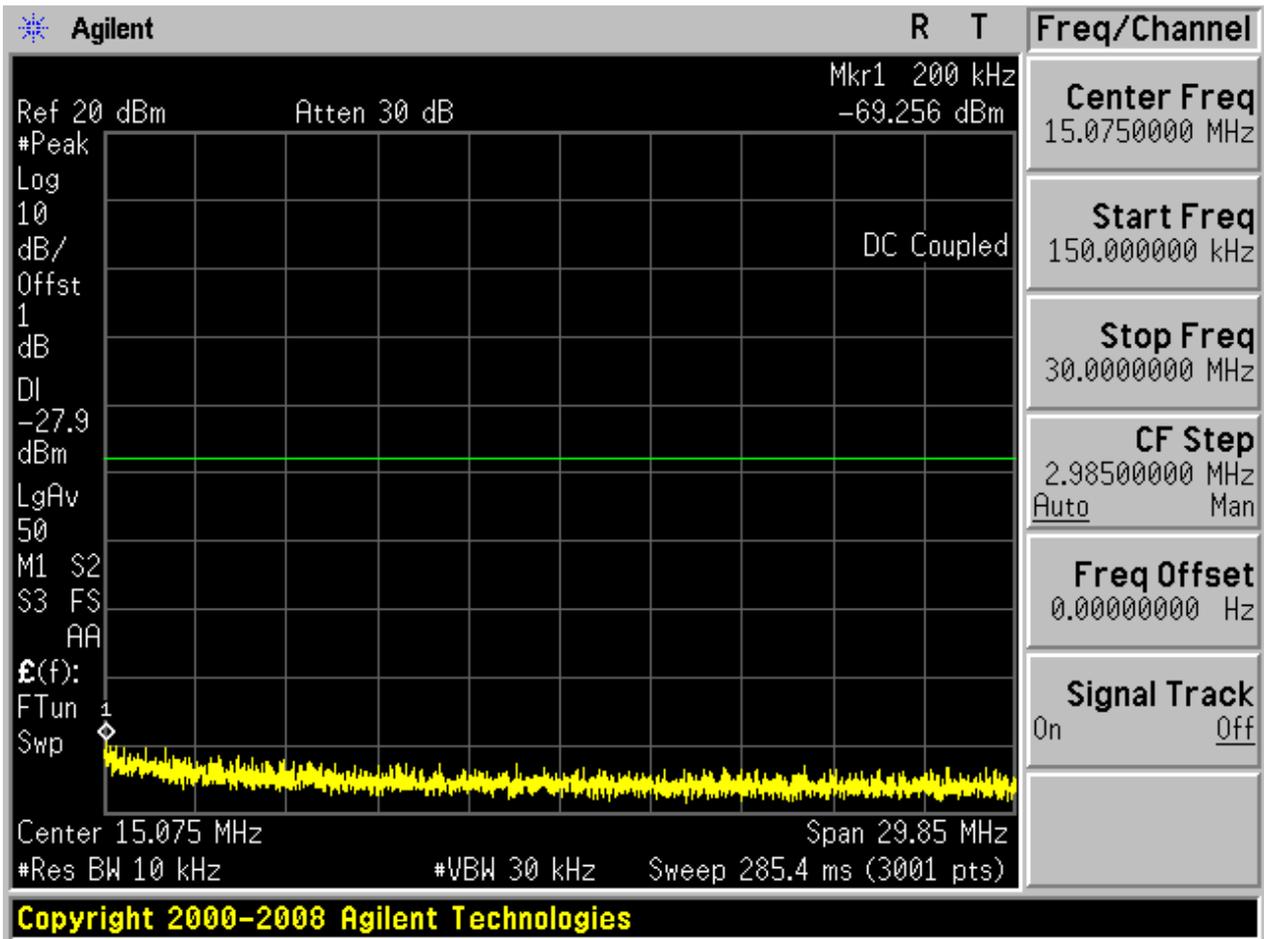
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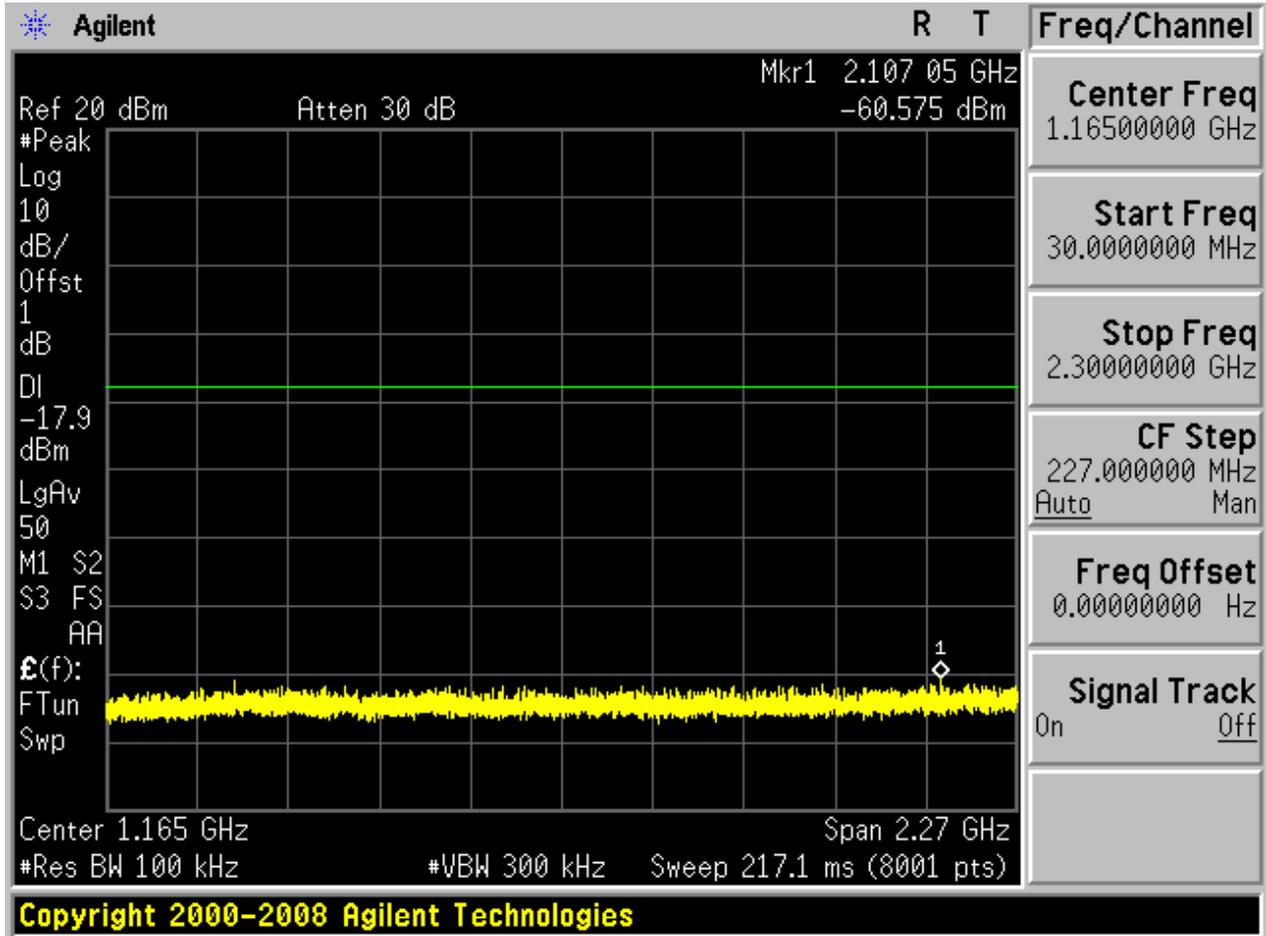
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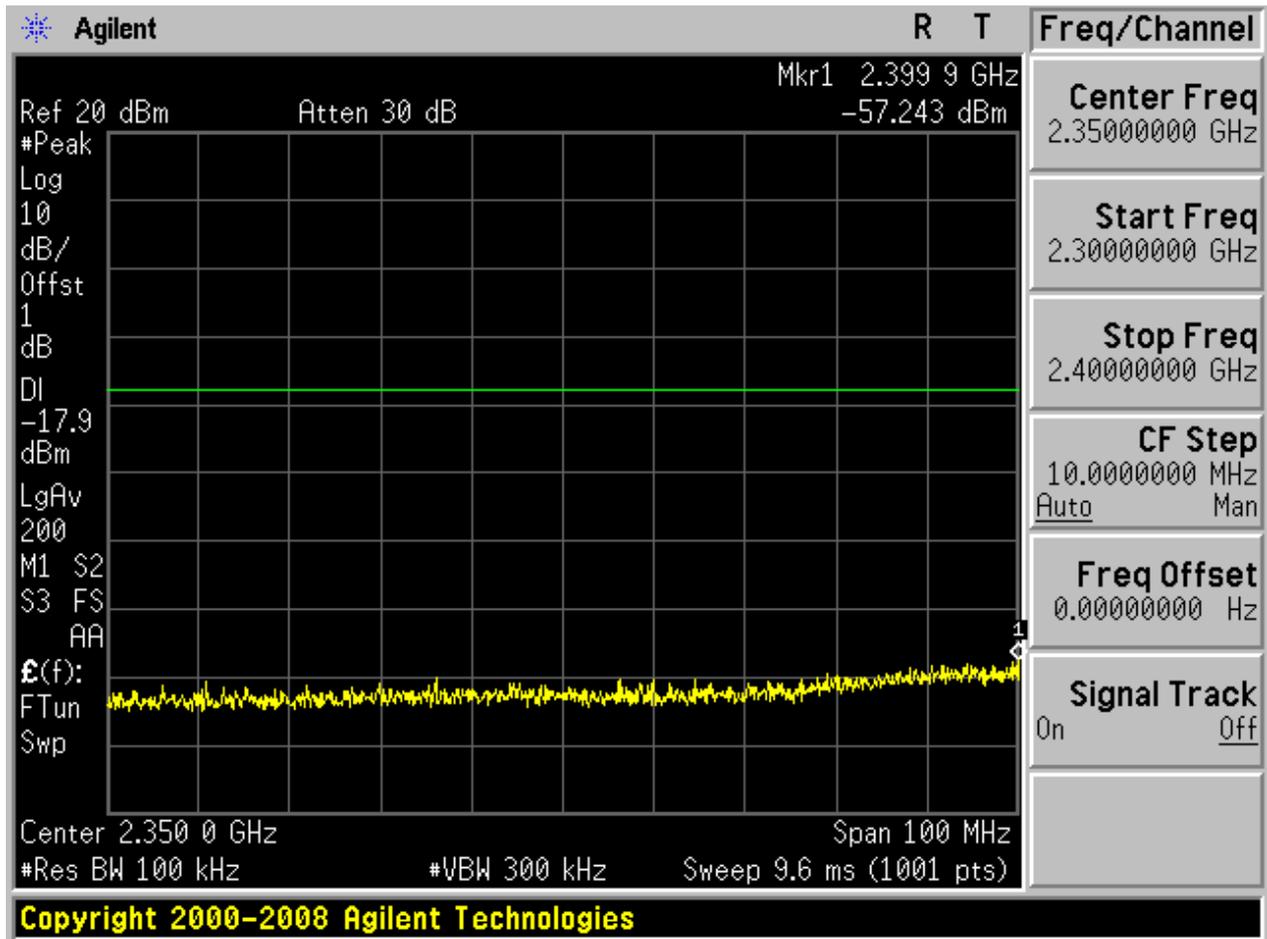


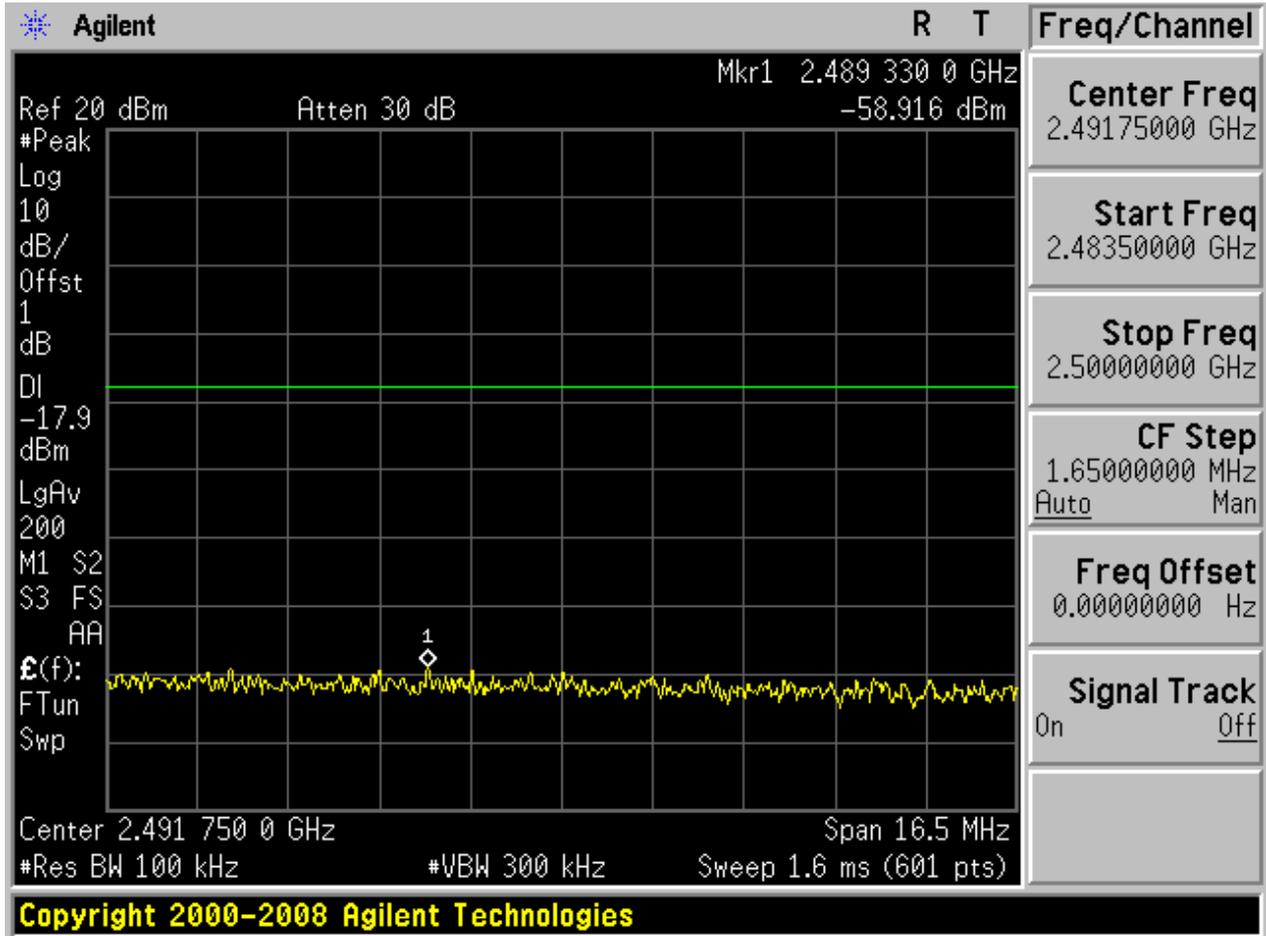
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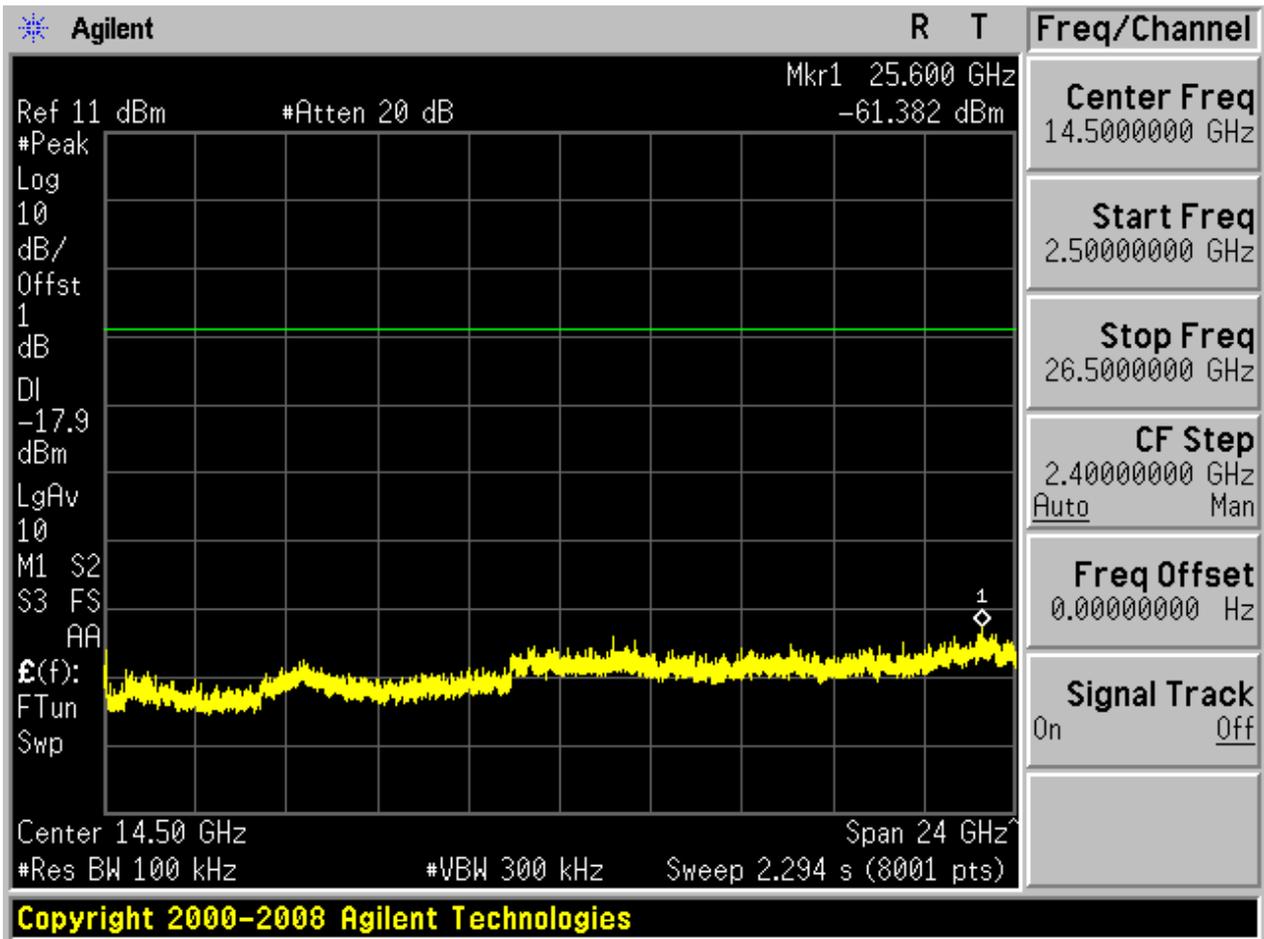








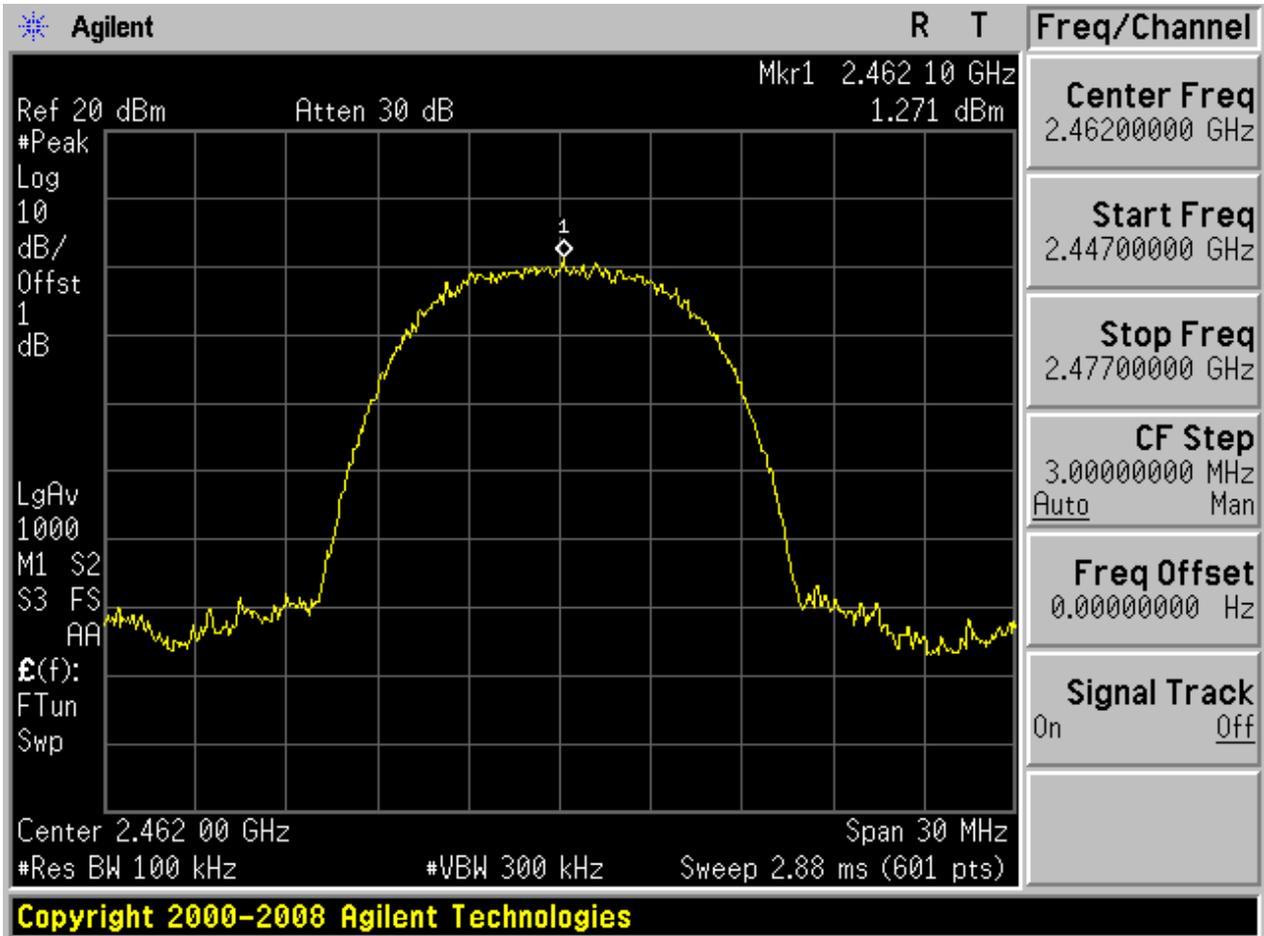






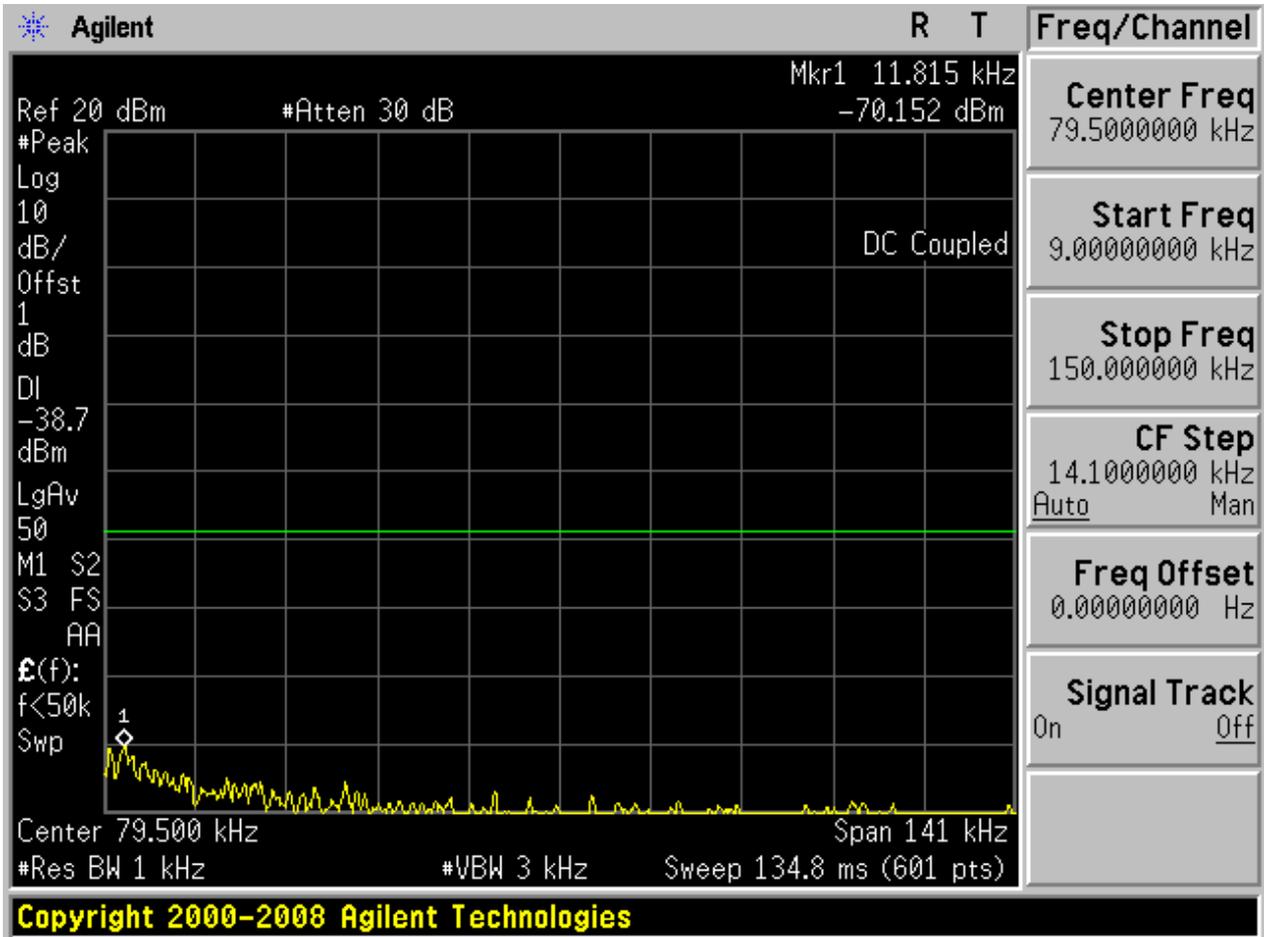
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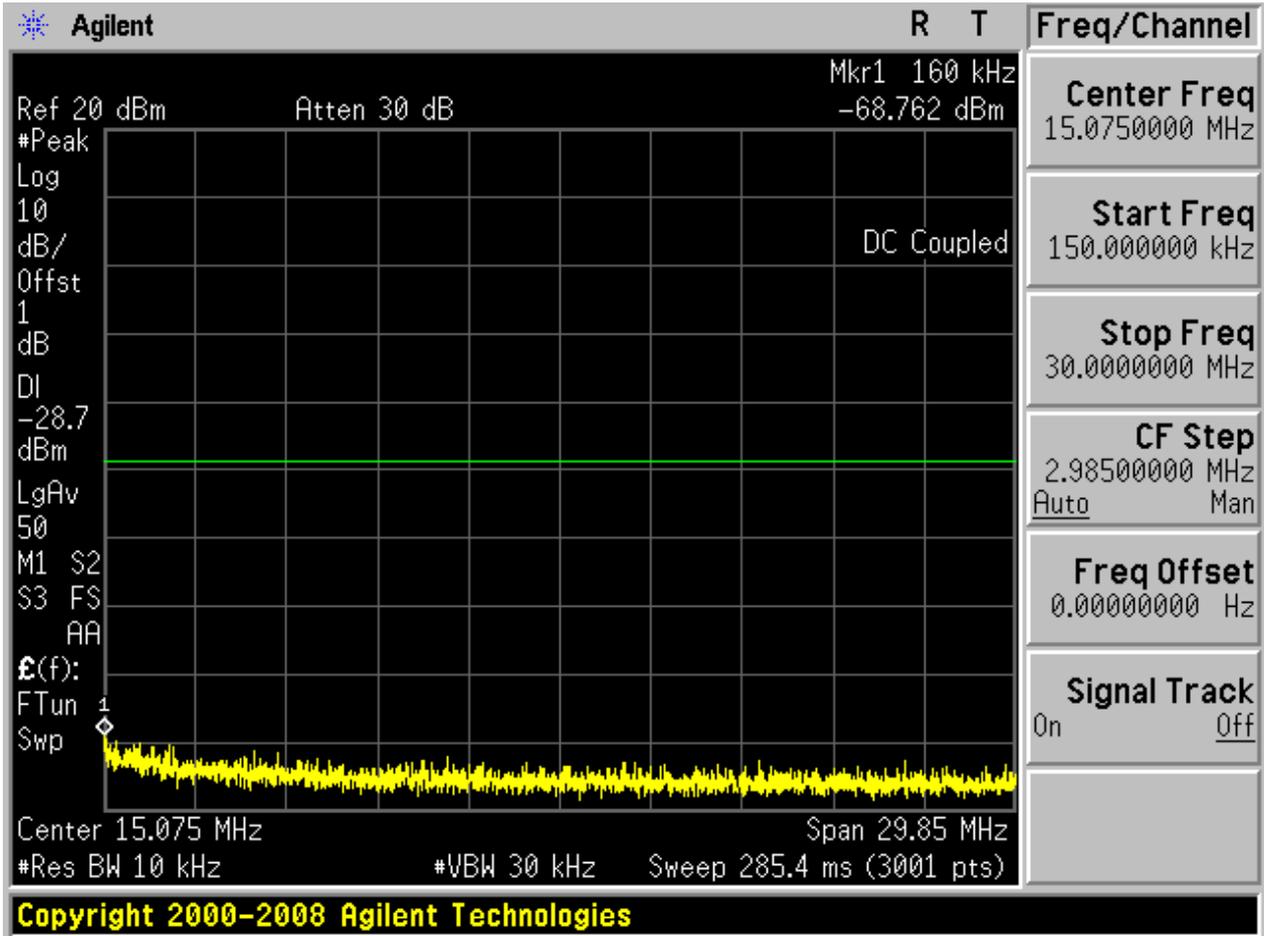
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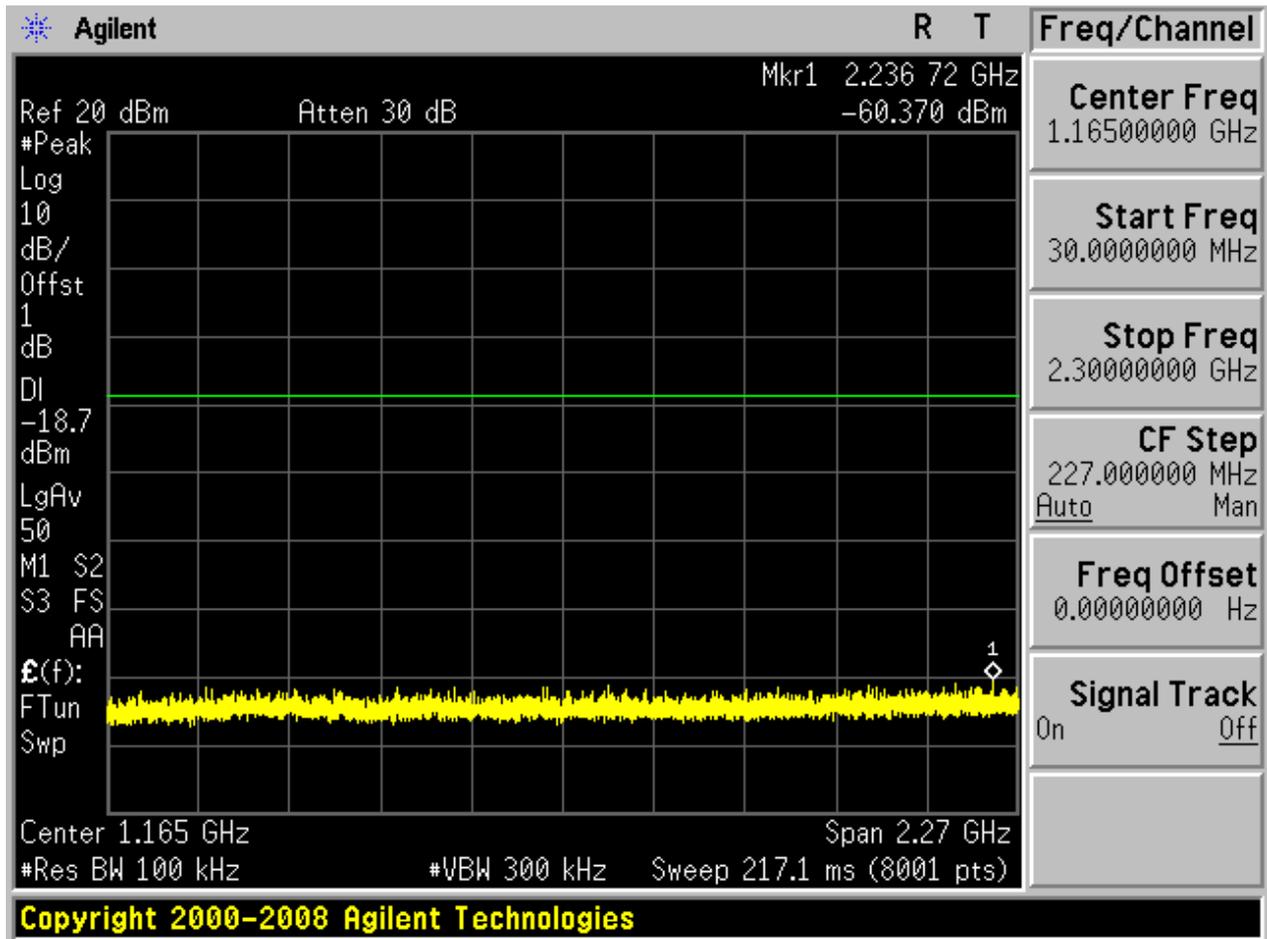


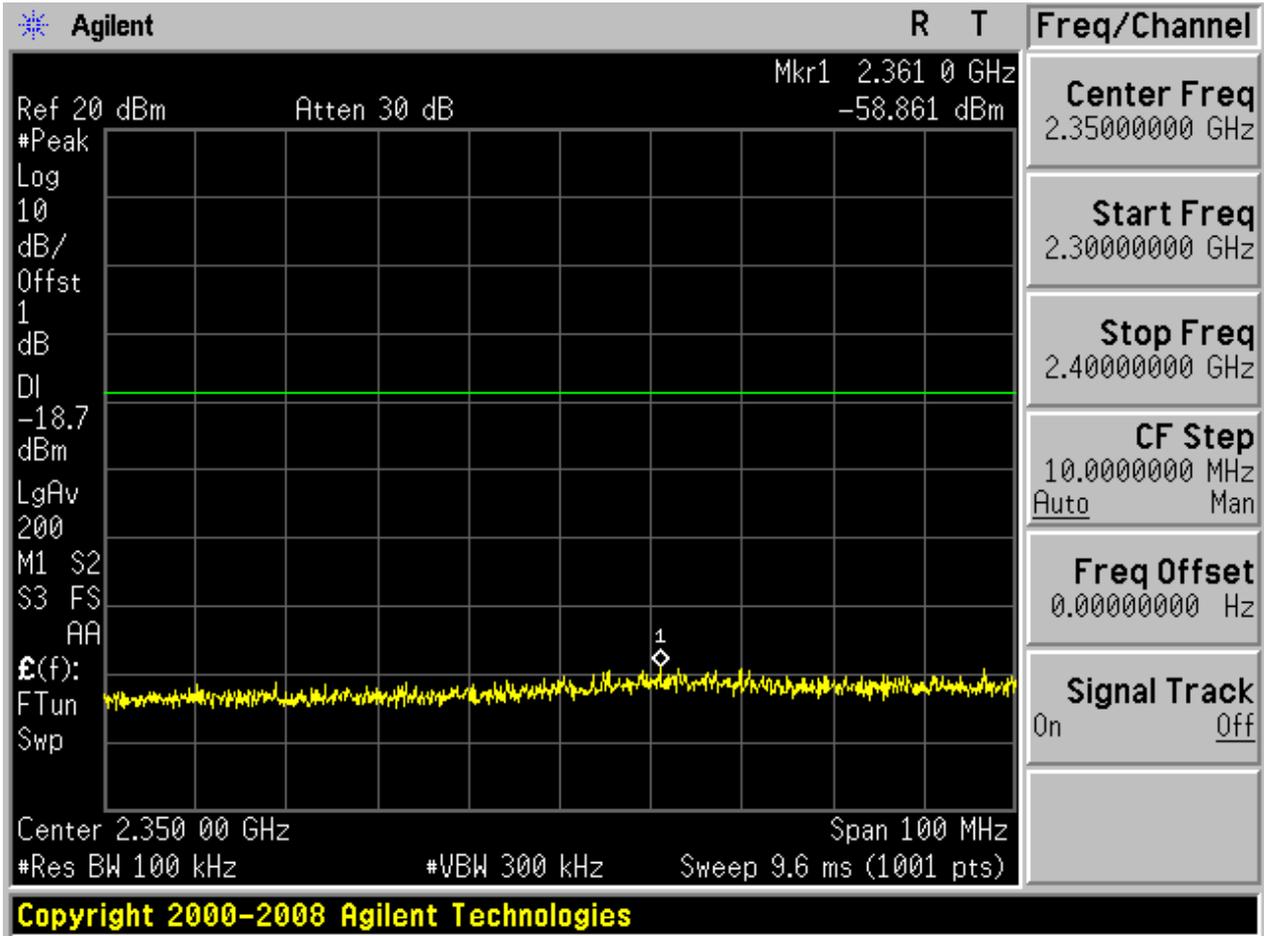


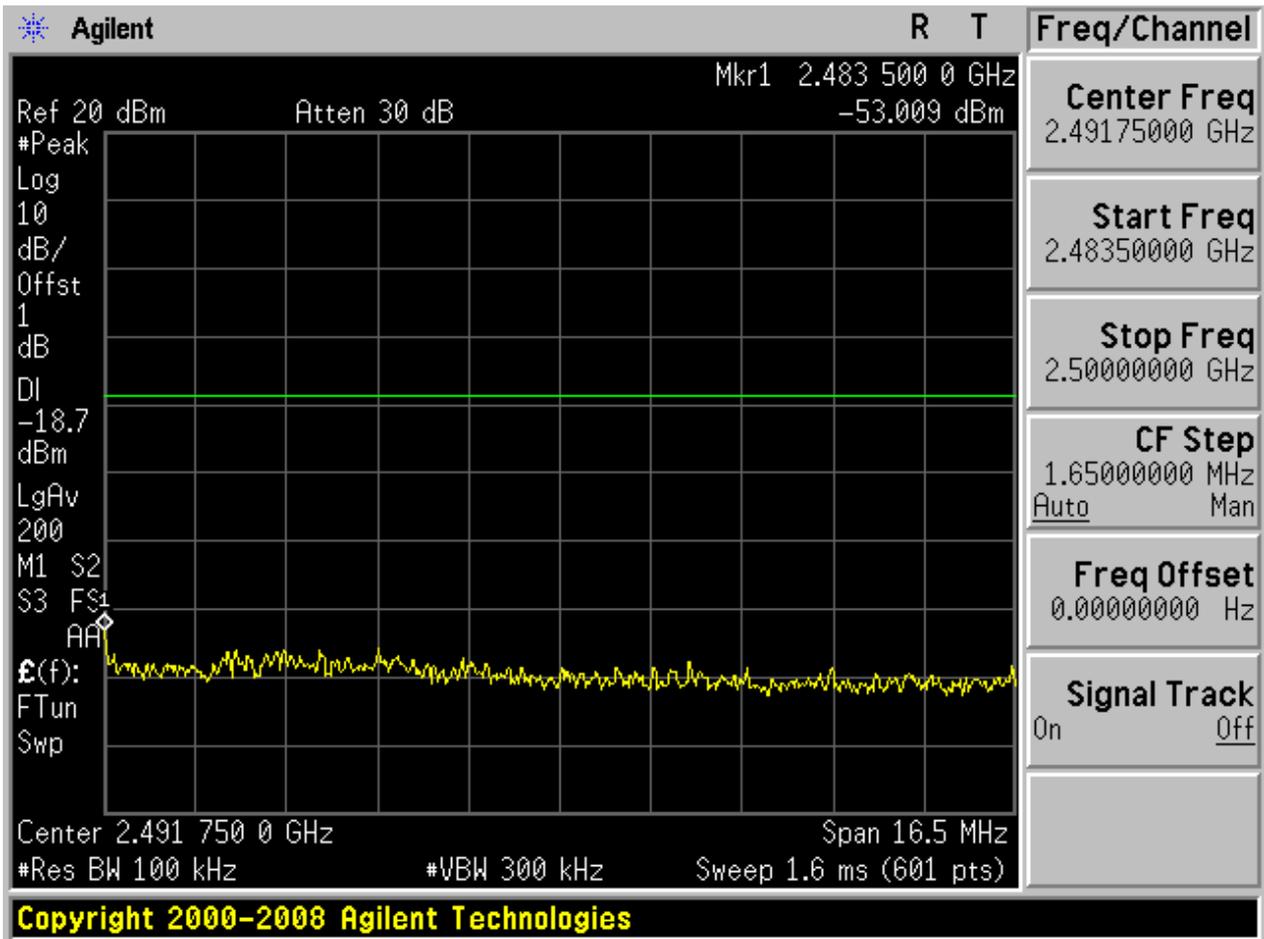
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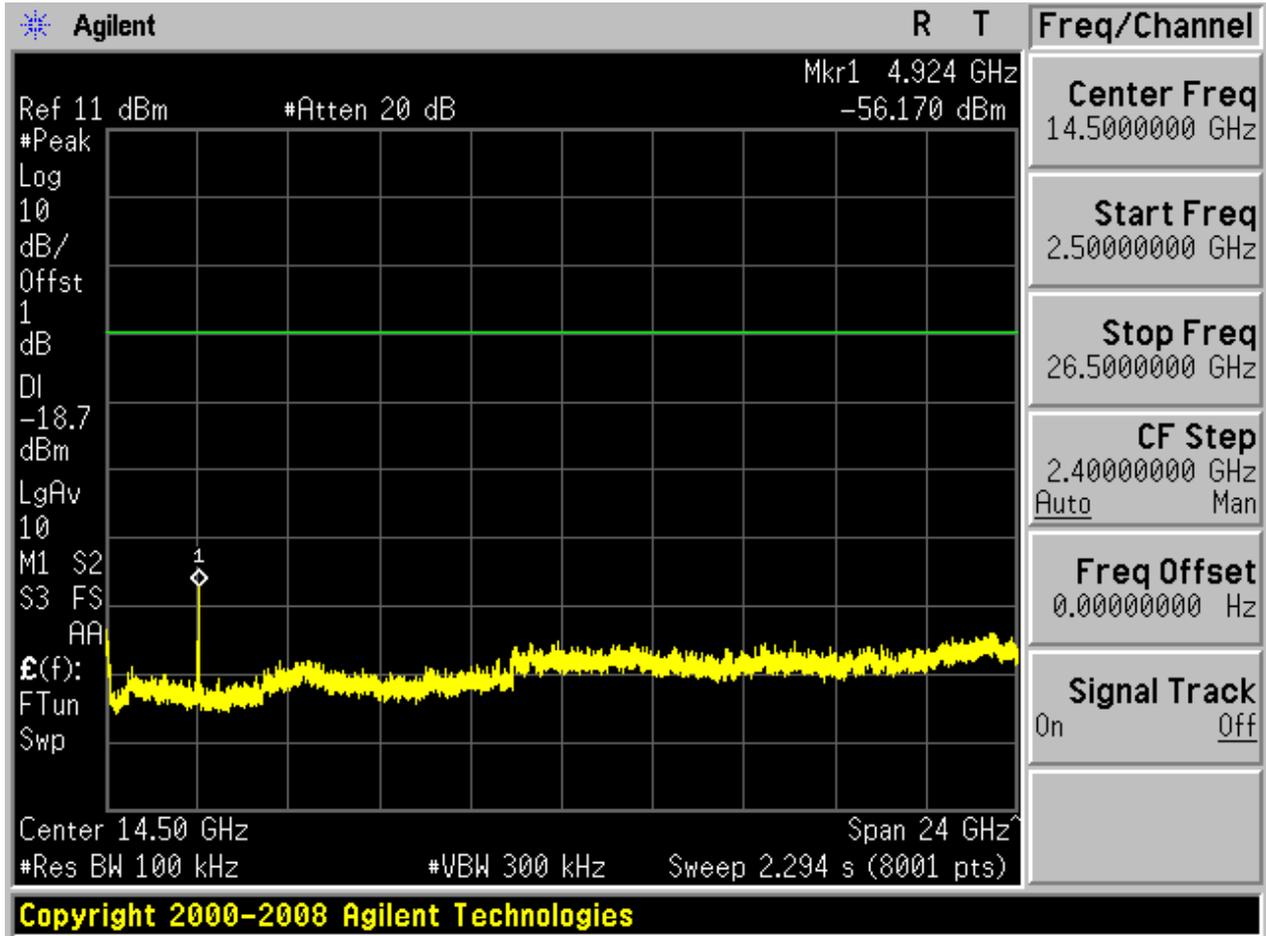








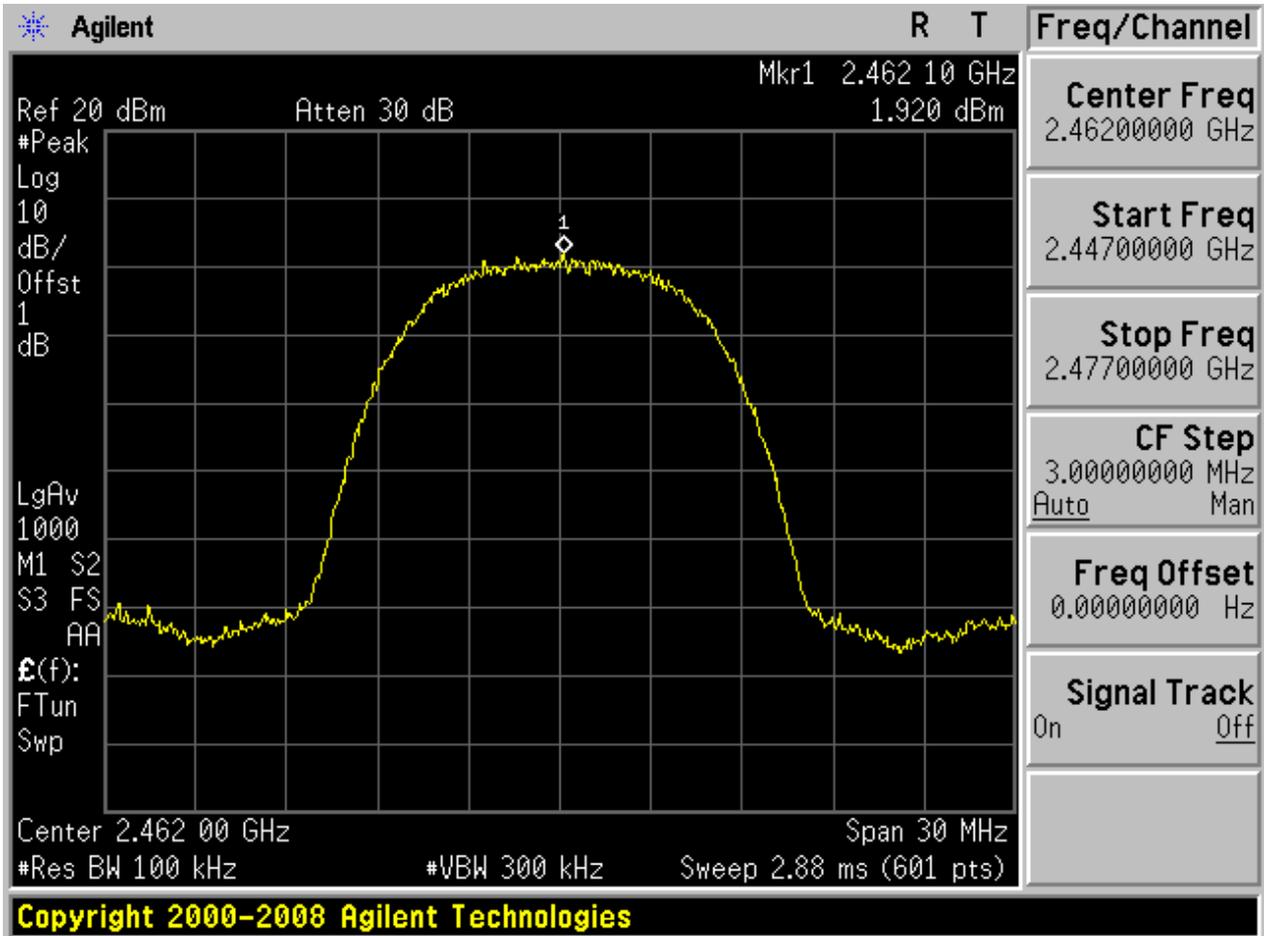






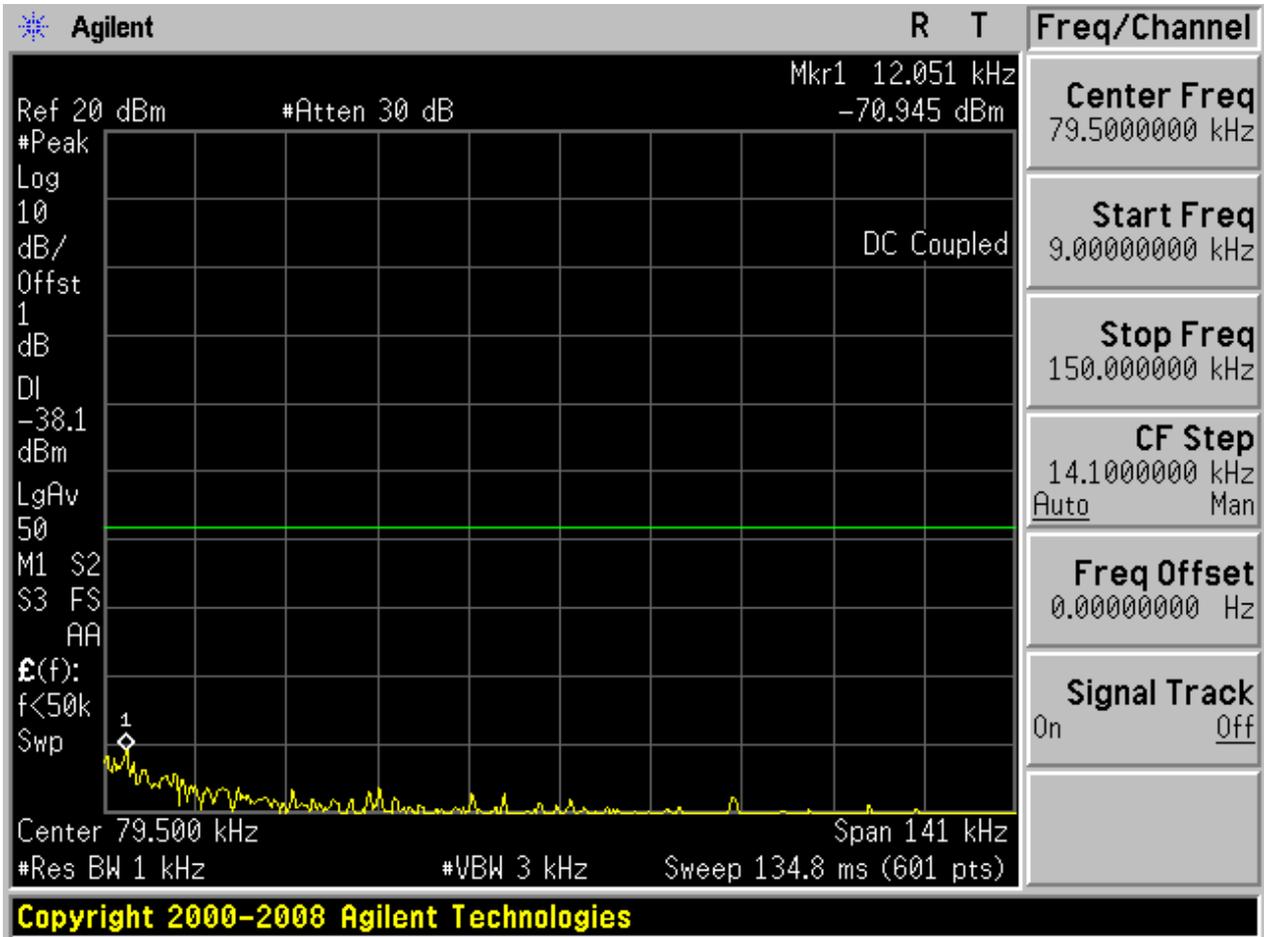
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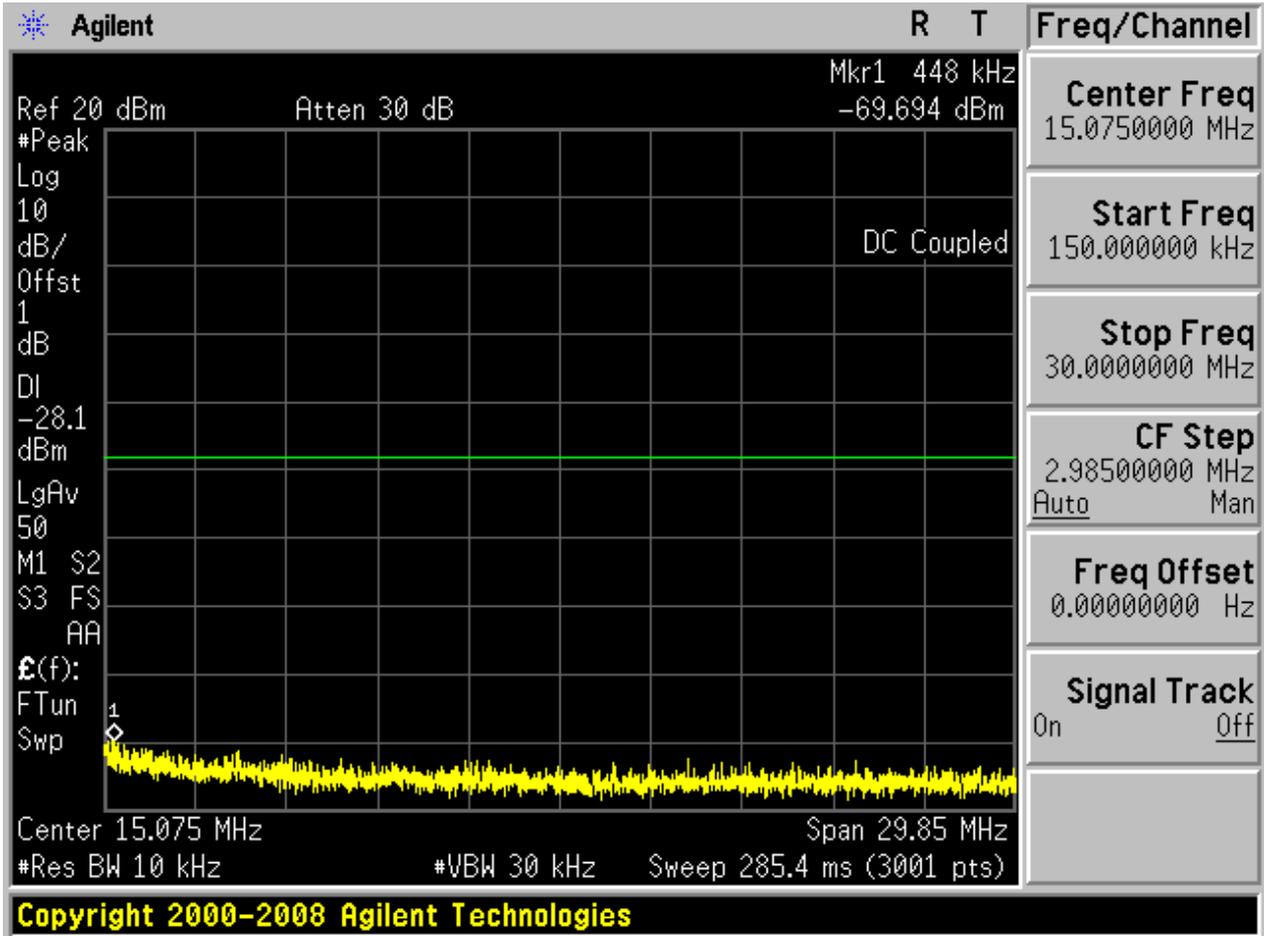
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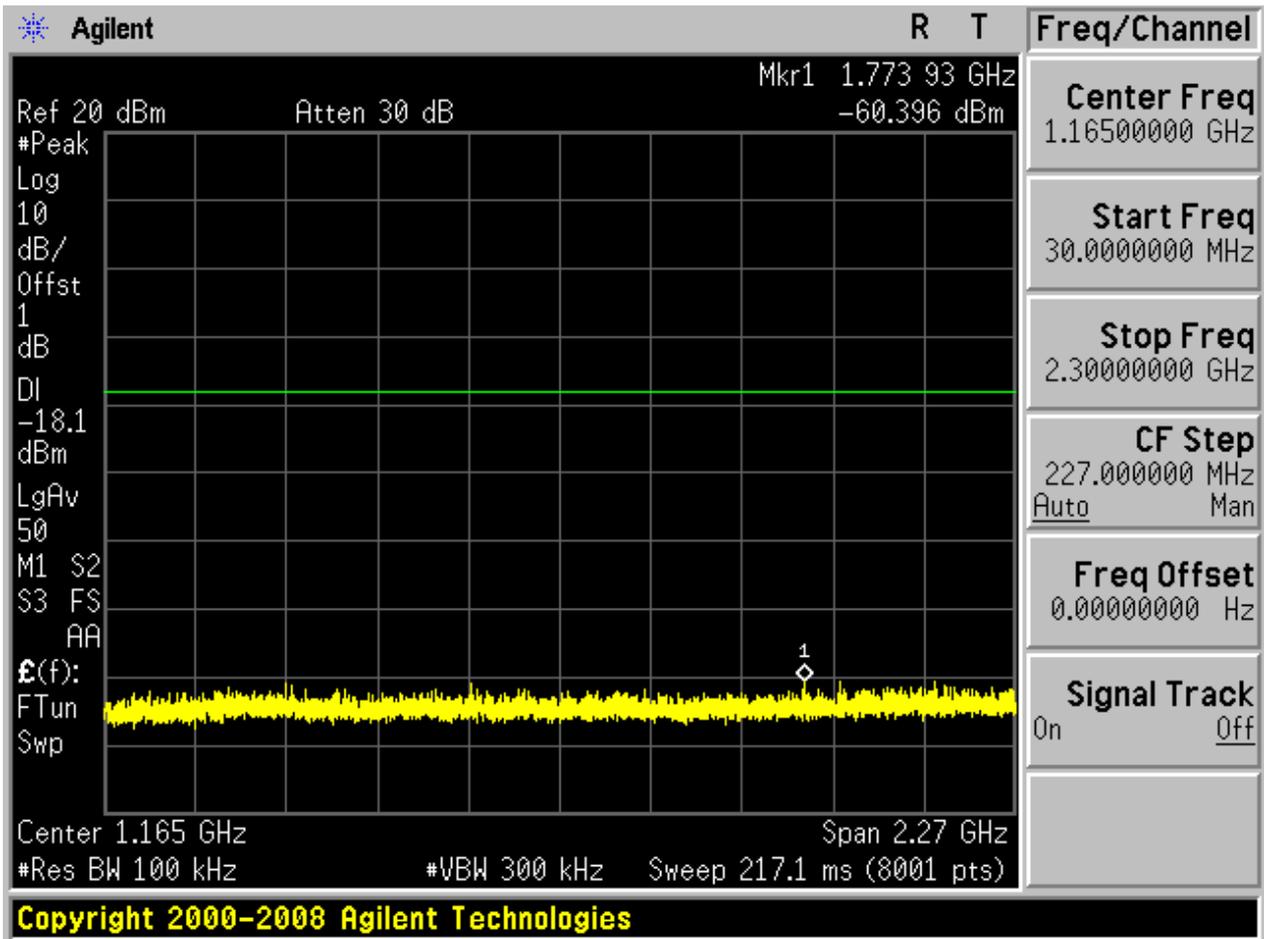


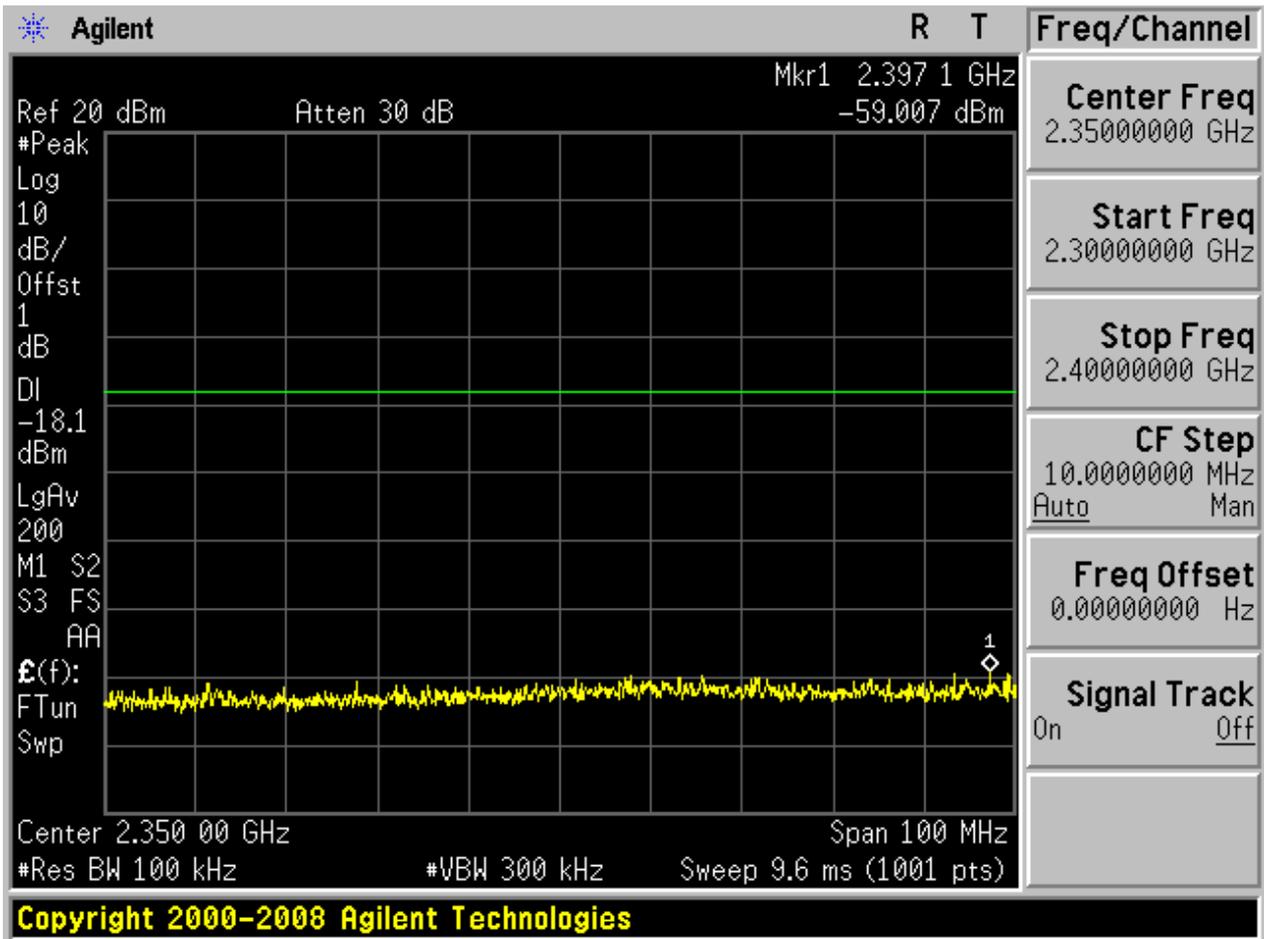


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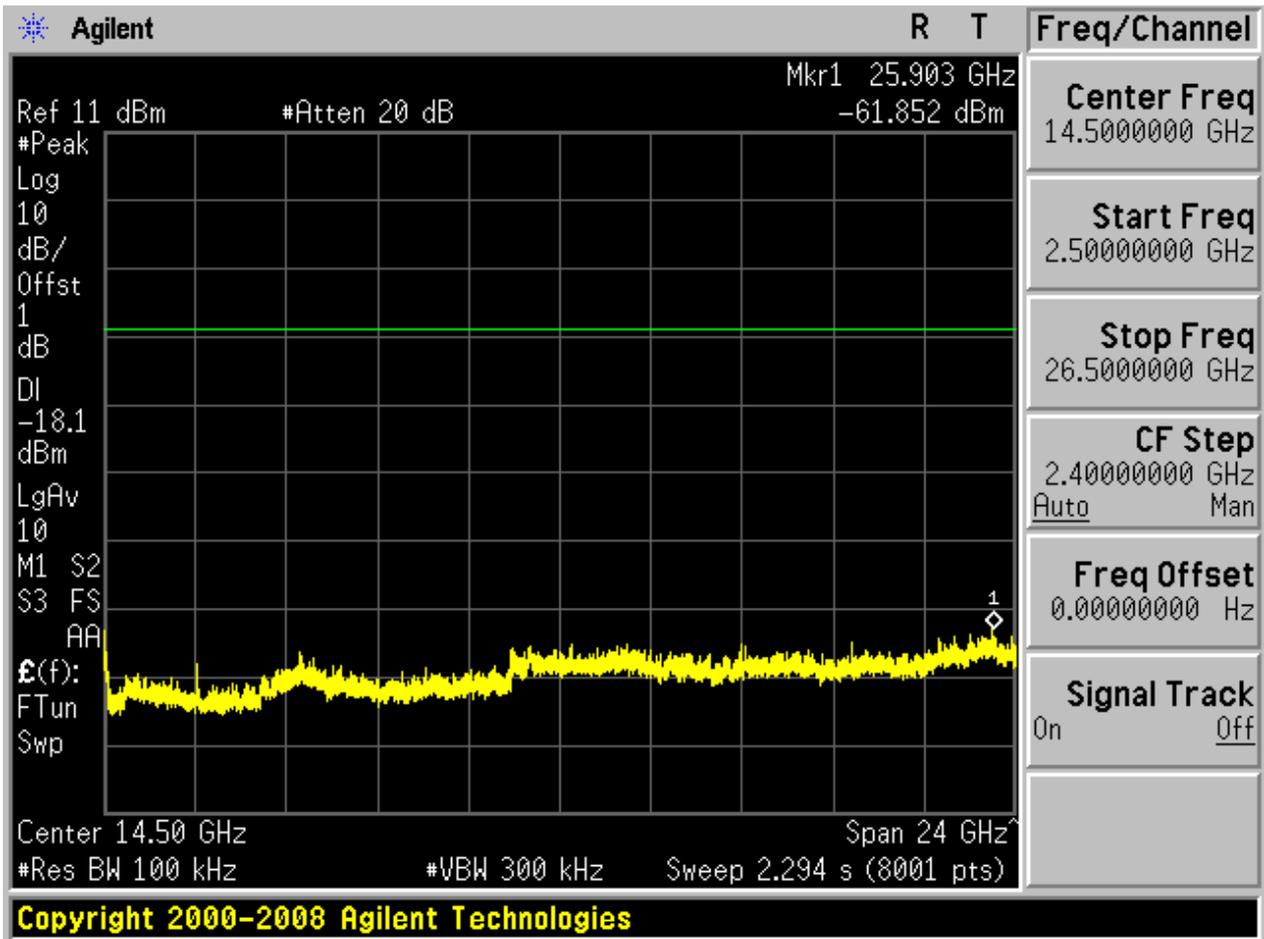








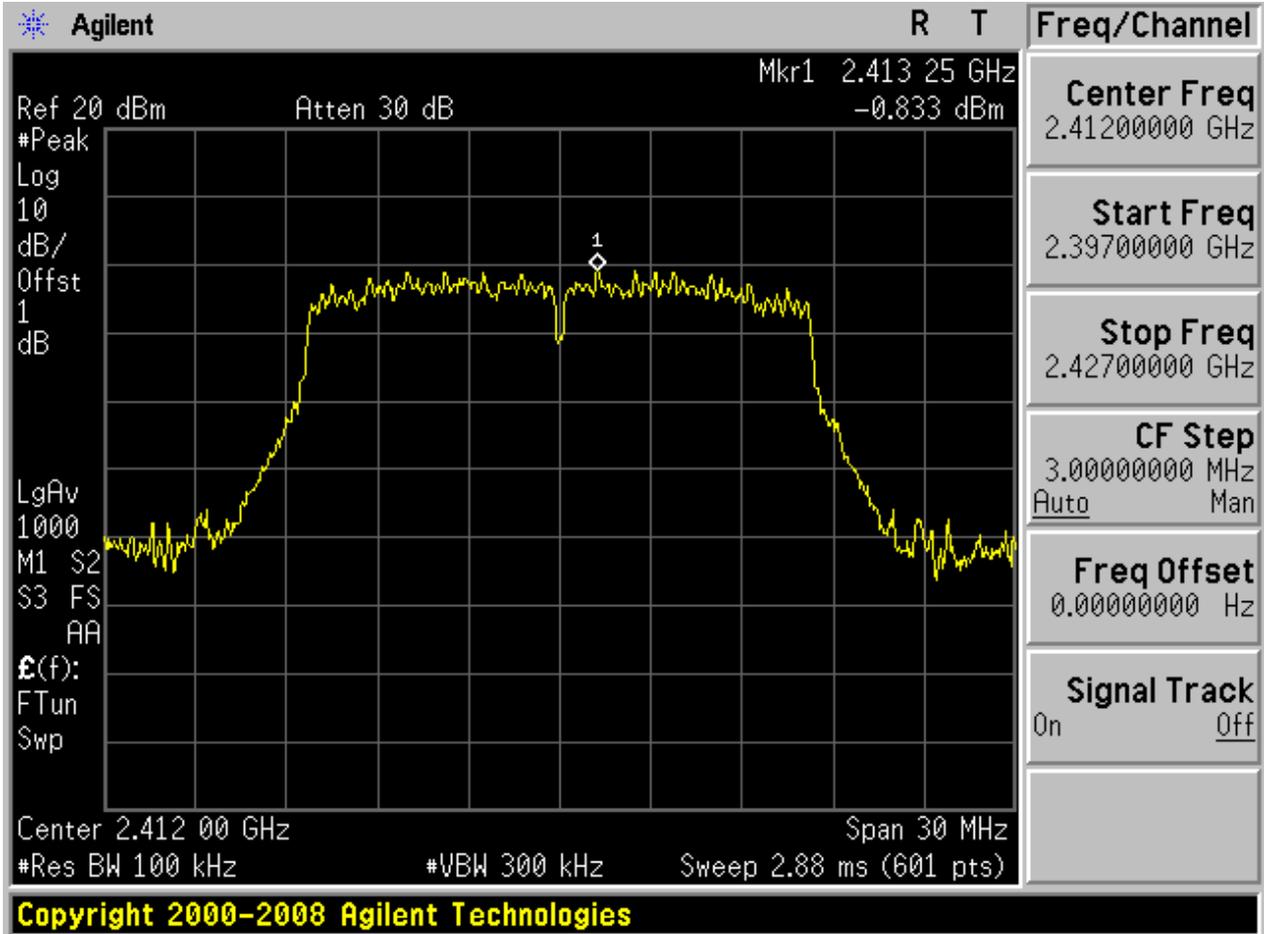






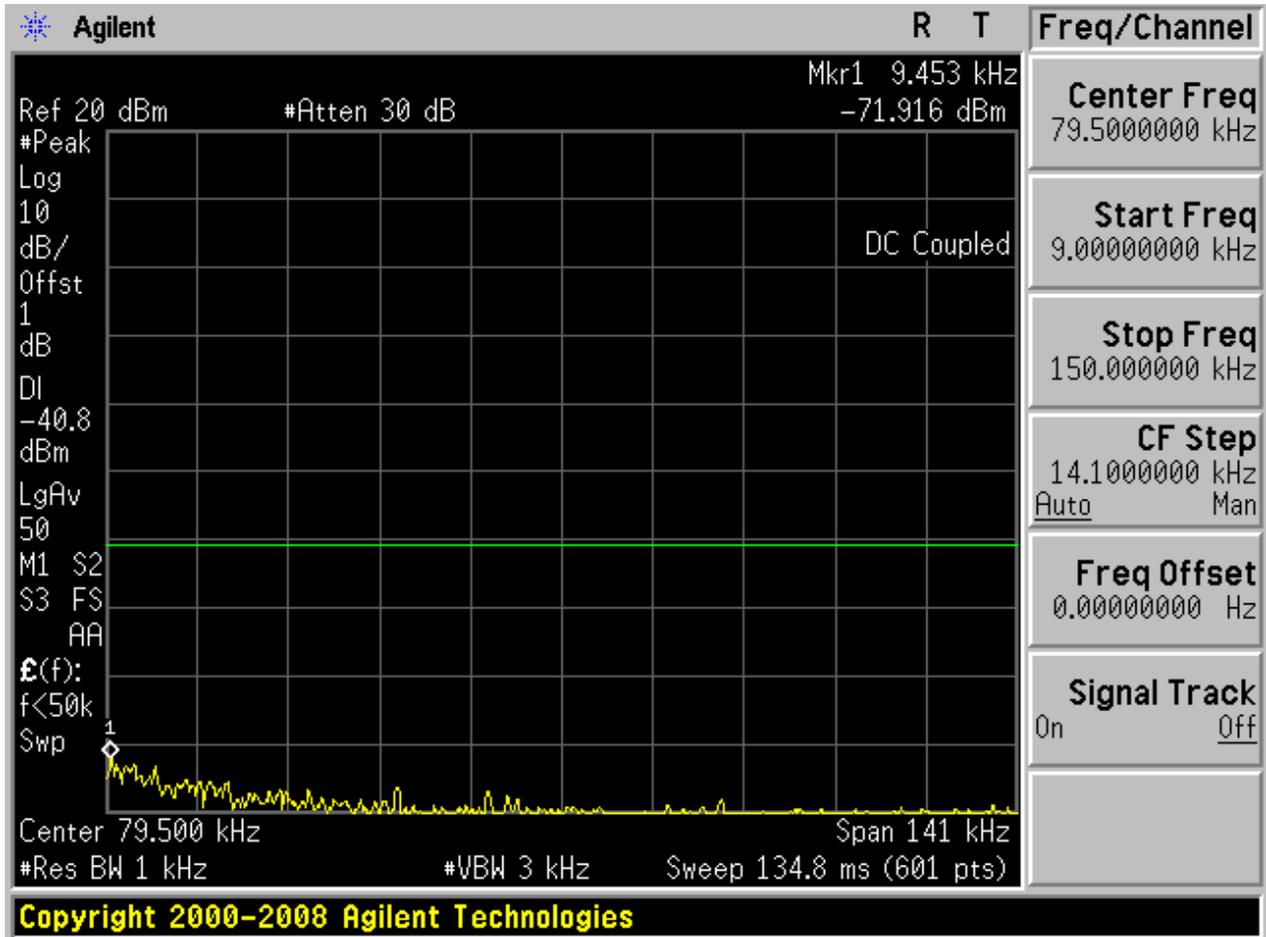
### 2.7 11G\_L@Ant 1

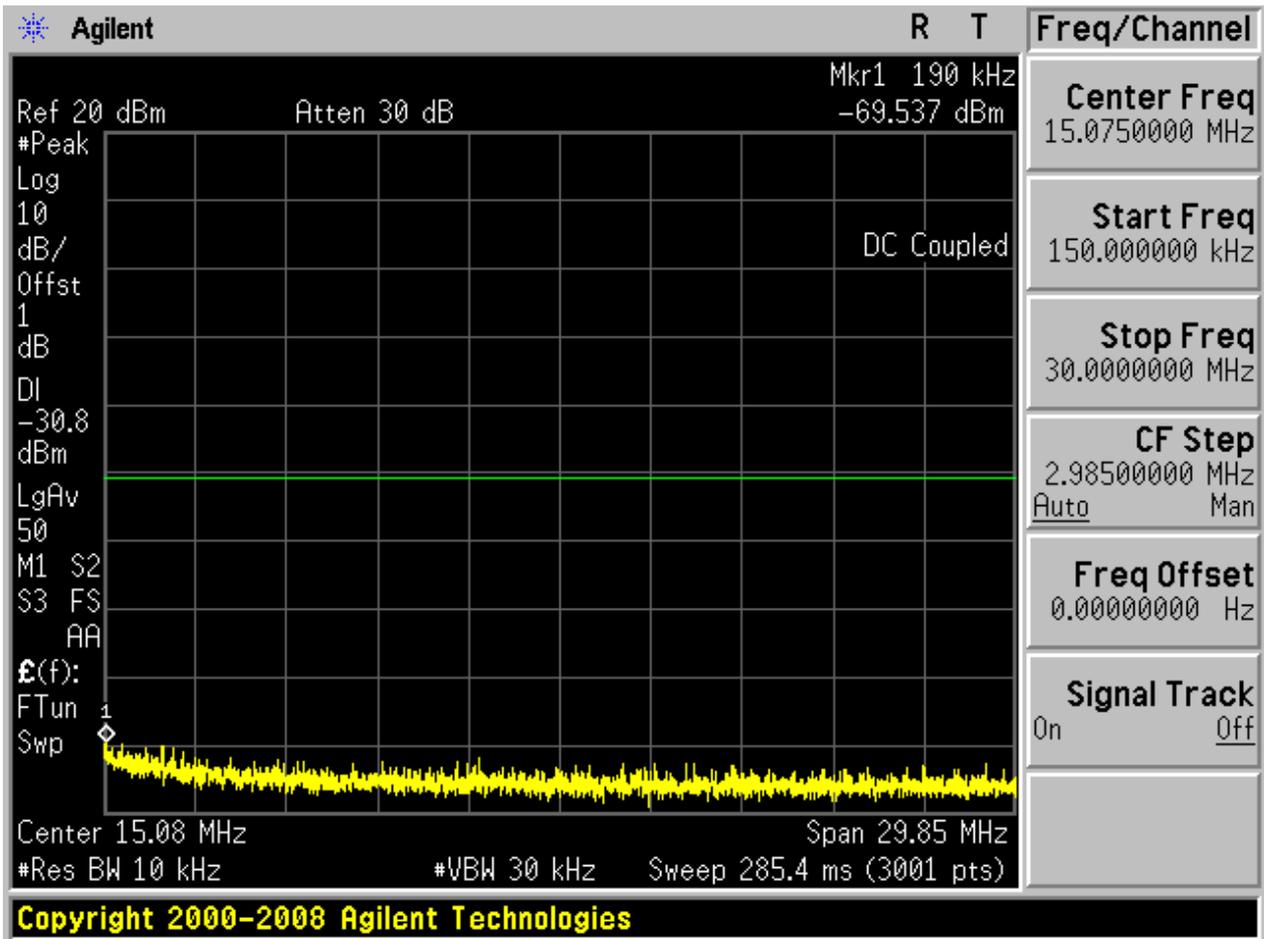
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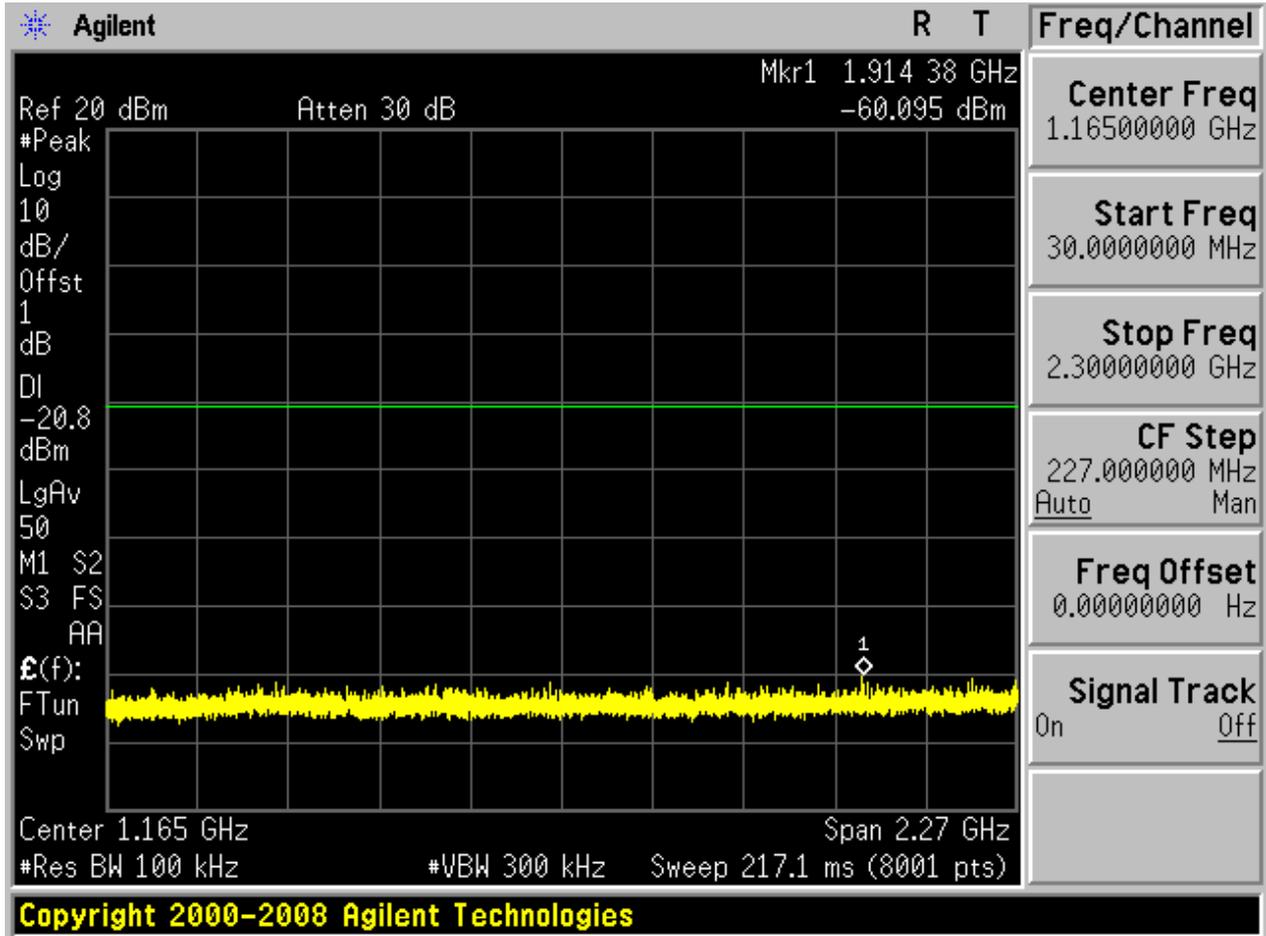


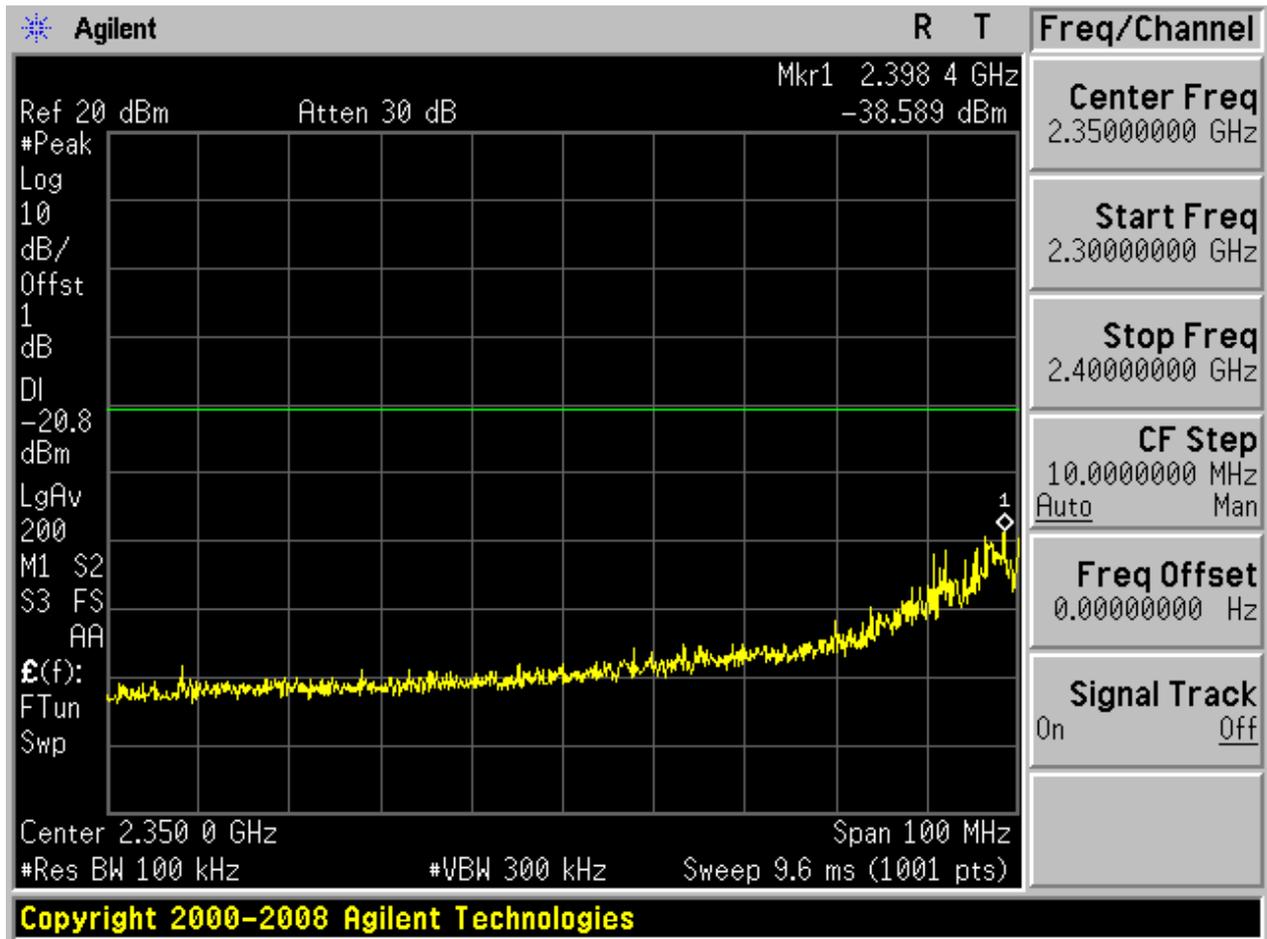


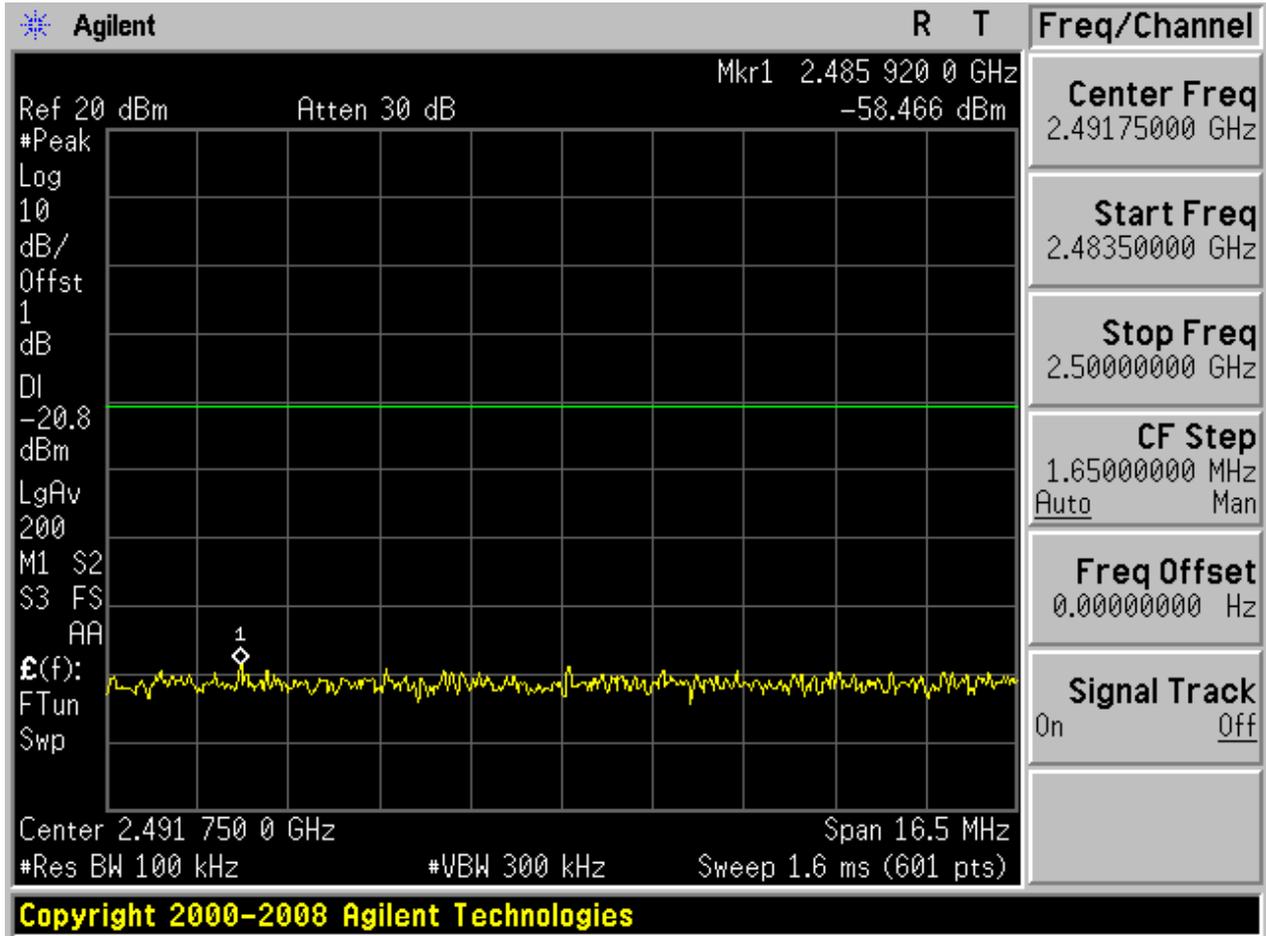
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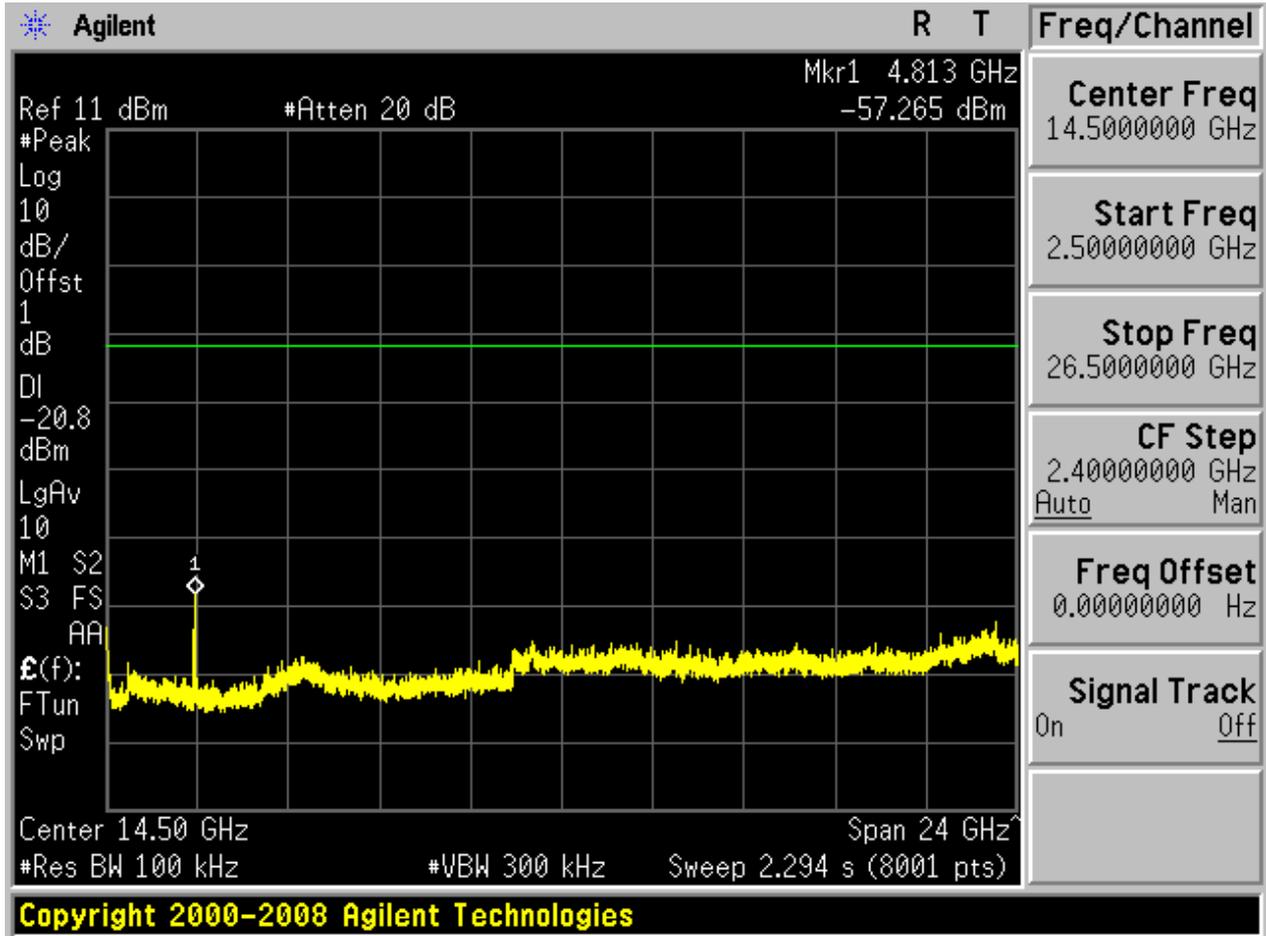






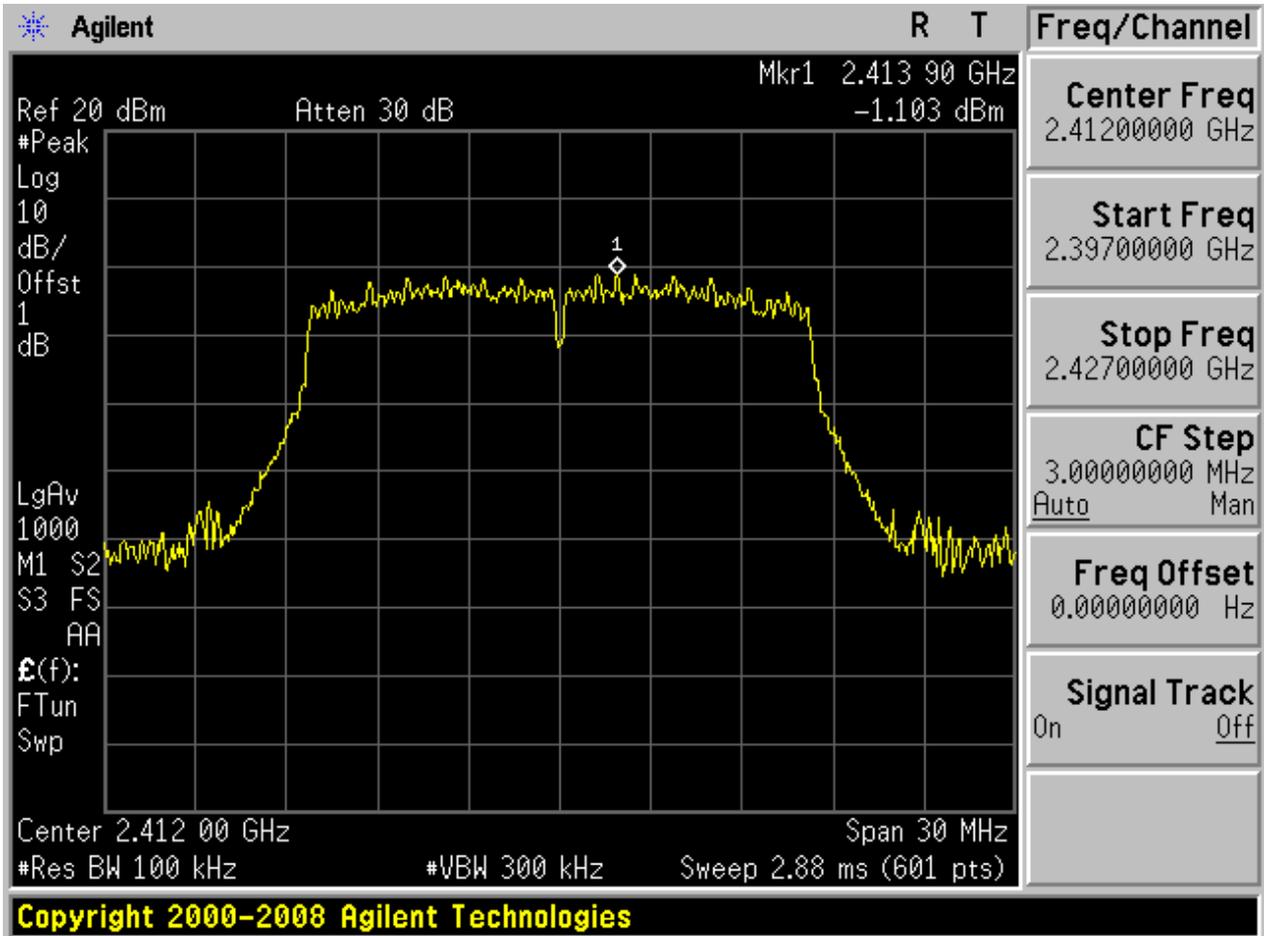






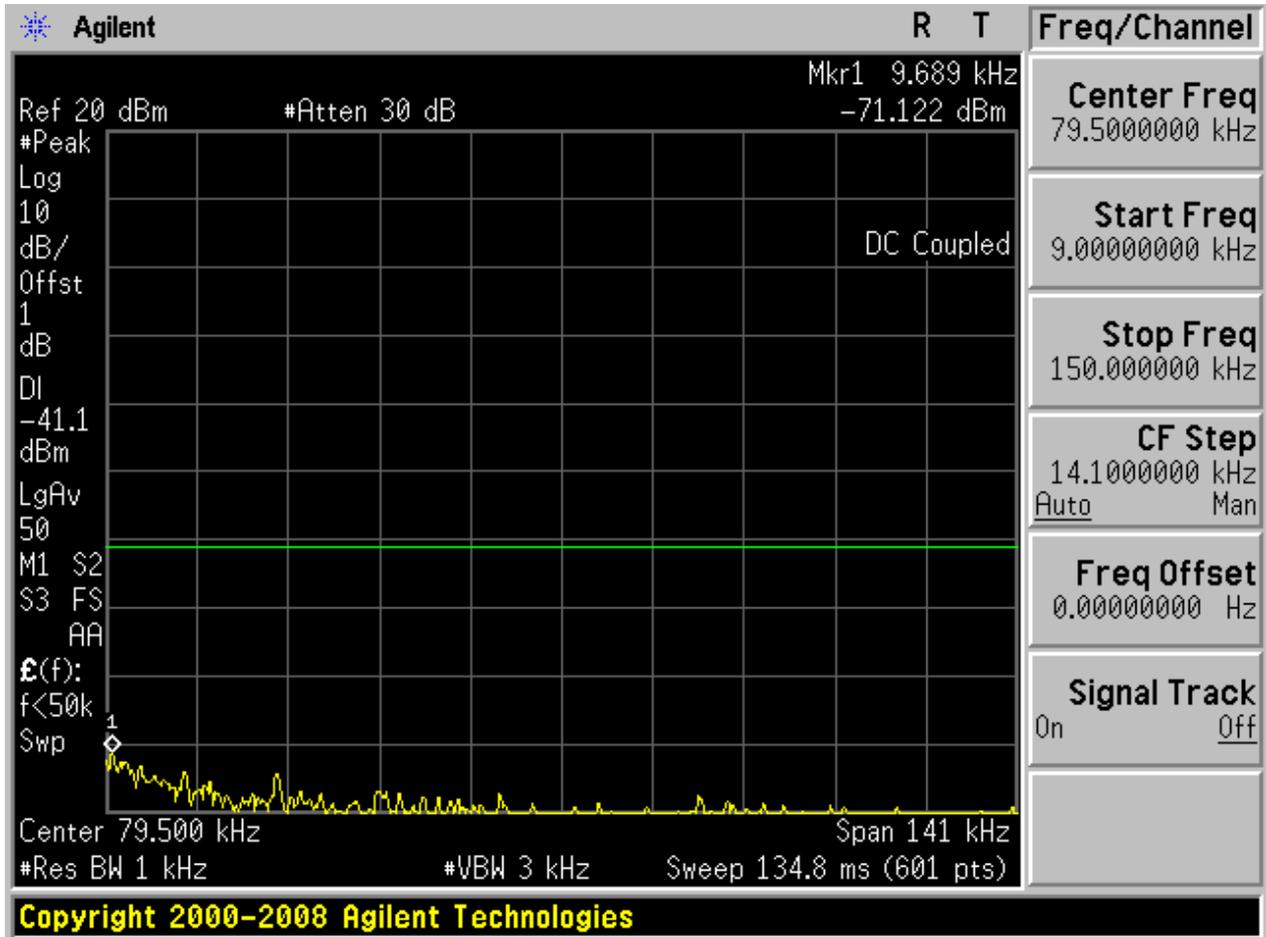
## 2.8 11G\_L@Ant 2

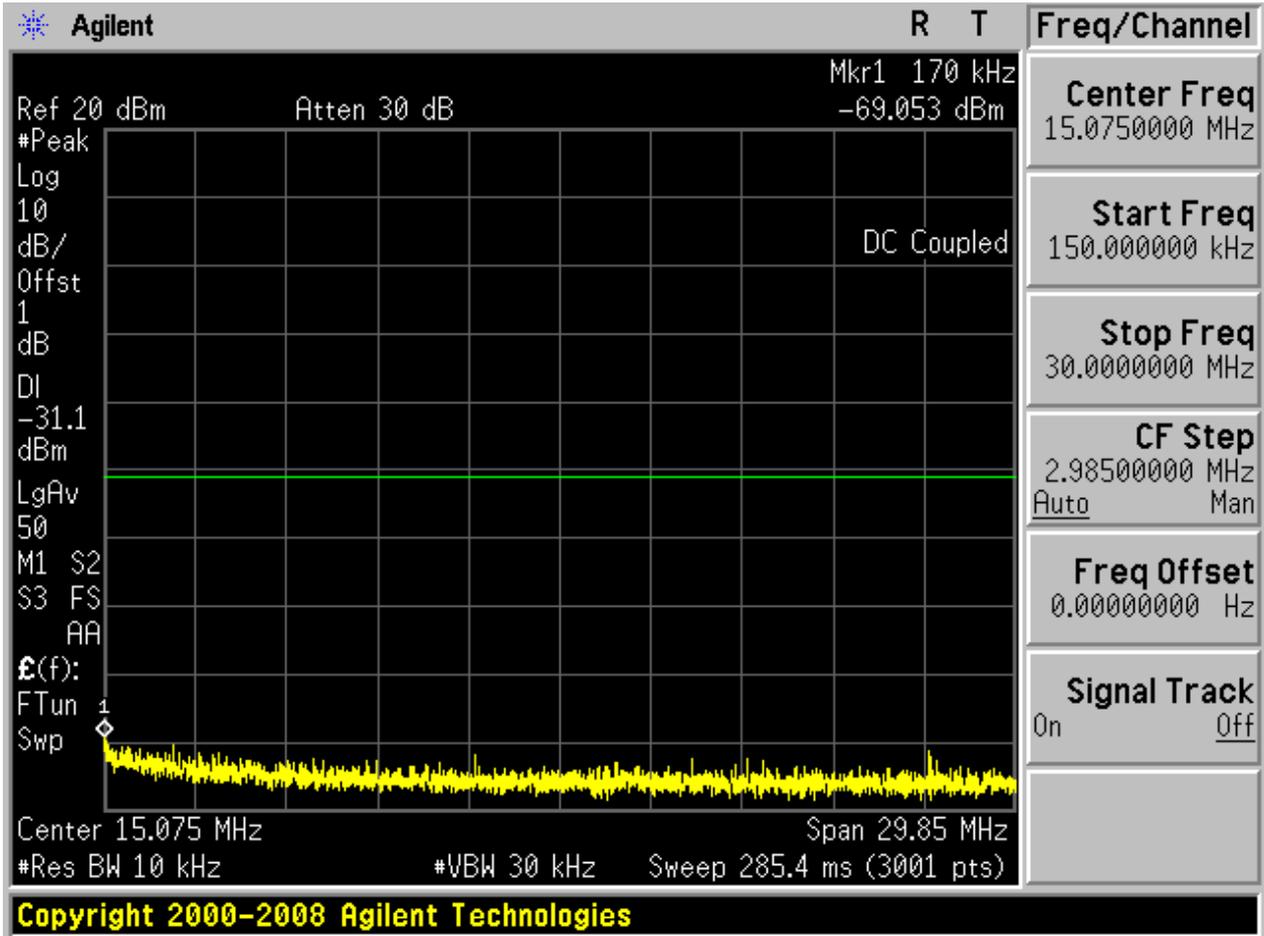
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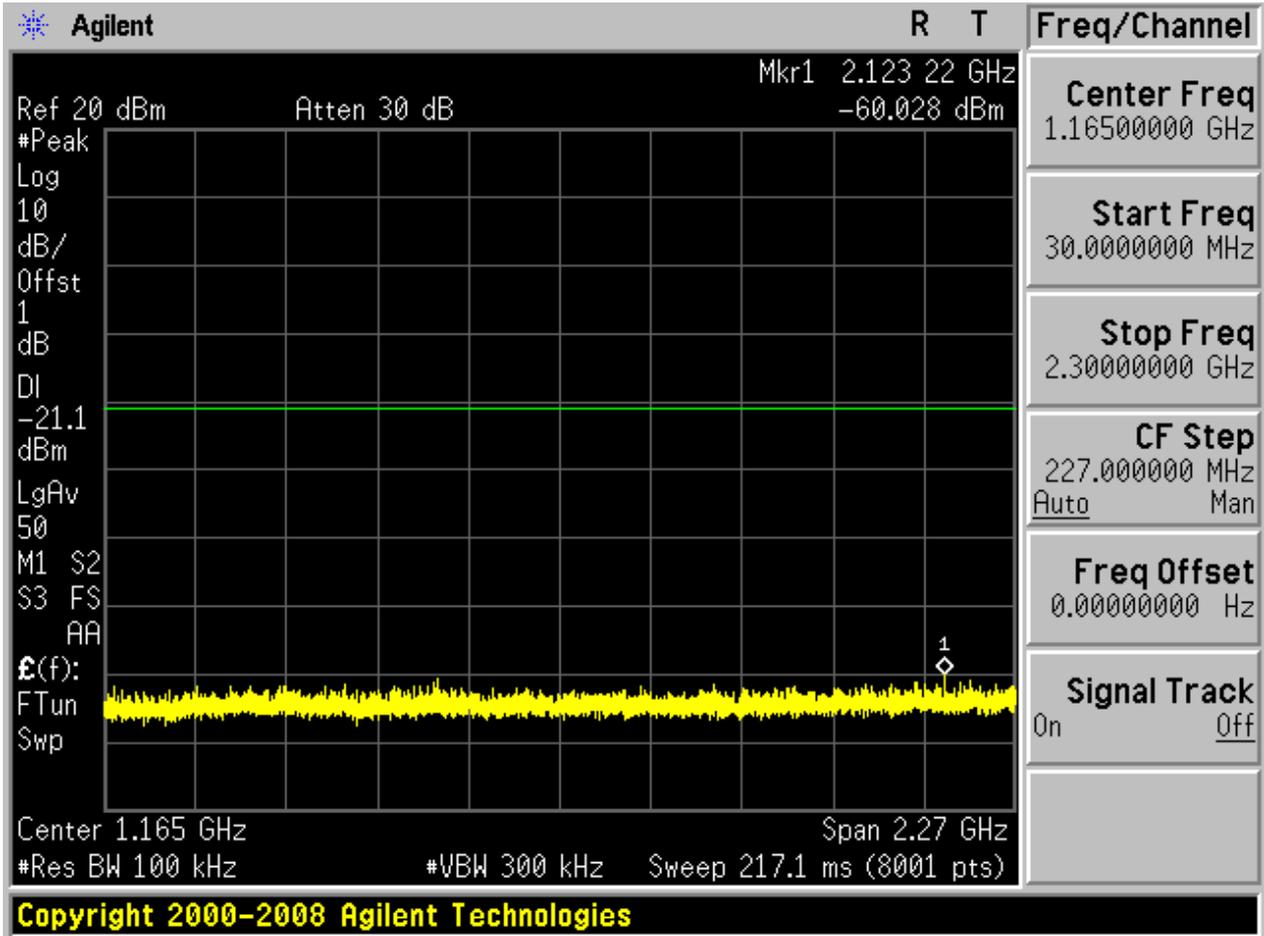


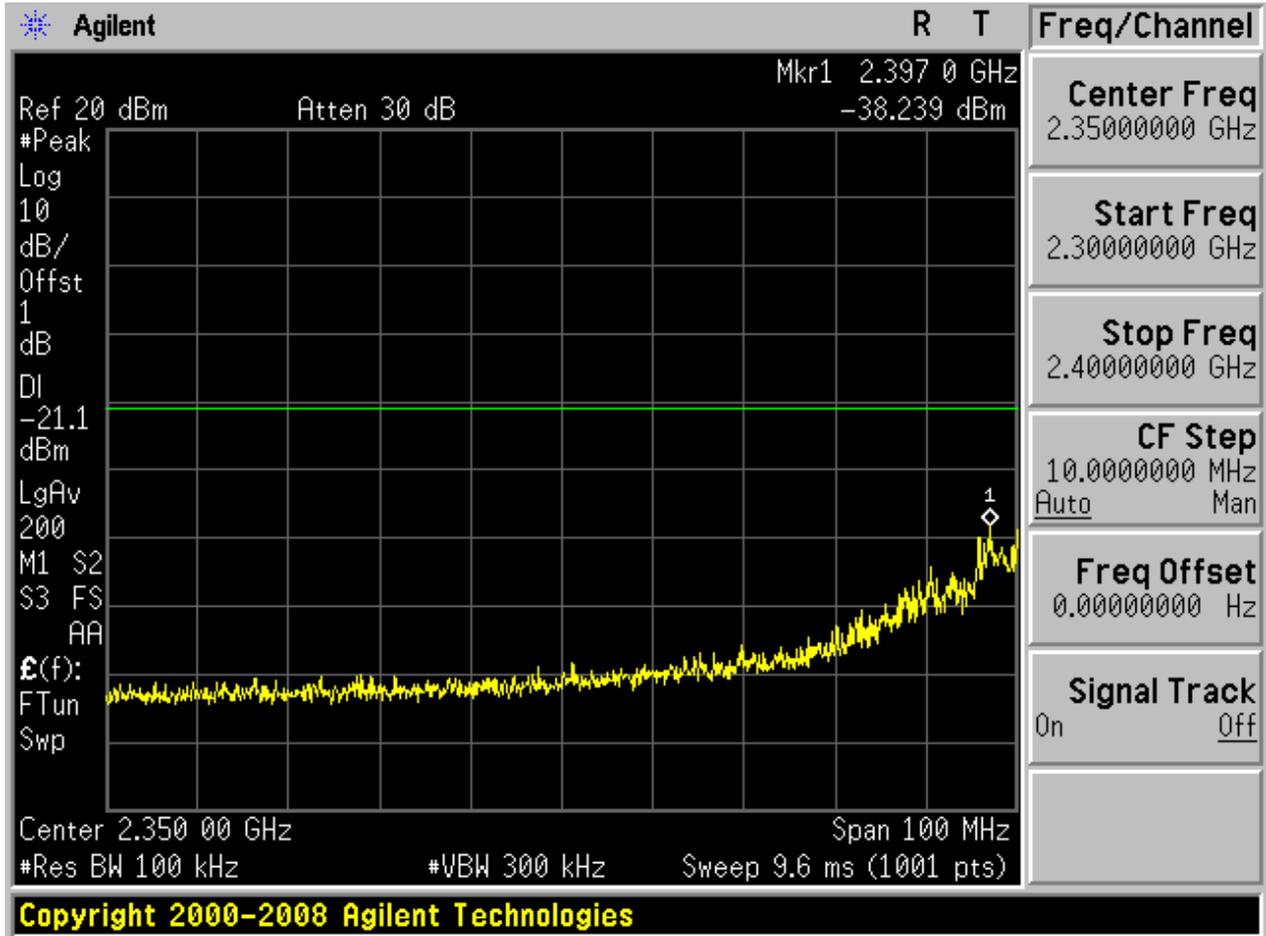


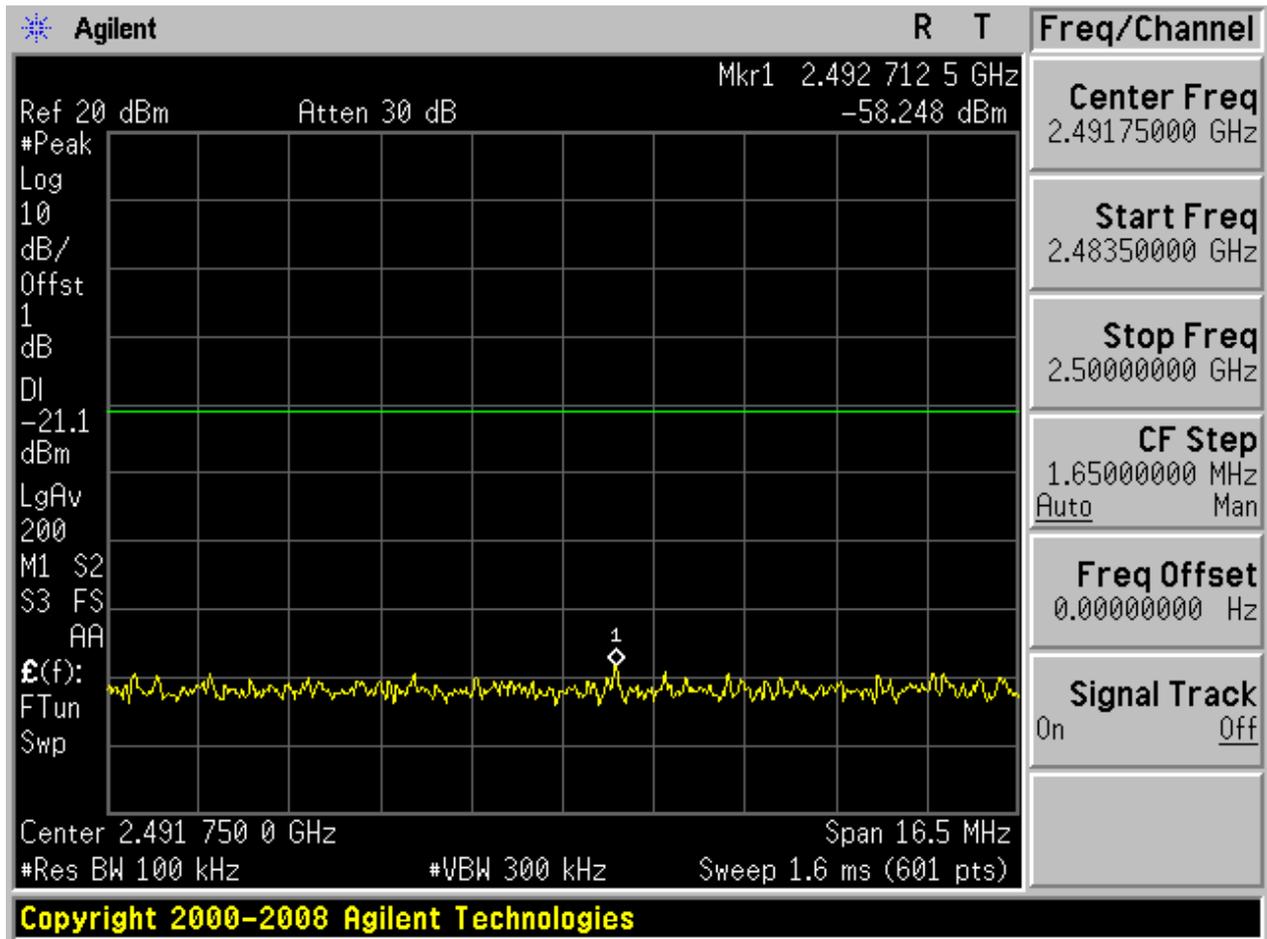
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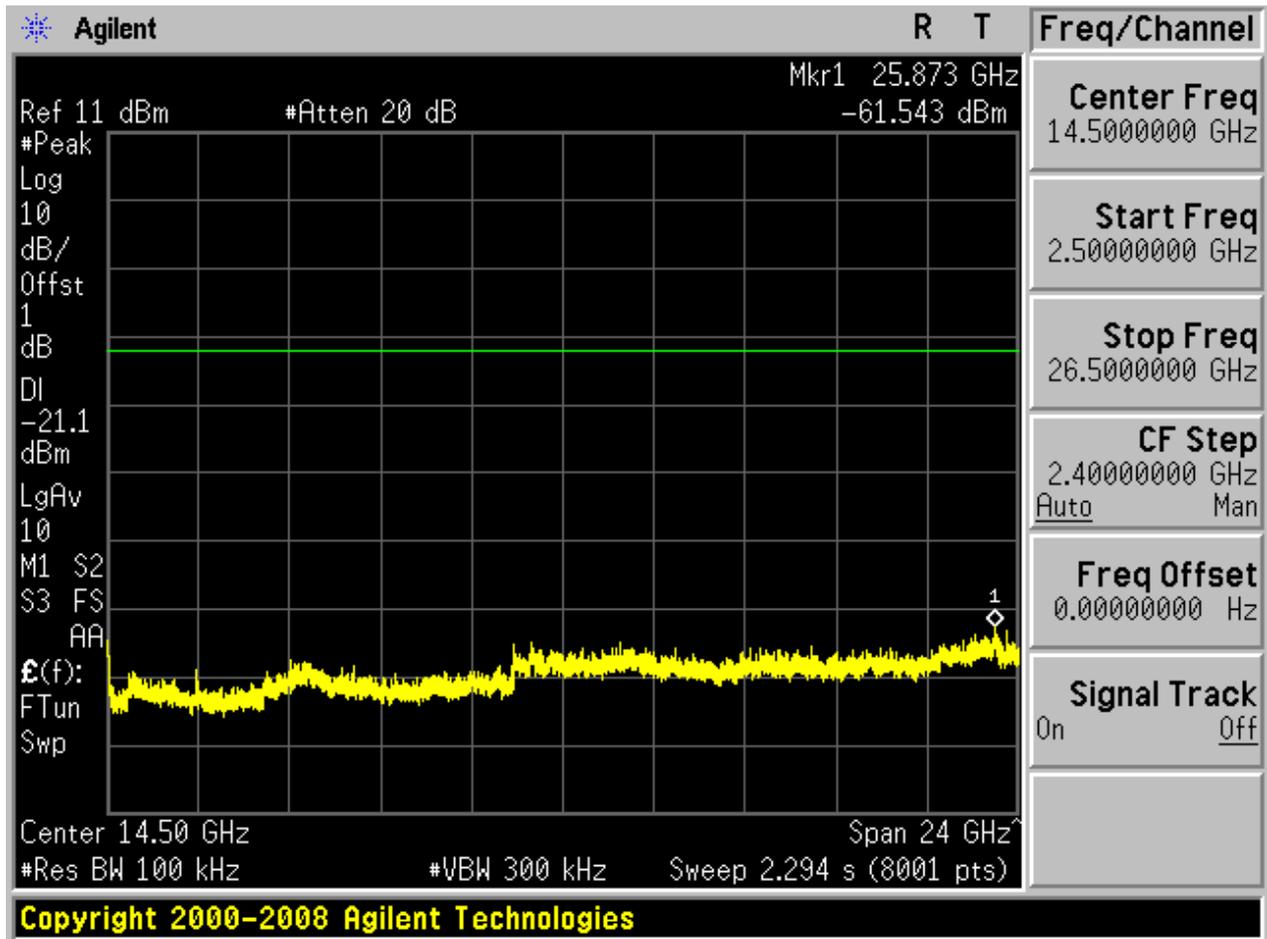








