



# 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

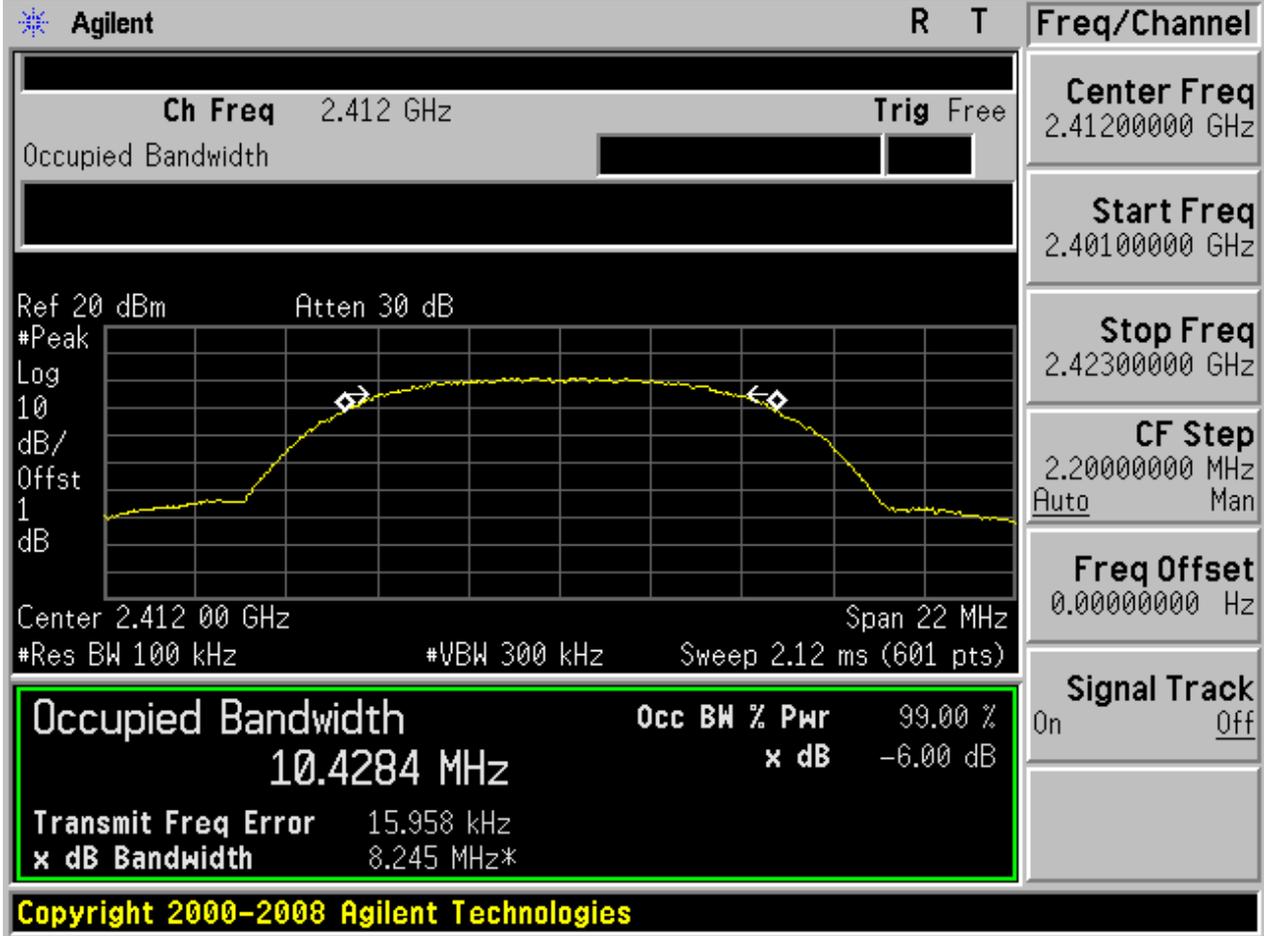
Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11B	L	2412	Ant 1	8.25	pass
11B	L	2412	Ant 2	8.48	pass
11B	M	2437	Ant 1	8.30	pass
11B	M	2437	Ant 2	8.19	pass
11B	H	2462	Ant 1	8.43	pass
11B	H	2462	Ant 2	8.45	pass
11G	L	2412	Ant 1	16.52	pass
11G	L	2412	Ant 2	16.54	pass
11G	M	2437	Ant 1	16.56	pass
11G	M	2437	Ant 2	16.54	pass
11G	H	2462	Ant 1	16.53	pass
11G	H	2462	Ant 2	16.51	pass
11N20	L	2412	Ant 1	17.76	pass
11N20	L	2412	Ant 2	17.72	pass
11N20	M	2437	Ant 1	17.77	pass
11N20	M	2437	Ant 2	17.57	pass
11N20	H	2462	Ant 1	17.75	pass
11N20	H	2462	Ant 2	17.60	pass
11N20m	L	2412	Ant 1	17.68	pass
11N20m	L	2412	Ant 2	17.74	pass
11N20m	M	2437	Ant 1	17.74	pass
11N20m	M	2437	Ant 2	17.72	pass
11N20m	H	2462	Ant 1	17.70	pass
11N20m	H	2462	Ant 2	17.73	pass
11N40	L	2422	Ant 1	36.01	pass
11N40	L	2422	Ant 2	35.45	pass
11N40	M	2437	Ant 1	33.32	pass



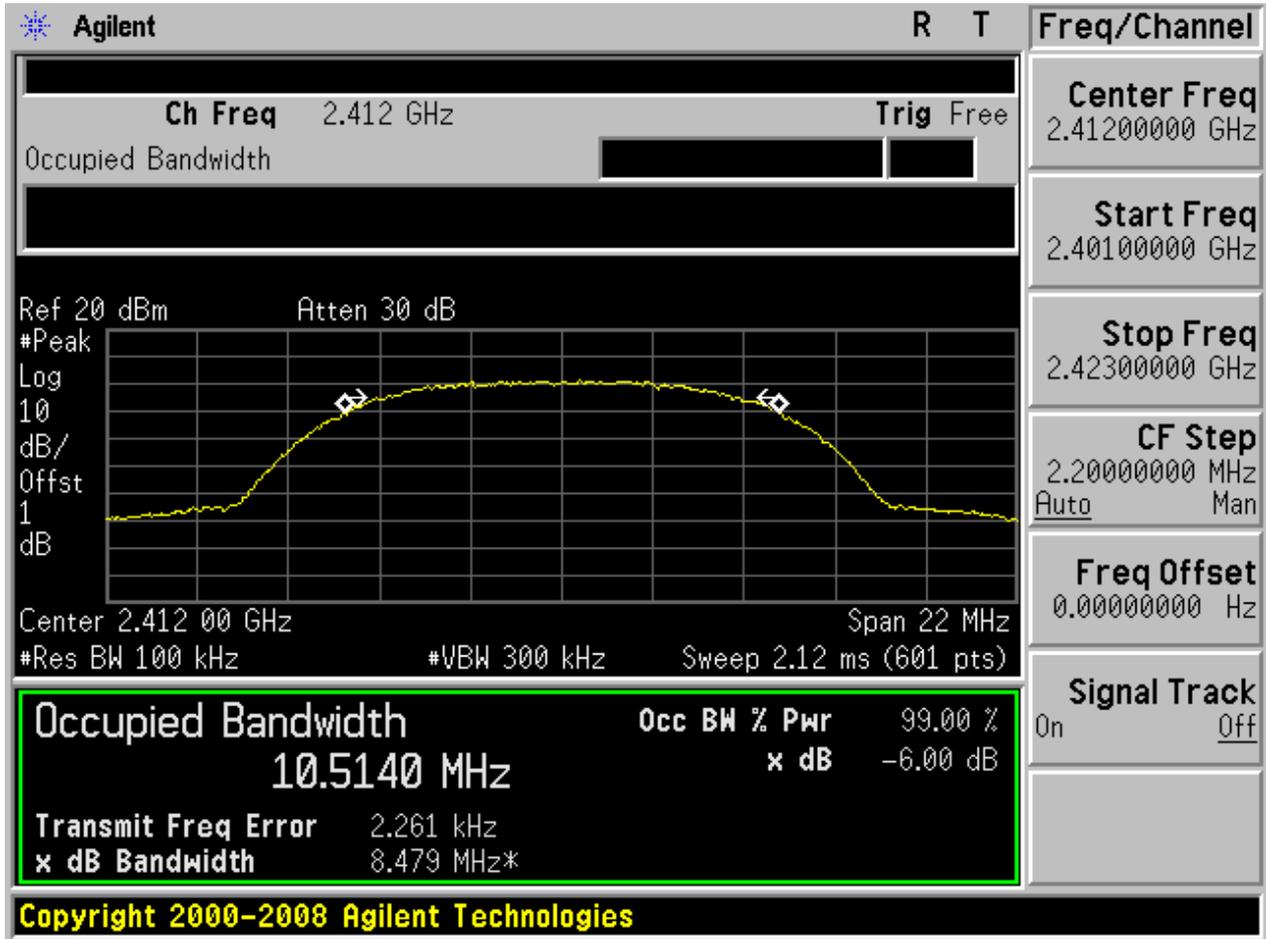
Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11N40	M	2437	Ant 2	36.39	pass
11N40	M	2437	Ant 1	36.41	pass
11N40	H	2452	Ant 1	35.74	pass
11N40	H	2452	Ant 2	35.71	pass
11N40m	L	2422	Ant 1	35.20	pass
11N40m	L	2422	Ant 2	35.40	pass
11N40m	M	2437	Ant 1	36.03	pass
11N40m	M	2437	Ant 2	35.81	pass
11N40m	H	2452	Ant 1	35.70	pass
11N40m	H	2452	Ant 2	28.94	pass

Part II - Test Plots

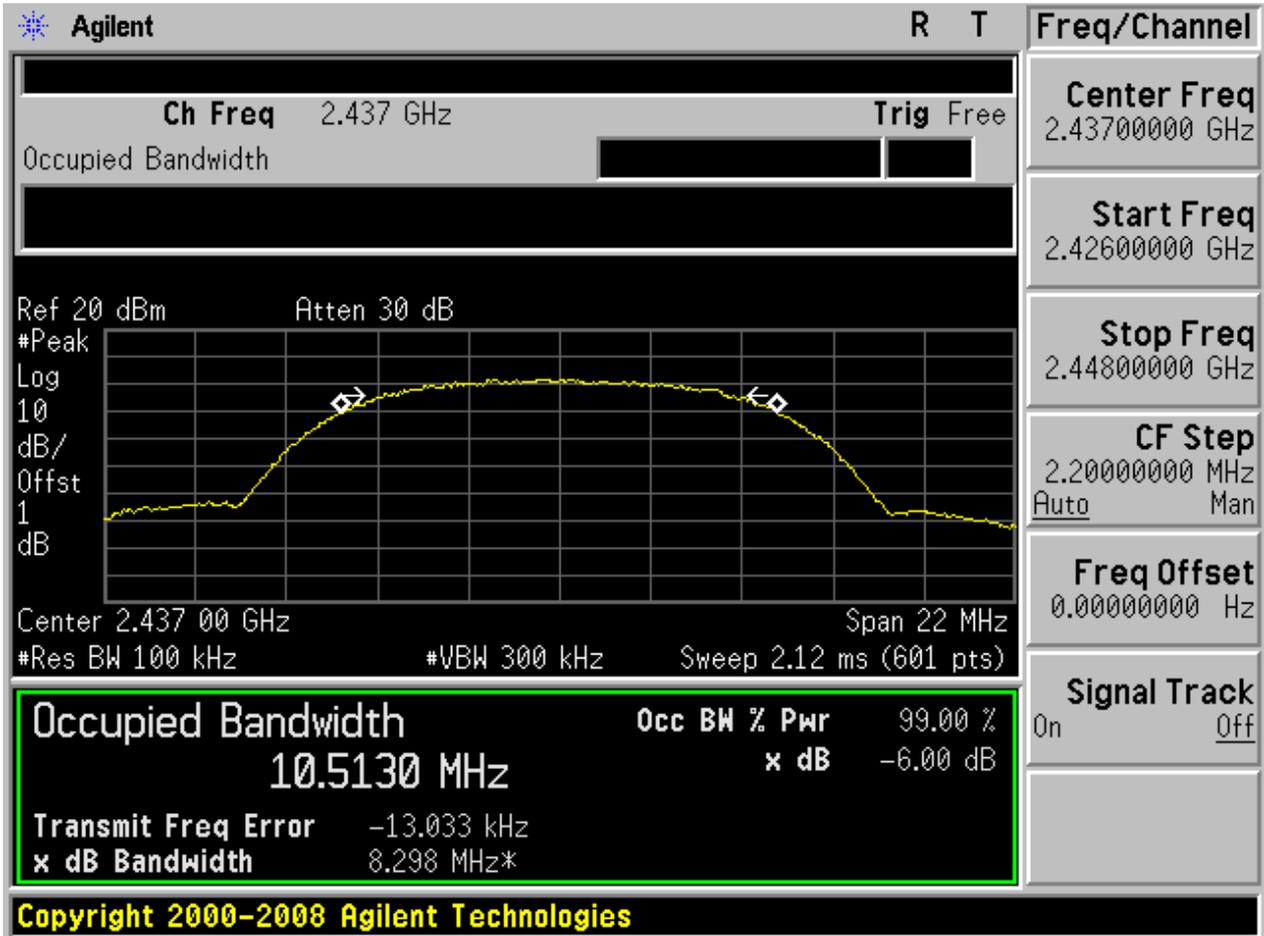
2.1 11B\_L@Ant 1



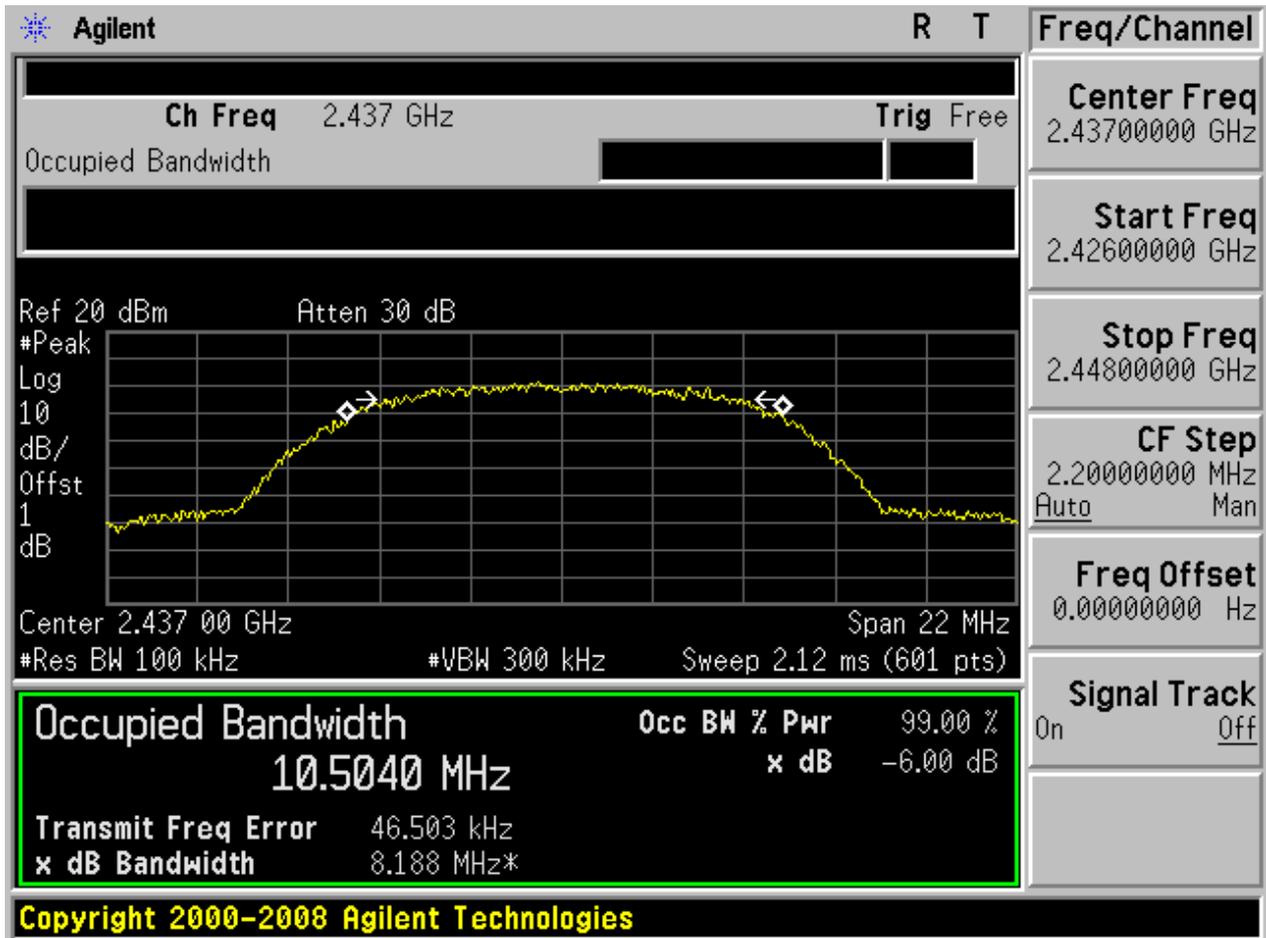
## 2.2 11B\_L@Ant 2



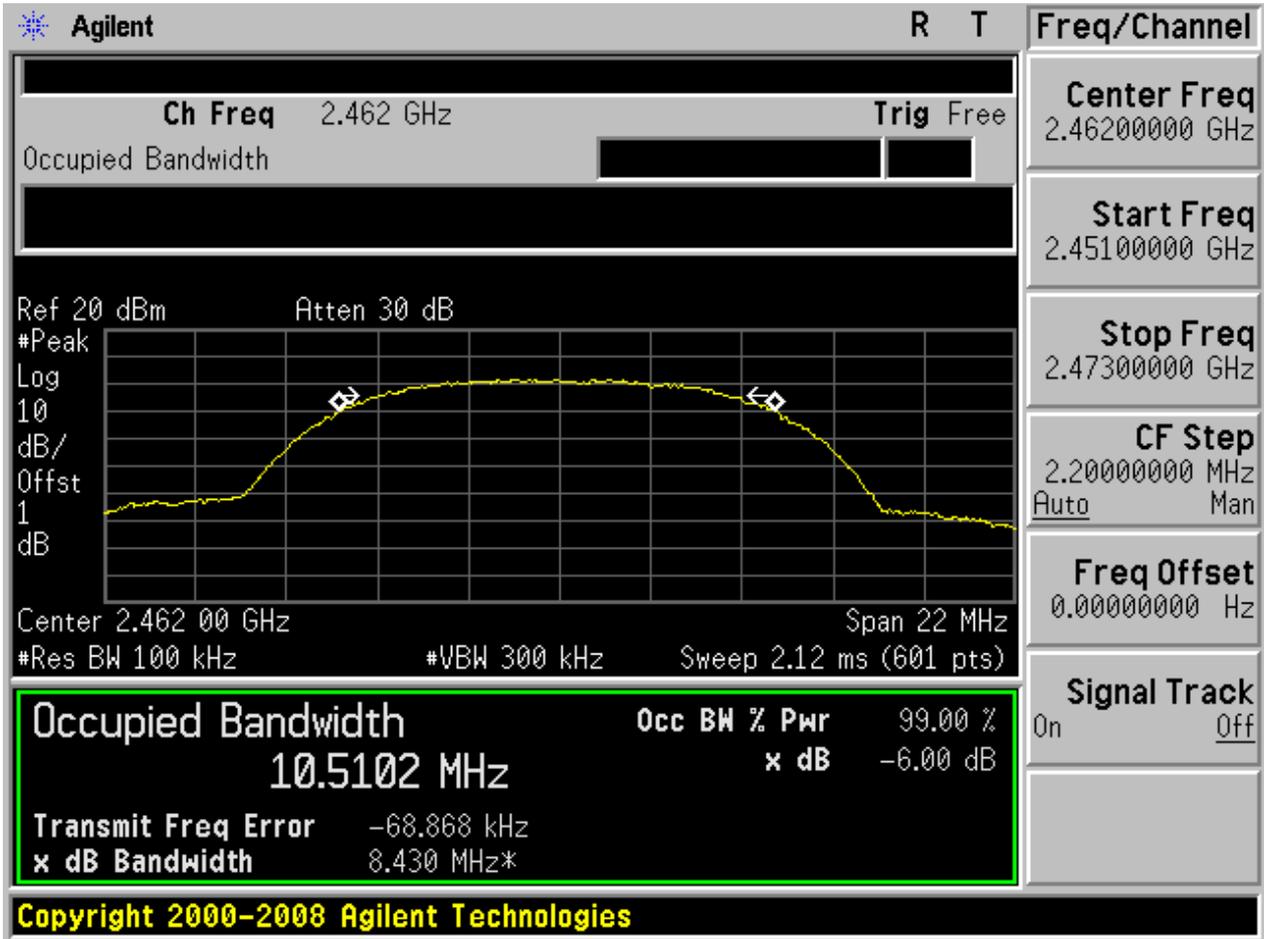
### 2.3 11B\_M@Ant 1



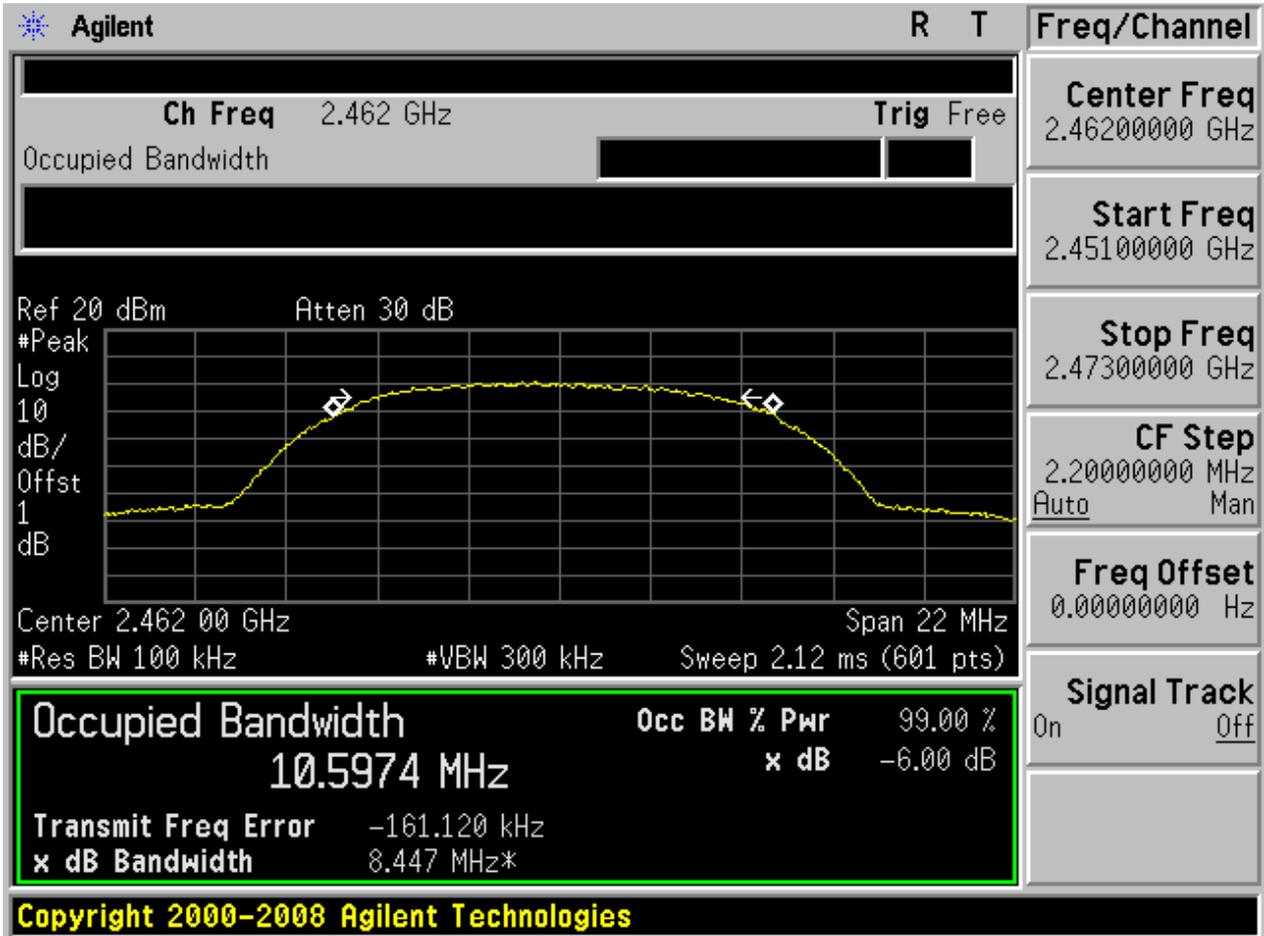
### 2.4 11B\_M@Ant 2



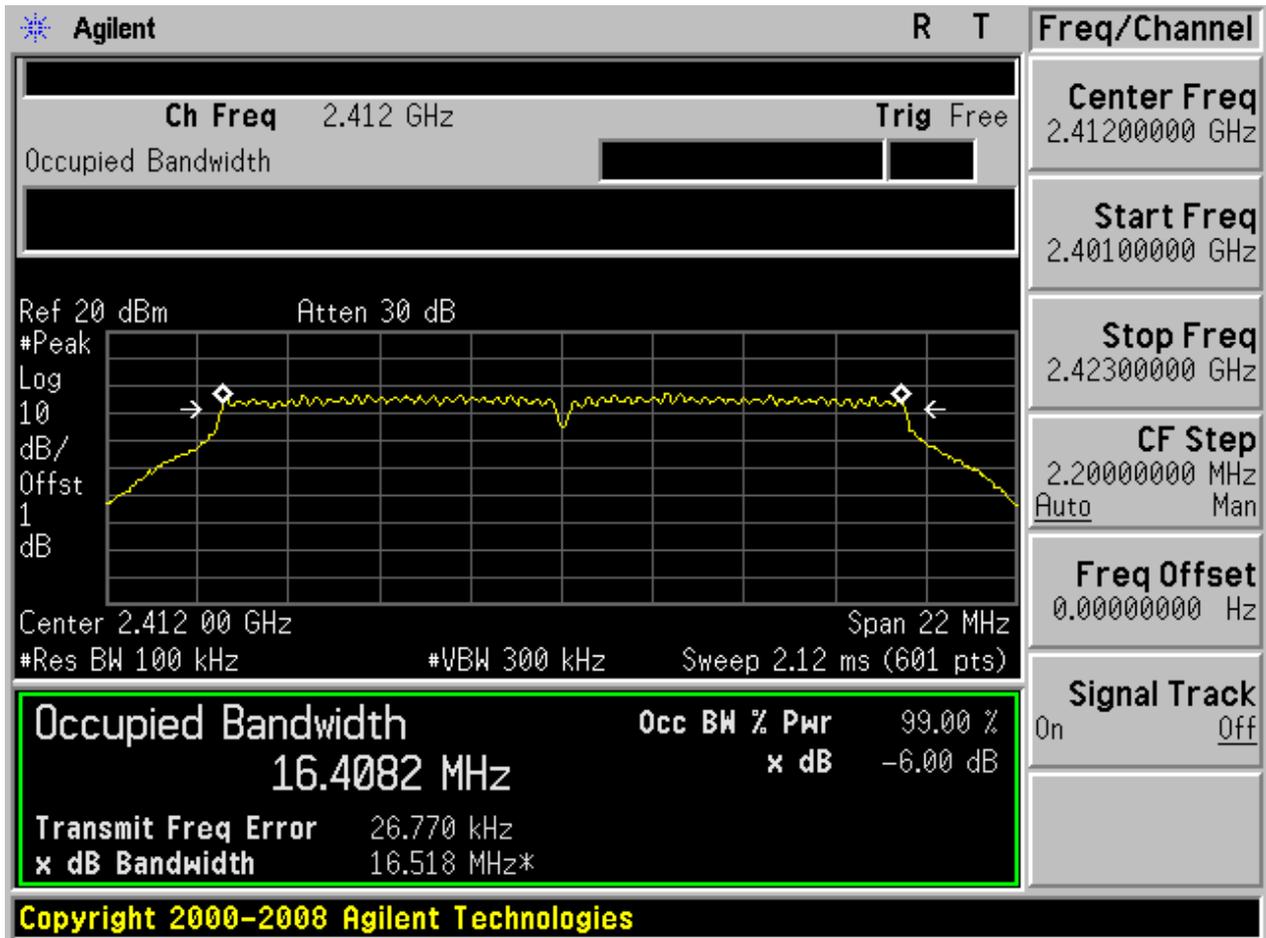
### 2.5 11B\_H@Ant 1



### 2.6 11B\_H@Ant 2

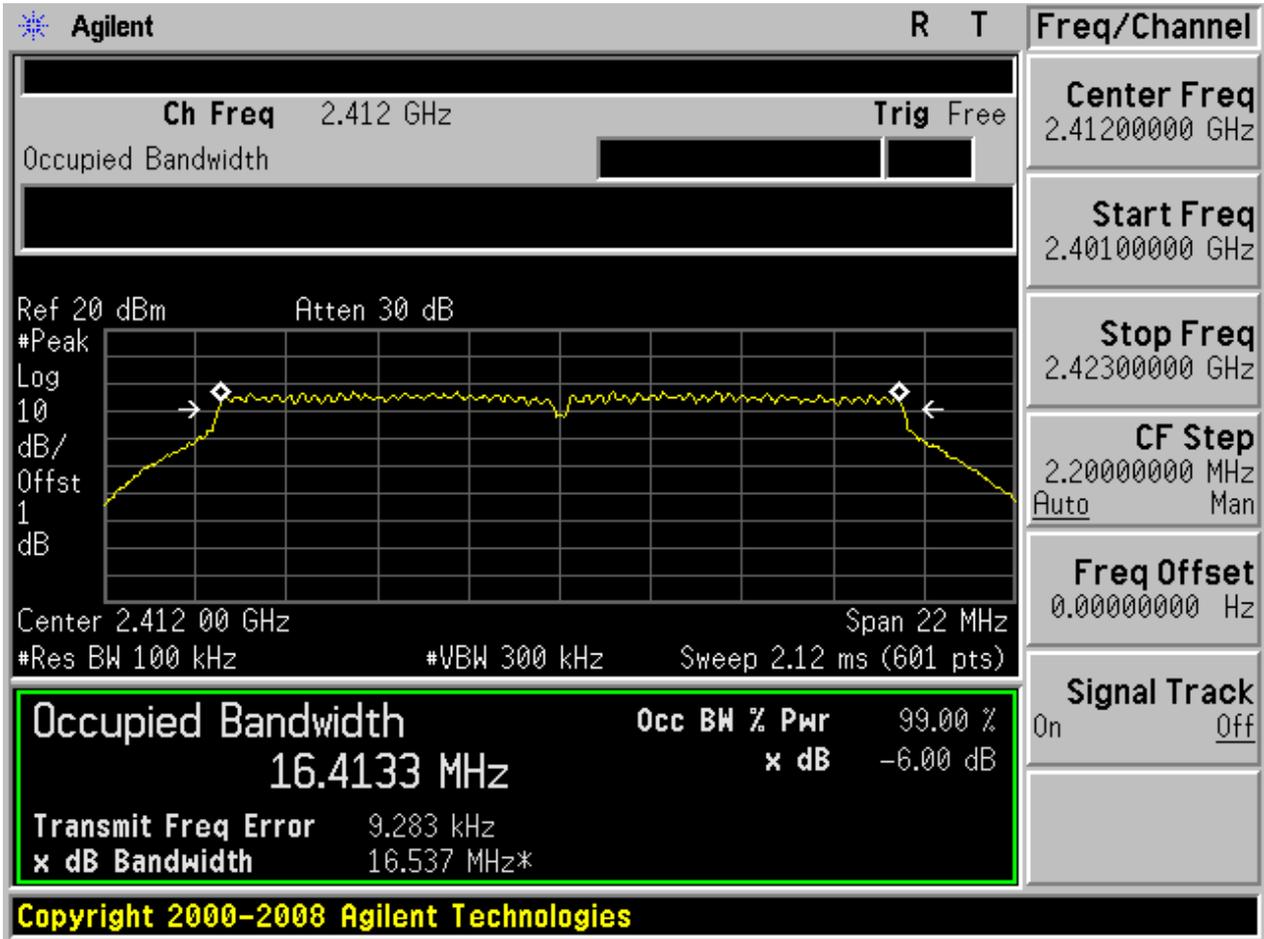


### 2.7 11G\_L@Ant 1



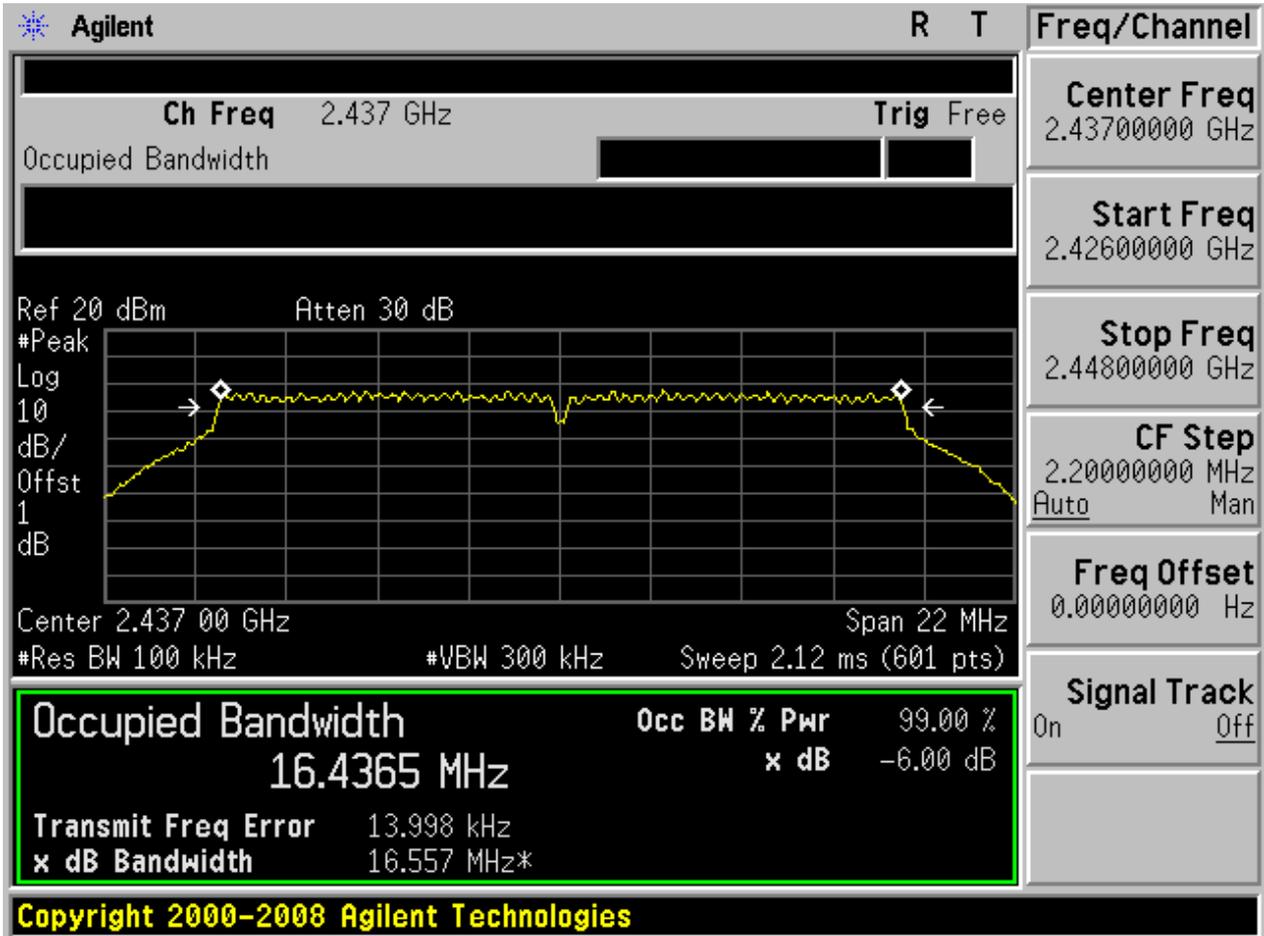


### 2.8 11G\_L@Ant 2

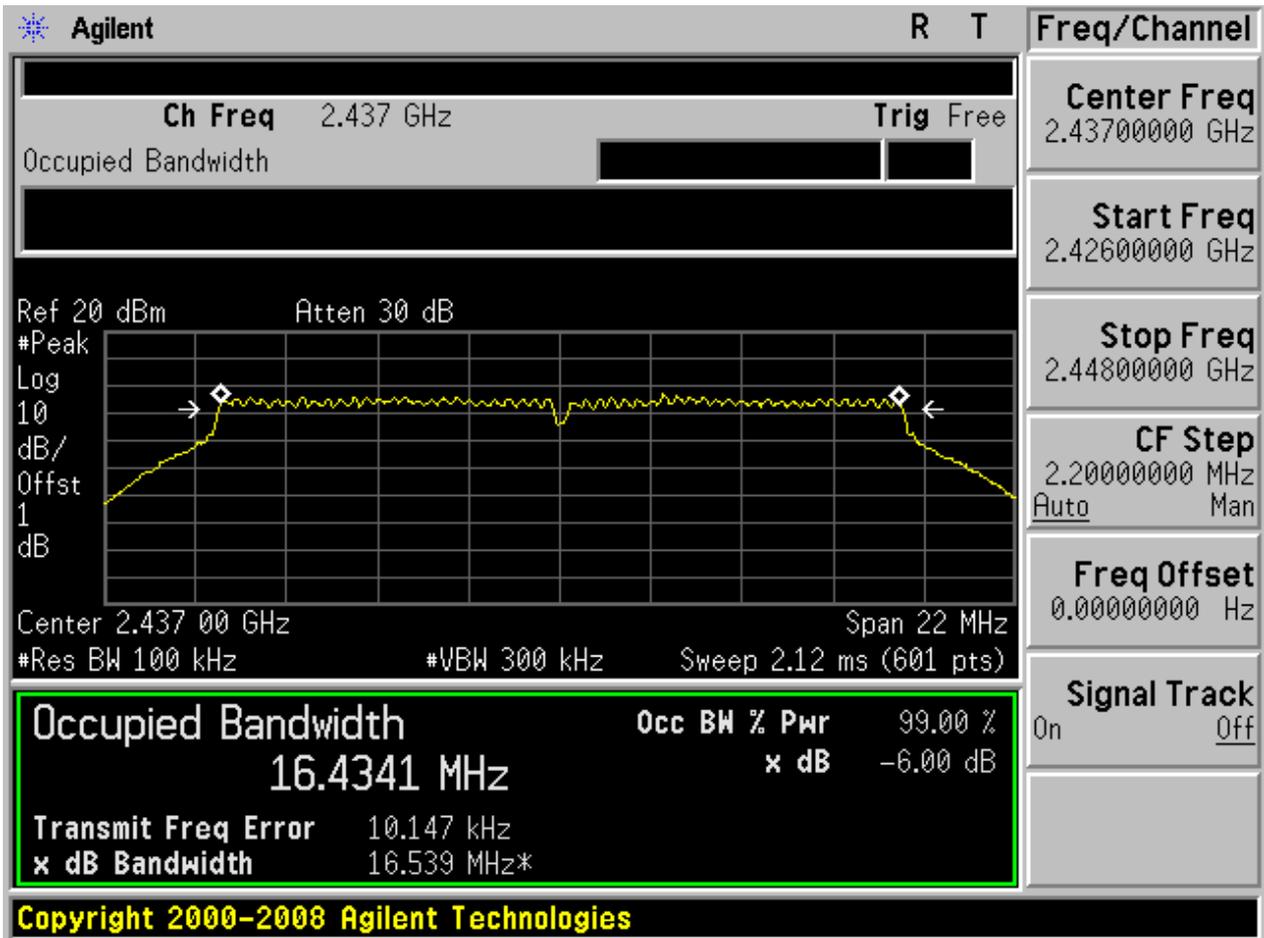




### 2.9 11G\_M@Ant 1

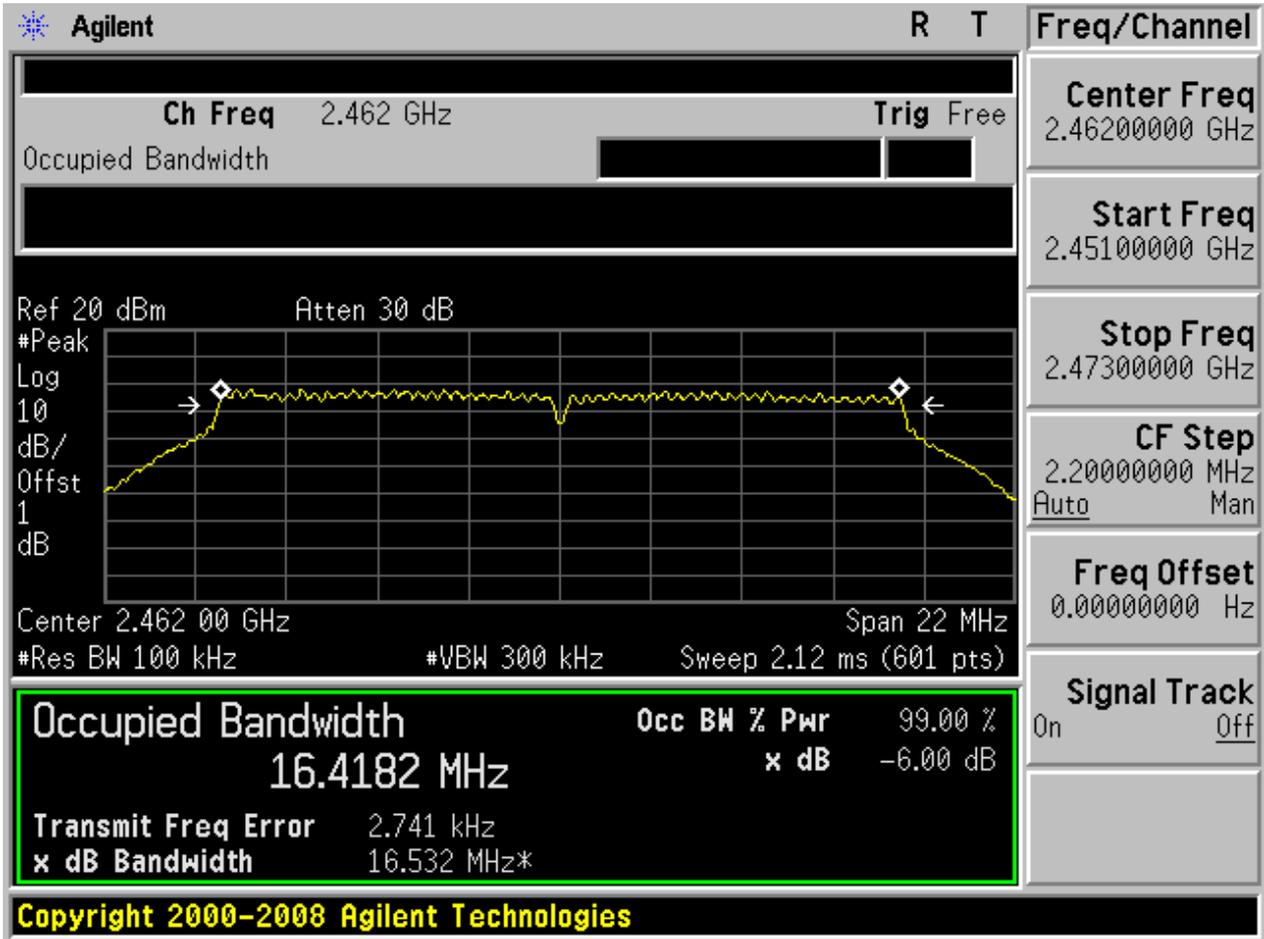


2.10 11G\_M@Ant 2

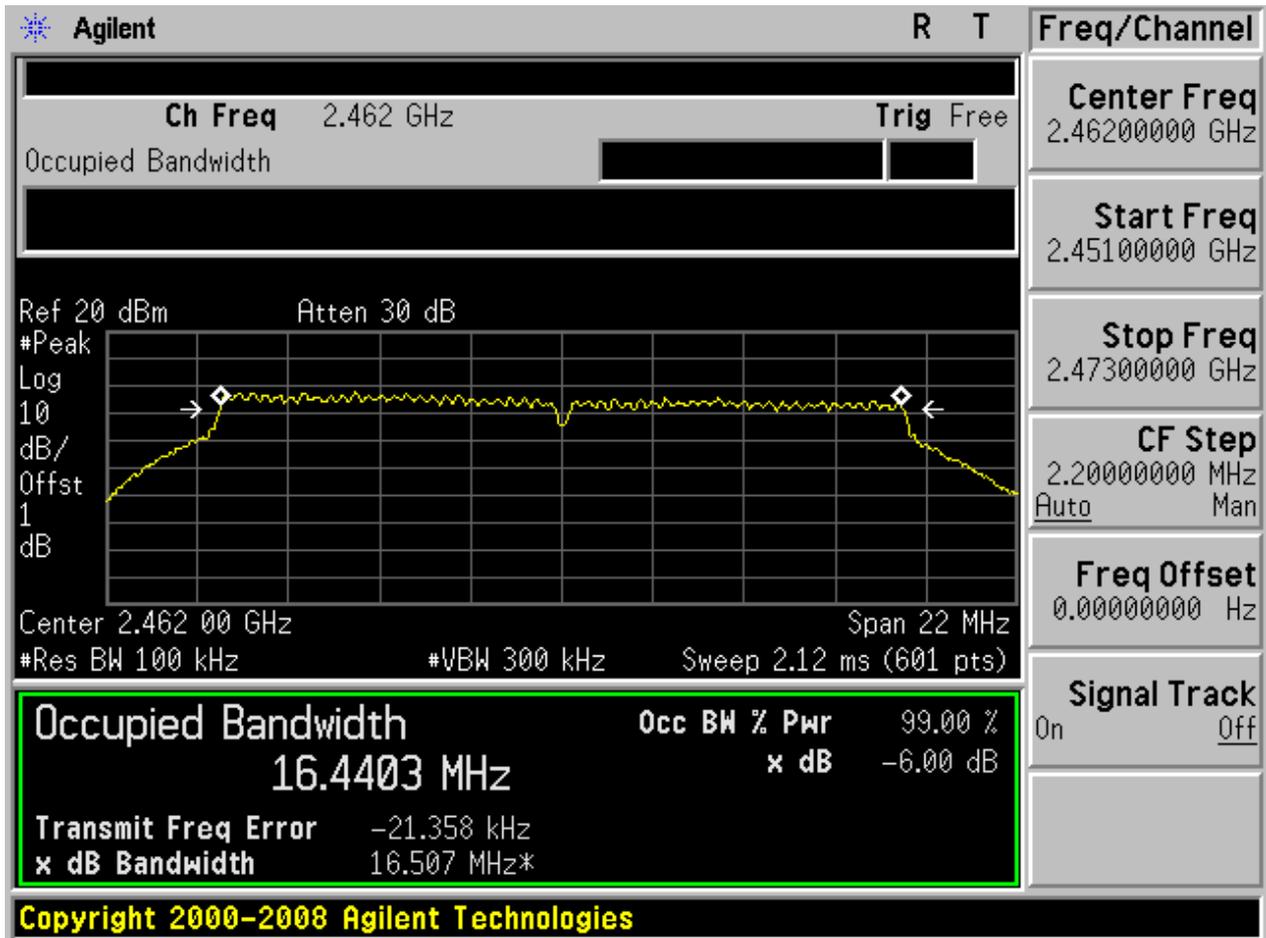




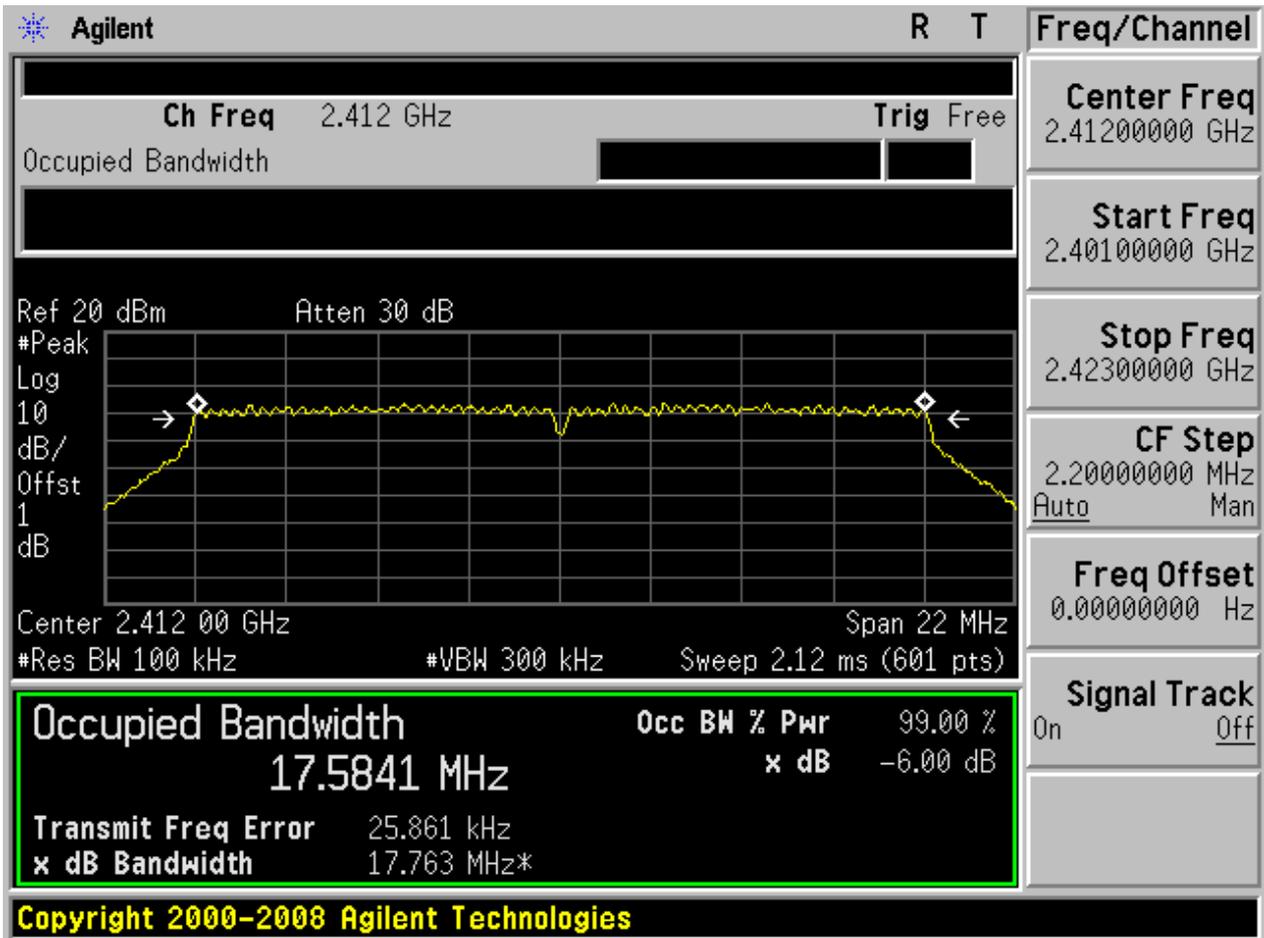
### 2.11 11G\_H@Ant 1



### 2.12 11G\_H@Ant 2

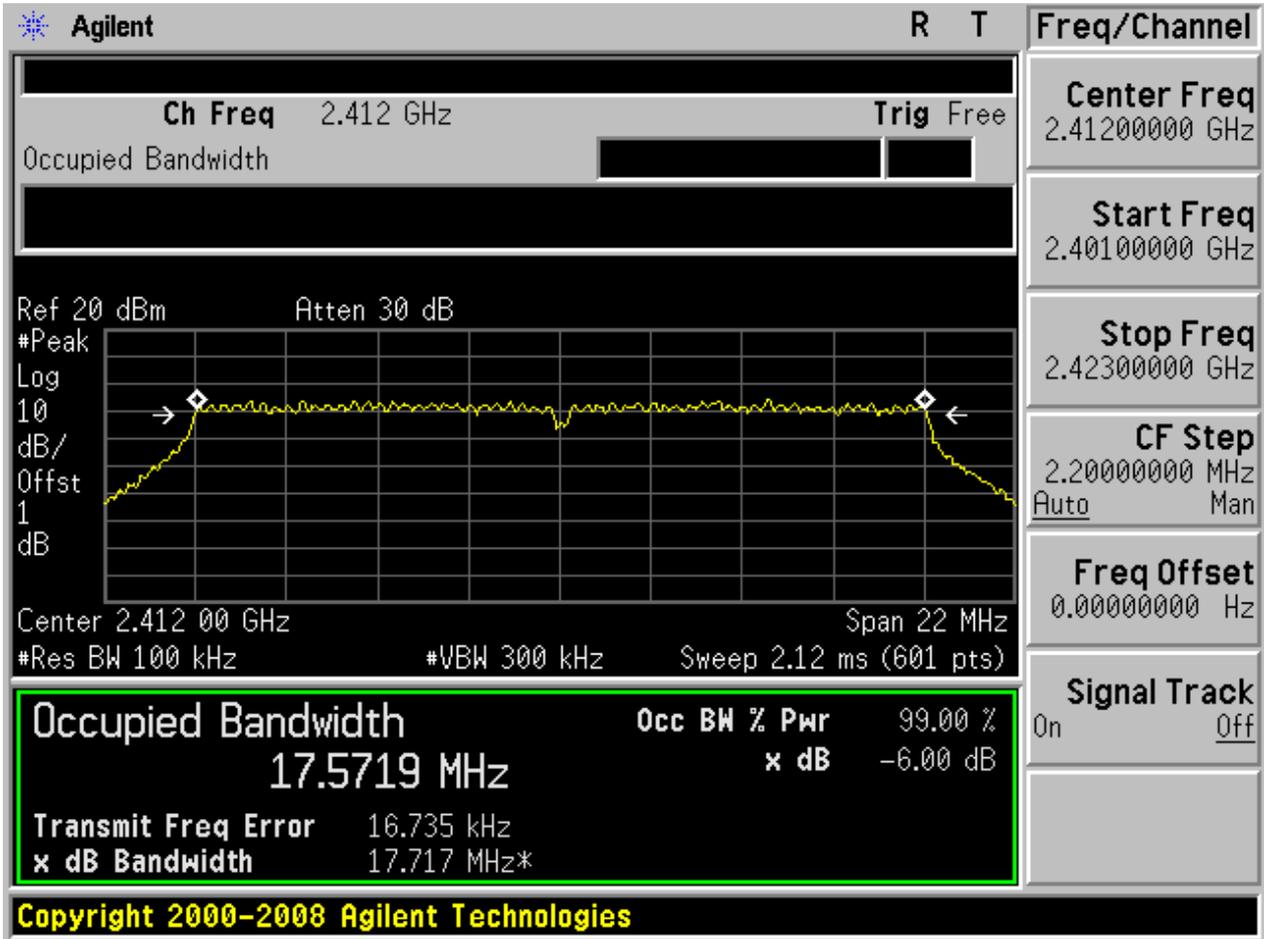


2.13 11N20\_L@Ant 1



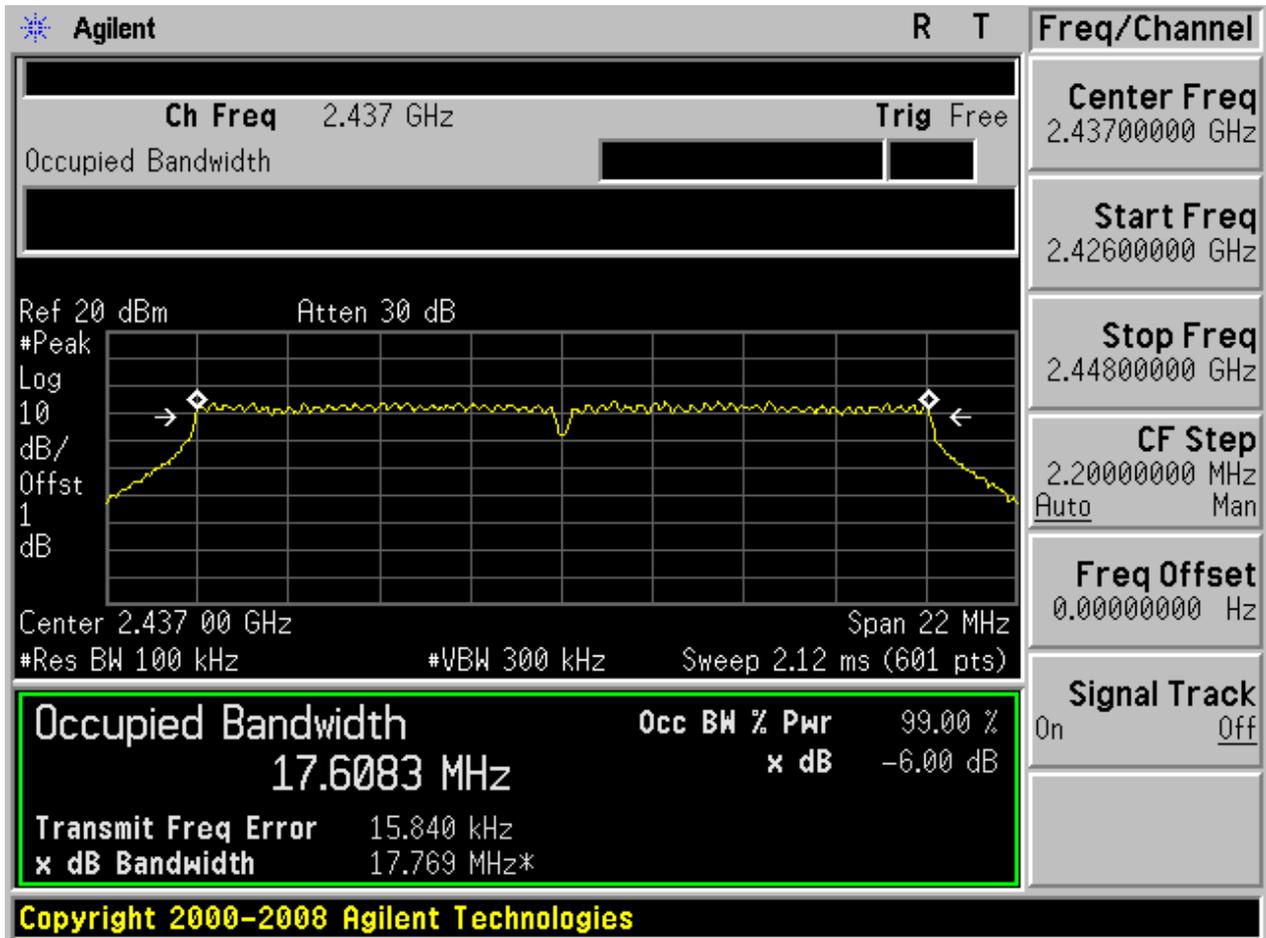


### 2.14 11N20\_L@Ant 2



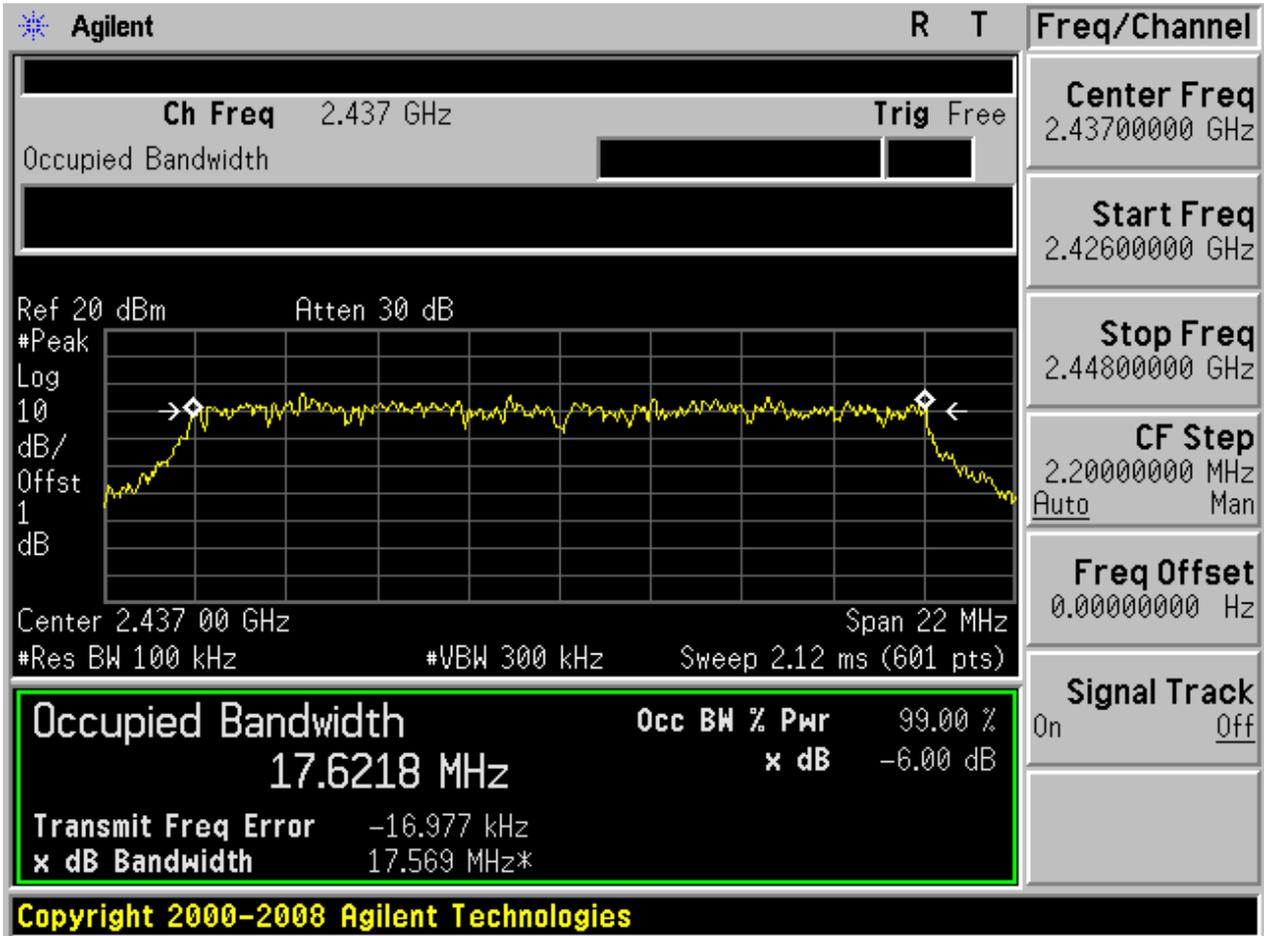


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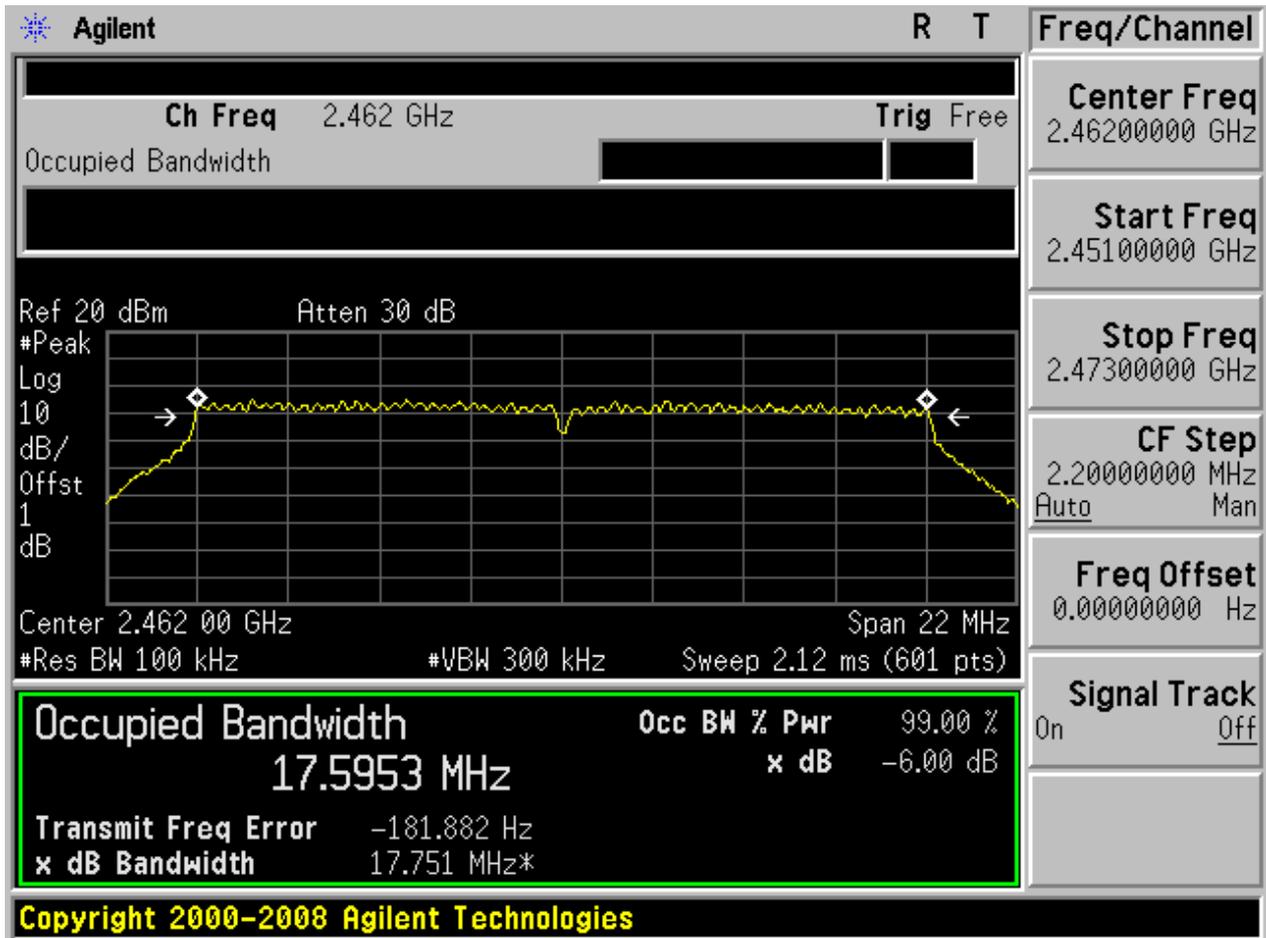




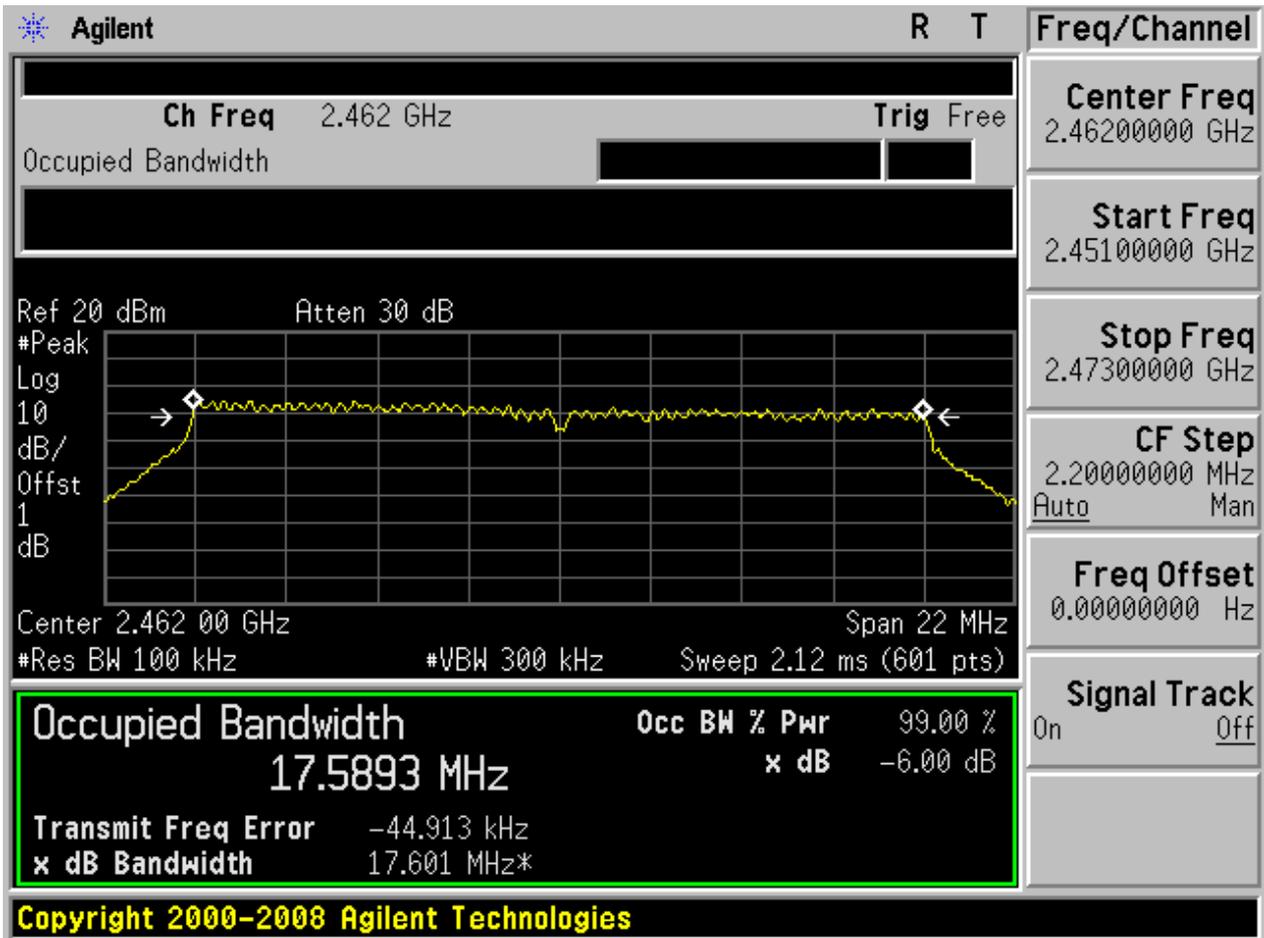
### 2.16 11N20\_M@Ant 2



### 2.17 11N20\_H@Ant 1

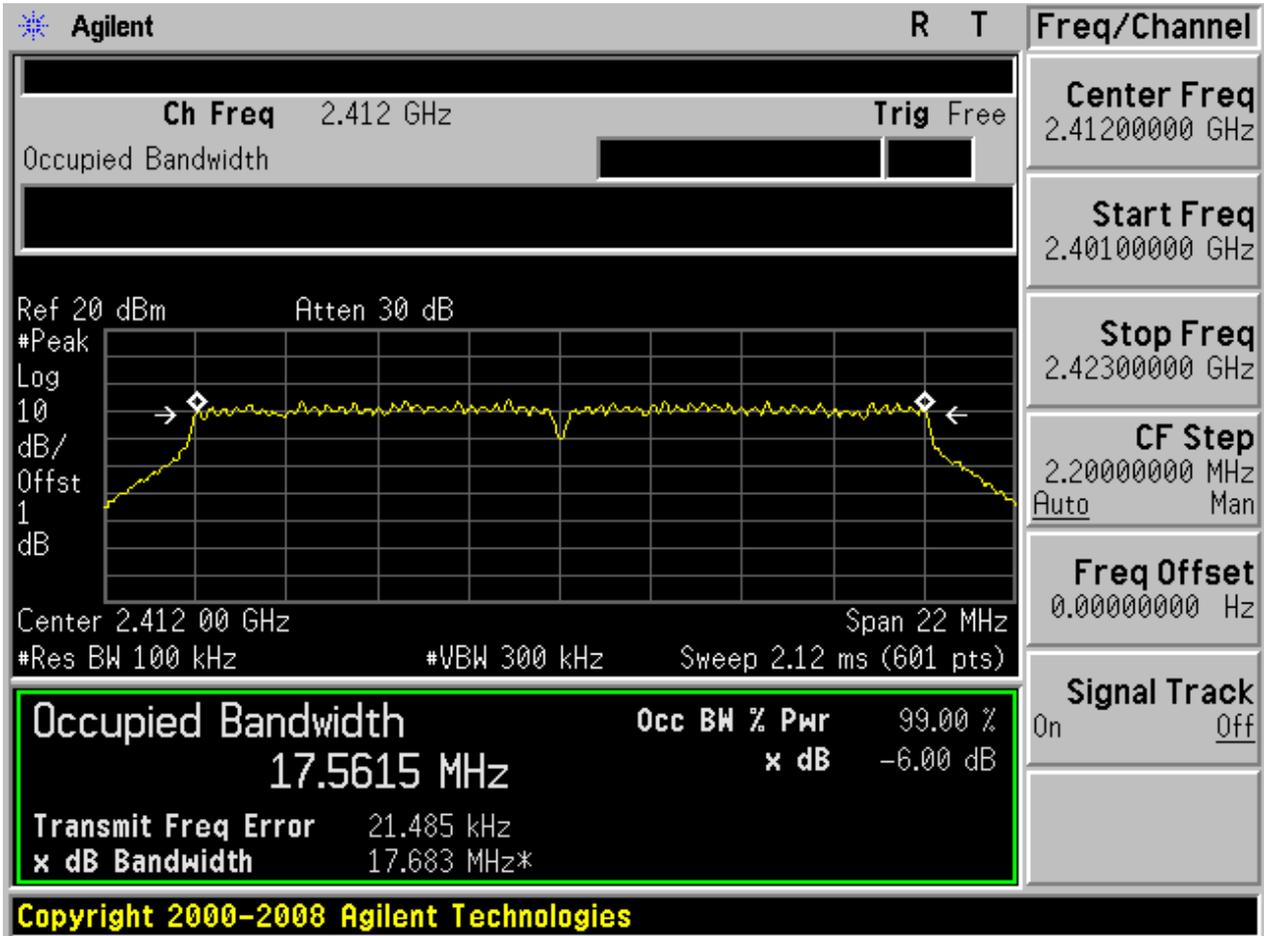


### 2.18 11N20\_H@Ant 2

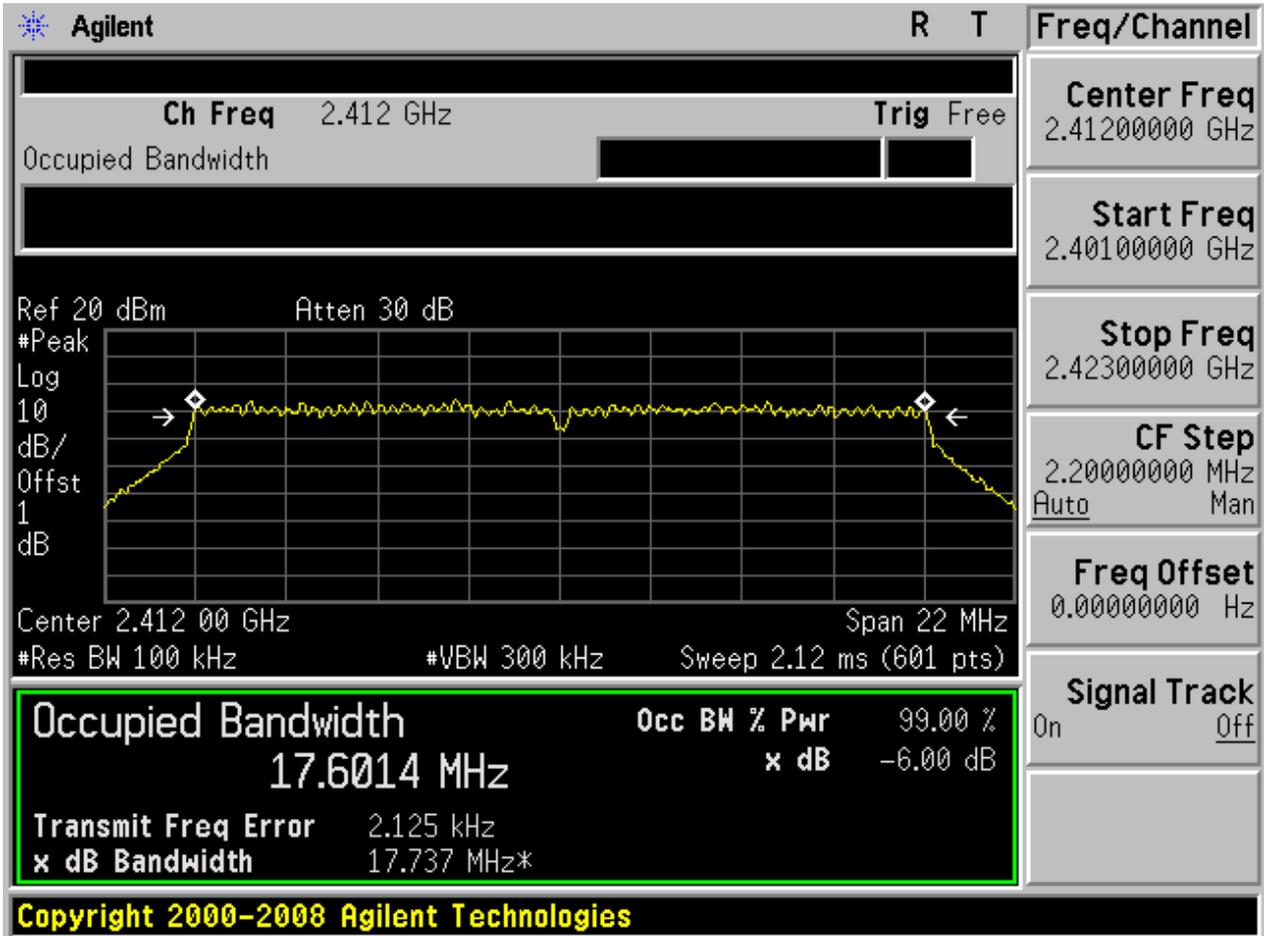




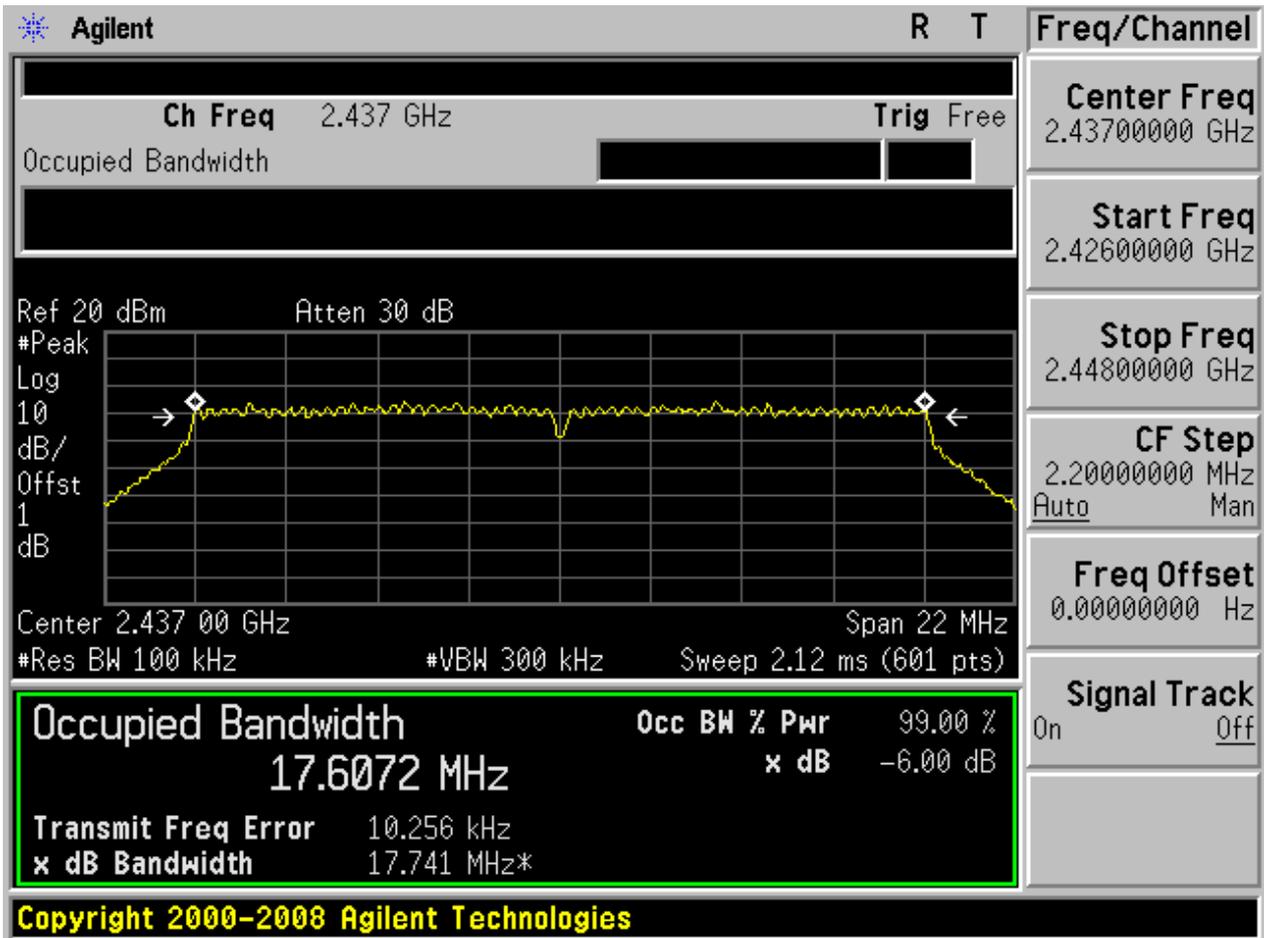
### 2.19 11N20m\_L@Ant 1



2.20 11N20m\_L@Ant 2

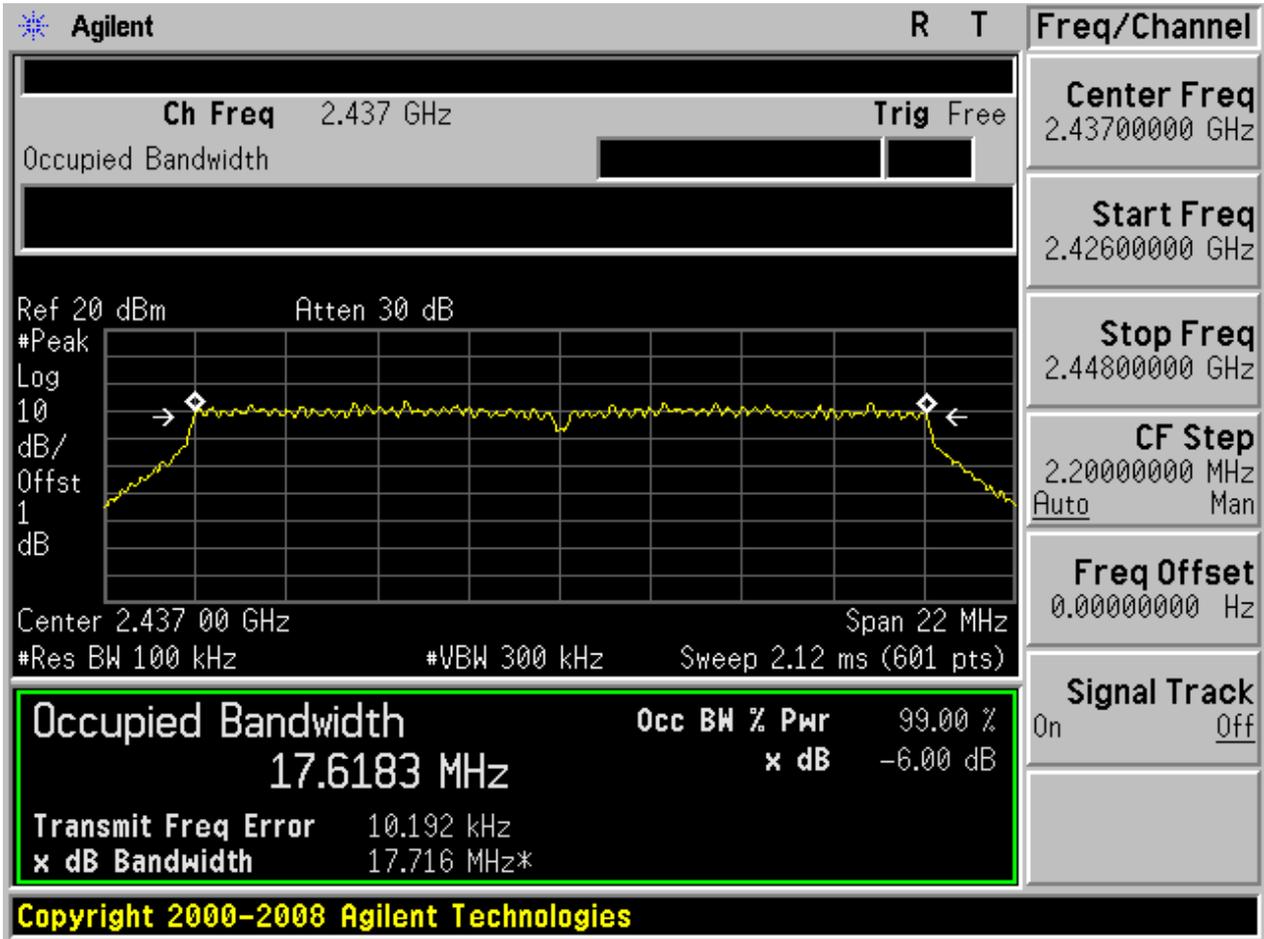


### 2.21 11N20m\_M@Ant 1

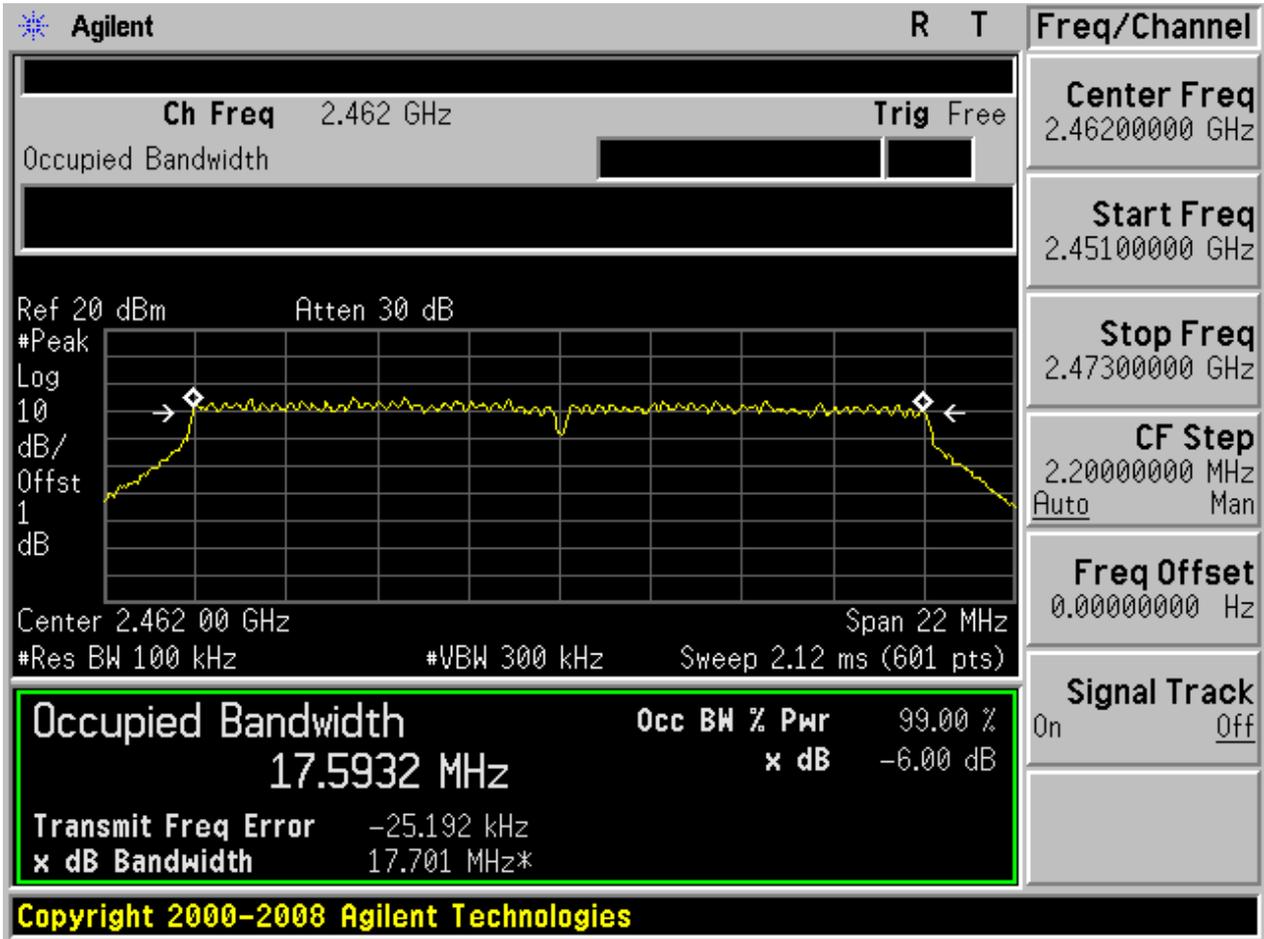




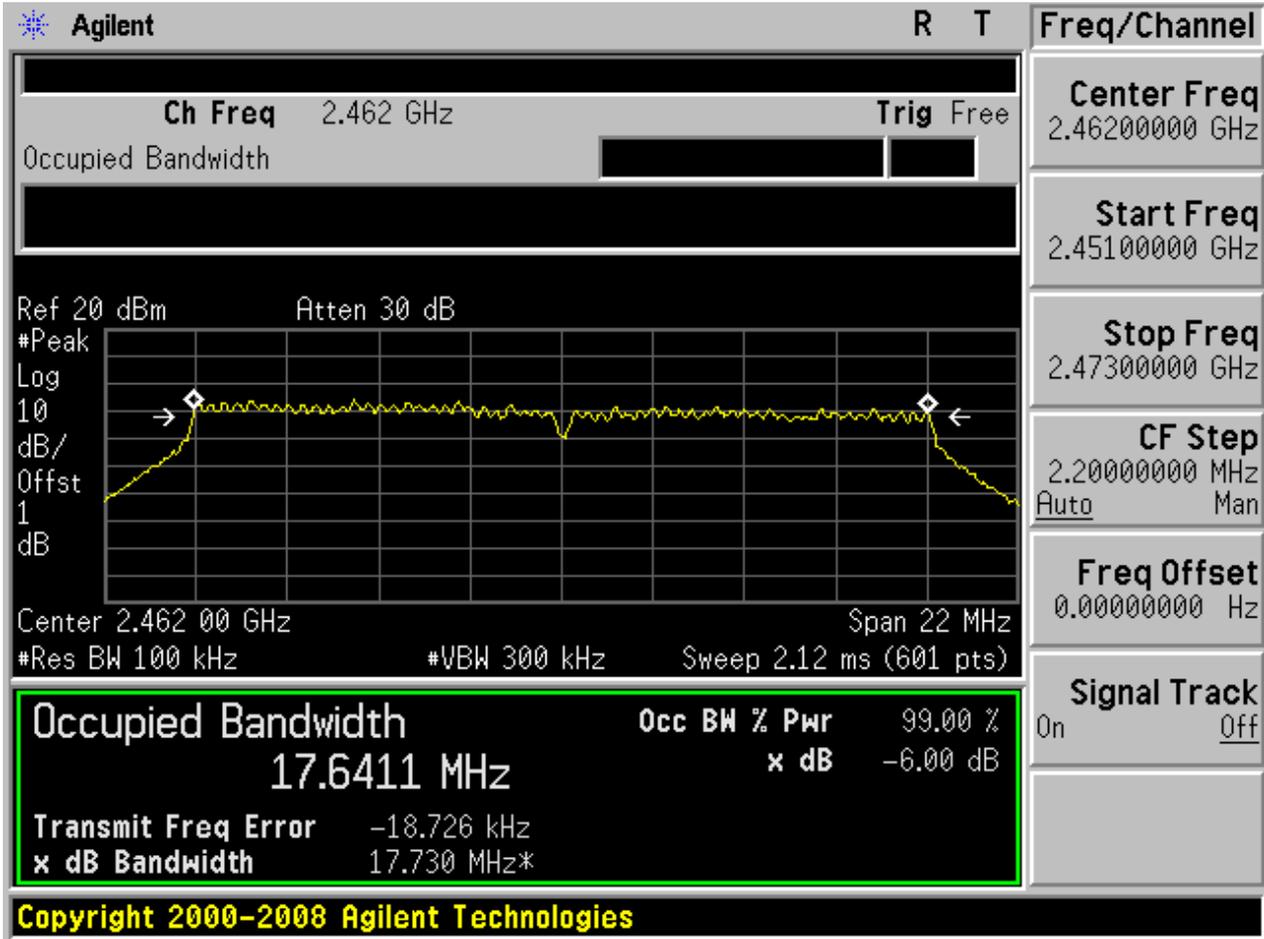
### 2.22 11N20m\_M@Ant 2



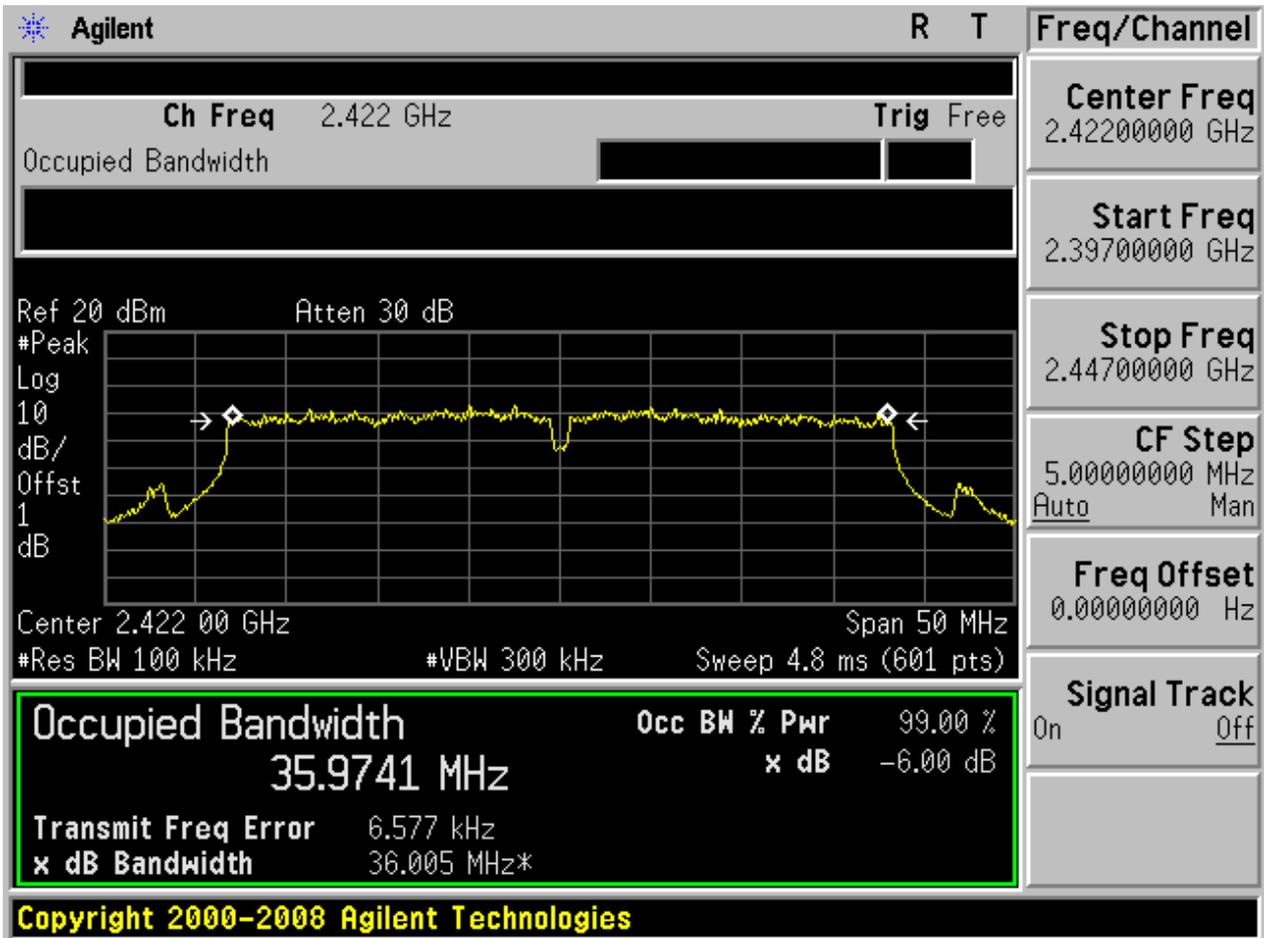
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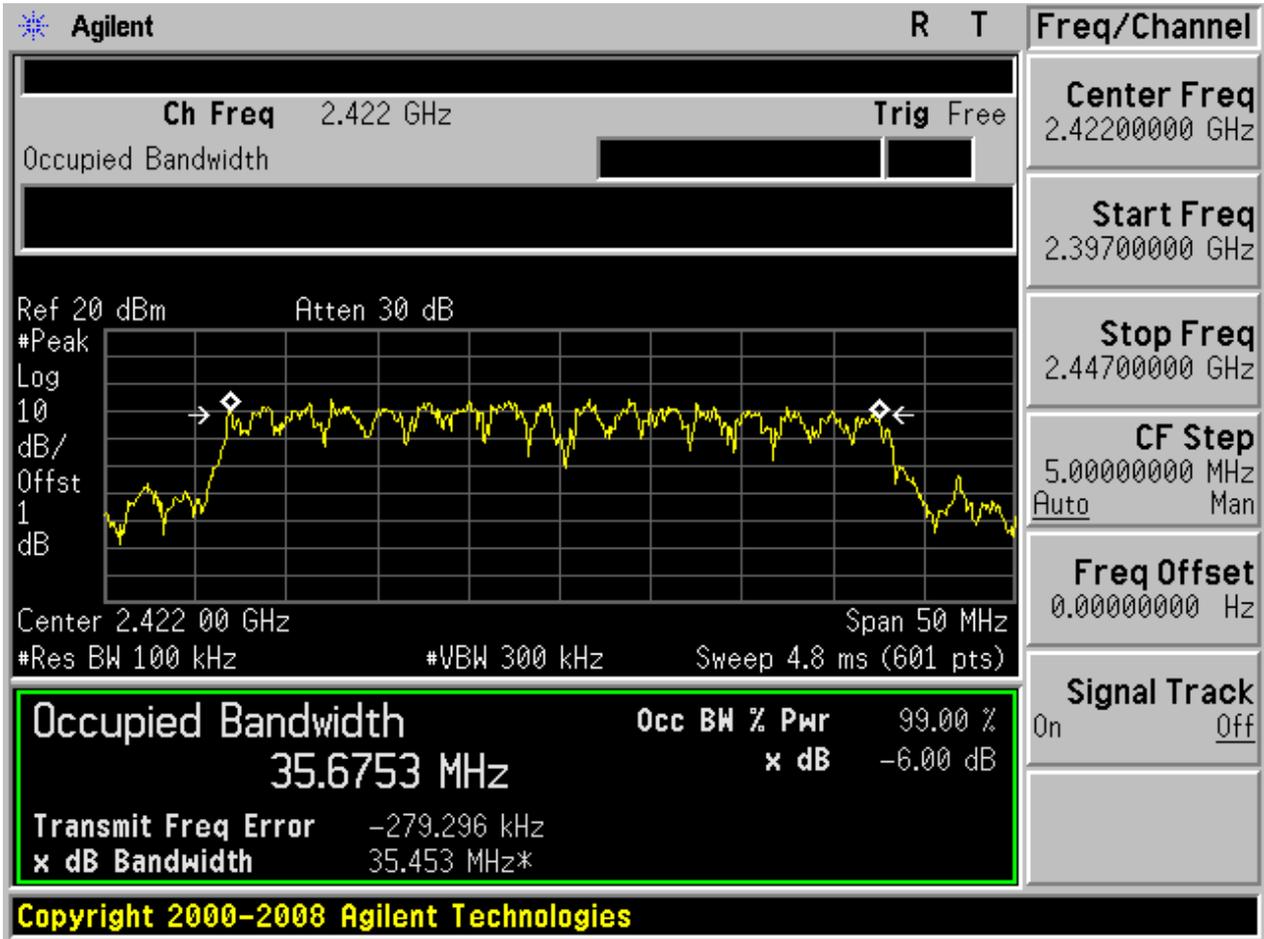
2.24 11N20m\_H@Ant 2