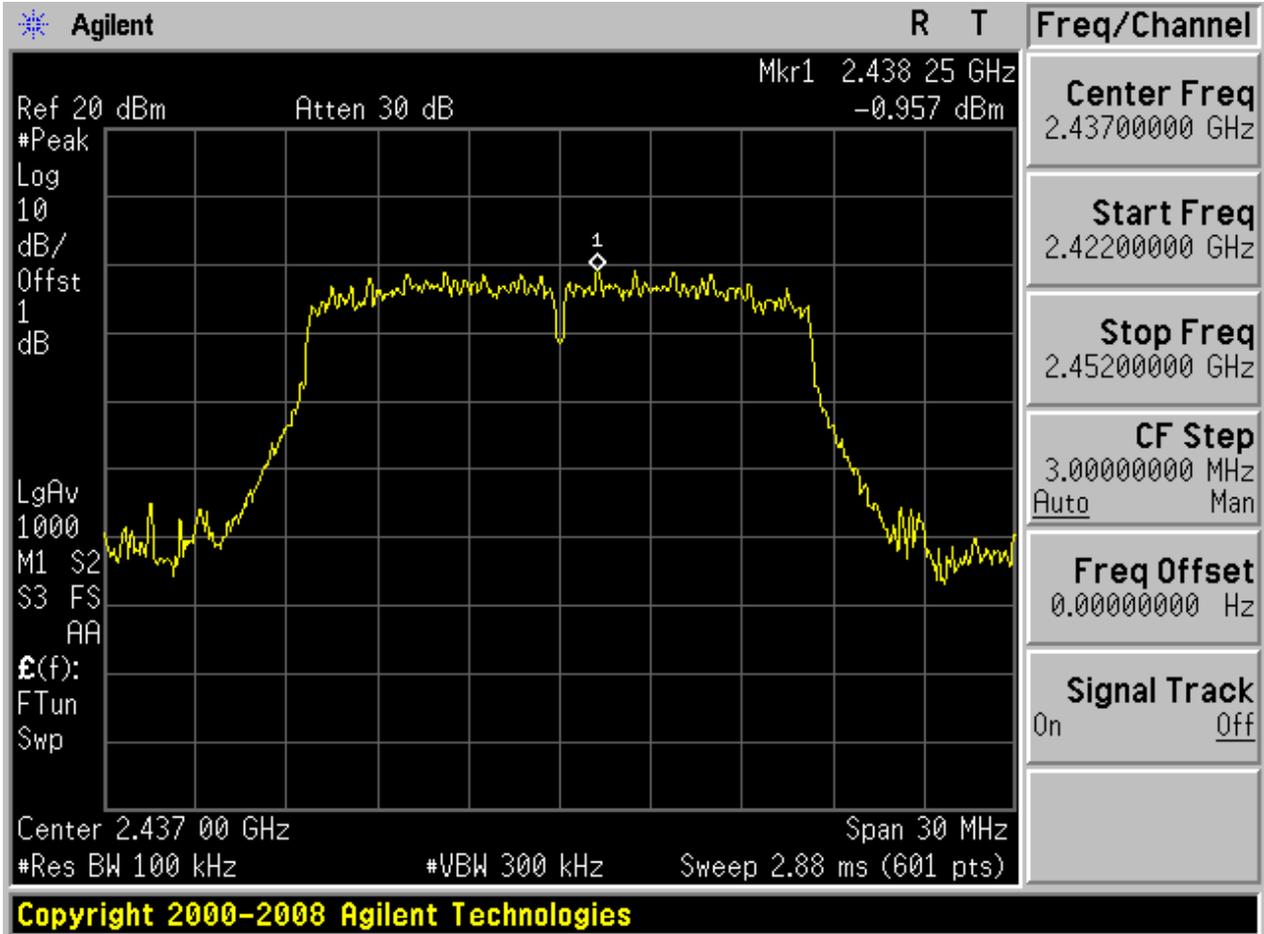
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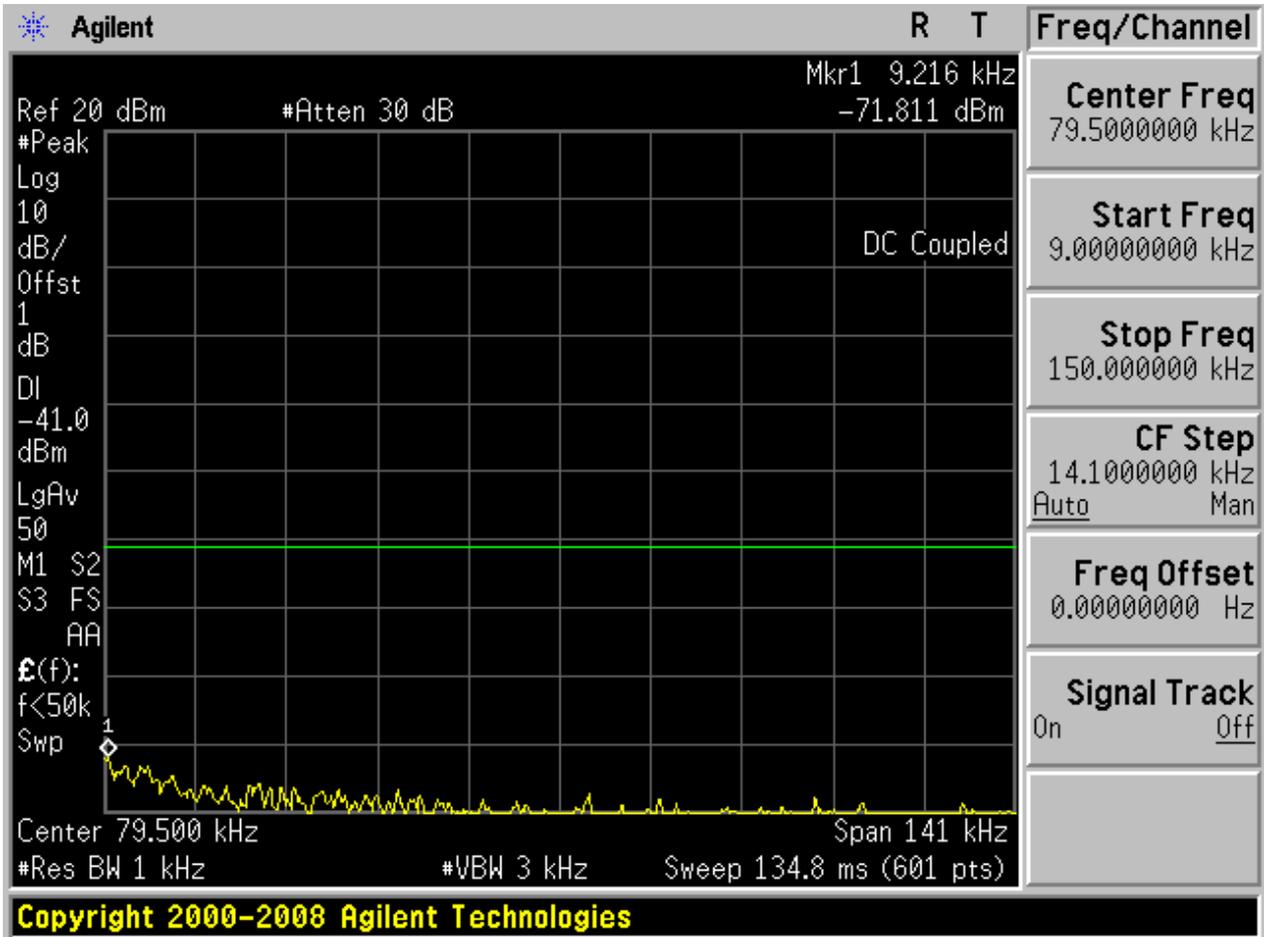
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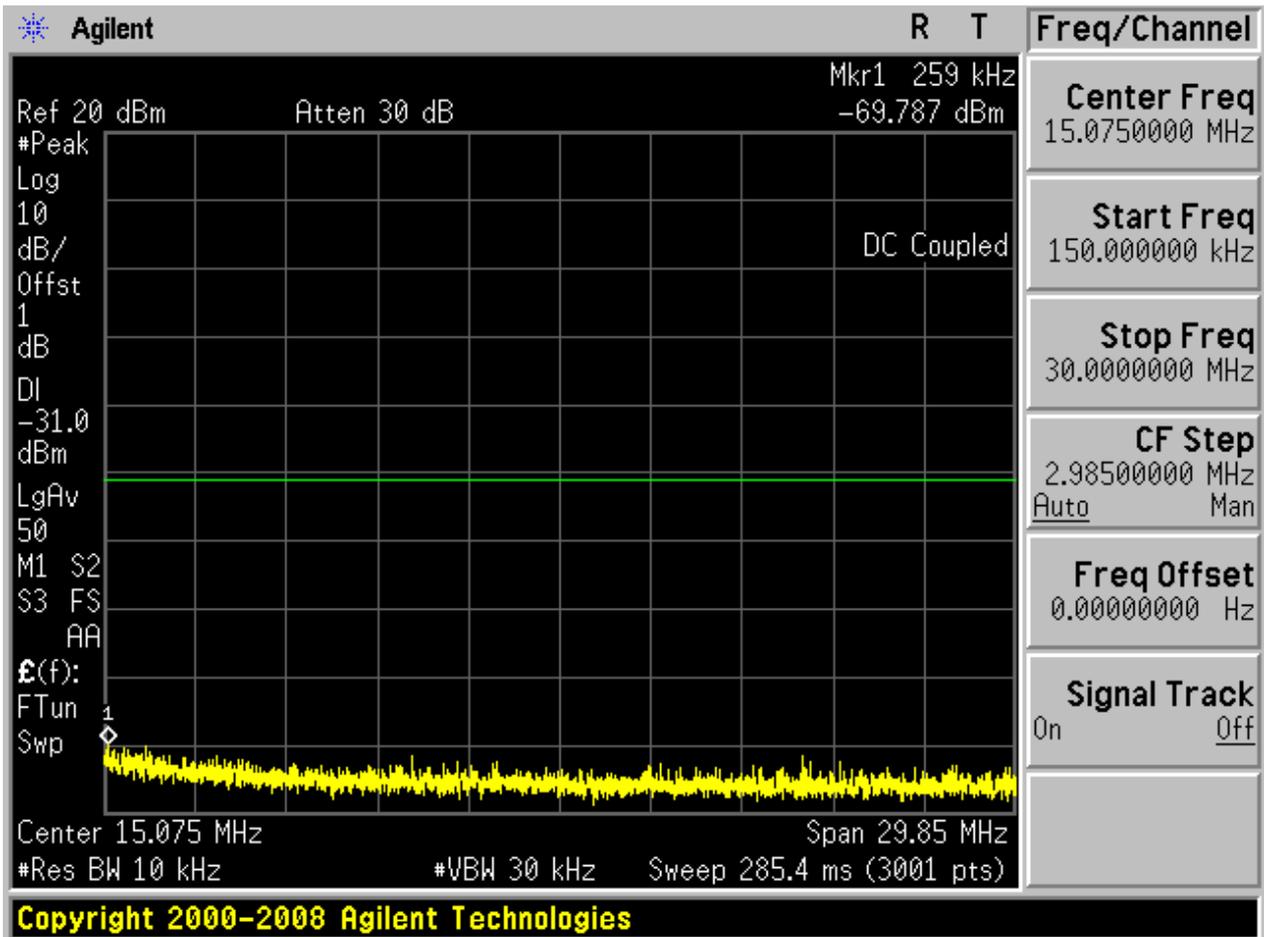
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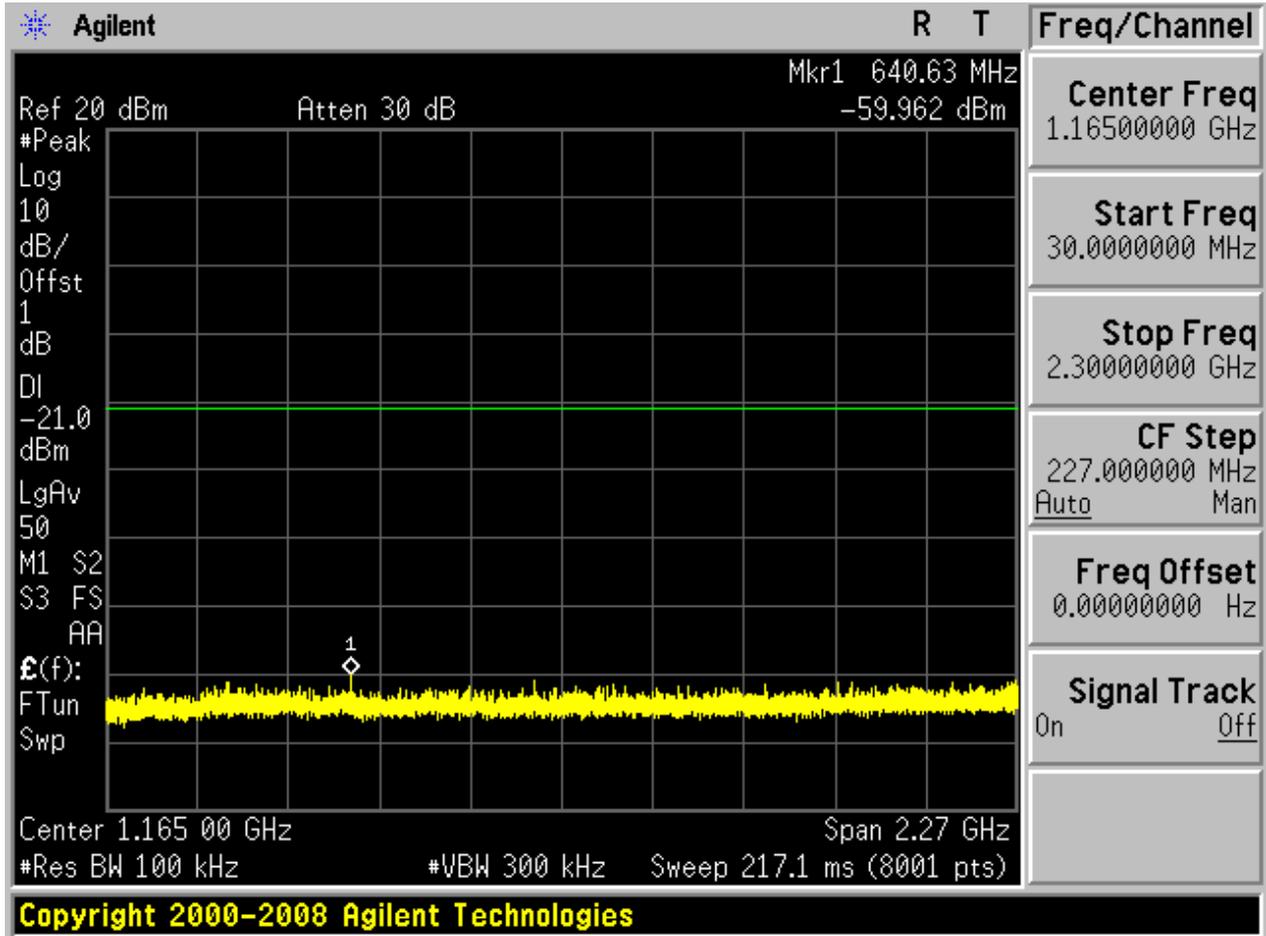


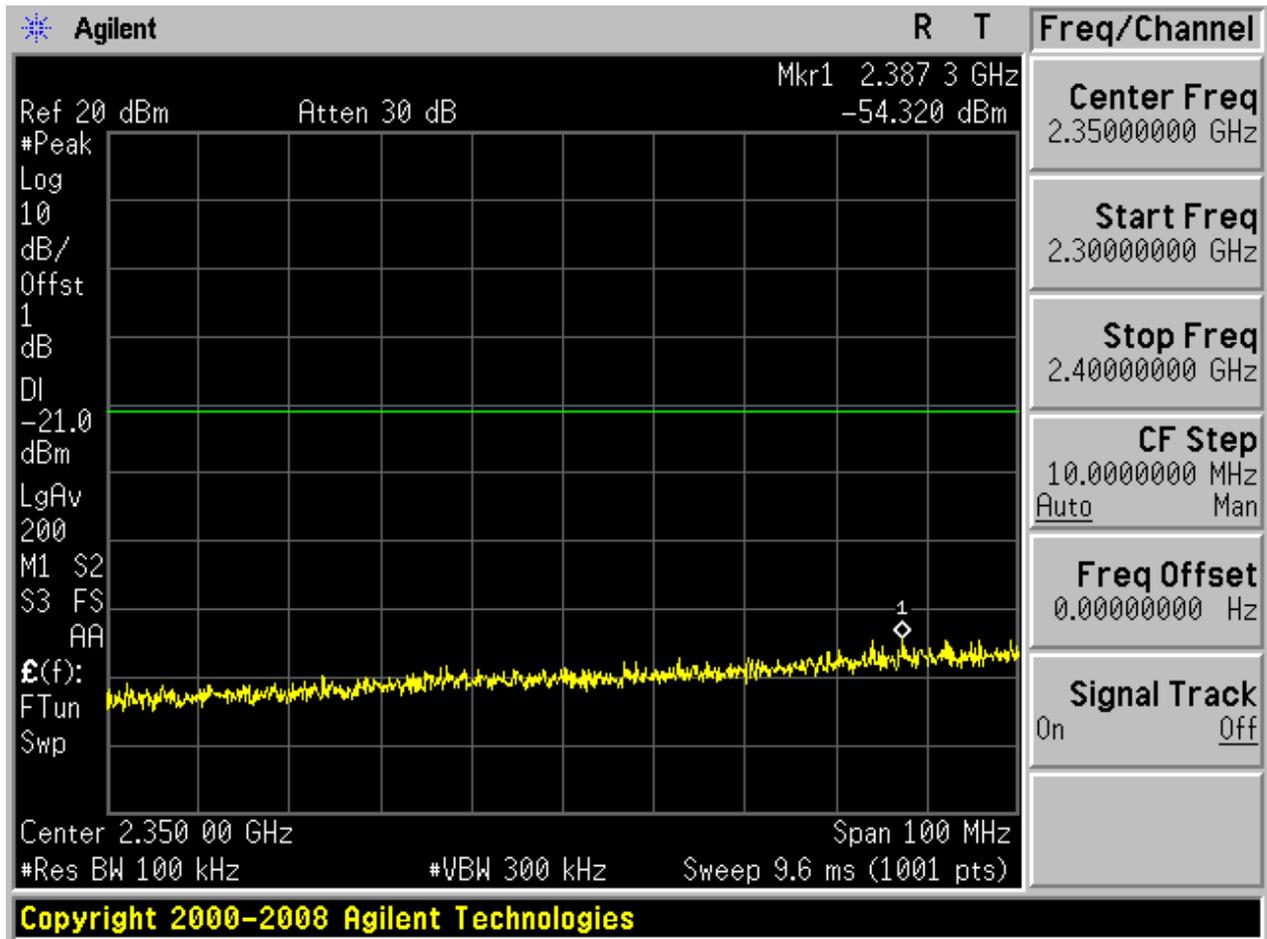


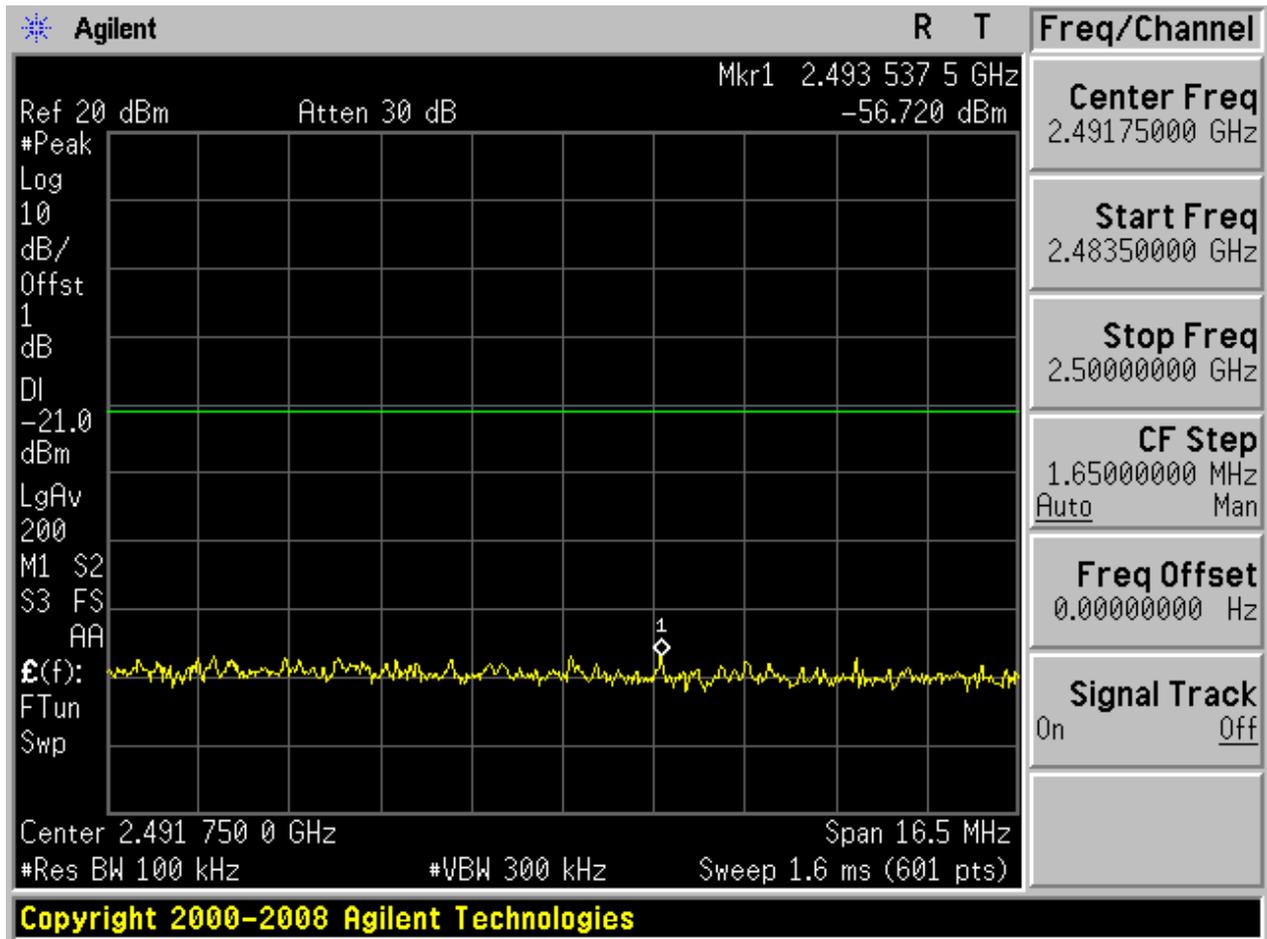
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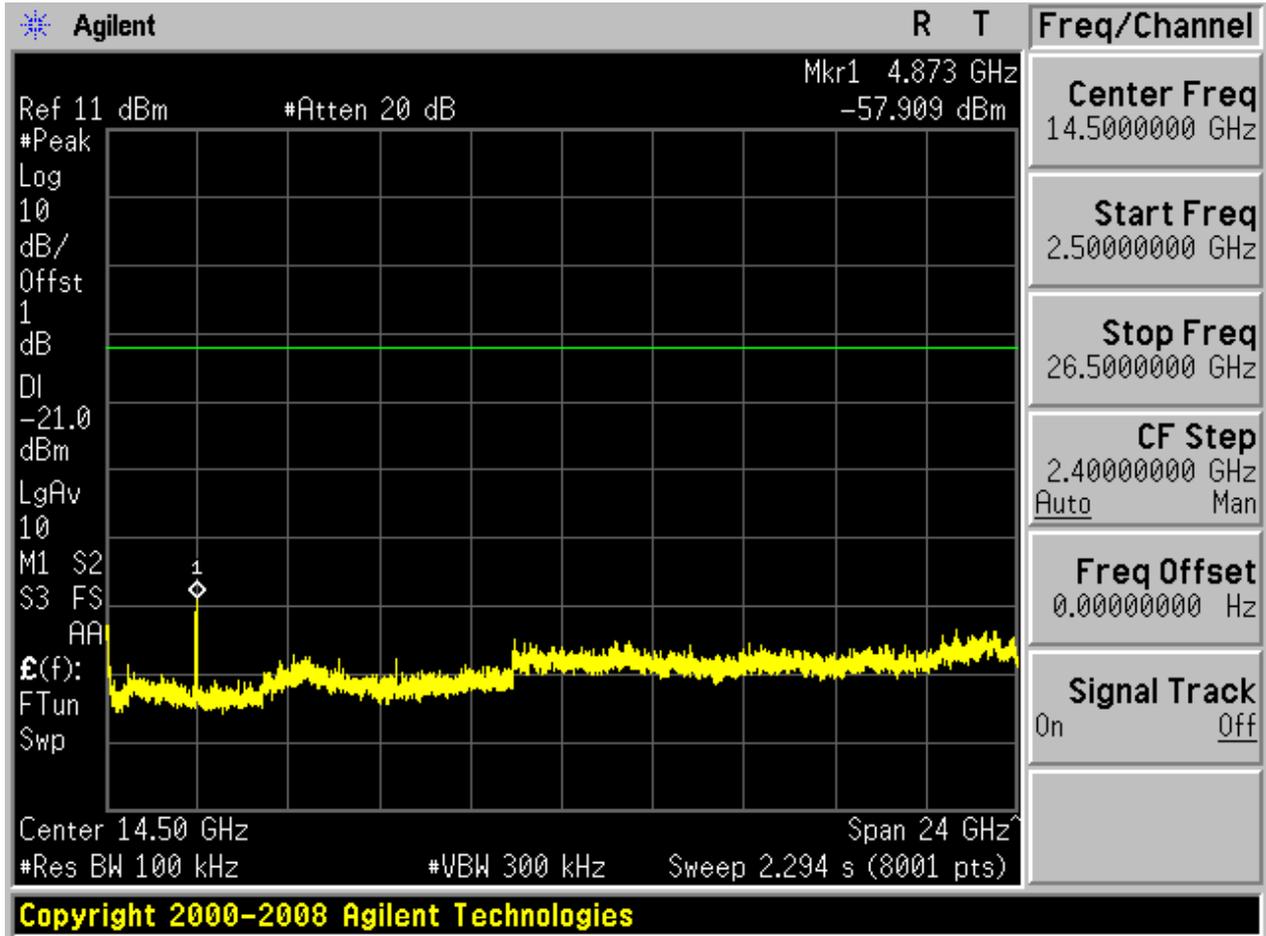








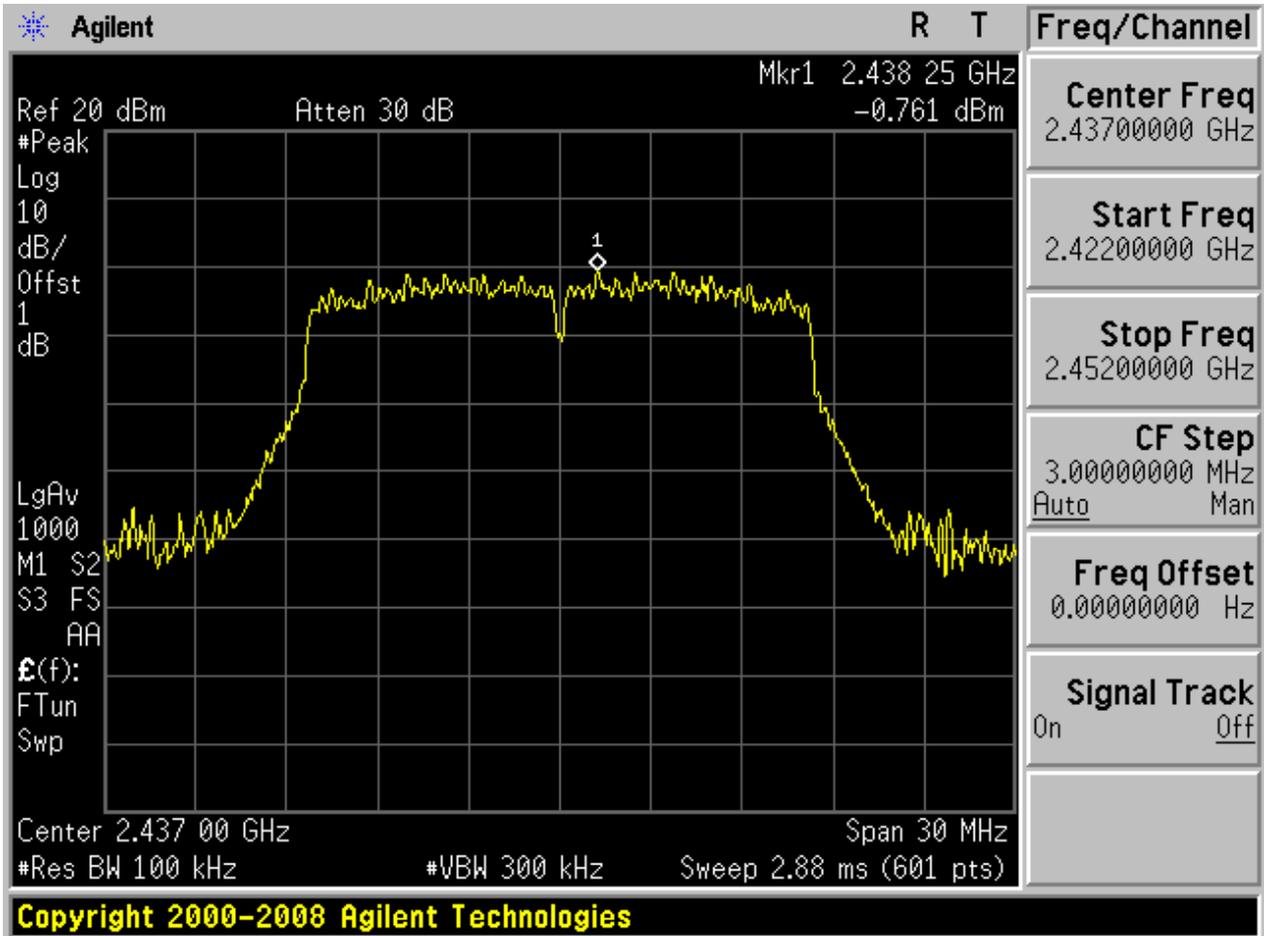






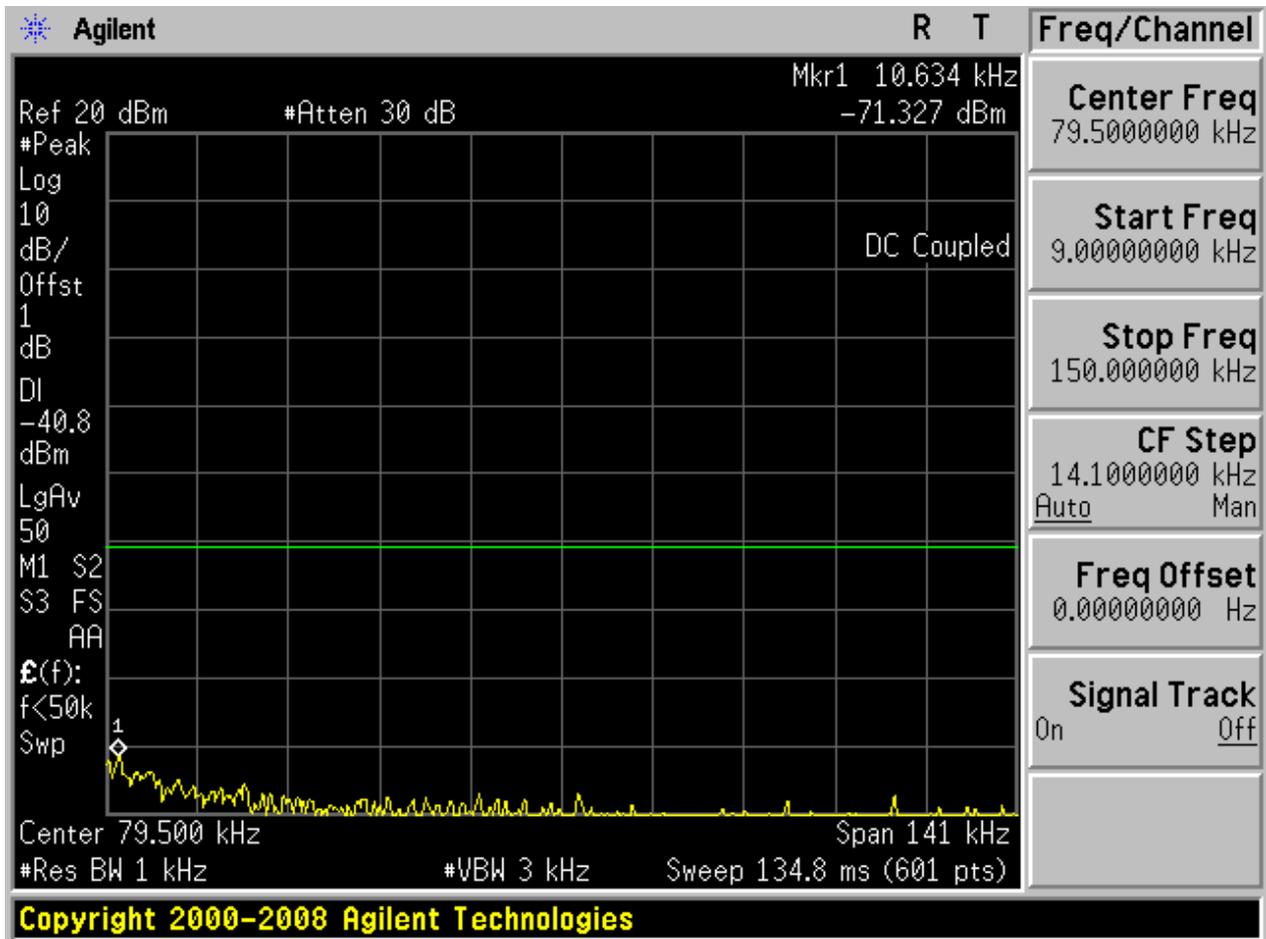
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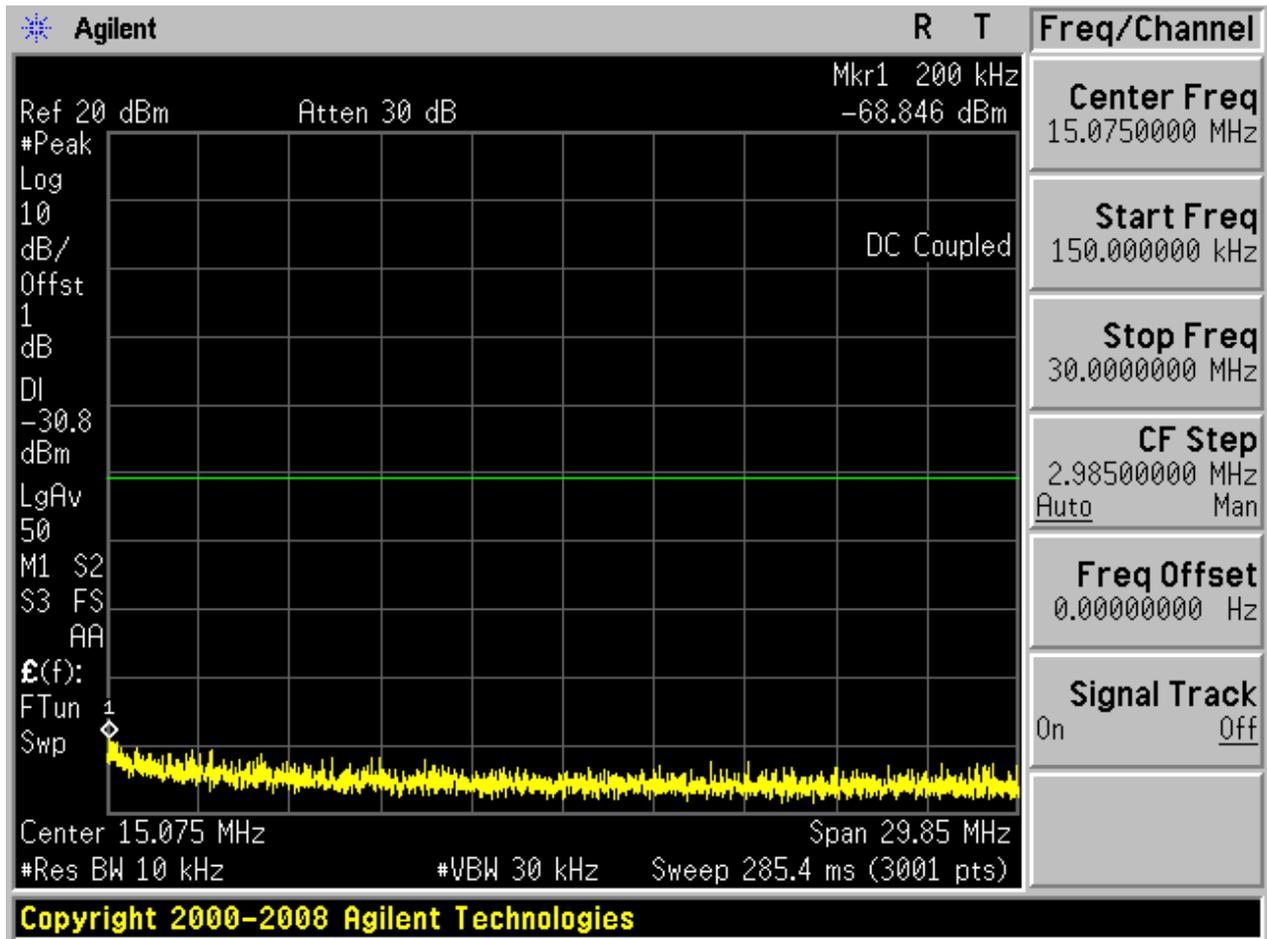
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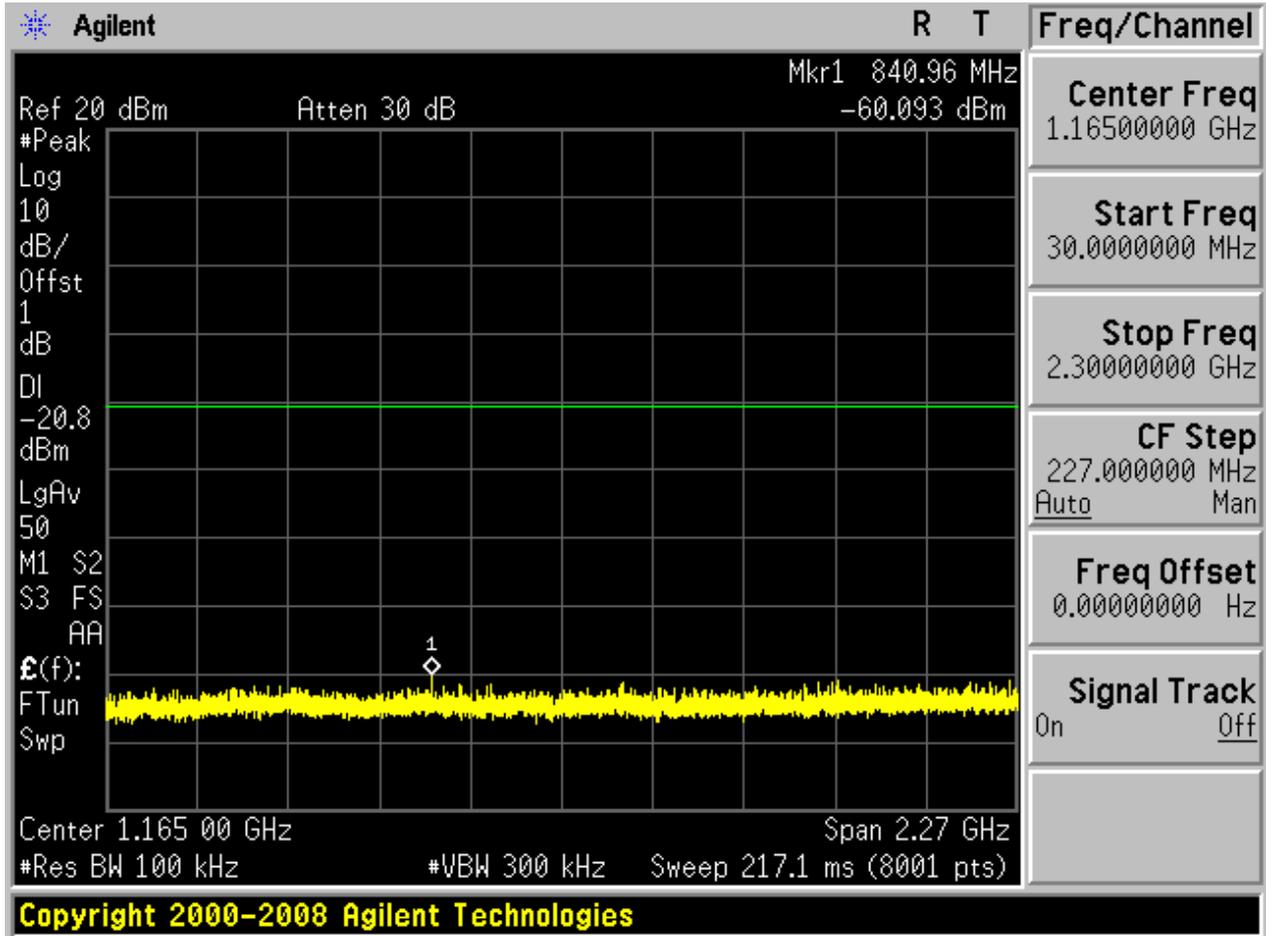


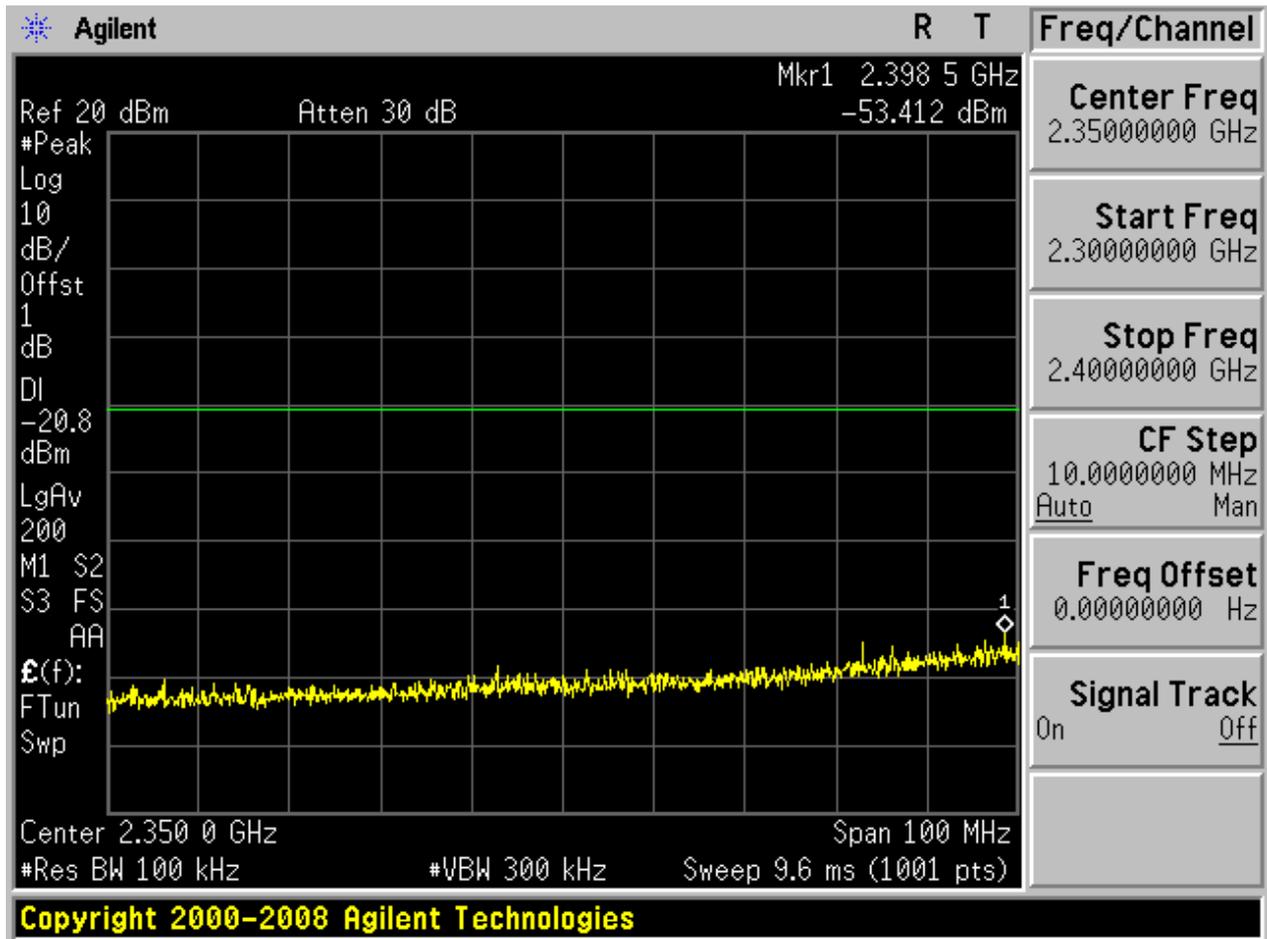


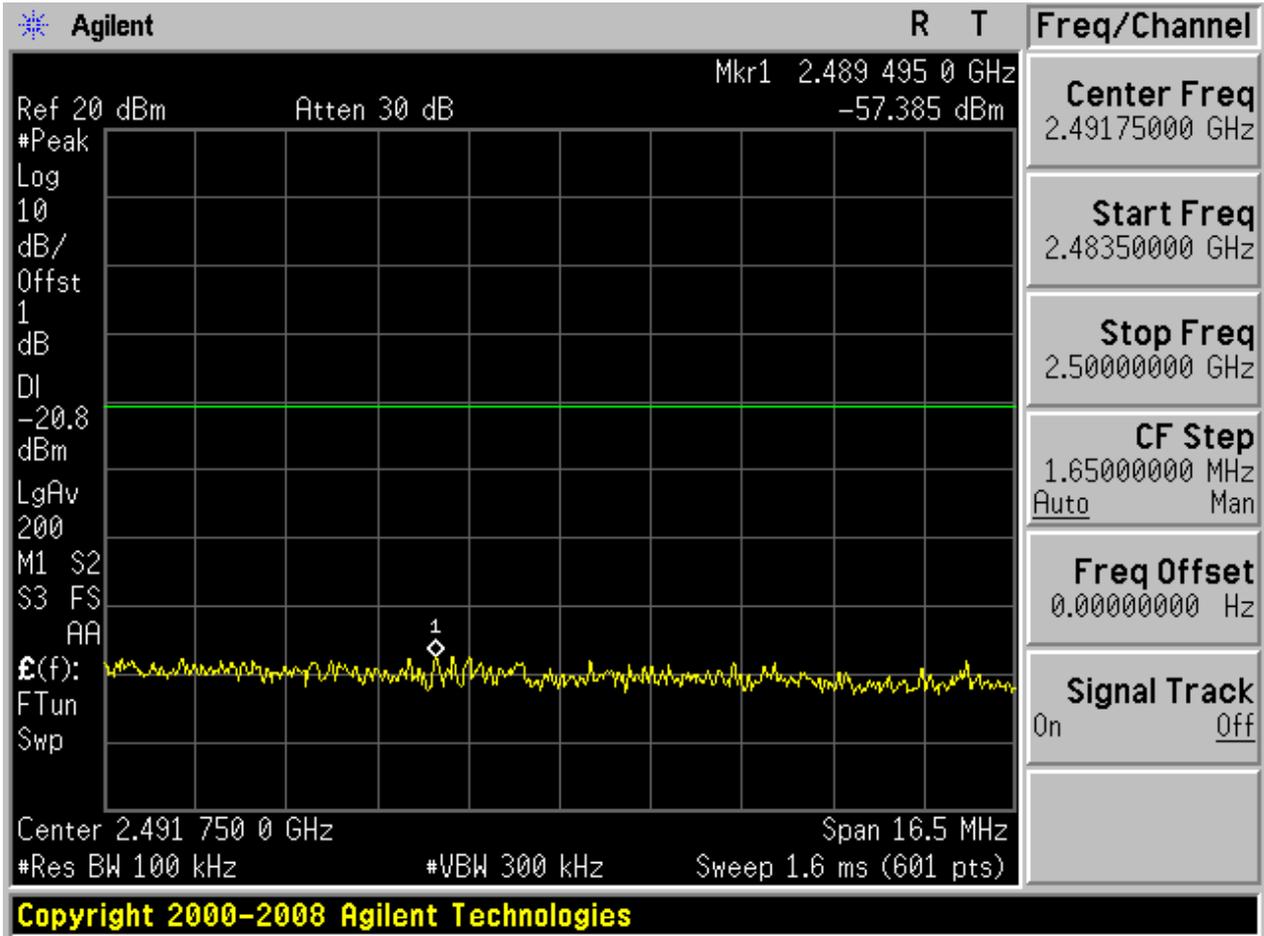
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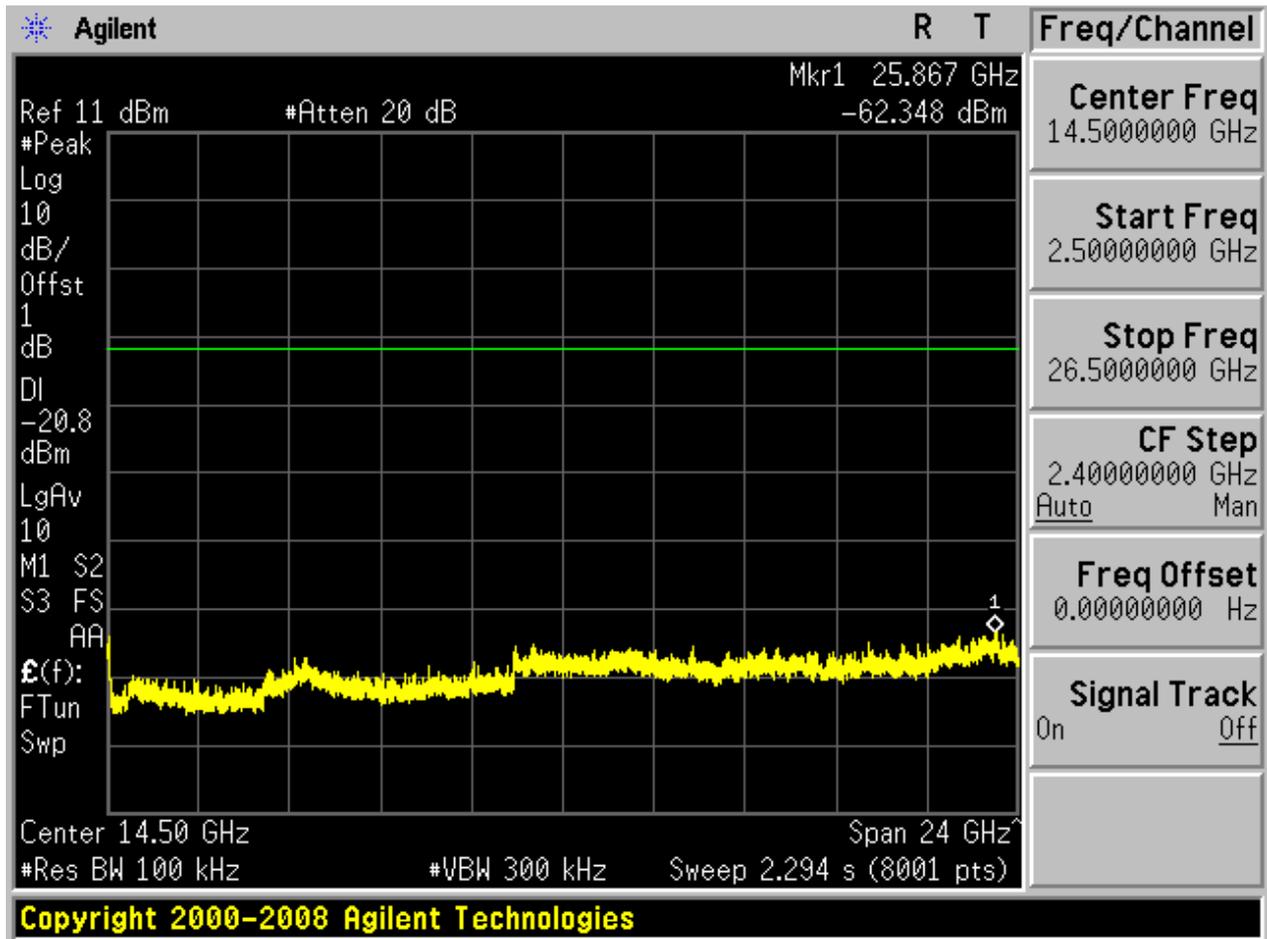






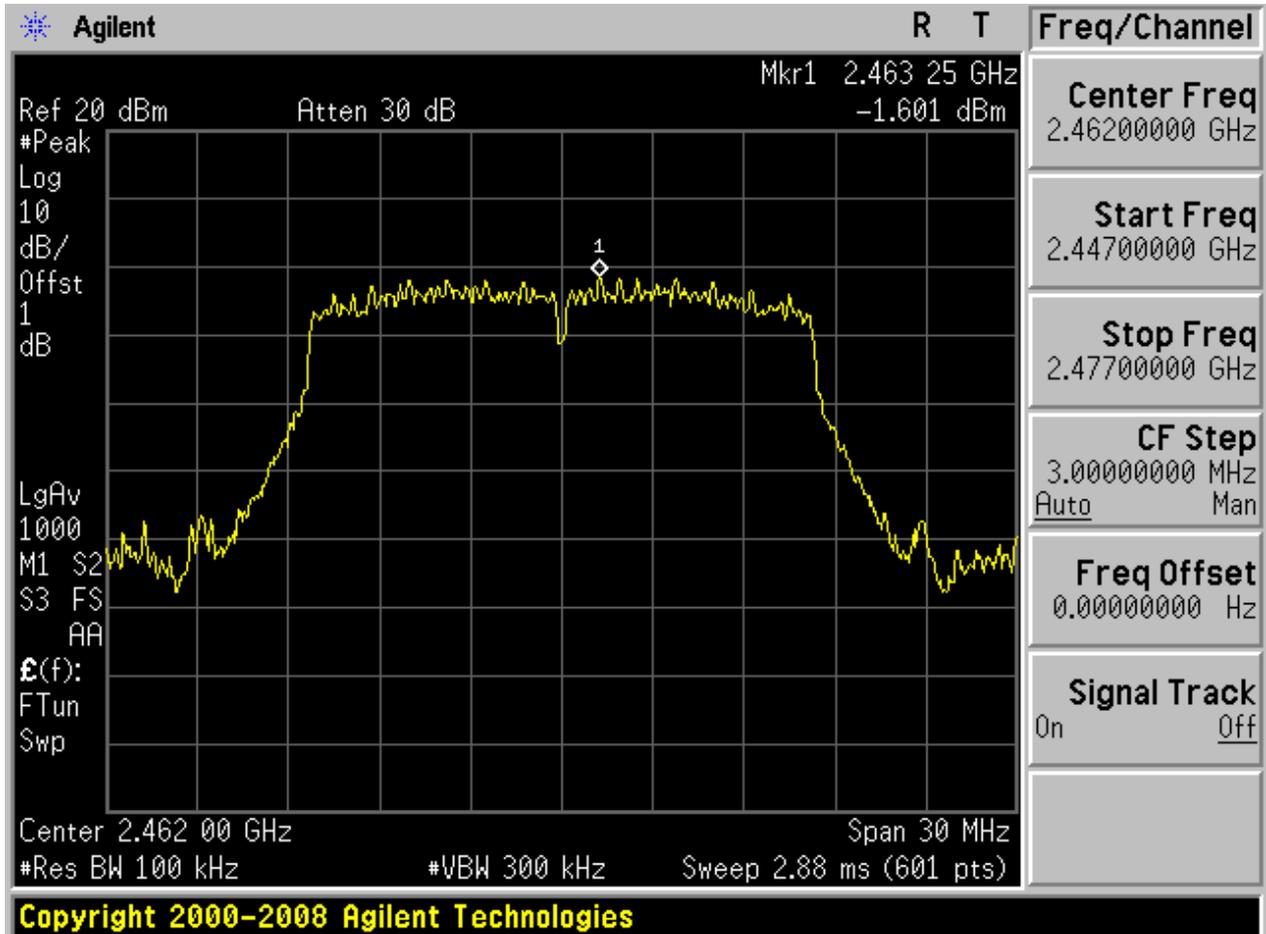






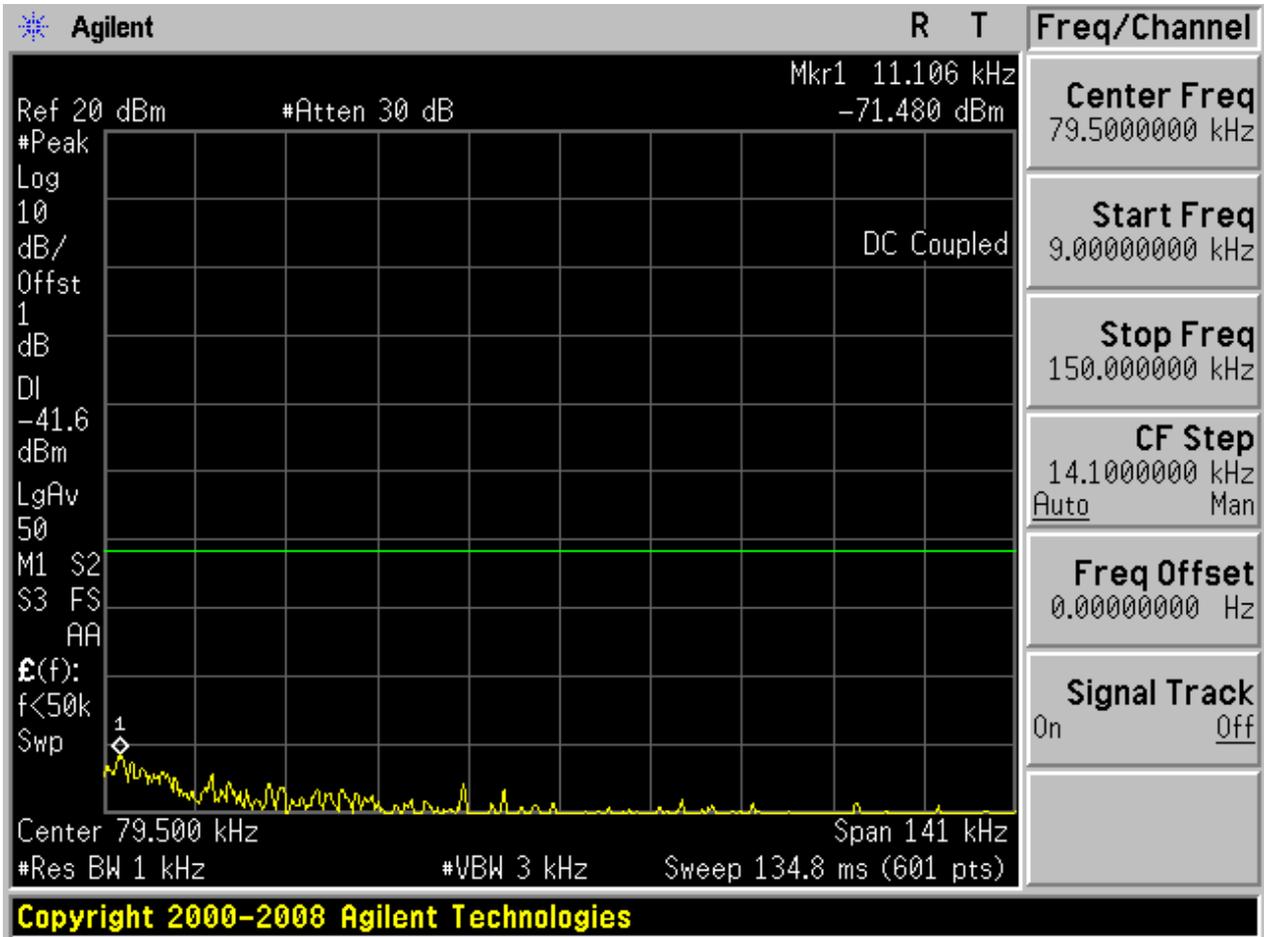
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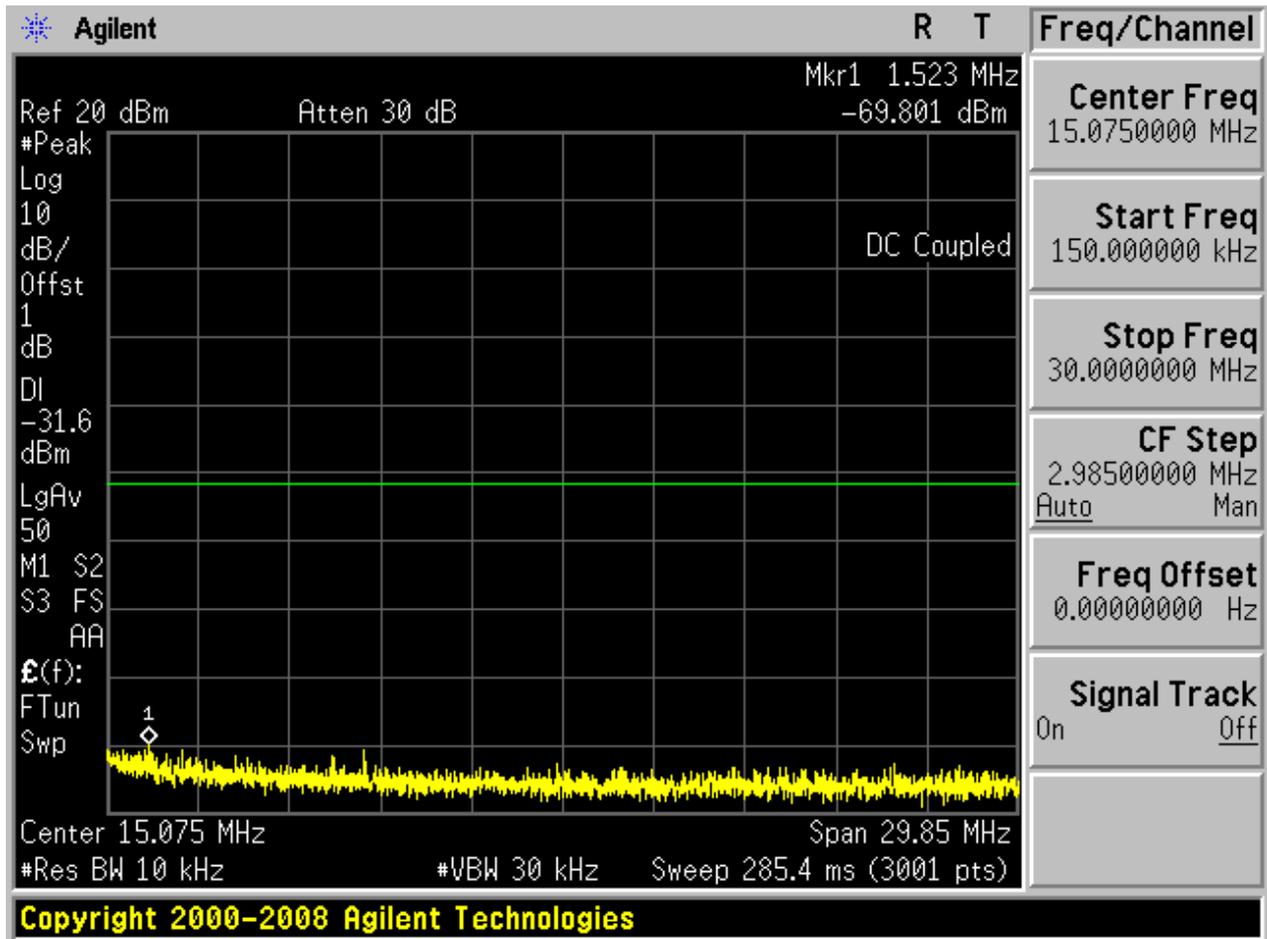
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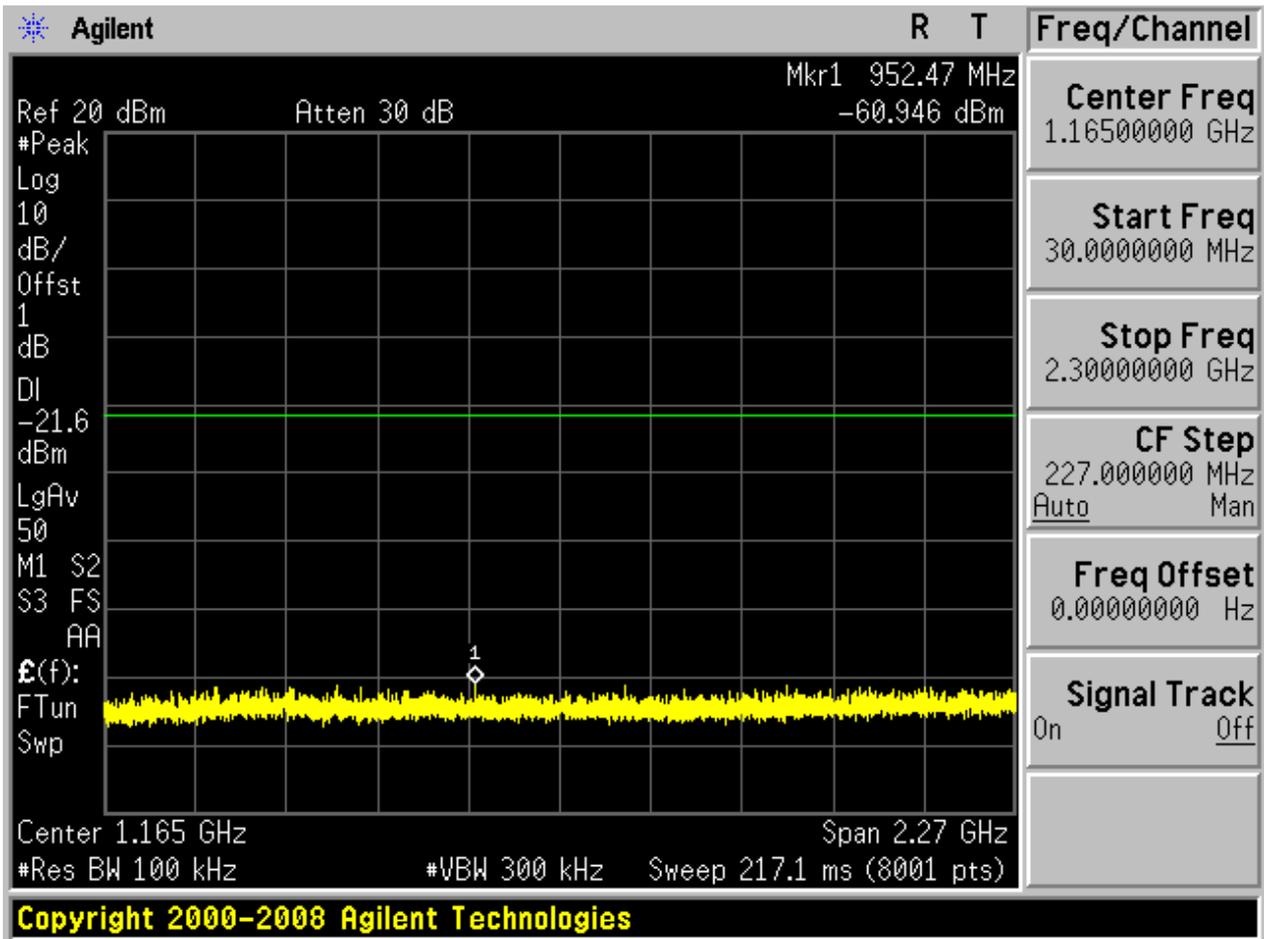


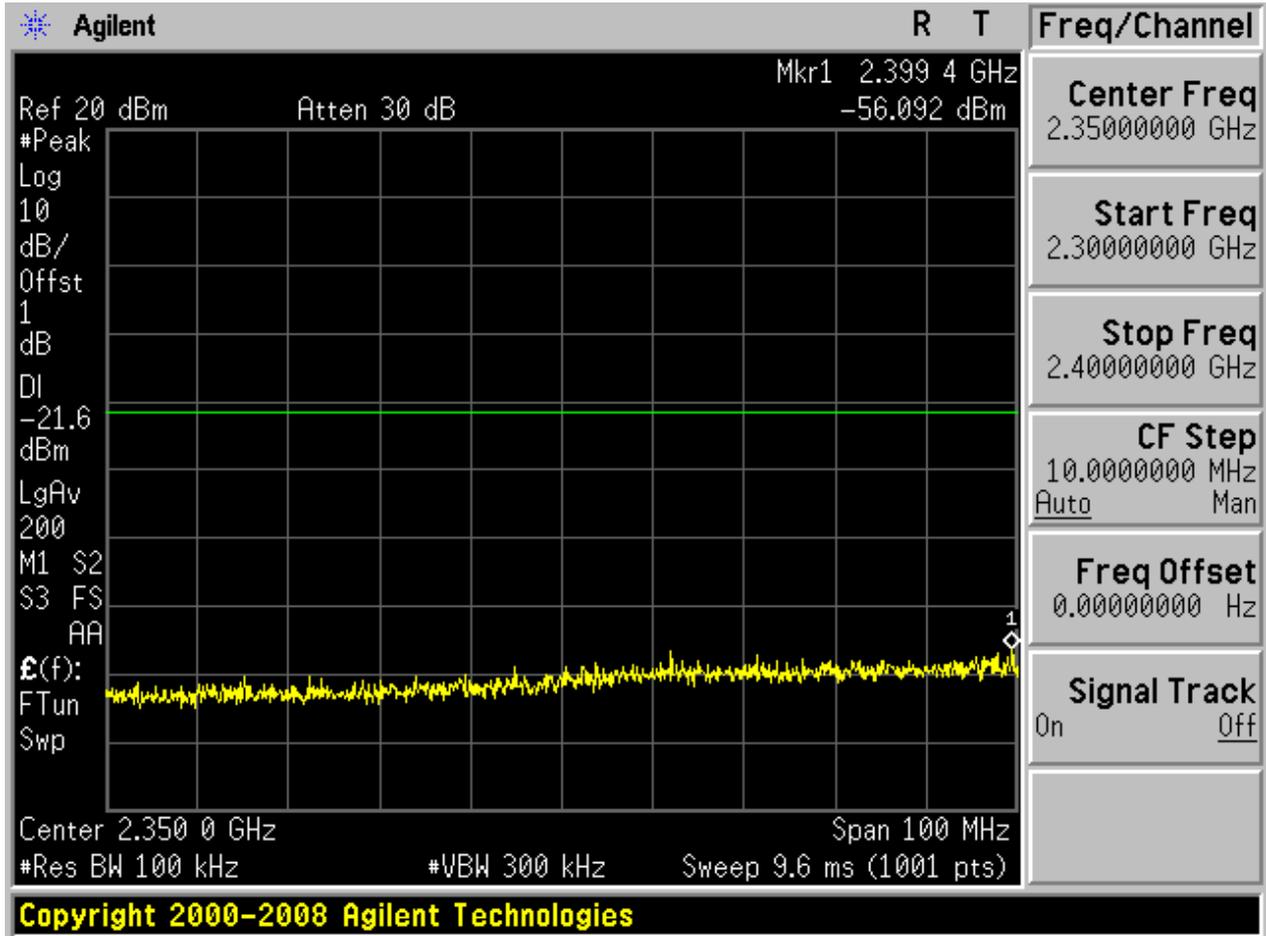


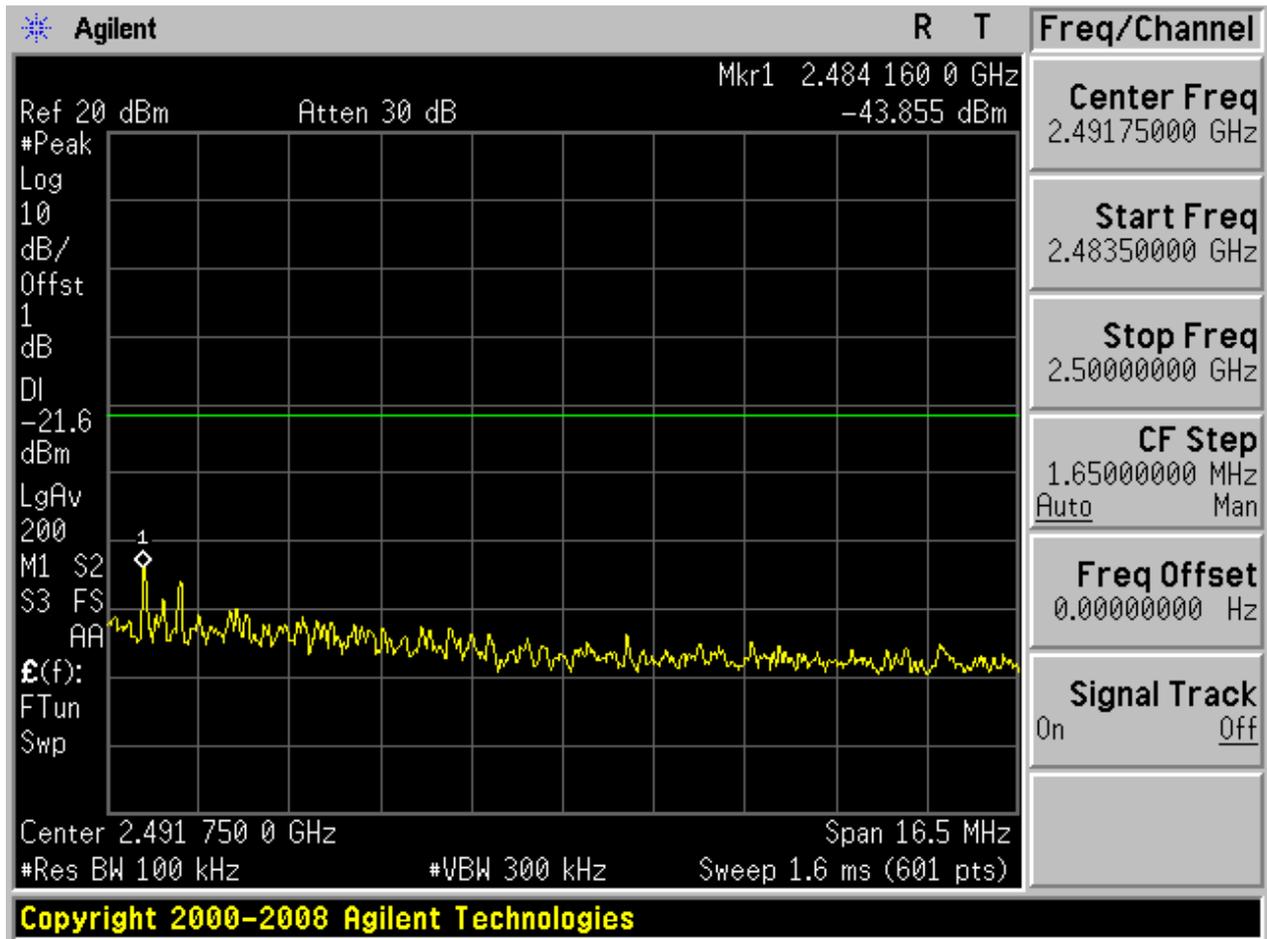
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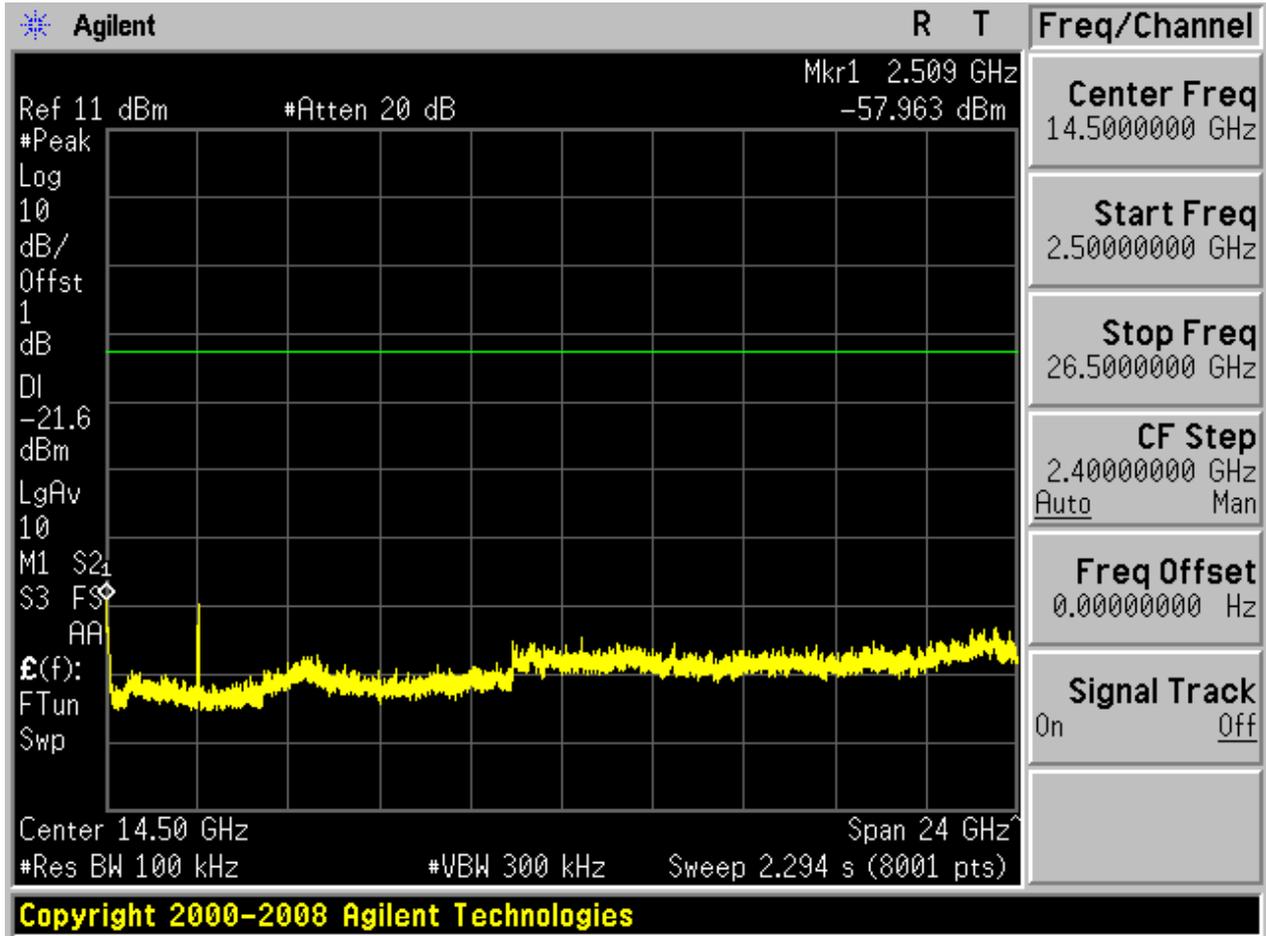








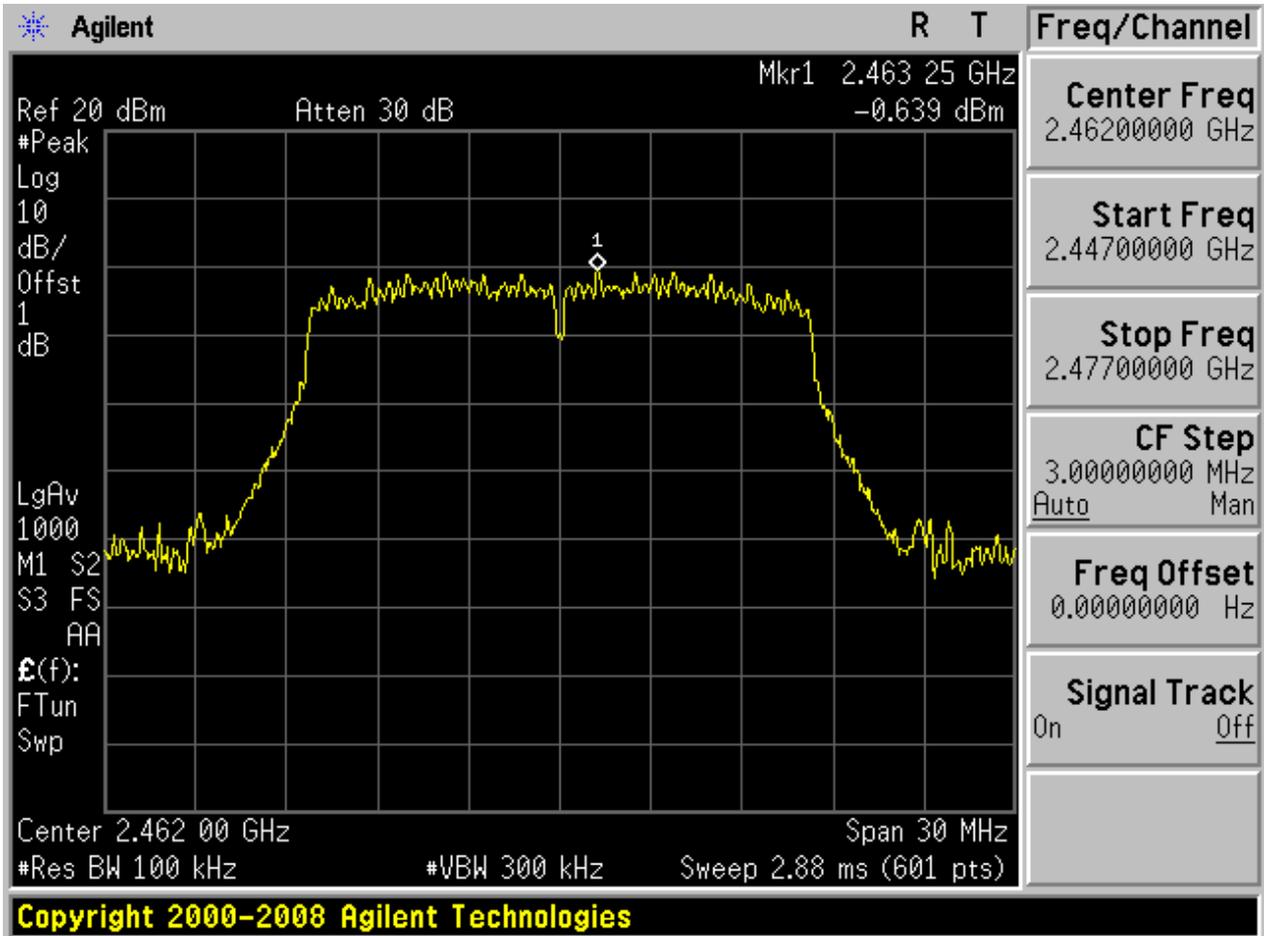




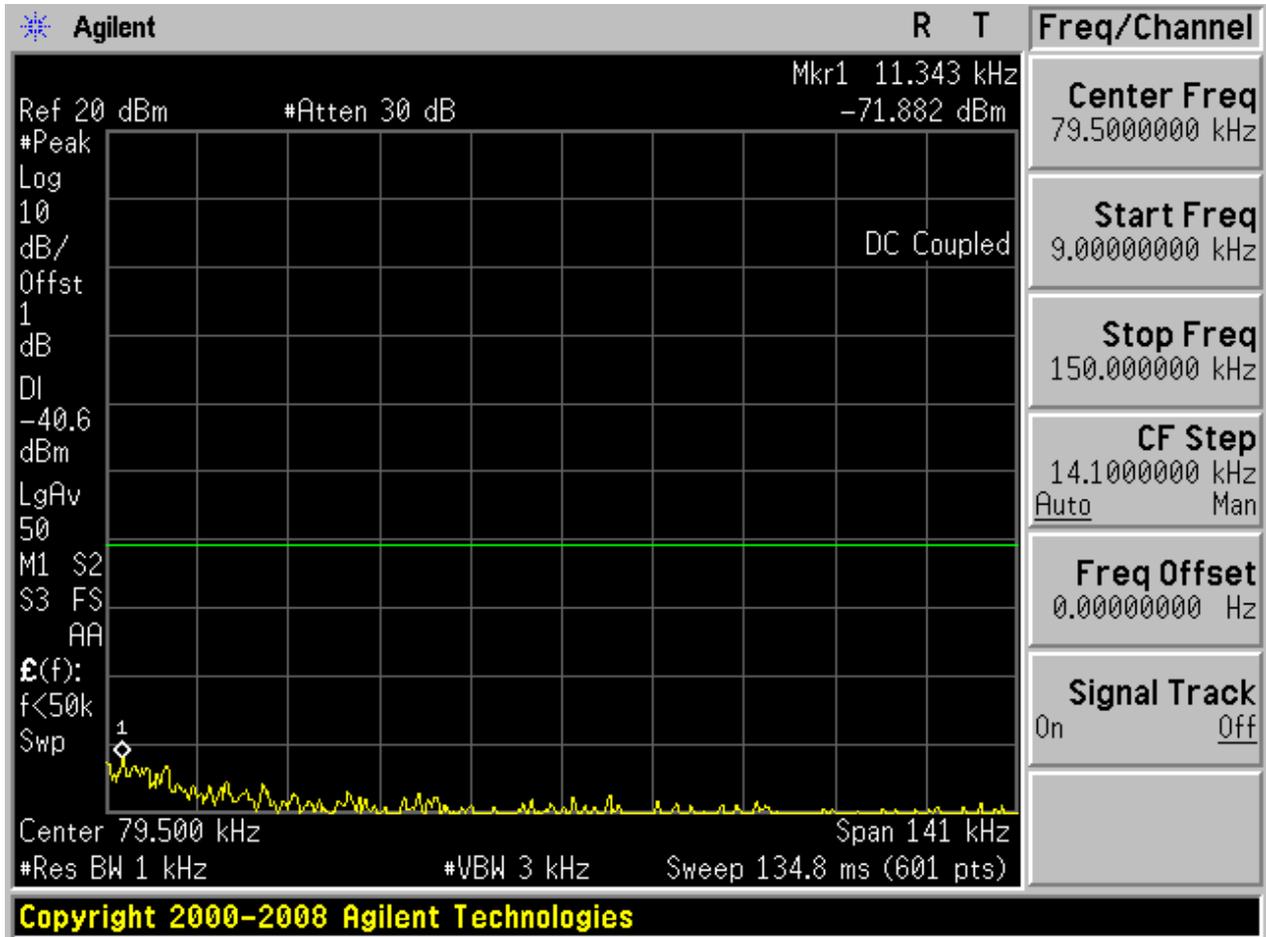


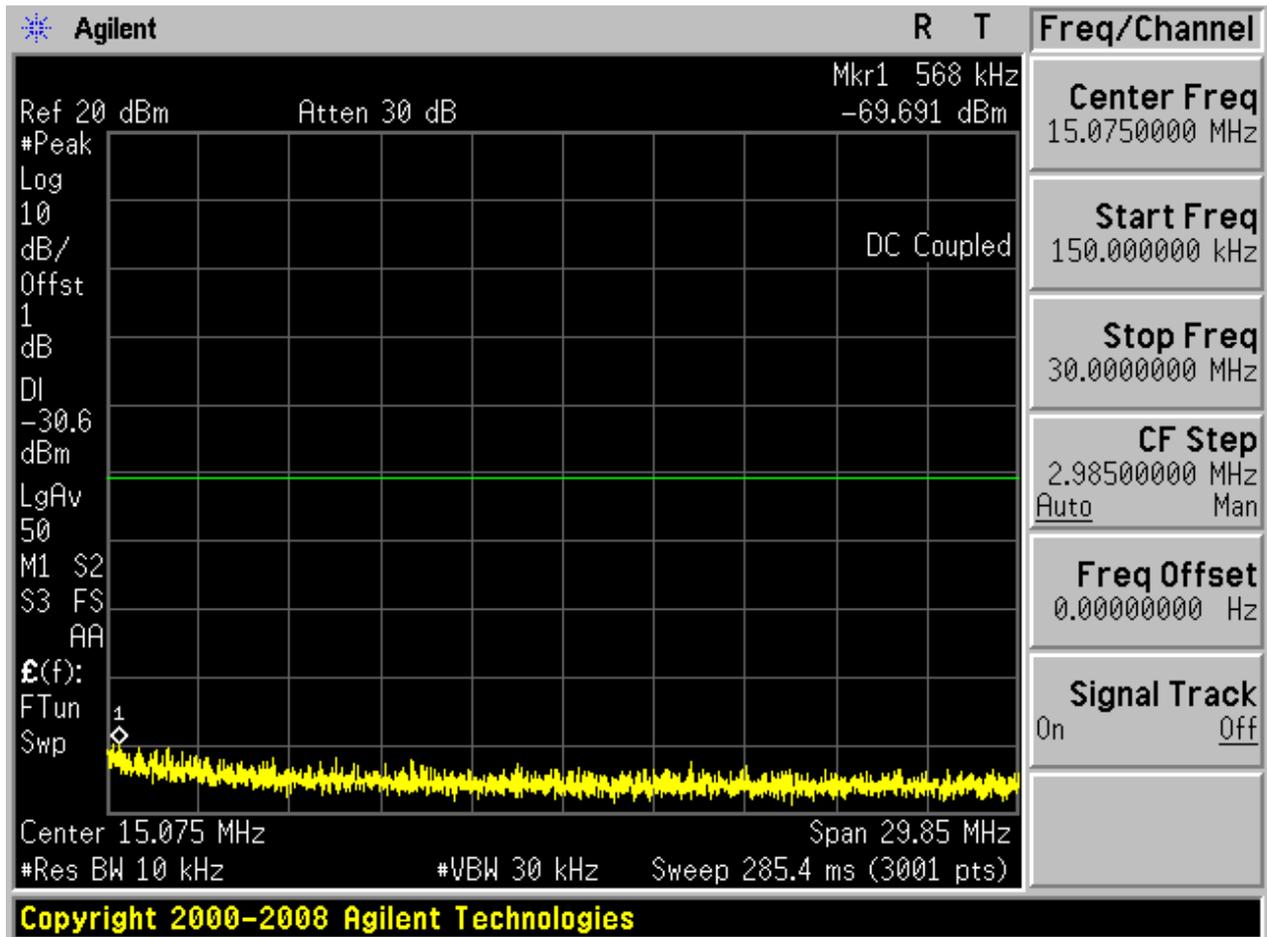
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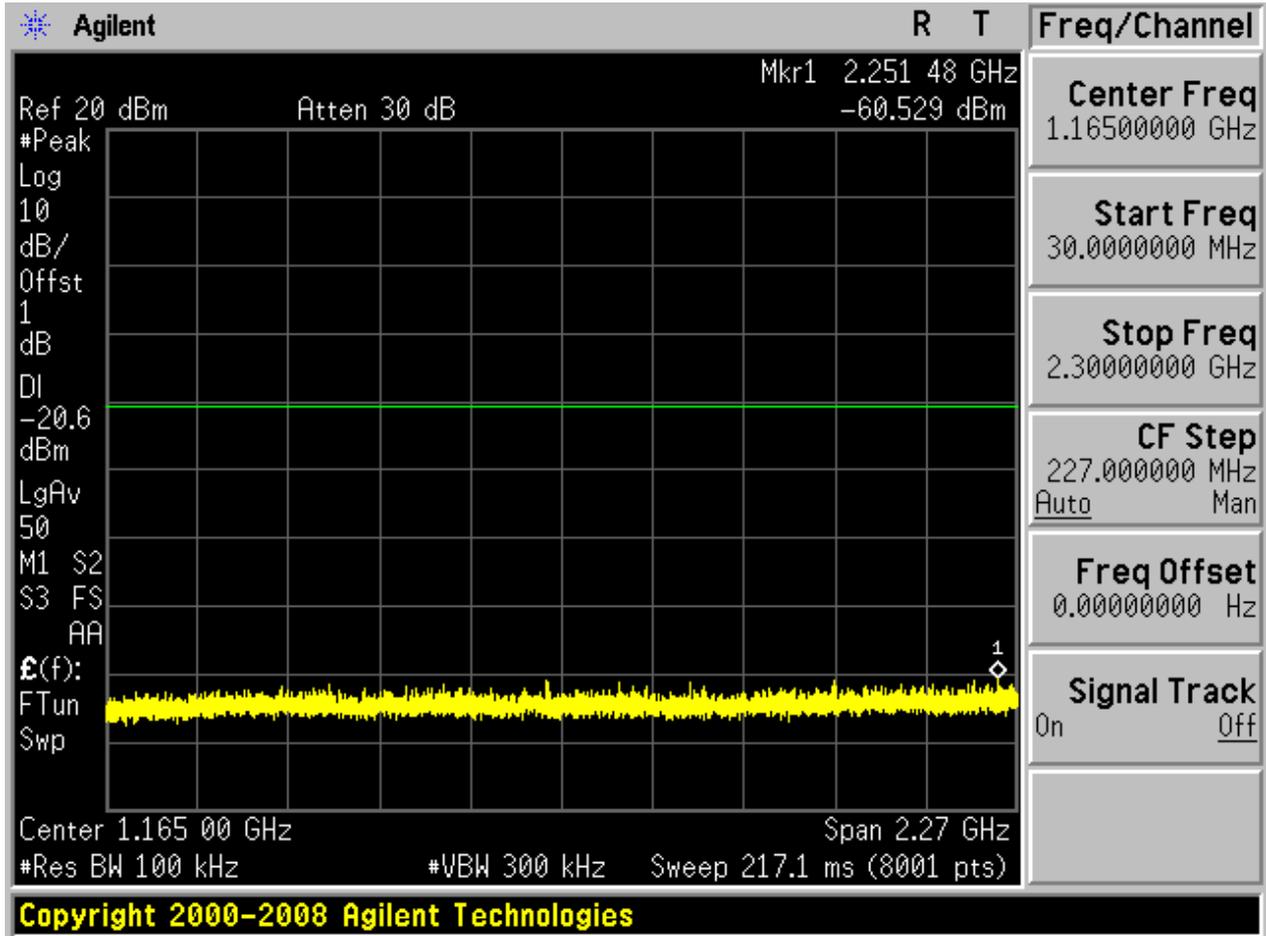
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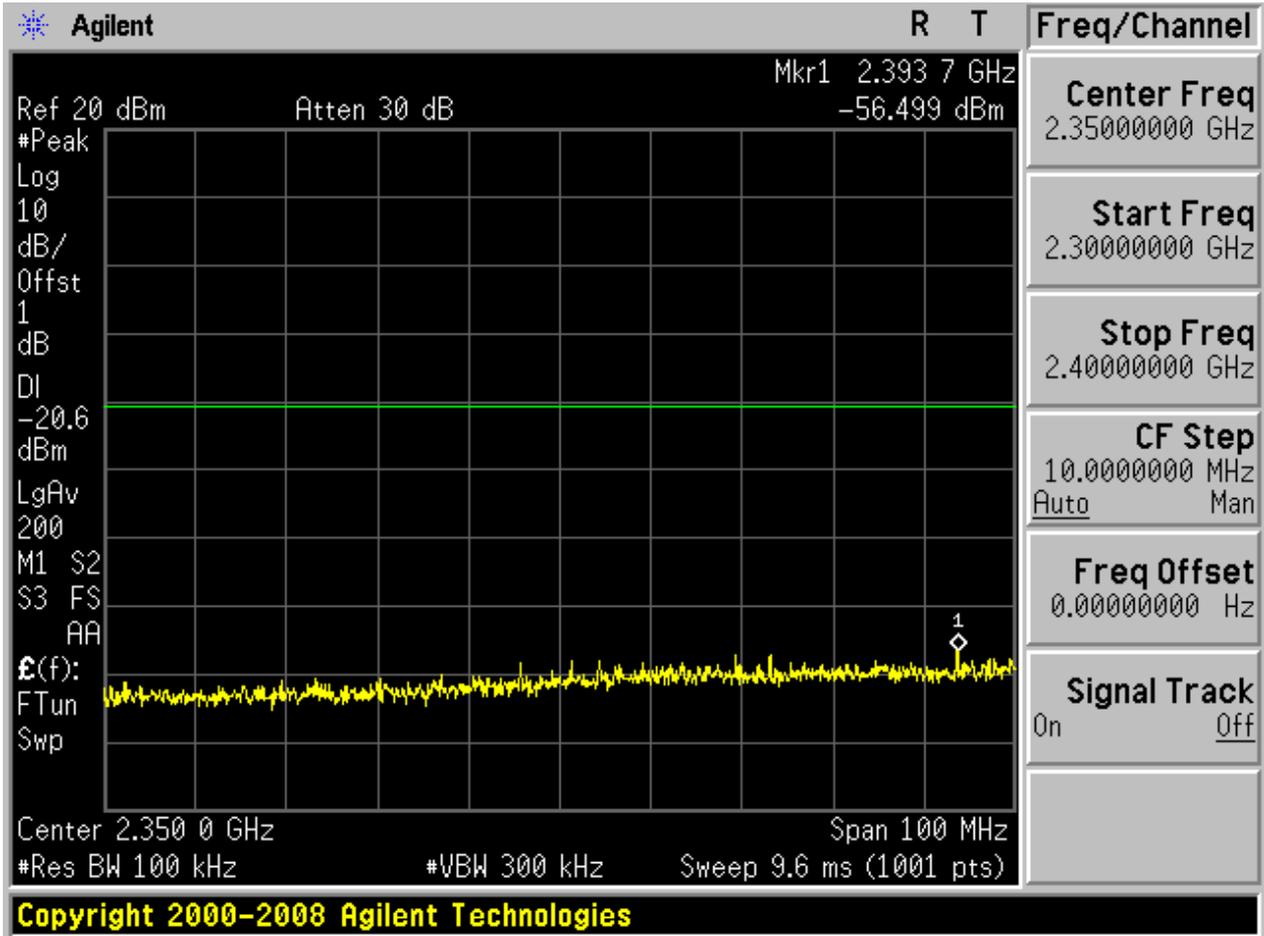


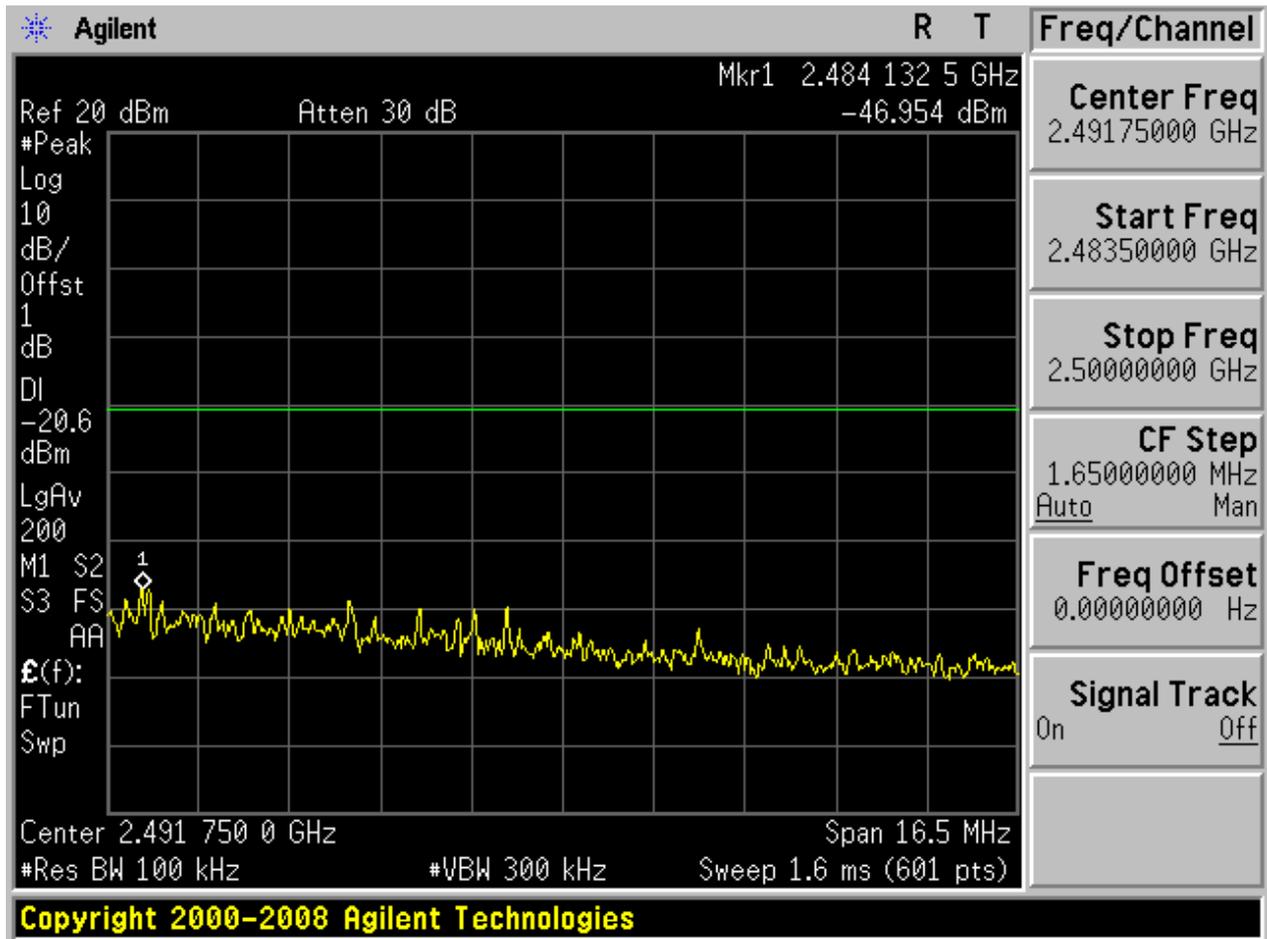
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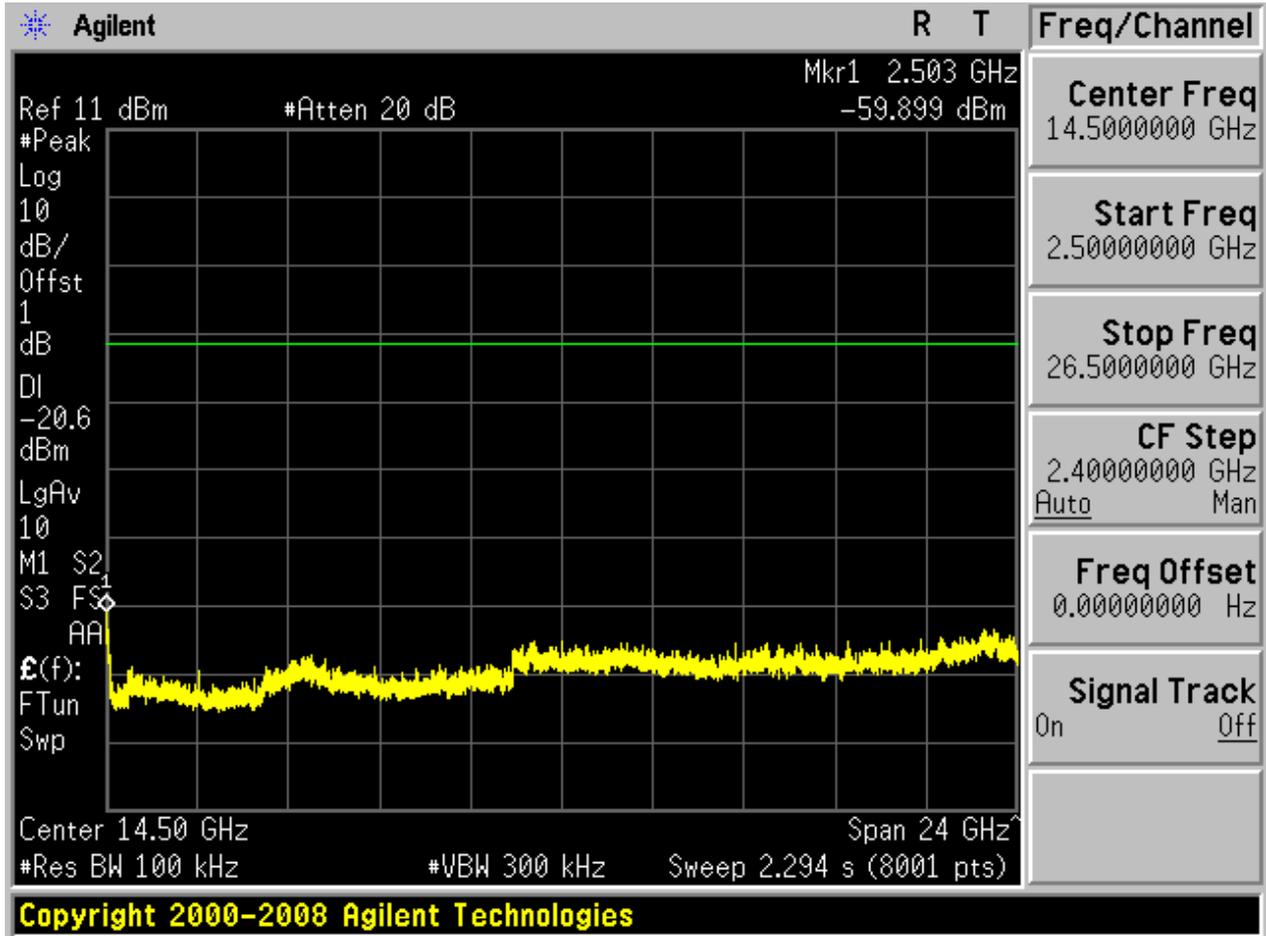






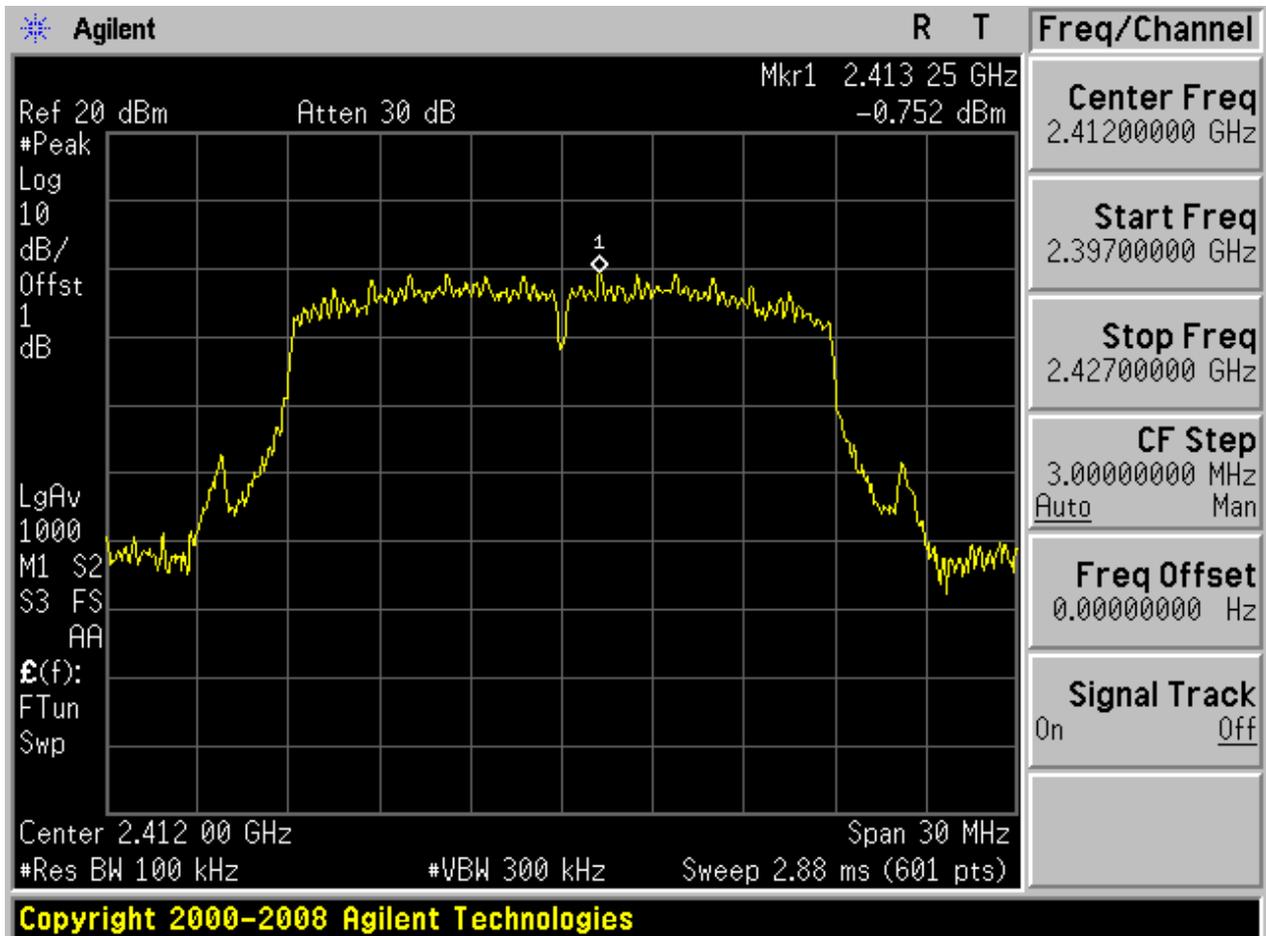




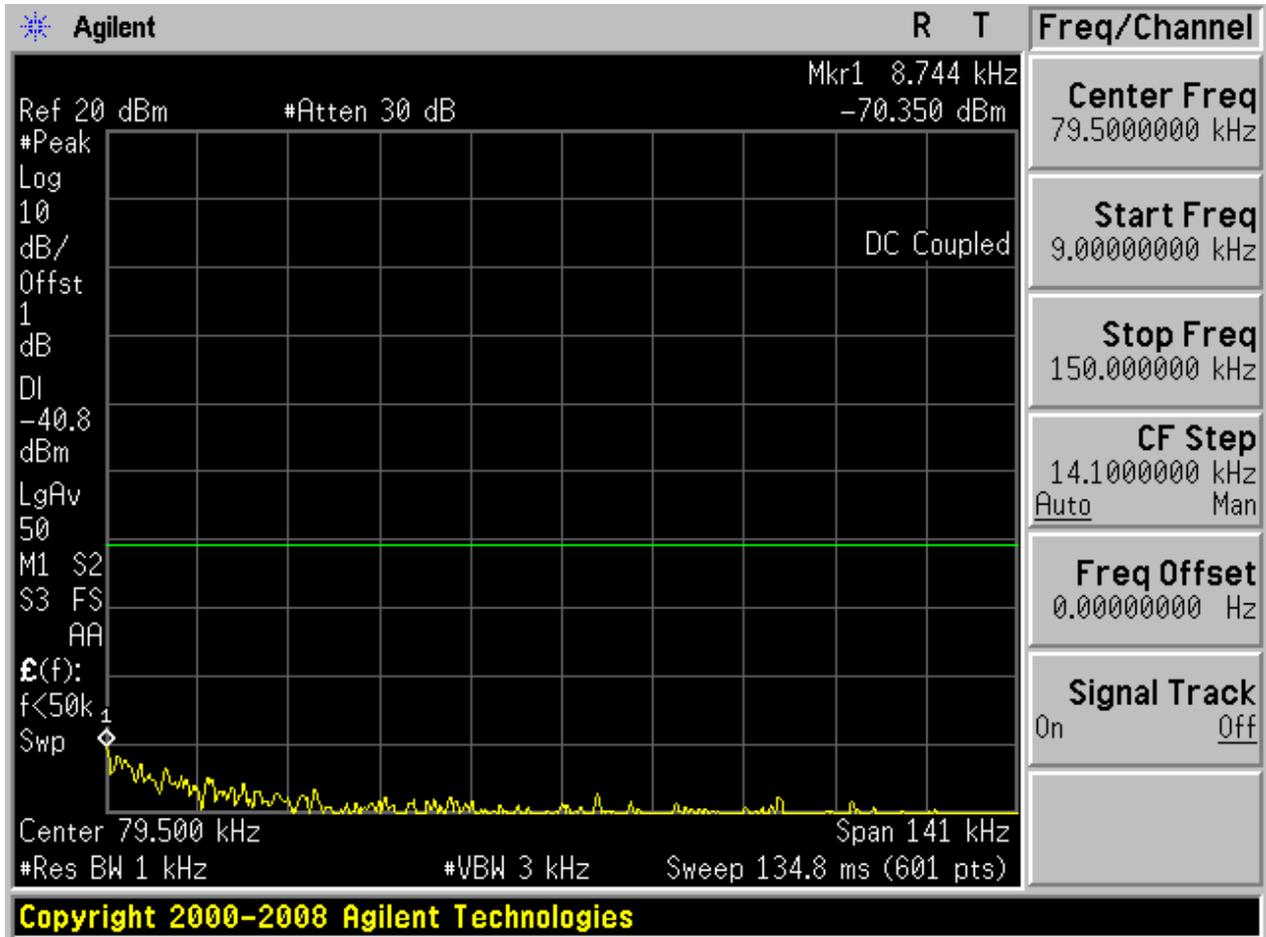


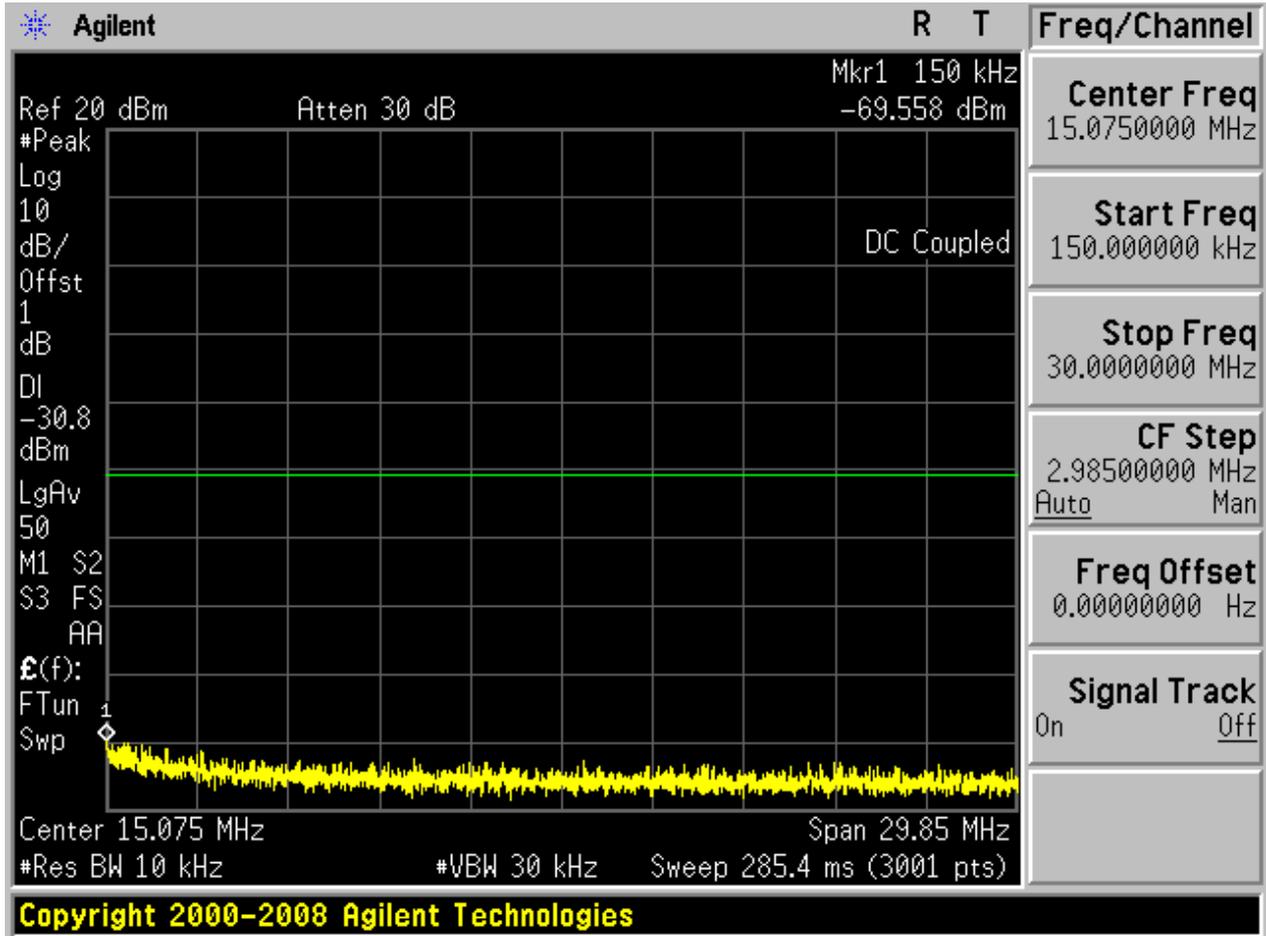
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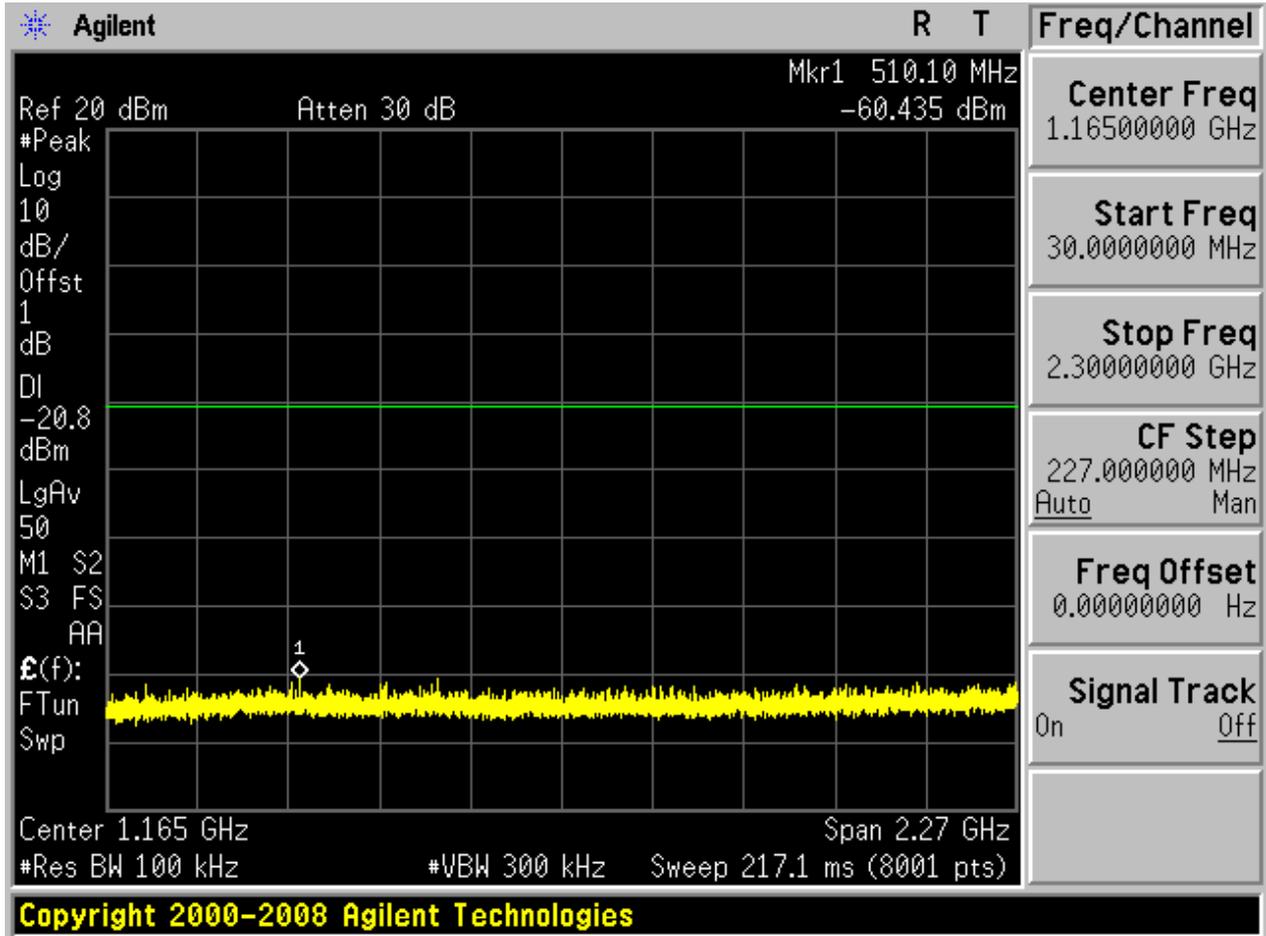
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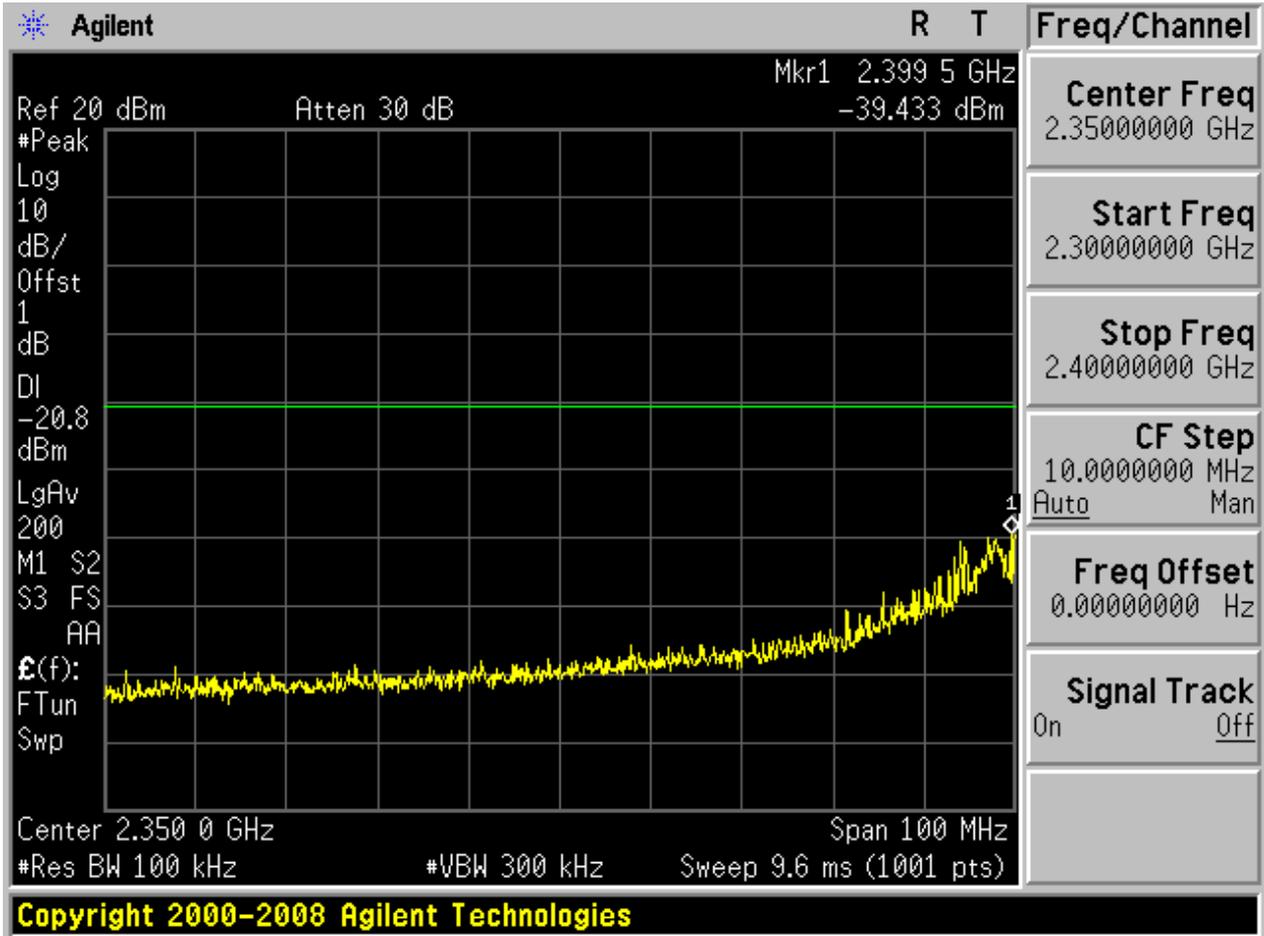
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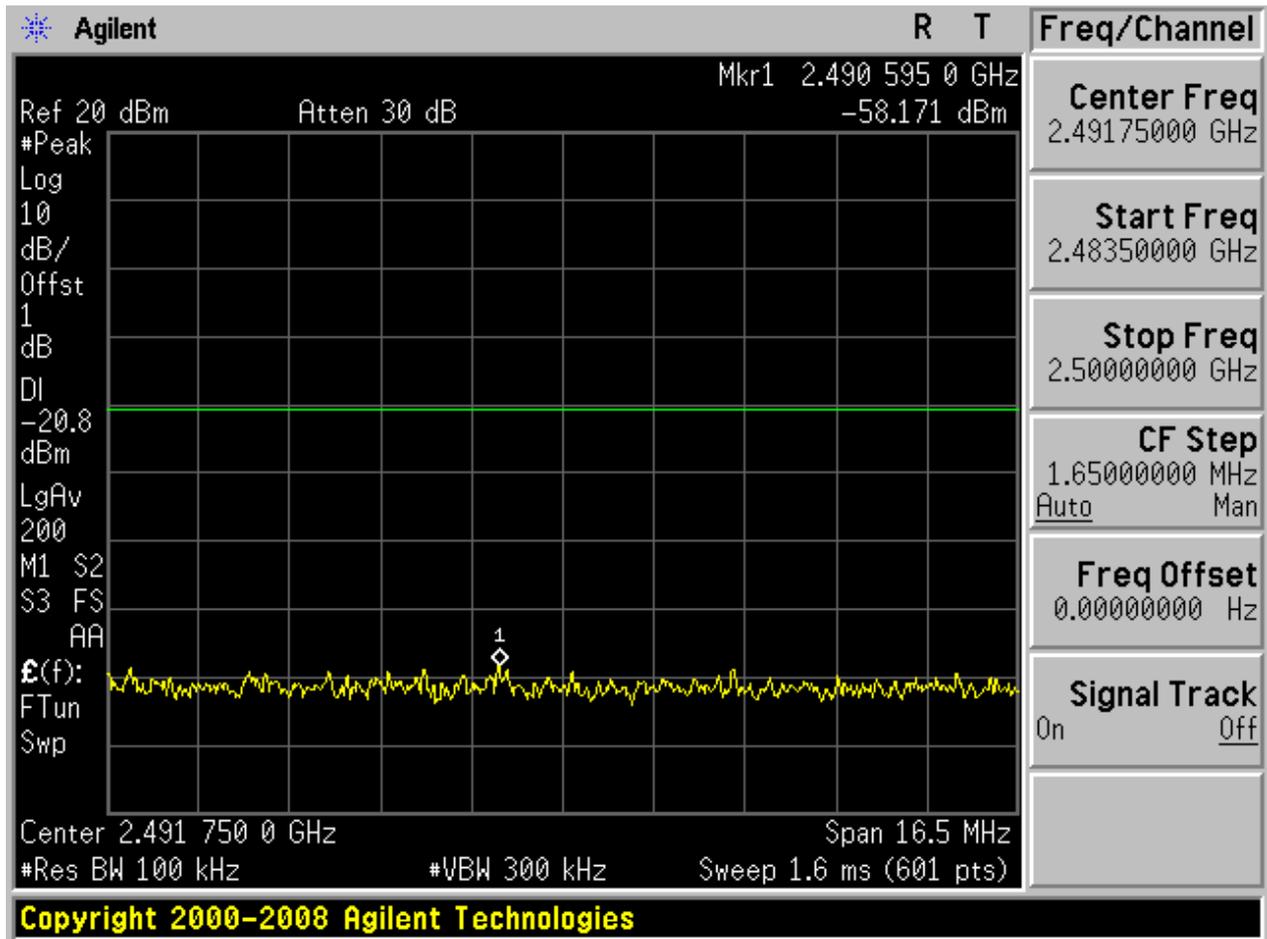