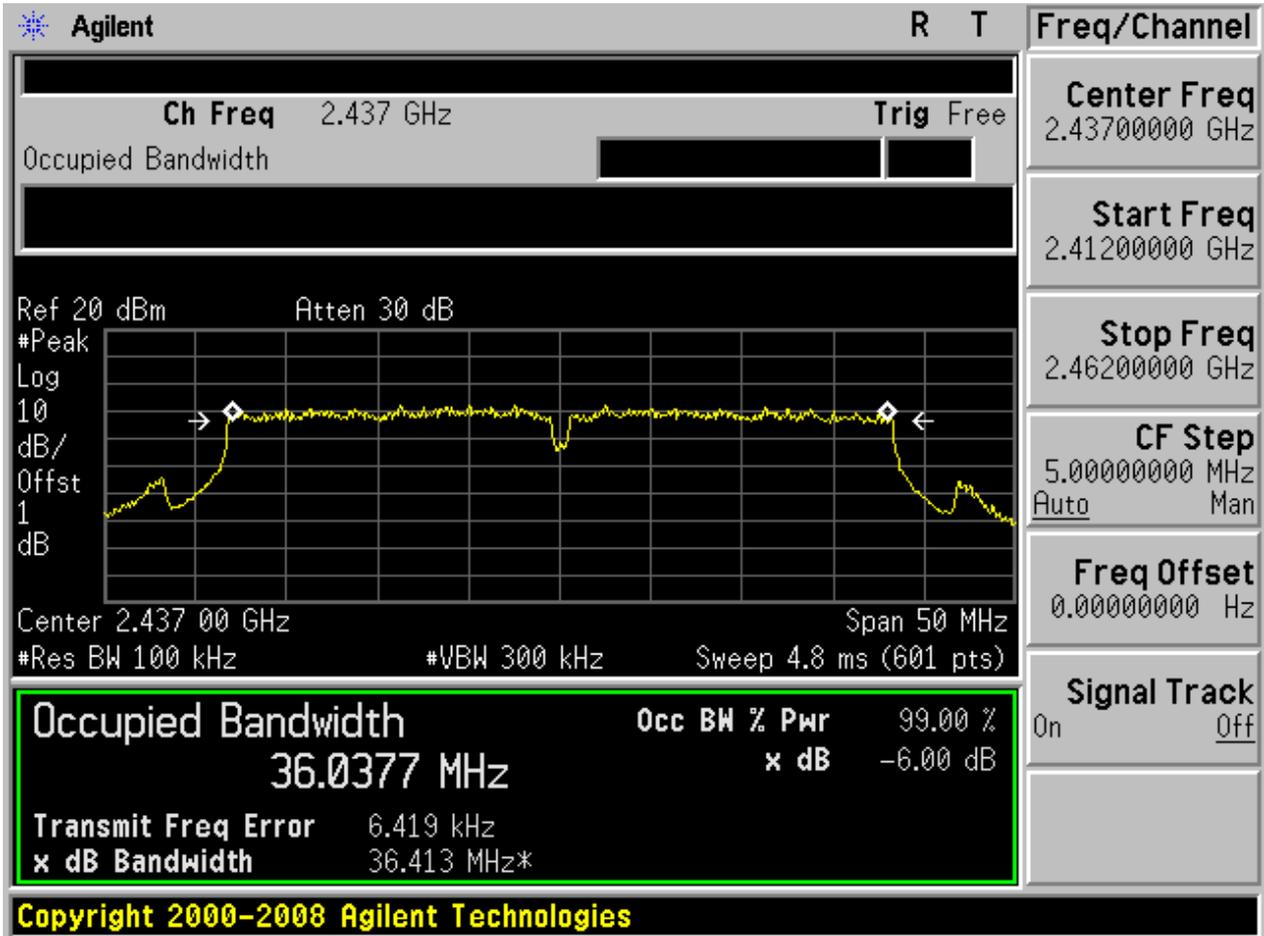
2.25 11N40\_L@Ant 1



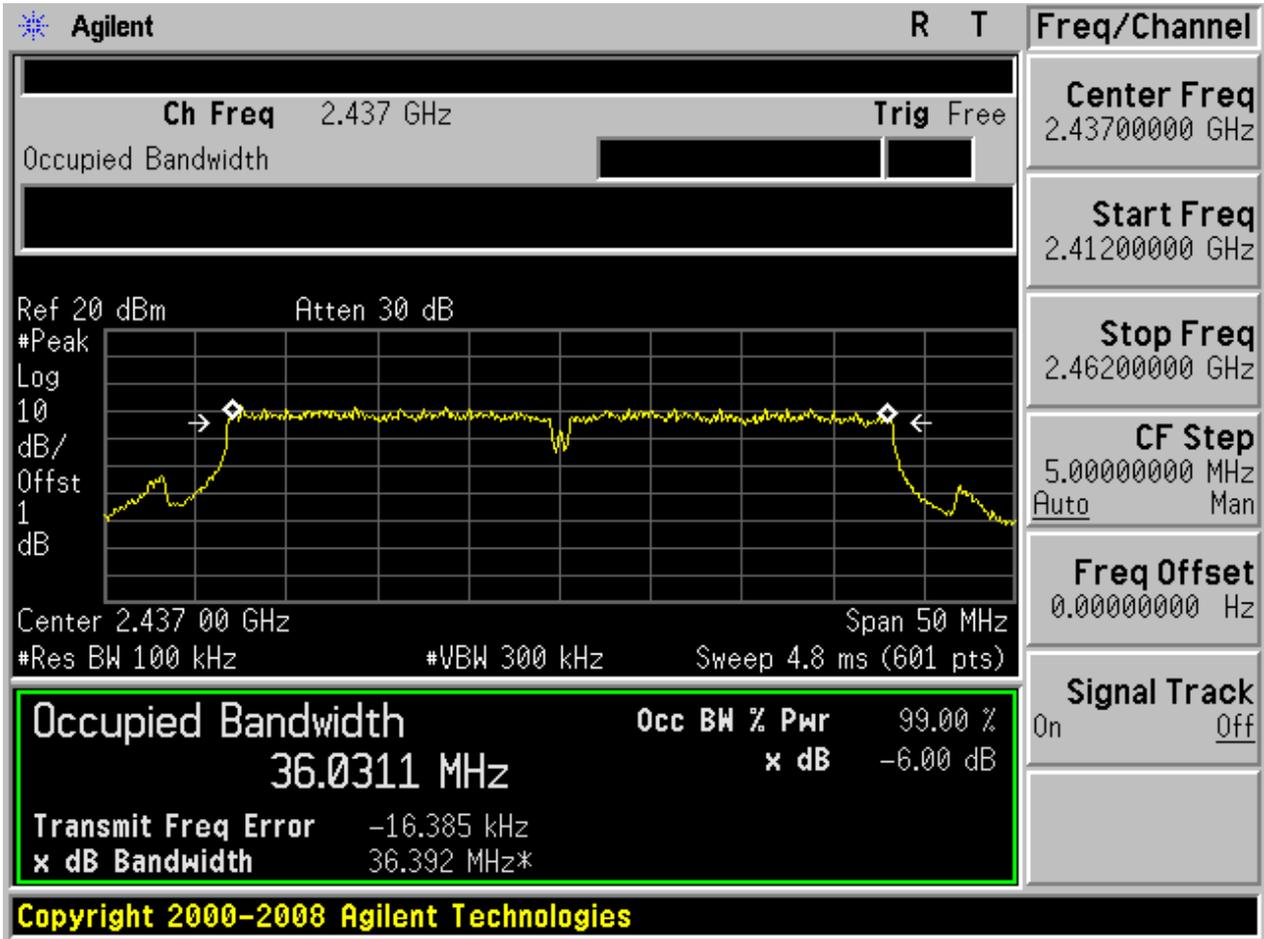
2.26 11N40\_L@Ant 2



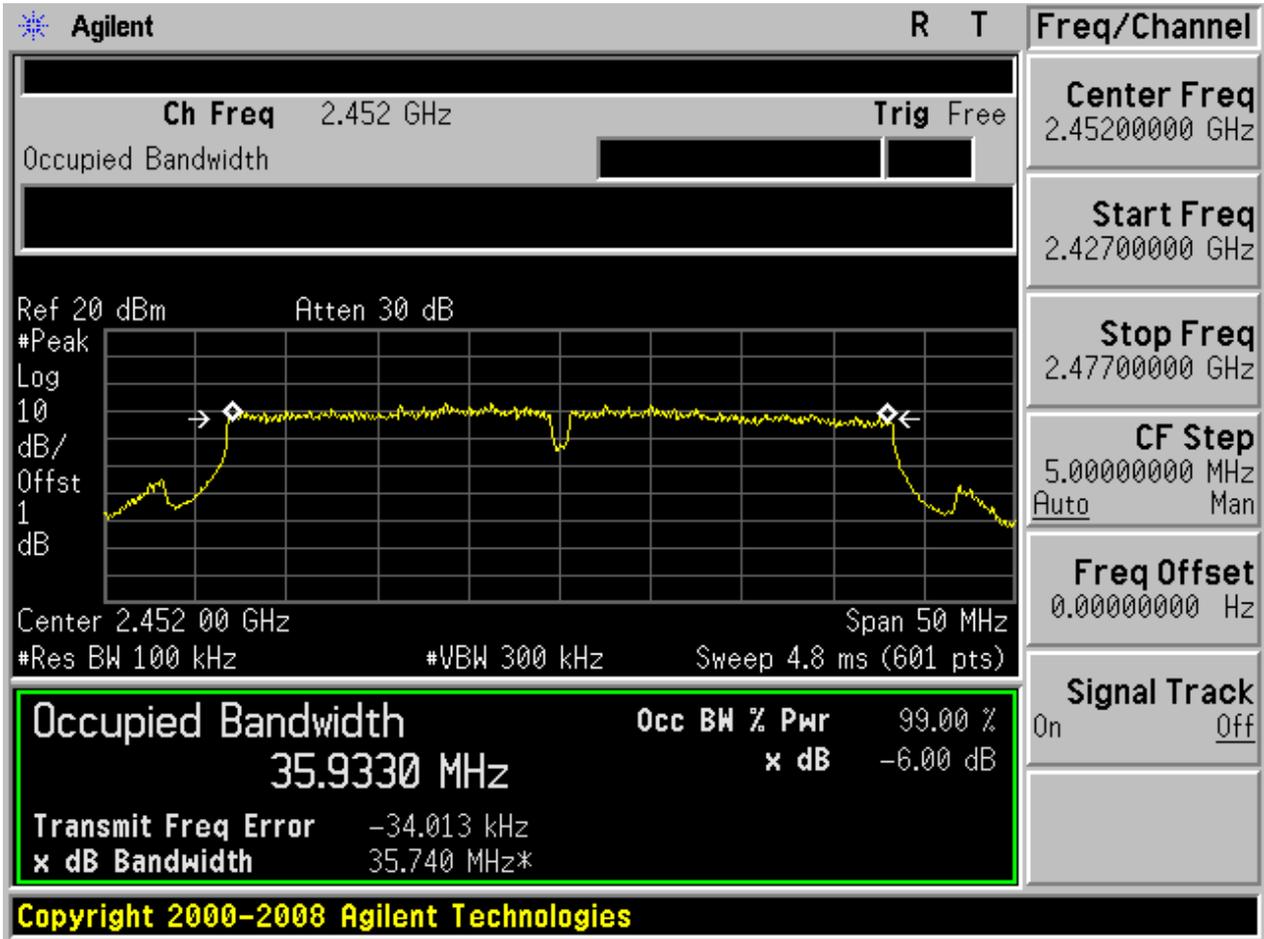
2.27 11N40\_M@Ant 1



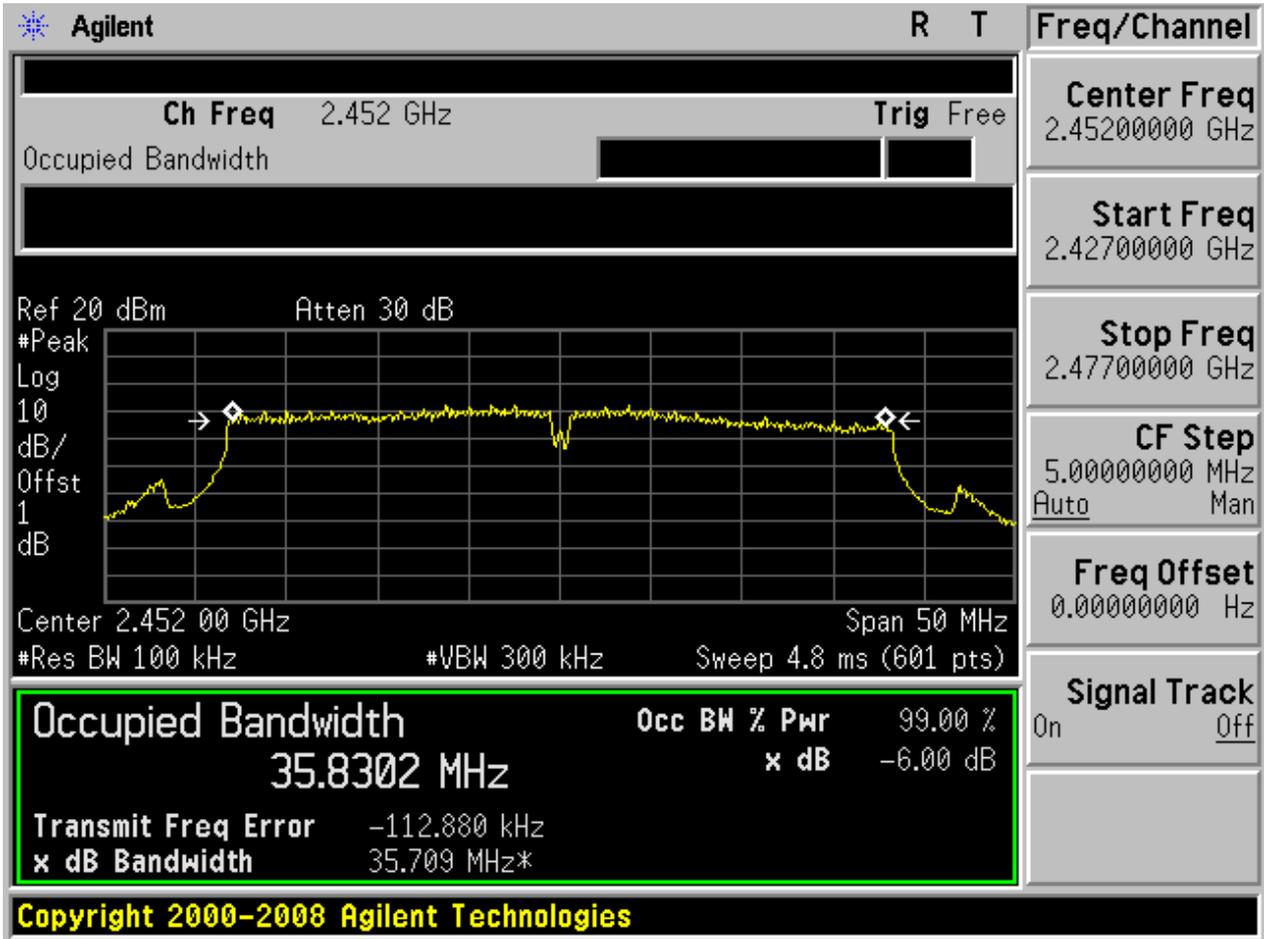
2.28 11N40\_M@Ant 2



### 2.29 11N40\_H@Ant 1

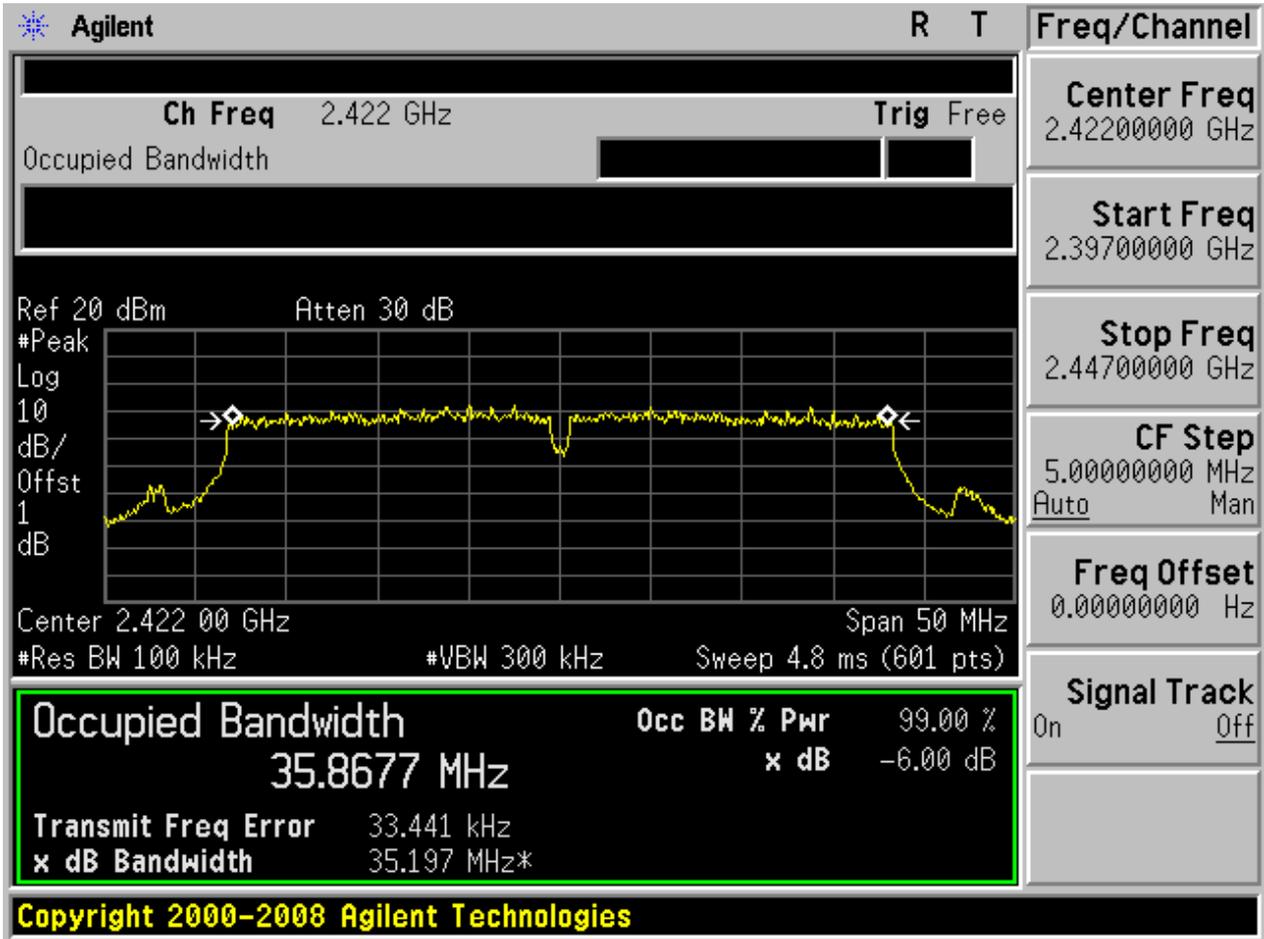


### 2.30 11N40\_H@Ant 2

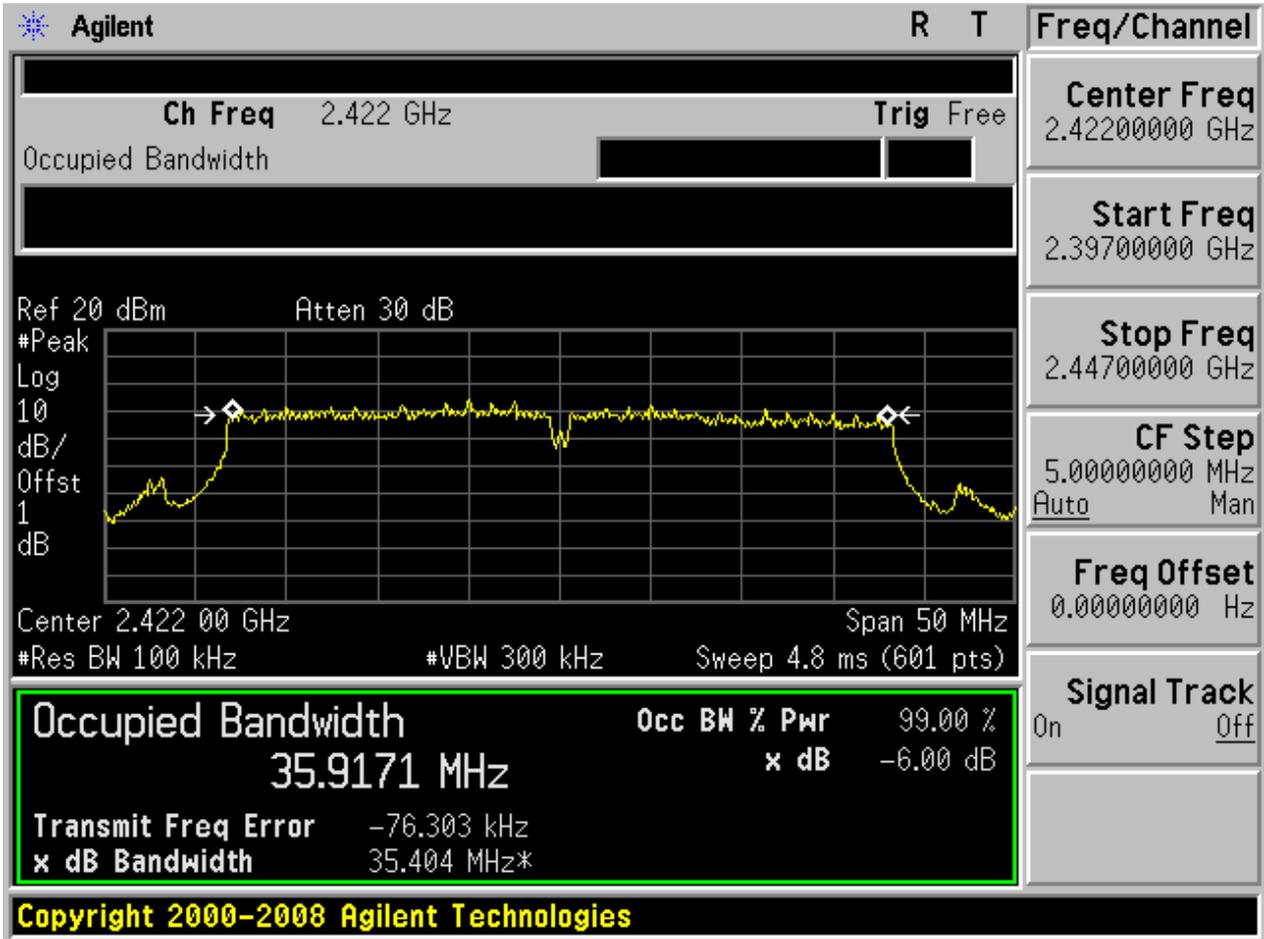




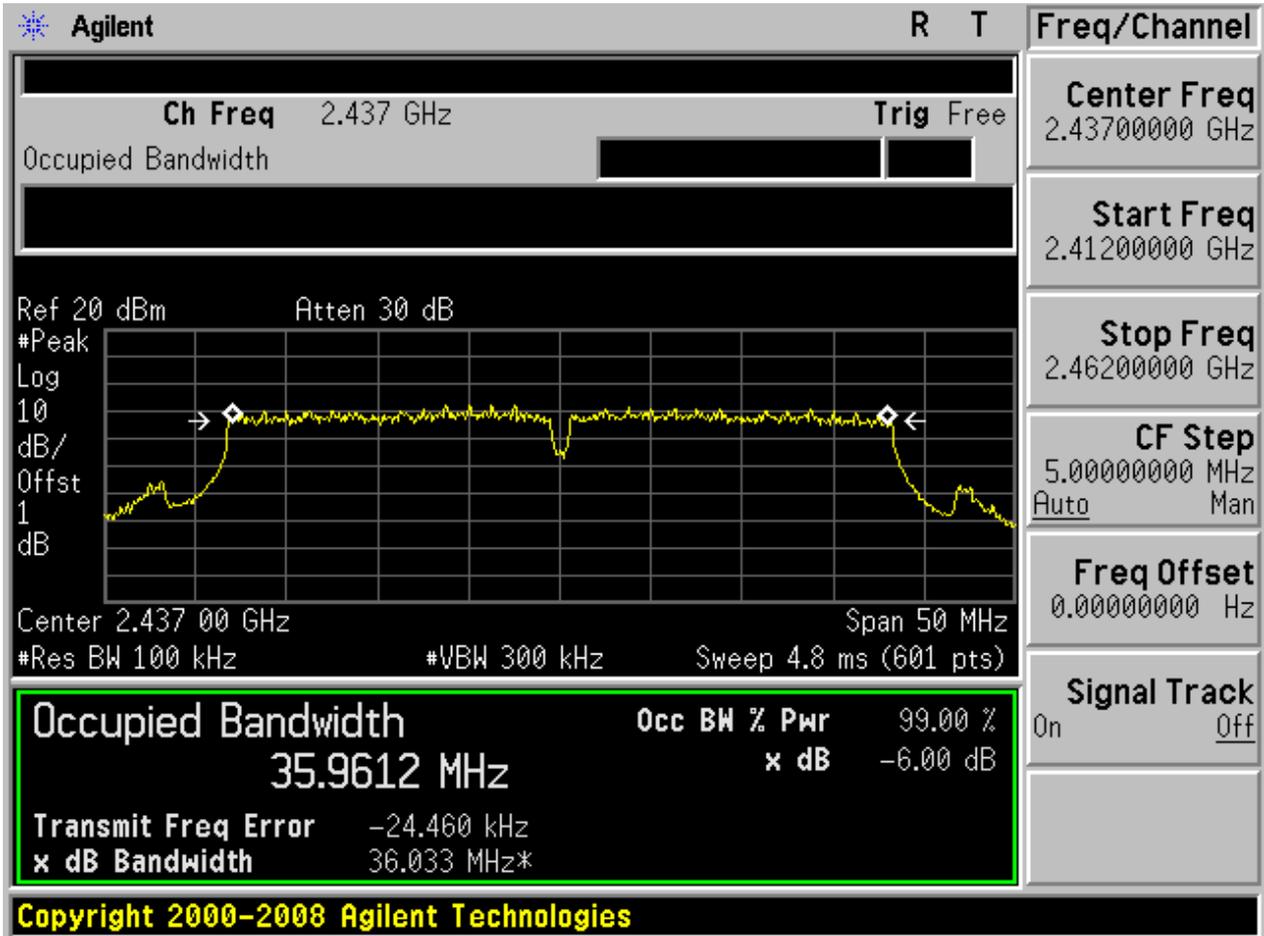
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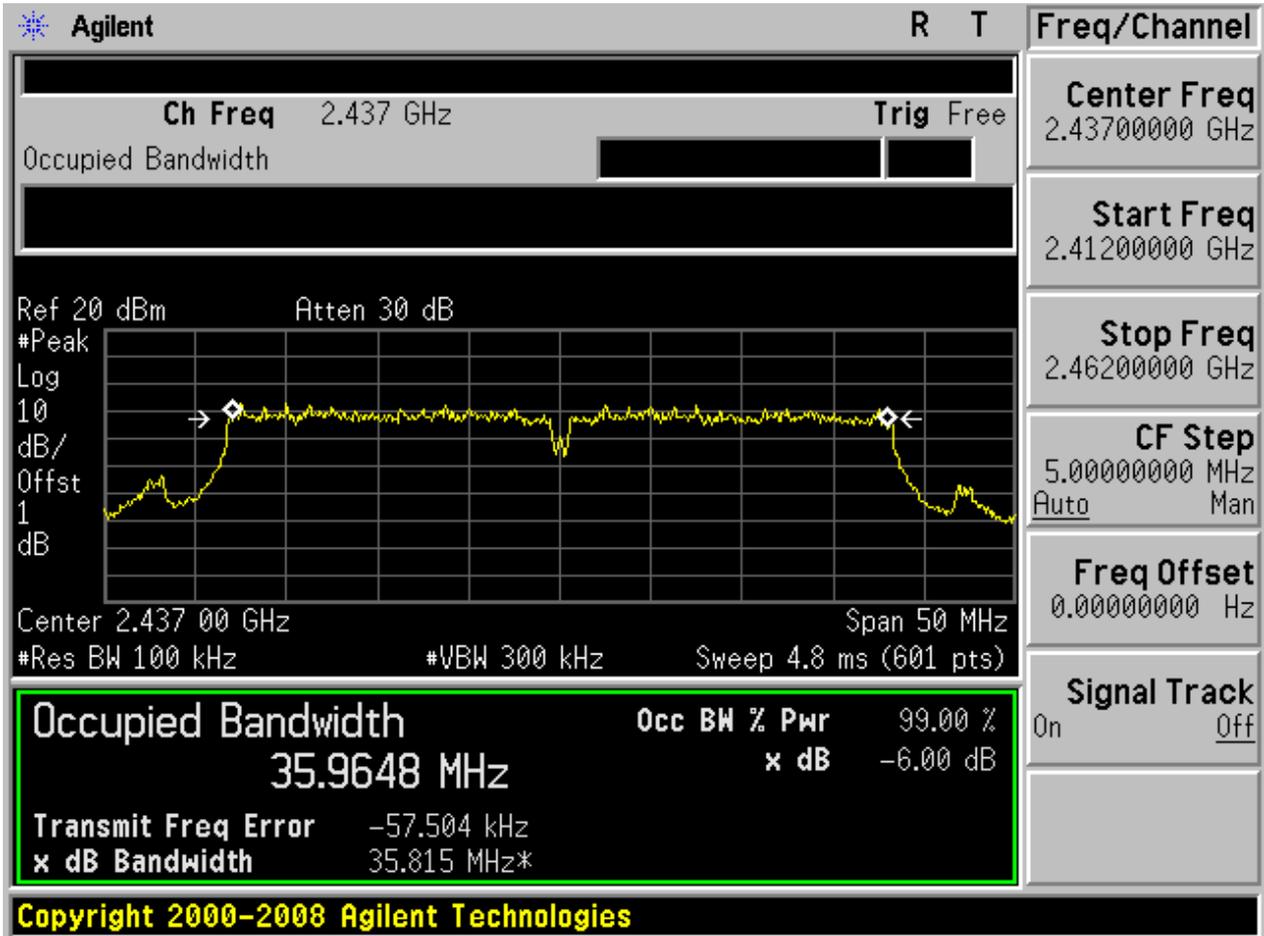
2.32 11N40m\_L@Ant 2



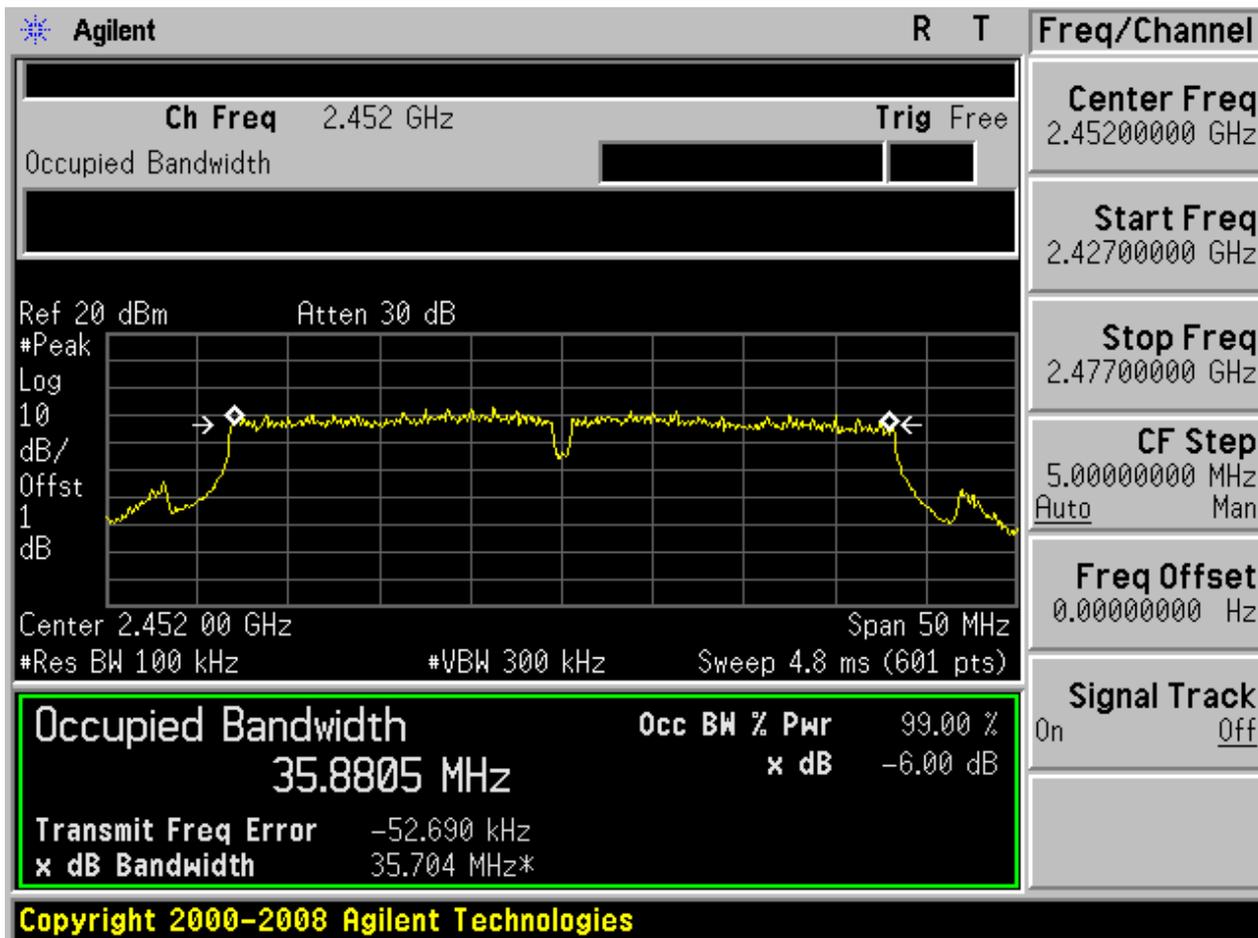
2.33 11N40m\_M@Ant 1



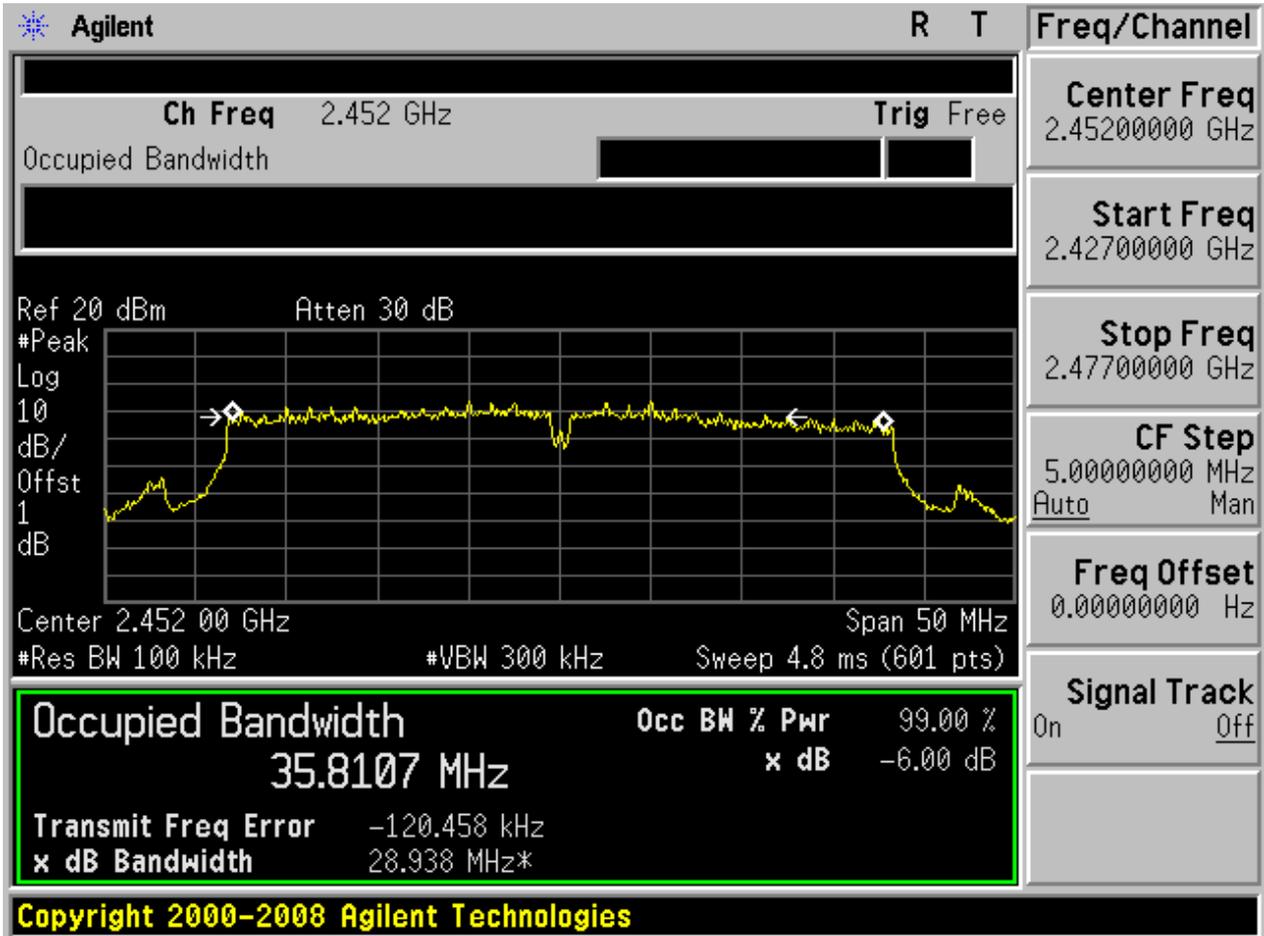
### 2.34 11N40m\_M@Ant 2



### 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	22.44	pass
11B	L	2412	Ant 2	22.59	pass
11B	M	2437	Ant 1	22.77	pass
11B	M	2437	Ant 2	21.63	pass
11B	H	2462	Ant 1	23.34	pass
11B	H	2462	Ant 2	21.80	pass
11G	L	2412	Ant 1	24.91	pass
11G	L	2412	Ant 2	24.84	pass
11G	M	2437	Ant 1	25.37	pass
11G	M	2437	Ant 2	24.19	pass
11G	H	2462	Ant 1	25.70	pass
11G	H	2462	Ant 2	24.55	pass
11N20	L	2412	Ant 1	21.96	pass
11N20	L	2412	Ant 2	21.59	pass
11N20	M	2437	Ant 1	22.31	pass
11N20	M	2437	Ant 2	20.82	pass
11N20	H	2462	Ant 1	22.58	pass
11N20	H	2462	Ant 2	21.23	pass
11N20m	L	2412	Ant 1	21.94	pass
11N20m	L	2412	Ant 2	21.72	pass
11N20m	L	2412	Sum	24.84	pass
11N20m	M	2437	Ant 1	22.45	pass
11N20m	M	2437	Ant 2	21.06	pass
11N20m	M	2437	Sum	24.82	pass
11N20m	H	2462	Ant 1	22.82	pass
11N20m	H	2462	Ant 2	21.69	pass
11N20m	H	2462	Sum	25.30	pass
11N40	L	2422	Ant 1	22.10	pass
11N40	L	2422	Ant 2	22.03	pass
11N40	M	2437	Ant 1	22.39	pass
11N40	M	2437	Ant 2	21.86	pass
11N40	H	2452	Ant 1	22.39	pass
11N40	H	2452	Ant 2	21.55	pass



Test Mode	Test Channel	Frequency[MHz]	Ant	Meas. Level (Cond.) [dBm]	Verdict
11N40m	L	2422	Ant 1	22.19	pass
11N40m	L	2422	Ant 2	22.64	pass
11N40m	L	2422	Sum	25.43	pass
11N40m	M	2437	Ant 1	22.48	pass
11N40m	M	2437	Ant 2	22.45	pass
11N40m	M	2437	Sum	25.48	pass
11N40m	H	2452	Ant 1	22.38	pass
11N40m	H	2452	Ant 2	22.34	pass
11N40m	H	2452	Sum	25.37	pass

## Part II - Test Plots

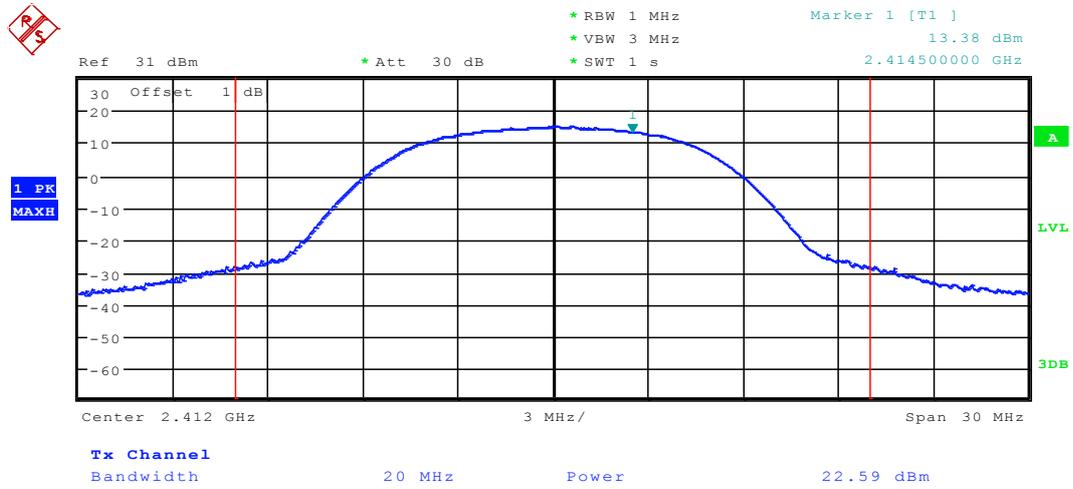
### 2.1 11B\_L@Ant 1



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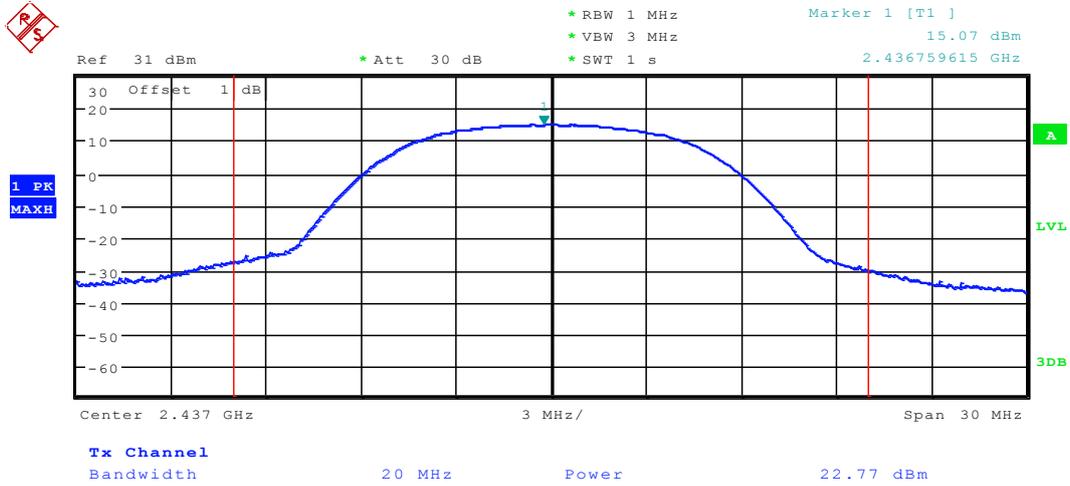


## 2.2 11B\_L@Ant 2



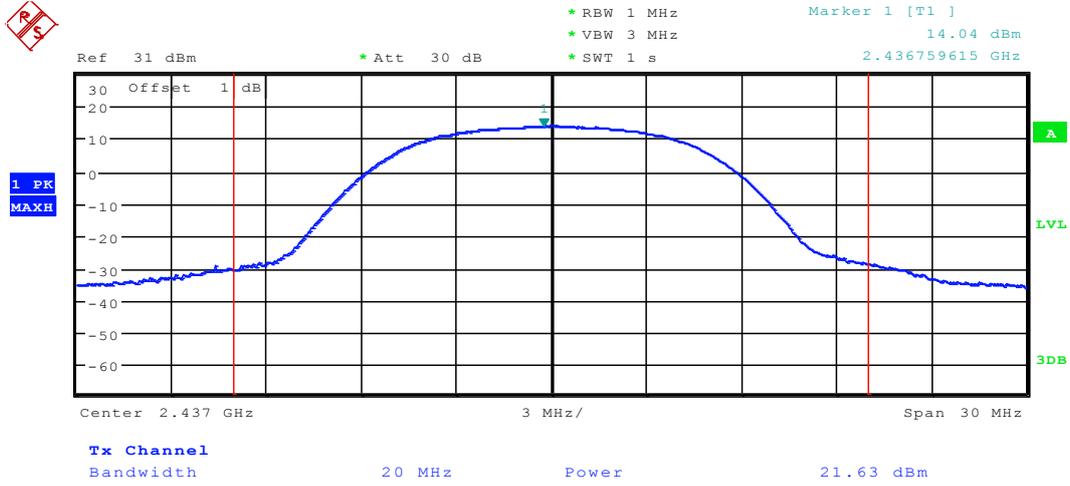
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## 2.3 11B\_M@Ant 1



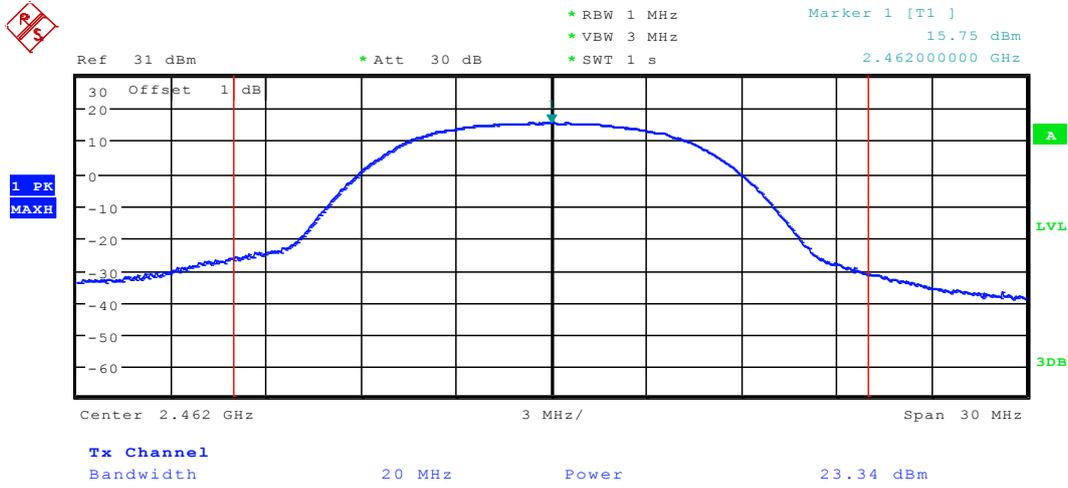
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## 2.4 11B\_M@Ant 2



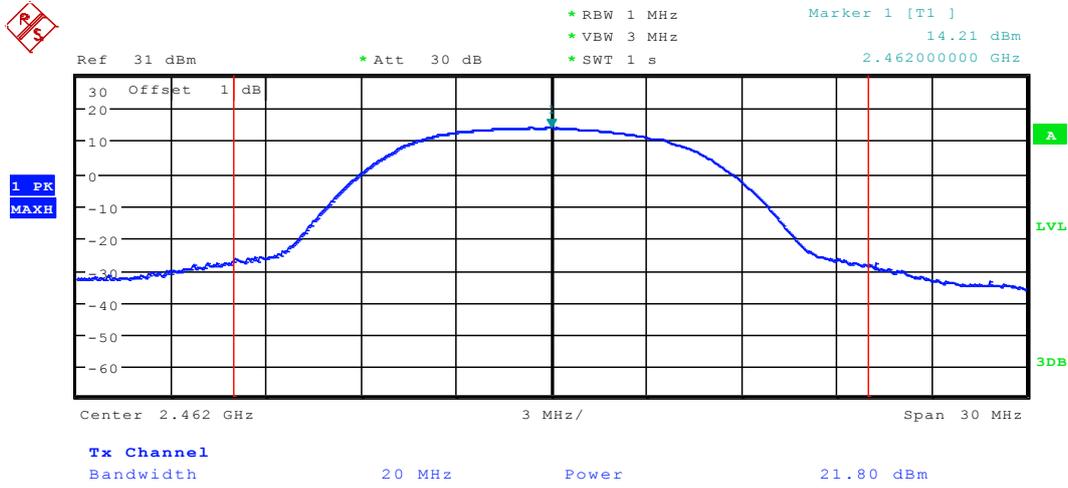
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## 2.5 11B\_H@Ant 1



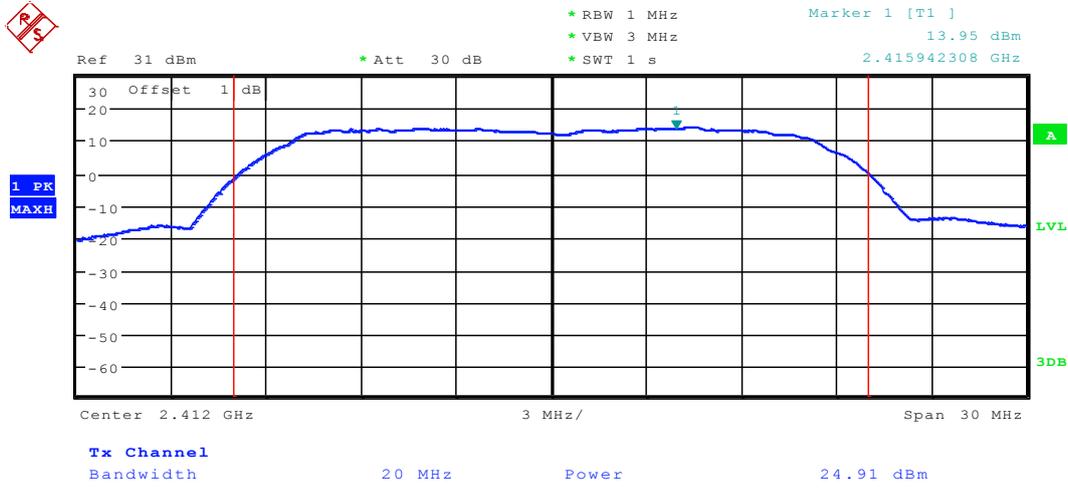
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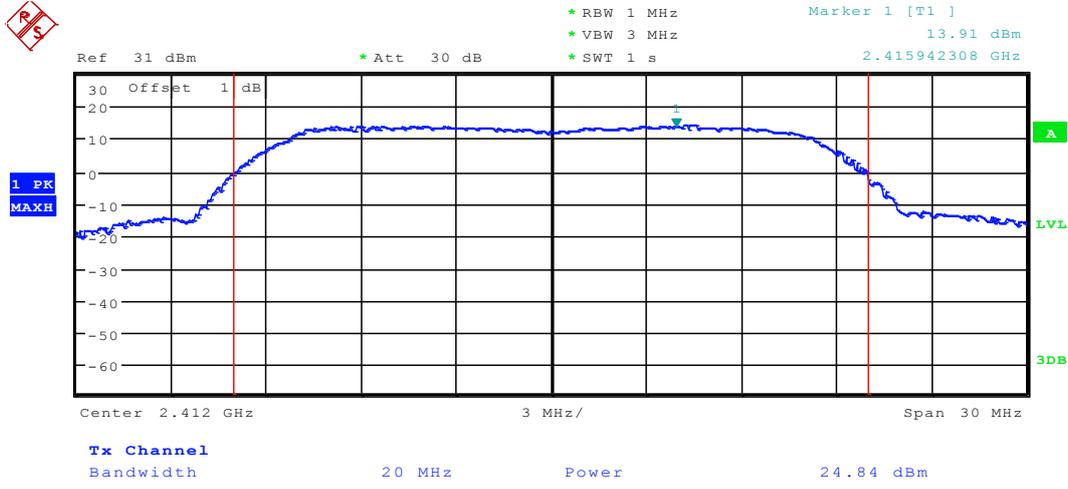
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## 2.7 11G\_L@Ant 1



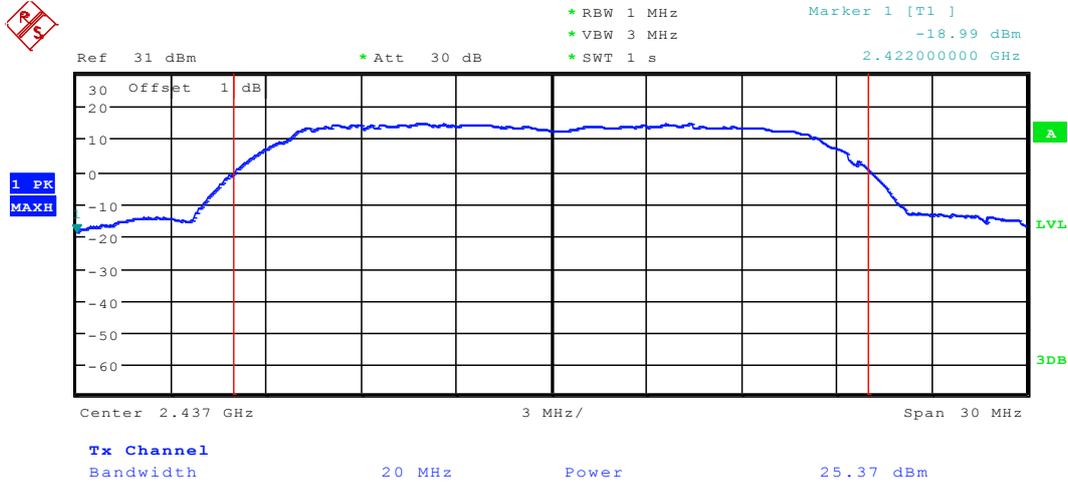
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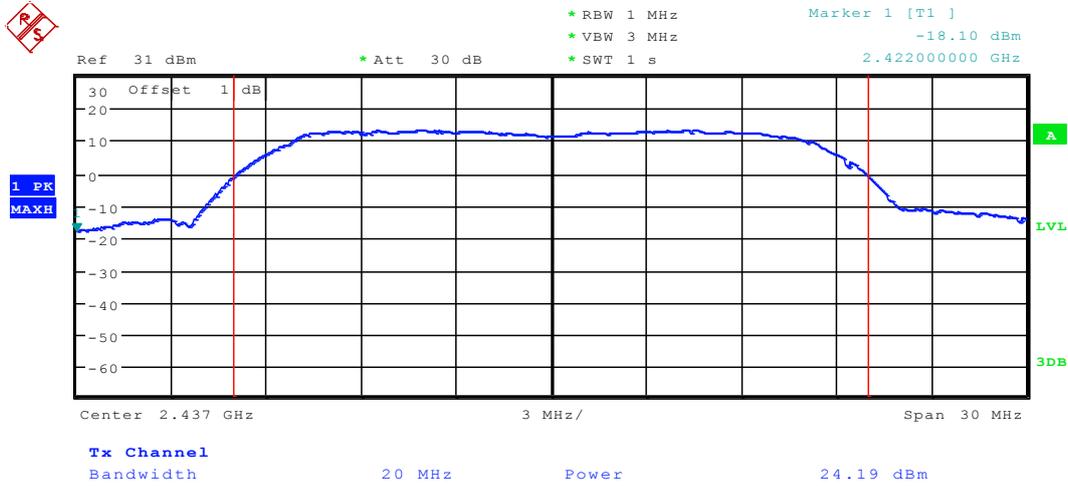
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## 2.9 11G\_M@Ant 1



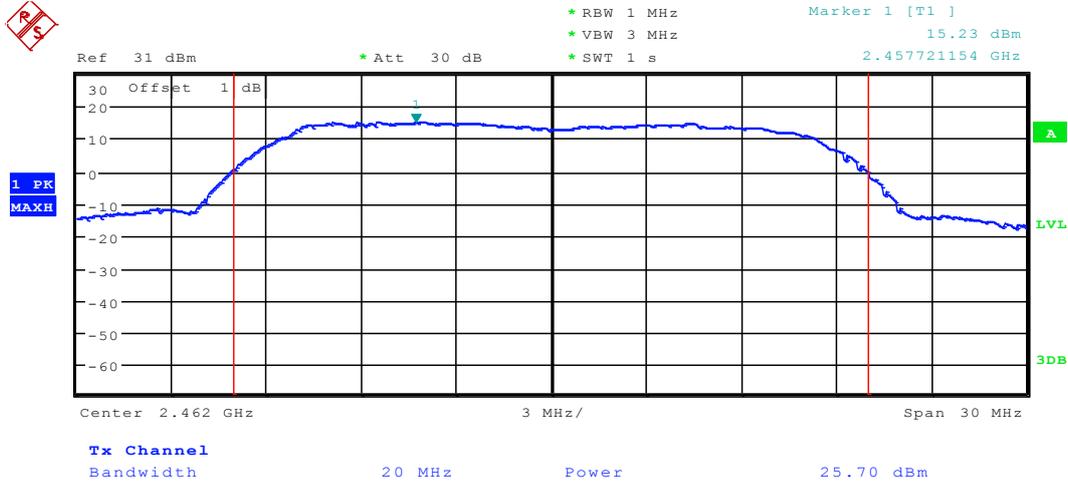
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## 2.10 11G\_M@Ant 2



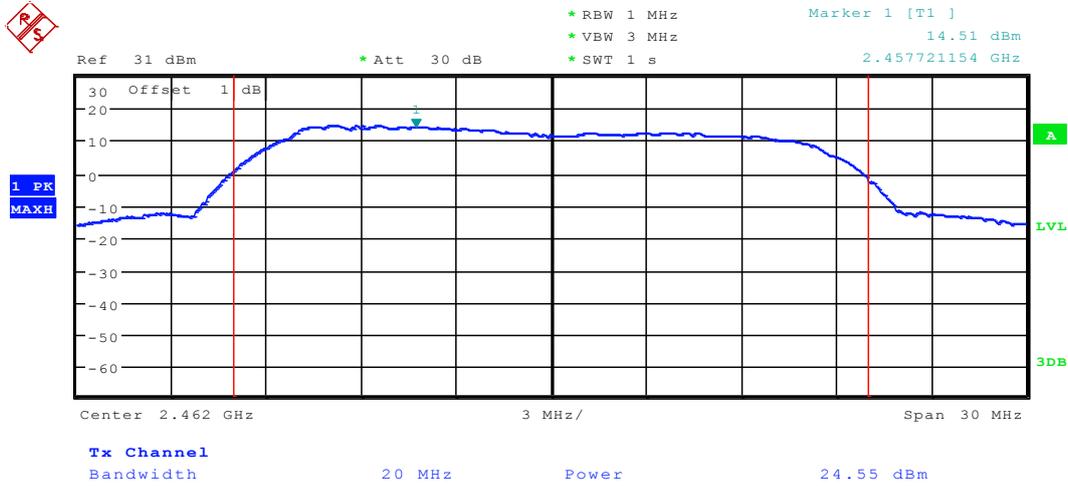
Date: 14.AUG.2013 10:08:57

## 2.11 11G\_H@Ant 1



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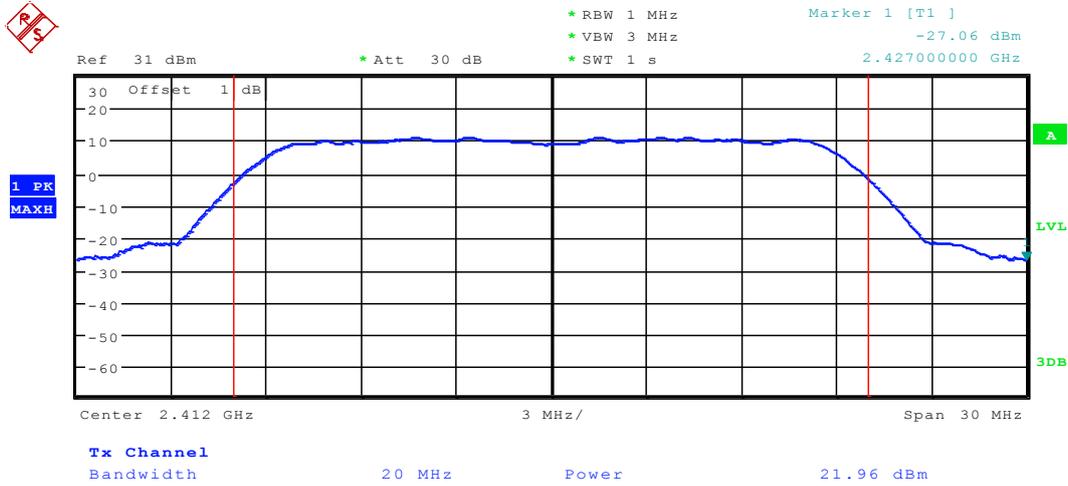
## 2.12 11G\_H@Ant 2



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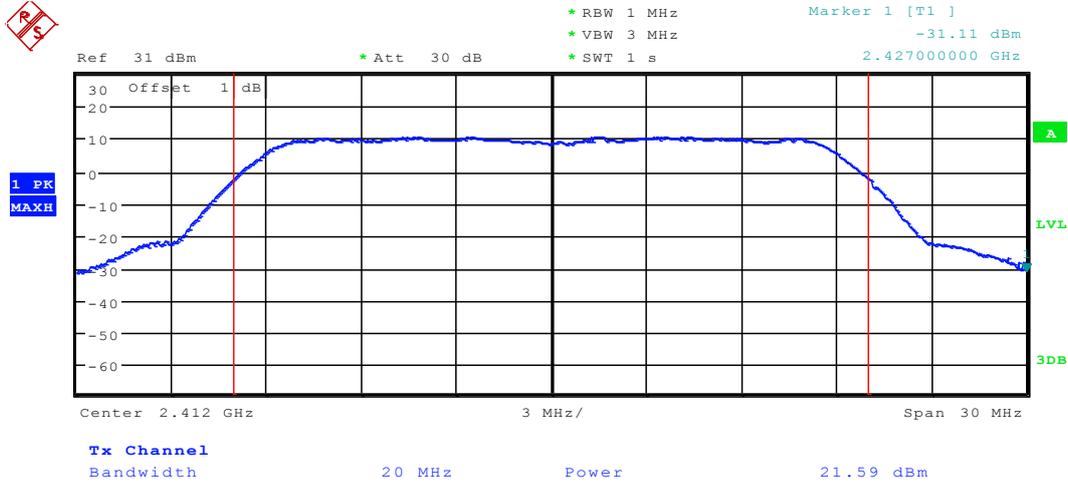


### 2.13 11N20\_L@Ant 1



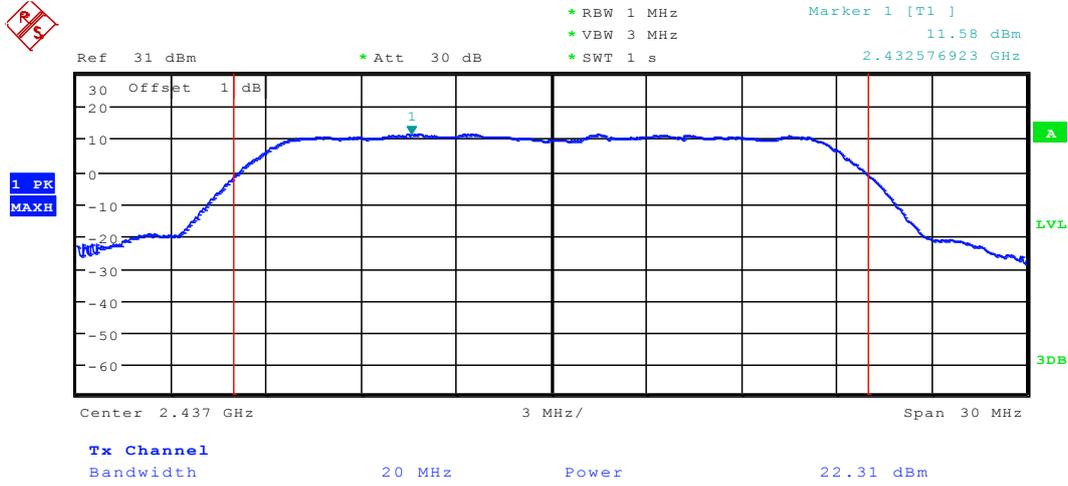
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### 2.14 11N20\_L@Ant 2



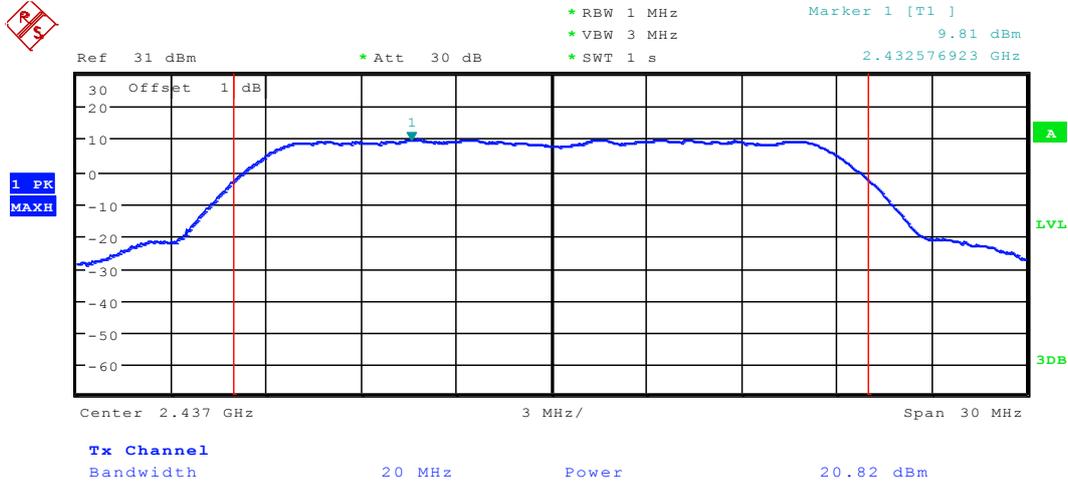
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## 2.15 11N20\_M@Ant 1



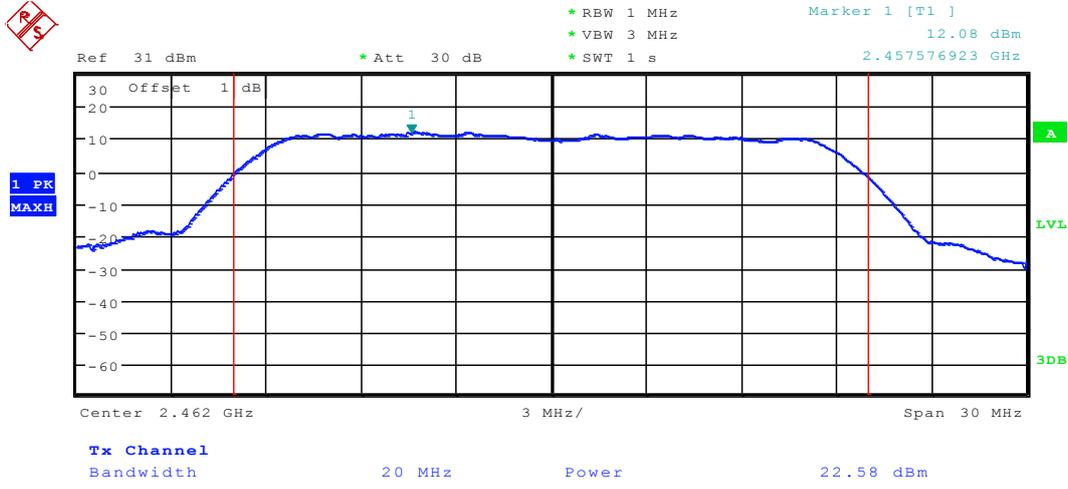
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## 2.16 11N20\_M@Ant 2



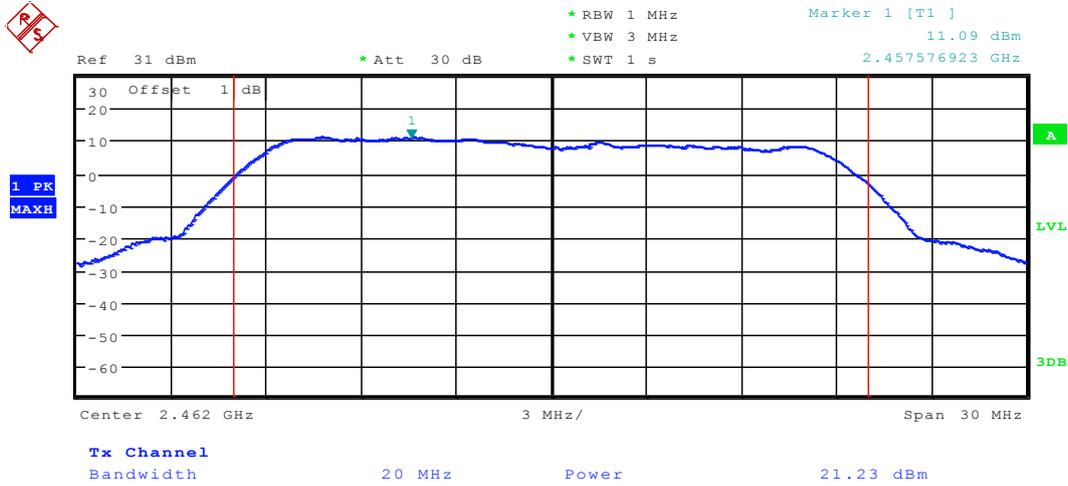
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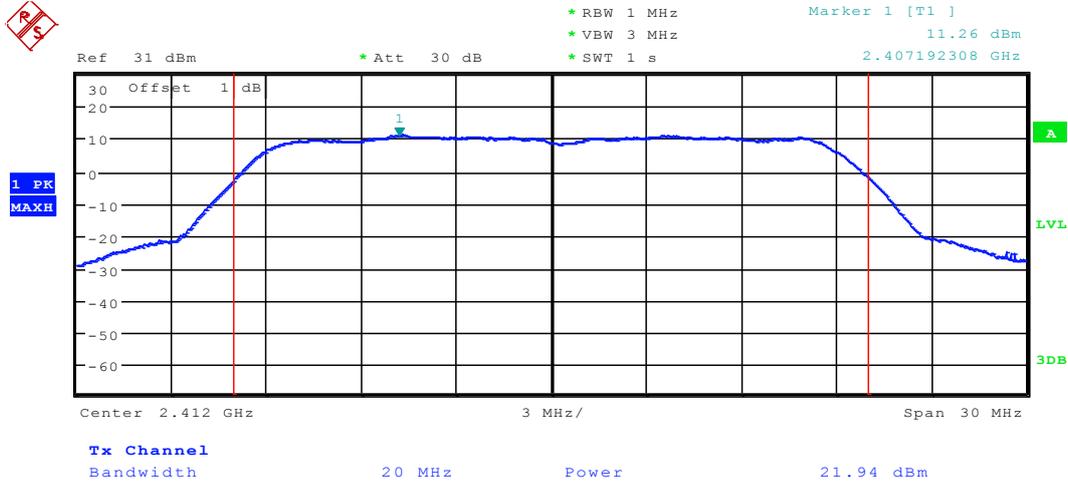
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## 2.18 11N20\_H@Ant 2



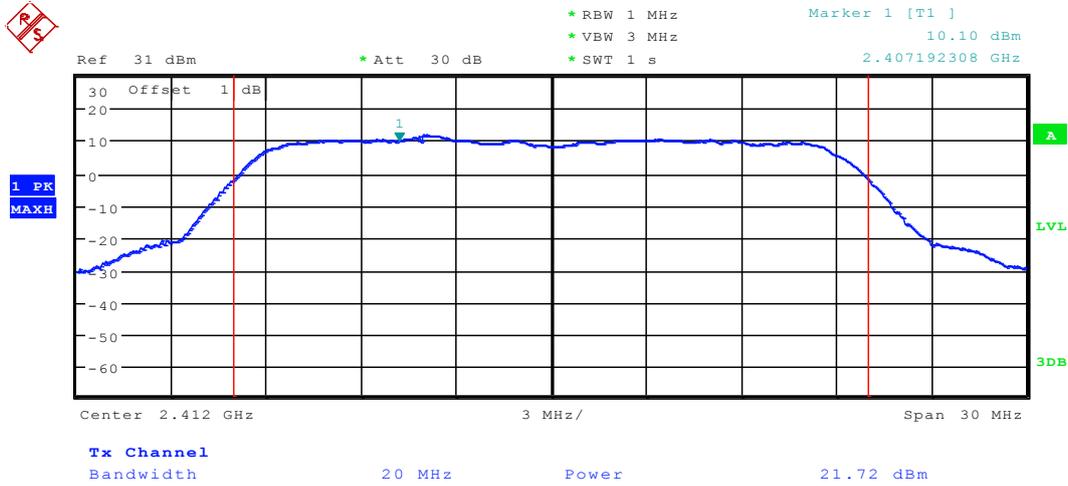
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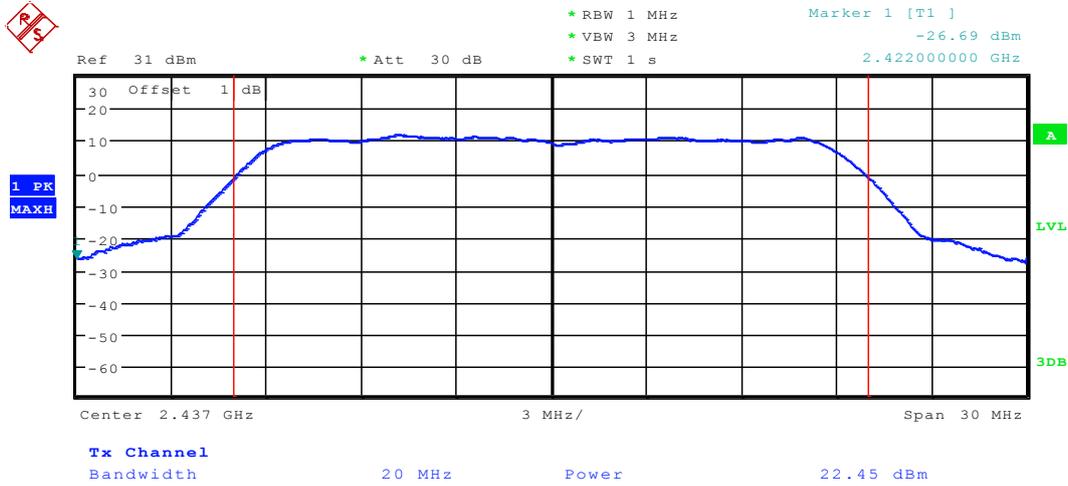
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## 2.20 11N20m\_L@Ant 2



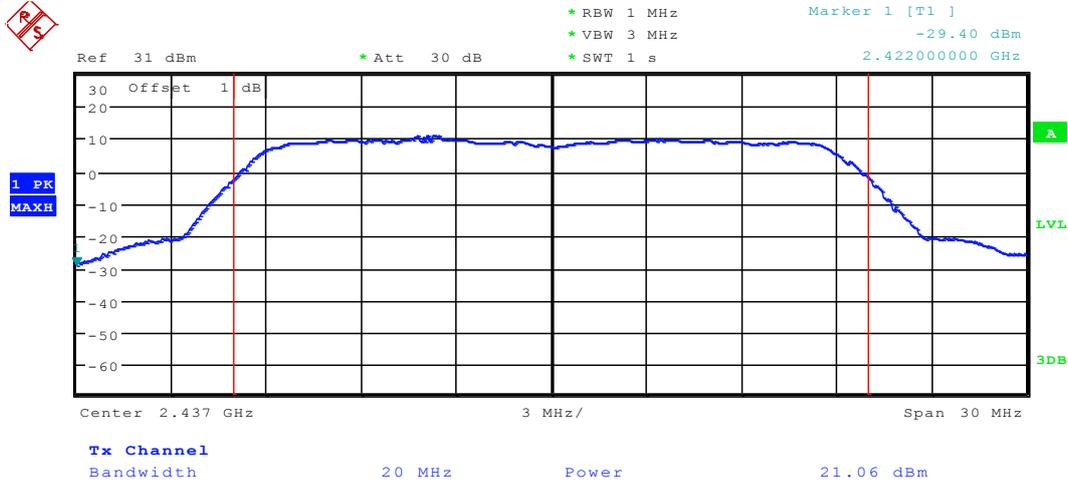
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## 2.21 11N20m\_M@Ant 1



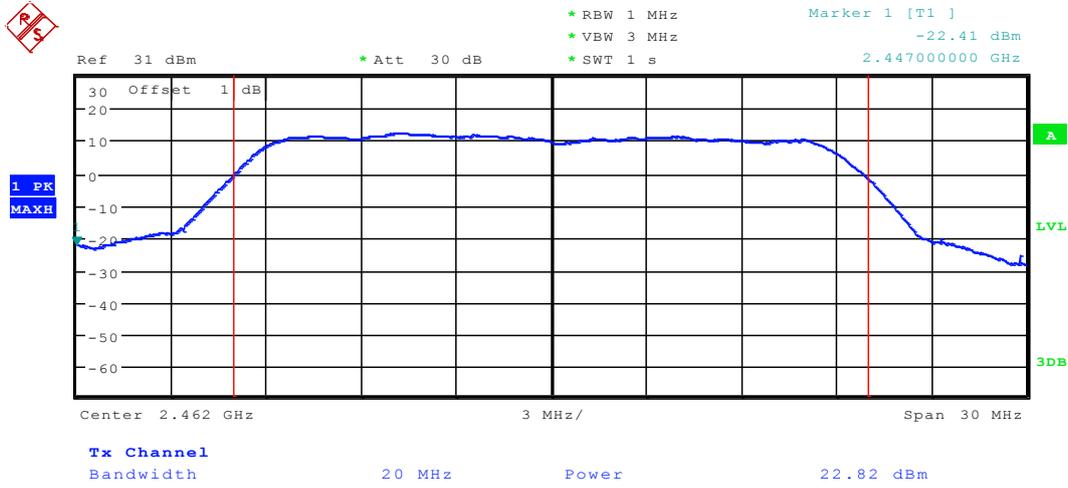
Date: 14.AUG.2013 10:25:41

### 2.22 11N20m\_M@Ant 2



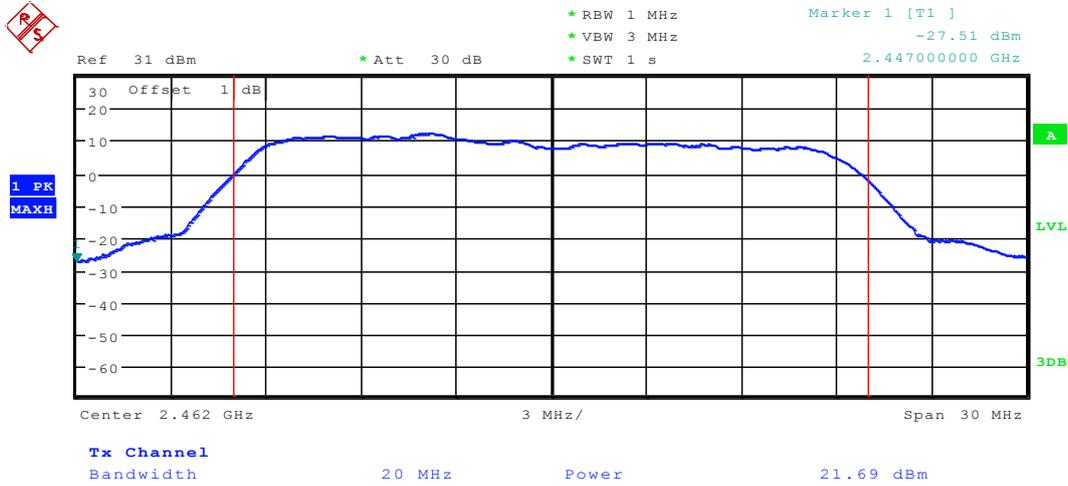
Date: 14.AUG.2013 10:26:37

## 2.23 11N20m\_H@Ant 1



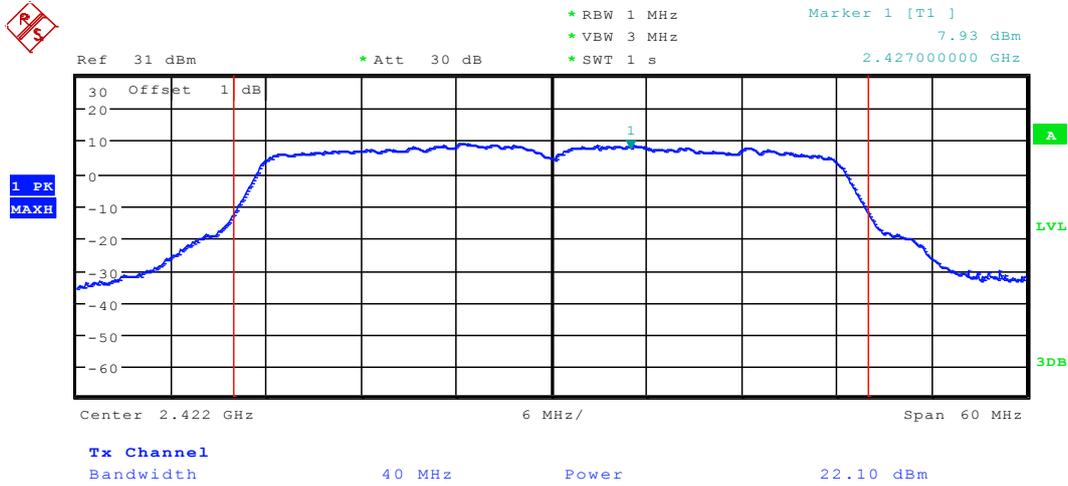
Date: 14.AUG.2013 10:28:08

## 2.24 11N20m\_H@Ant 2



Date: 14.AUG.2013 10:30:12

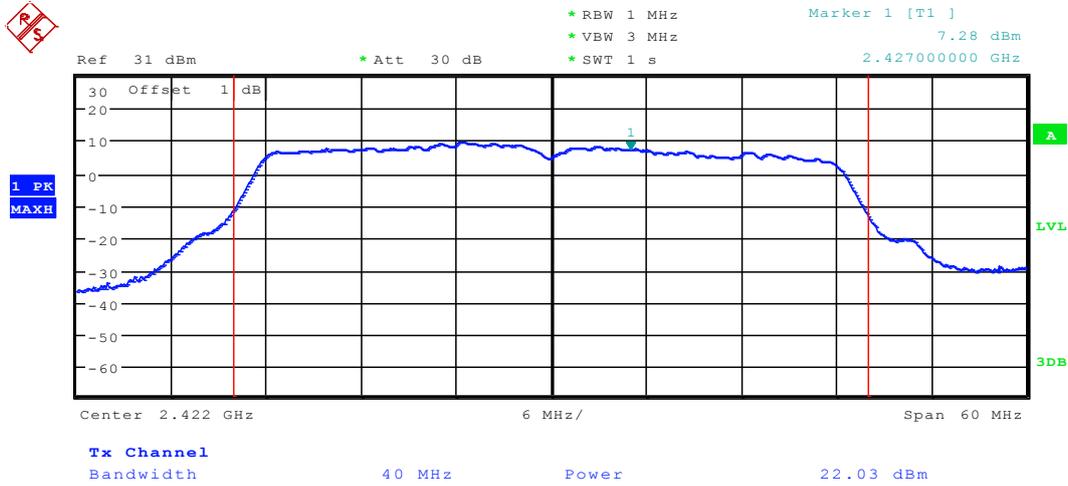
### 2.25 11N40\_L@Ant 1



Date: 14.AUG.2013 10:32:25

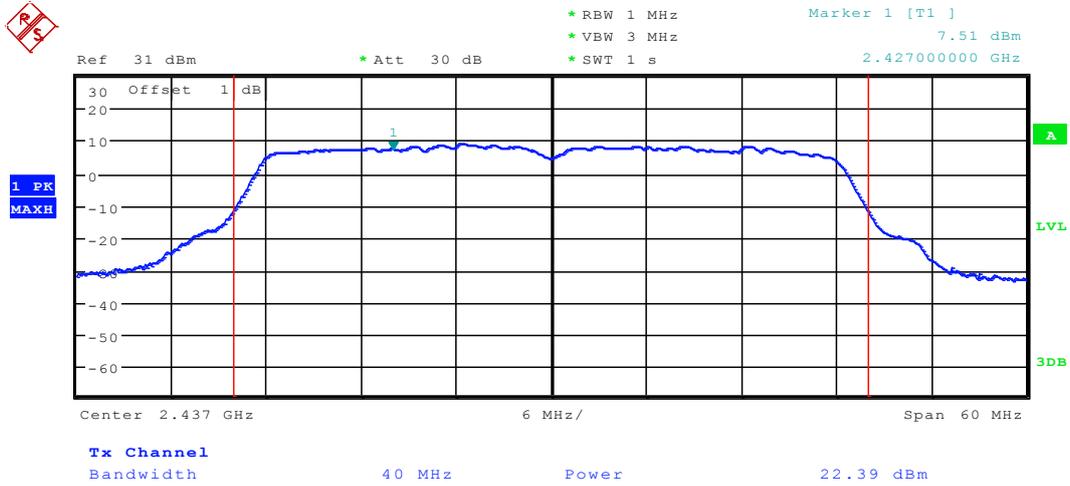


### 2.26 11N40\_L@Ant 2



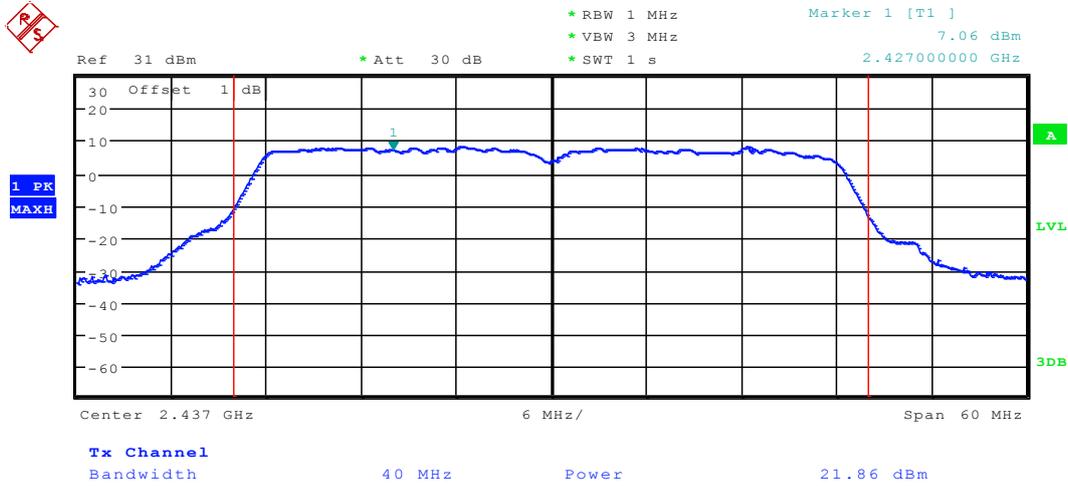
Date: 14.AUG.2013 10:33:46

## 2.27 11N40\_M@Ant 1



Date: 14.AUG.2013 10:35:44

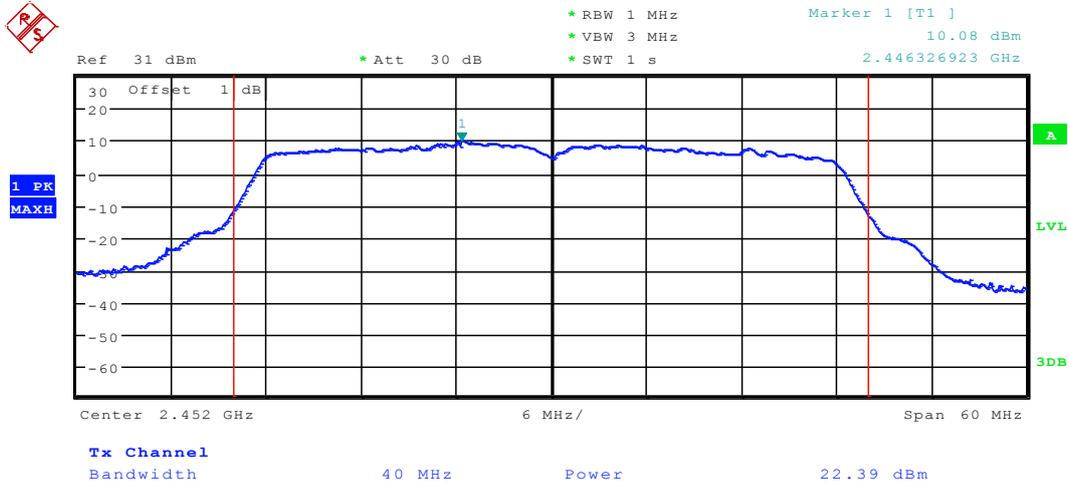
## 2.28 11N40\_M@Ant 2



Date: 14.AUG.2013 10:36:49



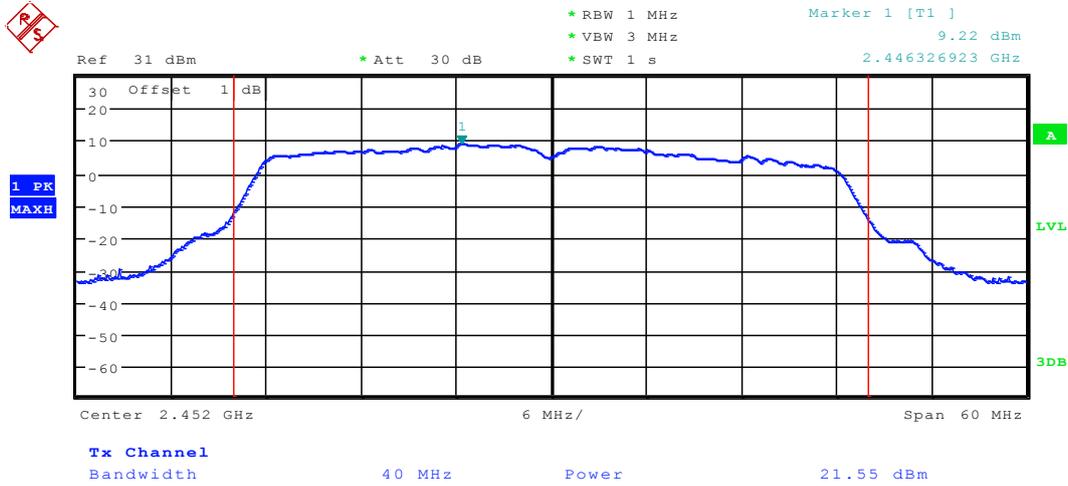
### 2.29 11N40\_H@Ant 1



Date: 14.AUG.2013 10:38:05

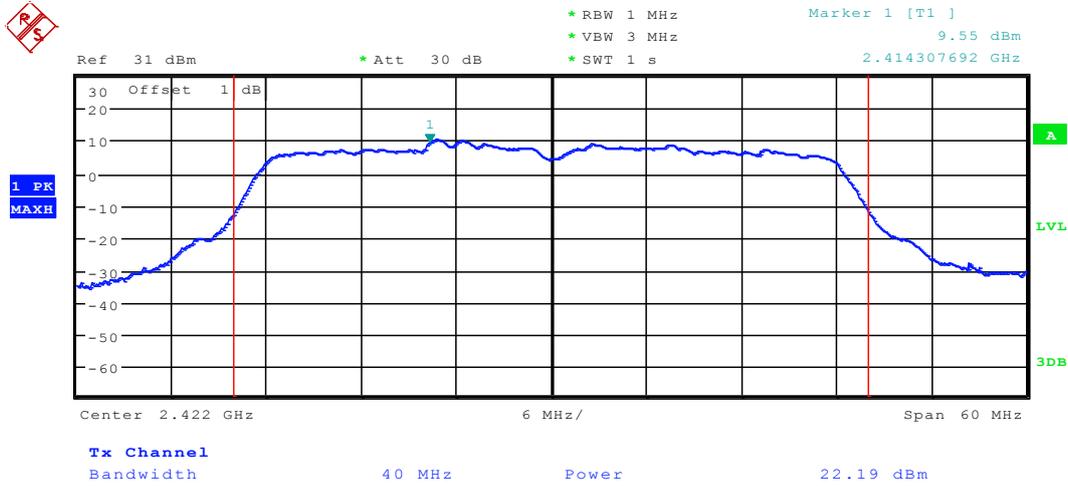


### 2.30 11N40\_H@Ant 2



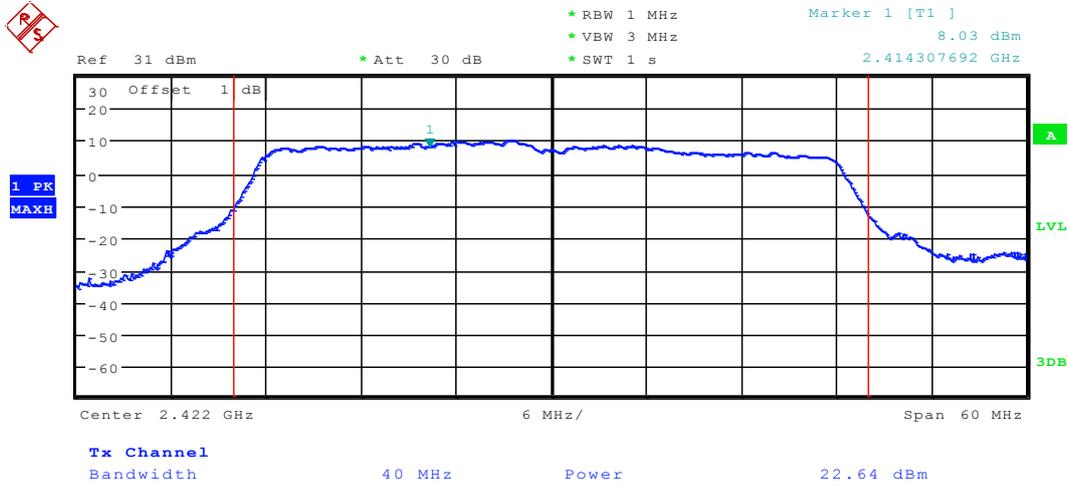
Date: 14.AUG.2013 10:39:41

## 2.31 11N40m\_L@Ant 1



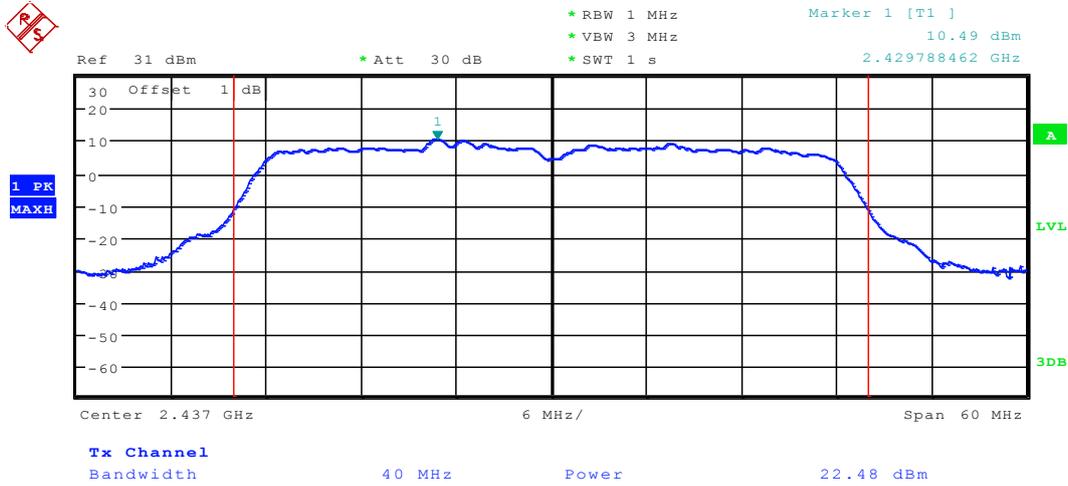
Date: 14.AUG.2013 10:41:08

## 2.32 11N40m\_L@Ant 2



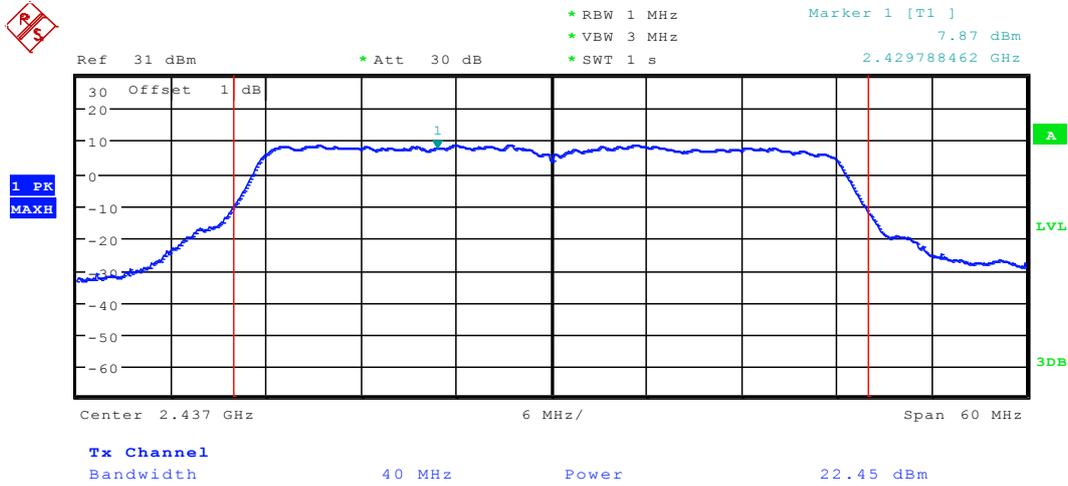
Date: 14.AUG.2013 10:41:42

### 2.33 11N40m\_M@Ant 1



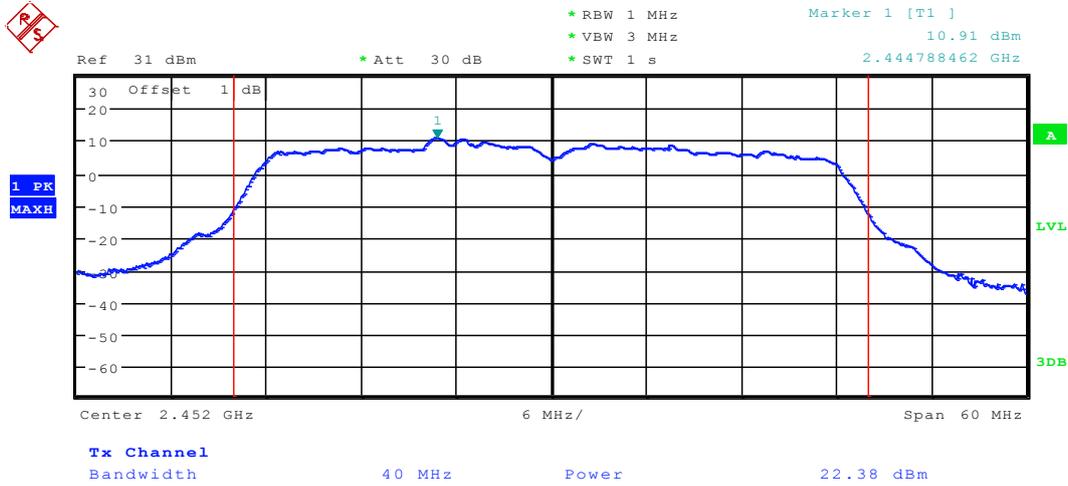
Date: 14.AUG.2013 10:43:07

## 2.34 11N40m\_M@Ant 2



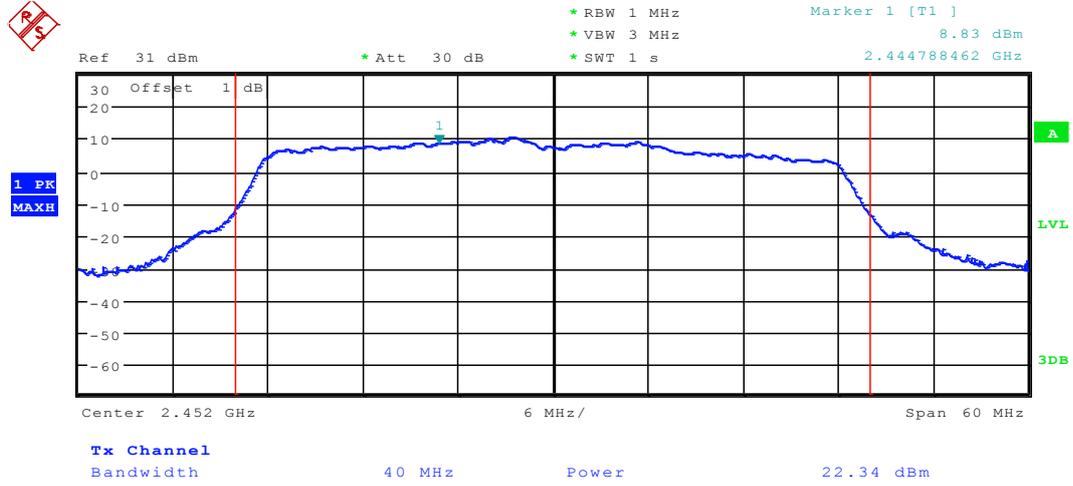
Date: 14.AUG.2013 10:44:01

## 2.35 11N40m\_H@Ant 1



Date: 14.AUG.2013 10:45:03

### 2.36 11N40m\_H@Ant 2



Date: 14.AUG.2013 10:45:57



## Appendix C: Maximum Power Spectral Density Level

### Part I - Test Results

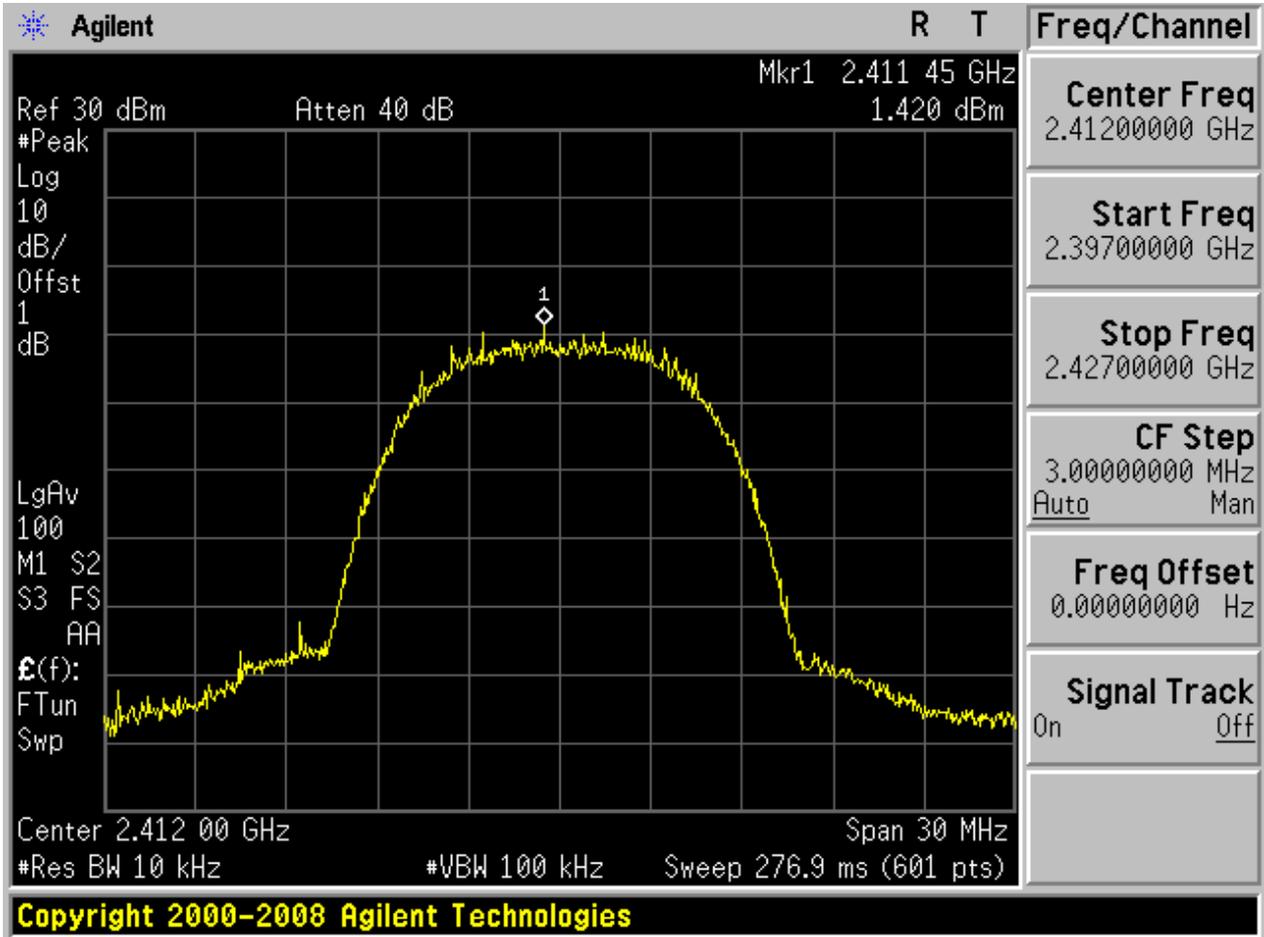
Test Mode	Test Channel	Frequency[MHz]	Ant	PD[MHz]	Verdict
11B	L	2412	Ant 1	1.42	pass
11B	L	2412	Ant 2	1.45	pass
11B	M	2437	Ant 1	2.07	pass
11B	M	2437	Ant 2	0.04	pass
11B	H	2462	Ant 1	2.19	pass
11B	H	2462	Ant 2	1.22	pass
11G	L	2412	Ant 1	-3.38	pass
11G	L	2412	Ant 2	-3.13	pass
11G	M	2437	Ant 1	-2.89	pass
11G	M	2437	Ant 2	-4.31	pass
11G	H	2462	Ant 1	-2.83	pass
11G	H	2462	Ant 2	-3.26	pass
11N20	L	2412	Ant 1	-6.70	pass
11N20	L	2412	Ant 2	-5.42	pass
11N20	M	2437	Ant 1	-5.50	pass
11N20	M	2437	Ant 2	-7.29	pass
11N20	H	2462	Ant 1	-5.55	pass
11N20	H	2462	Ant 2	-5.67	pass
11N20m	L	2412	Ant 1	-6.38	pass
11N20m	L	2412	Ant 2	-6.02	pass
11N20m	L	2412	sum	-3.02	pass
11N20m	M	2437	Ant 1	-6.25	pass
11N20m	M	2437	Ant 2	-6.78	pass
11N20m	M	2437	sum	-3.25	pass
11N20m	H	2462	Ant 1	-4.89	pass
11N20m	H	2462	Ant 2	-5.79	pass
11N20m	H	2462	sum	-1.89	pass
11N40	L	2422	Ant 1	-8.75	pass
11N40	L	2422	Ant 2	-8.36	pass
11N40	M	2437	Ant 1	-8.59	pass
11N40	M	2437	Ant 2	-8.94	pass
11N40	H	2452	Ant 1	-8.21	pass
11N40	H	2452	Ant 2	-8.80	pass
11N40m	L	2422	Ant 1	-8.81	pass
11N40m	L	2422	Ant 2	-8.05	pass
11N40m	L	2422	sum	-5.05	pass



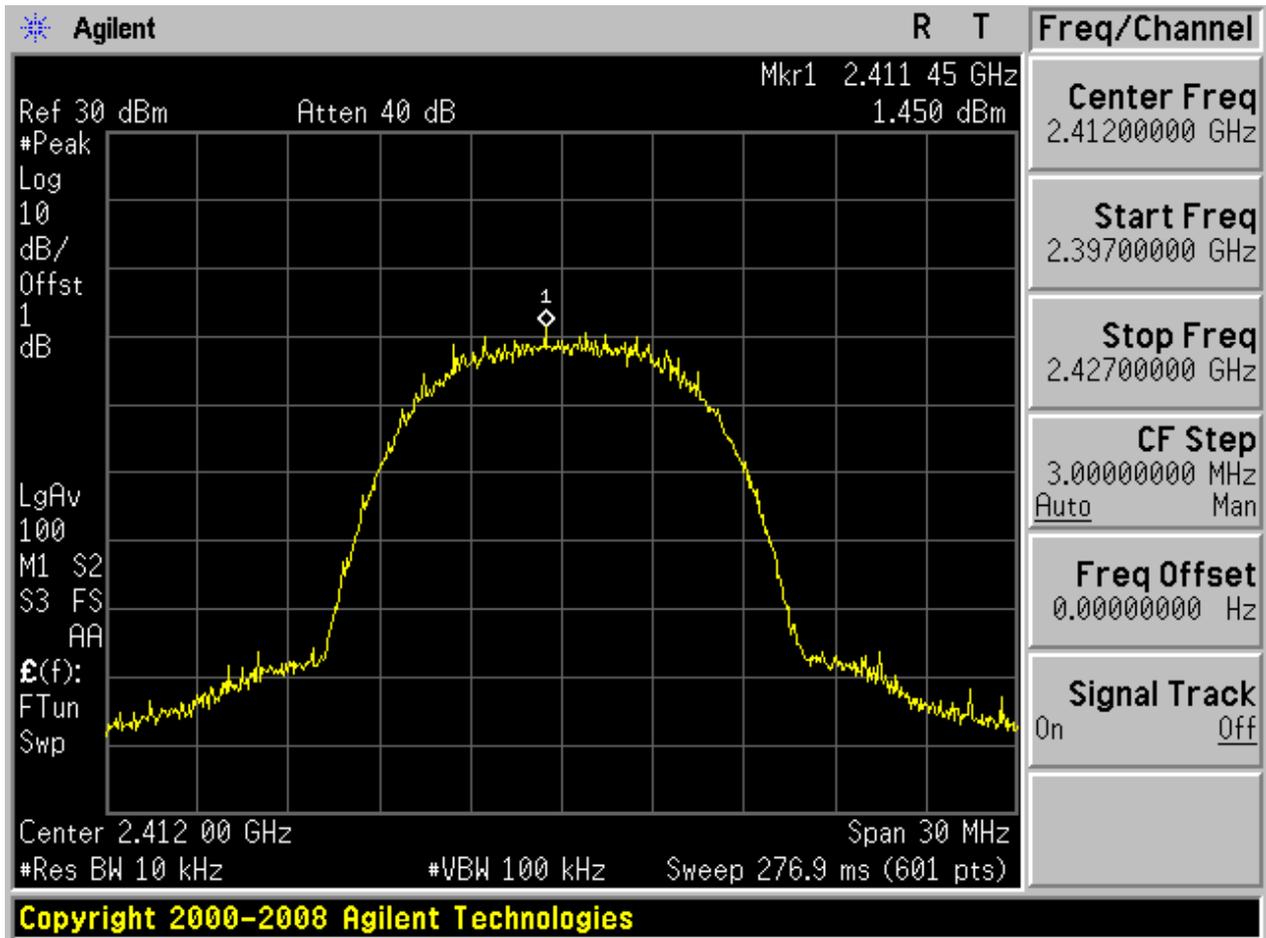
Test Mode	Test Channel	Frequency[MHz]	Ant	PD[MHz]	Verdict
11N40m	M	2437	Ant 1	-7.83	pass
11N40m	M	2437	Ant 2	-8.61	pass
11N40m	M	2437	sum	-4.83	pass
11N40m	H	2452	Ant 1	-8.24	pass
11N40m	H	2452	Ant 2	-7.55	pass
11N40m	H	2452	sum	-4.55	pass

## Part II - Test Plots

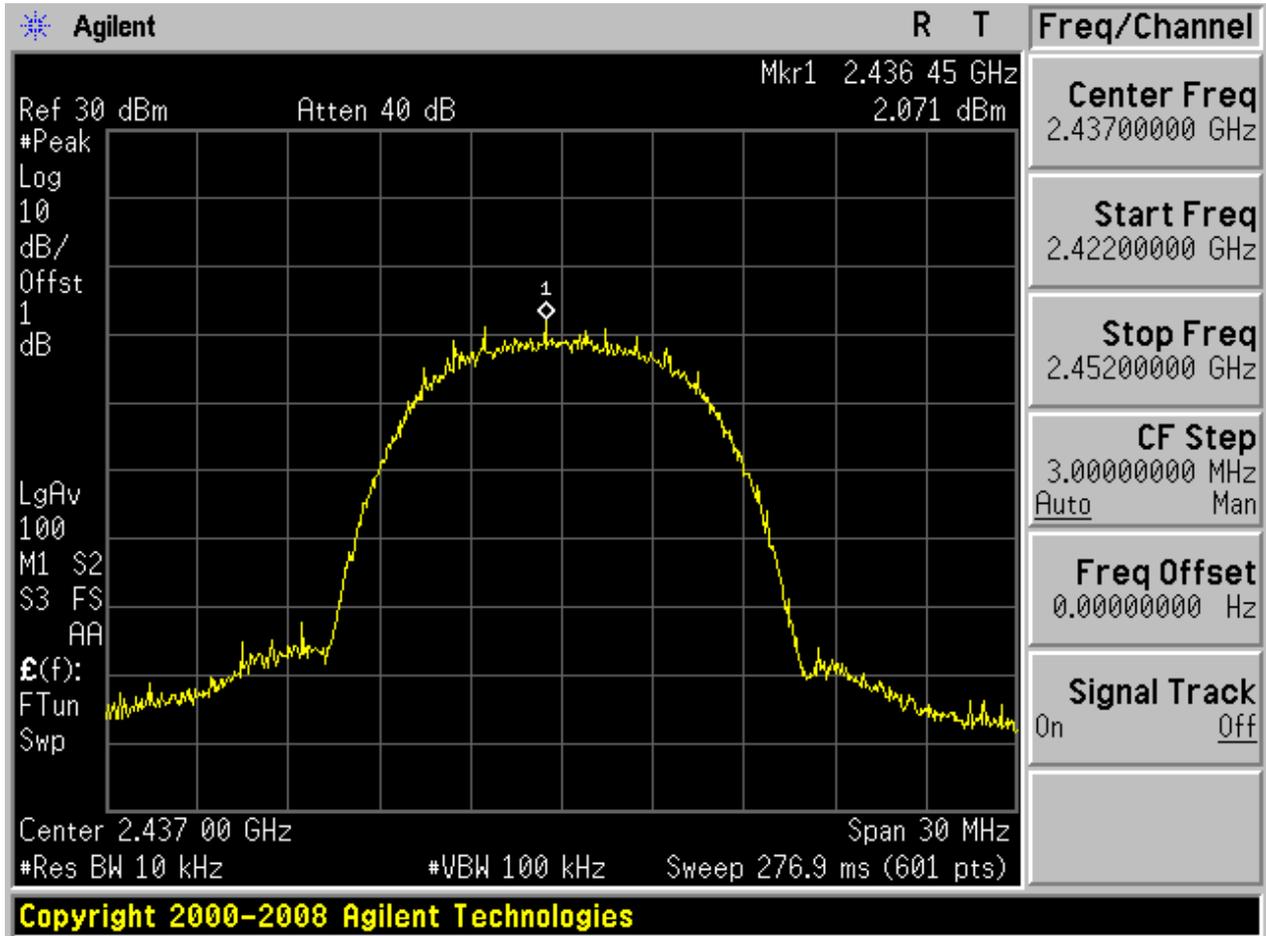
### 2.1 11B\_L@Ant 1



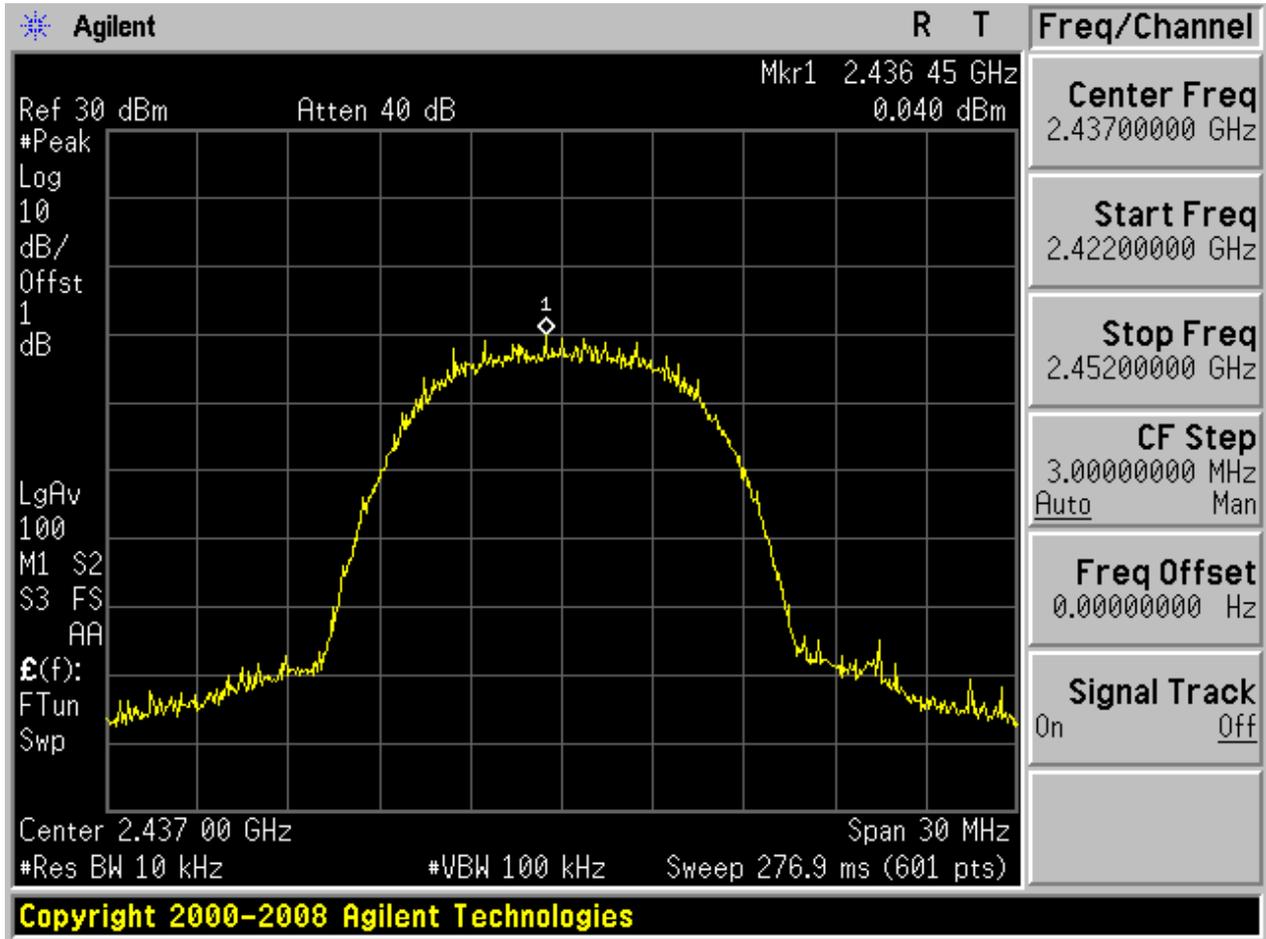
## 2.2 11B\_L@Ant 2



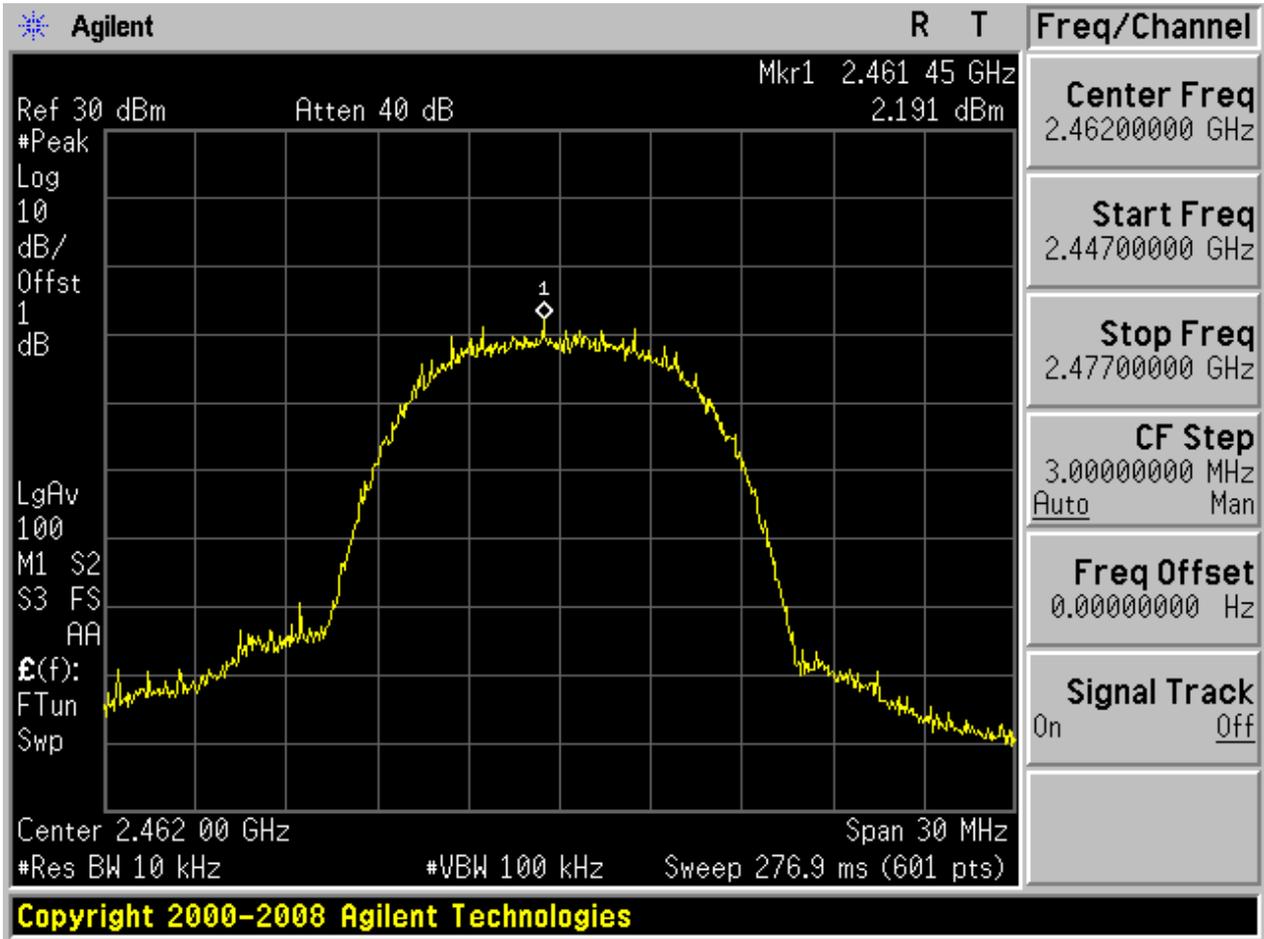
### 2.3 11B\_M@Ant 1



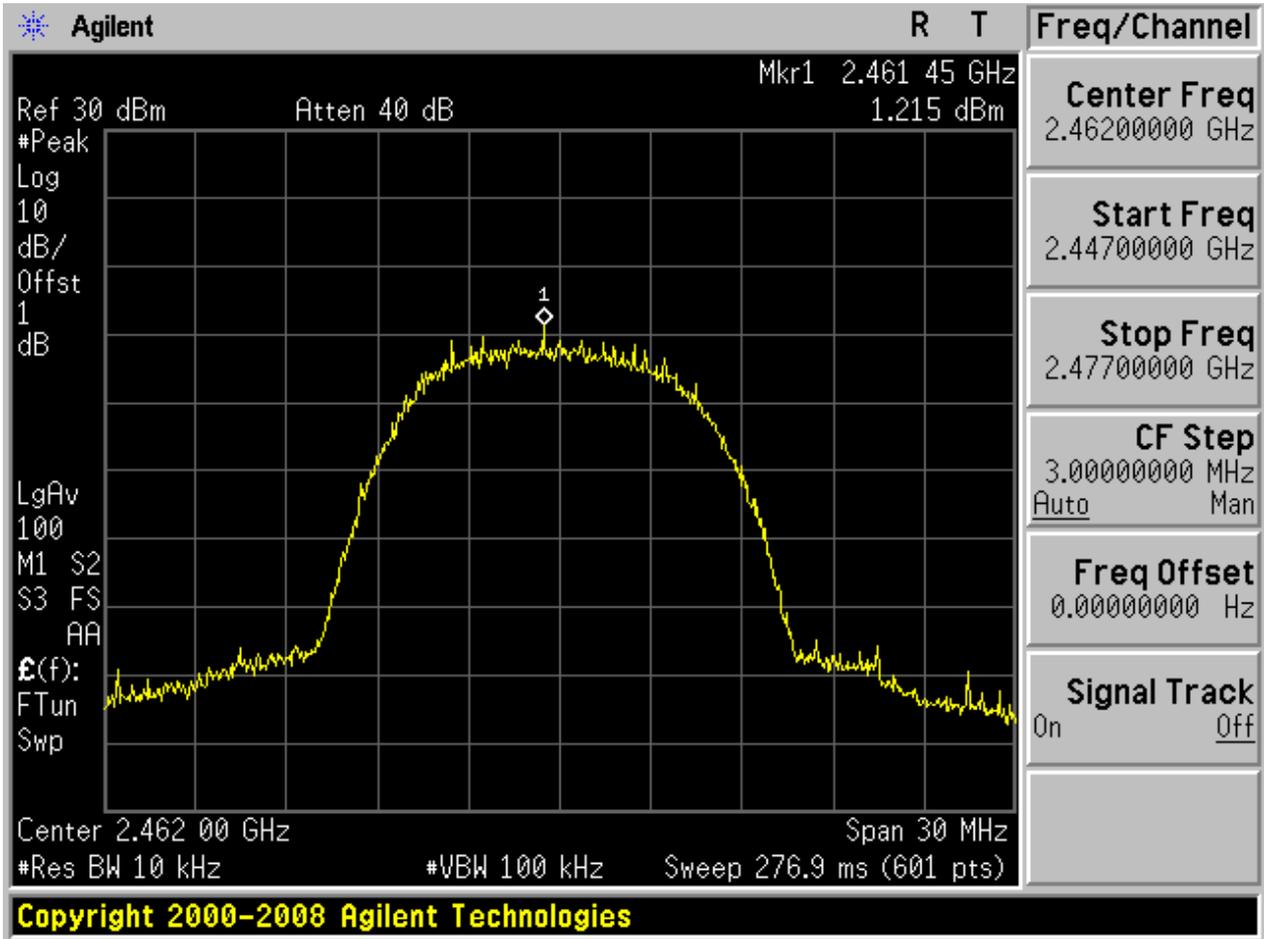
### 2.4 11B\_M@Ant 2



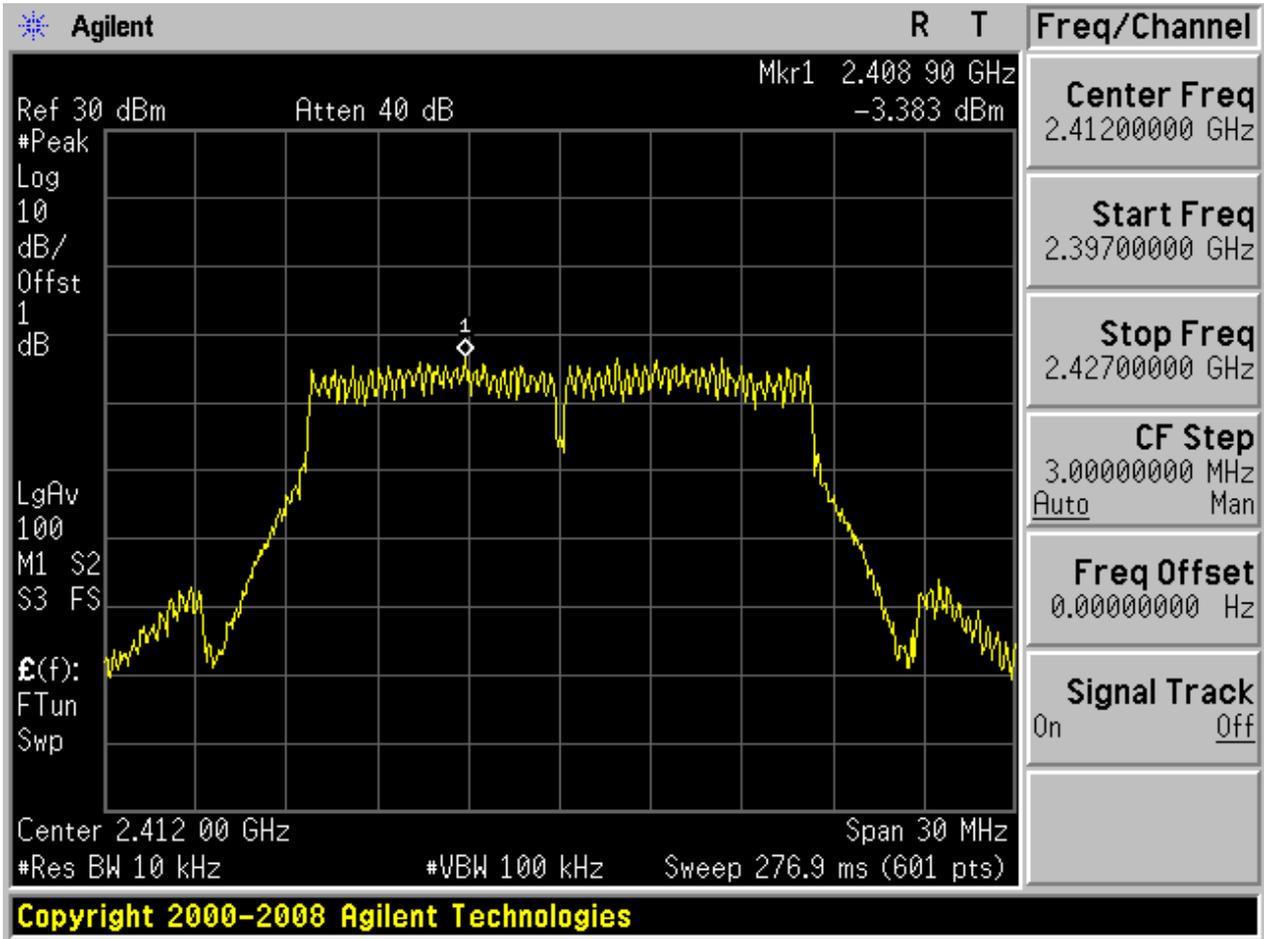
### 2.5 11B\_H@Ant 1



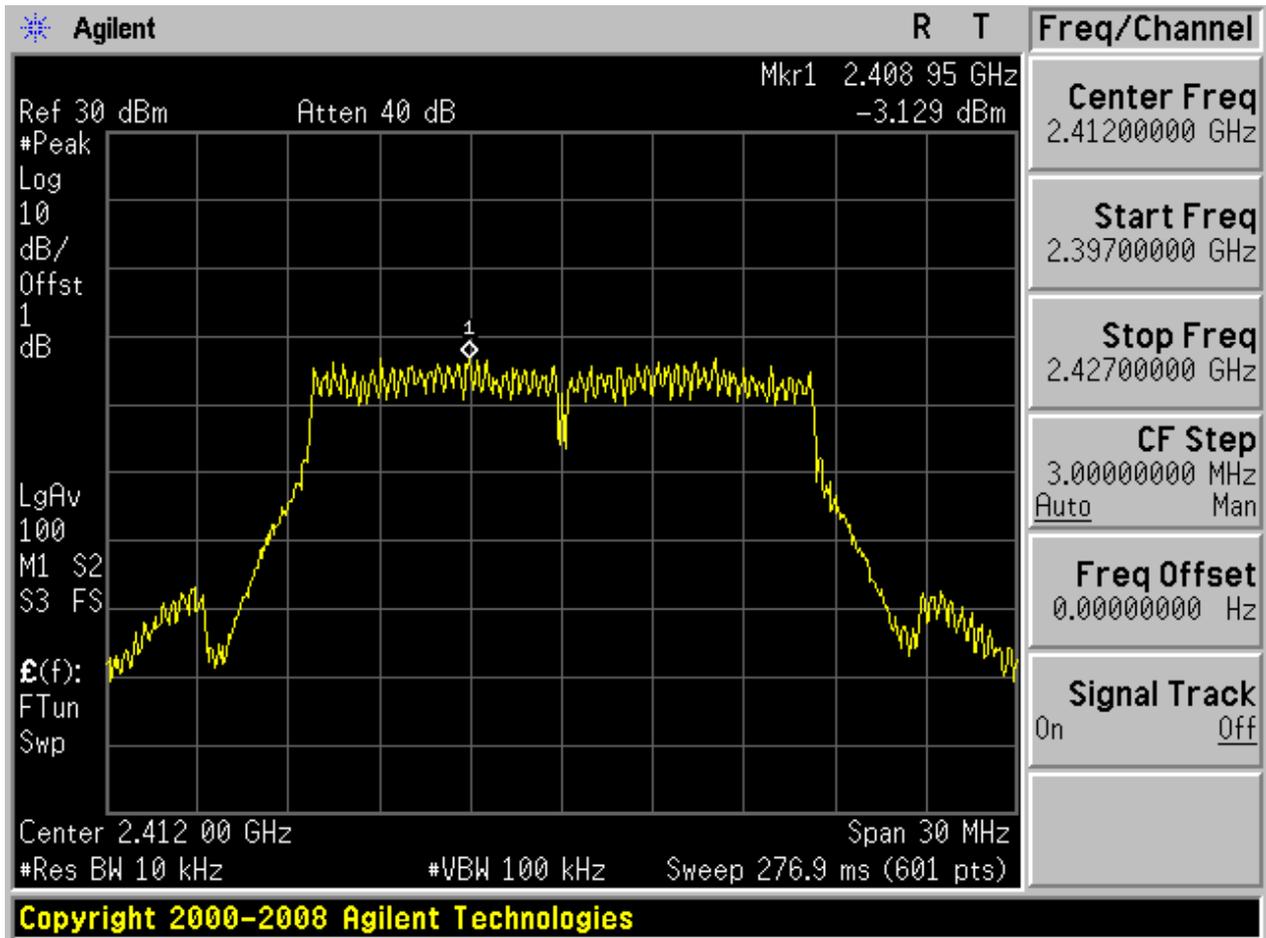
## 2.6 11B\_H@Ant 2



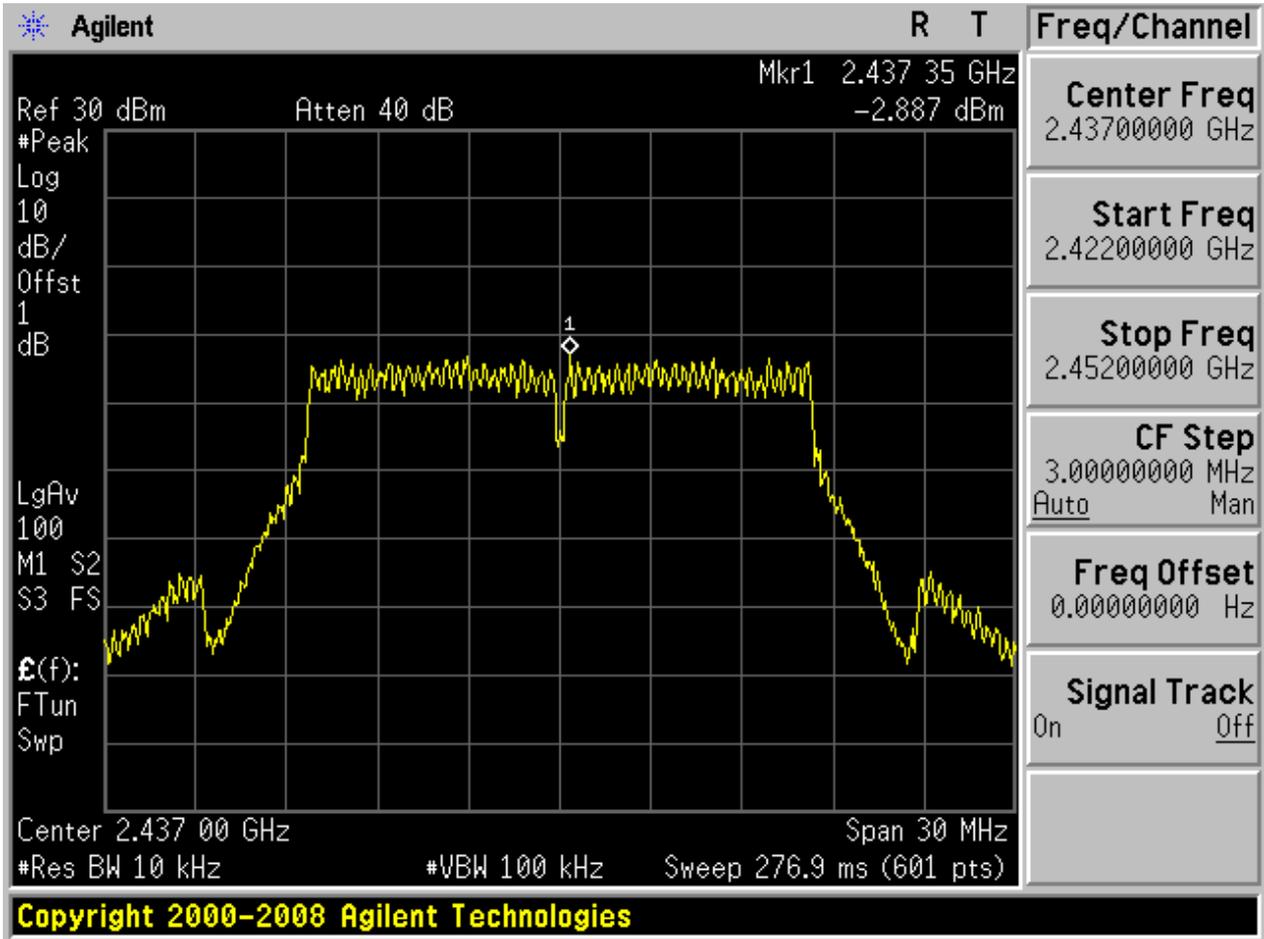
### 2.7 11G\_L@Ant 1



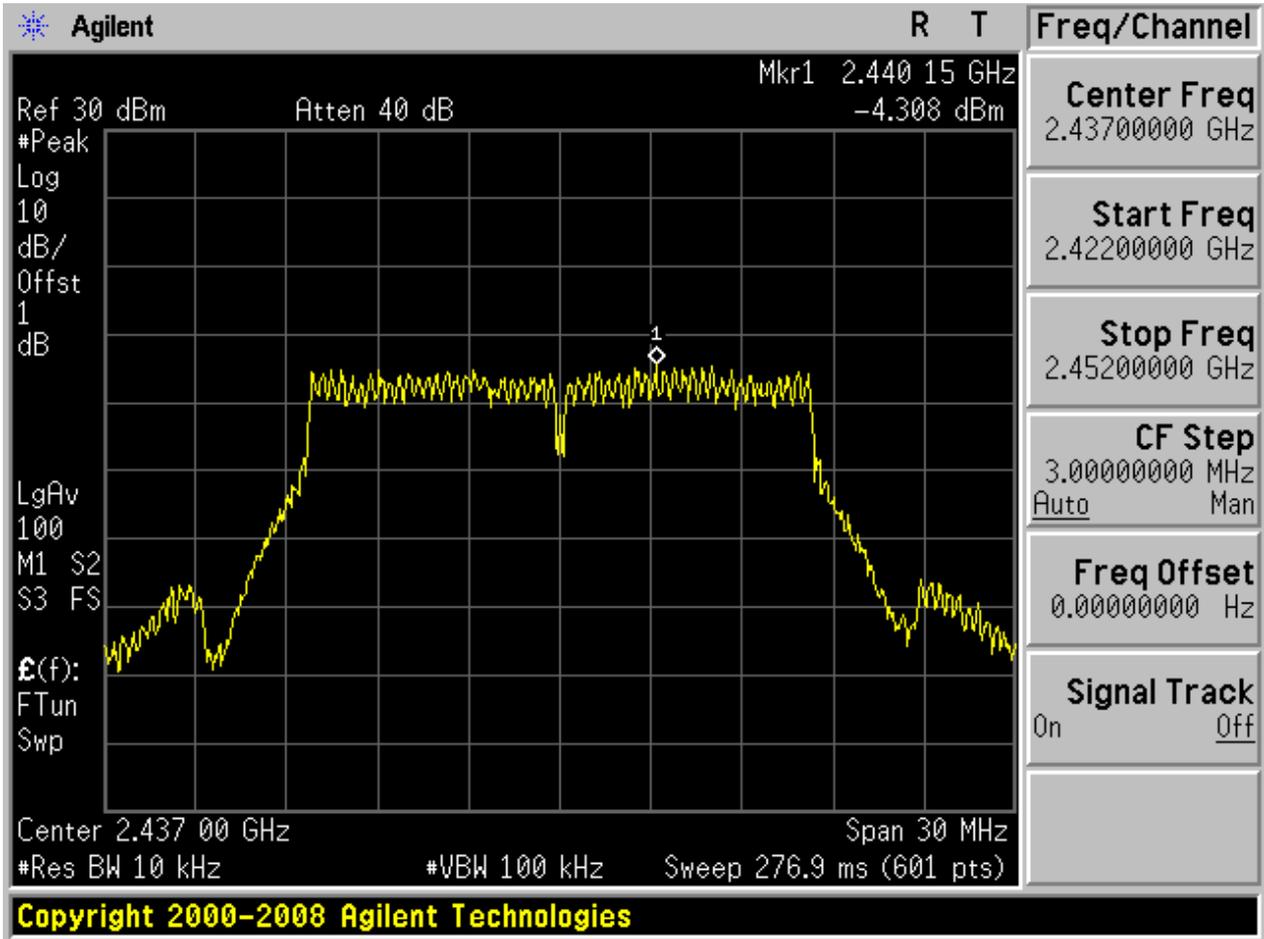
## 2.8 11G\_L@Ant 2



### 2.9 11G\_M@Ant 1

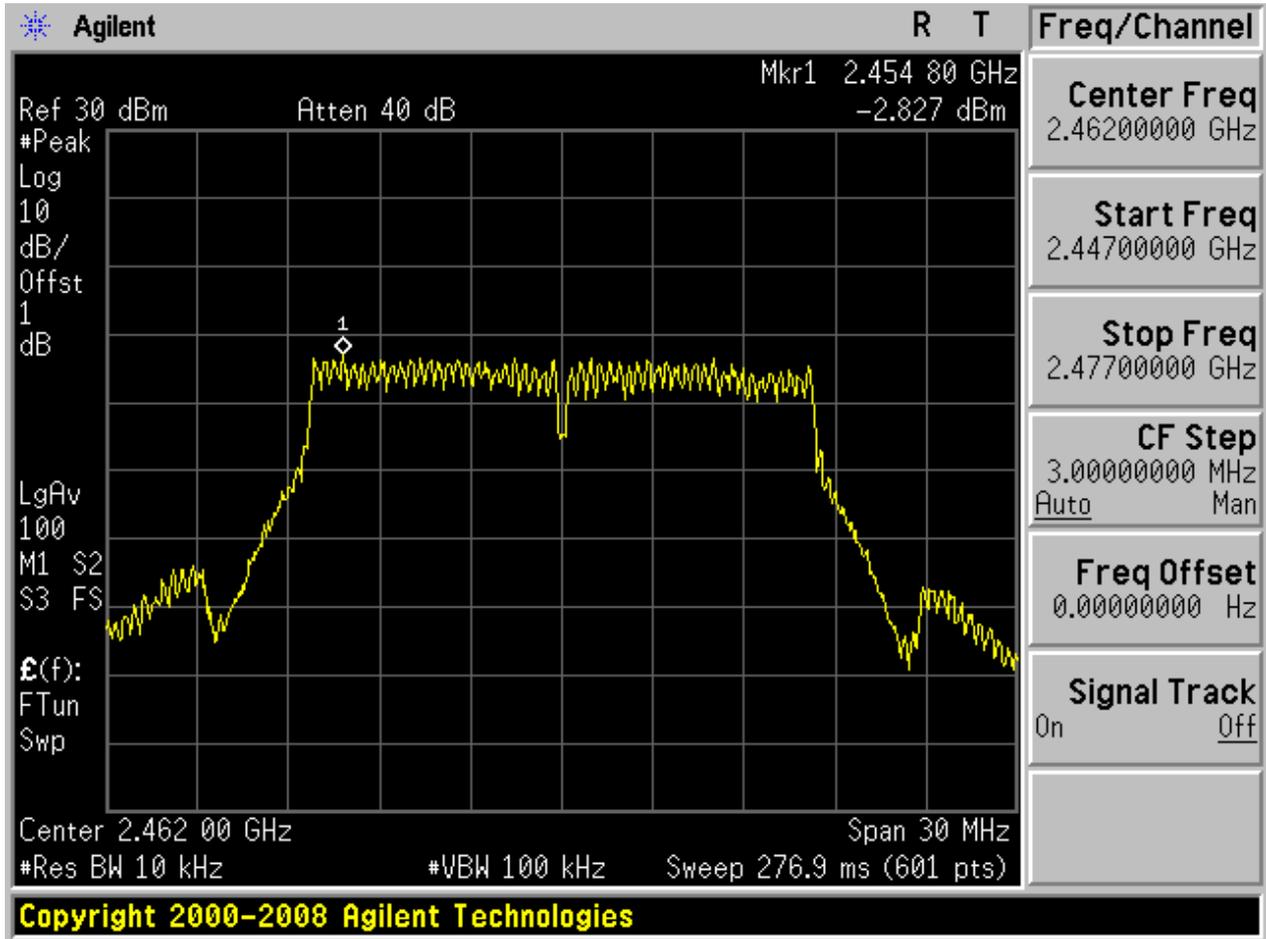


### 2.10 11G\_M@Ant 2



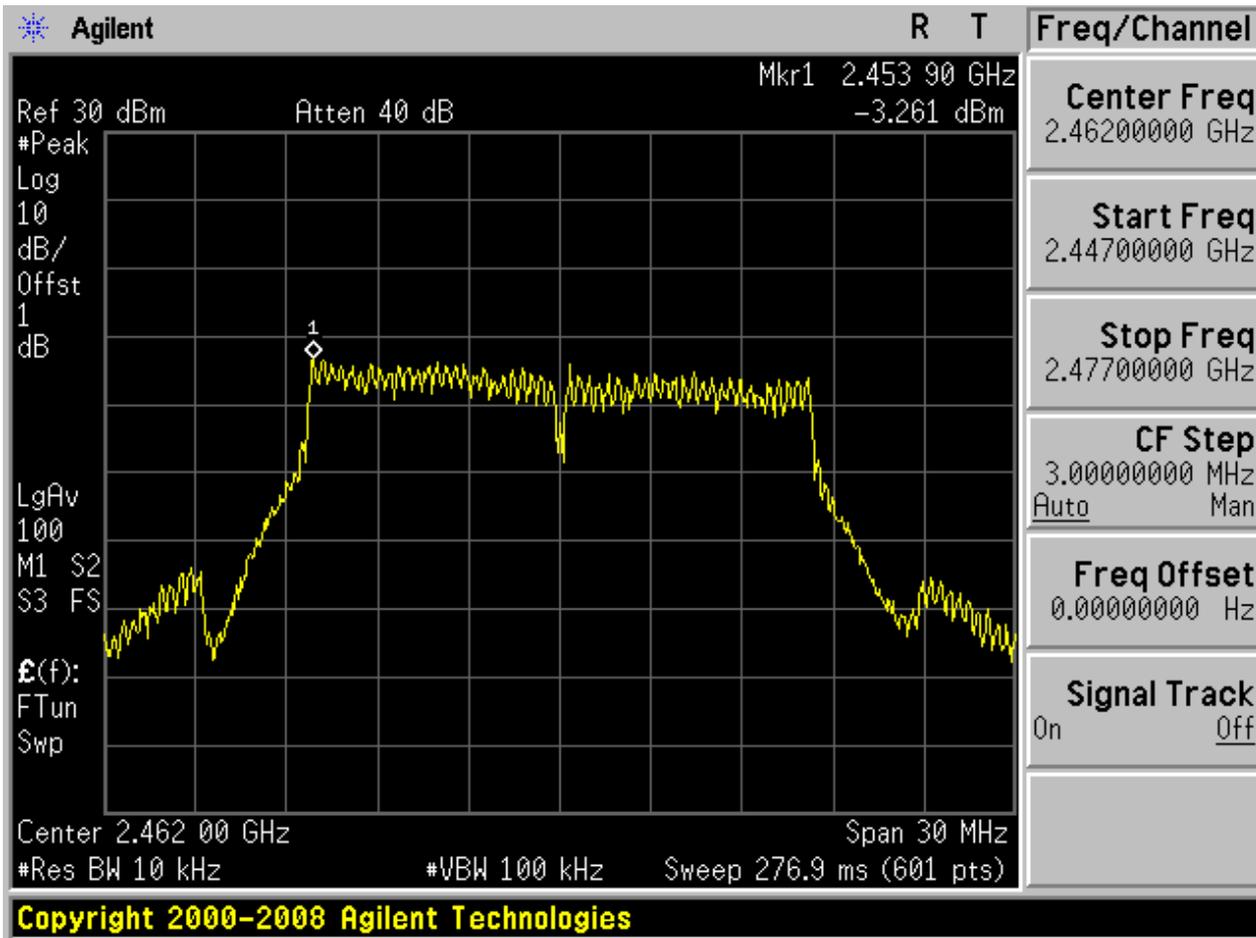


### 2.11 11G\_H@Ant 1

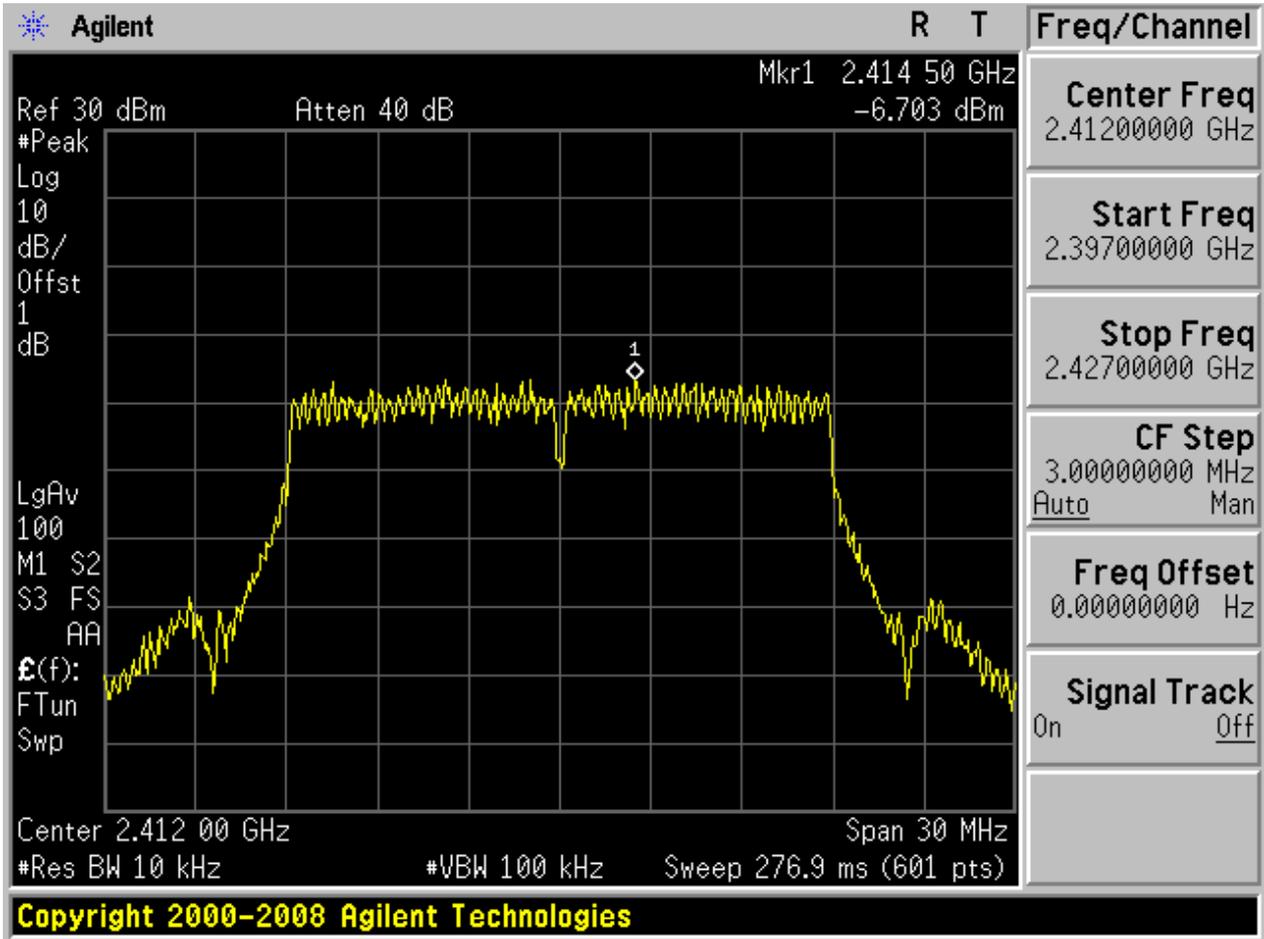




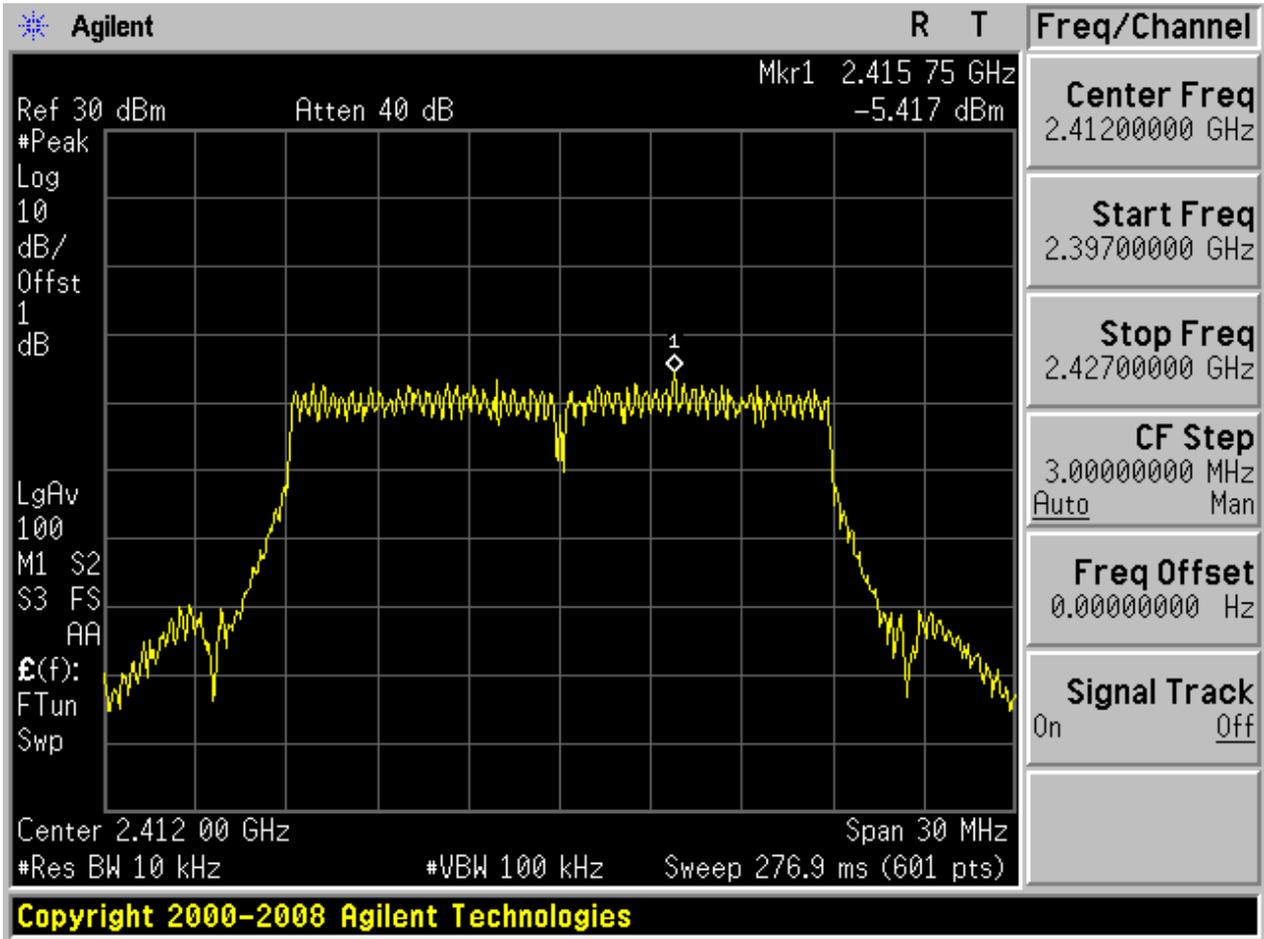
### 2.12 11G\_H@Ant 2



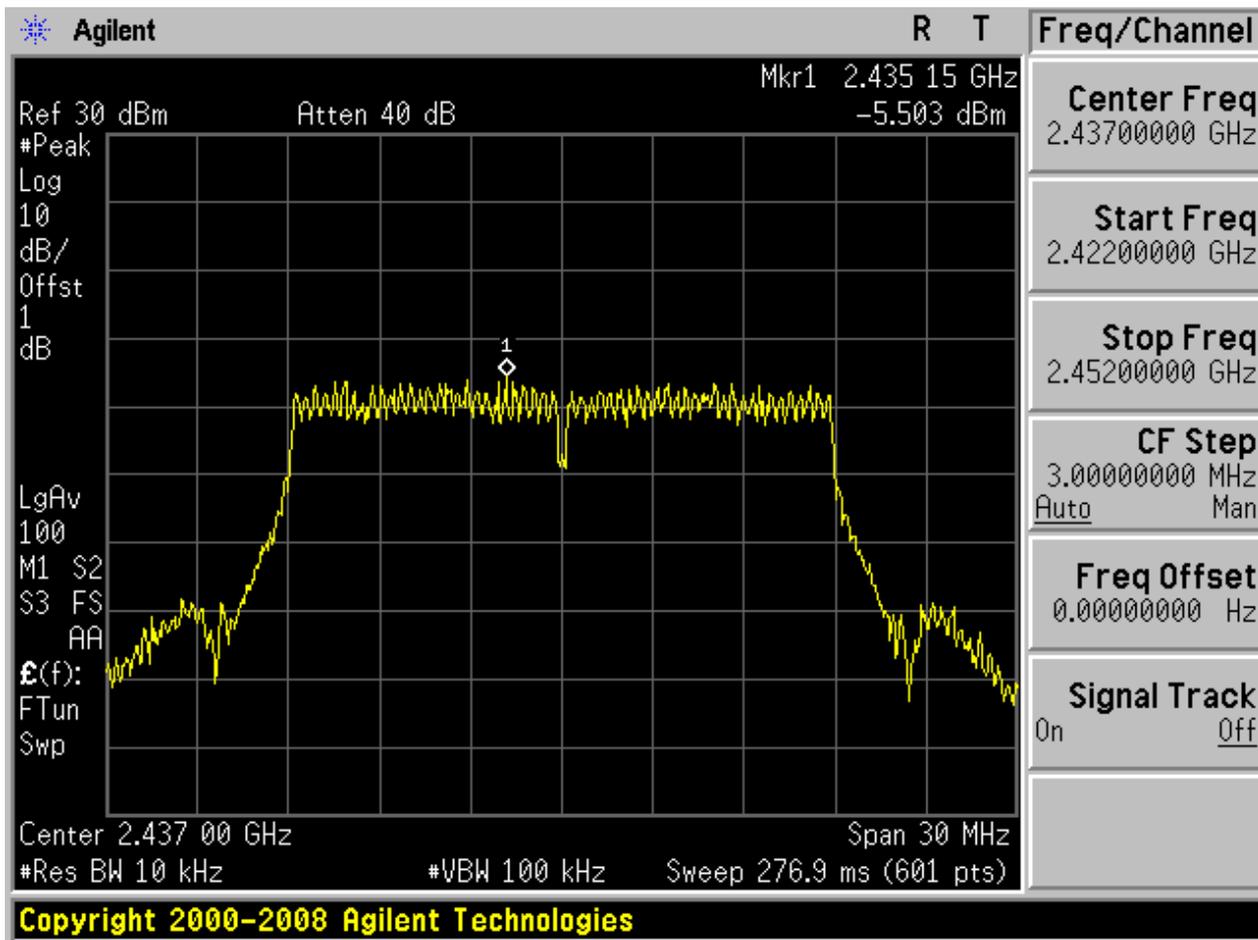
2.13 11N20\_L@Ant 1



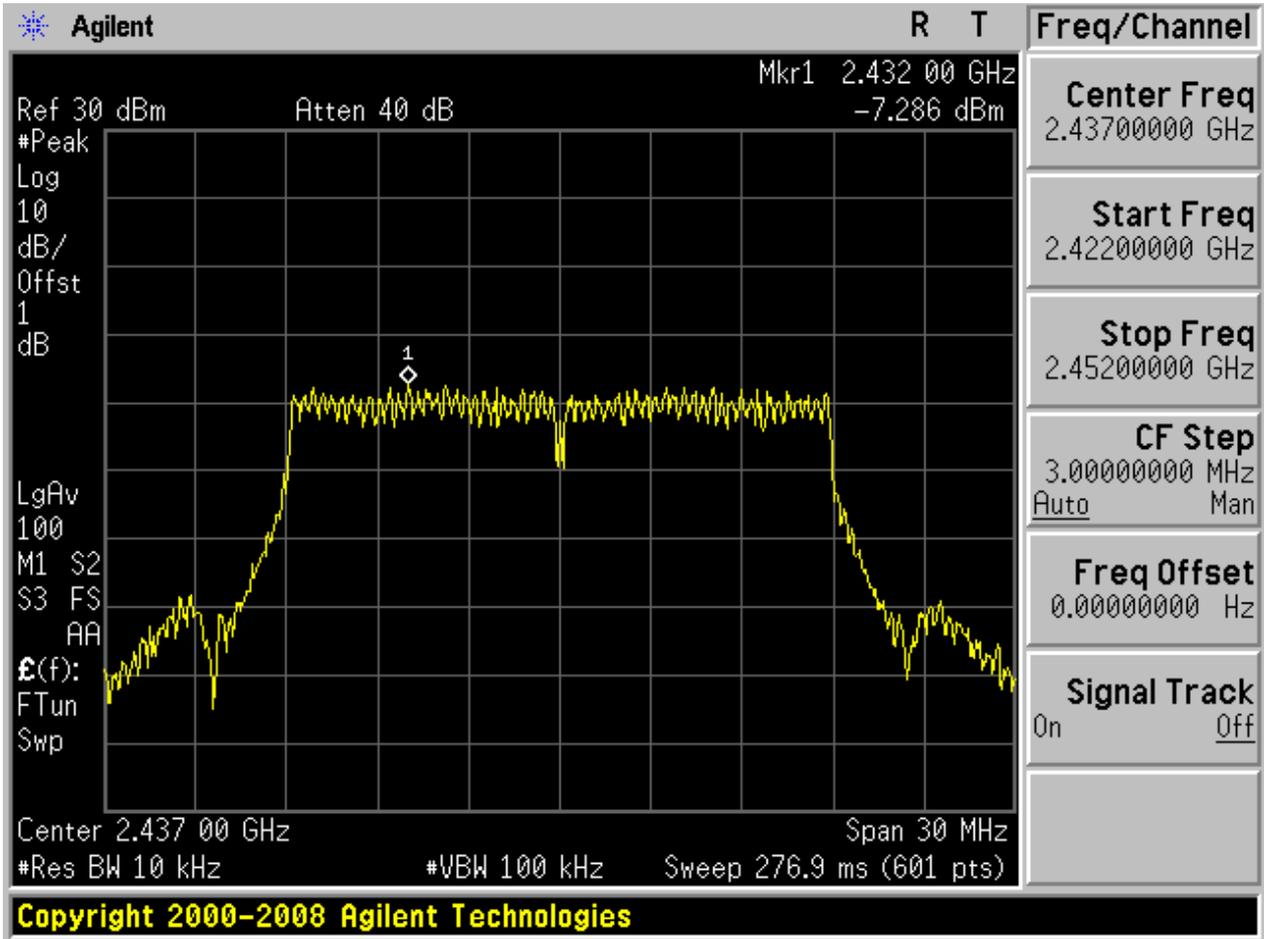
2.14 11N20\_L@Ant 2



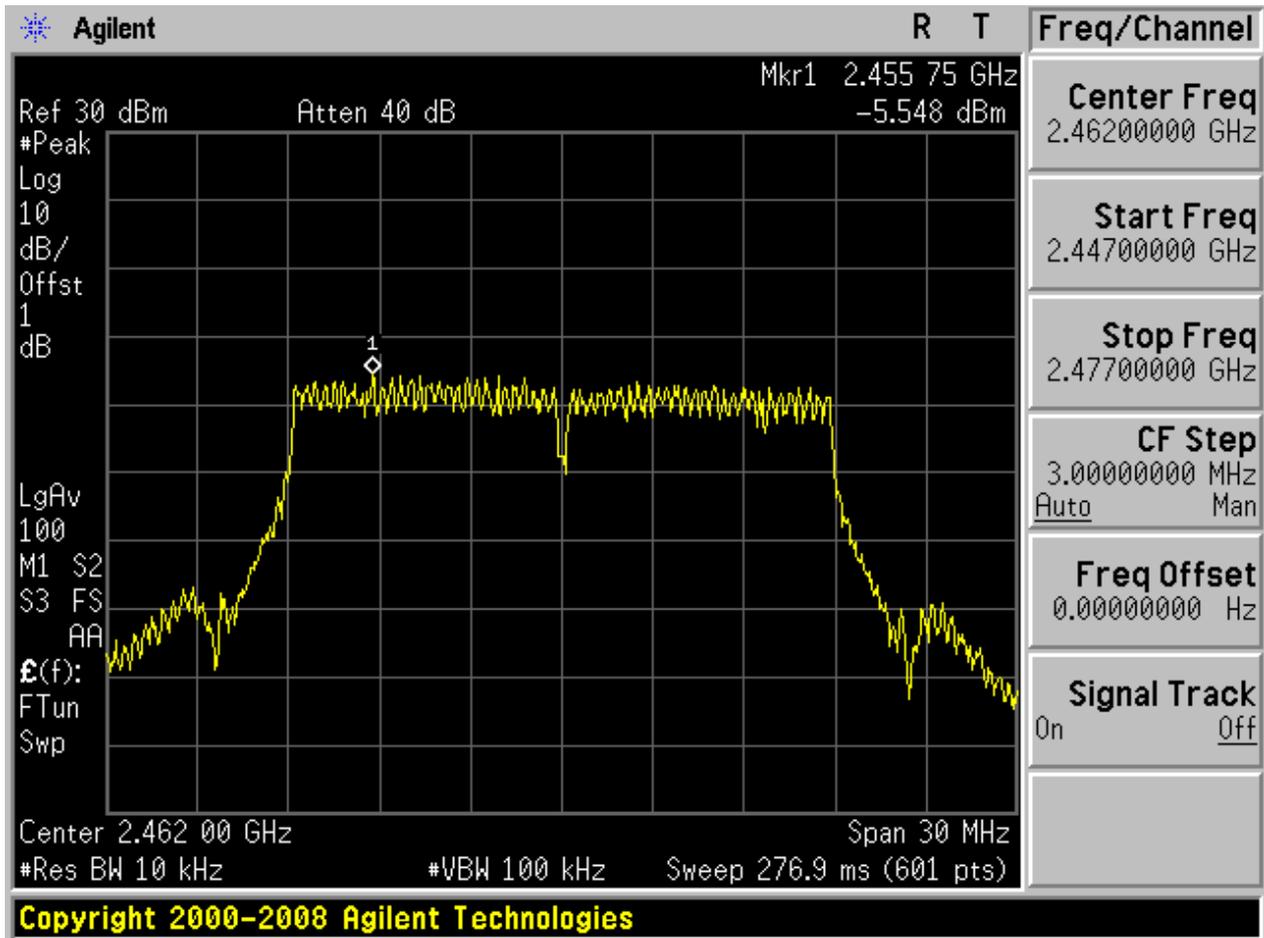
### 2.15 11N20\_M@Ant 1



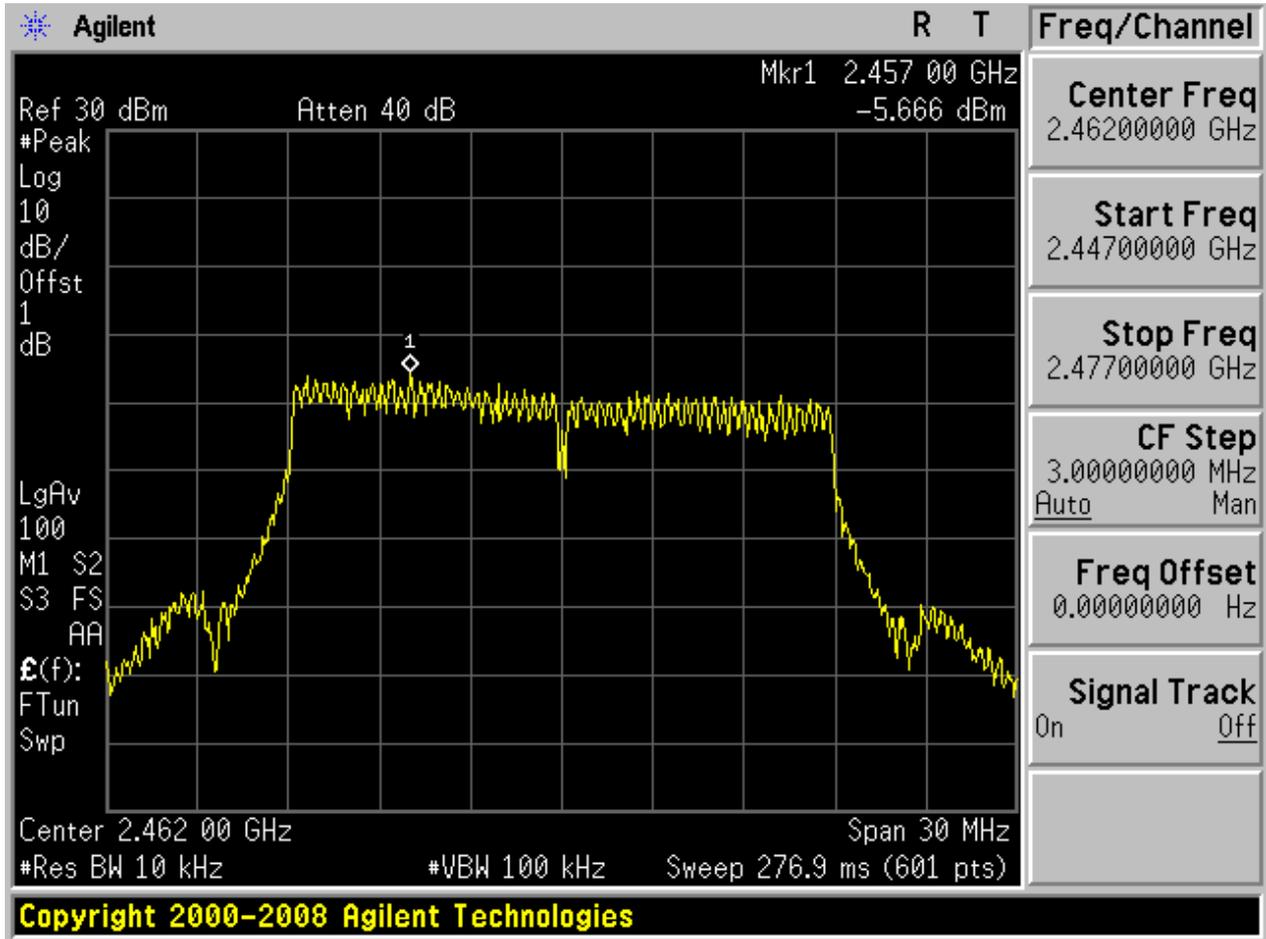
2.16 11N20\_M@Ant 2



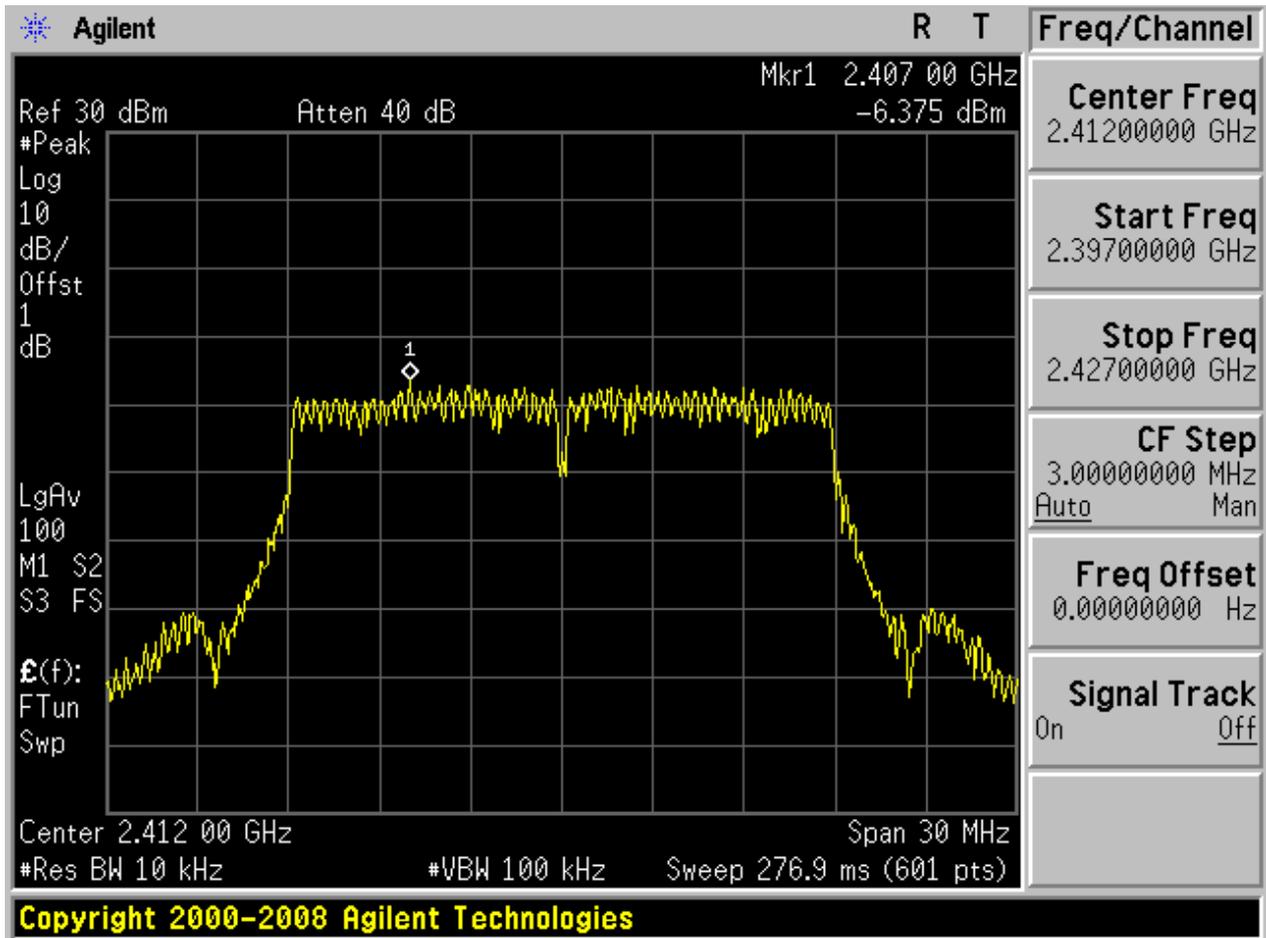
## 2.17 11N20\_H@Ant 1



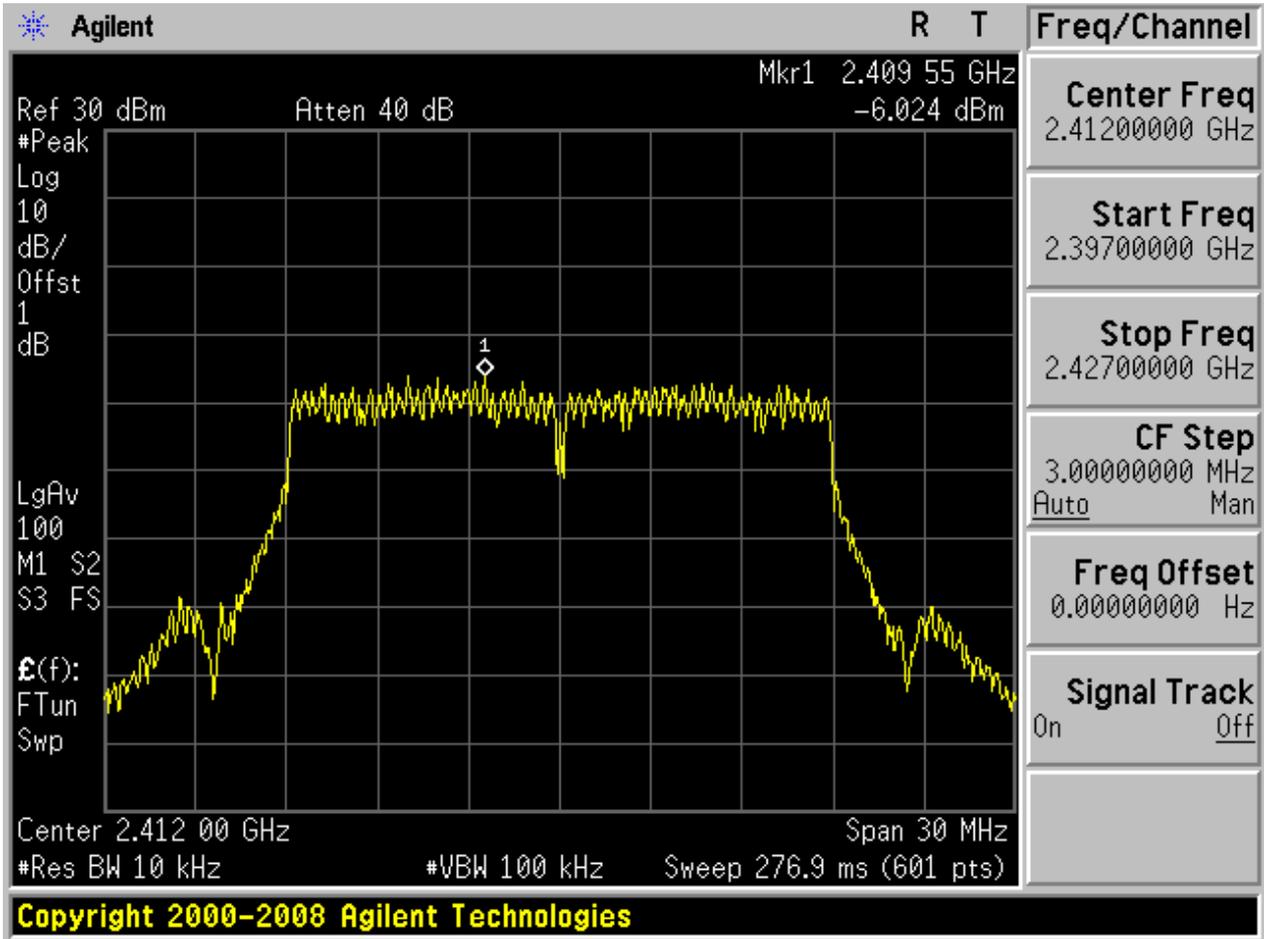
### 2.18 11N20\_H@Ant 2



### 2.19 11N20m\_L@Ant 1

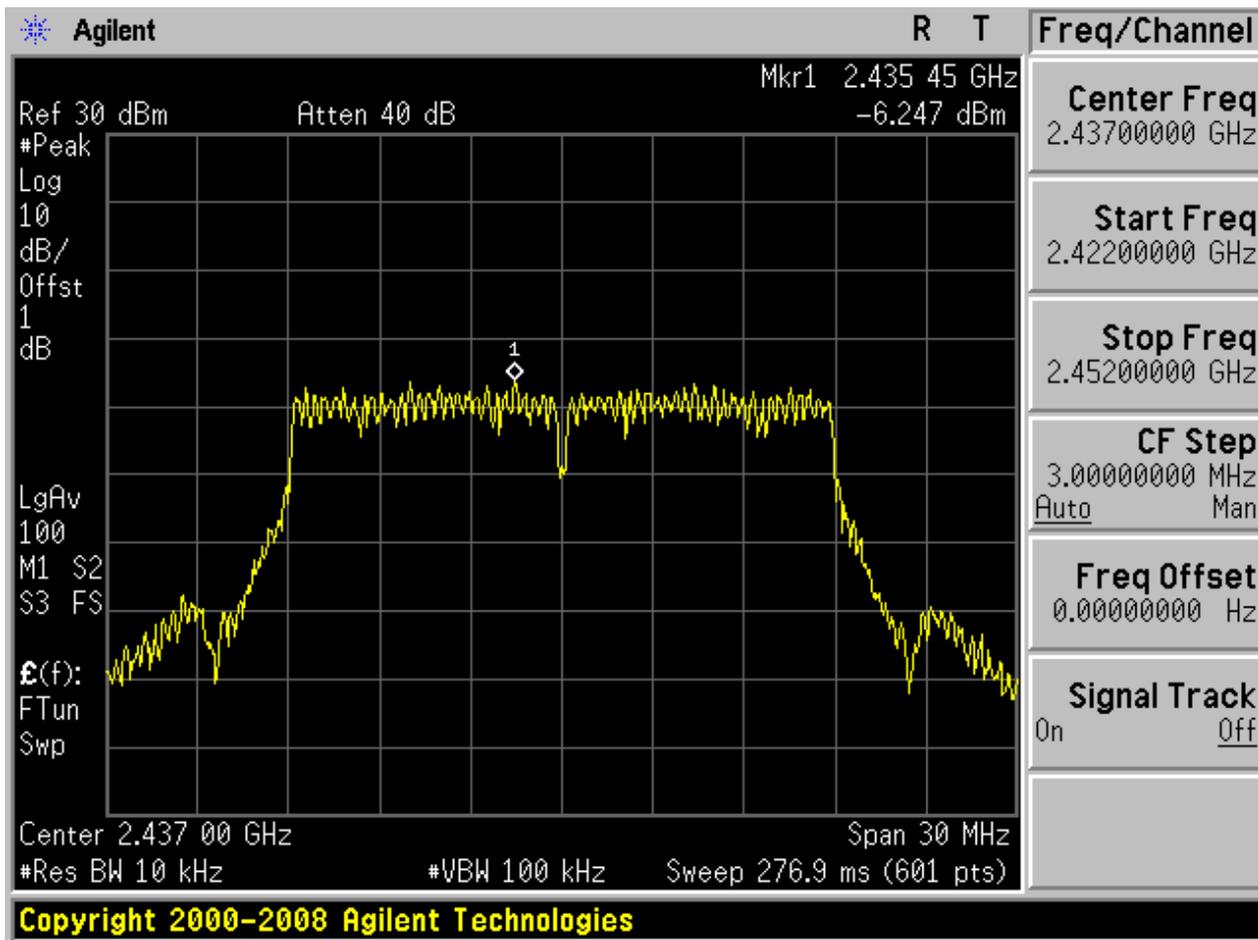


### 2.20 11N20m\_L@Ant 2

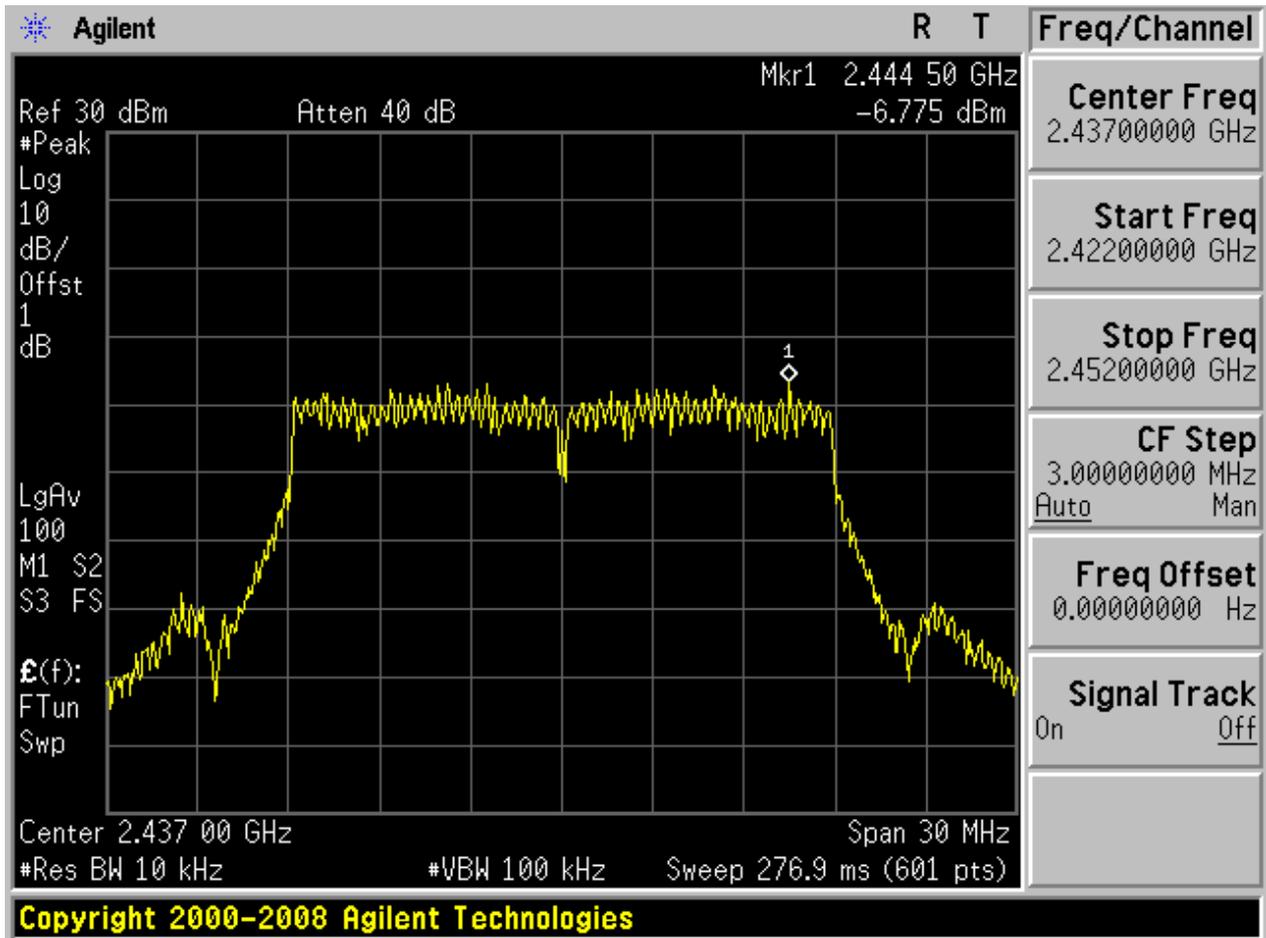




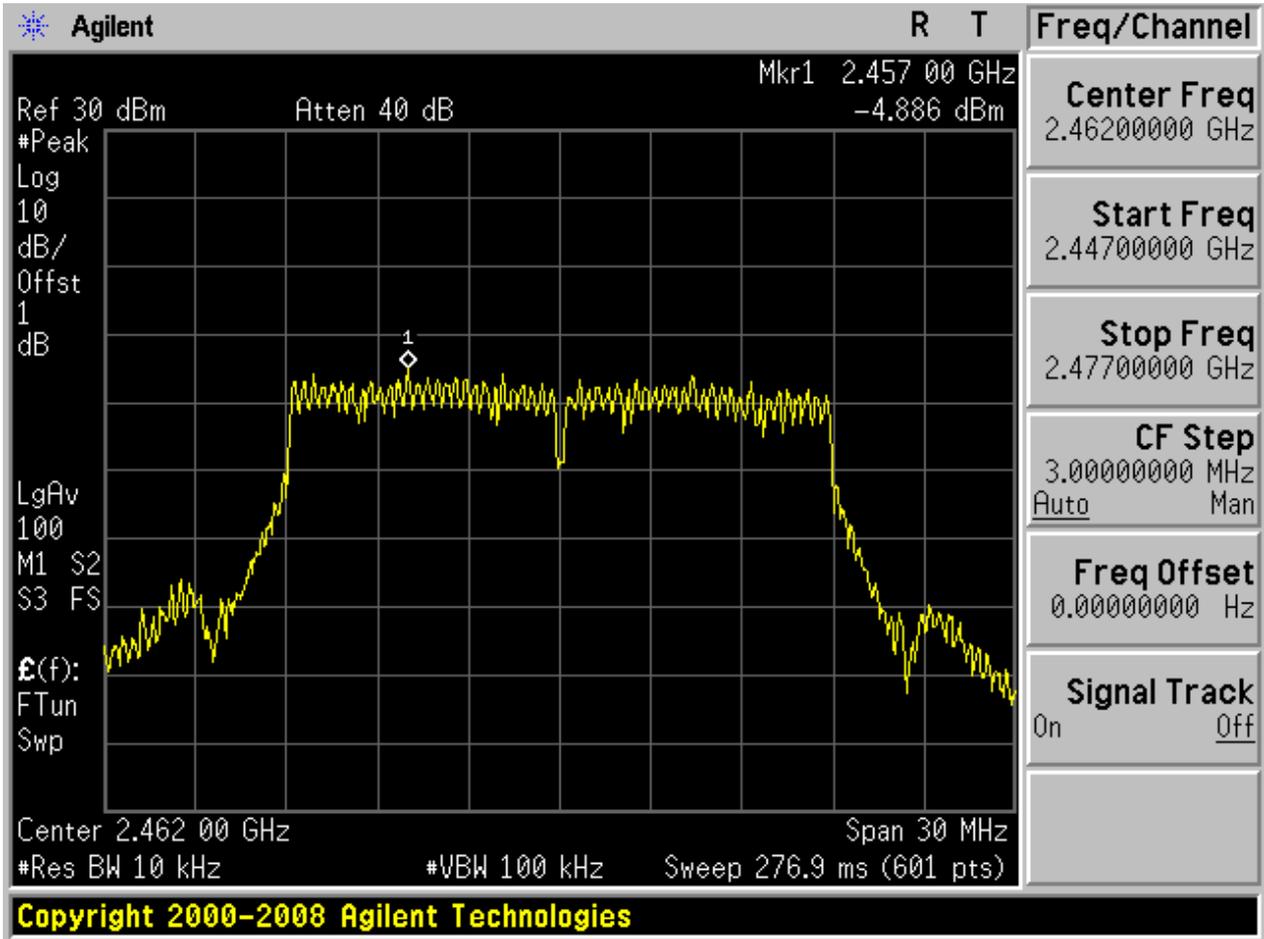
### 2.21 11N20m\_M@Ant 1



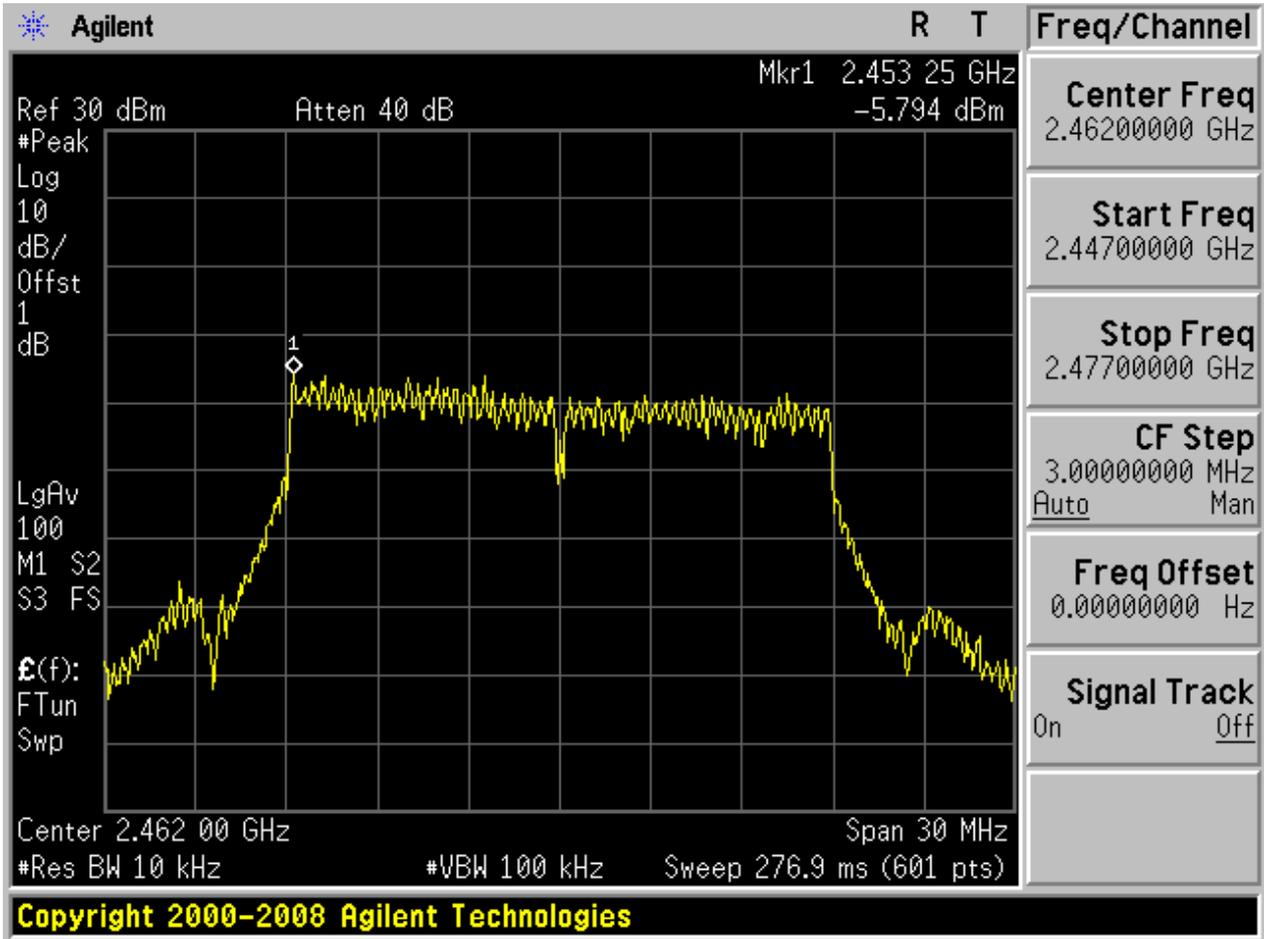
### 2.22 11N20m\_M@Ant 2



2.23 11N20m\_H@Ant 1

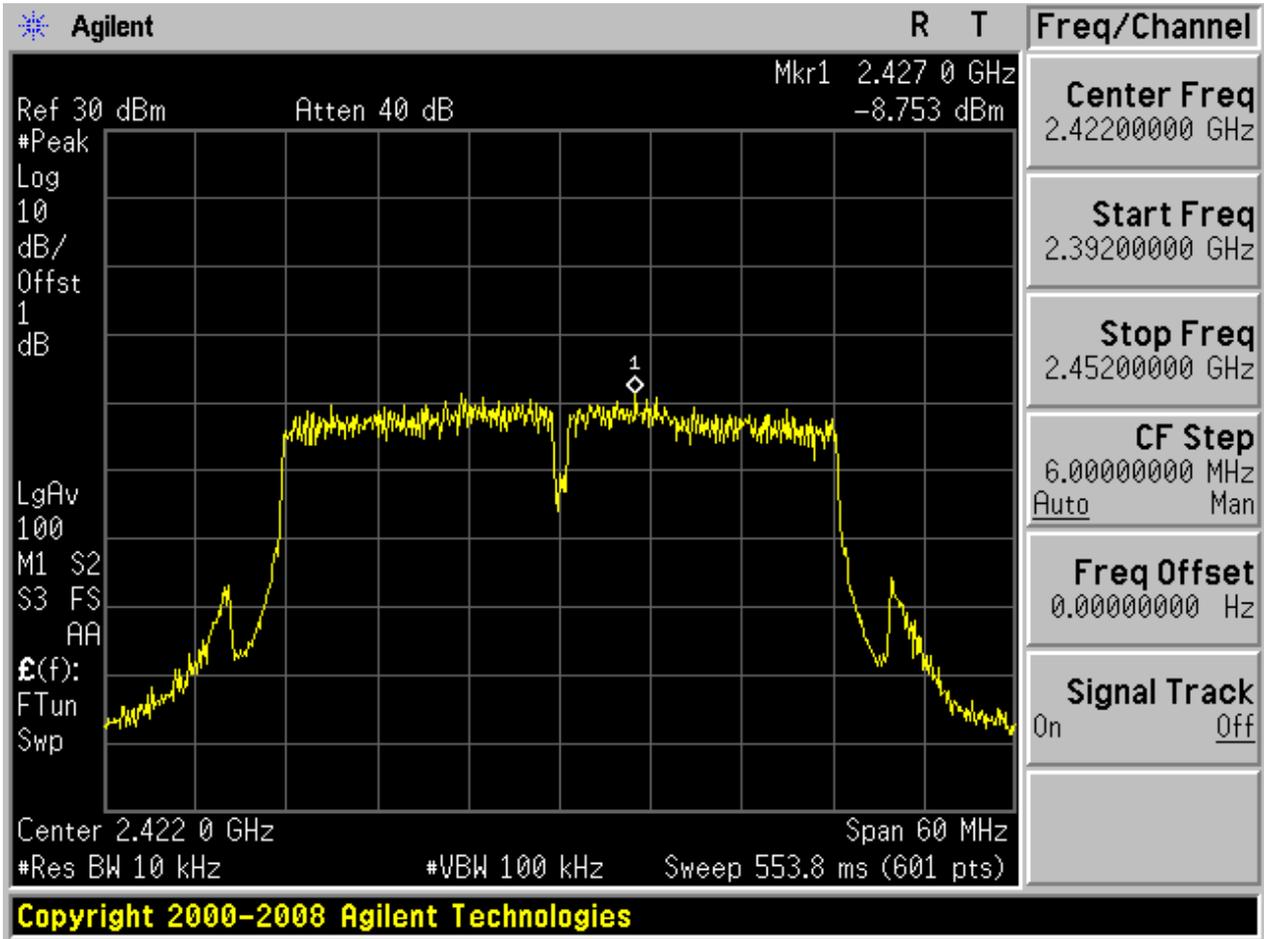


2.24 11N20m\_H@Ant 2

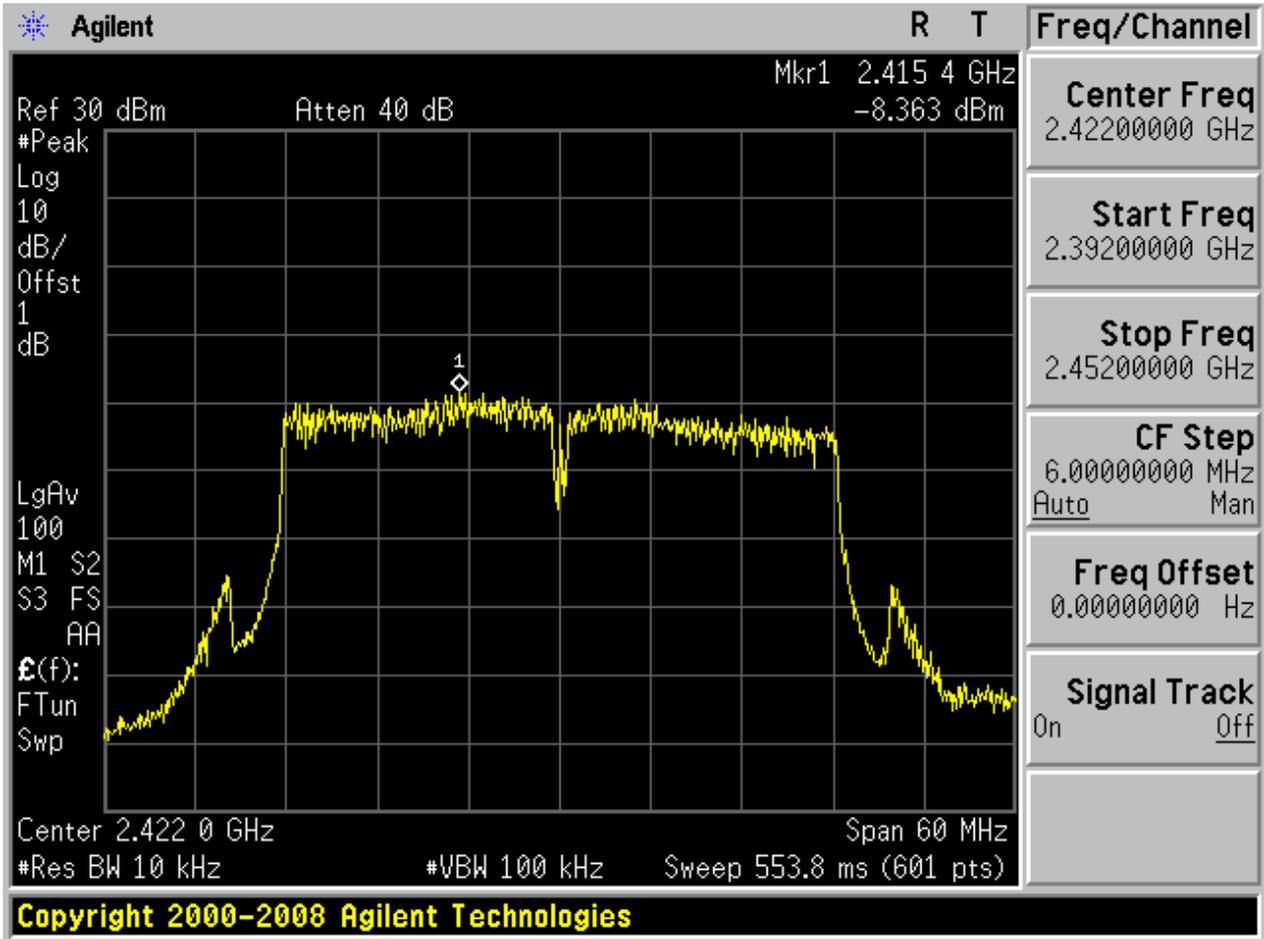




### 2.25 11N40\_L@Ant 1

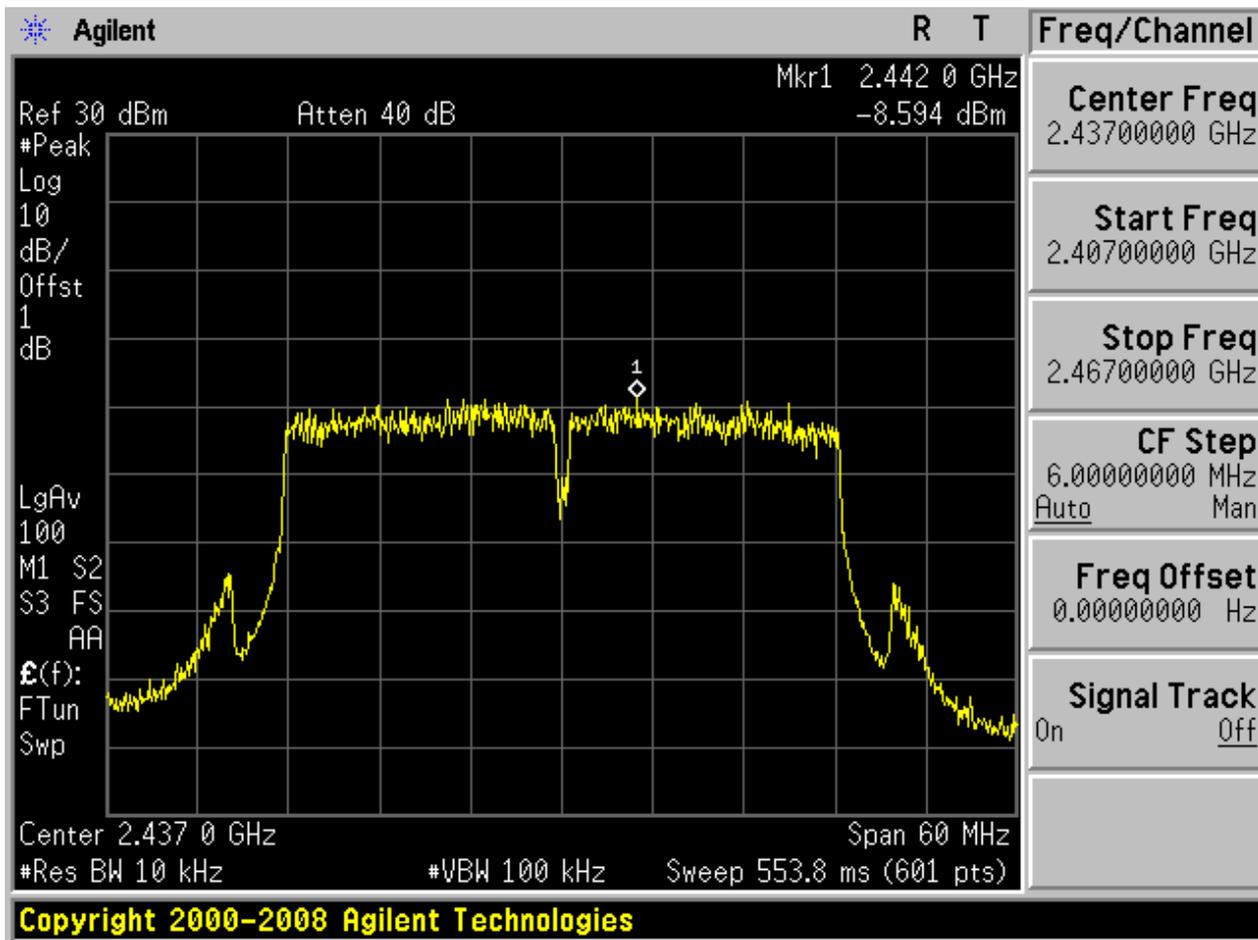


2.26 11N40\_L@Ant 2

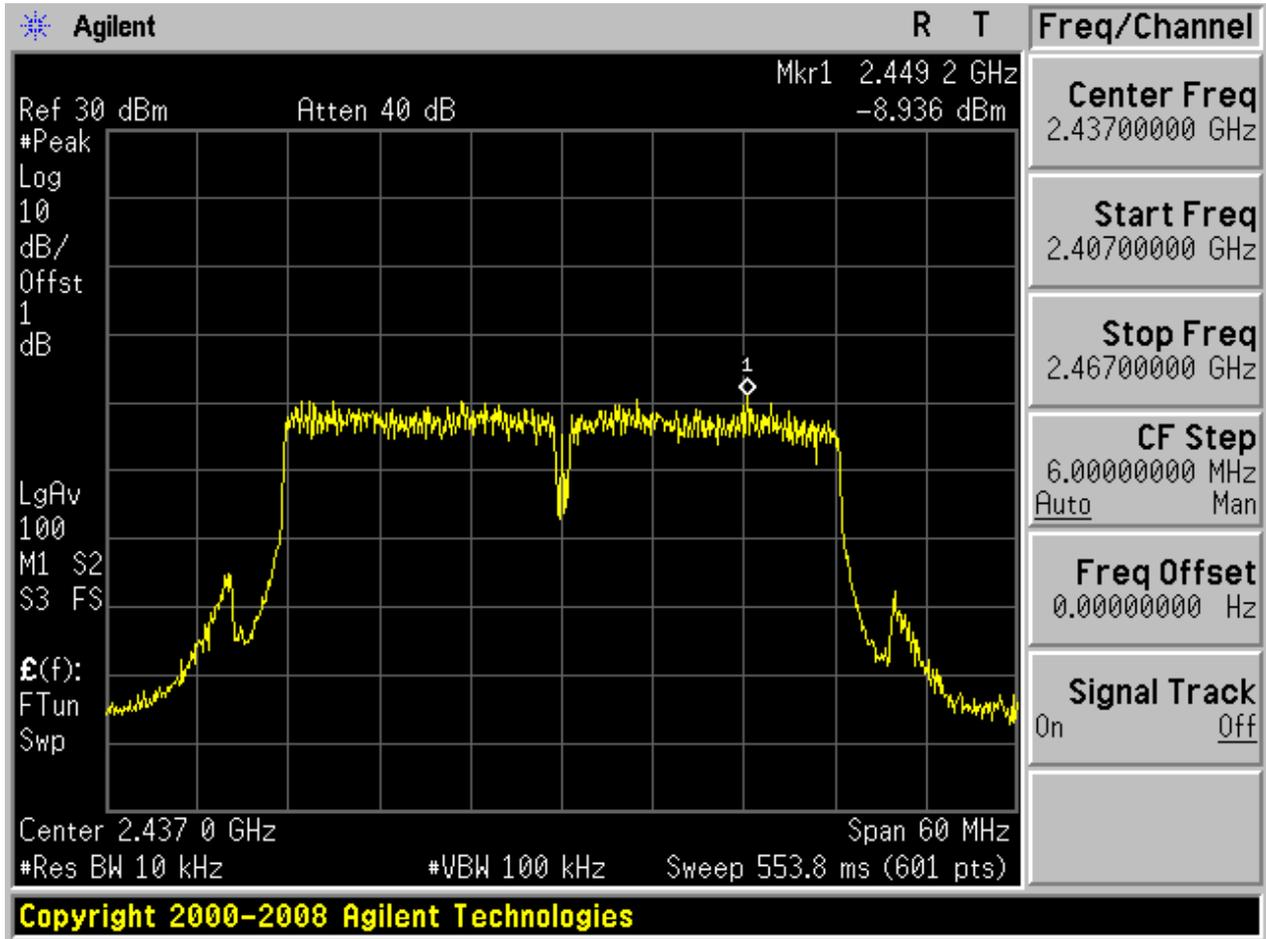




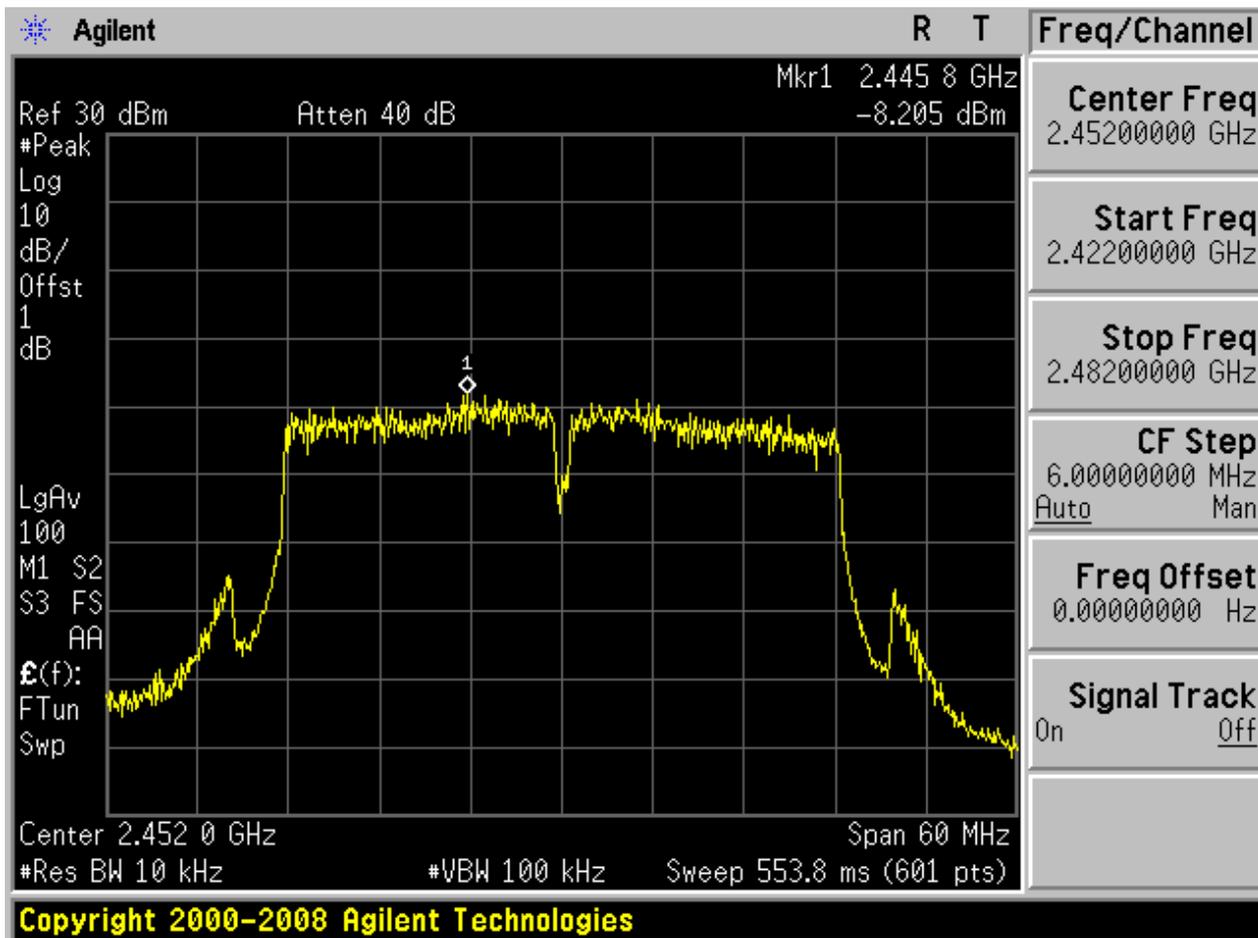
### 2.27 11N40\_M@Ant 1



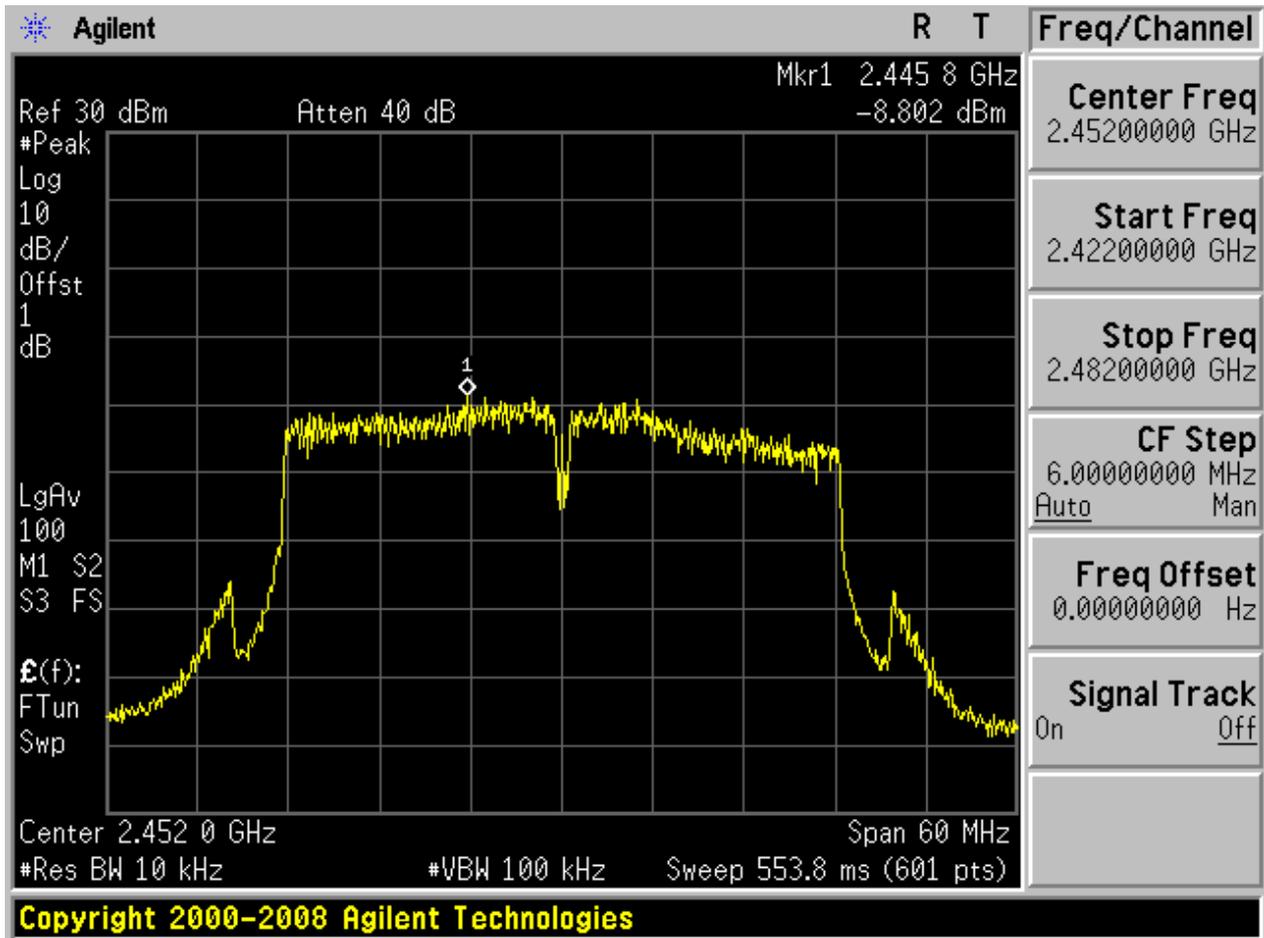
2.28 11N40\_M@Ant 2



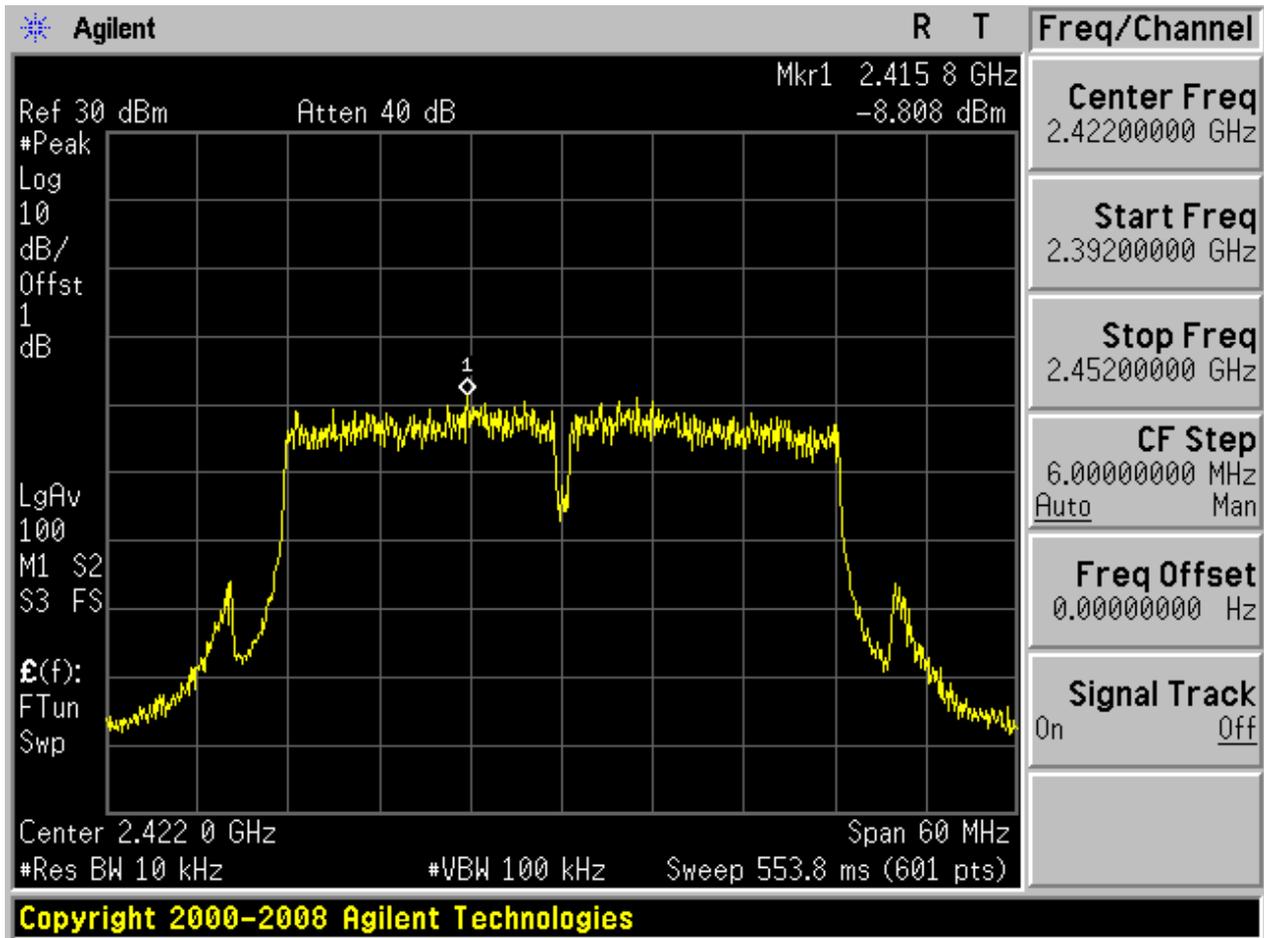
### 2.29 11N40\_H@Ant 1



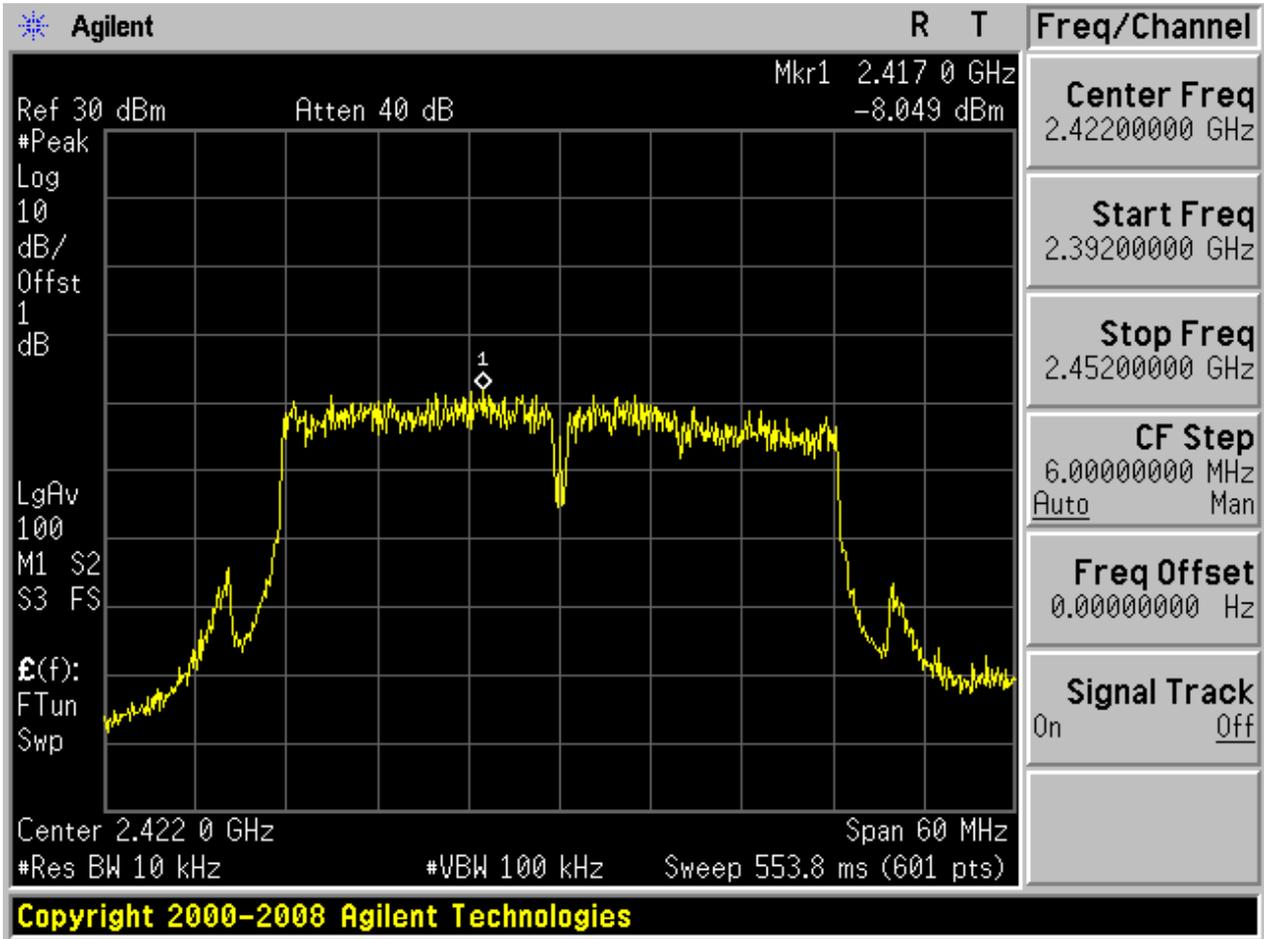
### 2.30 11N40\_H@Ant 2



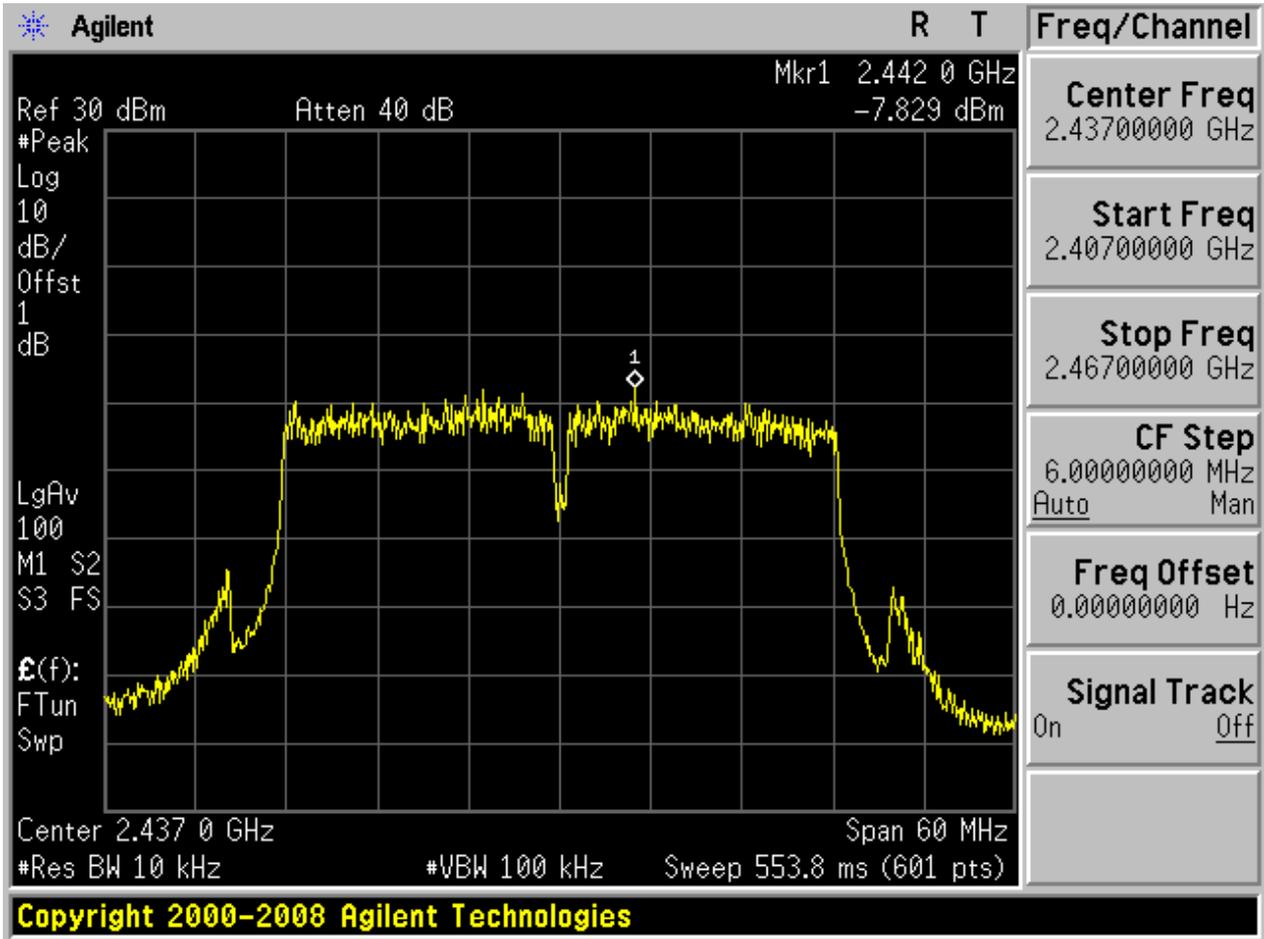
## 2.31 11N40m\_L@Ant 1



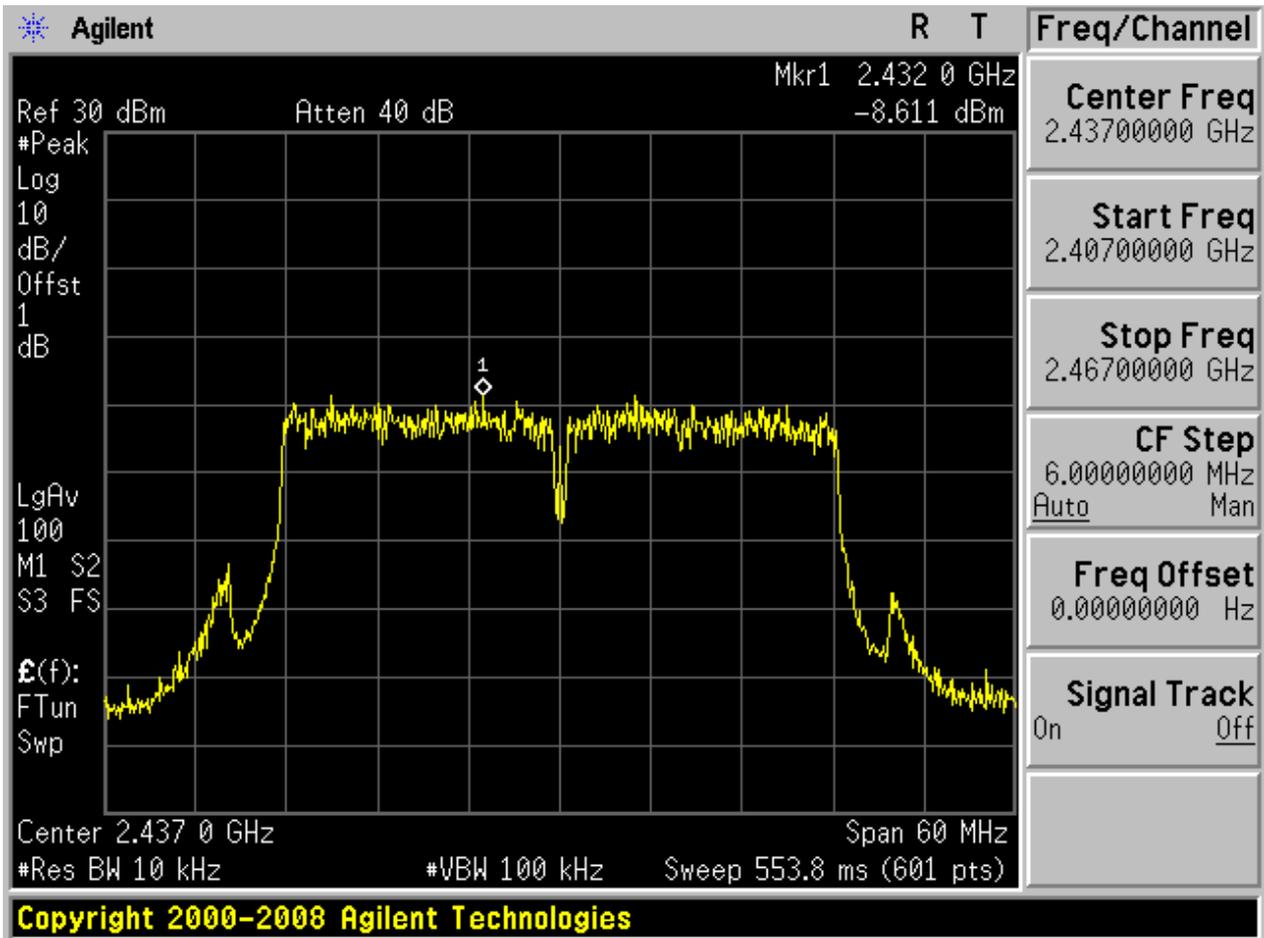
### 2.32 11N40m\_L@Ant 2



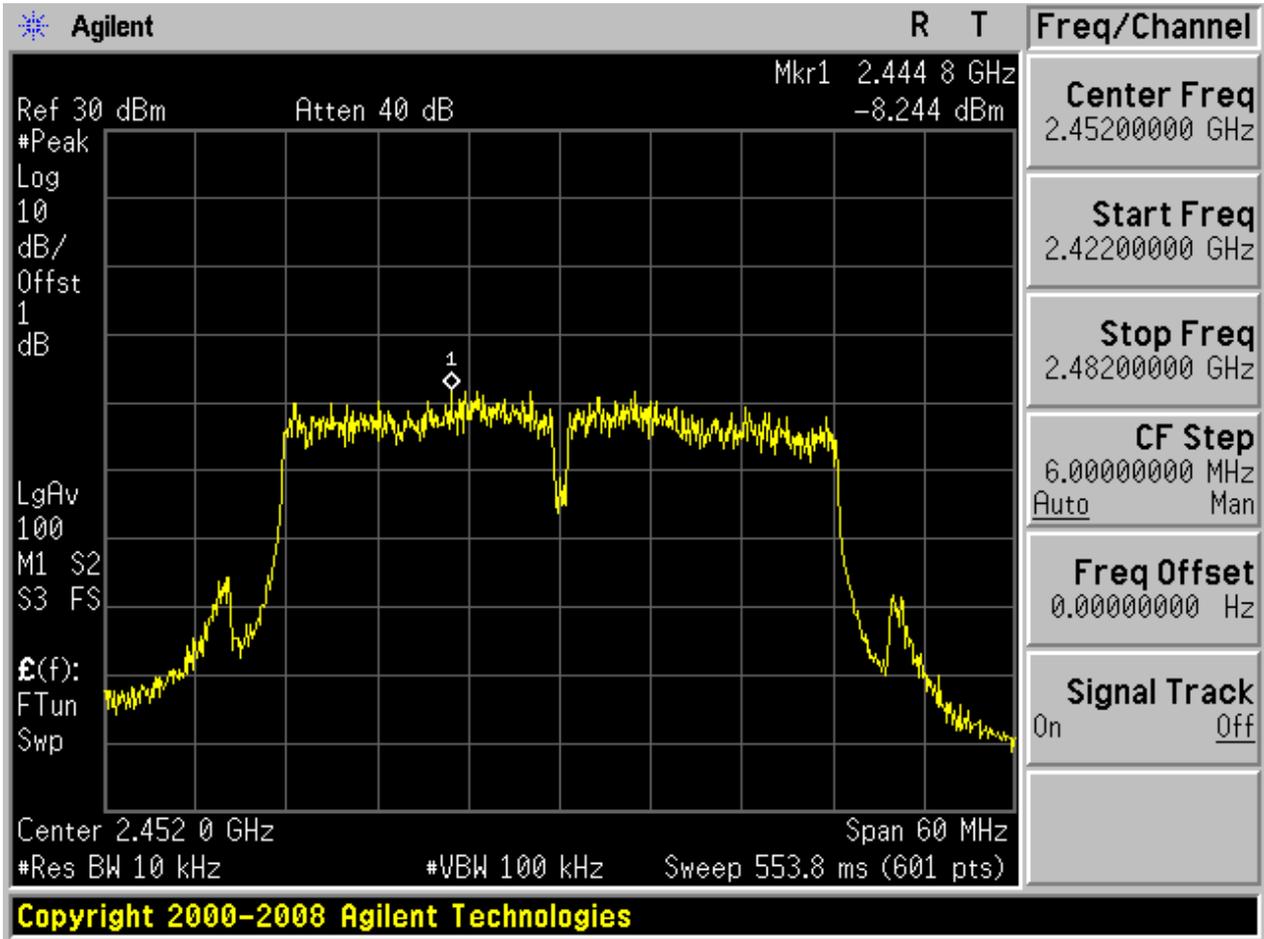
### 2.33 11N40m\_M@Ant 1



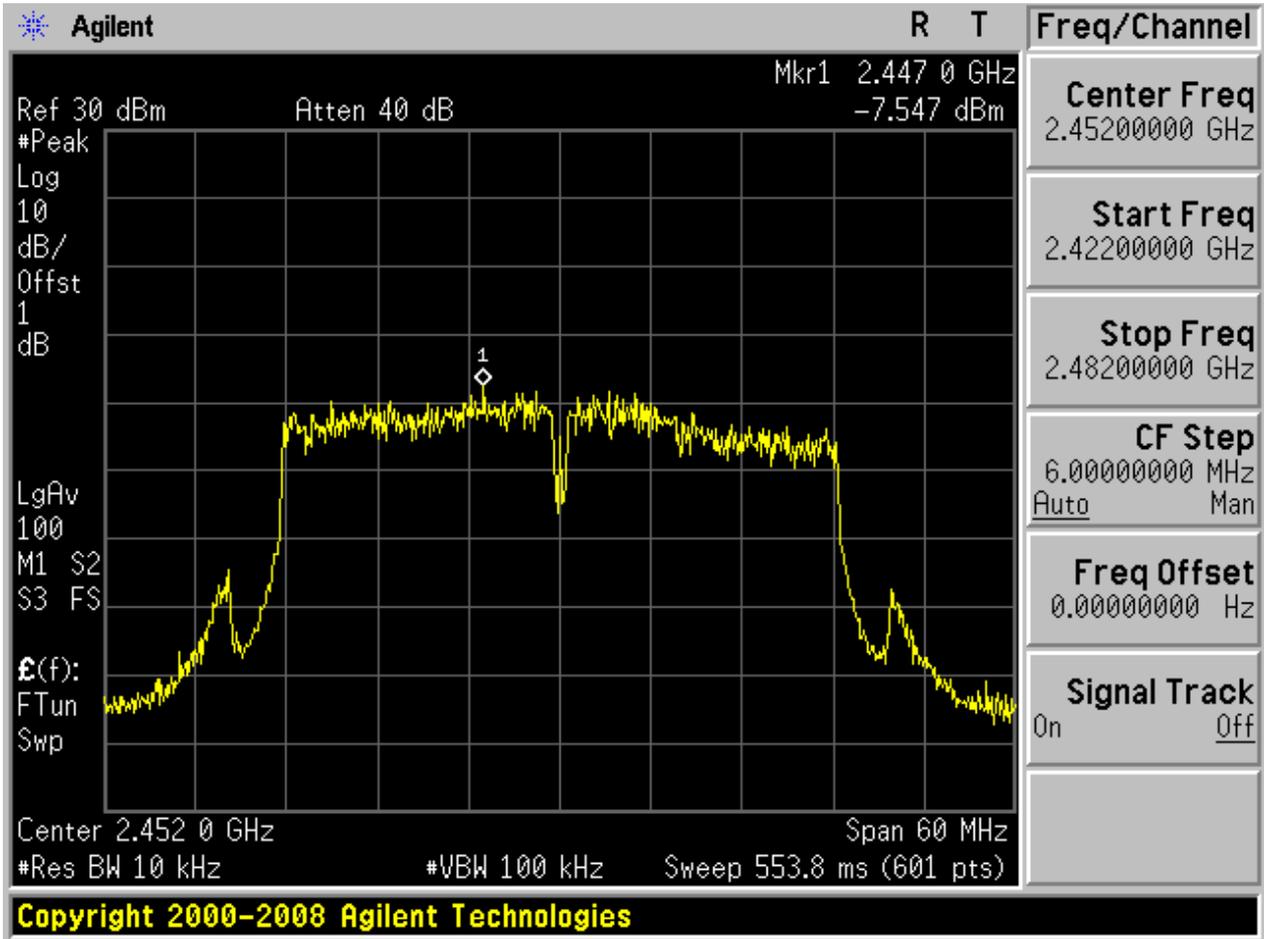
### 2.34 11N40m\_M@Ant 2



### 2.35 11N40m\_H@Ant 1



2.36 11N40m\_H@Ant 2



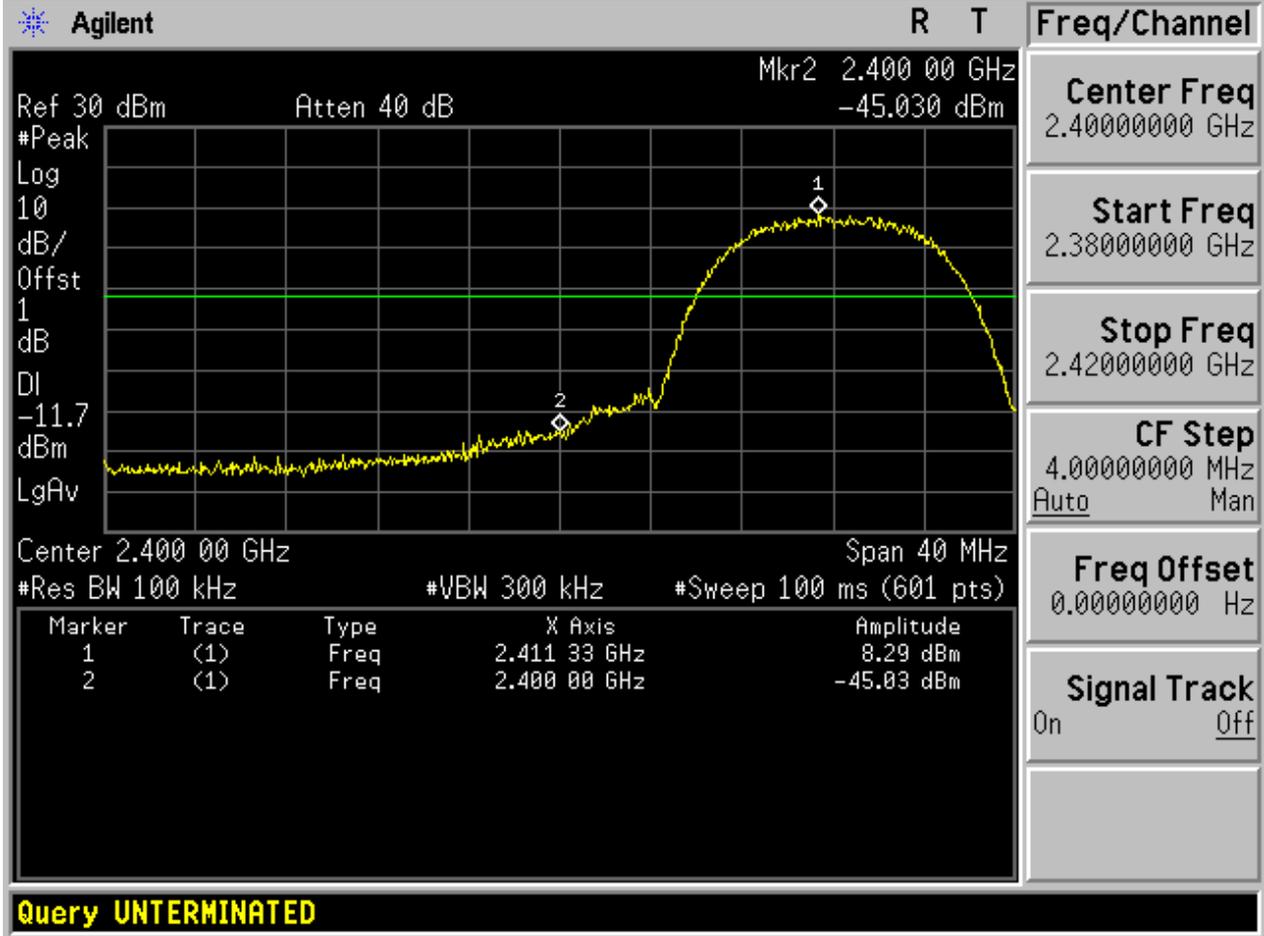
## Appendix D: Band Edges Compliance

### Part I - Test Results

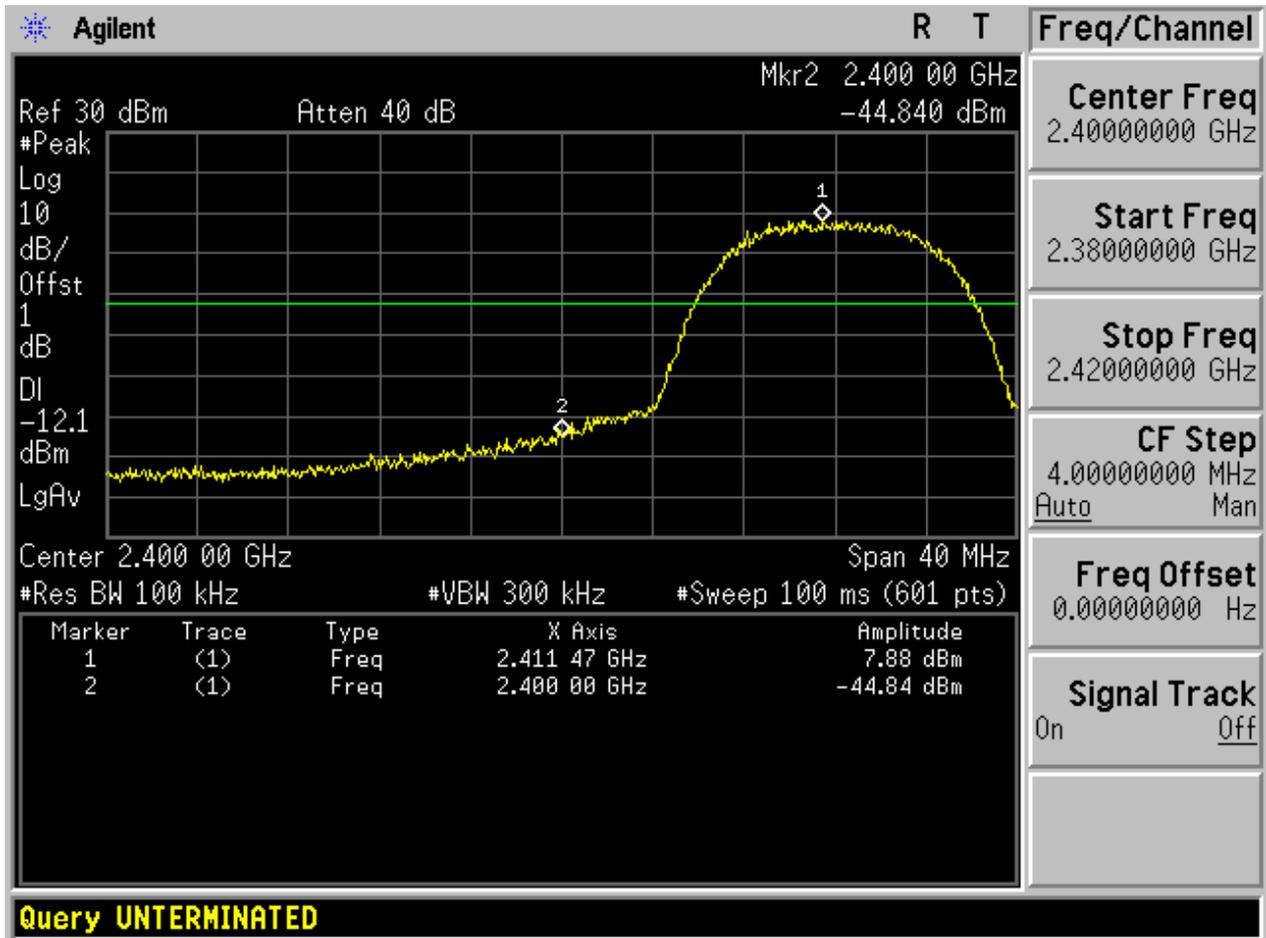
Test Mode	Test Channel	Frequency[MHz]	Ant	Carrier Power[dBm]	Max.Spurious Level[dBm]	Verdict
11B	L	2412	Ant 1	8.29	-45.03	pass
11B	L	2412	Ant 2	7.88	-44.84	pass
11B	H	2462	Ant 1	9.26	-51.37	pass
11B	H	2462	Ant 2	7.32	-52.84	pass
11G	L	2412	Ant 1	4.83	-32.37	pass
11G	L	2412	Ant 2	4.94	-43.09	pass
11G	H	2462	Ant 1	5.69	-46.76	pass
11G	H	2462	Ant 2	5.21	-45.49	pass
11N20	L	2412	Ant 1	2.04	-35.30	pass
11N20	L	2412	Ant 2	1.88	-34.13	pass
11N20	H	2462	Ant 1	2.82	-51.84	pass
11N20	H	2462	Ant 2	2.74	-50.67	pass
11N20m	L	2412	Ant 1	2.29	-35.09	pass
11N20m	L	2412	Ant 2	2.62	-34.93	pass
11N20m	H	2462	Ant 1	3.02	-51.18	pass
11N20m	H	2462	Ant 2	2.91	-47.62	pass
11N40	L	2422	Ant 1	-0.14	-31.31	pass
11N40	L	2422	Ant 2	0.52	-30.56	pass
11N40	H	2452	Ant 1	0.18	-51.10	pass
11N40	H	2452	Ant 2	-0.14	-49.68	pass
11N40m	L	2422	Ant 1	-0.24	-32.20	pass
11N40m	L	2422	Ant 2	1.77	-29.52	pass
11N40m	H	2452	Ant 1	0.43	-52.77	pass
11N40m	H	2452	Ant 2	0.58	-42.97	pass