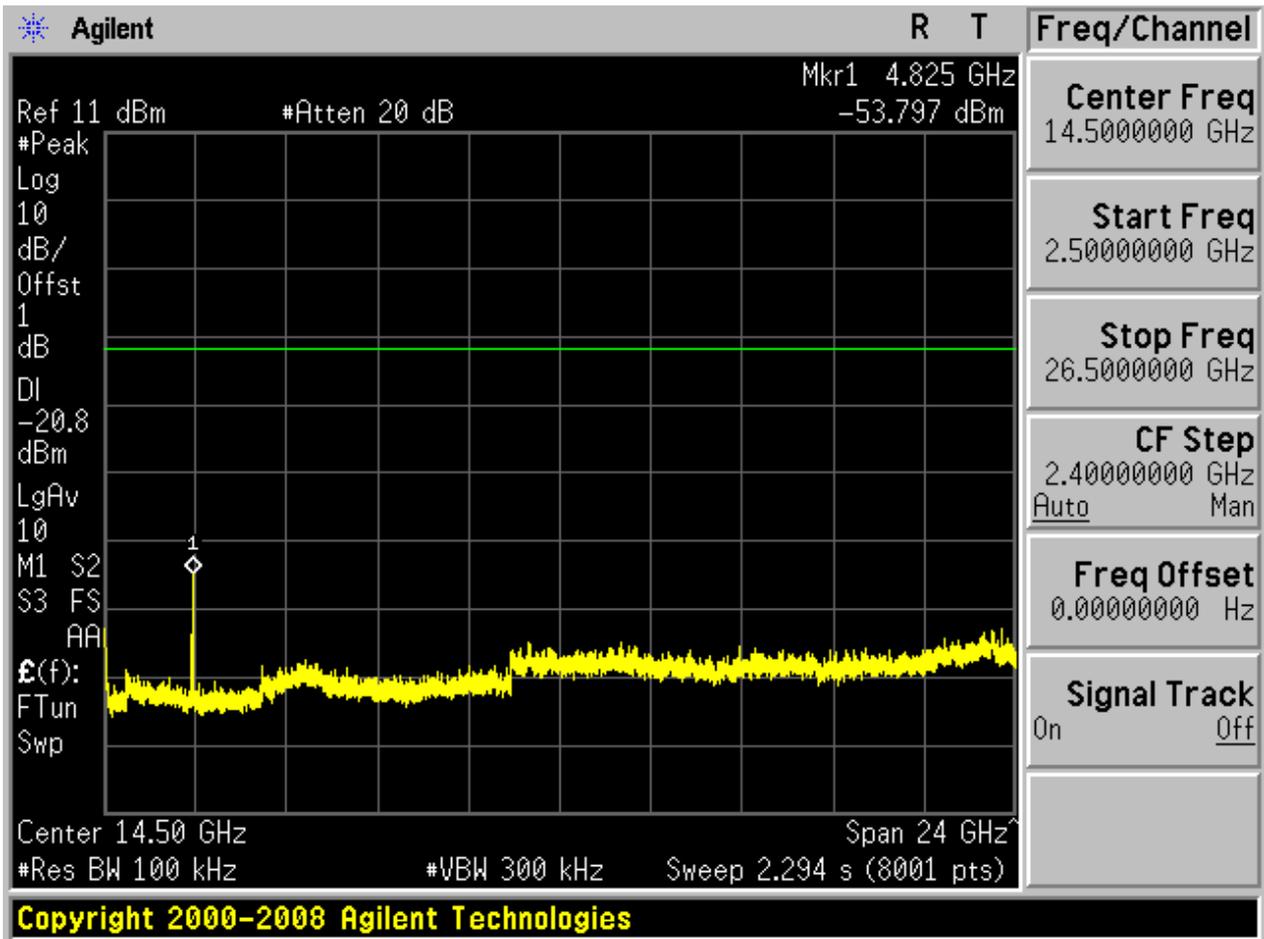




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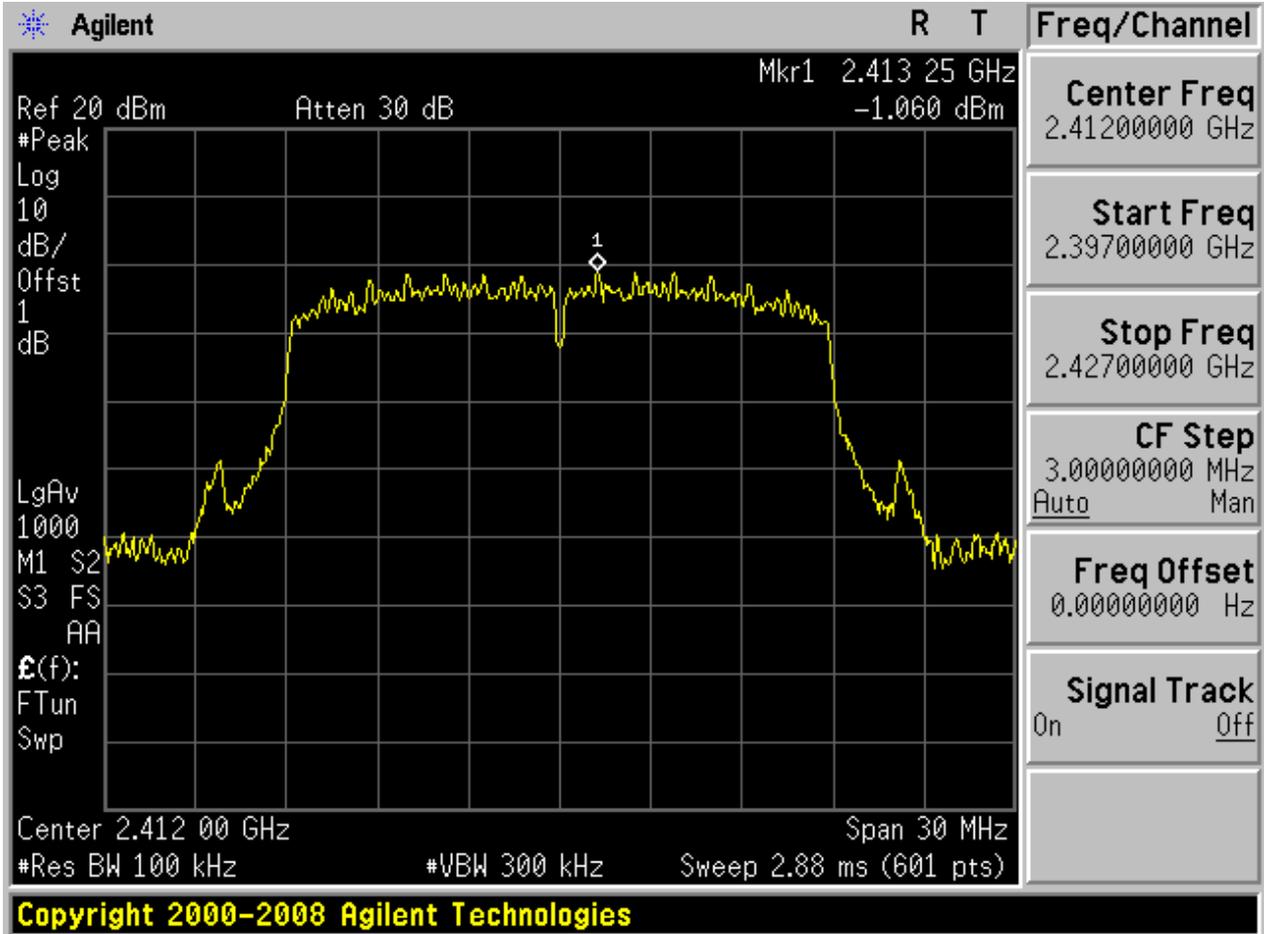






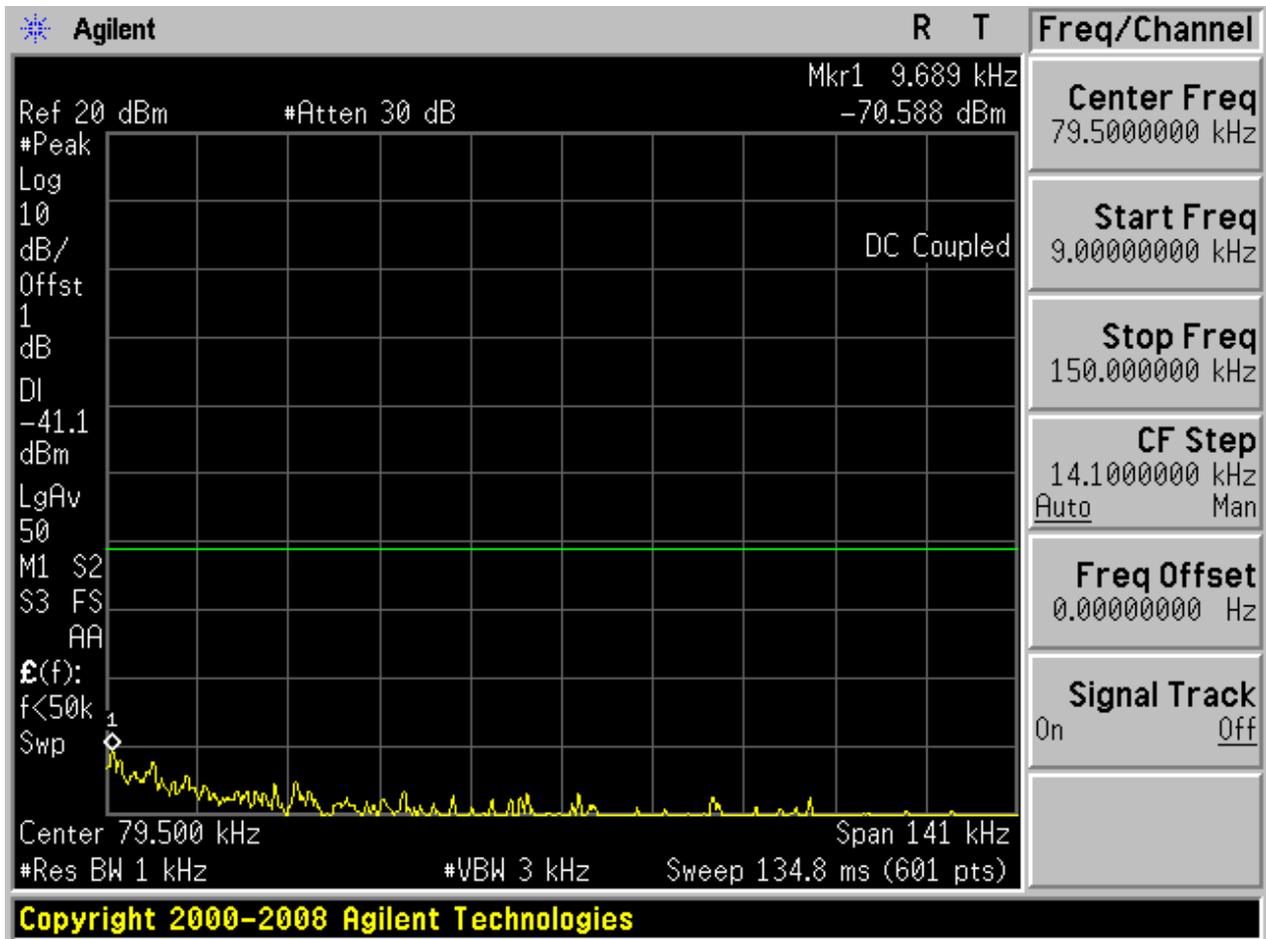
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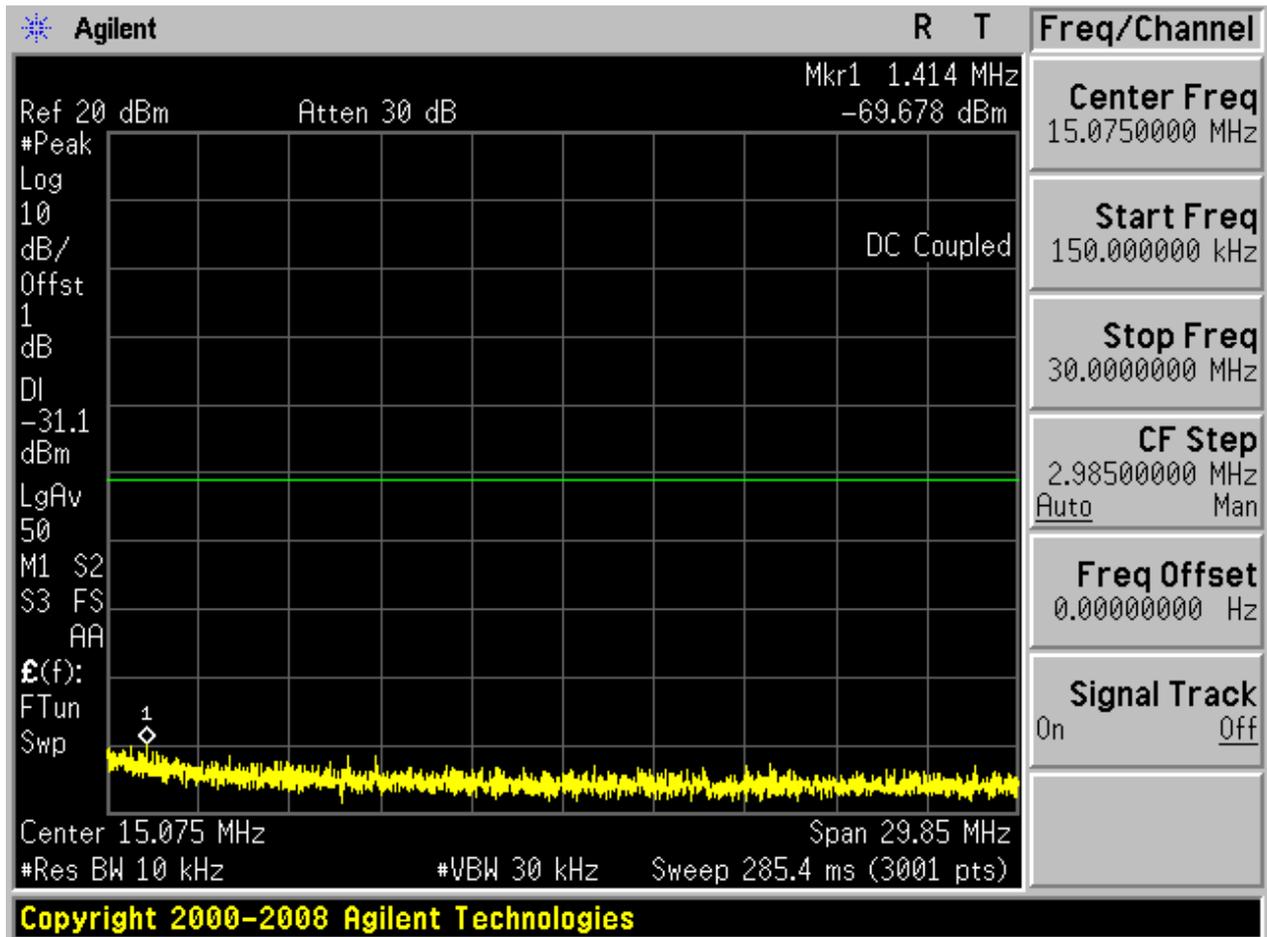
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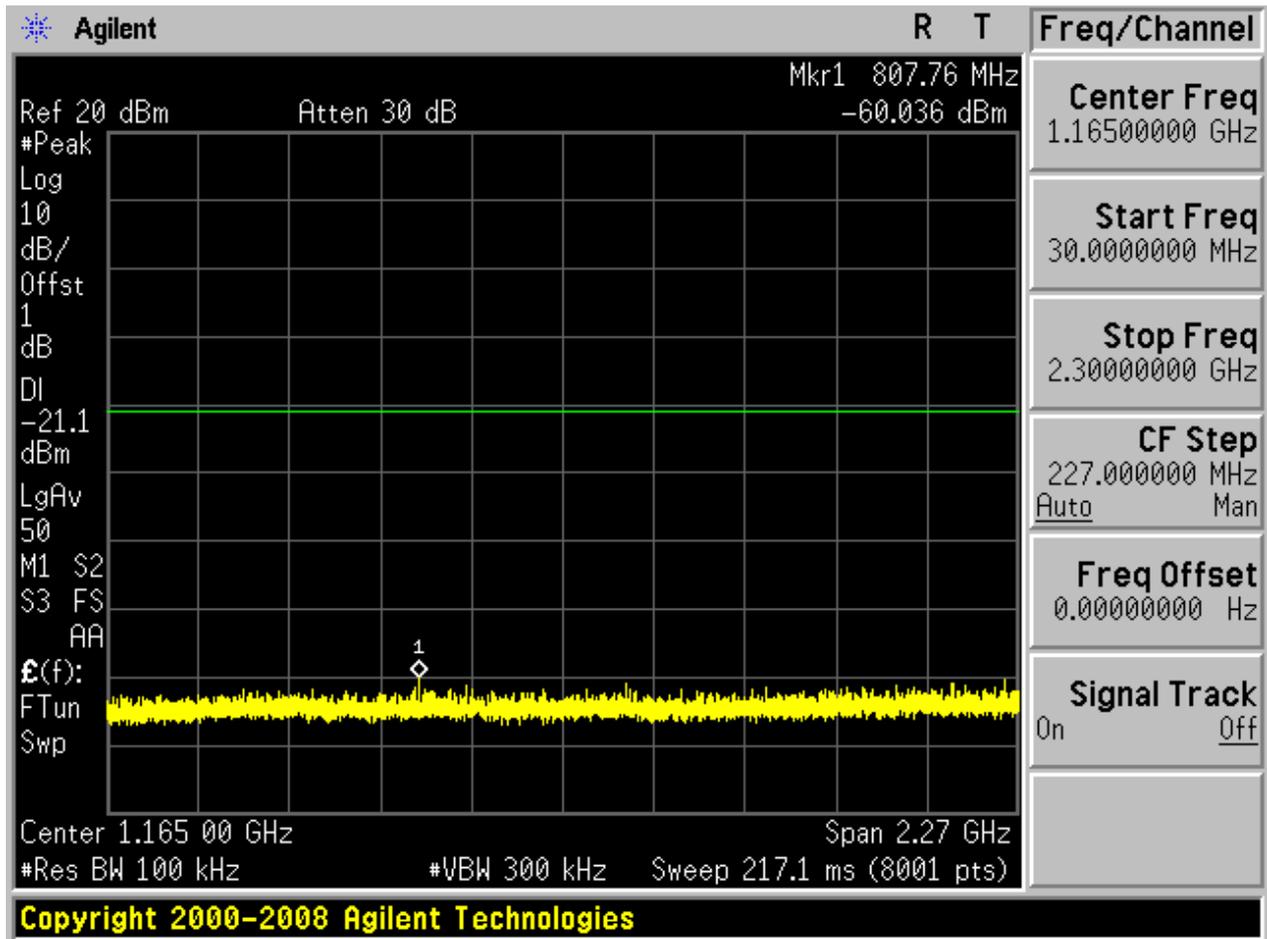


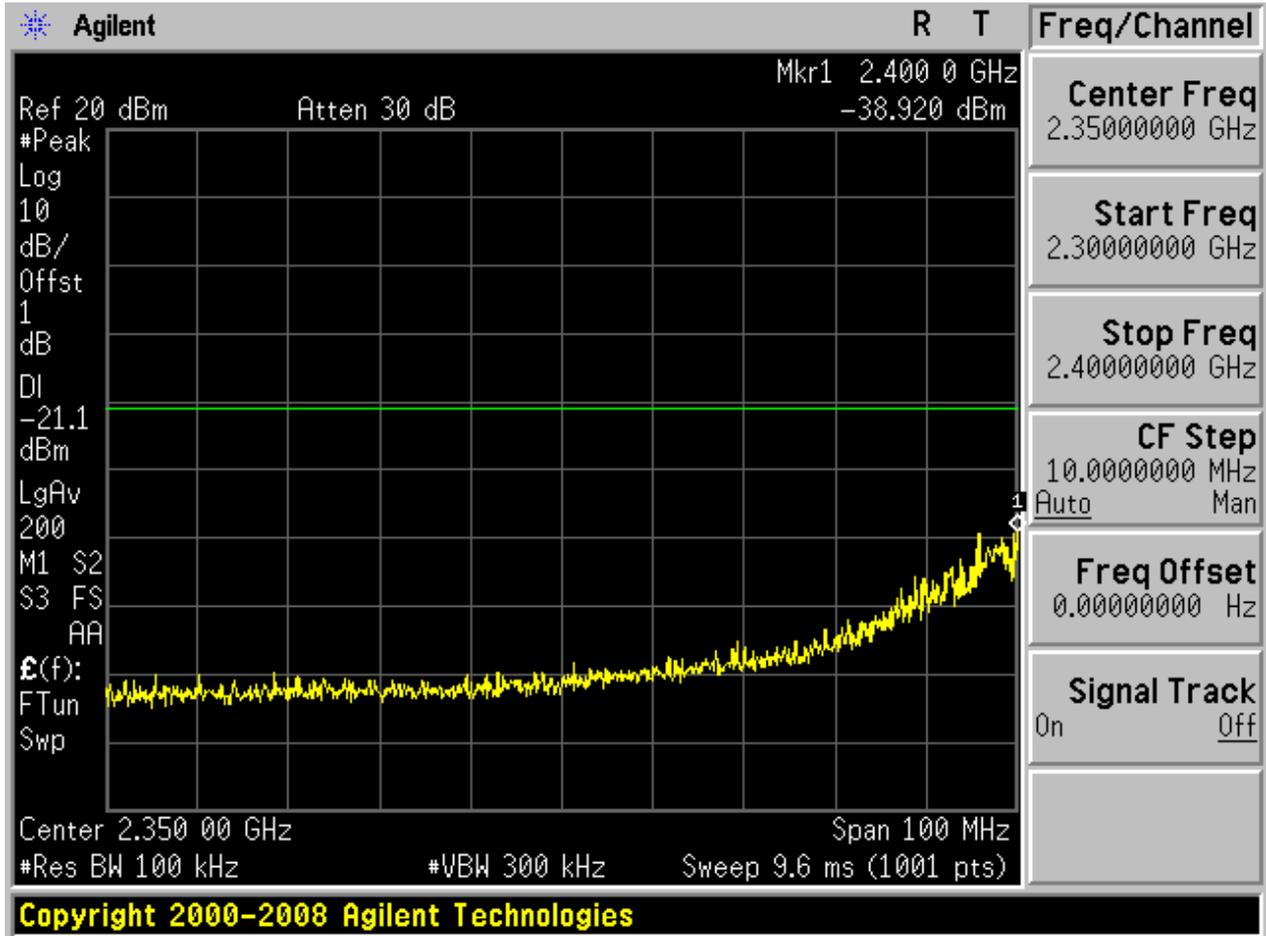


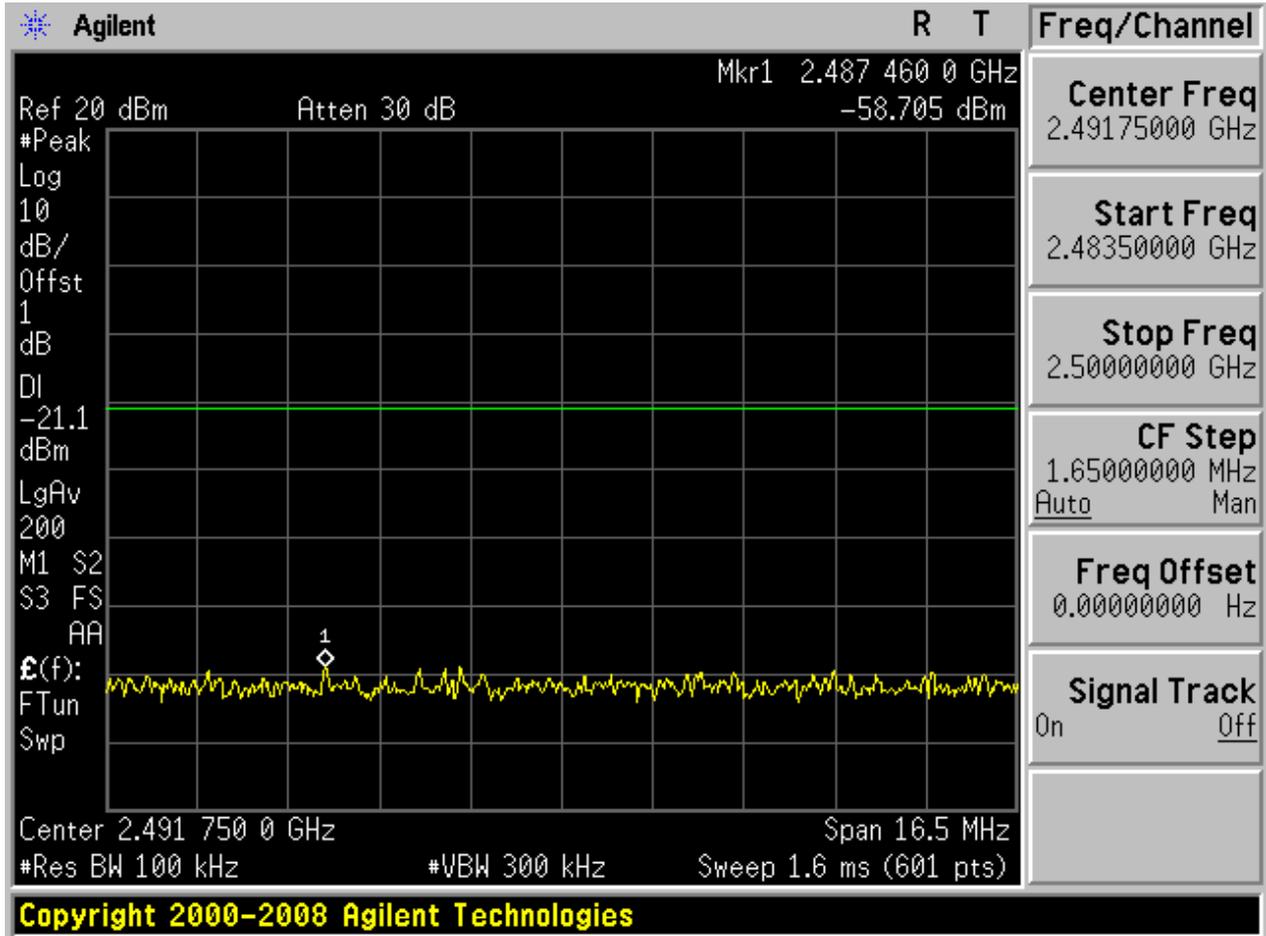
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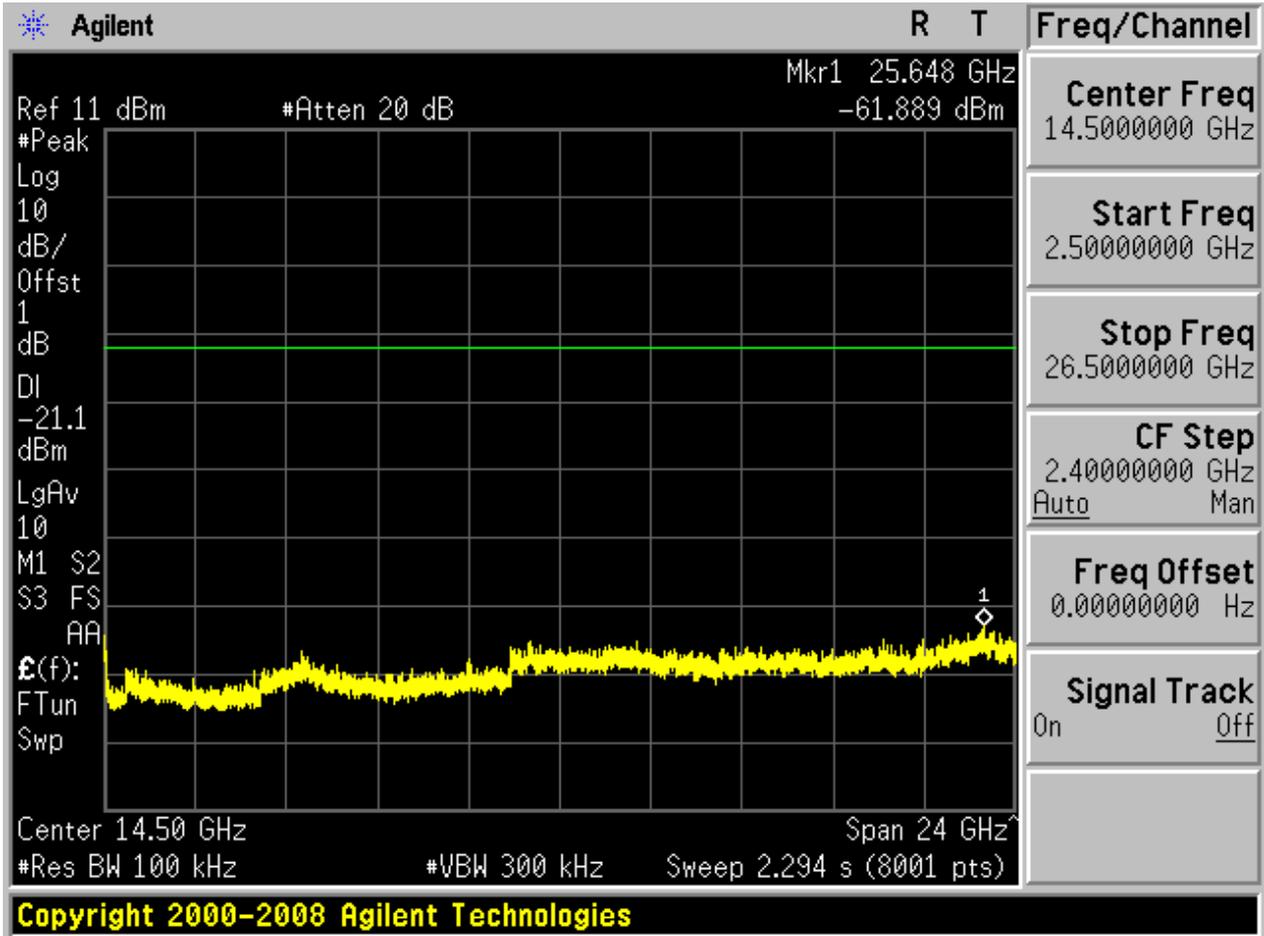






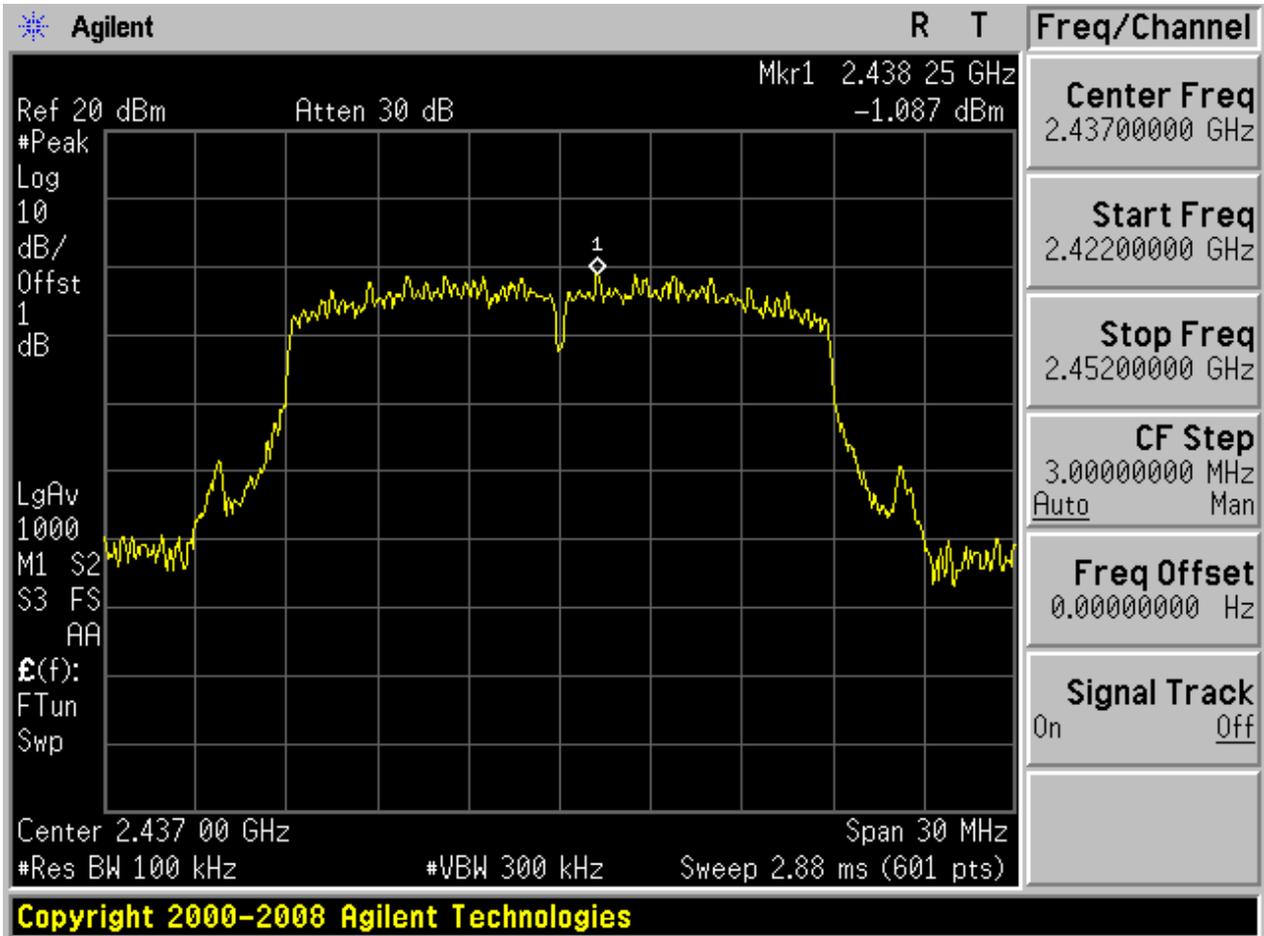




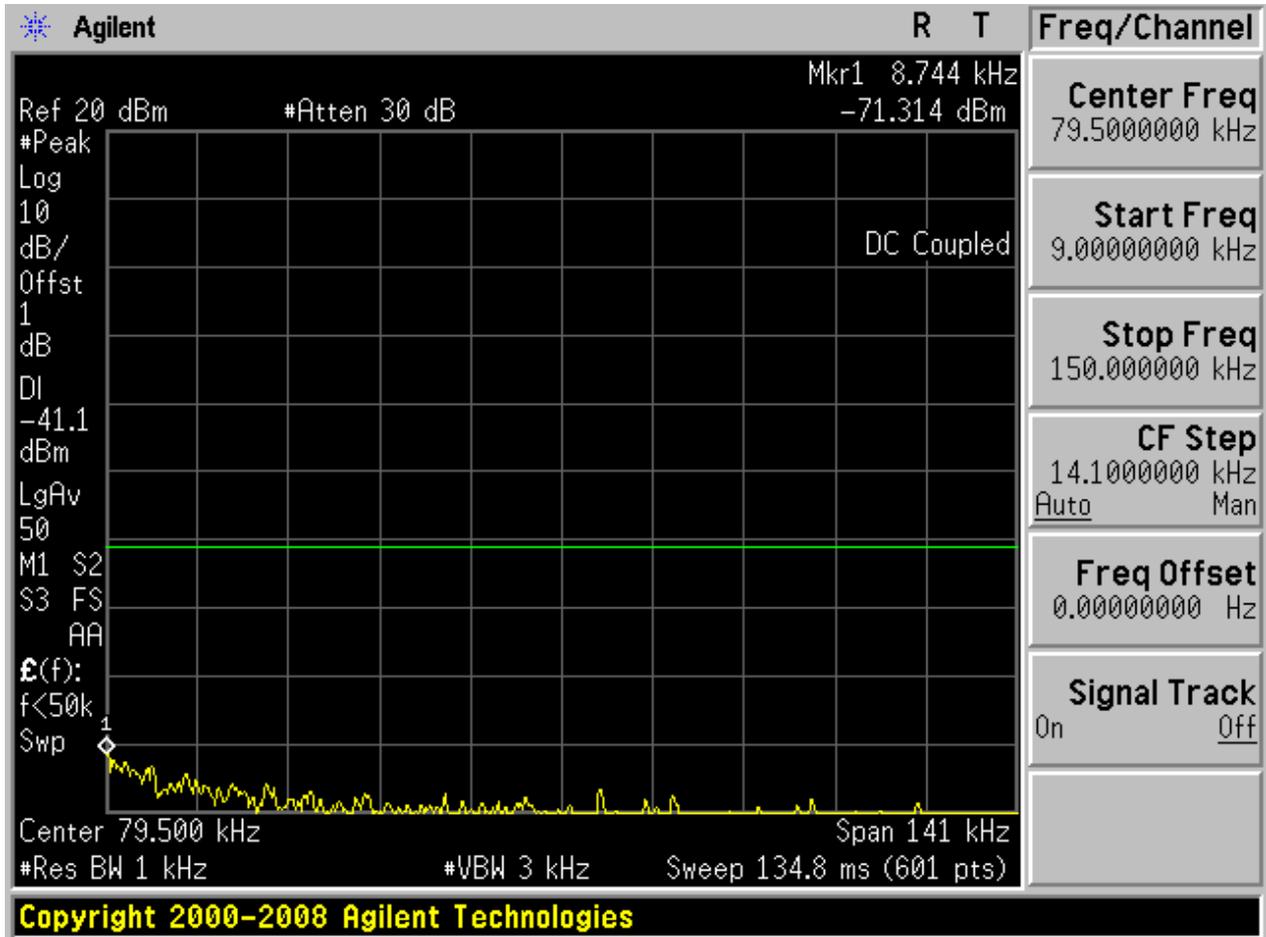


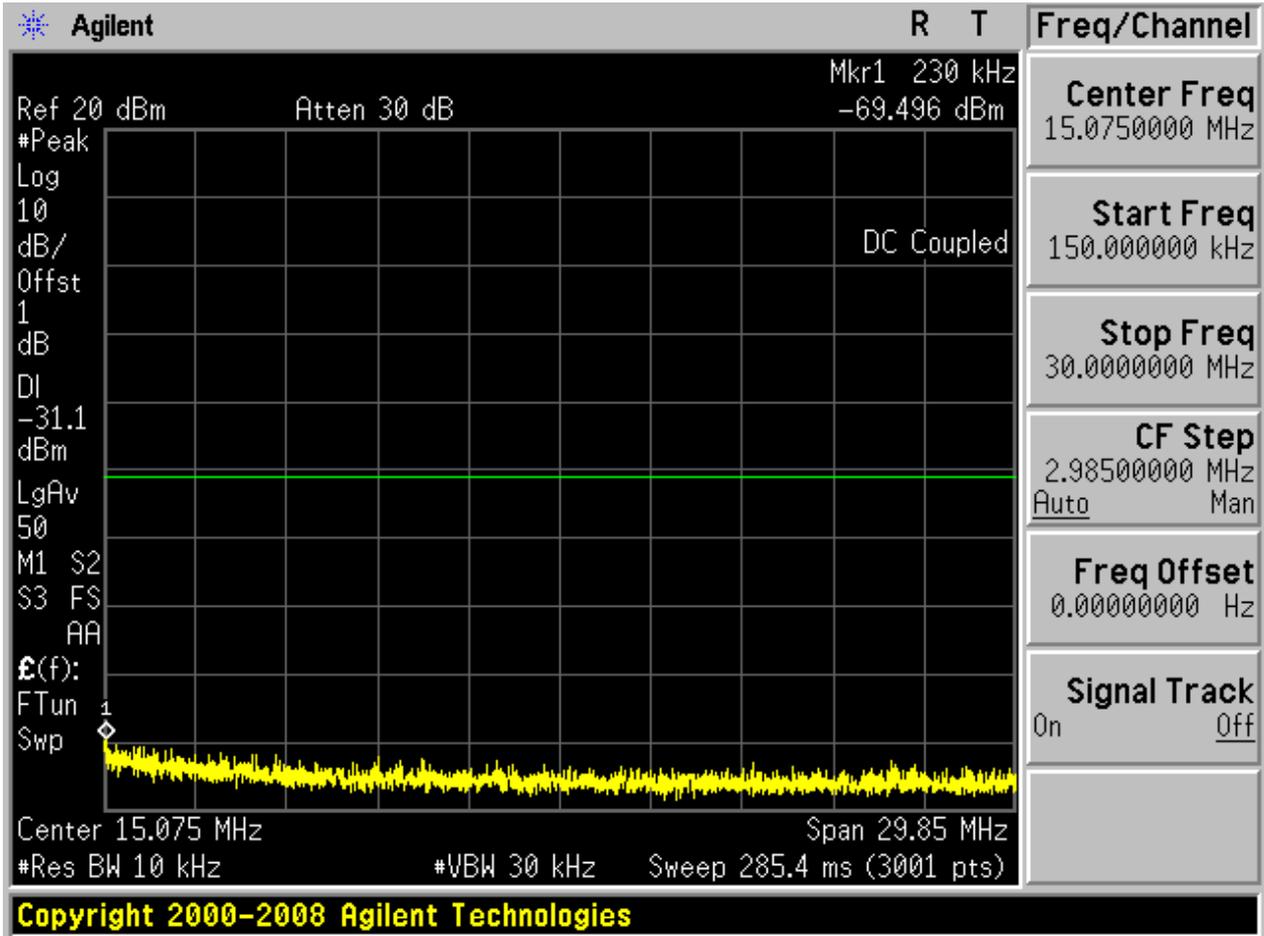
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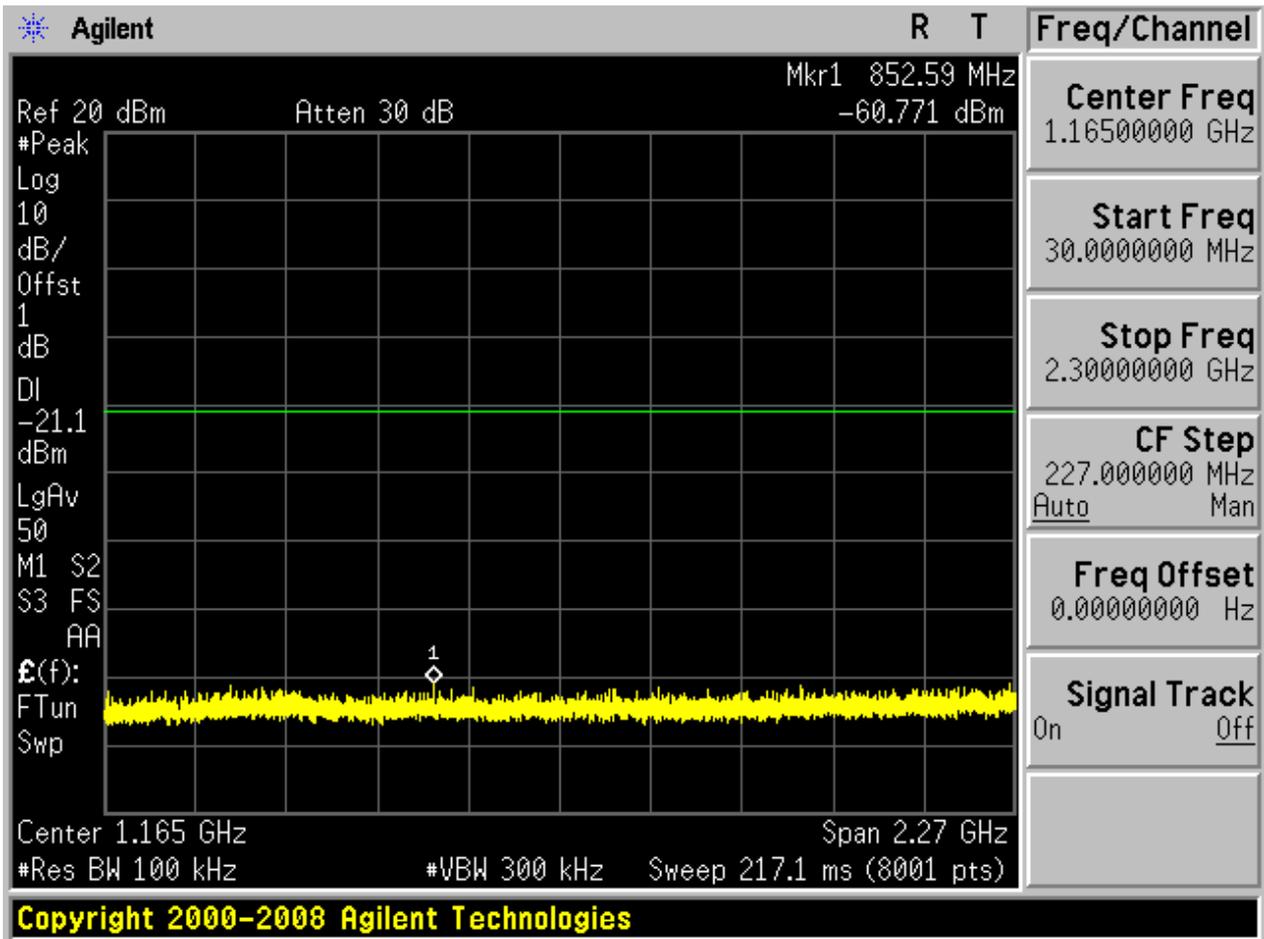
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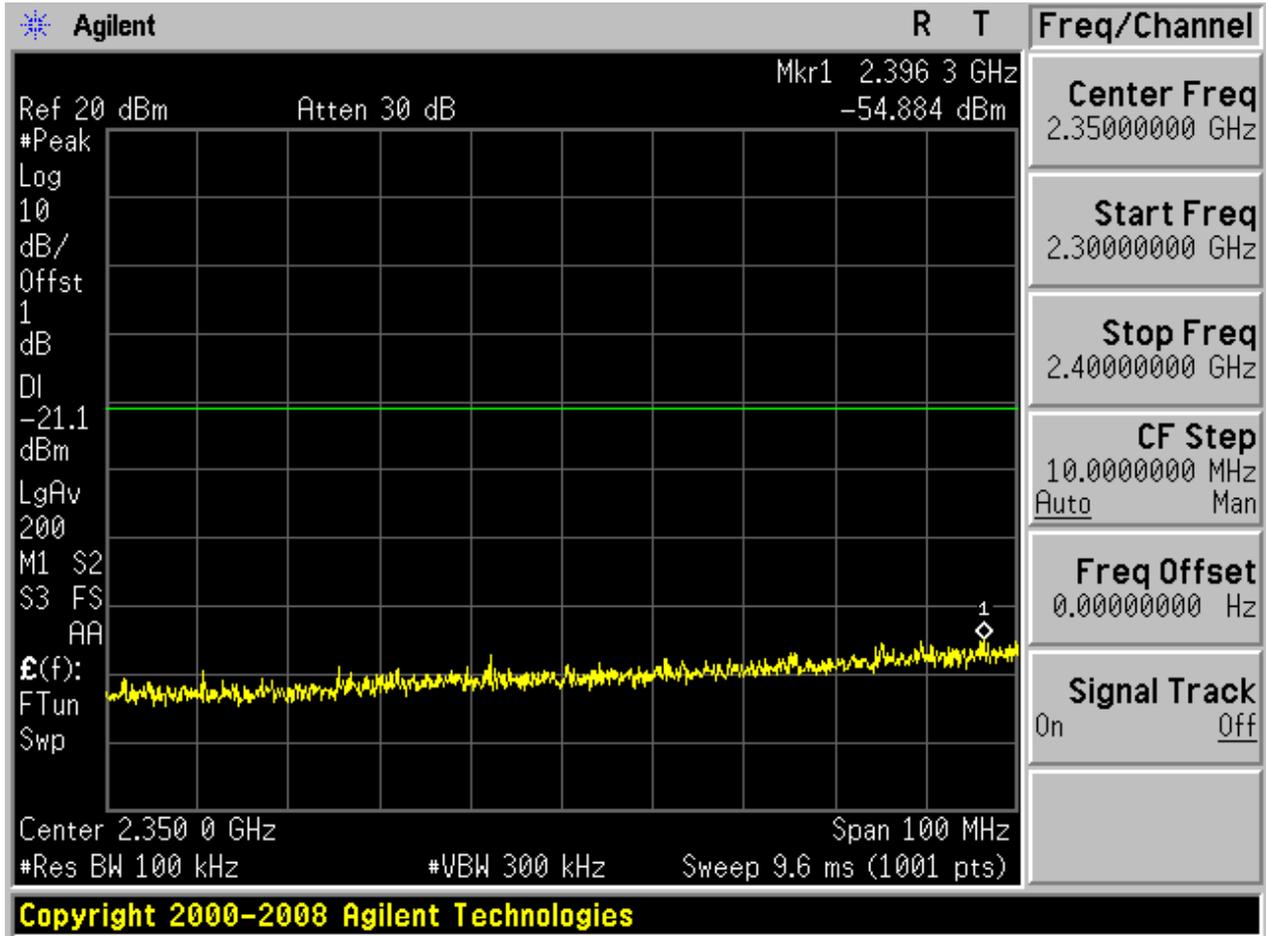


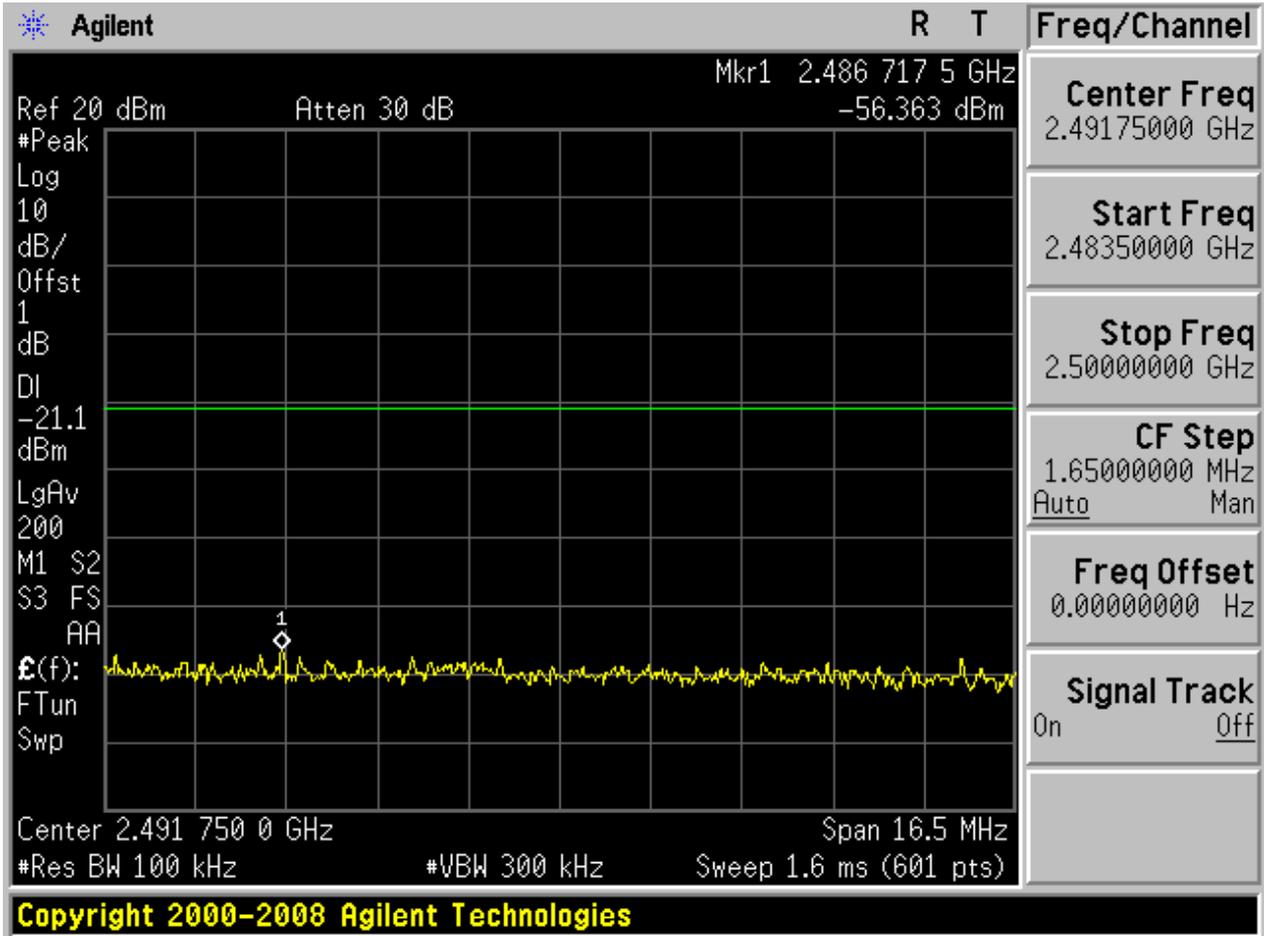
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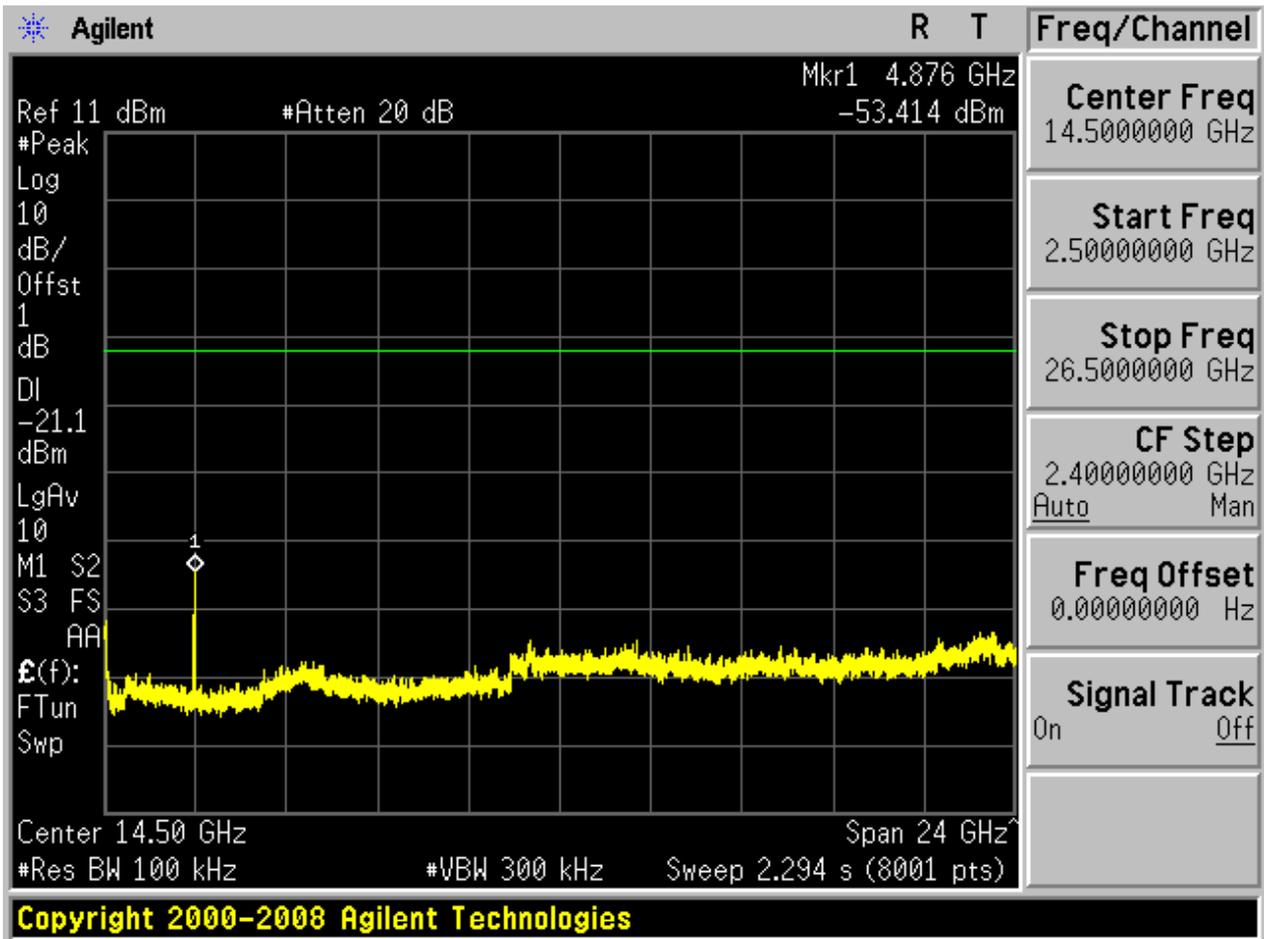








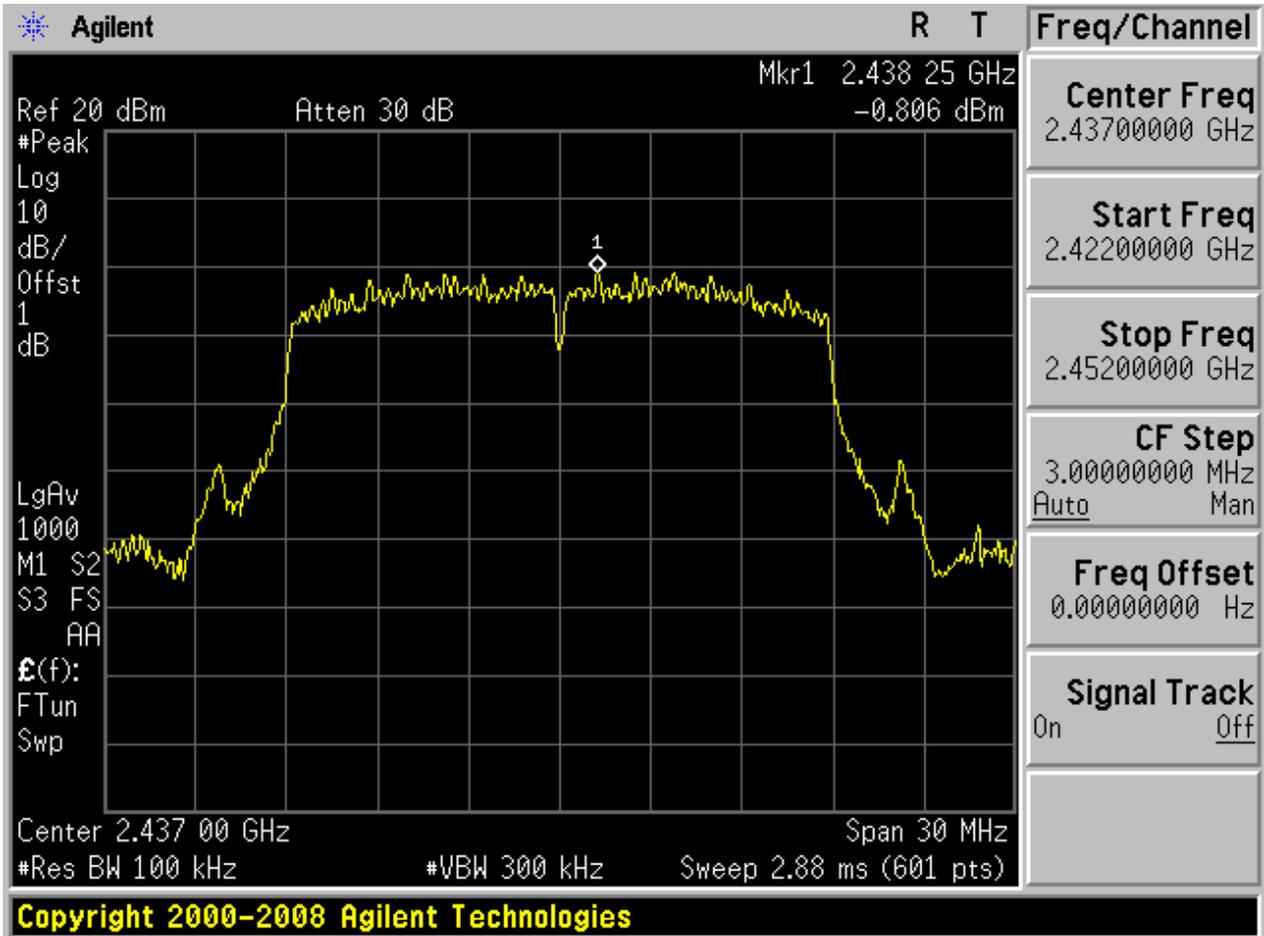




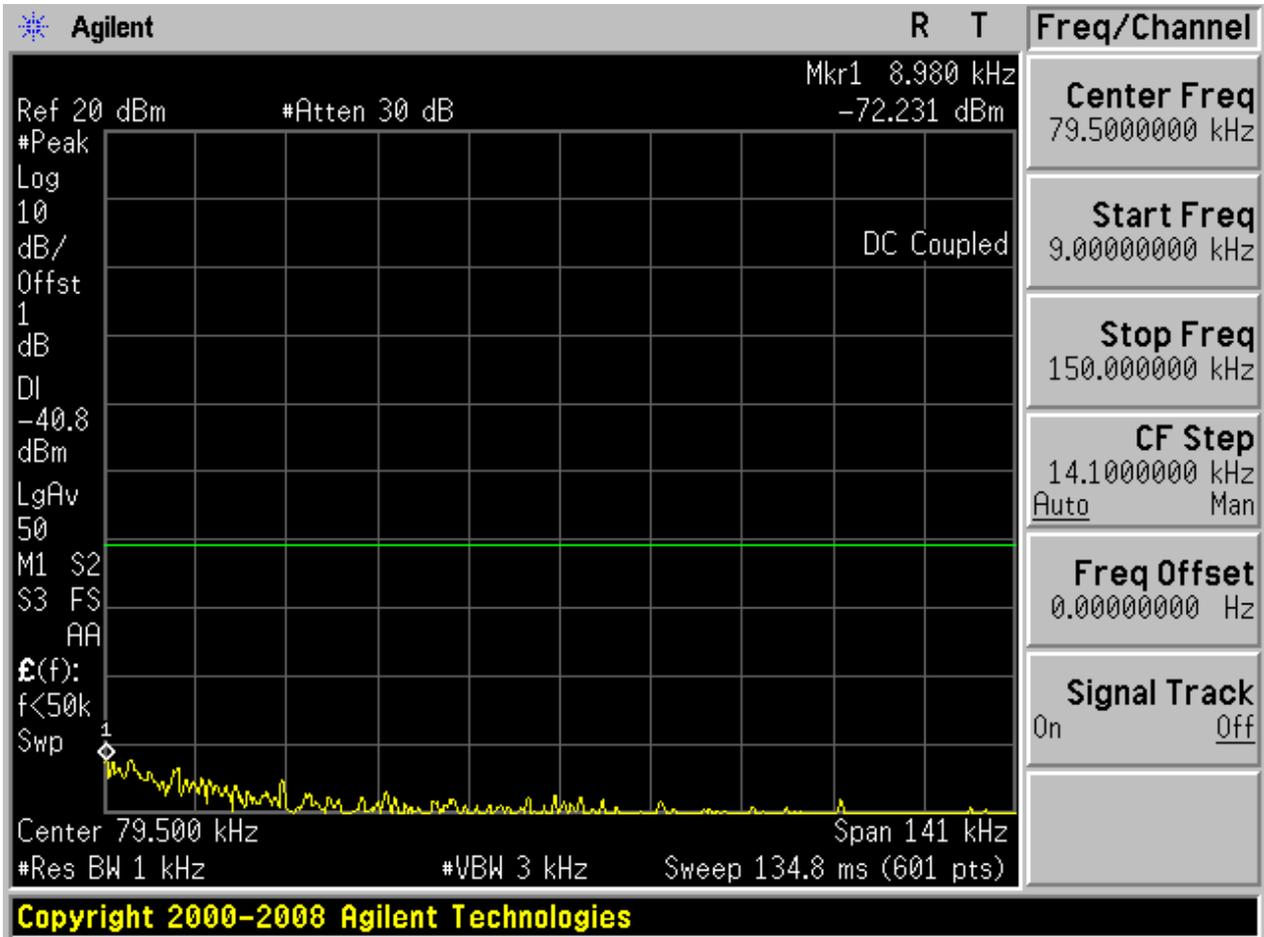


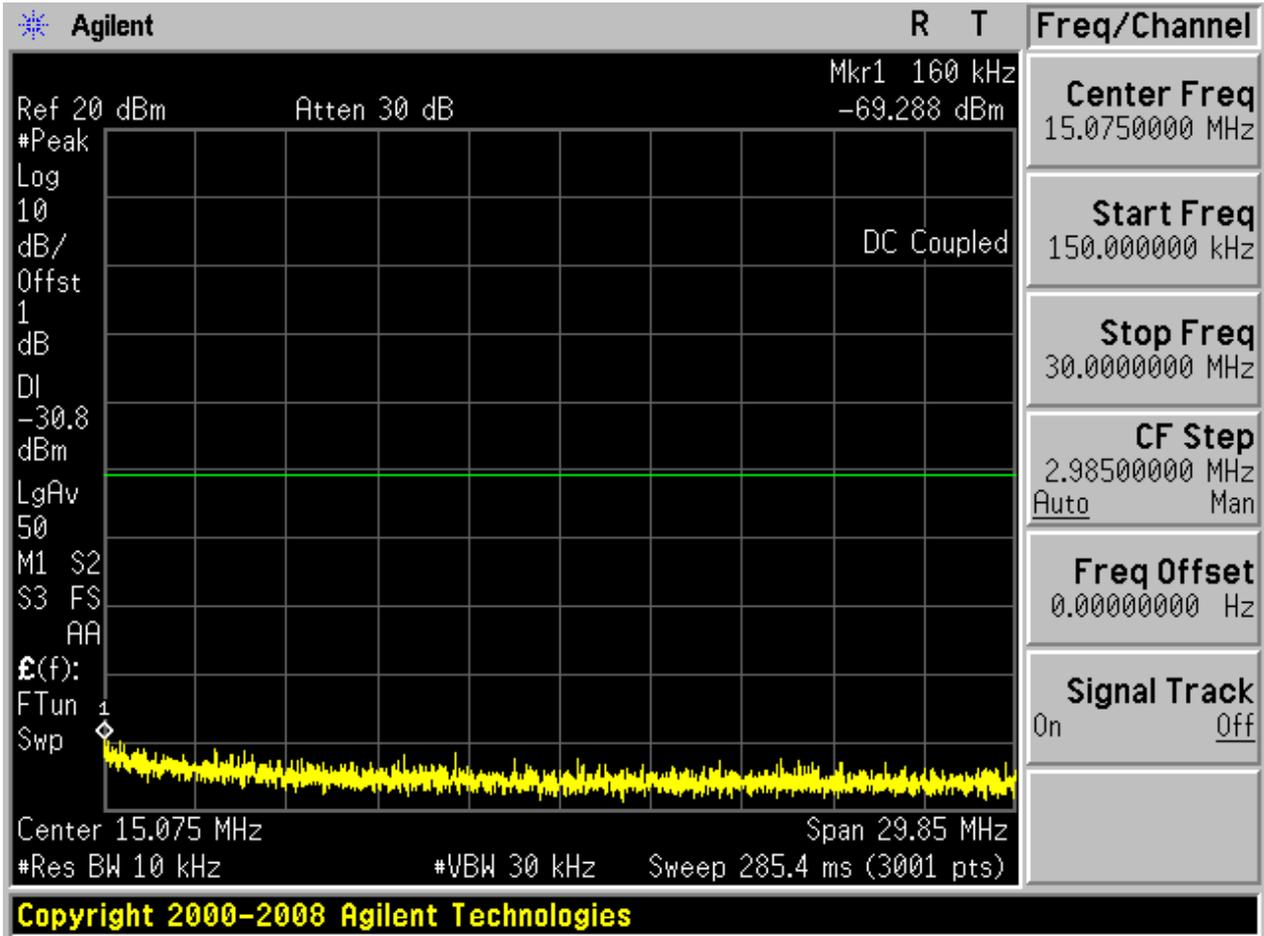
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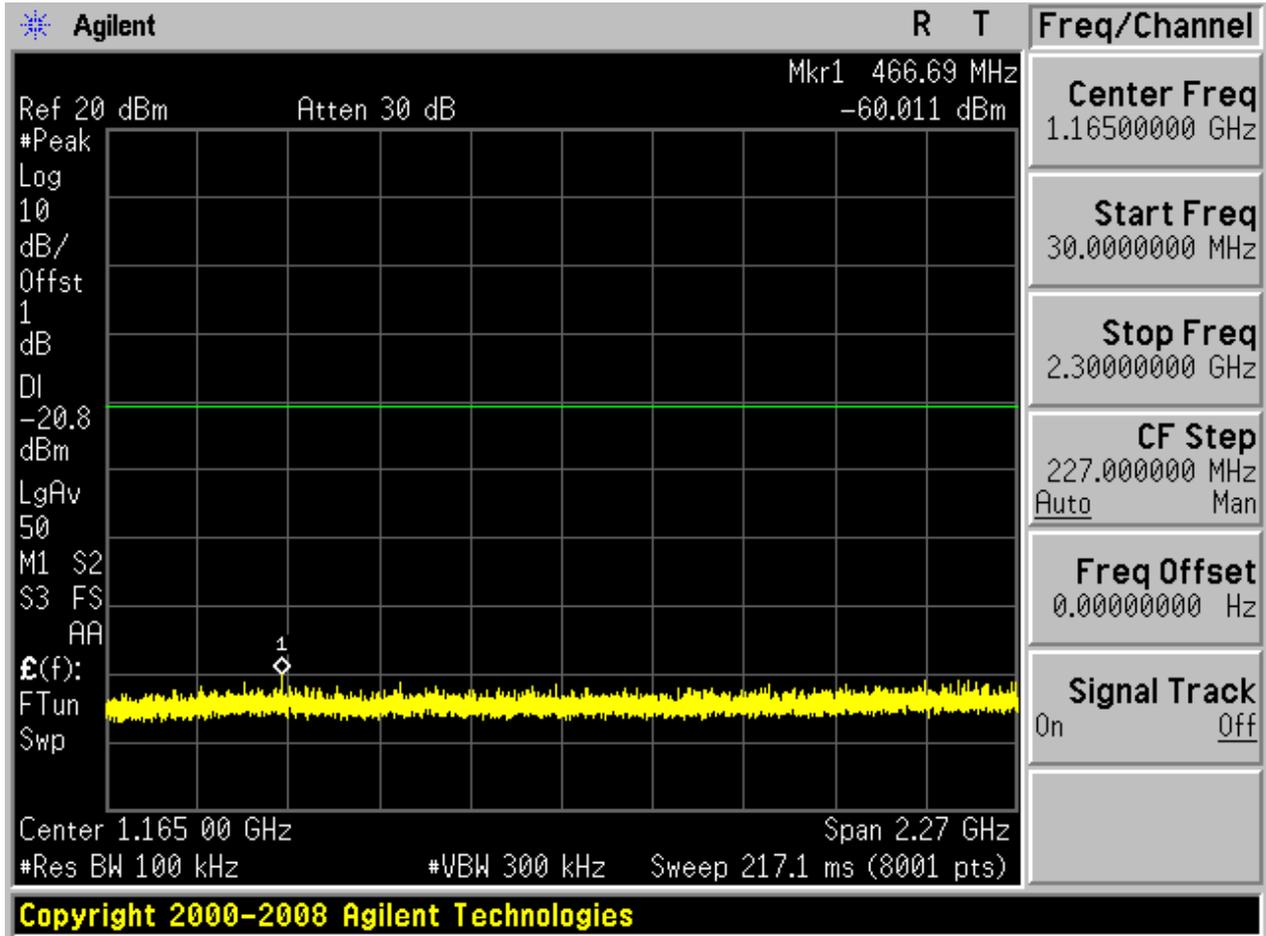
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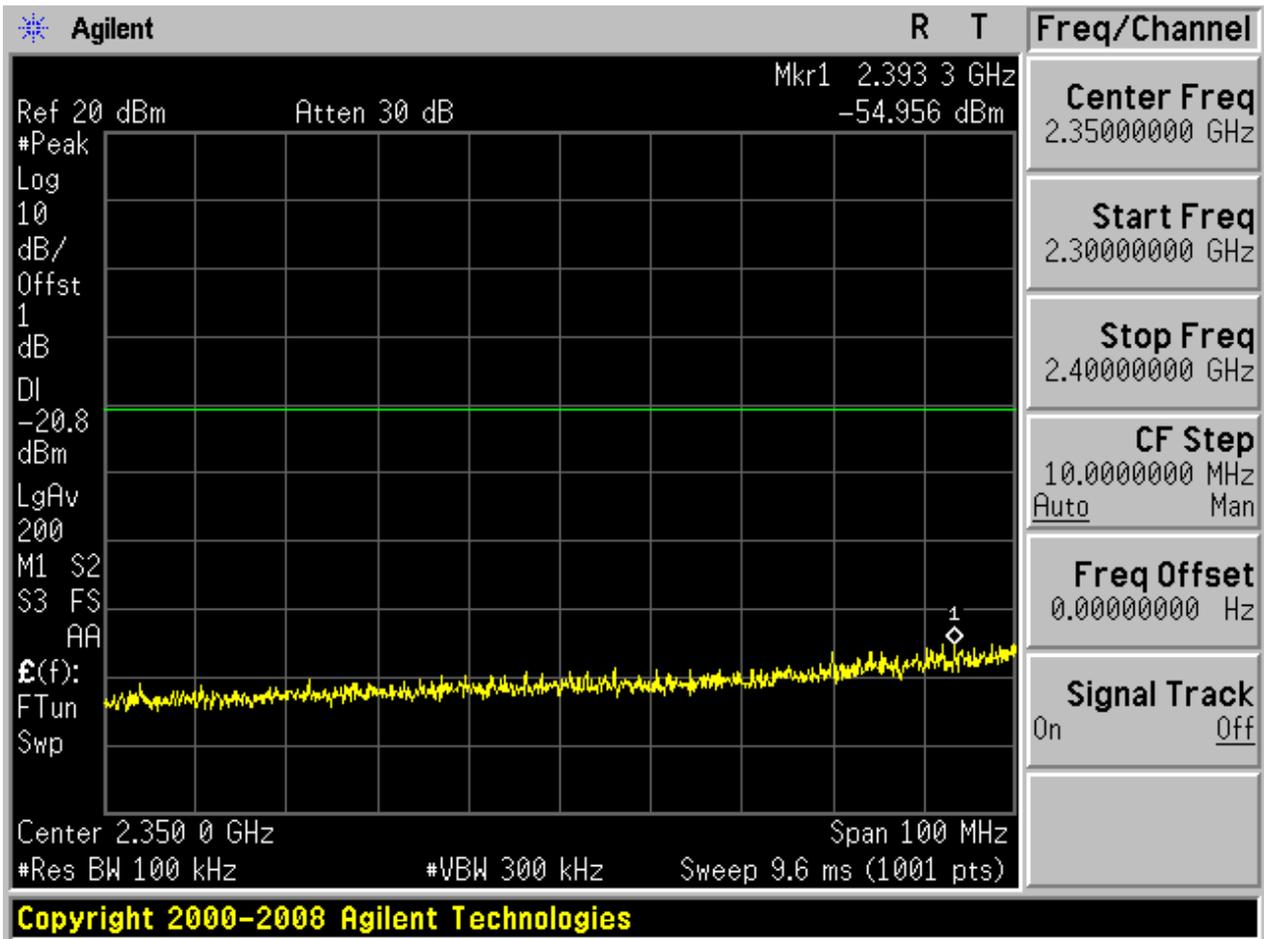


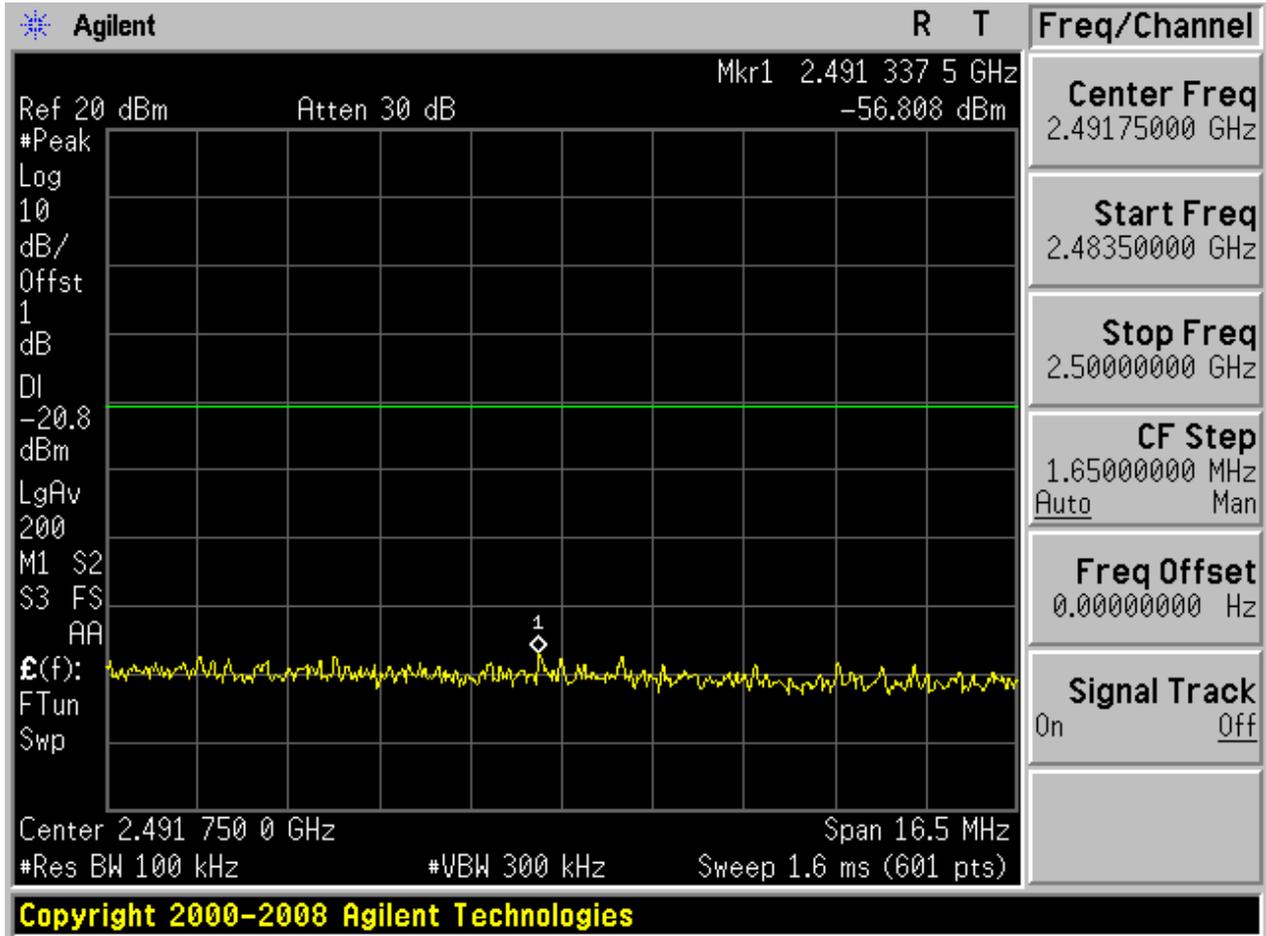
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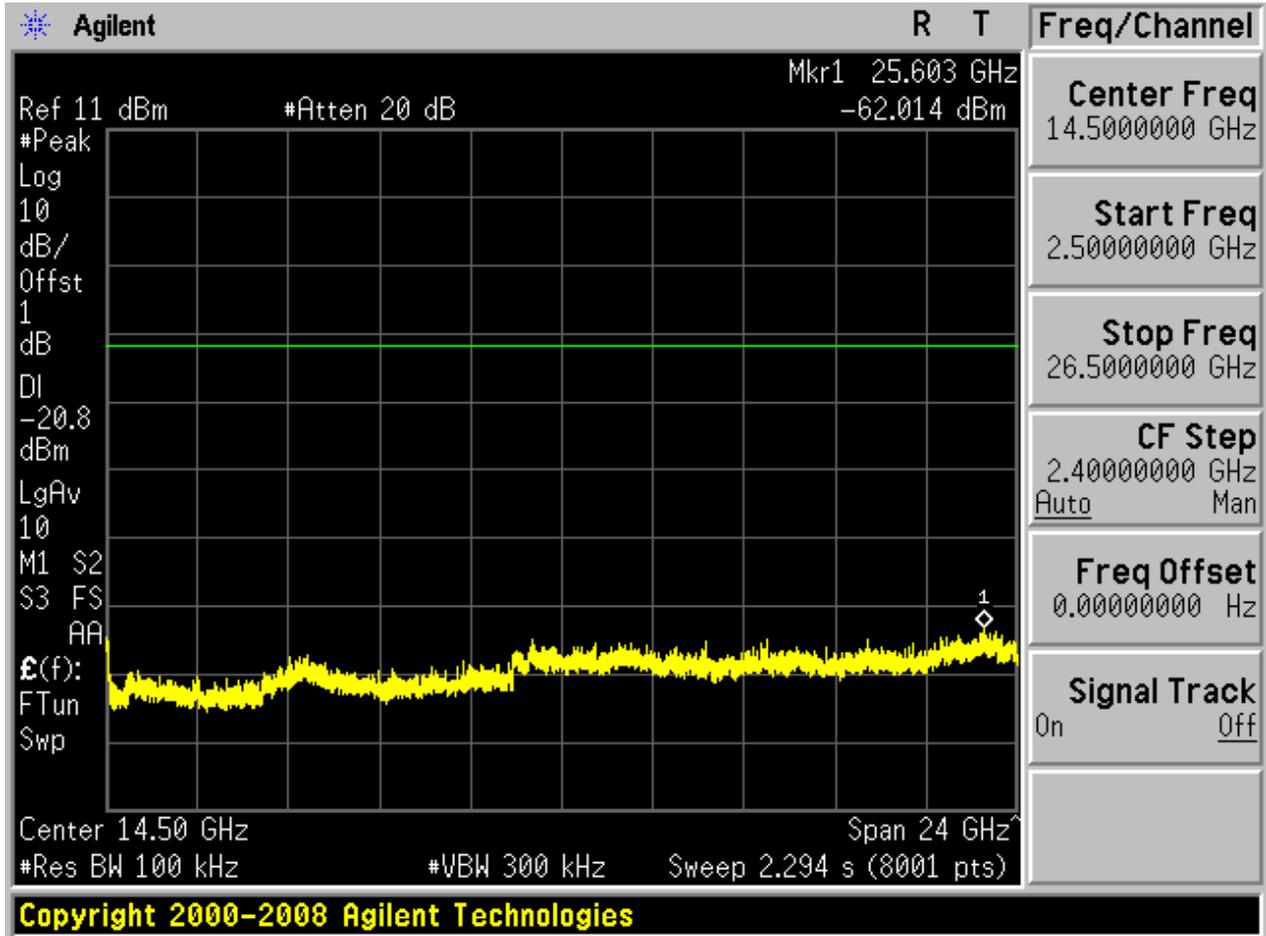








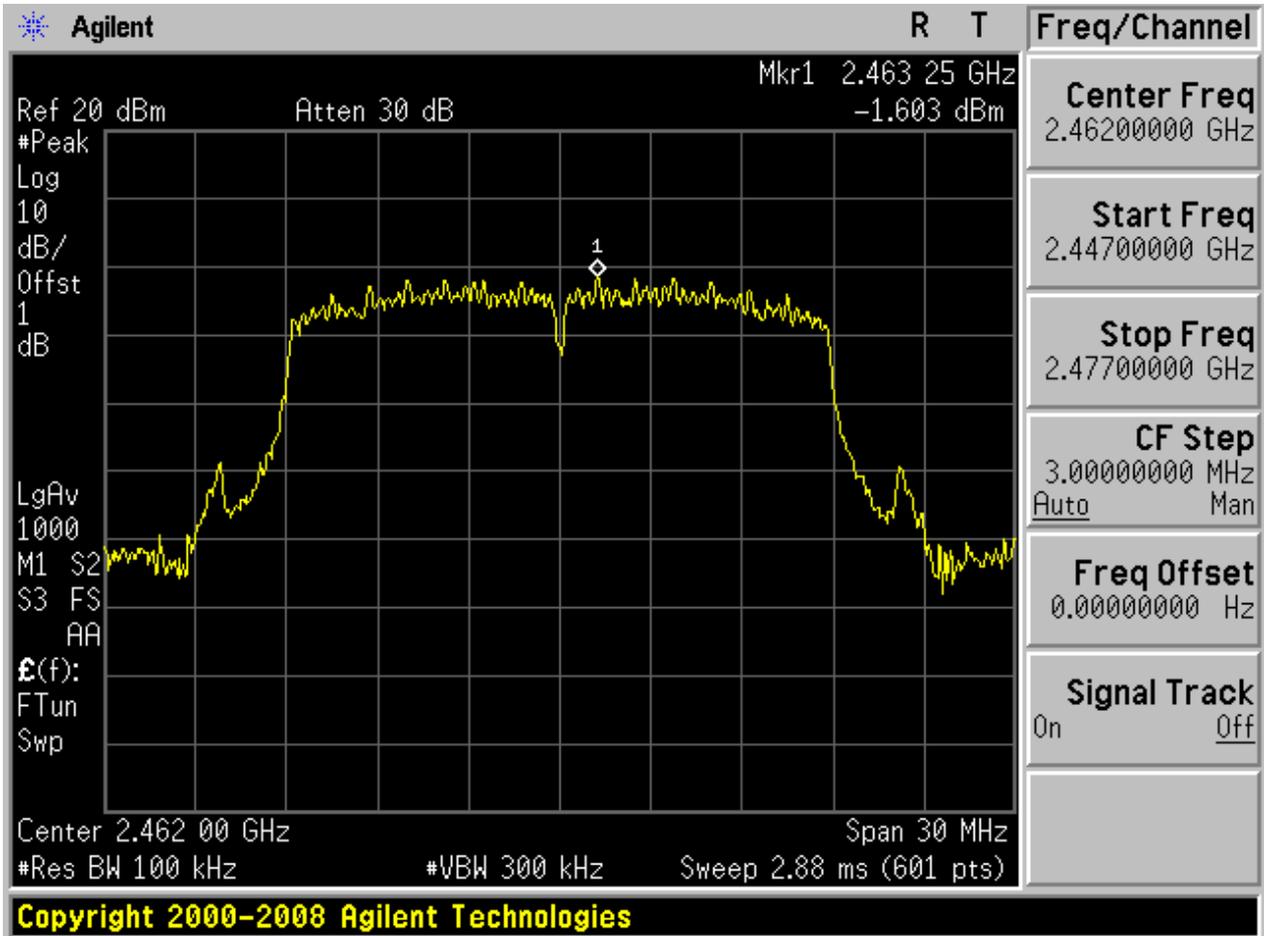






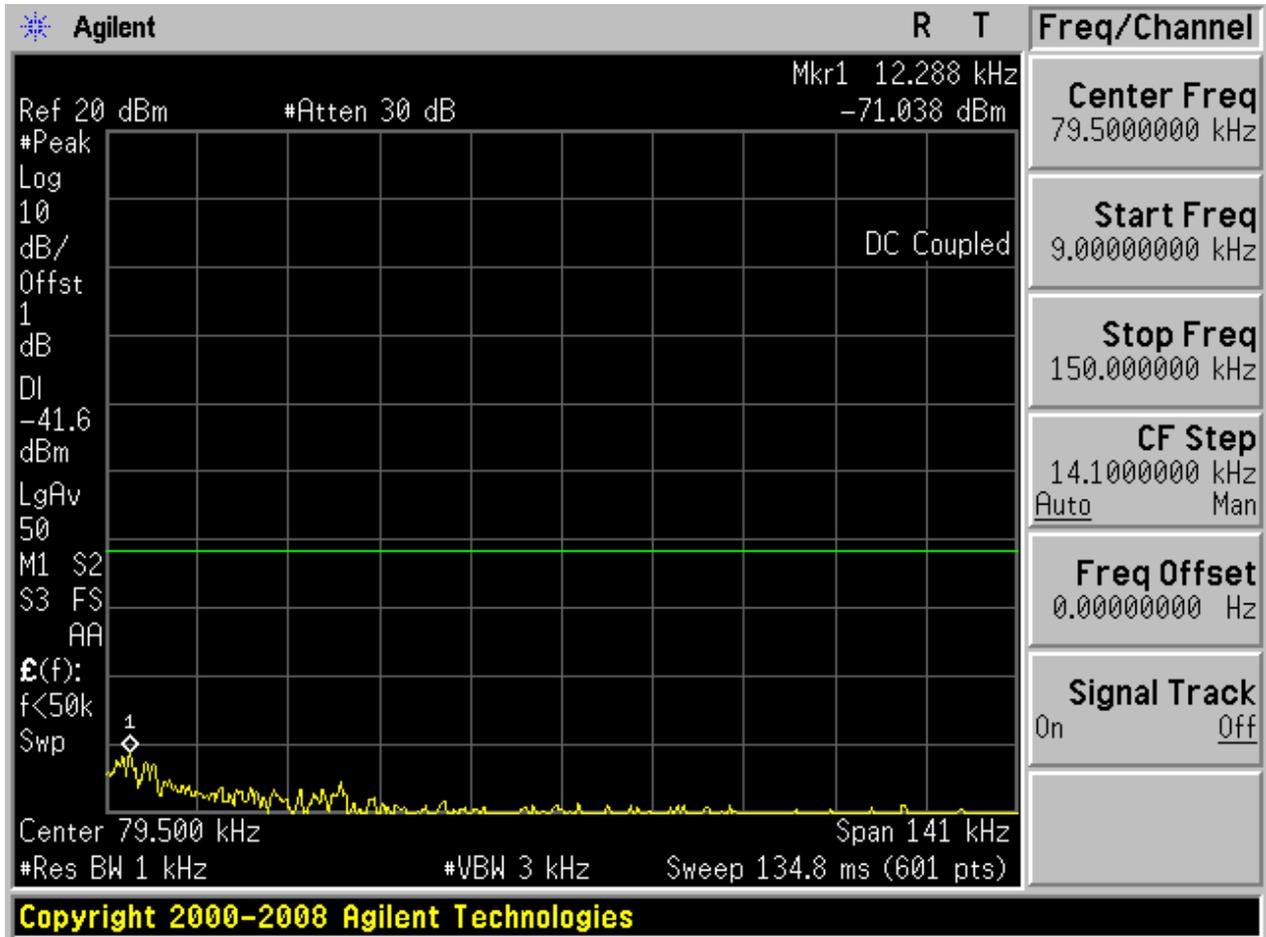
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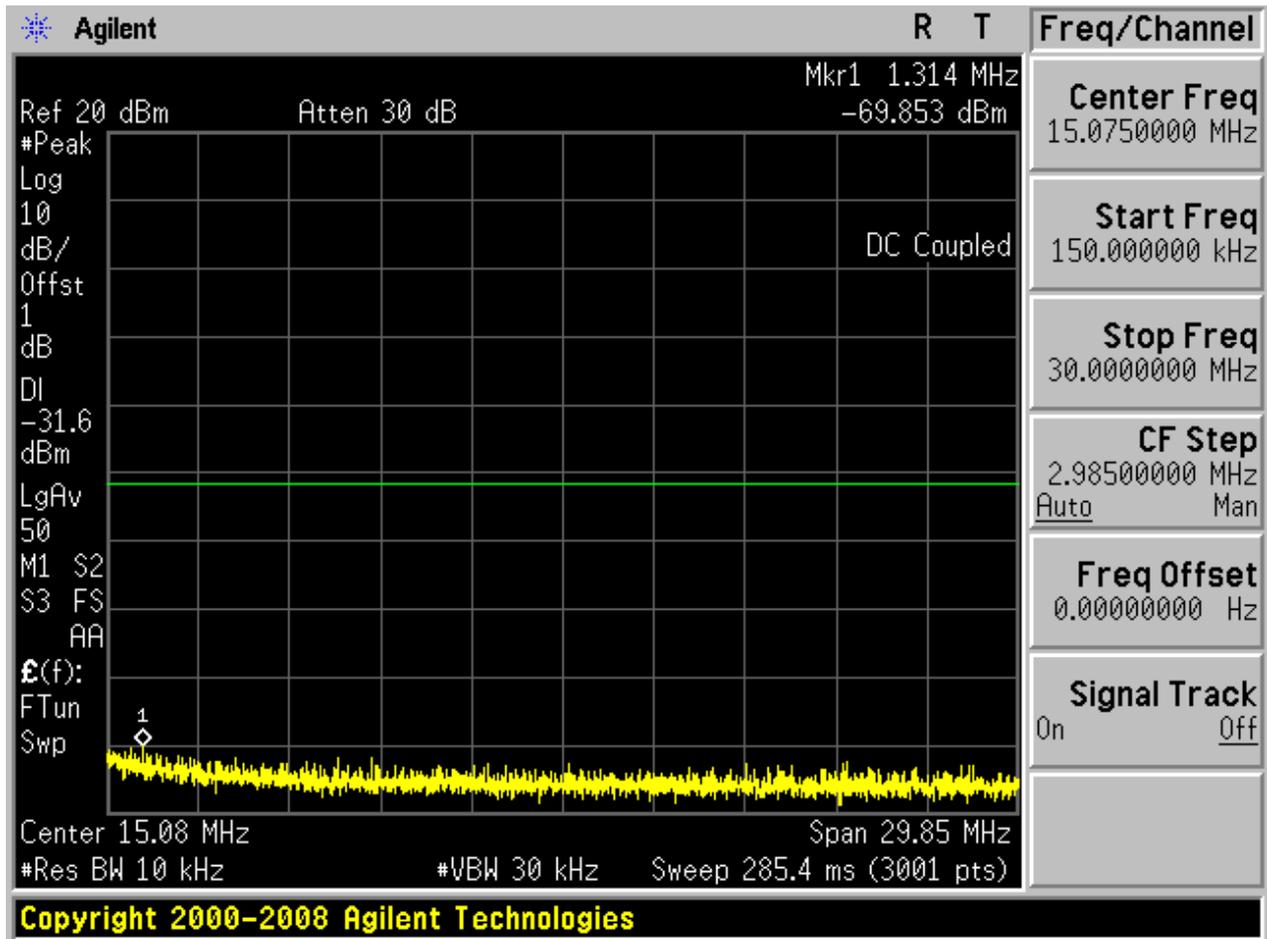
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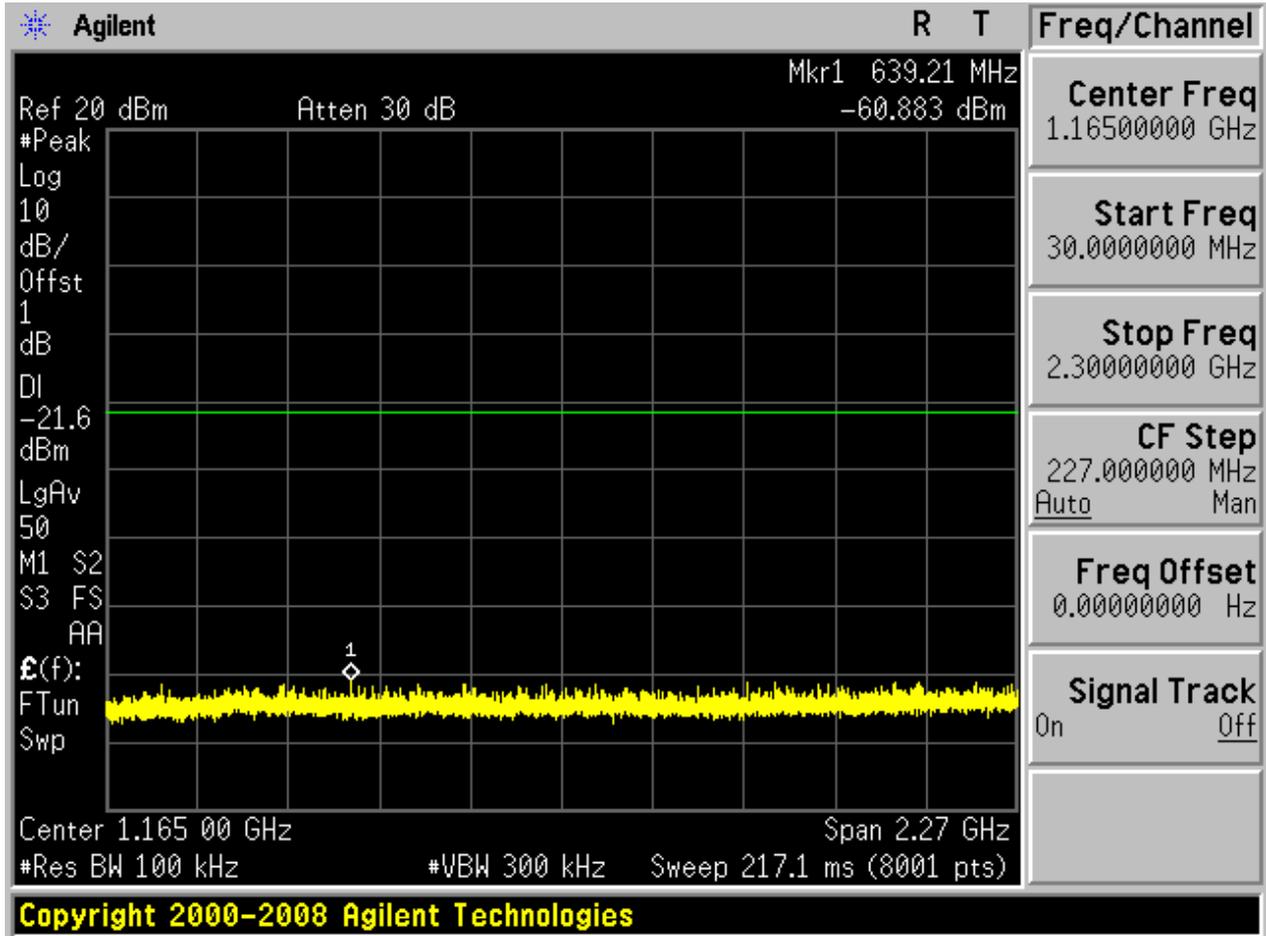


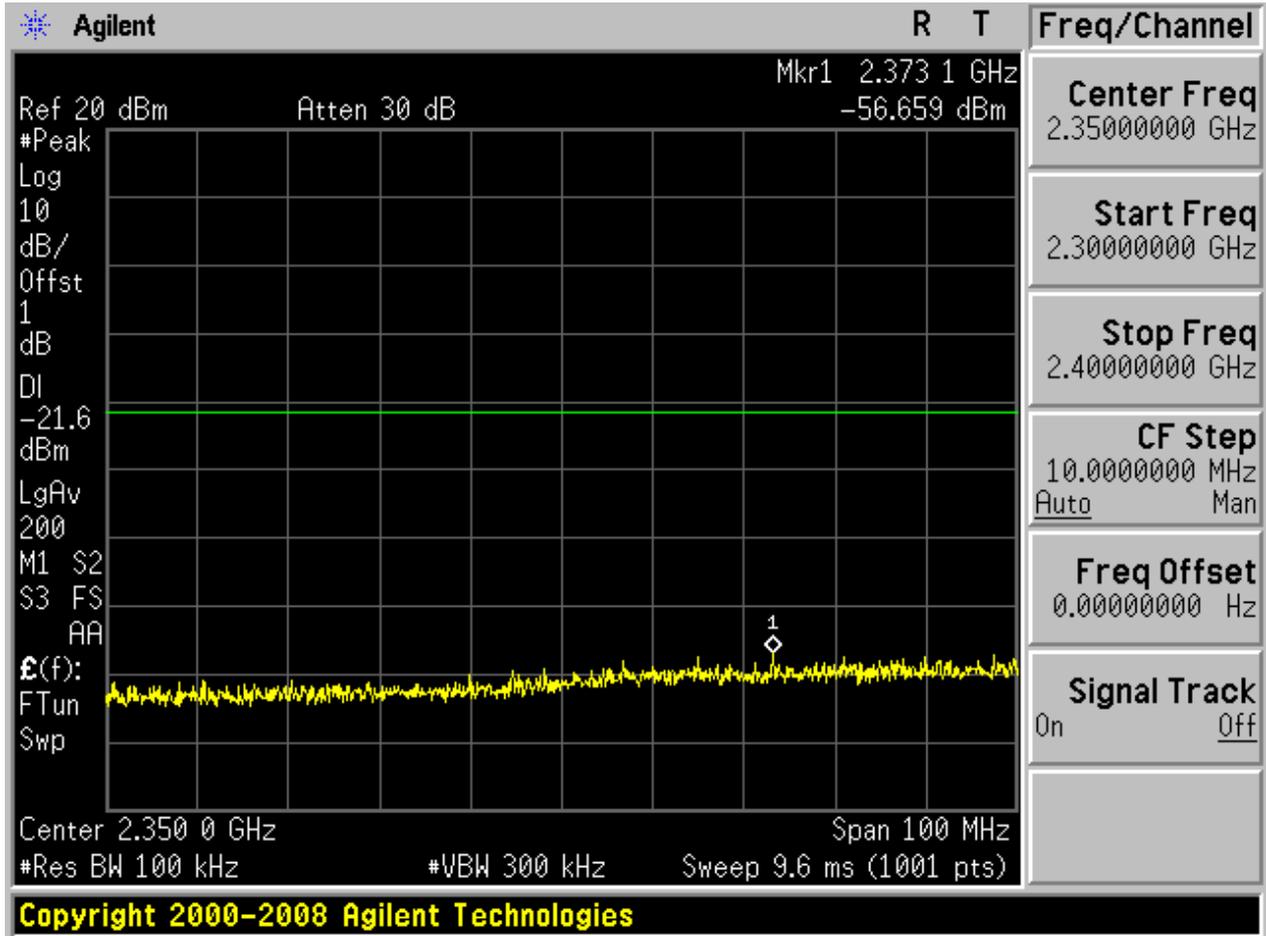


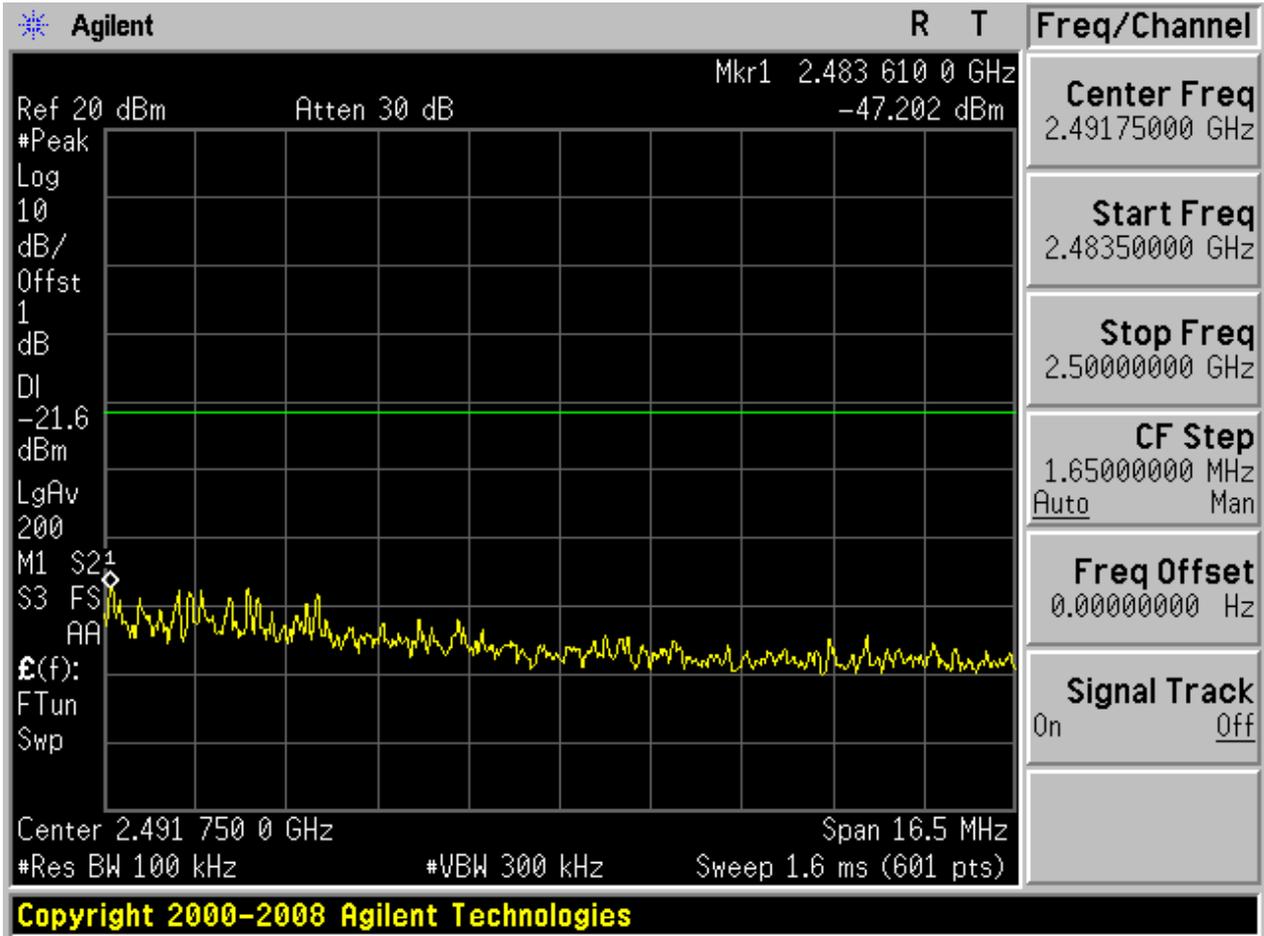
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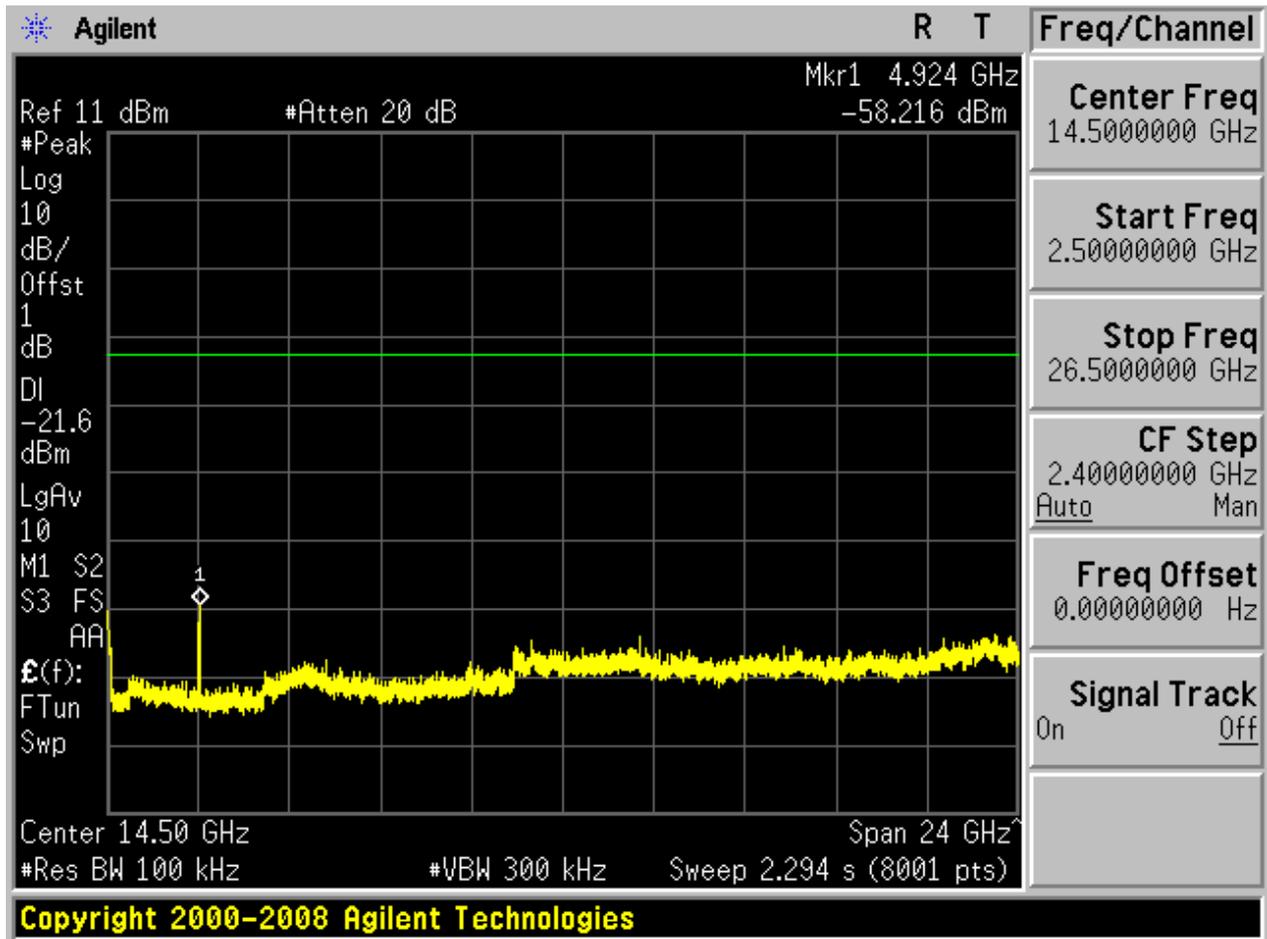