## Part II - Test Plots

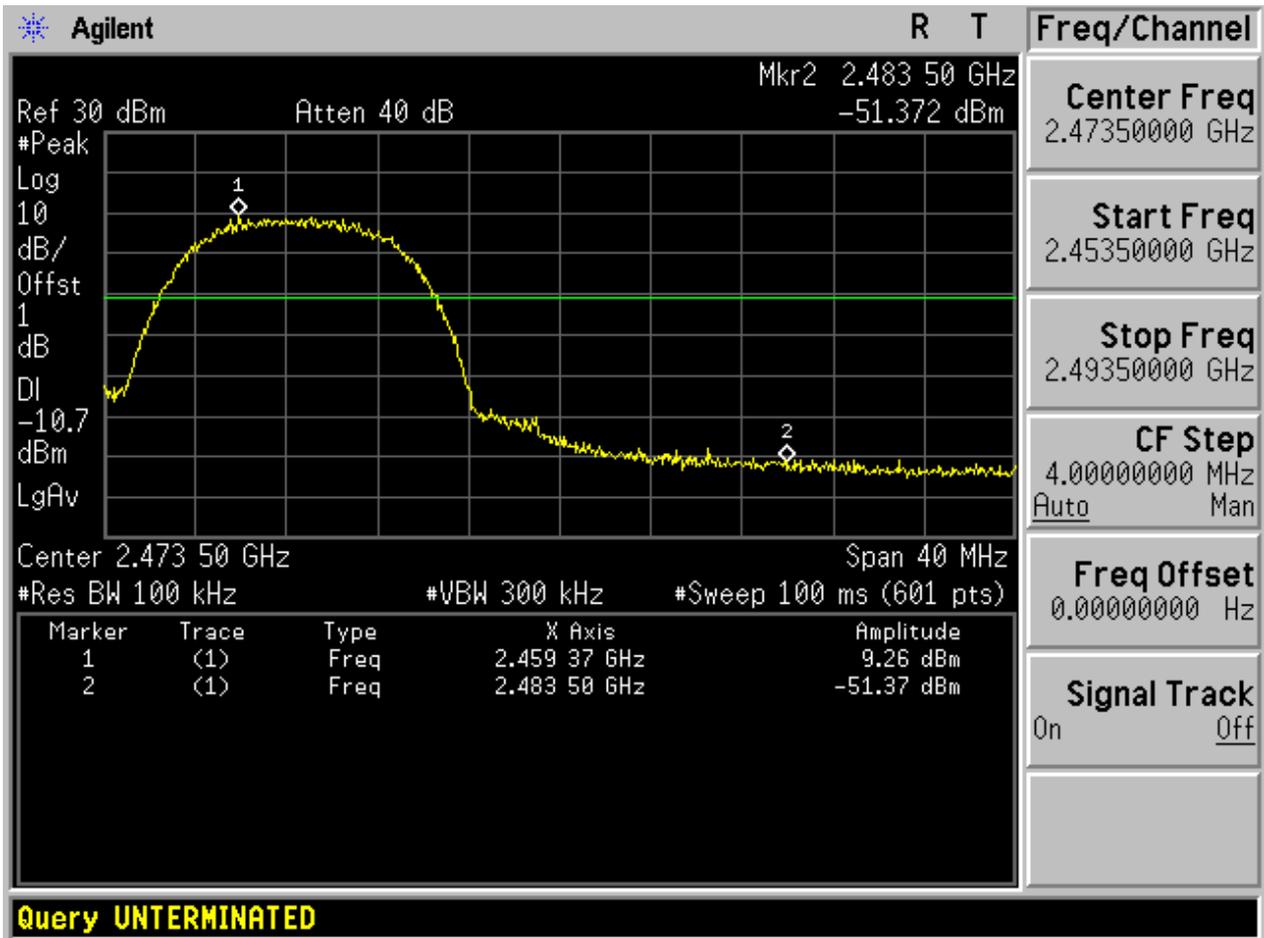
### 2.1 11B\_L@Ant 1



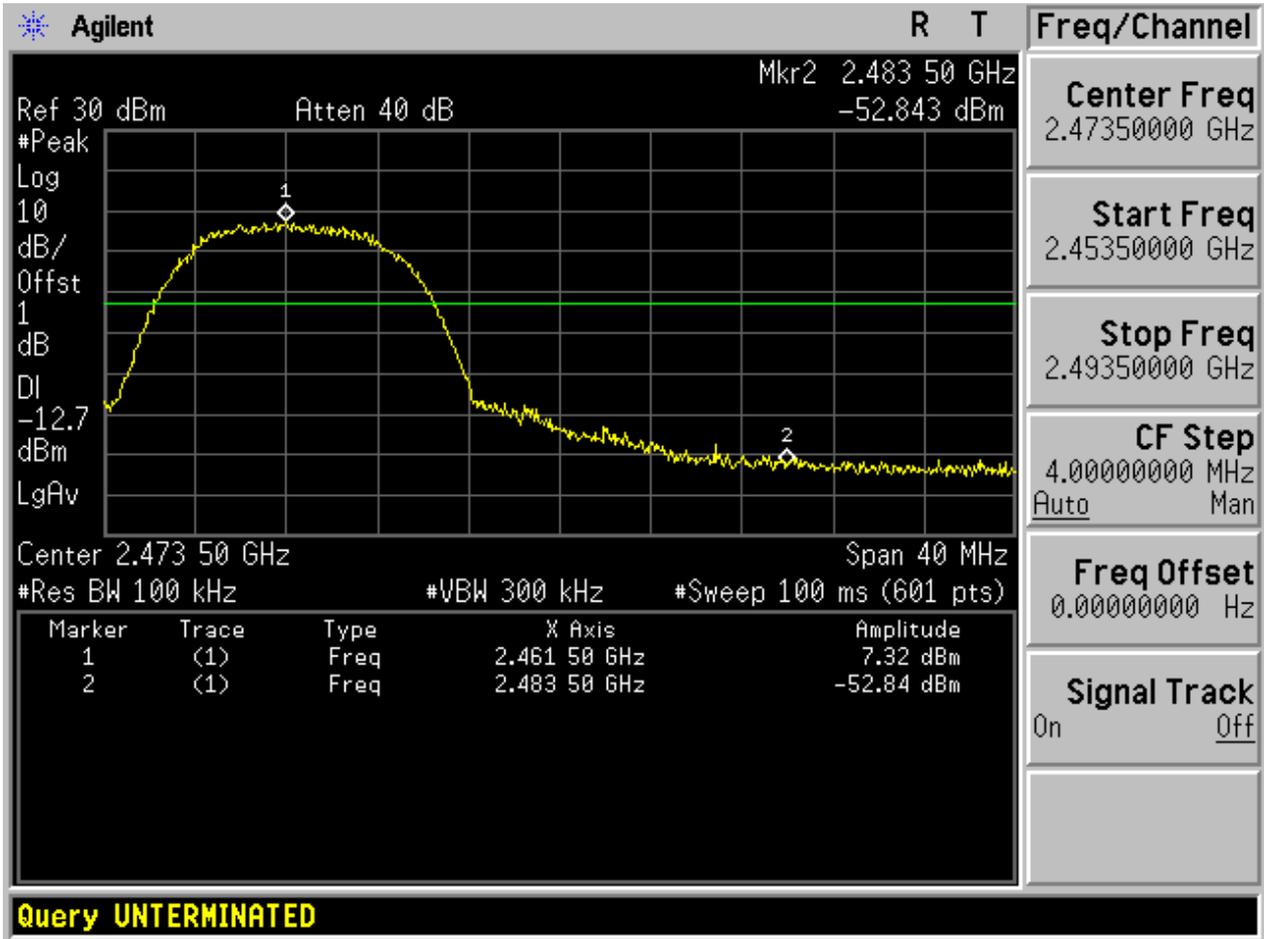
## 2.2 11B\_L@Ant 2



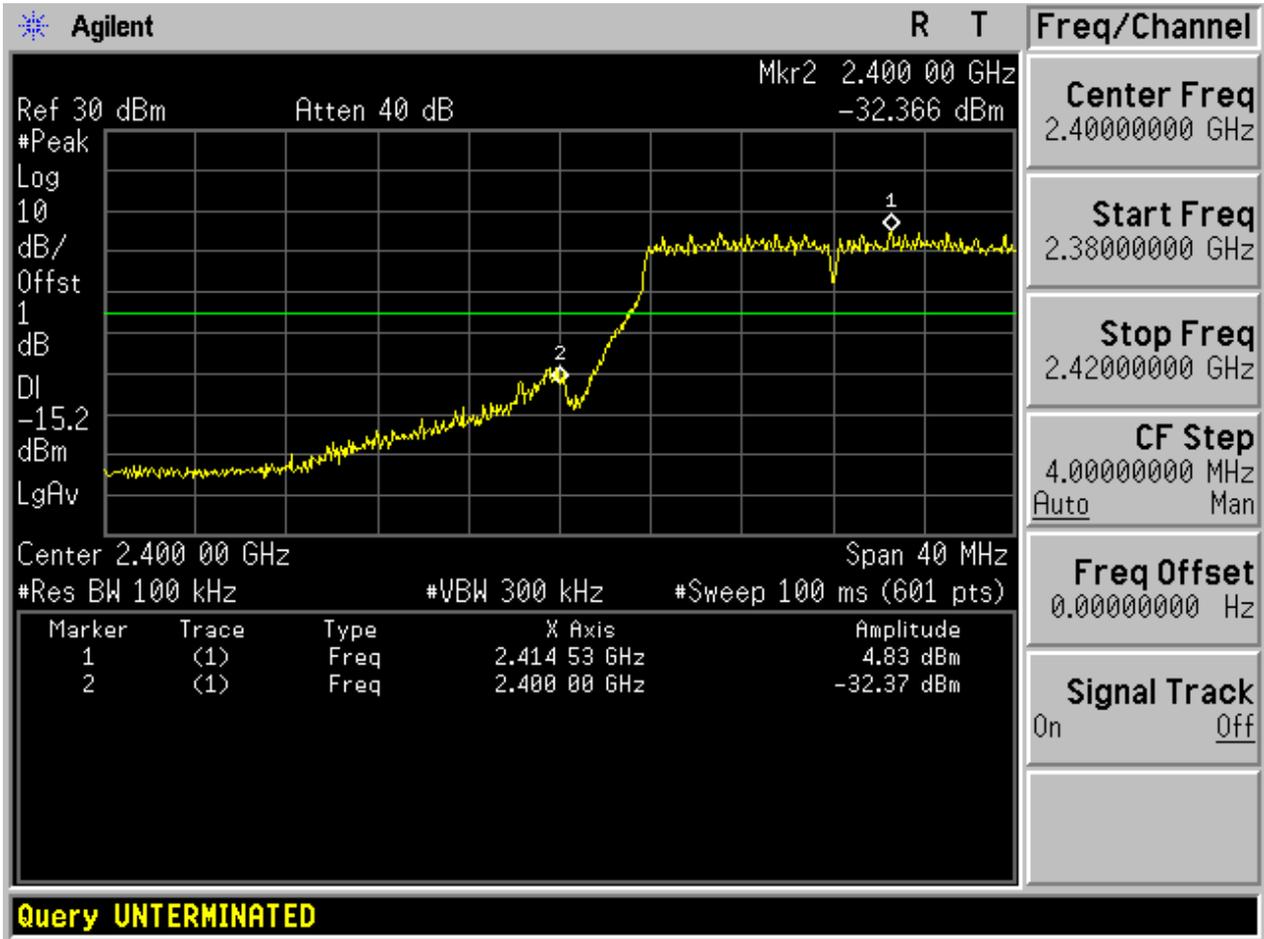
### 2.3 11B\_H@Ant 1



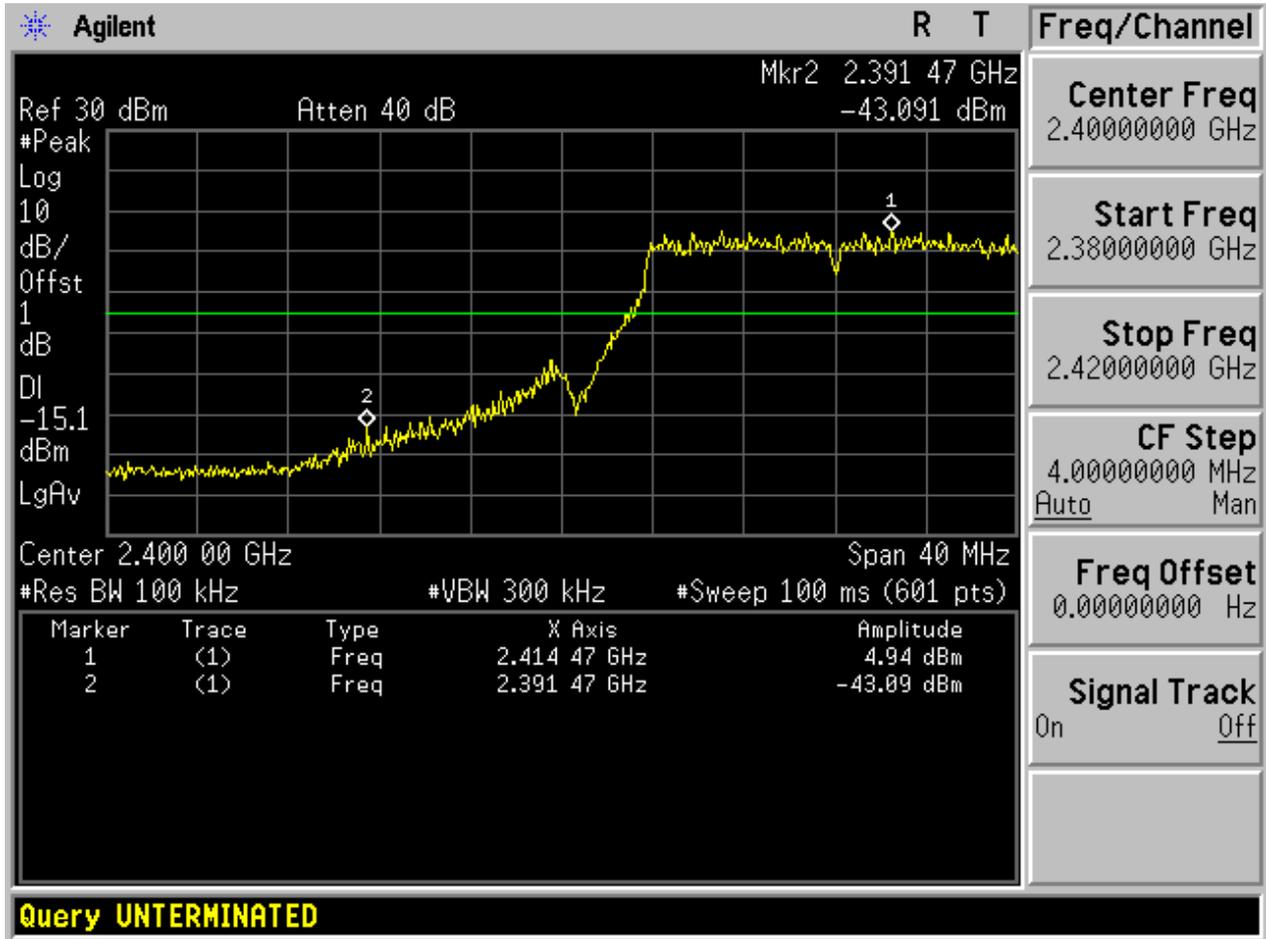
### 2.4 11B\_H@Ant 2



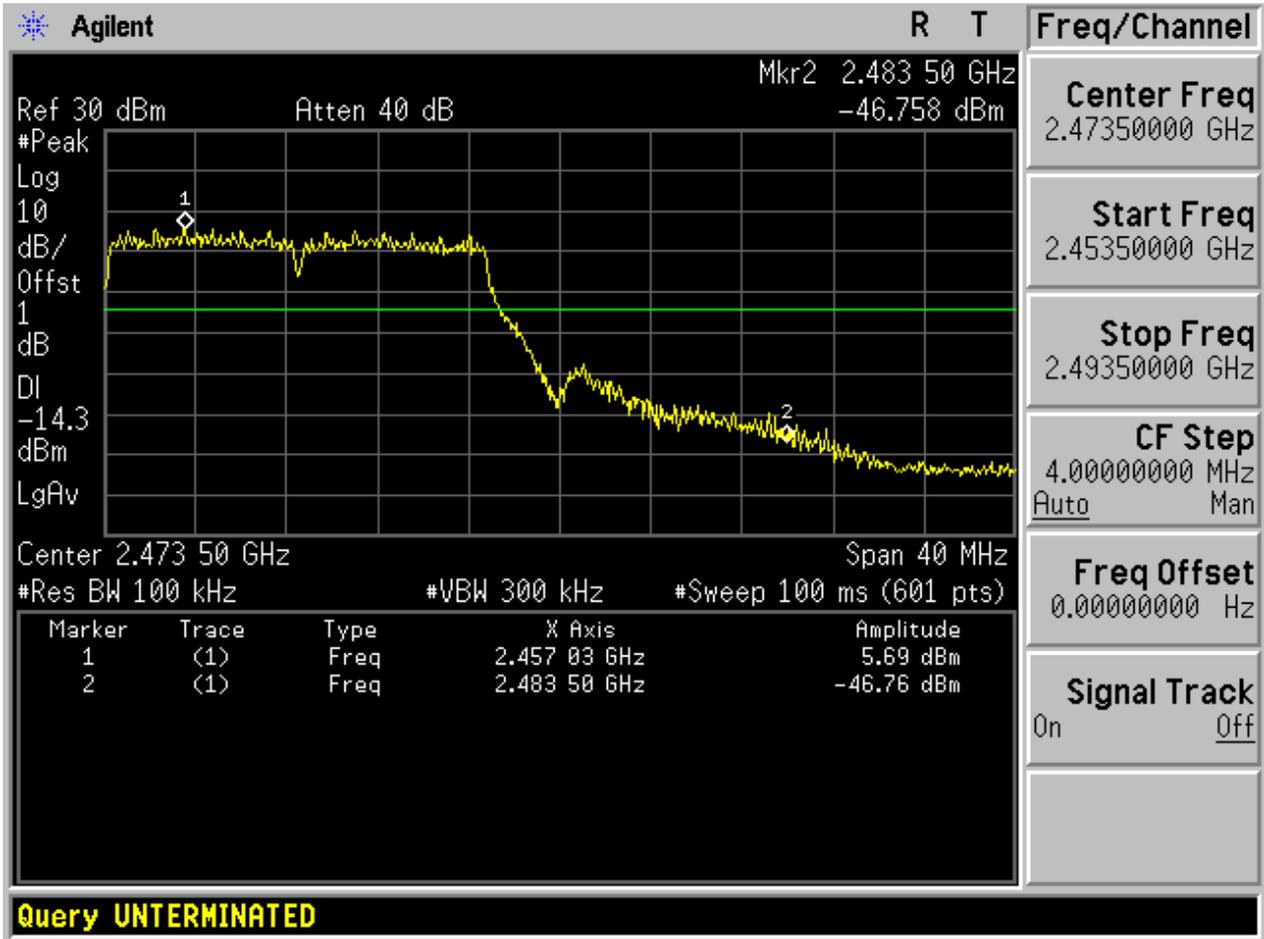
### 2.5 11G\_L@Ant 1



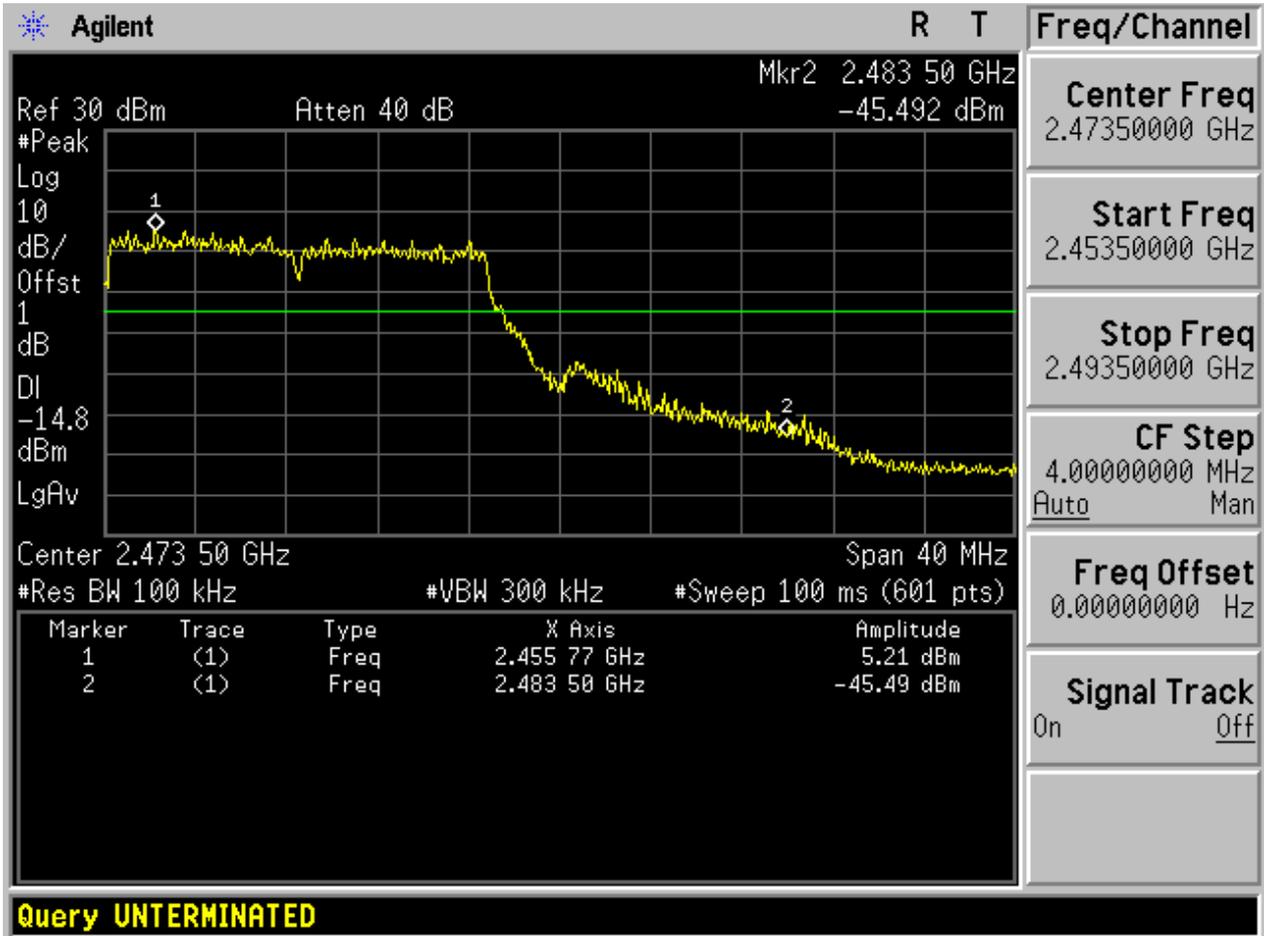
## 2.6 11G\_L@Ant 2



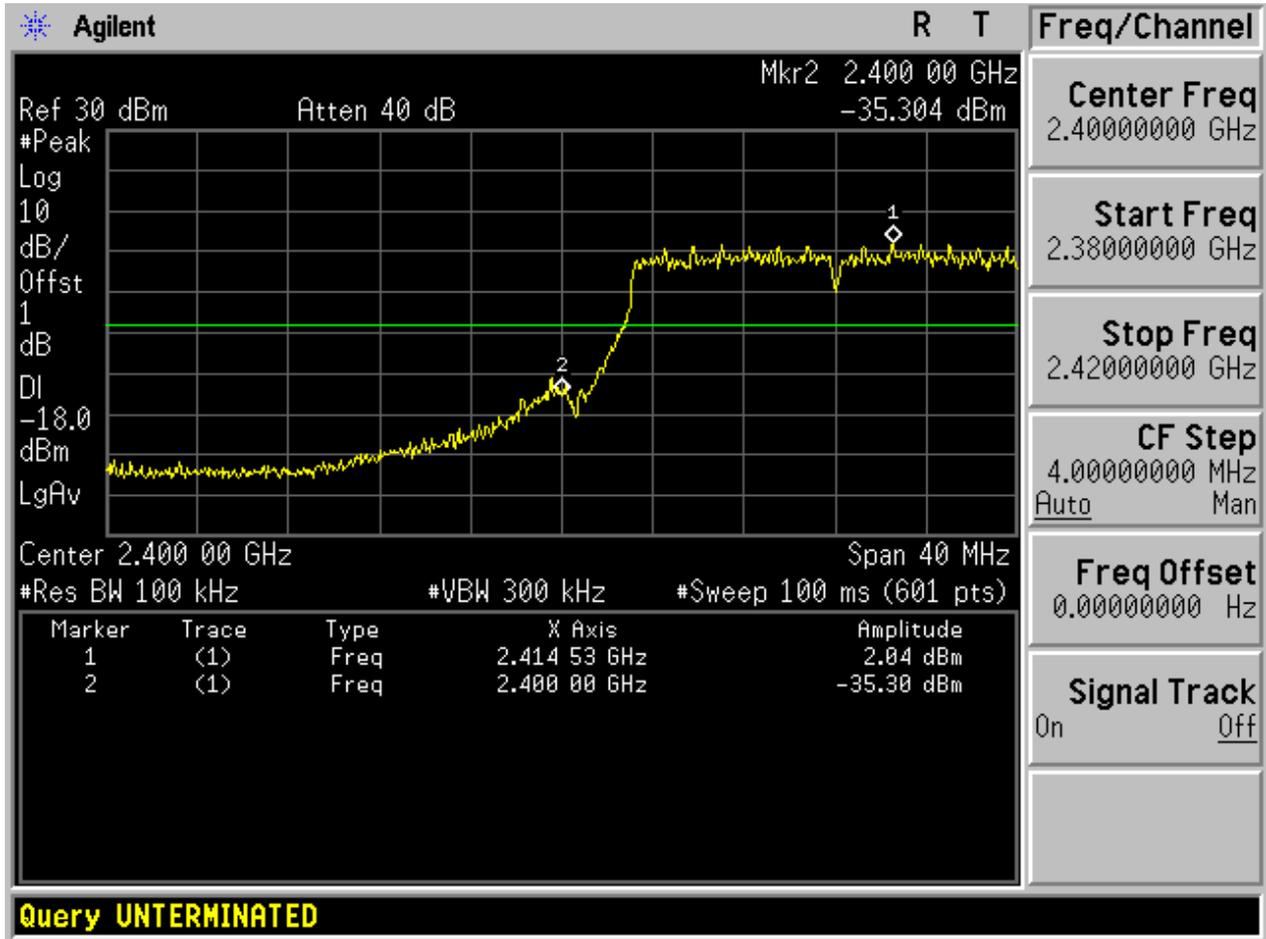
### 2.7 11G\_H@Ant 1



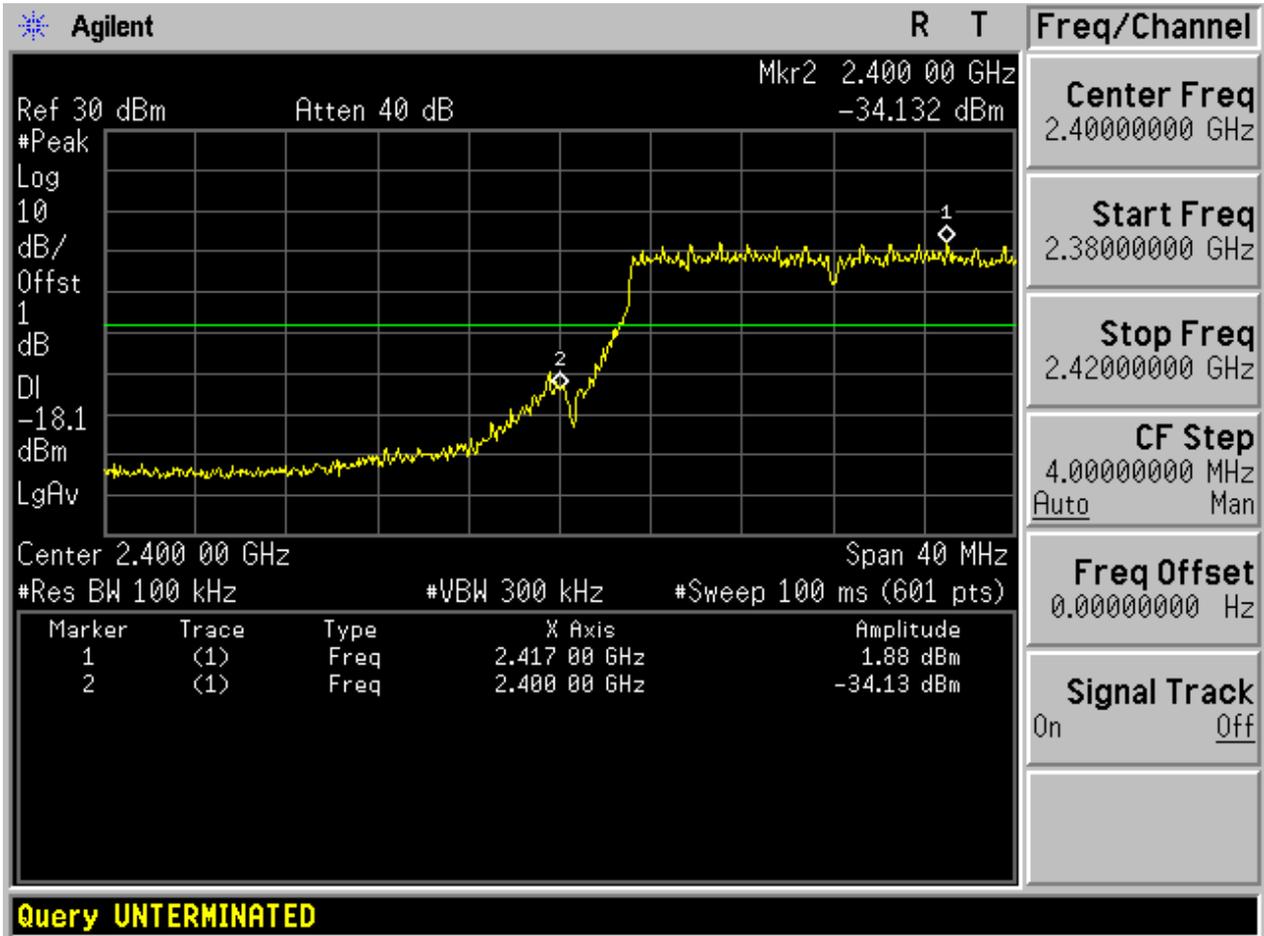
### 2.8 11G\_H@Ant 2



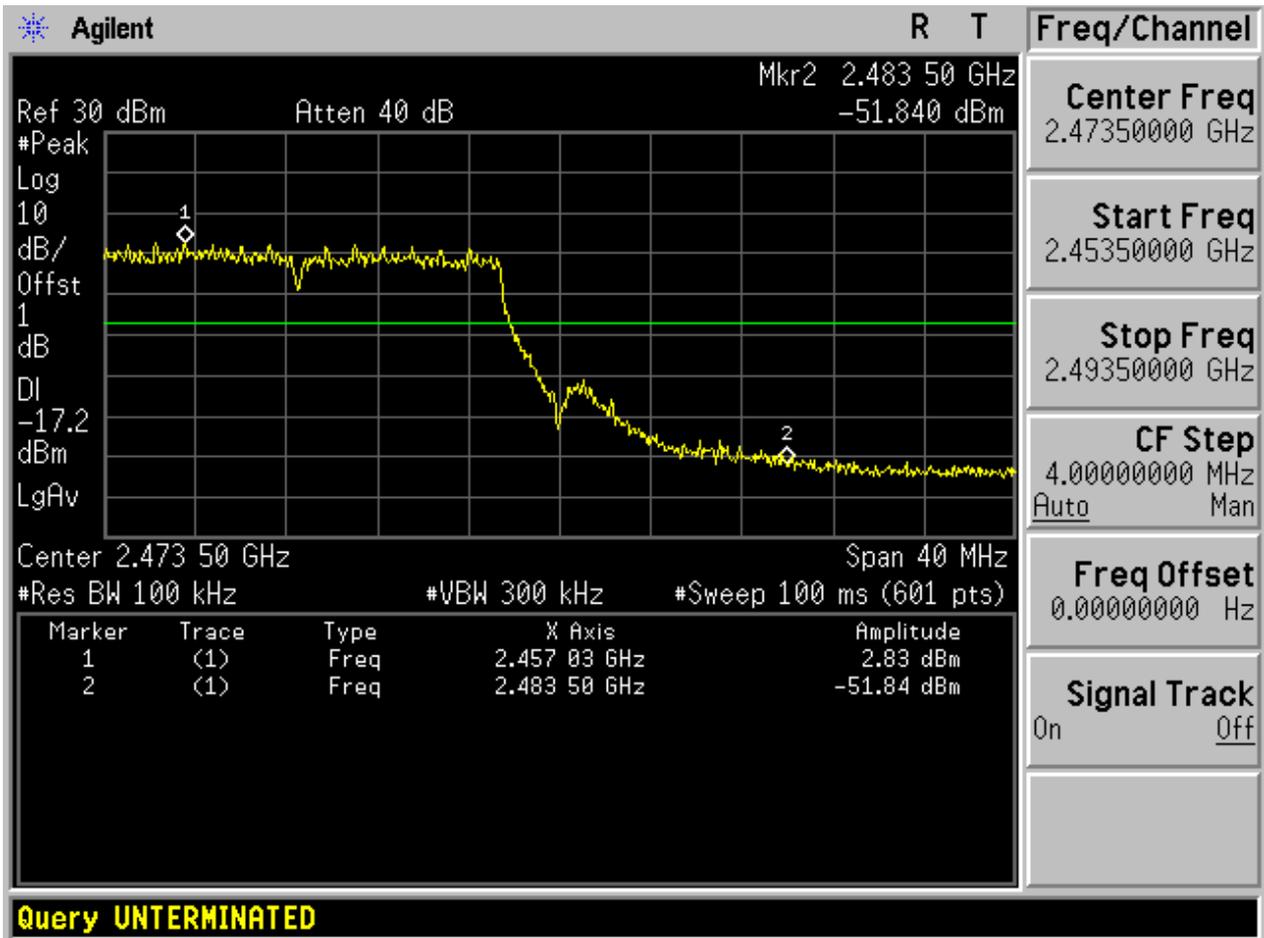
### 2.9 11N20\_L@Ant 1



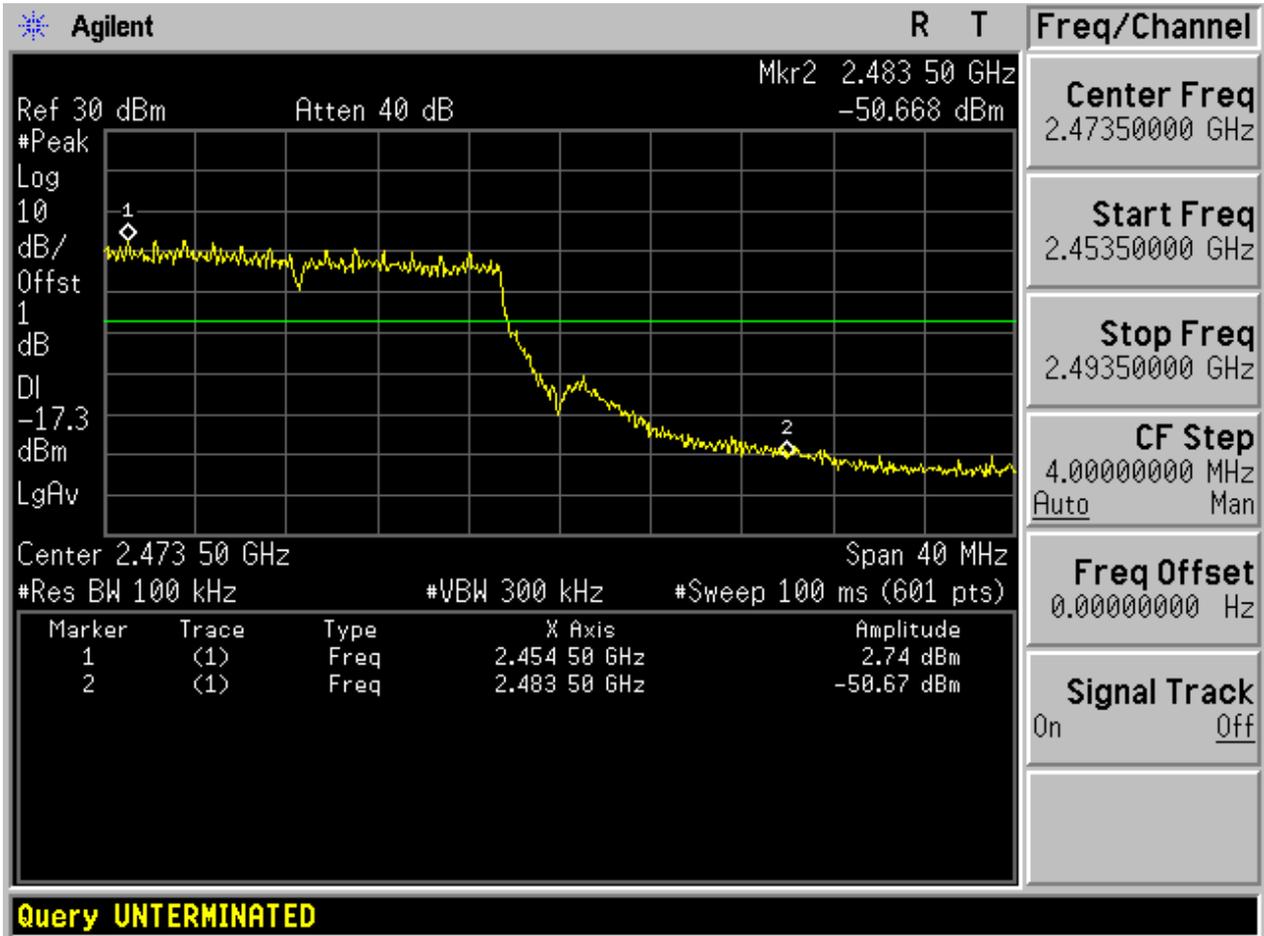
2.10 11N20\_L@Ant 2



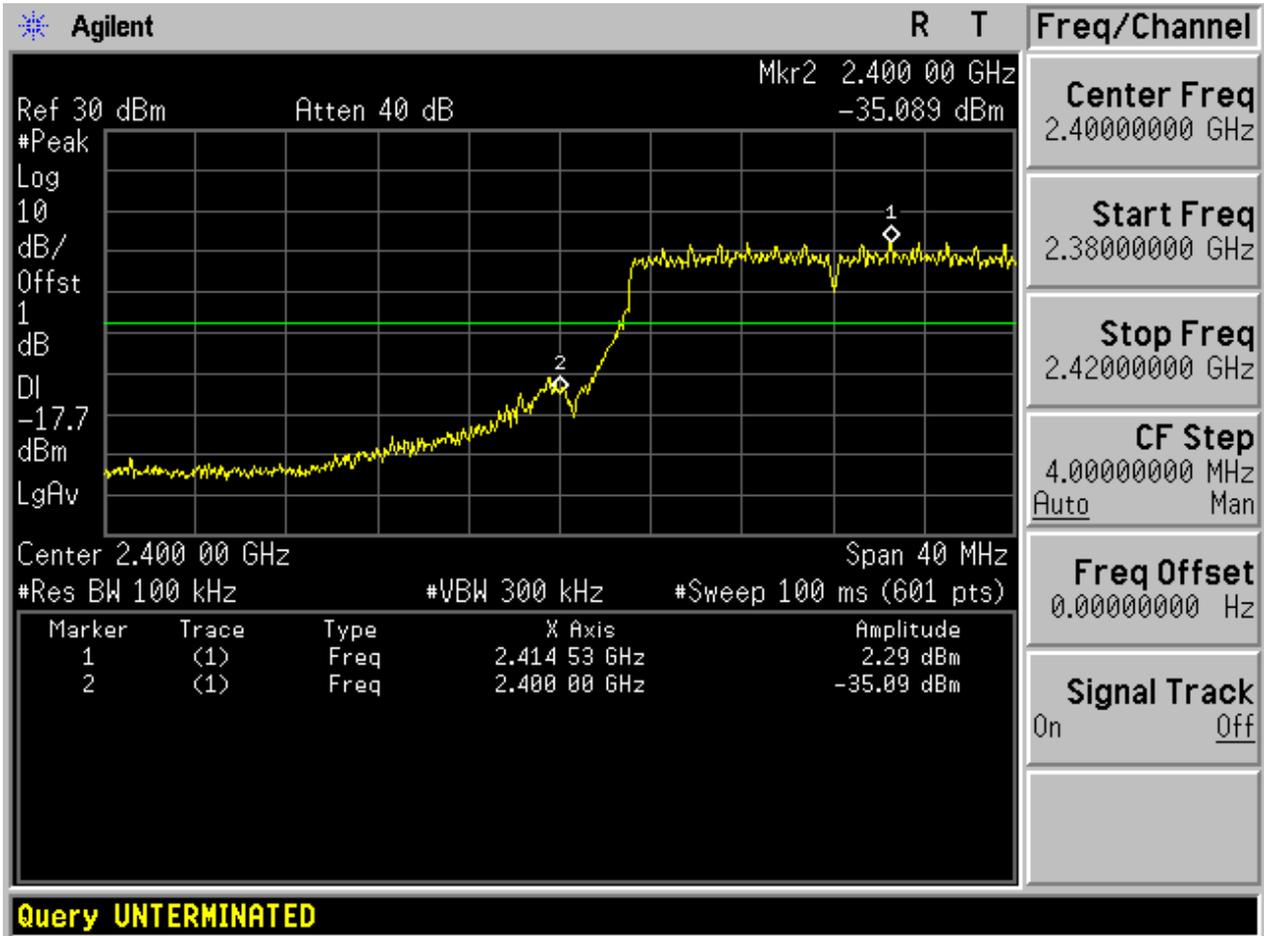
### 2.11 11N20\_H@Ant 1



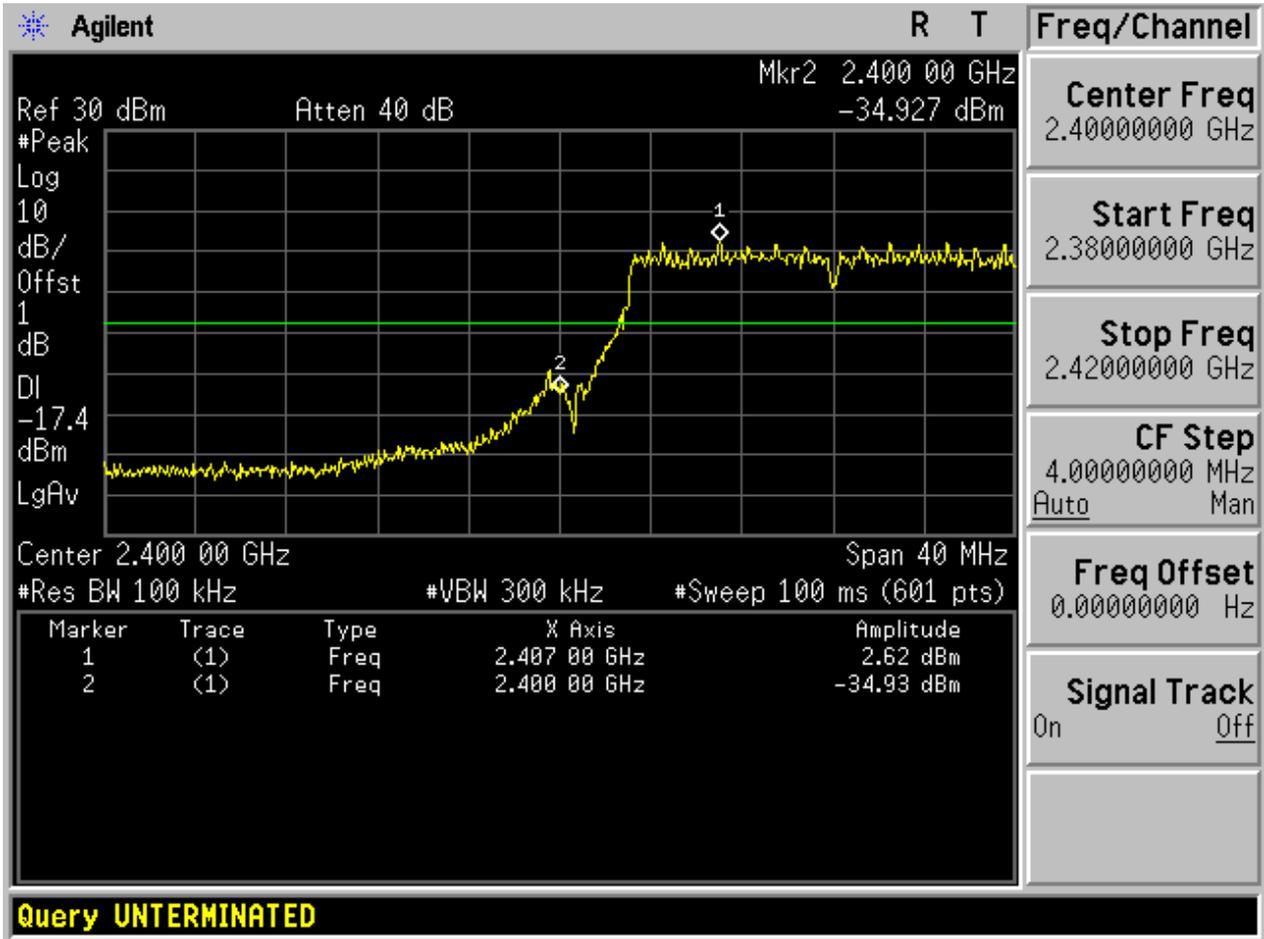
2.12 11N20\_H@Ant 2



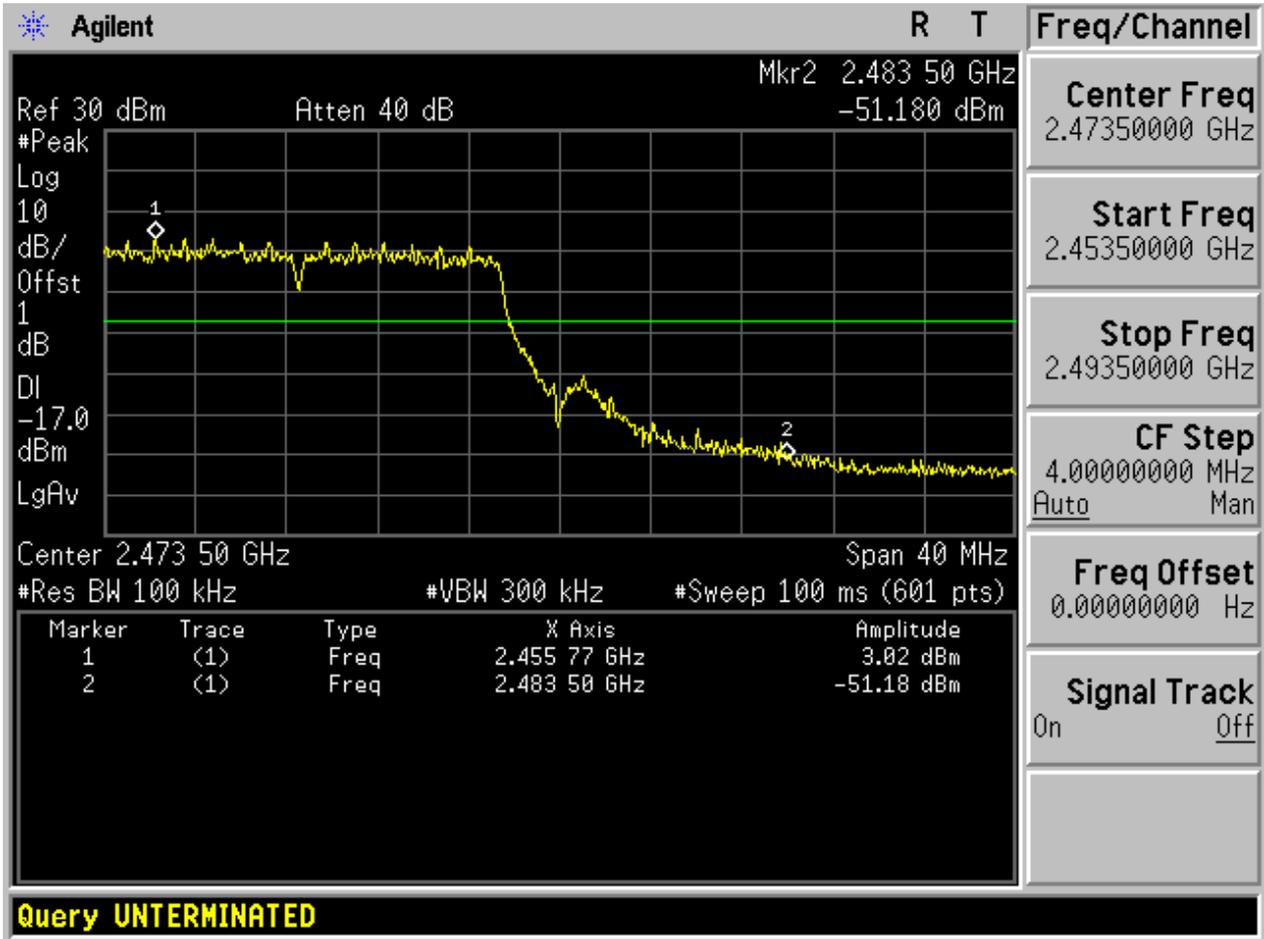
2.13 11N20m\_L@Ant 1



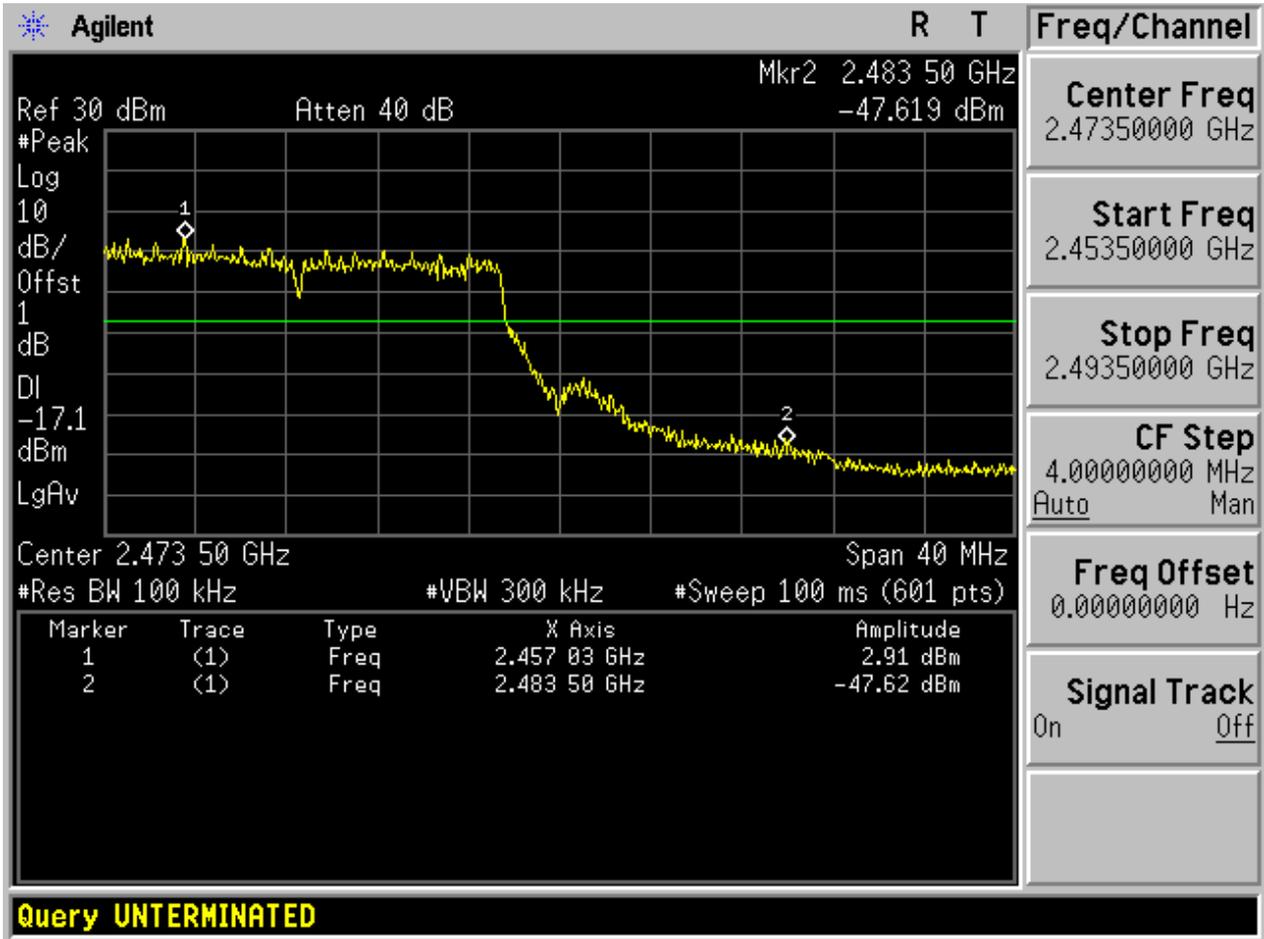
2.14 11N20m\_L@Ant 2



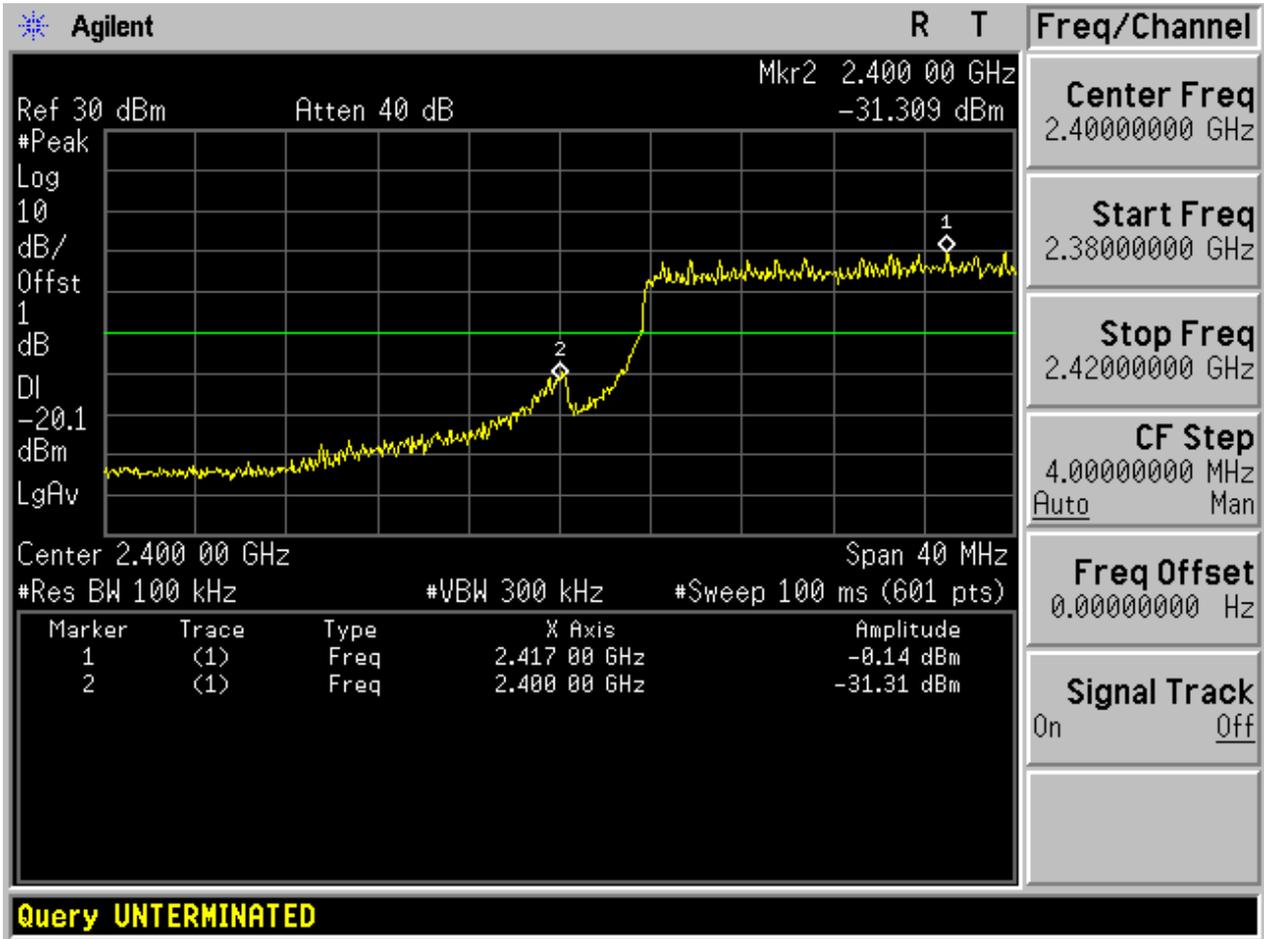
2.15 11N20m\_H@Ant 1



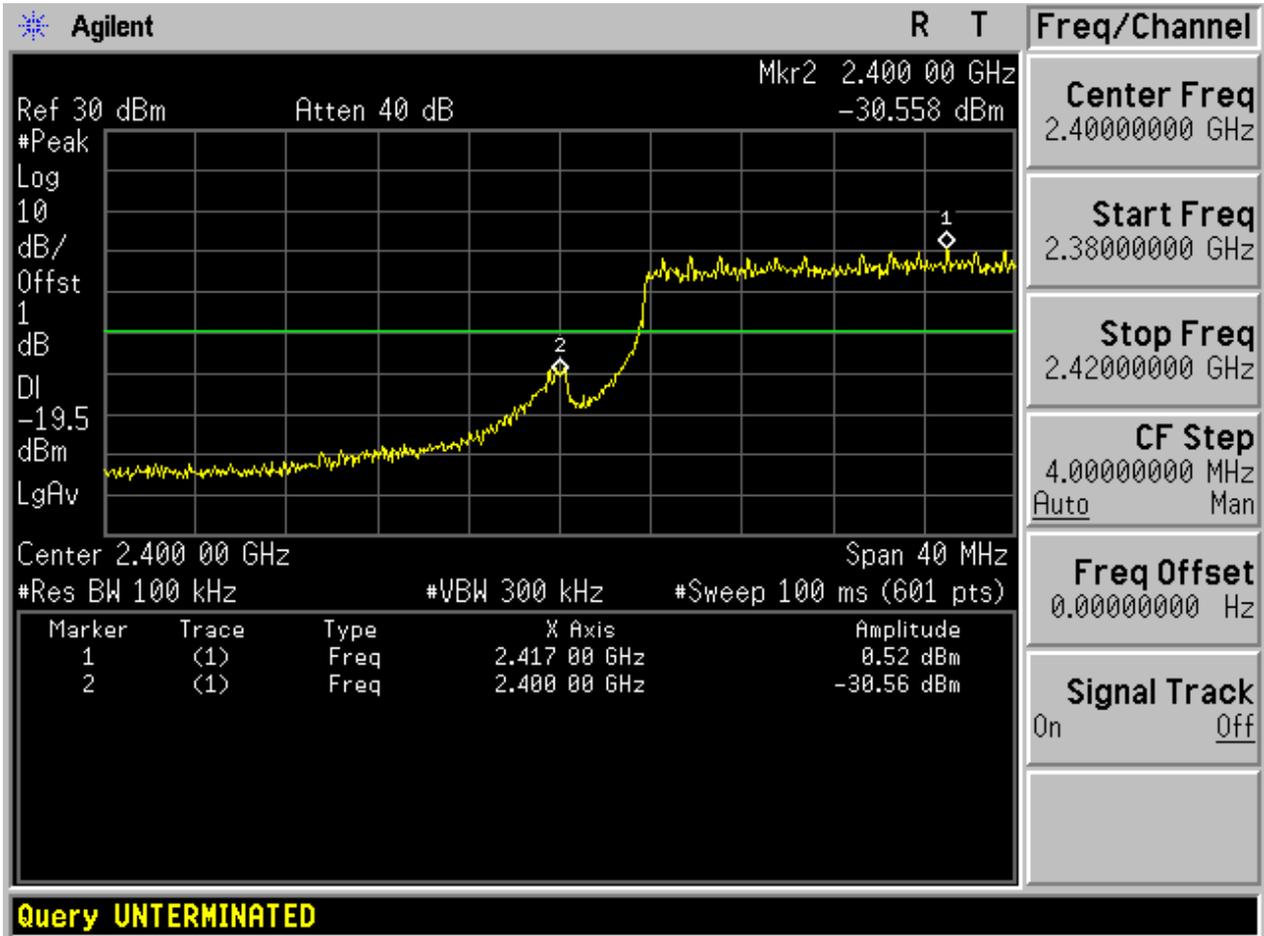
### 2.16 11N20m\_H@Ant 2



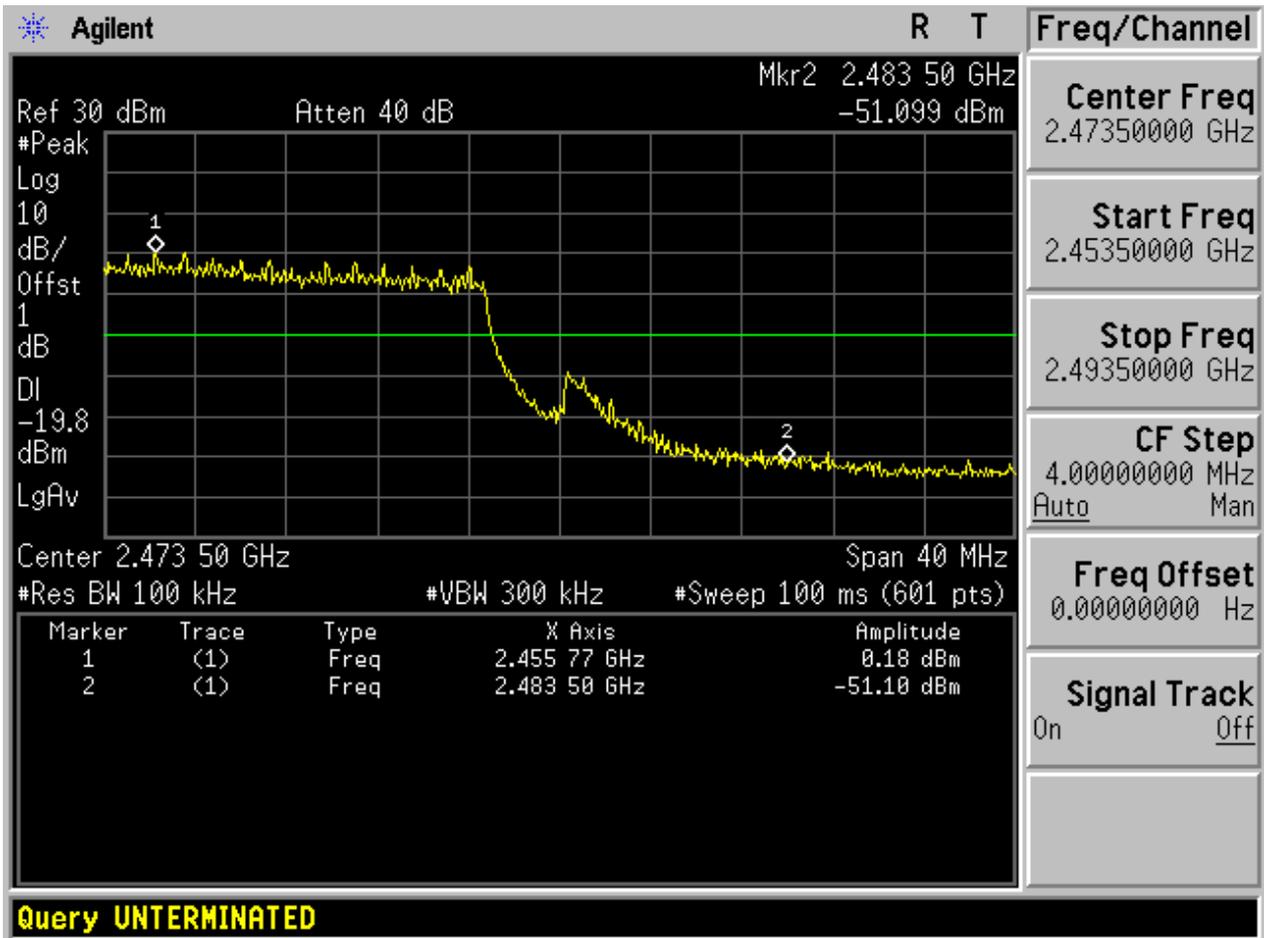
2.17 11N40\_L@Ant 1



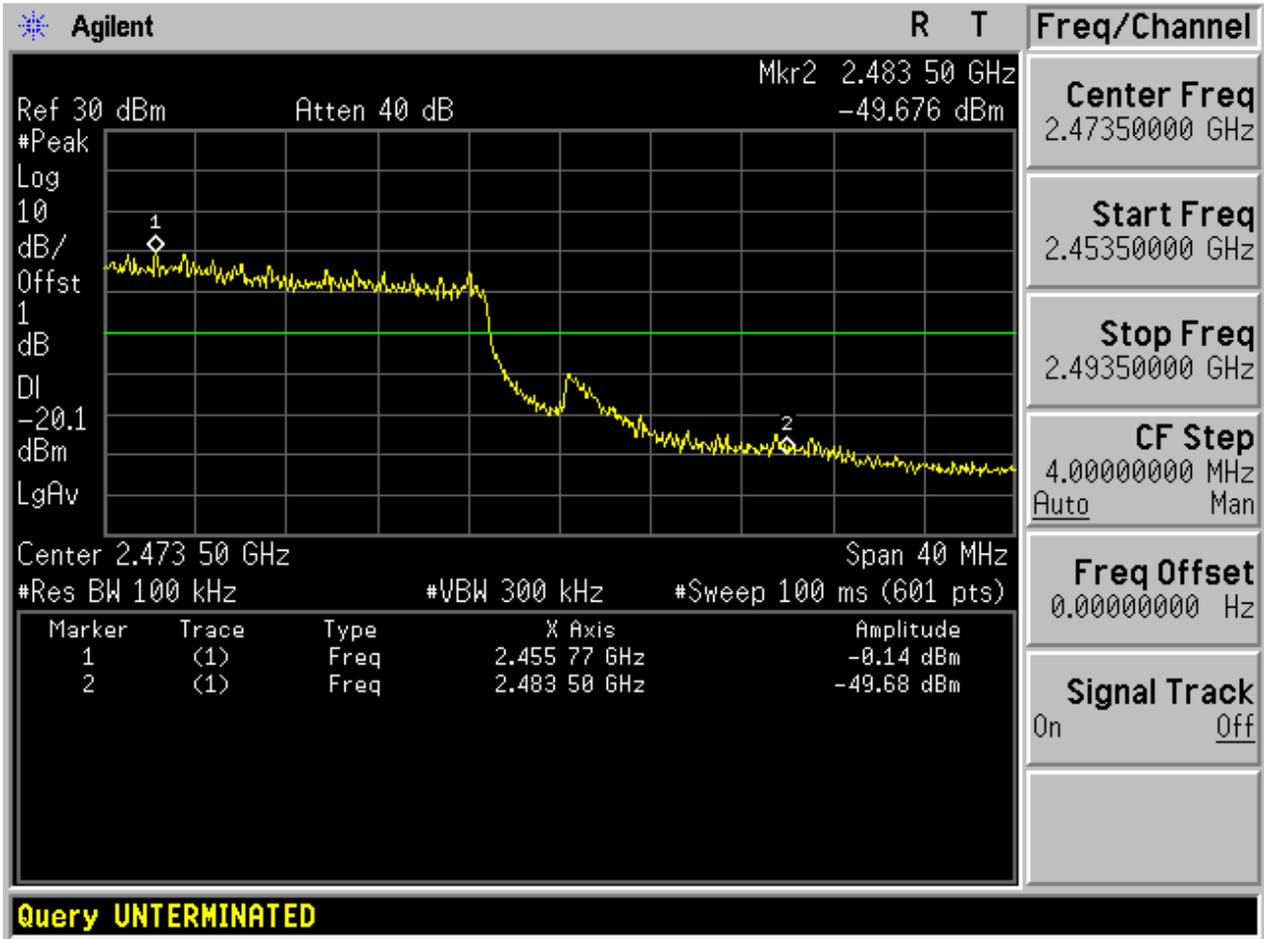
2.18 11N40\_L@Ant 2



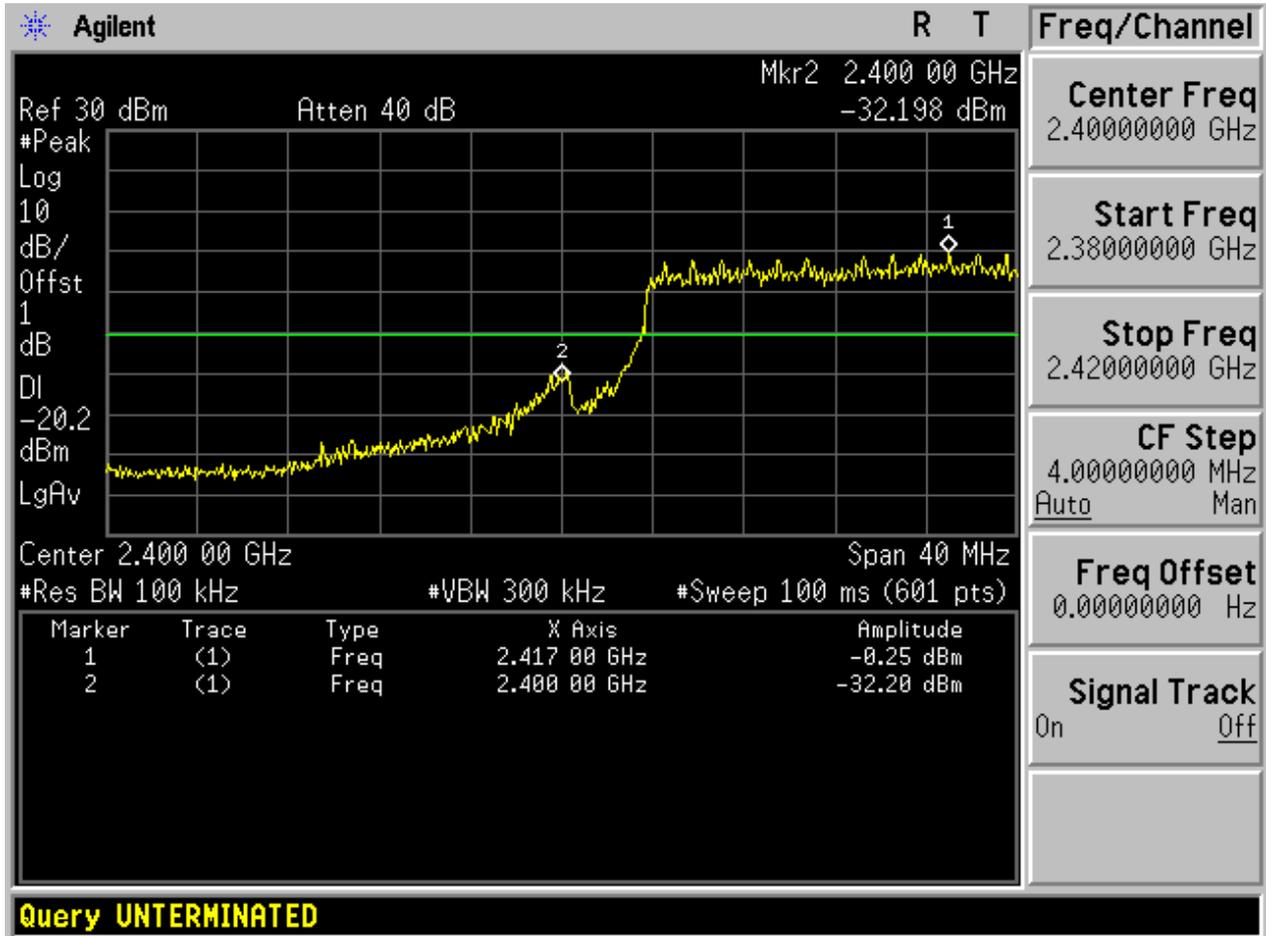
### 2.19 11N40\_H@Ant 1



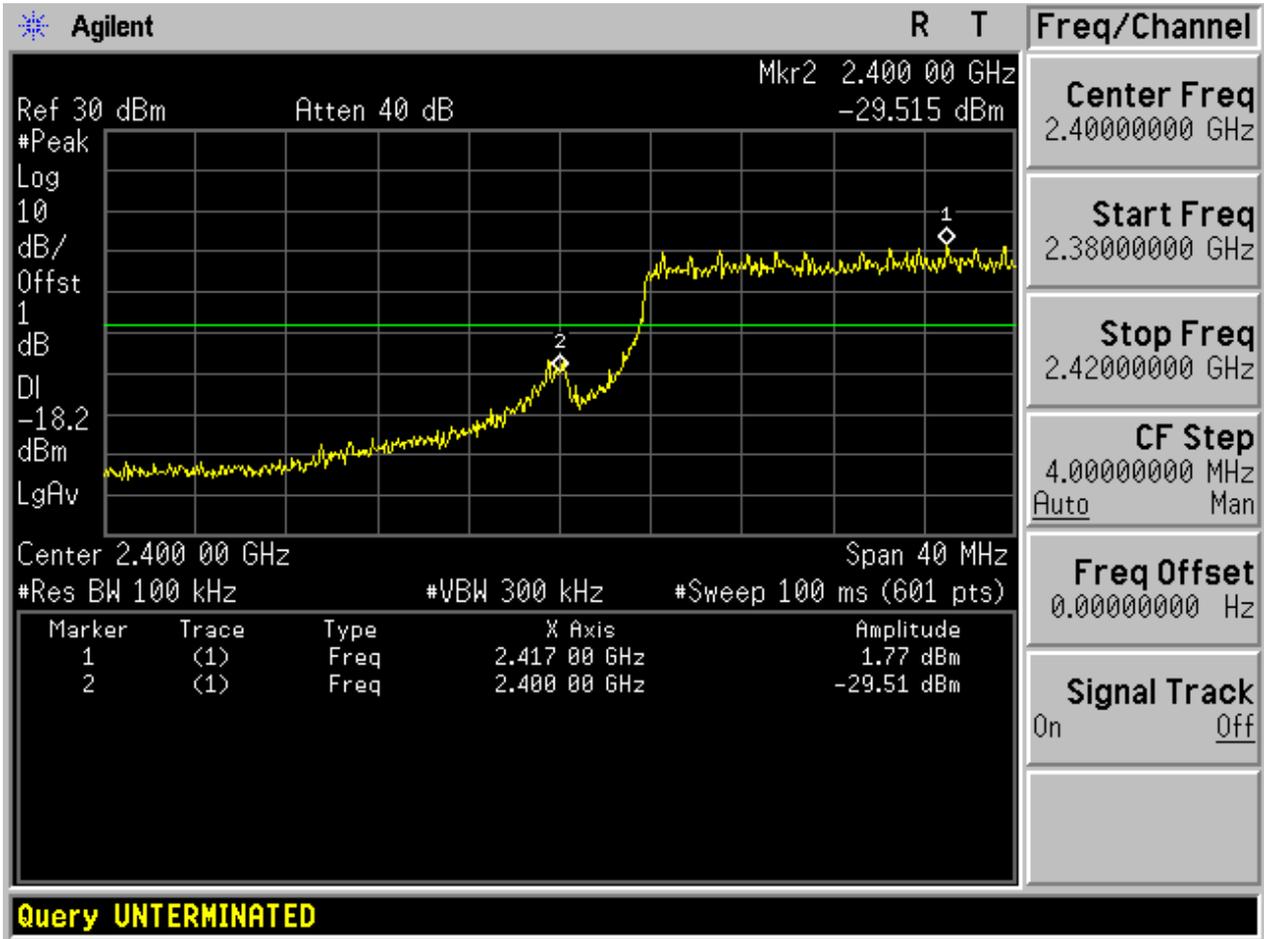
2.20 11N40\_H@Ant 2



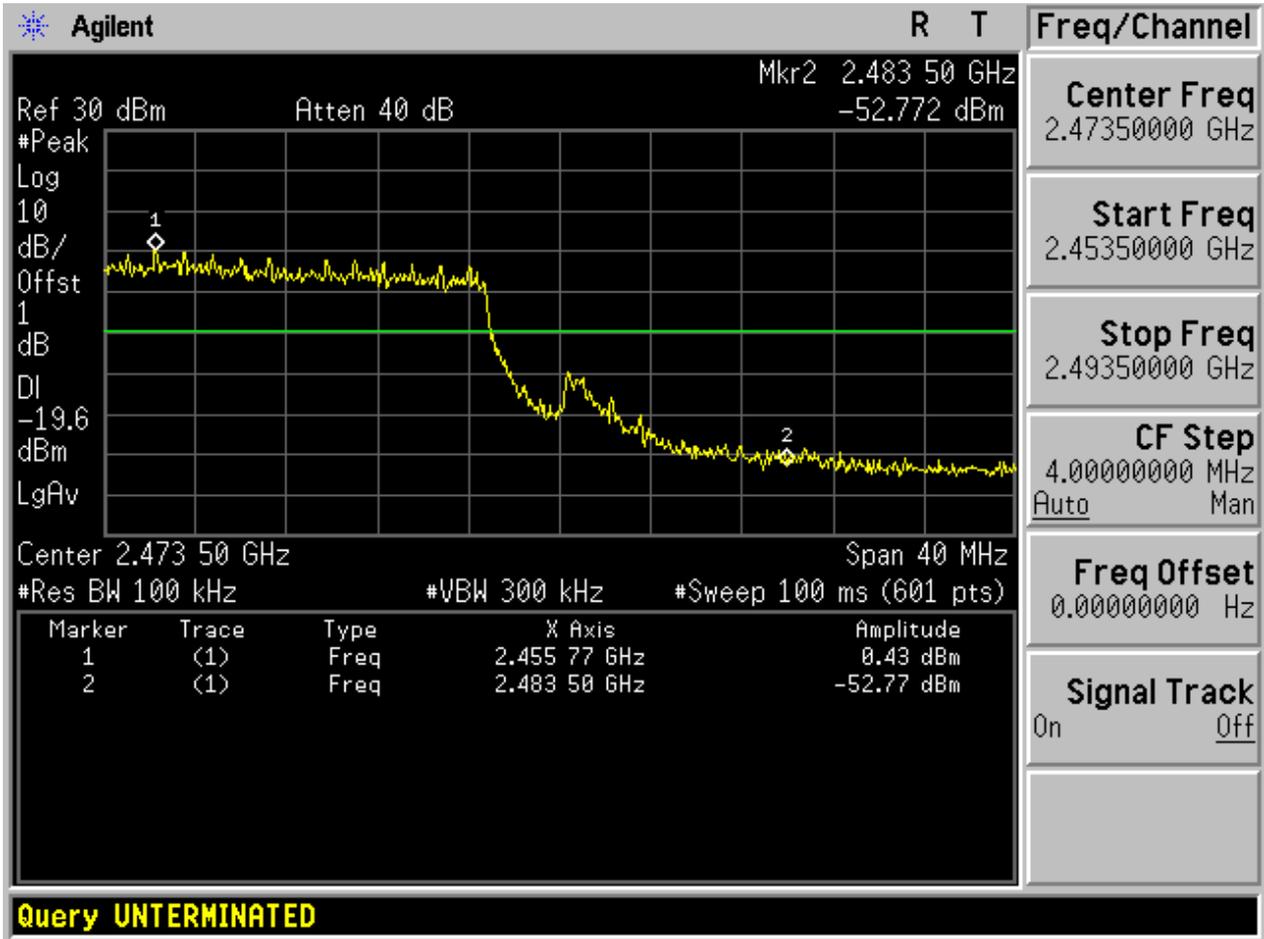
### 2.21 11N40m\_L@Ant 1



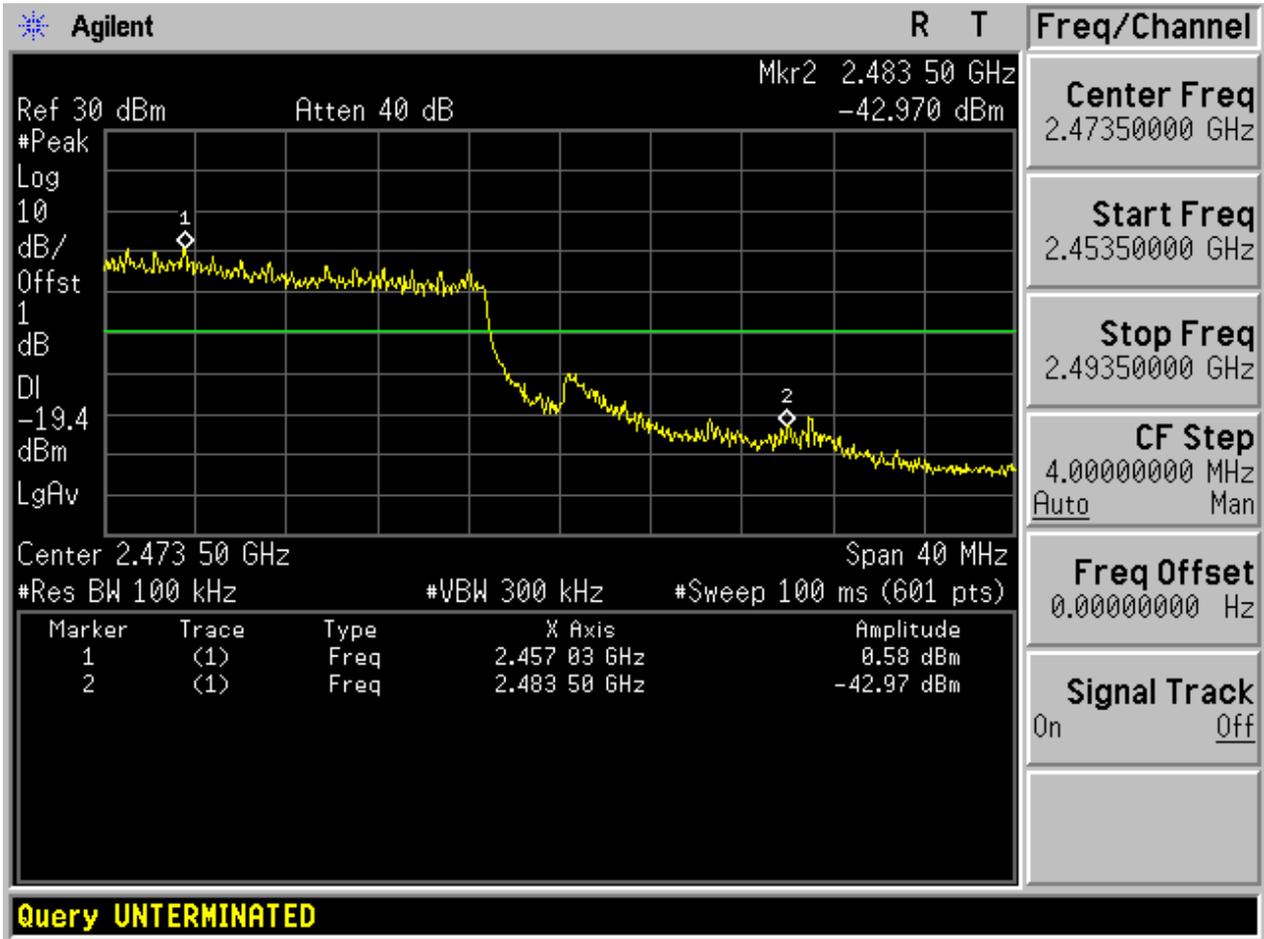
2.22 11N40m\_L@Ant 2



2.23 11N40m\_H@Ant 1



2.24 11N40m\_H@Ant 2



## Appendix E: 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	9.34	<limit	pass
11B	L	2412	Ant 2	9.16	<limit	pass
11B	M	2437	Ant 1	10.20	<limit	pass
11B	M	2437	Ant 2	8.24	<limit	pass
11B	H	2462	Ant 1	9.49	<limit	pass
11B	H	2462	Ant 2	8.80	<limit	pass
11G	L	2412	Ant 1	4.95	<limit	pass
11G	L	2412	Ant 2	5.13	<limit	pass
11G	M	2437	Ant 1	5.54	<limit	pass
11G	M	2437	Ant 2	4.30	<limit	pass
11G	H	2462	Ant 1	5.89	<limit	pass
11G	H	2462	Ant 2	6.06	<limit	pass
11N20	L	2412	Ant 1	2.16	<limit	pass
11N20	L	2412	Ant 2	2.35	<limit	pass
11N20	M	2437	Ant 1	2.57	<limit	pass
11N20	M	2437	Ant 2	1.72	<limit	pass

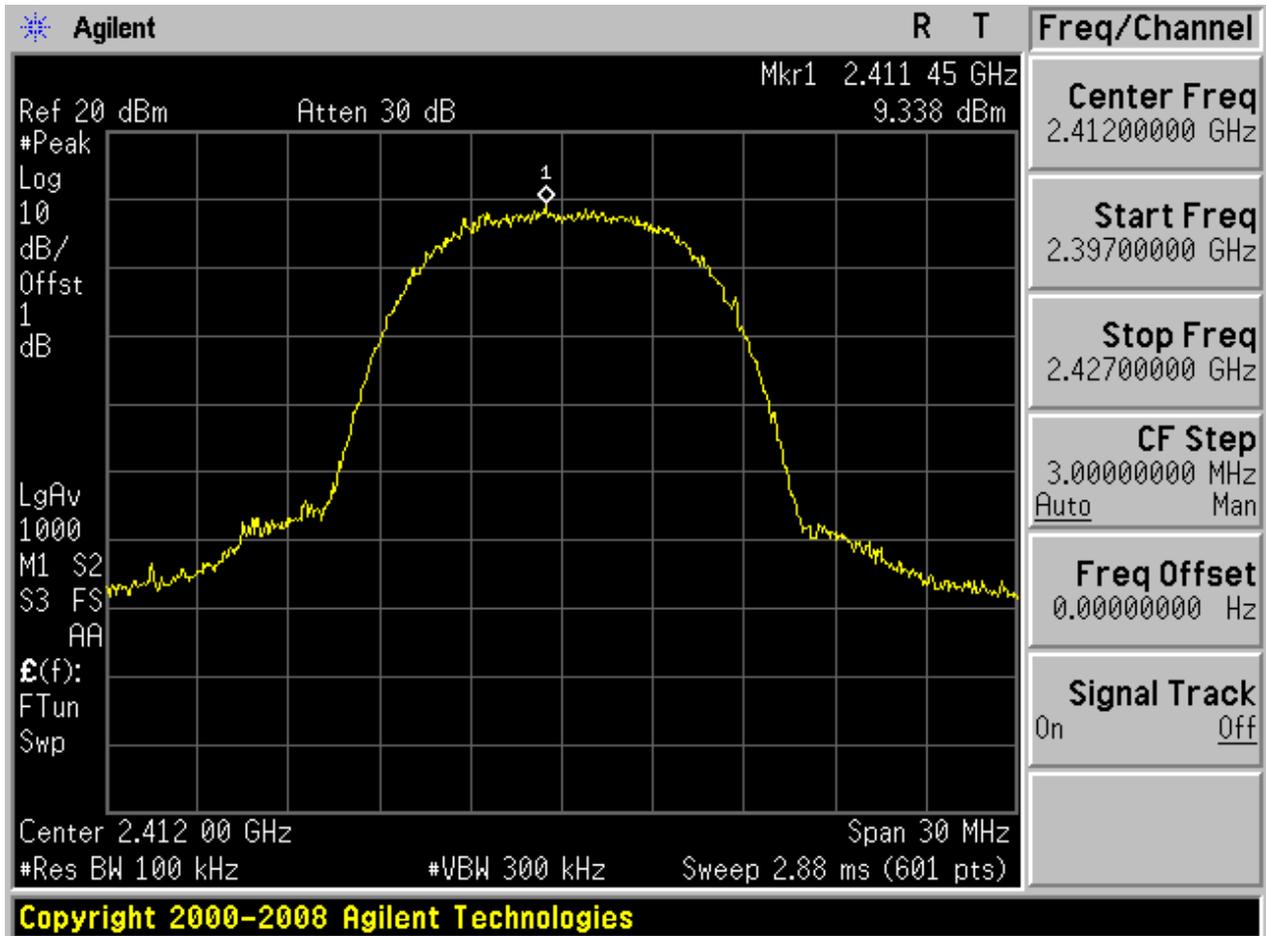


Test Mode	Test Channel	Frequency[MHz]	Ant	Pref[dBm]	Puw[dBm]	Verdict
11N20	H	2462	Ant 1	3.14	<limit	pass
11N20	H	2462	Ant 2	3.54	<limit	pass
11N20m	L	2412	Ant 1	2.76	<limit	pass
11N20m	L	2412	Ant 2	2.80	<limit	pass
11N20m	M	2437	Ant 1	2.78	<limit	pass
11N20m	M	2437	Ant 2	2.11	<limit	pass
11N20m	H	2462	Ant 1	3.44	<limit	pass
11N20m	H	2462	Ant 2	3.72	<limit	pass
11N40	L	2422	Ant 1	0.08	<limit	pass
11N40	L	2422	Ant 2	0.71	<limit	pass
11N40	M	2437	Ant 1	0.30	<limit	pass
11N40	M	2437	Ant 2	-0.55	<limit	pass
11N40	H	2452	Ant 1	0.93	<limit	pass
11N40	H	2452	Ant 2	0.52	<limit	pass
11N40m	L	2422	Ant 1	0.27	<limit	pass
11N40m	L	2422	Ant 2	2.00	<limit	pass
11N40m	M	2437	Ant 1	0.15	<limit	pass
11N40m	M	2437	Ant 2	0.78	<limit	pass
11N40m	H	2452	Ant 1	0.88	<limit	pass
11N40m	H	2452	Ant 2	2.21	<limit	pass

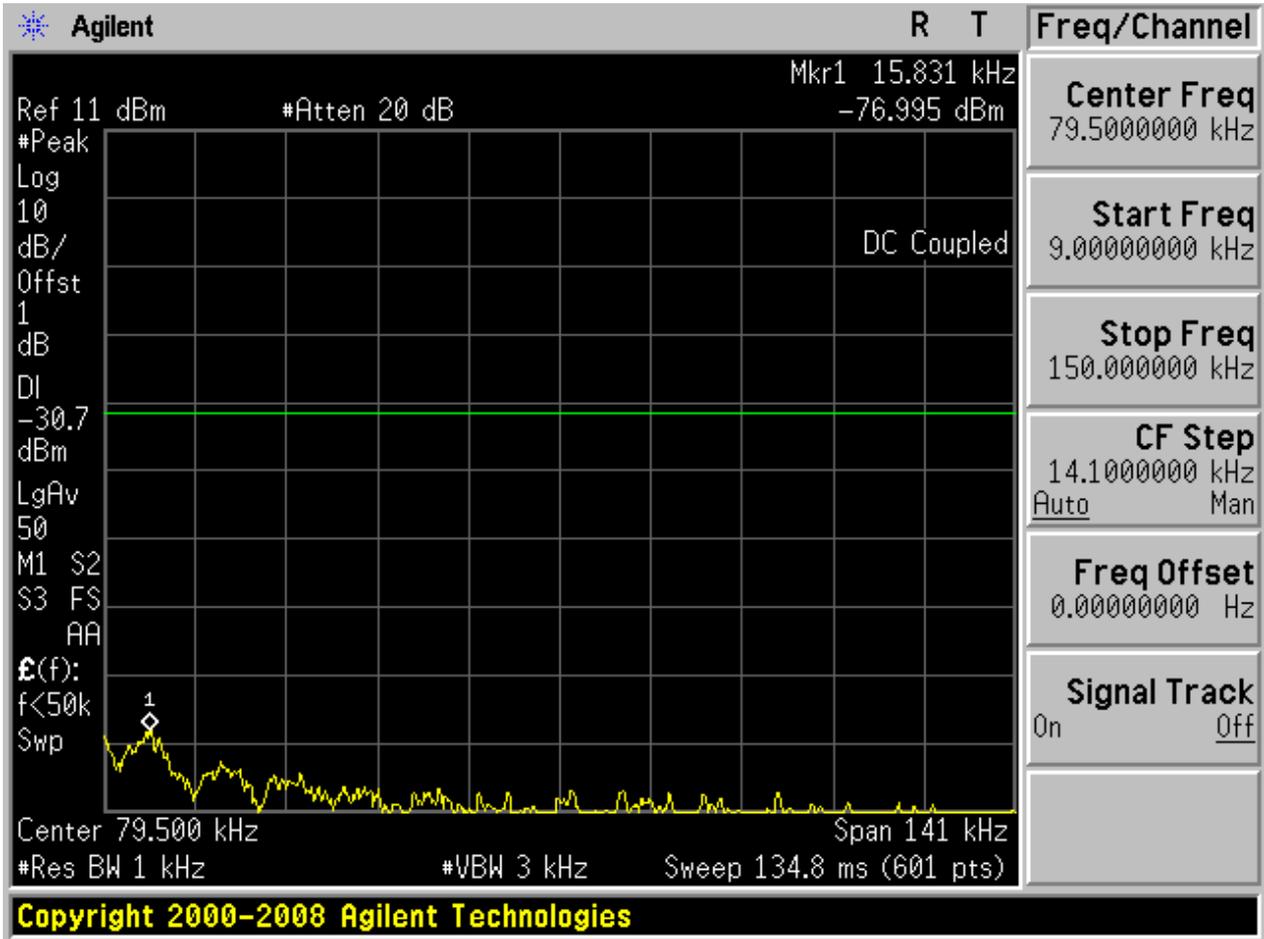
## Part II - Test Plots

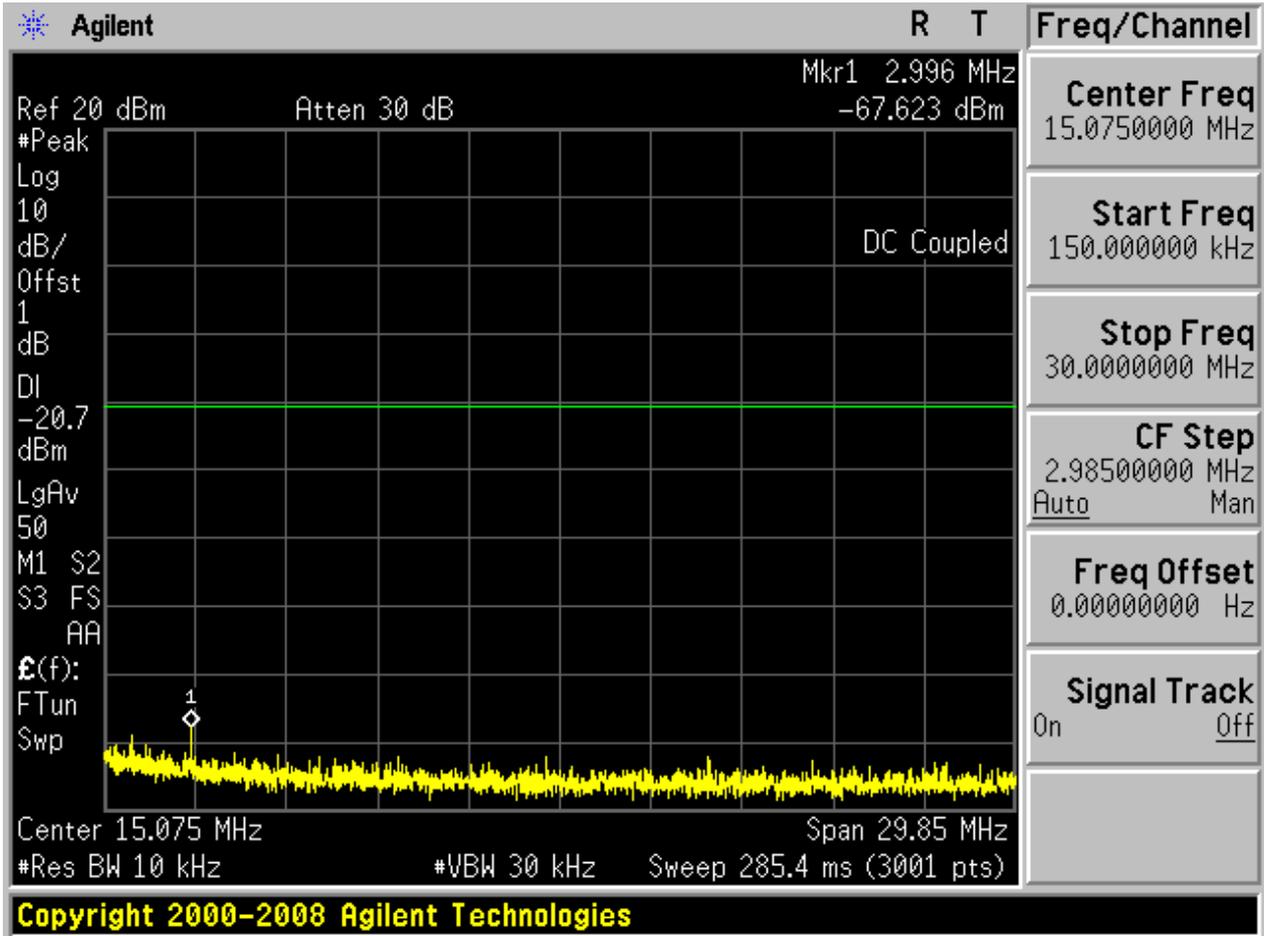
### 2.1 11B\_L@Ant 1

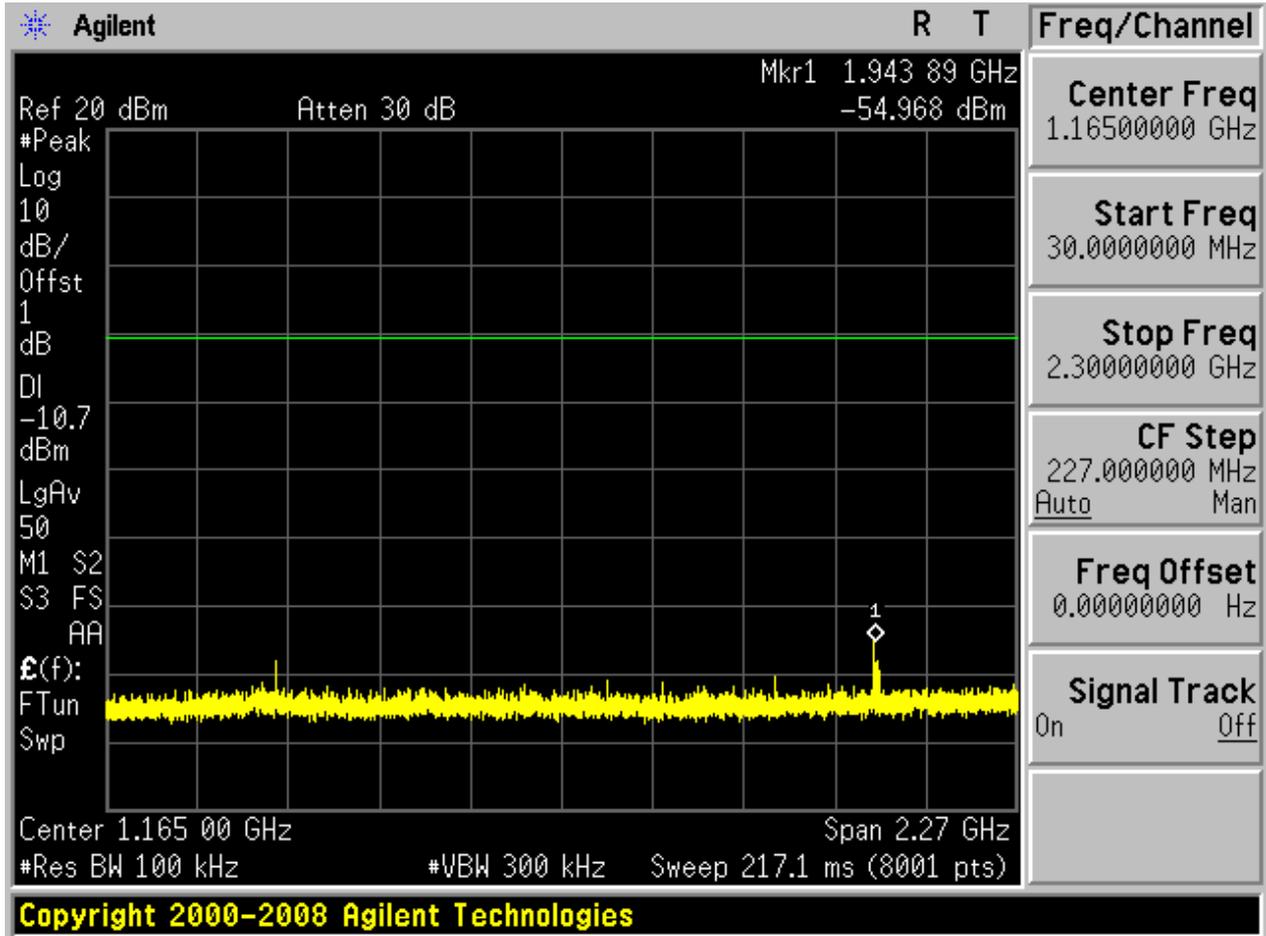
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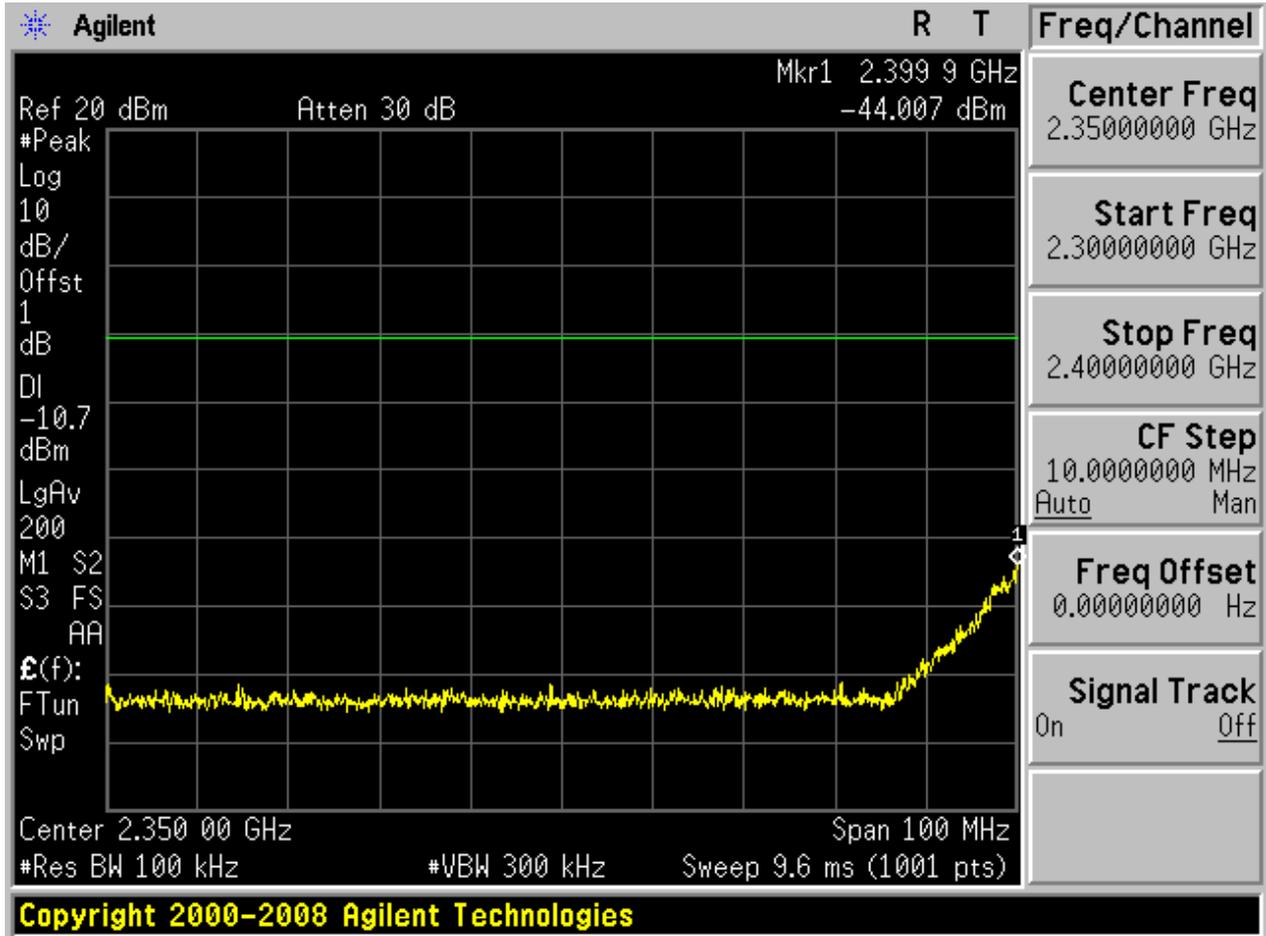