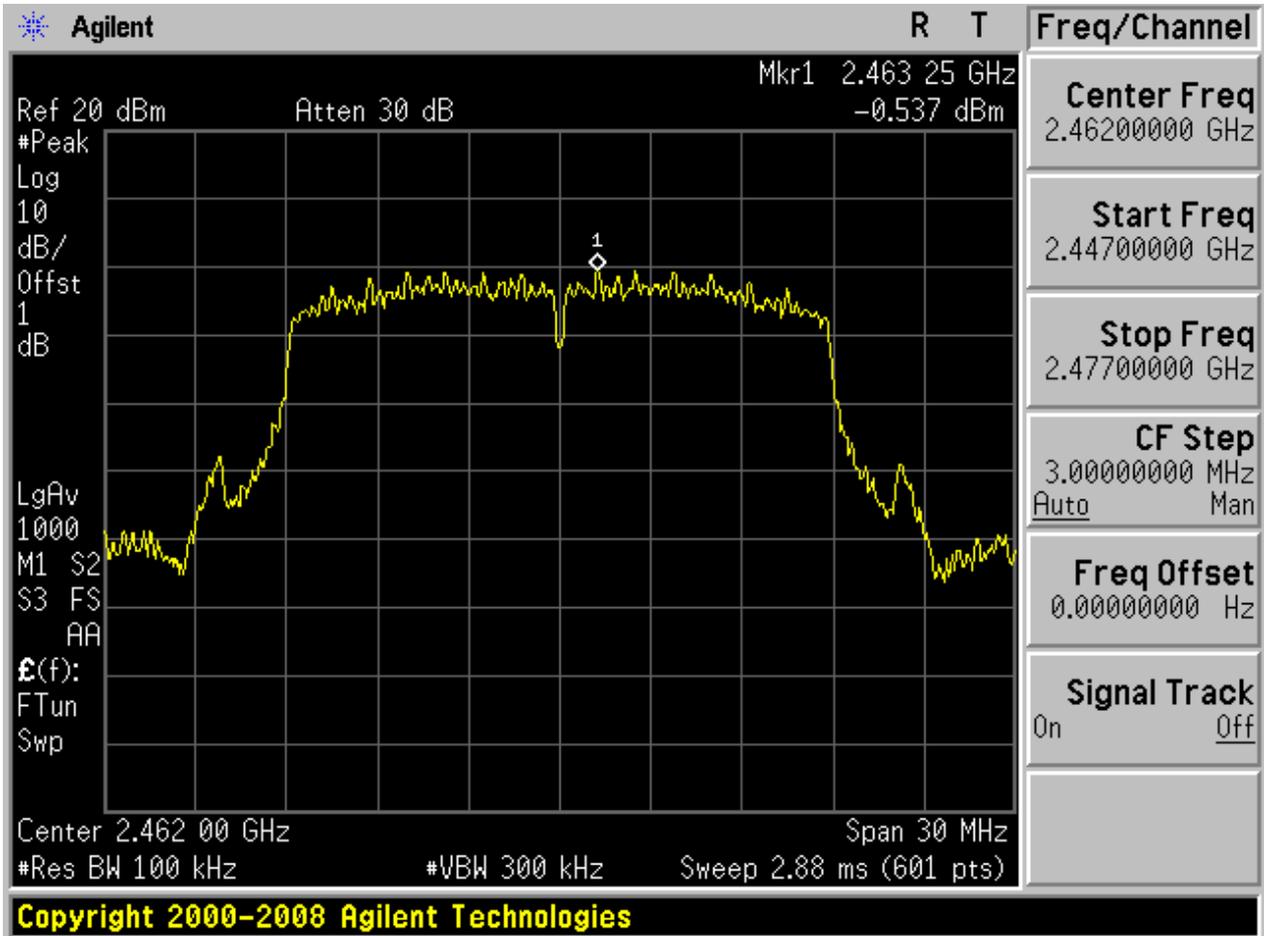






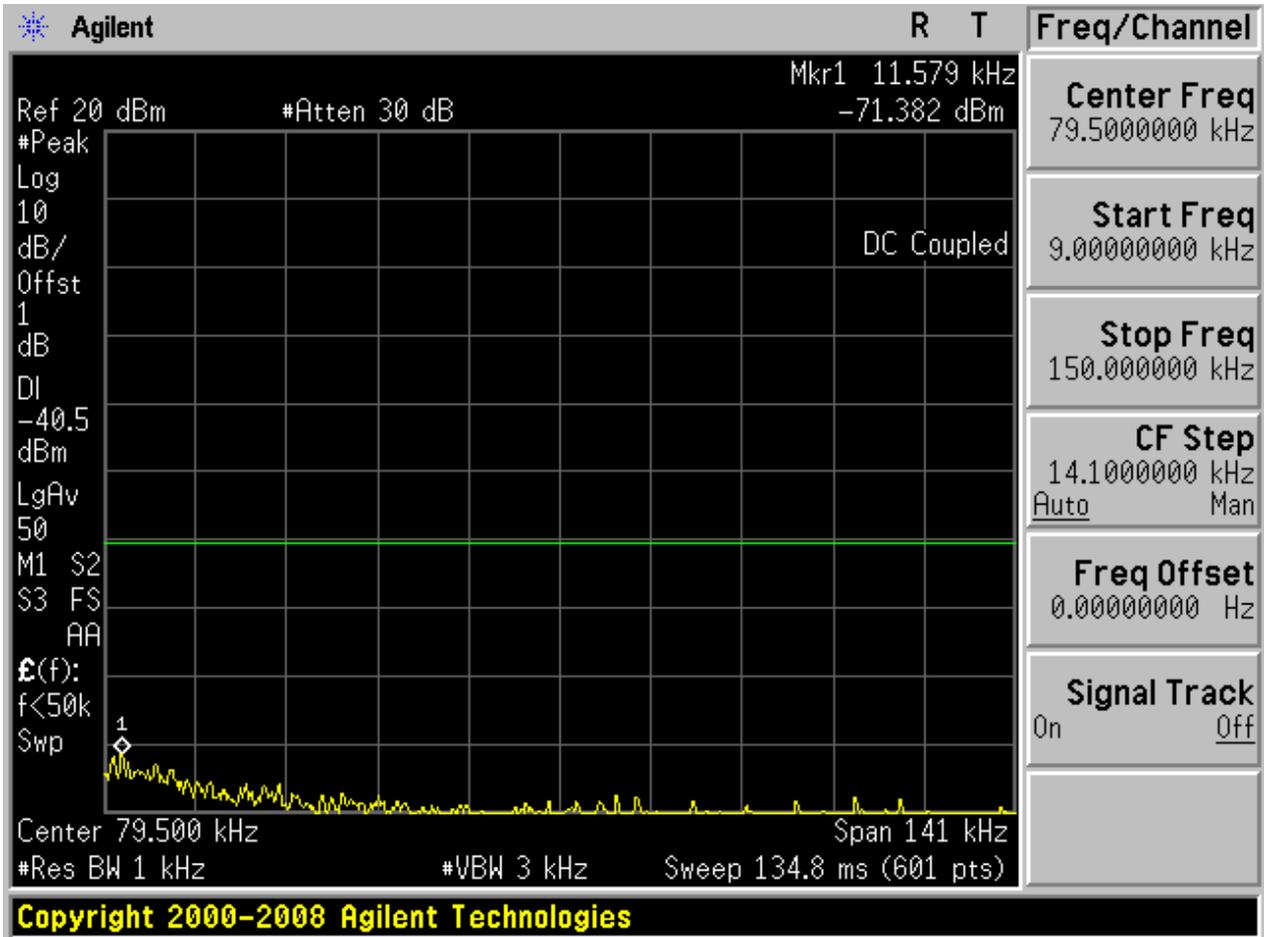
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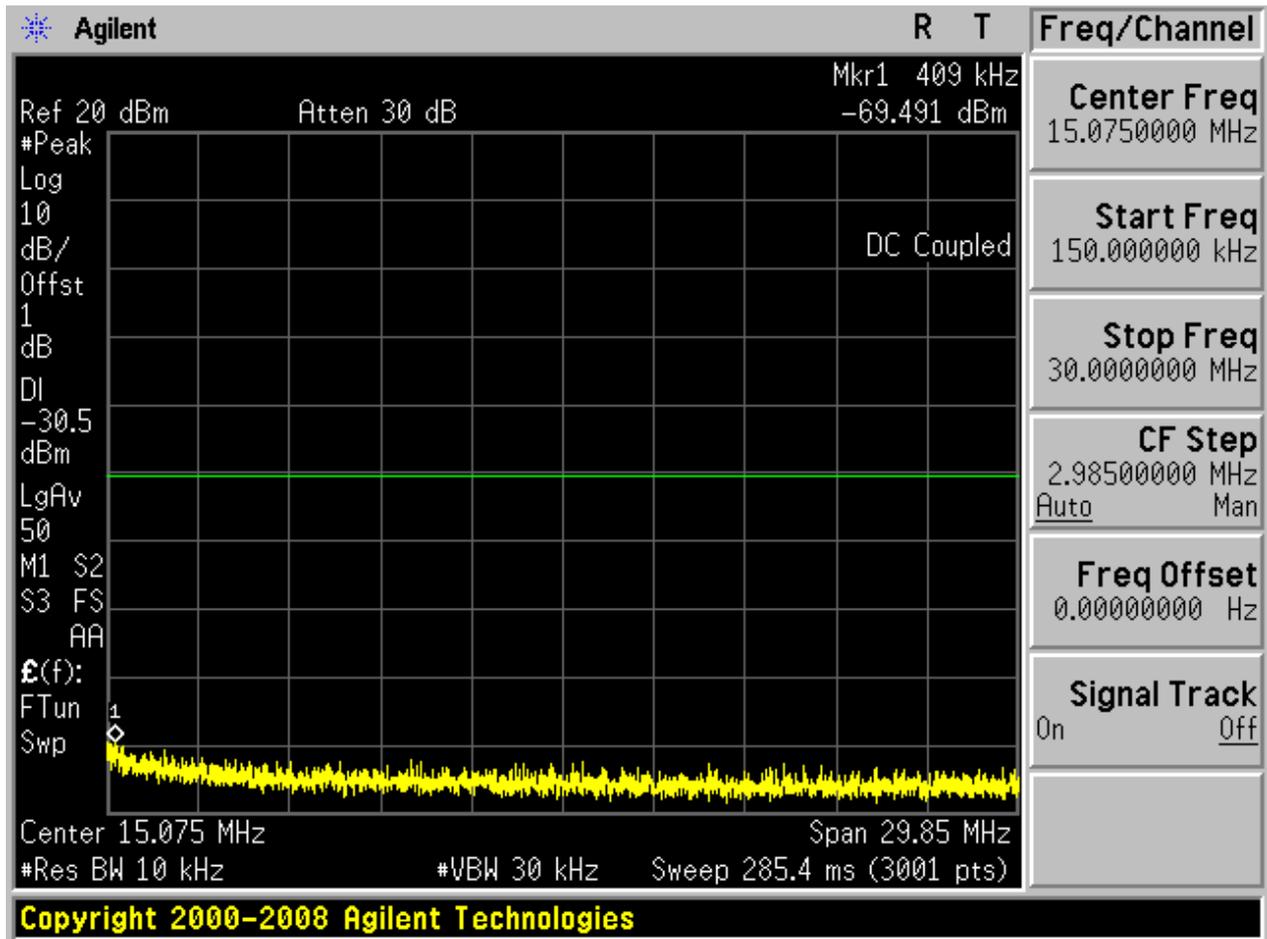
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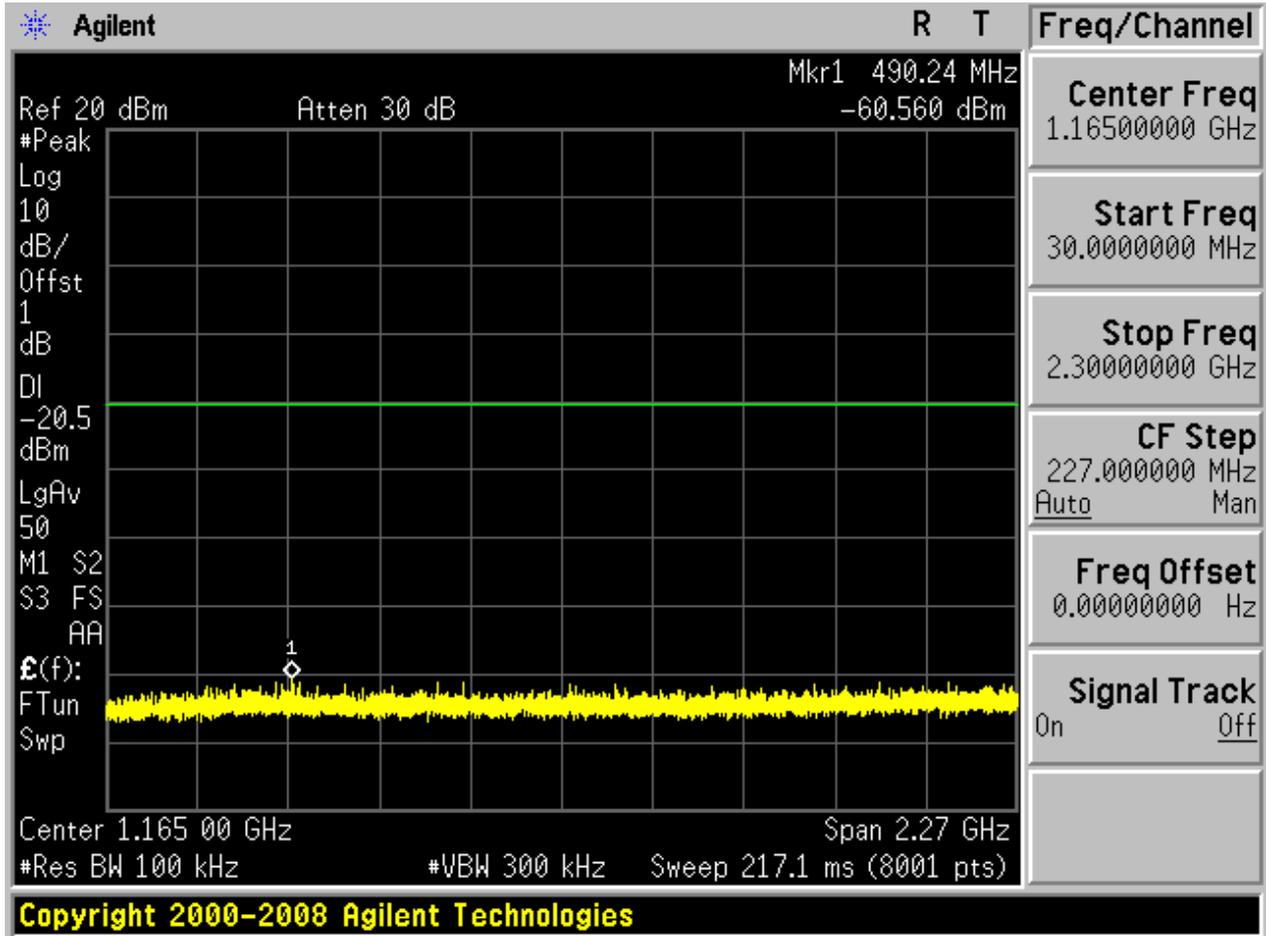


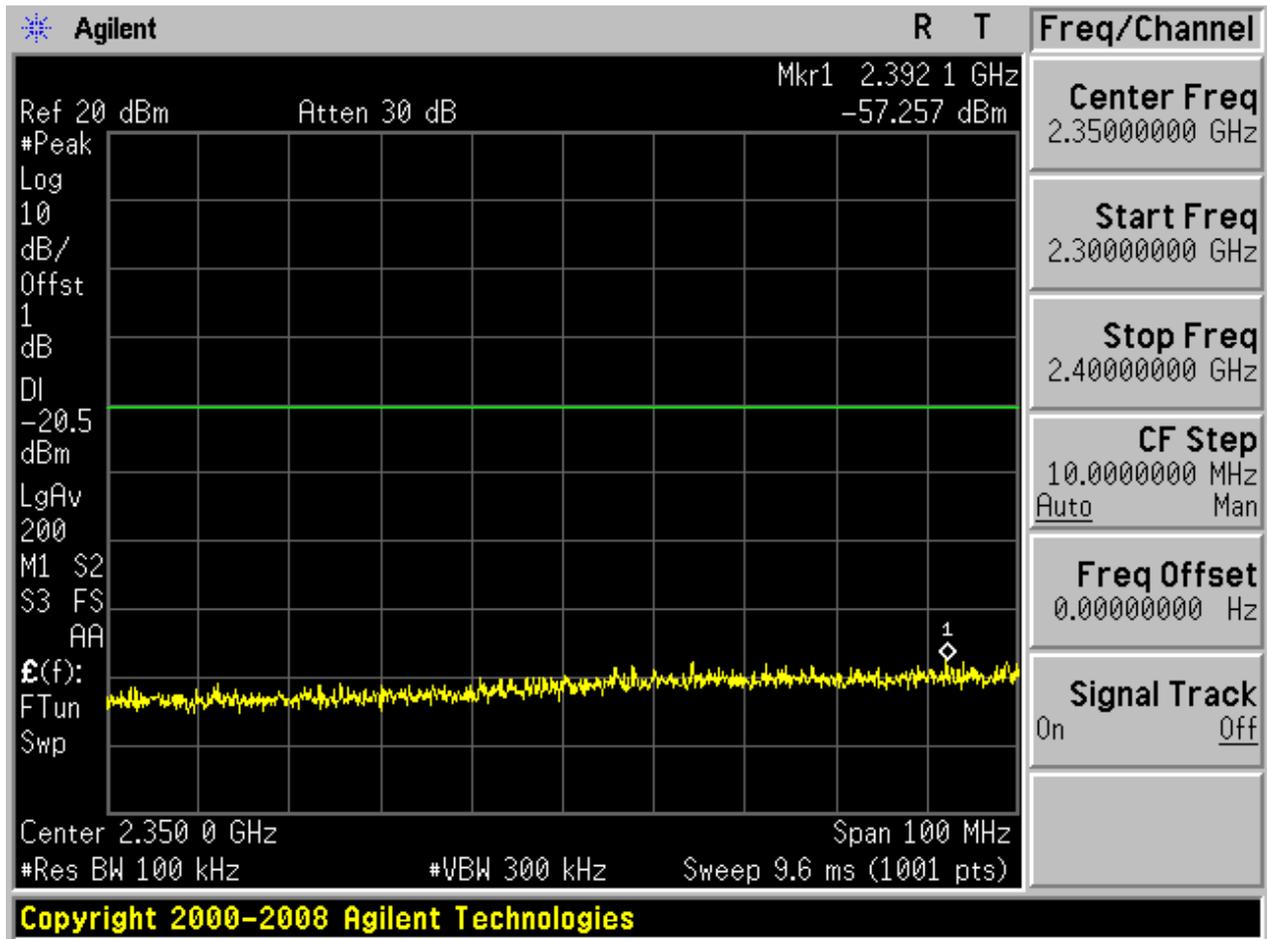


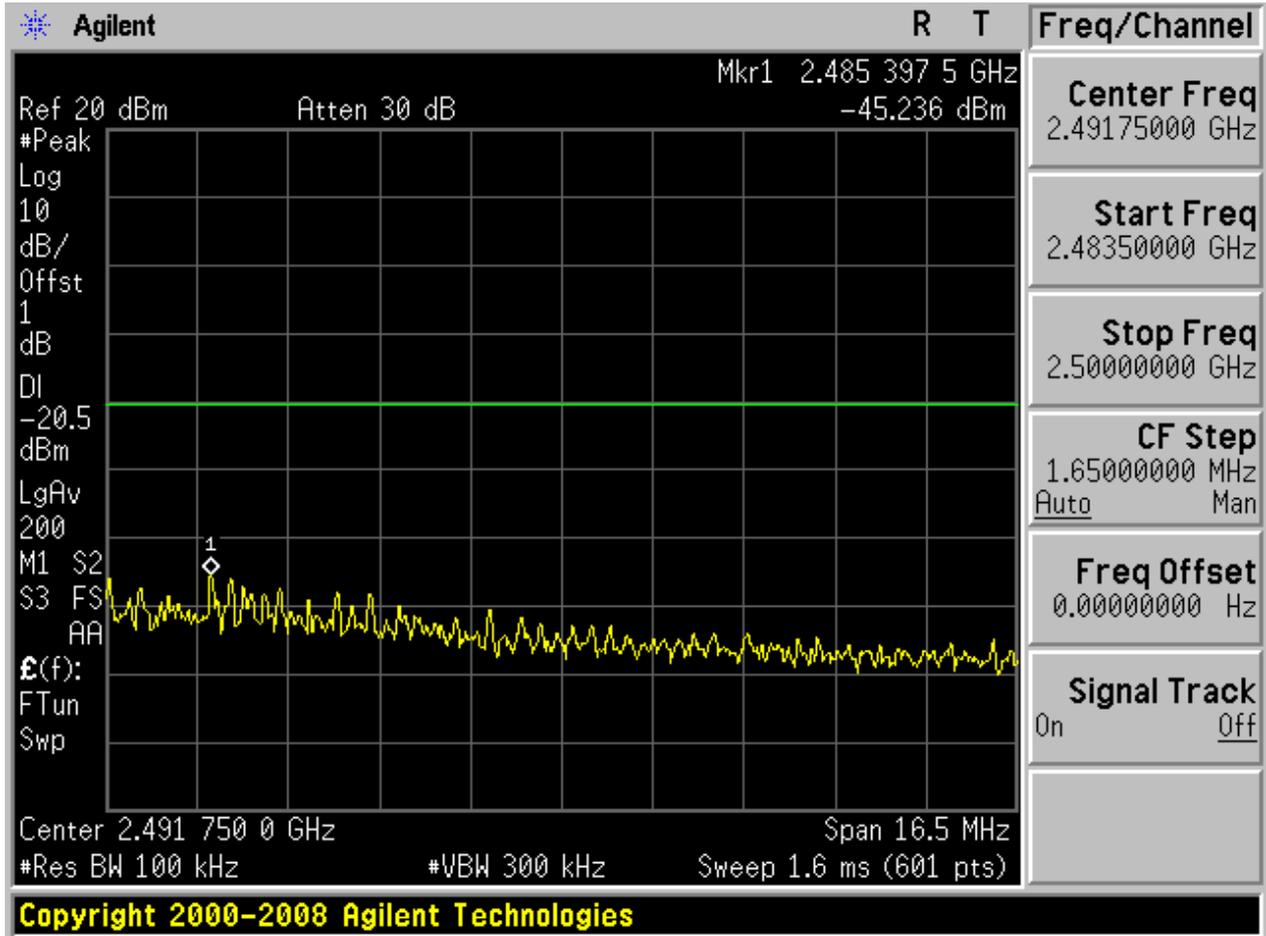
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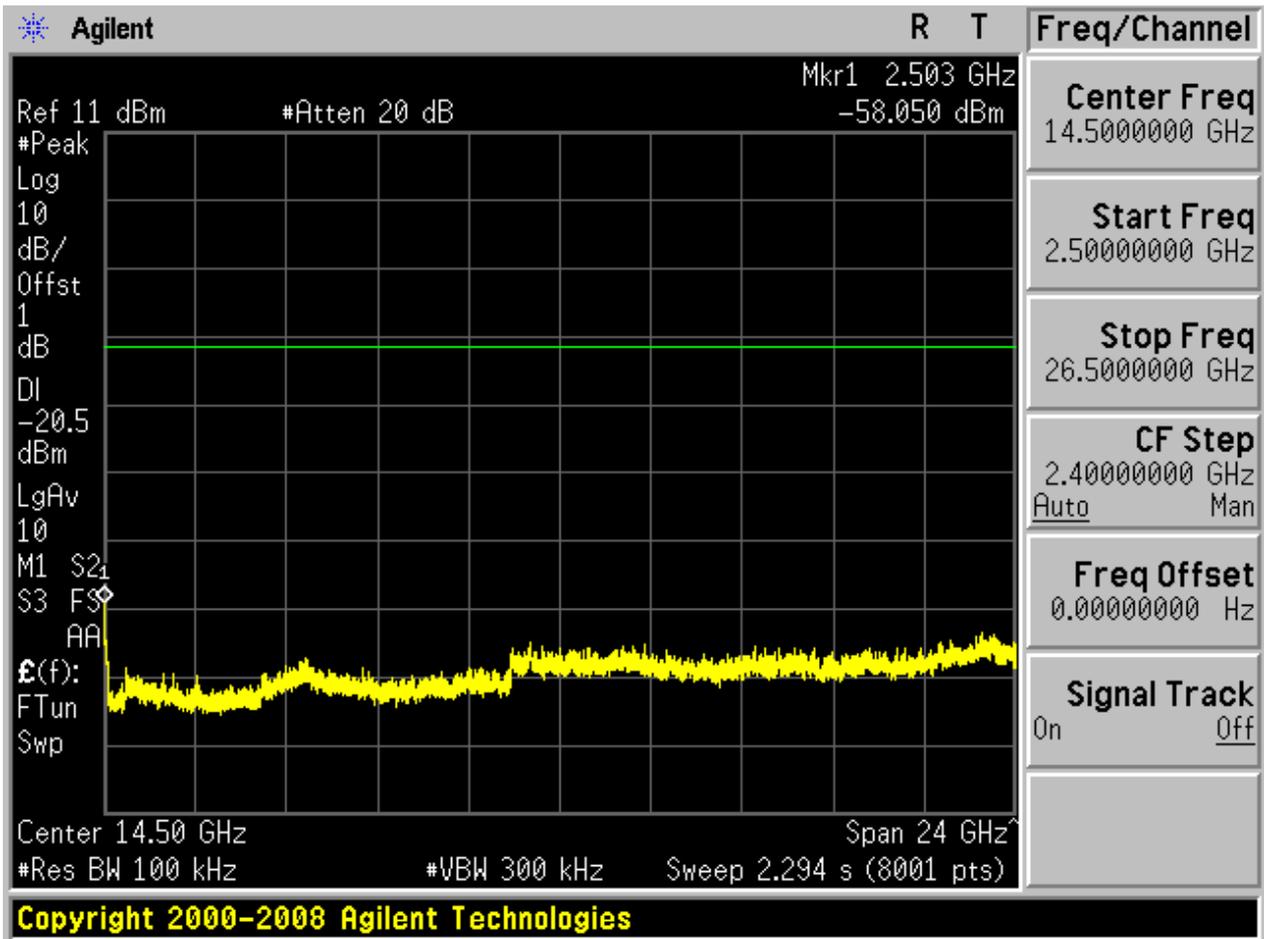








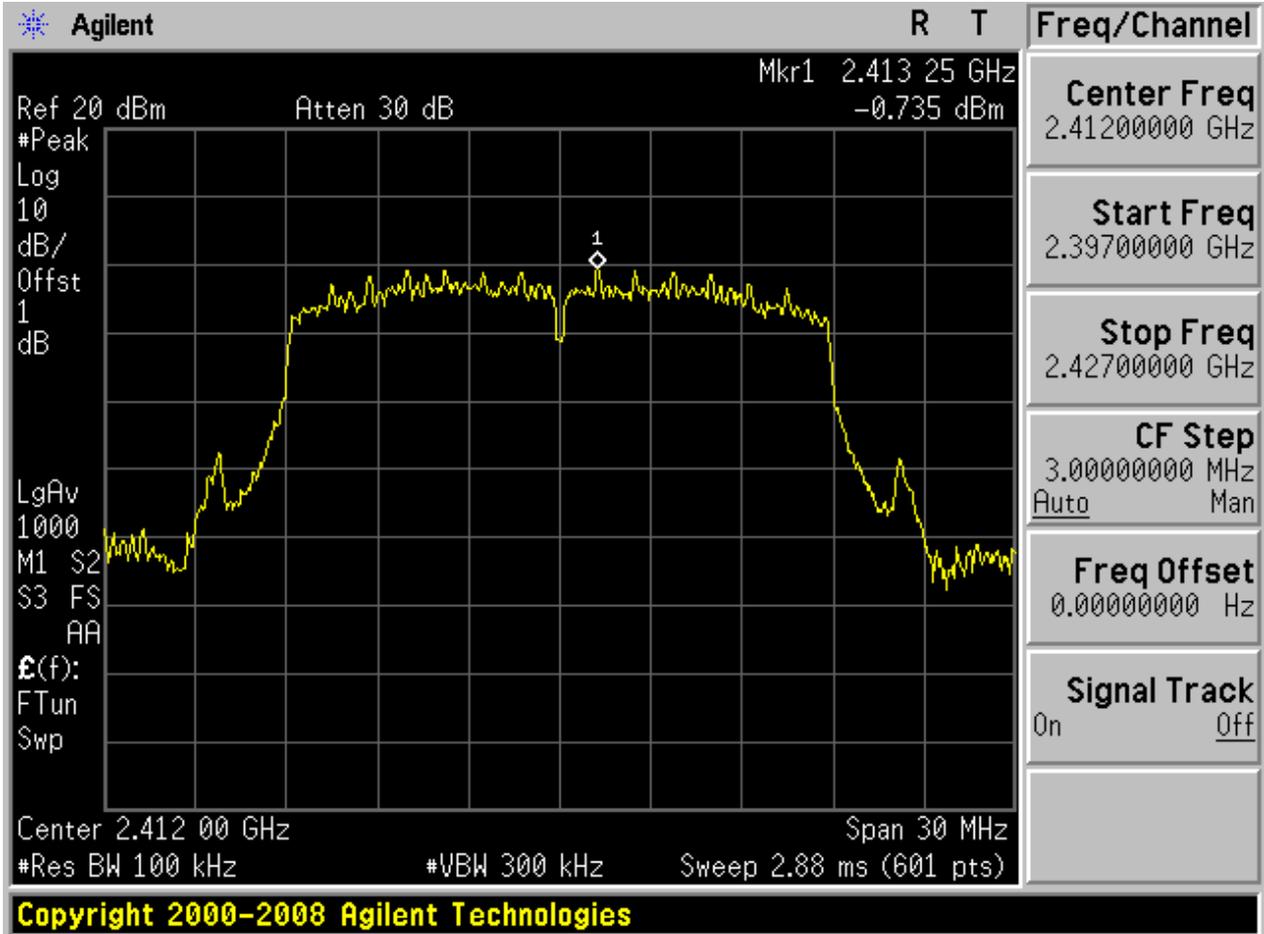






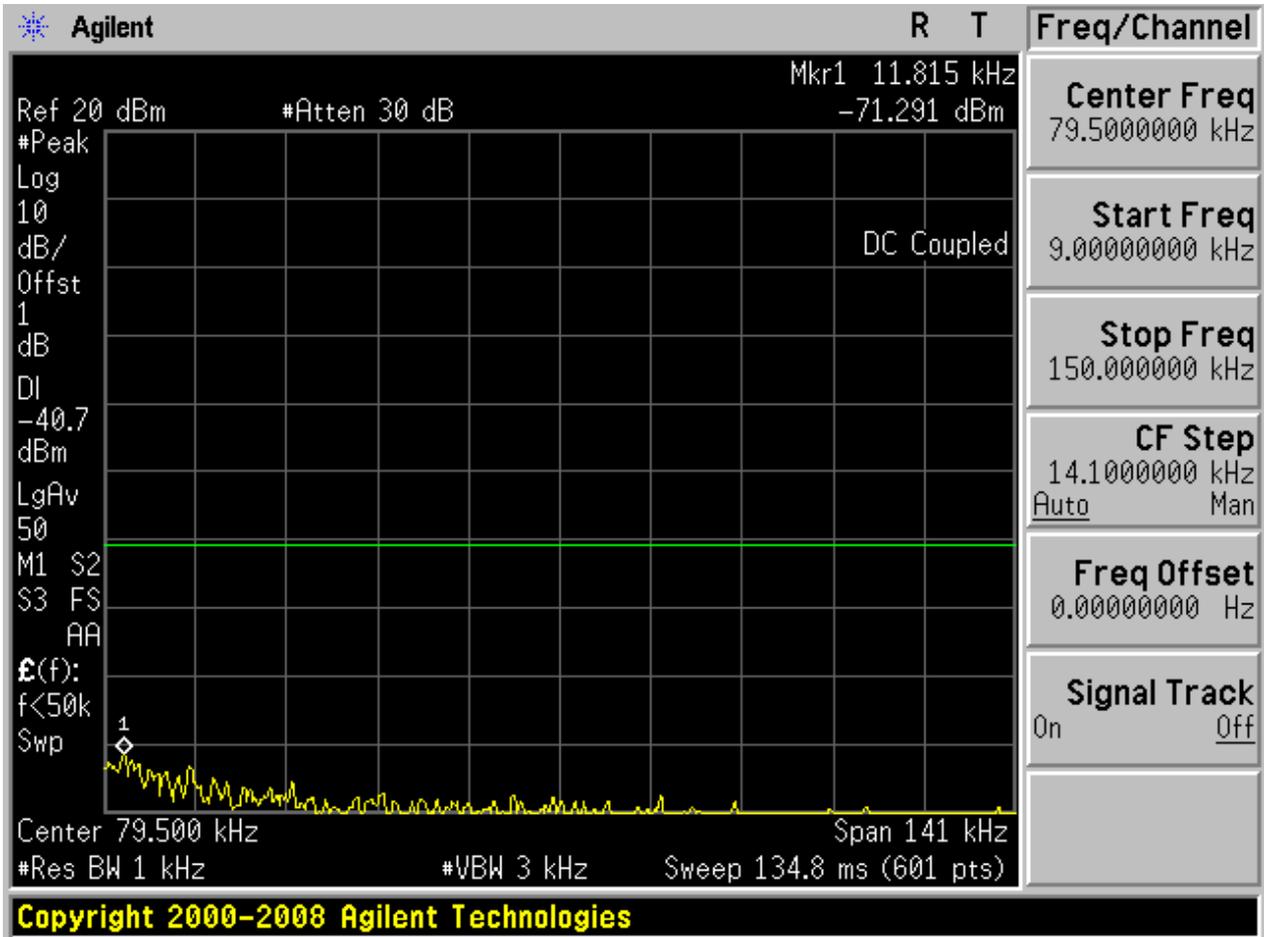
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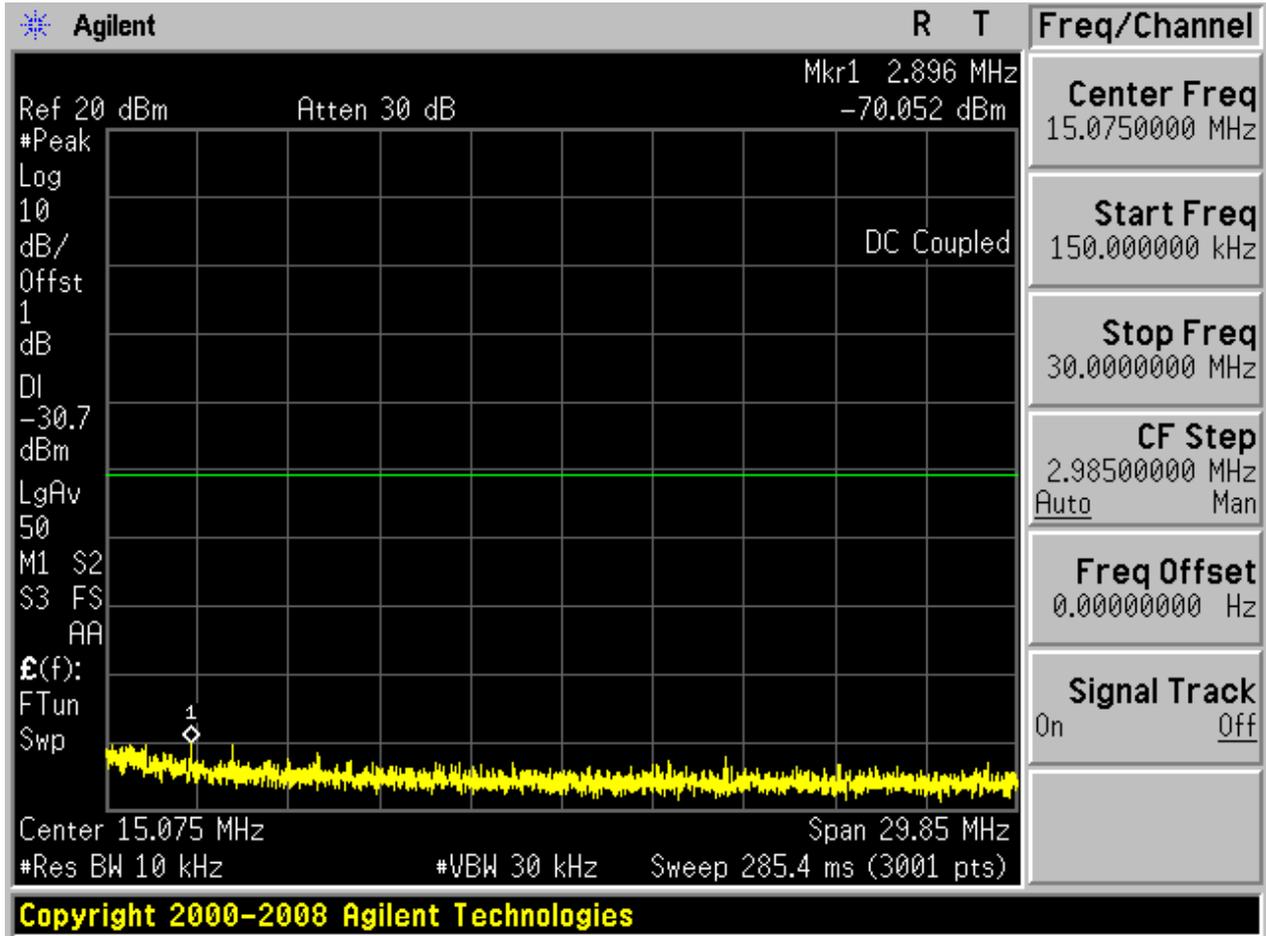
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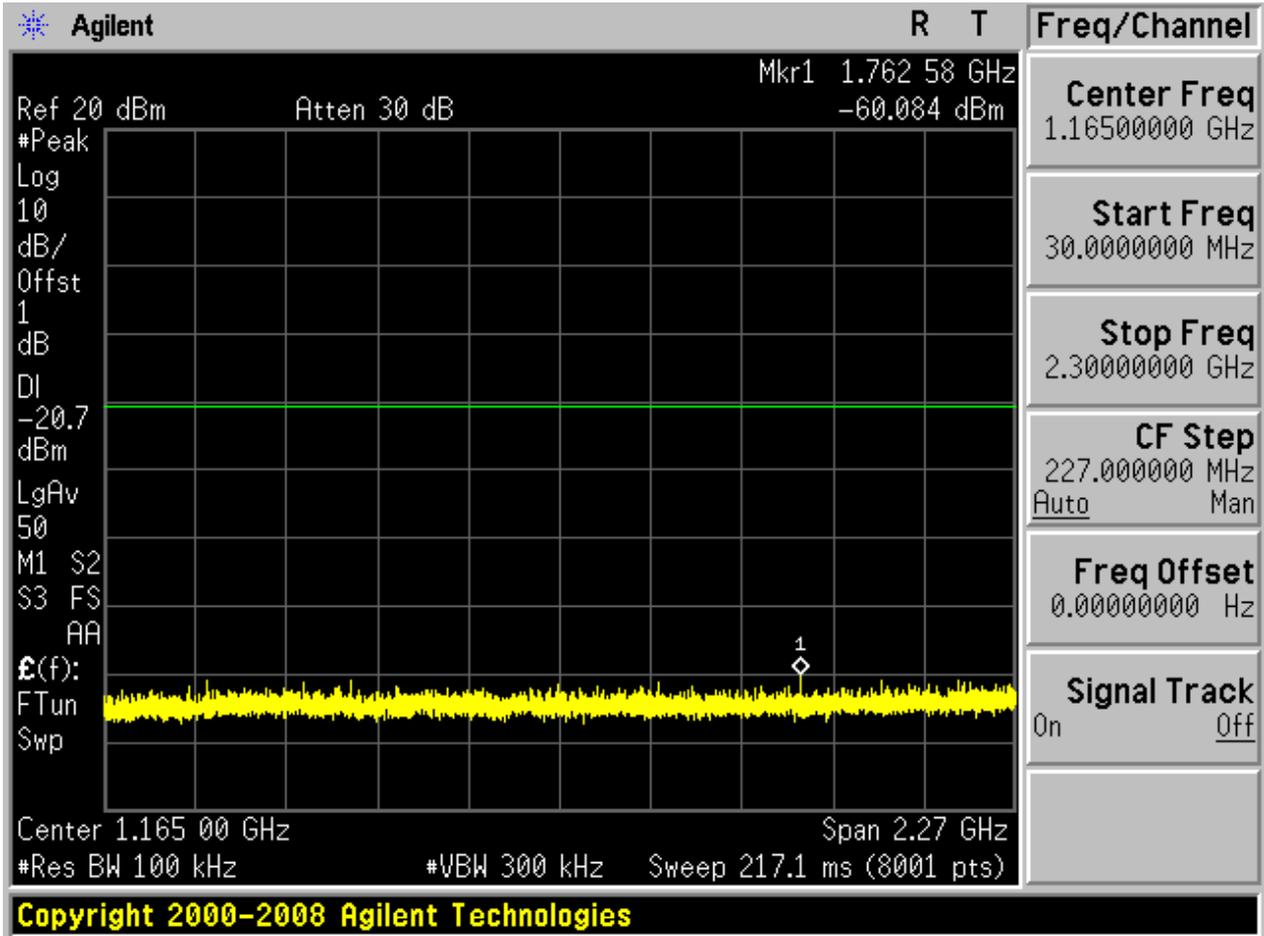


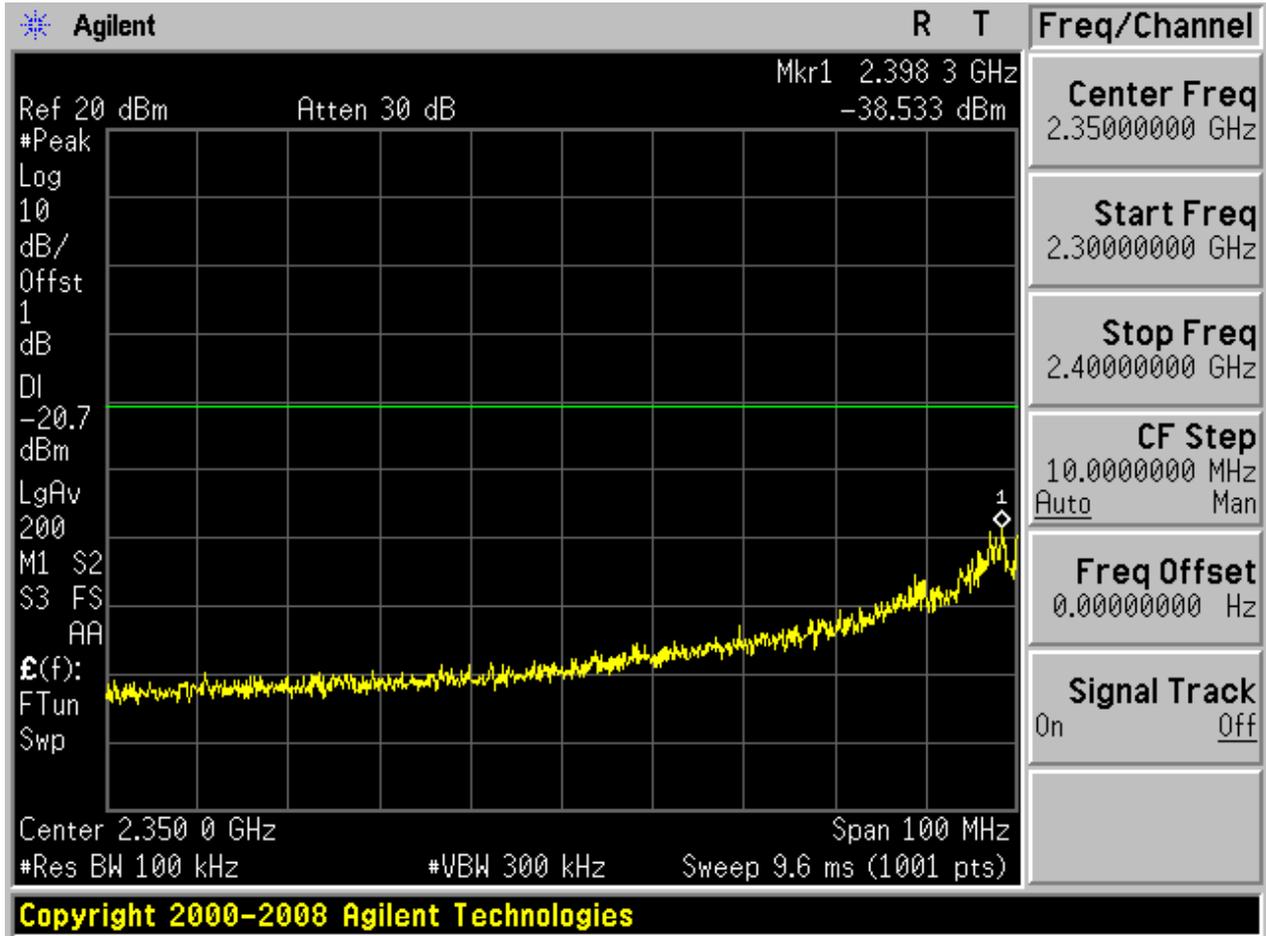


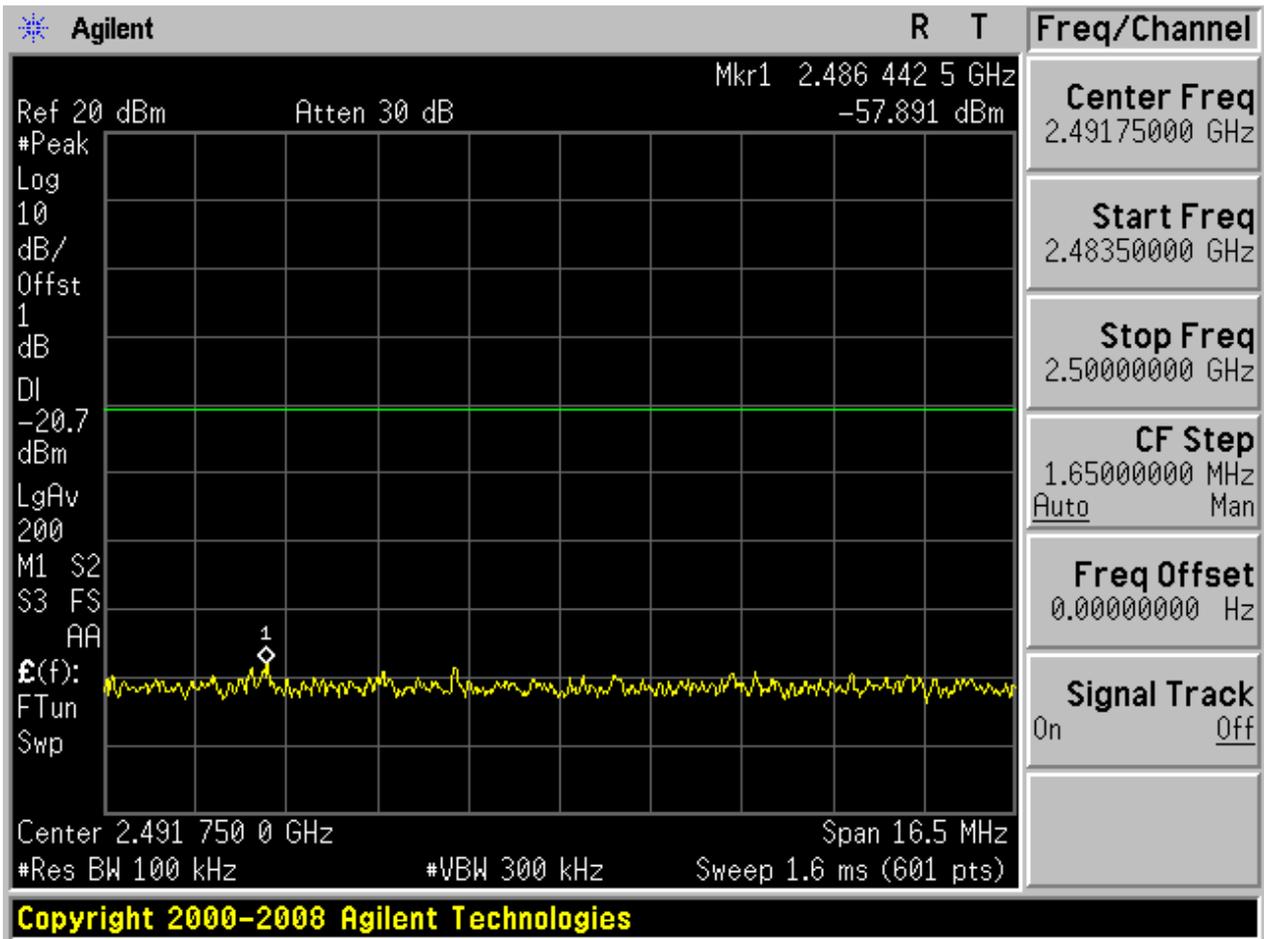
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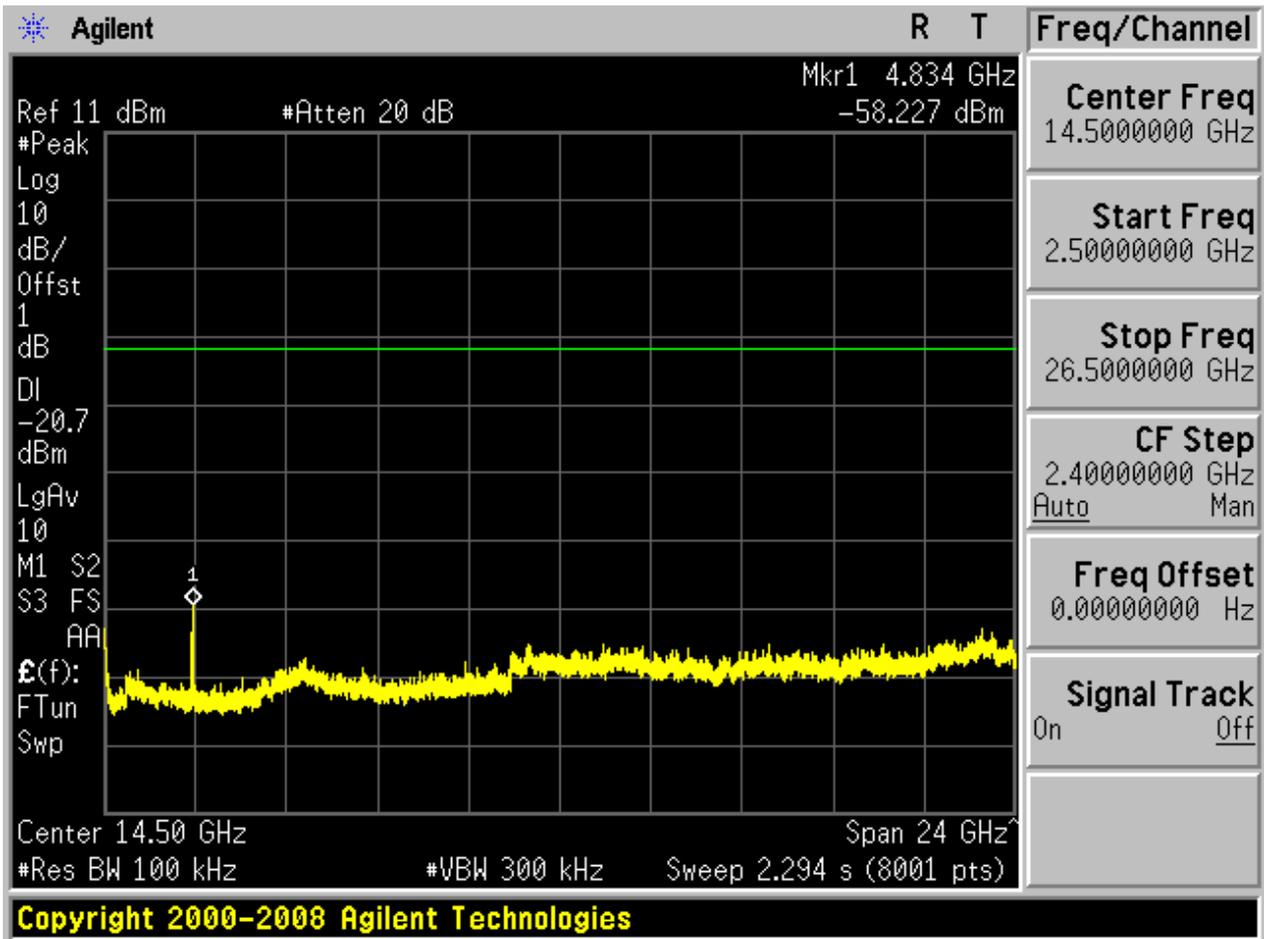








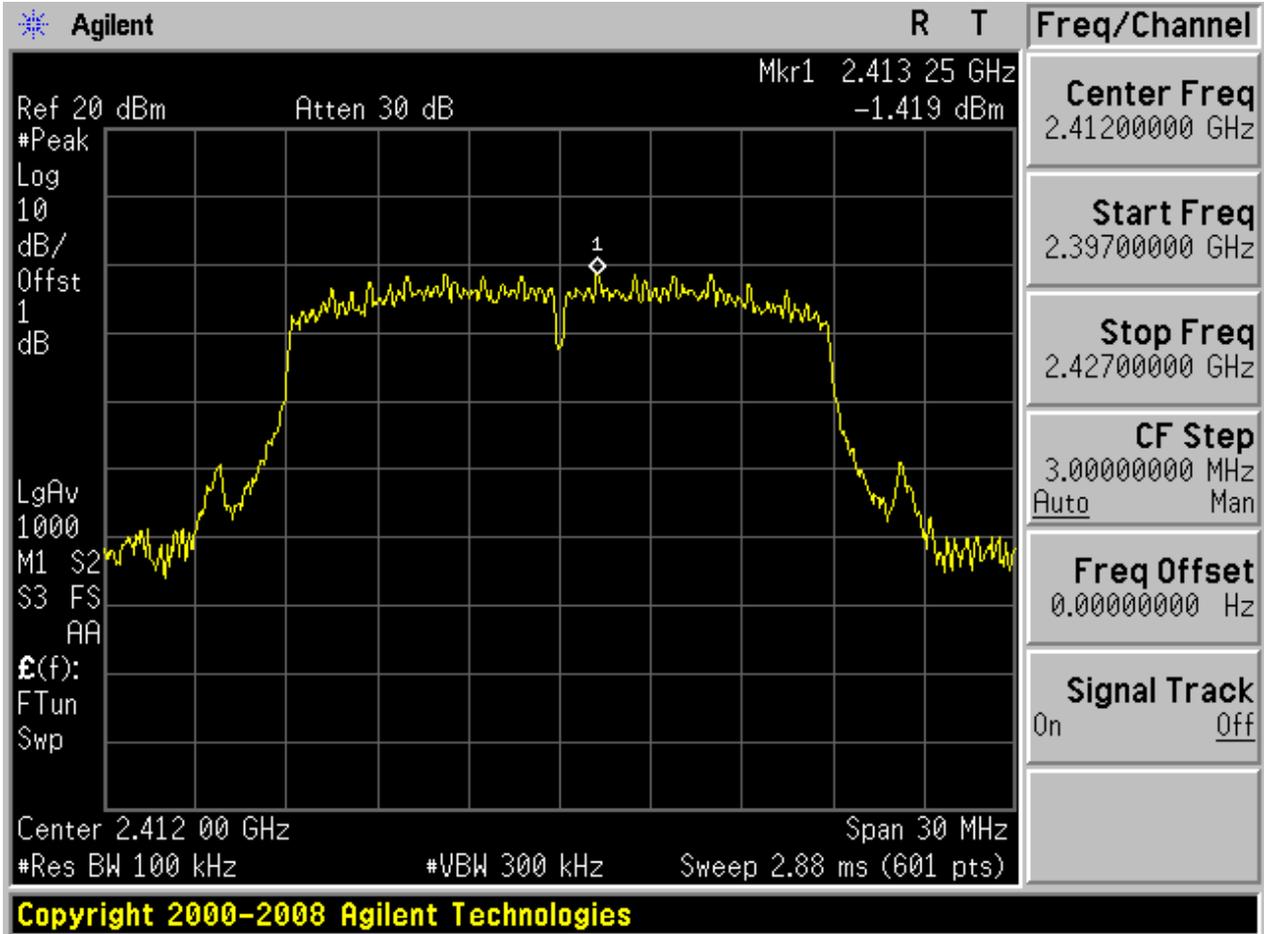






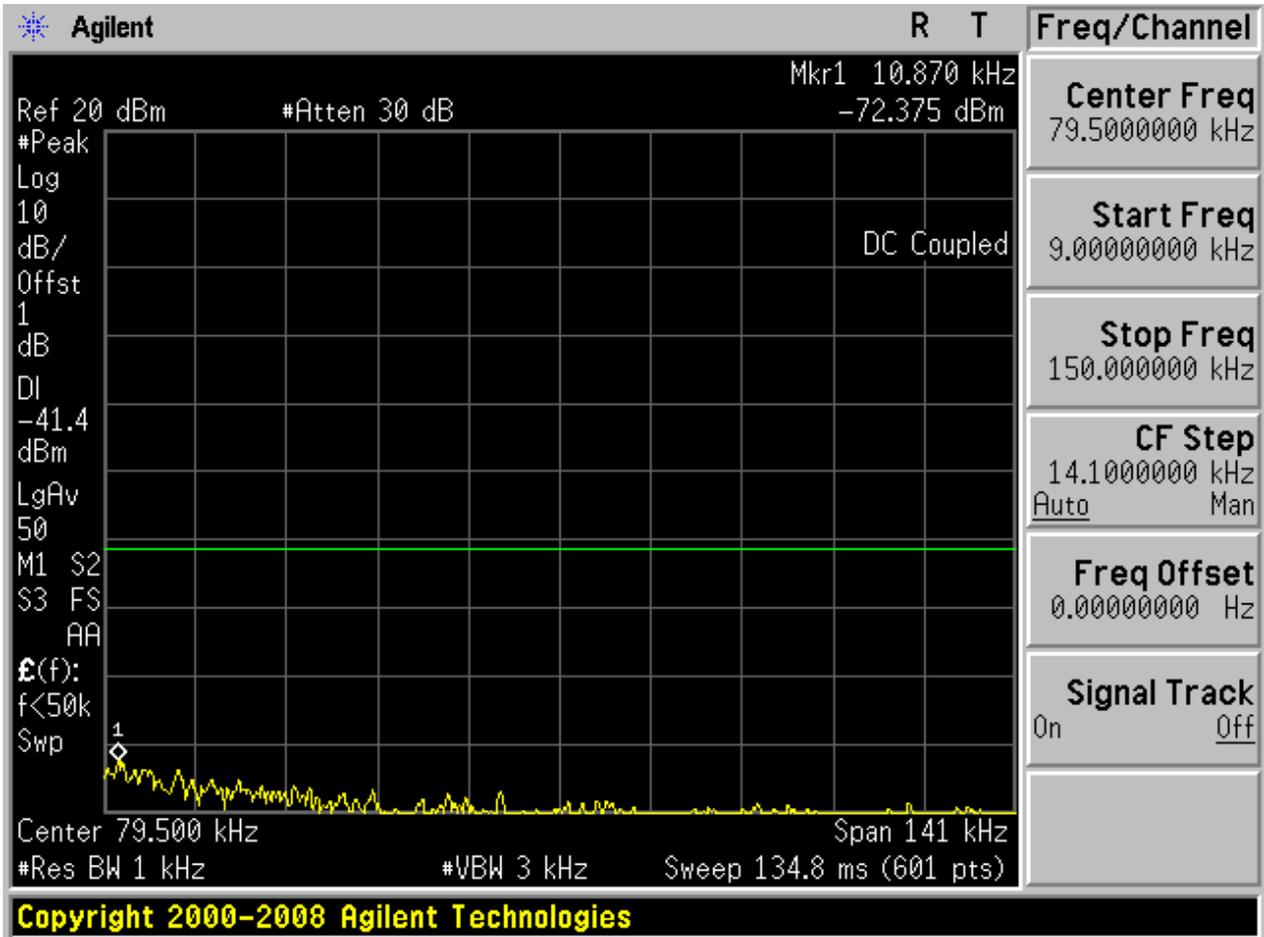
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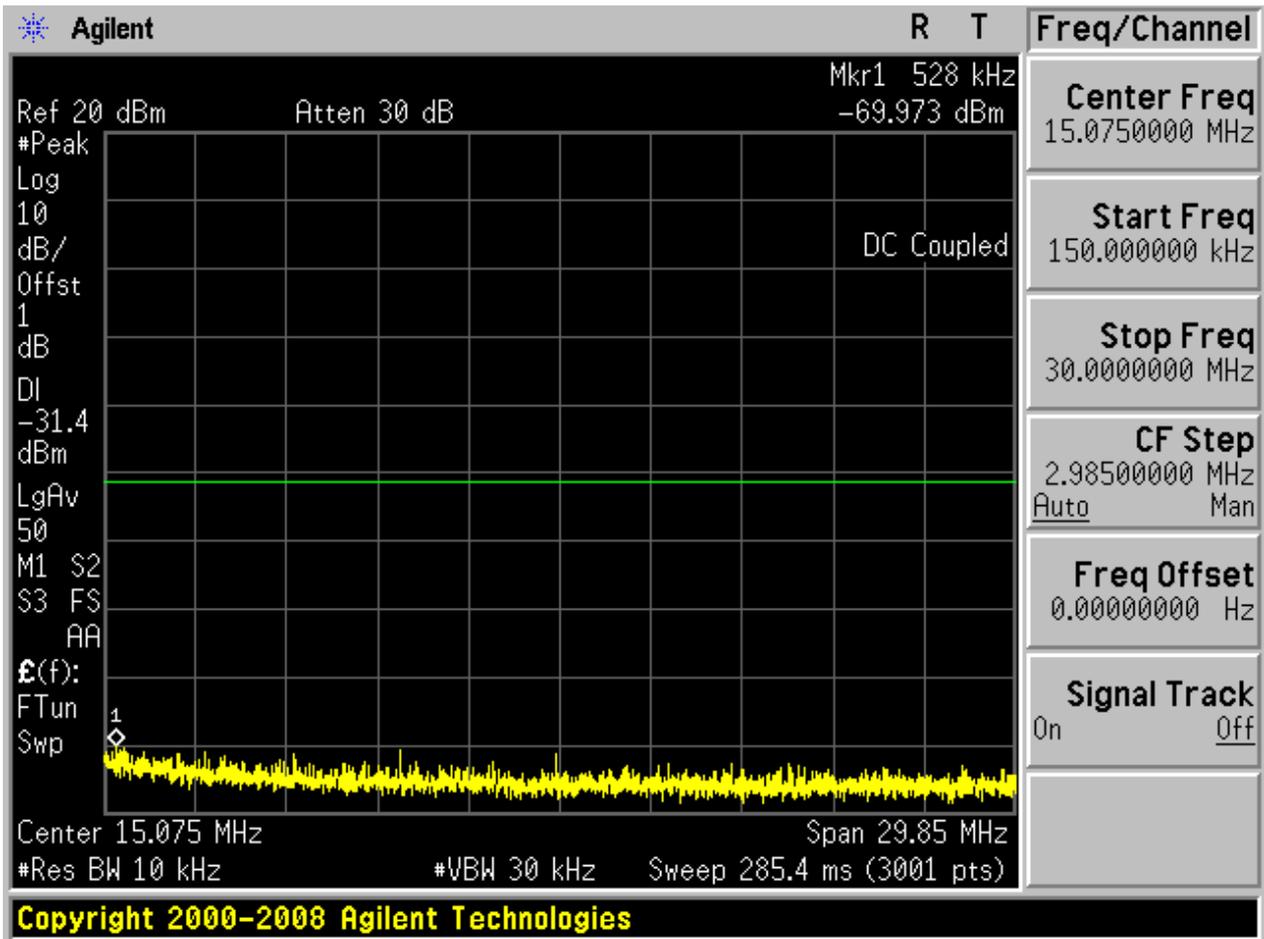
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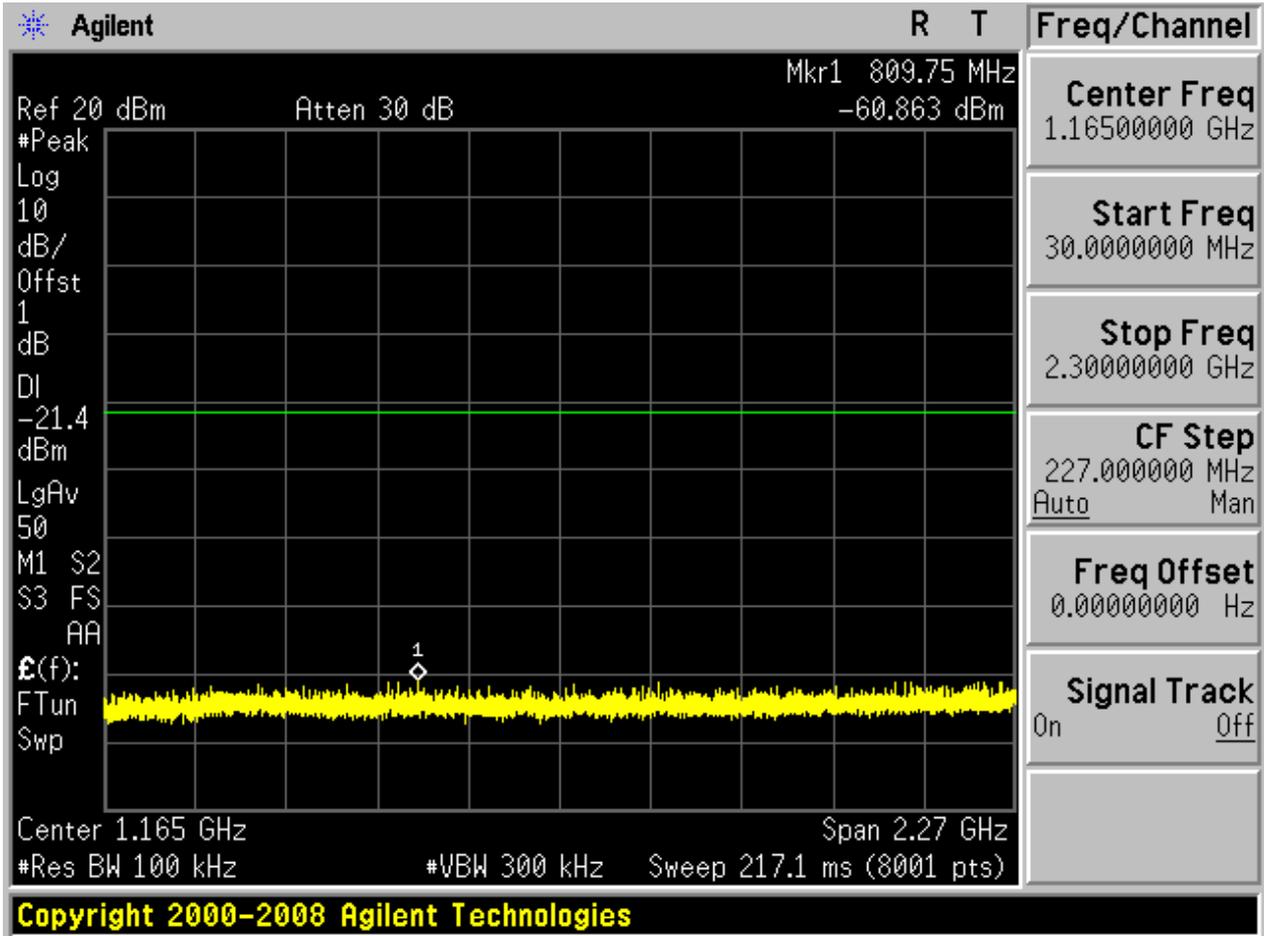


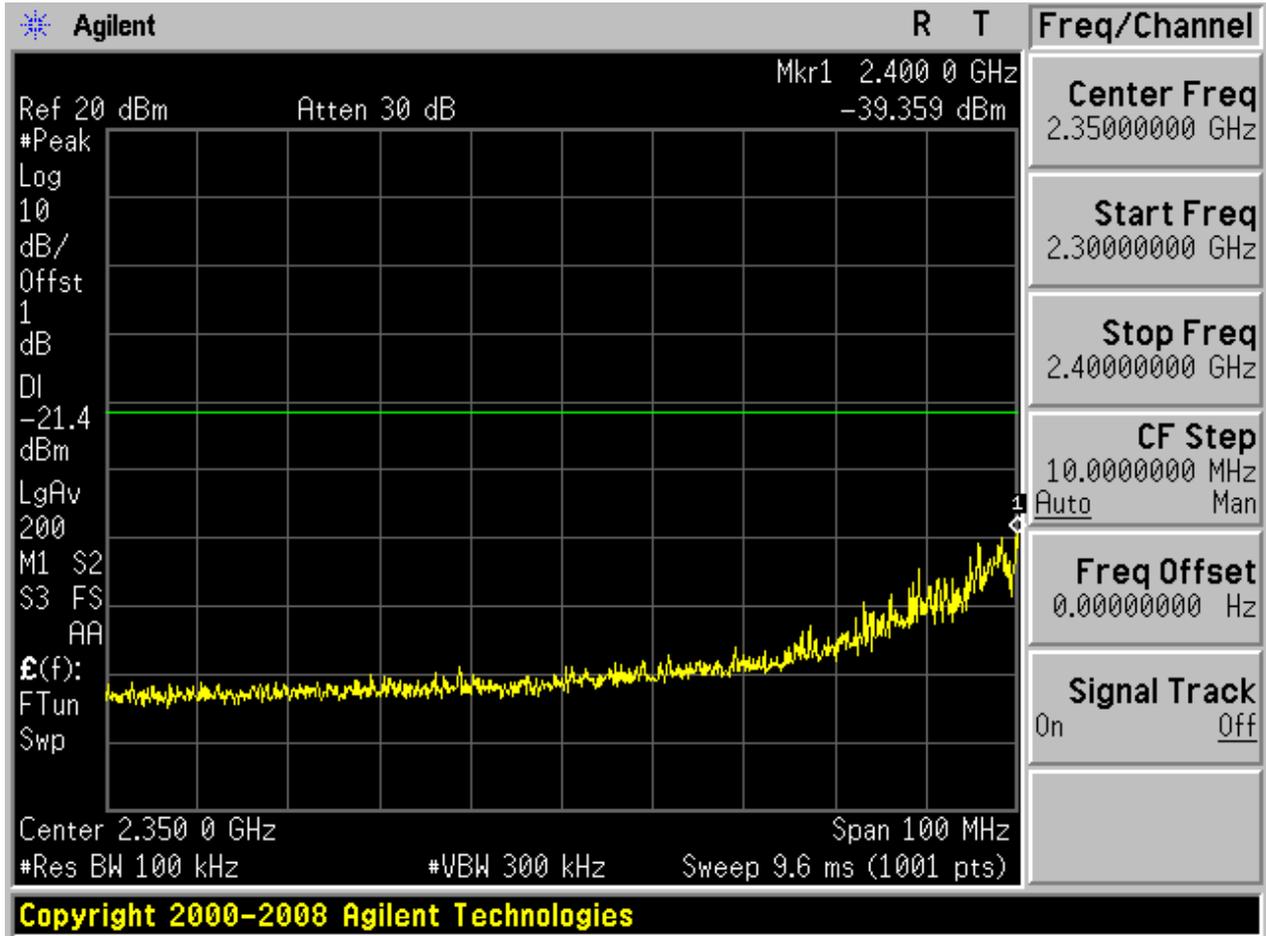


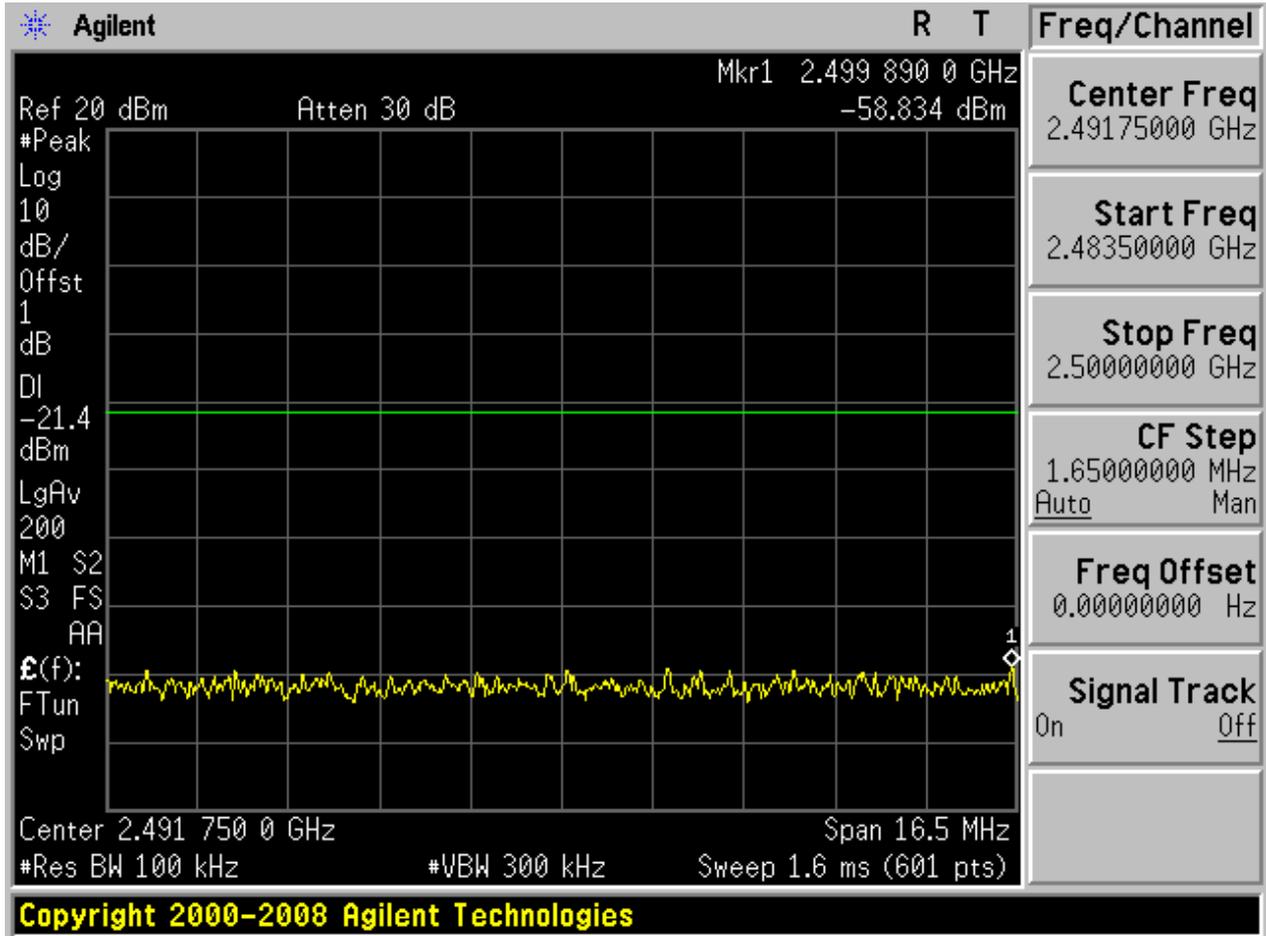
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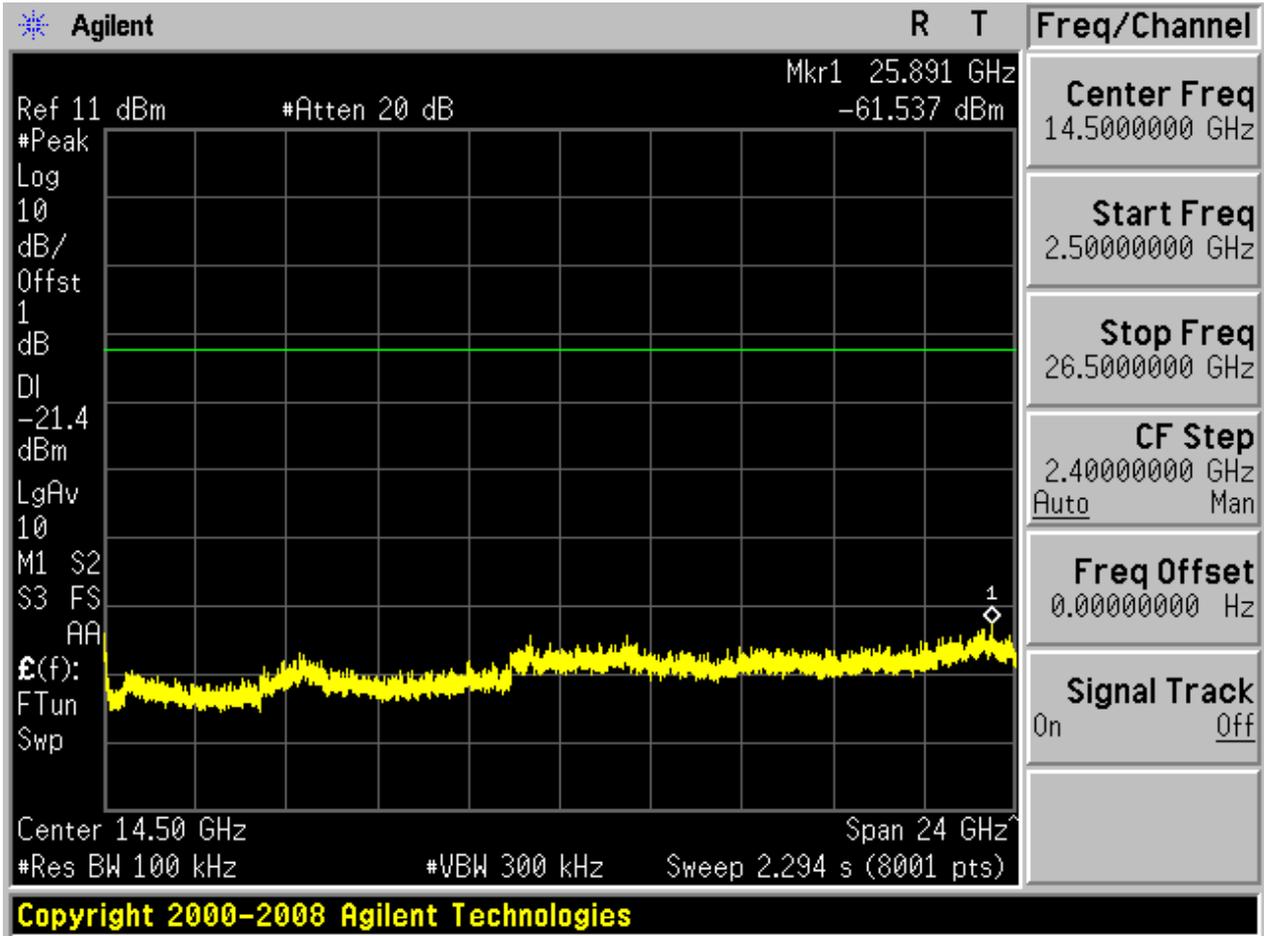








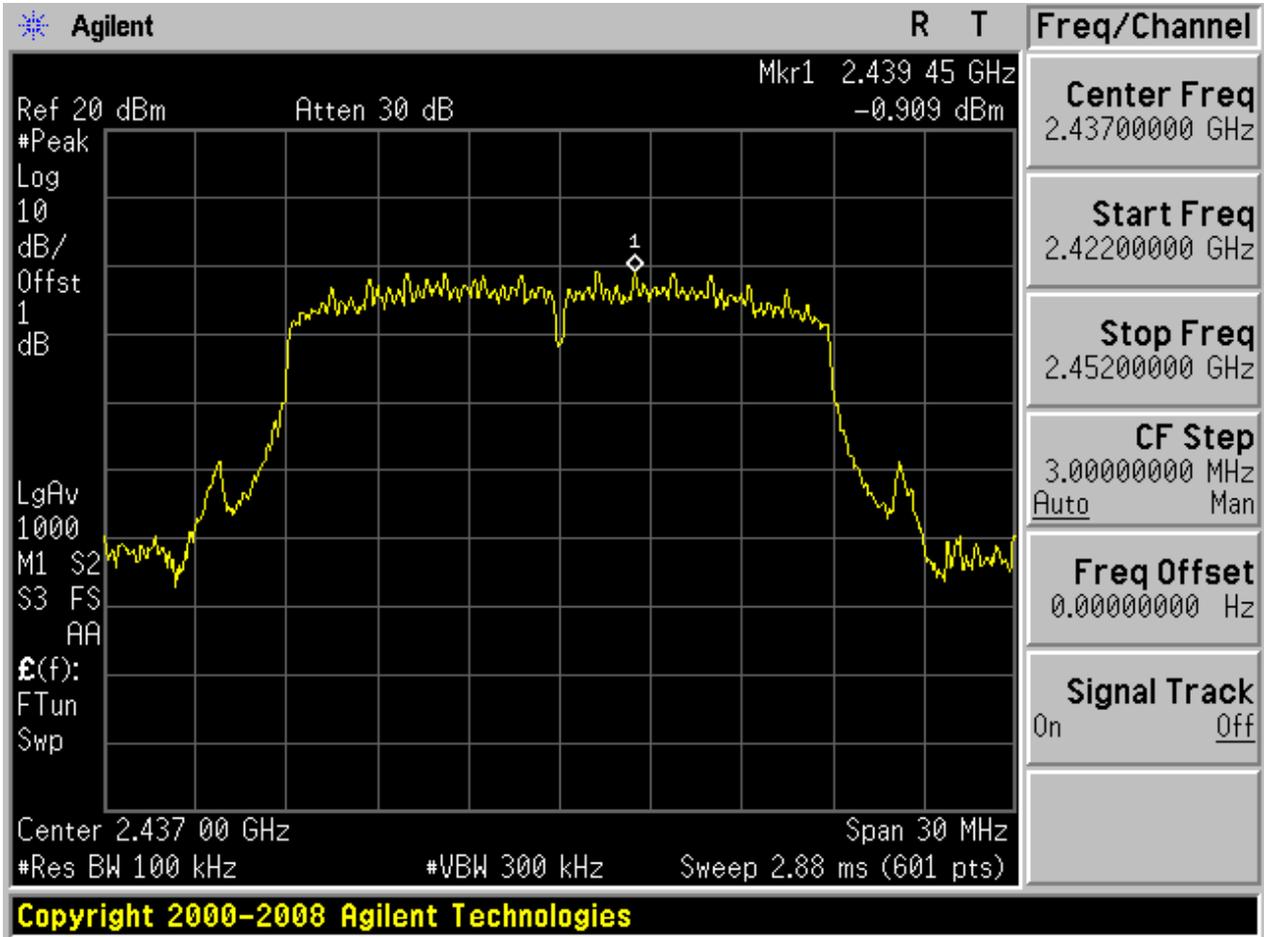




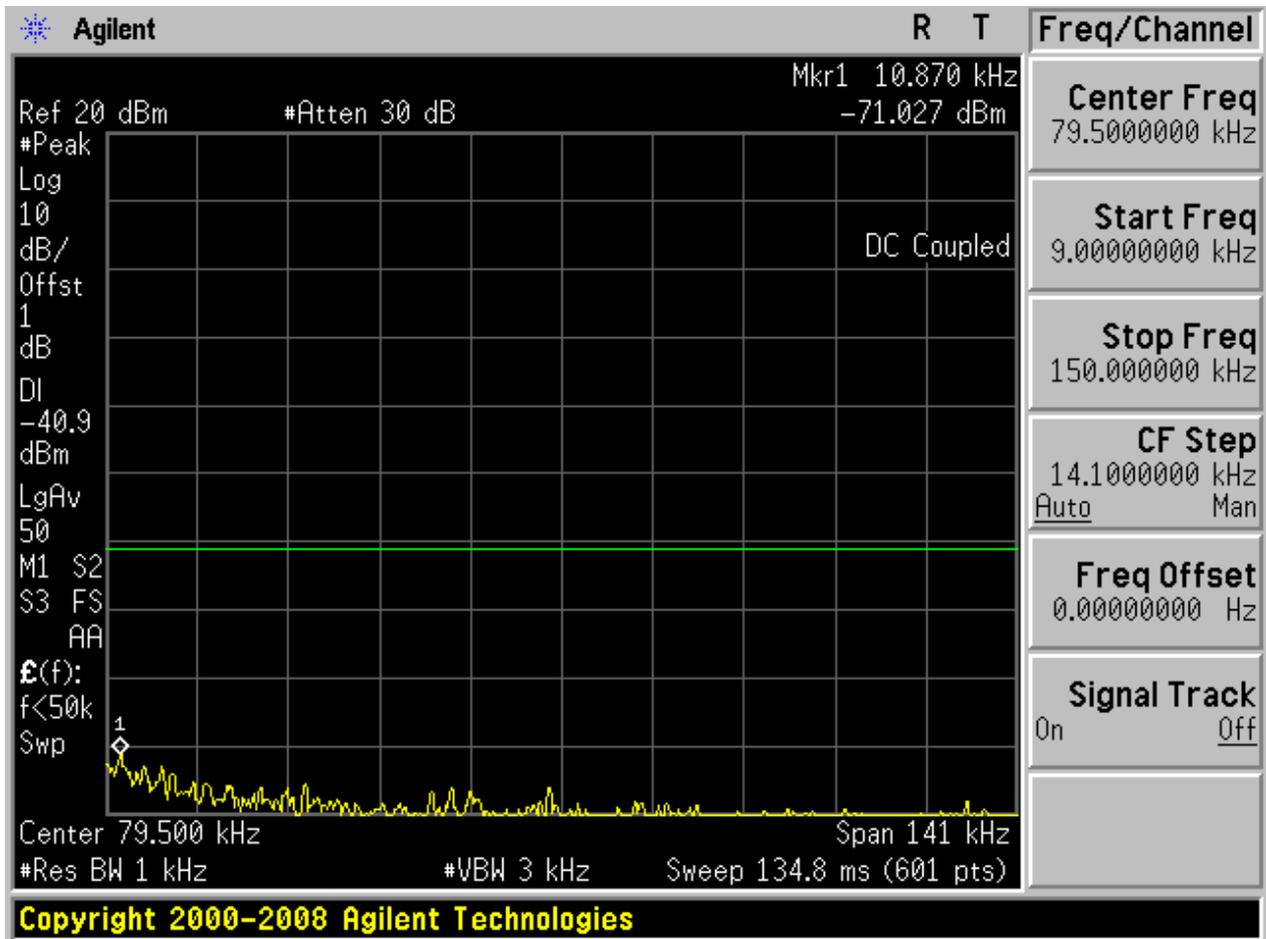


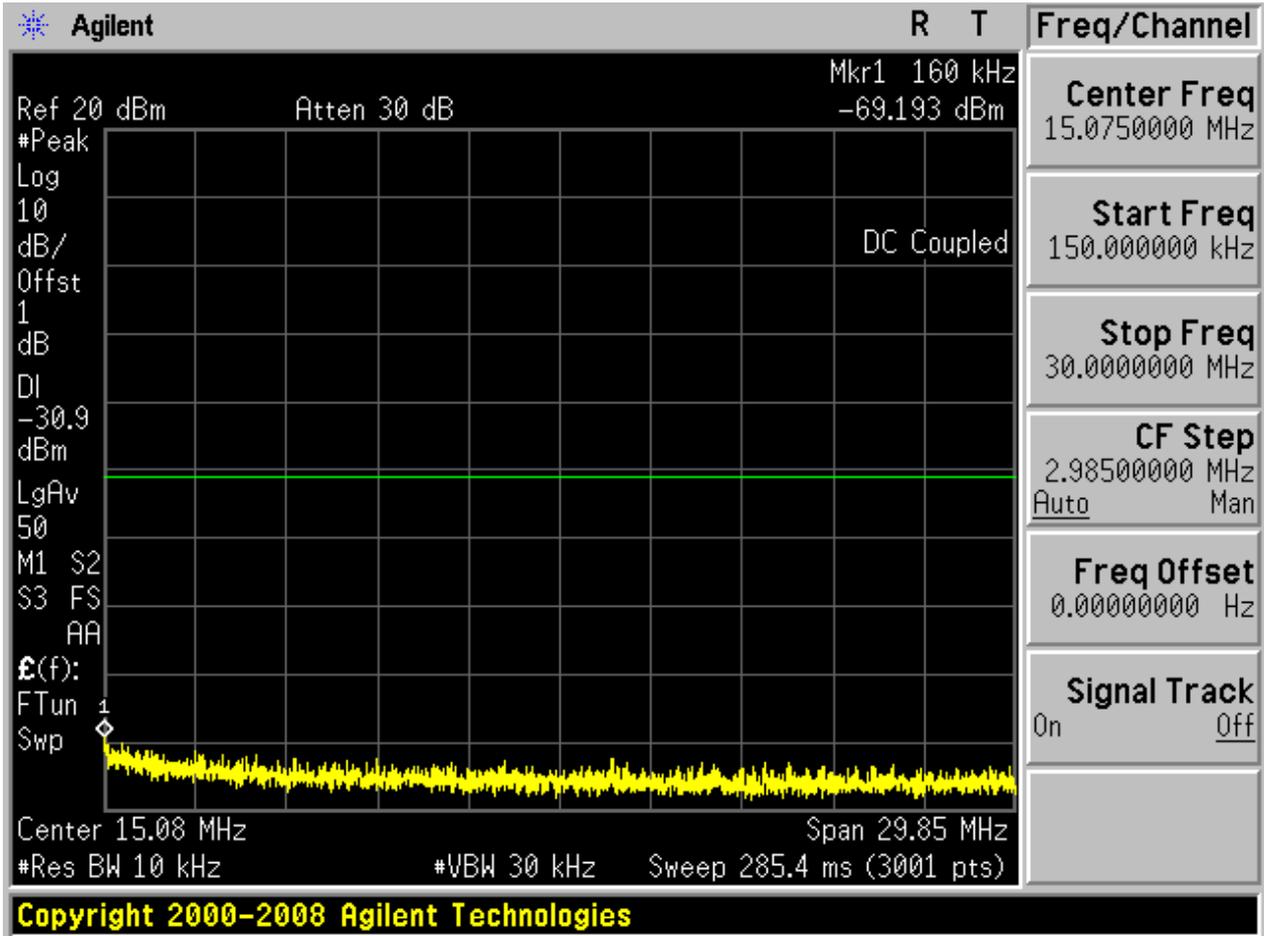
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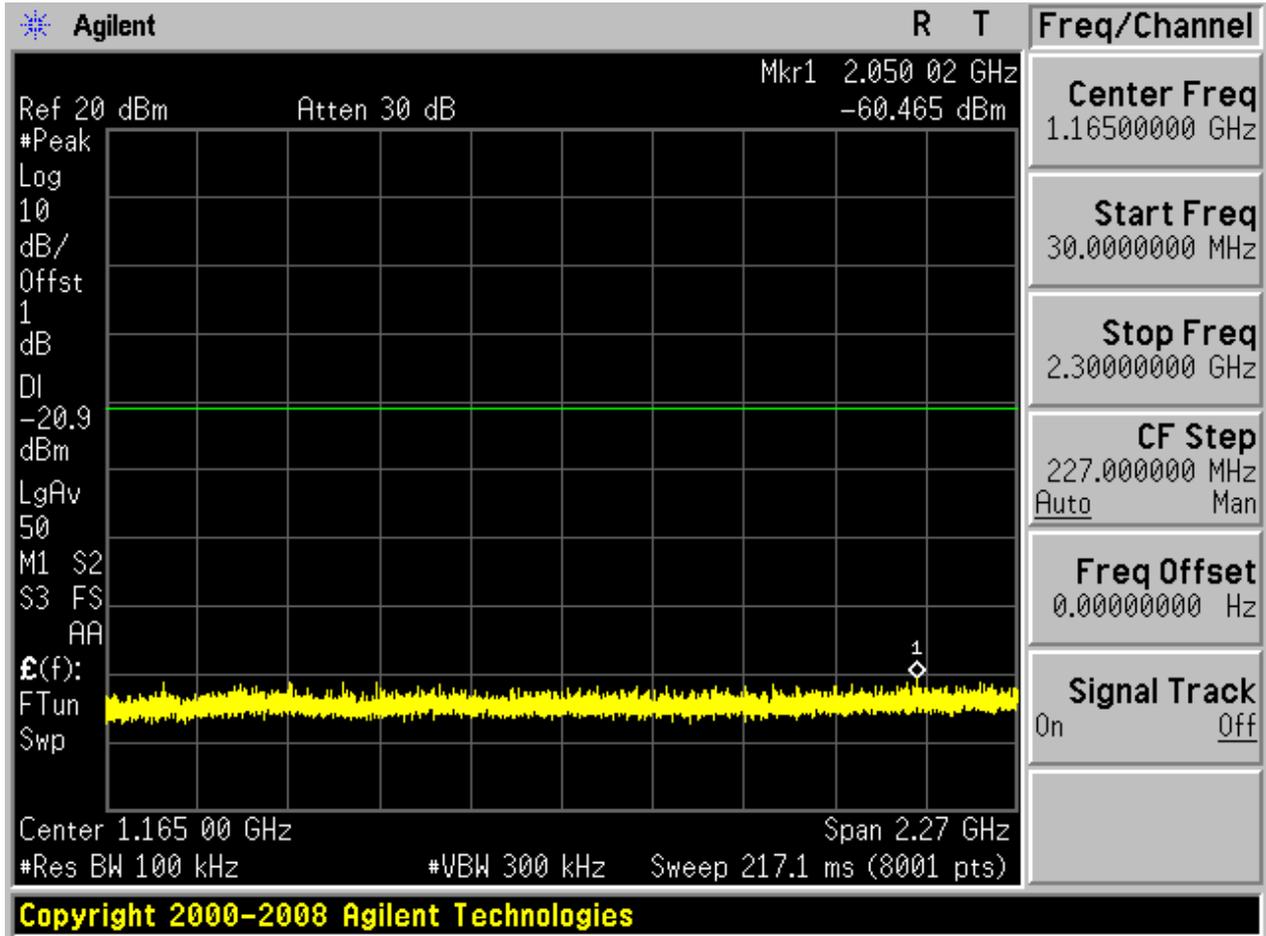
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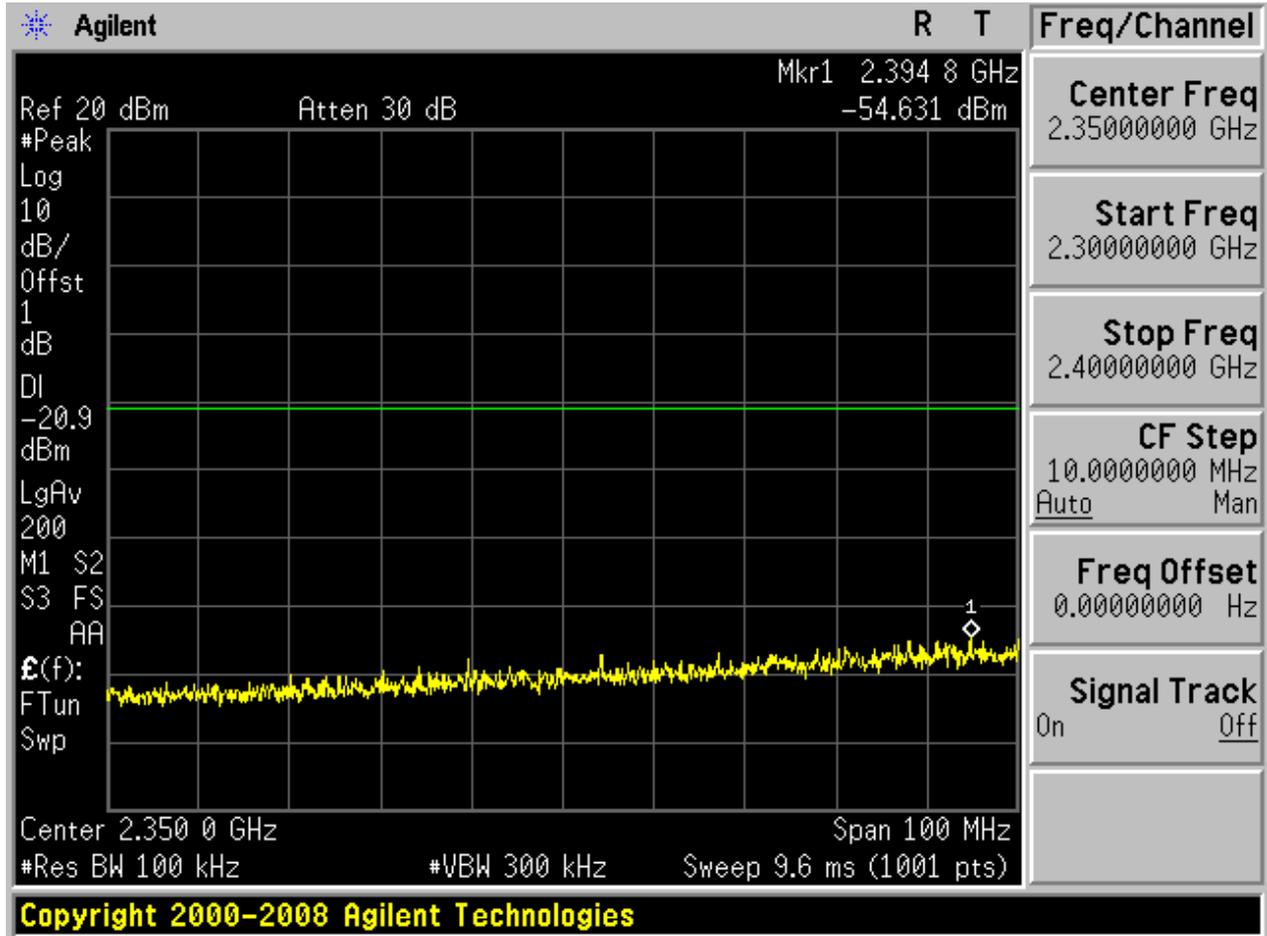


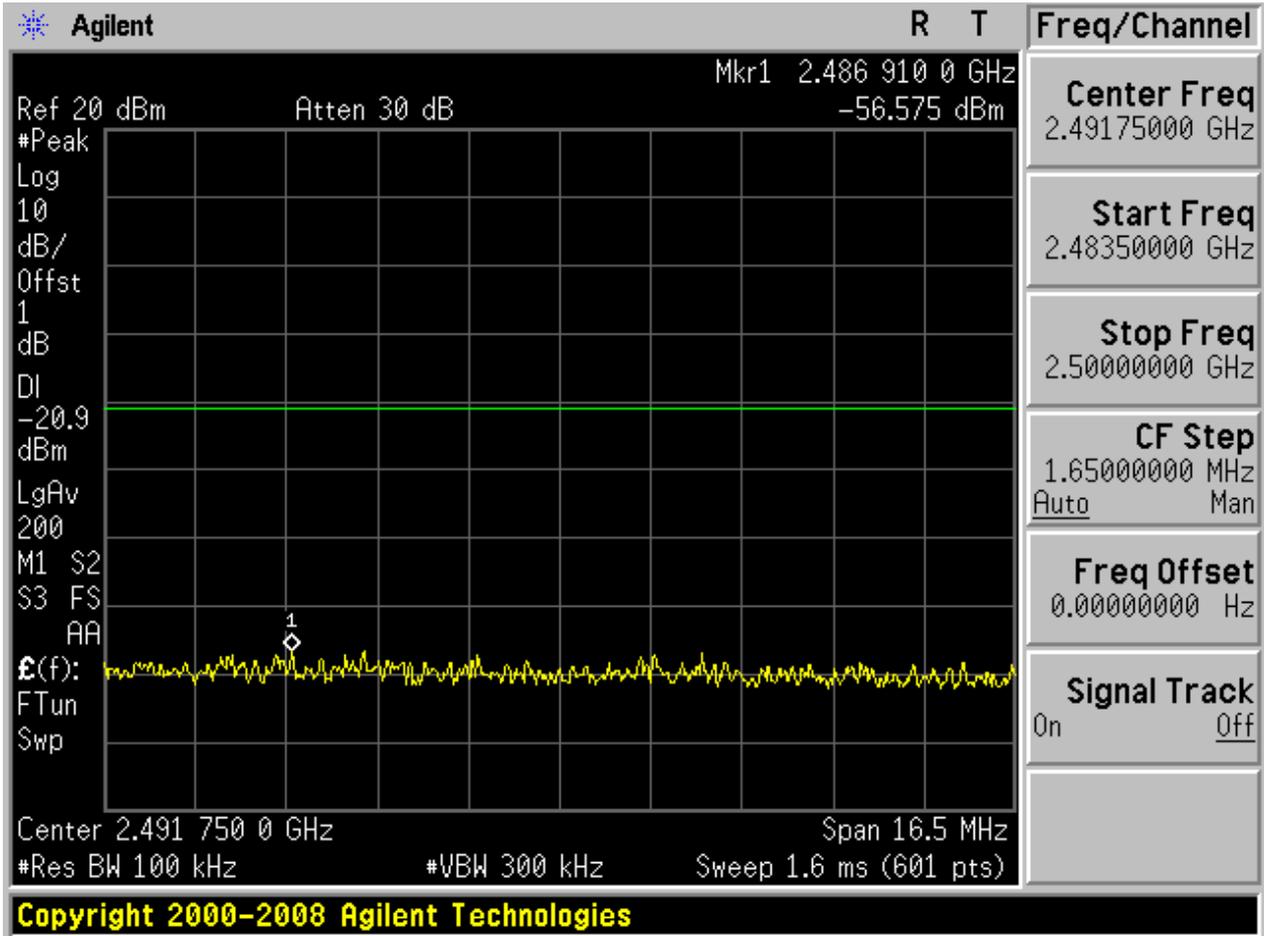
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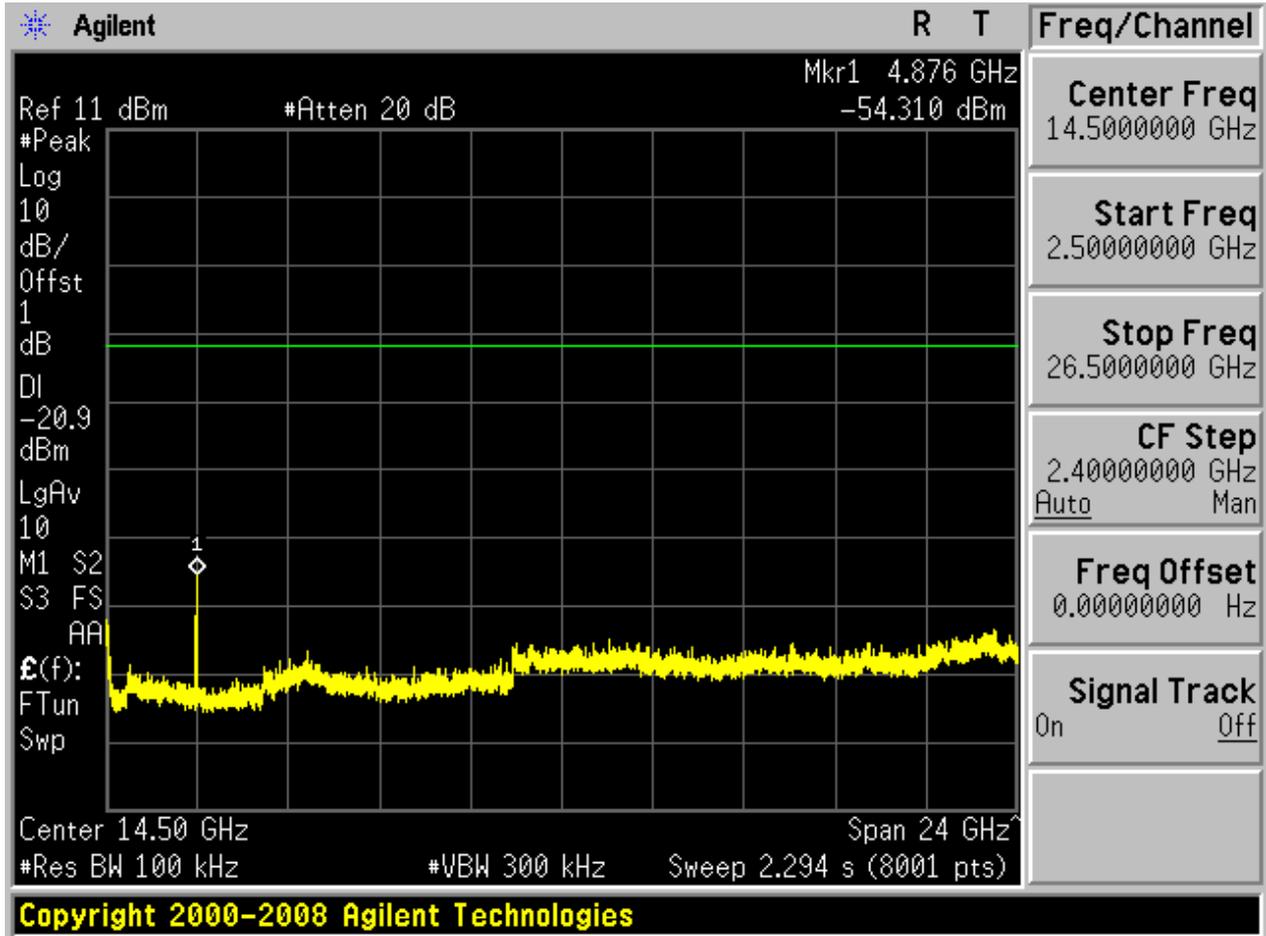






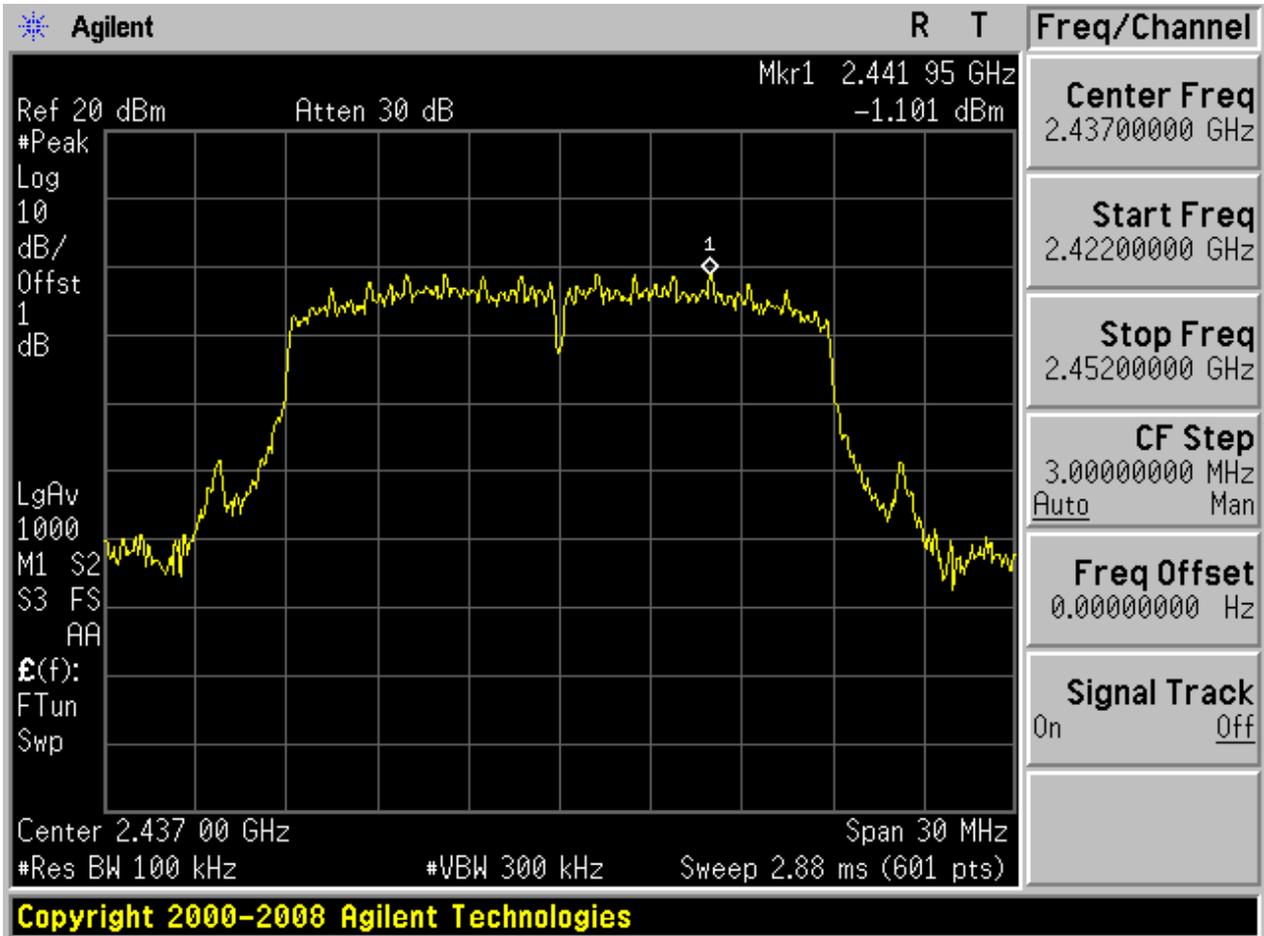




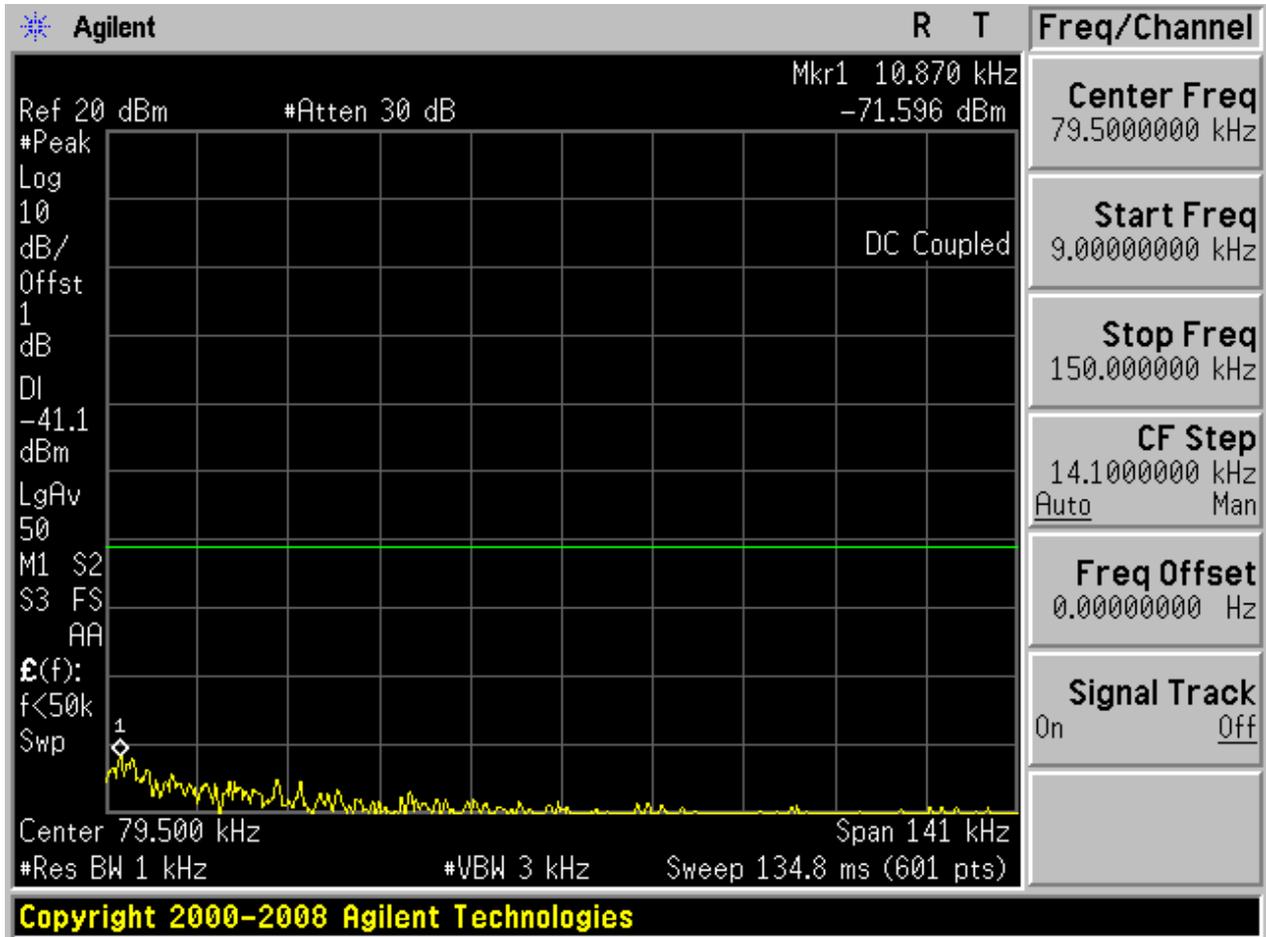


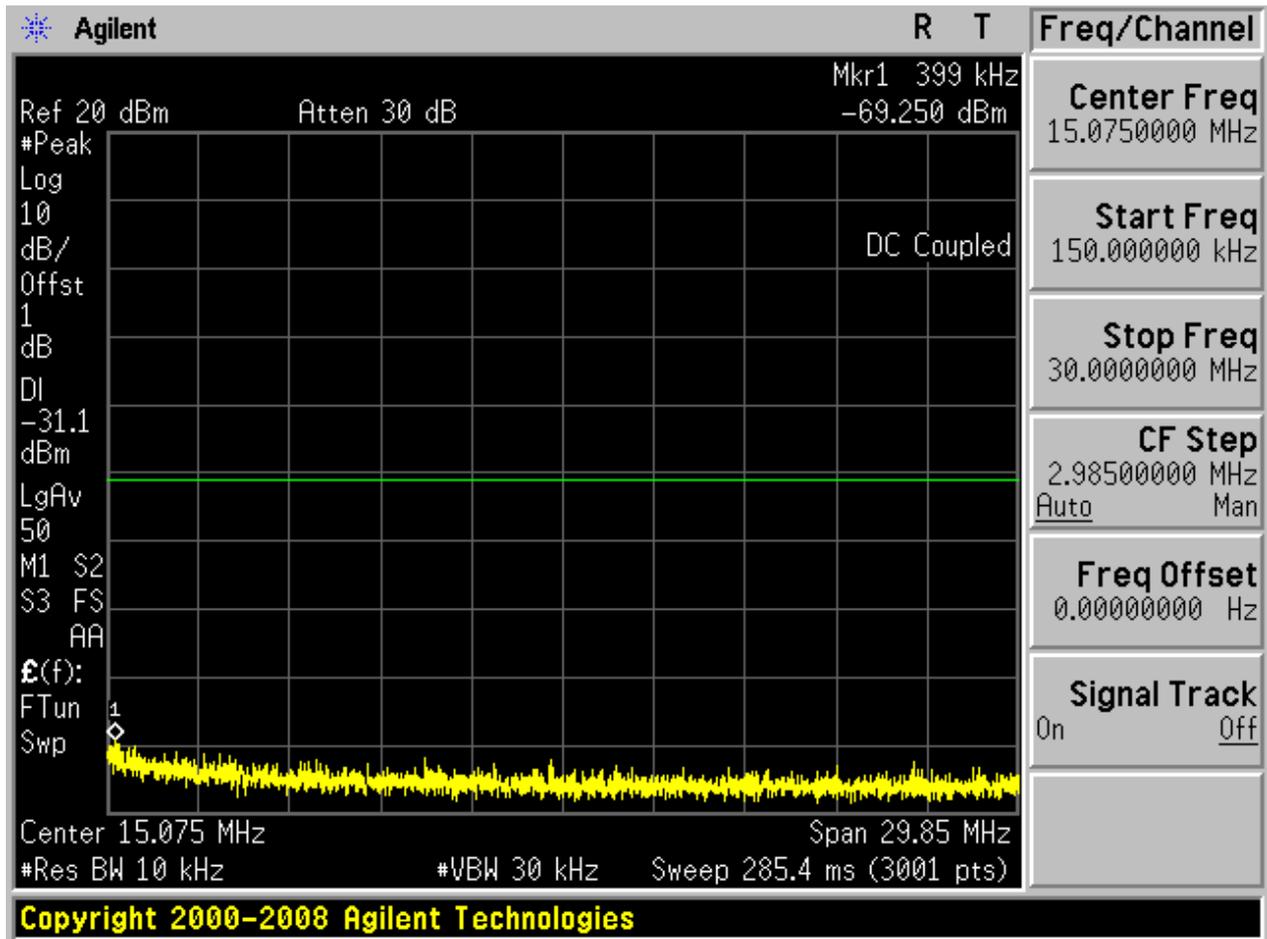
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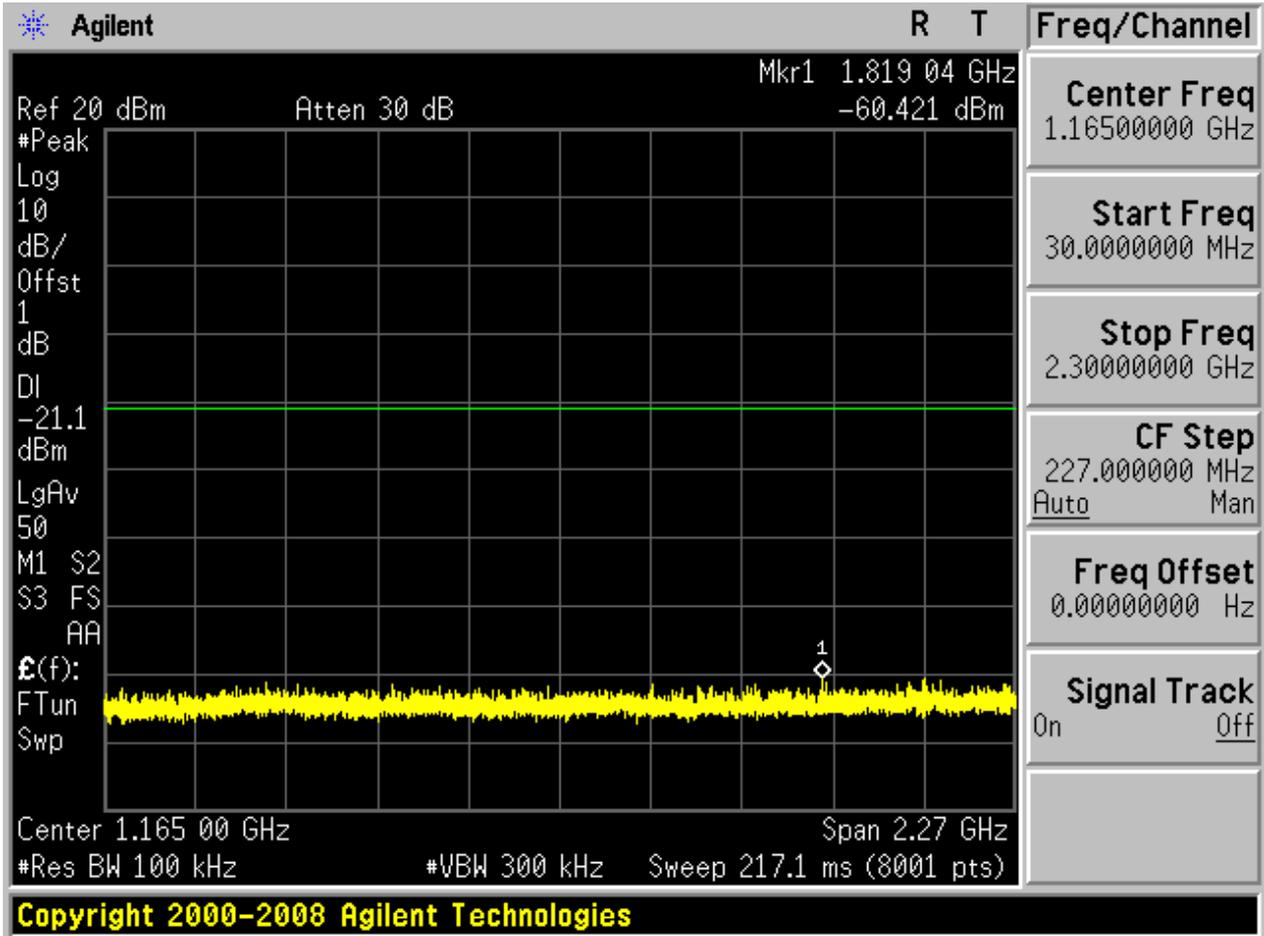
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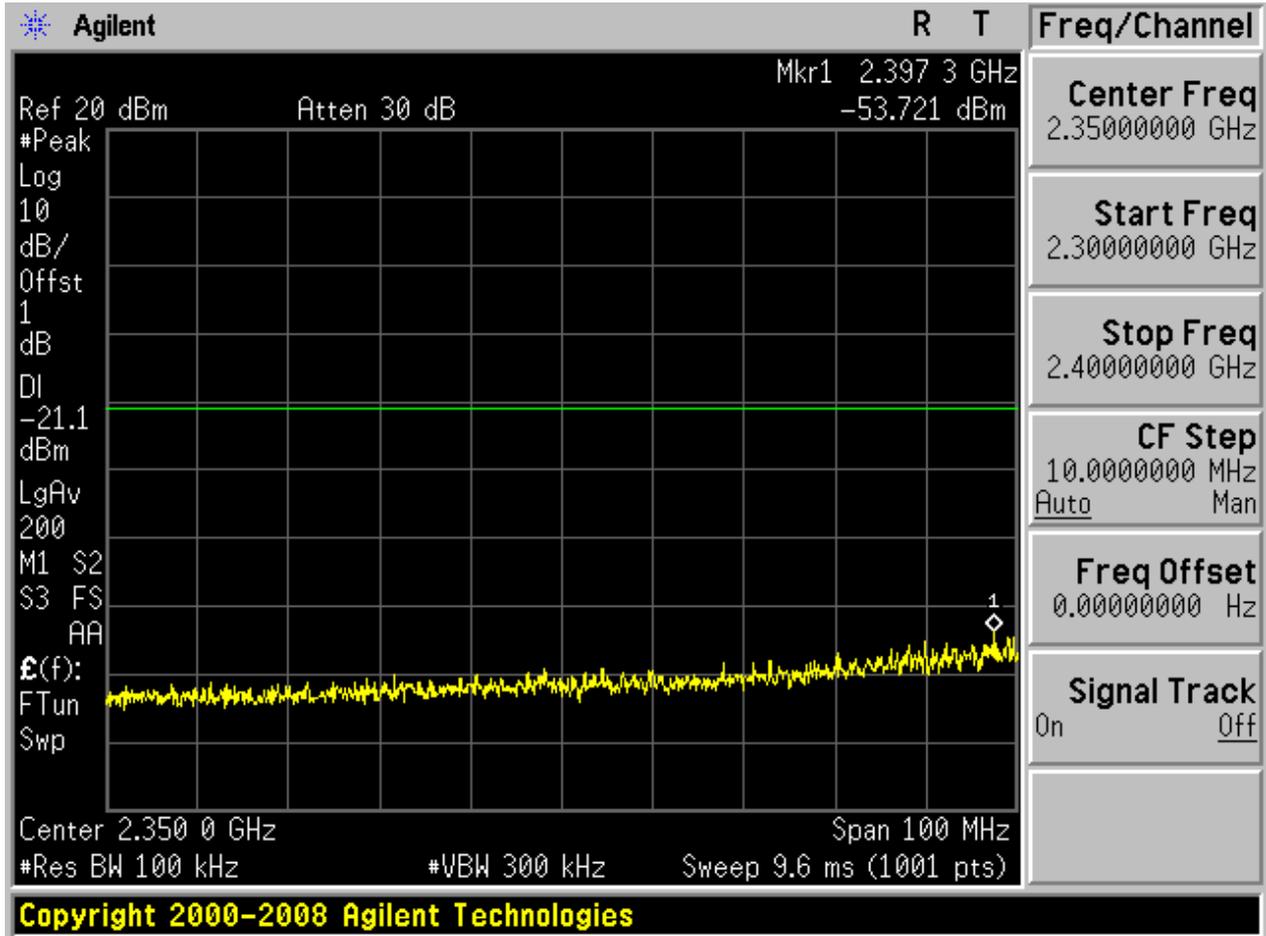