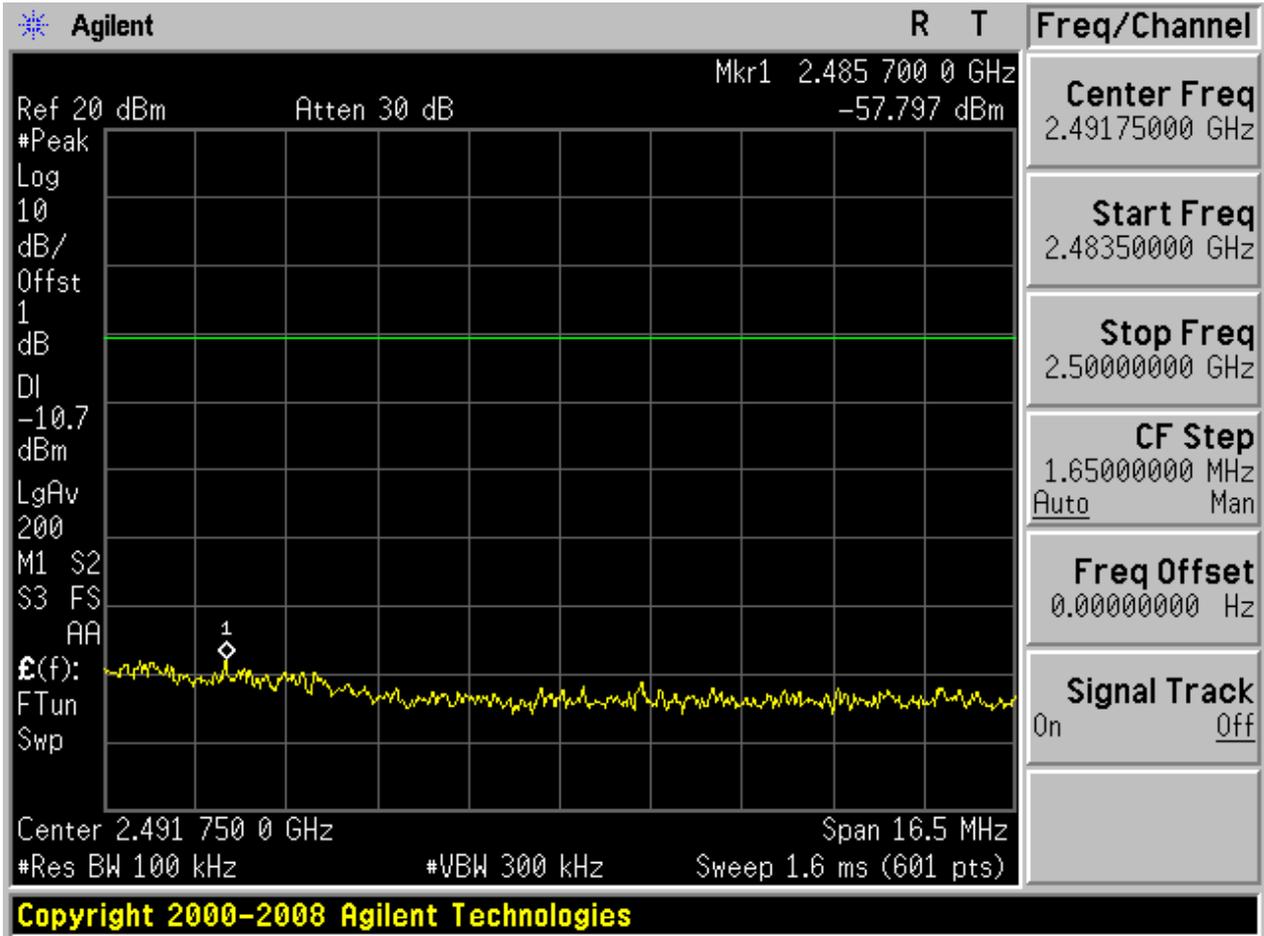
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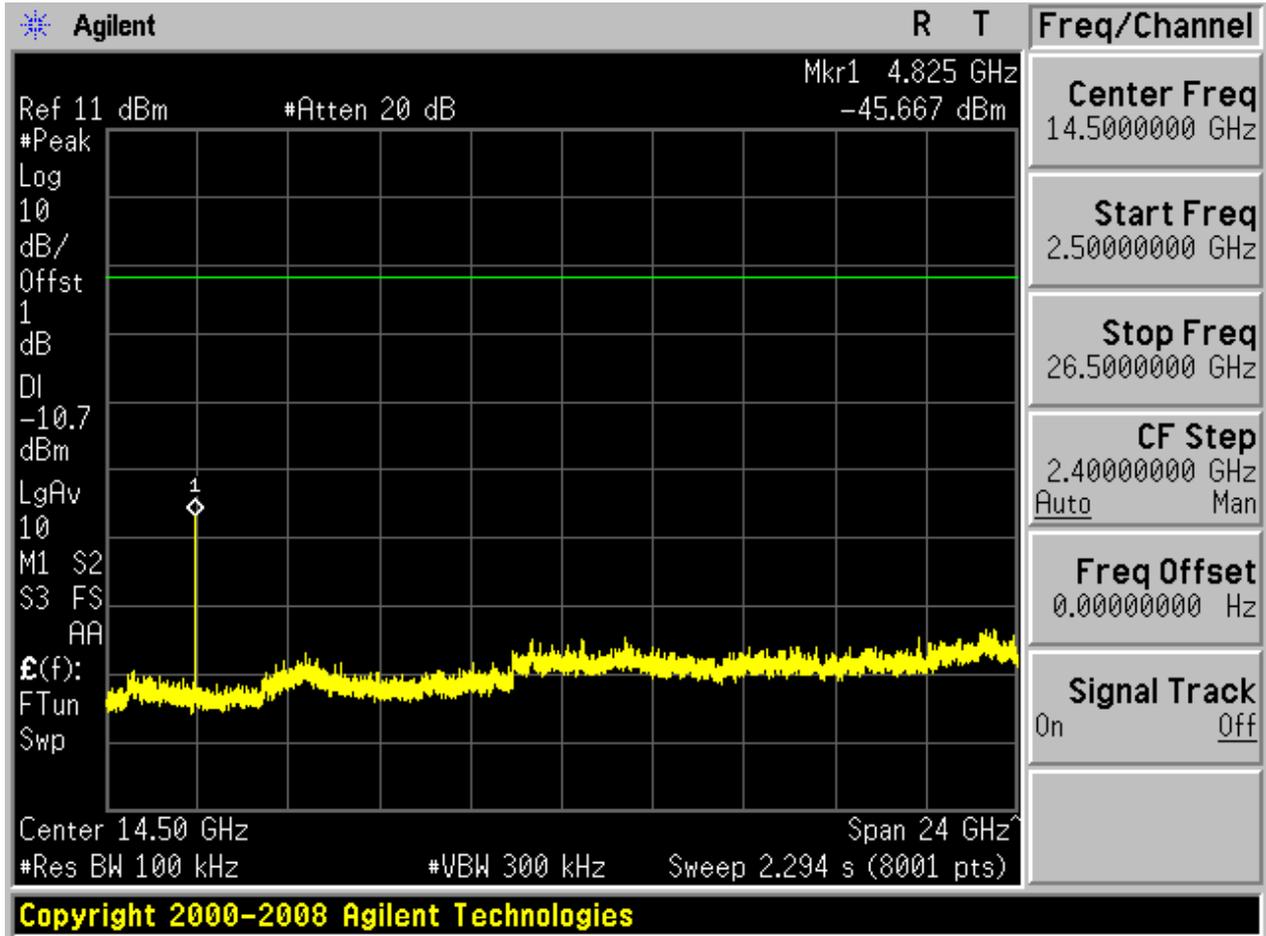






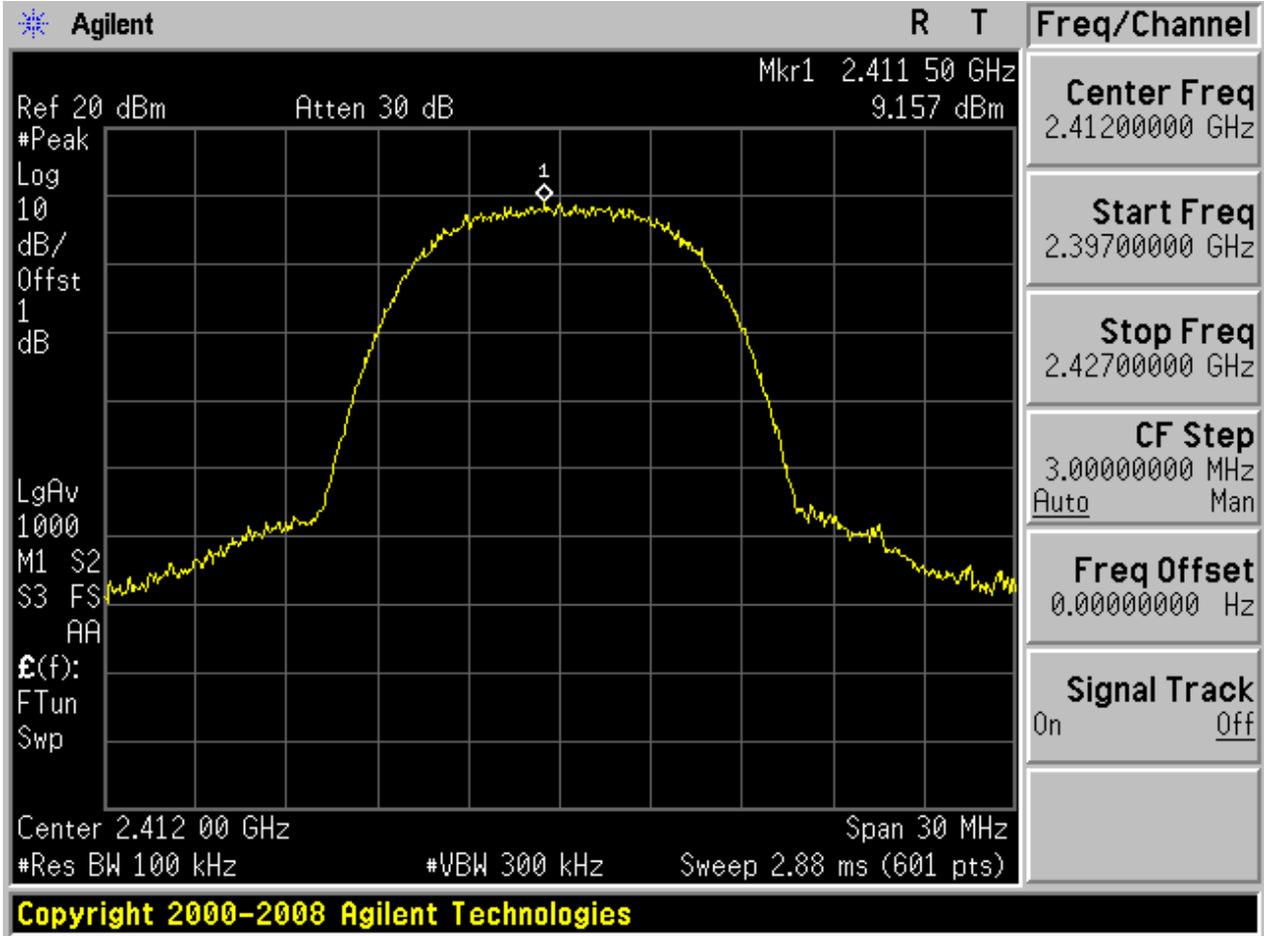






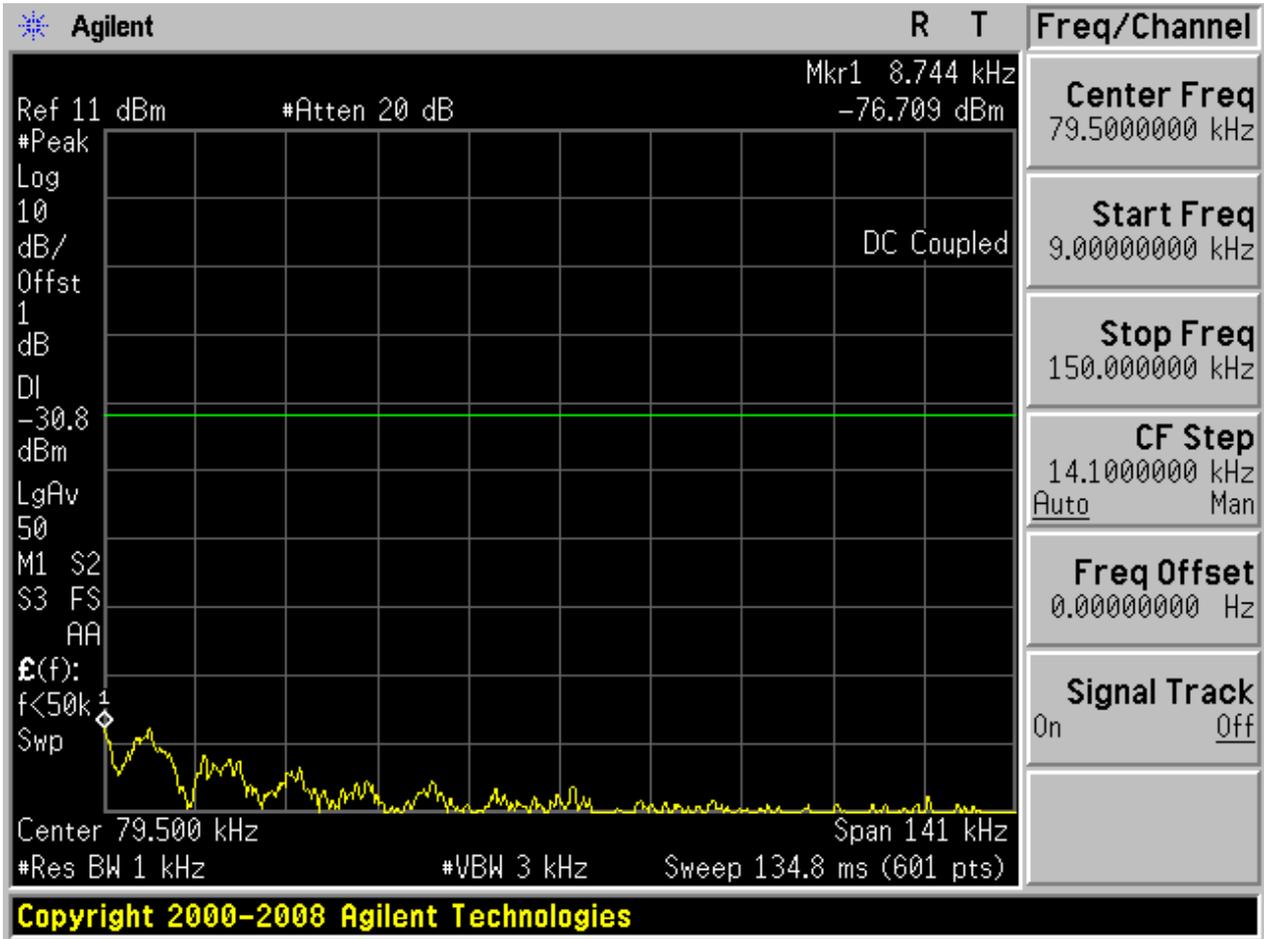
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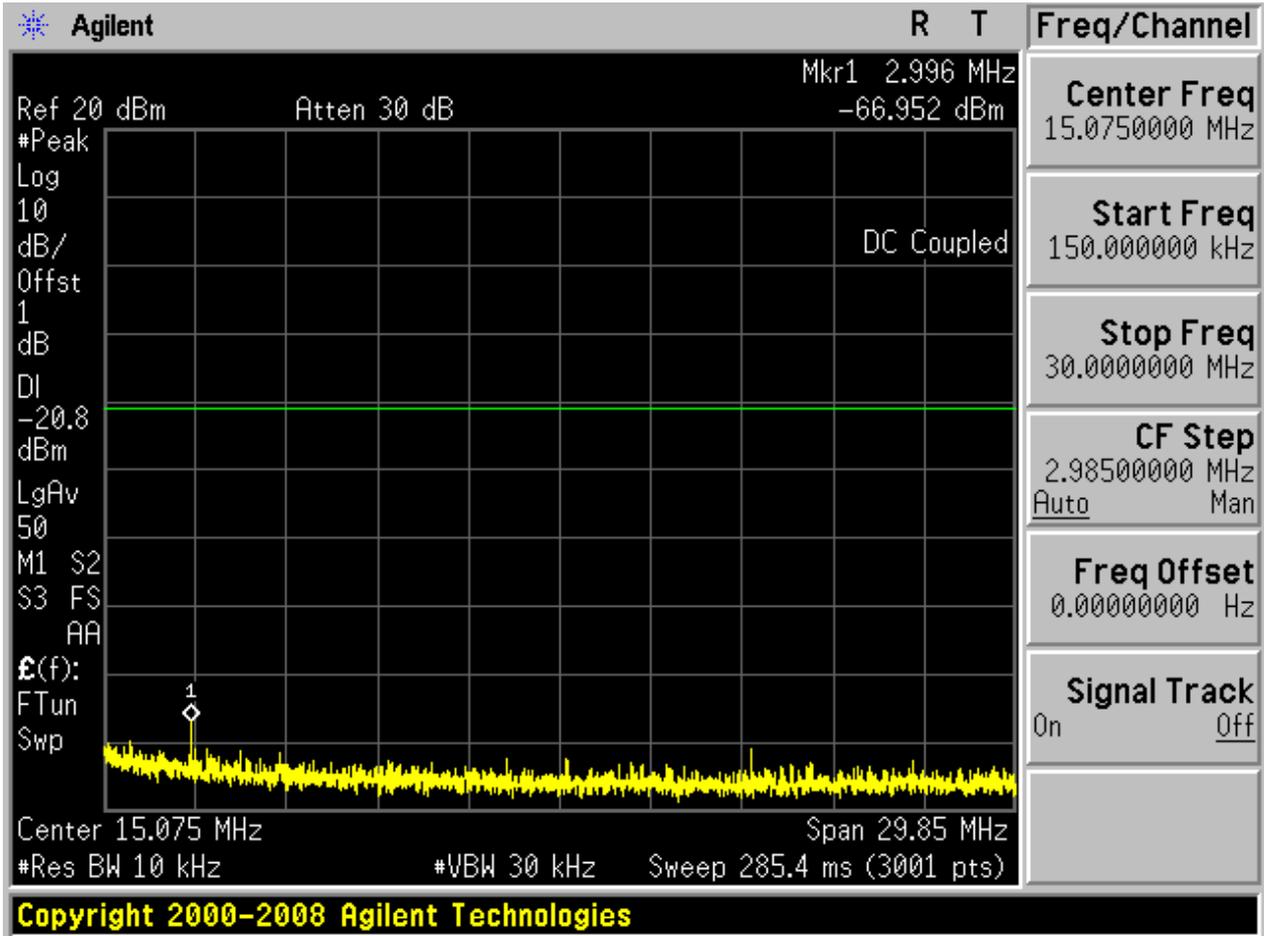
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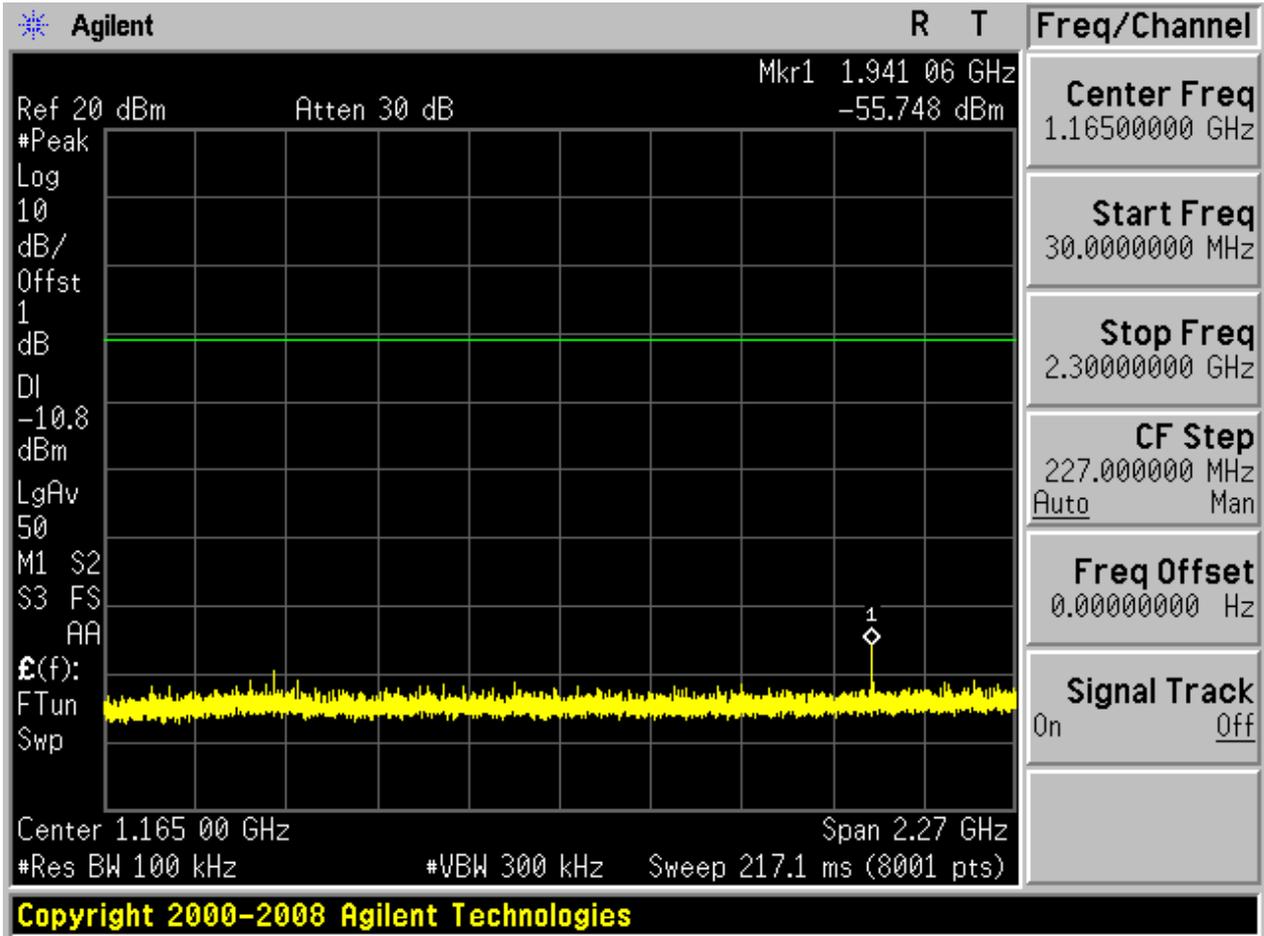


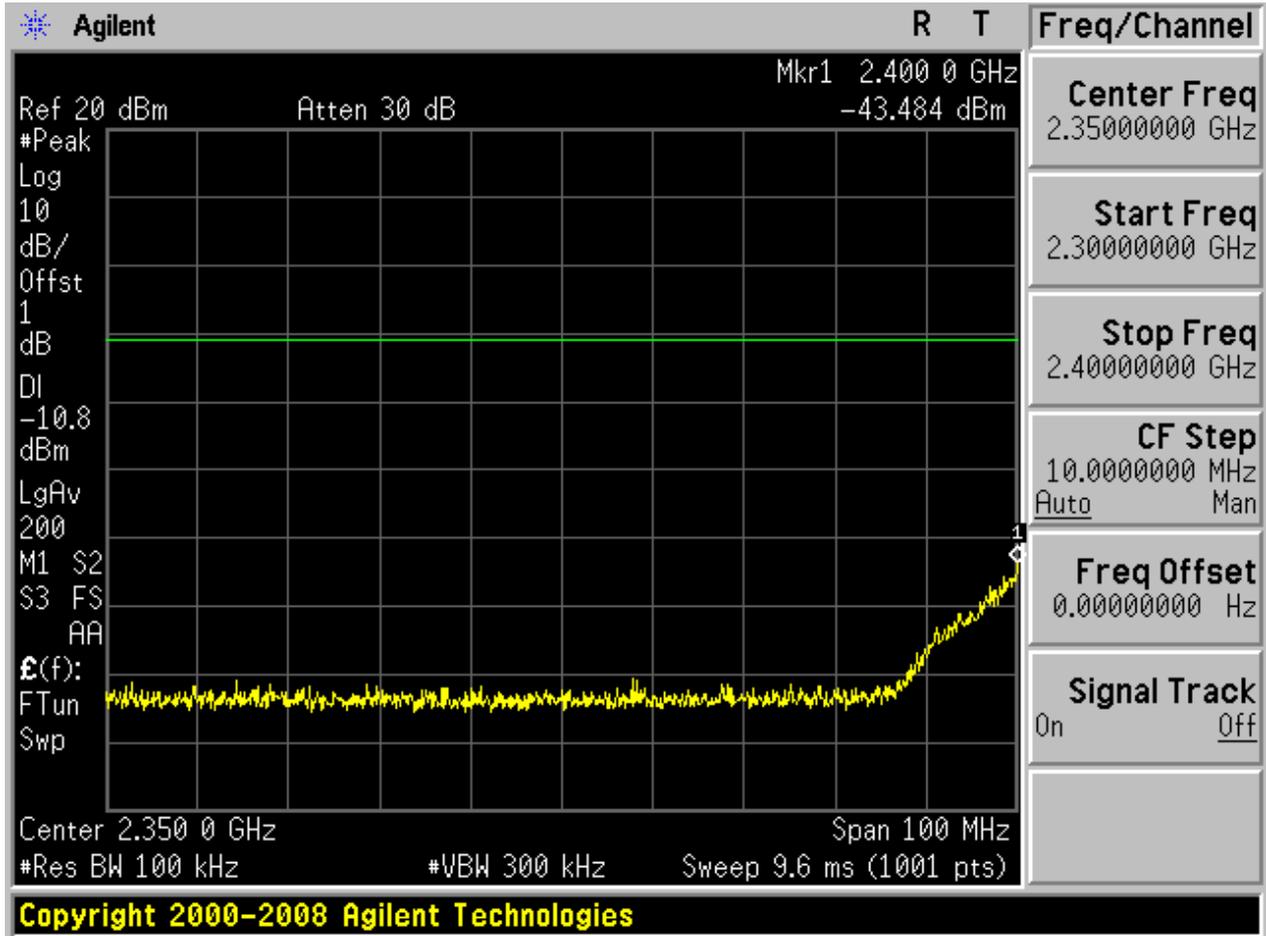


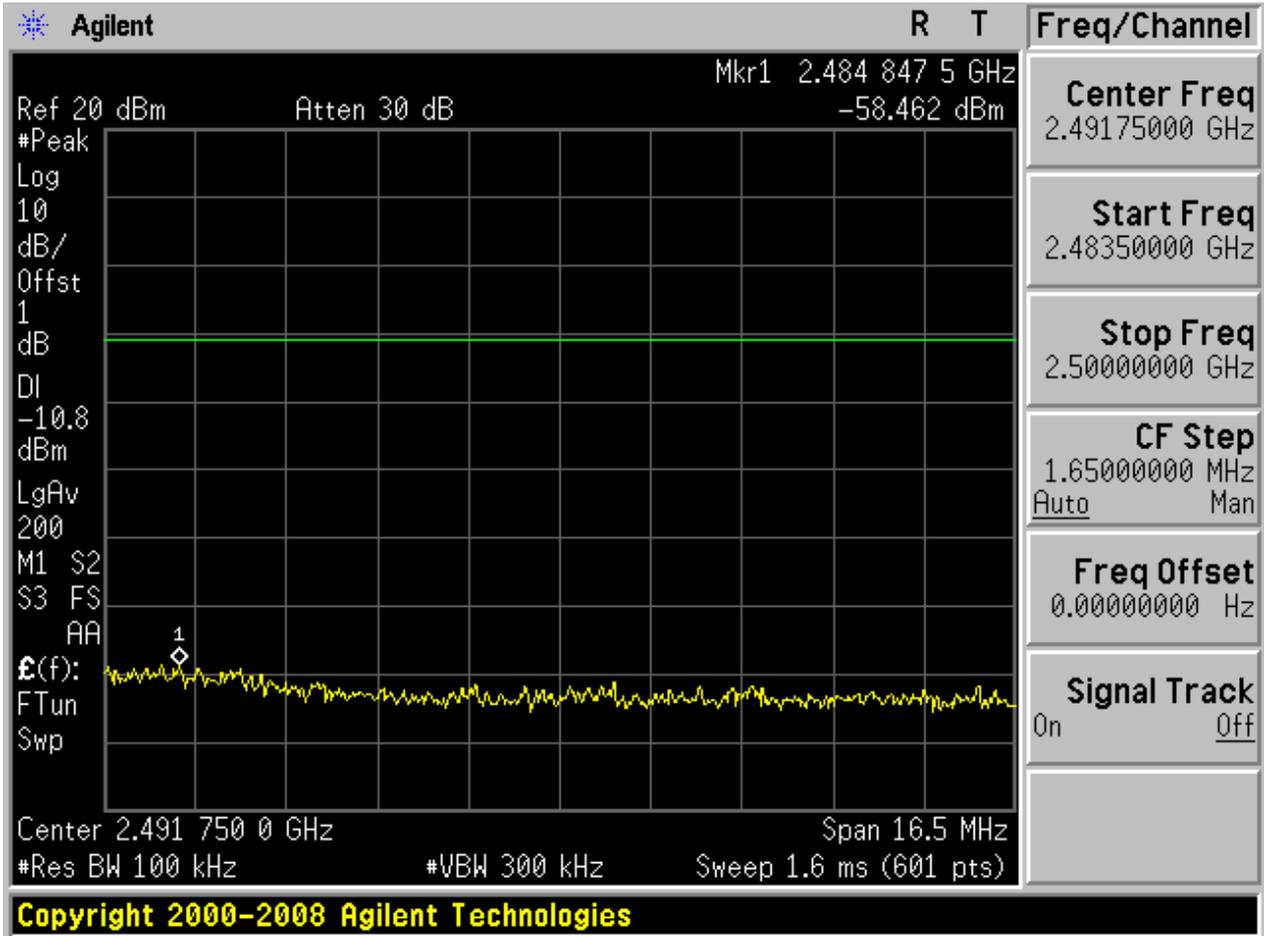
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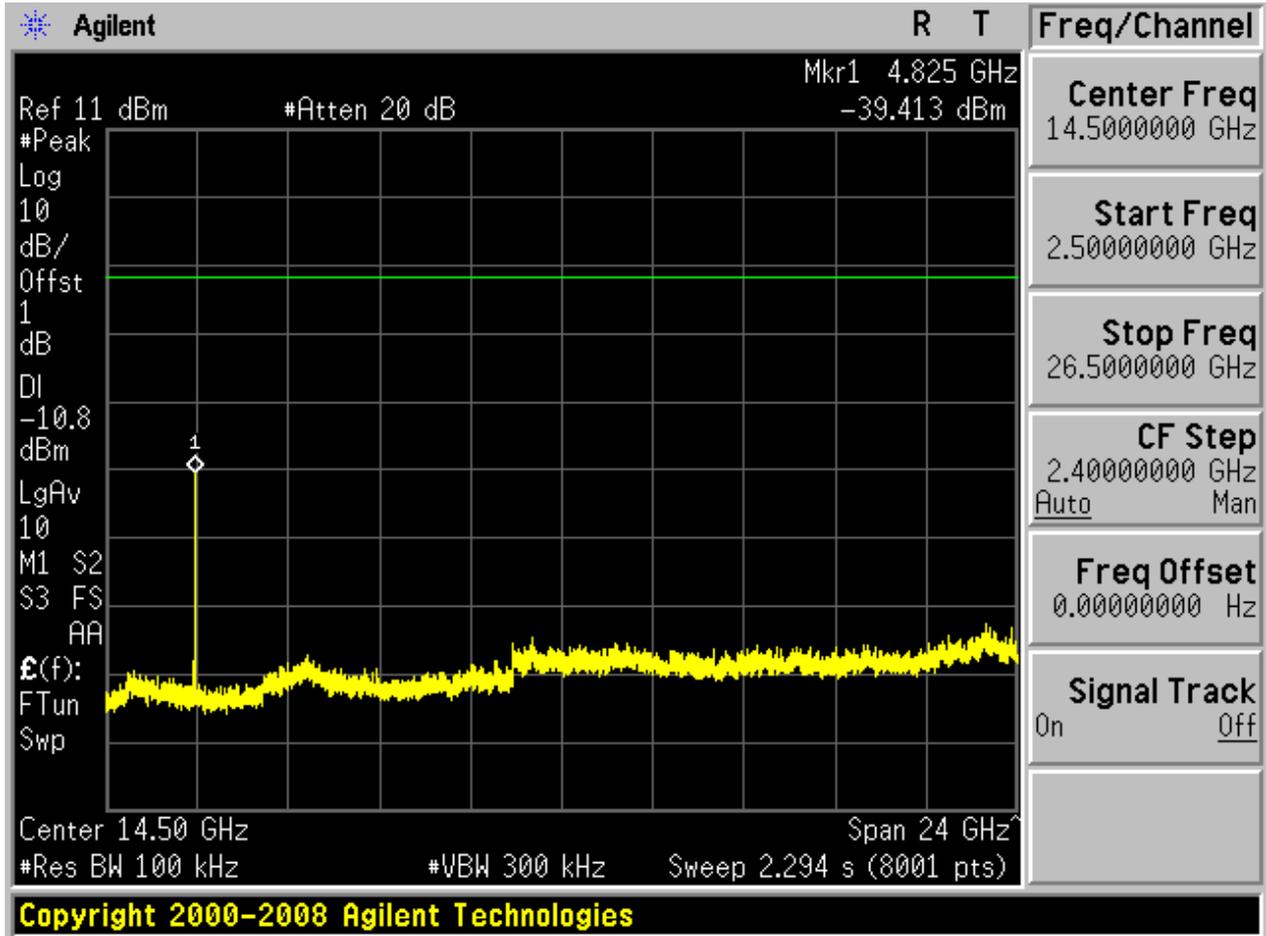






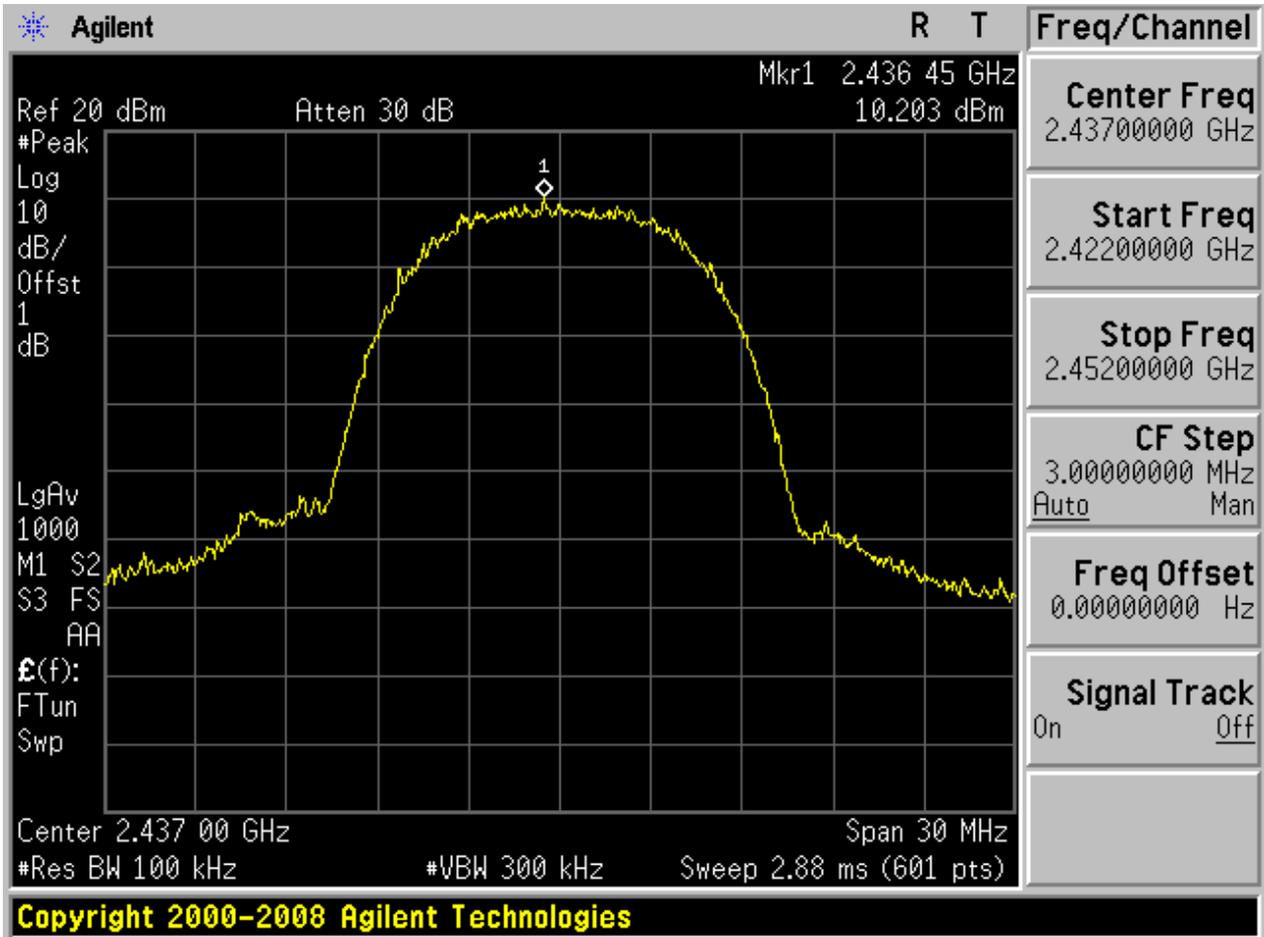




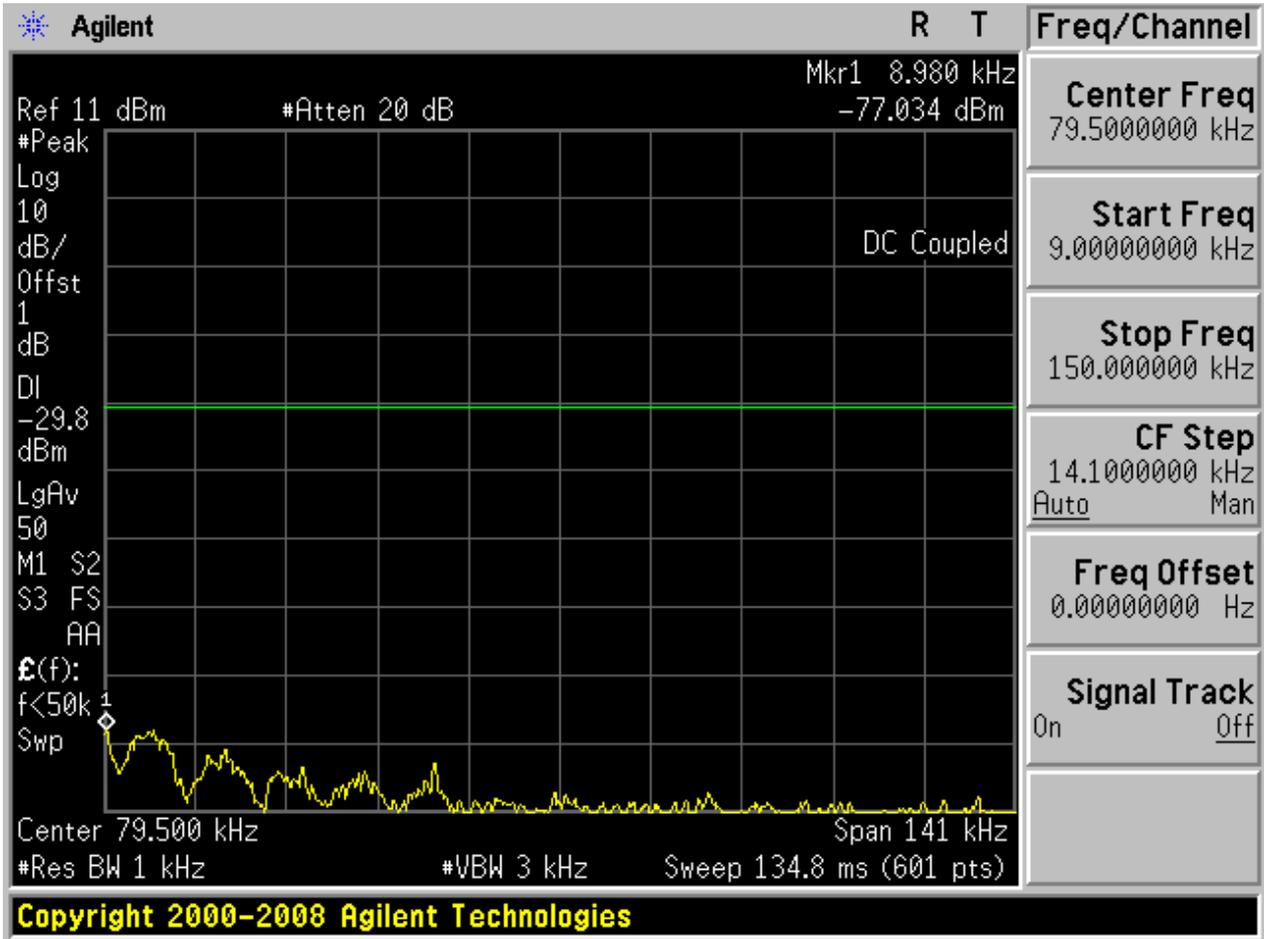


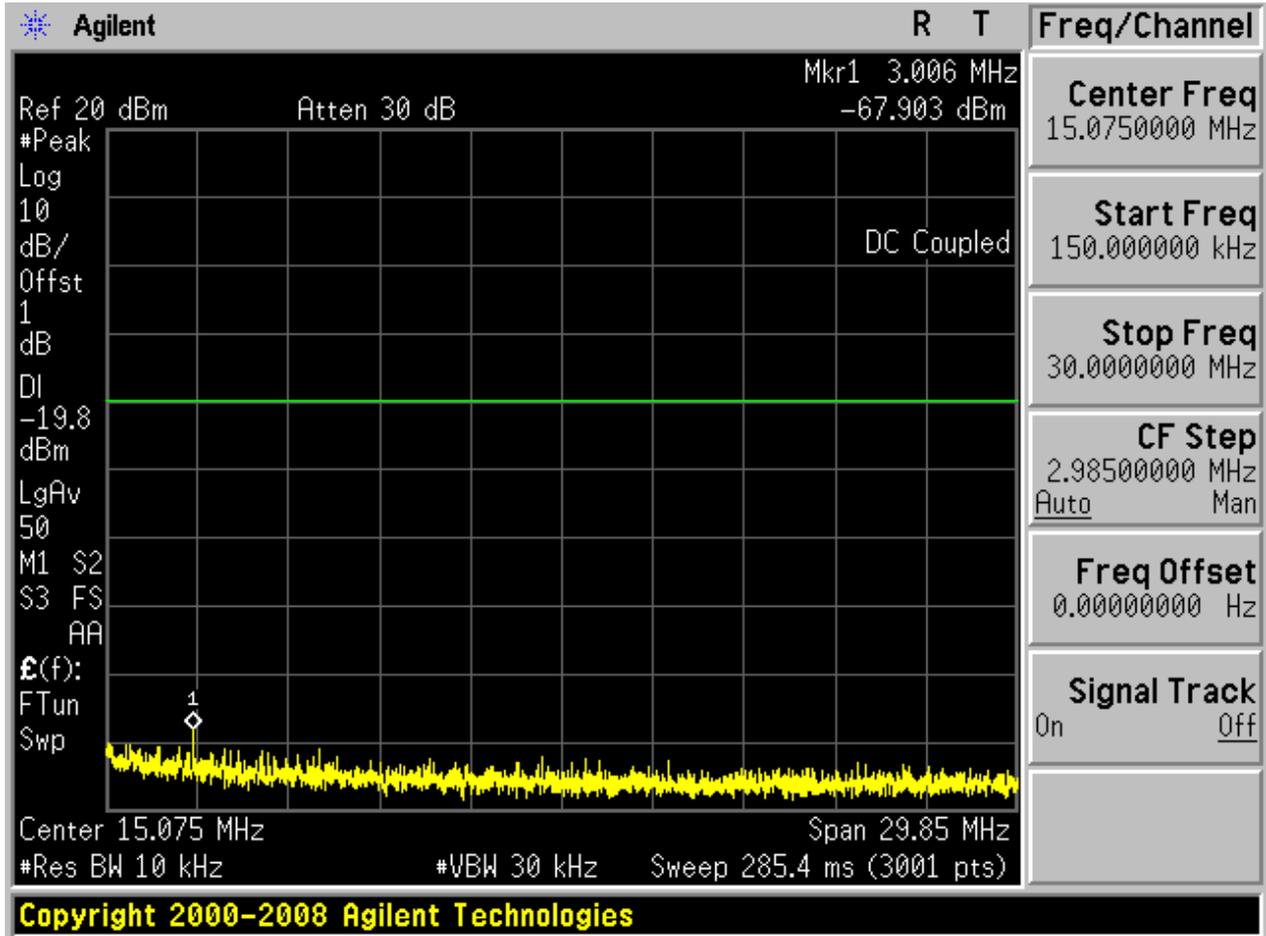
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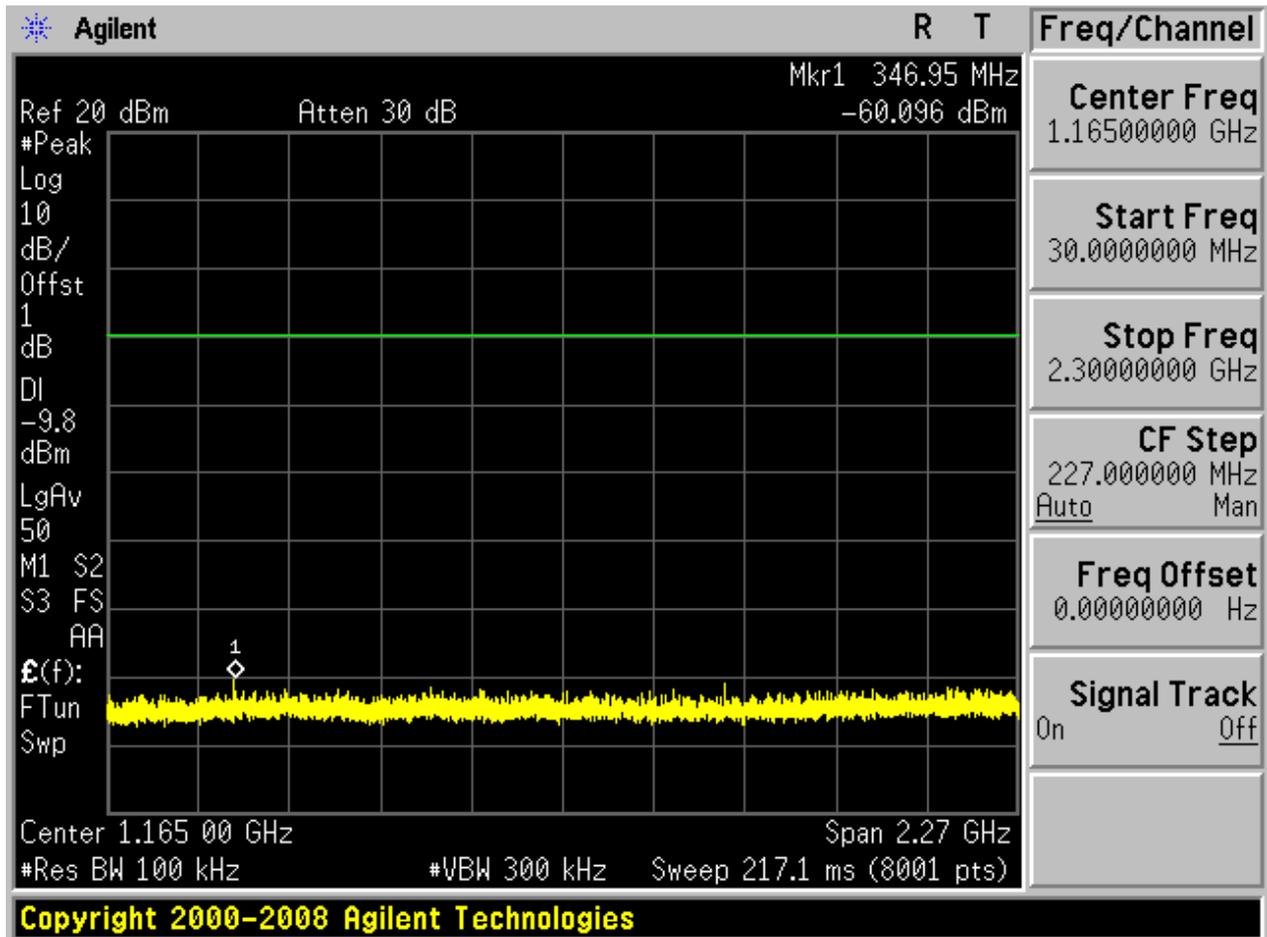
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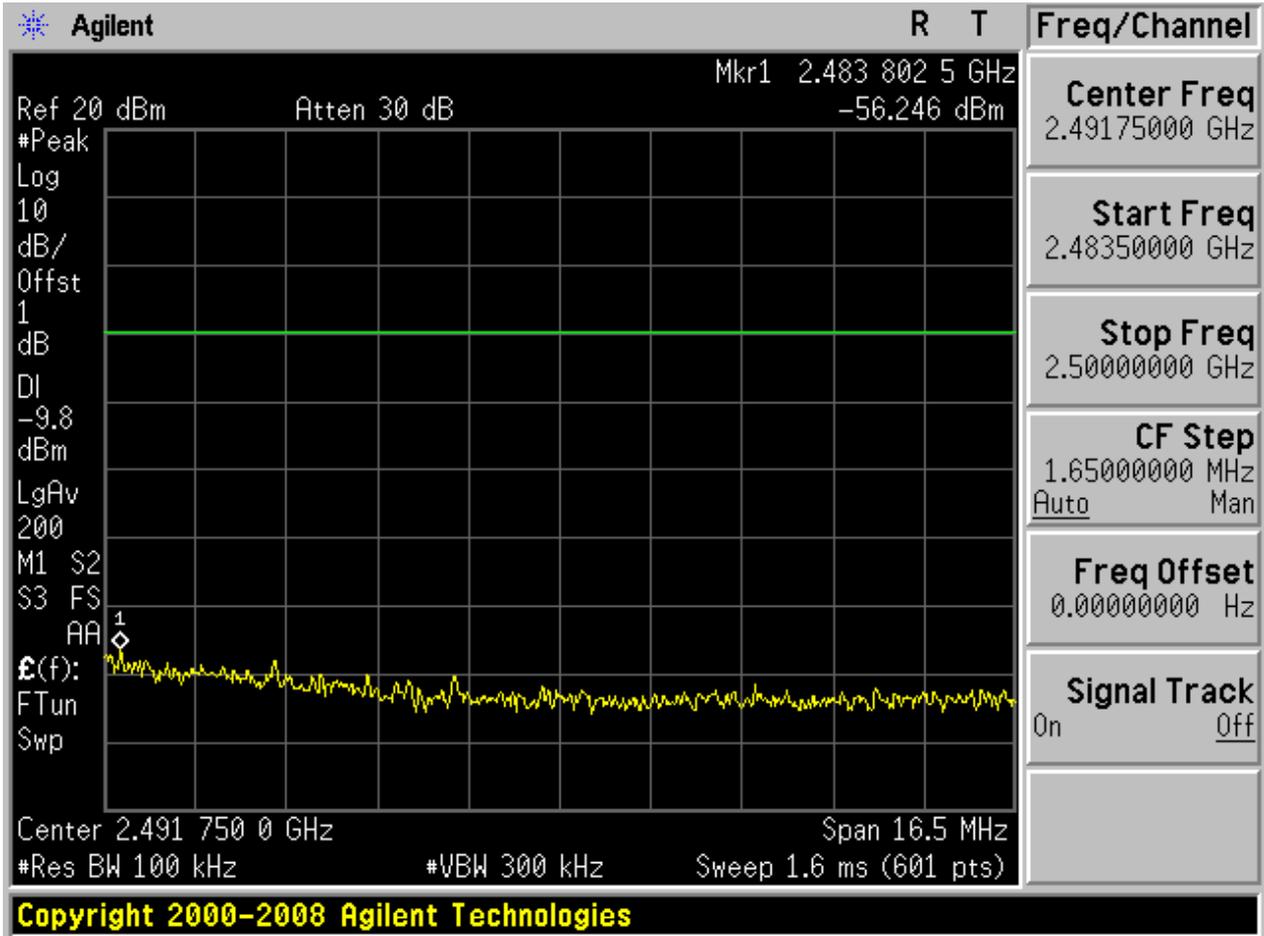
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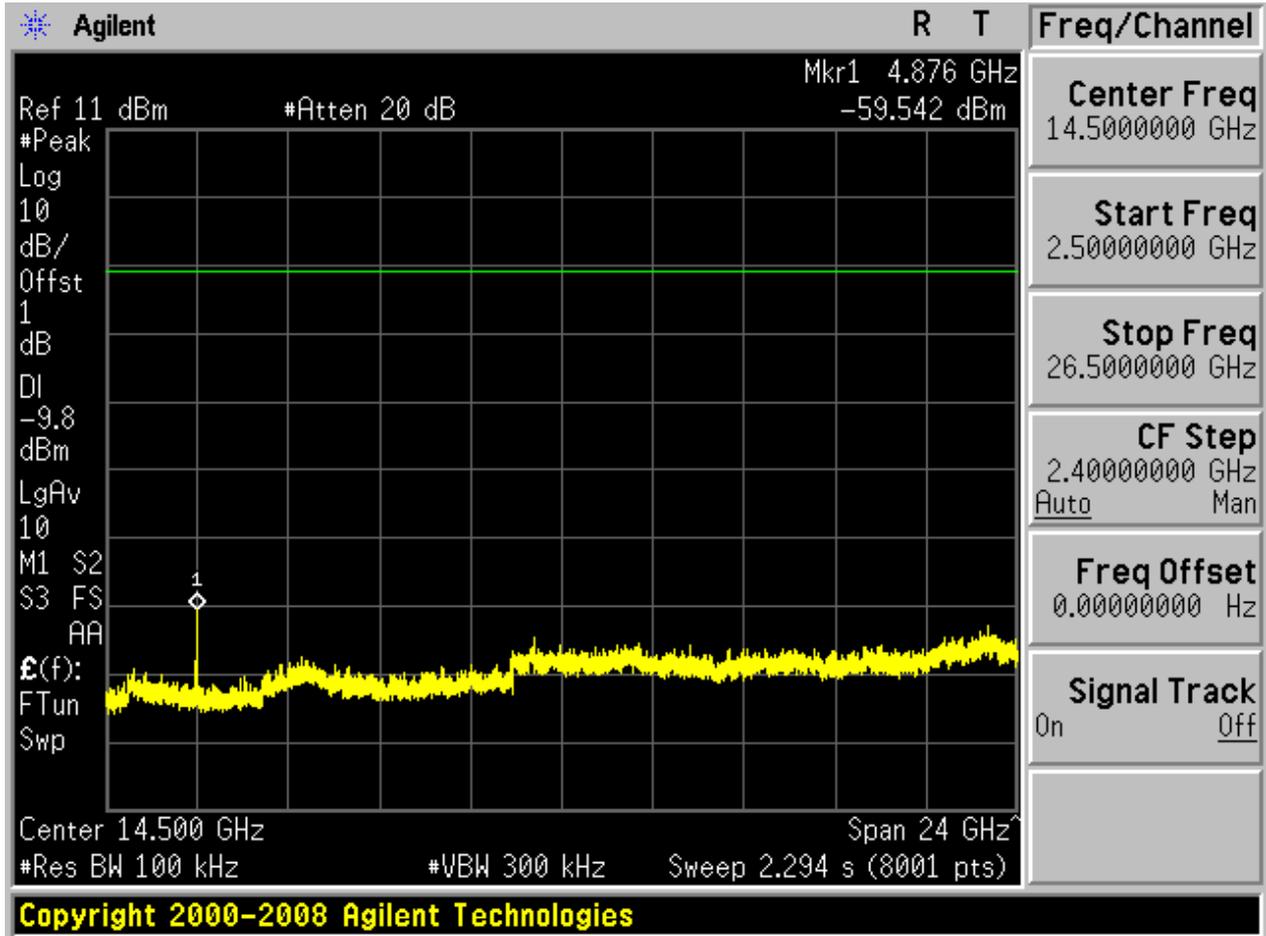






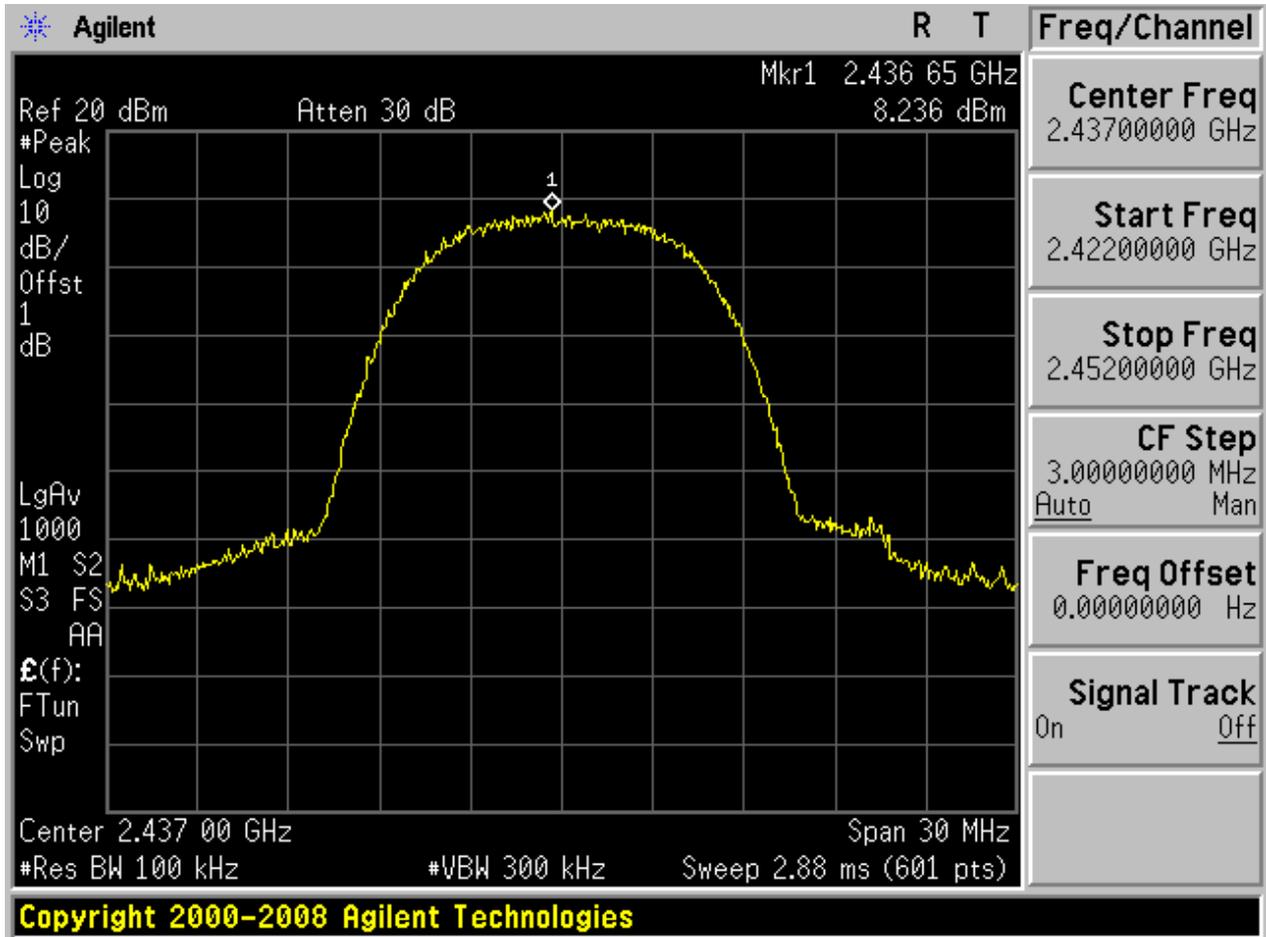






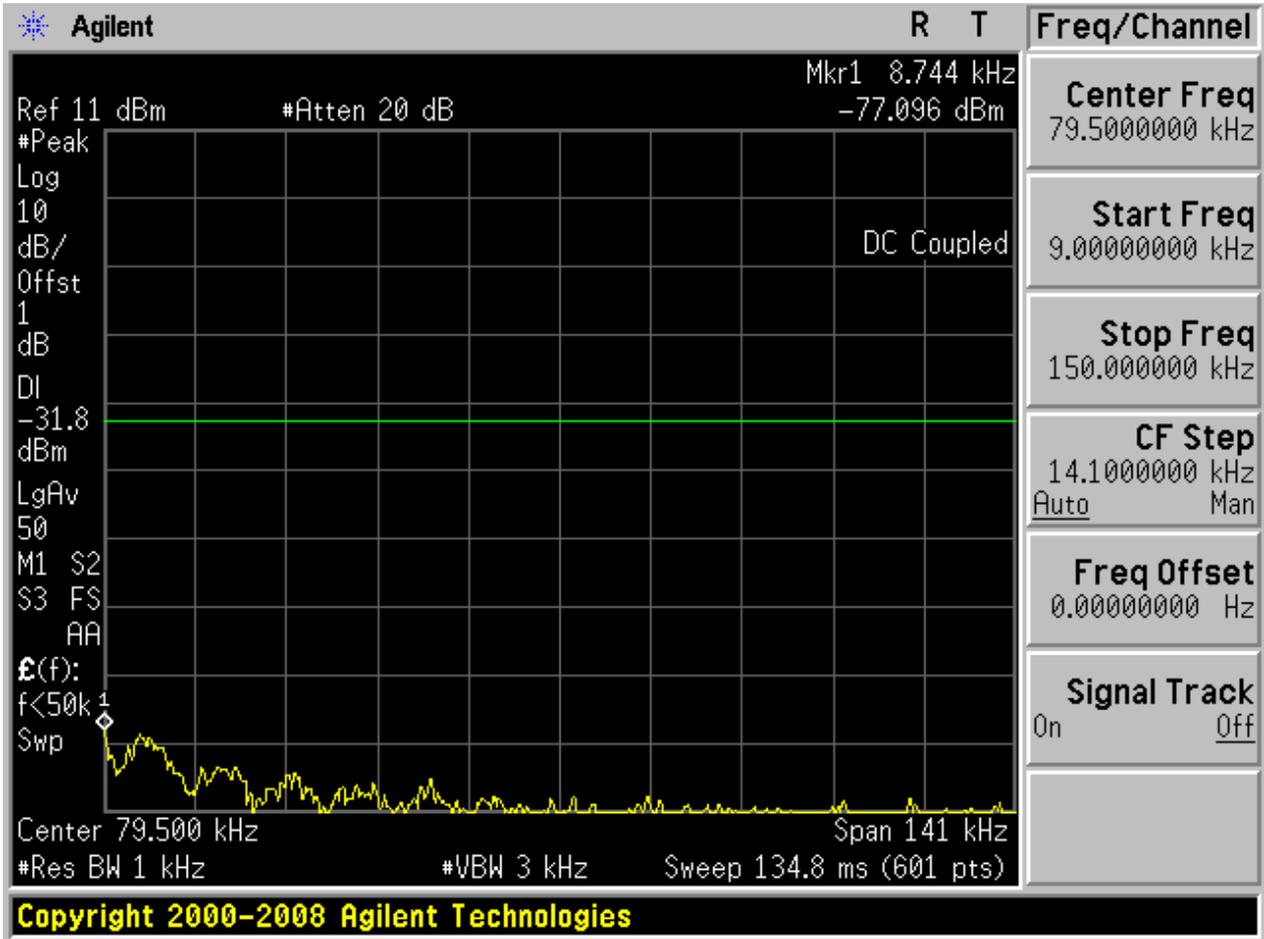
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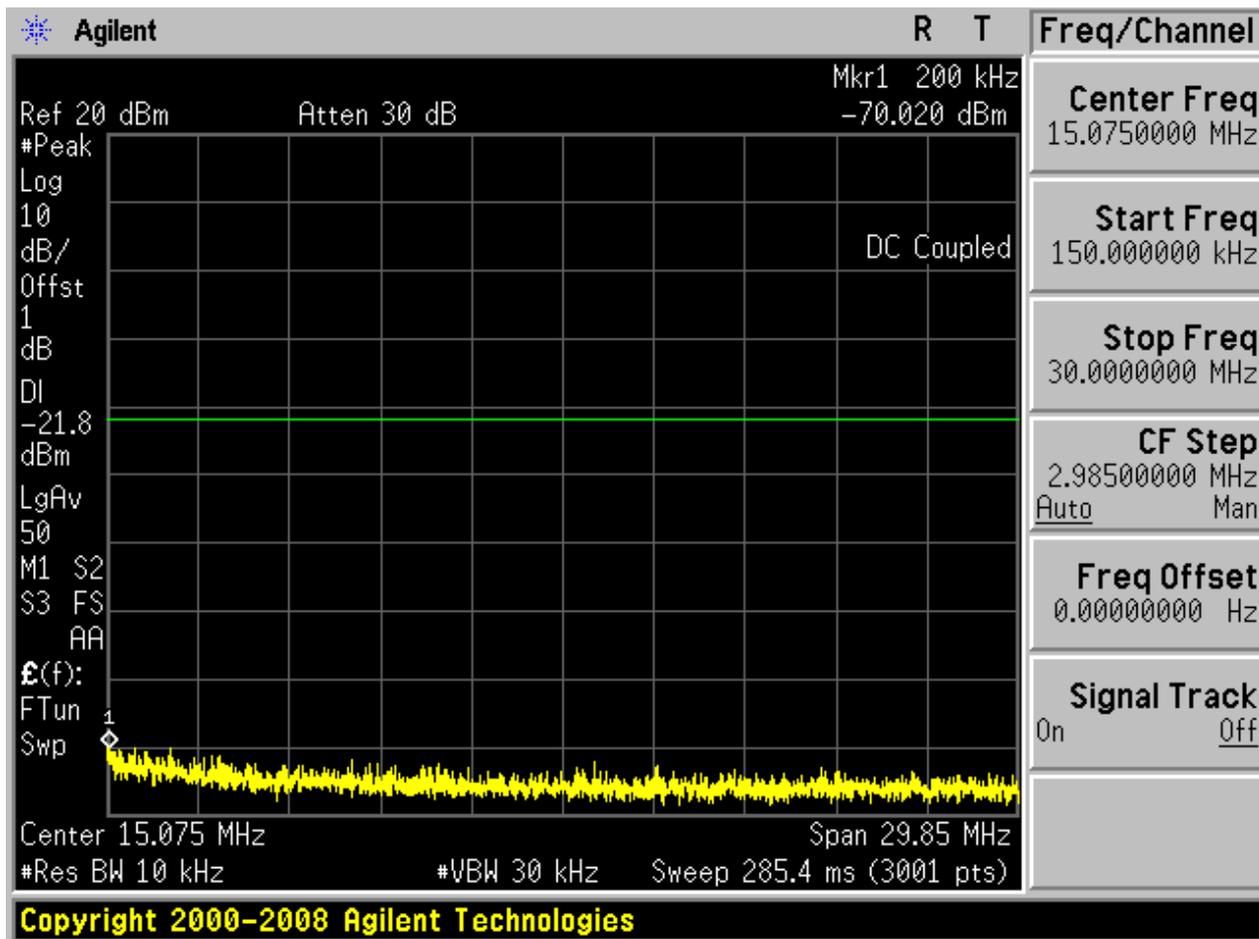
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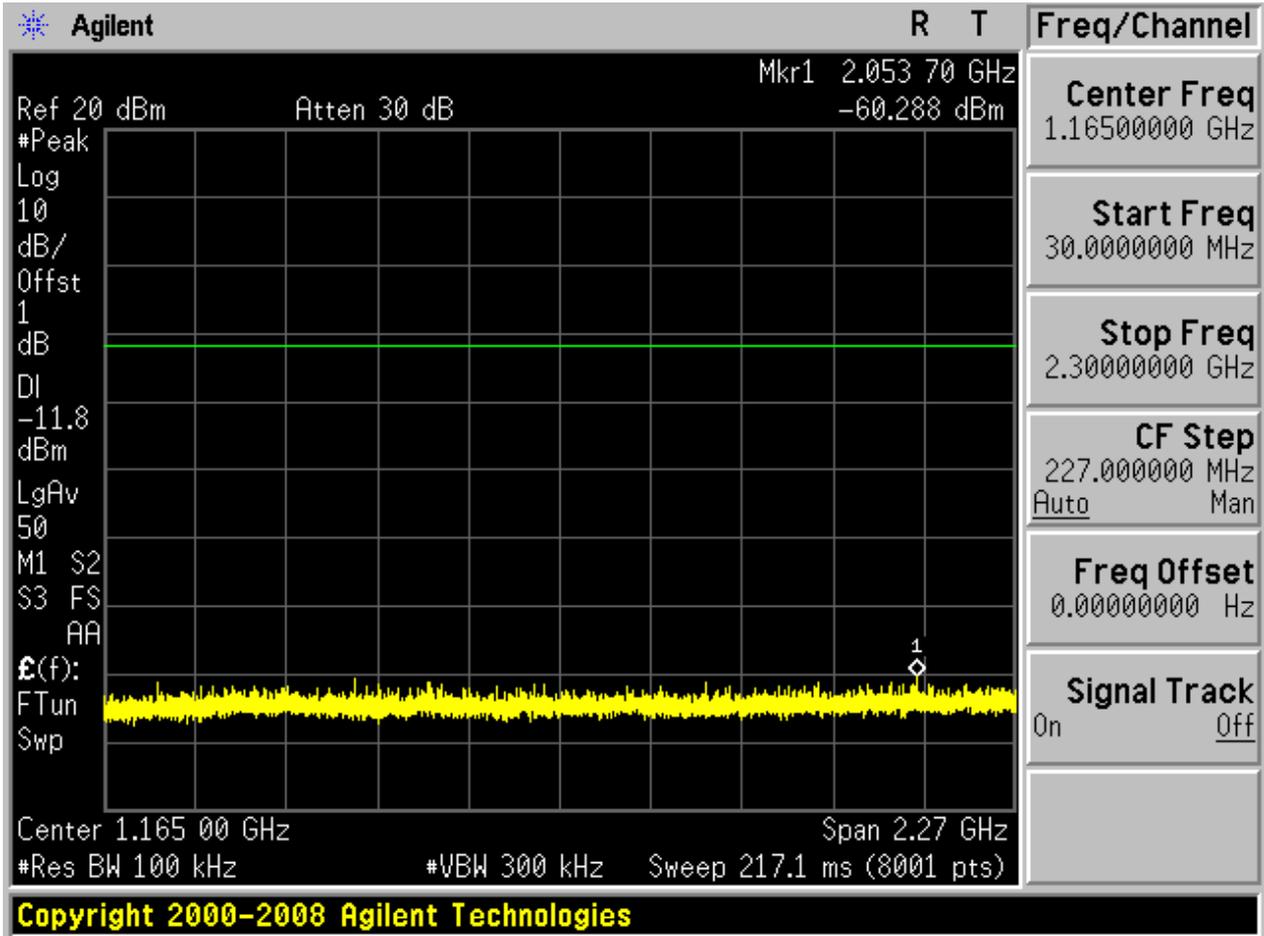


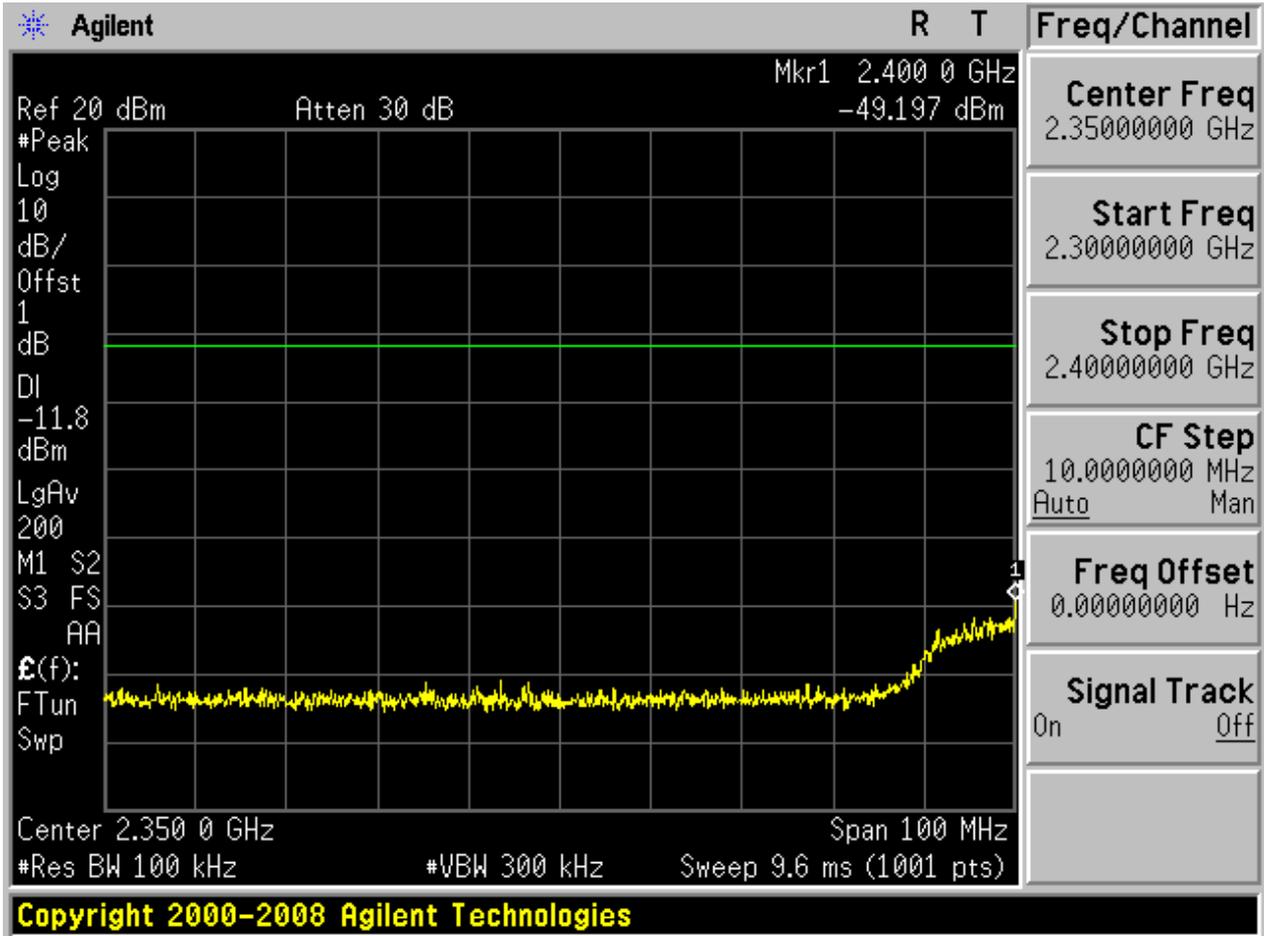


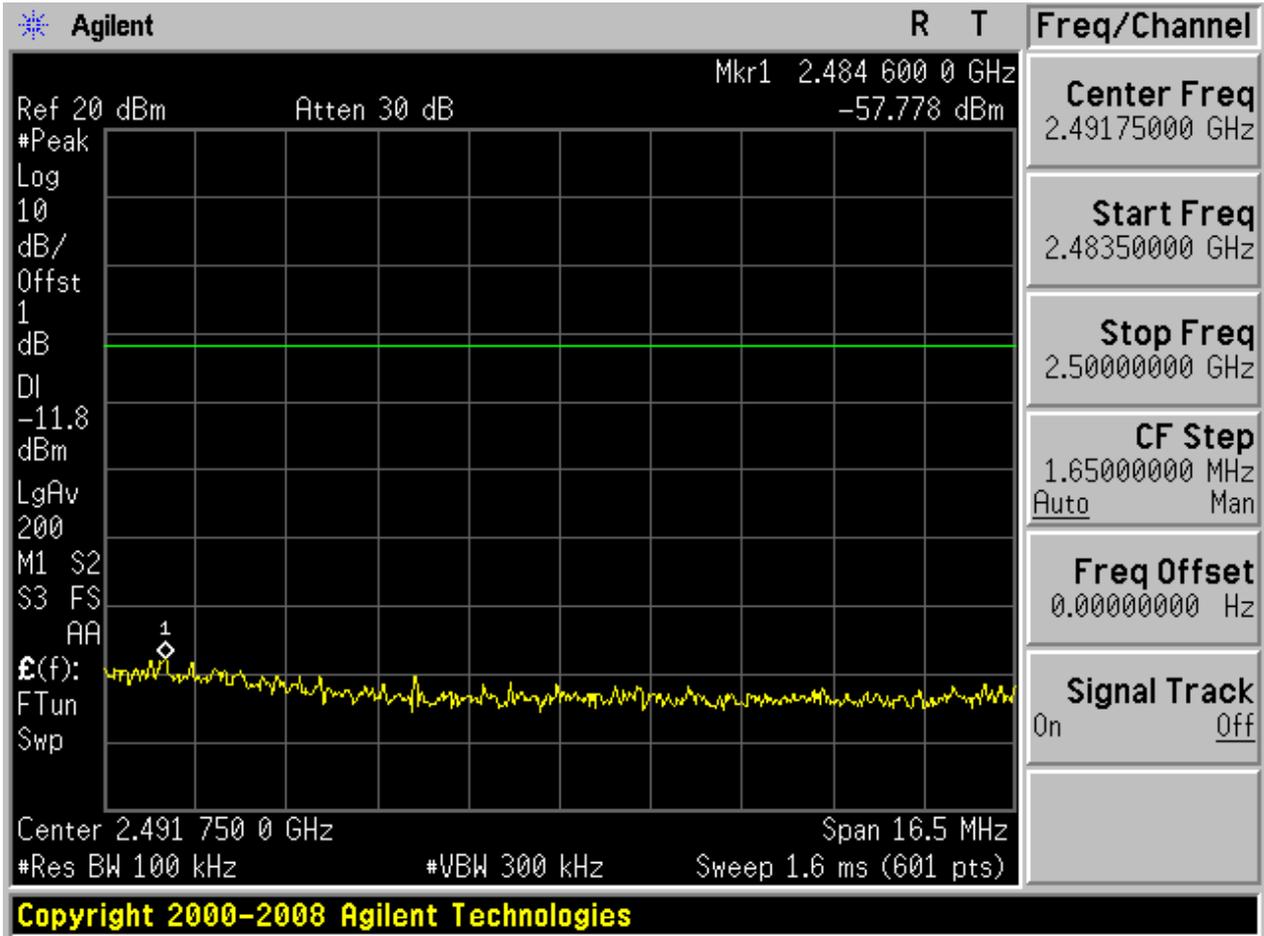
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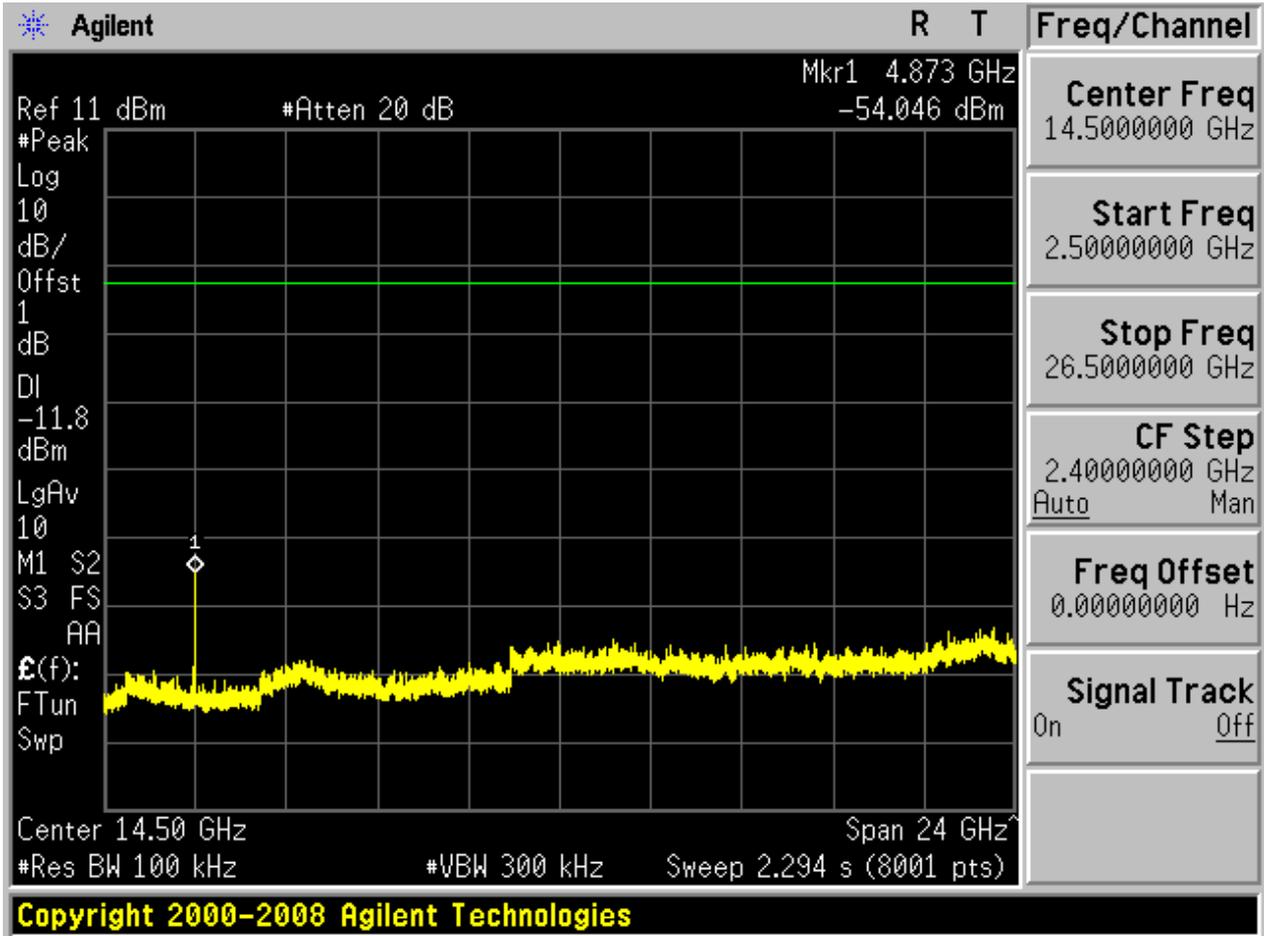






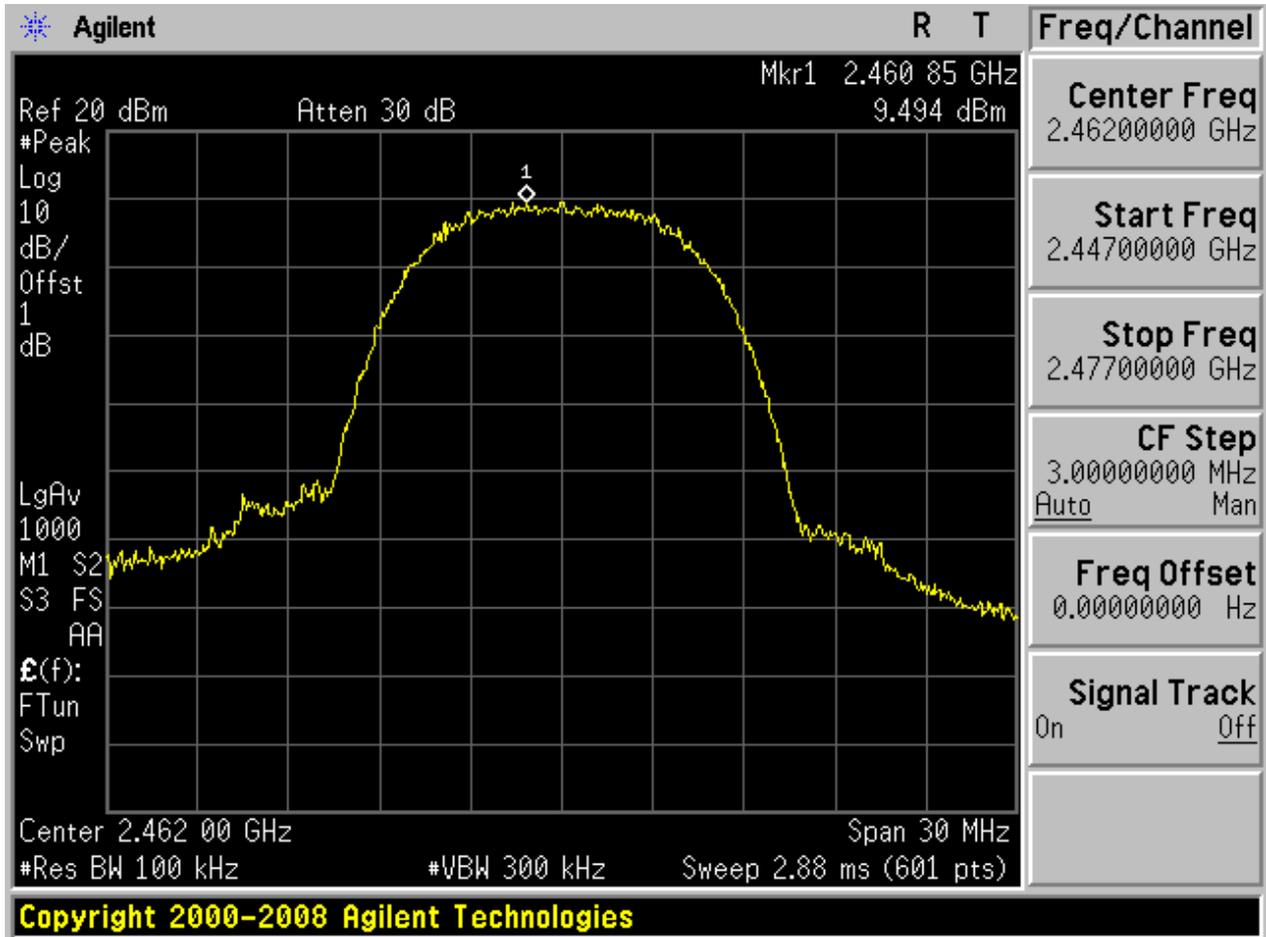






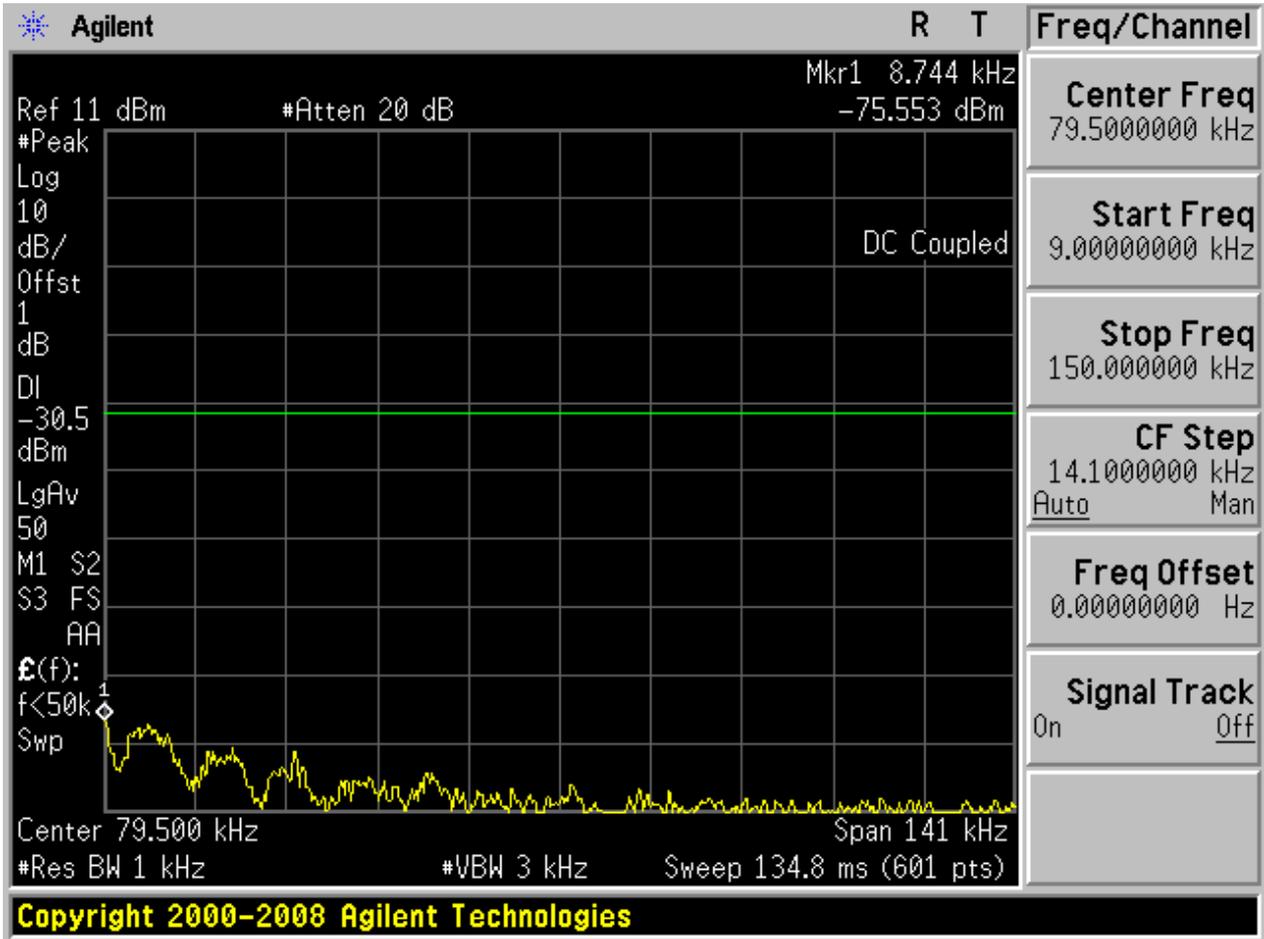
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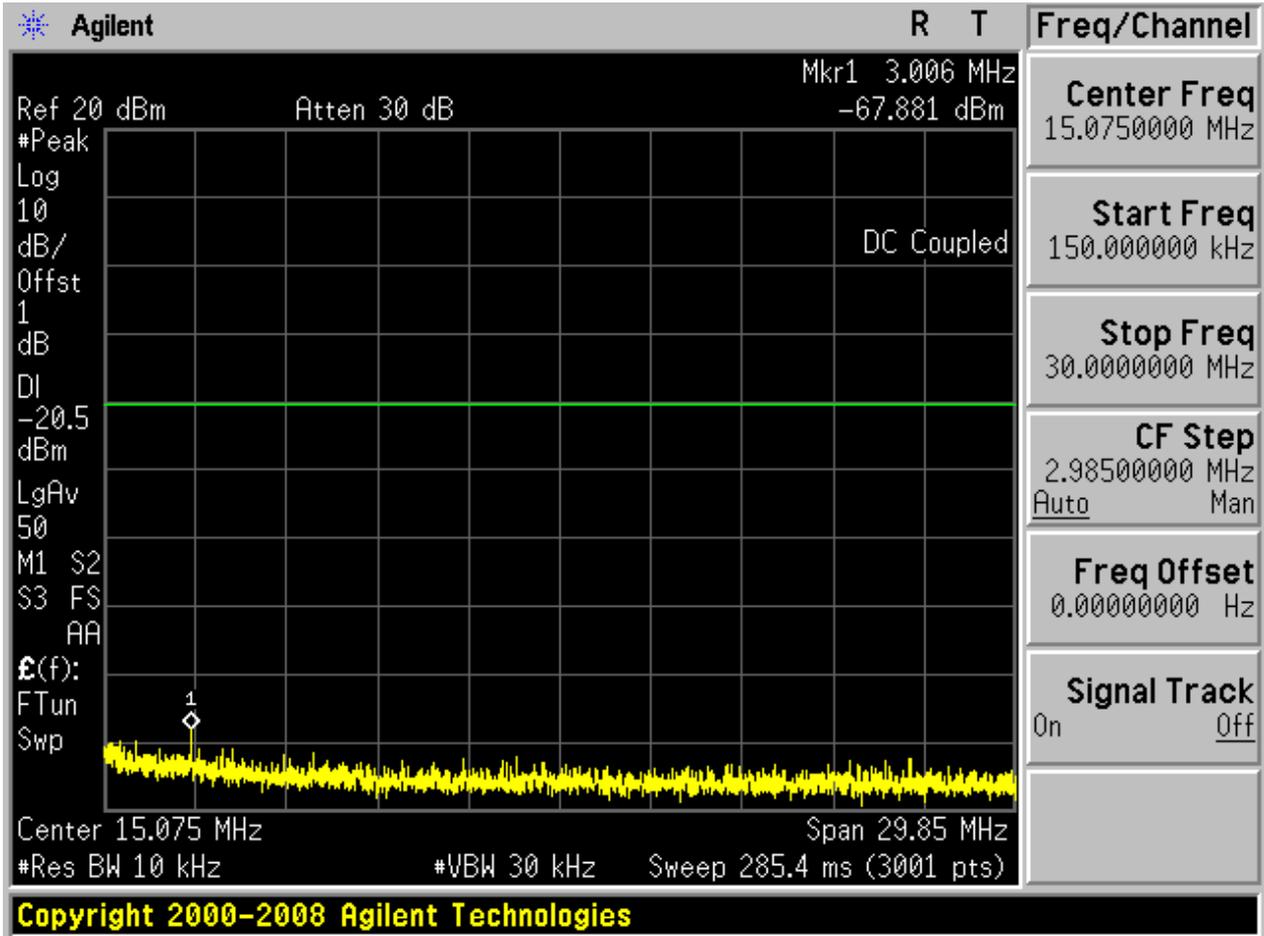
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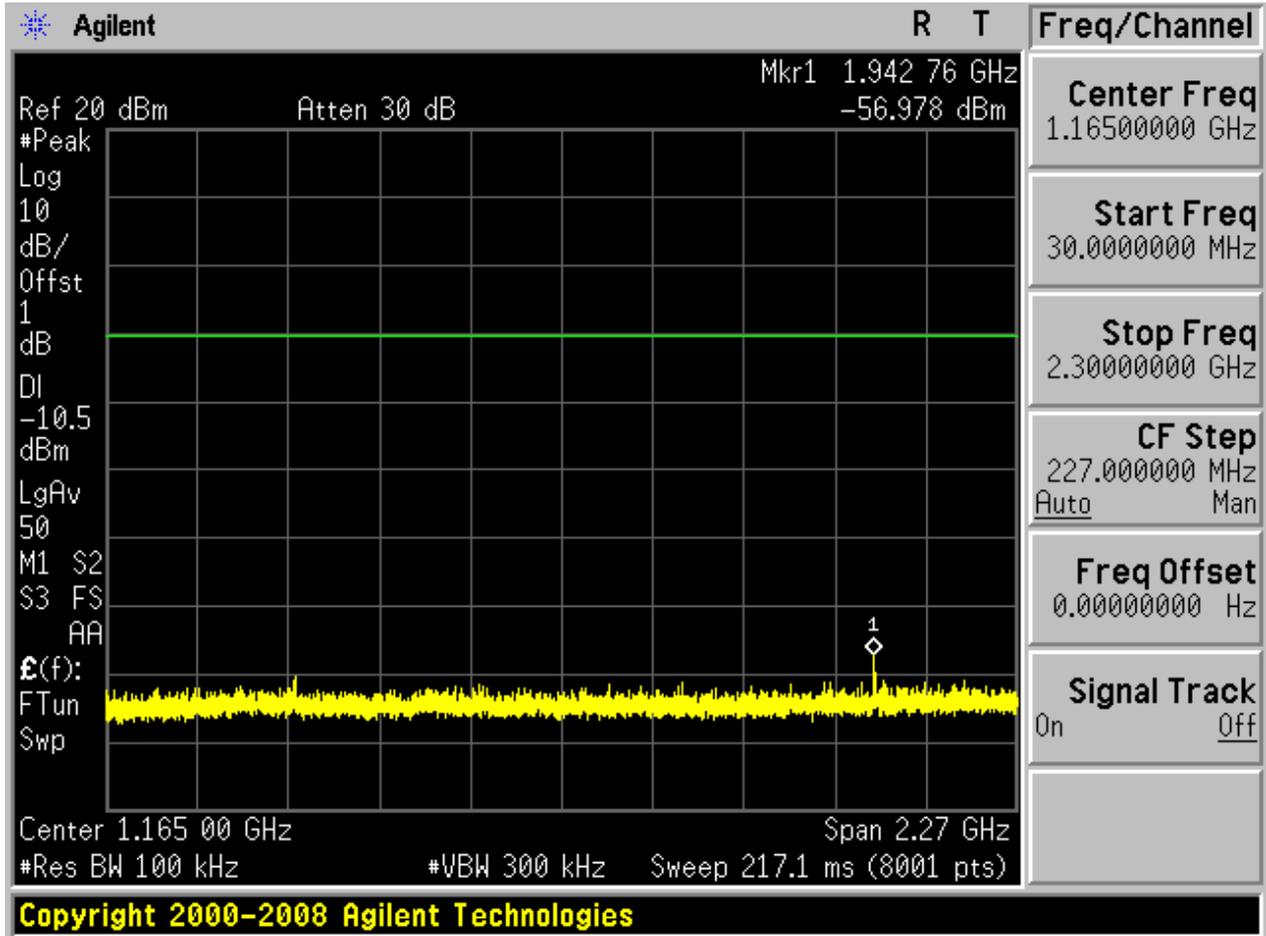


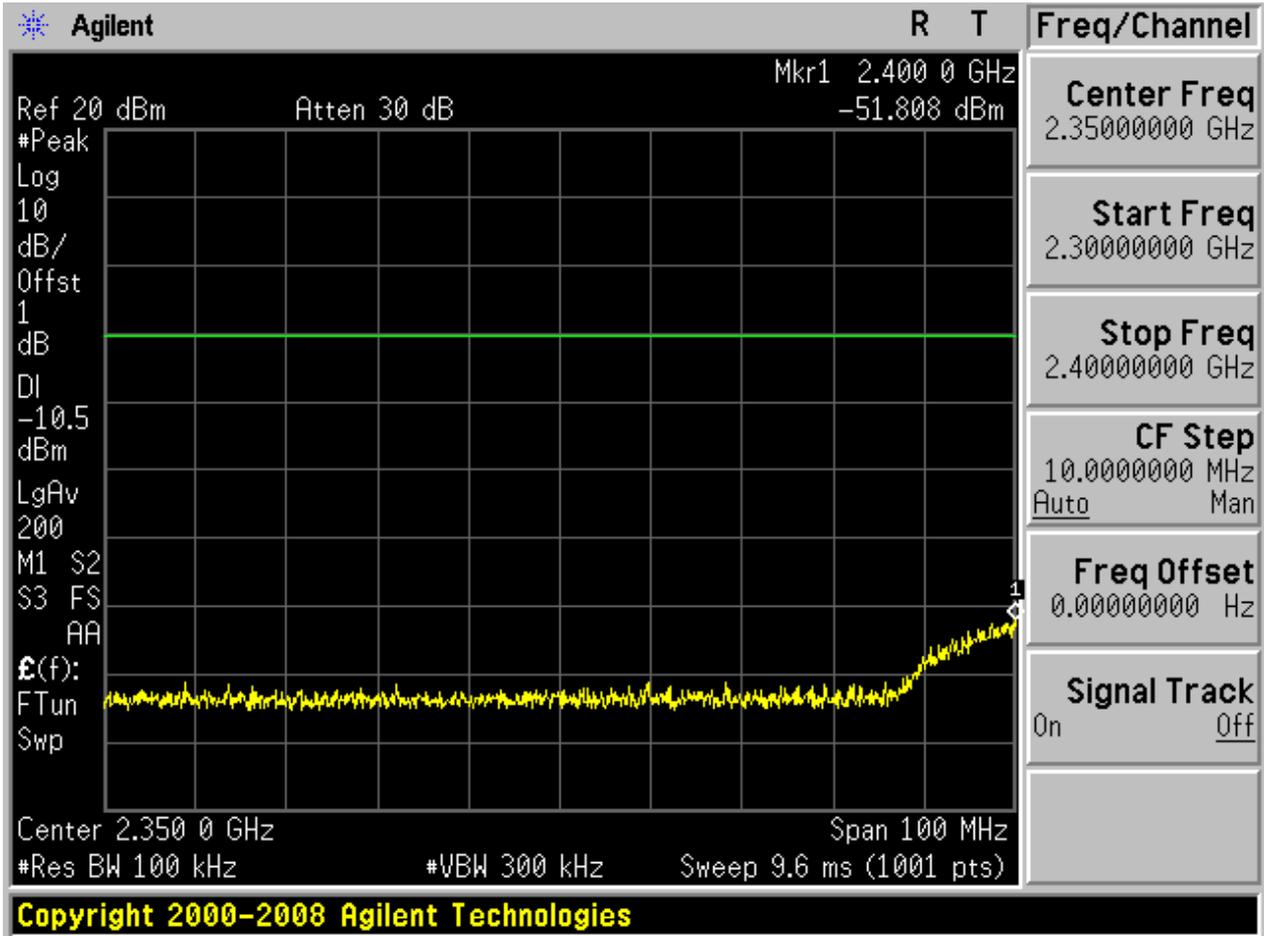


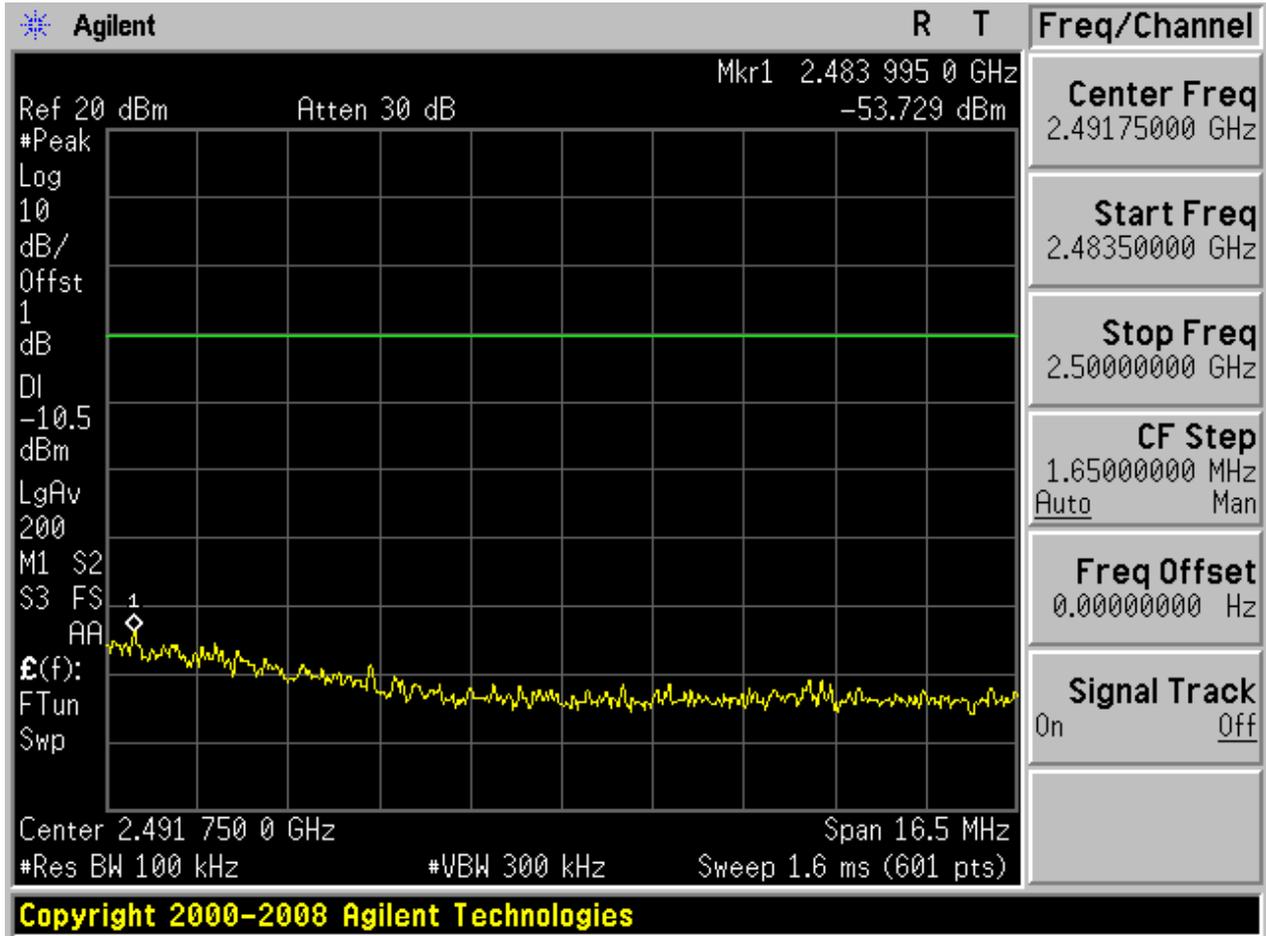
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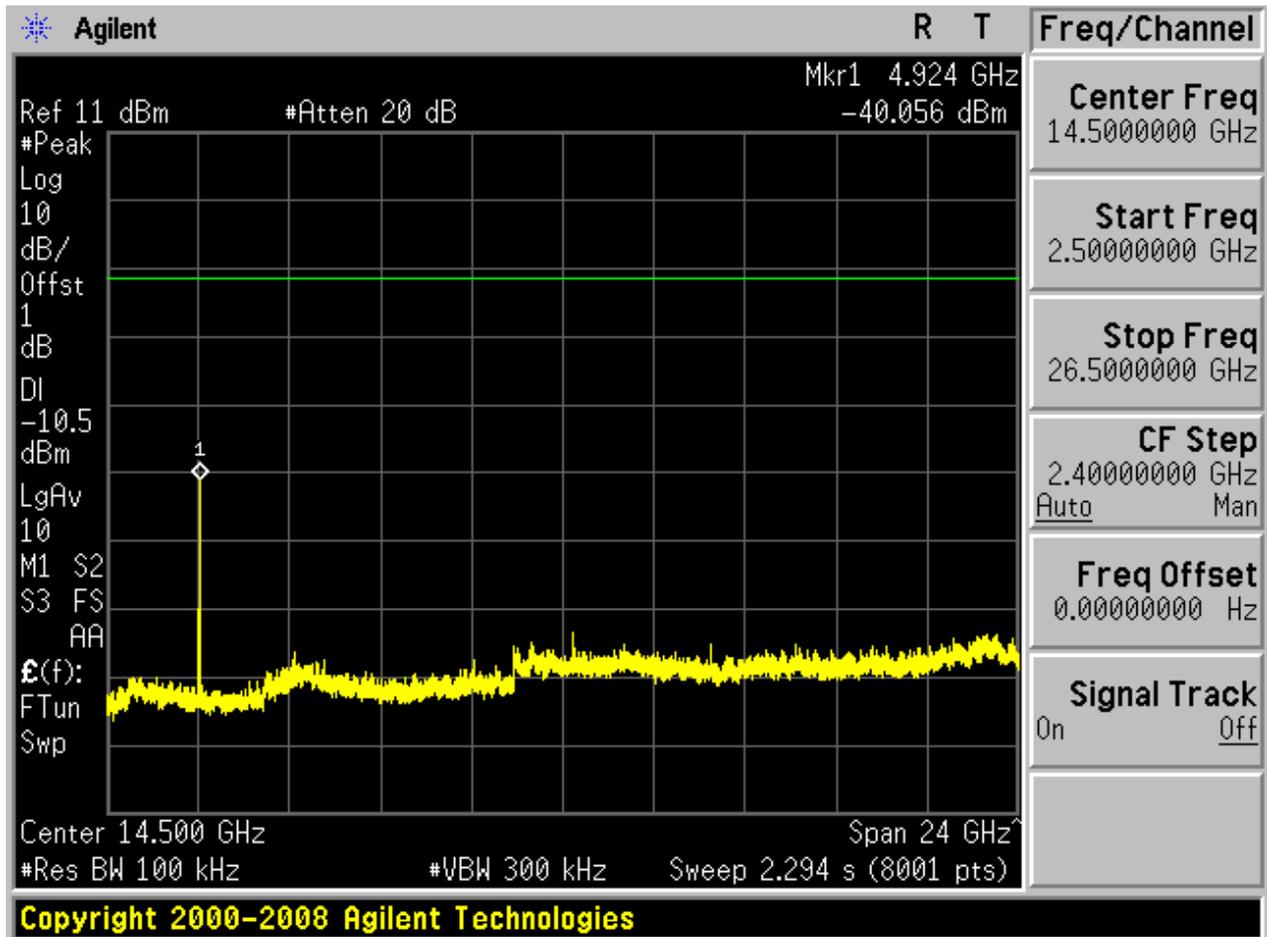






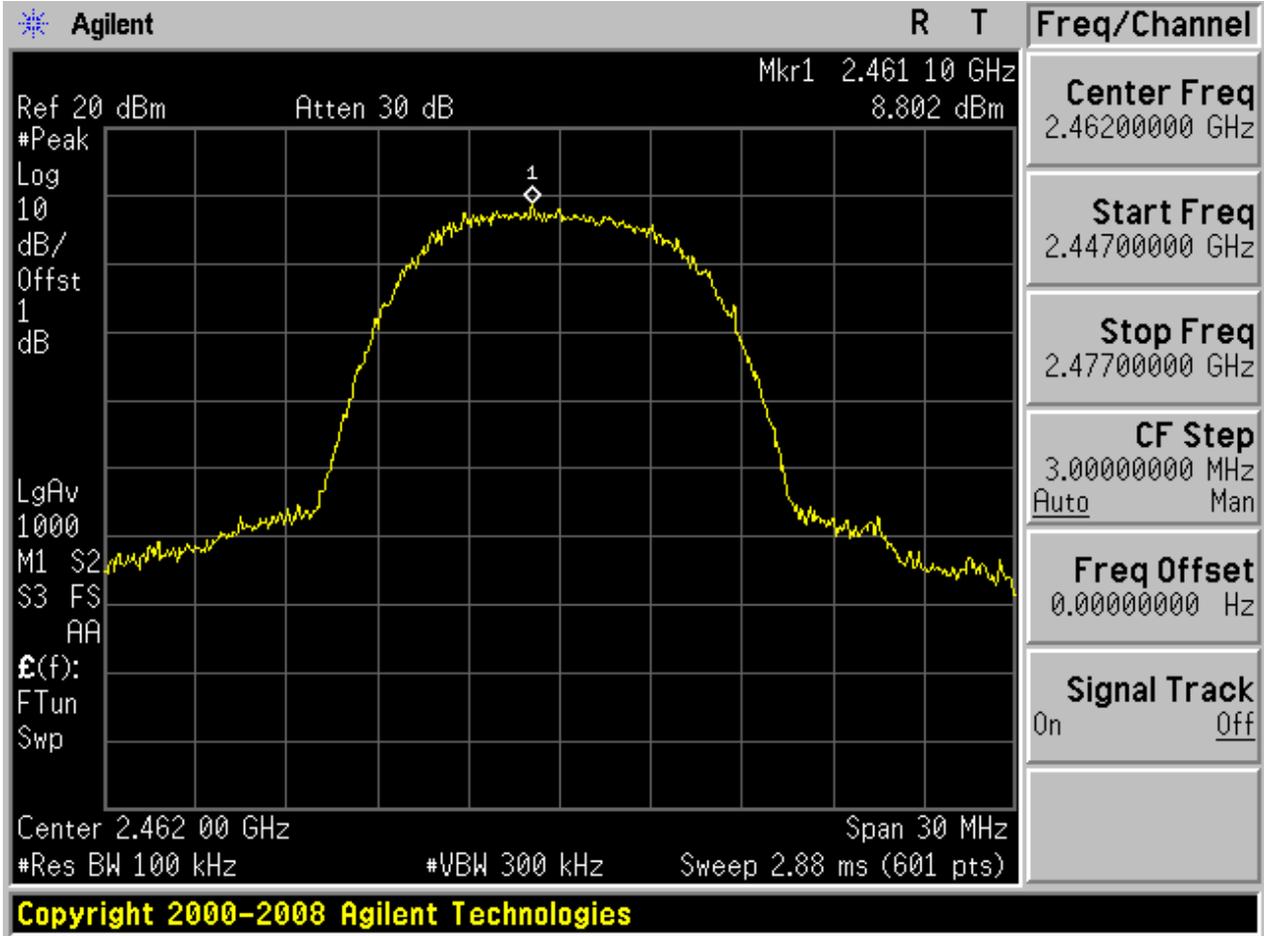






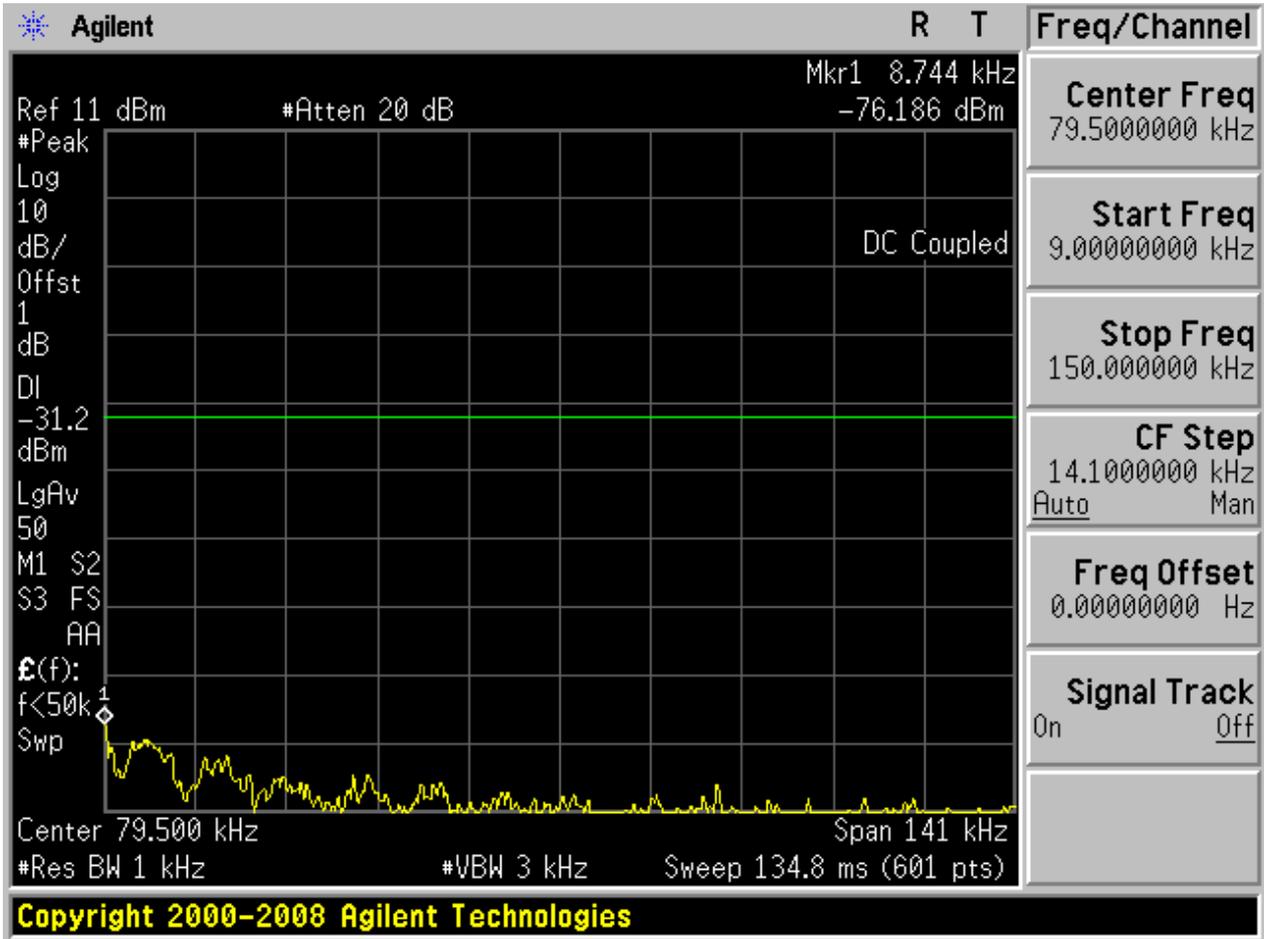
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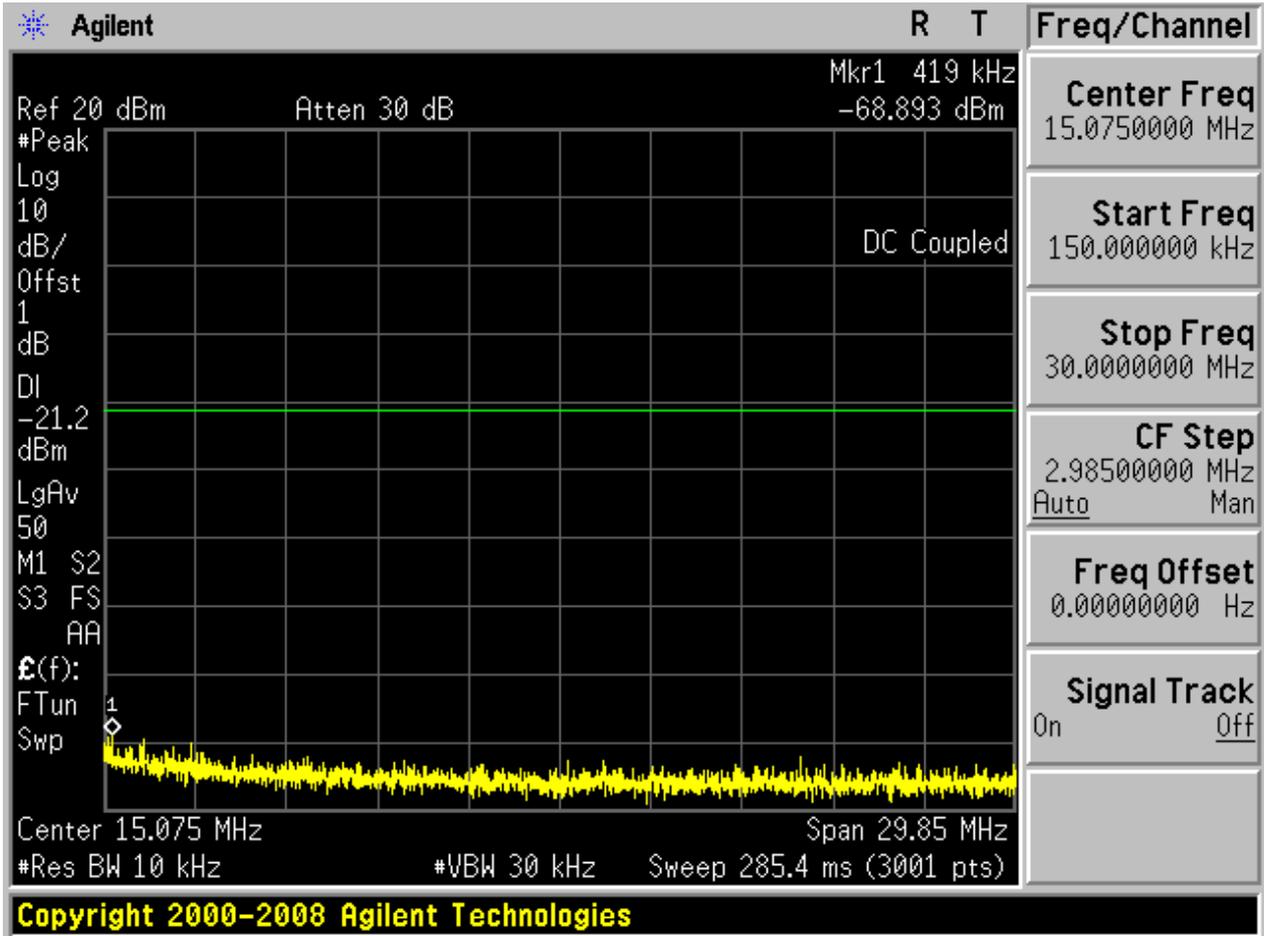
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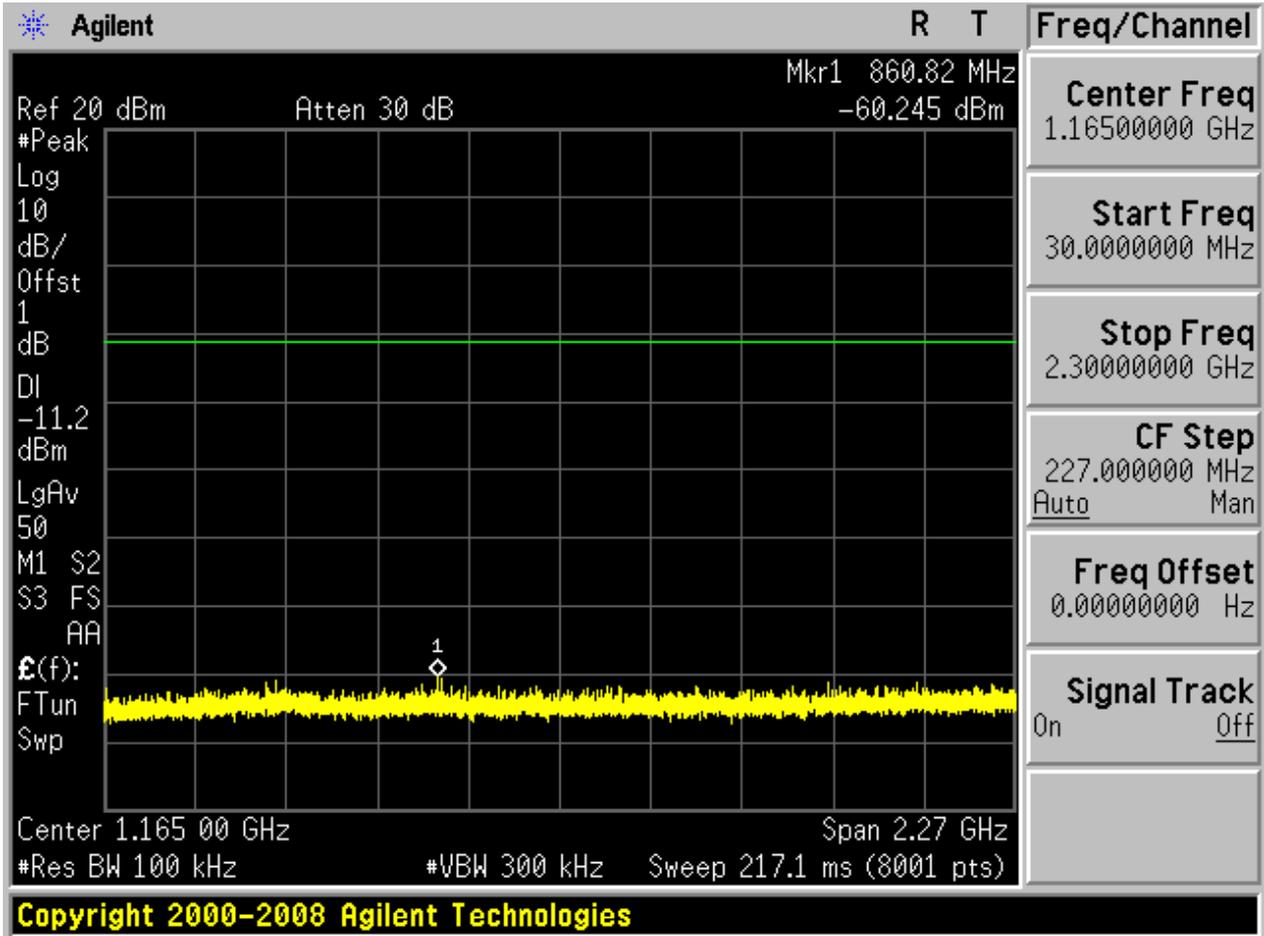


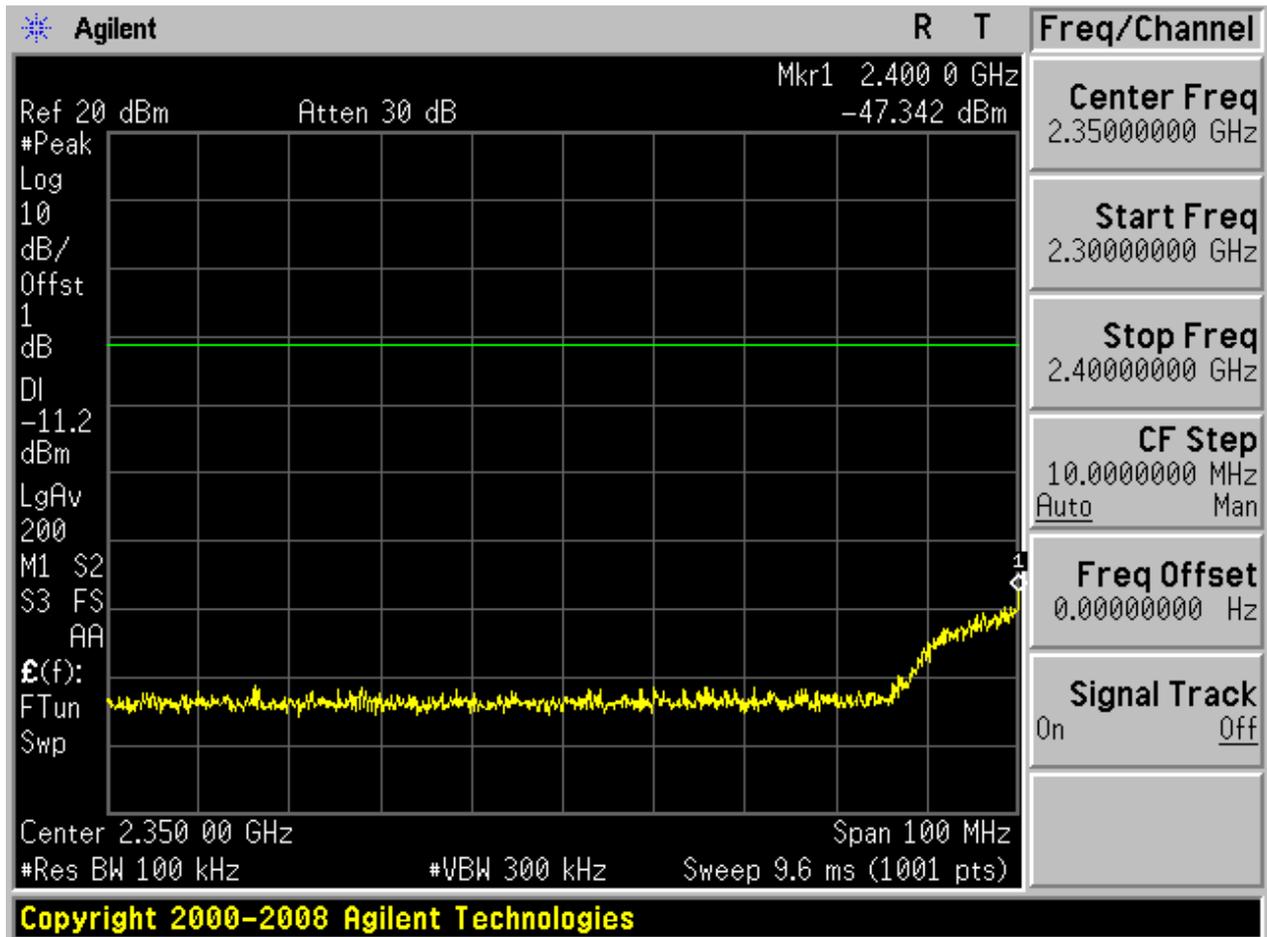


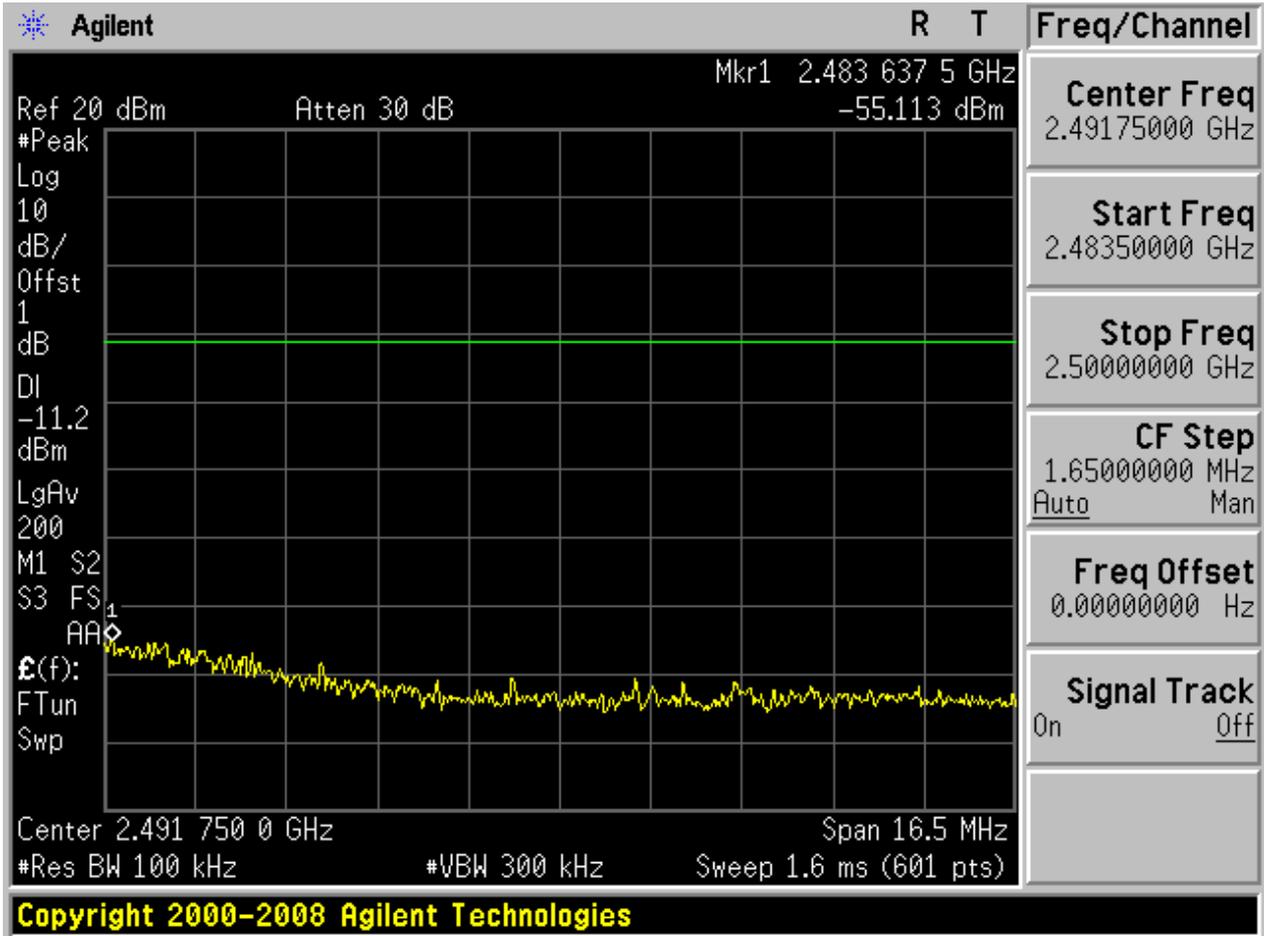
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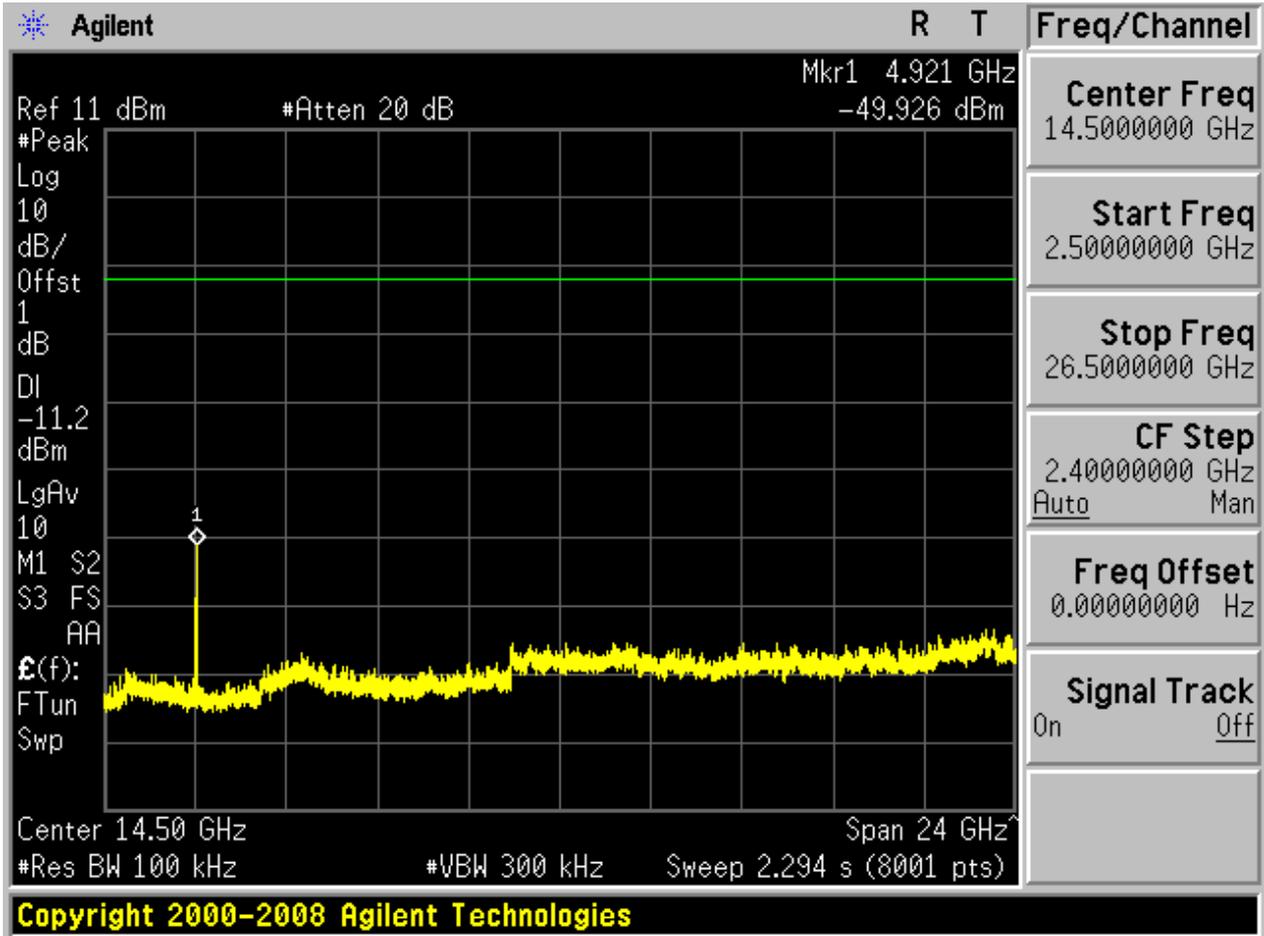






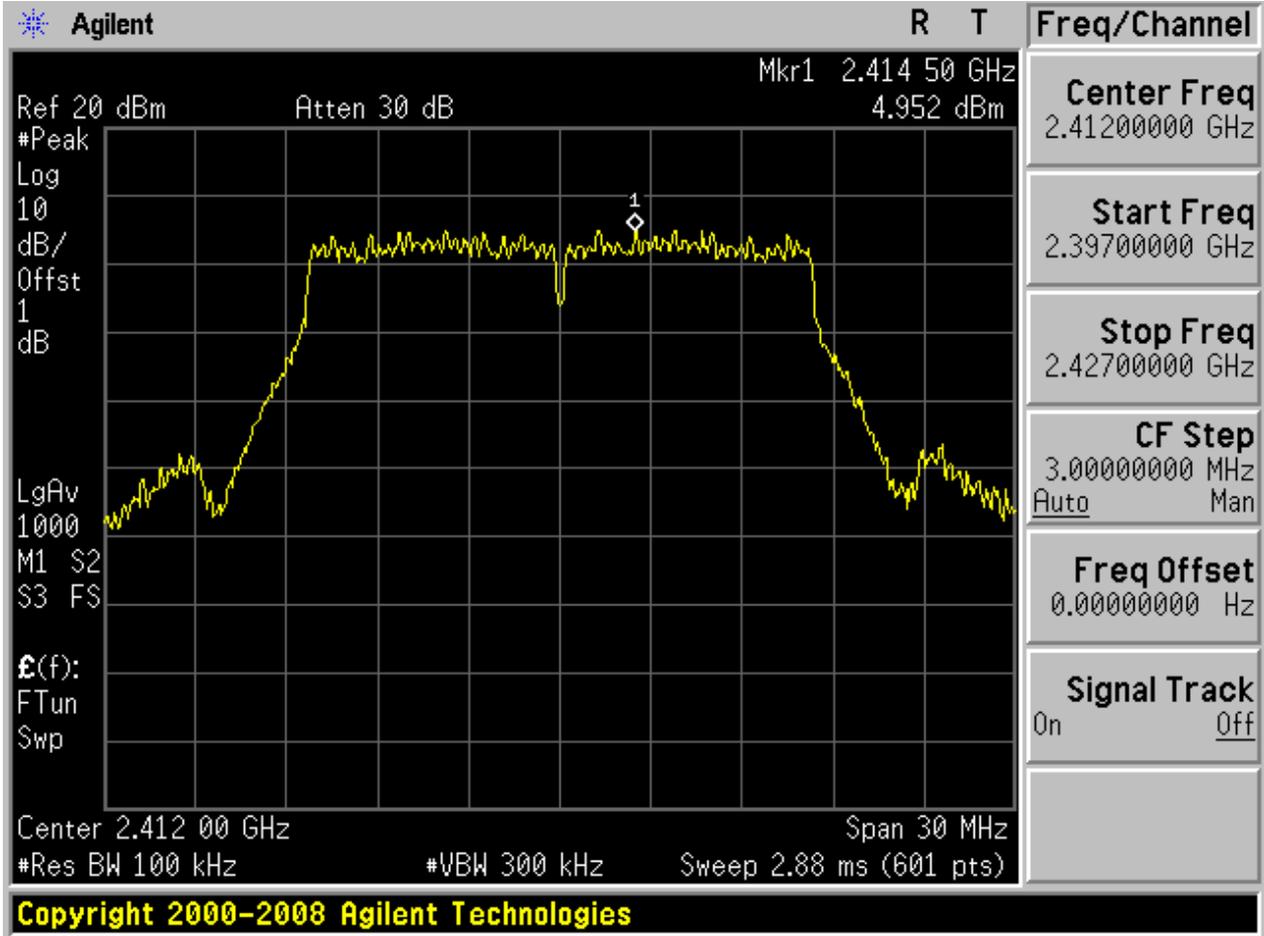




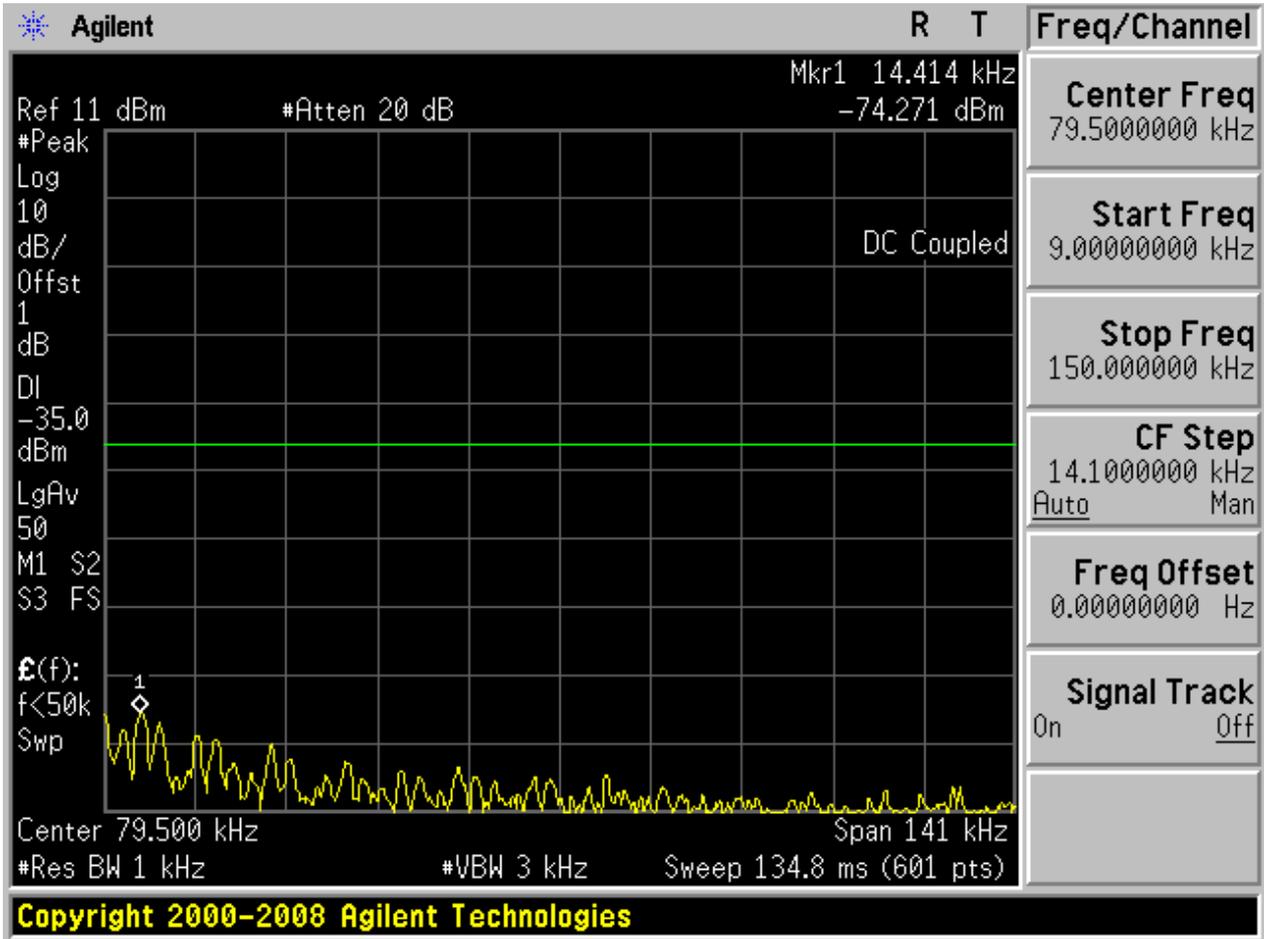


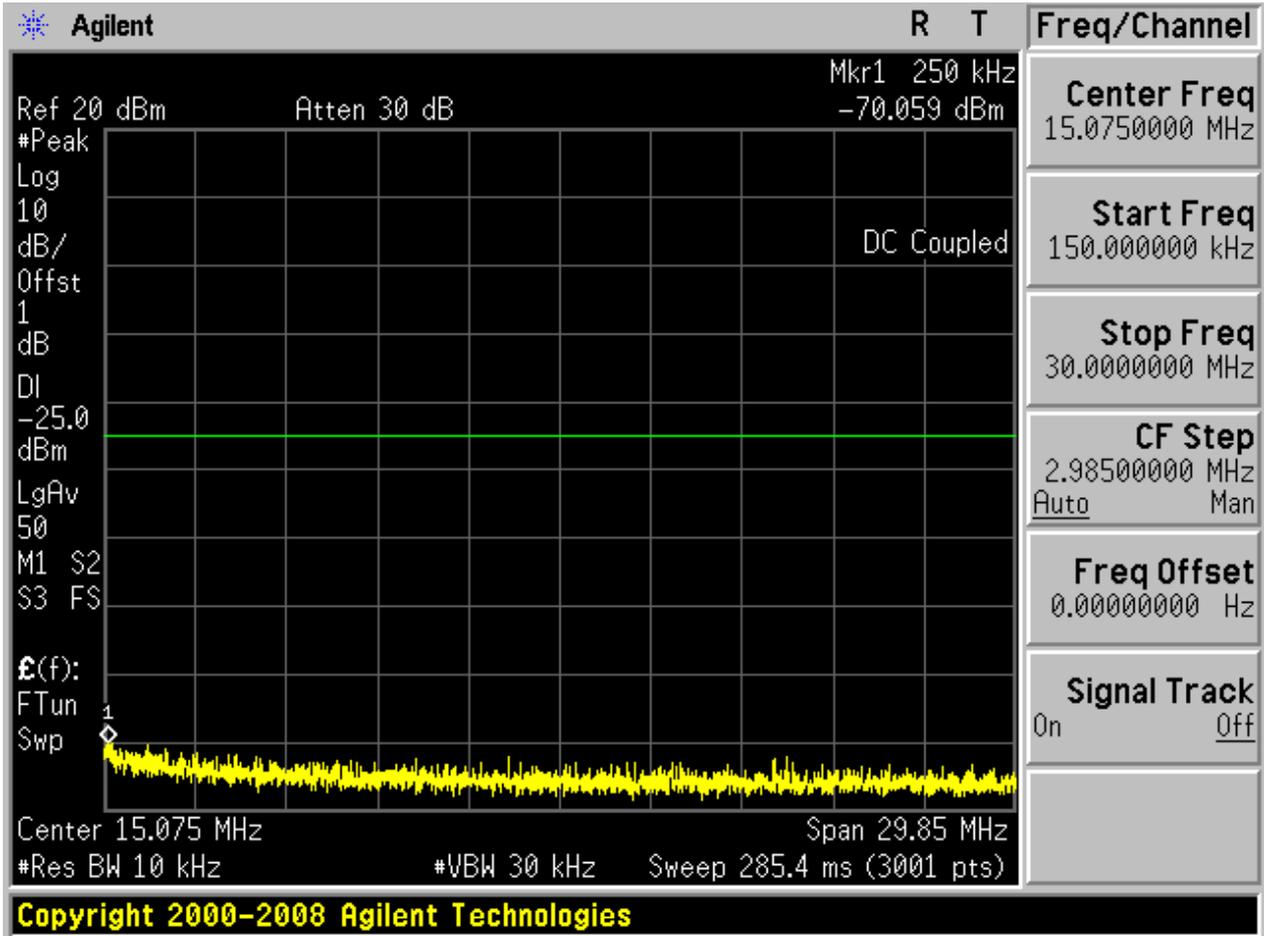
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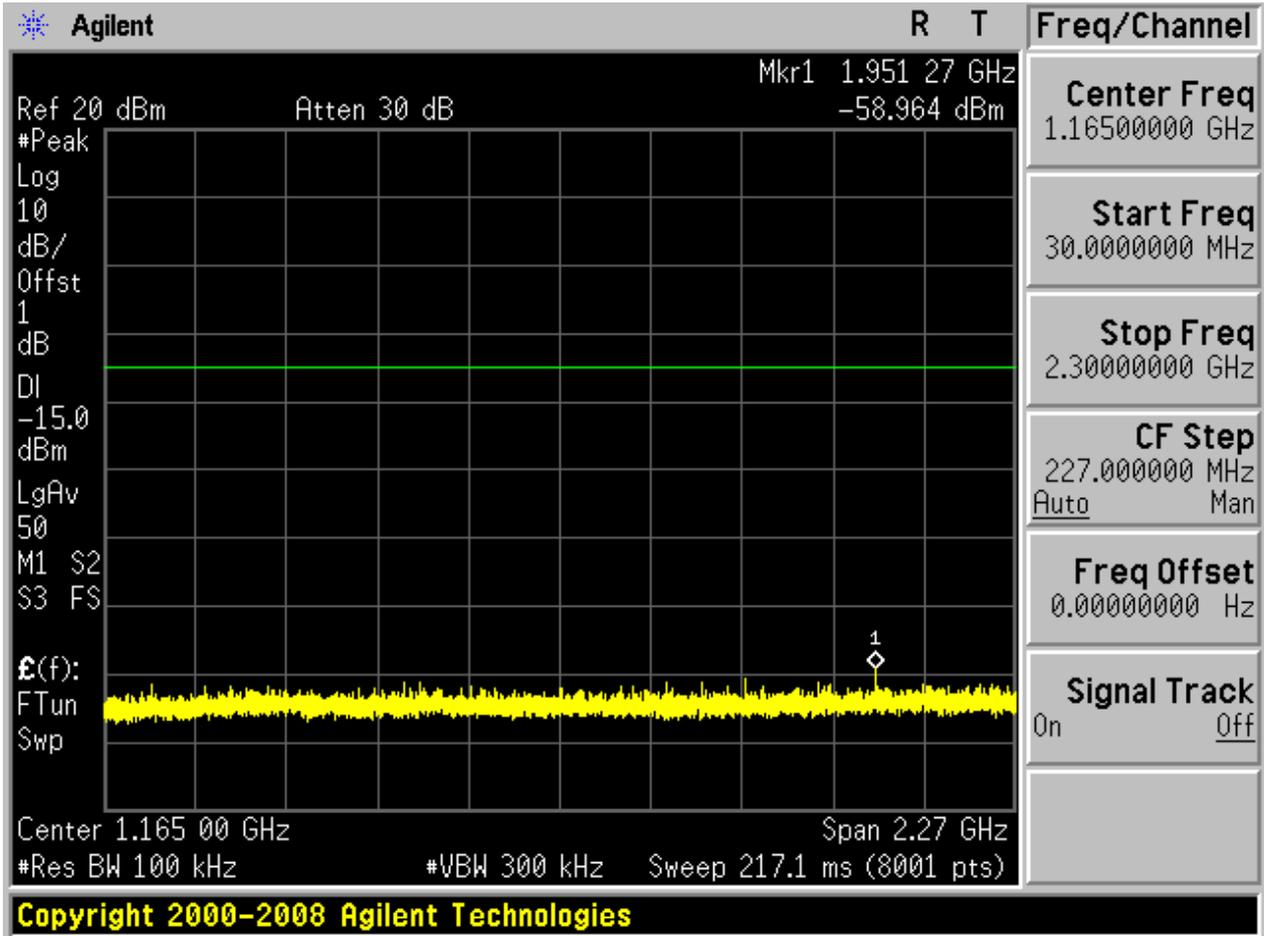
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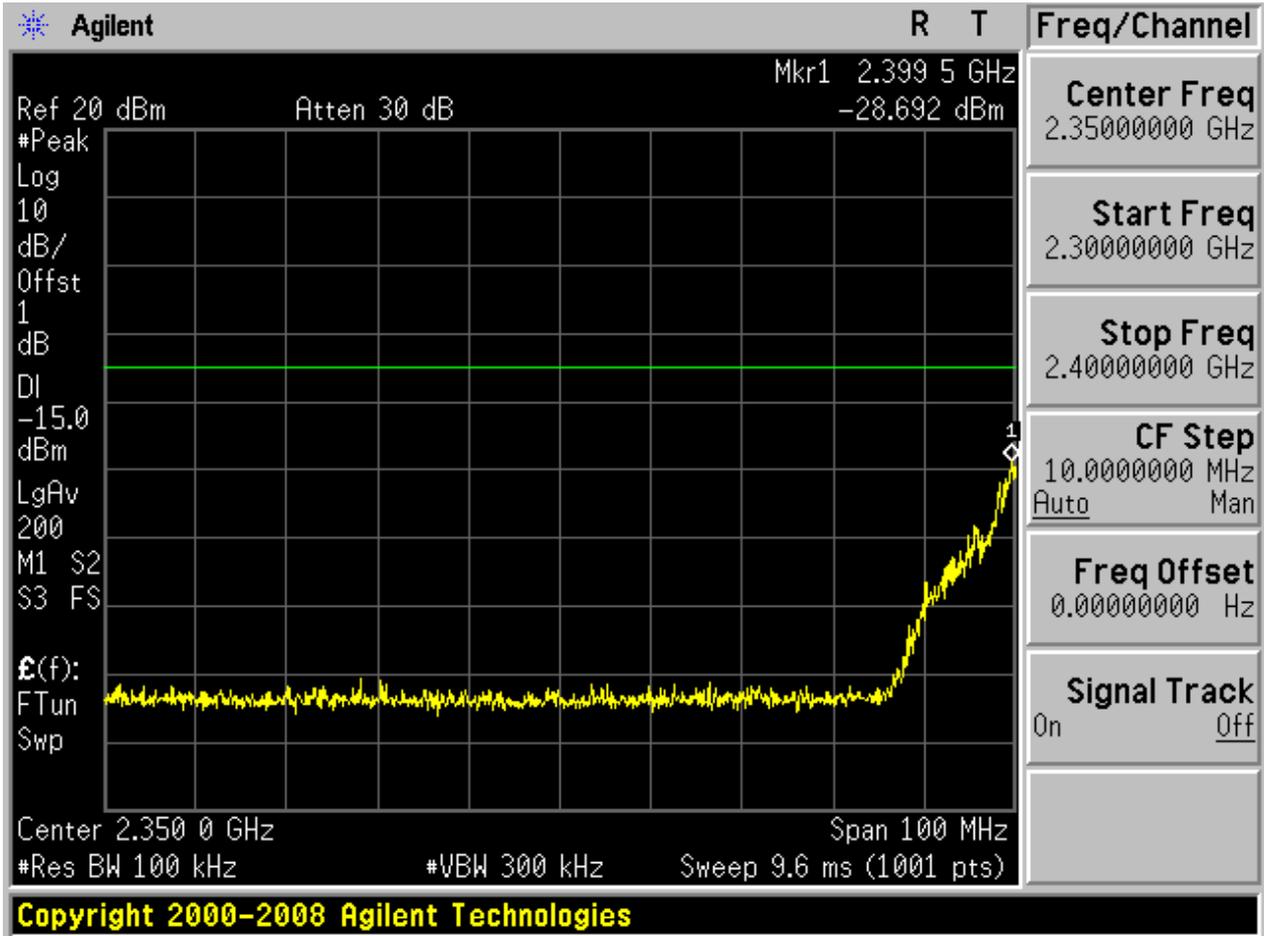


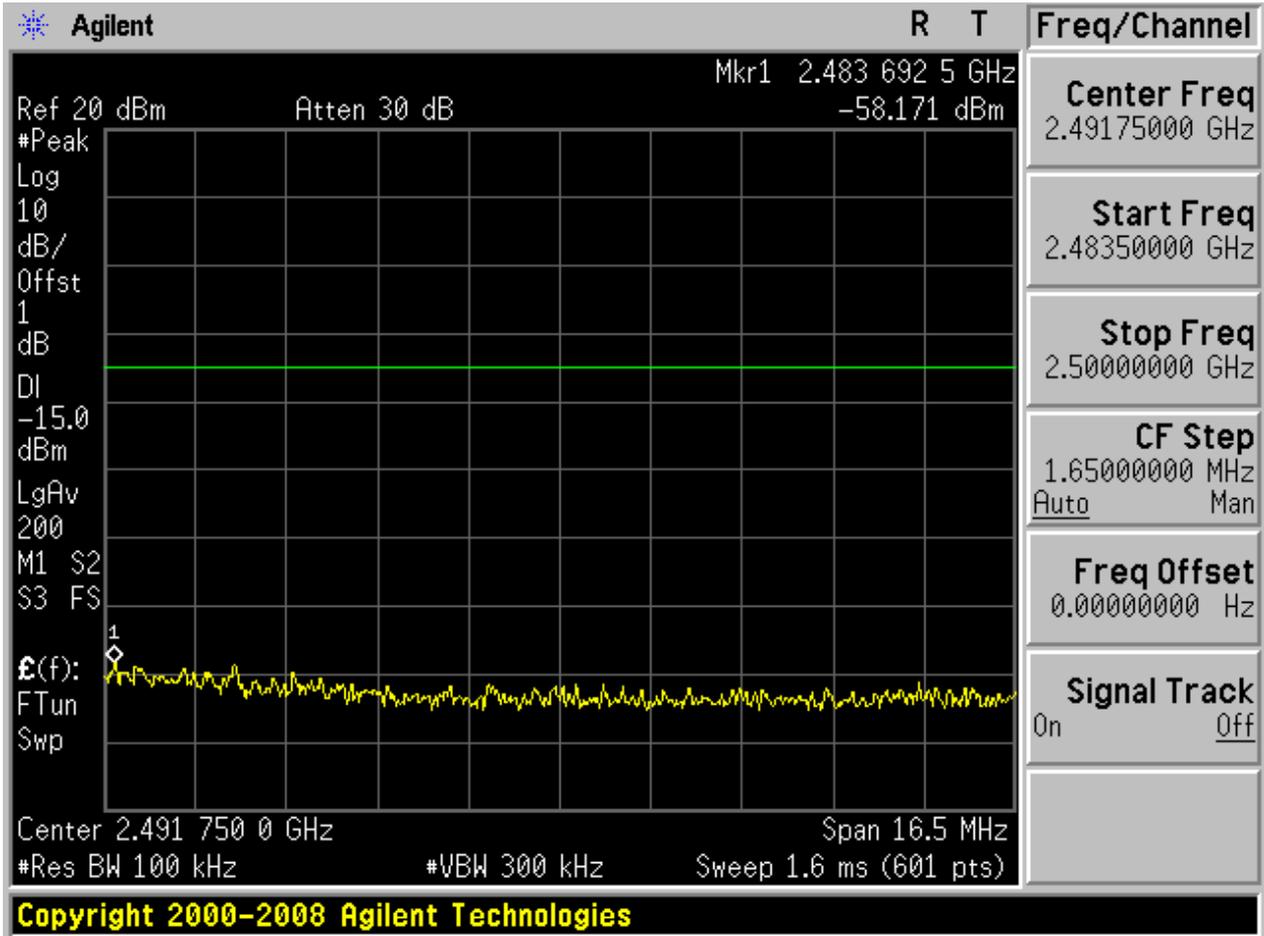
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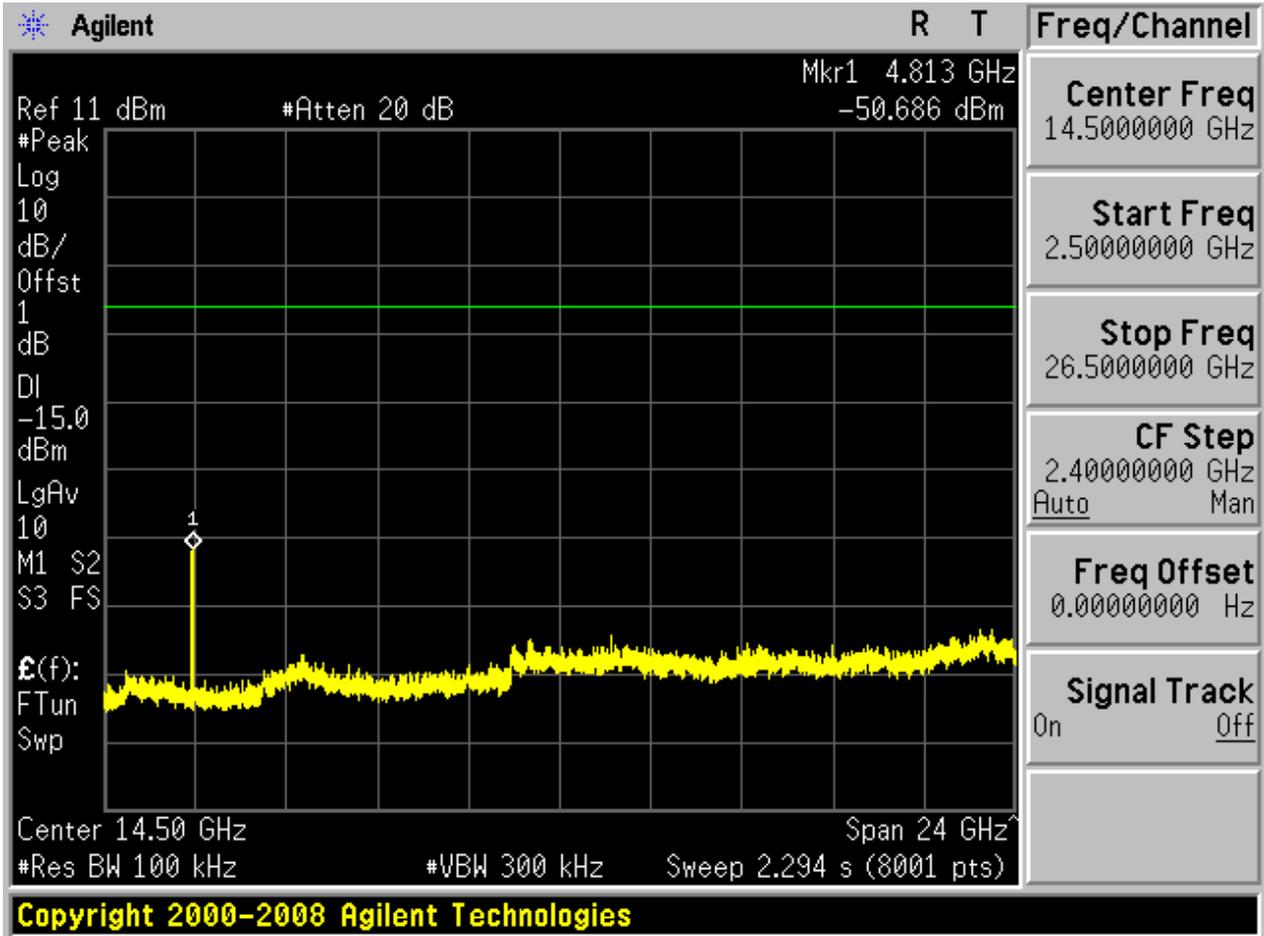






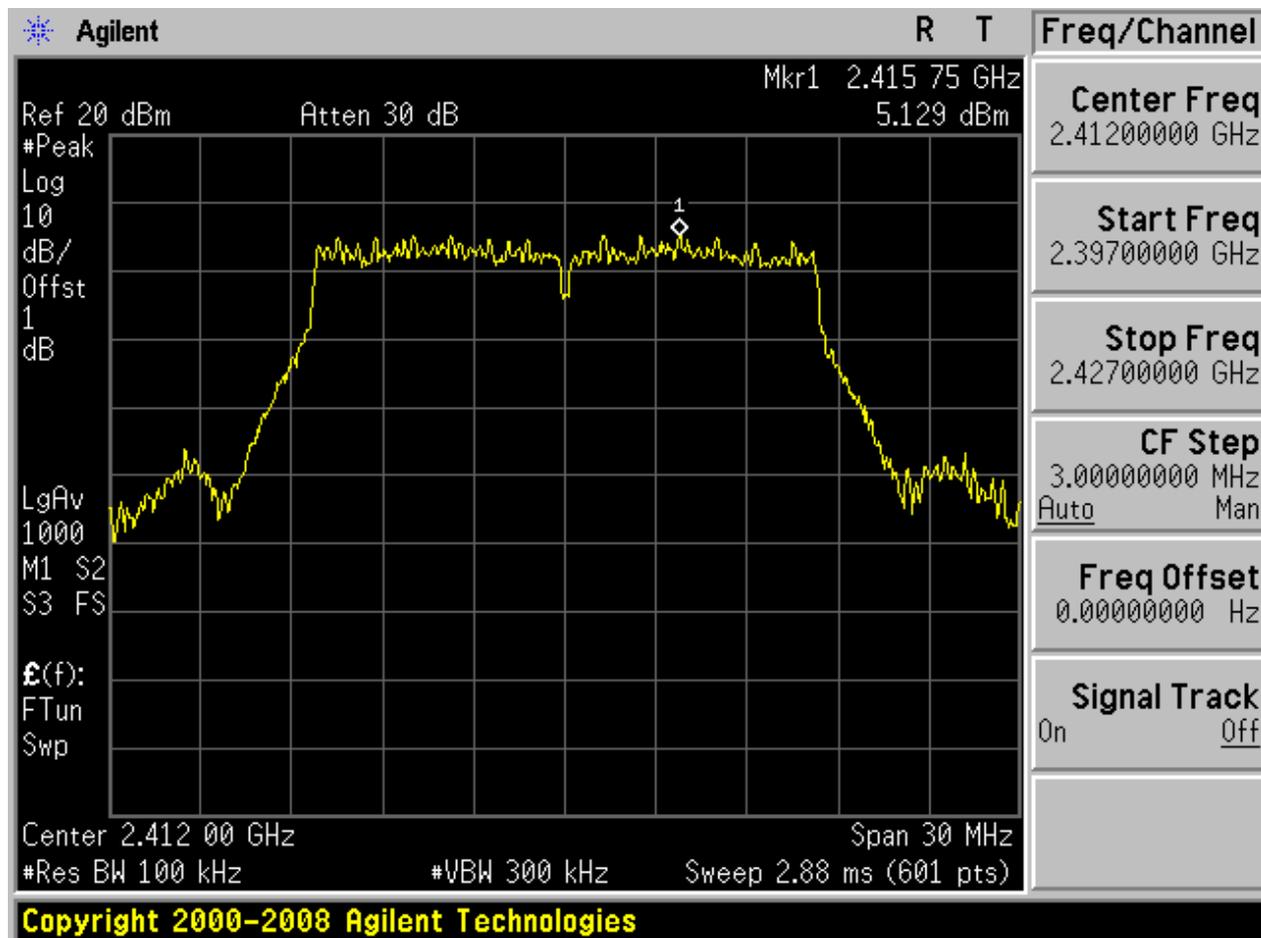






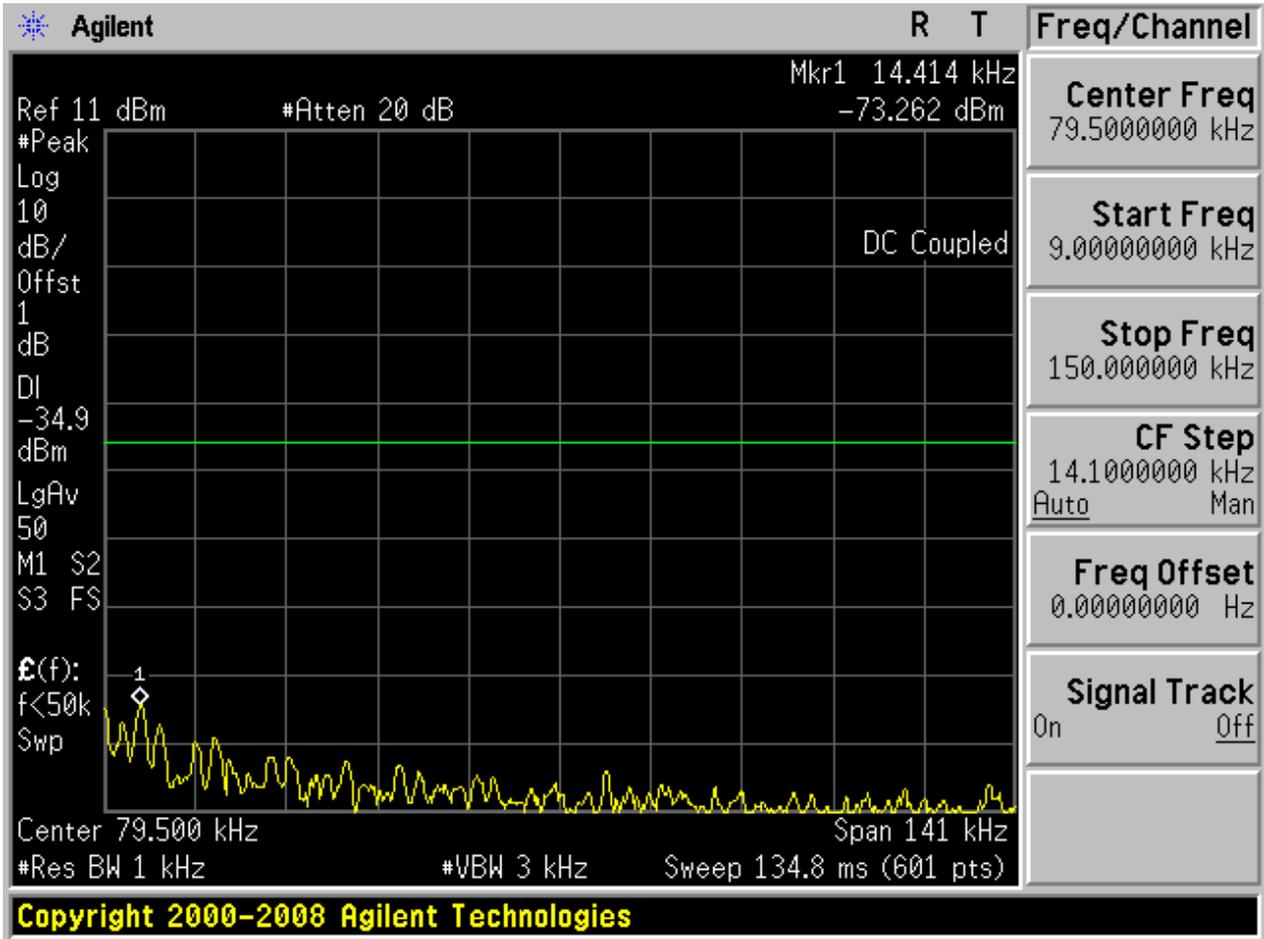
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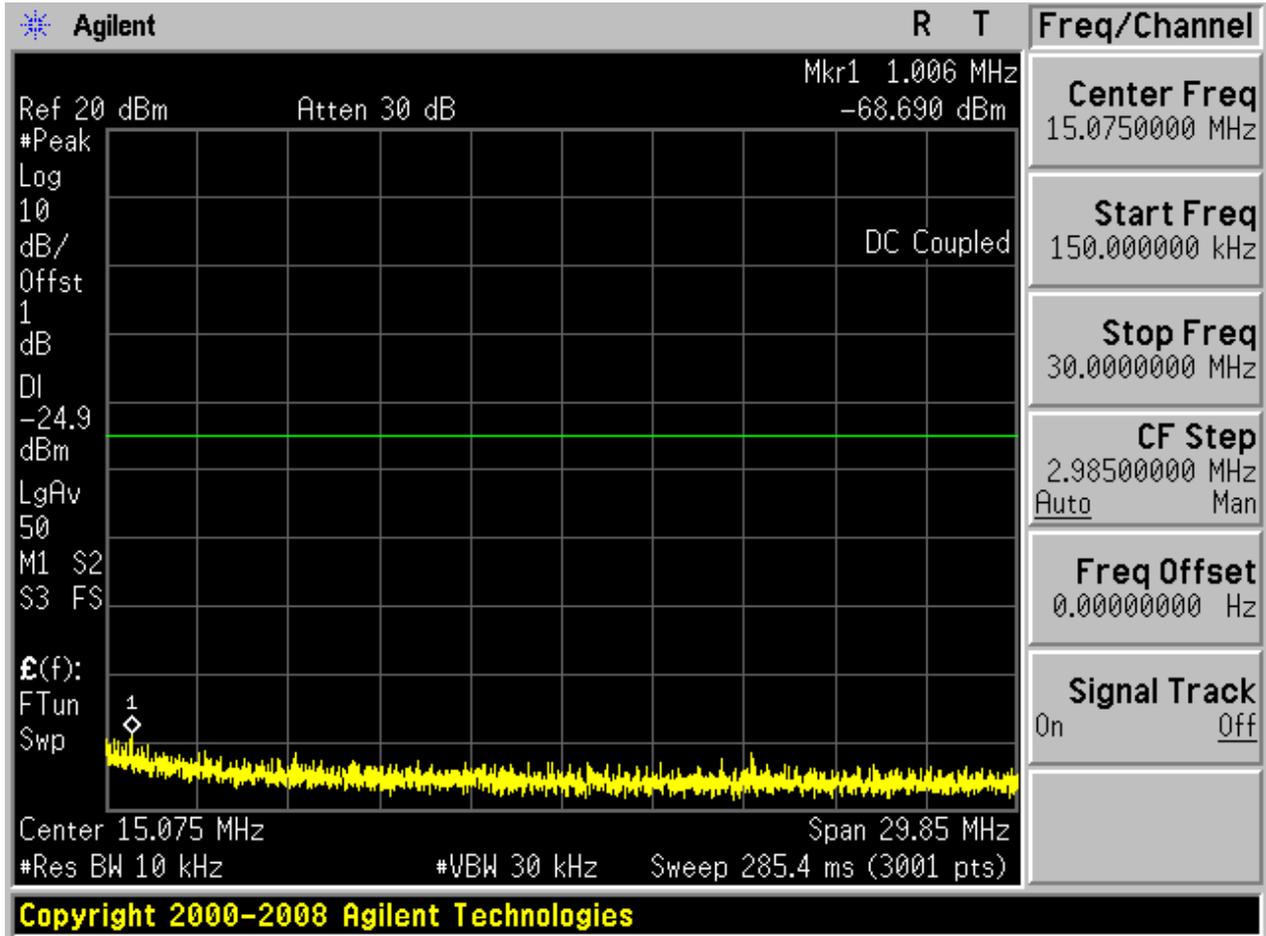
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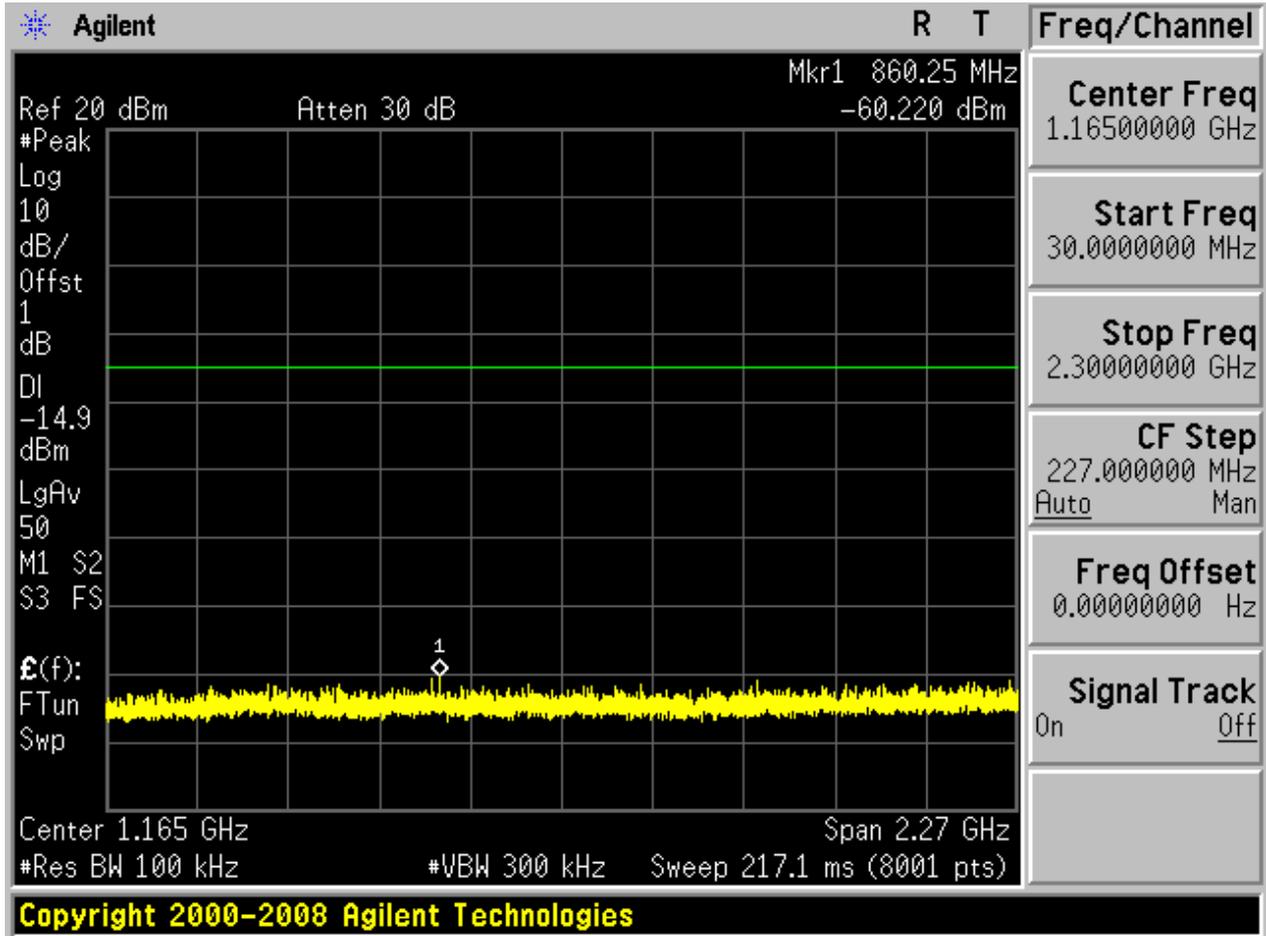


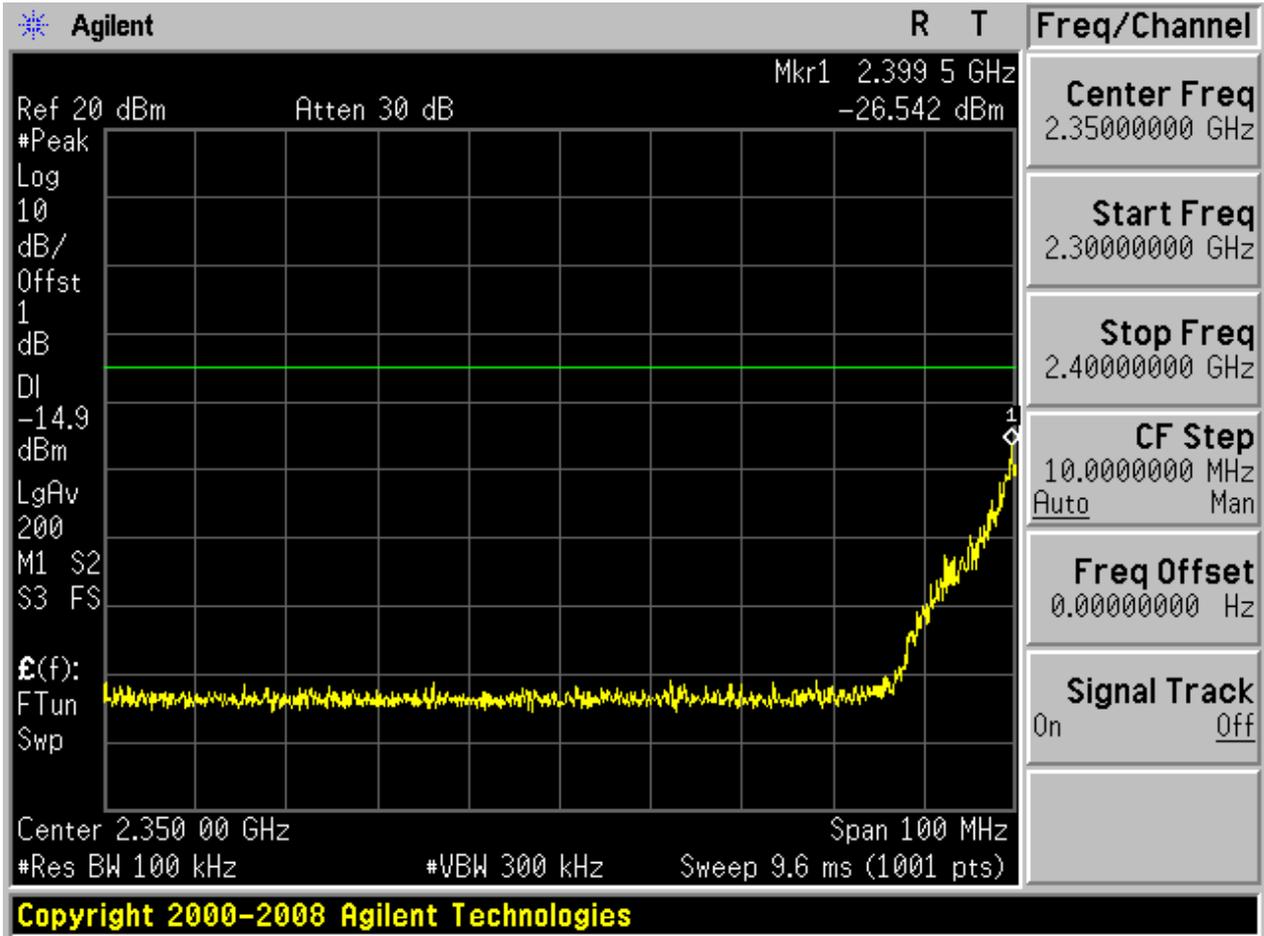


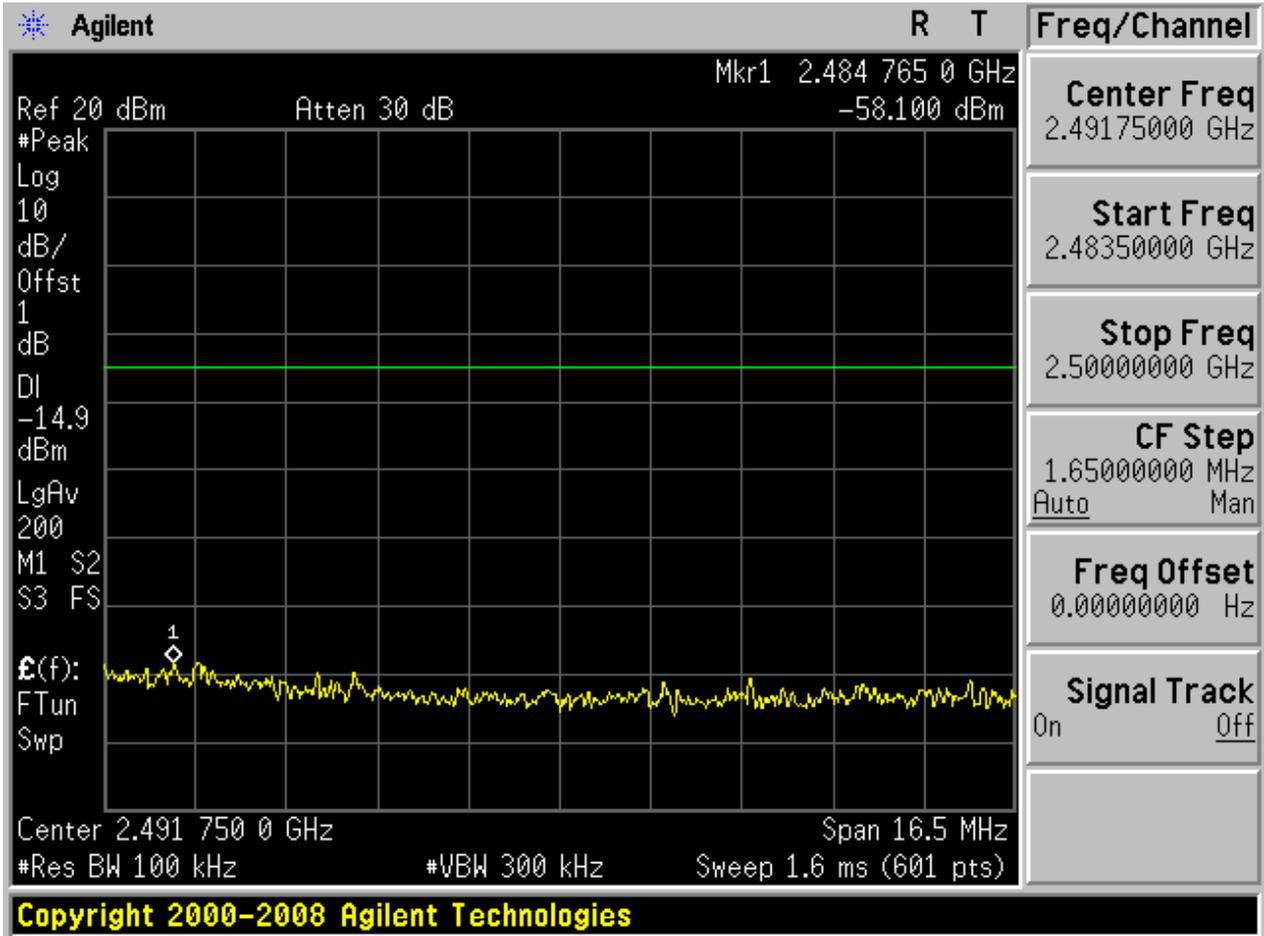
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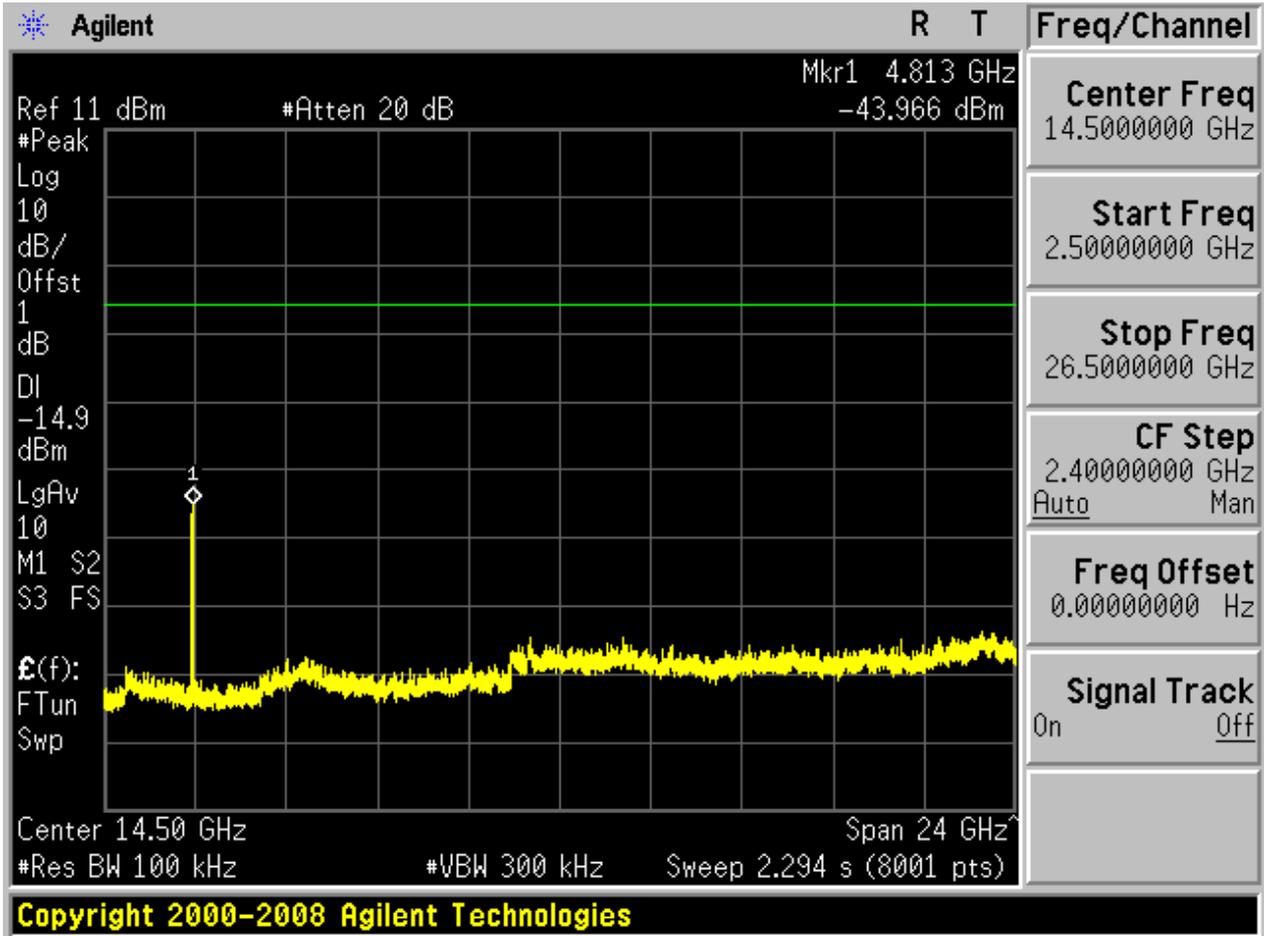






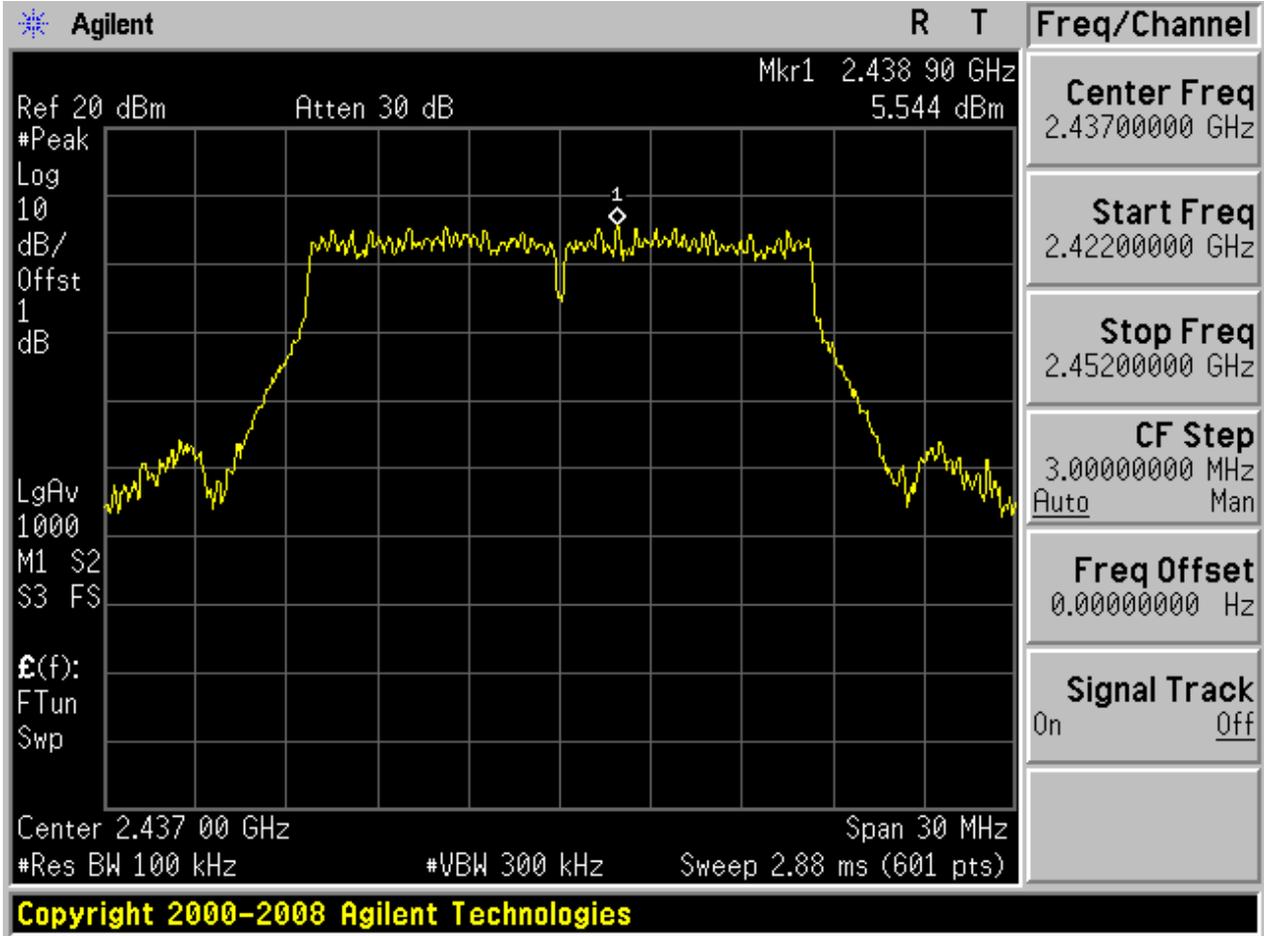






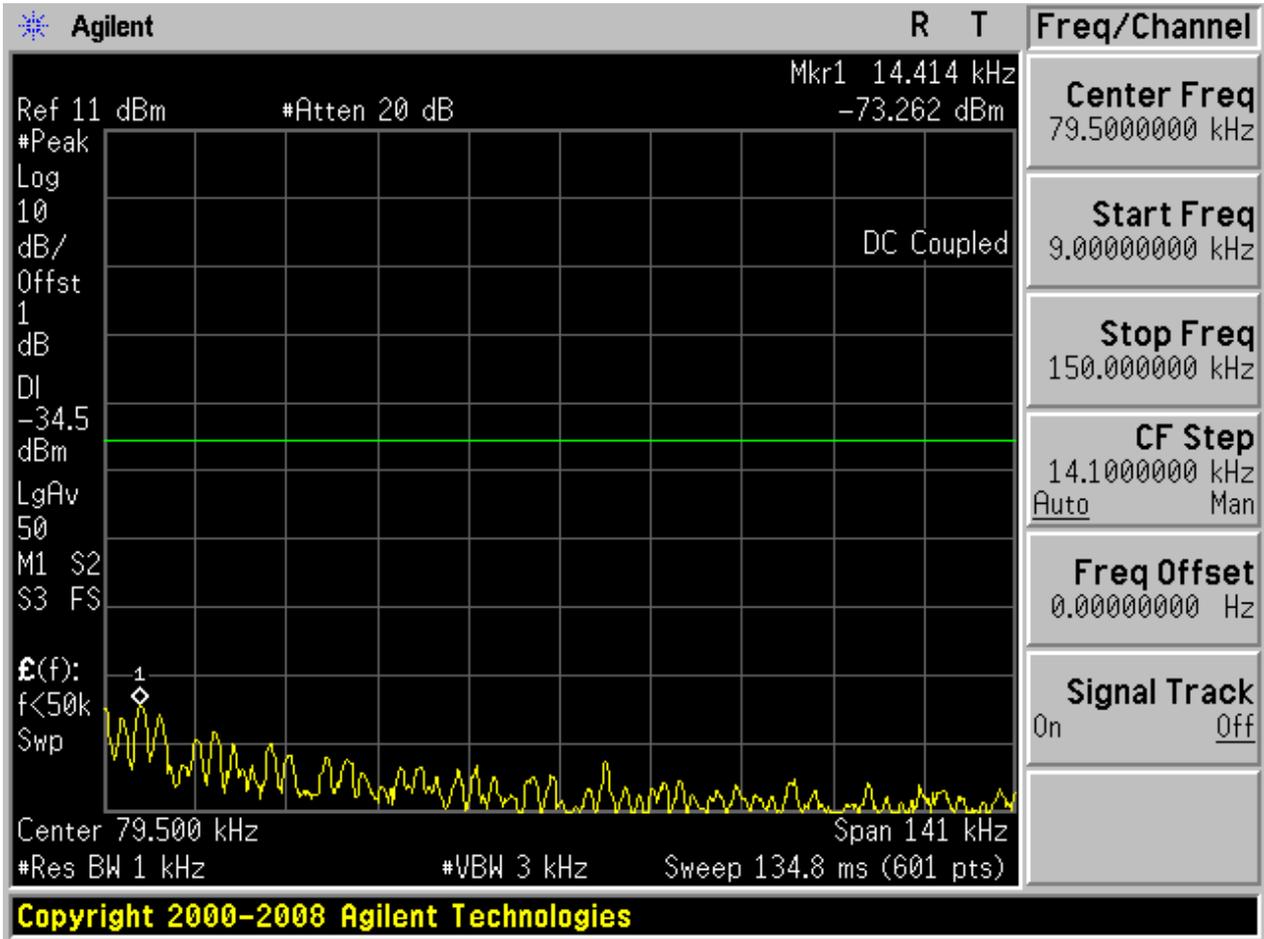
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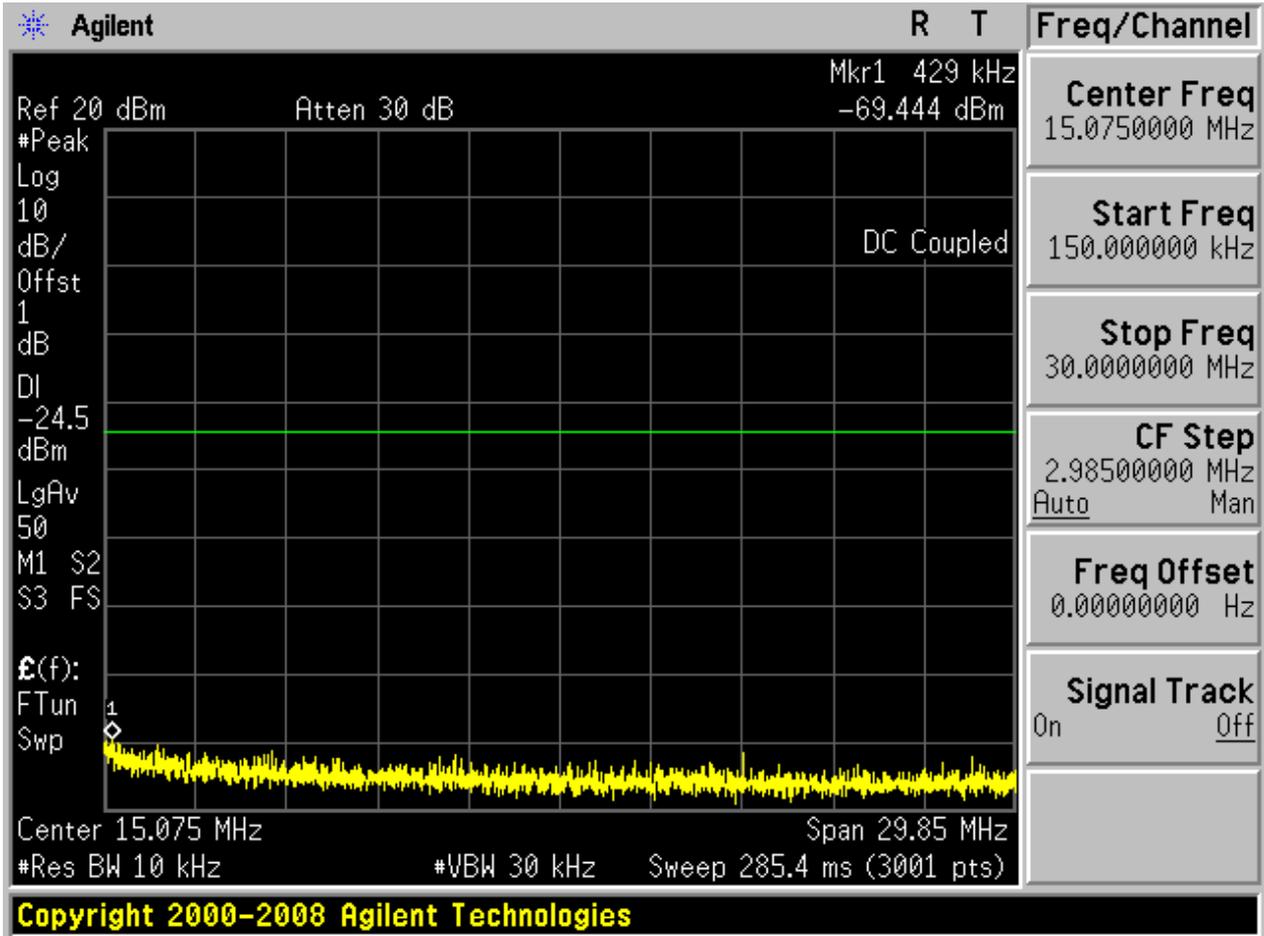
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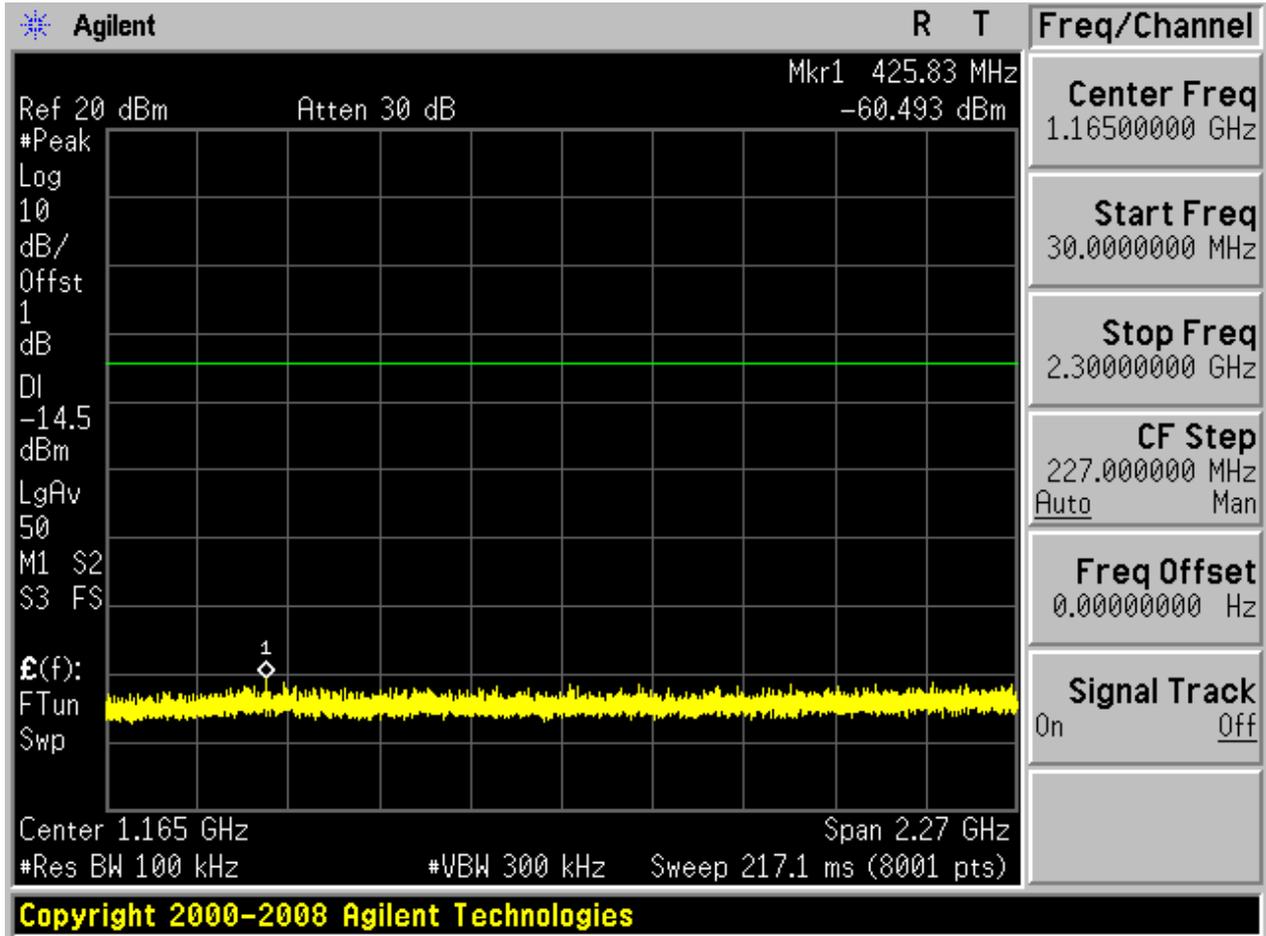


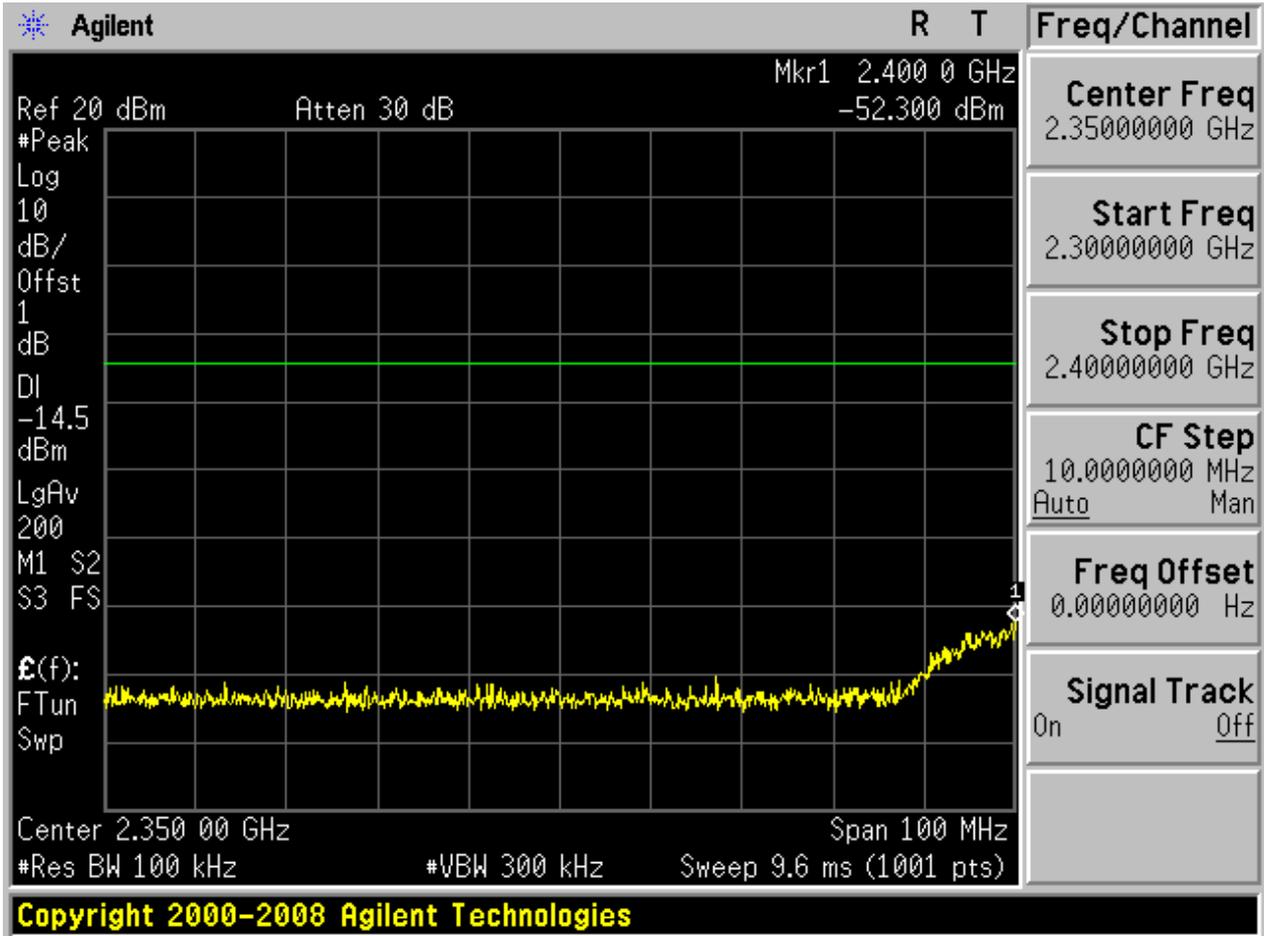


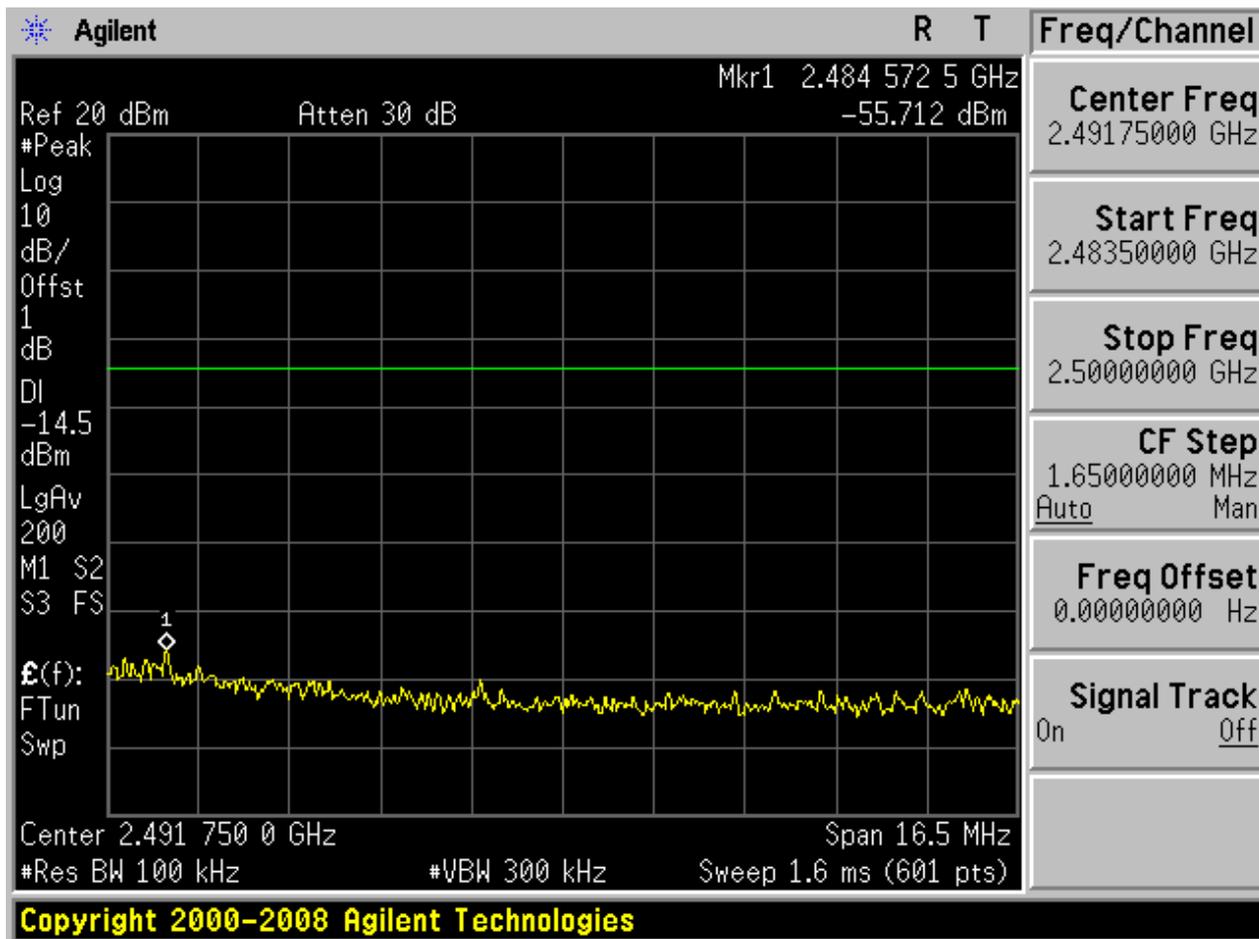
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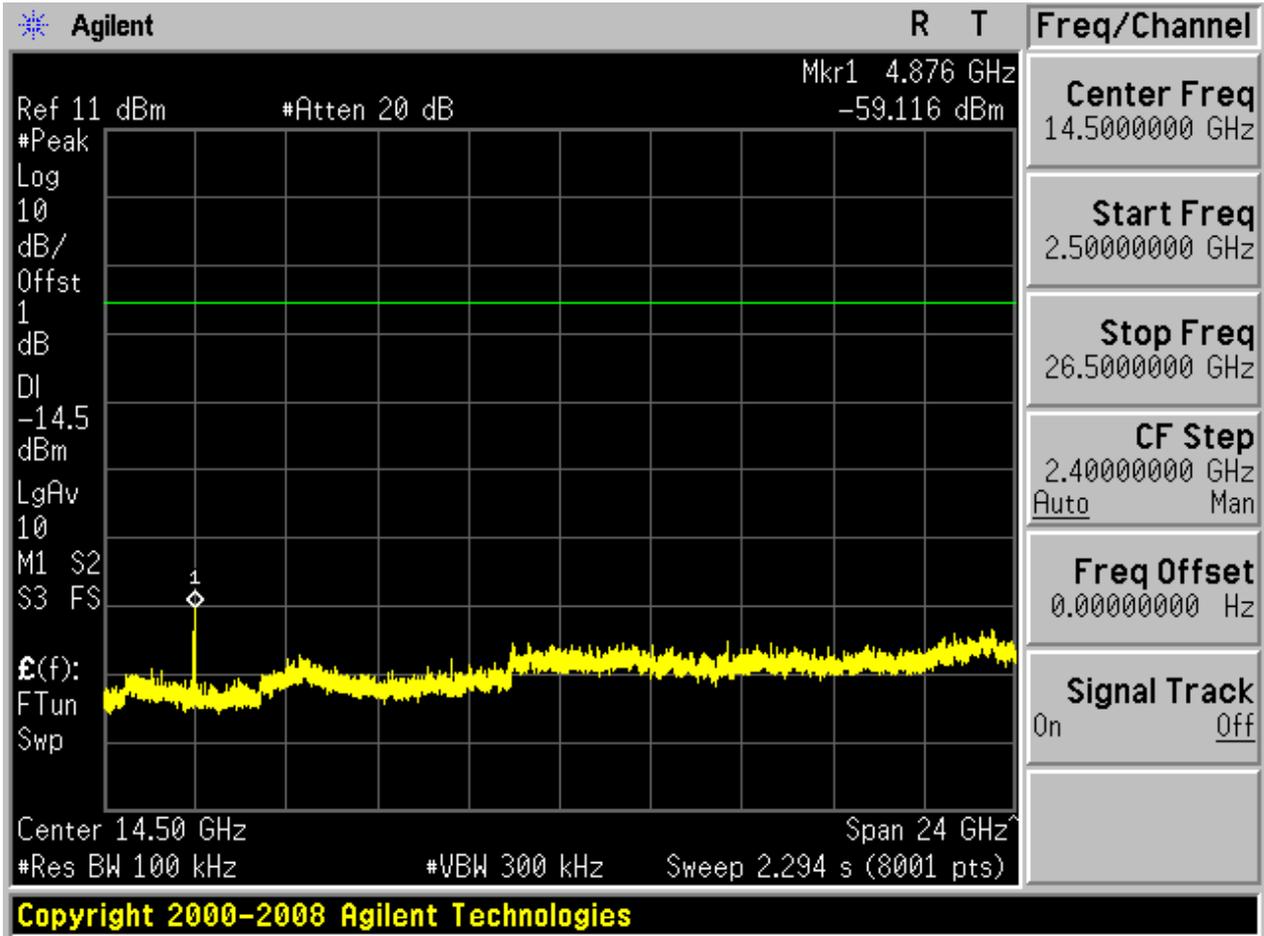






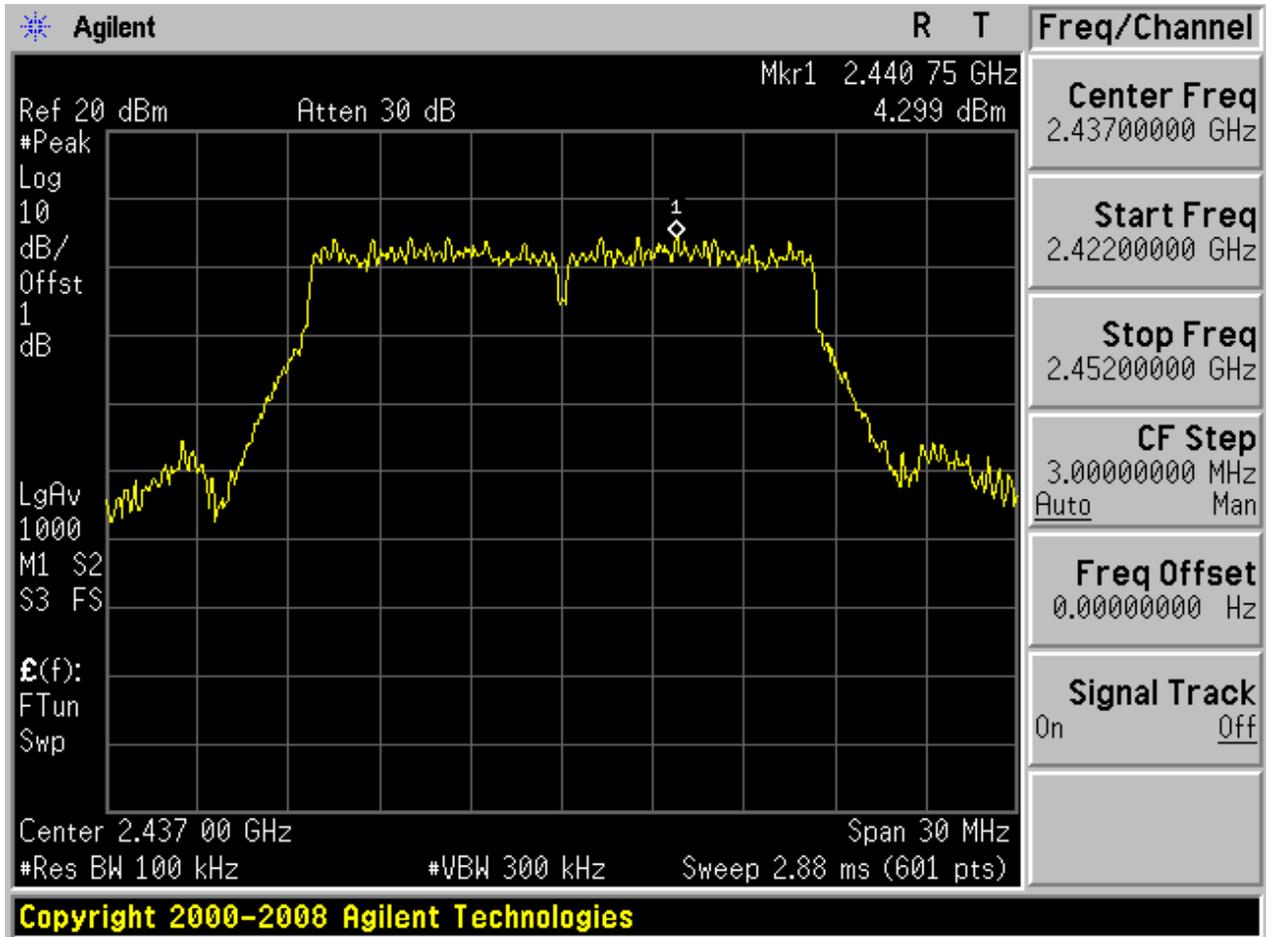




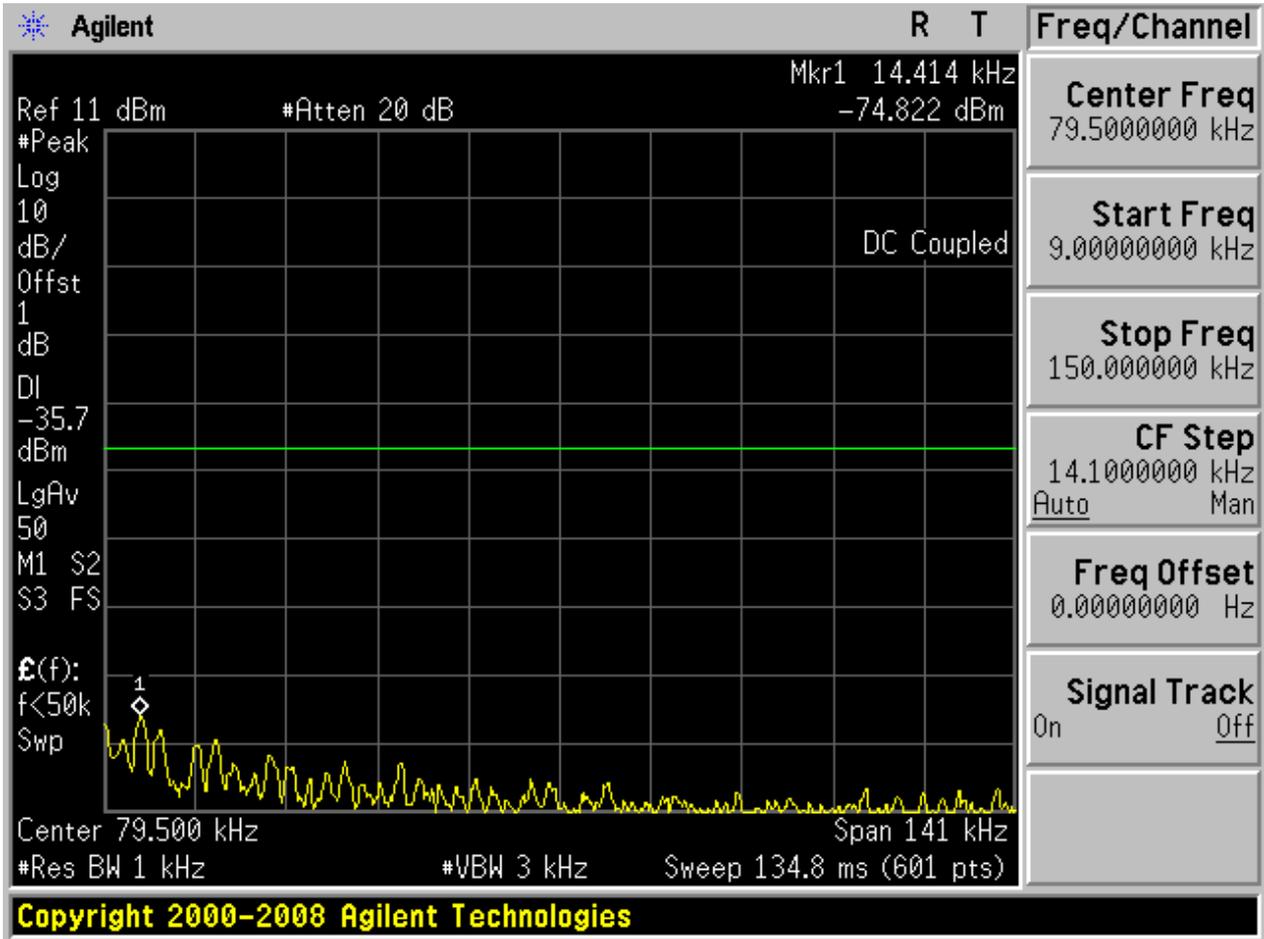


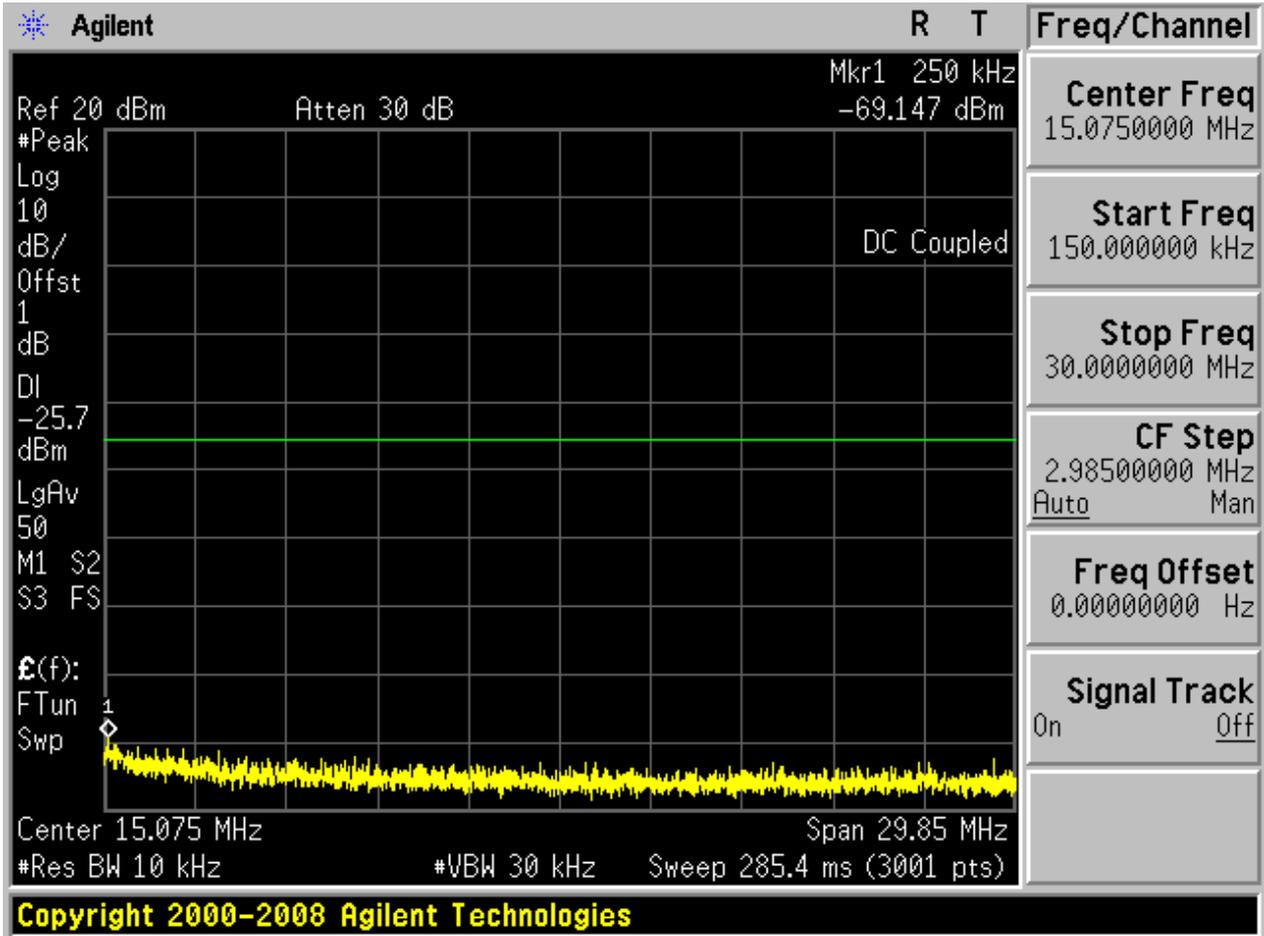
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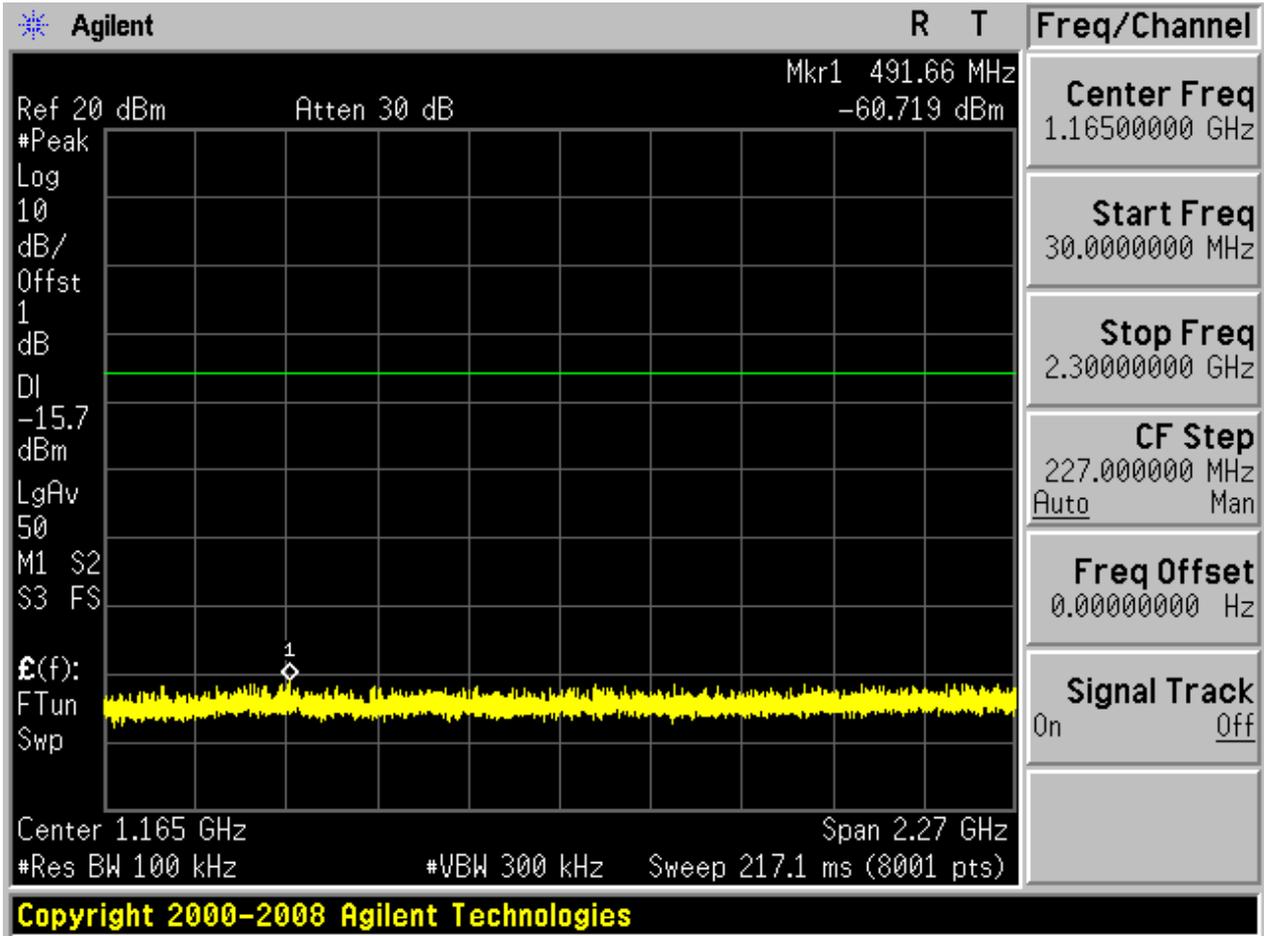
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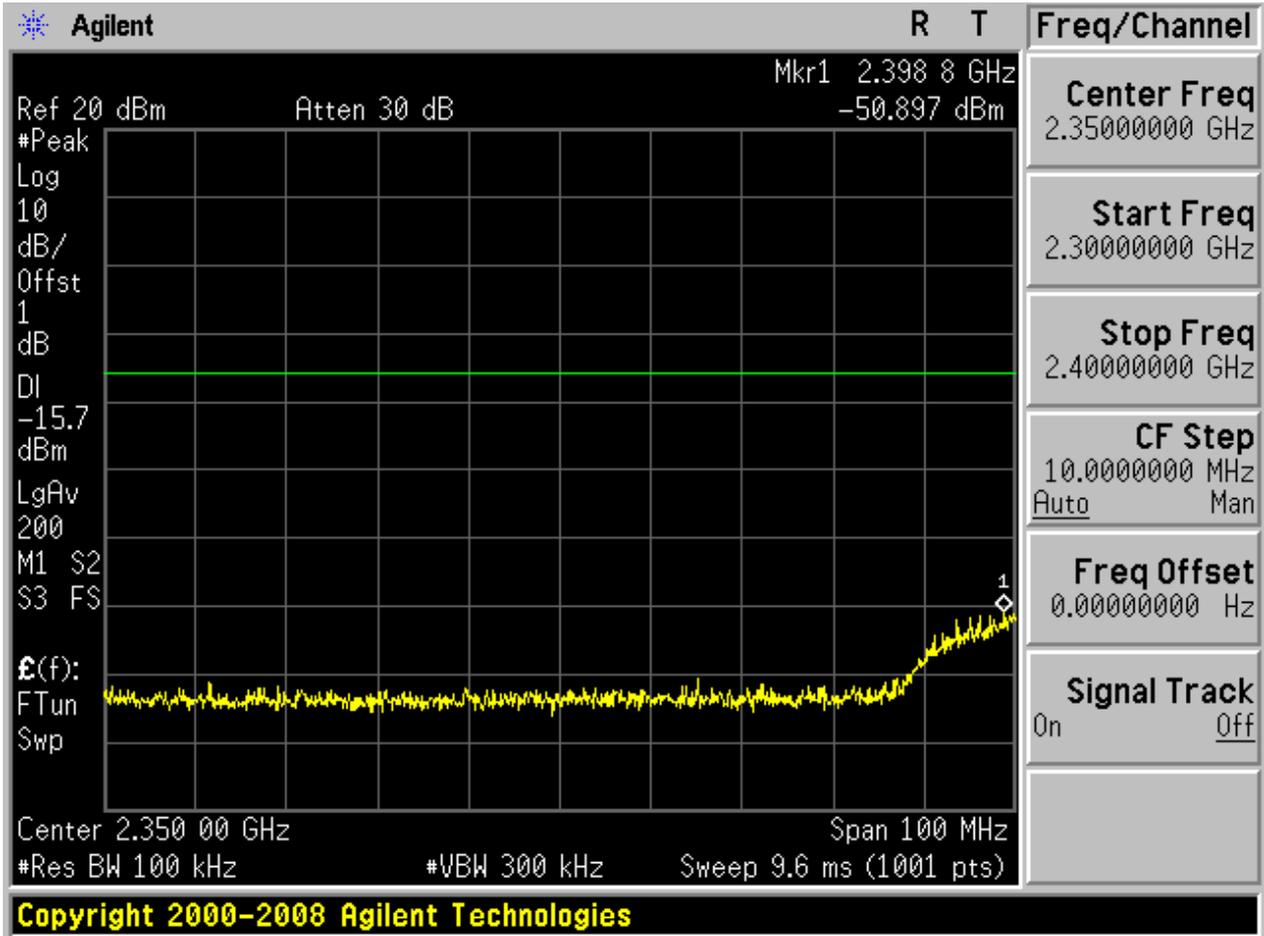