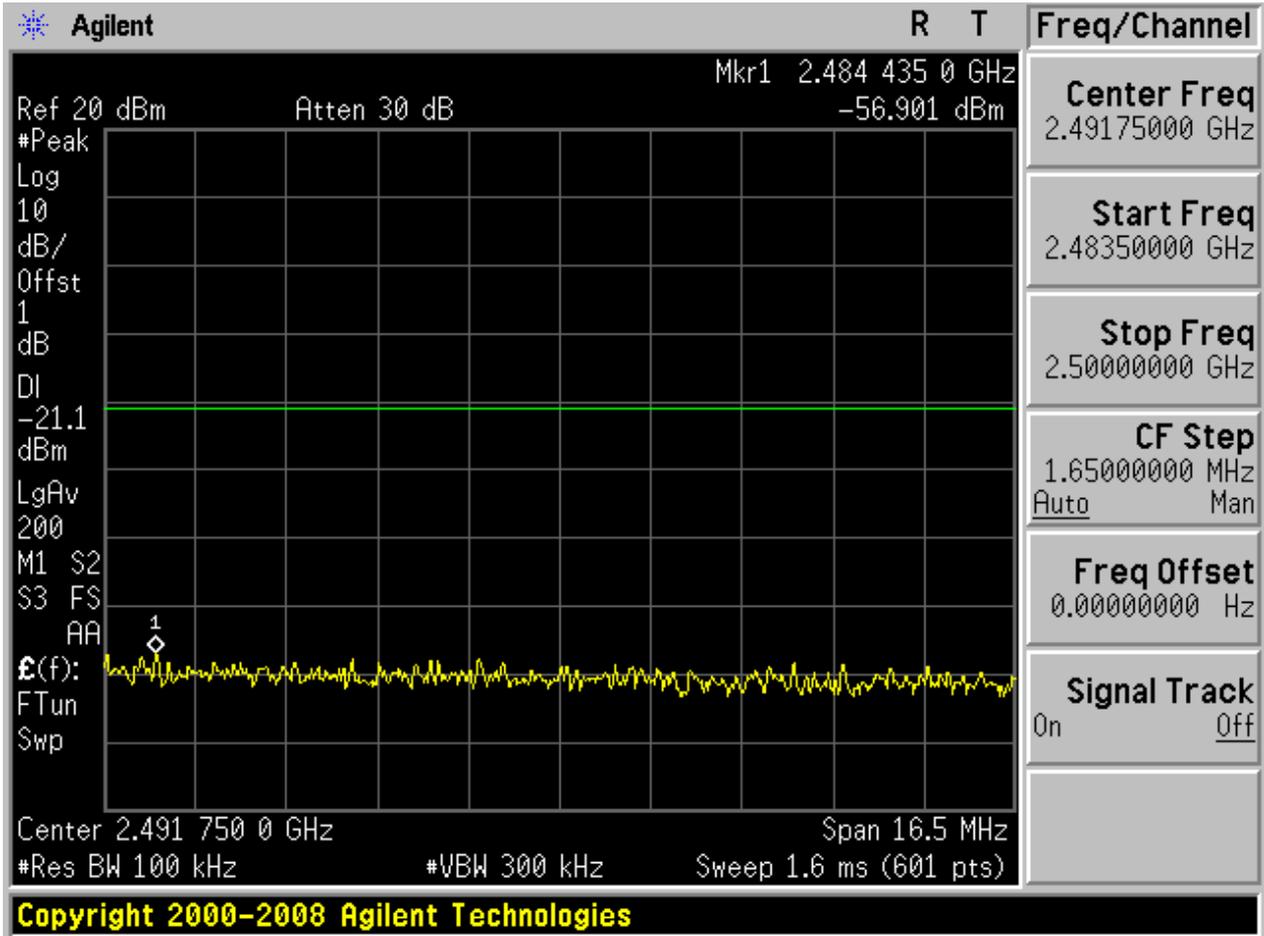
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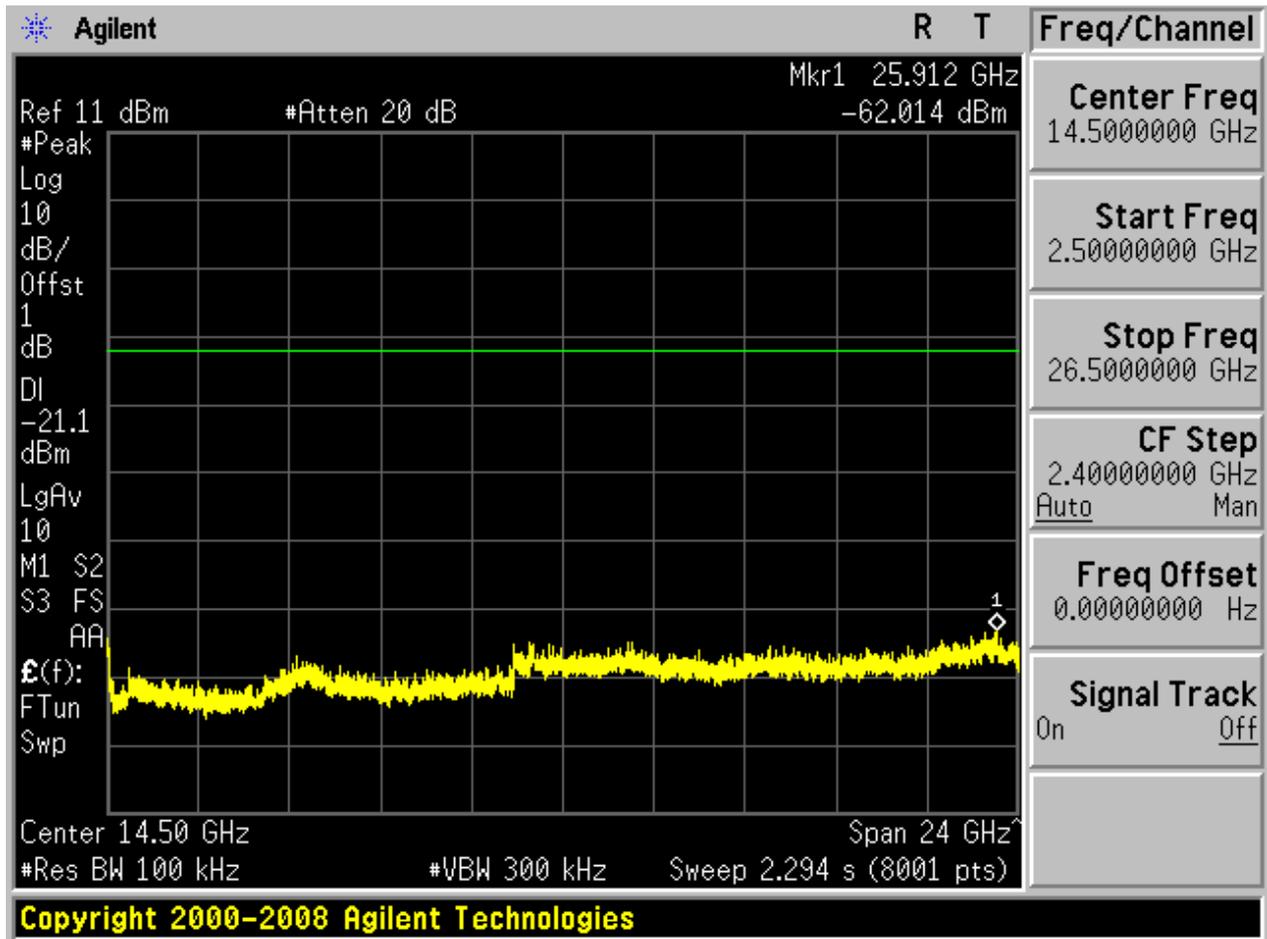








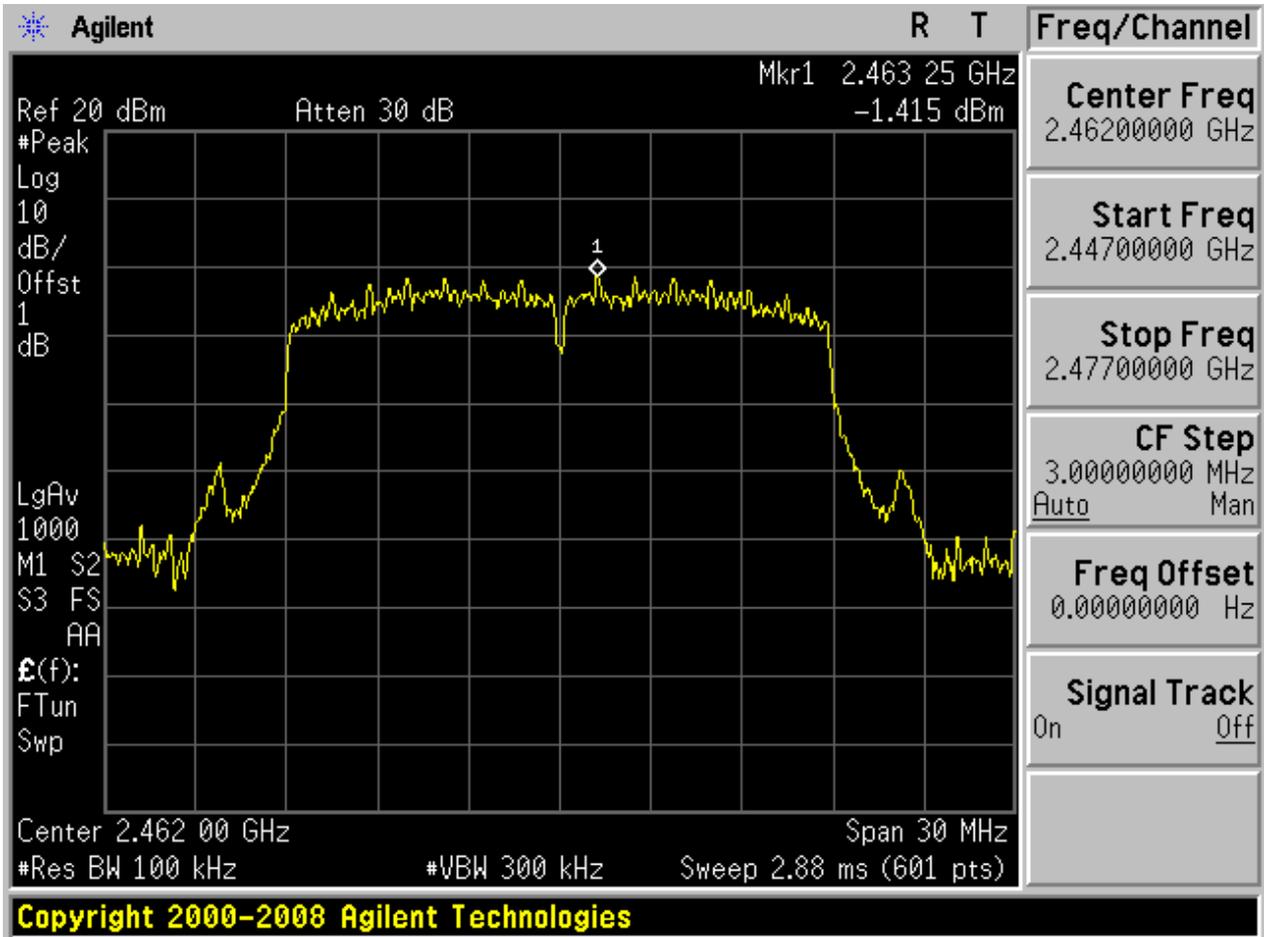




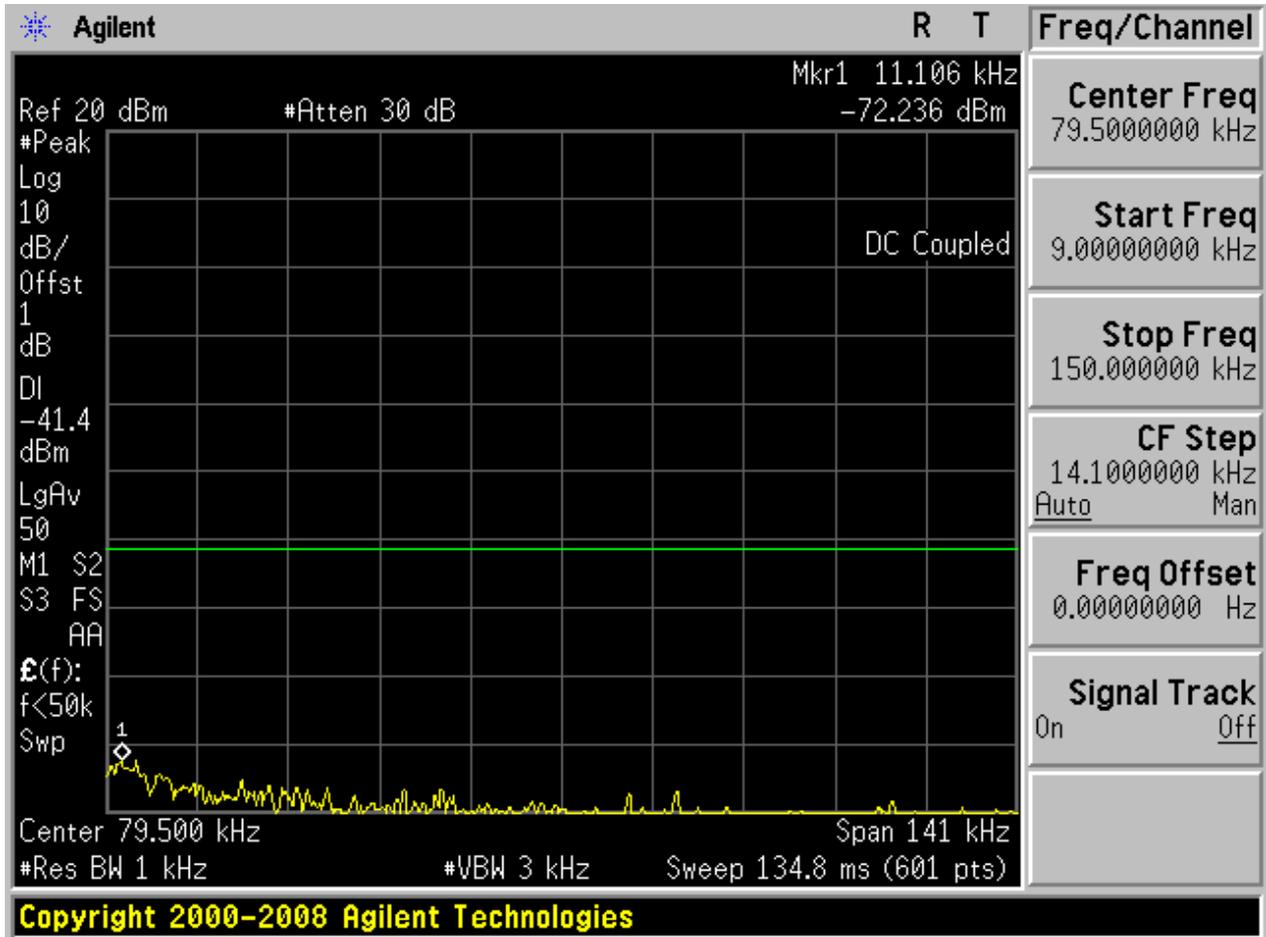


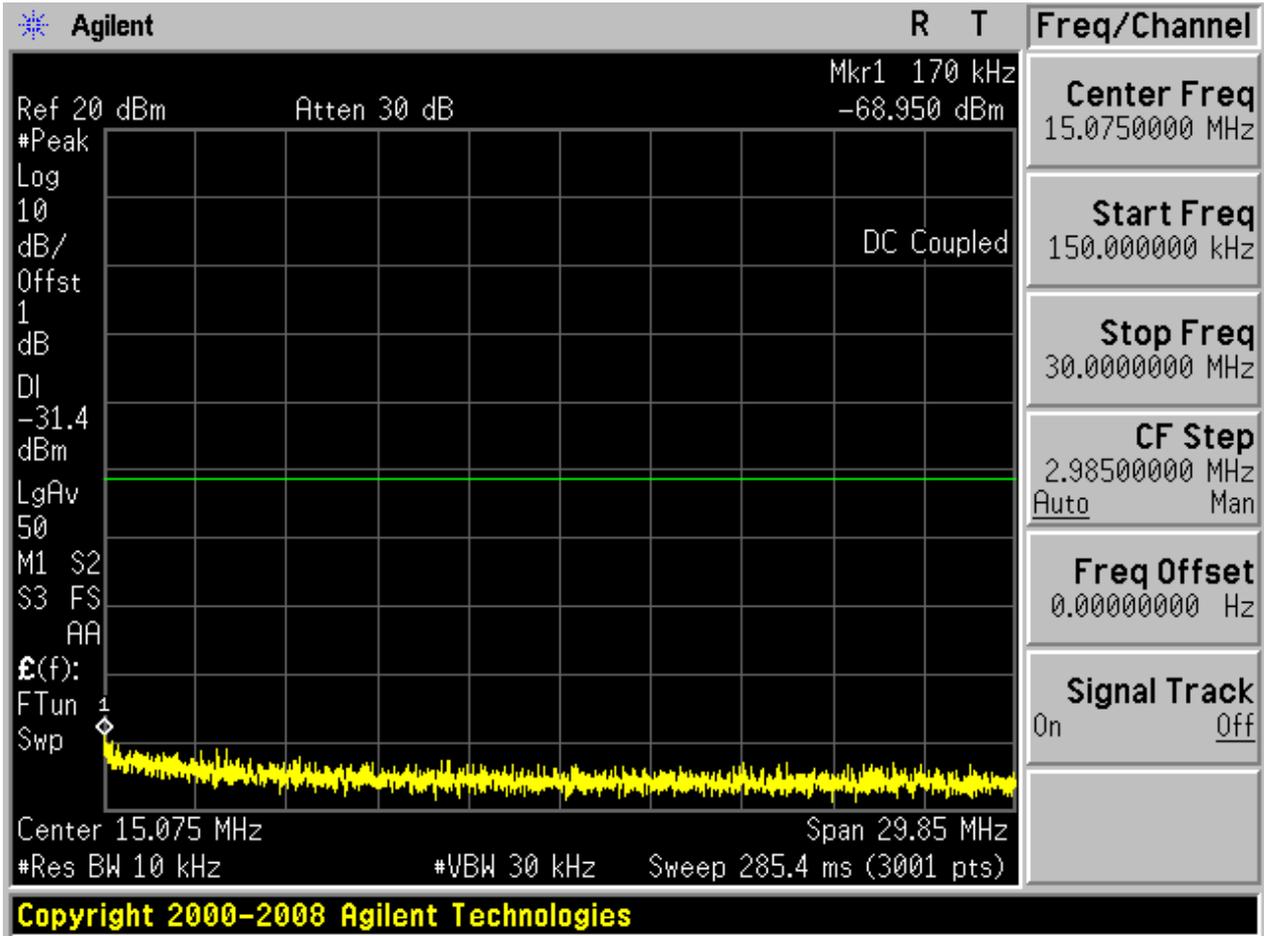
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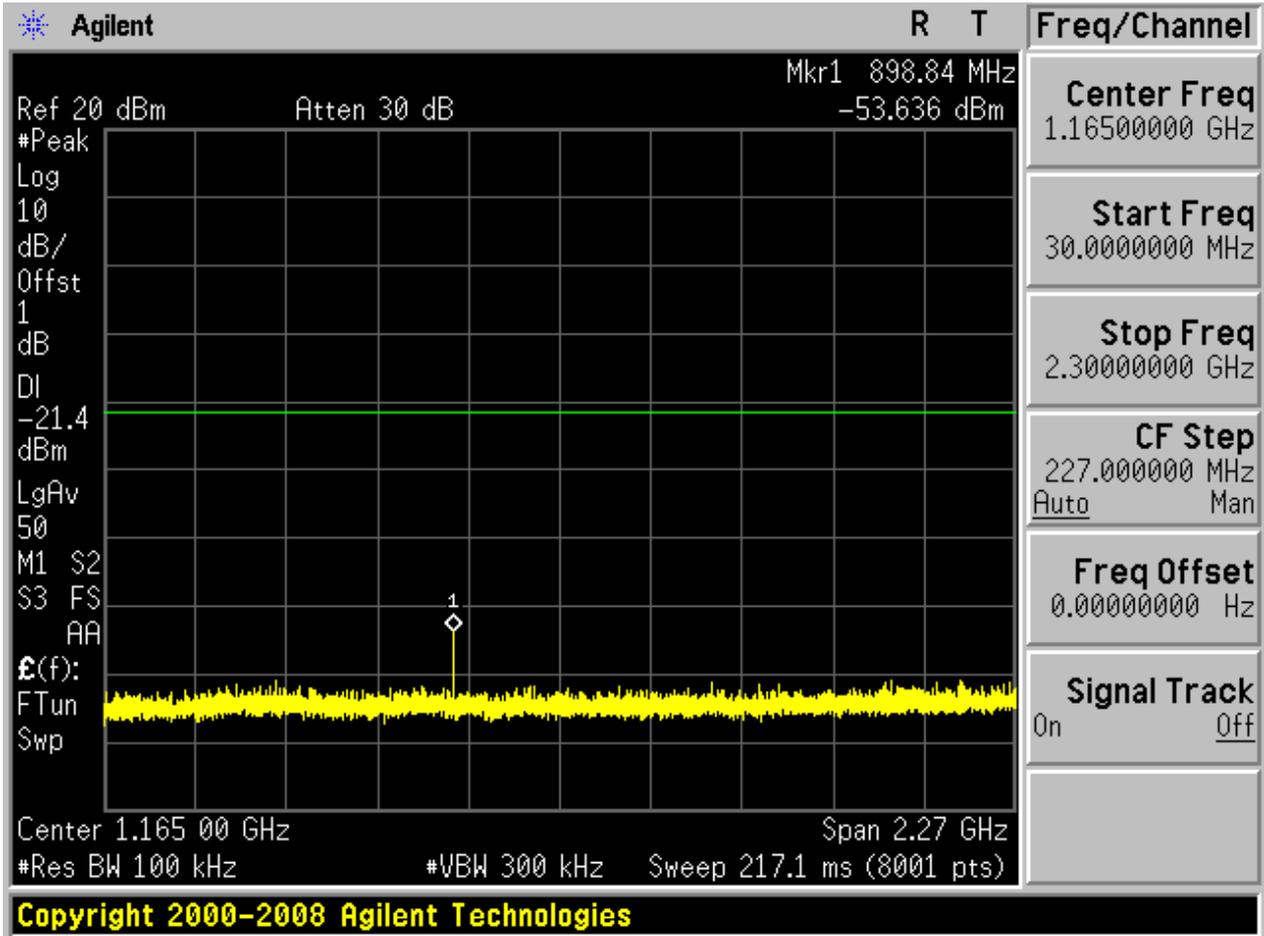
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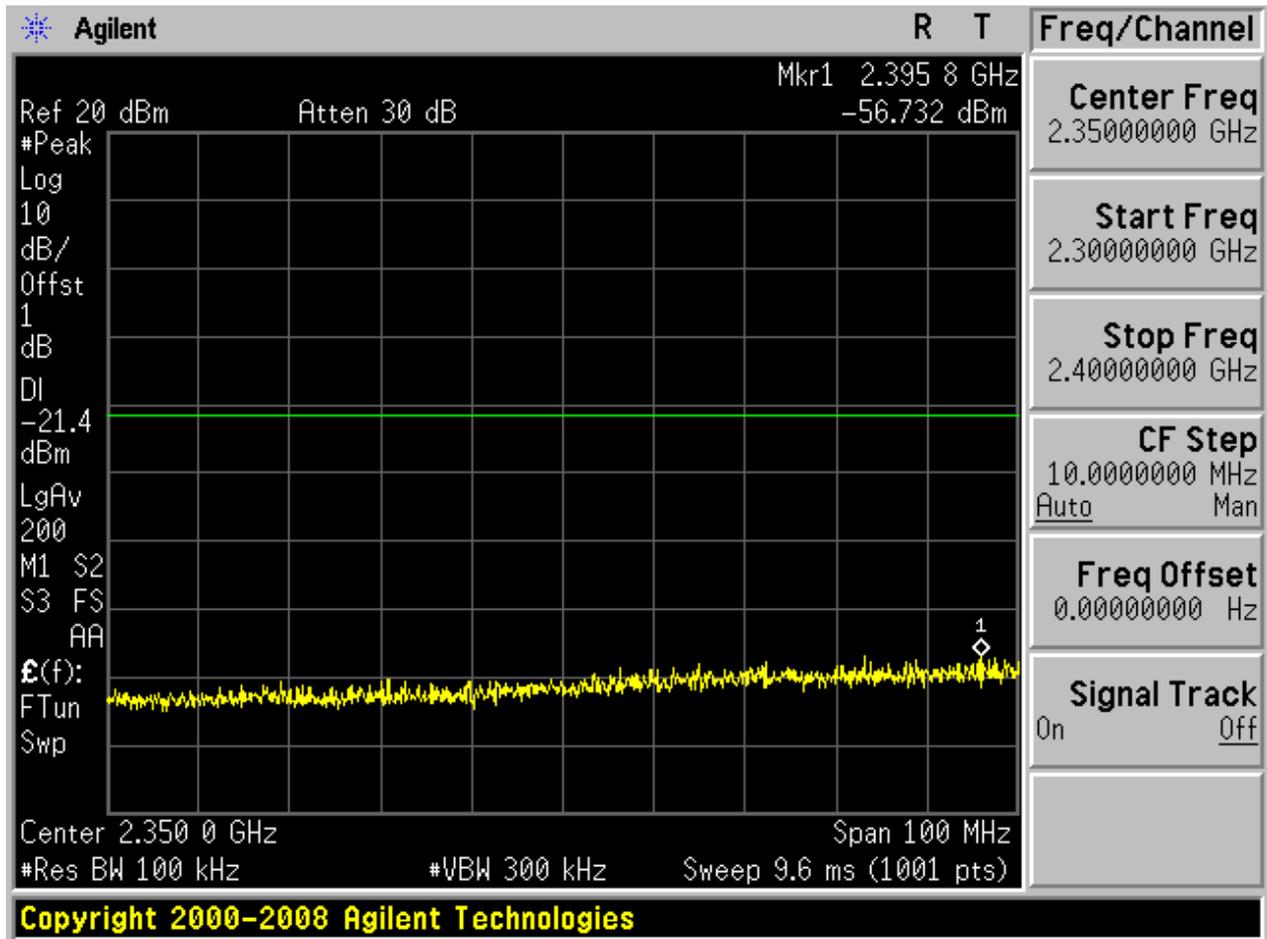


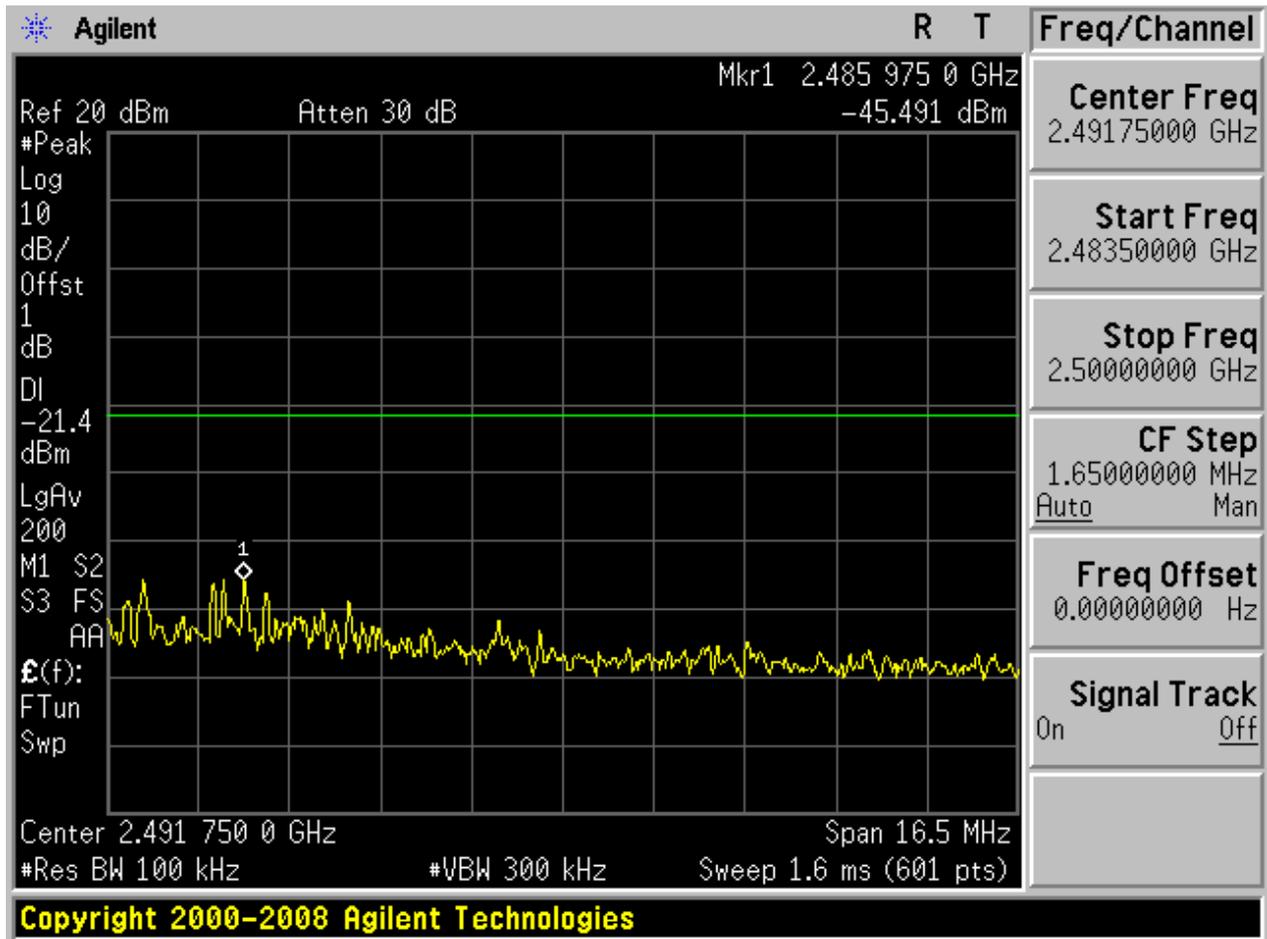
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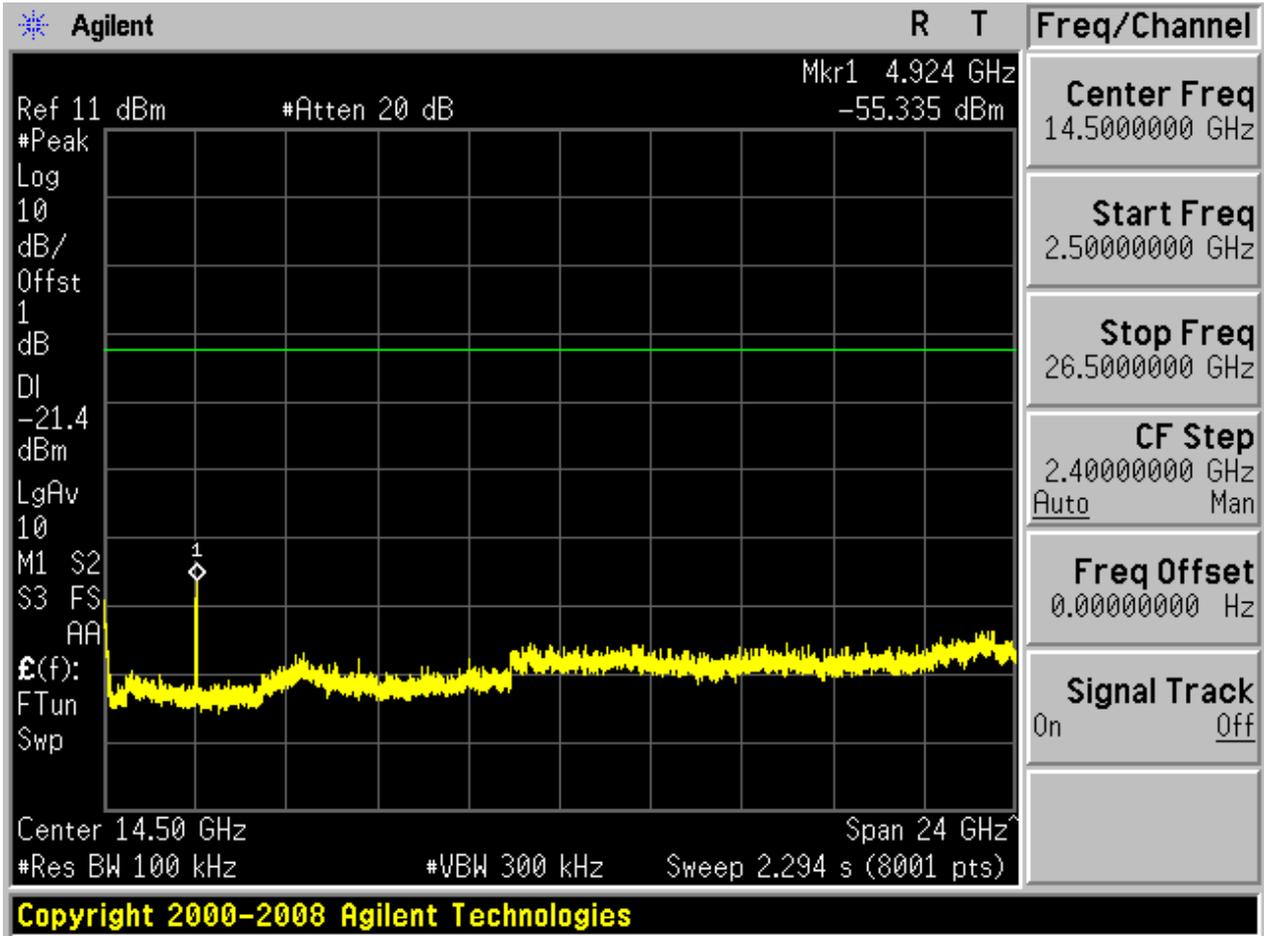






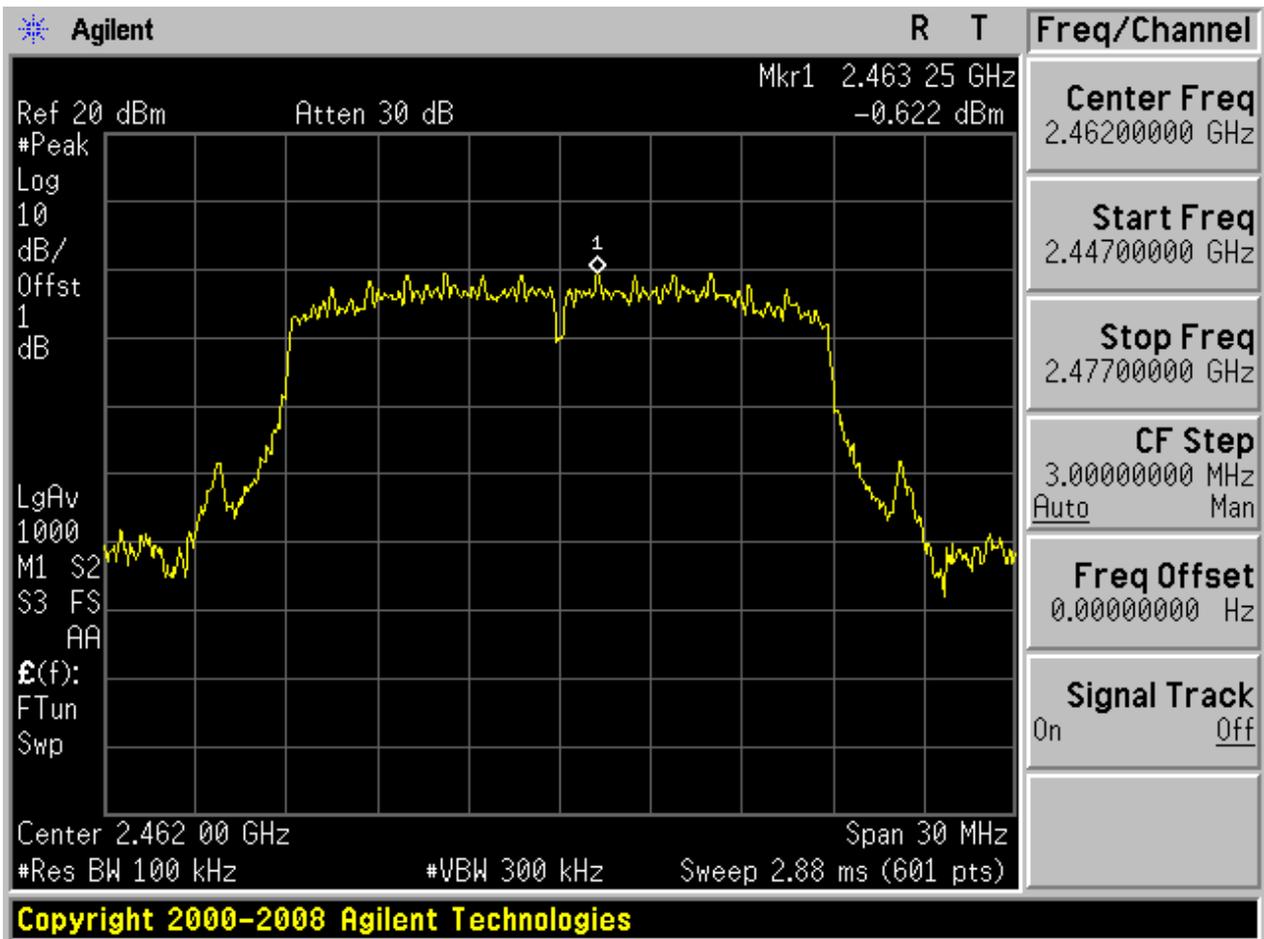




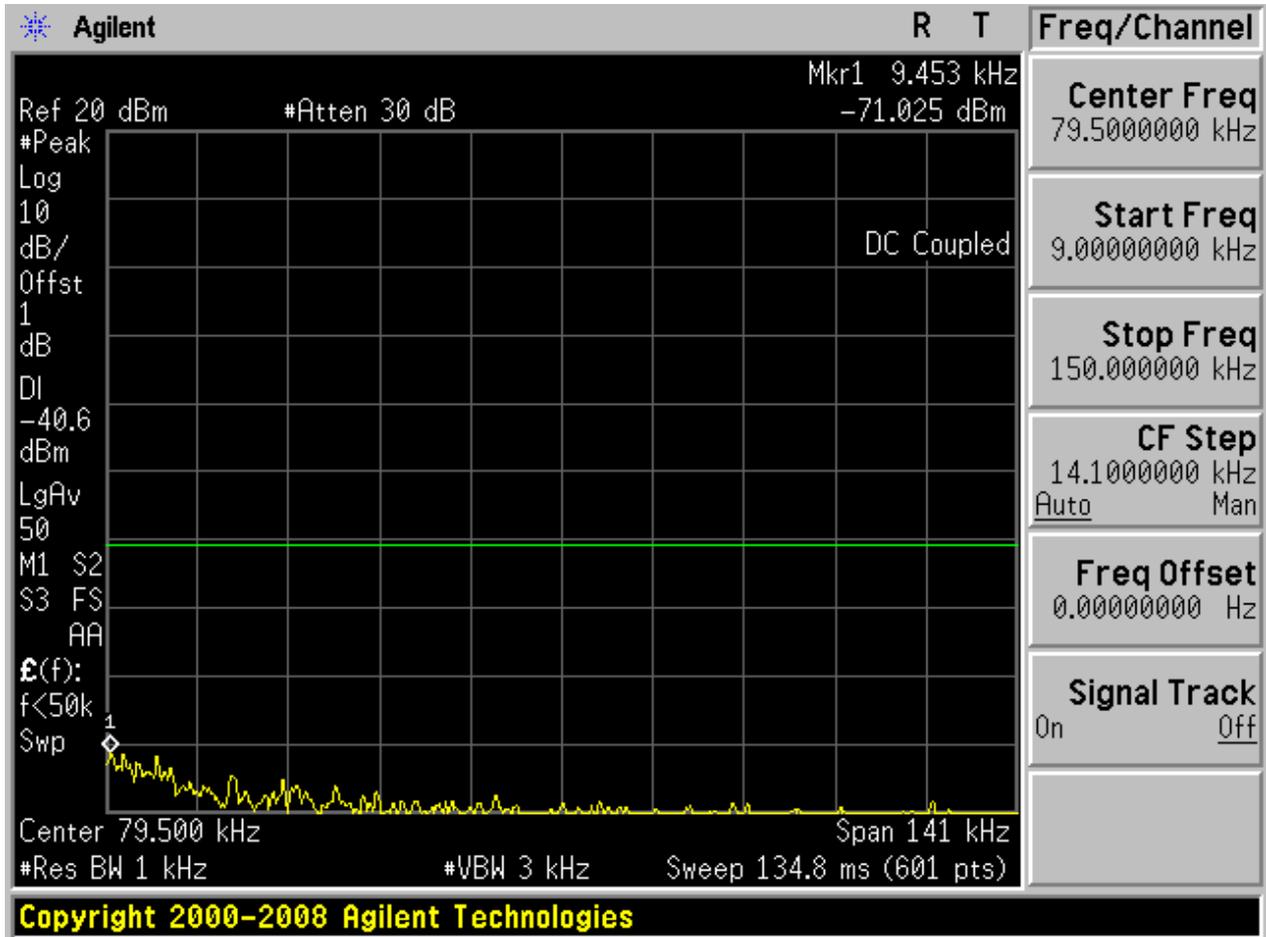


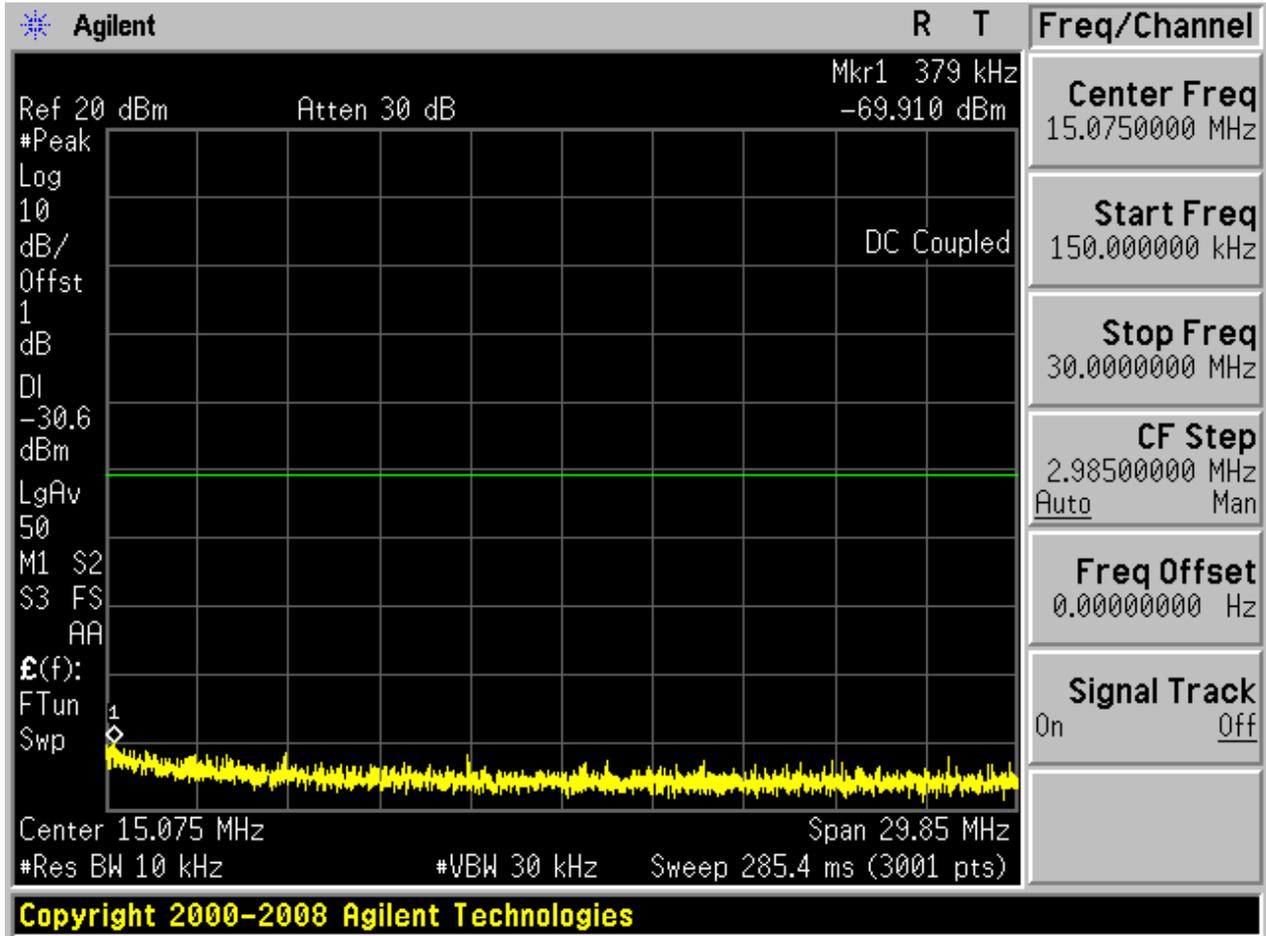
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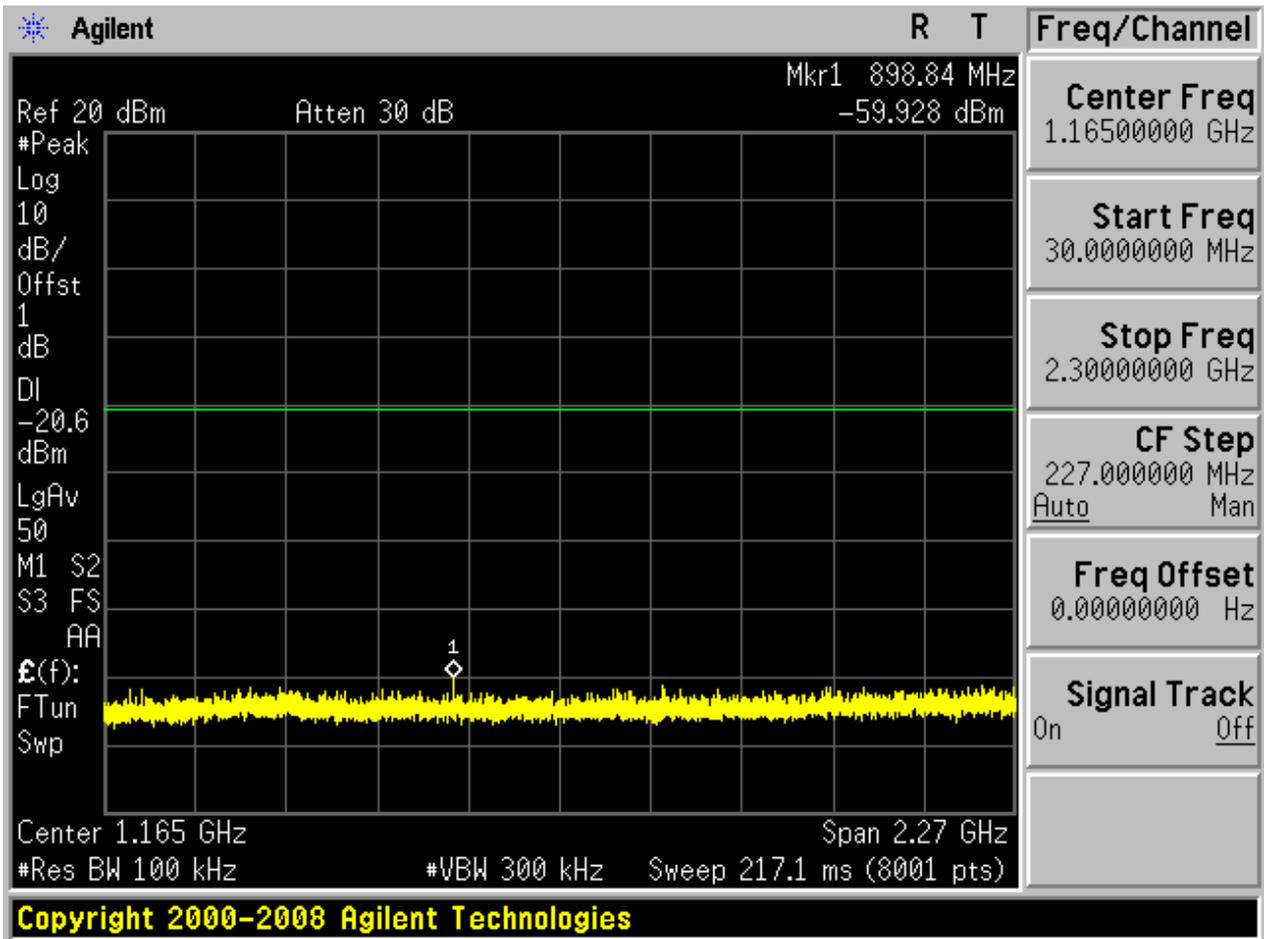
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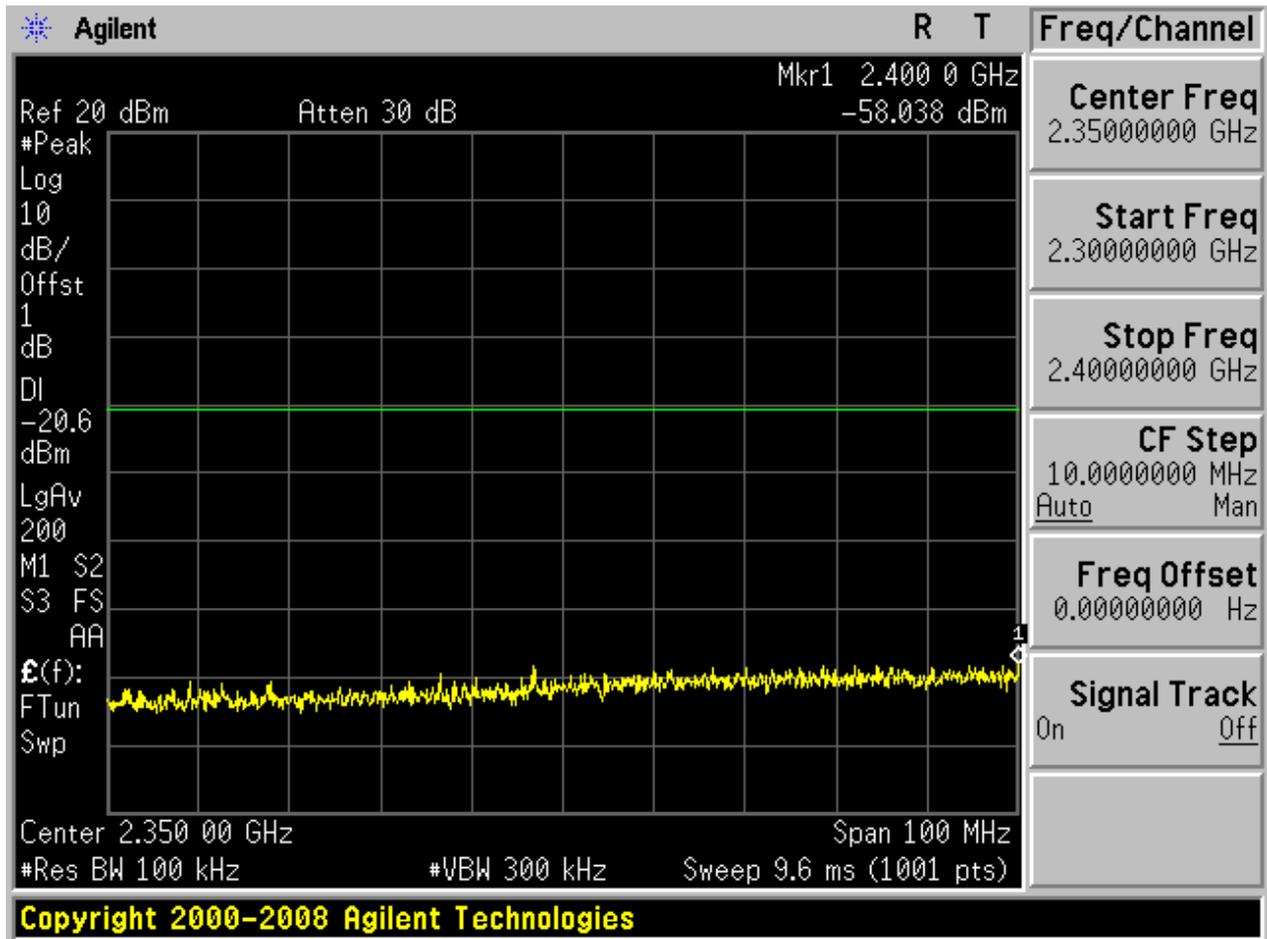


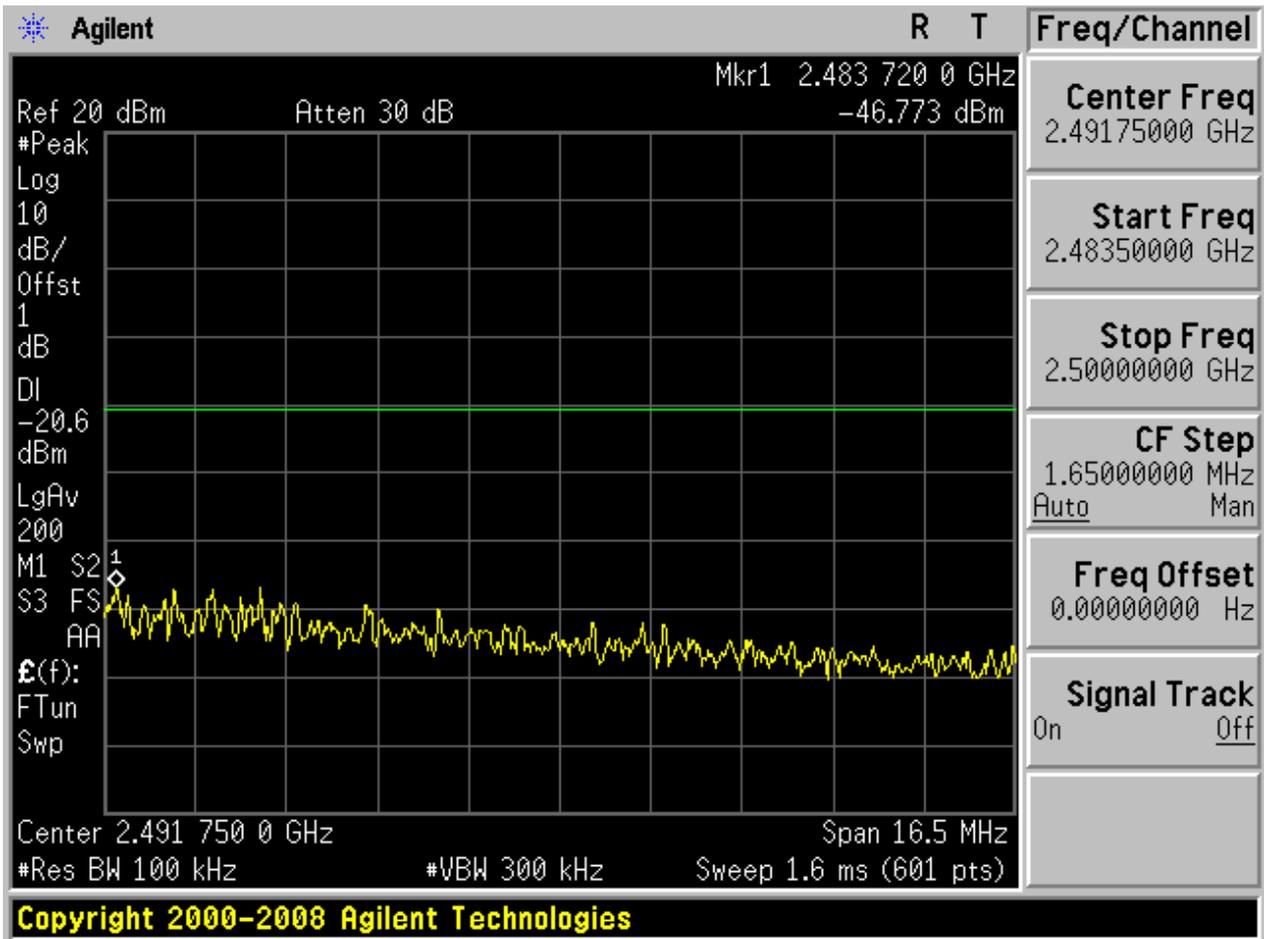
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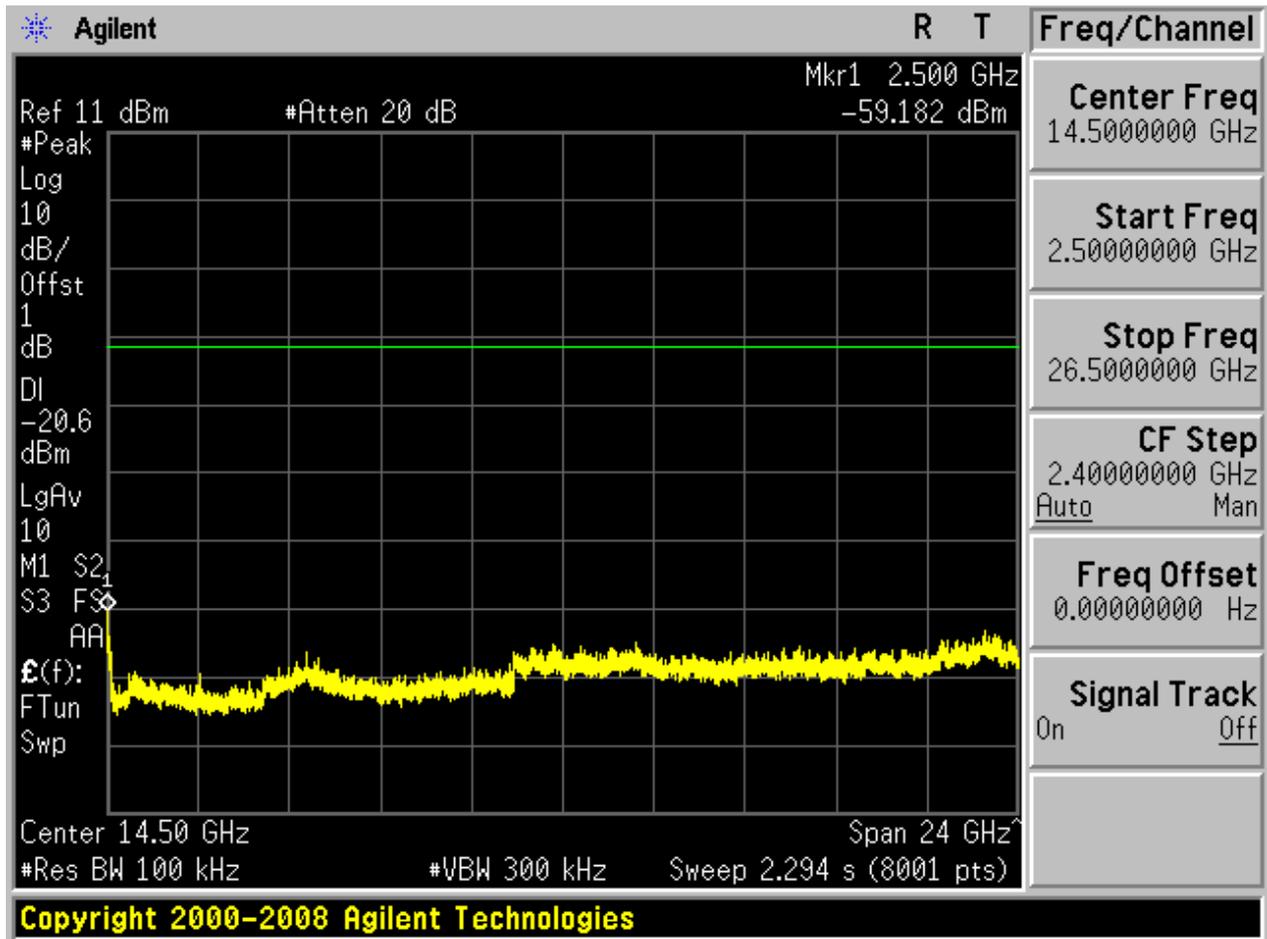








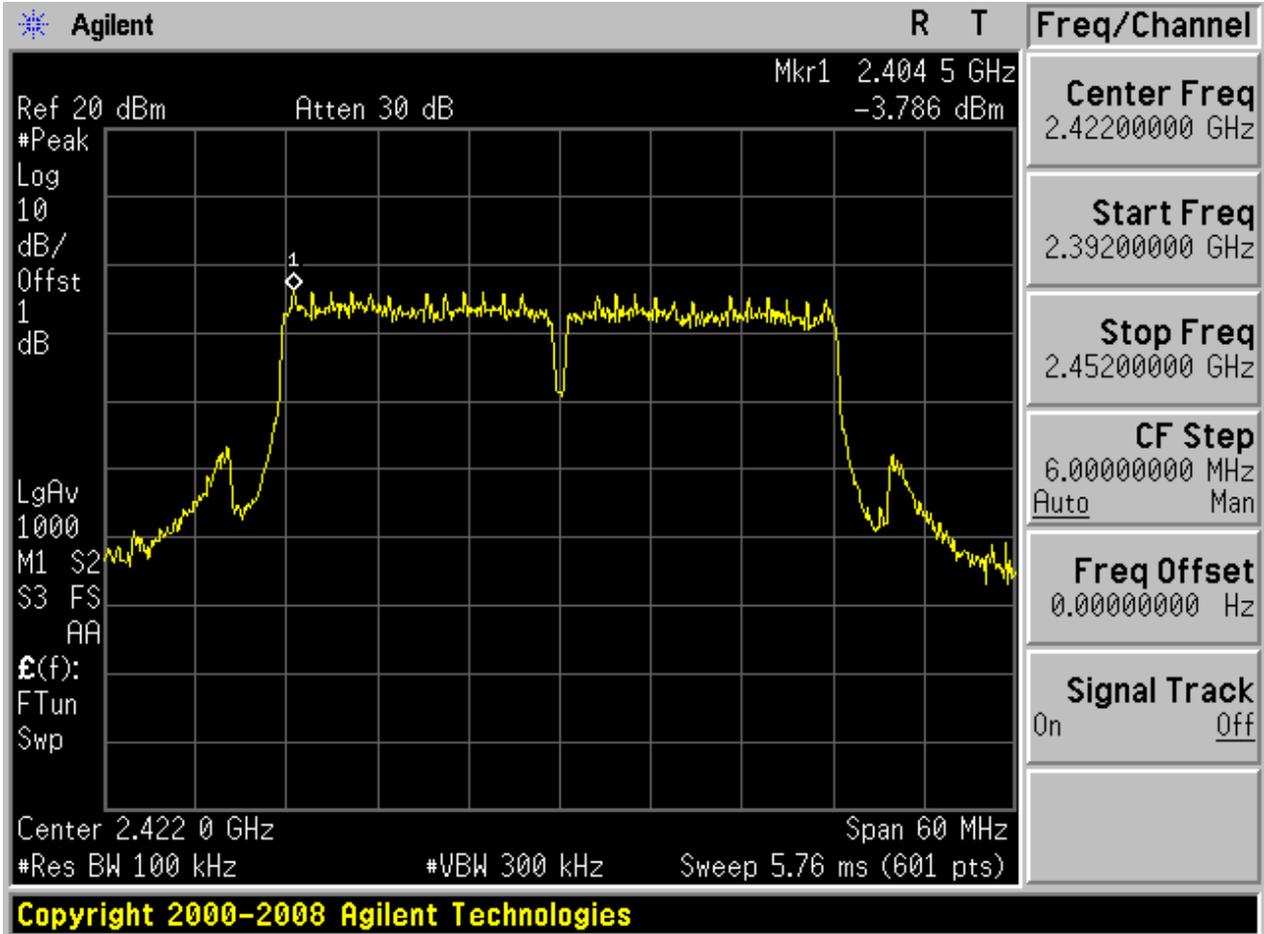




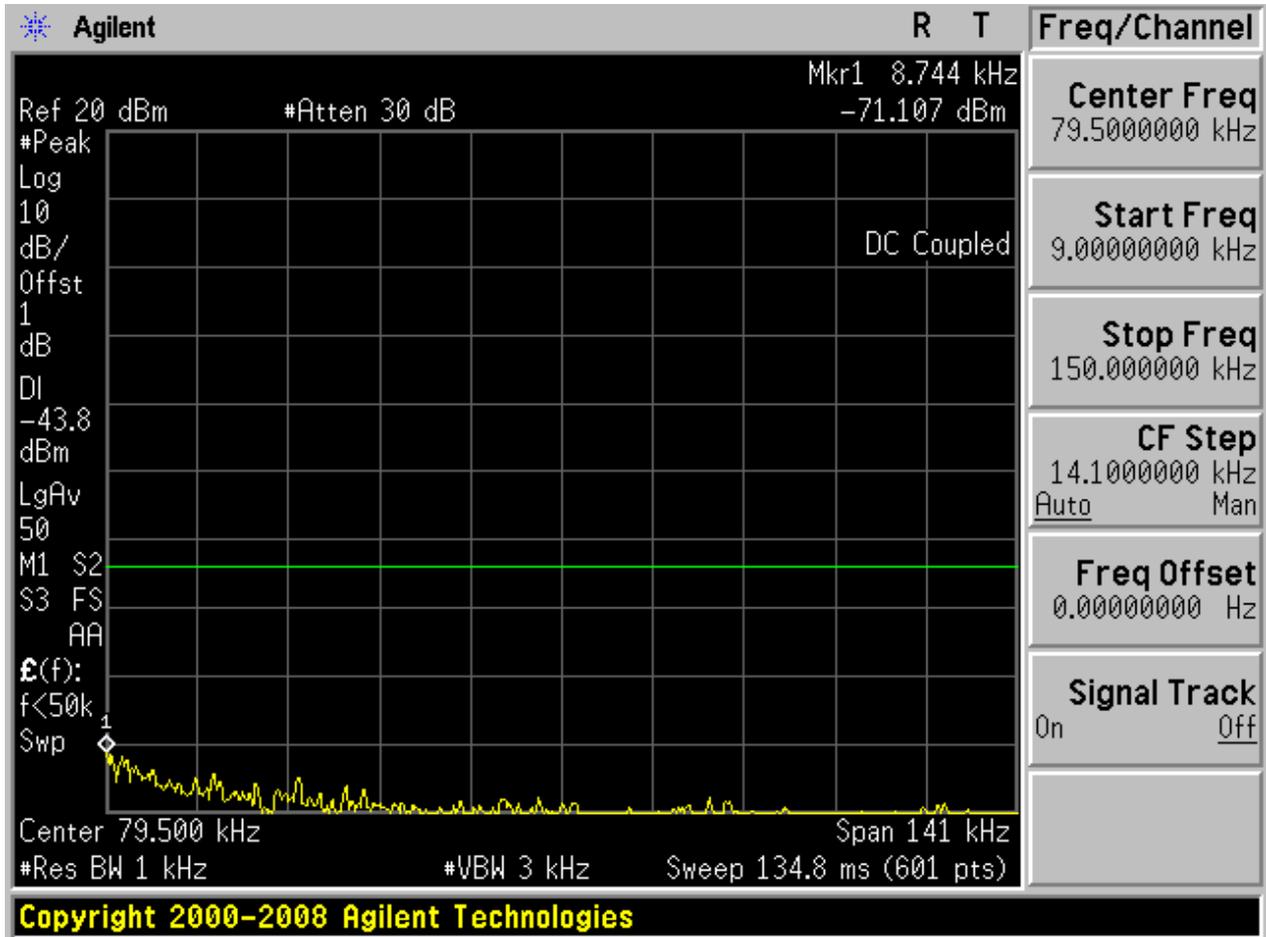


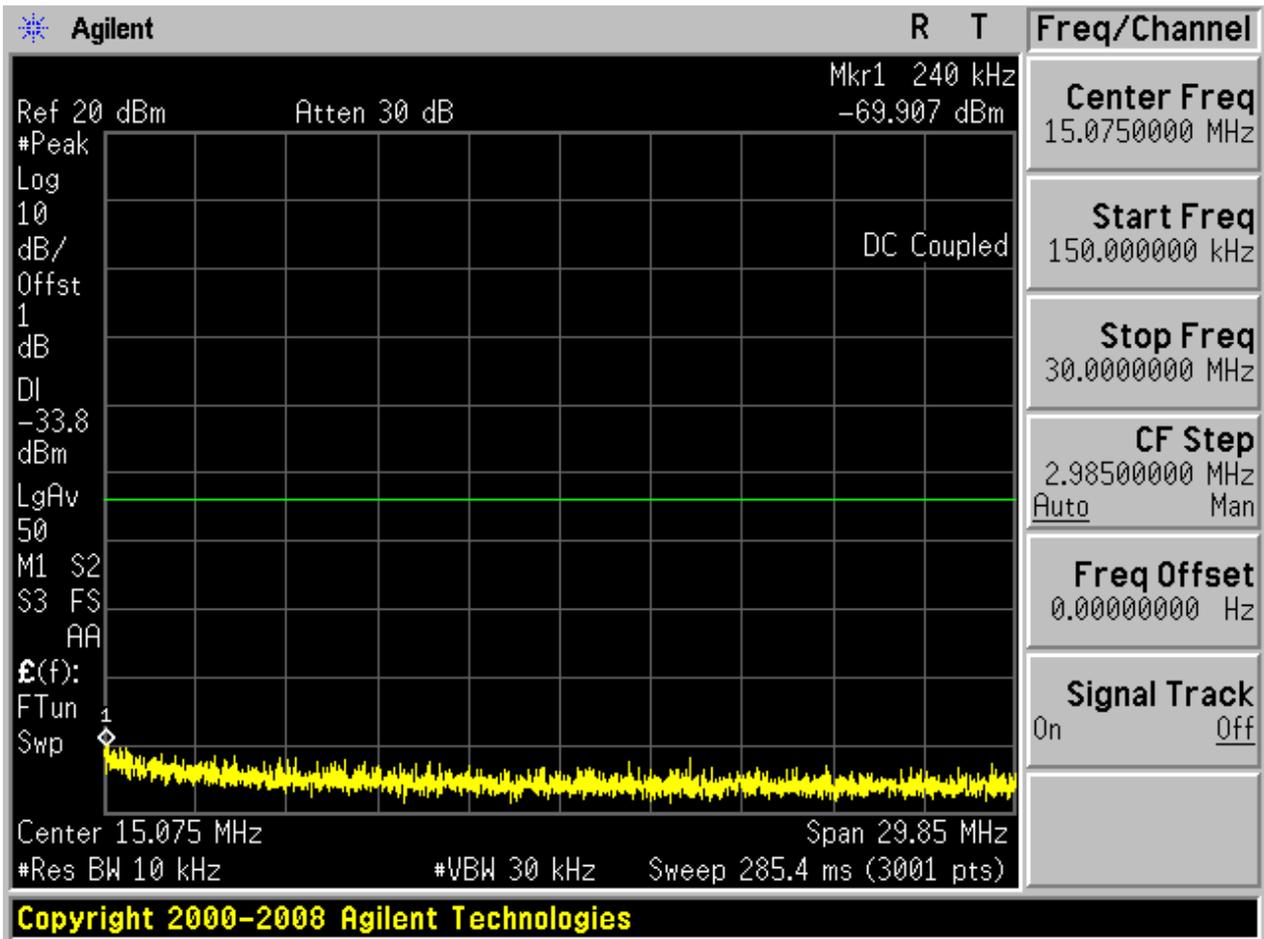
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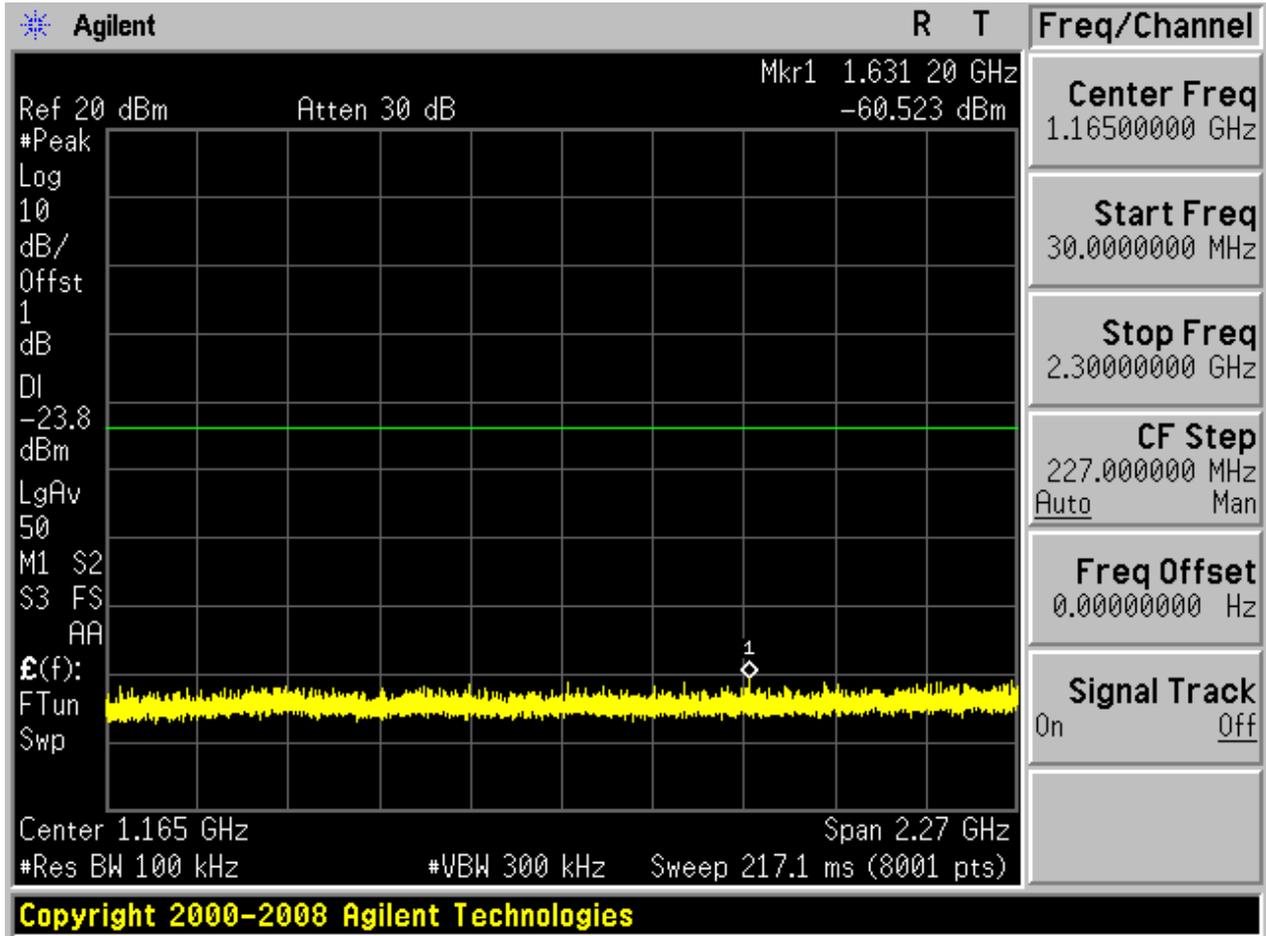
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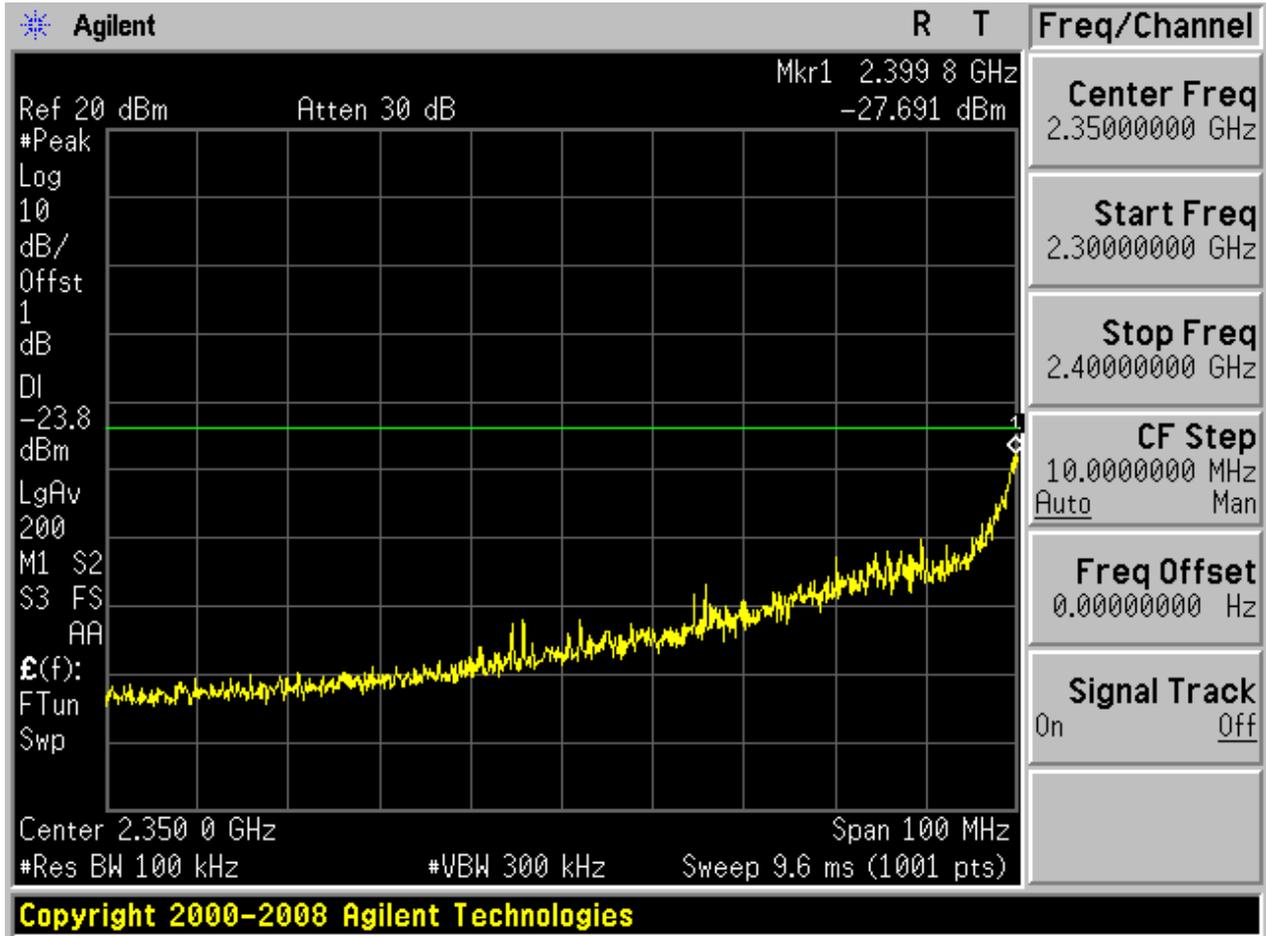


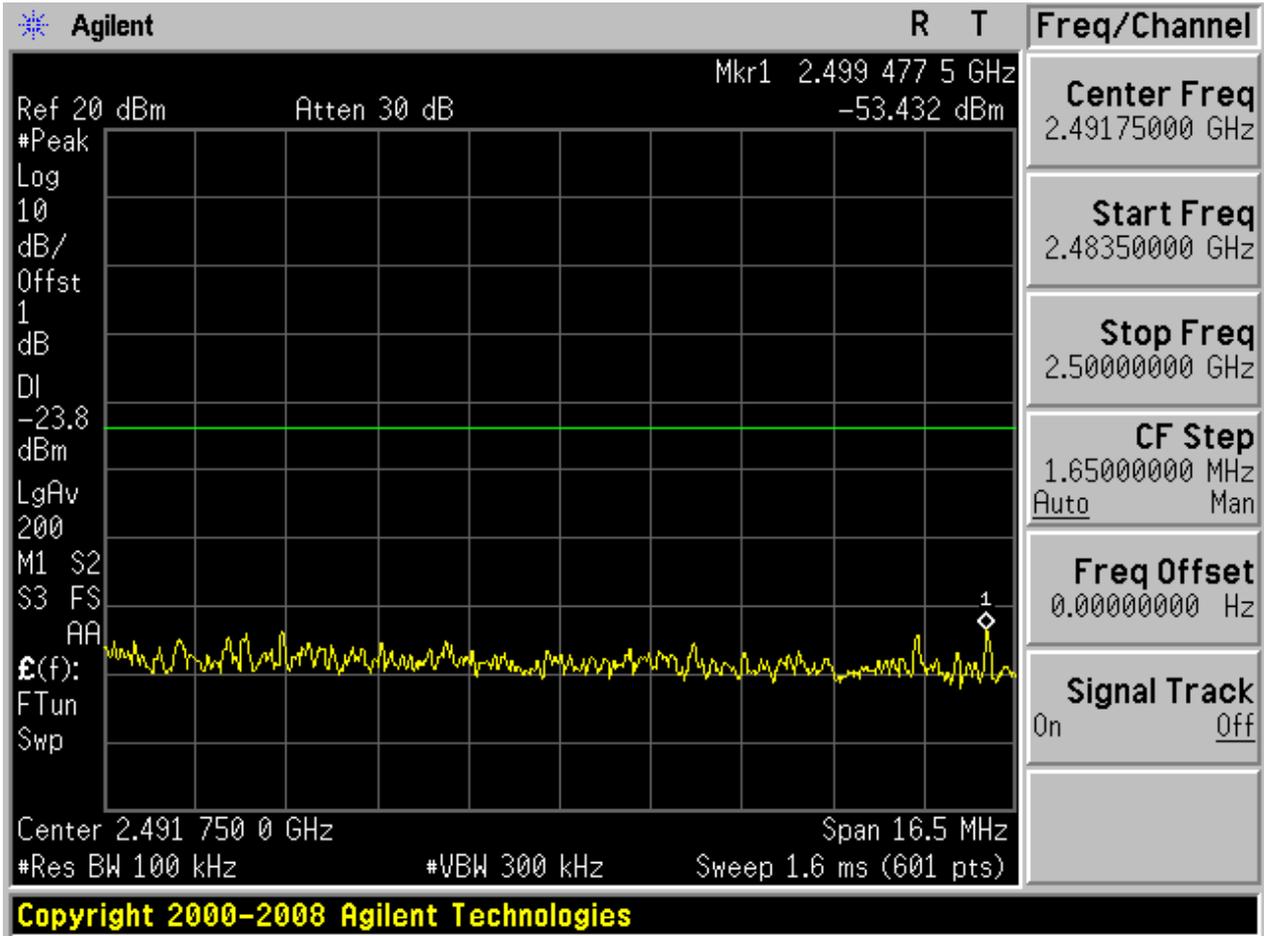
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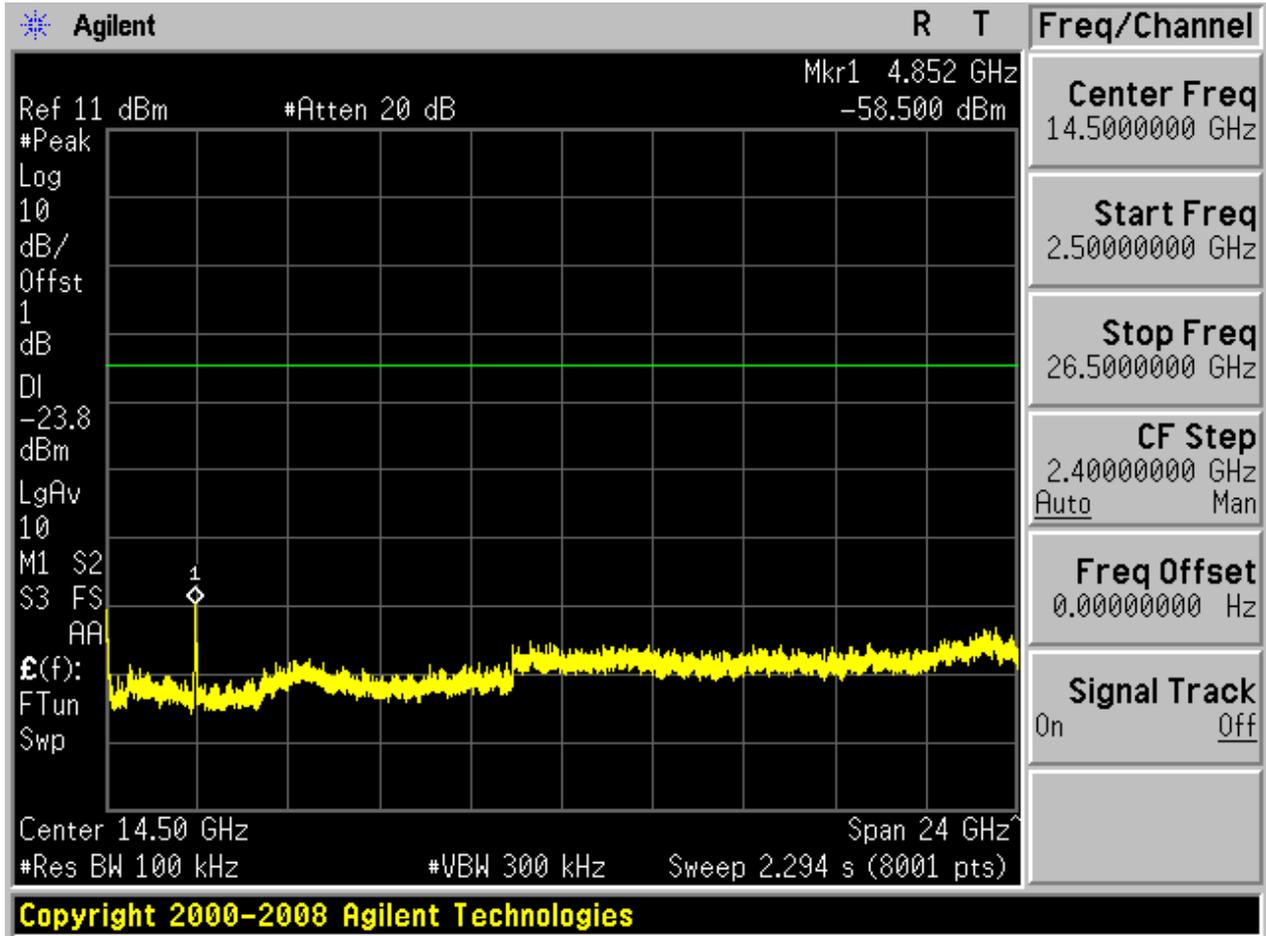








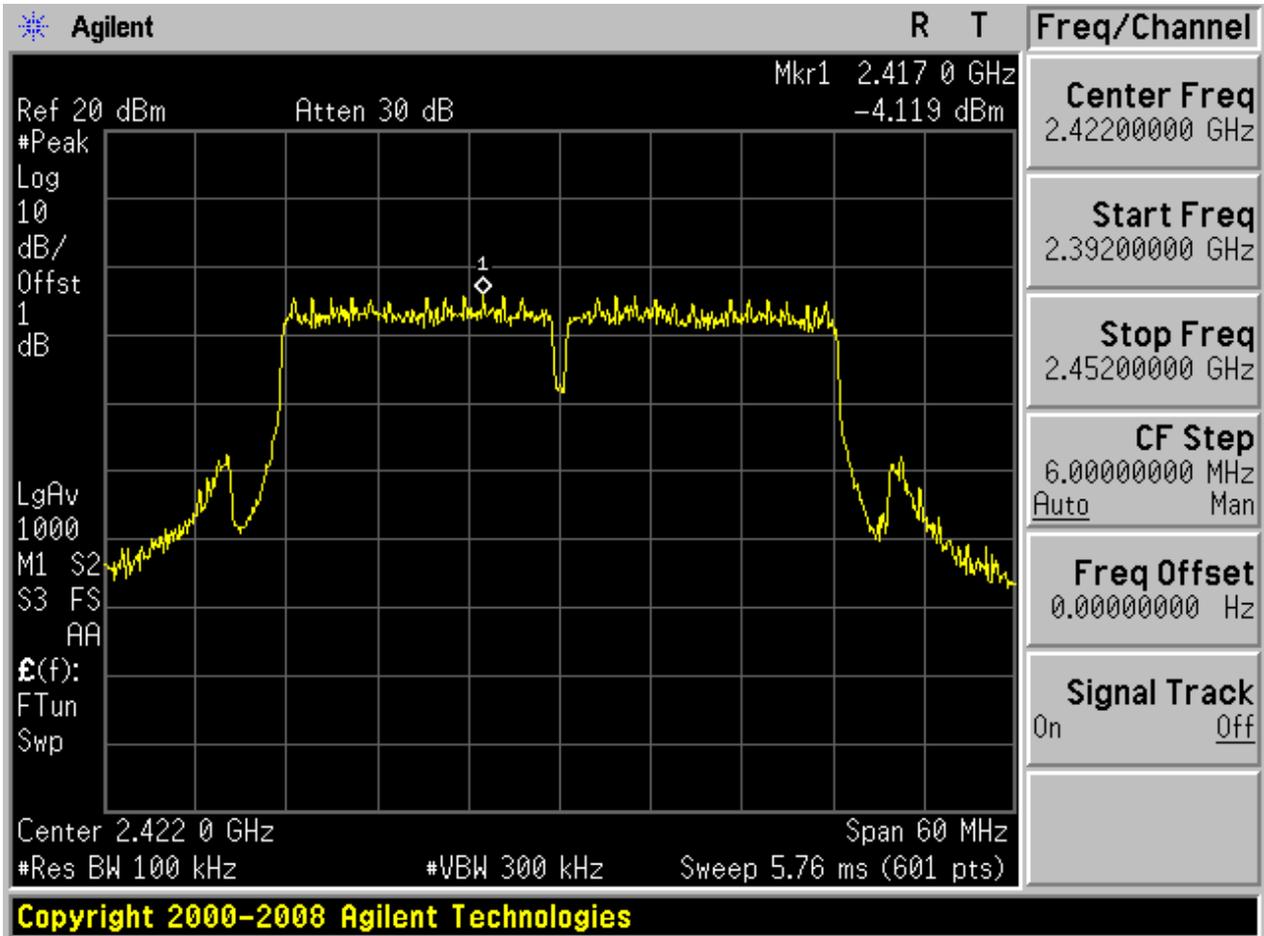






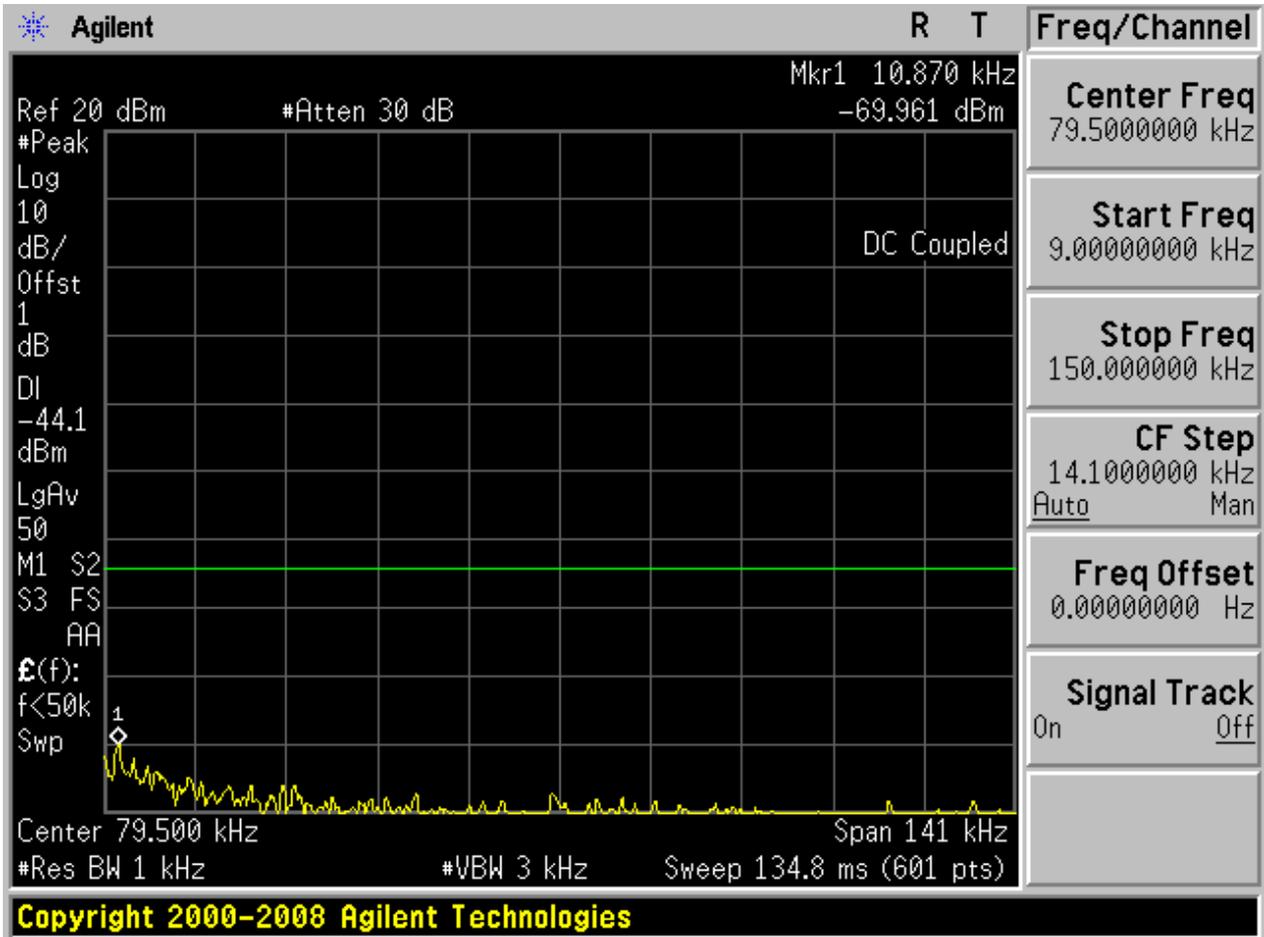
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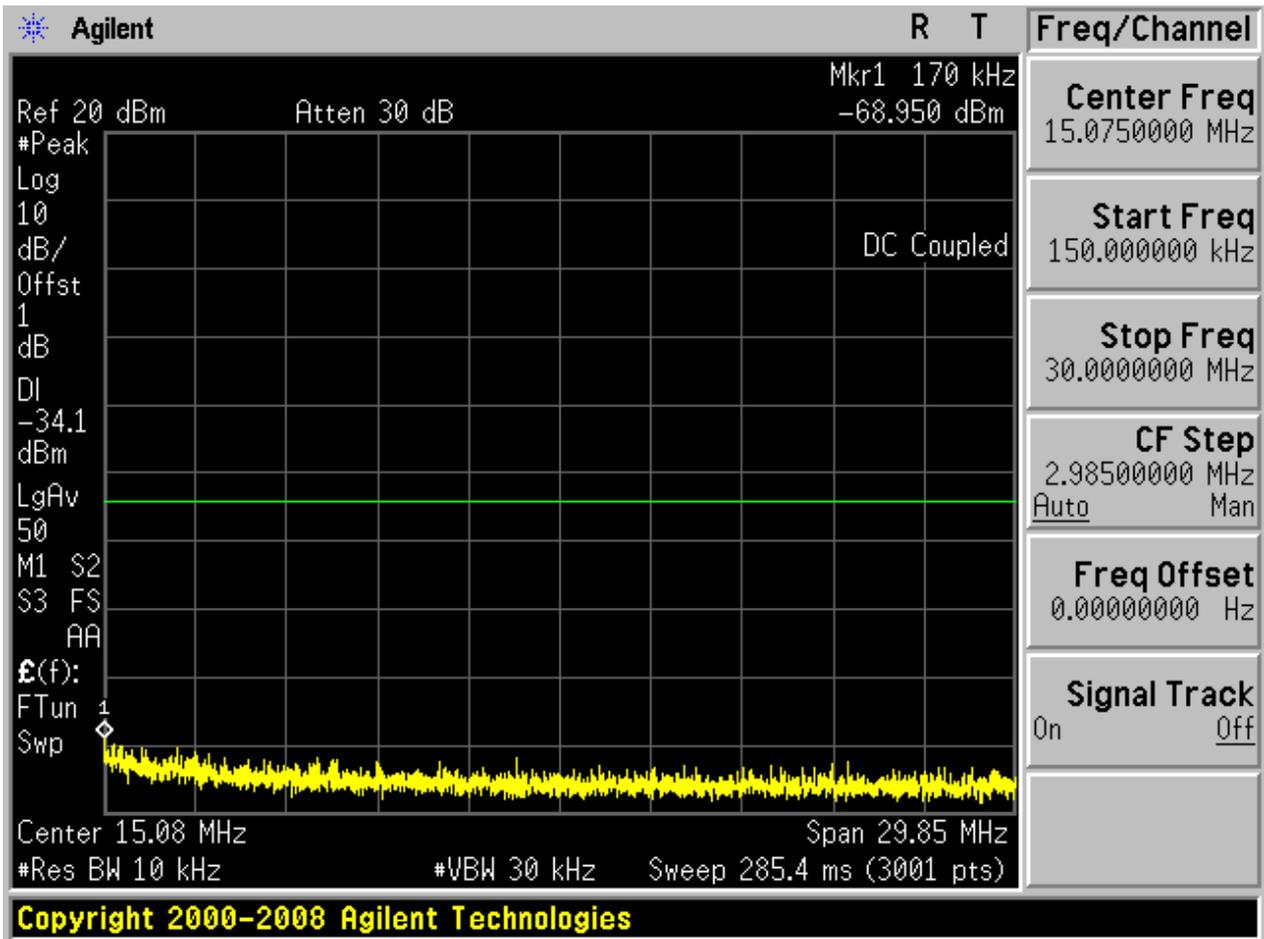
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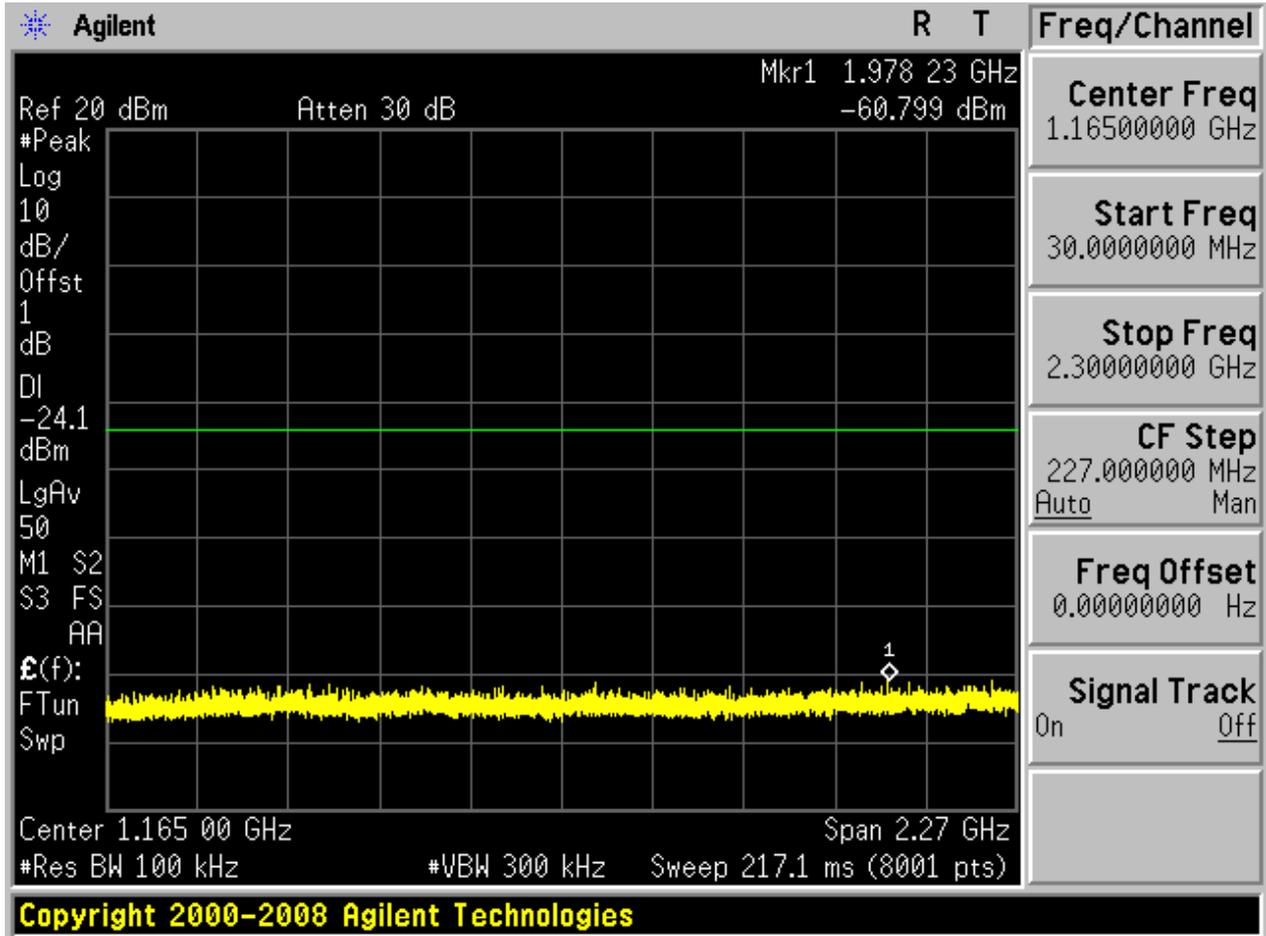


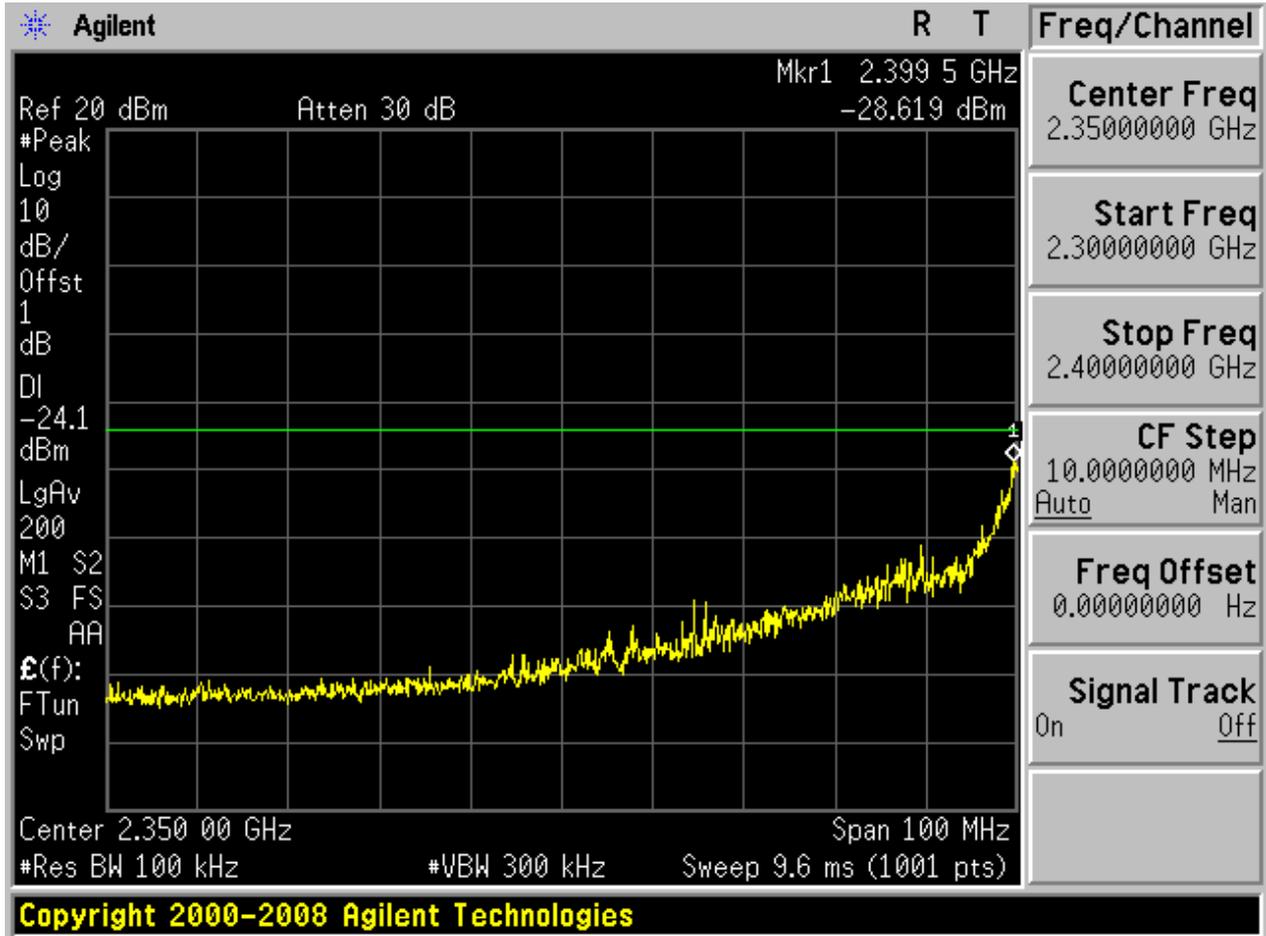


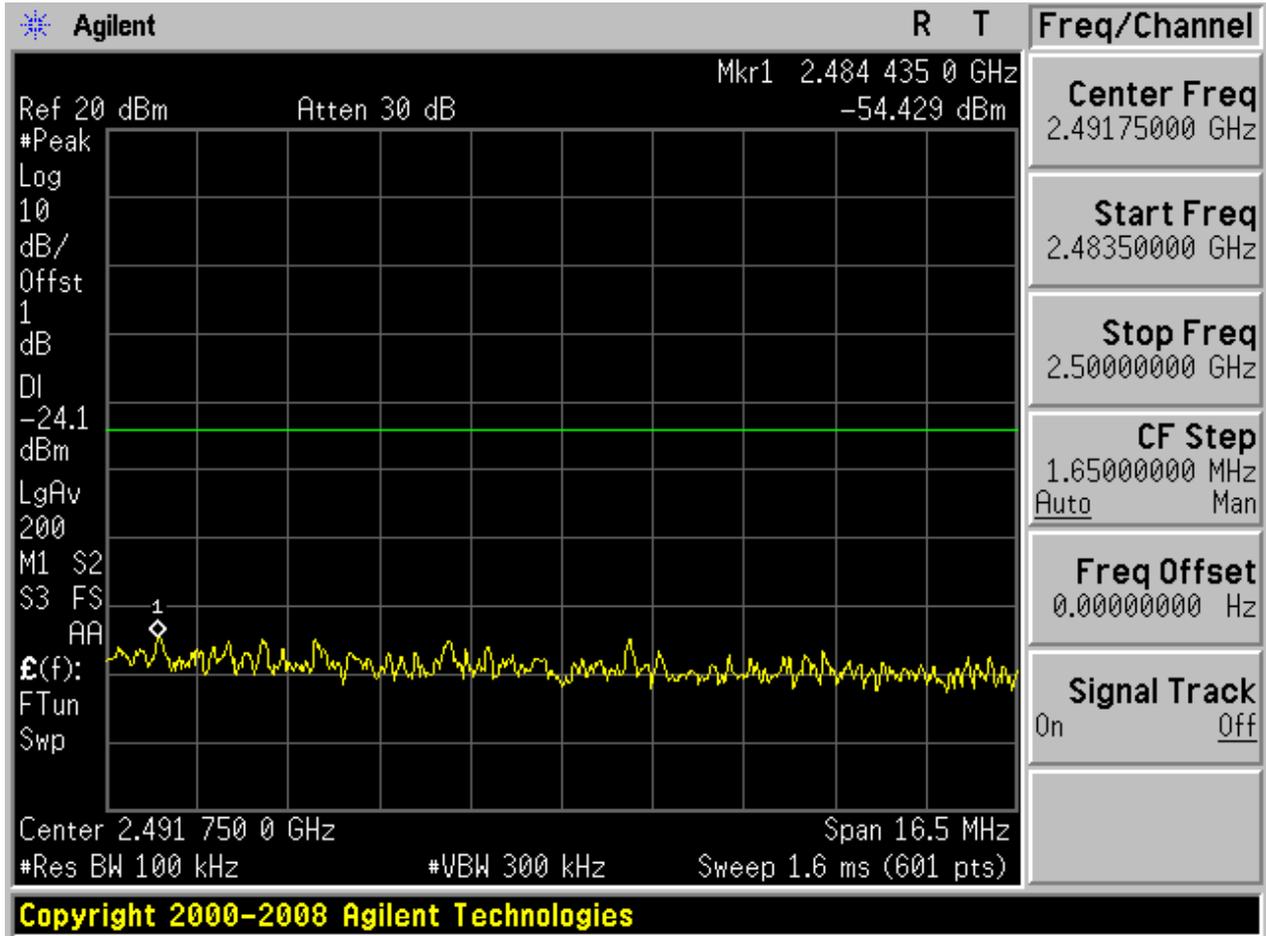
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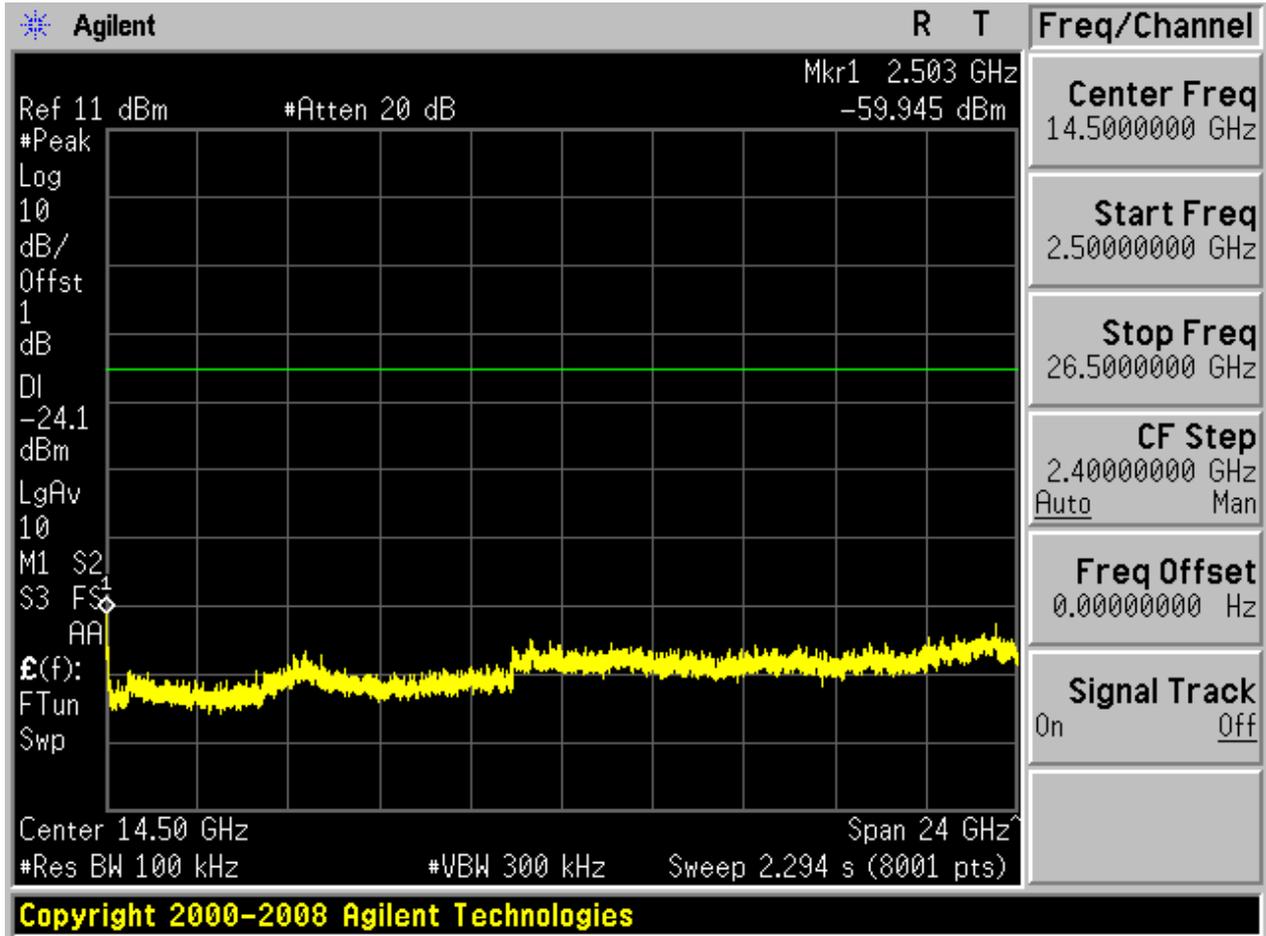








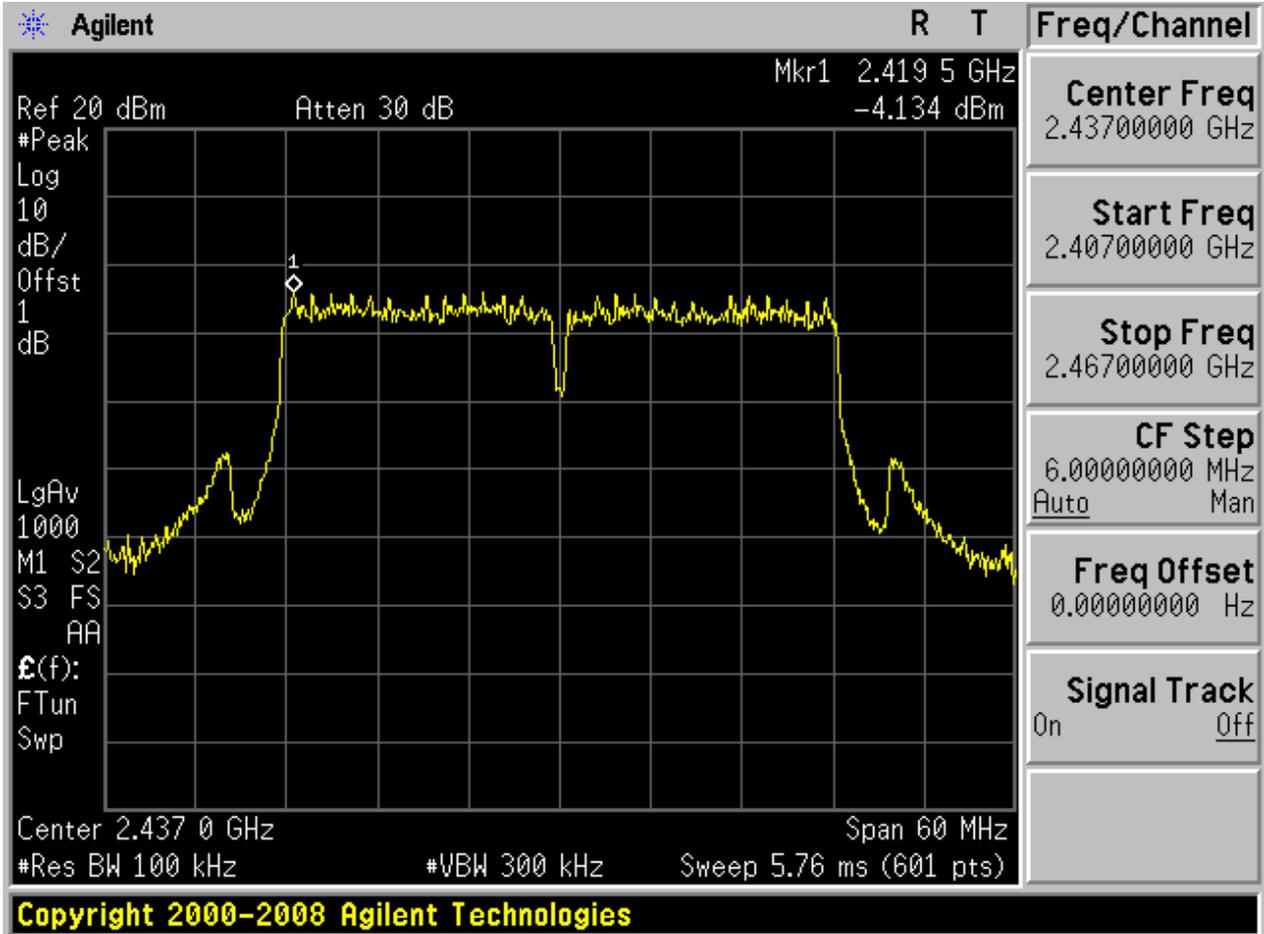






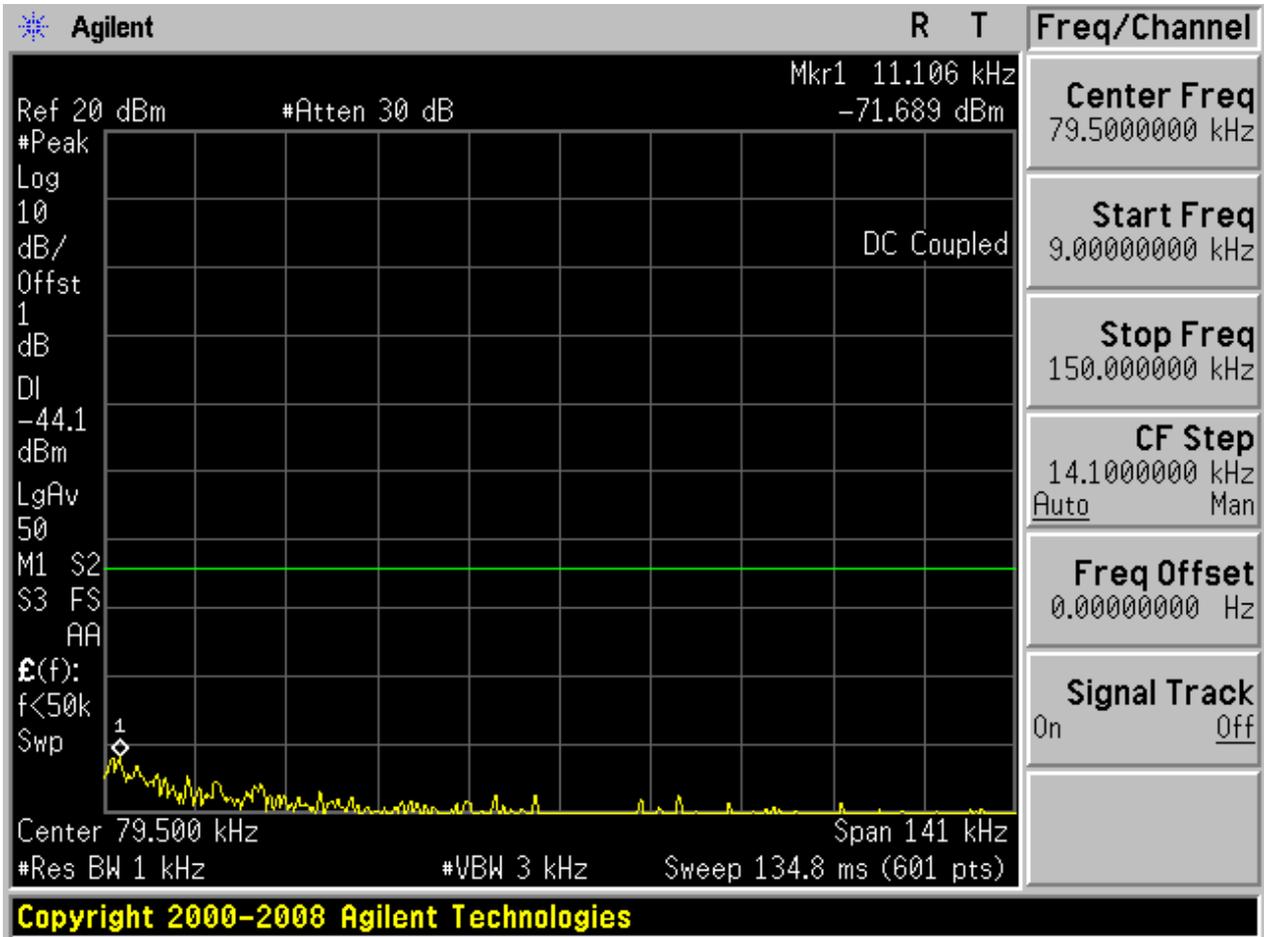
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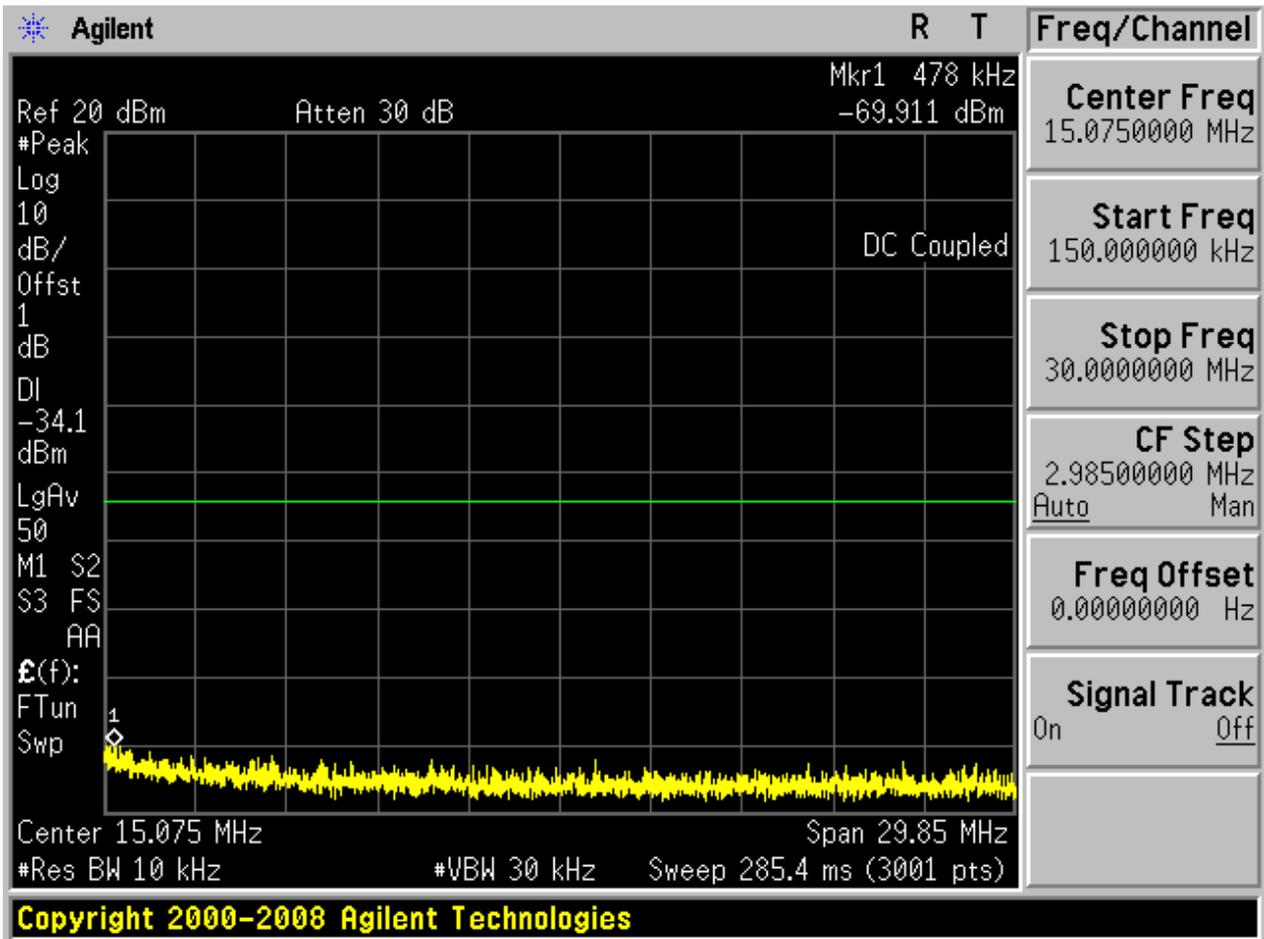
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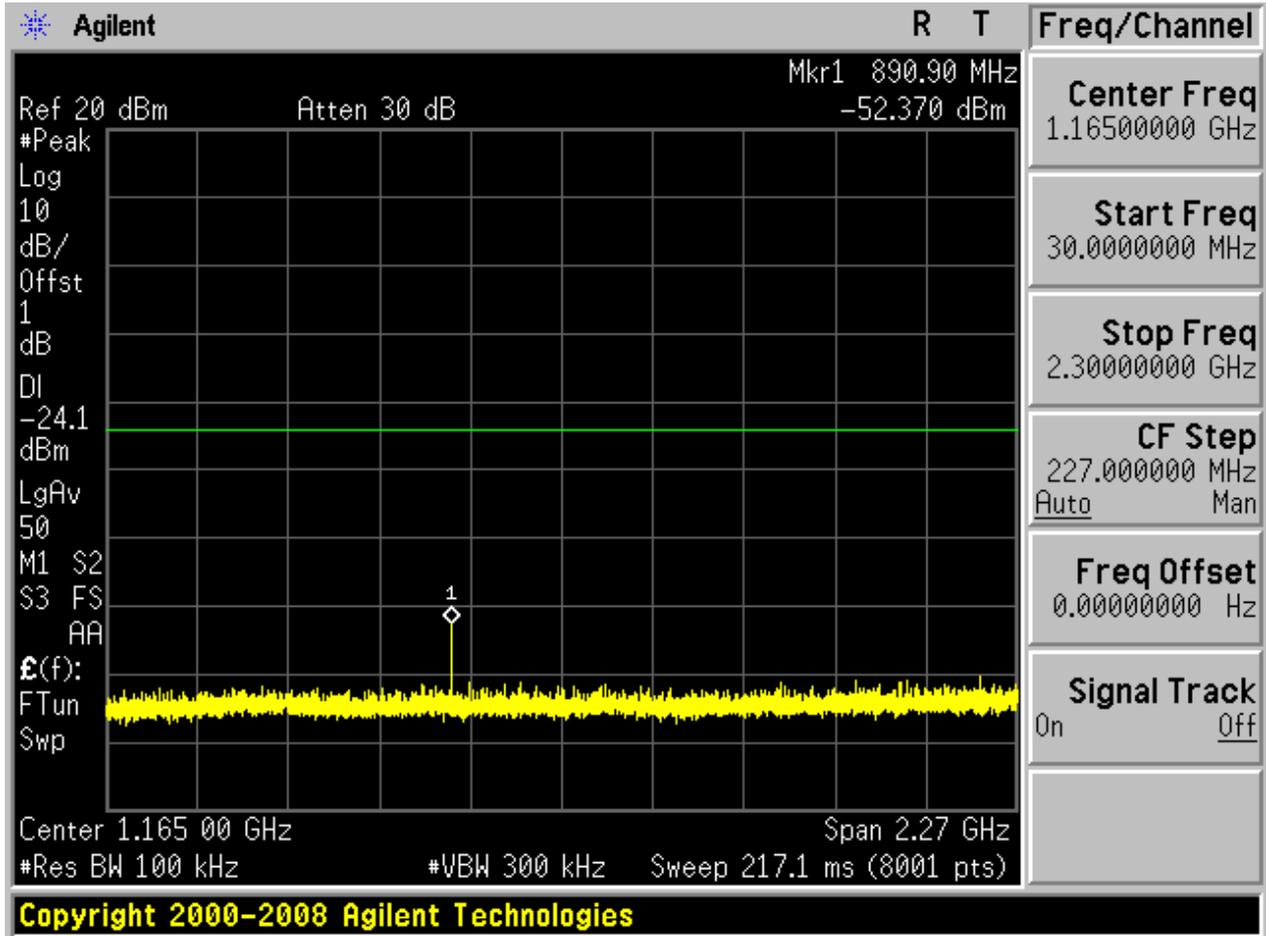


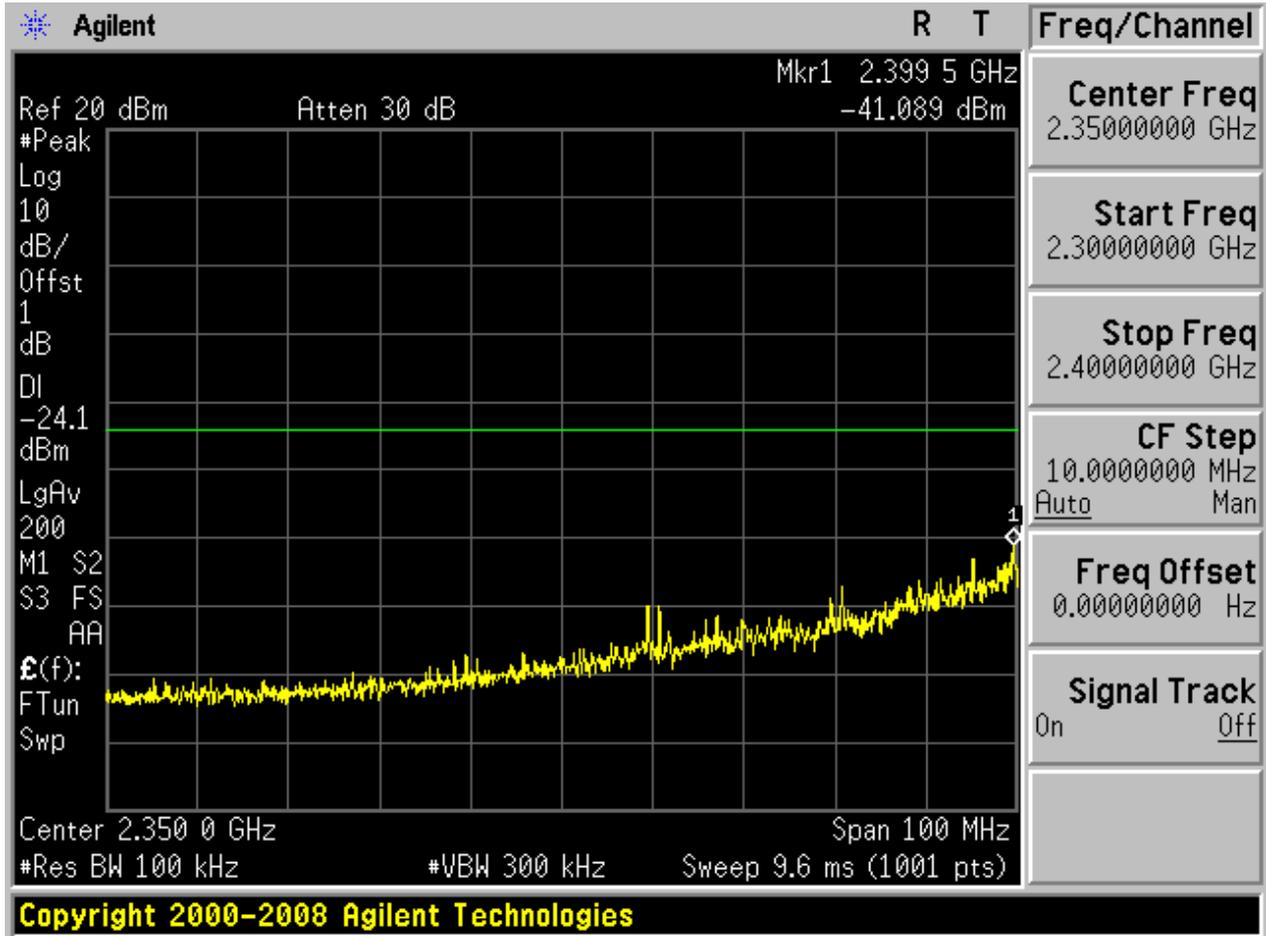


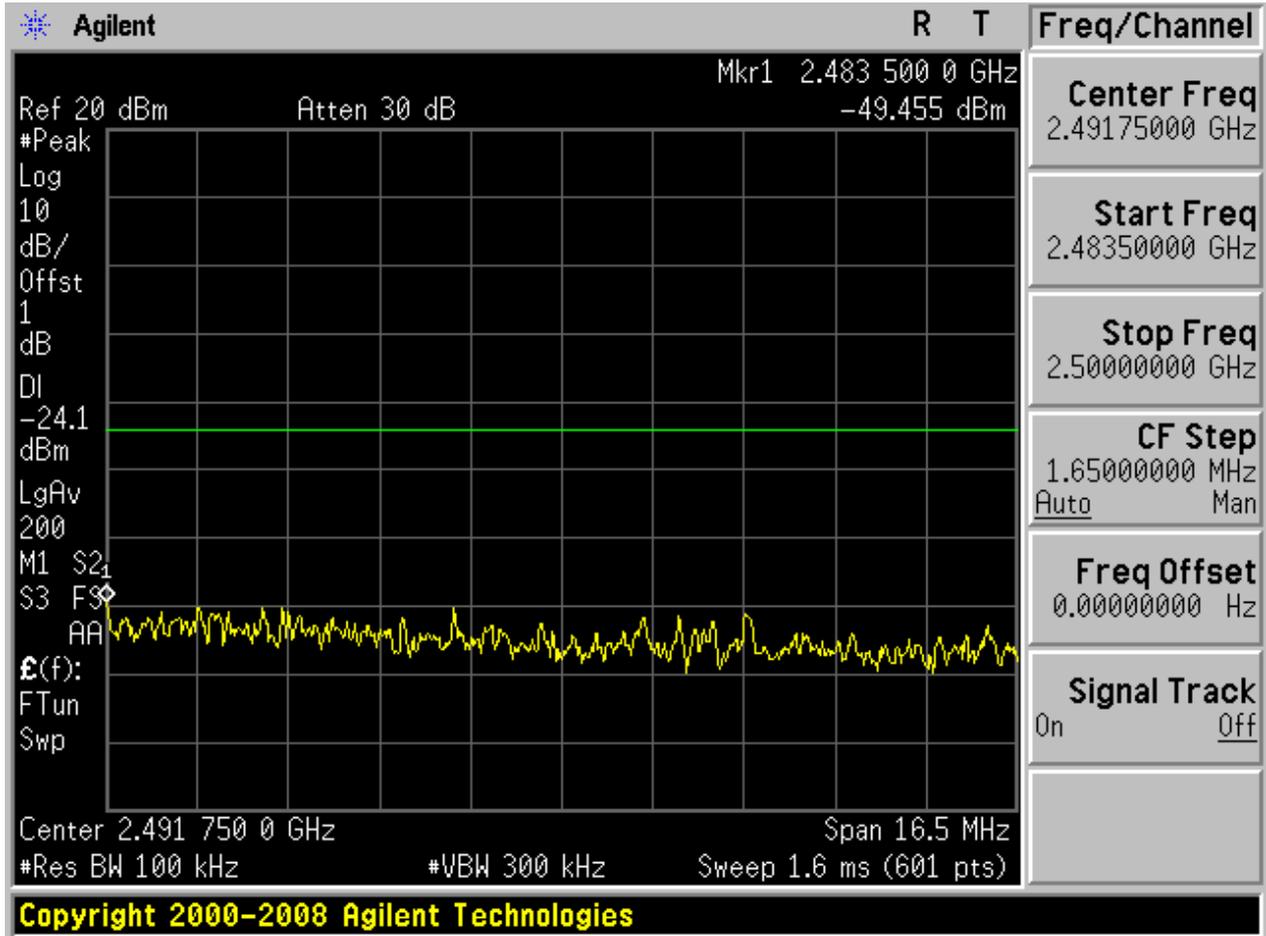
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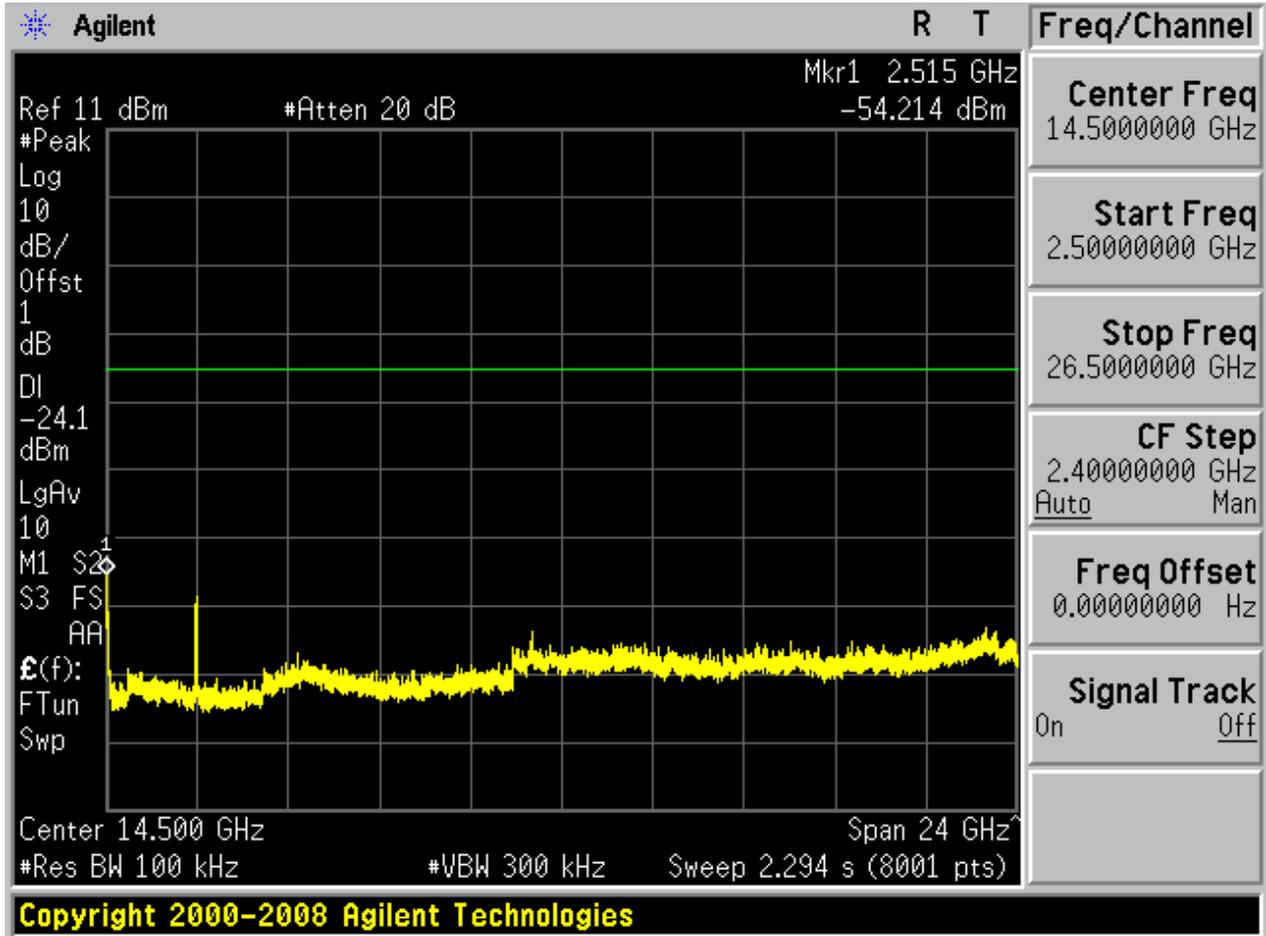






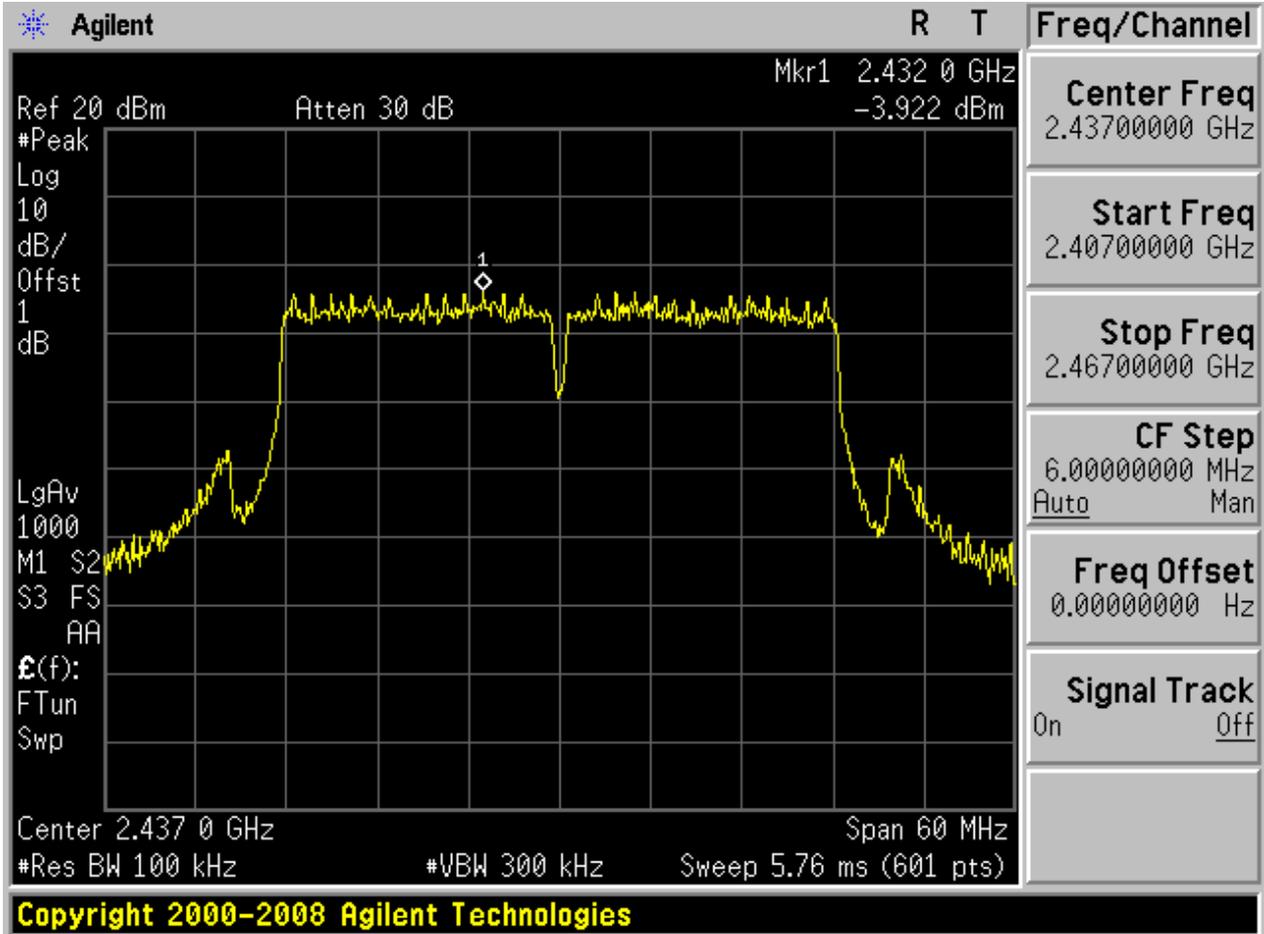






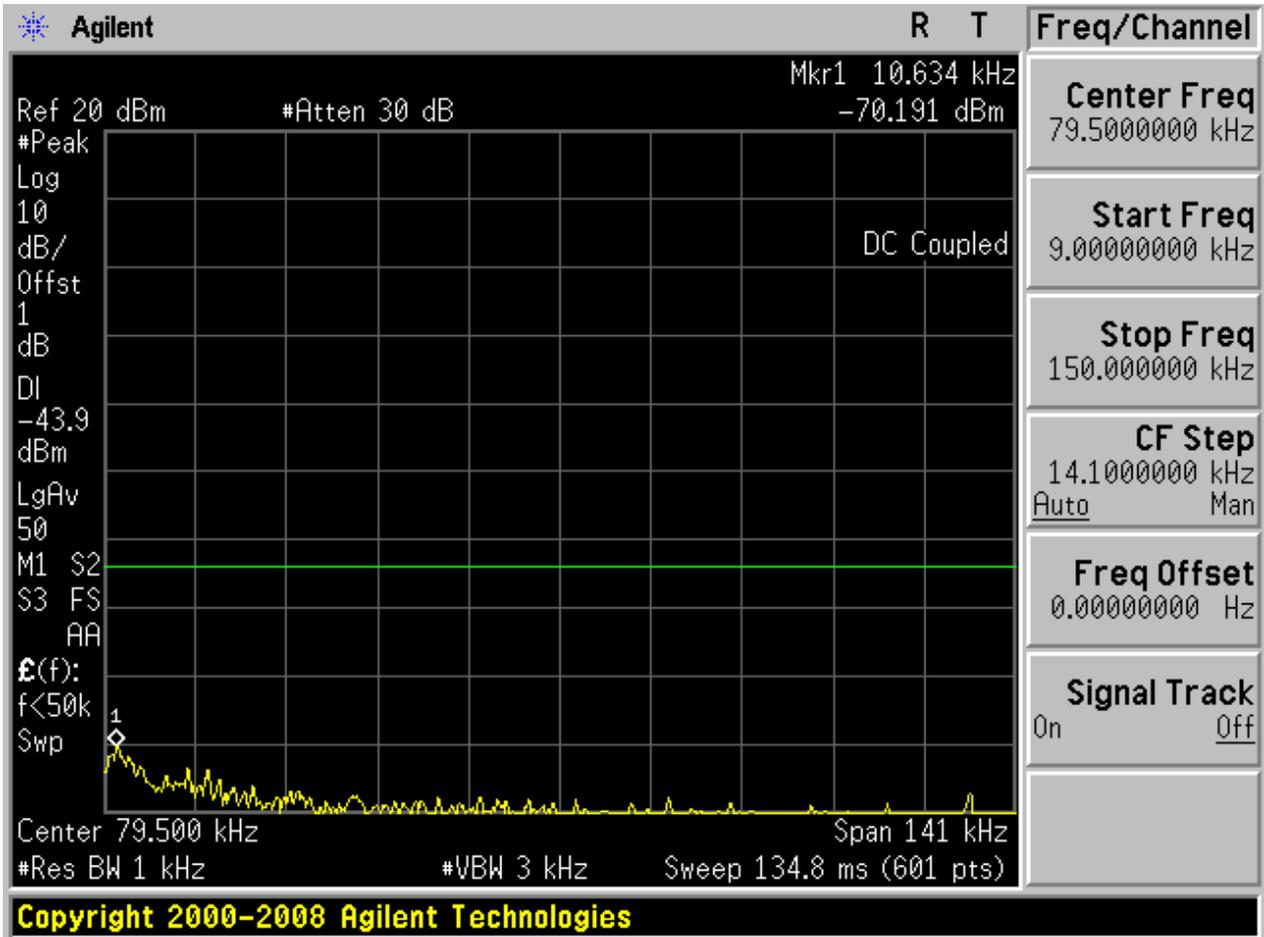
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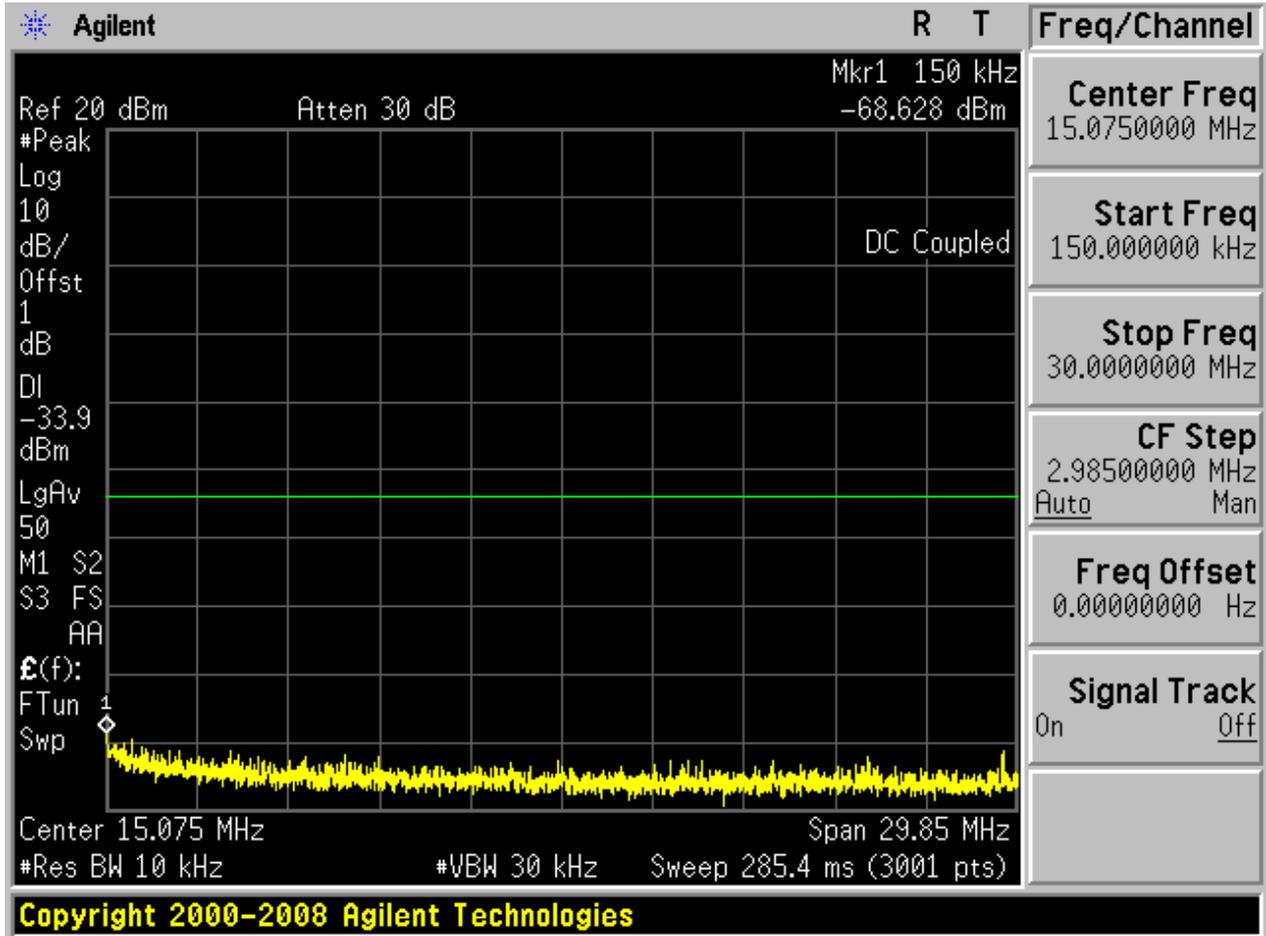
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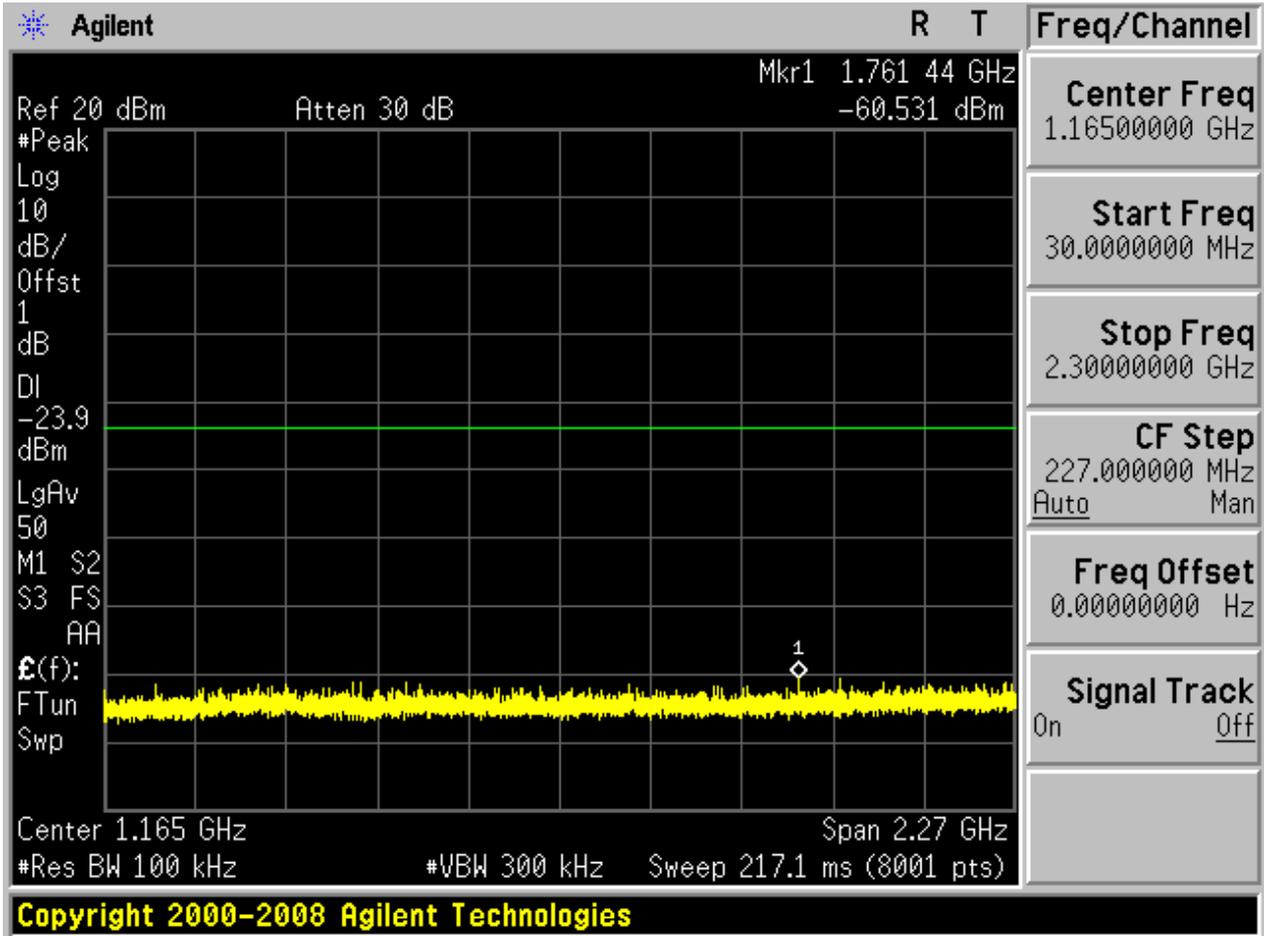


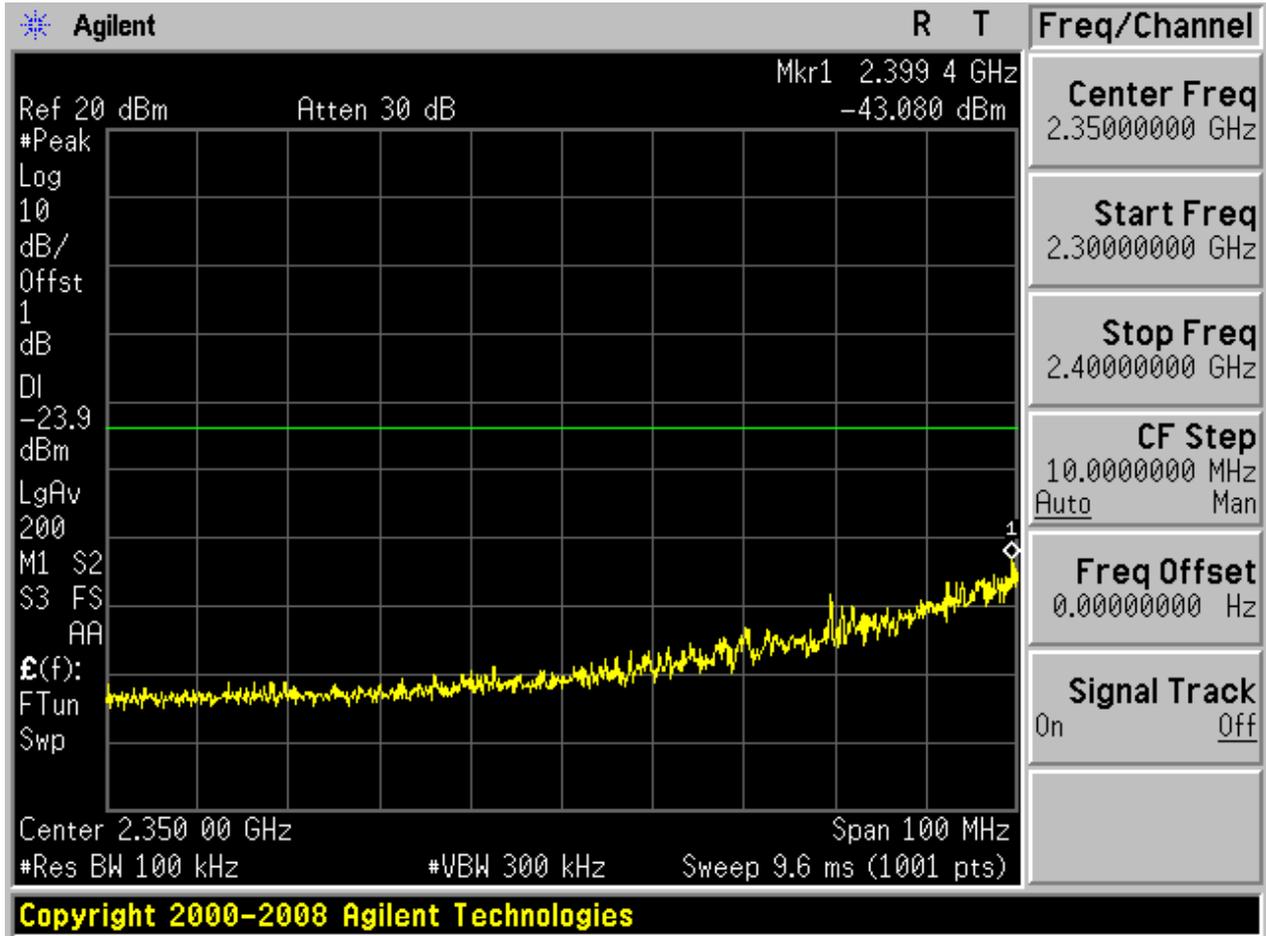


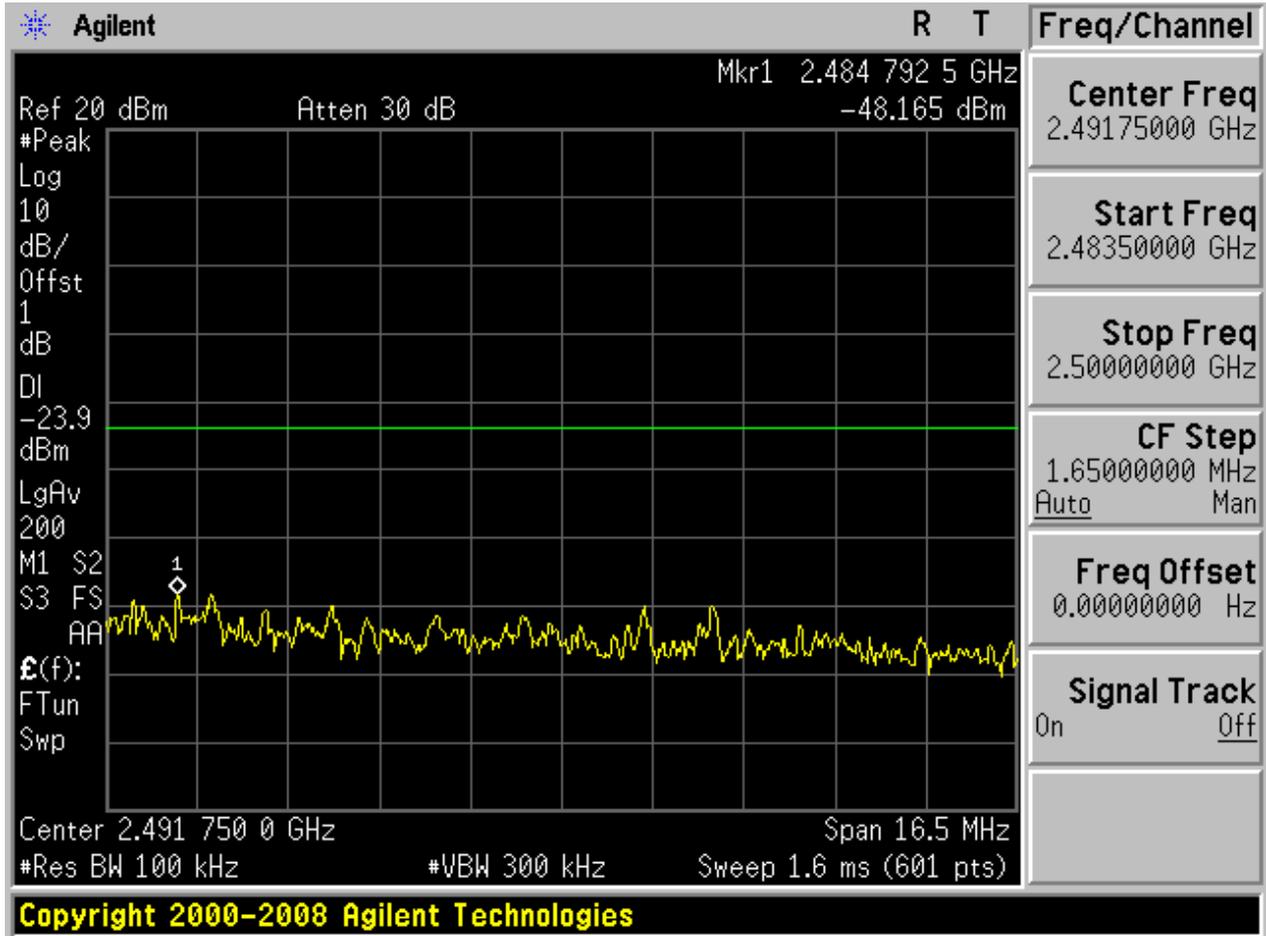
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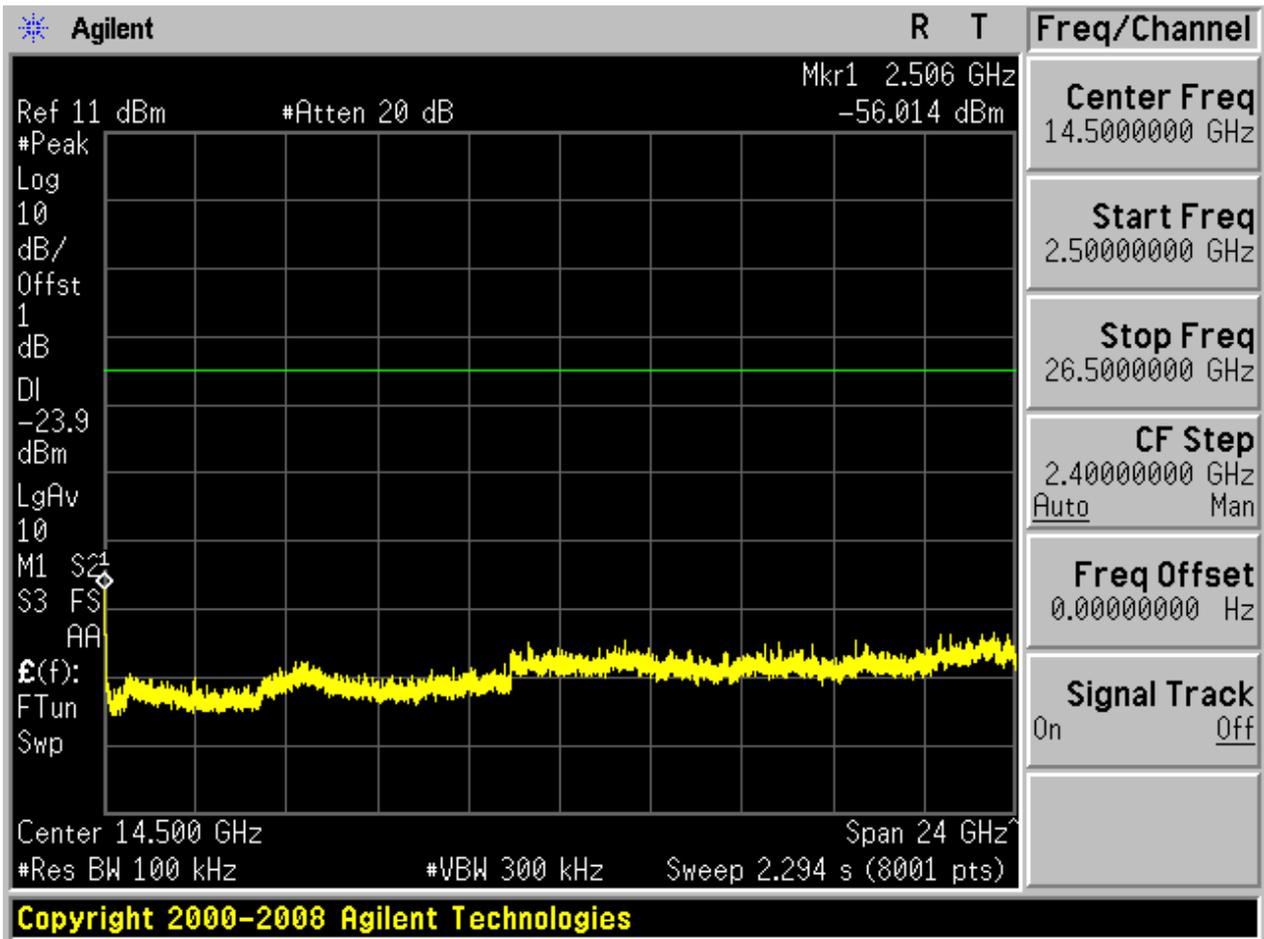








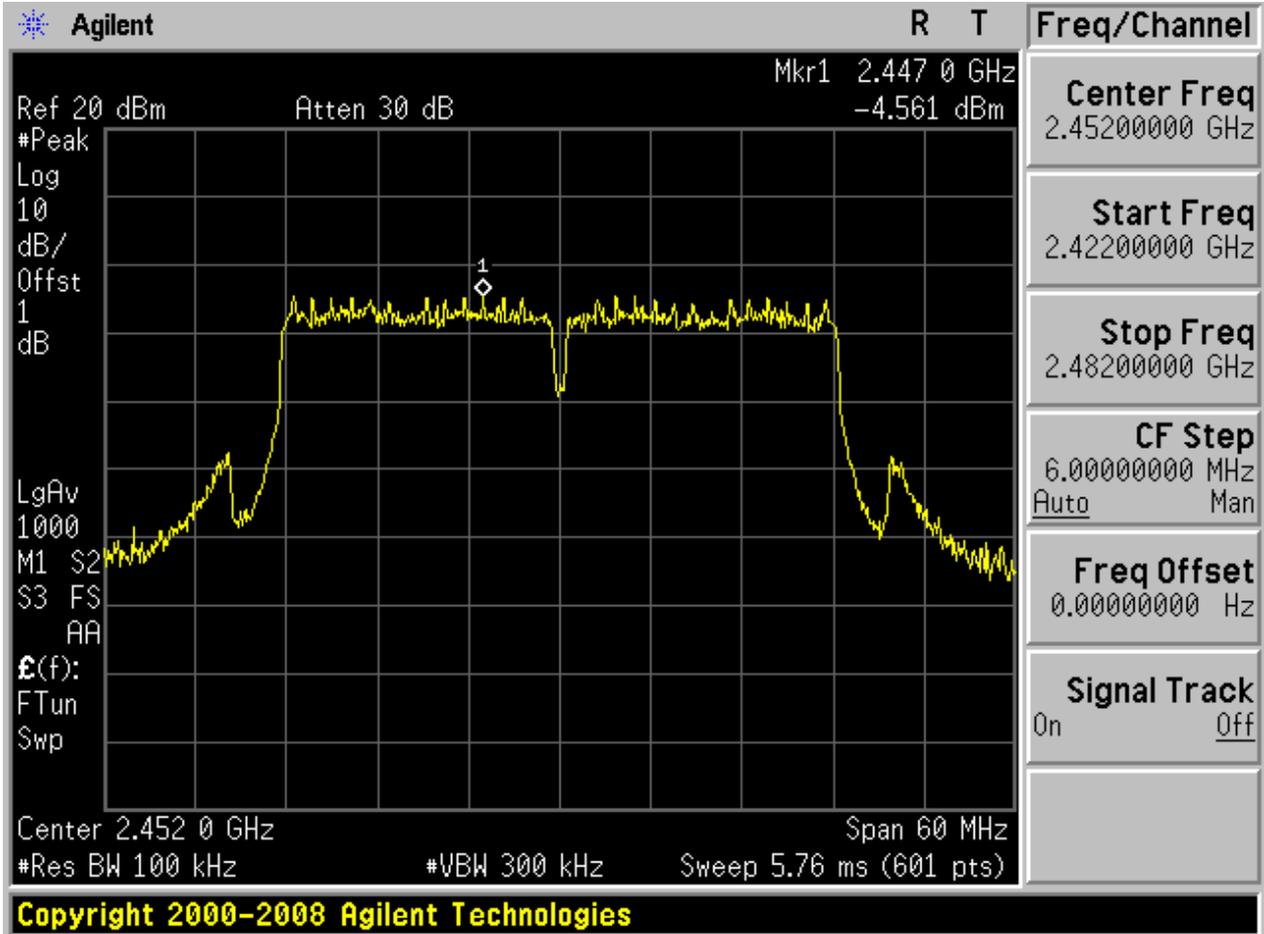






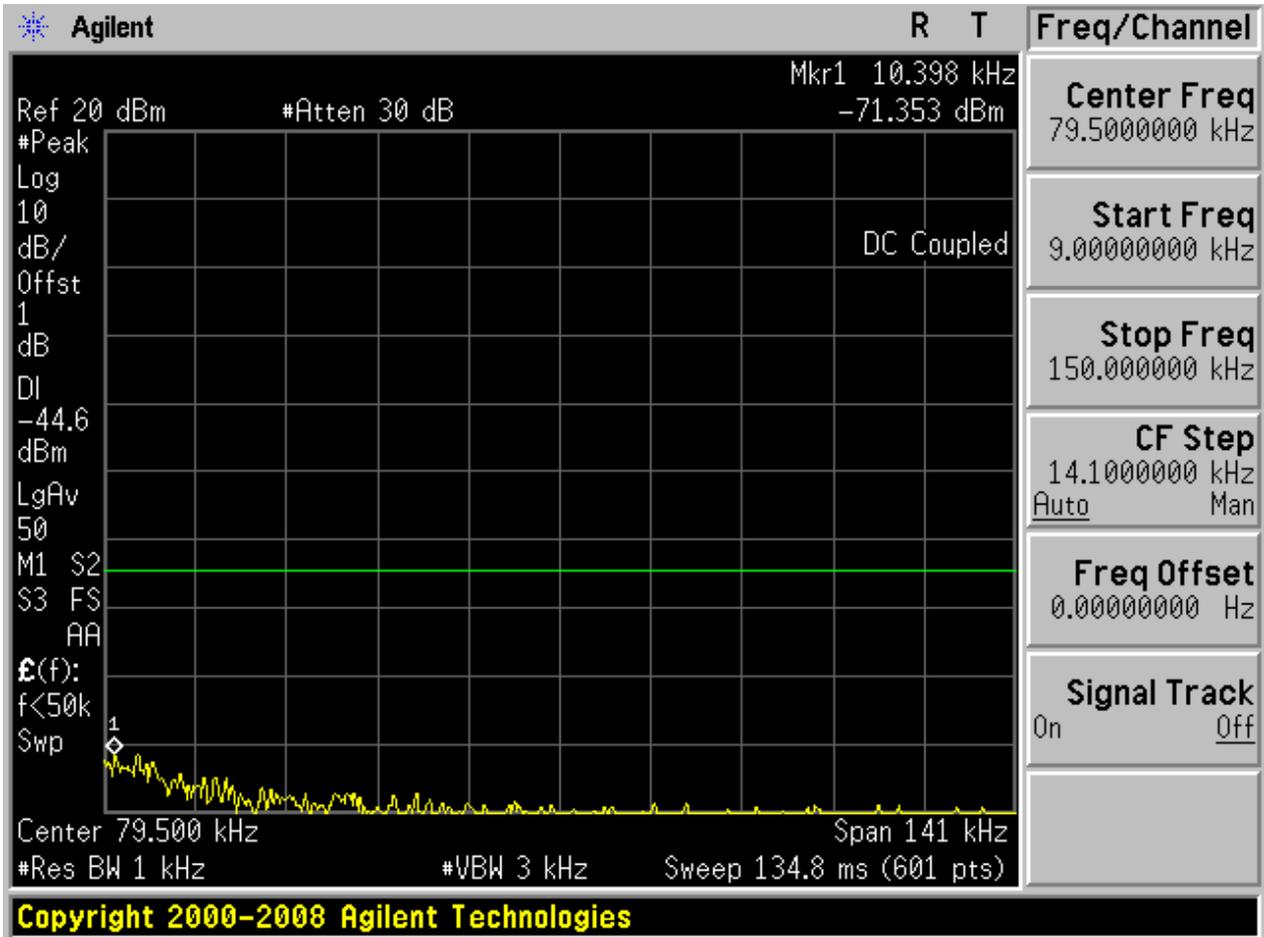
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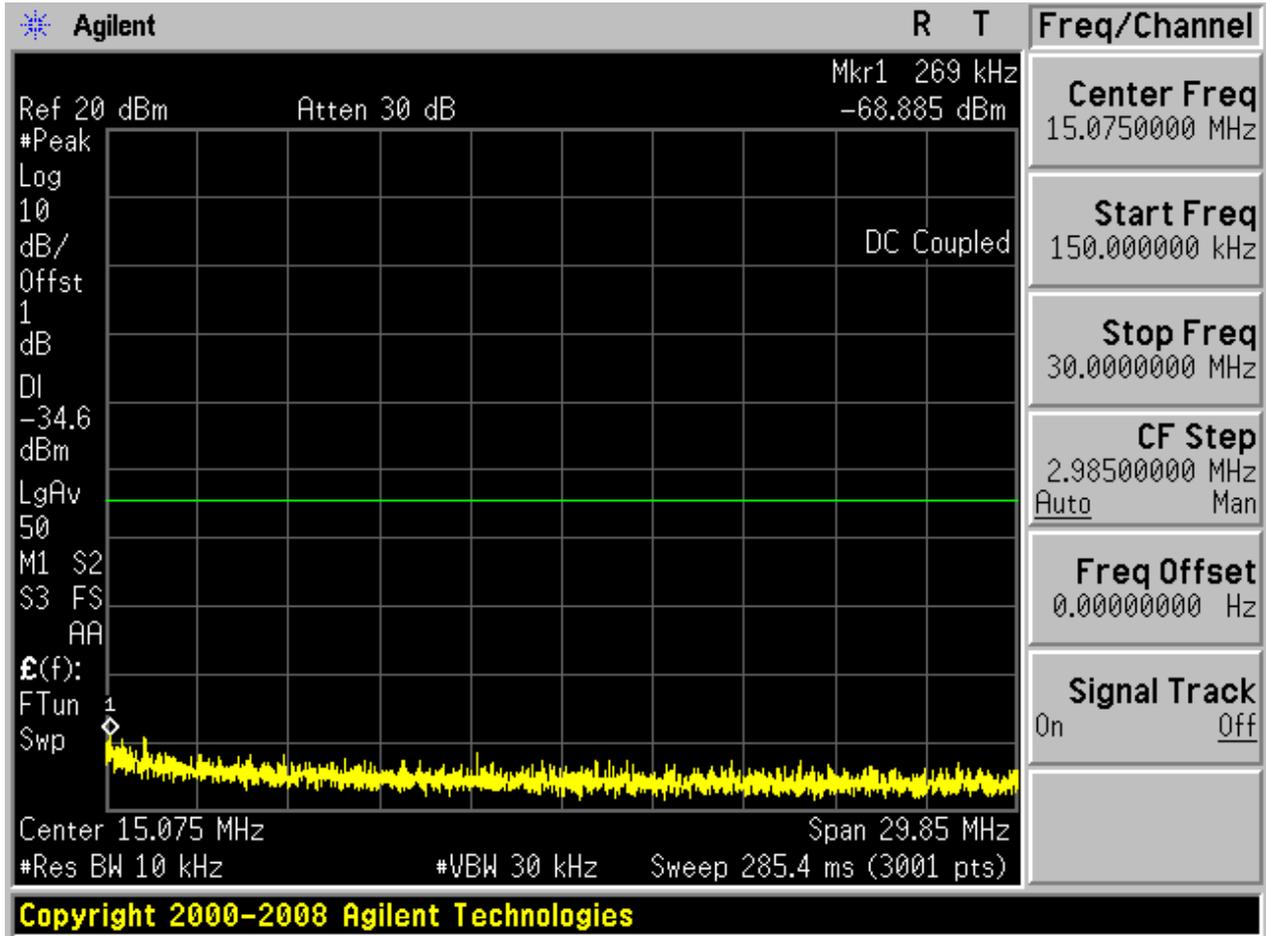
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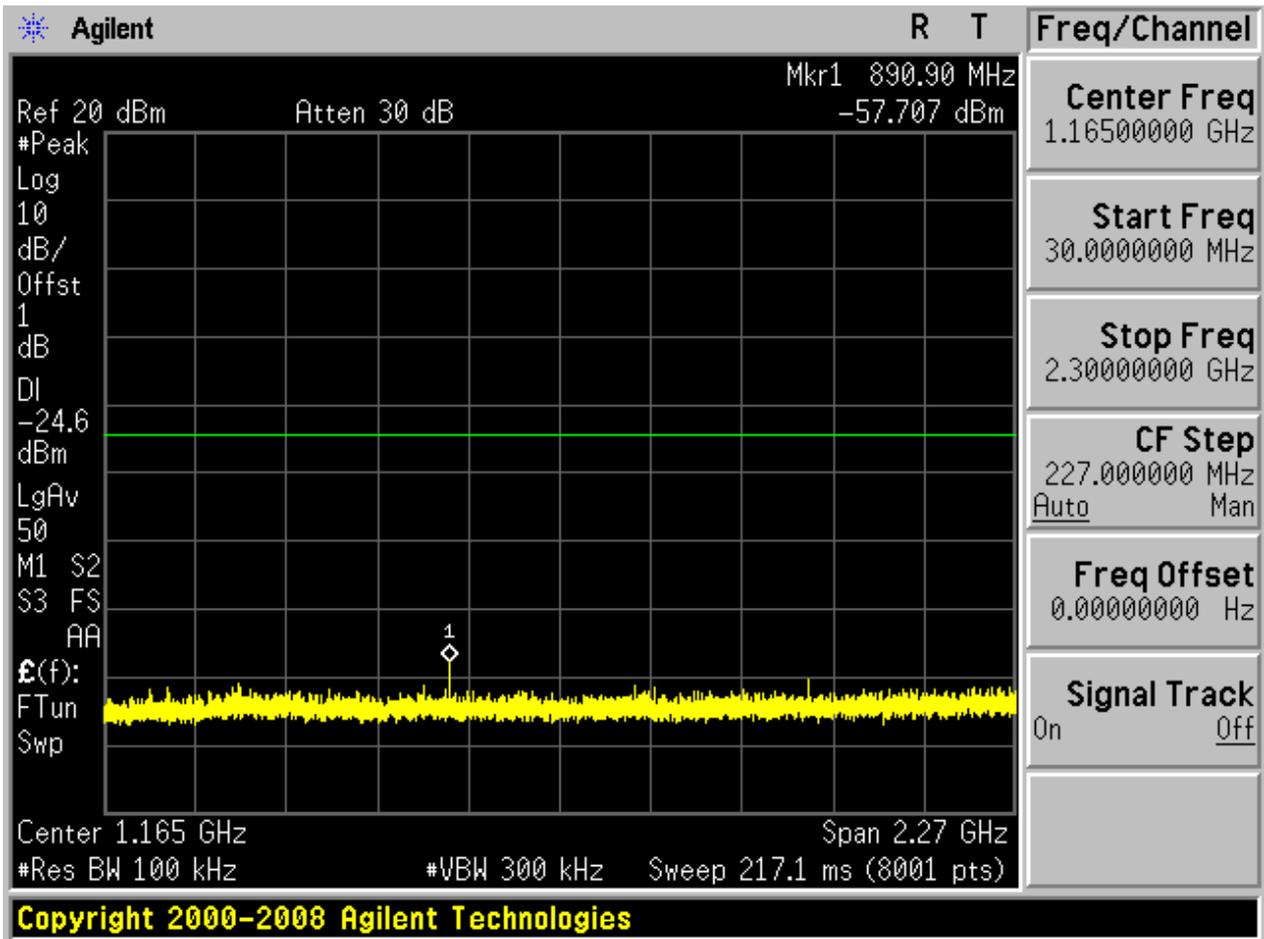




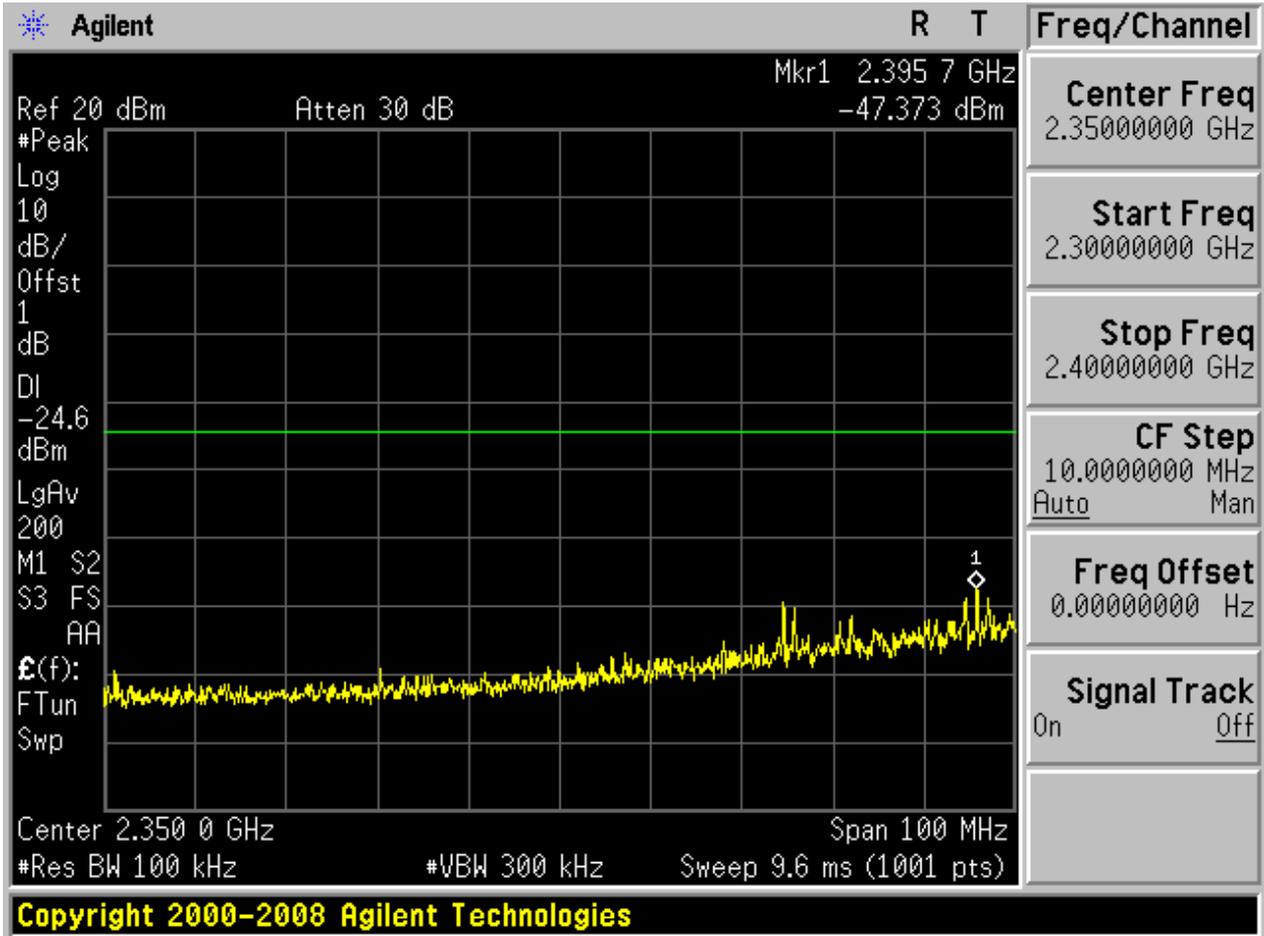
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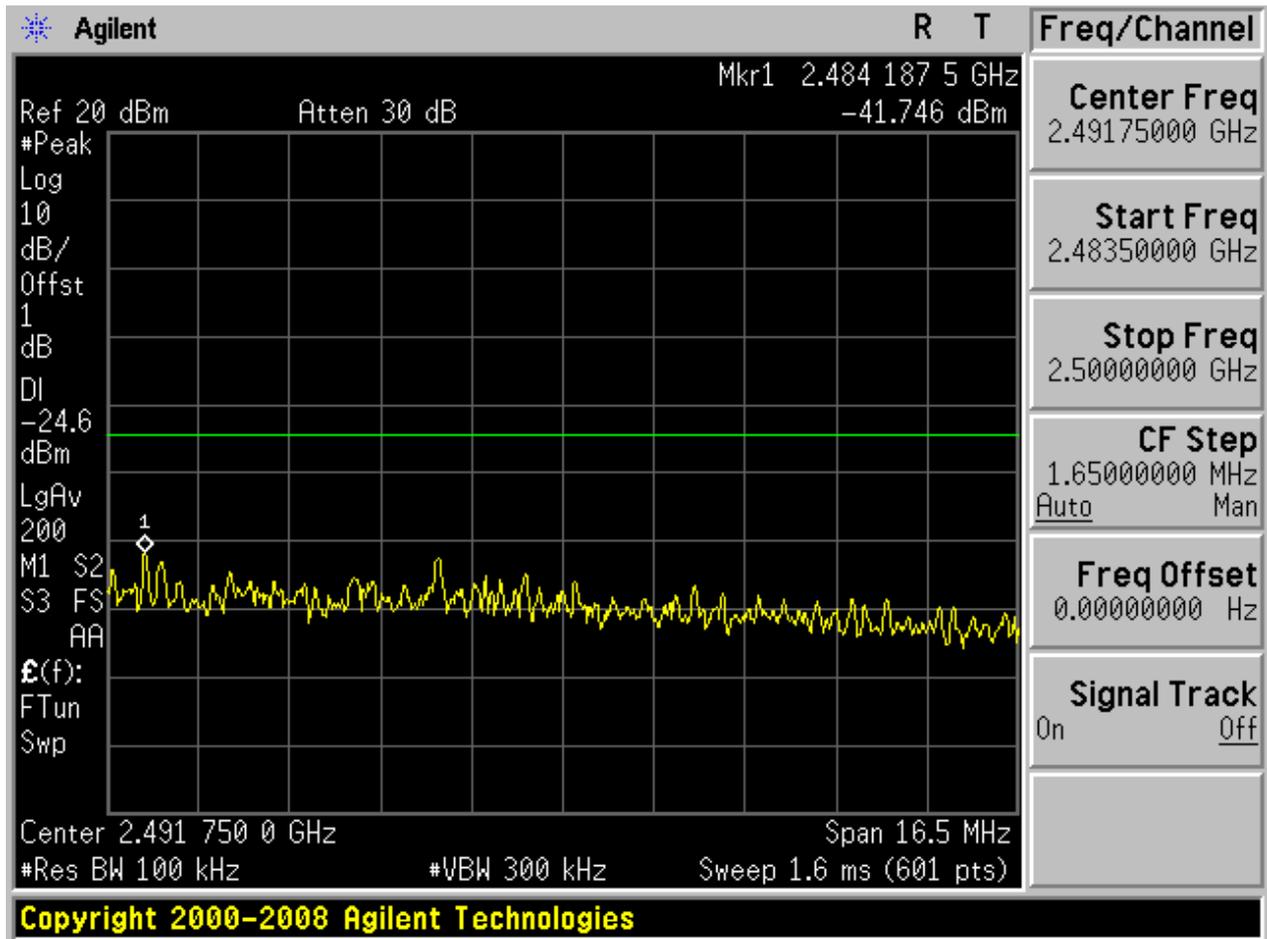


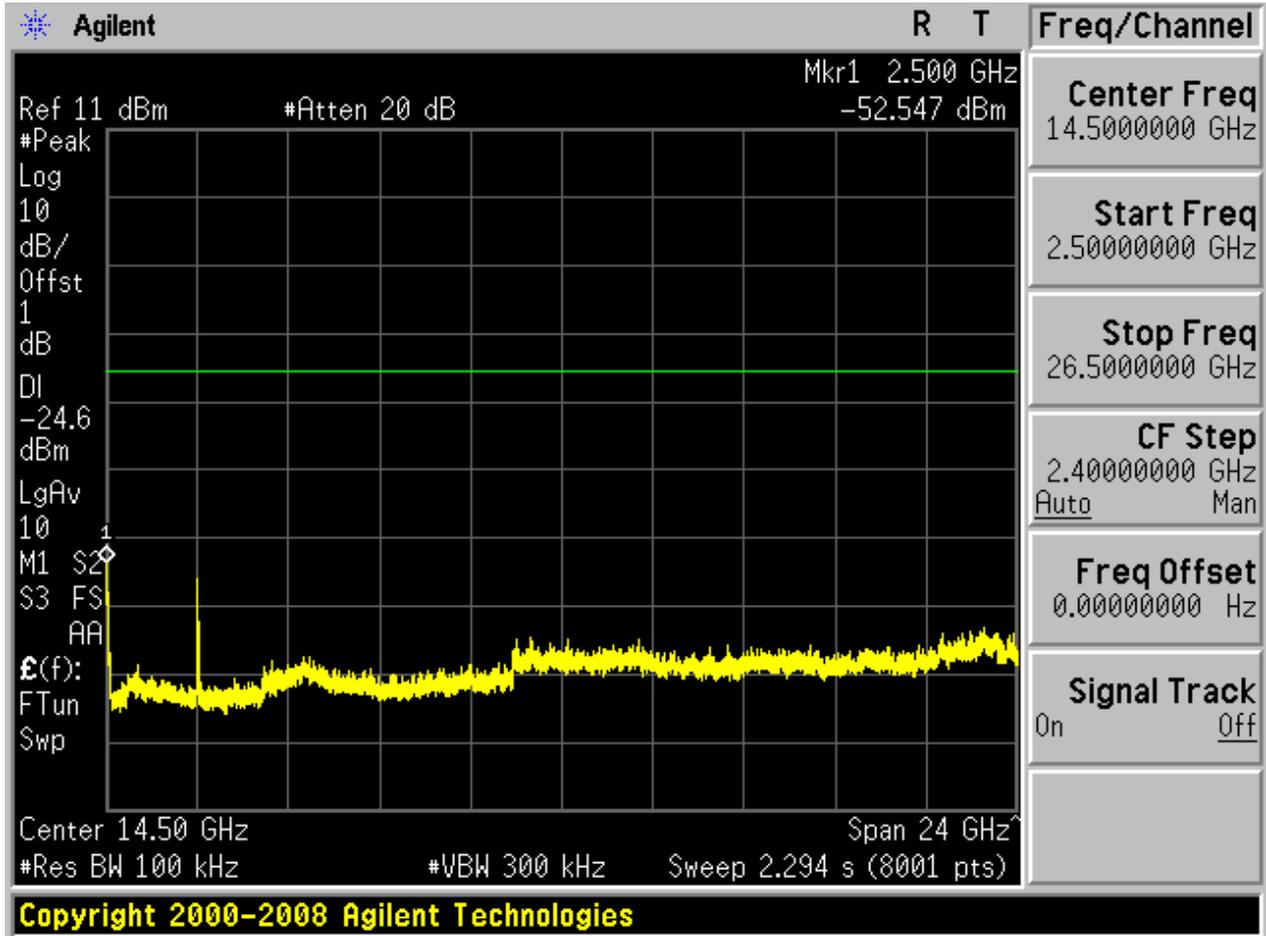




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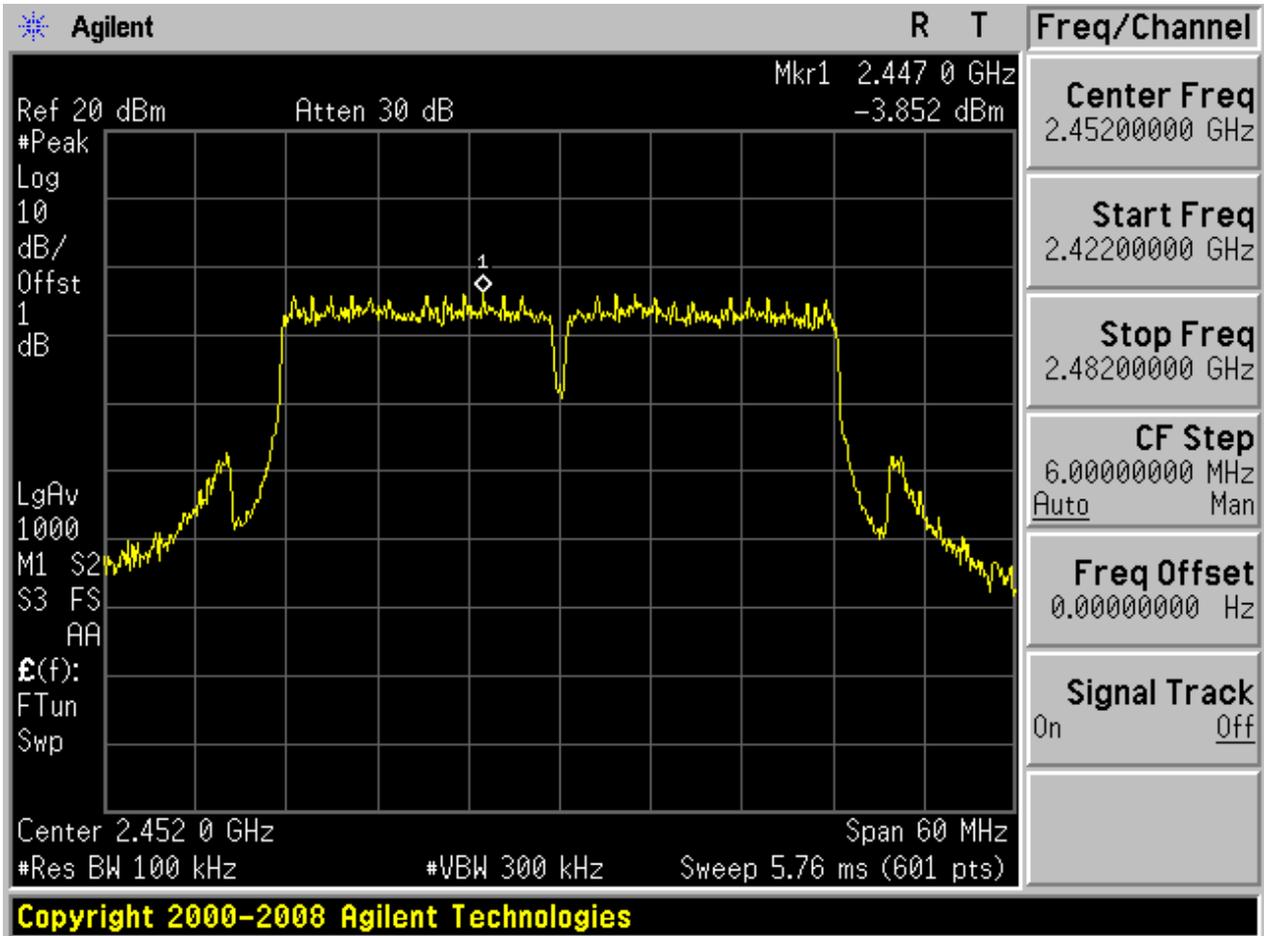




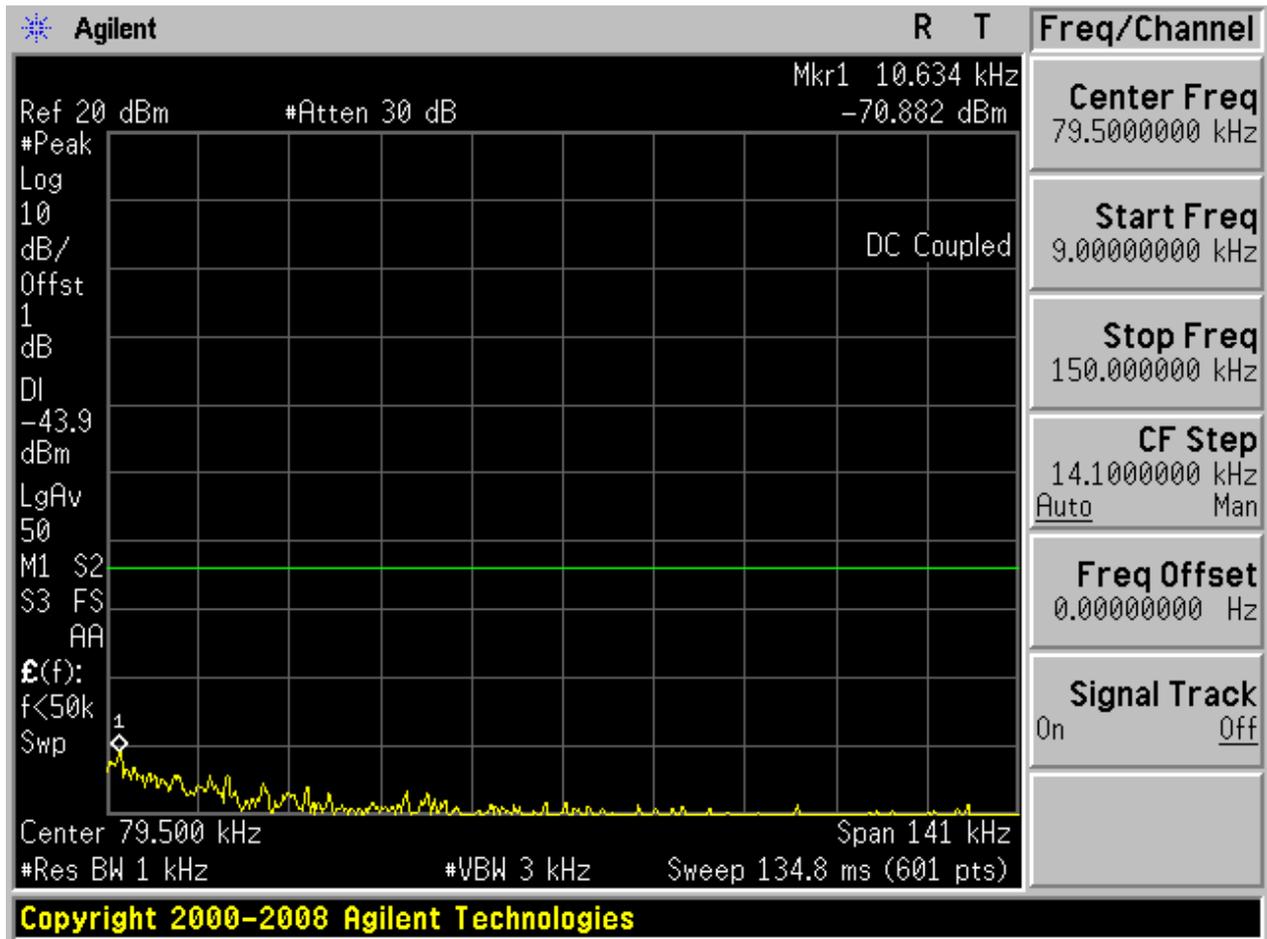


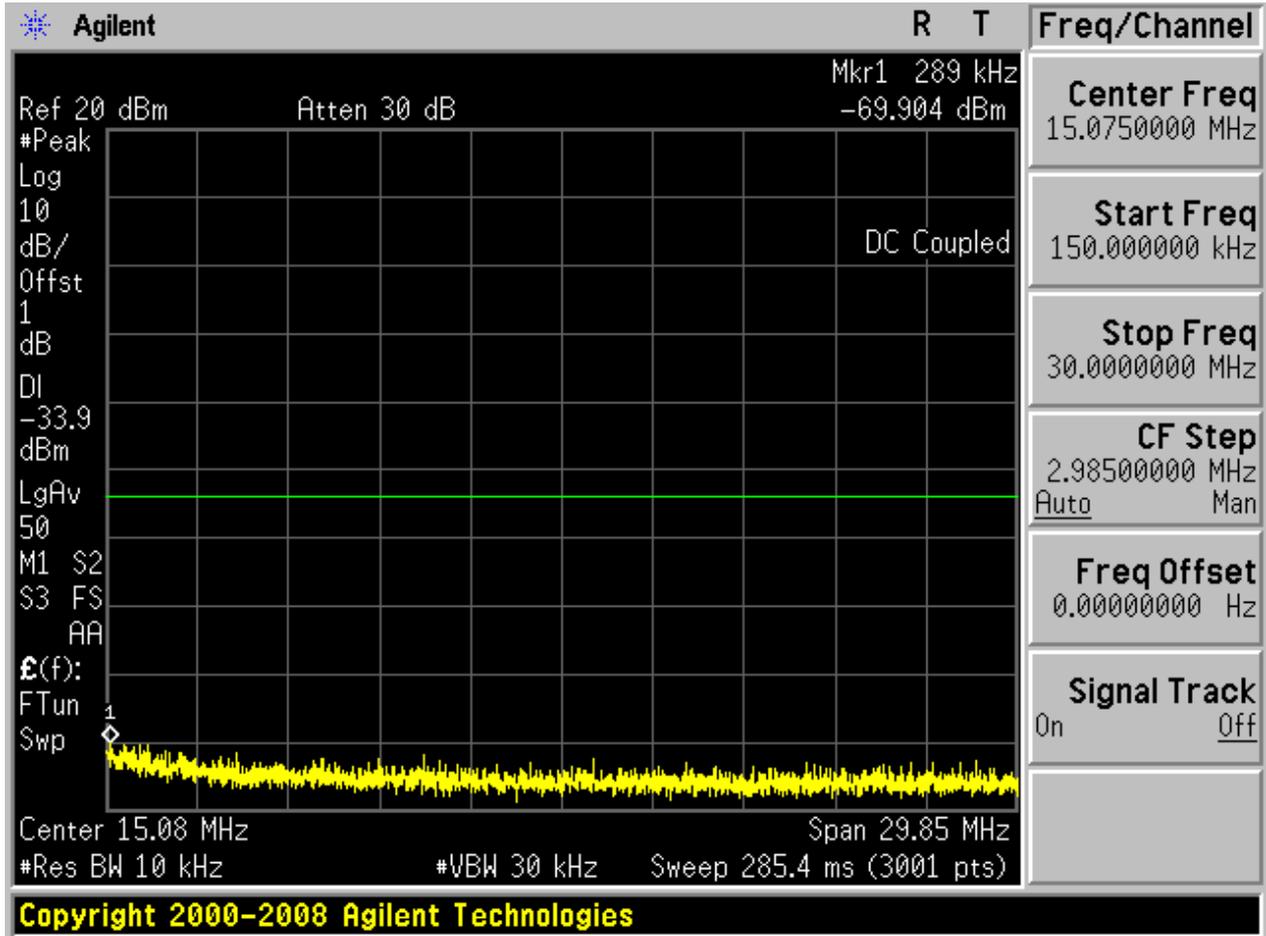
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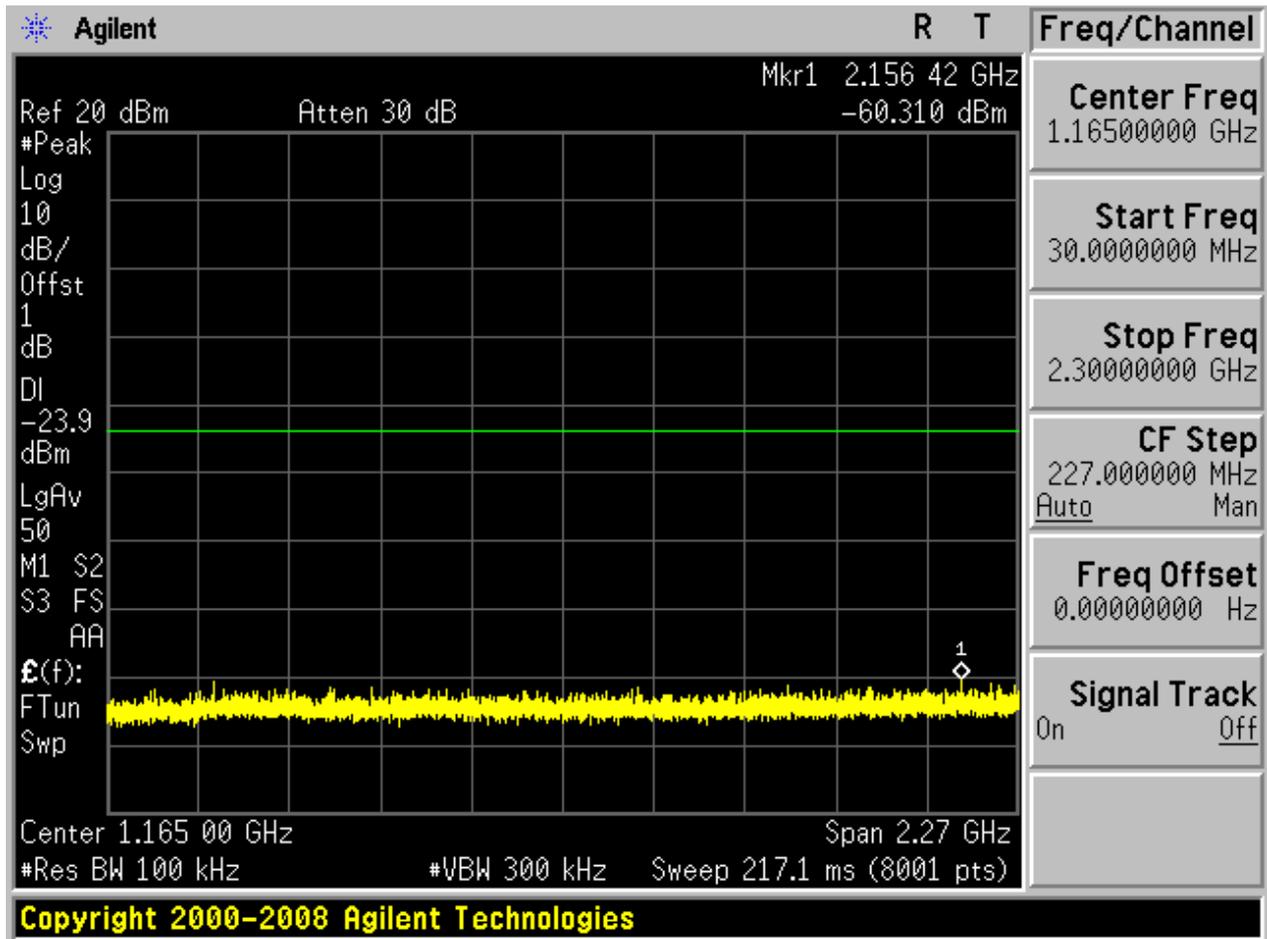
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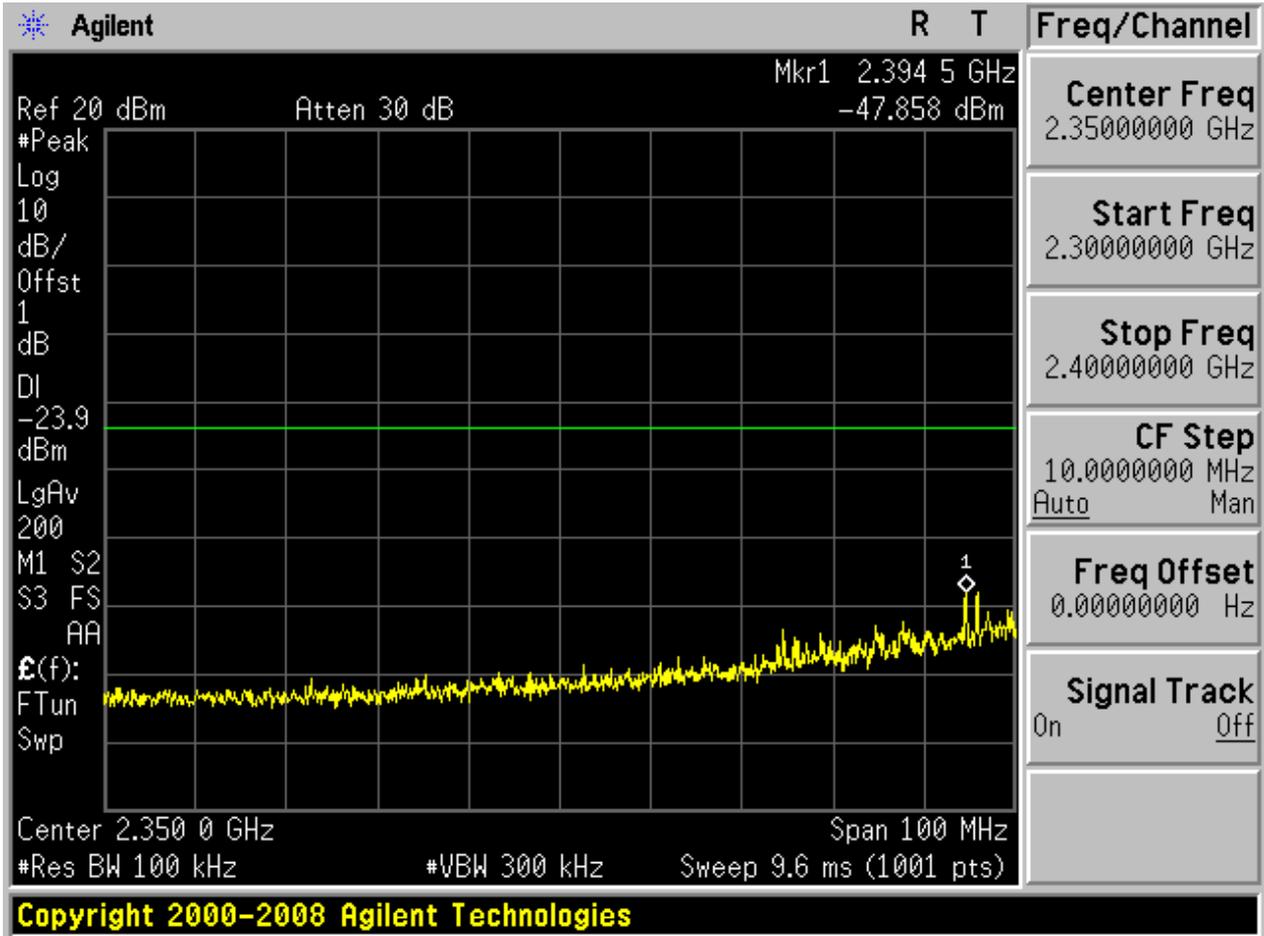


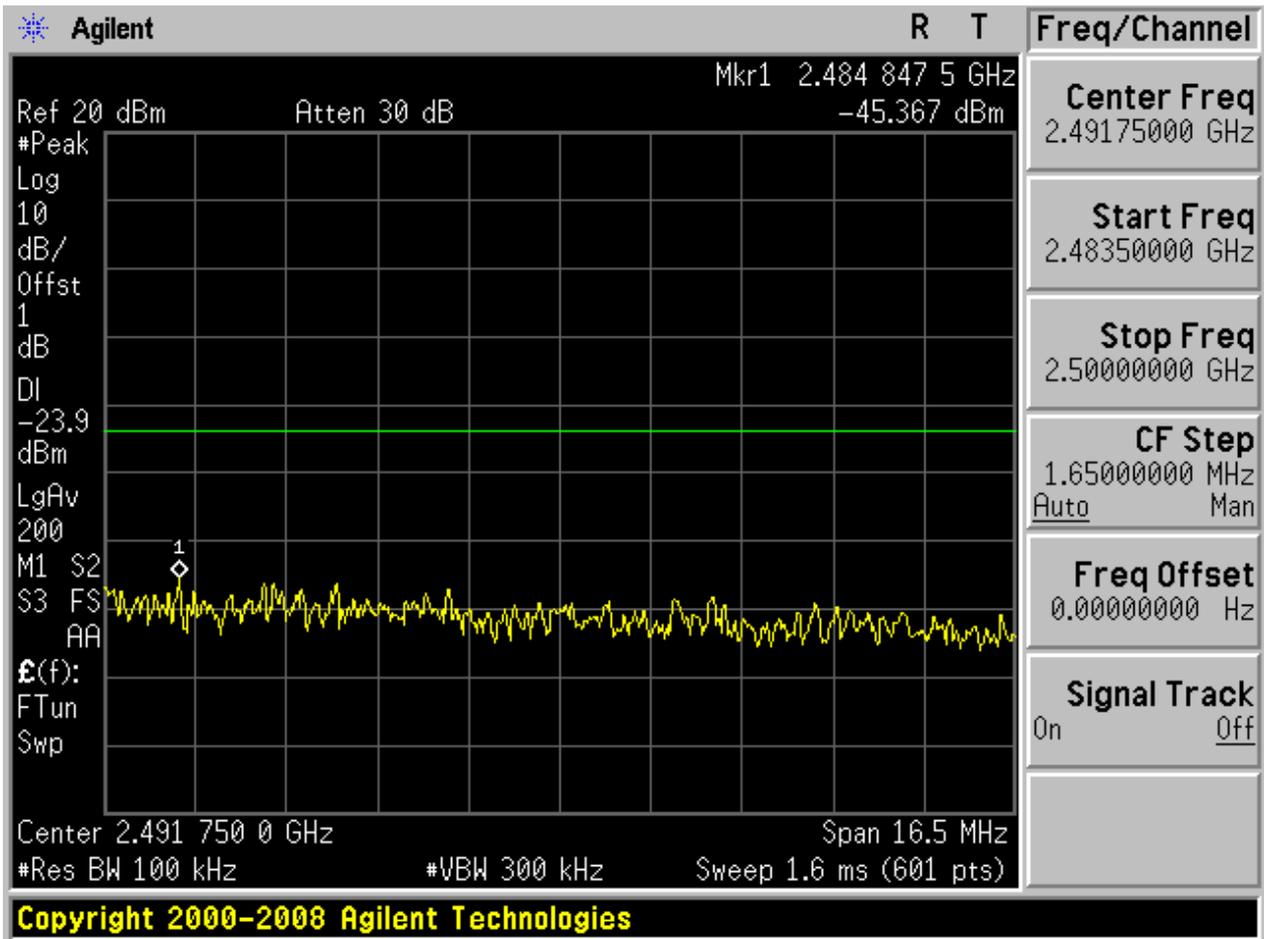
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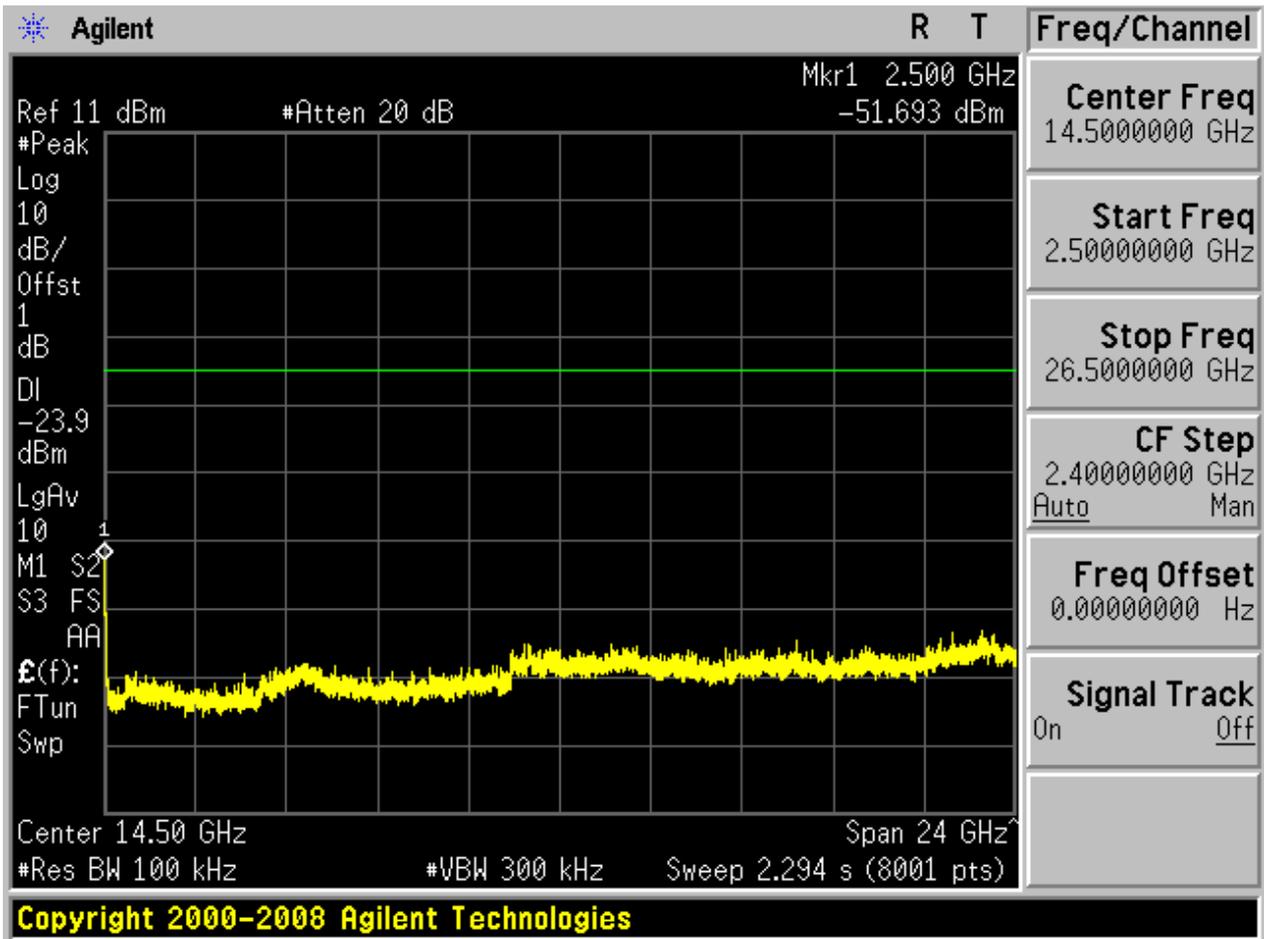








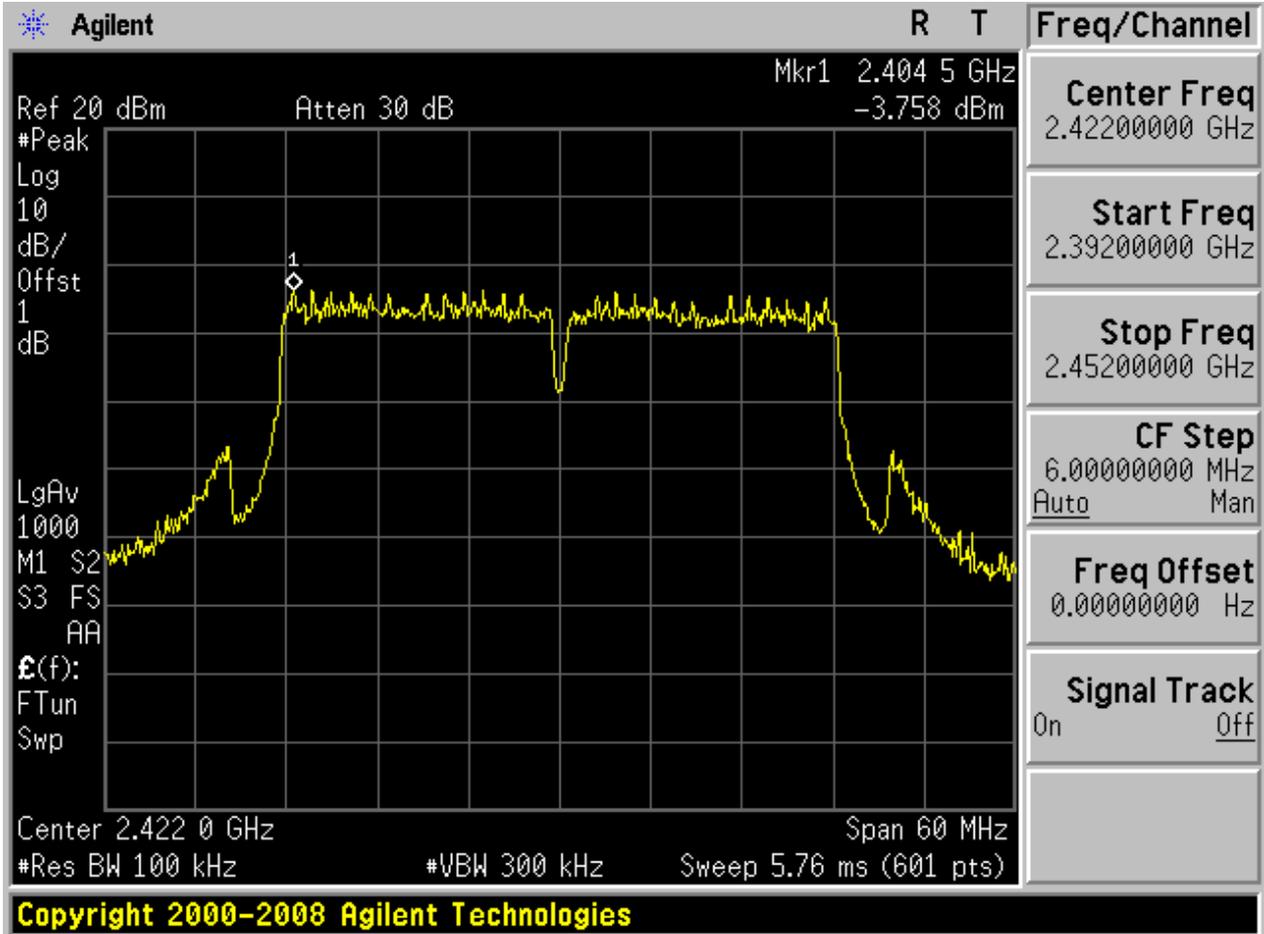




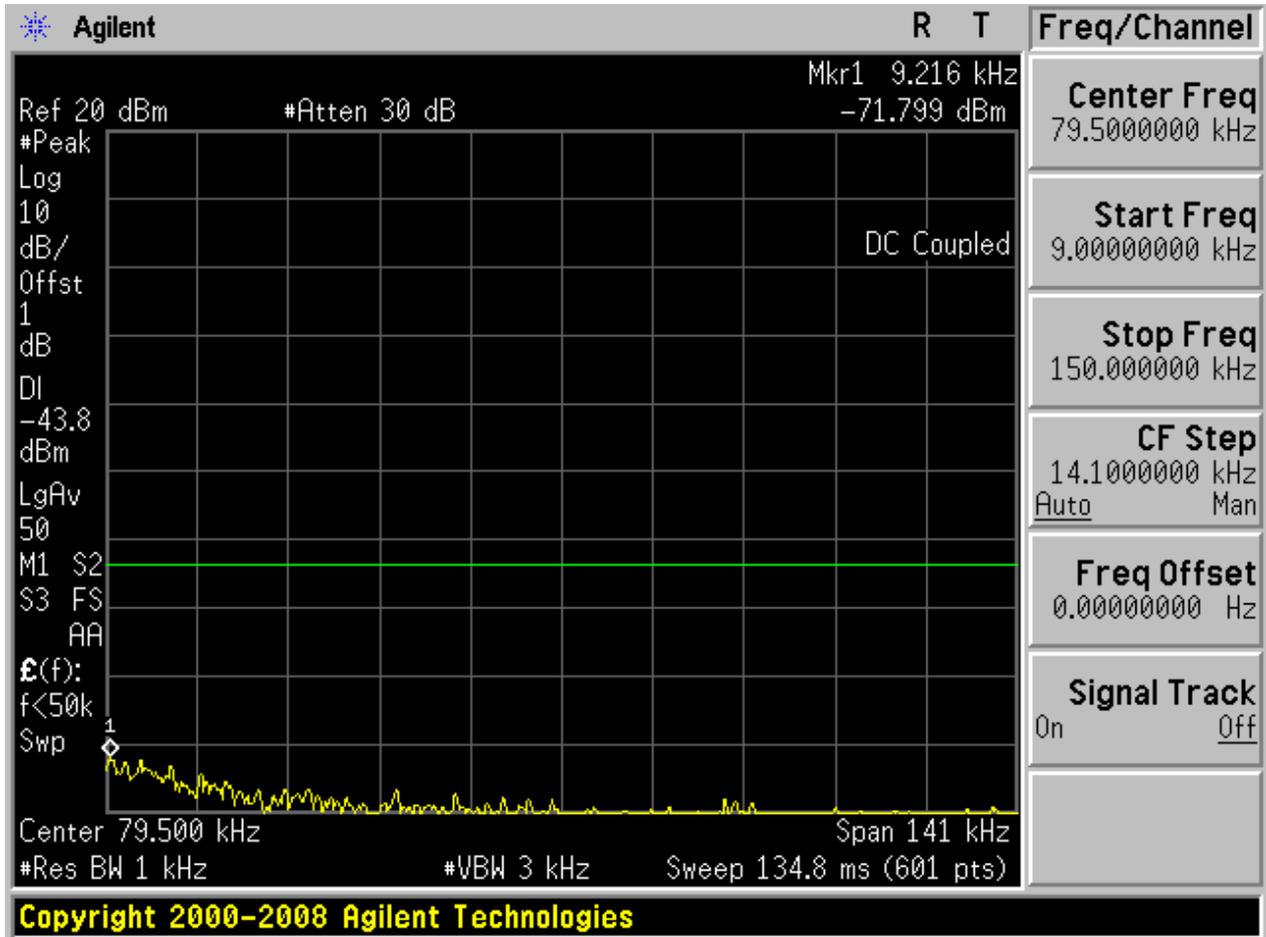


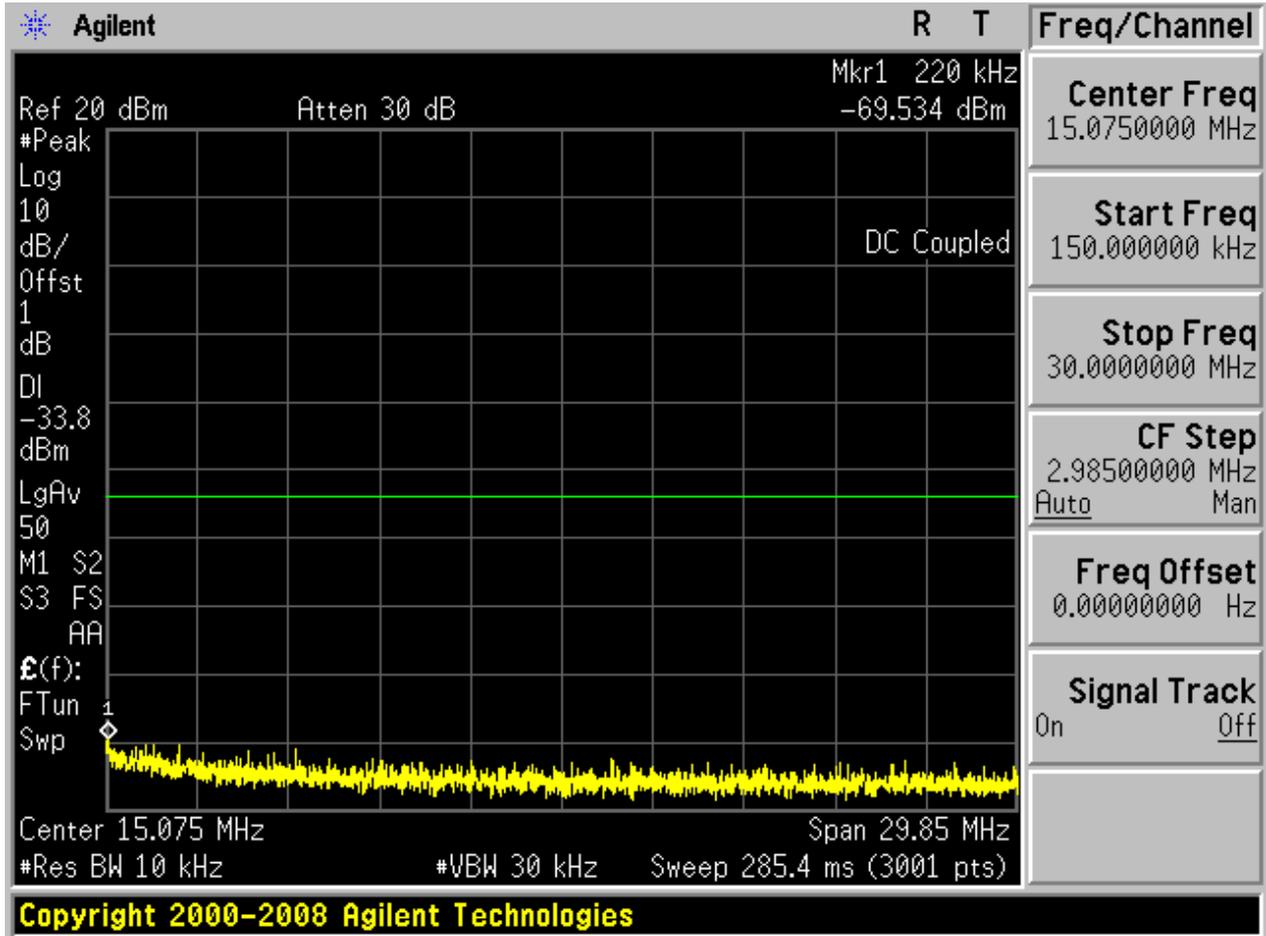
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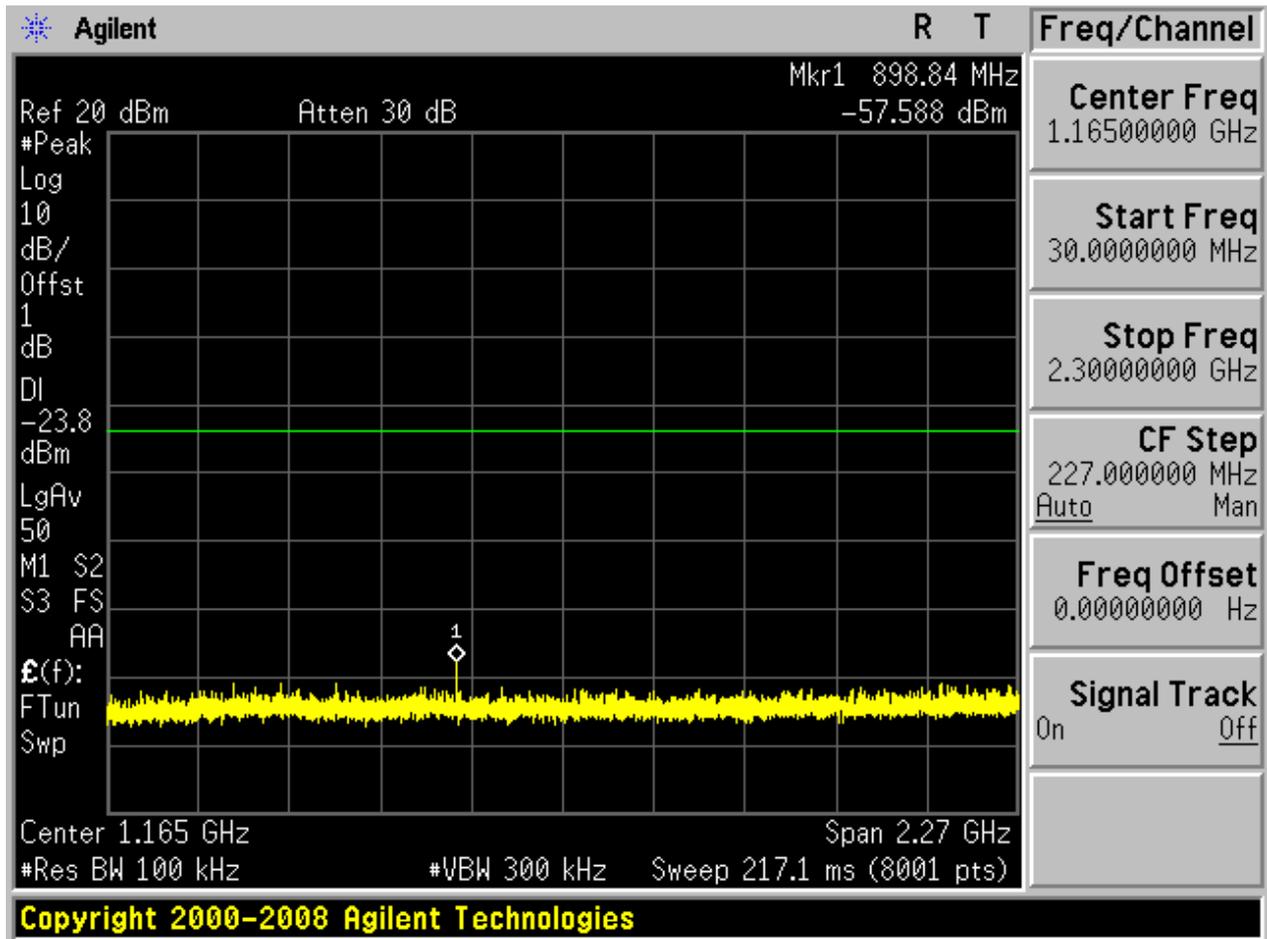
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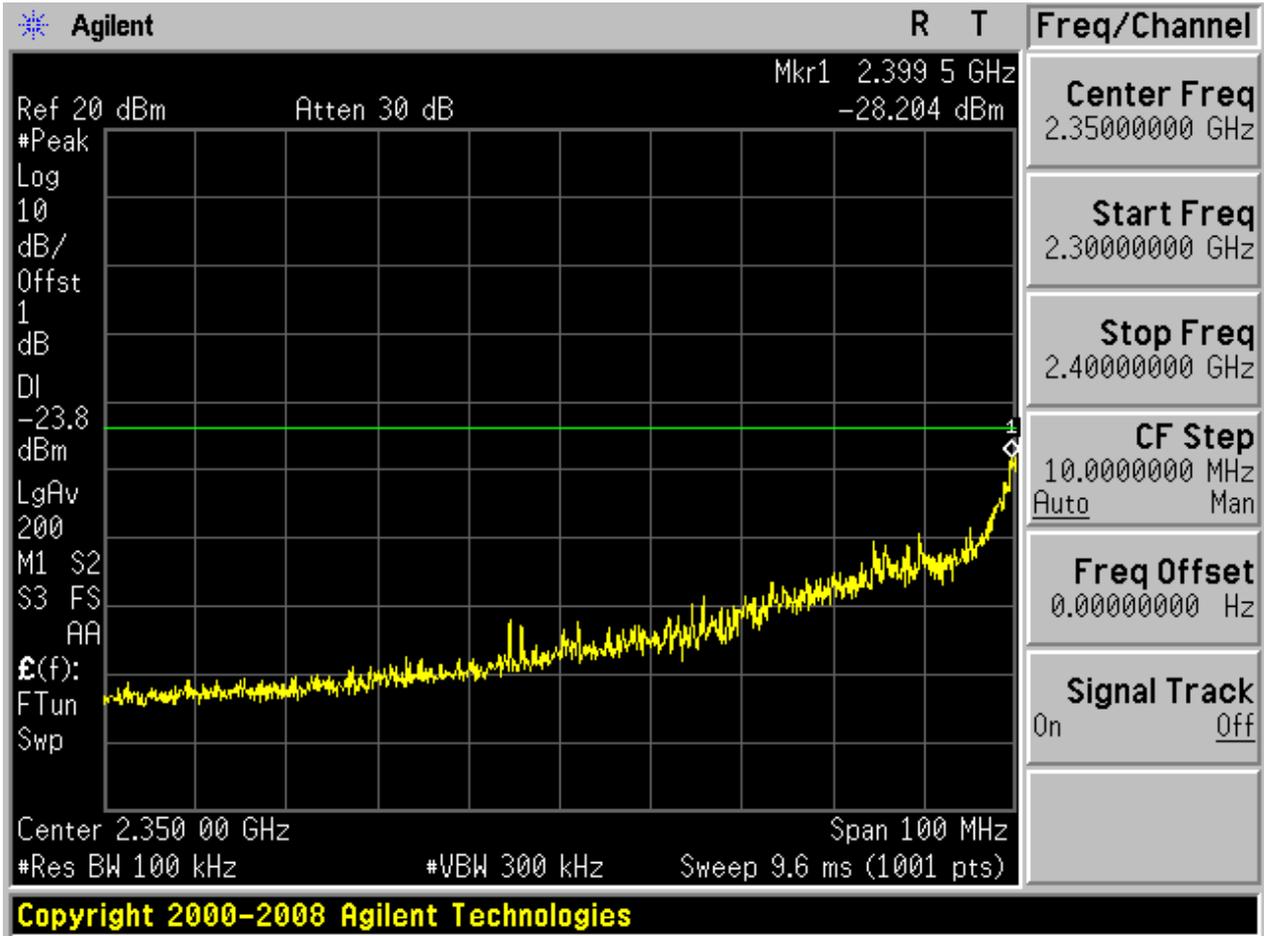