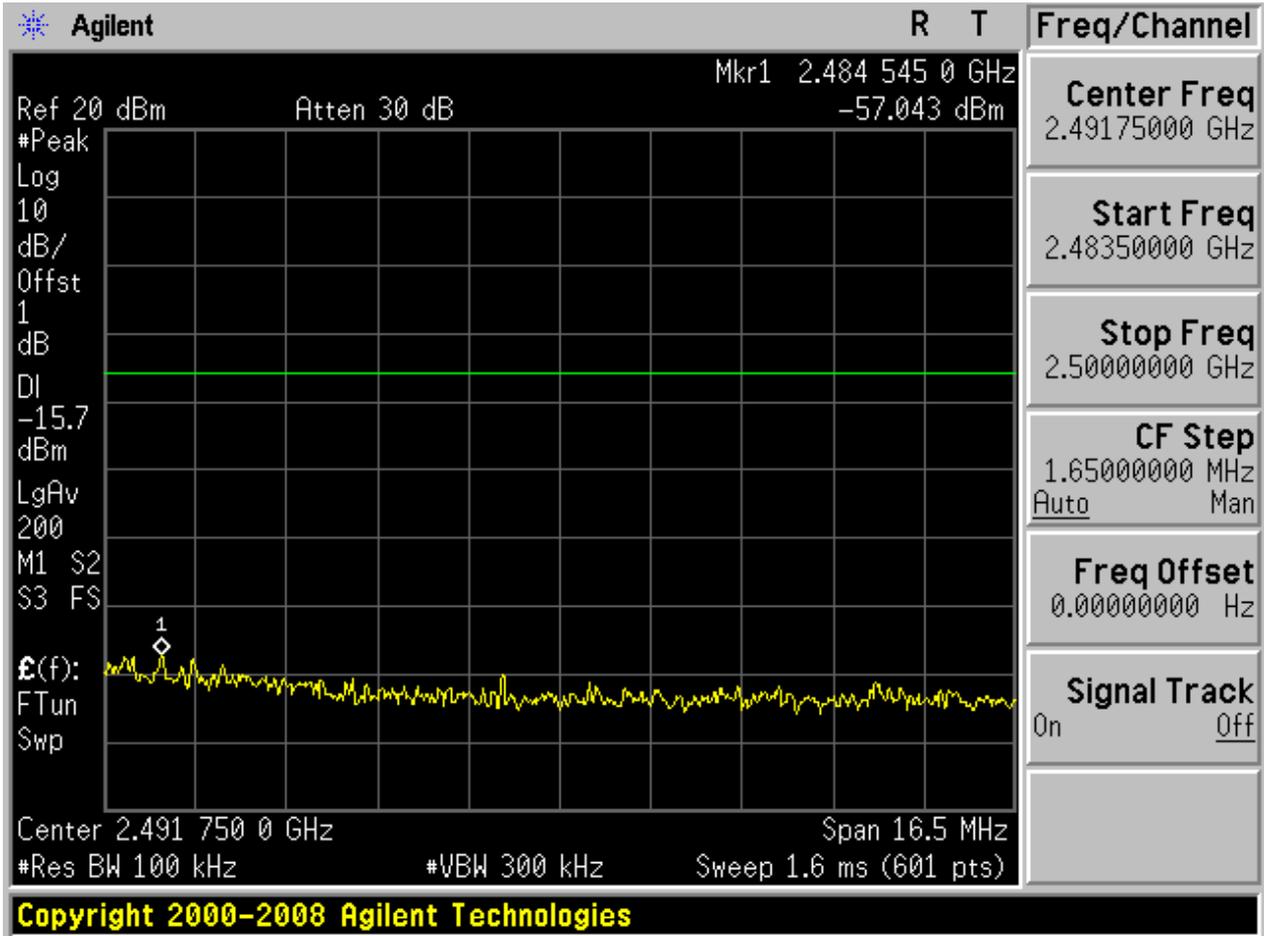
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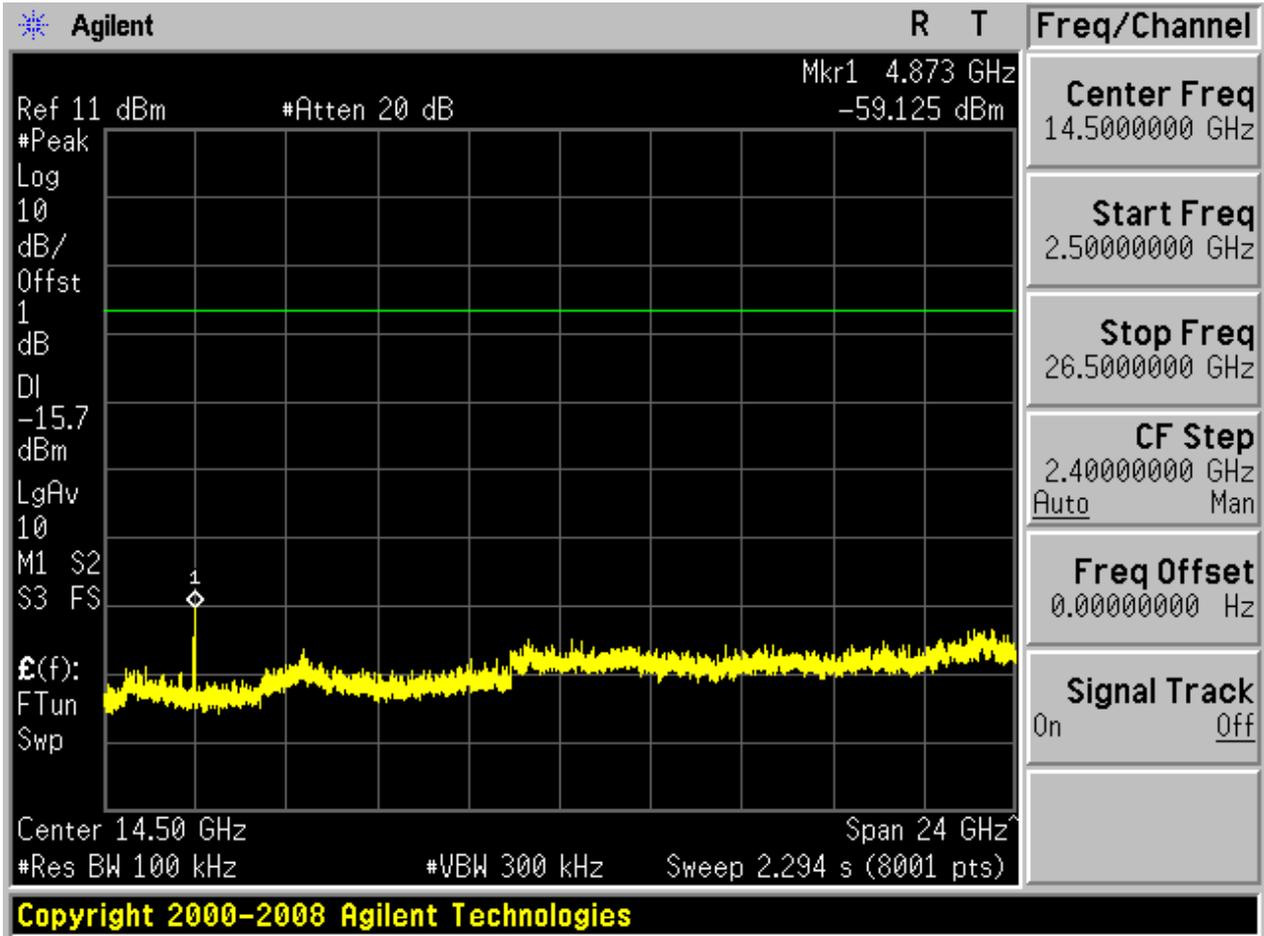






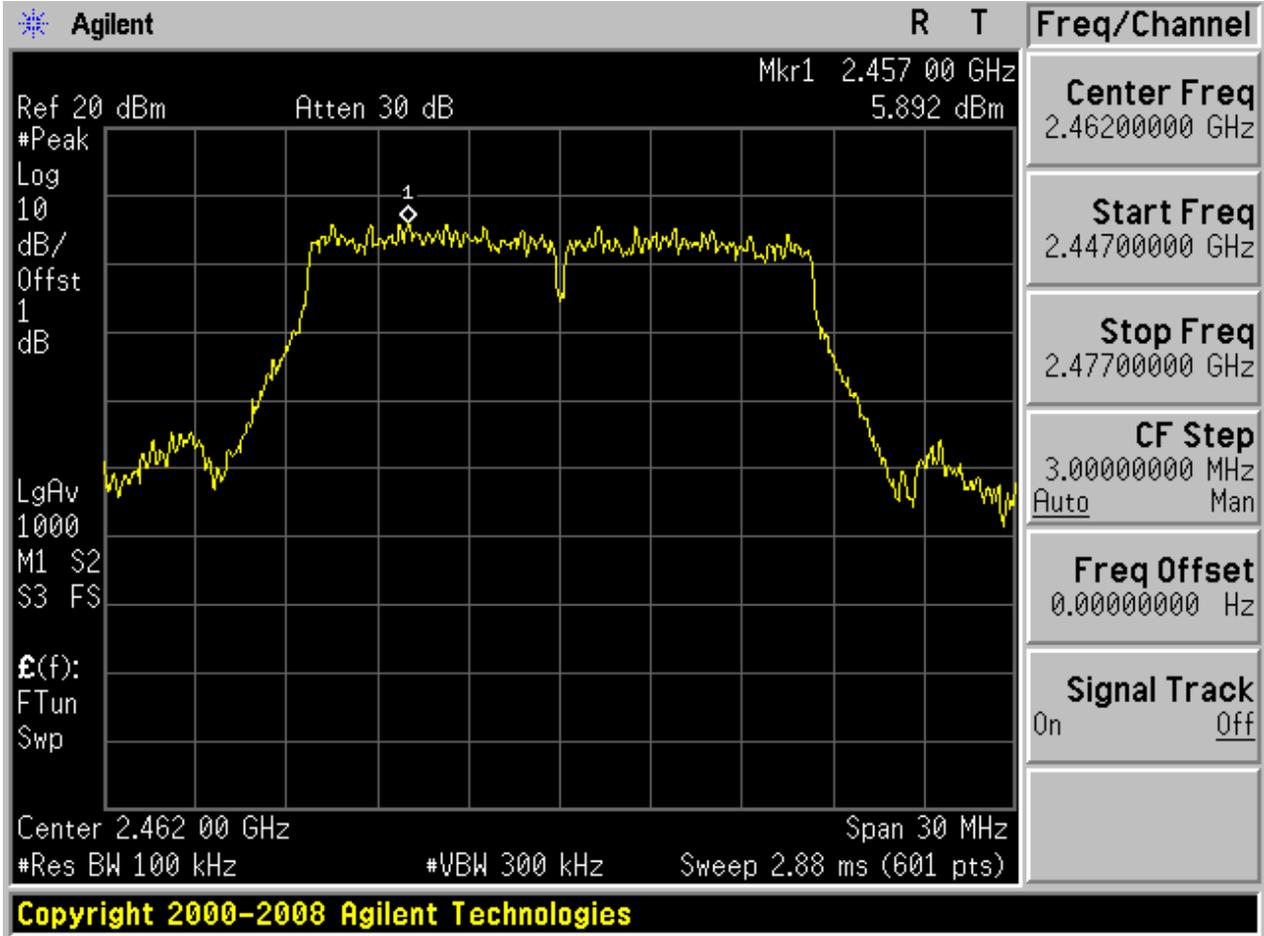




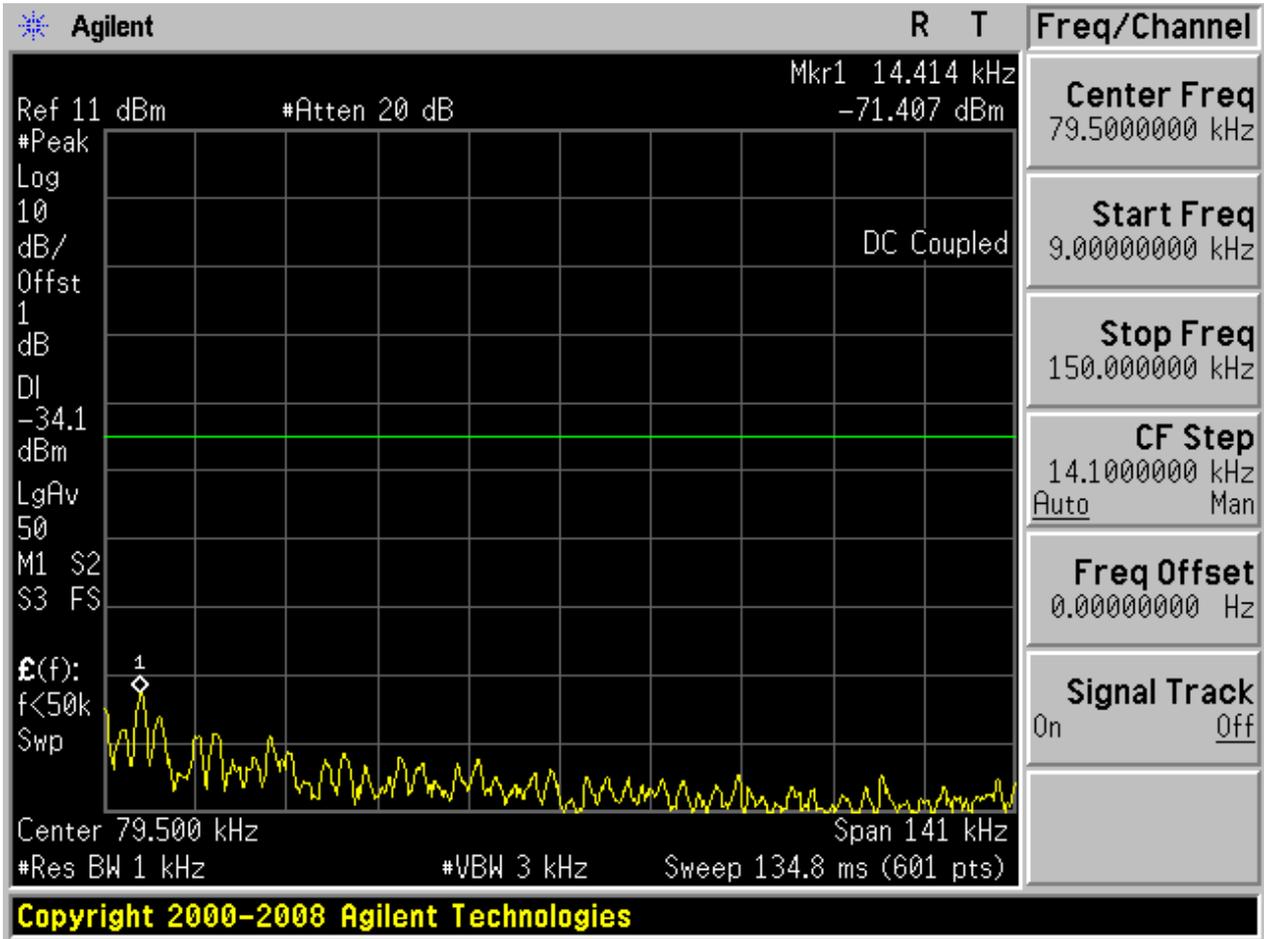


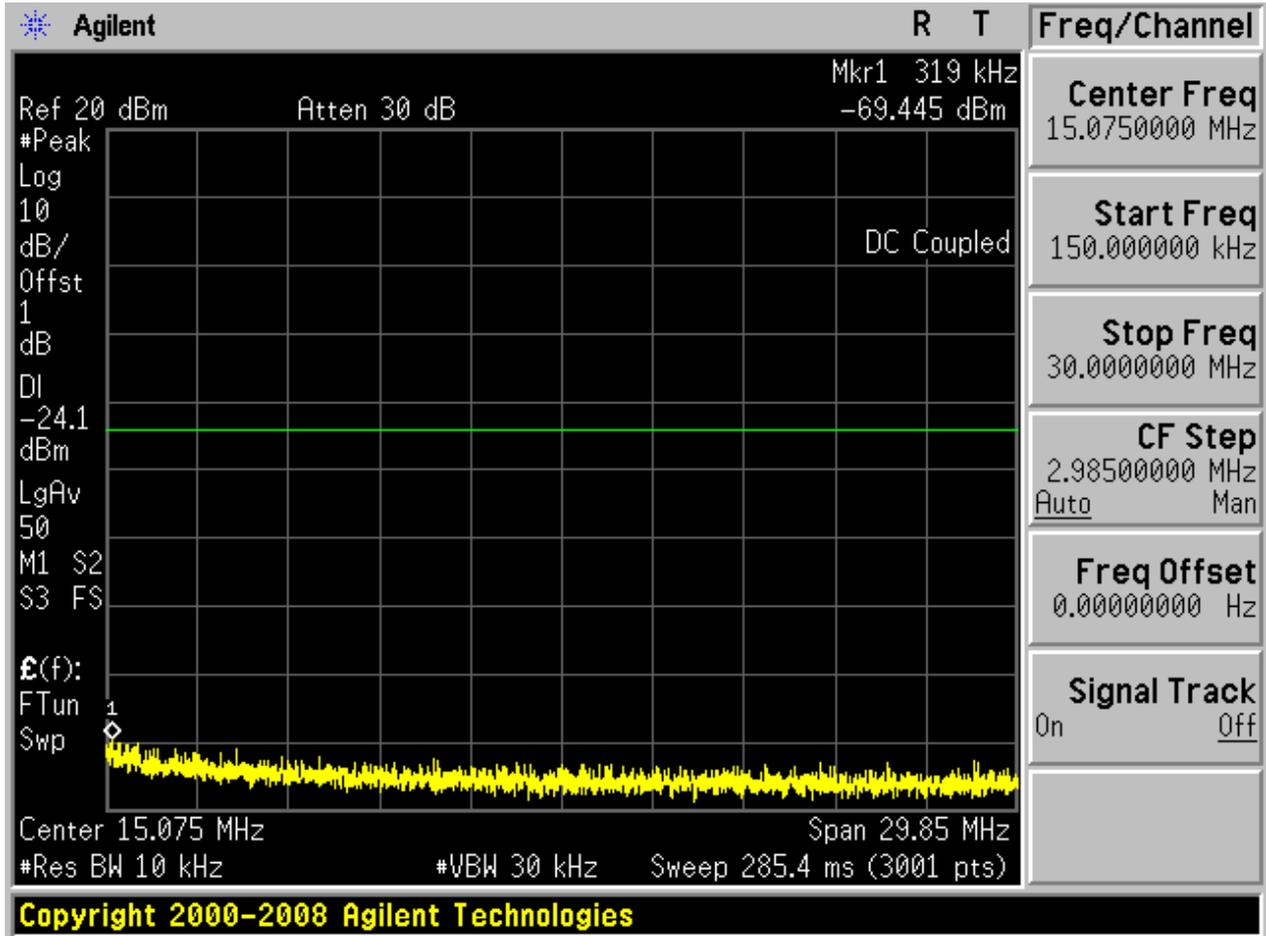
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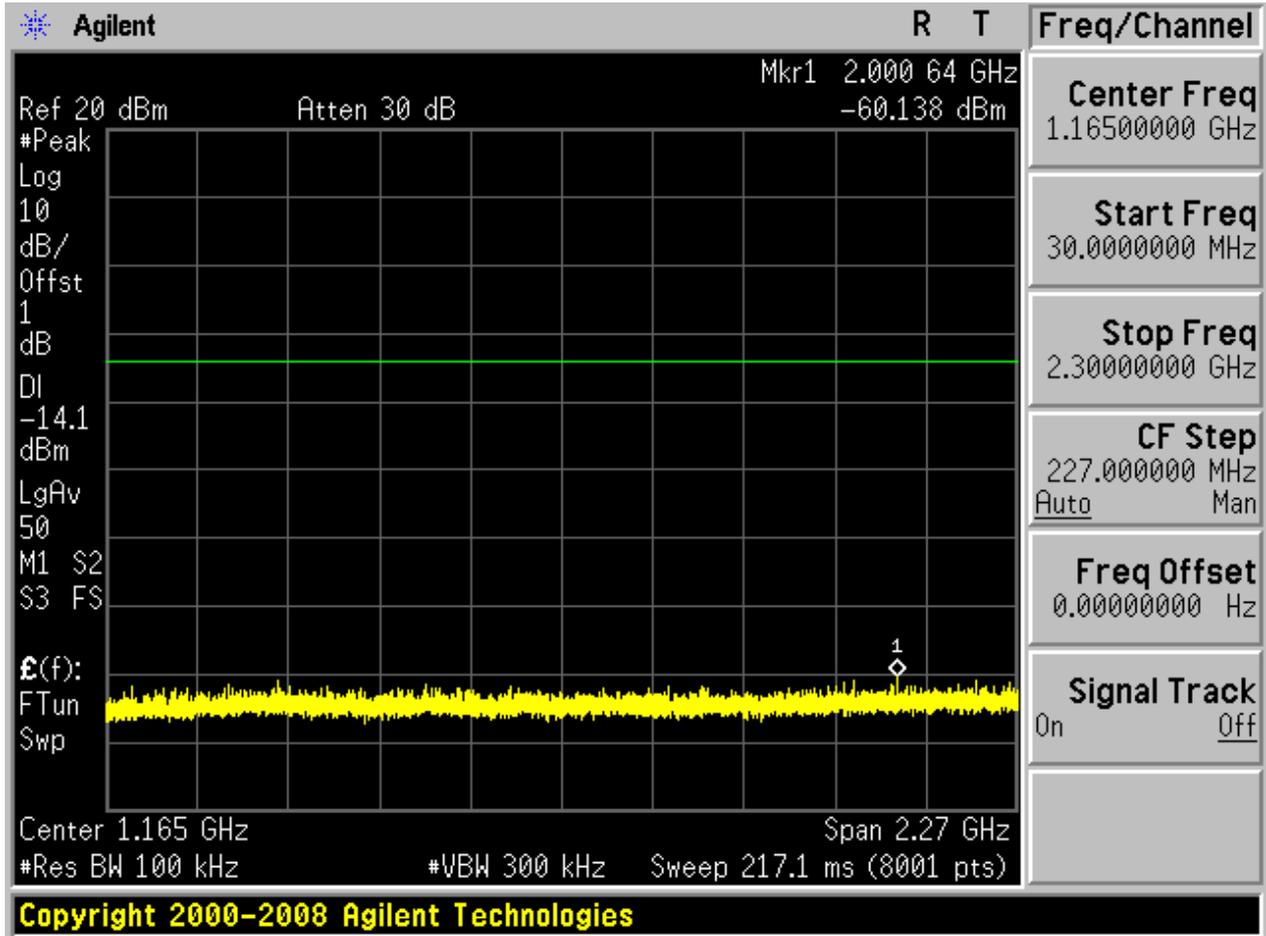
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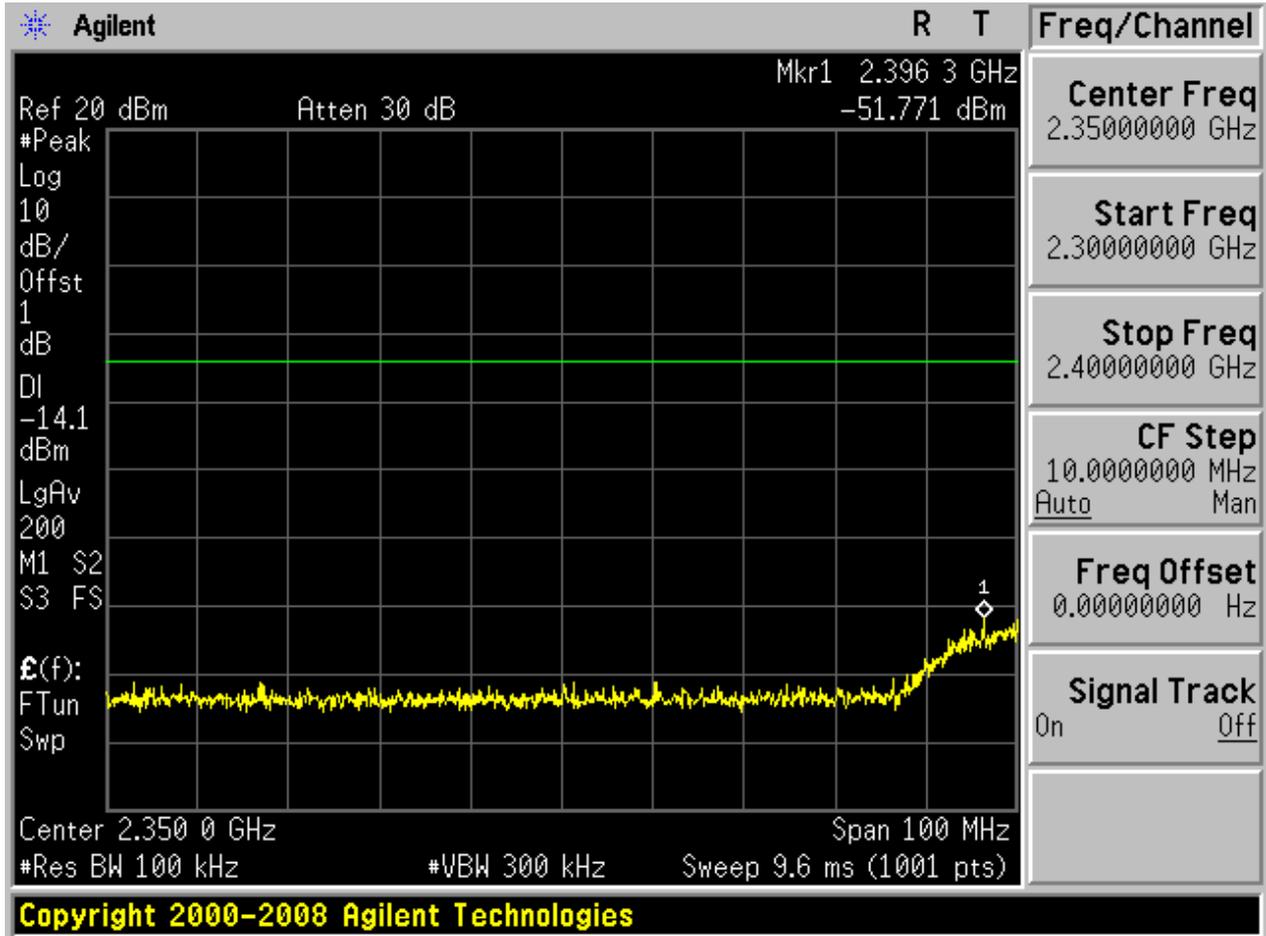


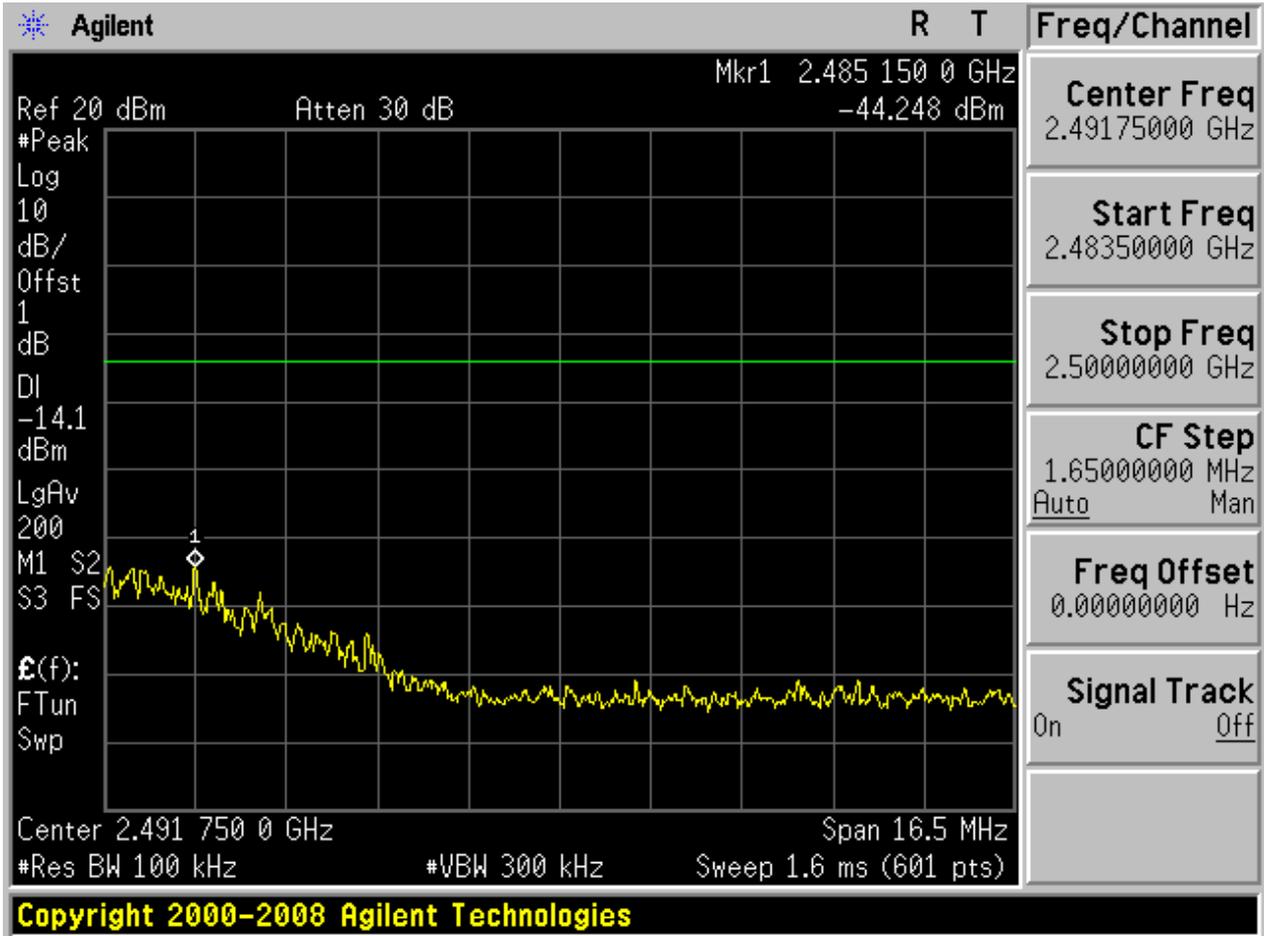
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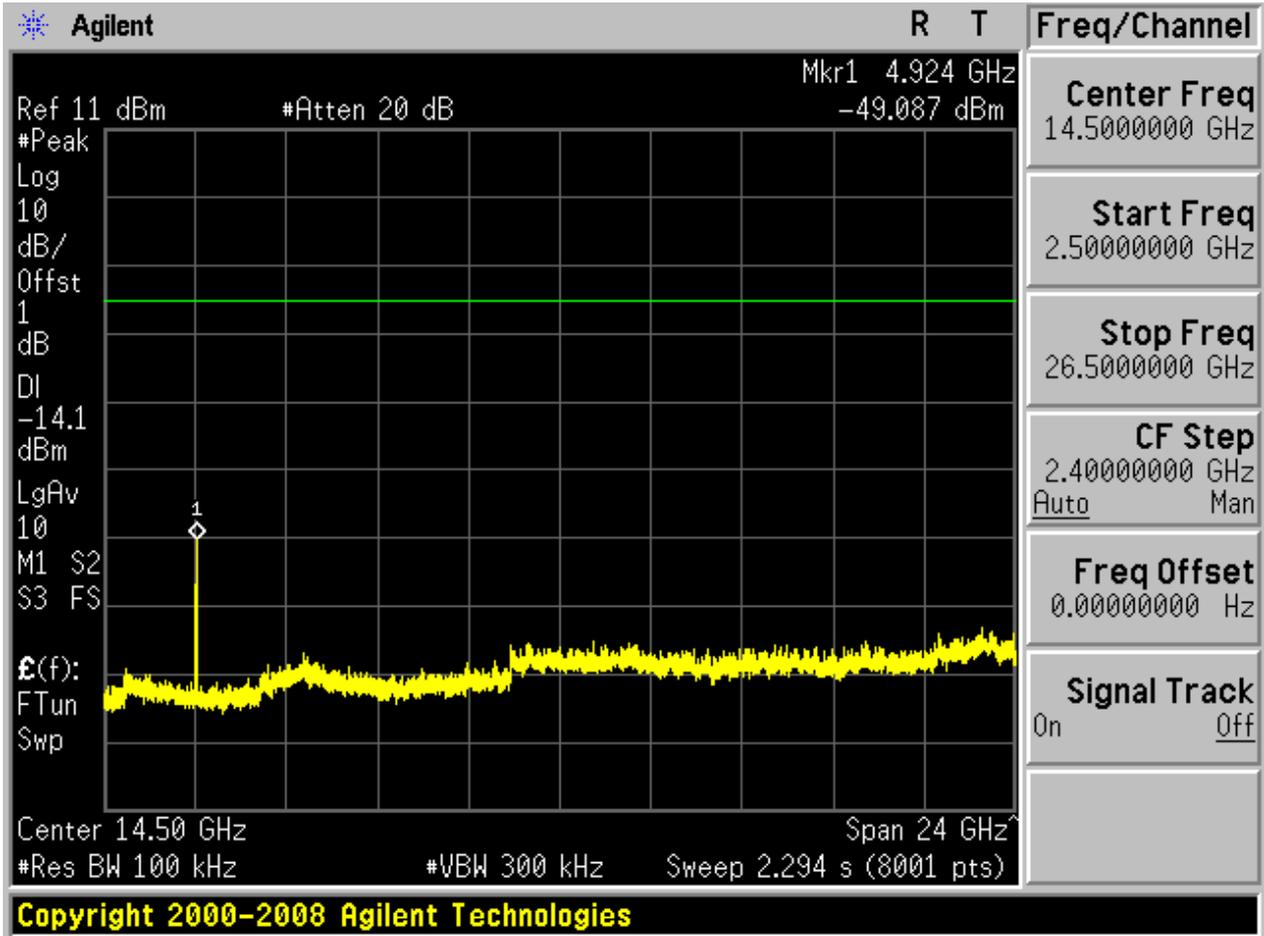






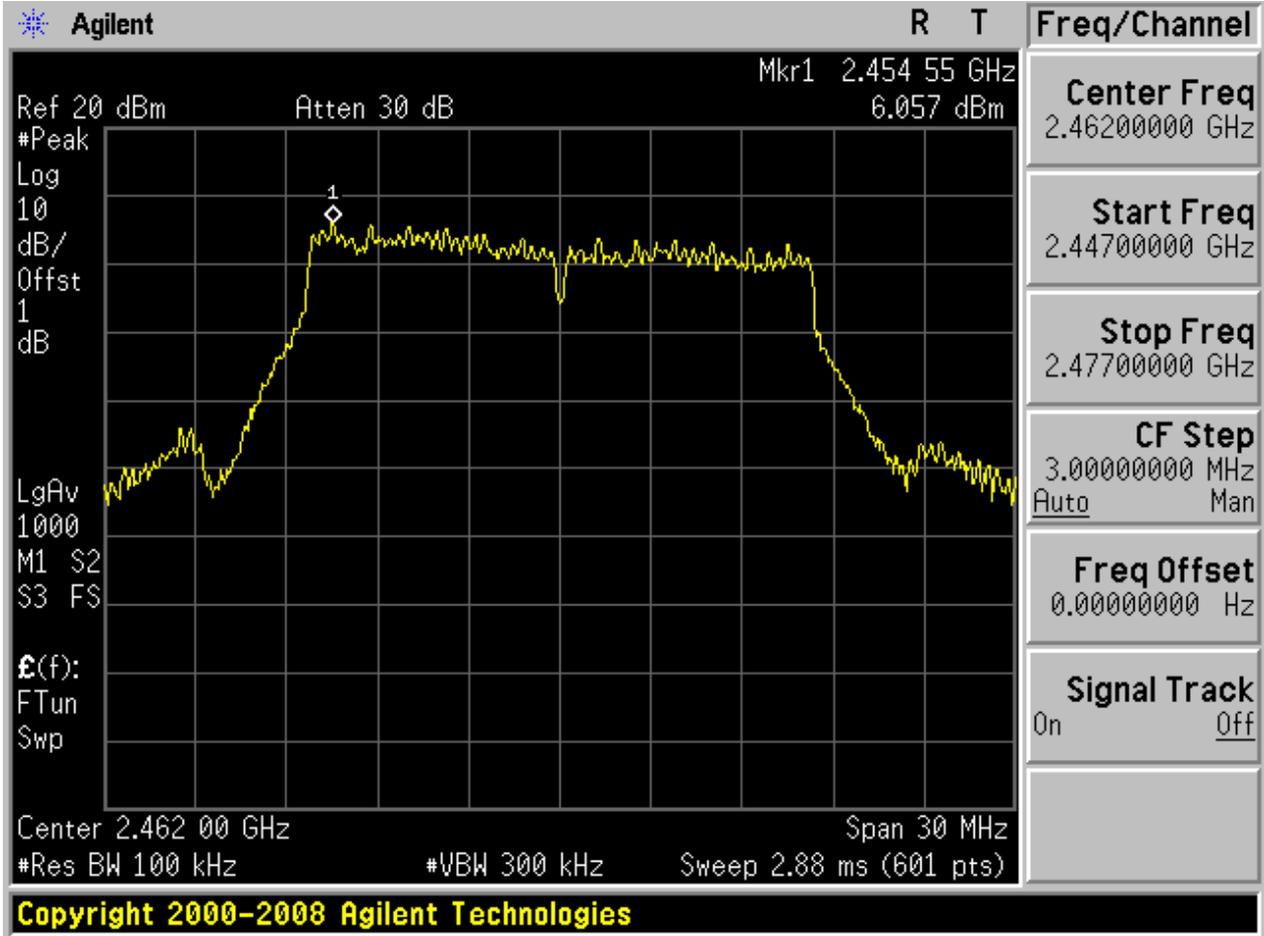




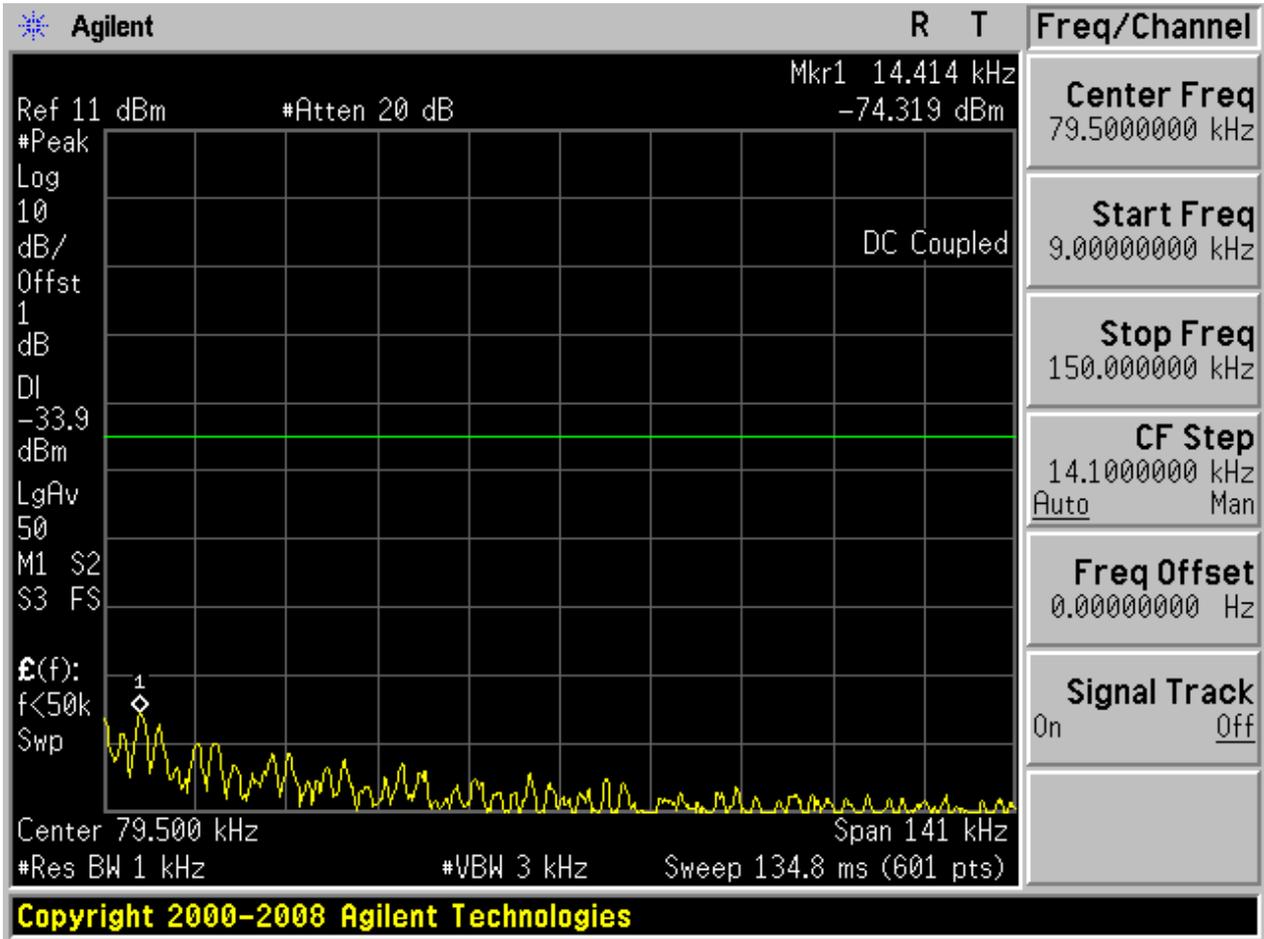


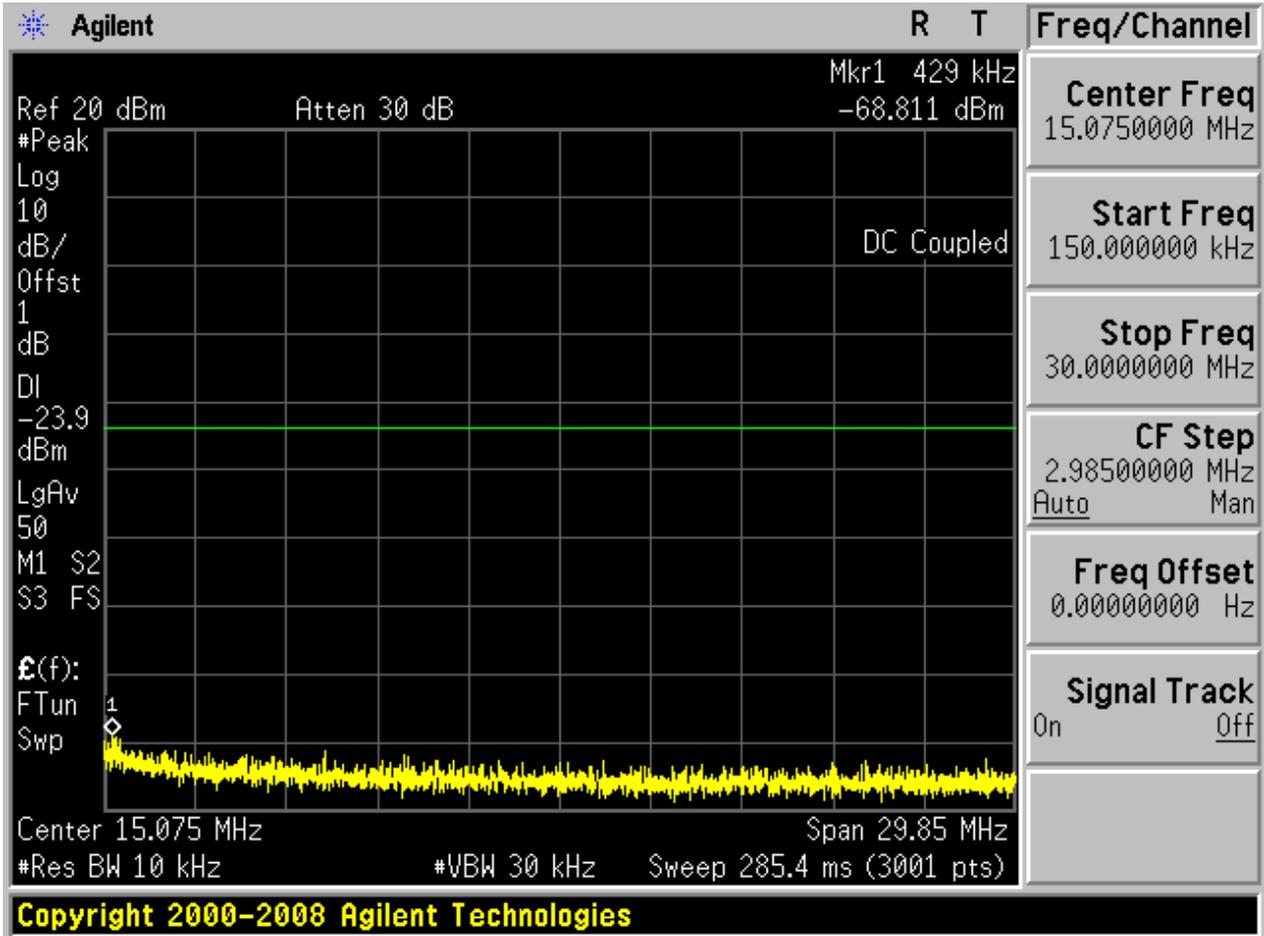
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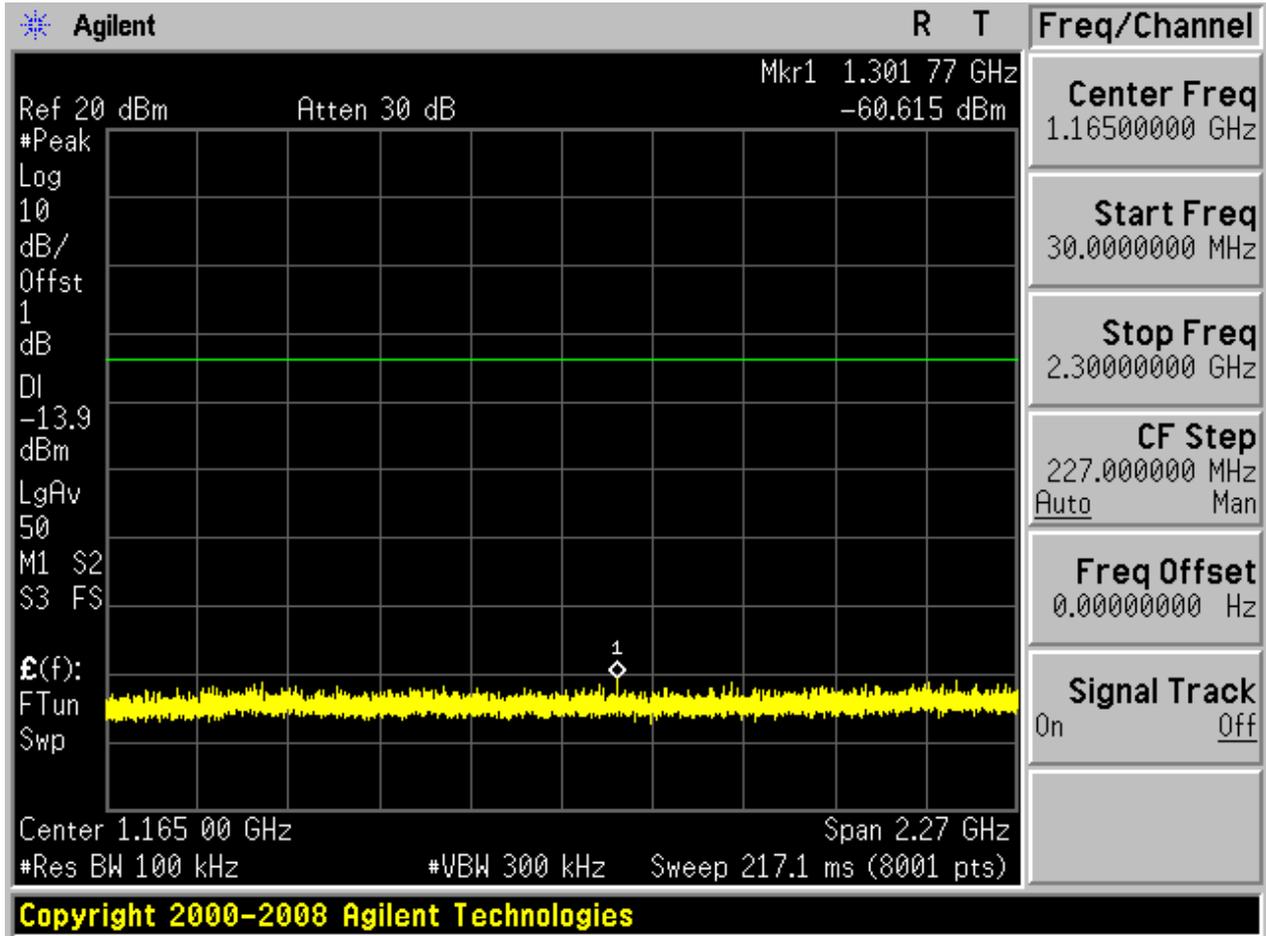
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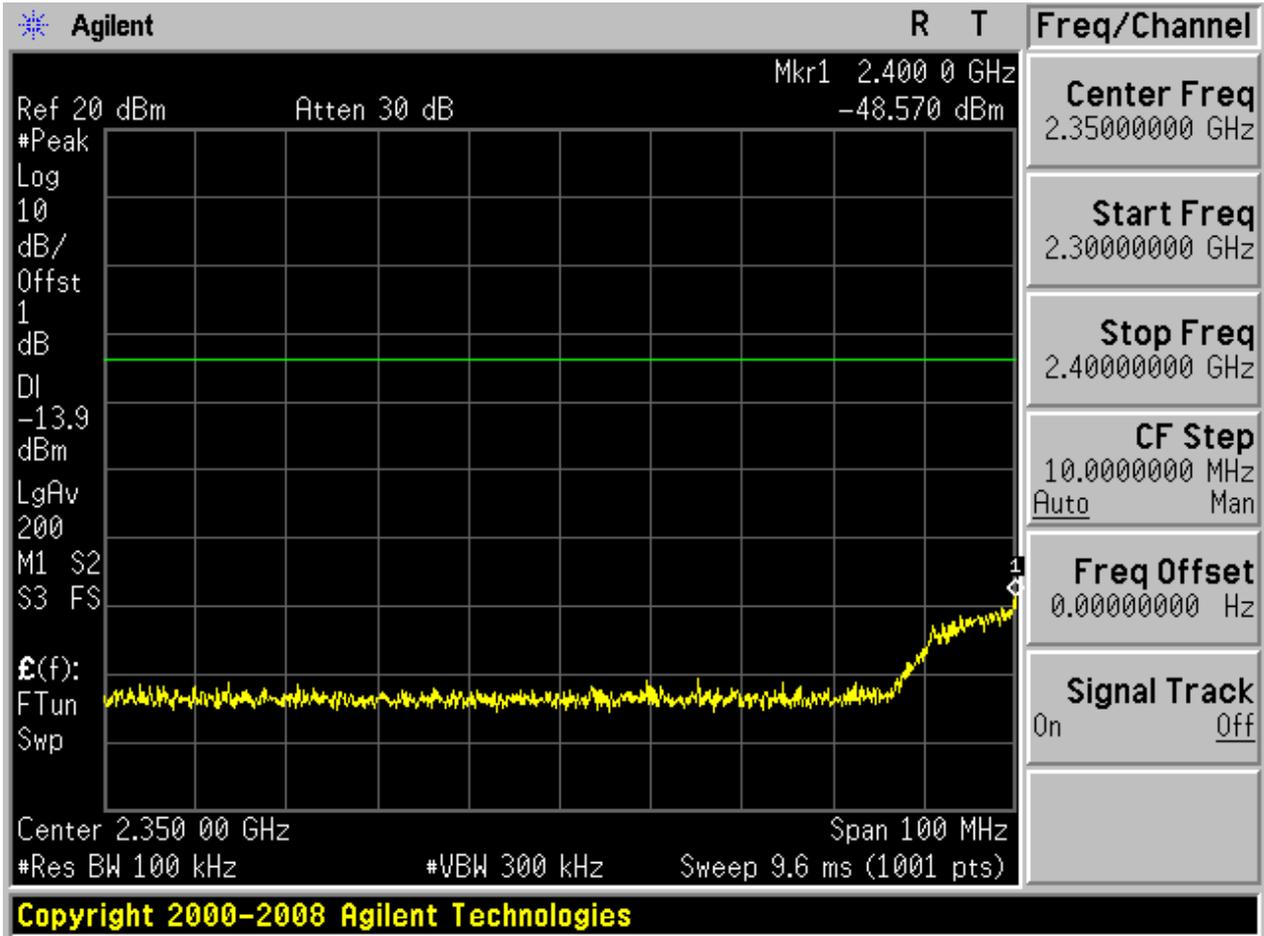


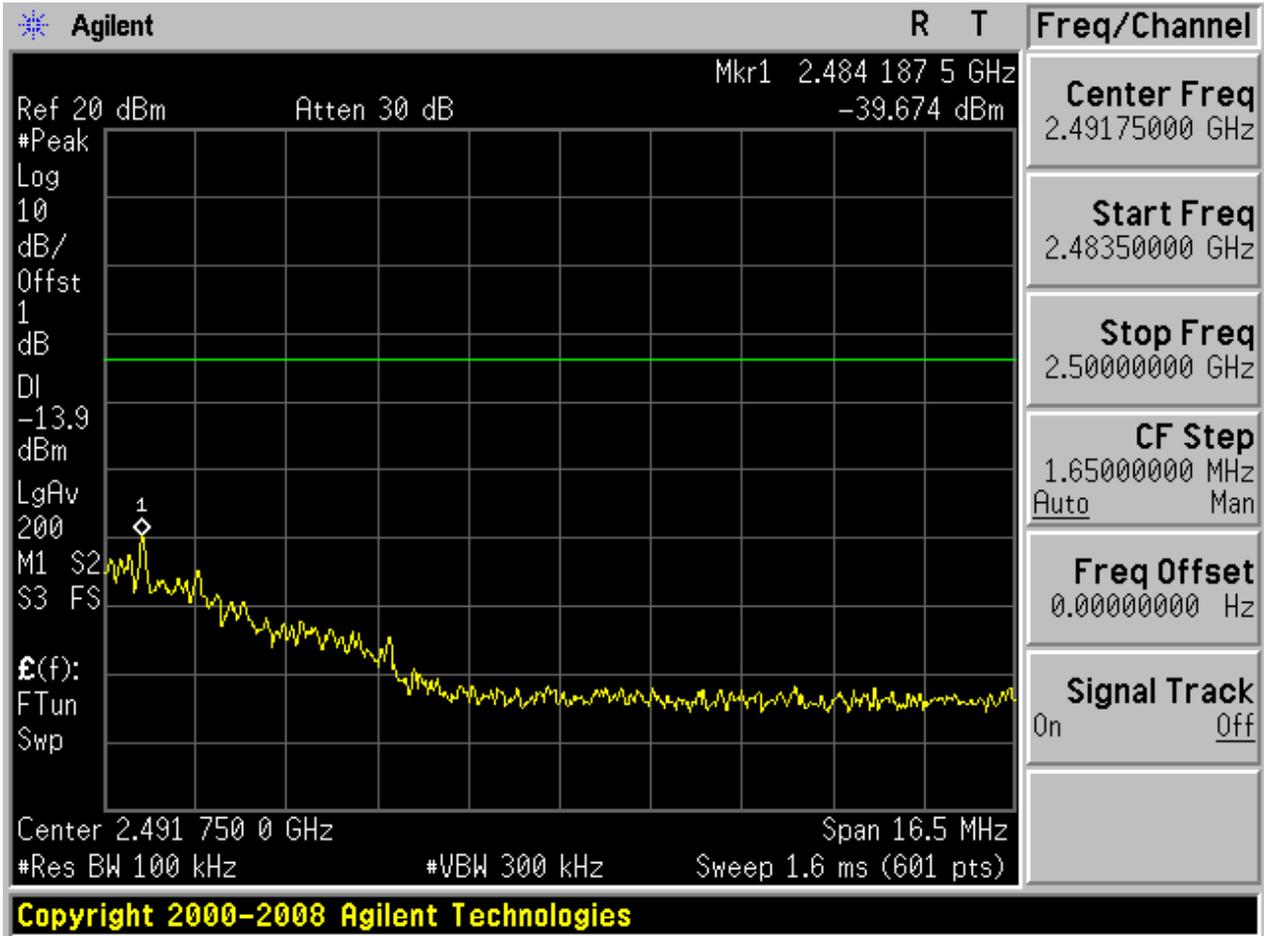
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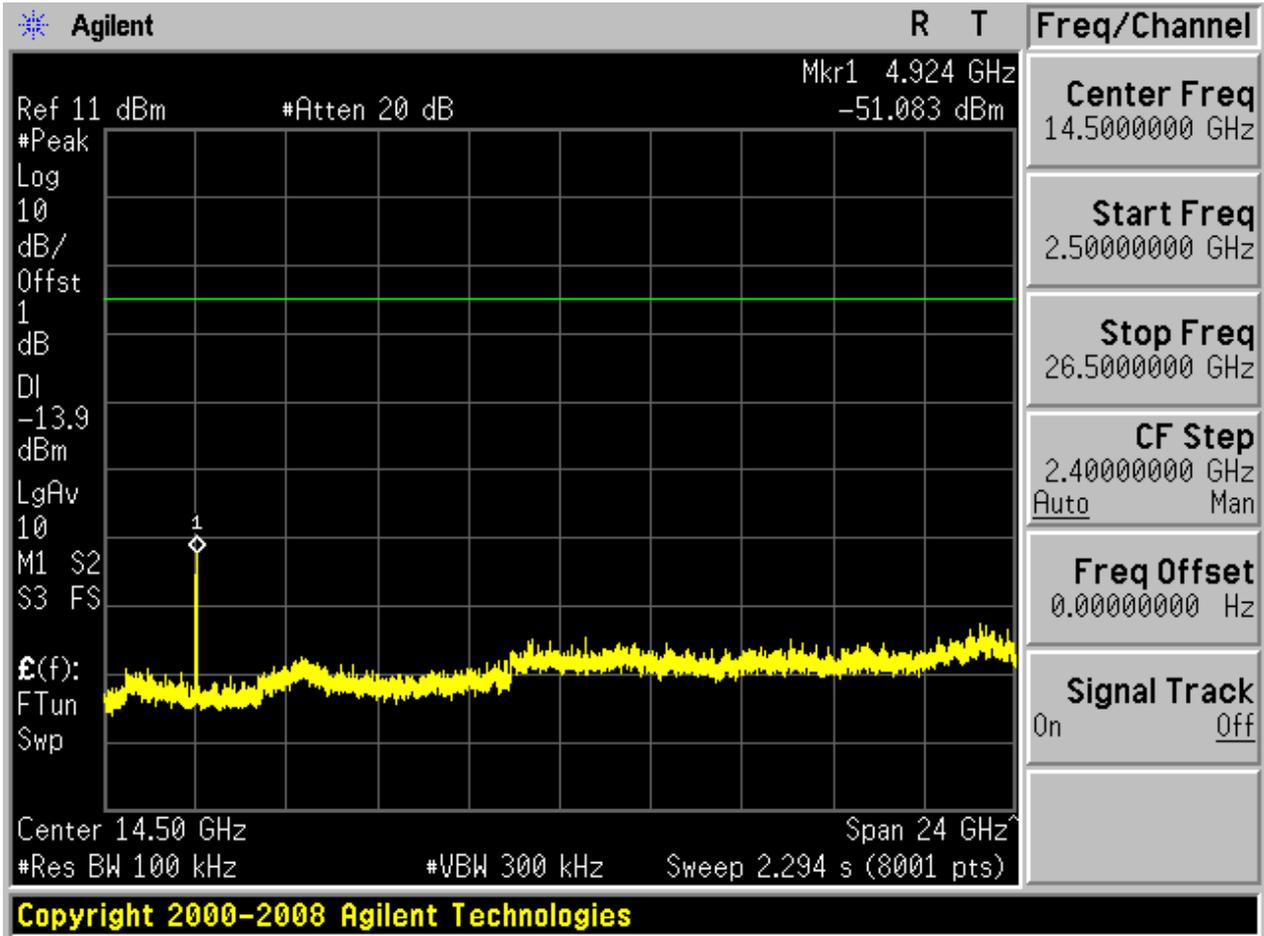






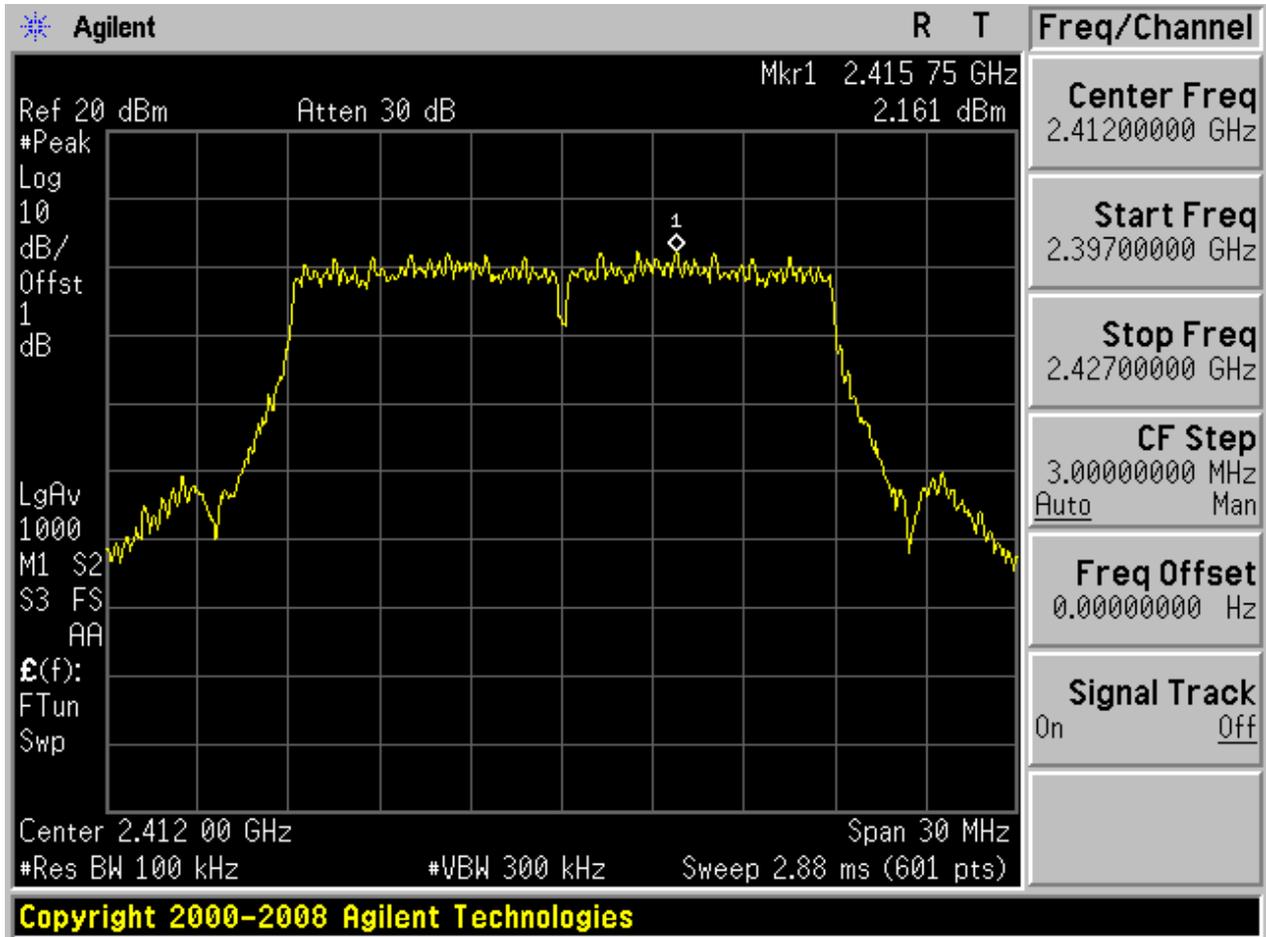






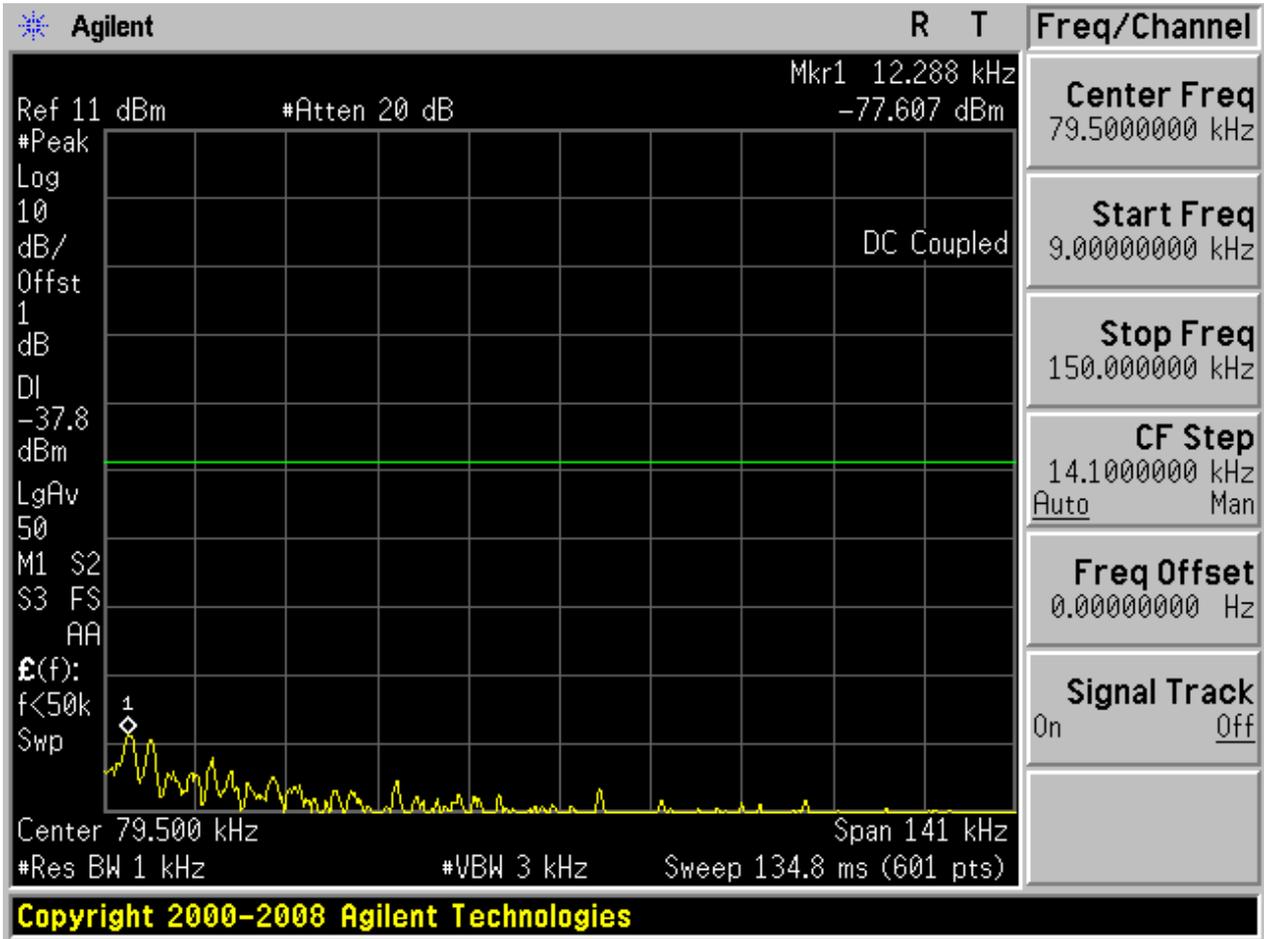
### 2.13 11N20\_L@Ant 1

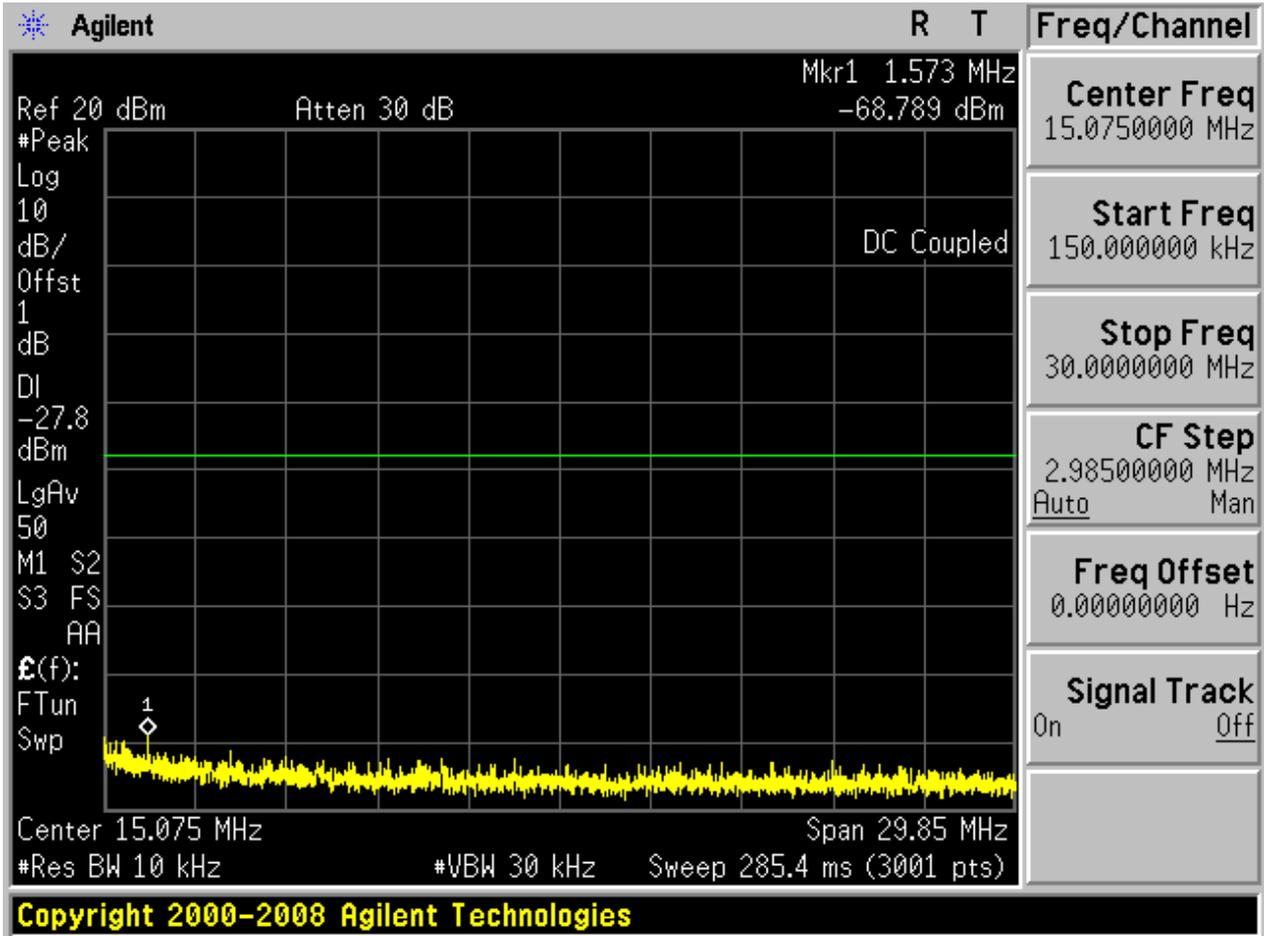
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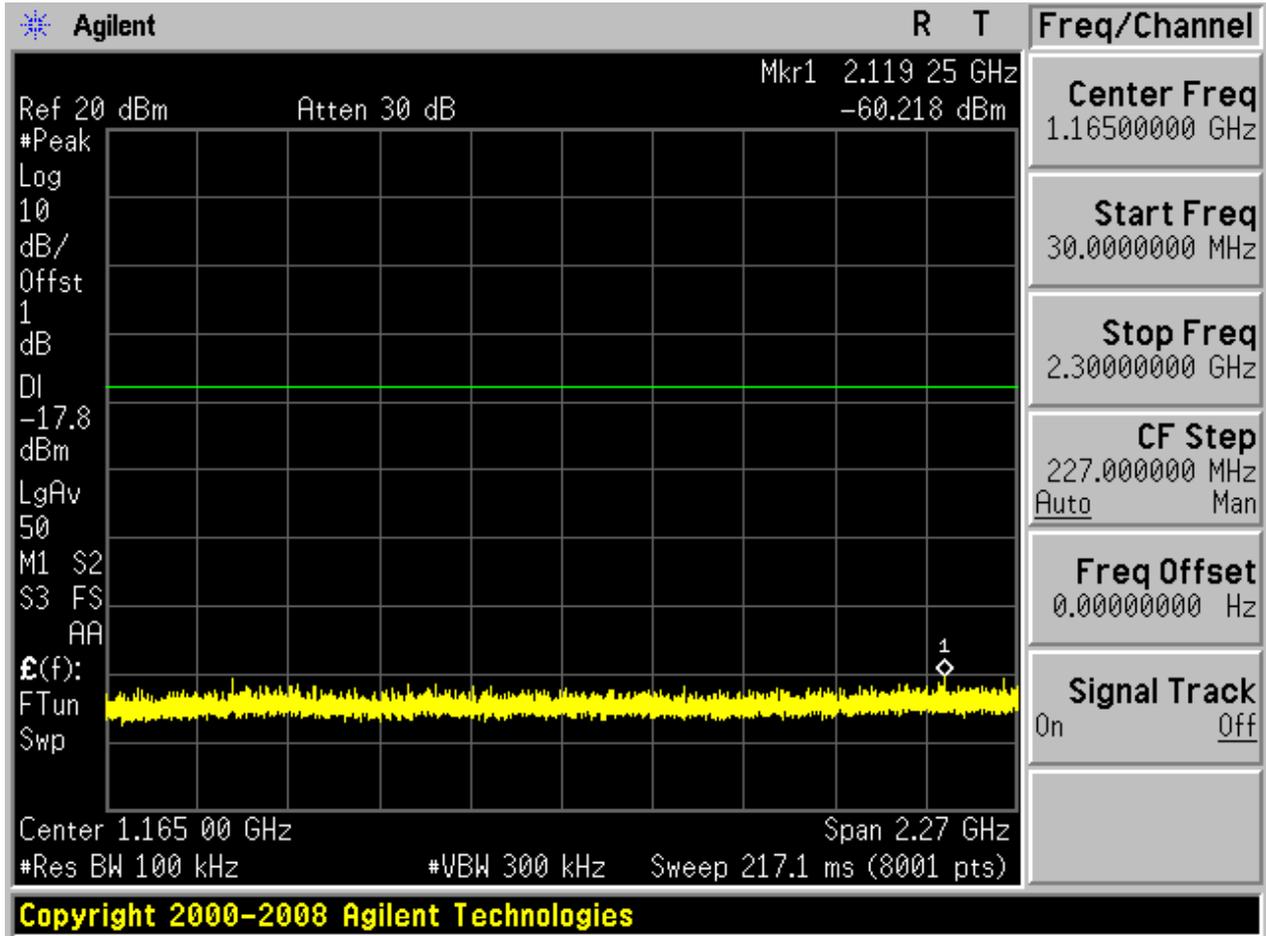


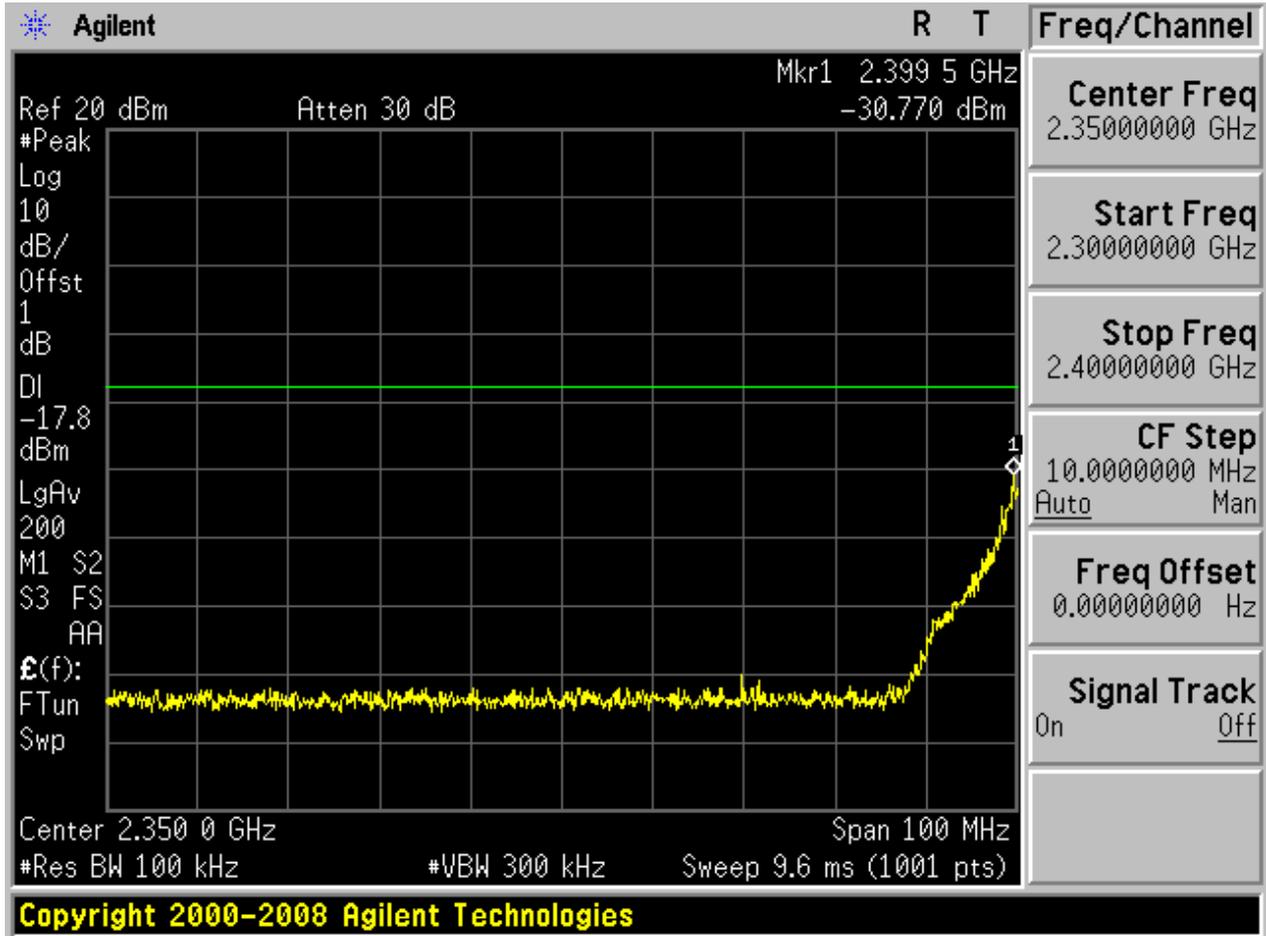


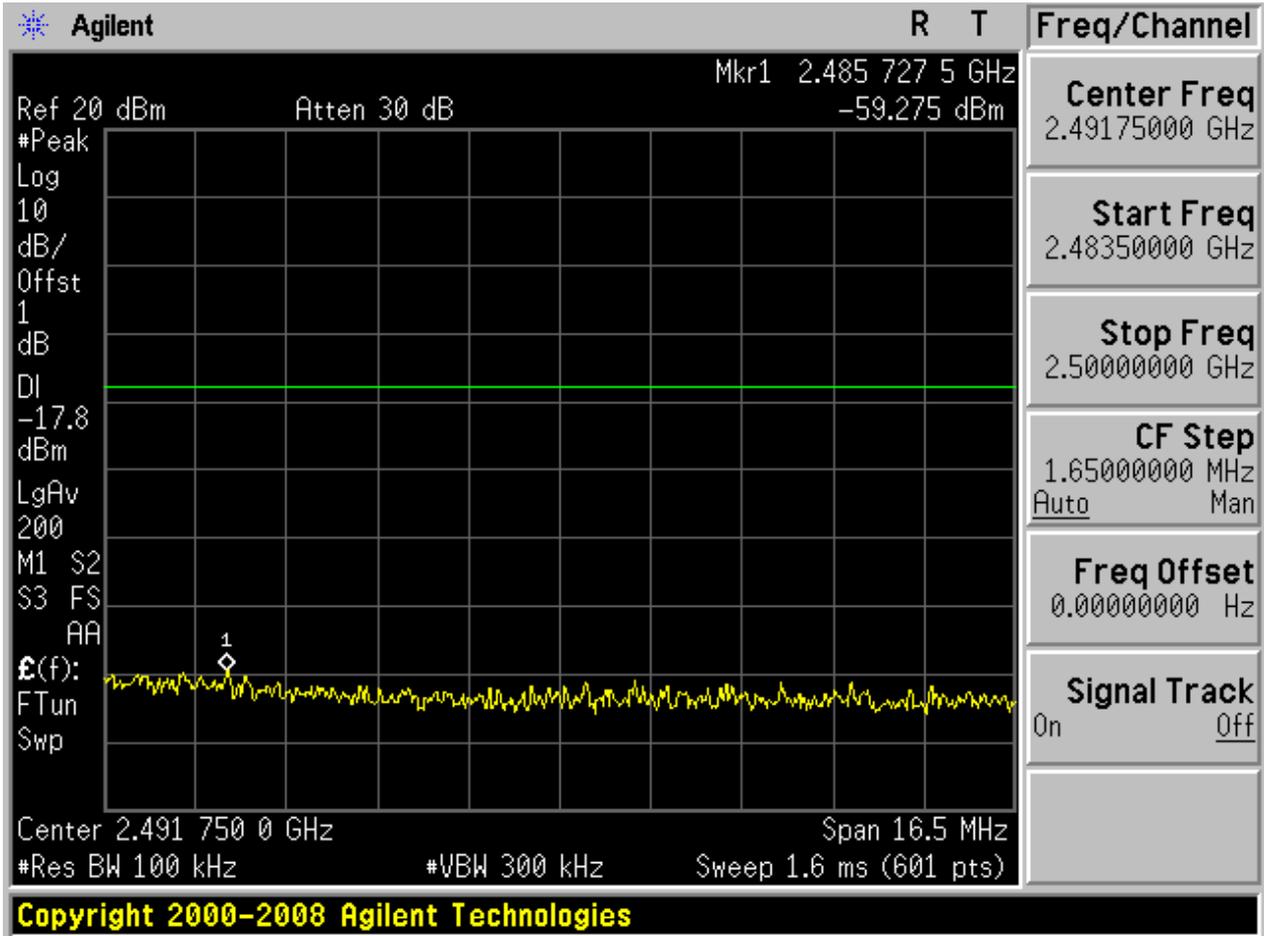
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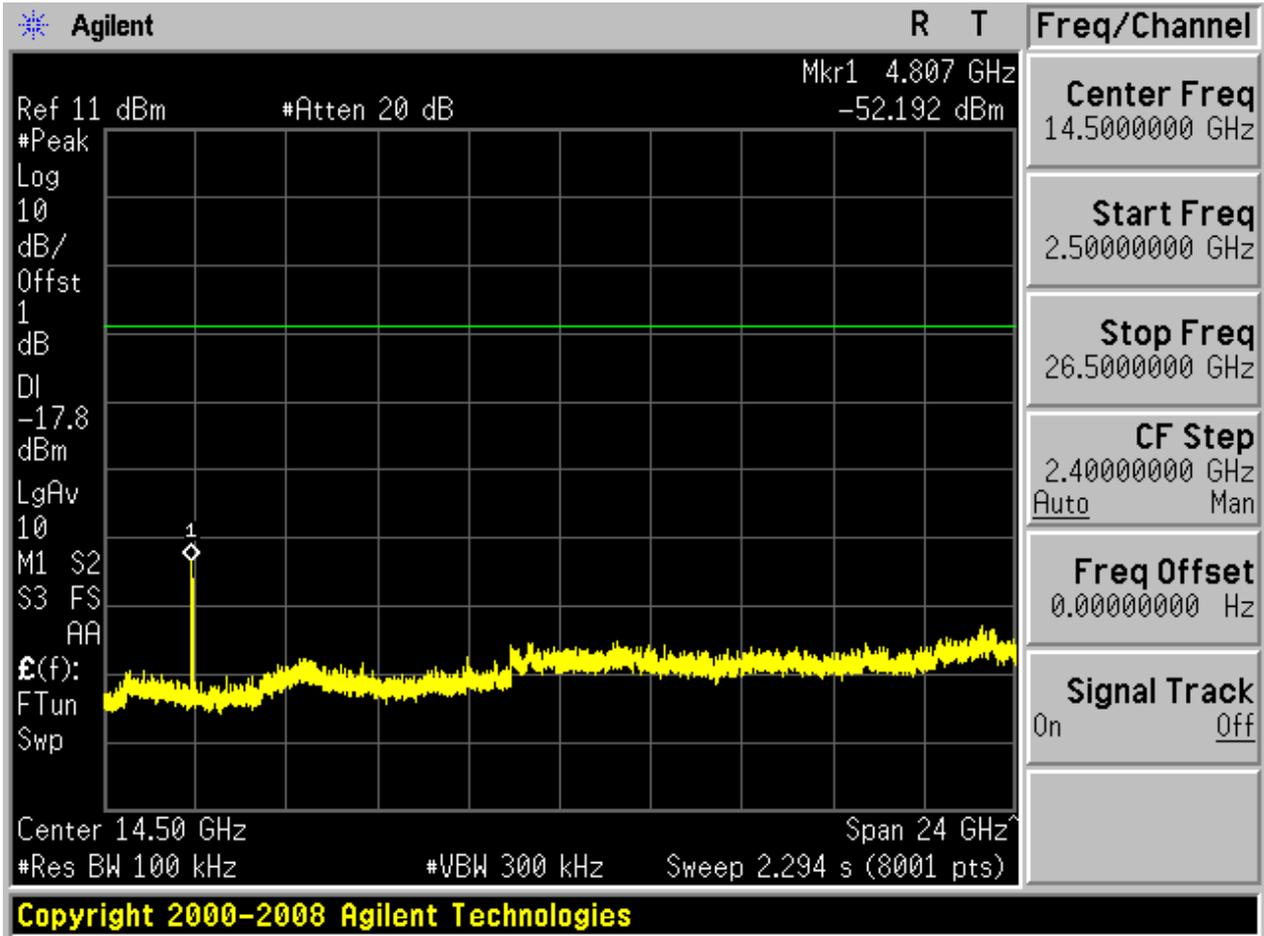






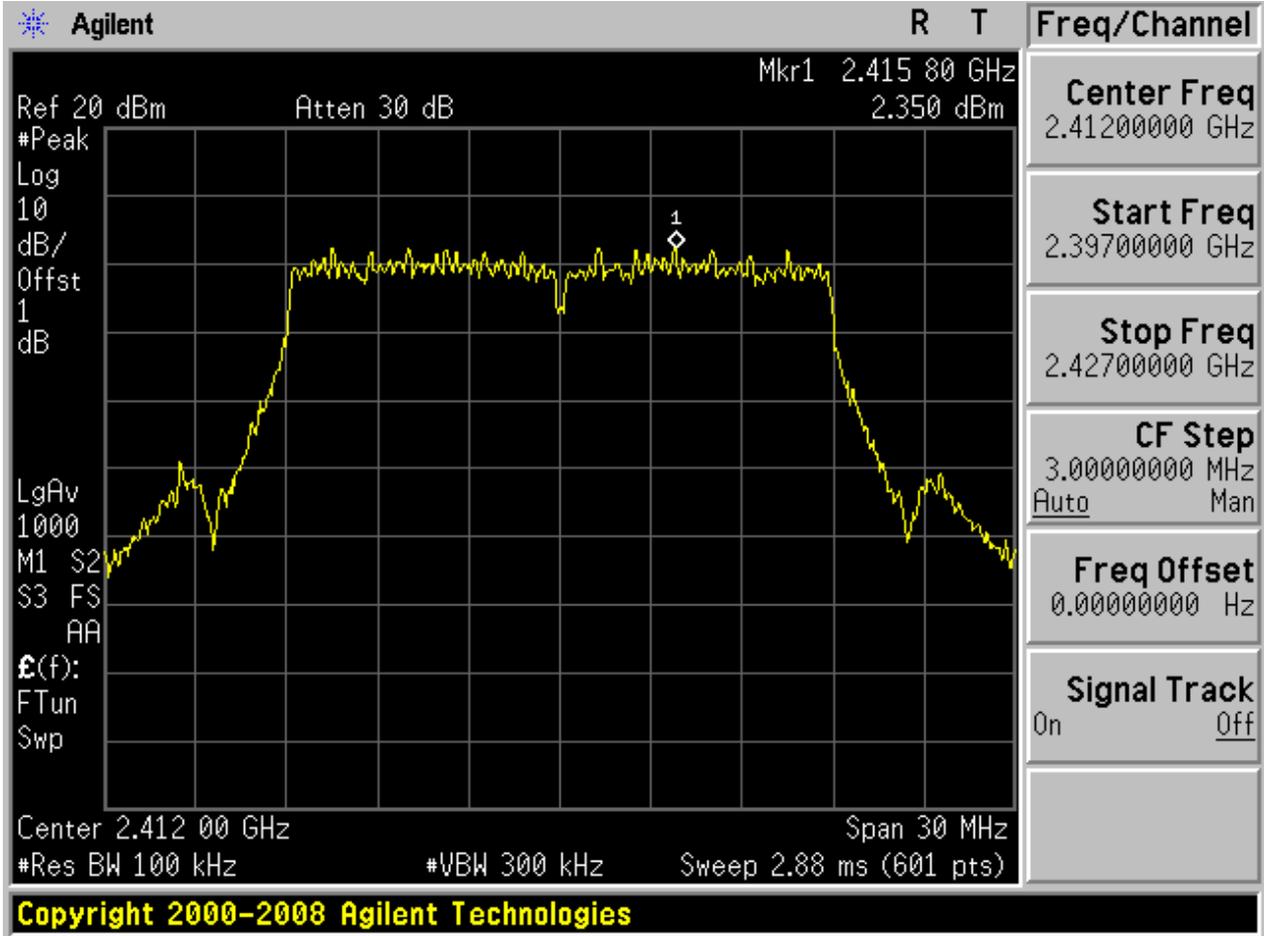




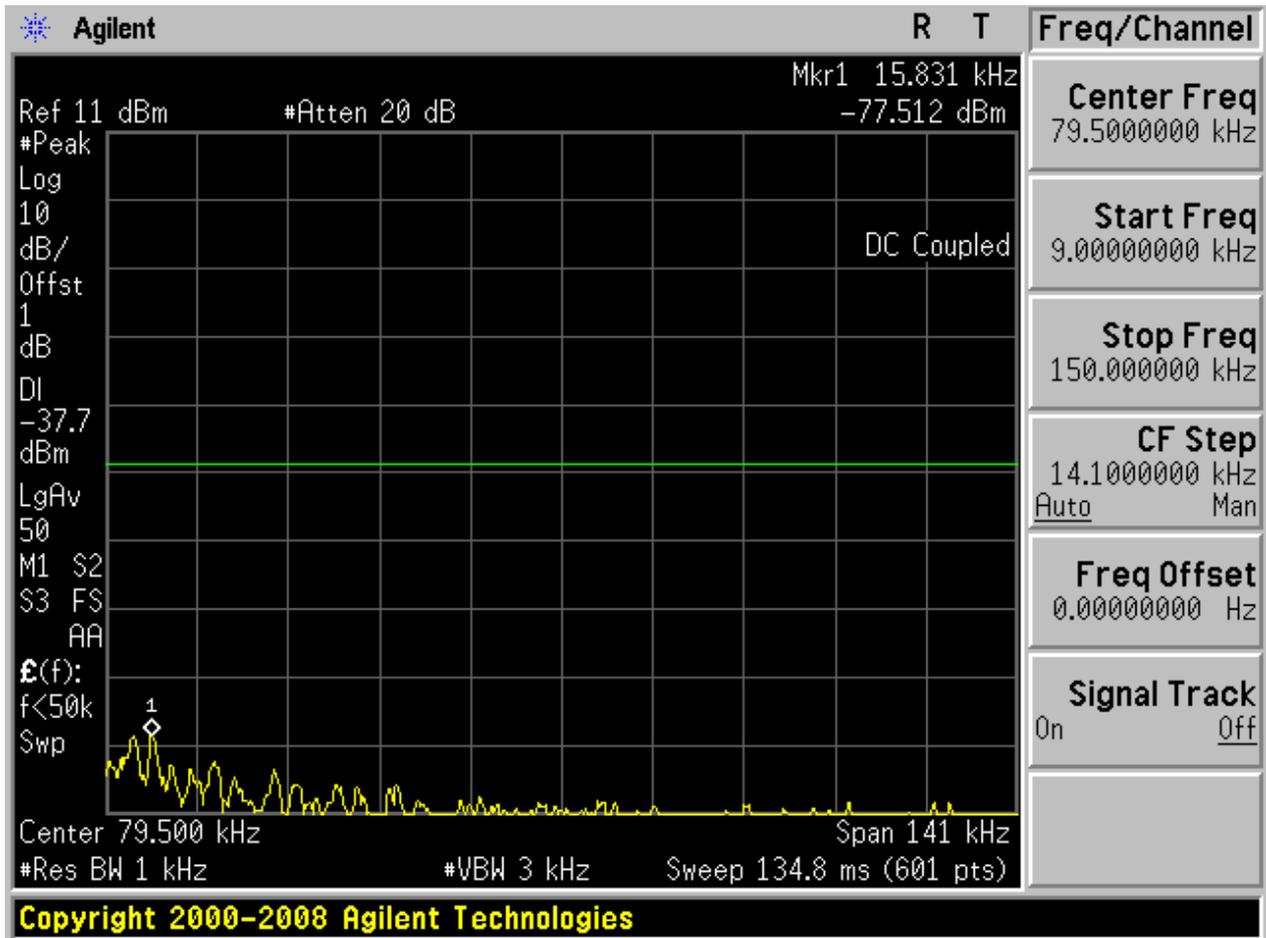


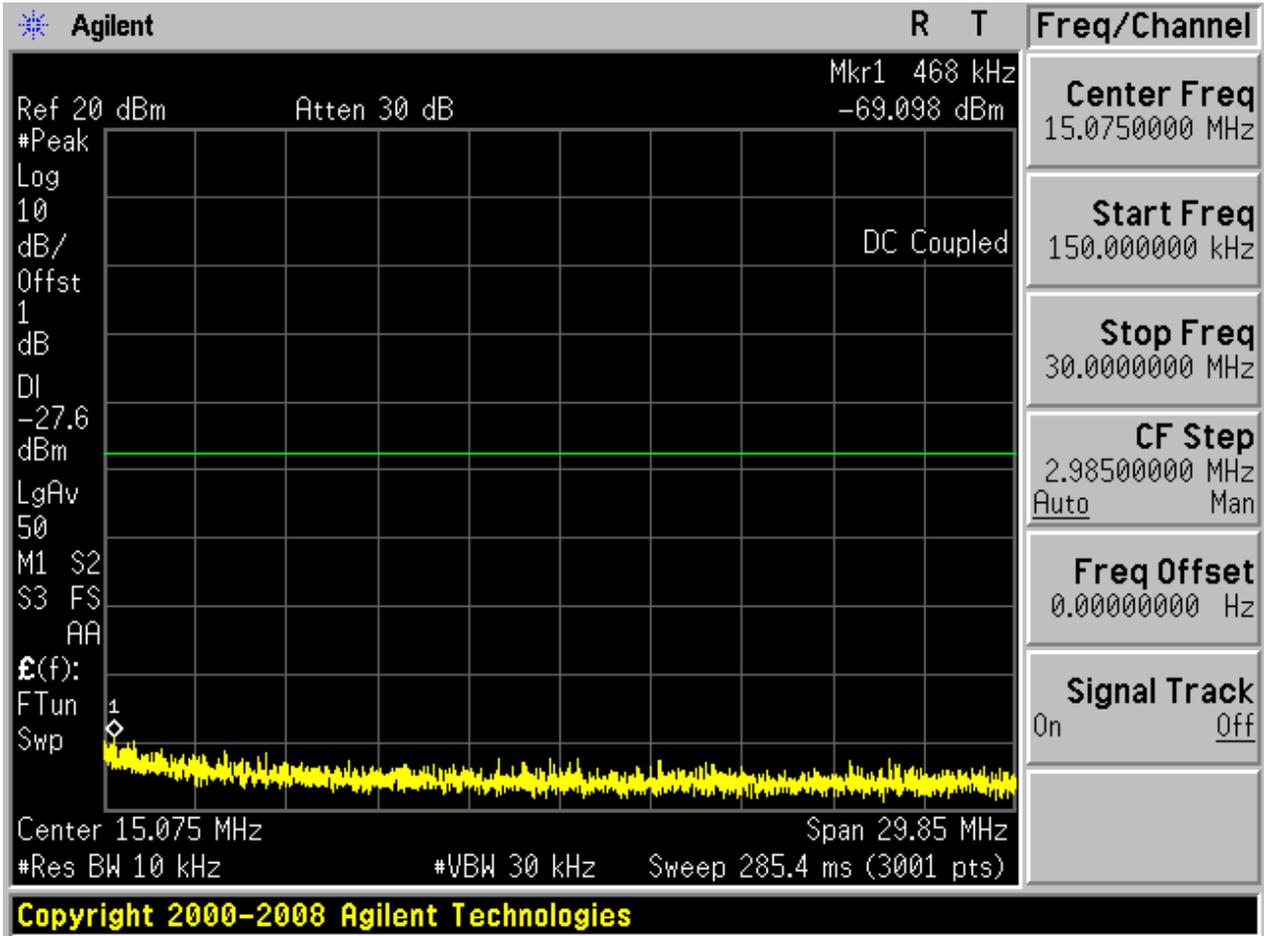
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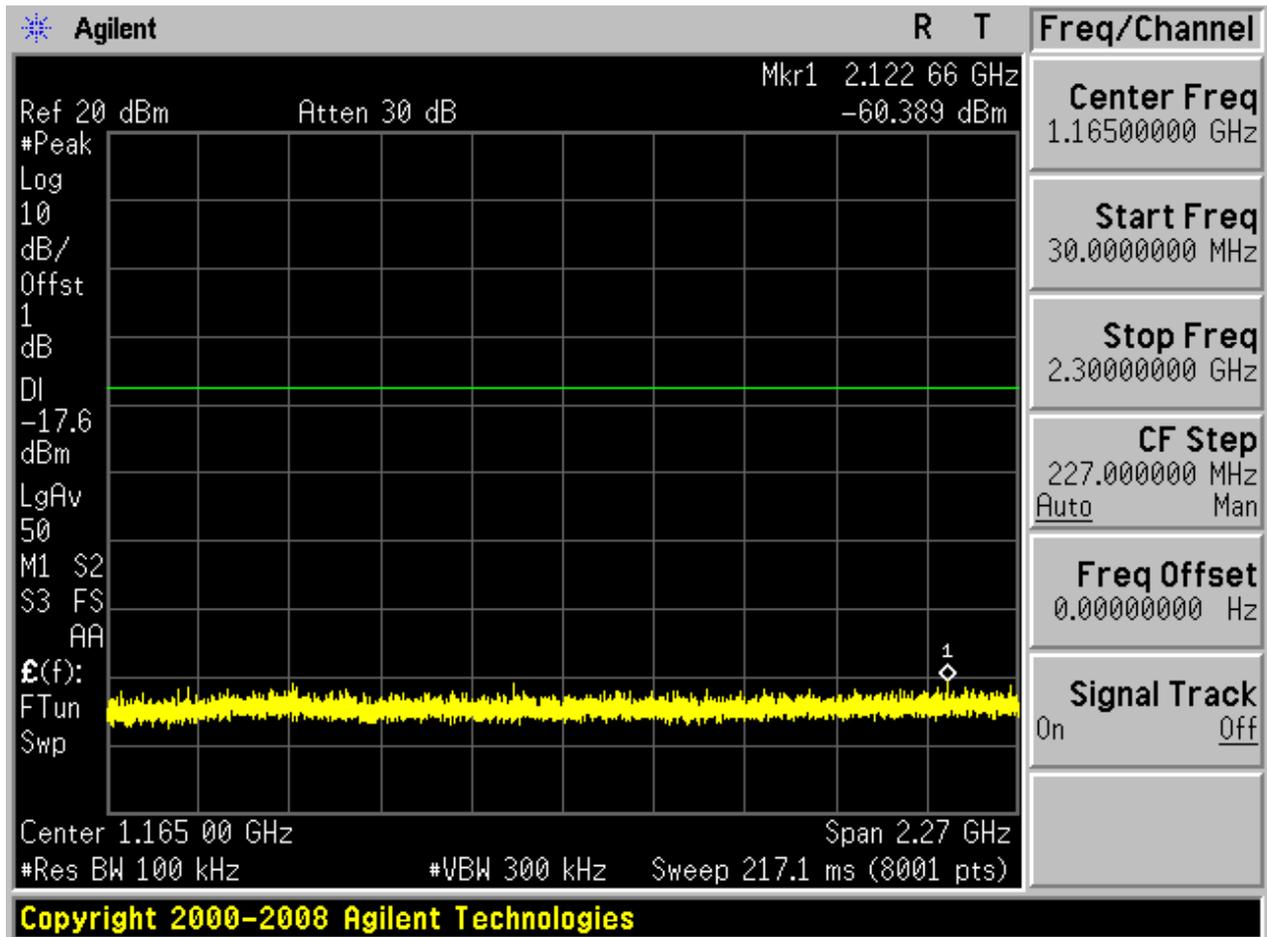
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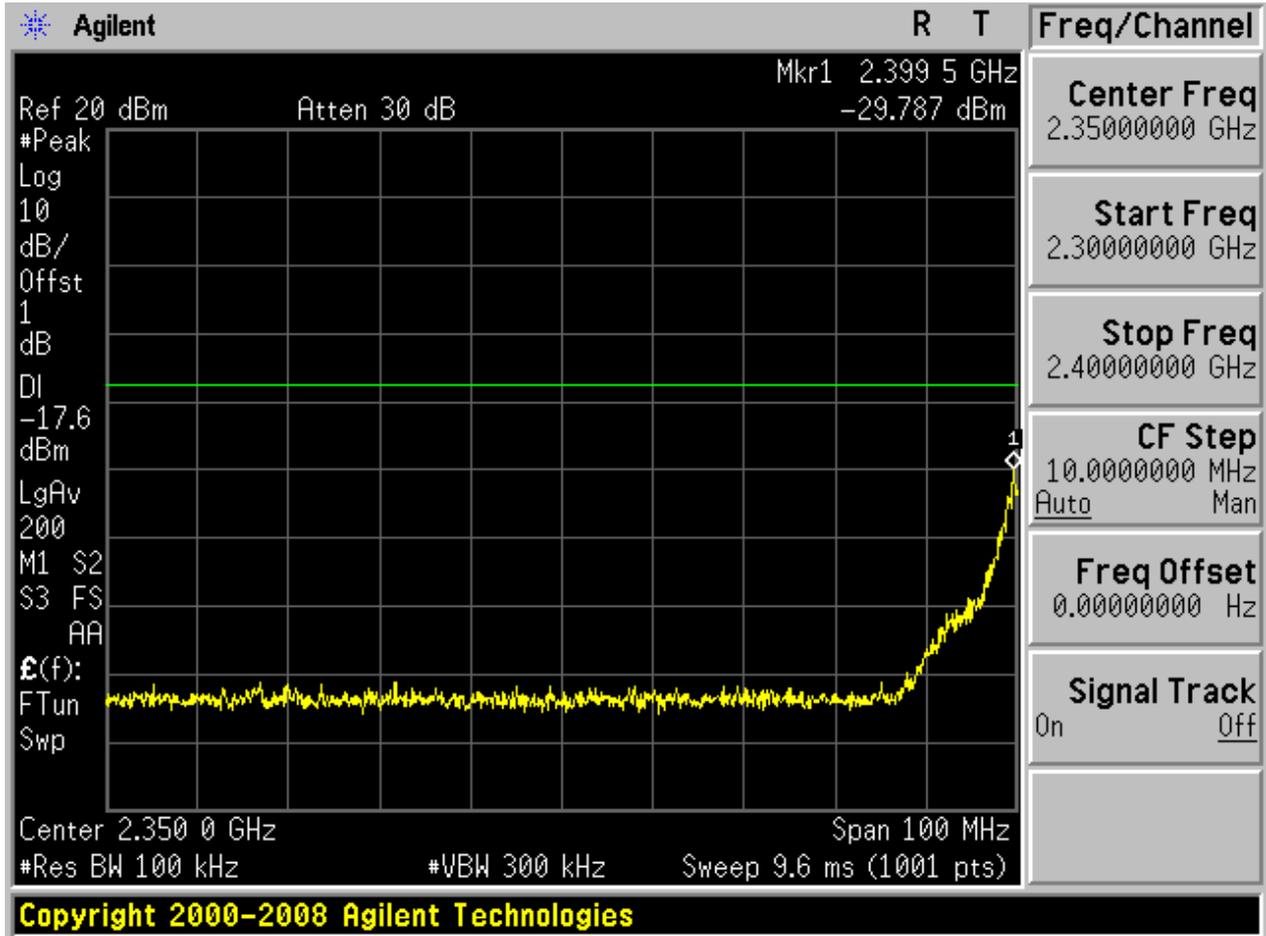


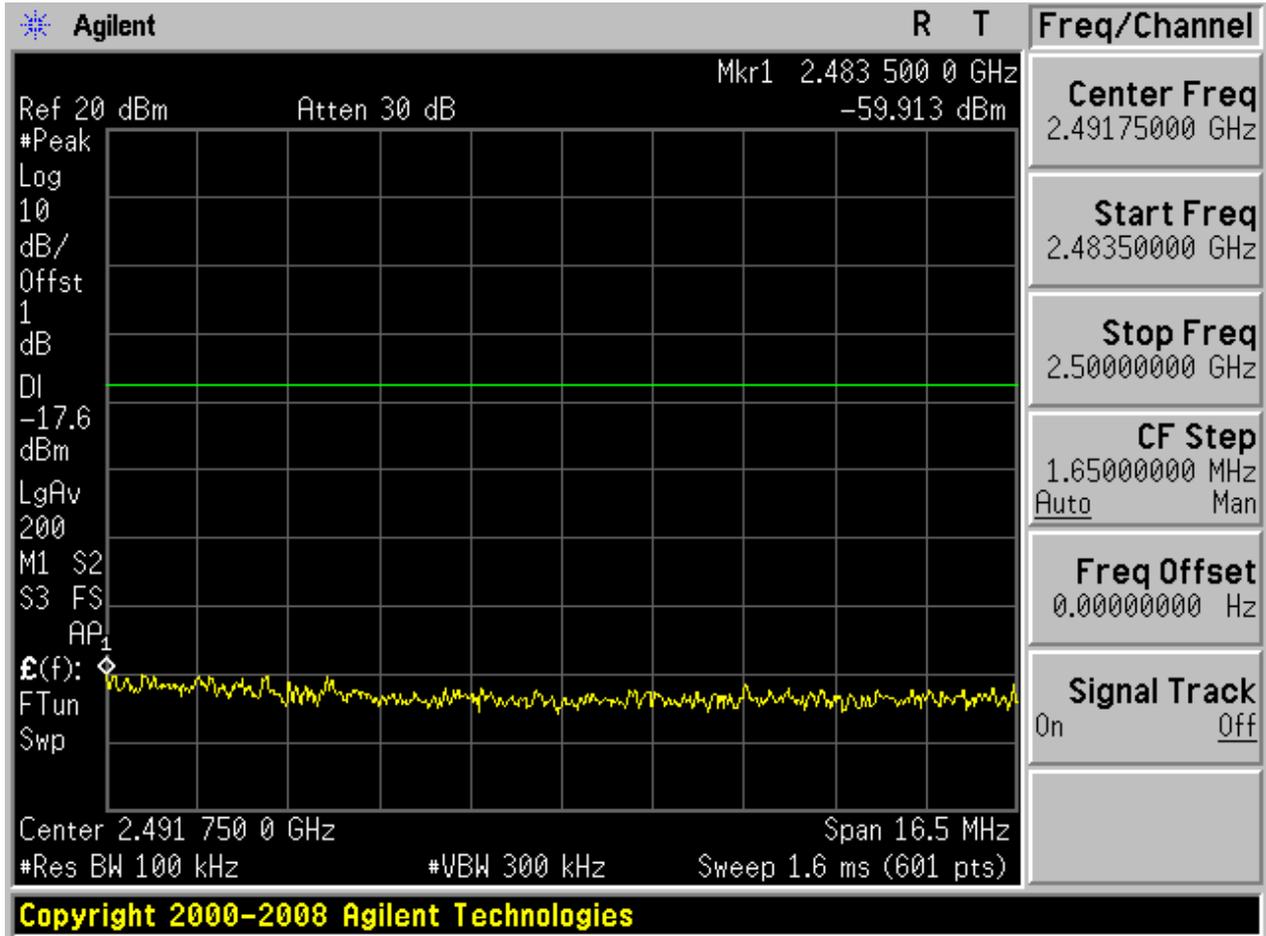
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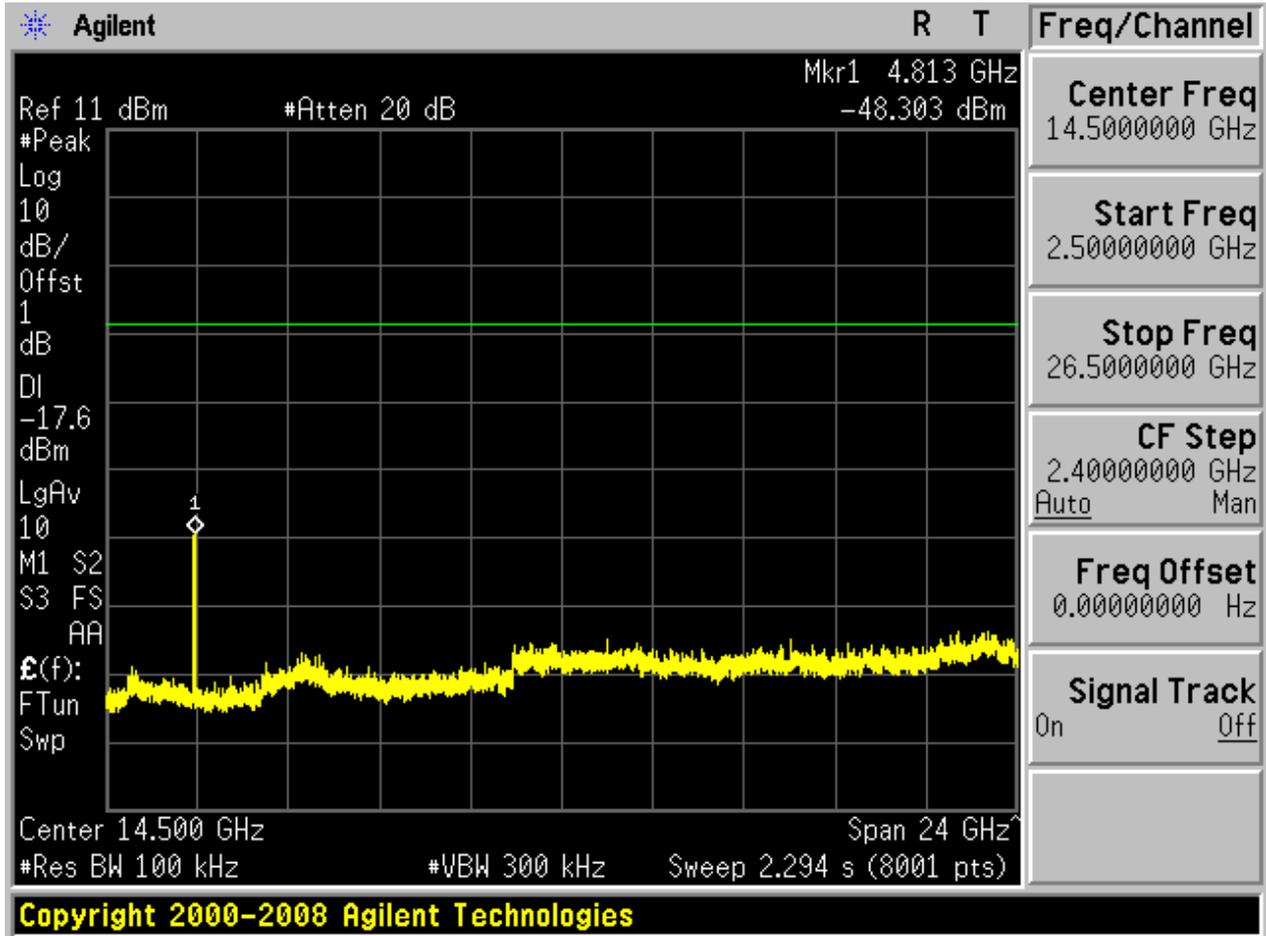