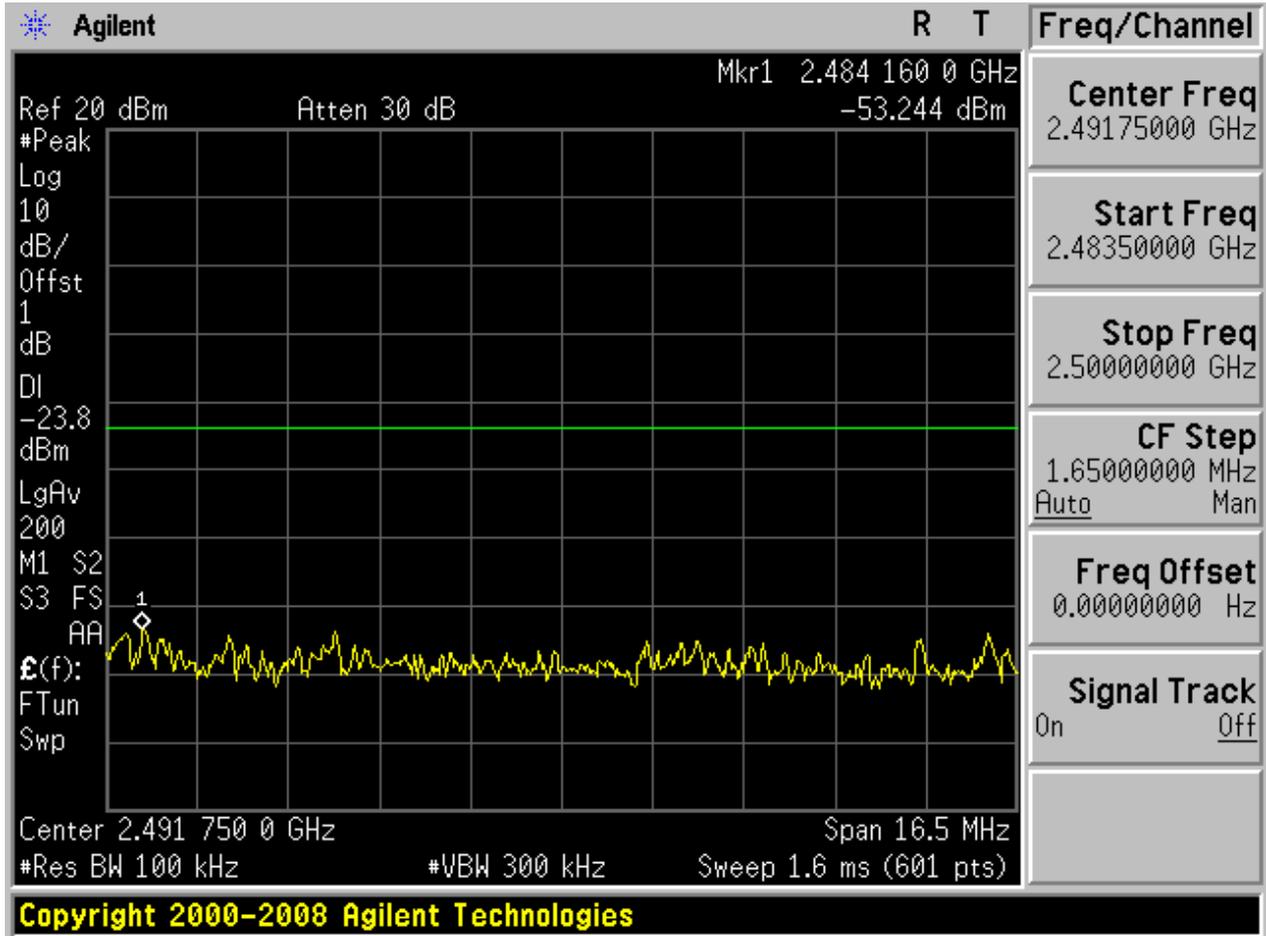
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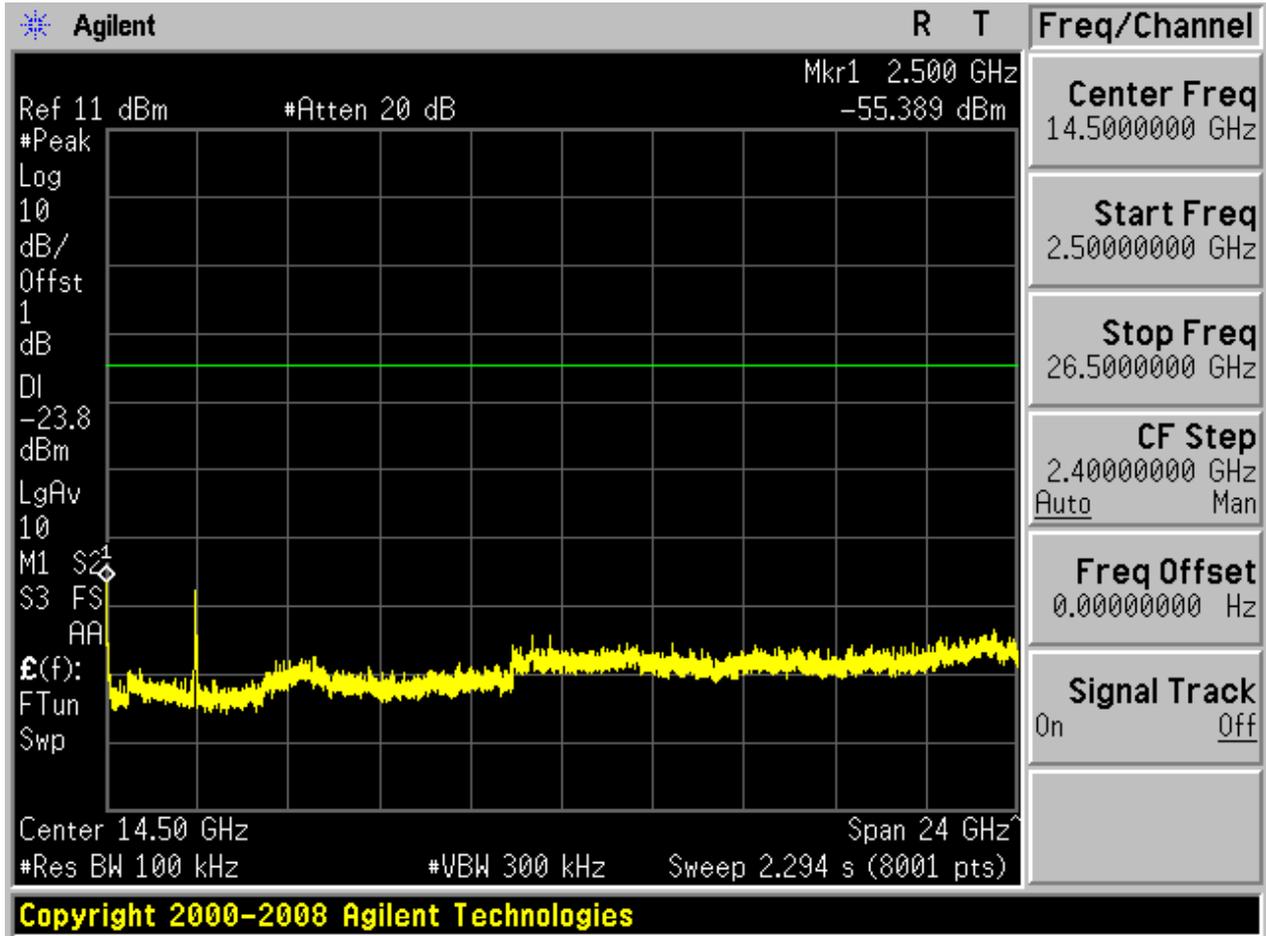






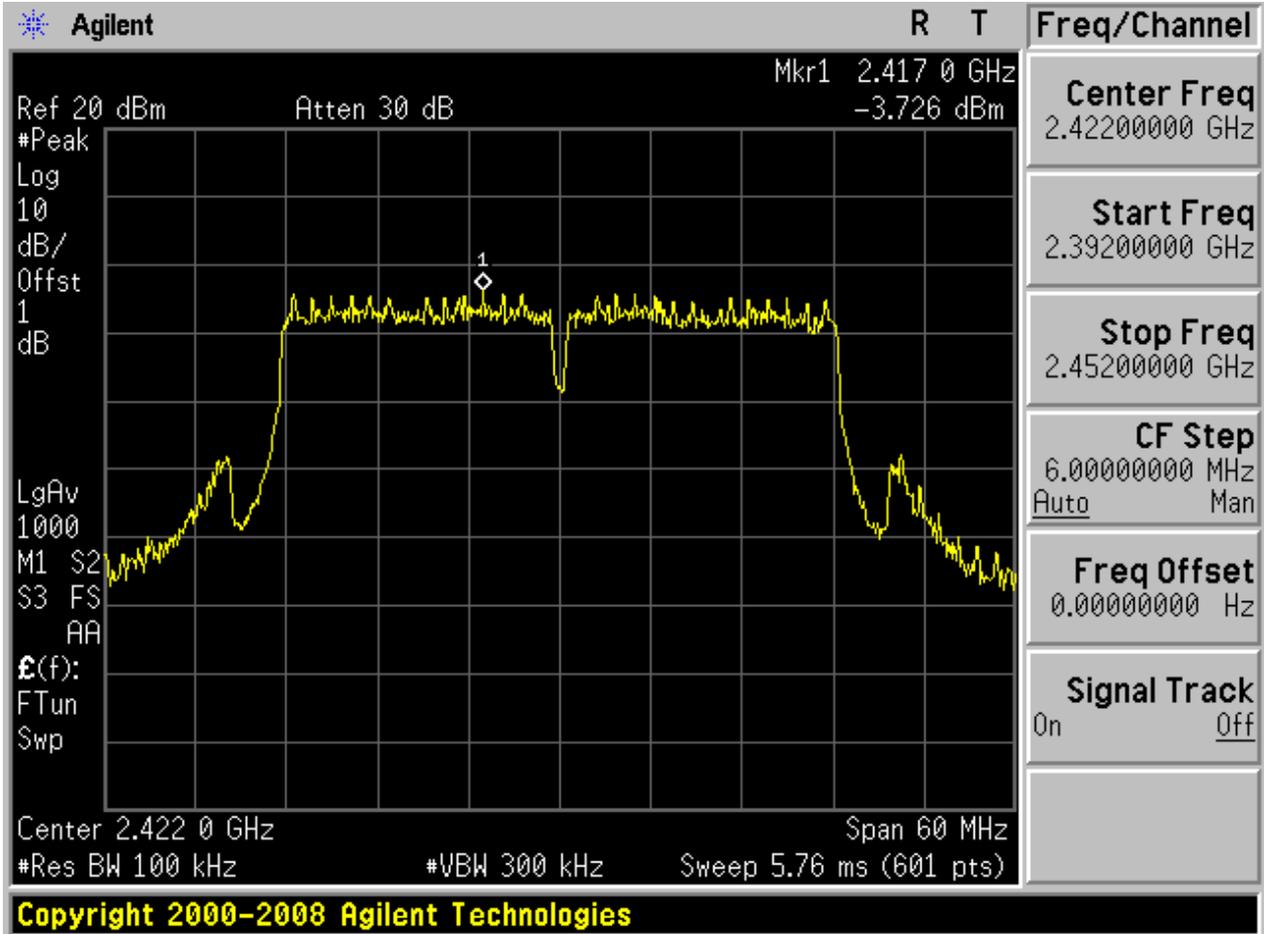




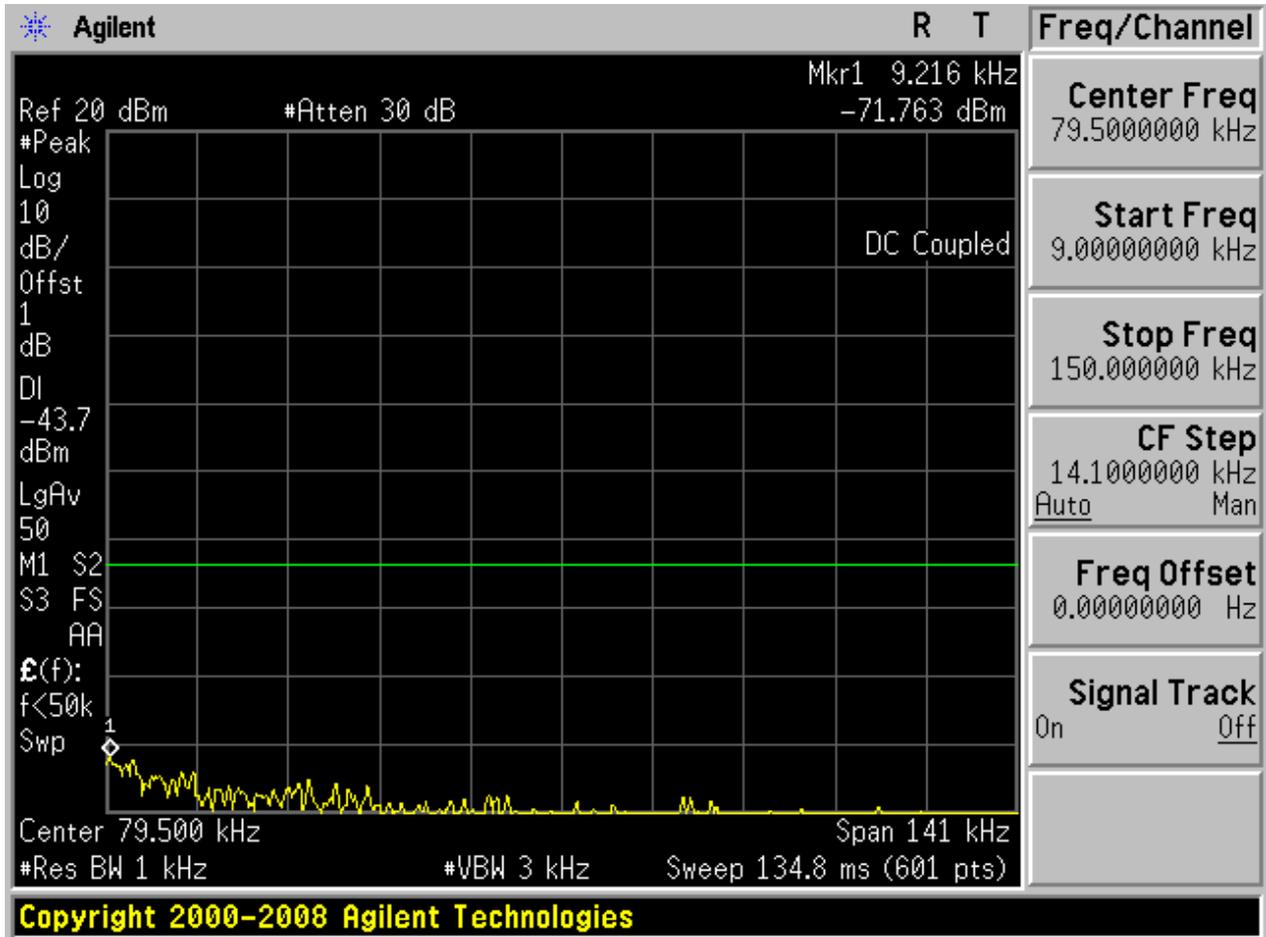


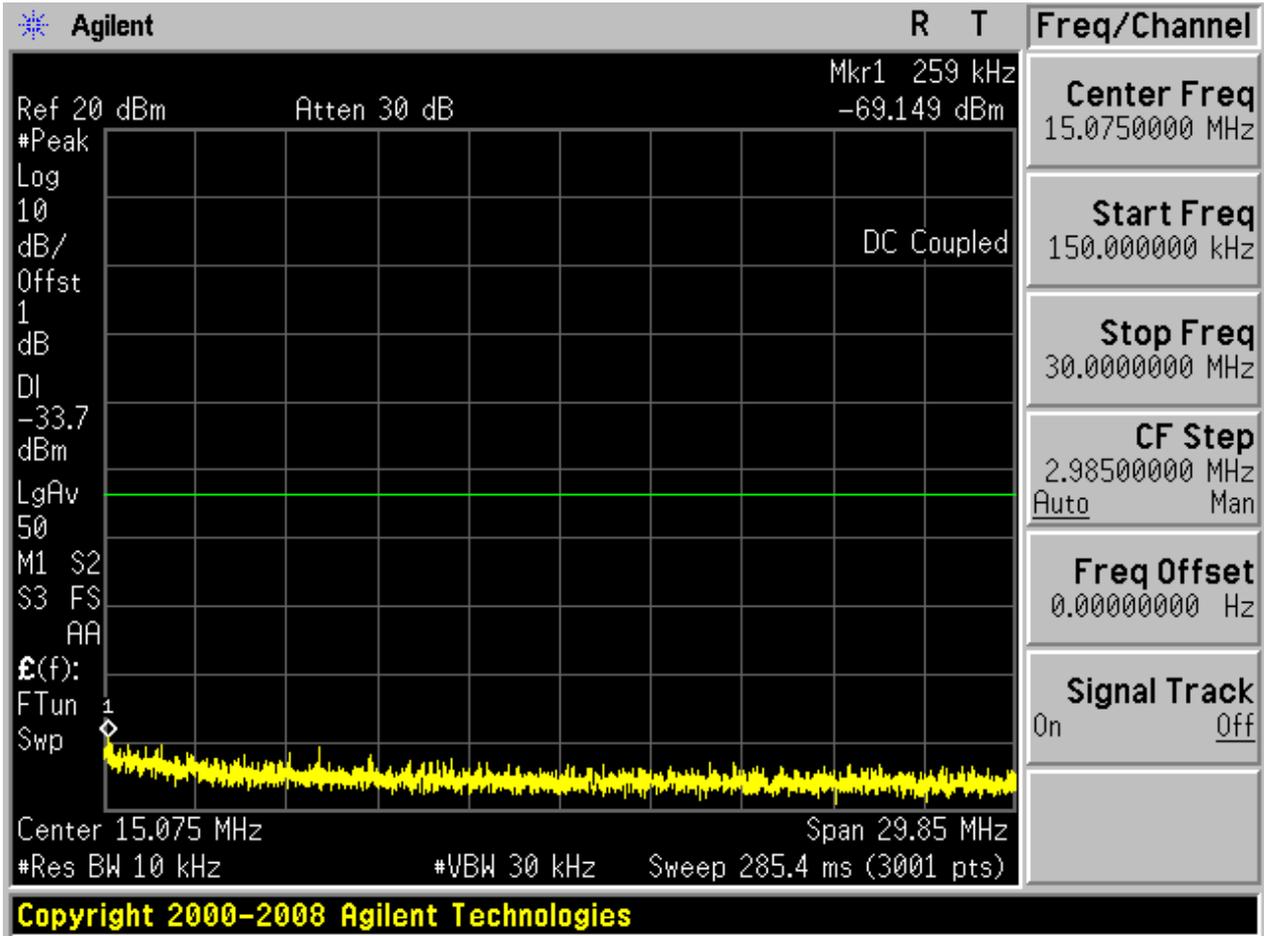
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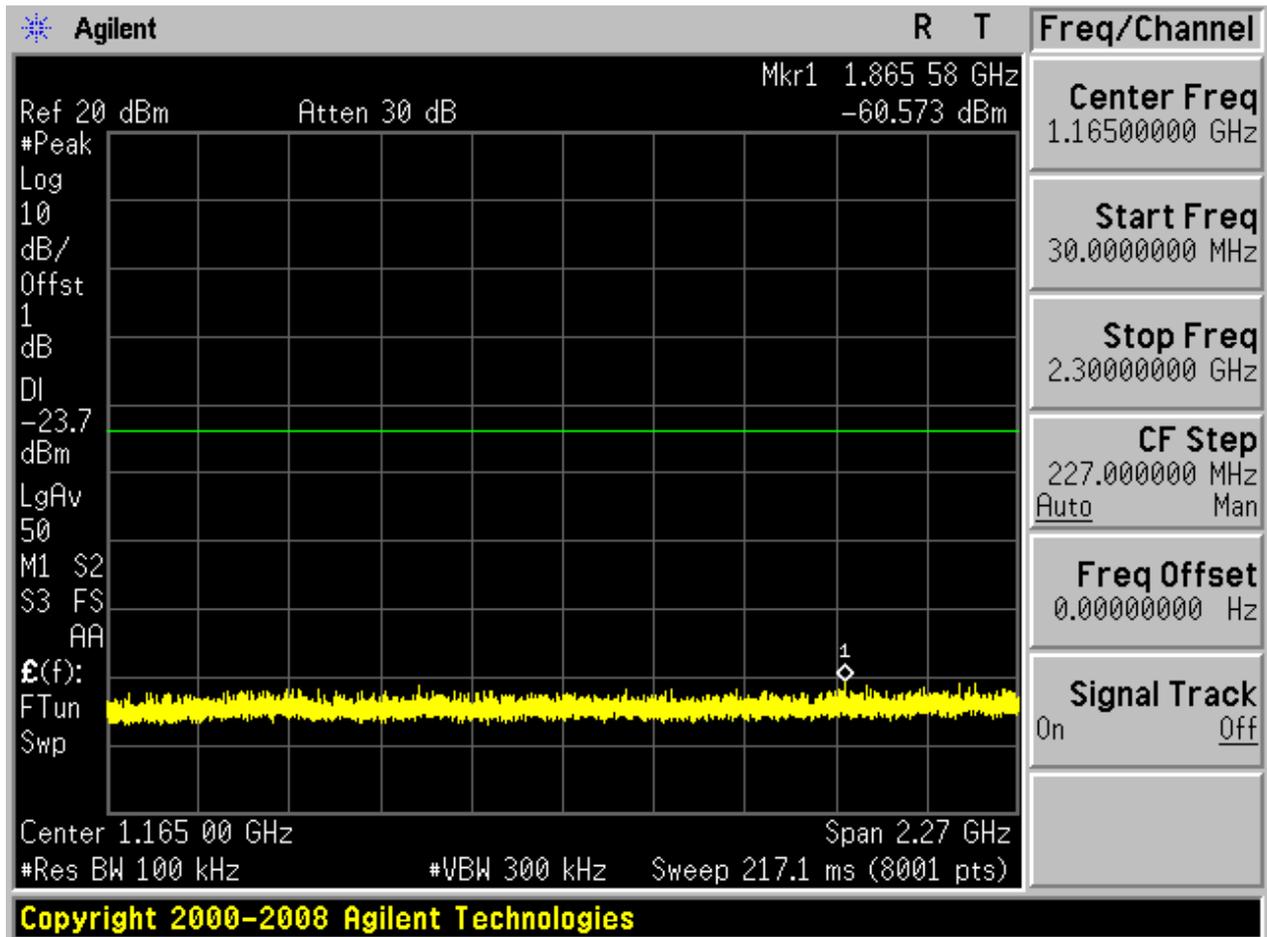
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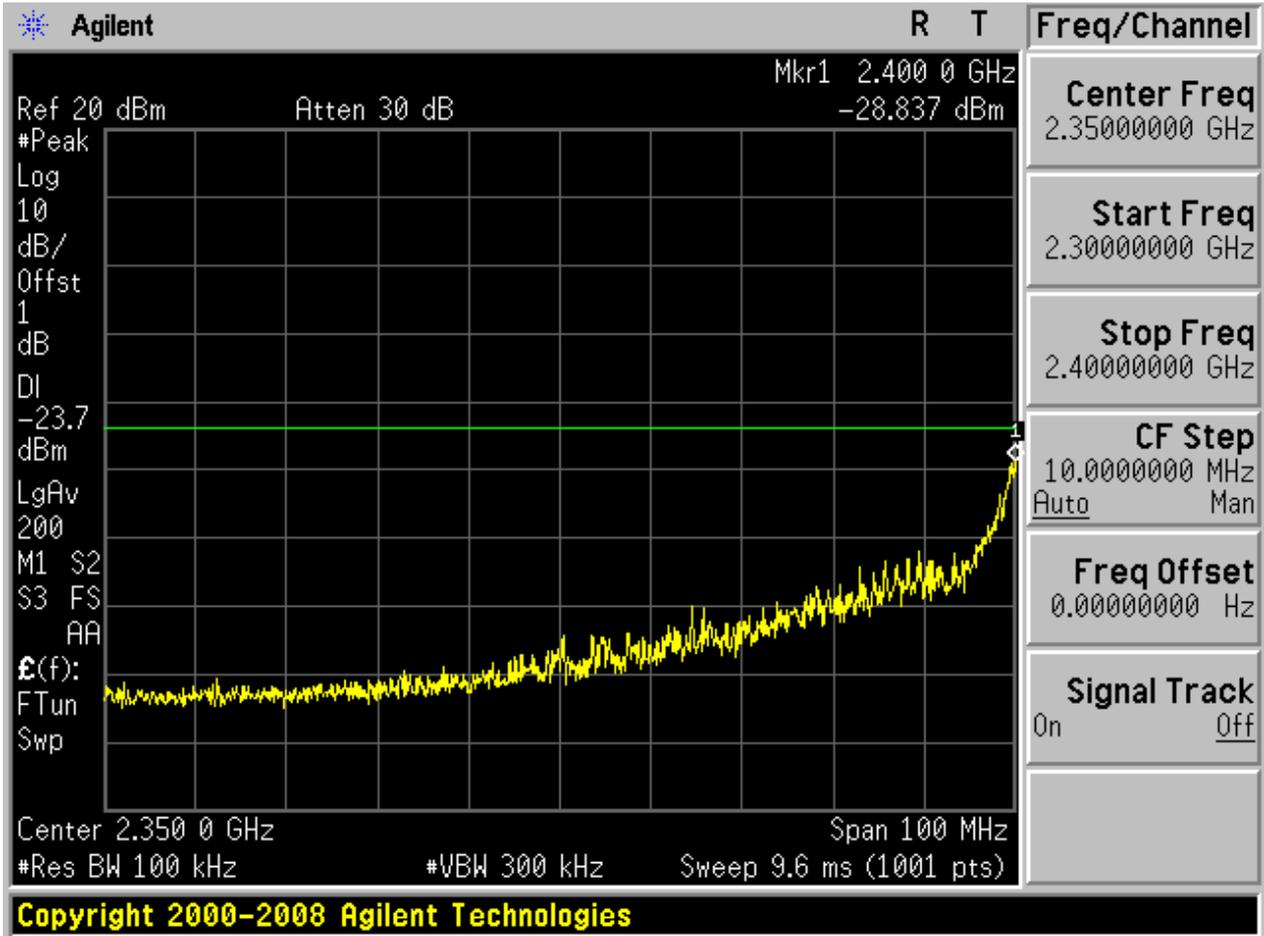


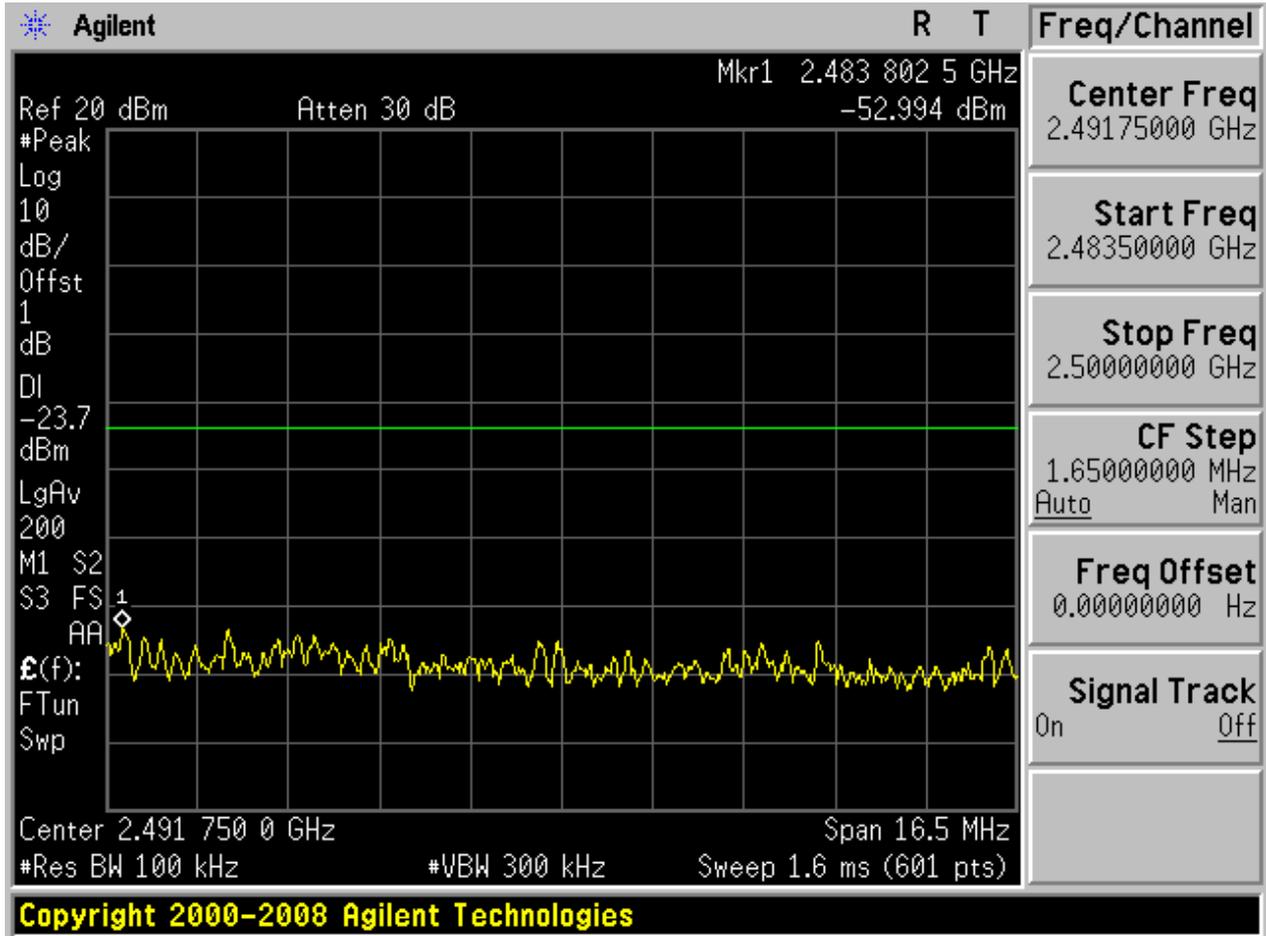
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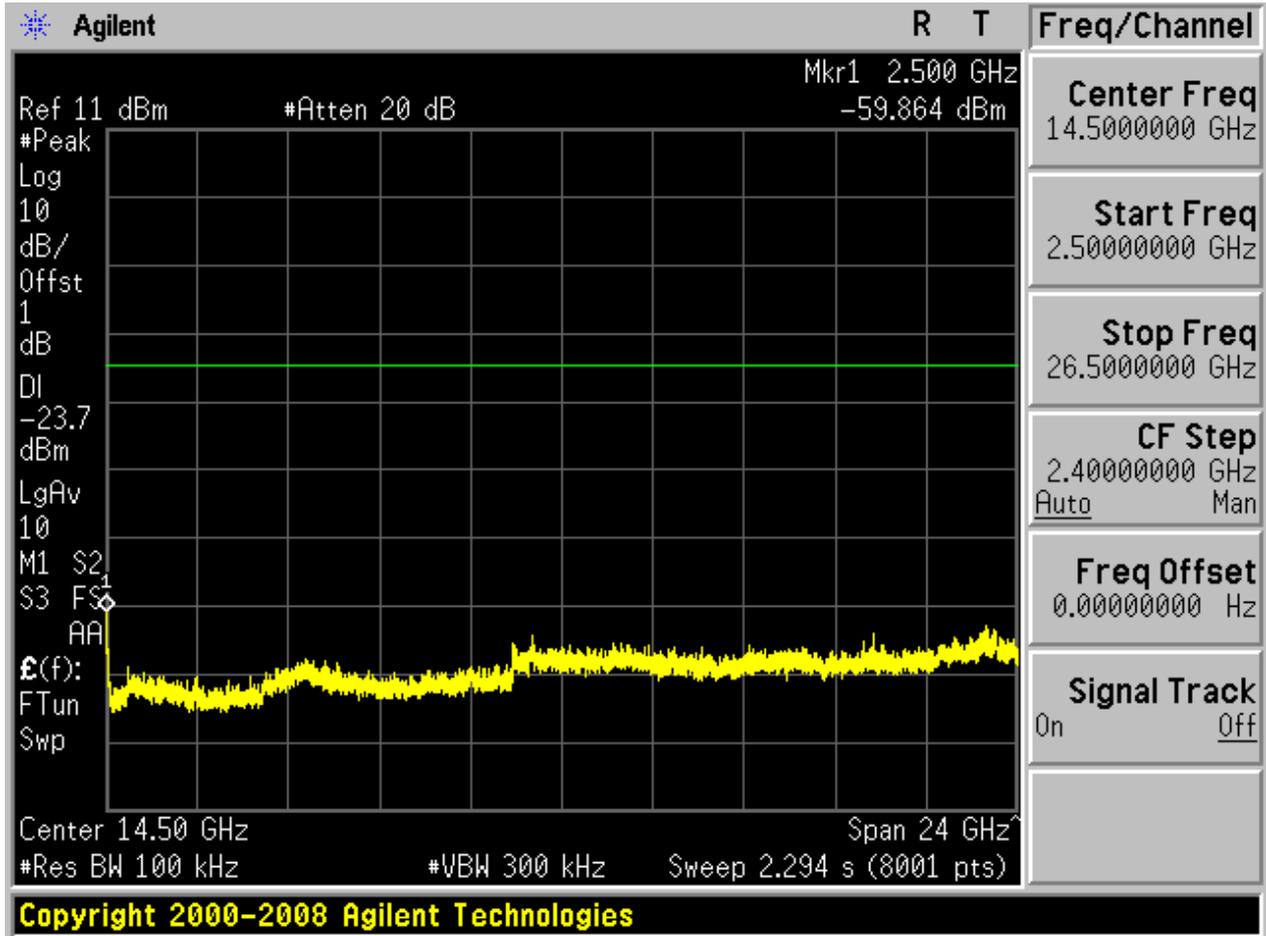








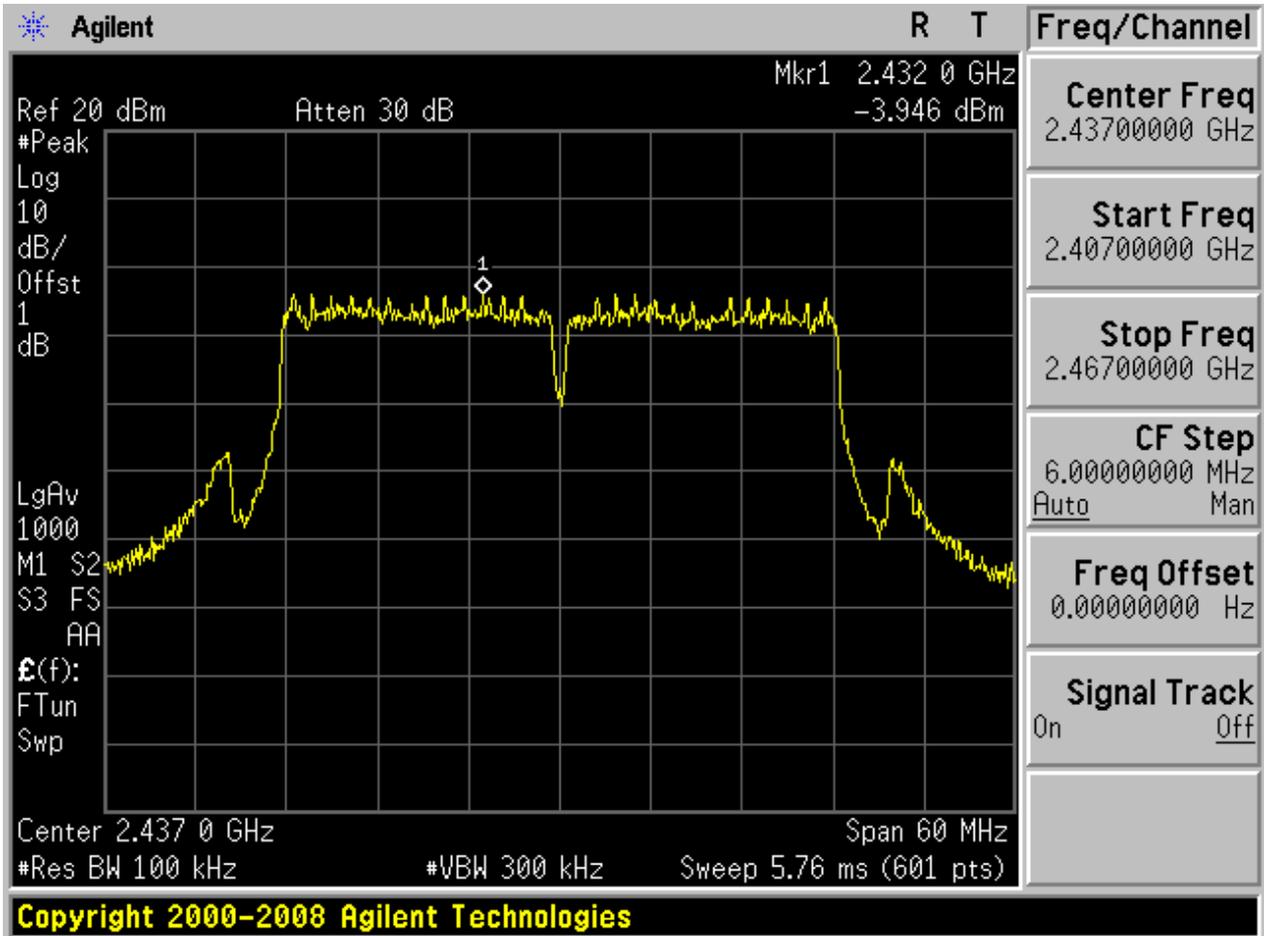




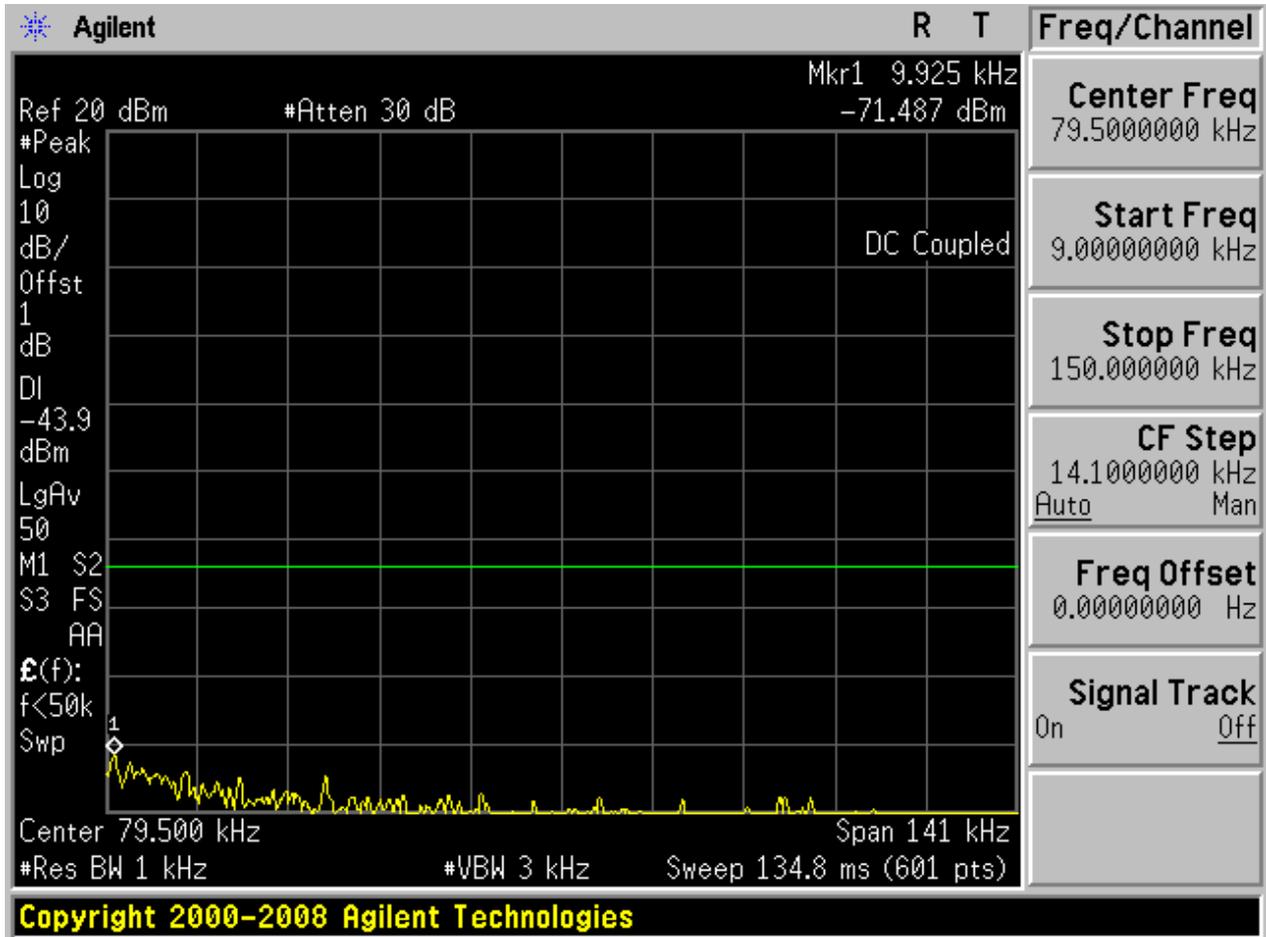


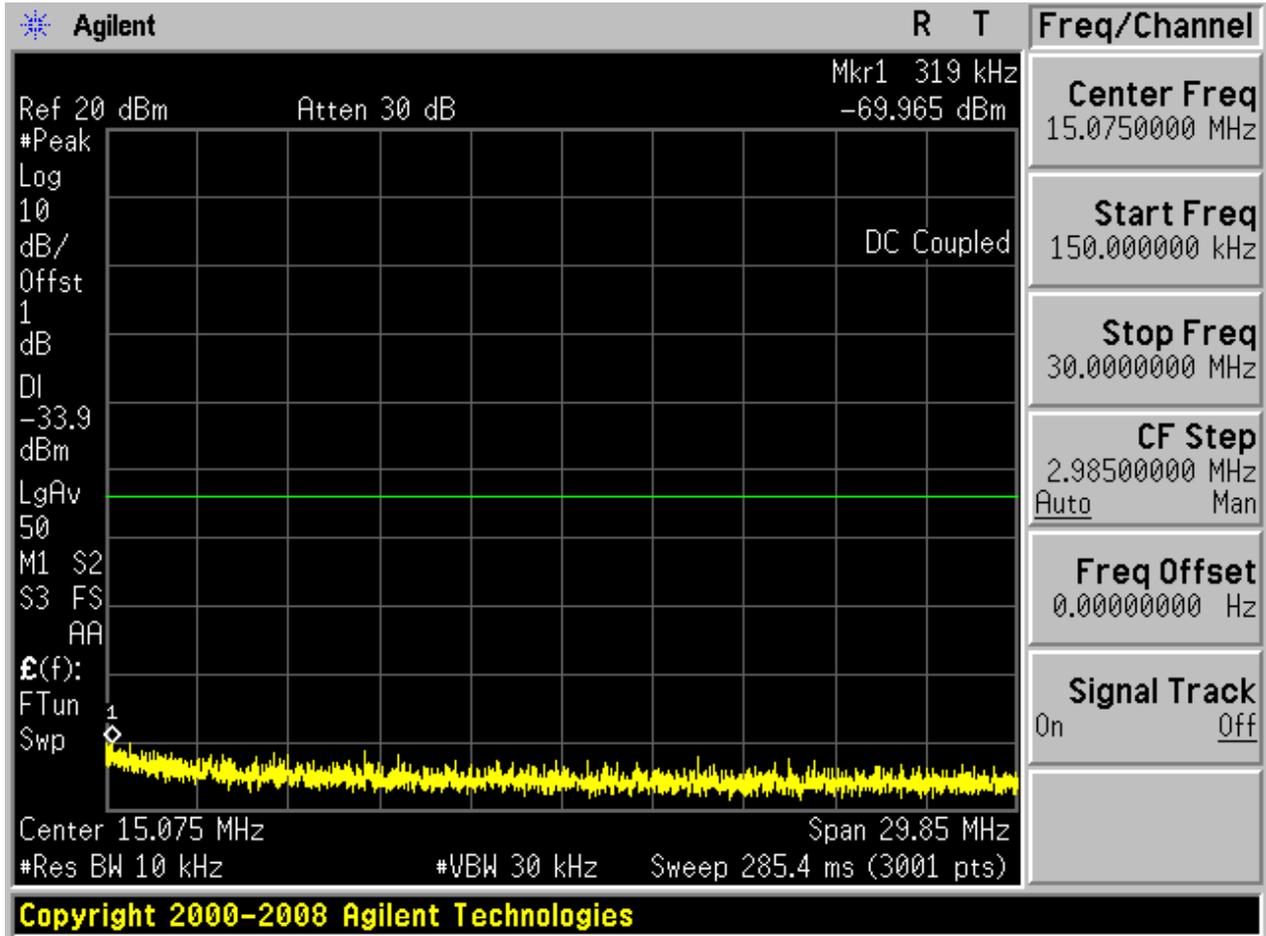
### 2.33 11N40m\_M@Ant 1

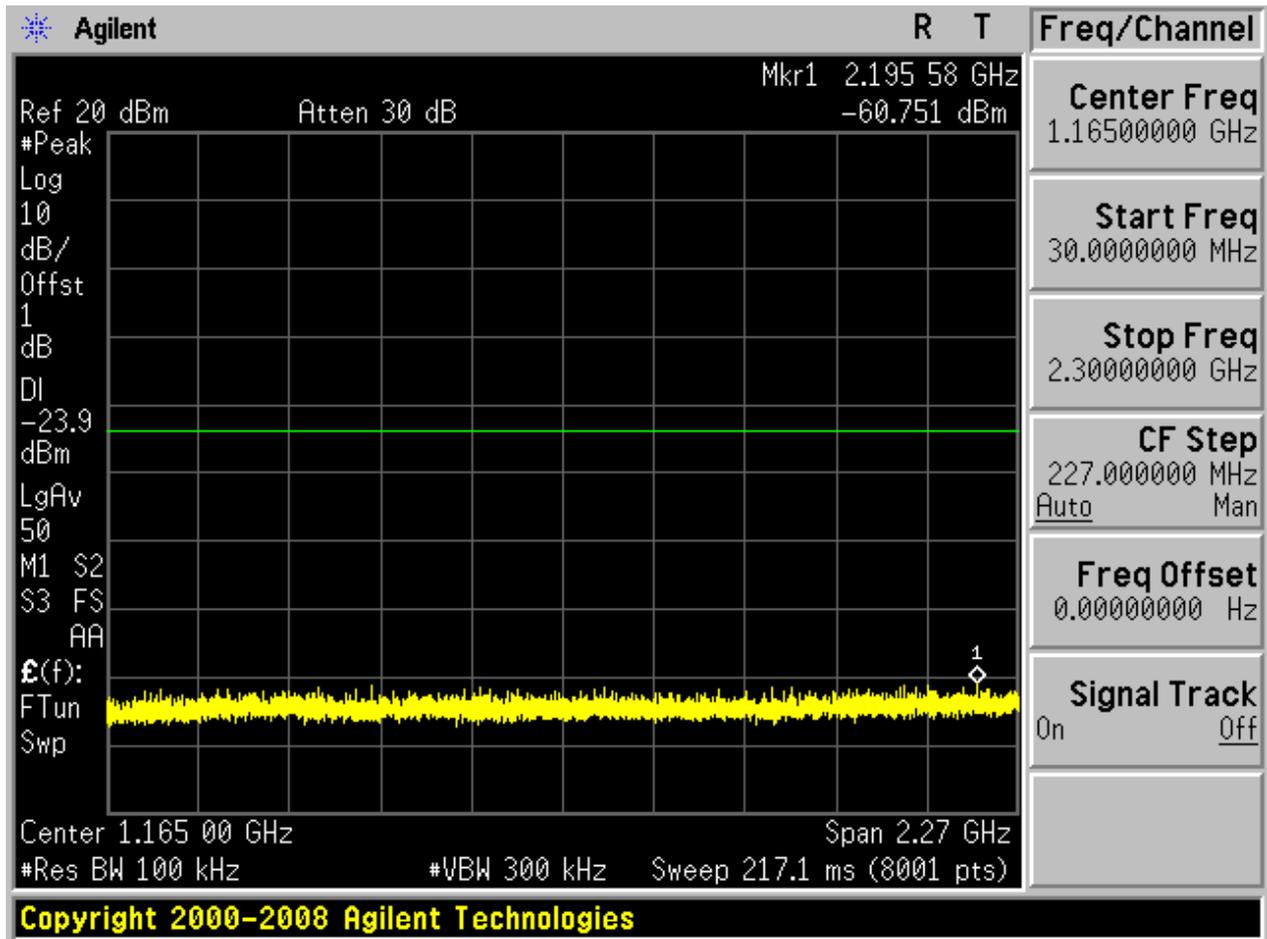
Pref:

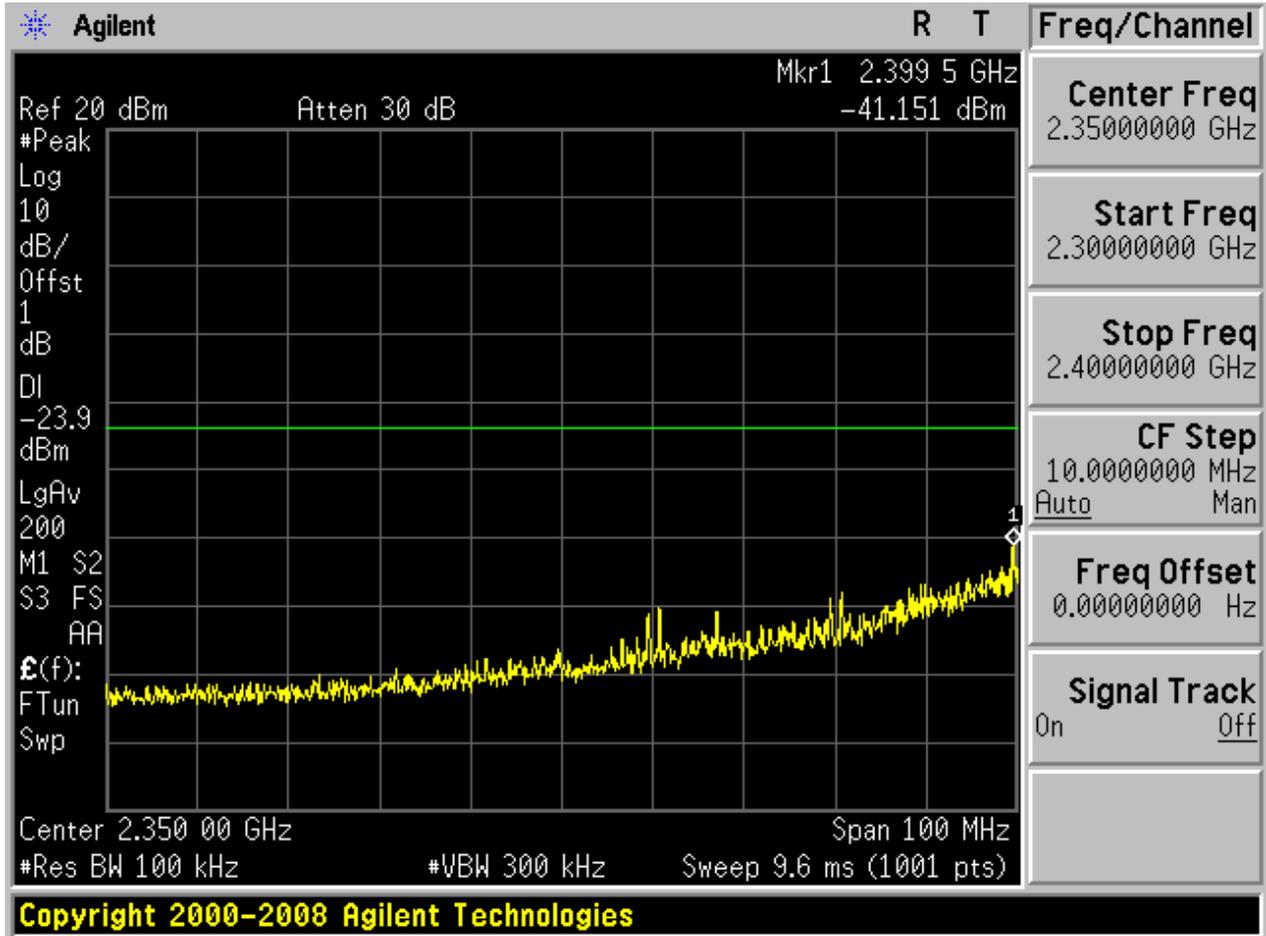


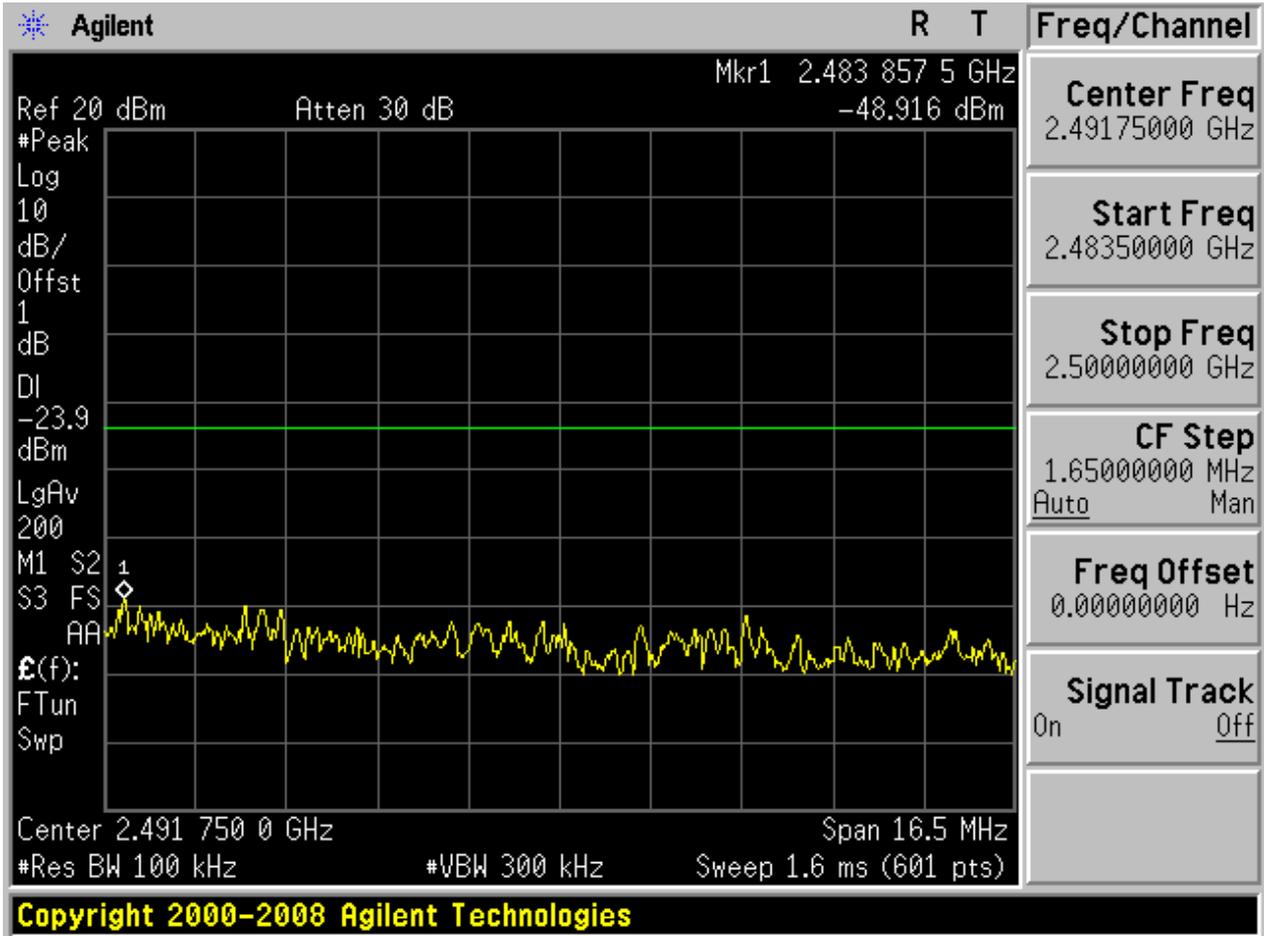
Puw:

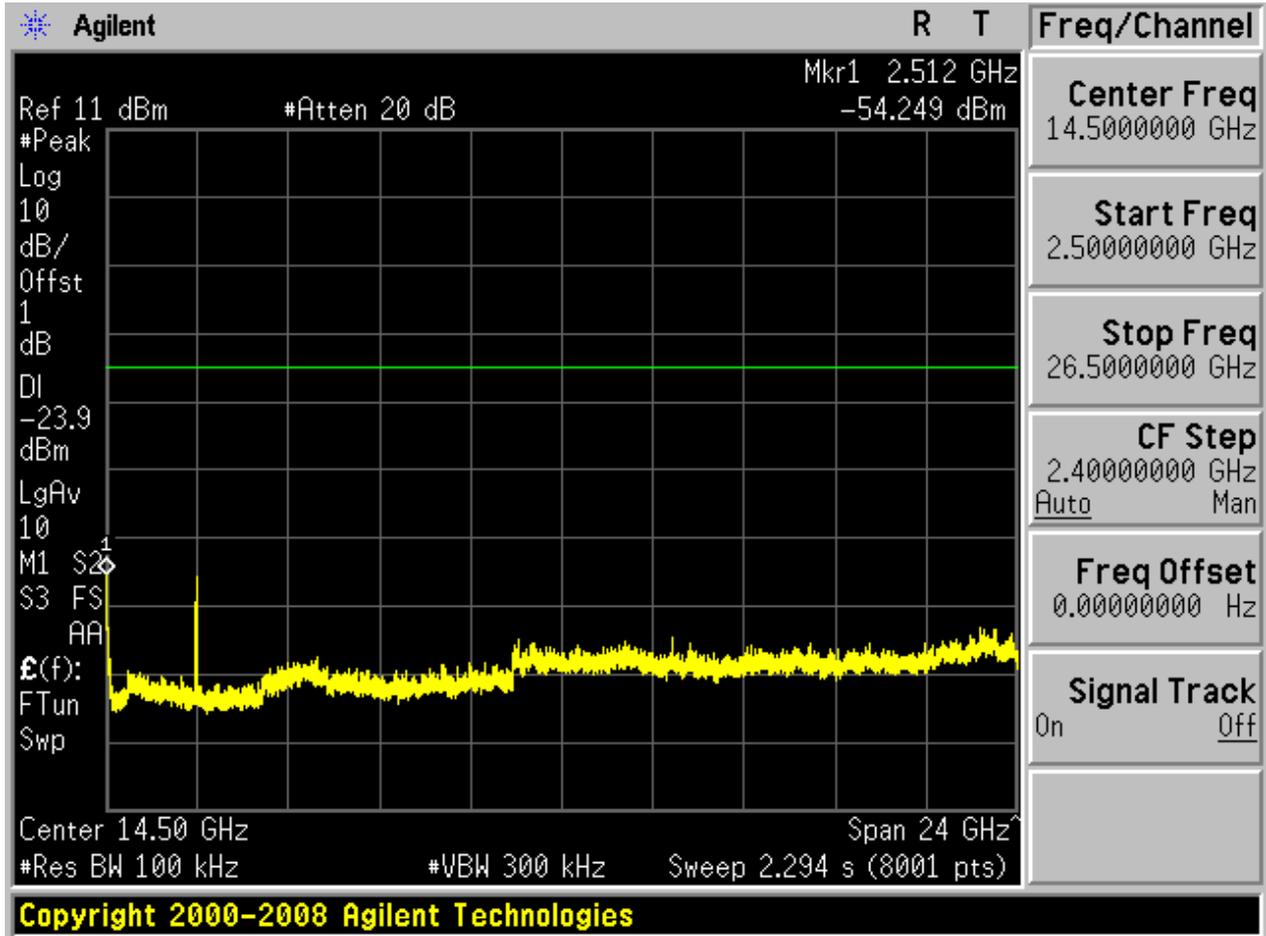






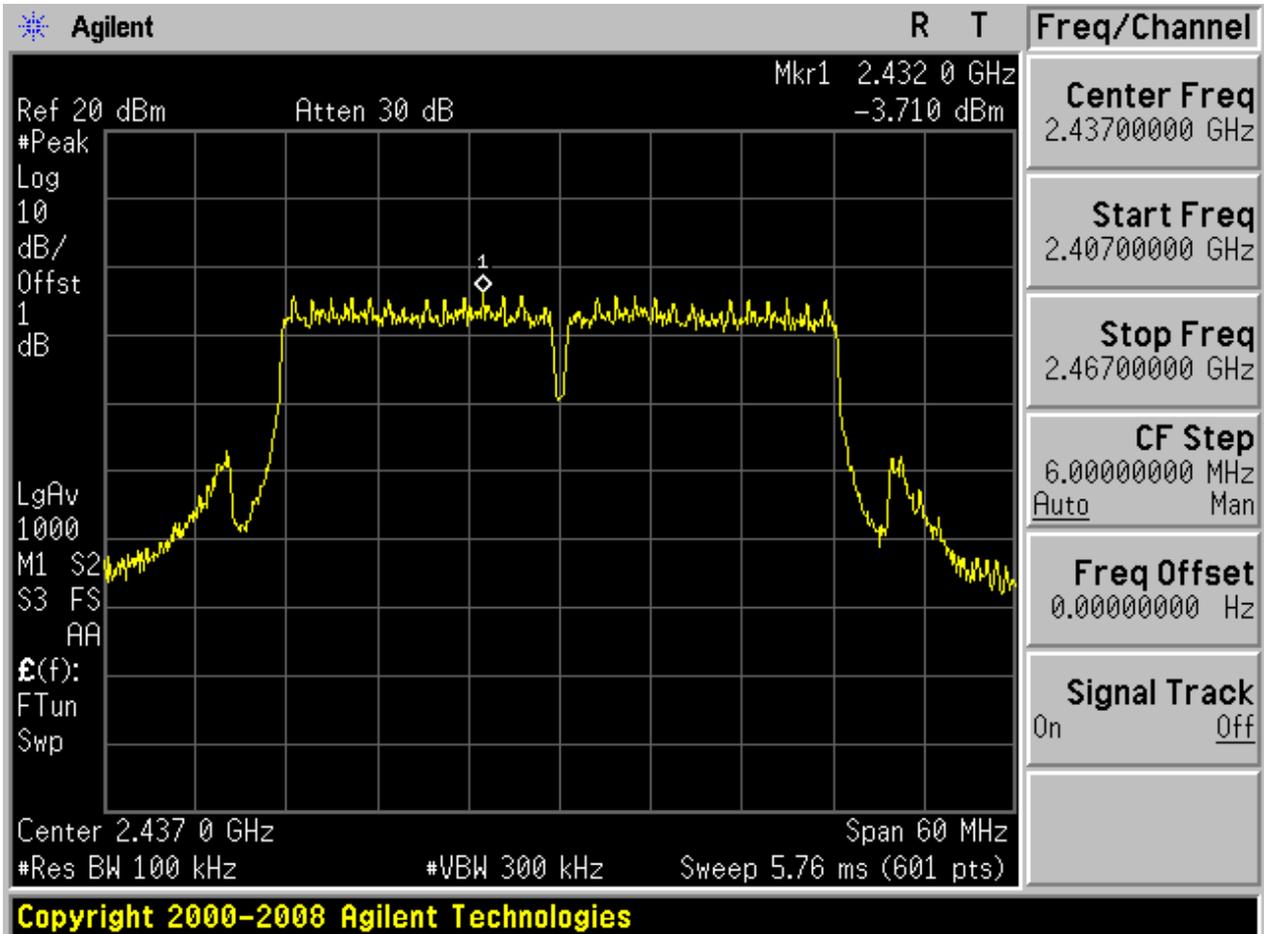




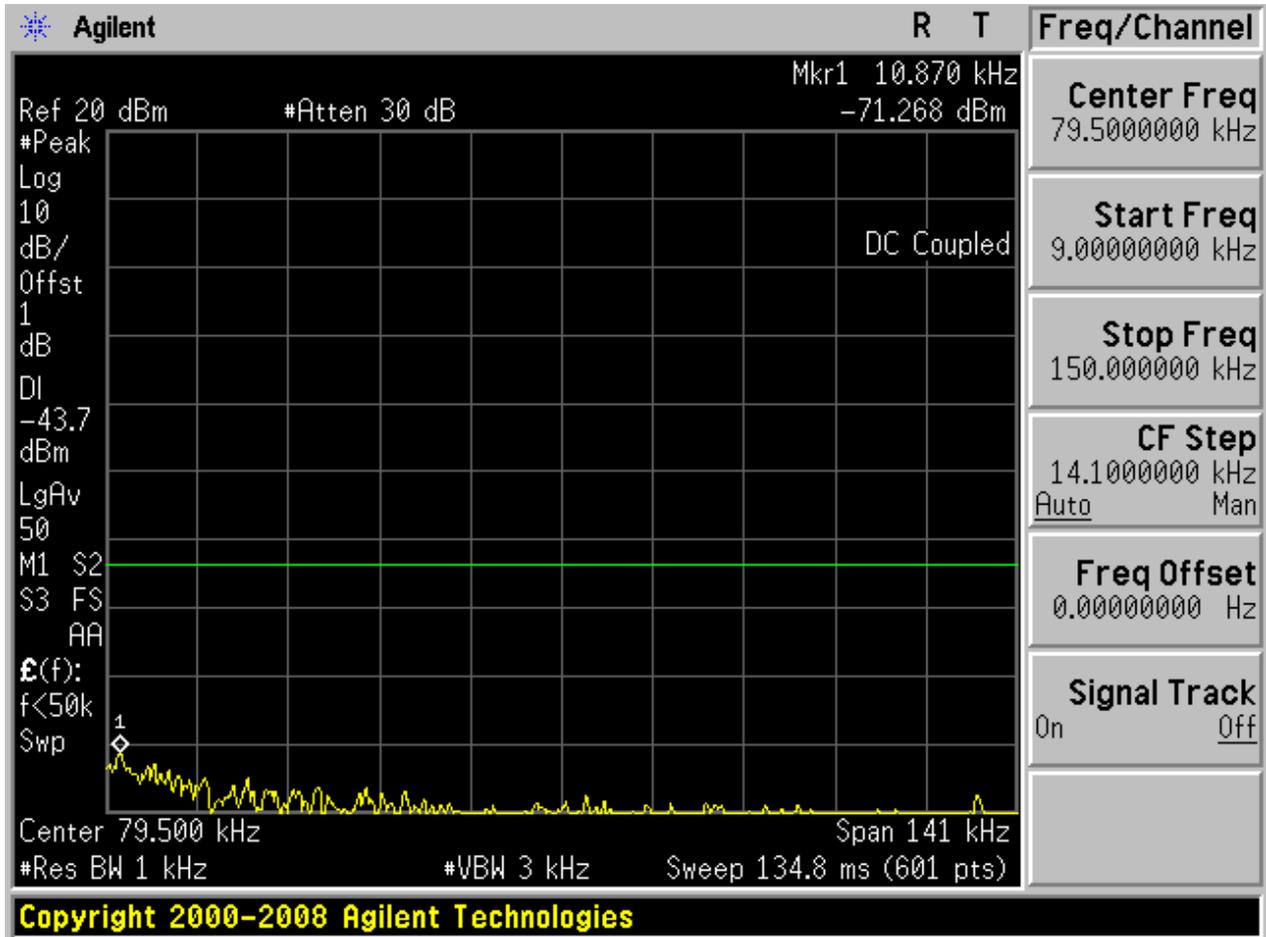


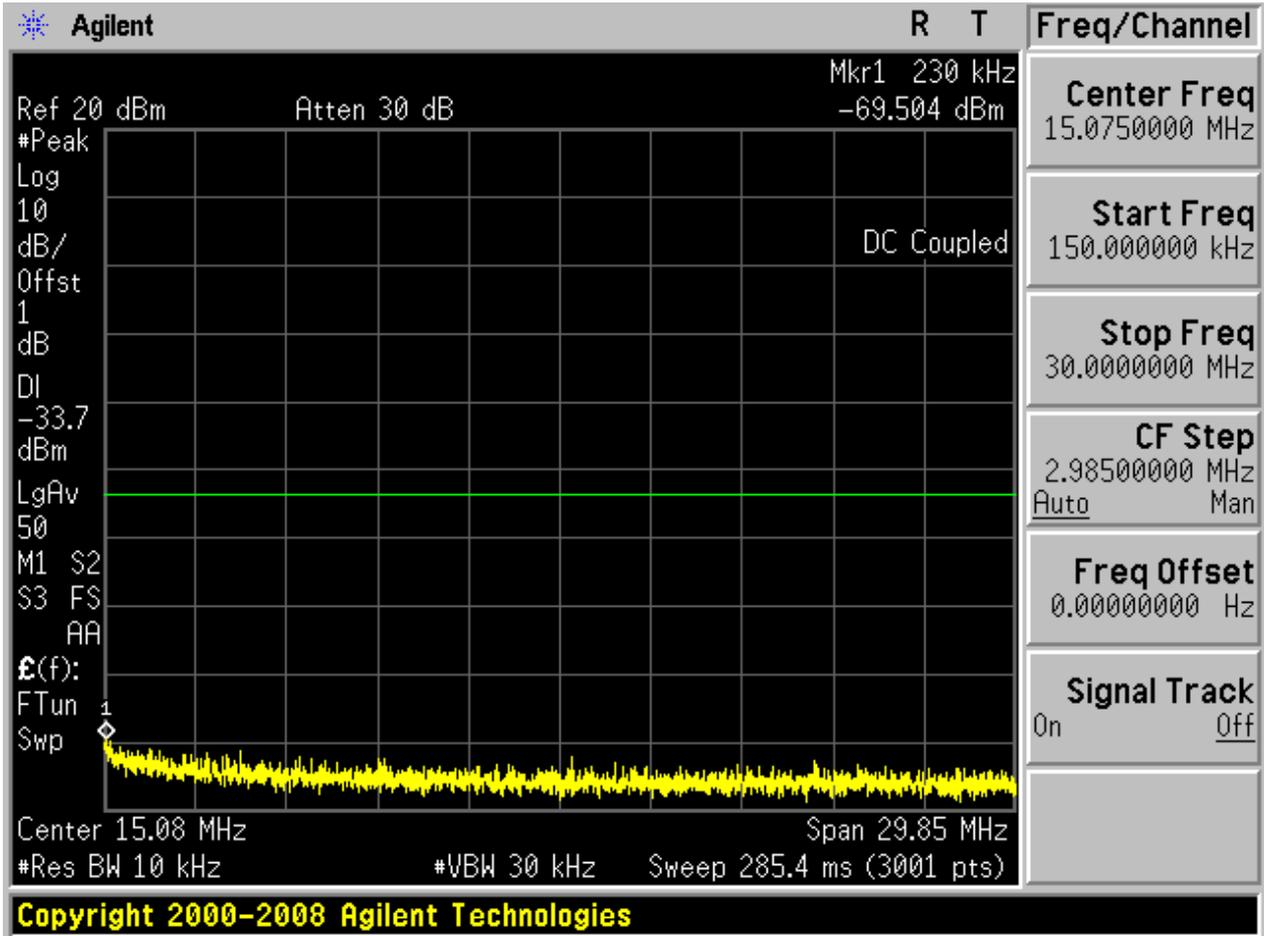
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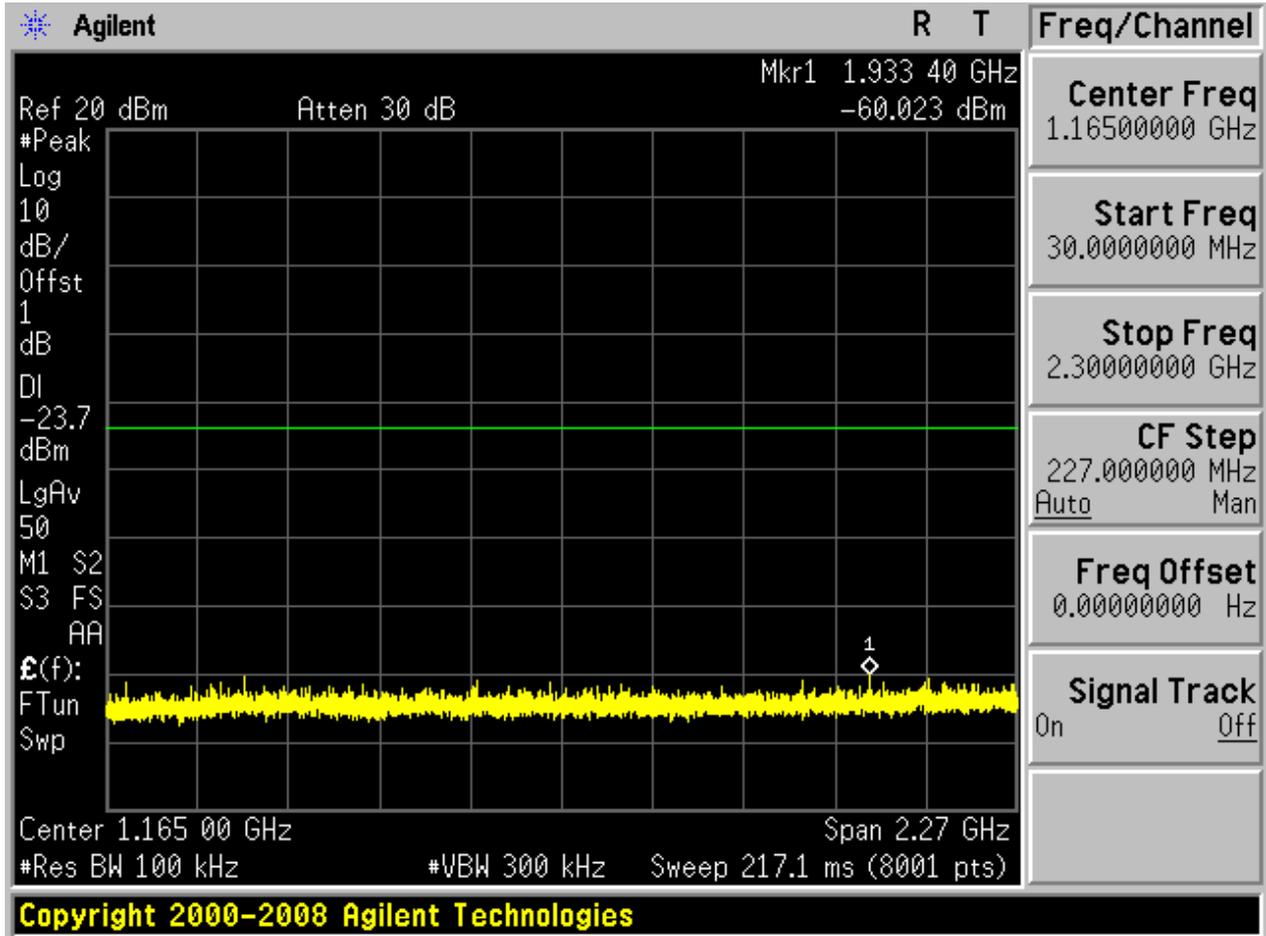
Pref:

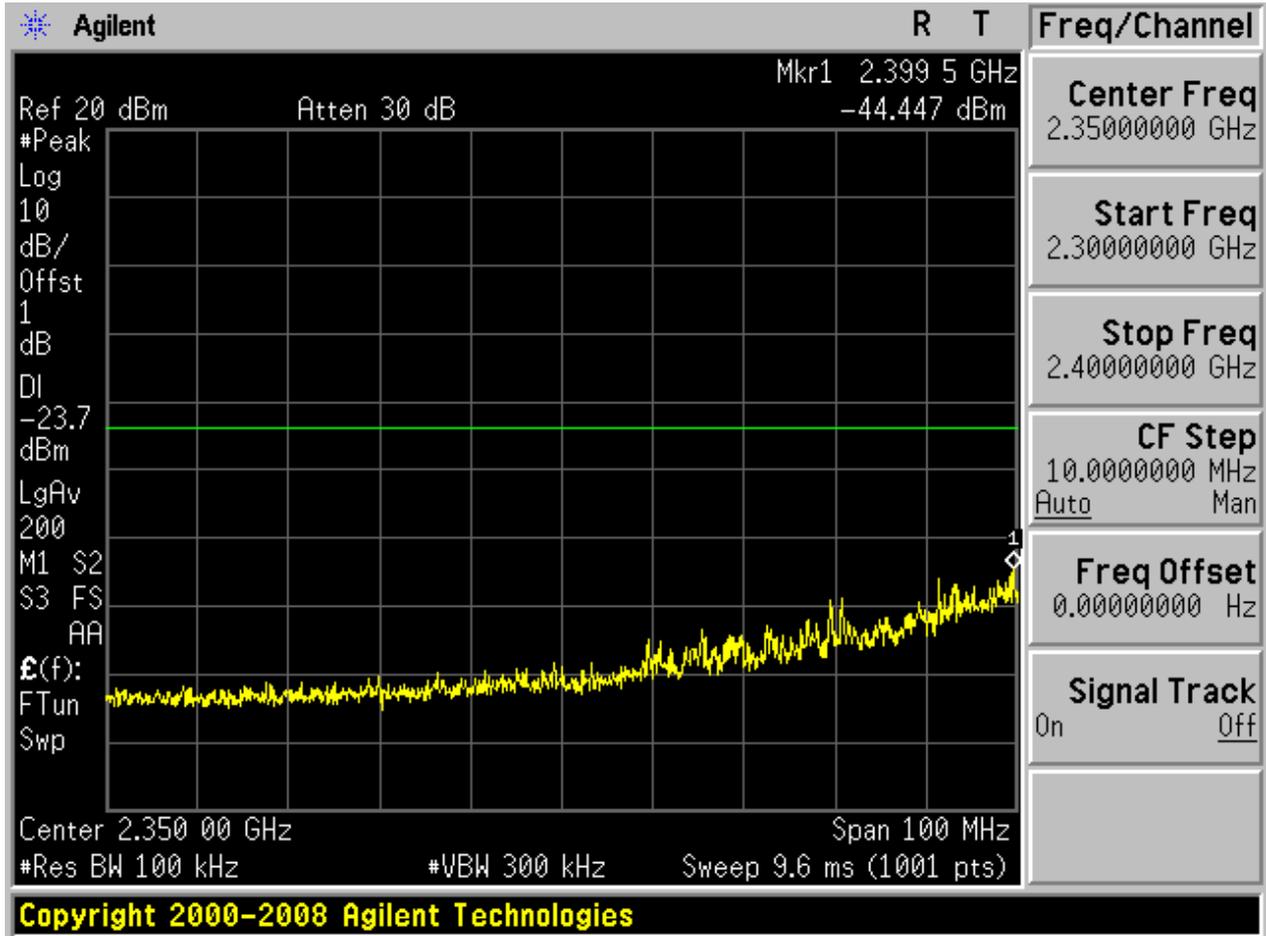


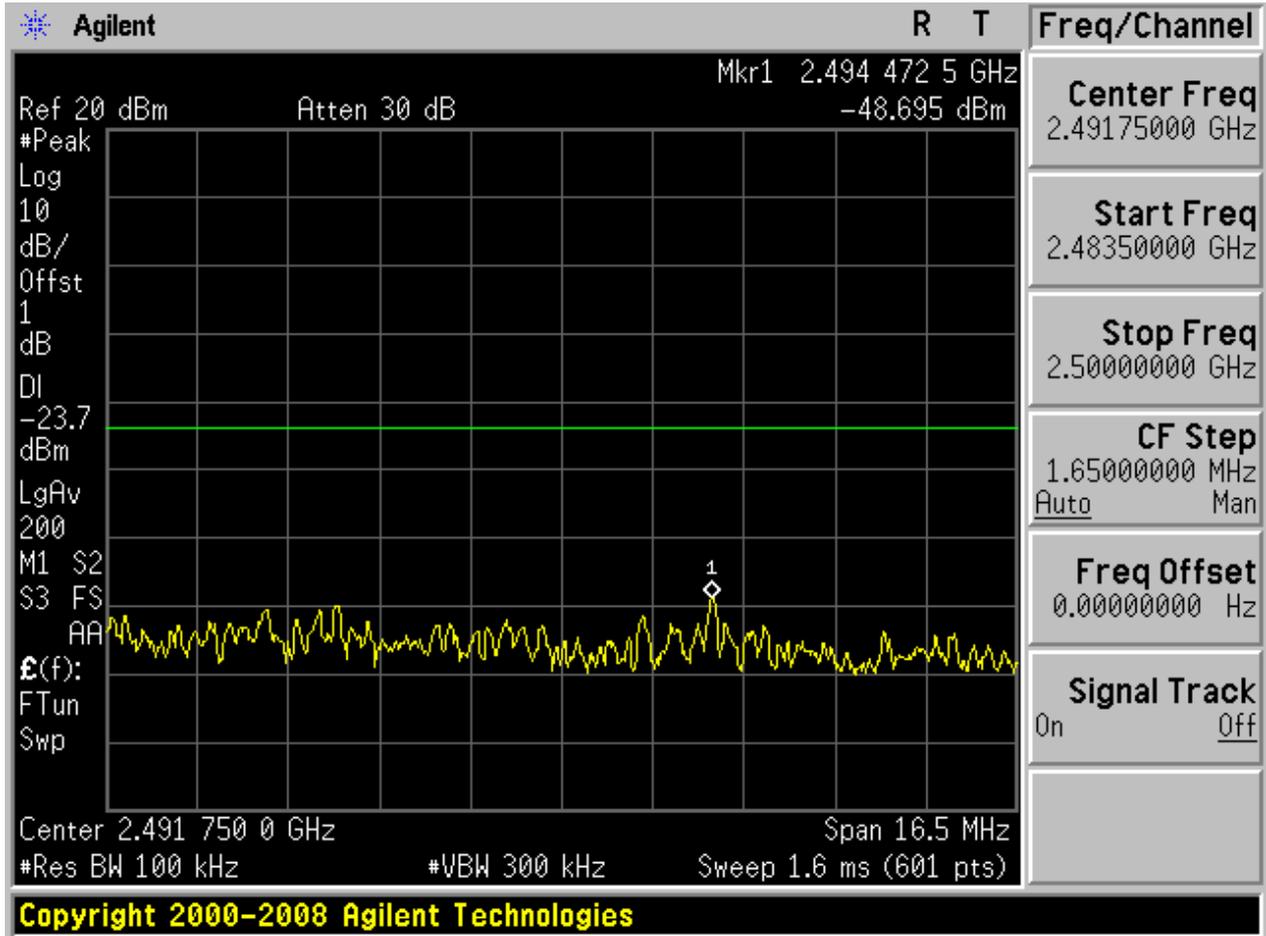
Puw:

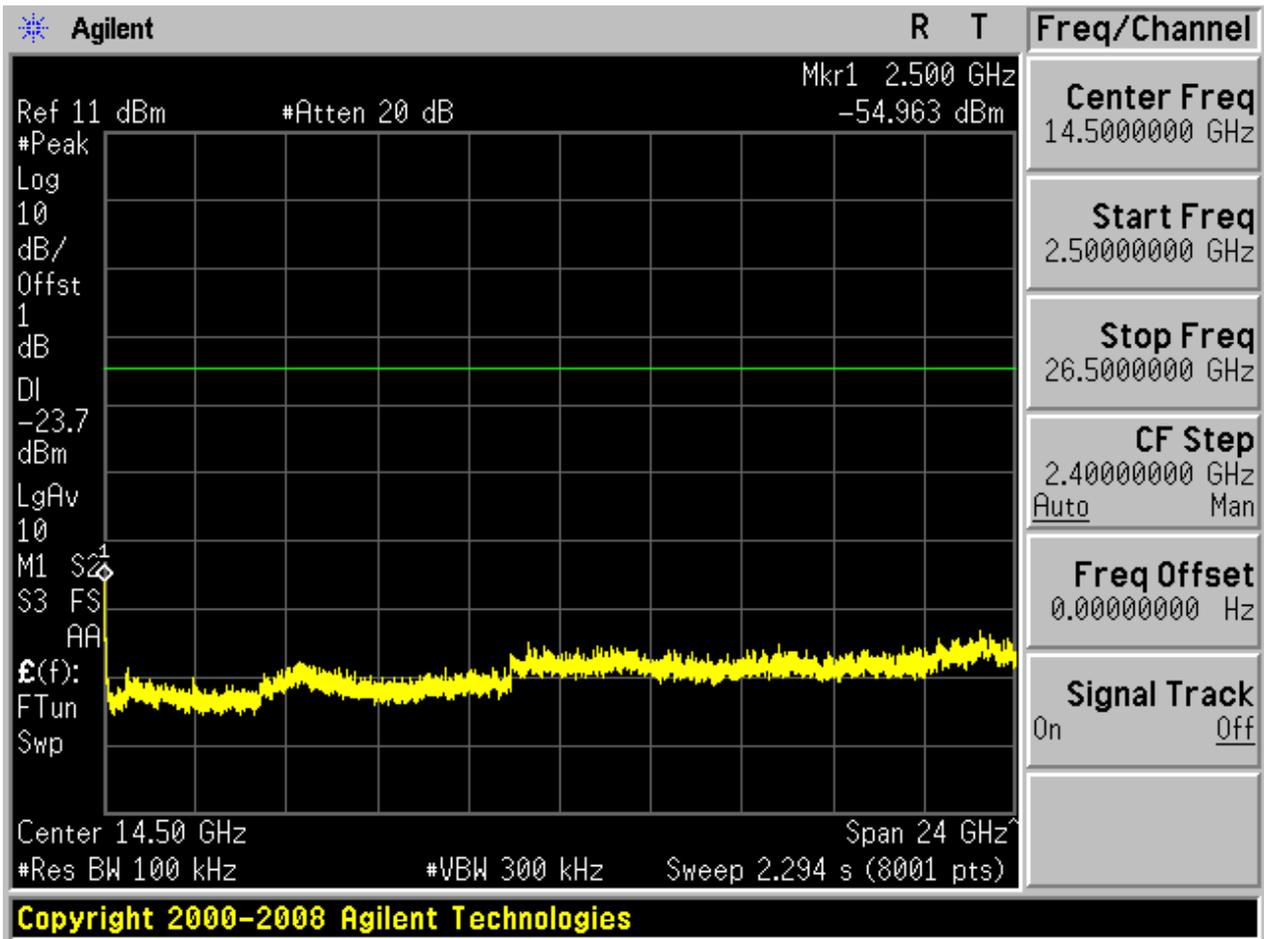








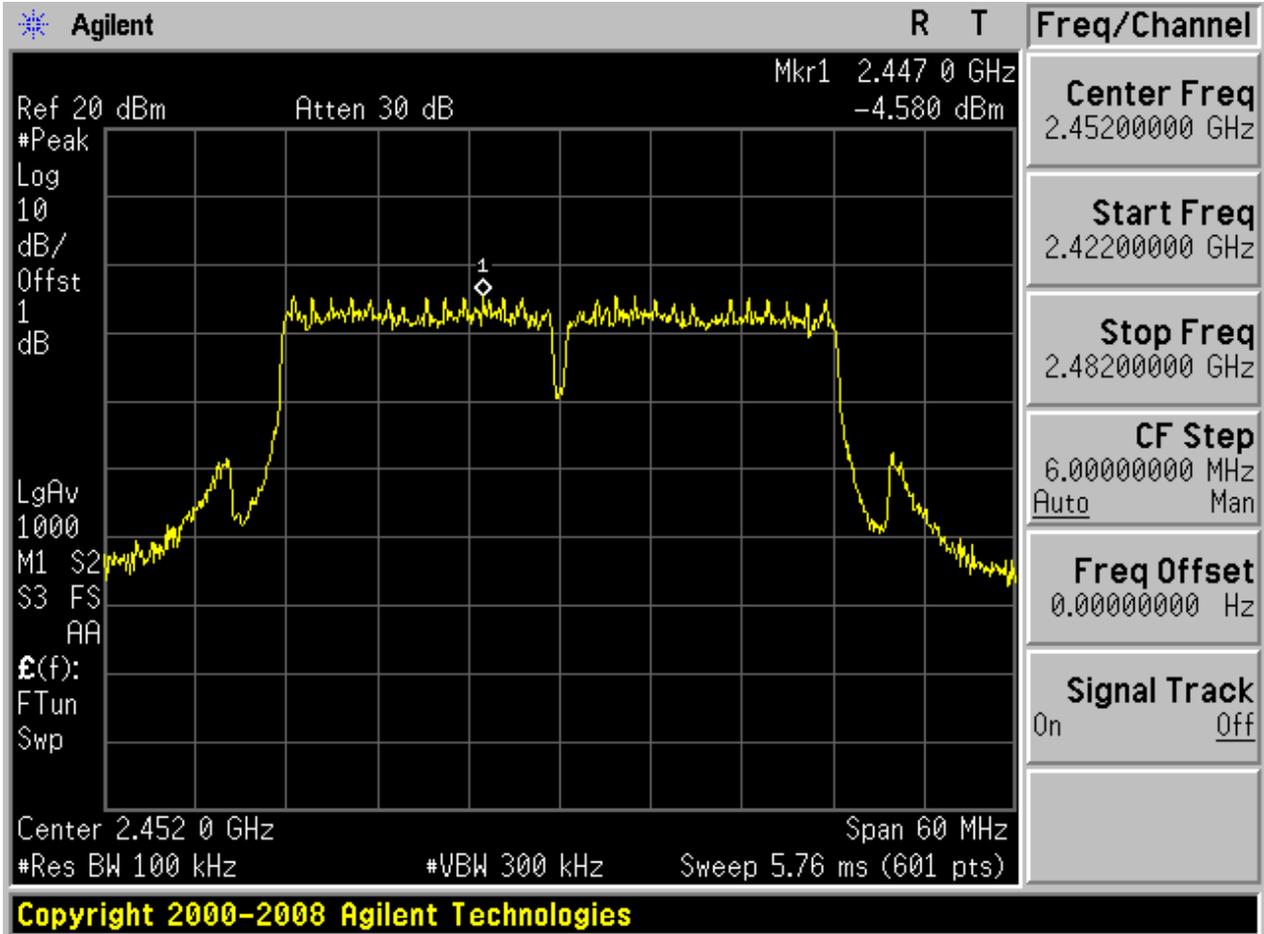




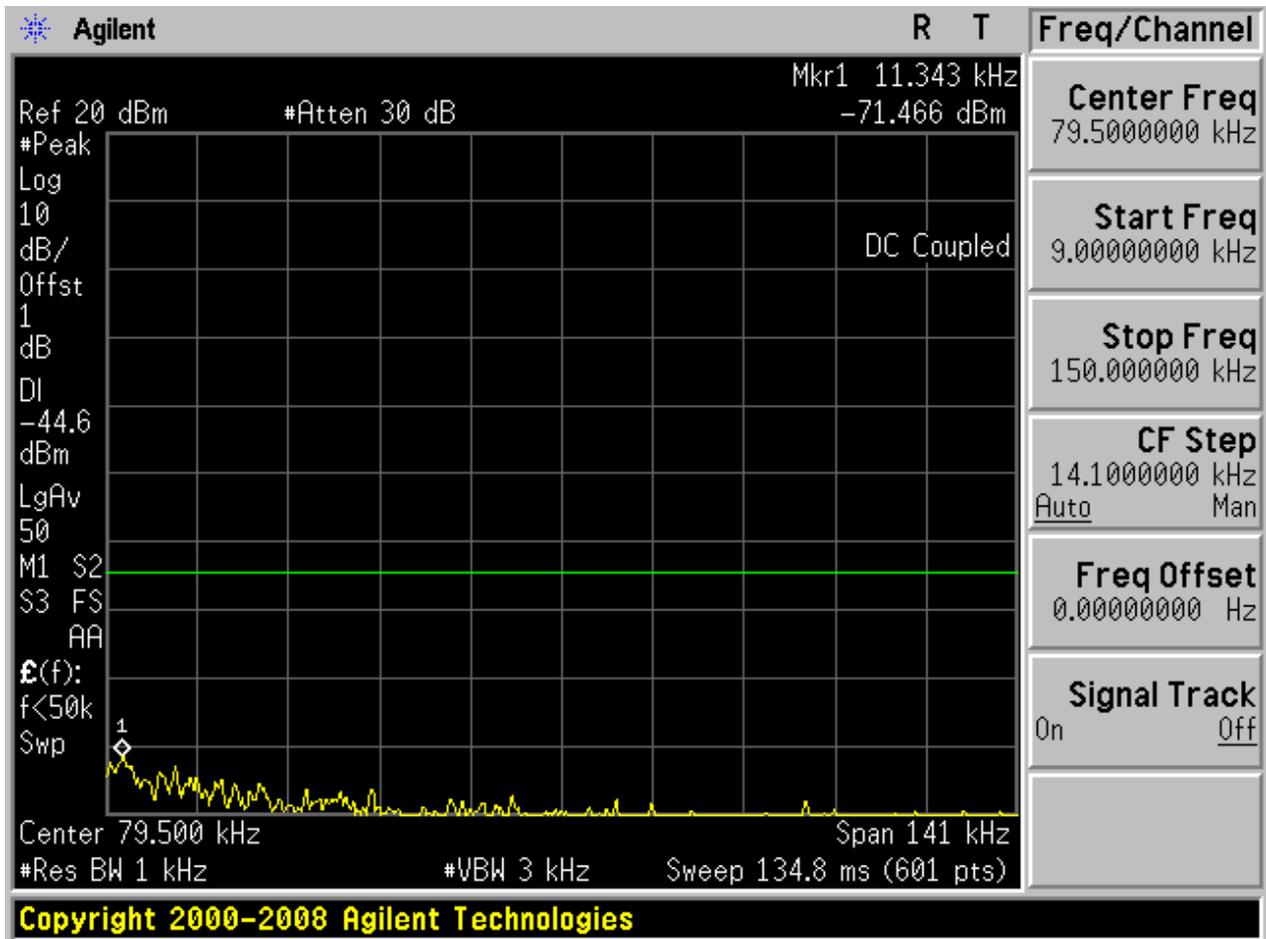


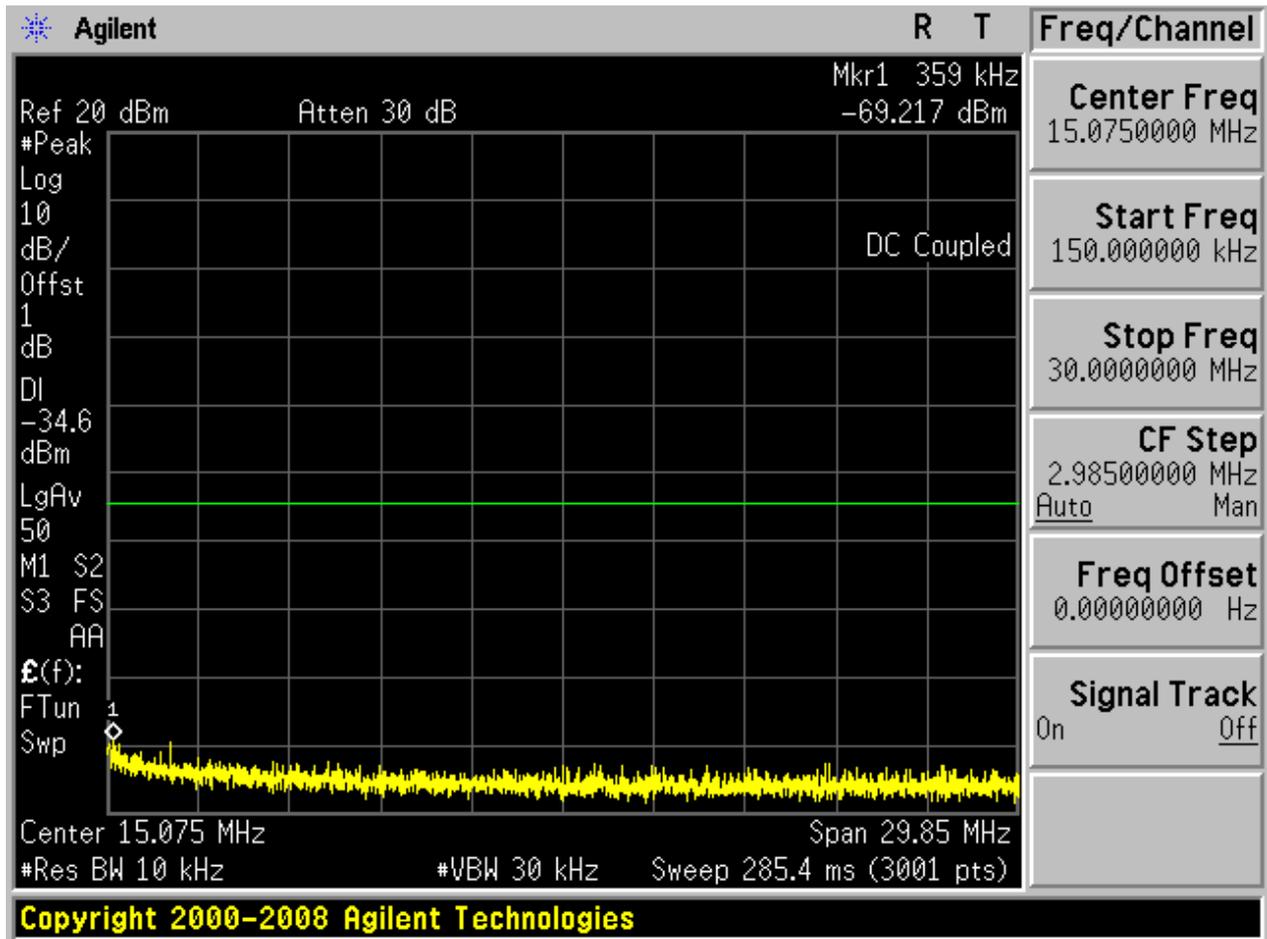
### 2.35 11N40m\_H@Ant 1

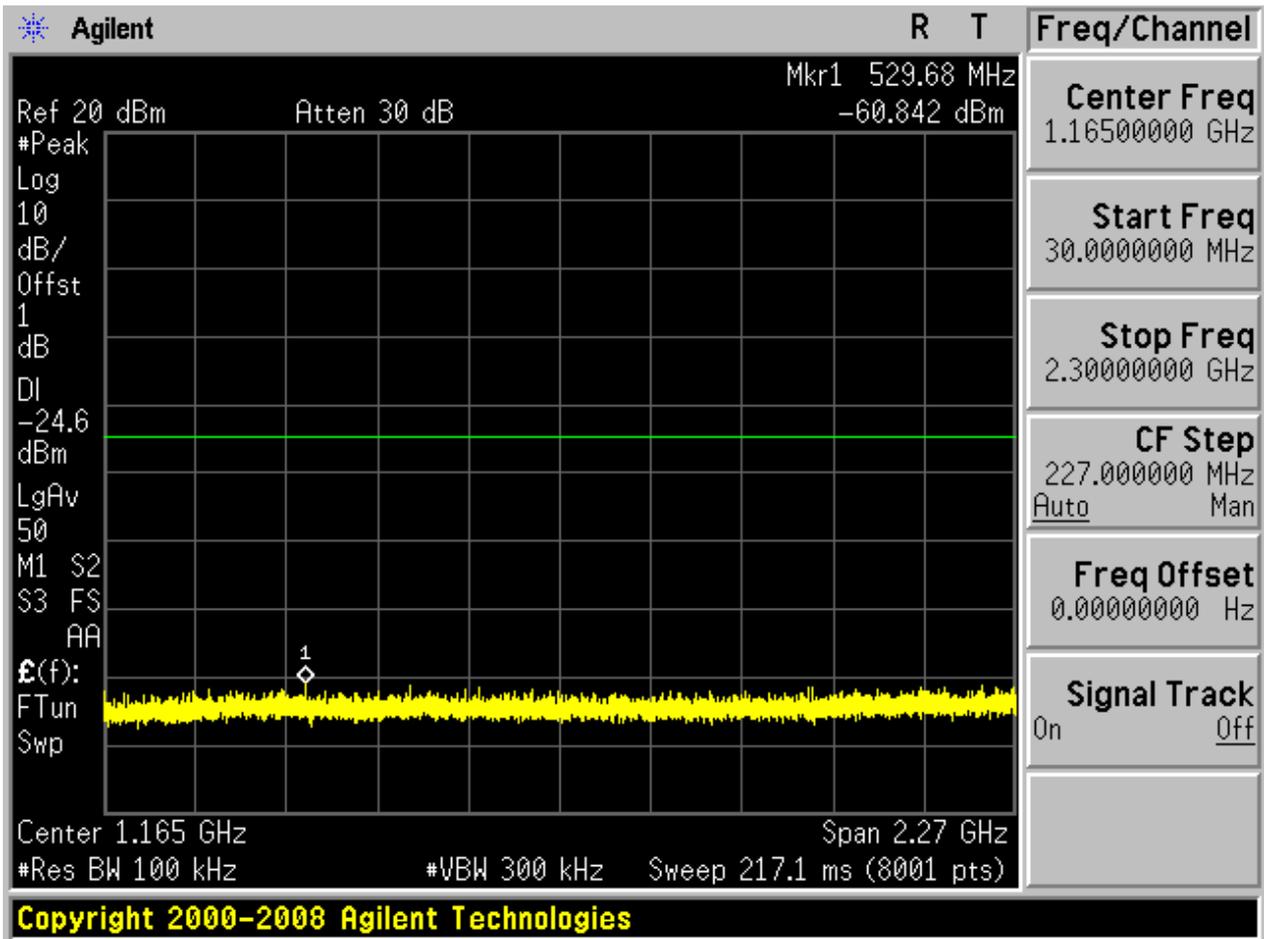
Pref:



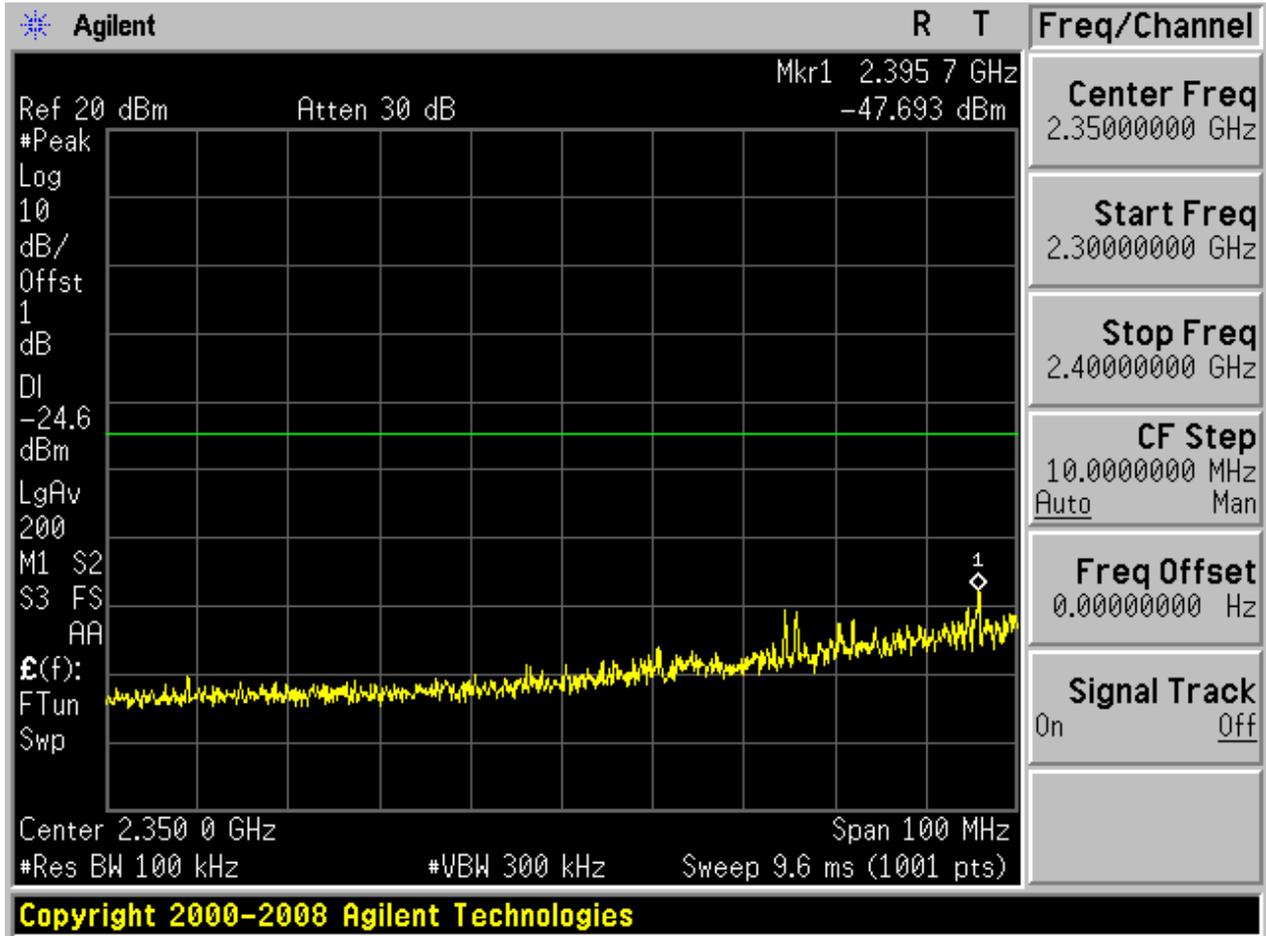
Puw:

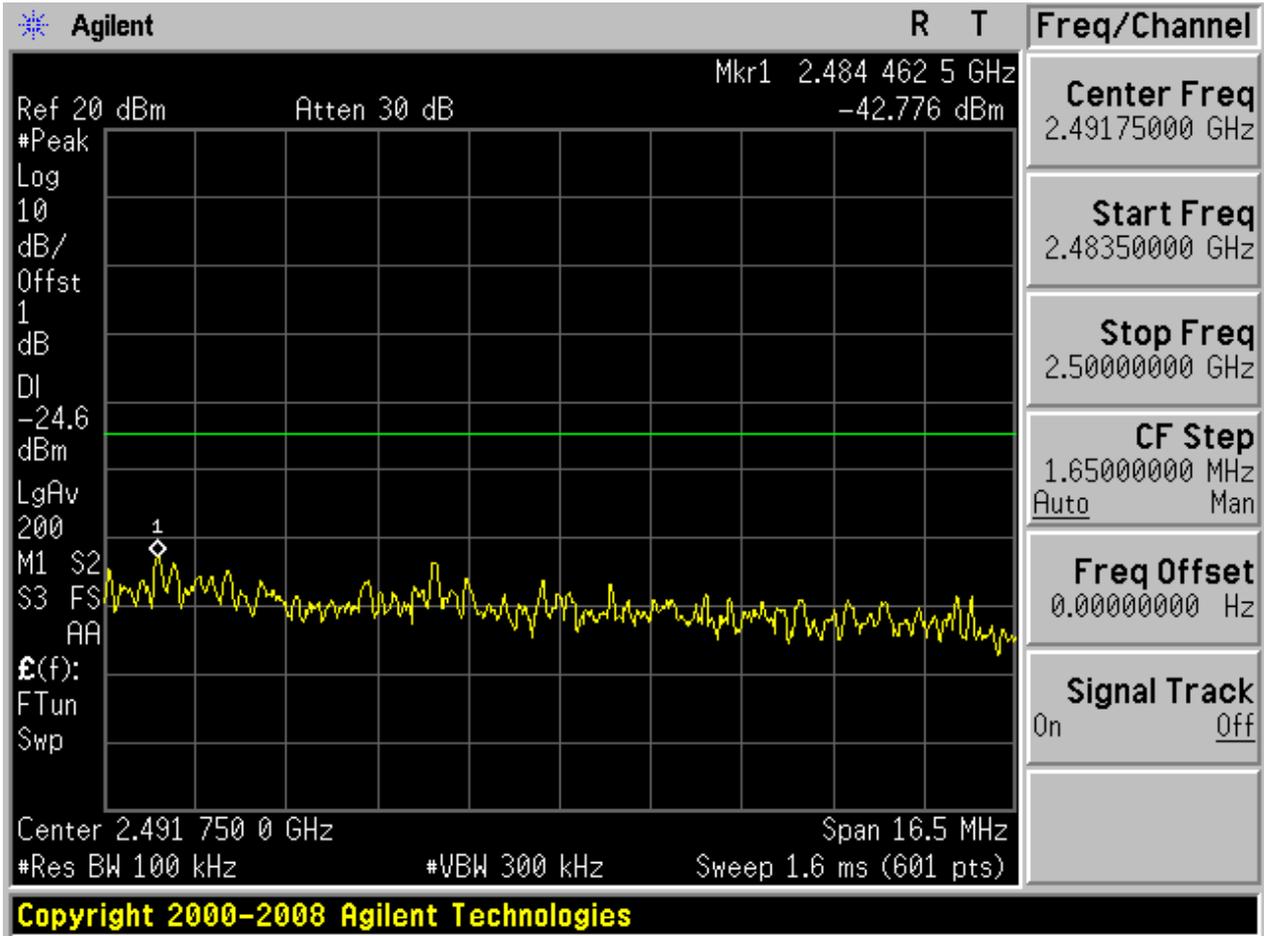


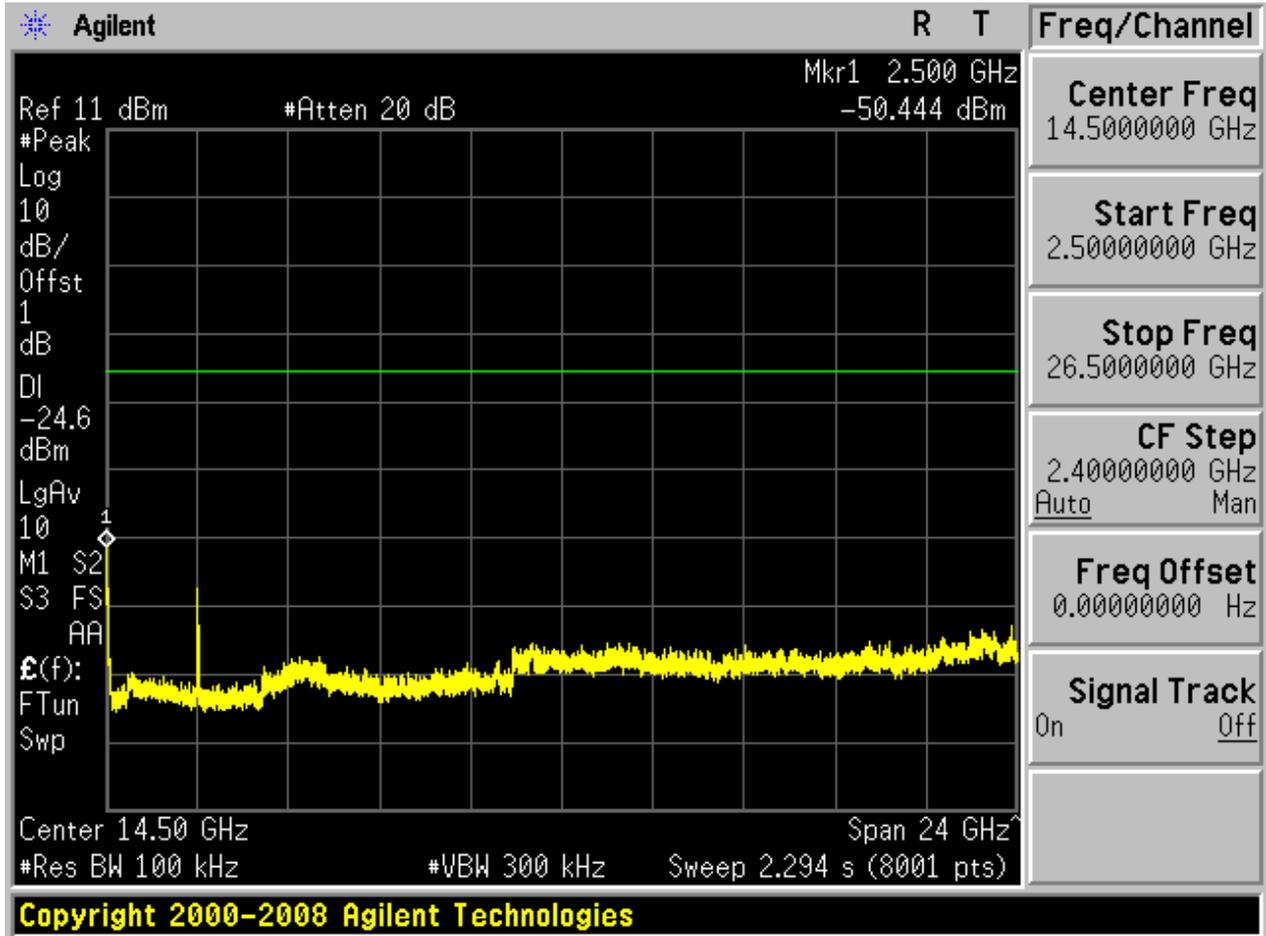




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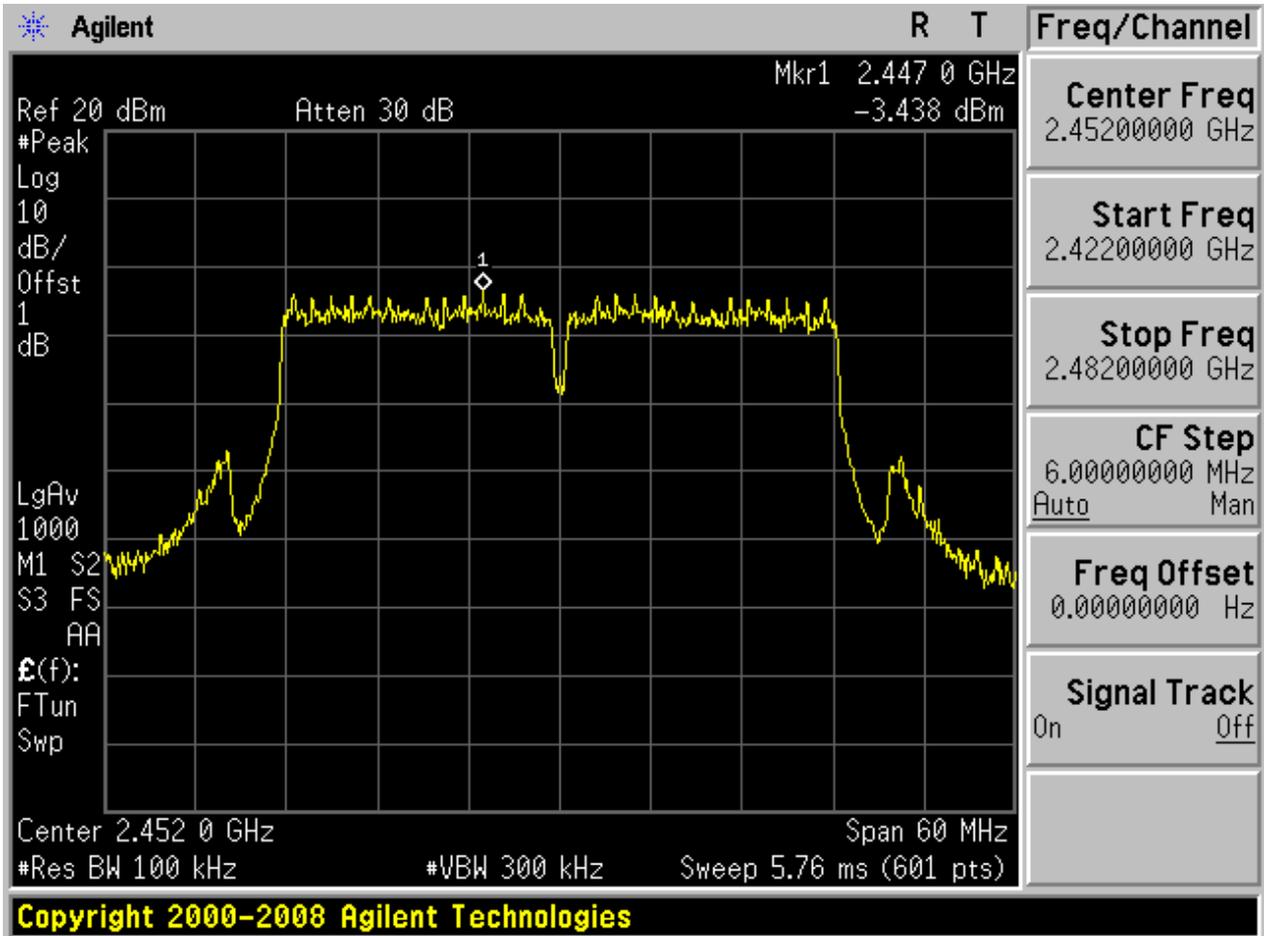




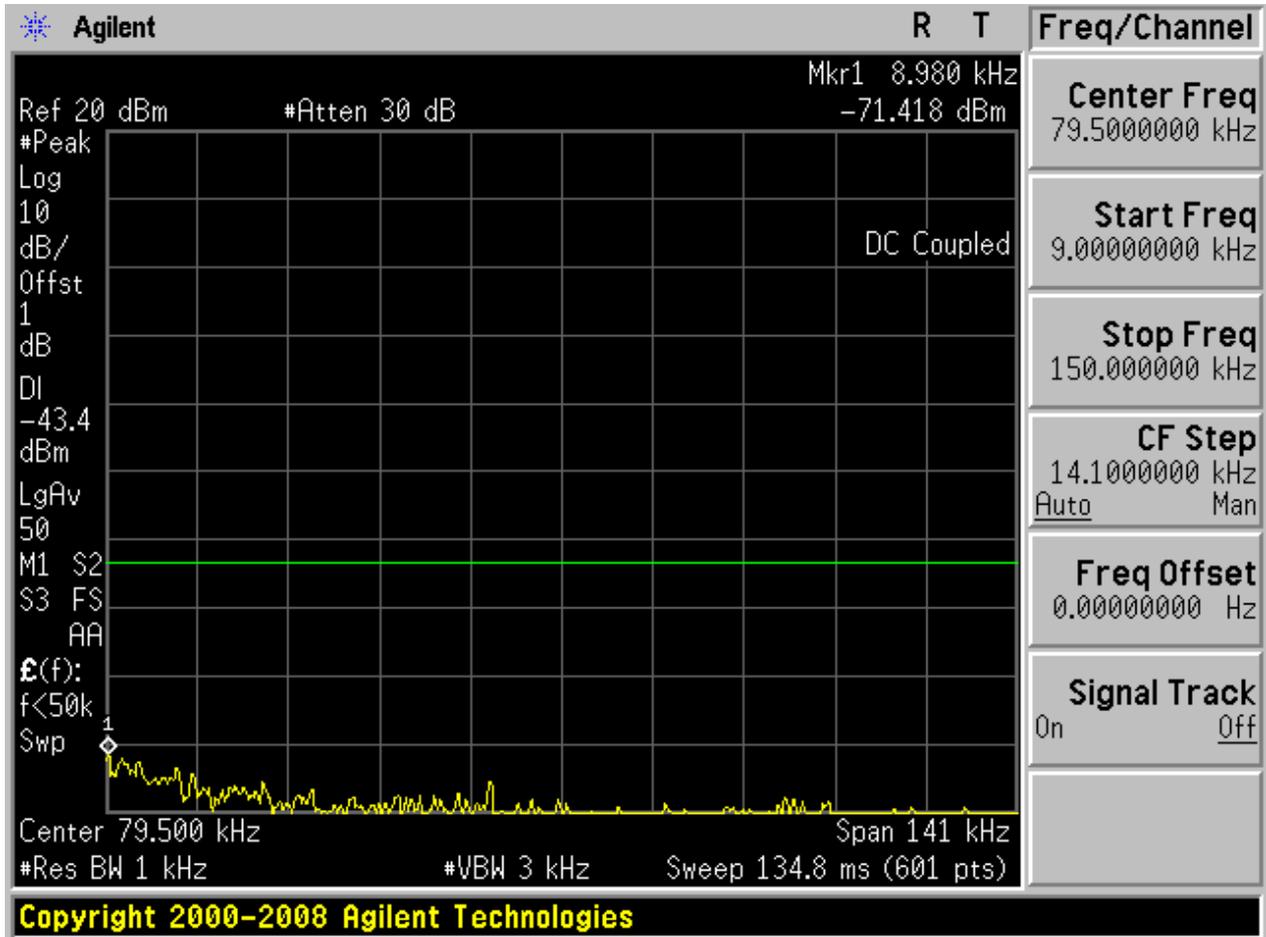


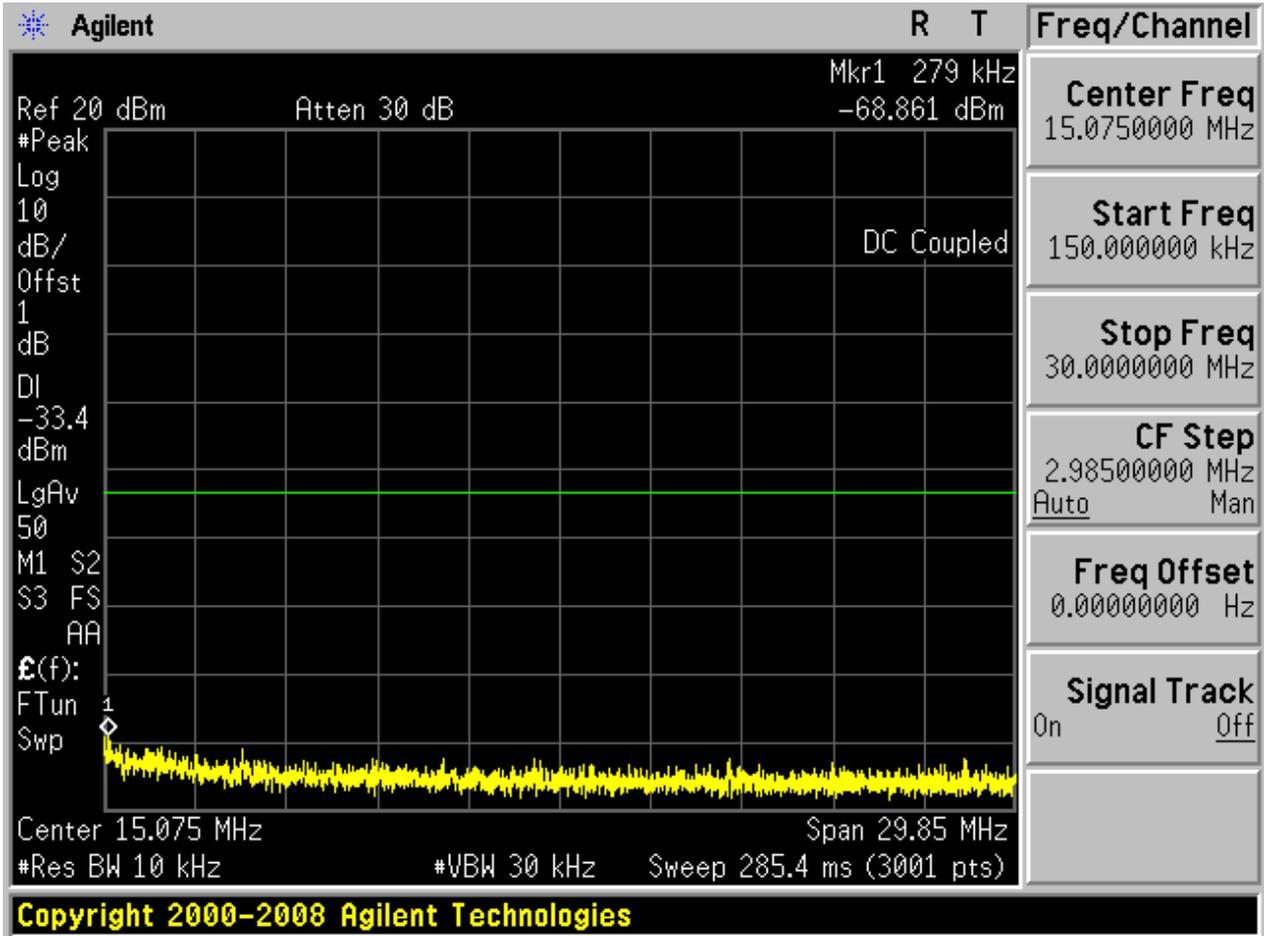
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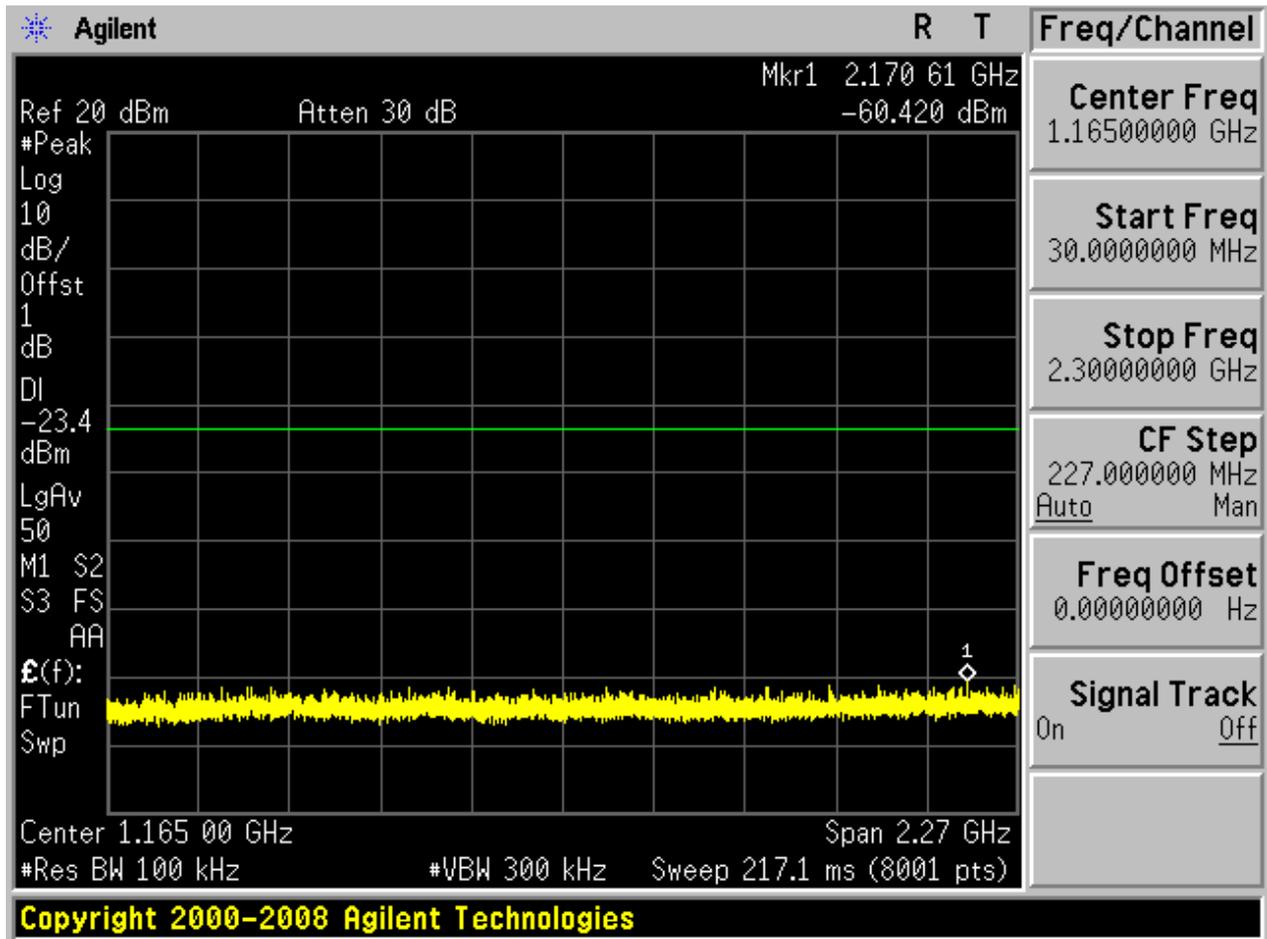
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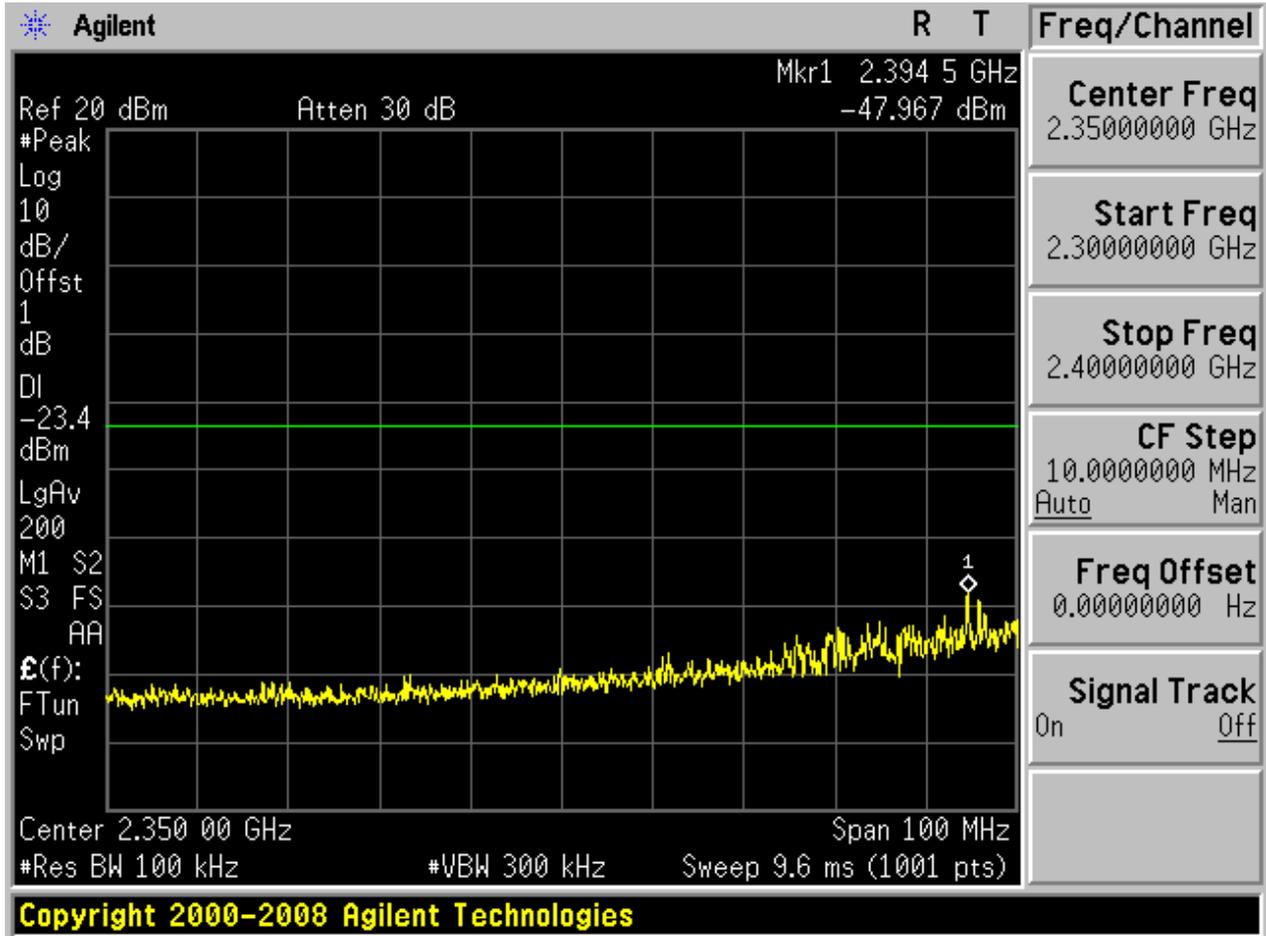


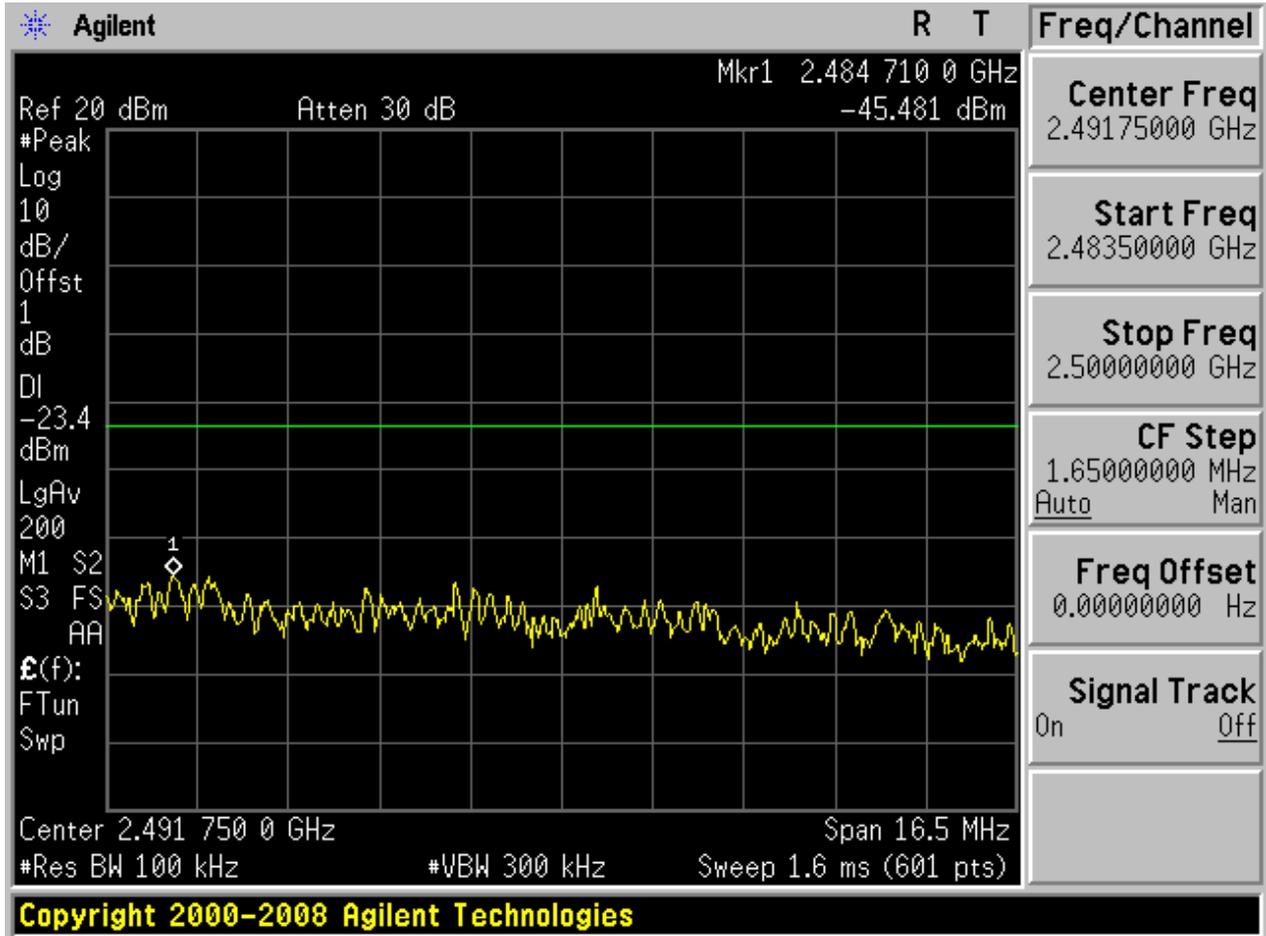
Puw:

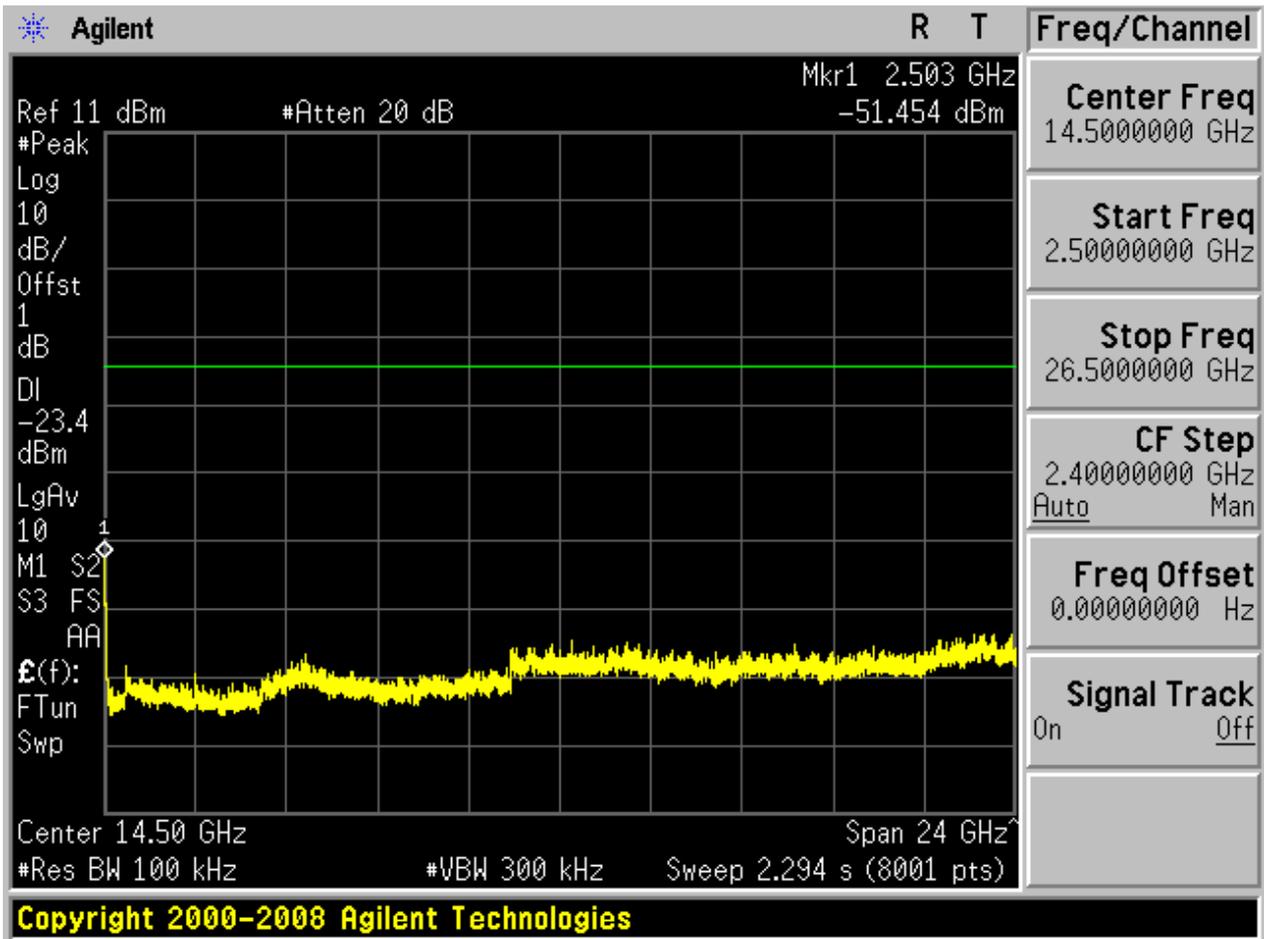












## Appendix G: Radiated Spurious Emission & Spurious in Restricted Band

Note: 9kHz-150kHz, RBW = 200Hz, VBW = 1 kHz.

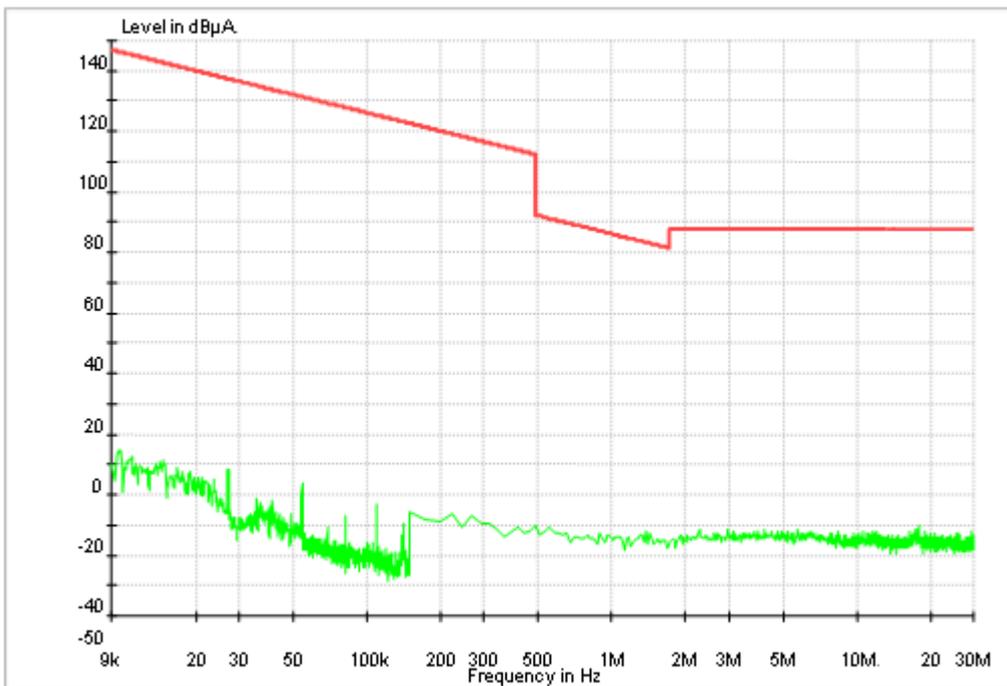
150kHz-30MHz, RBW = 9kHz, VBW = 30 kHz.

30MHz-1GHz, RBW = 100 kHz, VBW = 300 kHz.

Above 1GHz, RBW = 1 MHz, VBW = 3 MHz.

The simultaneous transmission has been considered

### Part 1: Testing Range of “9 KHz to 30 MHz”

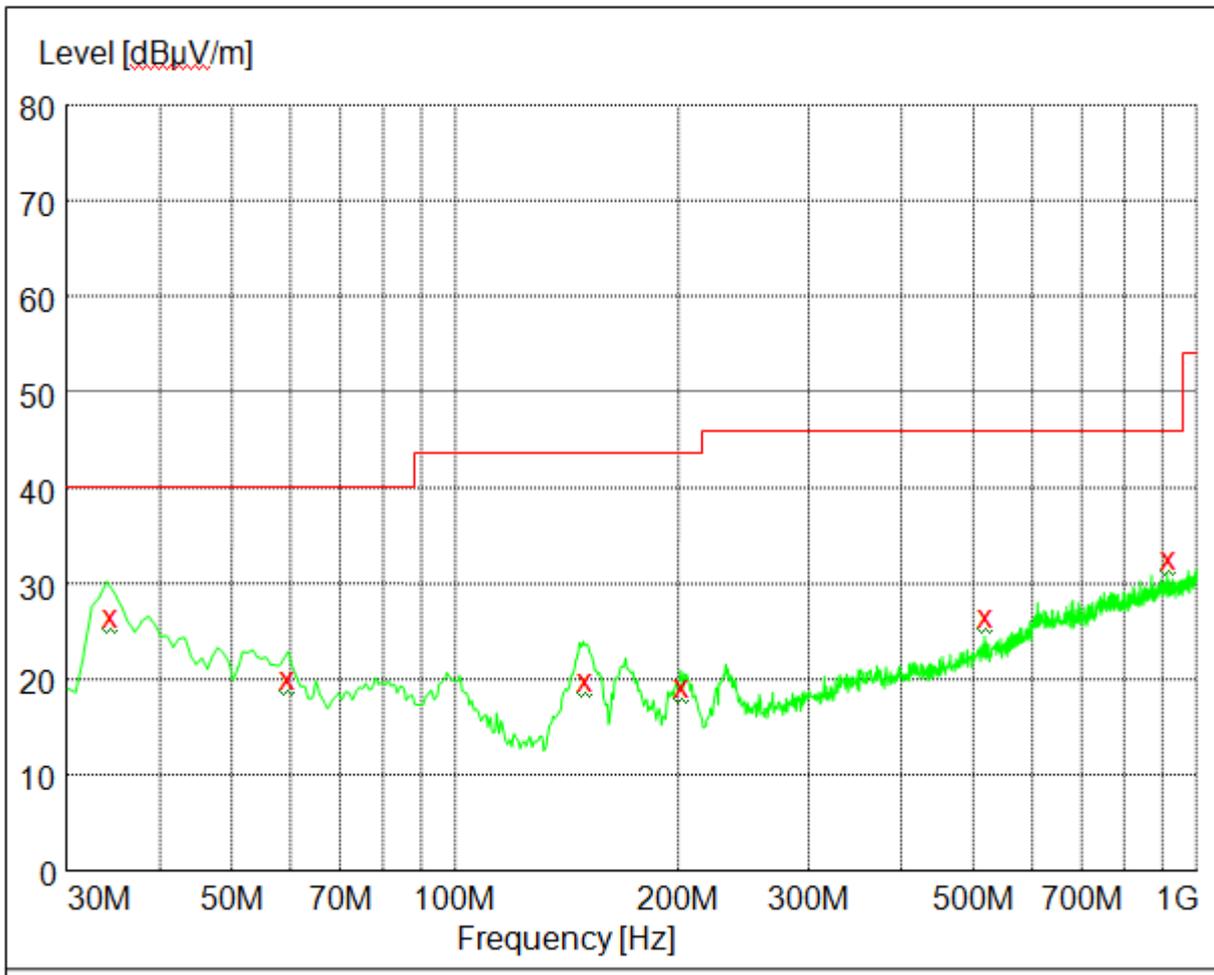


Note: No peak found in pre- test.

## Part 2: Testing Range of “30 MHz to 1 GHz”

Note 1: The test results and plot for testing range of “30 MHz to 1 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

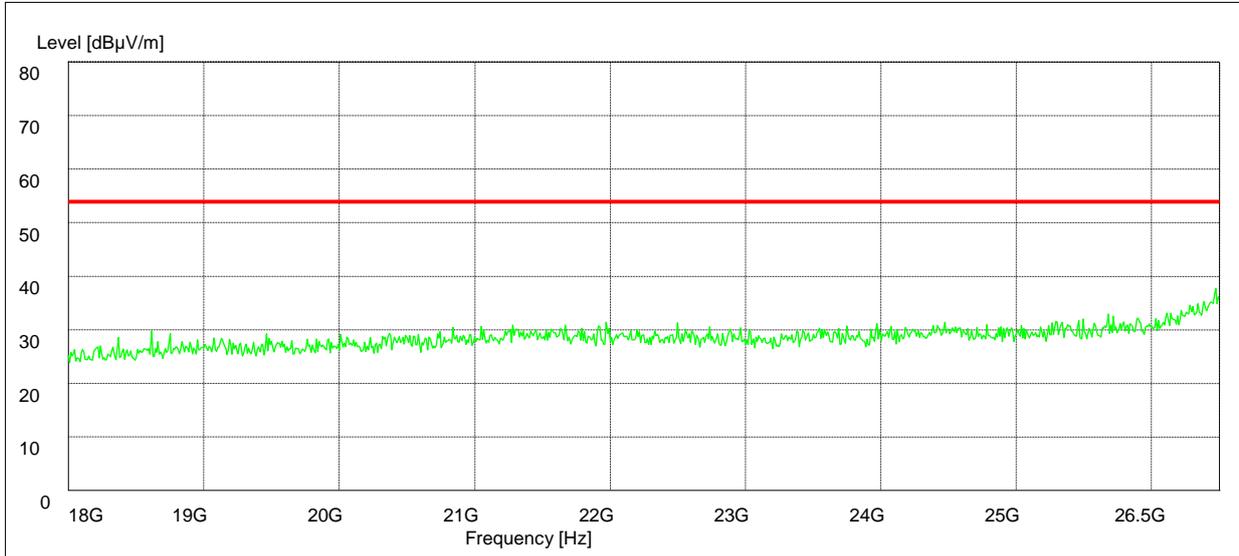
Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
34.260000	26.90	14.9	40.0	13.1	102.0	227.00	VERTICAL
59.040000	20.50	13.5	40.0	19.5	140.0	210.00	VERTICAL
149.220000	20.30	9.8	43.5	23.2	100.0	0.00	VERTICAL
202.380000	19.70	12.3	43.5	23.8	100.0	0.00	VERTICAL
518.460000	27.00	19.6	46.0	19.0	102.0	229.00	VERTICAL
913.140000	33.10	25.0	46.0	12.9	150.0	297.00	VERTICAL

### Part 3: Testing Range of “18 GHz to 26.5 GHz”



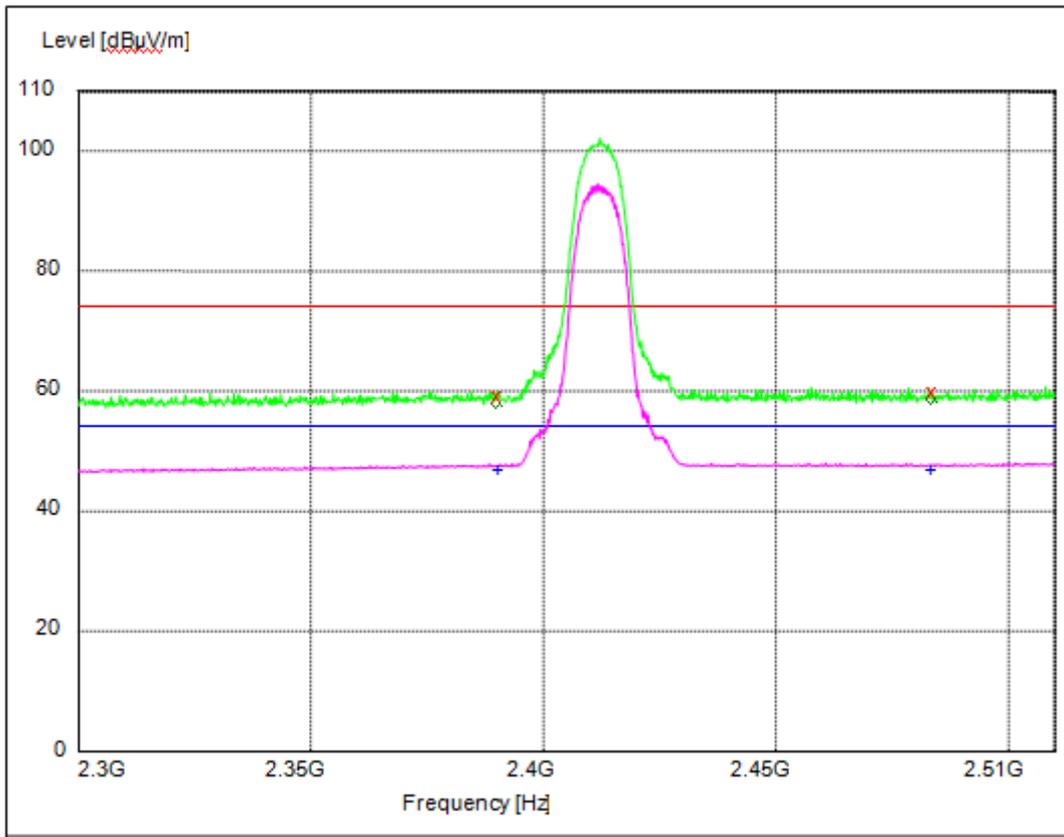
Note: No peak found in pre- test.

### Part 4: Testing Range of “2.3GHz to 2.51GHz”

- Note 1: The testing range of “2.3 GHz to 2.51 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.
- Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB $\mu$ V/m) and Average Limit (54 dB $\mu$ V/m).
- Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

Test Mode: 11B/ Antenna 1

Channel 01



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	58.90	33.5	74.0	15.1	150.0	42.00	VERTICAL

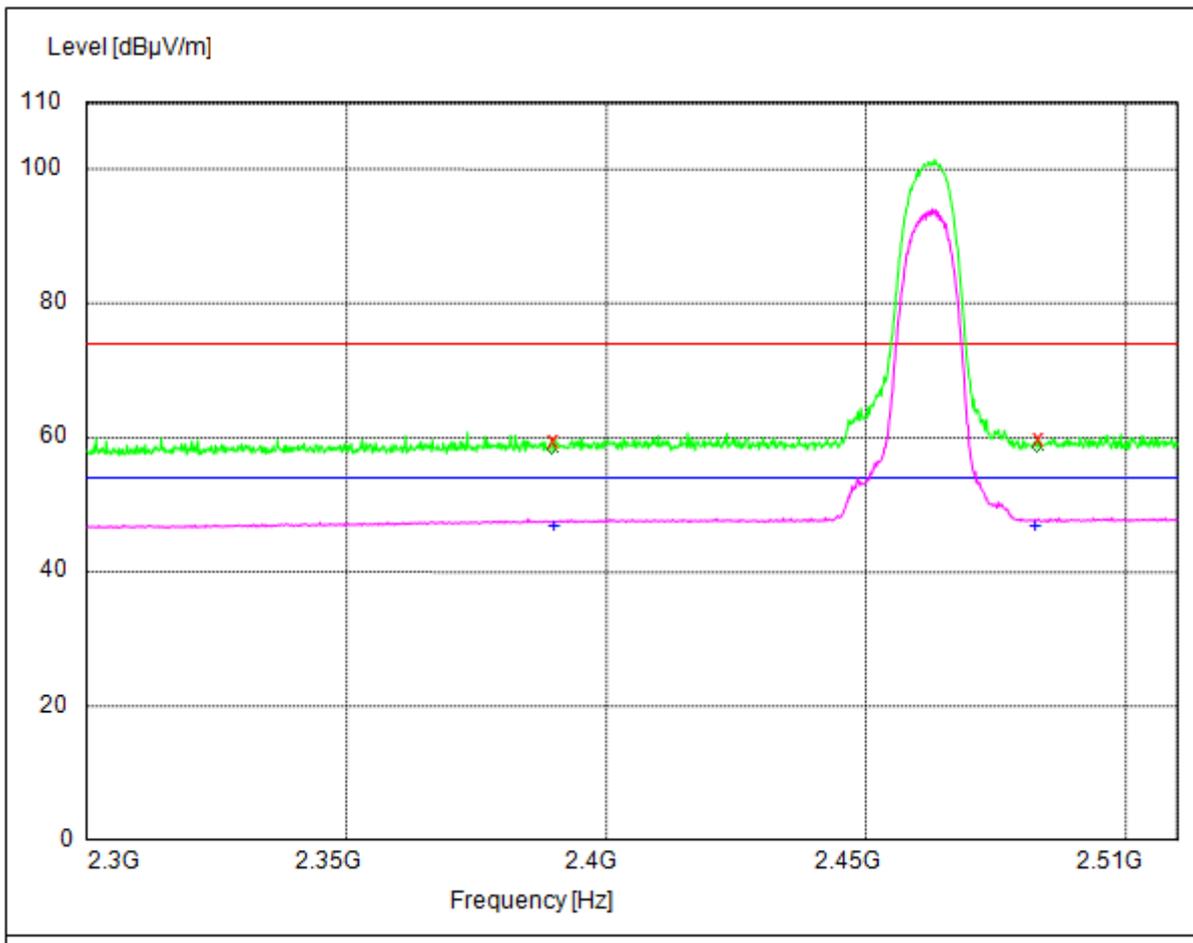


2483.500000	59.50	33.7	74.0	14.5	101.0	253.00	VERTICAL
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MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.40	33.5	54.0	7.6	149.0	275.00	HORIZONTAL
2483.500000	46.50	33.7	54.0	7.5	100.0	263.00	VERTICAL

Channel 11



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.20	33.5	74.0	14.8	150.0	359.00	VERTICAL
2483.500000	59.60	33.7	74.0	14.4	150.0	31.00	VERTICAL

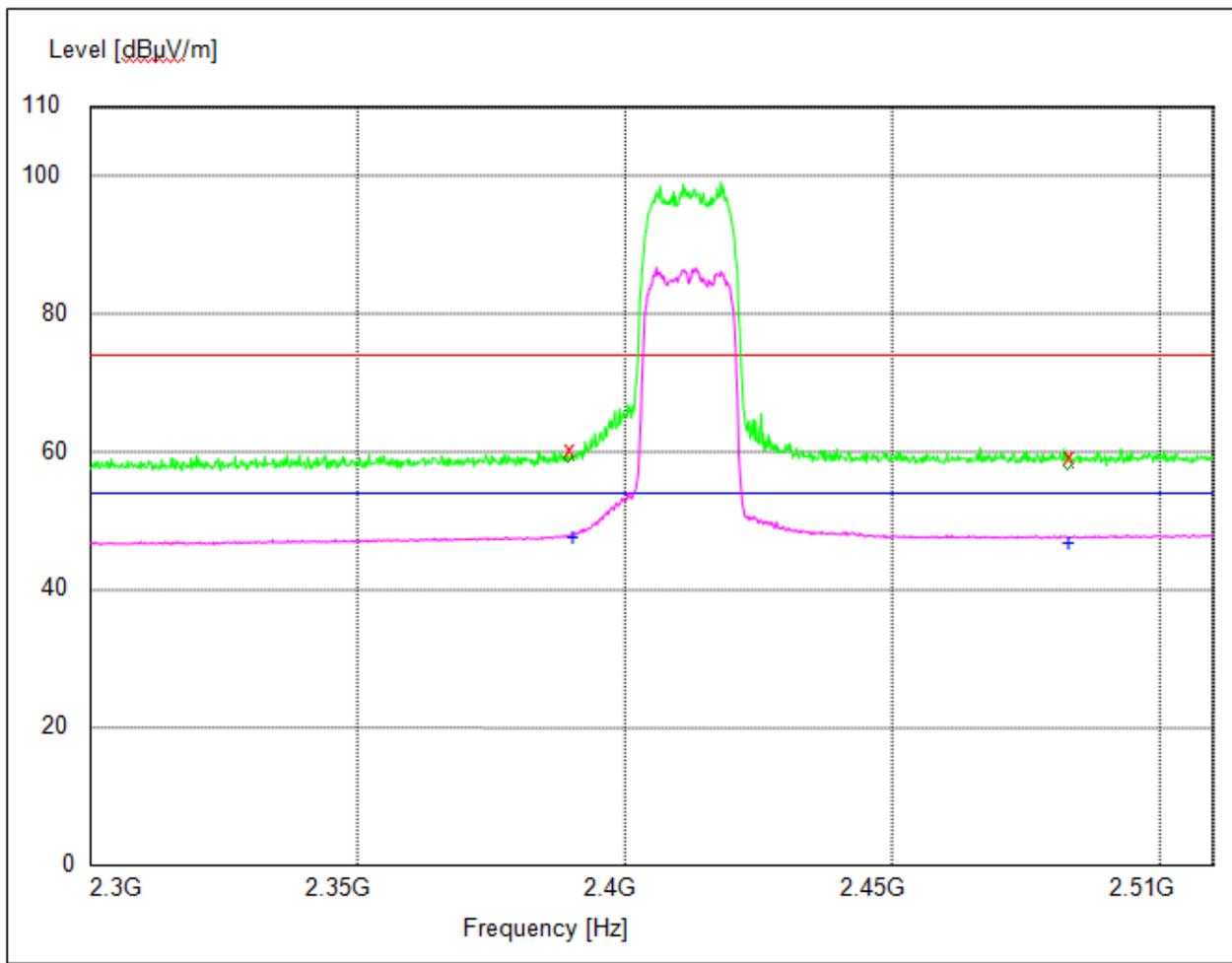
MEASUREMENT RESULT: AV Detector



Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.40	33.5	54.0	7.6	104.0	105.00	VERTICAL
2483.500000	46.50	33.7	54.0	7.5	104.0	359.00	HORIZONTAL

Test Mode: 11G/ Antenna 1

Channel 01



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

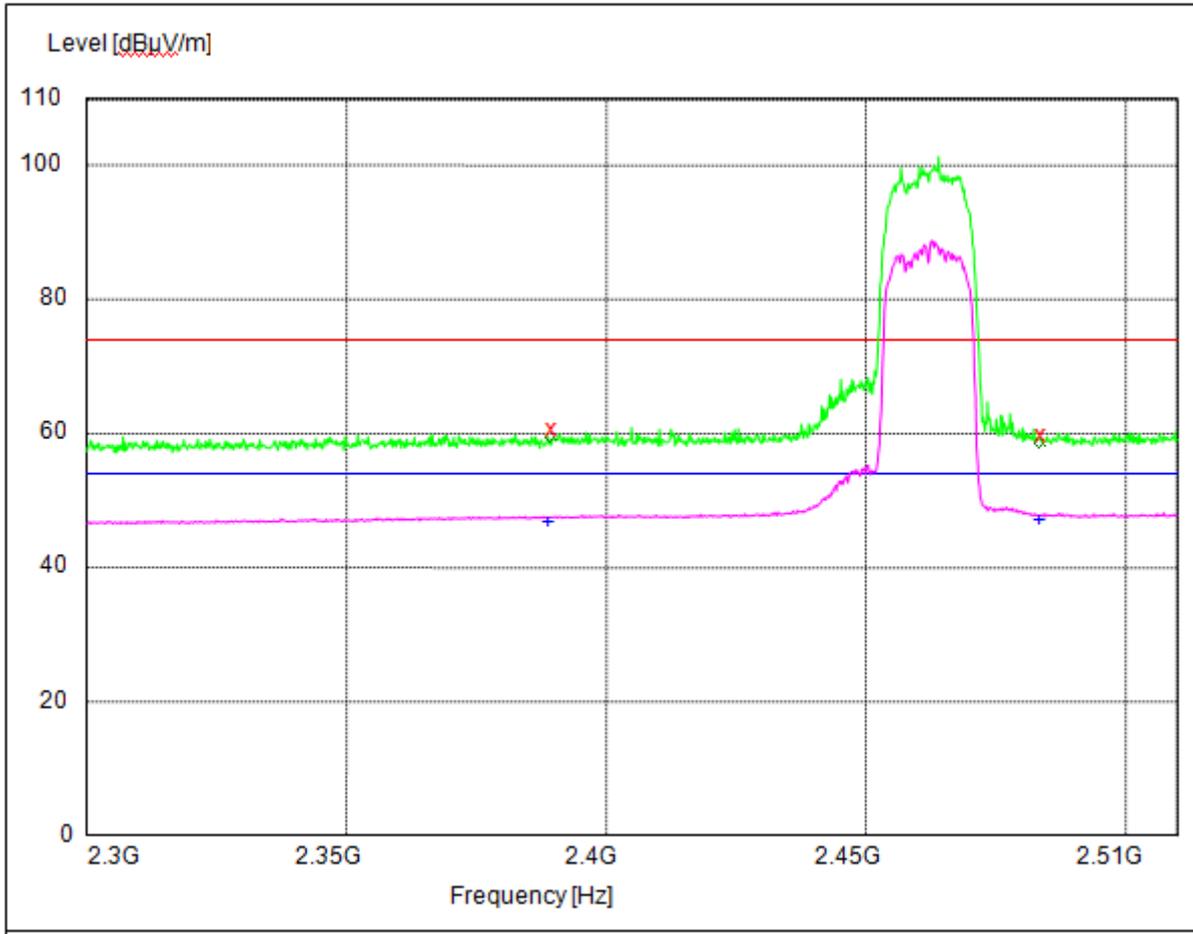
Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.20	33.5	74.0	13.8	100.0	242.00	HORIZONTAL
2483.500000	59.00	33.7	74.0	15.0	115.0	154.00	VERTICAL

MEASUREMENT RESULT: AV Detector



Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.30	33.5	54.0	6.7	111.0	168.00	VERTICAL
2483.500000	46.50	33.7	54.0	7.5	107.0	102.00	VERTICAL

Channel 11



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

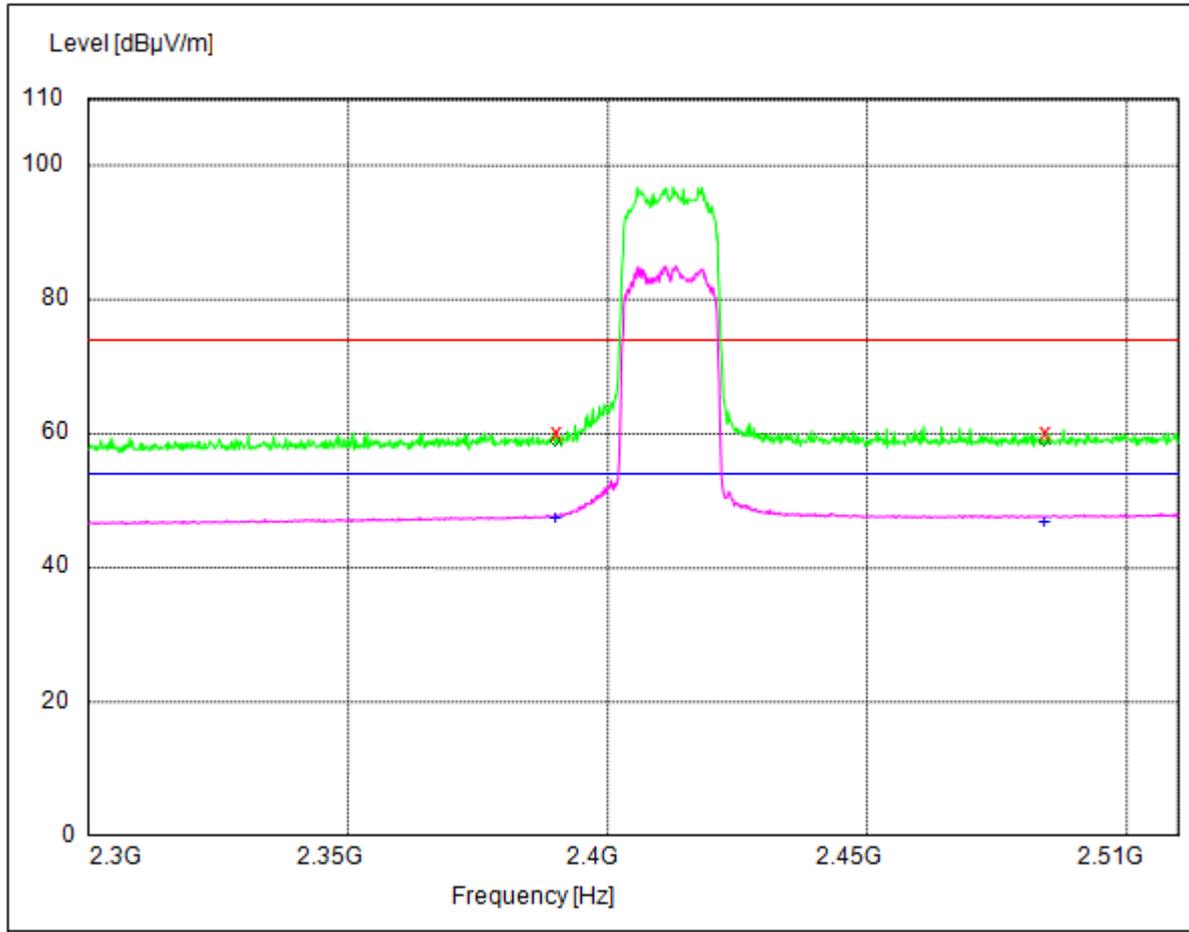
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.30	33.5	74.0	13.7	107.0	315.00	VERTICAL
2483.500000	59.70	33.7	74.0	14.3	100.0	96.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.40	33.5	54.0	7.6	150.0	213.00	VERTICAL
2483.500000	46.70	33.7	54.0	7.3	100.0	125.00	HORIZONTAL

Test Mode: 11N-20M/SISO-Antenna 1

Channel 01



Note: The peak exceeds the limit line is carrier frequency.

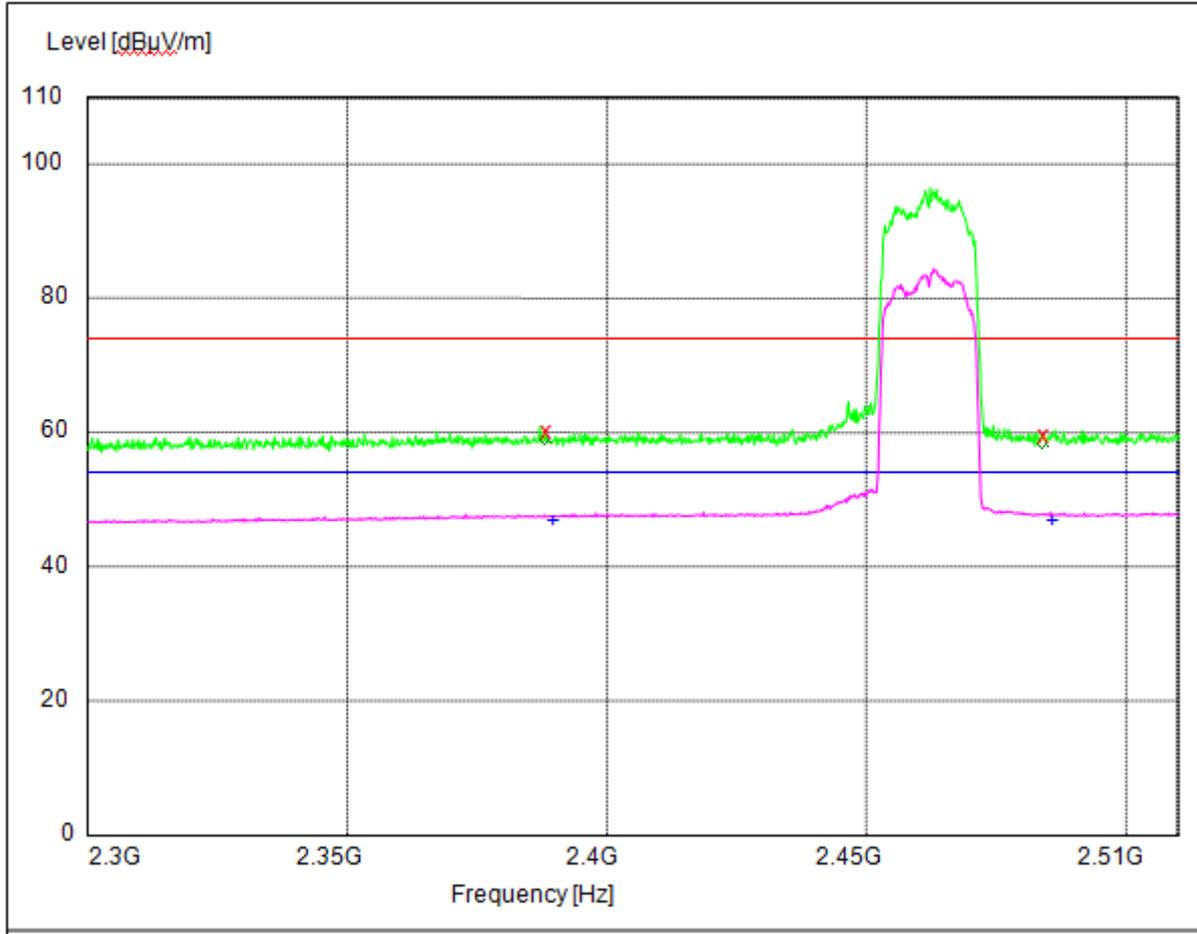
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.80	33.5	74.0	14.2	134.0	234.00	HORIZONTAL
2483.500000	59.90	33.7	74.0	14.1	149.0	173.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.90	33.5	54.0	7.1	120.0	345.00	VERTICAL
2483.500000	46.50	33.7	54.0	7.5	100.0	0.00	VERTICAL

Channel 11



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

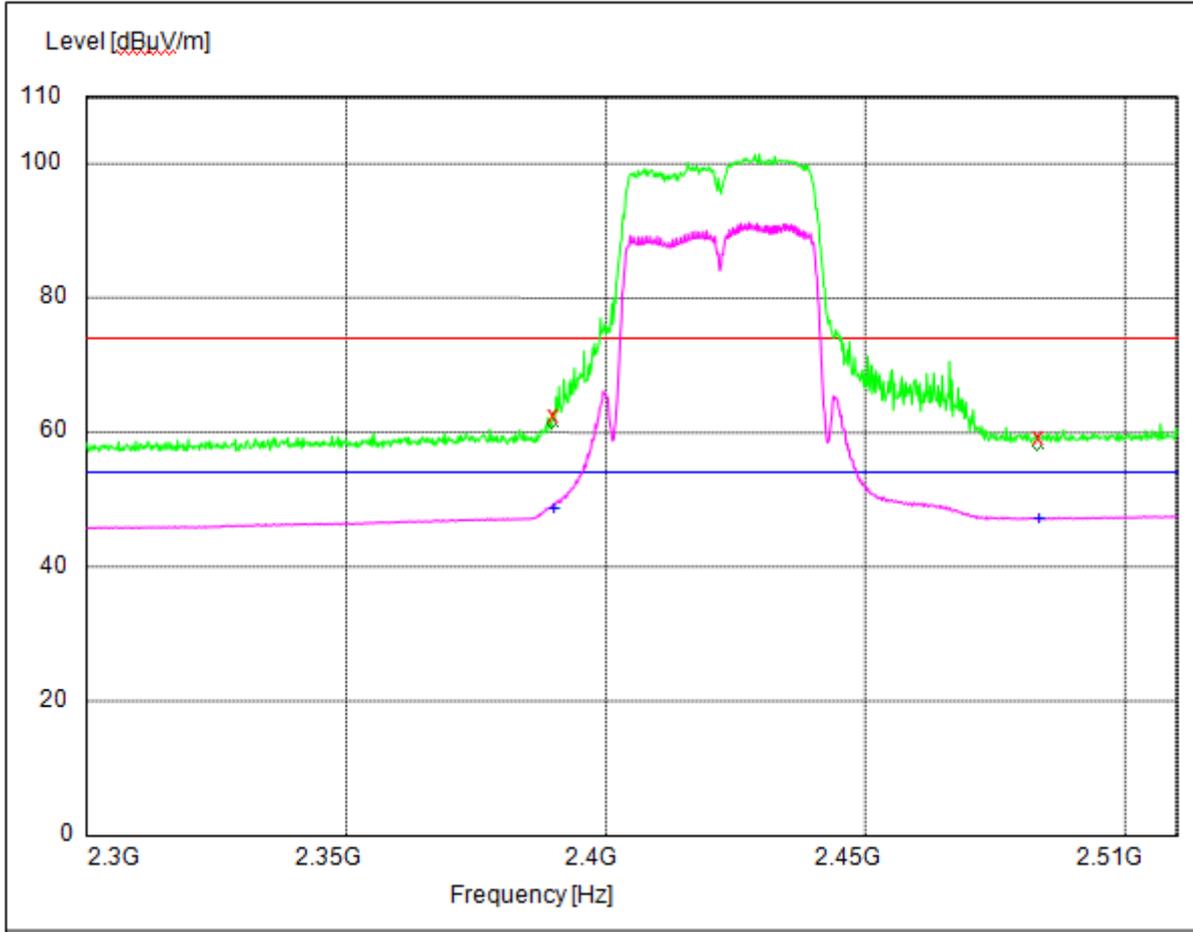
Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2388.500000	59.80	33.5	74.0	14.2	104.0	78.00	HORIZONTAL
2484.500000	59.40	33.8	74.0	14.6	140.0	134.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2389.500000	46.40	33.5	54.0	7.6	113.0	315.00	VERTICAL
2486.000000	46.60	33.8	54.0	7.4	100.0	250.00	HORIZONTAL

Test Mode: 11N-40M/SISO-Antenna 1

Channel 03



Note: The peak exceeds the limit line is carrier frequency.

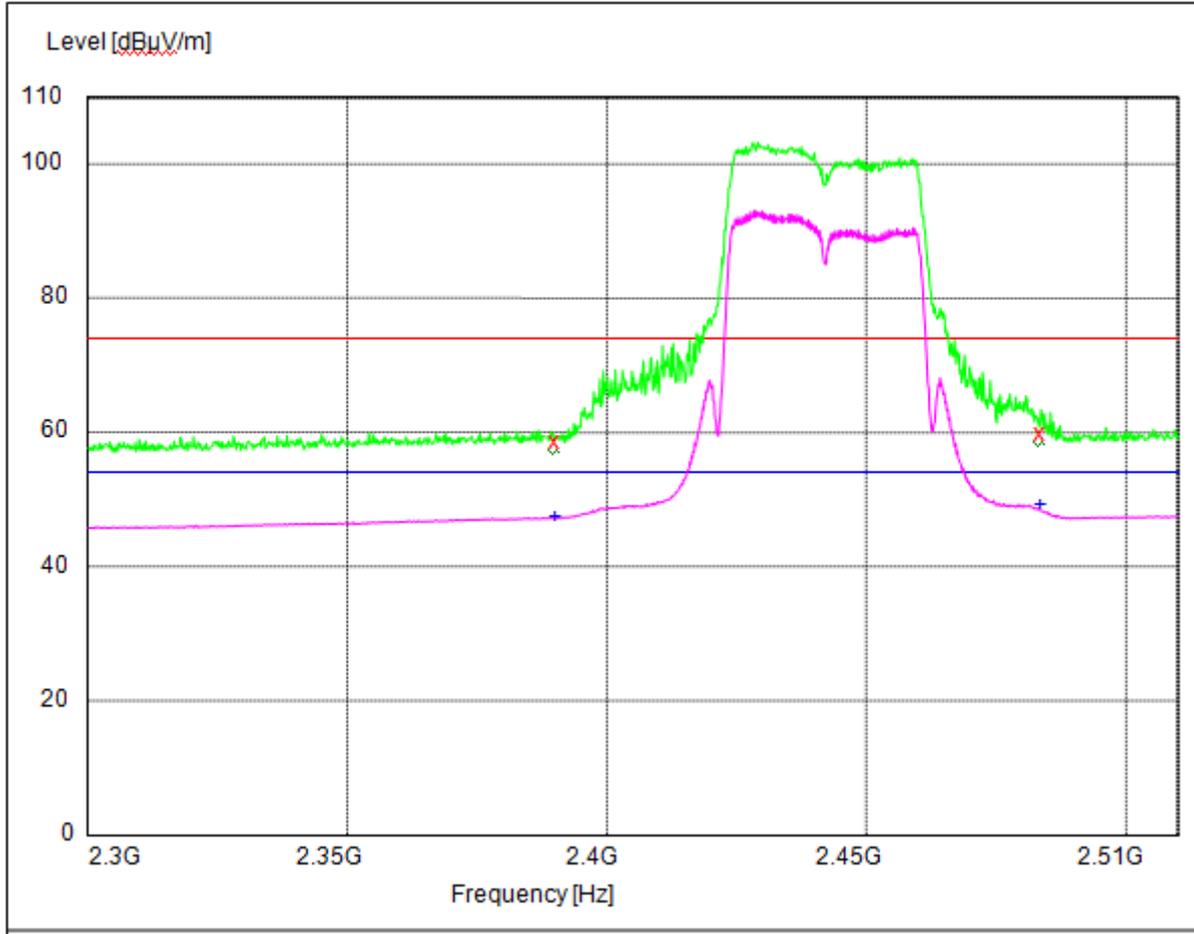
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	62.20	34.8	74.0	11.8	100.0	115.00	HORIZONTAL
2483.500000	58.90	35.1	74.0	15.1	113.0	79.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.40	34.8	54.0	5.6	100.0	109.00	HORIZONTAL
2483.500000	46.70	35.1	54.0	7.3	147.0	25.00	VERTICAL

Channel 09



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

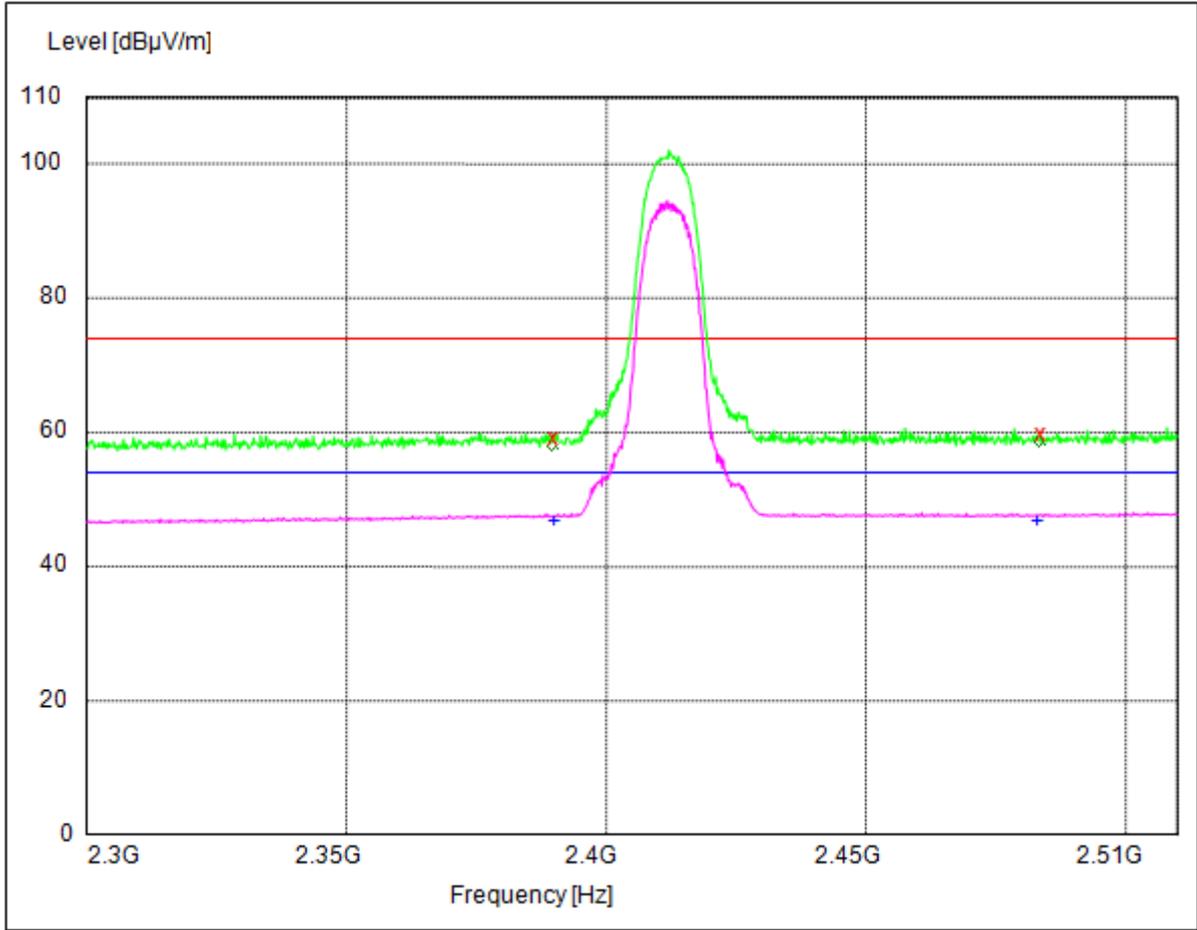
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	58.50	34.8	74.0	15.5	103.0	207.00	VERTICAL
2483.500000	59.50	35.1	74.0	14.5	103.0	166.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.90	34.8	54.0	7.1	150.0	43.00	HORIZONTAL
2483.500000	48.90	35.1	54.0	5.1	150.0	210.00	HORIZONTAL

Test Mode: 11B/ Antenna 2

Channel 01



Note: The peak exceeds the limit line is carrier frequency.

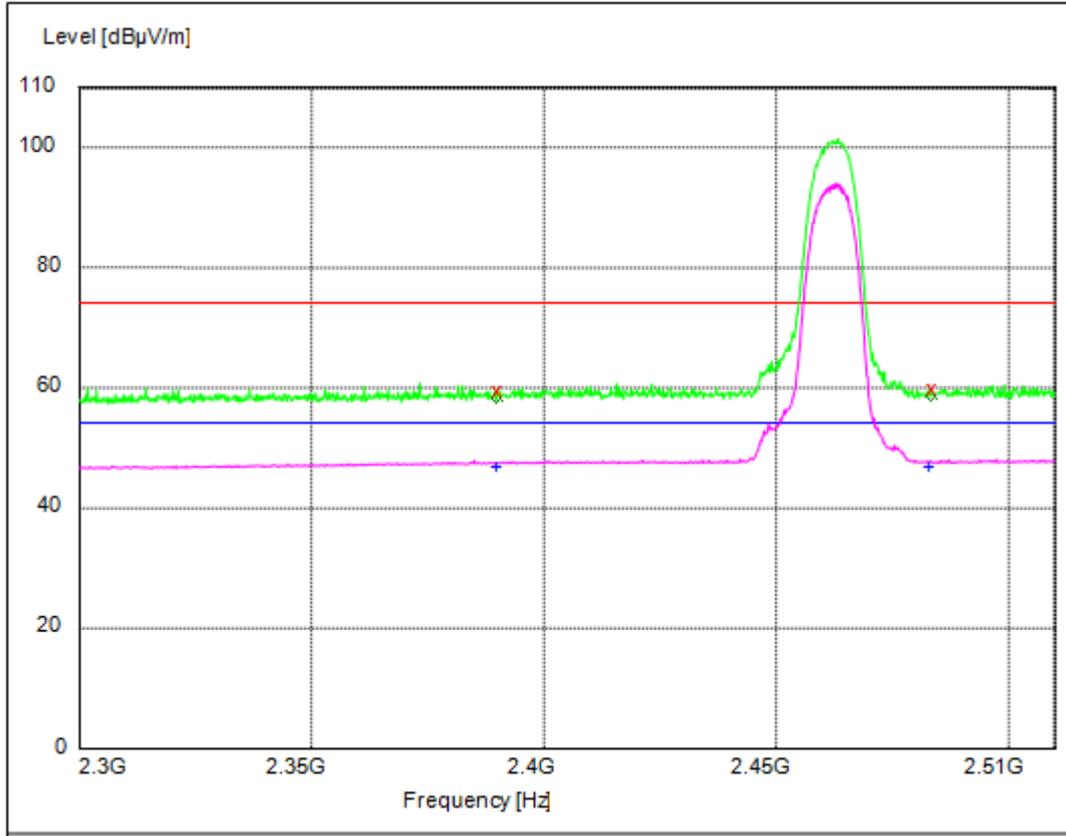
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	58.60	33.5	74.0	15.4	150.0	125.00	VERTICAL
2483.500000	59.50	33.7	74.0	14.5	101.0	352.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.70	33.5	54.0	7.3	149.0	215.00	VERTICAL
2483.500000	46.50	33.7	54.0	7.5	100.0	199.00	VERTICAL

Channel 11



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

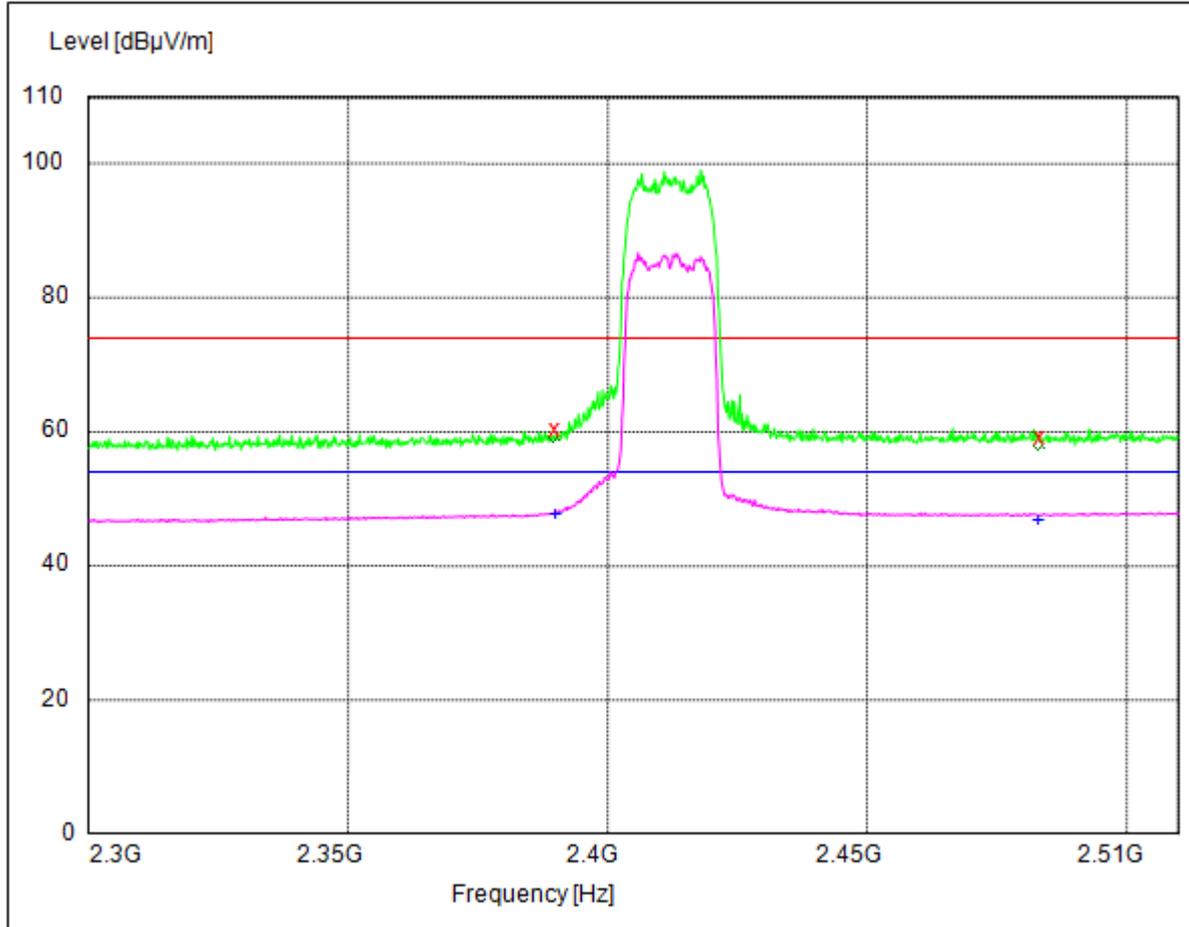
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.20	33.5	74.0	14.8	150.0	169.00	VERTICAL
2483.500000	59.60	33.7	74.0	14.4	150.0	33.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.40	33.5	54.0	7.6	104.0	145.00	VERTICAL
2483.500000	46.70	33.7	54.0	7.3	104.0	123.00	HORIZONTAL

Test Mode: 11G/ Antenna 2

Channel 01



Note: The peak exceeds the limit line is carrier frequency.

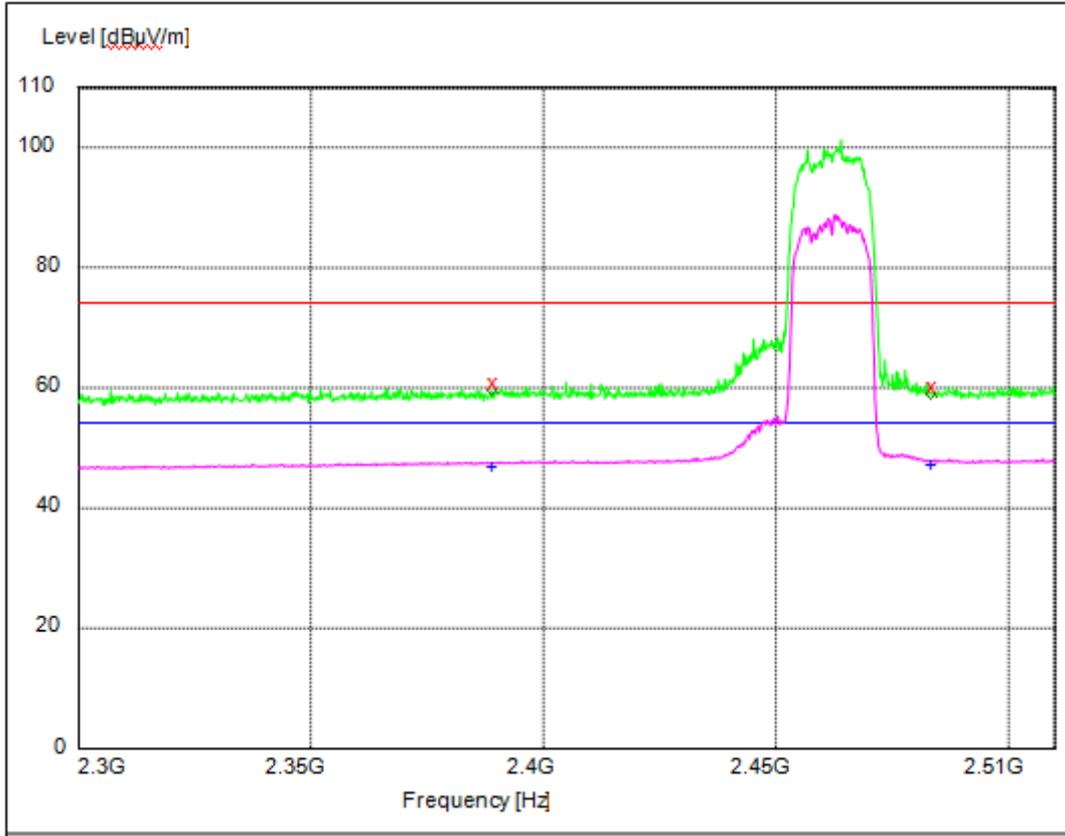
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	62.20	33.5	74.0	11.8	100.0	178.00	HORIZONTAL
2483.500000	59.70	33.7	74.0	14.3	115.0	263.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.30	33.5	54.0	6.7	111.0	88.00	VERTICAL
2483.500000	44.50	33.7	54.0	9.5	107.0	357.00	VERTICAL

Channel 11



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

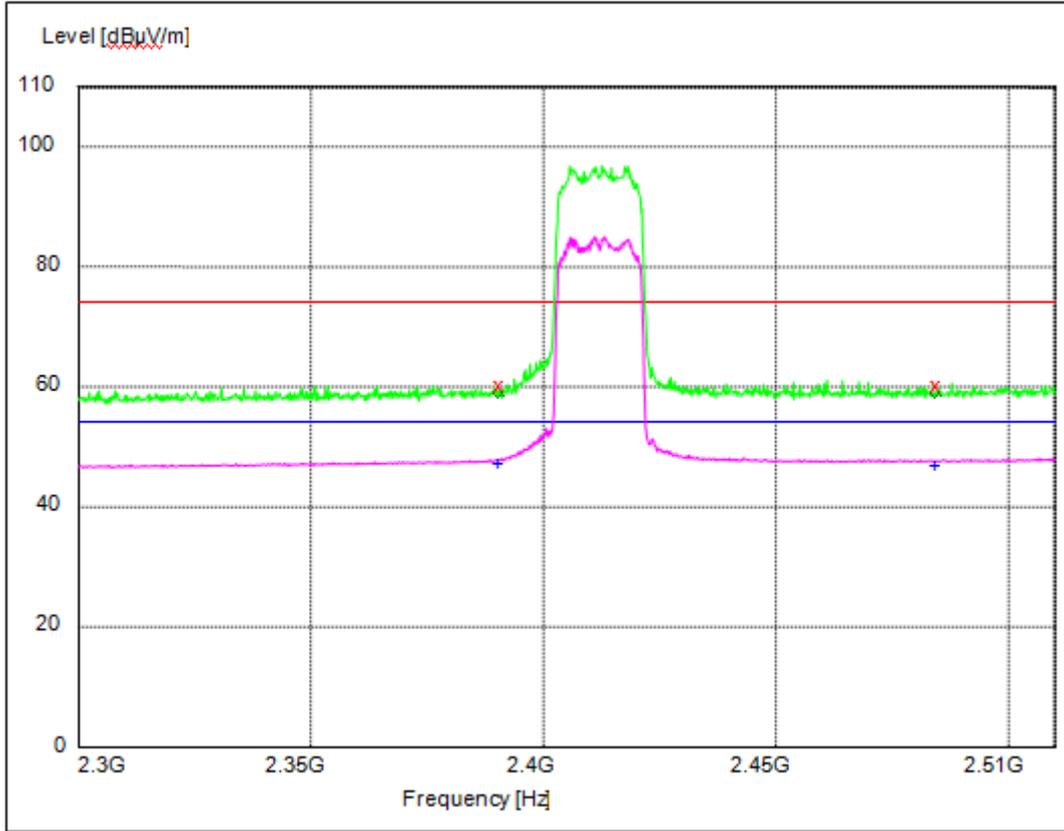
Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.30	33.5	74.0	14.7	107.0	15.00	VERTICAL
2483.500000	60.70	33.7	74.0	13.3	100.0	27.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.40	33.5	54.0	7.6	150.0	334.00	VERTICAL
2483.500000	46.70	33.7	54.0	7.3	100.0	127.00	HORIZONTAL

Test Mode: 11N-20M/SISO-Antenna 2

Channel 01



Note: The peak exceeds the limit line is carrier frequency.

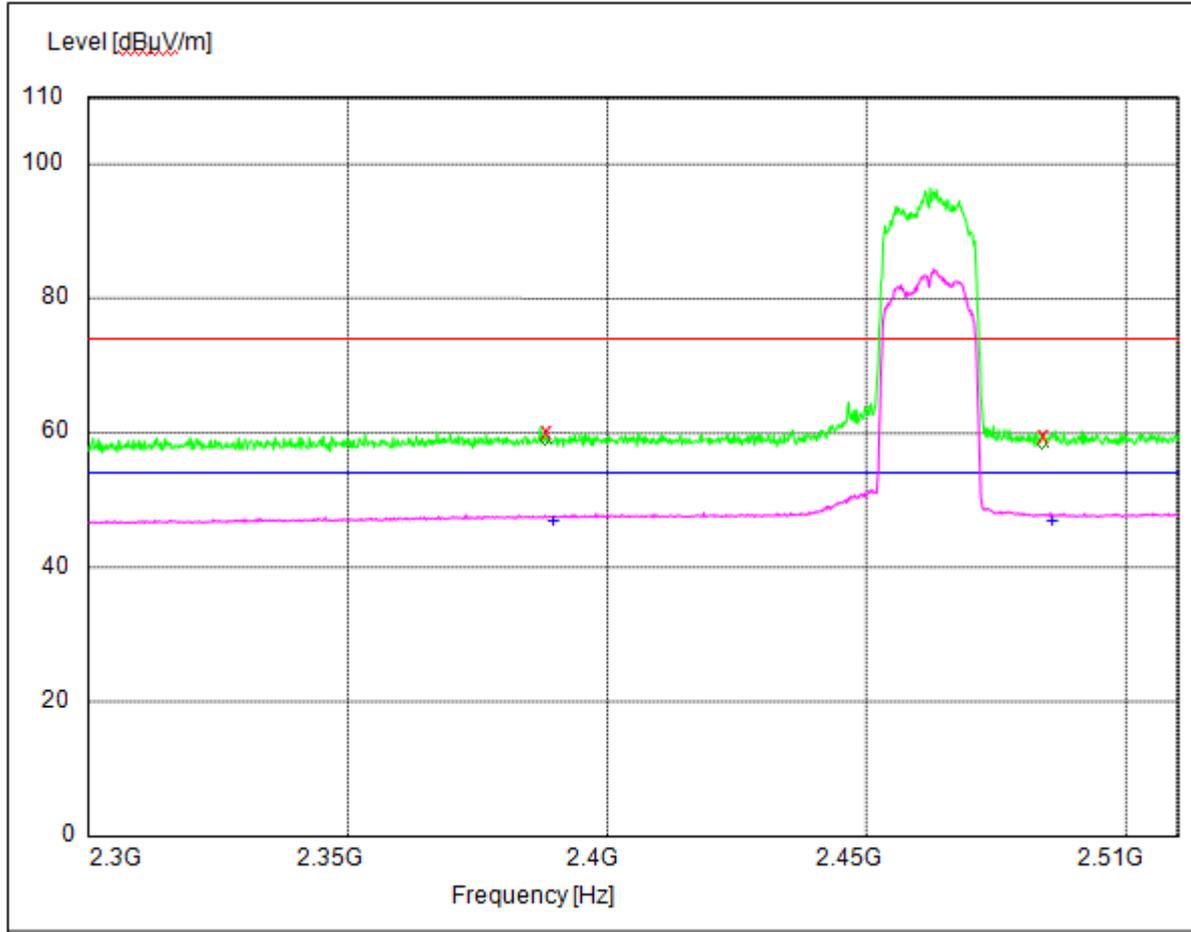
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.90	33.5	74.0	14.1	134.0	45.00	HORIZONTAL
2483.500000	59.80	33.7	74.0	14.2	149.0	345.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.50	33.5	54.0	7.5	120.0	132.00	VERTICAL
2483.500000	46.50	33.7	54.0	7.5	100.0	360.00	VERTICAL

Channel 11



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

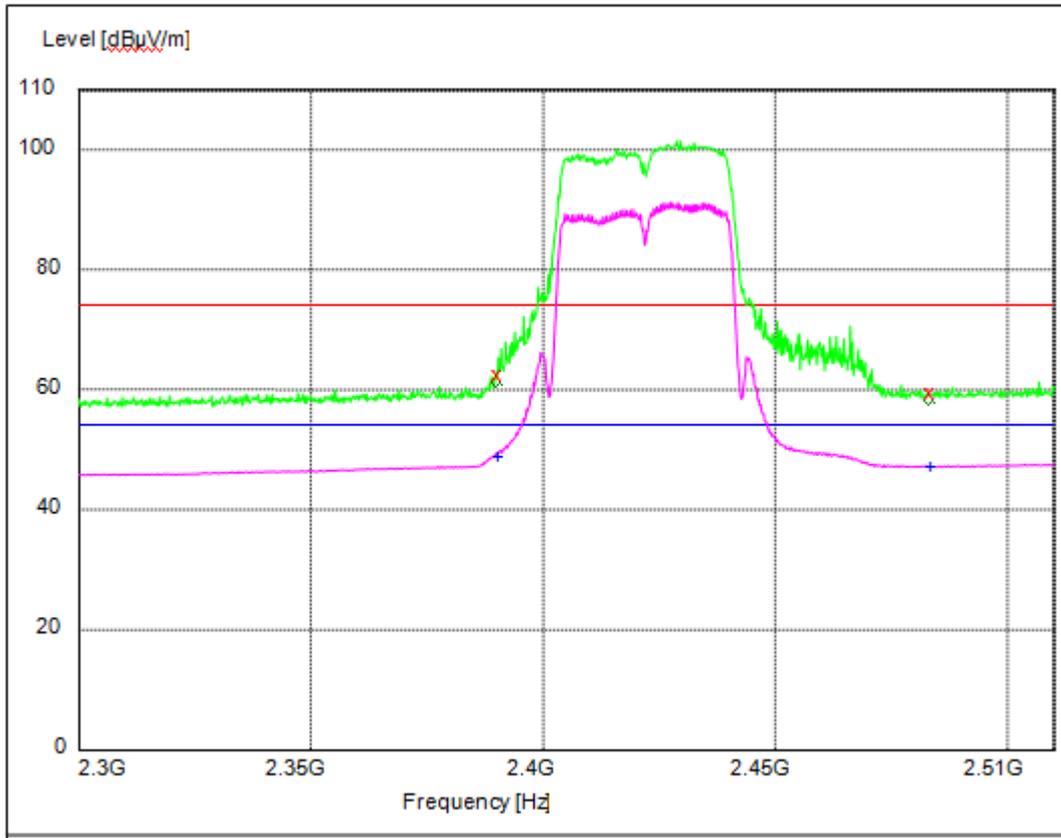
Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2388.500000	58.80	33.5	74.0	15.2	104.0	167.00	HORIZONTAL
2484.500000	59.90	33.8	74.0	14.1	140.0	34.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2389.500000	47.40	33.5	54.0	6.6	113.0	115.00	HORIZONTAL
2486.000000	46.60	33.8	54.0	7.4	100.0	250.00	HORIZONTAL

Test Mode: 11N-40M/SISO-Antenna 2

Channel 03



Note: The peak exceeds the limit line is carrier frequency.

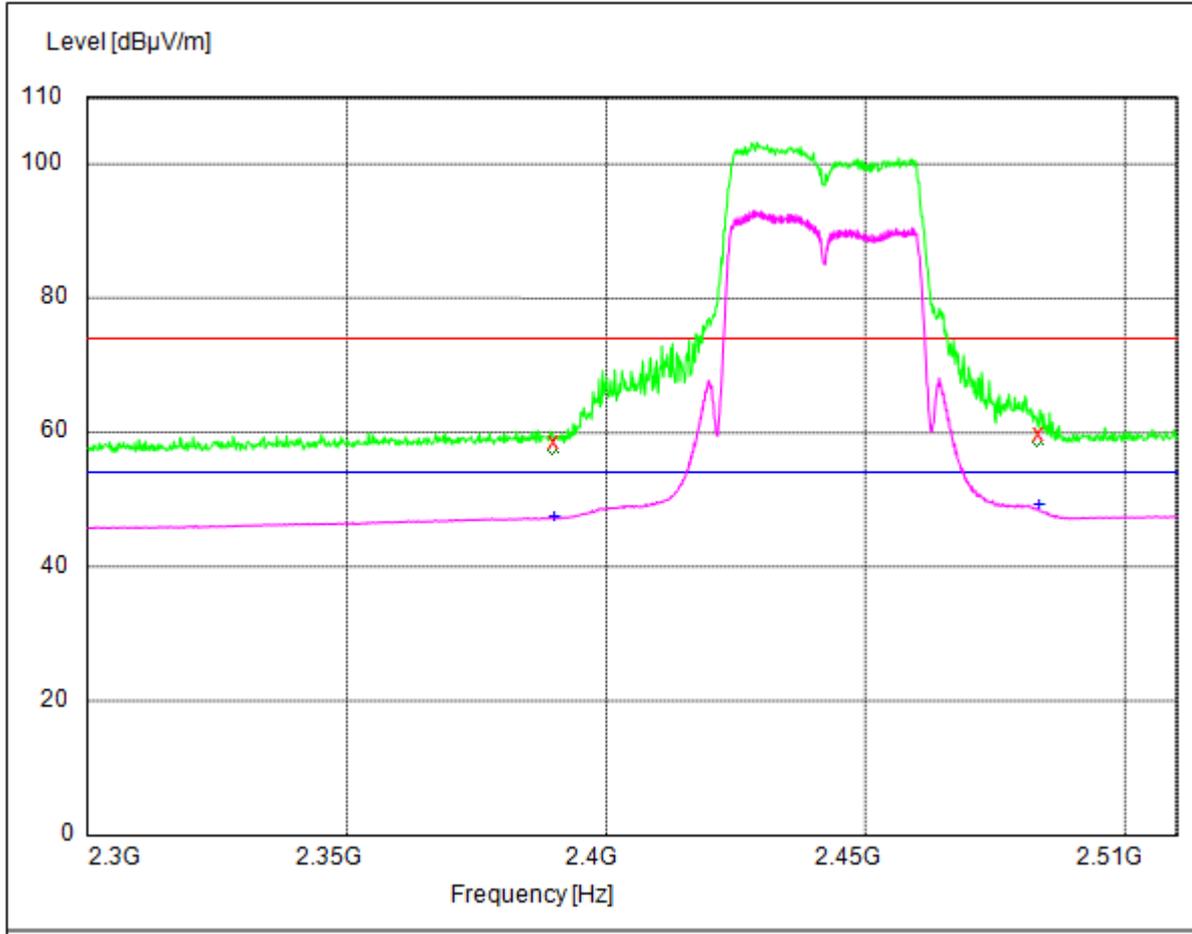
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	62.20	34.8	74.0	11.8	100.0	245.00	HORIZONTAL
2483.500000	58.90	35.1	74.0	15.1	113.0	79.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.40	34.8	54.0	5.6	100.0	153.00	HORIZONTAL
2483.500000	46.70	35.1	54.0	7.3	147.0	354.00	VERTICAL

Channel 09



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

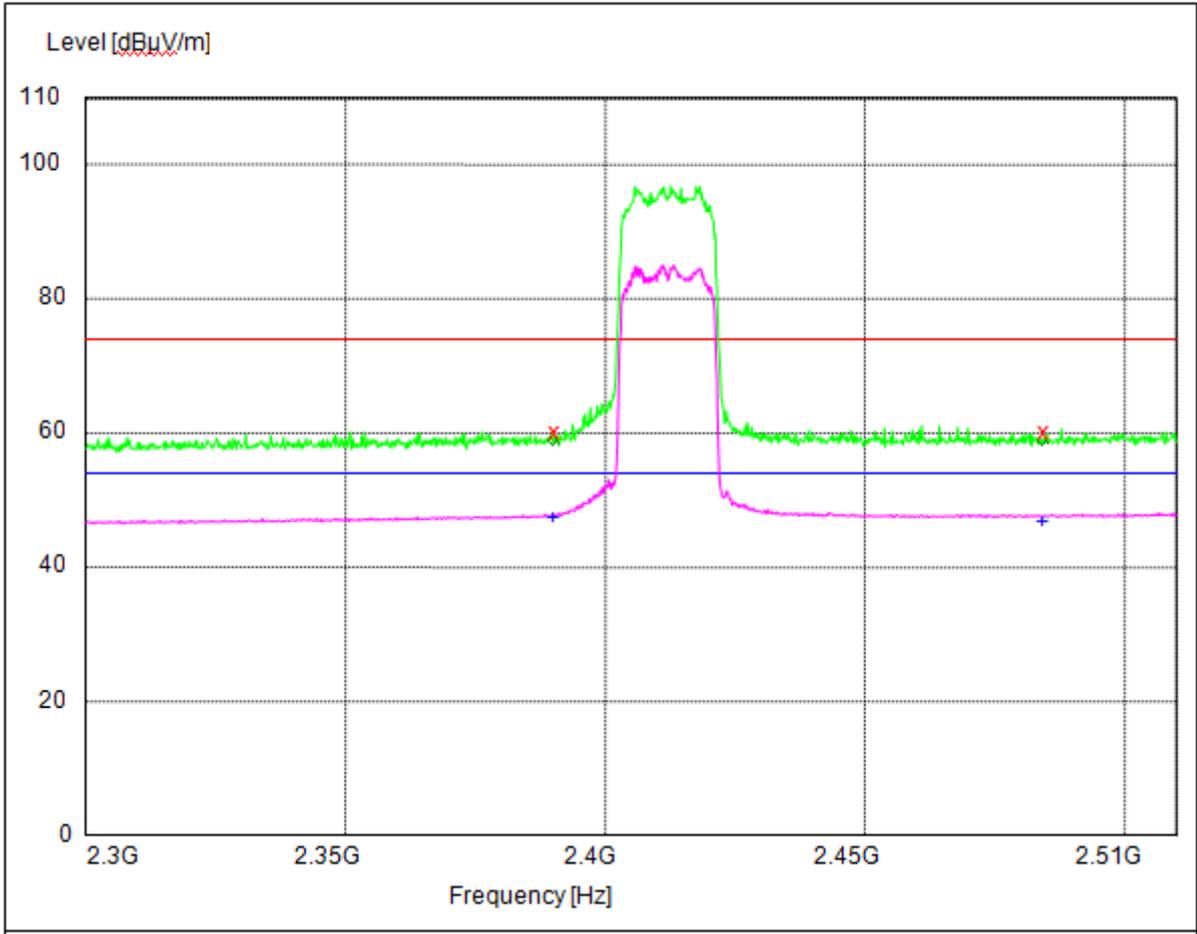
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	58.50	34.8	74.0	15.5	103.0	145.00	VERTICAL
2483.500000	59.70	35.1	74.0	14.3	103.0	347.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.90	34.8	54.0	7.1	150.0	169.00	HORIZONTAL
2483.500000	48.90	35.1	54.0	5.1	150.0	345.00	HORIZONTAL

Test Mode: 11N-20M/MIMO

Channel 01



Note: The peak exceeds the limit line is carrier frequency.

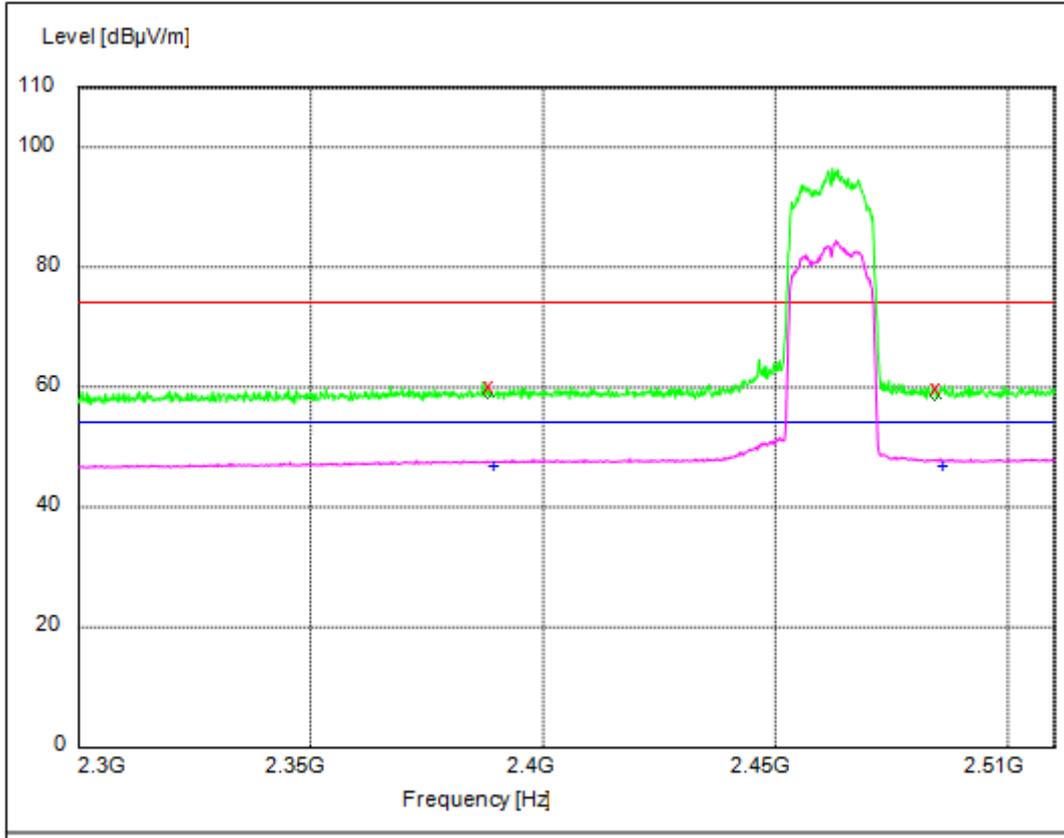
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.80	33.5	74.0	14.2	134.0	145.00	HORIZONTAL
2483.500000	59.70	33.7	74.0	14.3	149.0	43.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.00	33.5	54.0	8.0	120.0	153.00	VERTICAL
2483.500000	46.50	33.7	54.0	7.5	100.0	345.00	VERTICAL

Channel 11



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

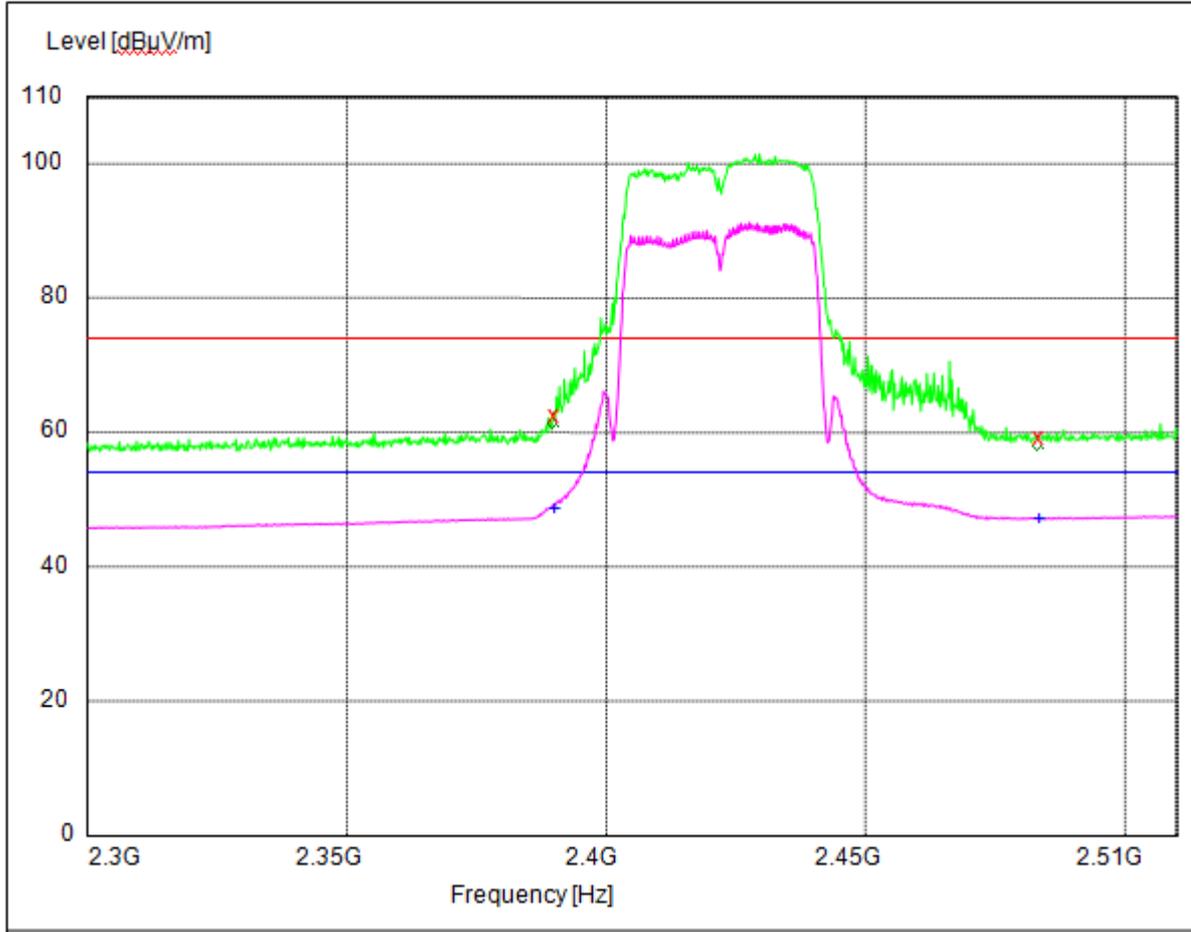
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2388.500000	60.40	33.5	74.0	13.6	104.0	124.00	HORIZONTAL
2484.500000	60.80	33.8	74.0	13.2	140.0	178.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2389.500000	45.40	33.5	54.0	8.6	113.0	198.00	VERTICAL
2486.000000	45.60	33.8	54.0	8.4	100.0	34.00	HORIZONTAL

Test Mode: 11N-40M/MIMO

Channel 03



Note: The peak exceeds the limit line is carrier frequency.

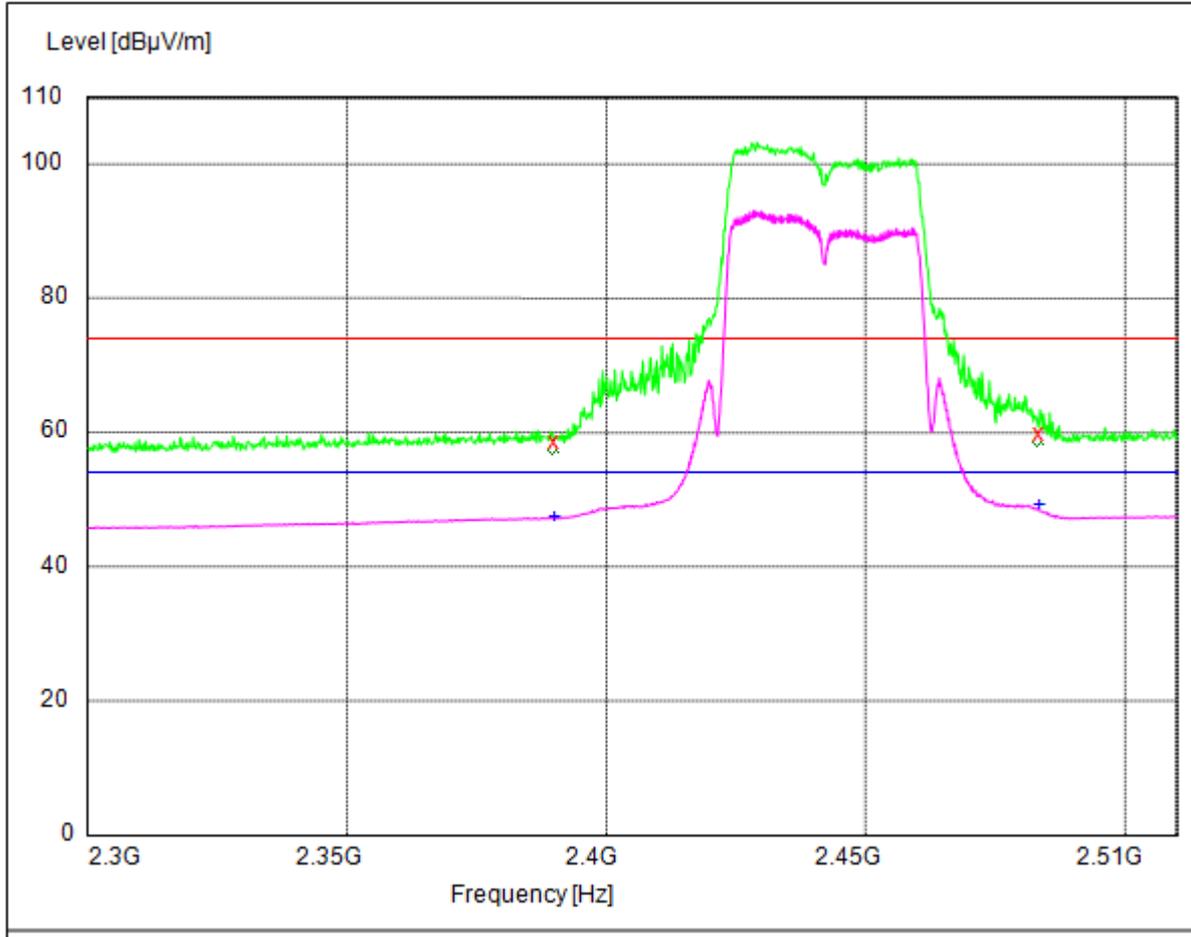
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	61.20	34.8	74.0	12.8	100.0	178.00	HORIZONTAL
2483.500000	58.90	35.1	74.0	15.1	113.0	354.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.40	34.8	54.0	7.6	100.0	45.00	HORIZONTAL
2483.500000	46.70	35.1	54.0	7.3	147.0	125.00	VERTICAL

**Channel 09**



Note: The peak exceeds the limit line is carrier frequency.

MEASUREMENT RESULT: PK Detector

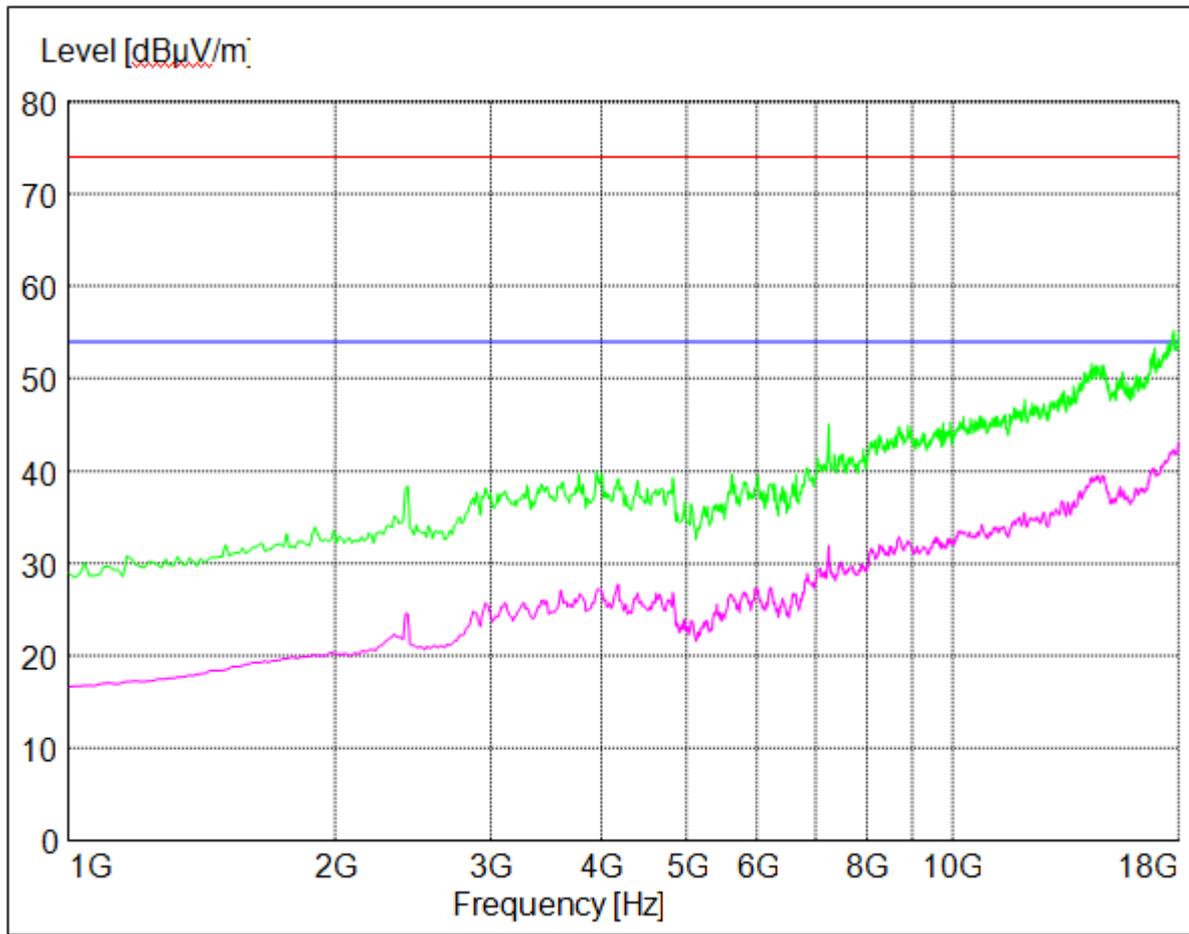
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.50	34.8	74.0	14.5	103.0	166.00	VERTICAL
2483.500000	59.50	35.1	74.0	14.5	103.0	127.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.90	34.8	54.0	5.1	150.0	278.00	HORIZONTAL
2483.500000	46.90	35.1	54.0	7.1	150.0	134.00	HORIZONTAL

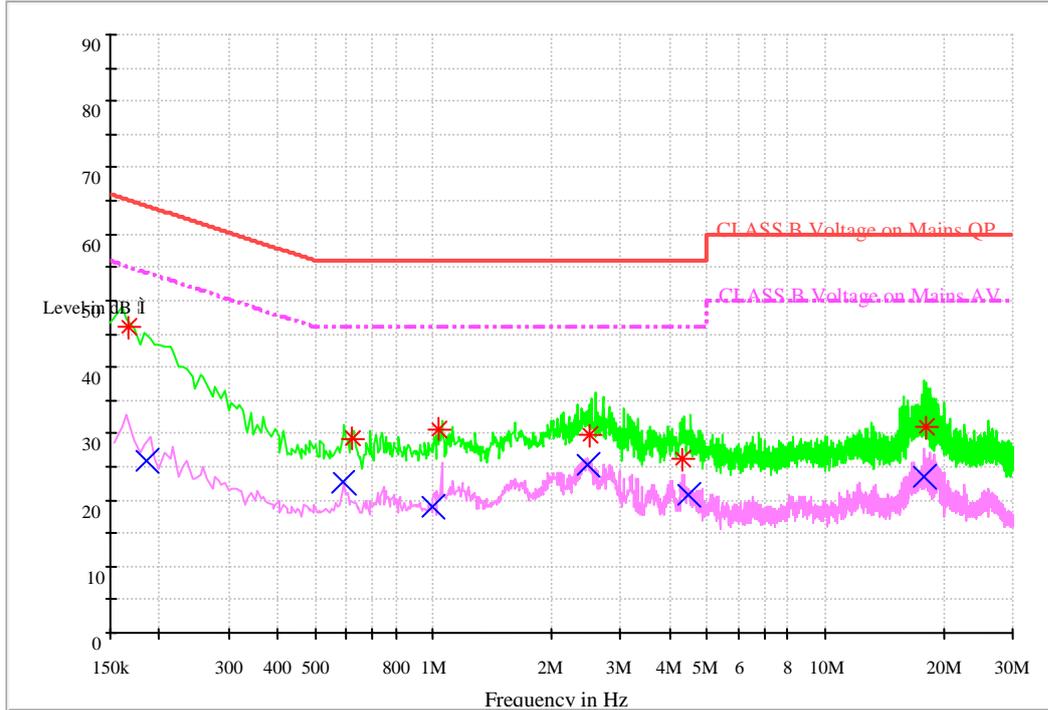
## Part 4: Testing Range of “1 GHz to 18 GHz”

- Note 1: The test results and plot for testing range of “1 GHz to 18 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of “1 GHz to 18 GHz” is for checking radiated emissions located in restricted bands faraway from the EUT operating bands.
- Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB $\mu$ V/m) and Average Limit (54 dB $\mu$ V/m).



# Appendix H: Conducted Emission at Power Port

Note: RBW =9 kHz, VBW = 30 kHz



### MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.166115	46.0	9.7	65.2	19.2	L1	FLO
0.617284	29.1	9.7	56.0	26.9	L1	FLO
1.035232	30.1	9.7	56.0	25.9	L1	FLO
2.517502	29.7	9.7	56.0	26.3	L1	FLO
4.336522	26.1	9.8	56.0	29.9	L1	FLO
18.052440	30.9	10.1	60.0	29.1	N	FLO

### MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.185674	26.0	9.7	54.2	28.2	L1	FLO
0.593550	22.5	9.7	46.0	23.5	L1	FLO
0.997342	18.9	9.7	46.0	27.1	L1	FLO



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2.487855	25.2	9.7	46.0	20.8	L1	FLO
4.443049	20.8	9.8	46.0	25.2	L1	FLO
17.868018	23.4	10.1	50.0	26.6	N	FLO

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END