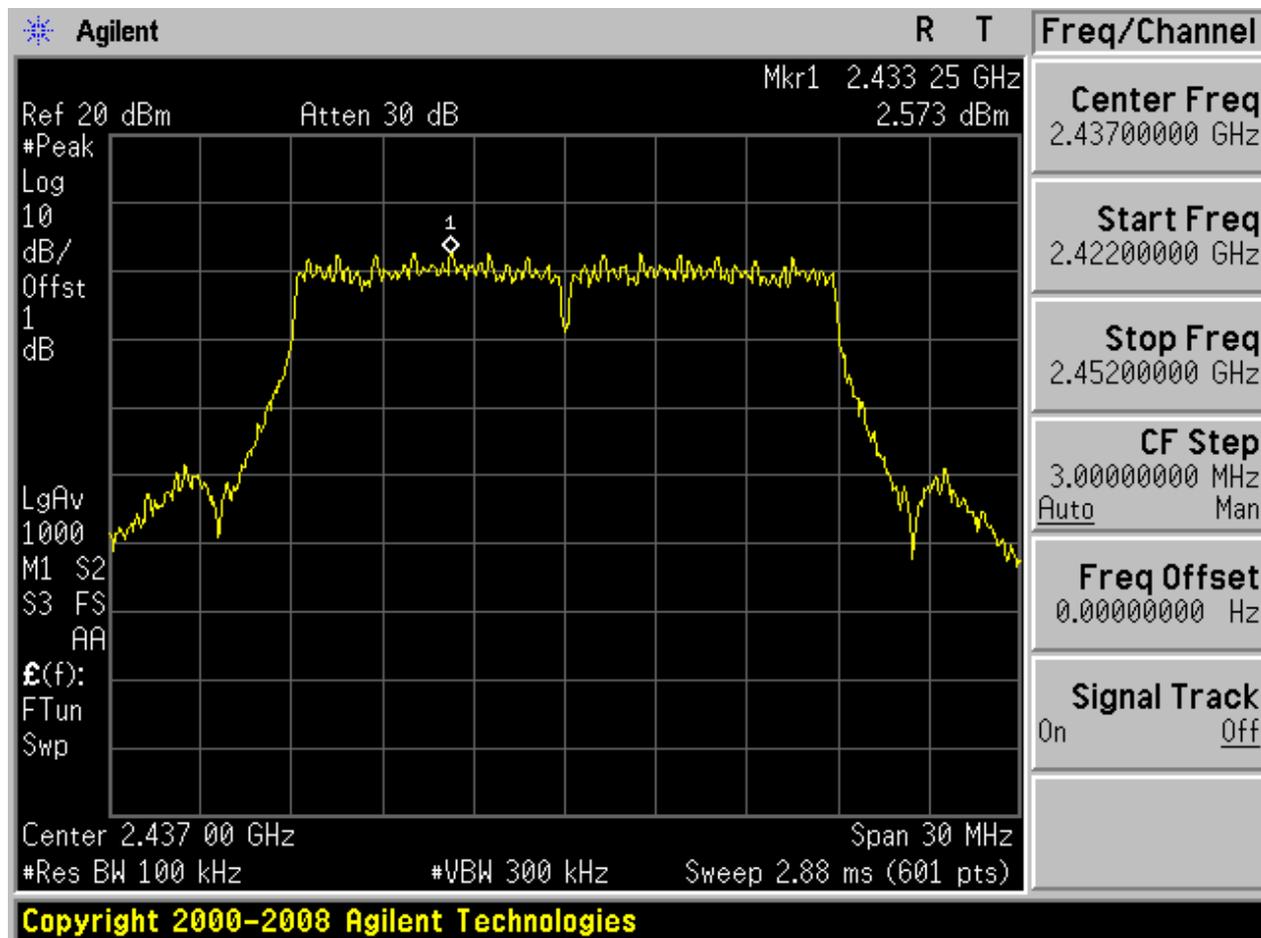




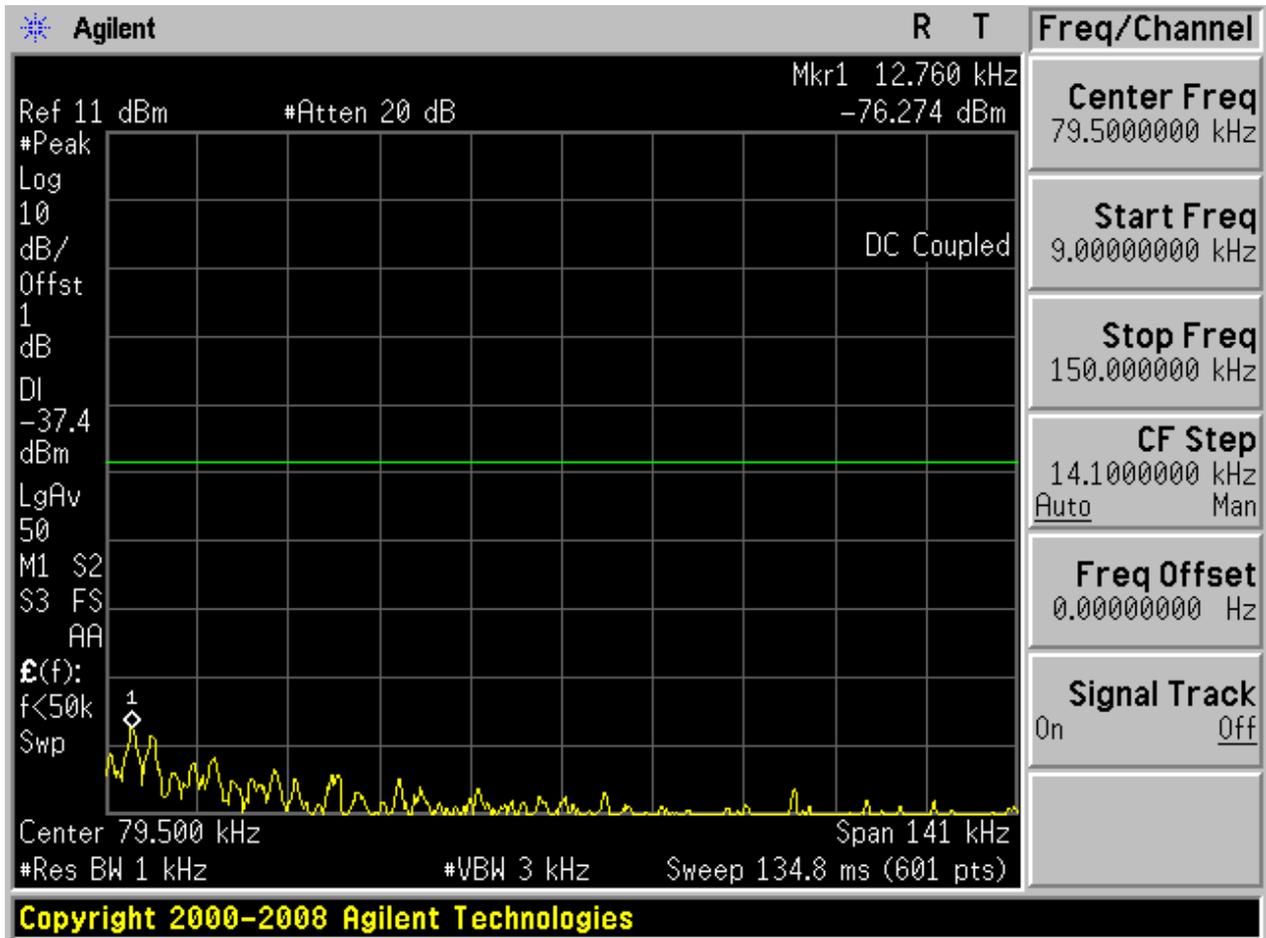


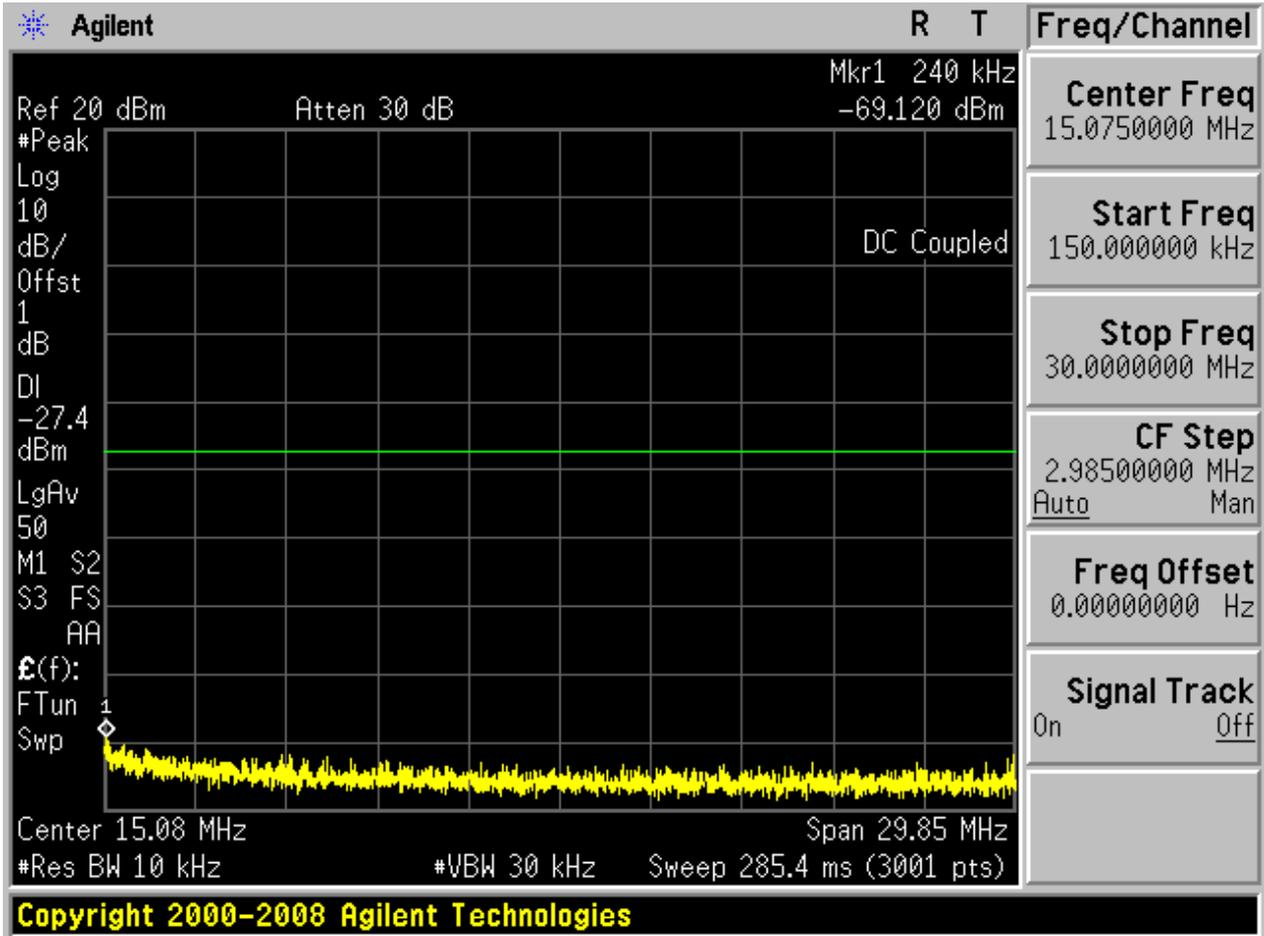
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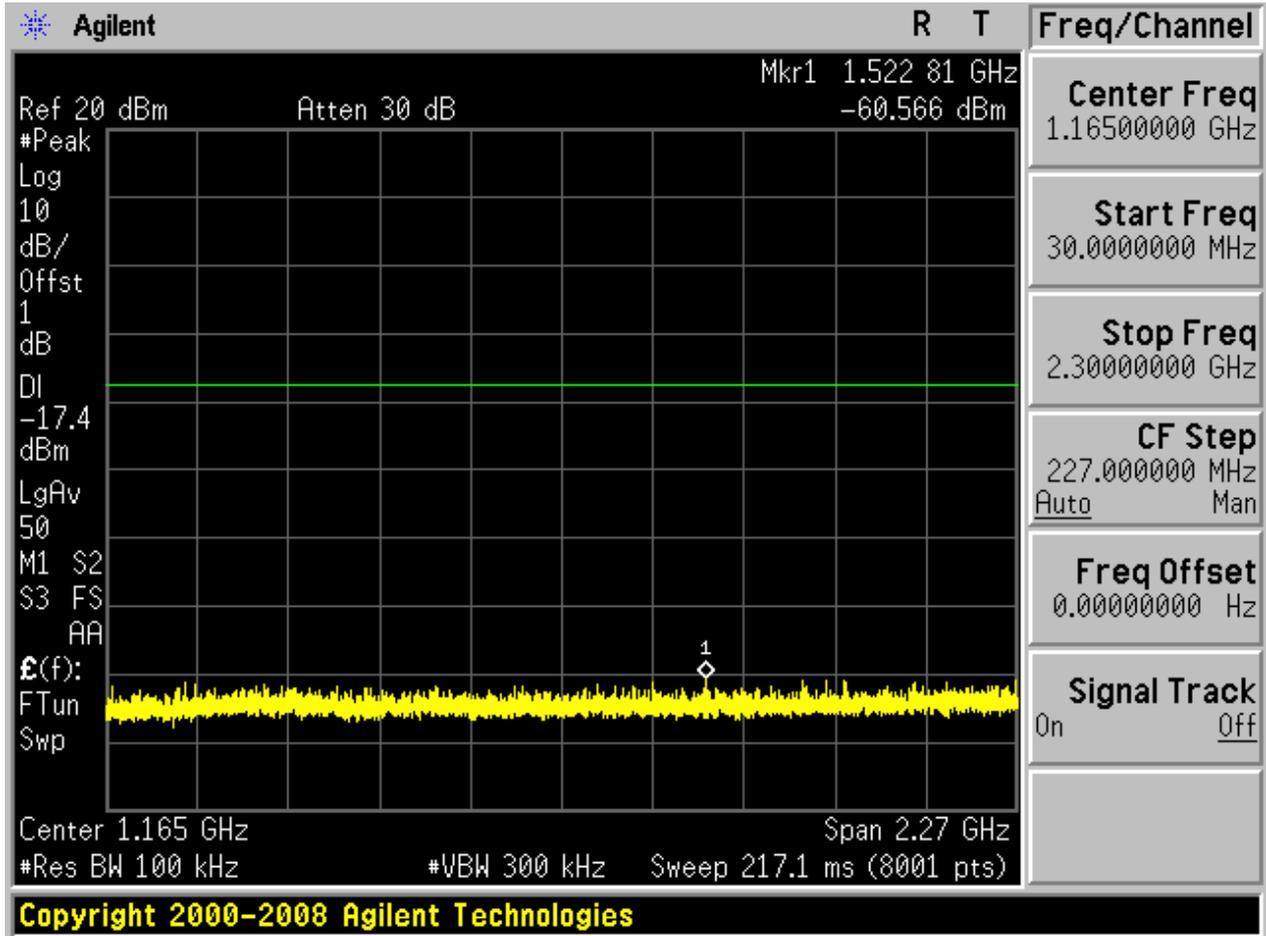
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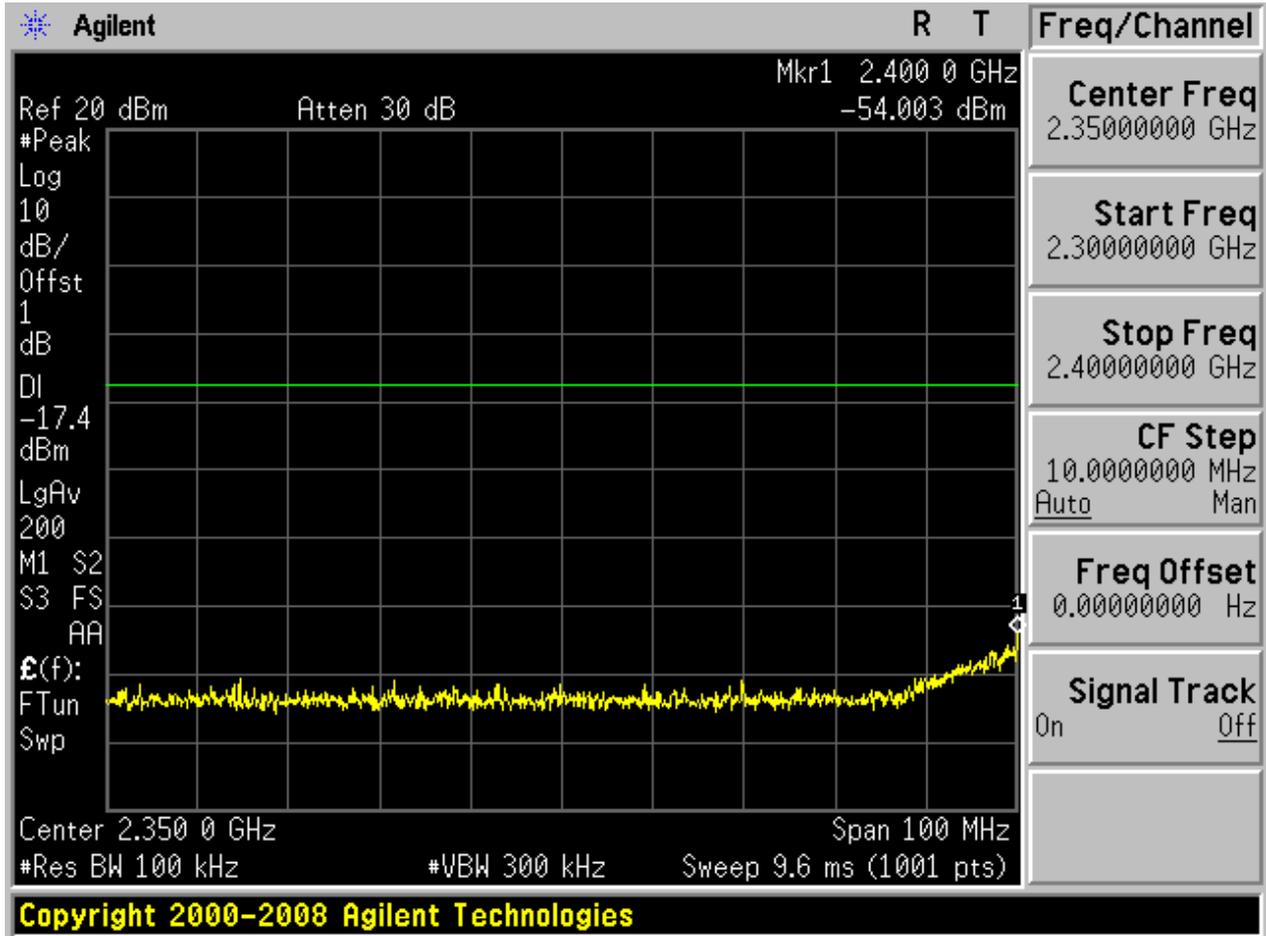


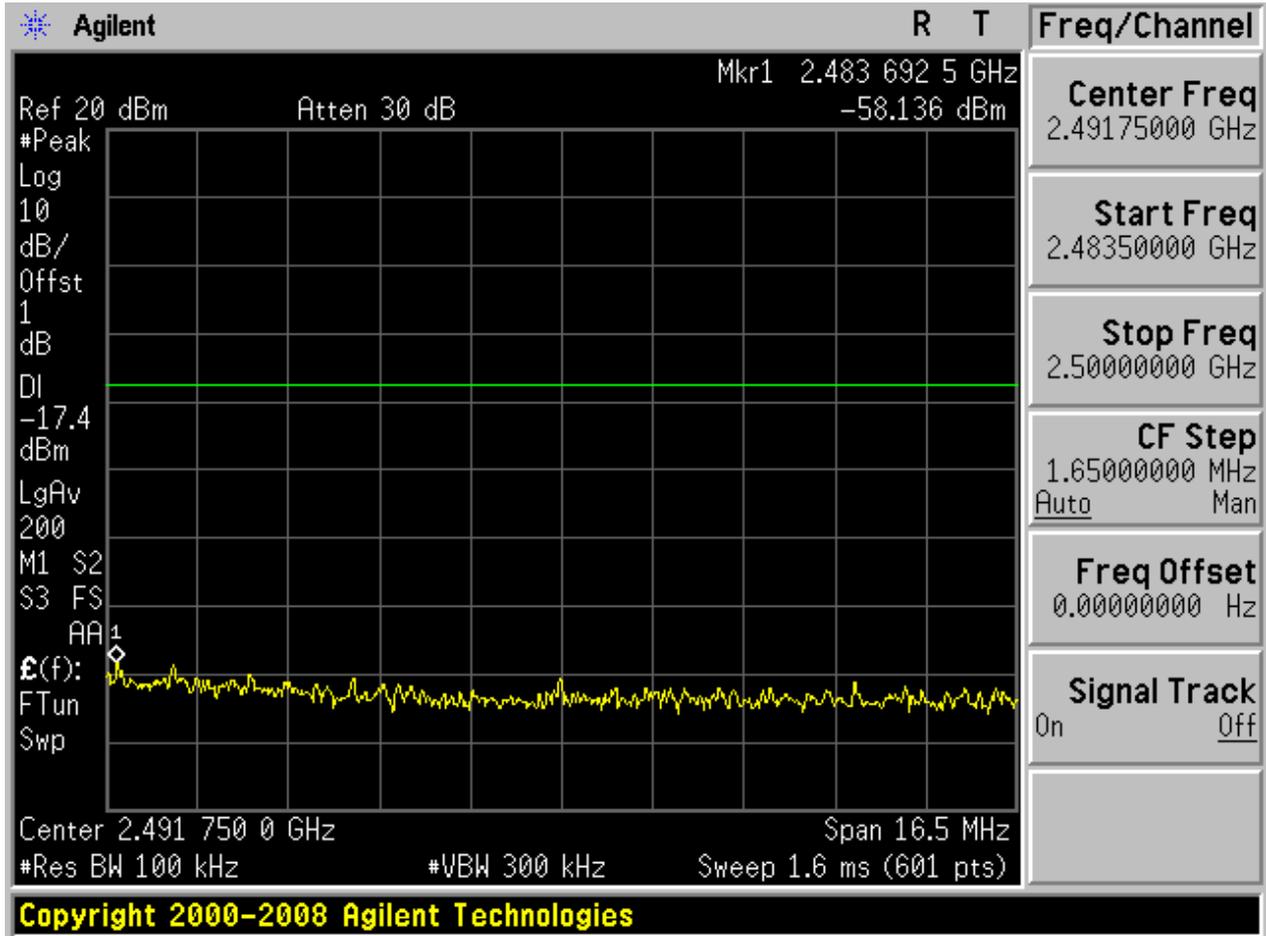
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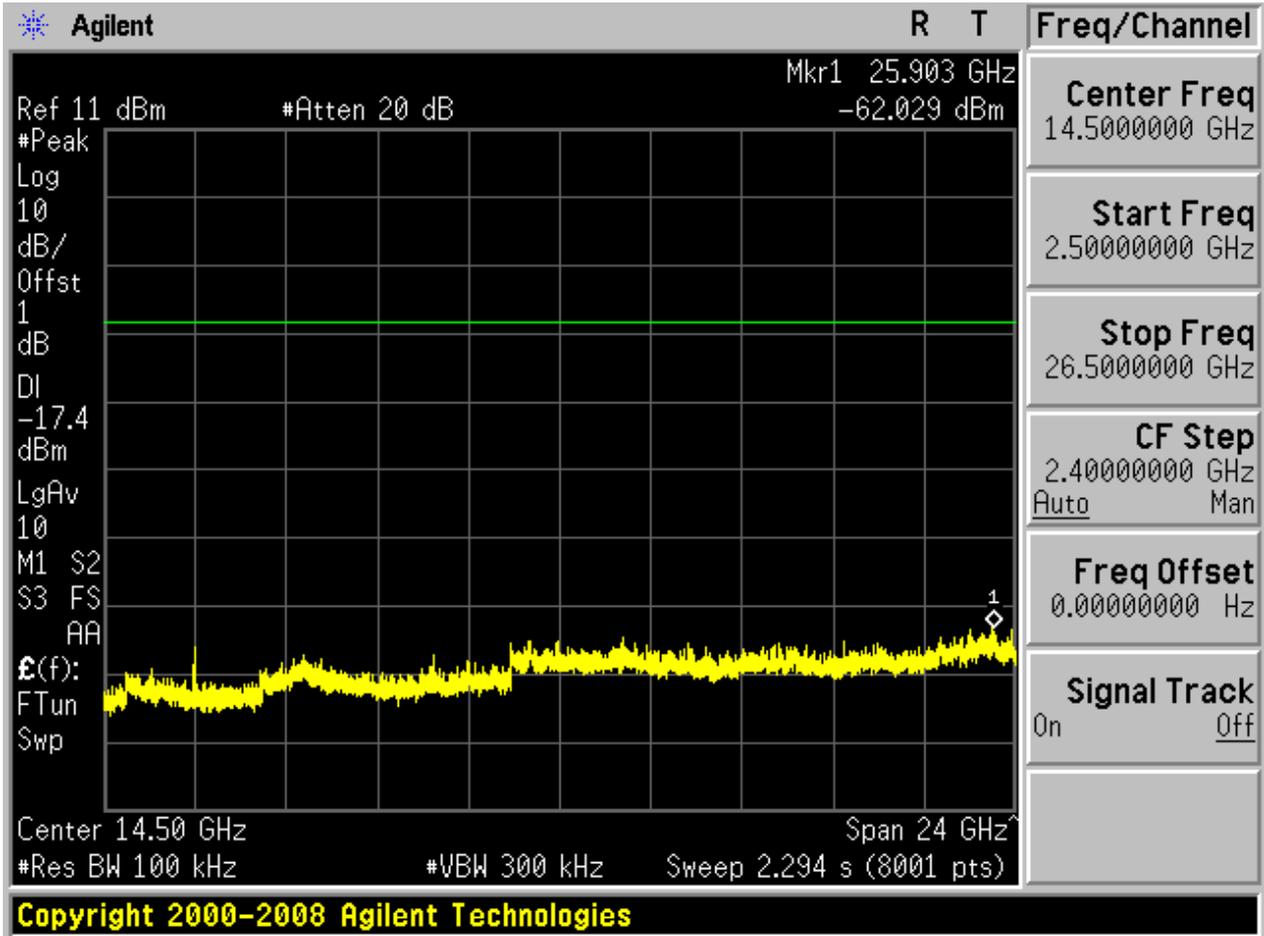






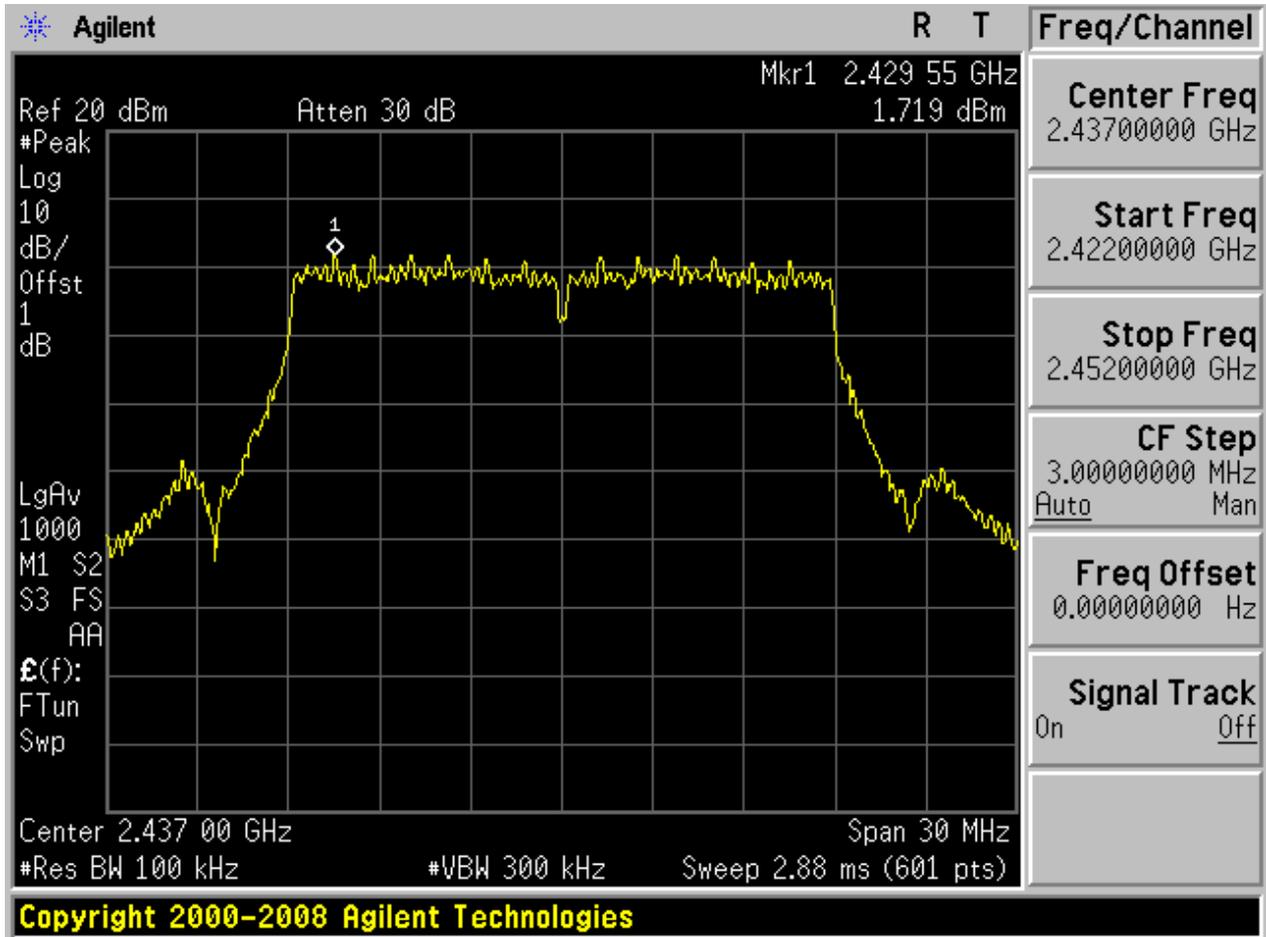




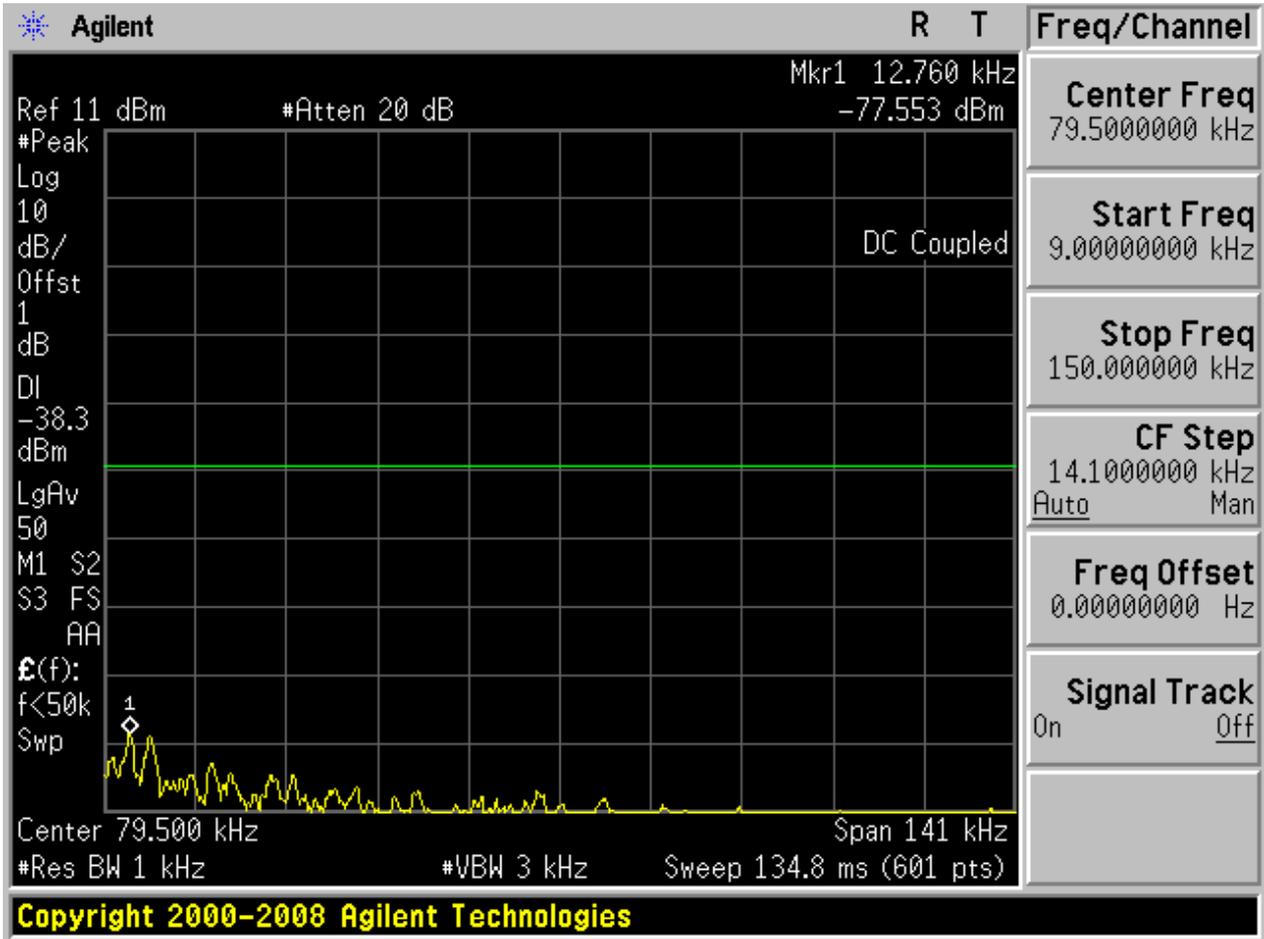


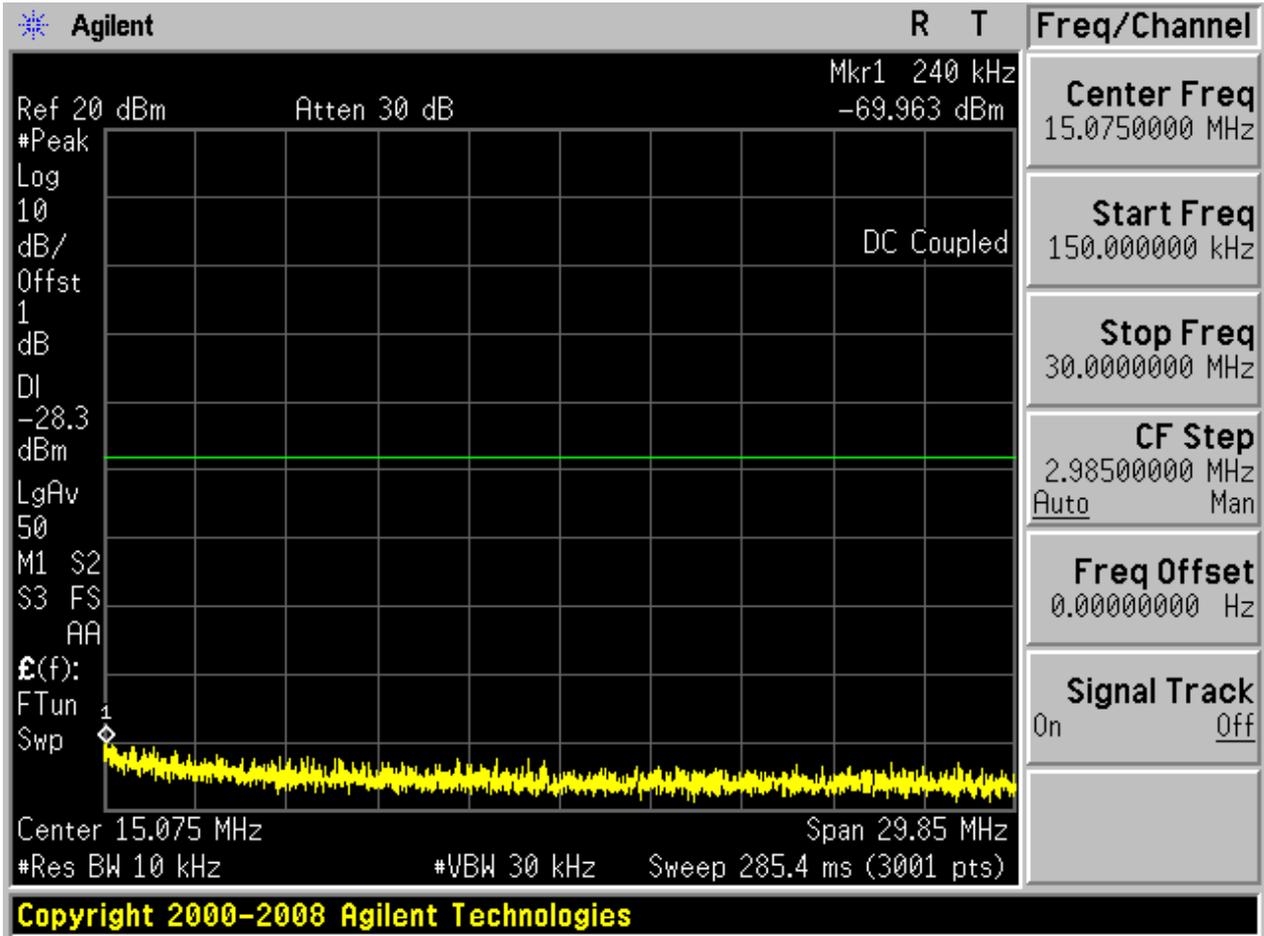
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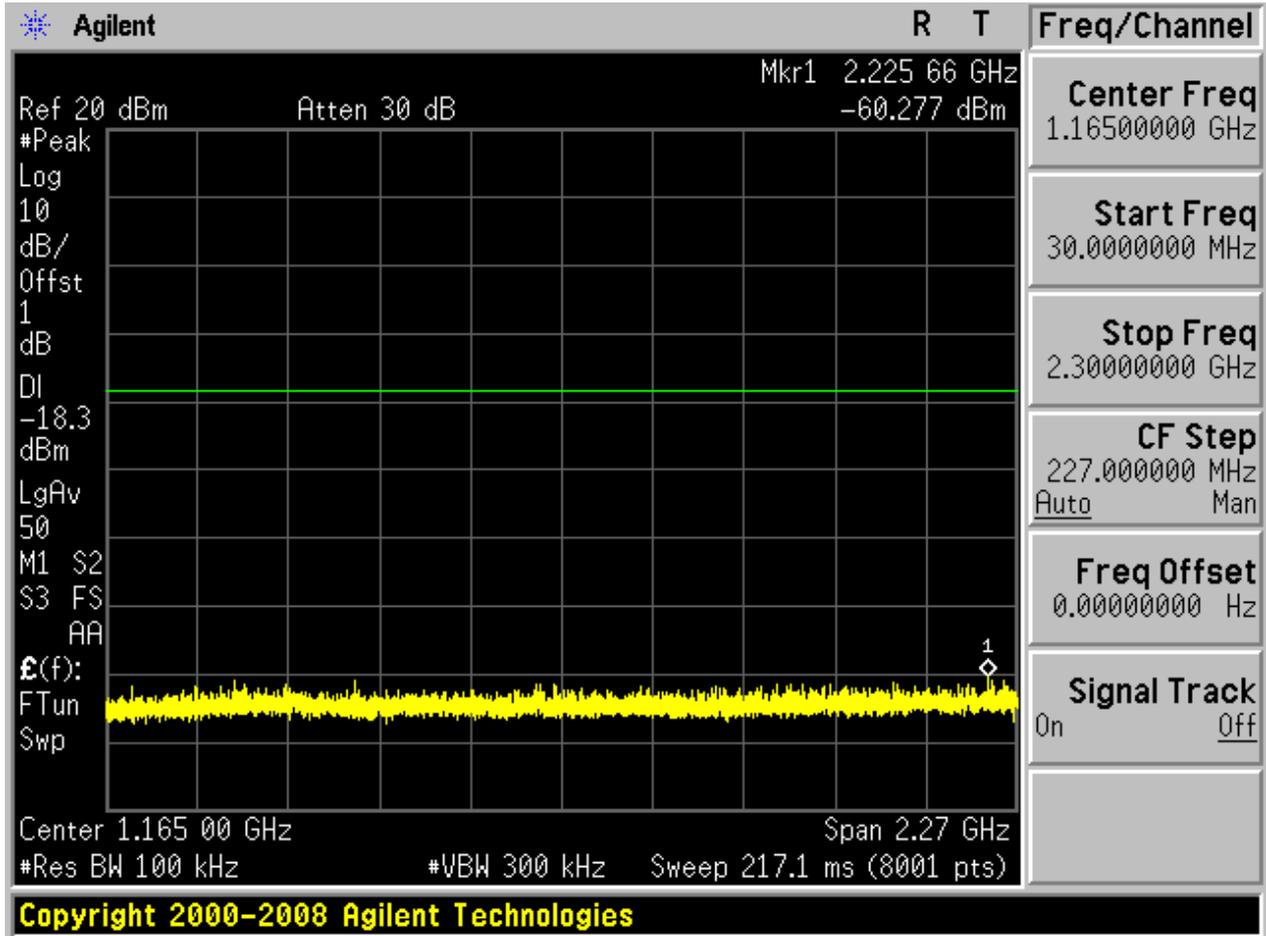
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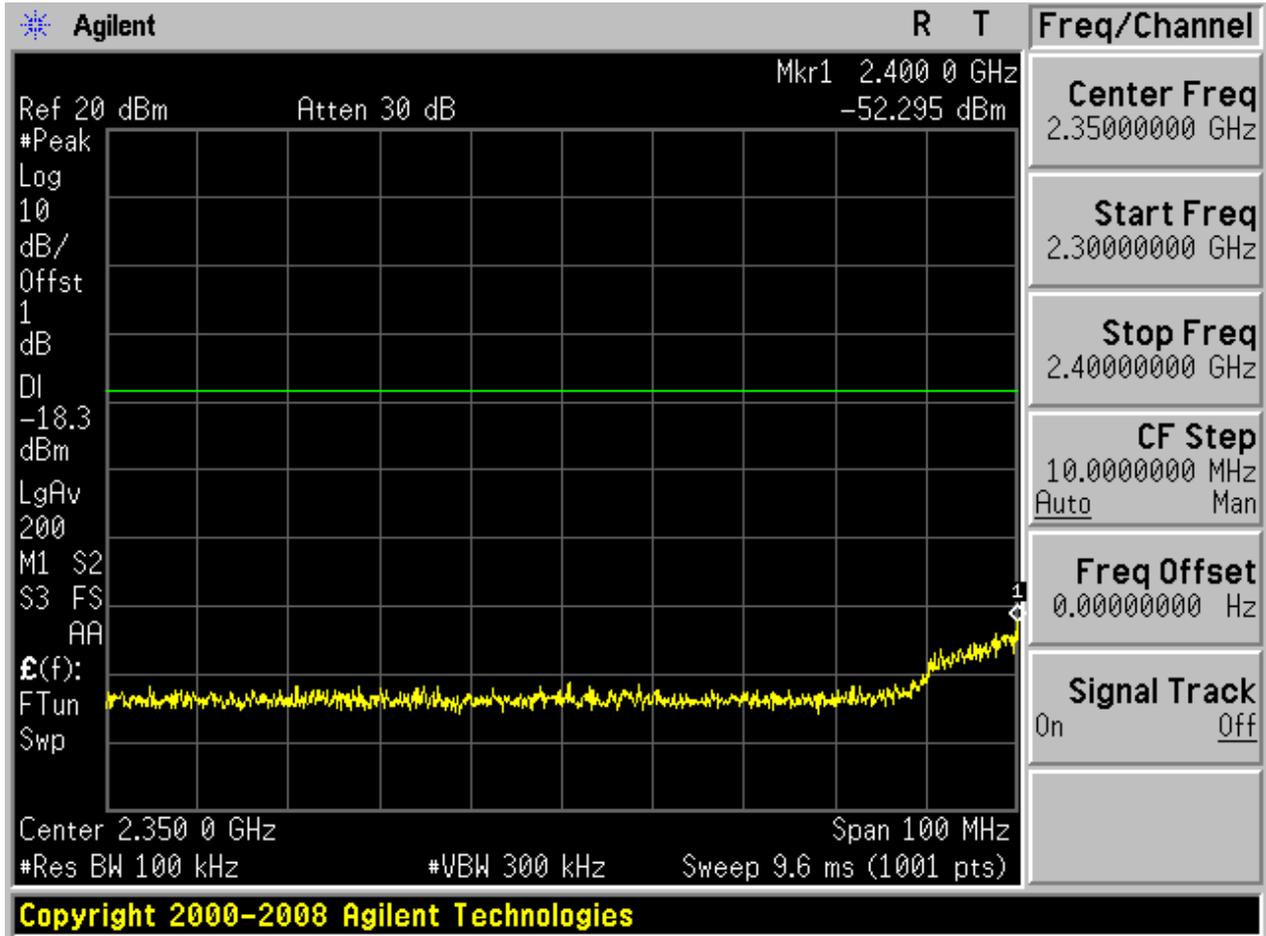


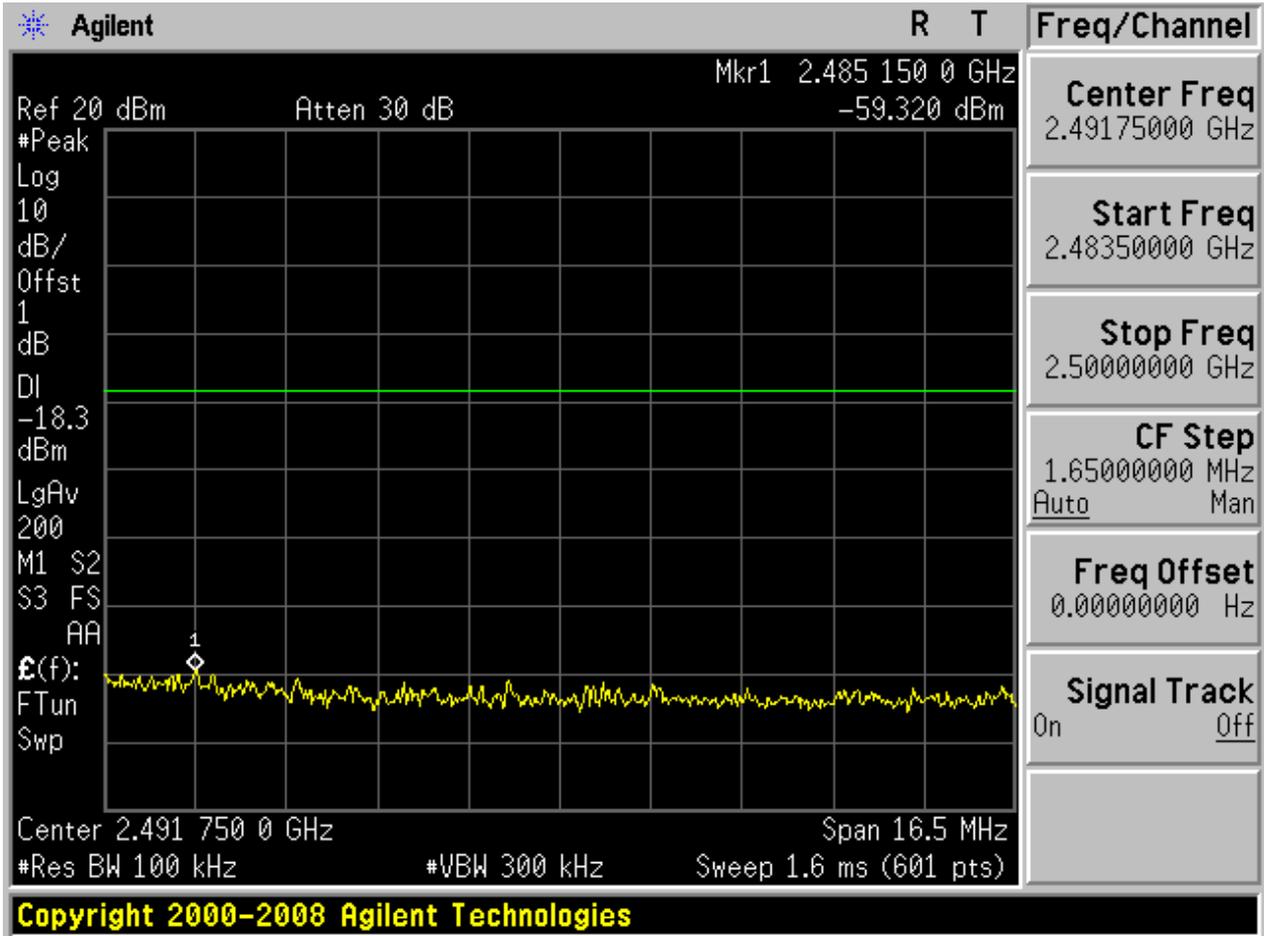
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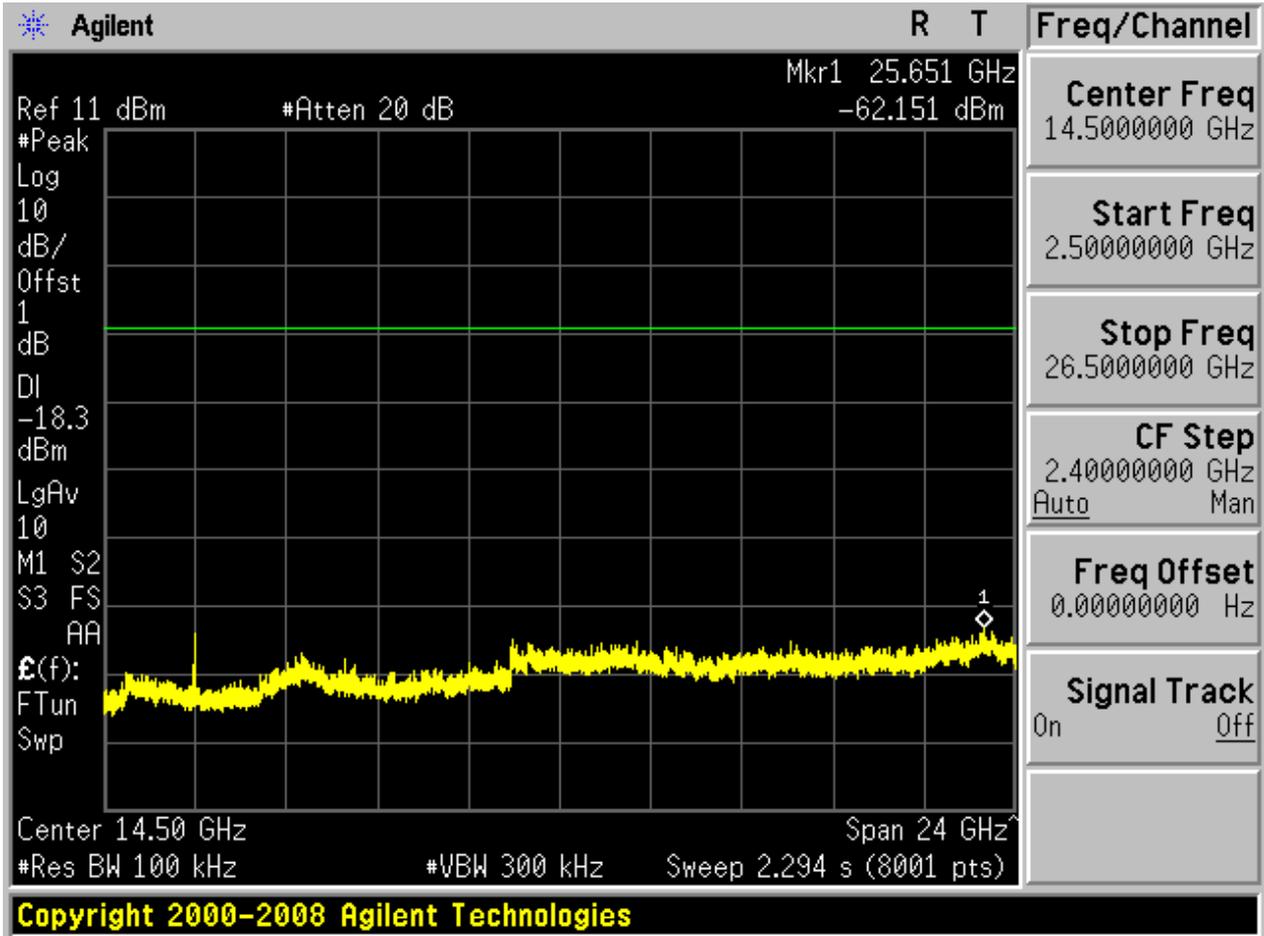






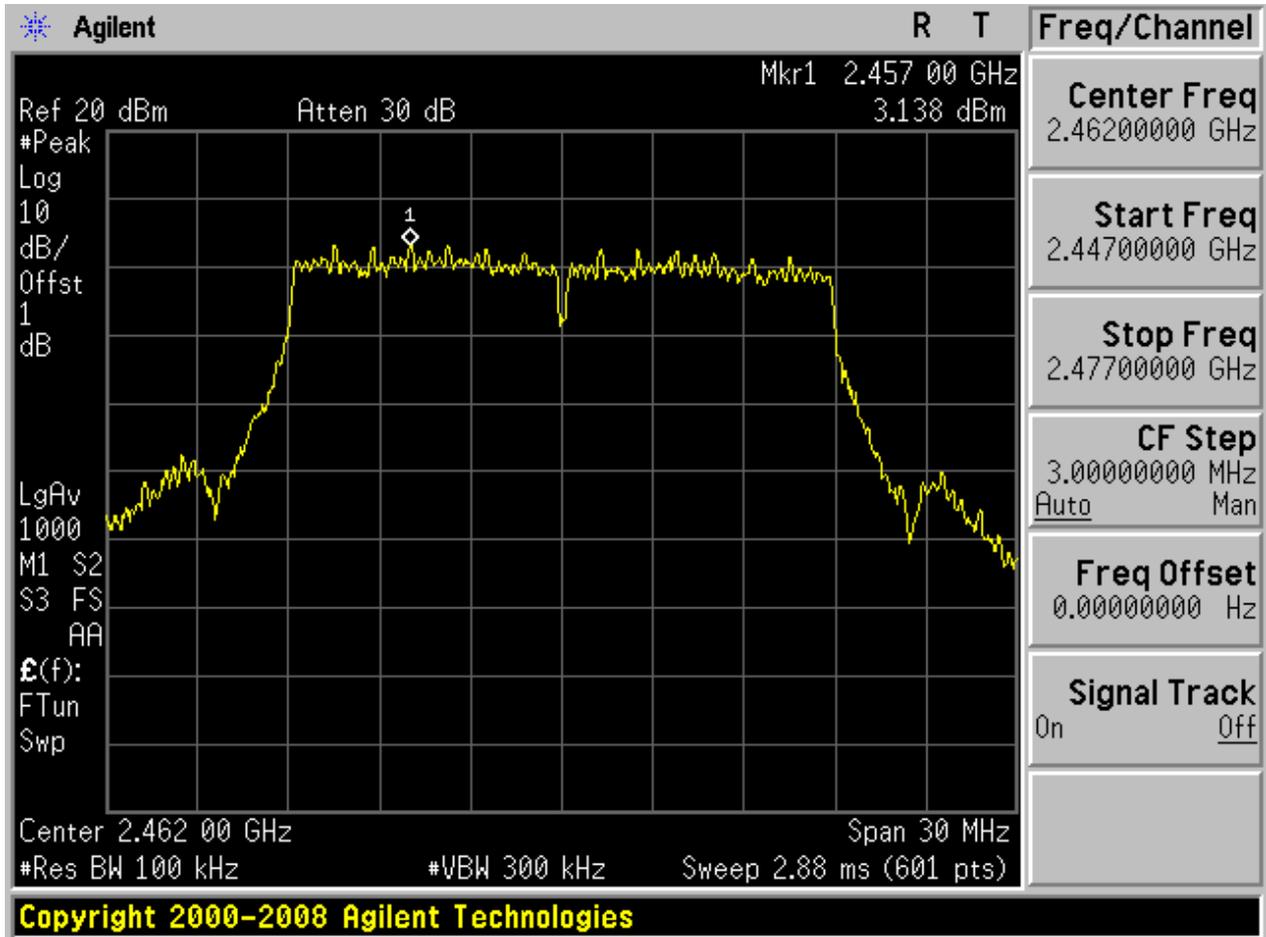




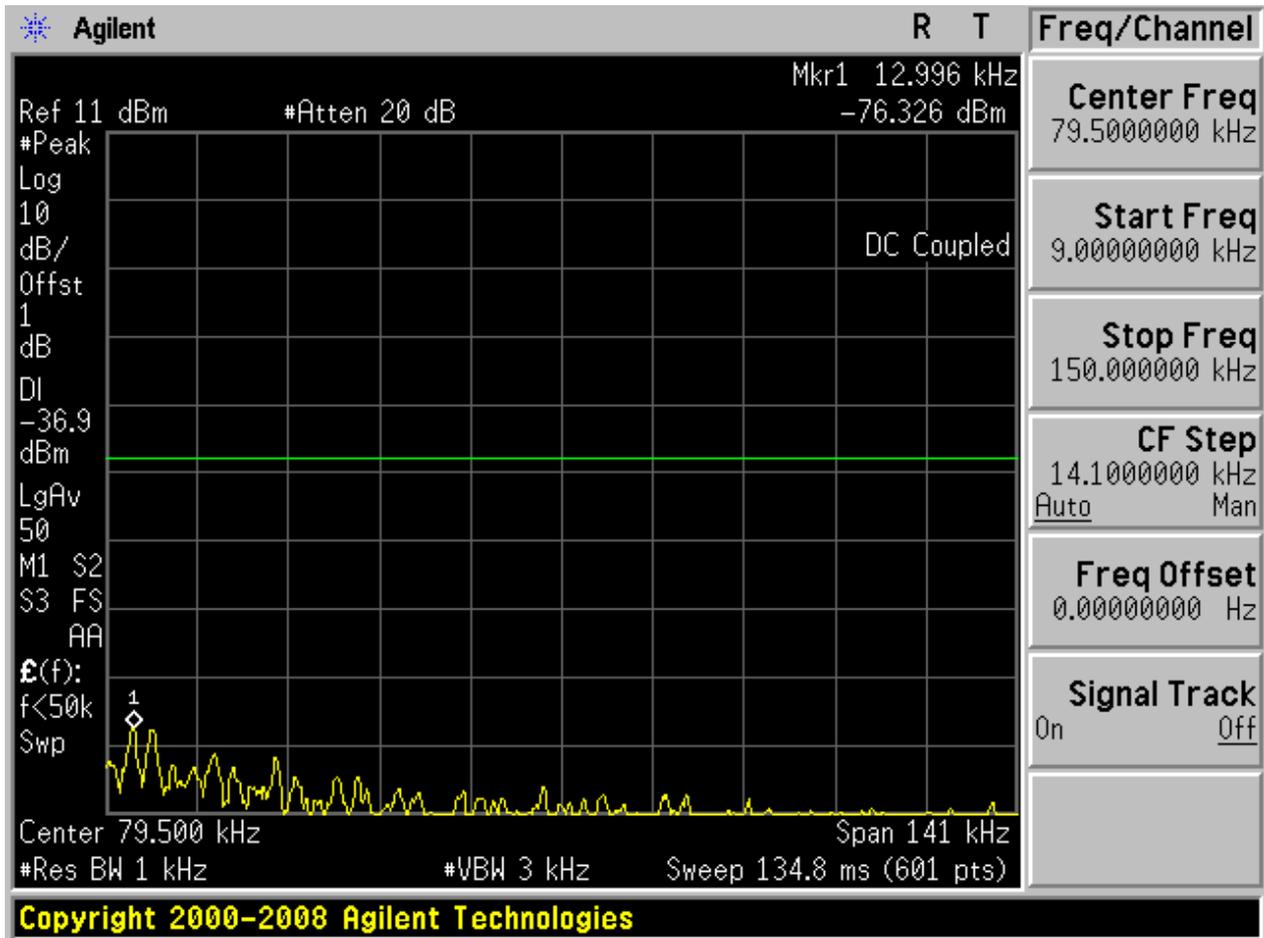


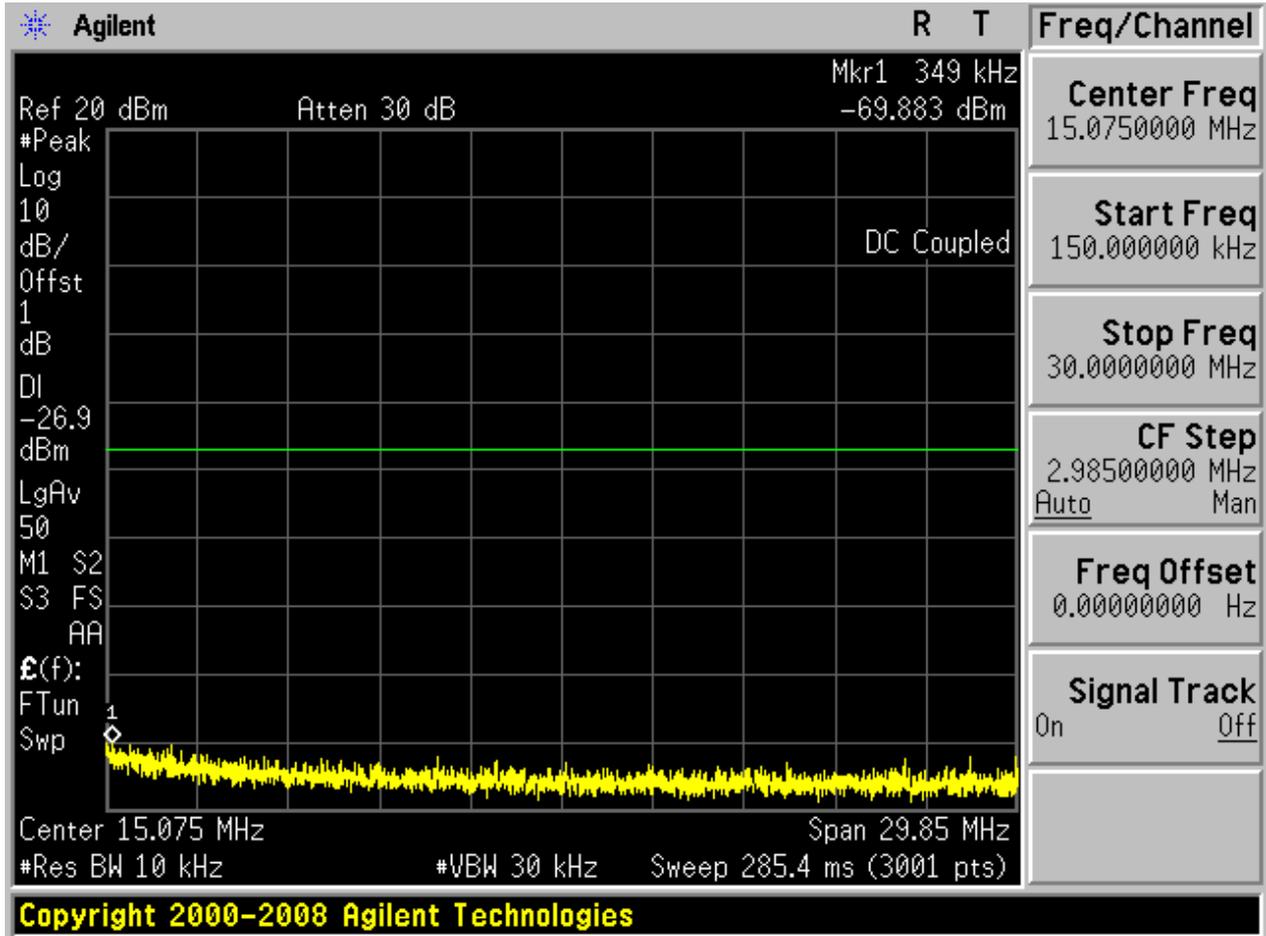
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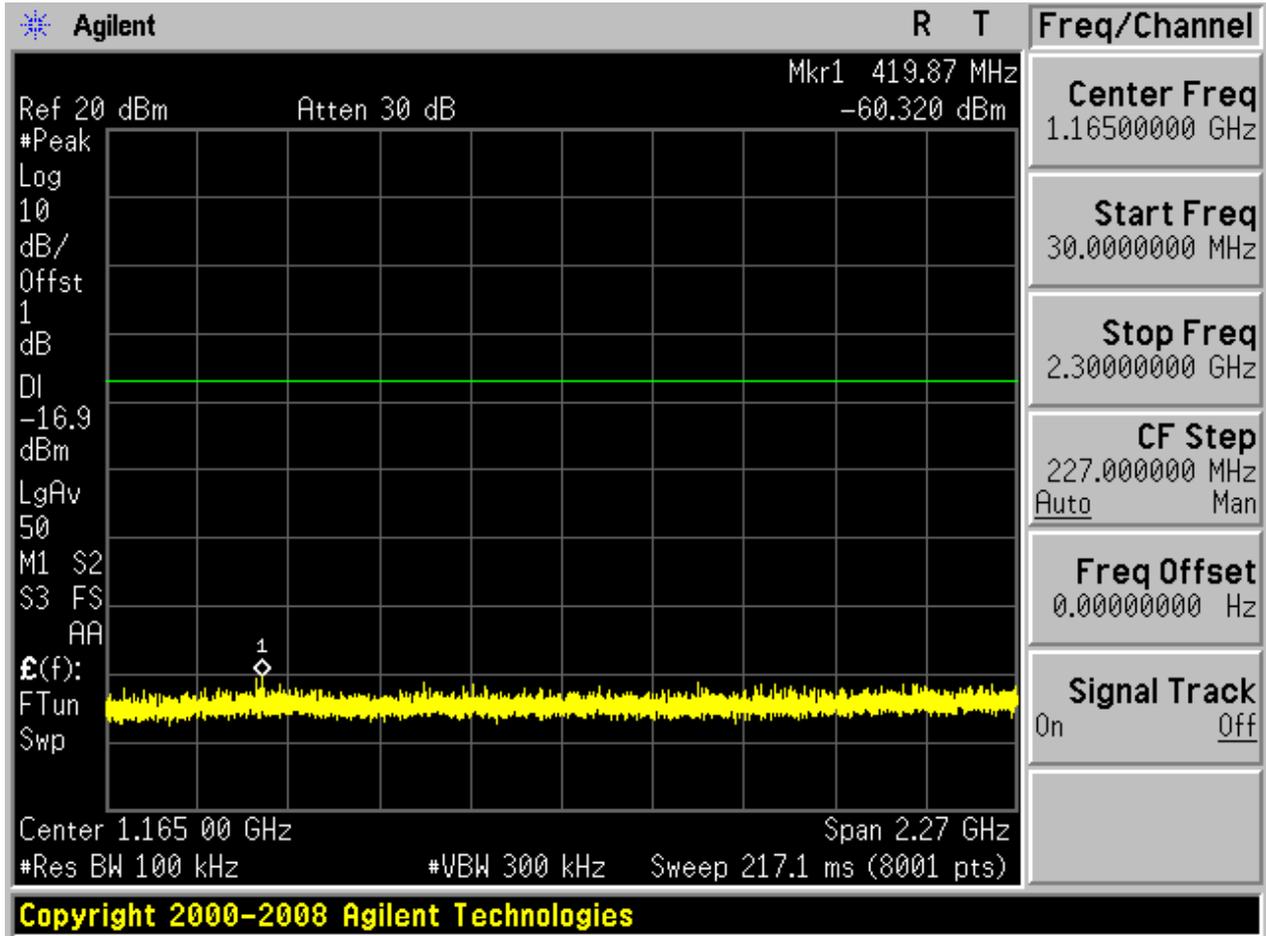
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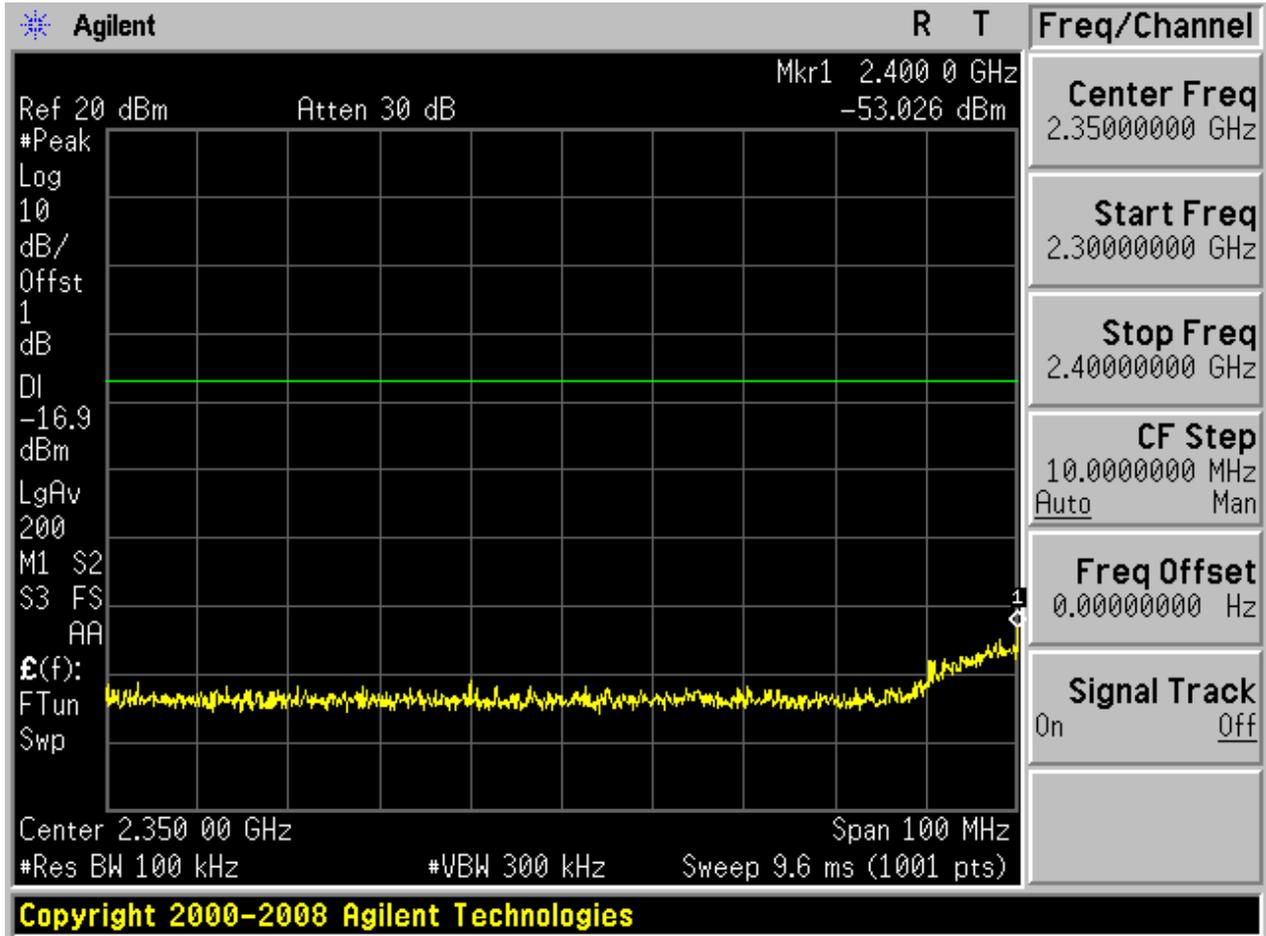


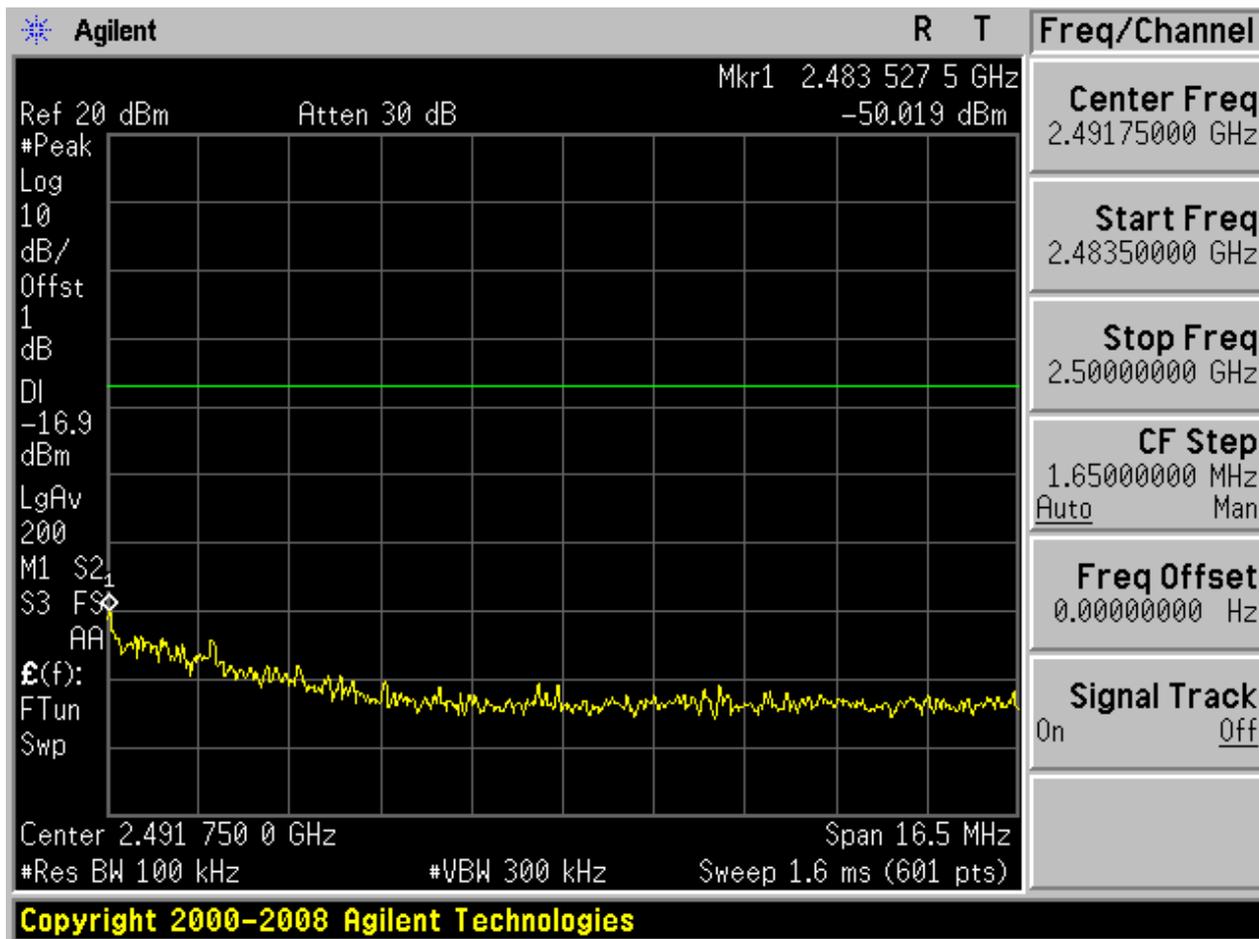
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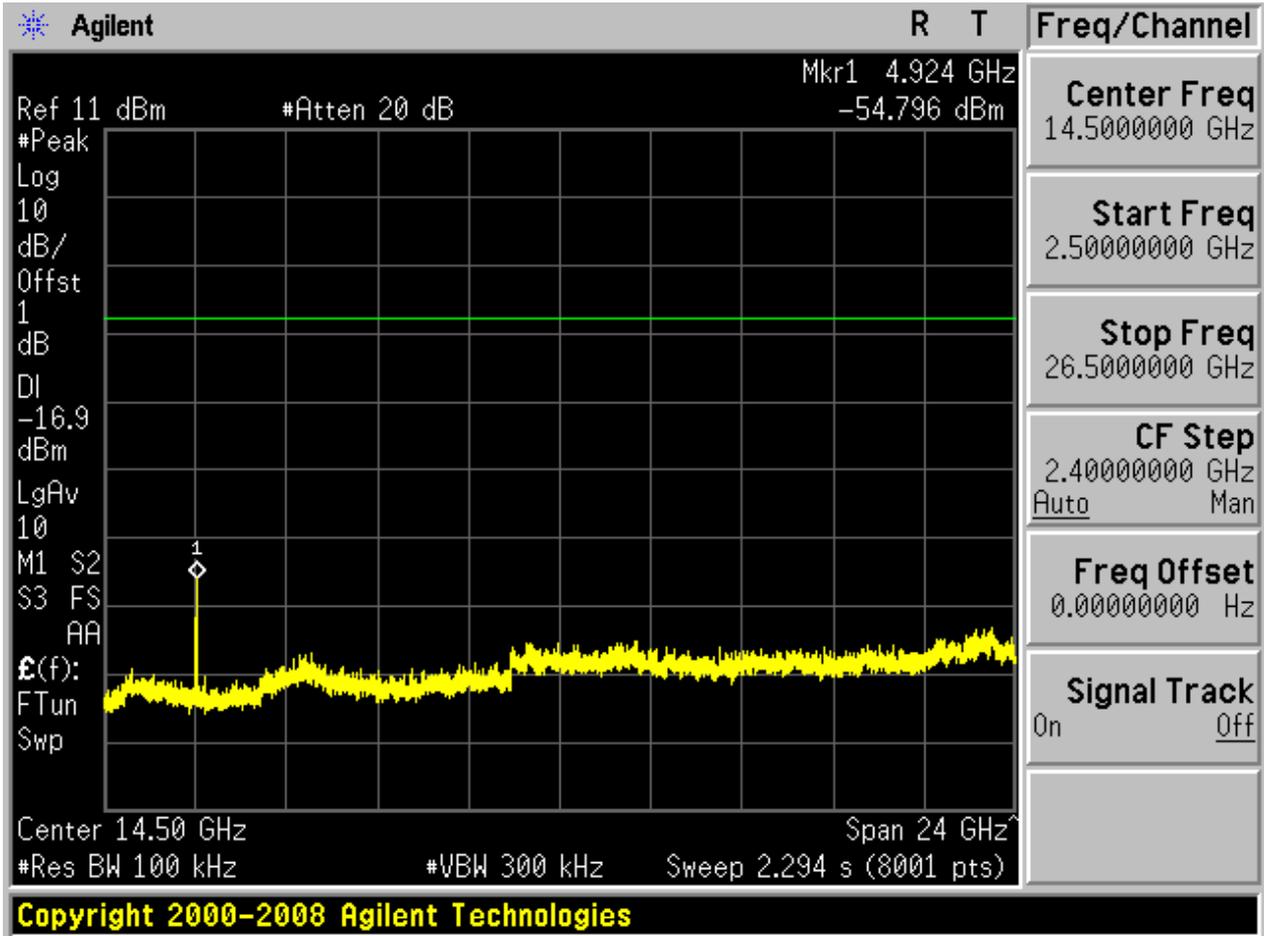






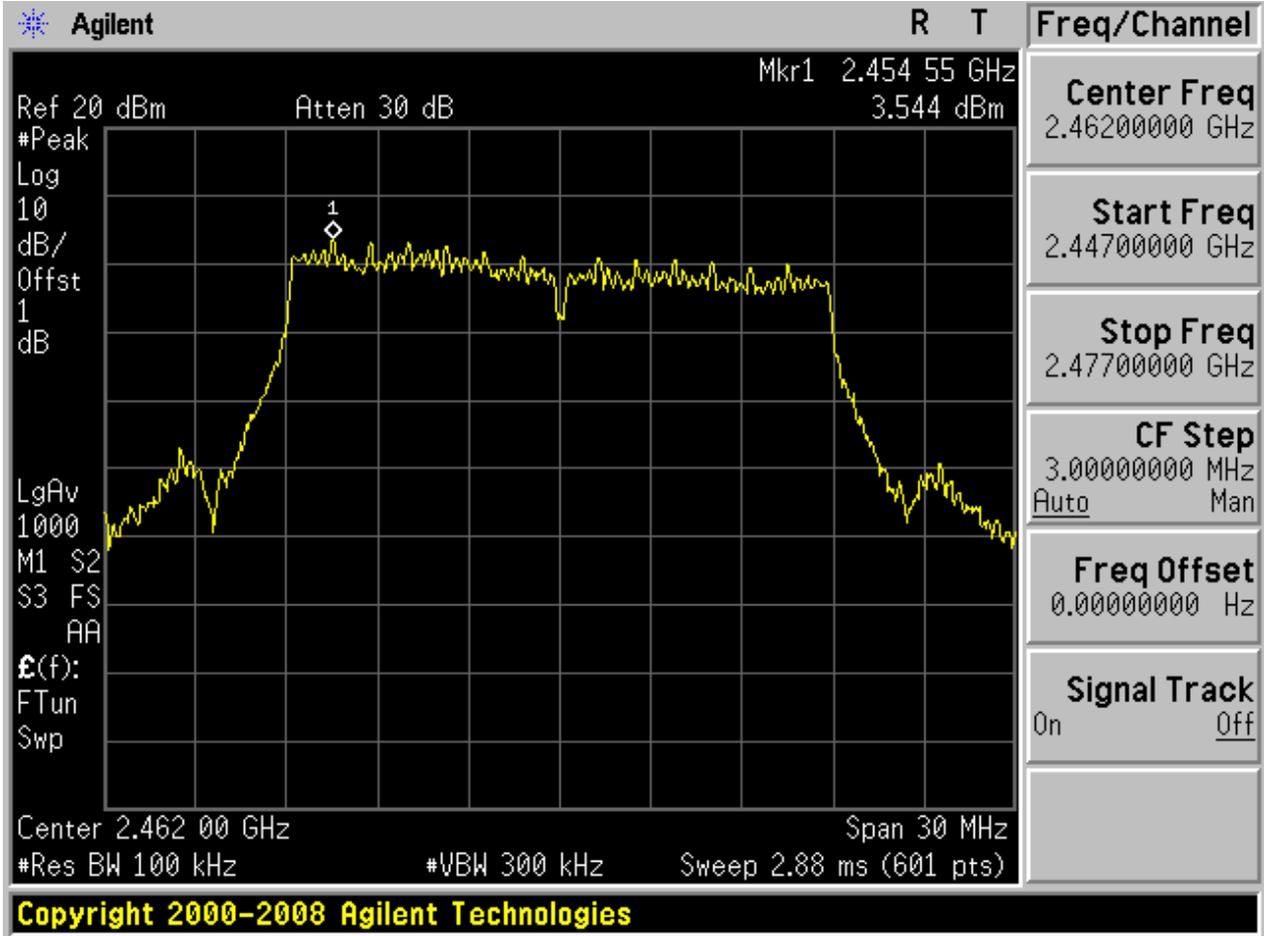






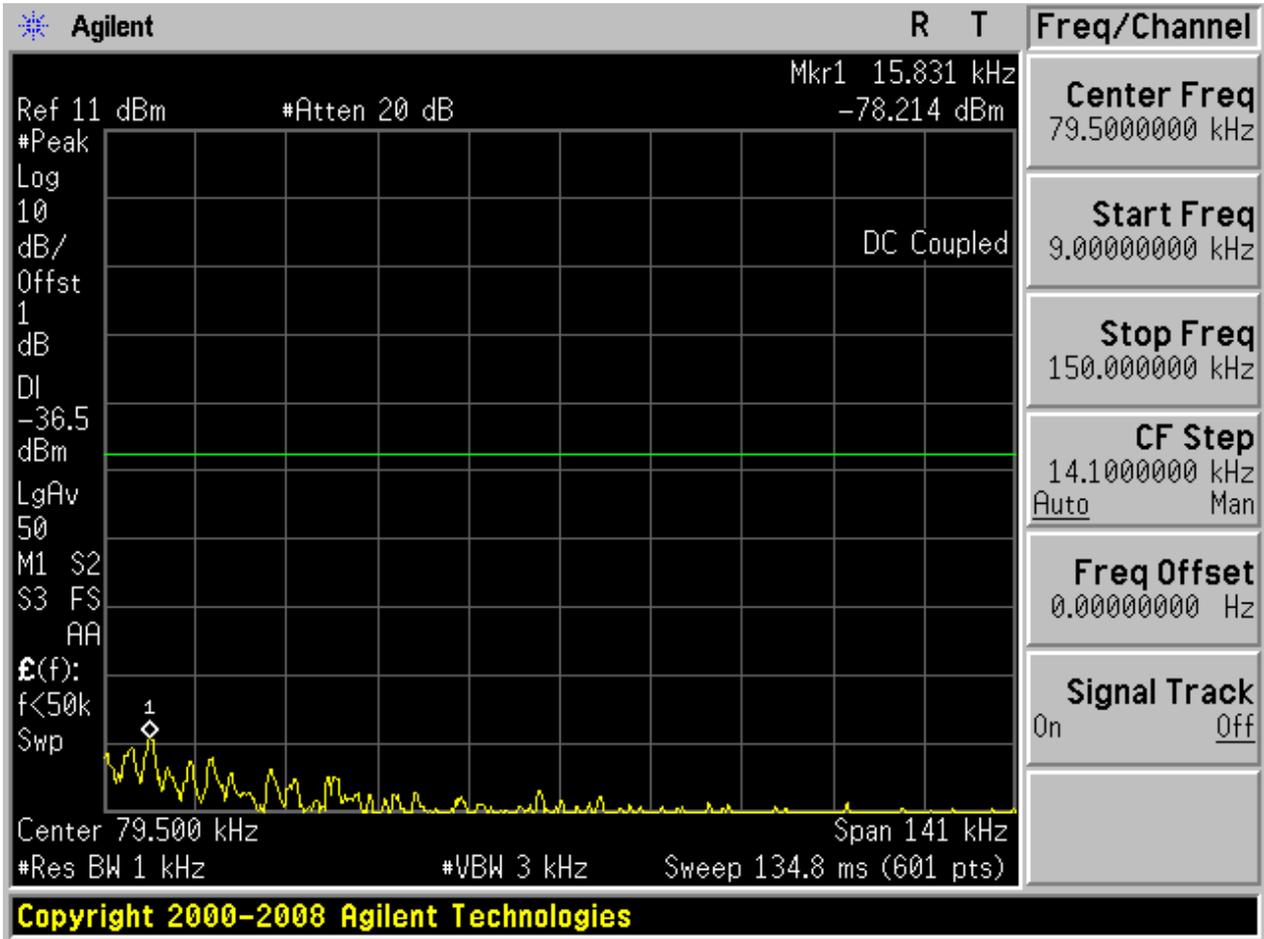
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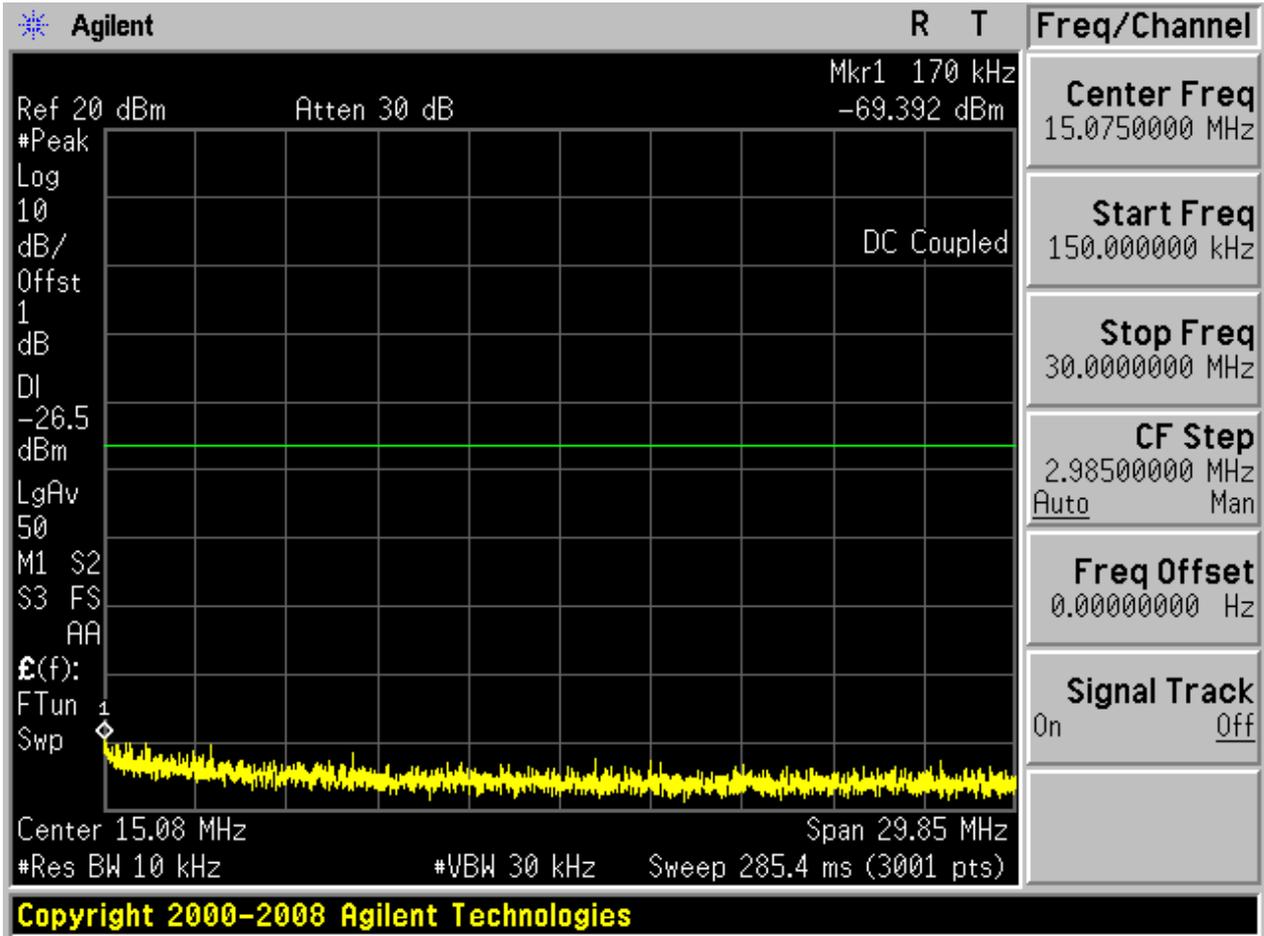
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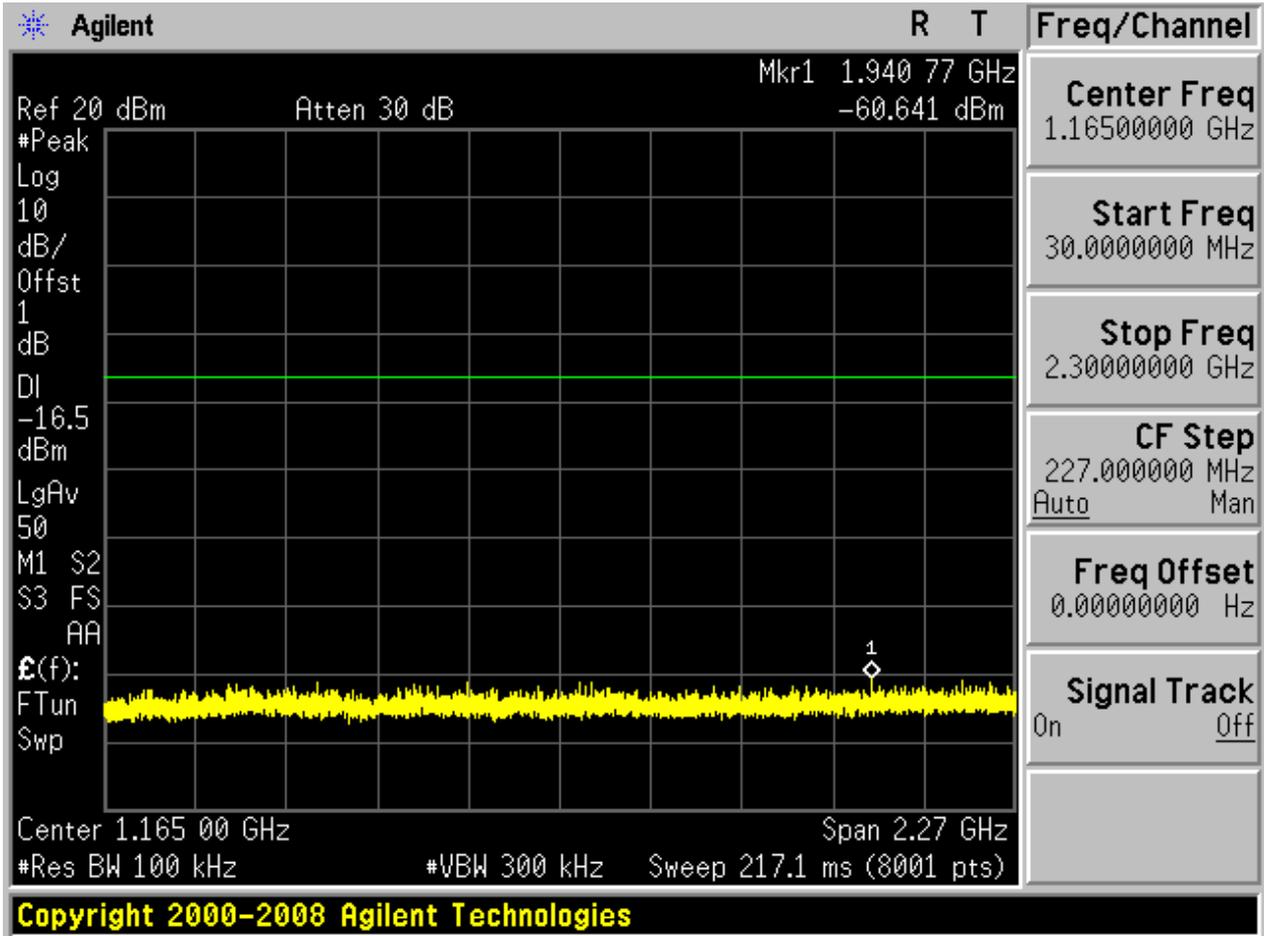


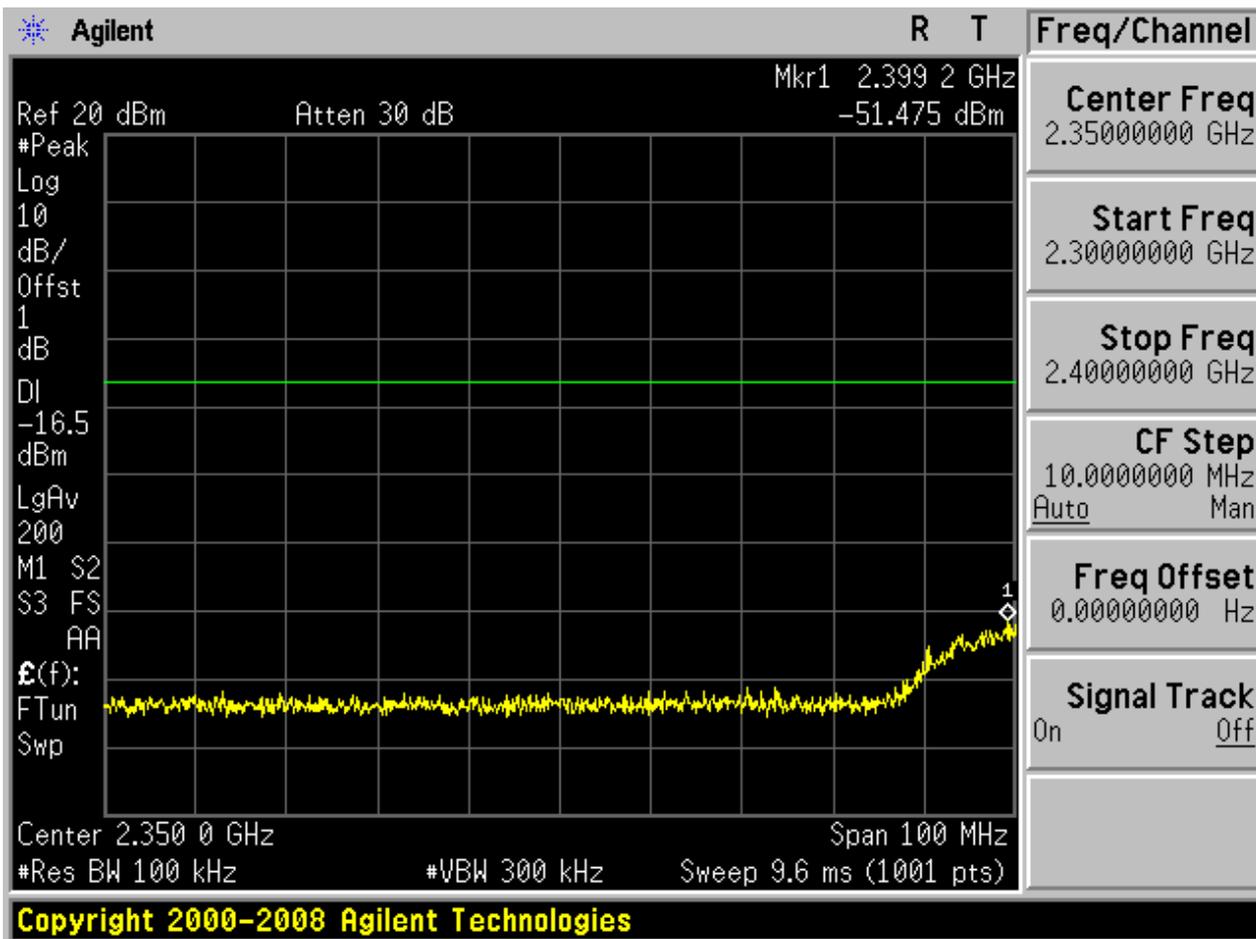


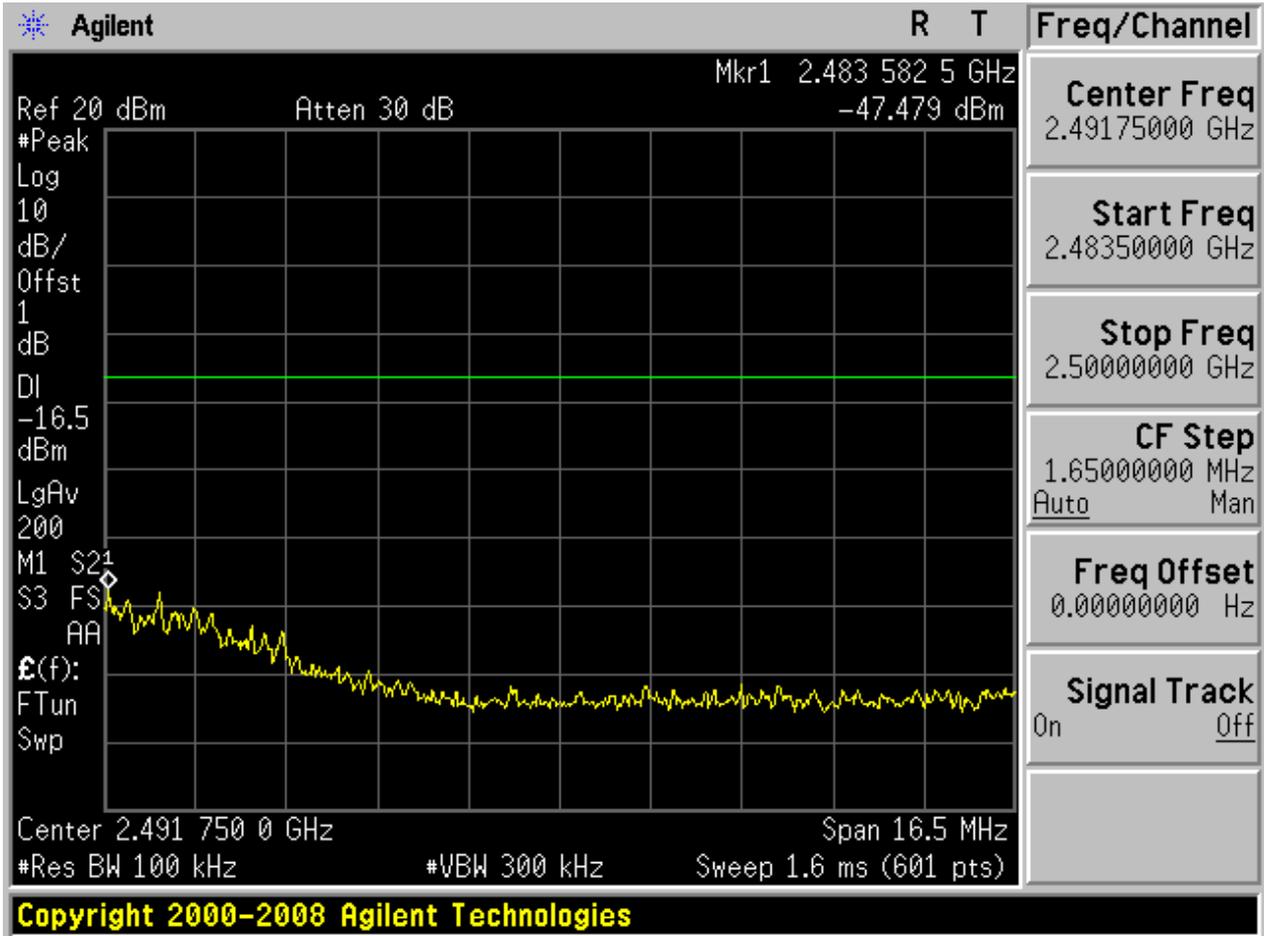
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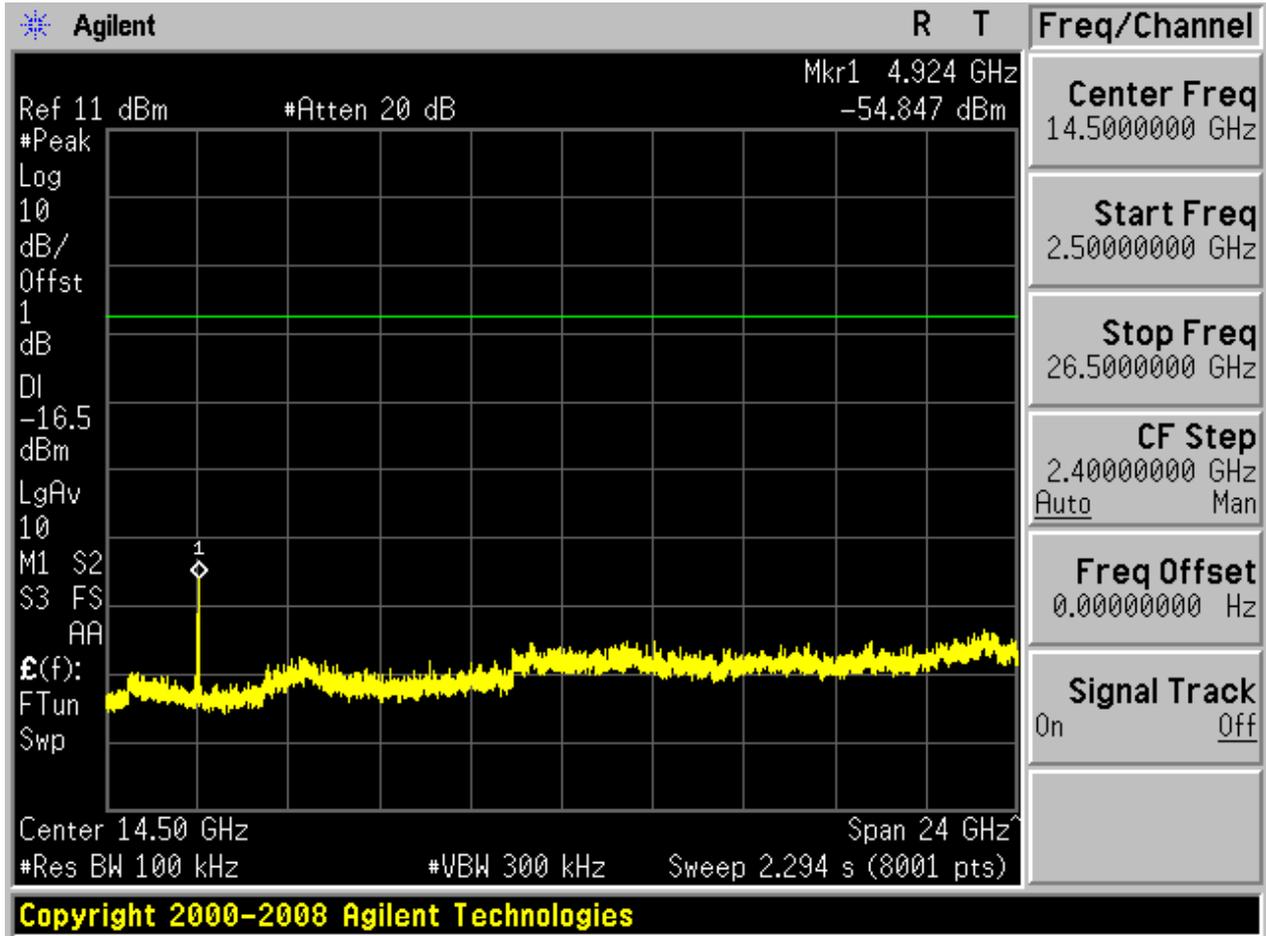






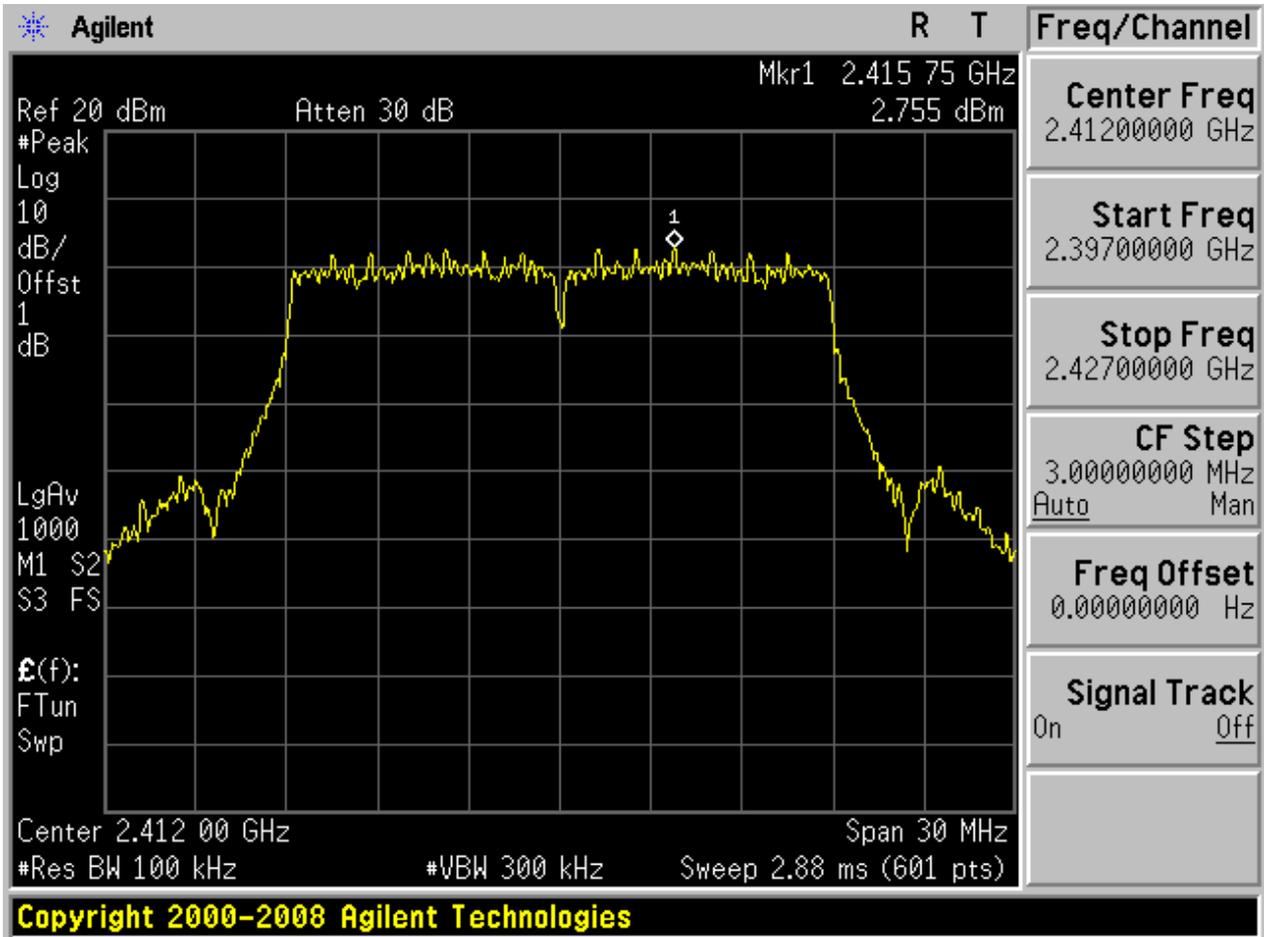






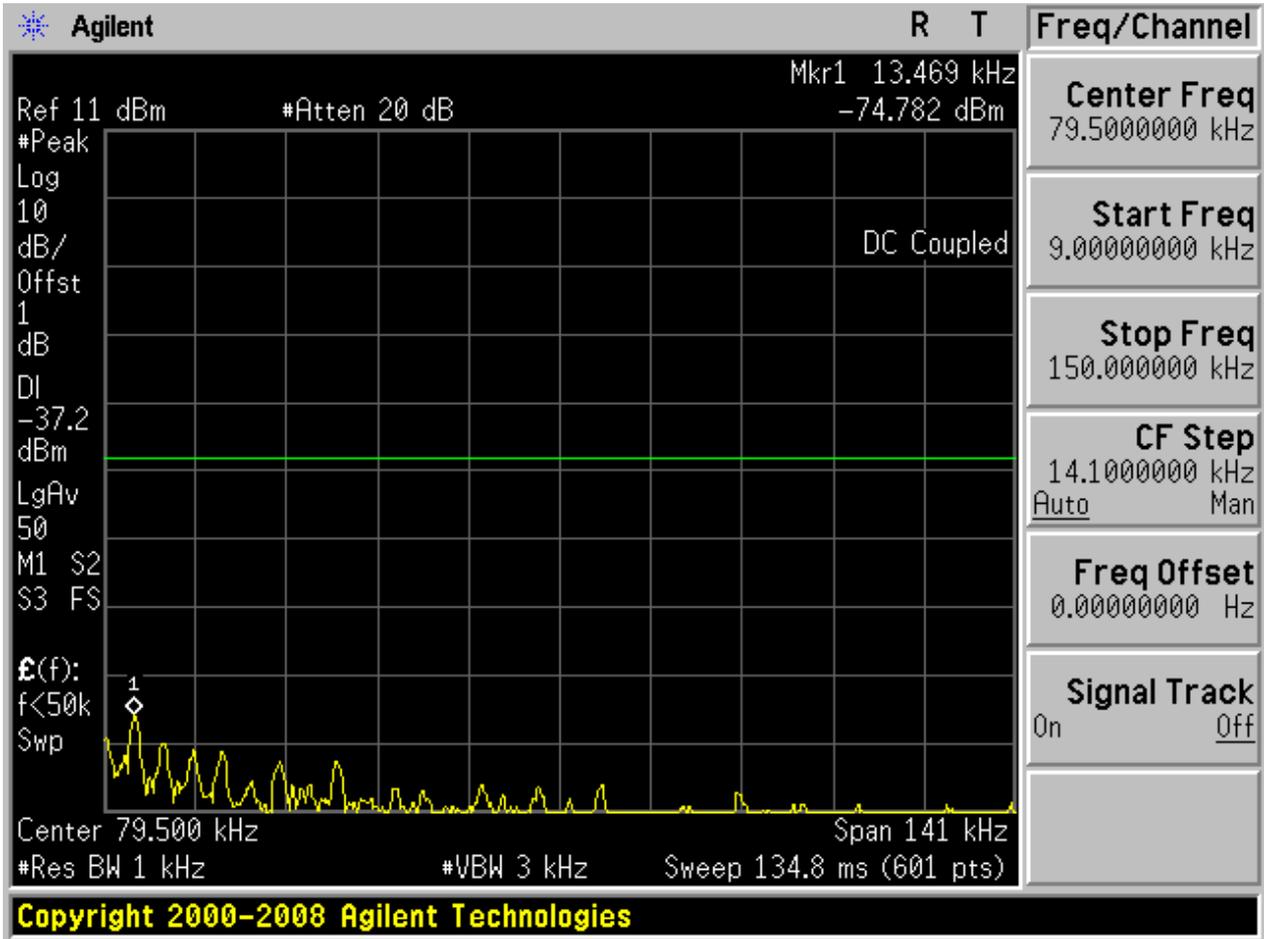
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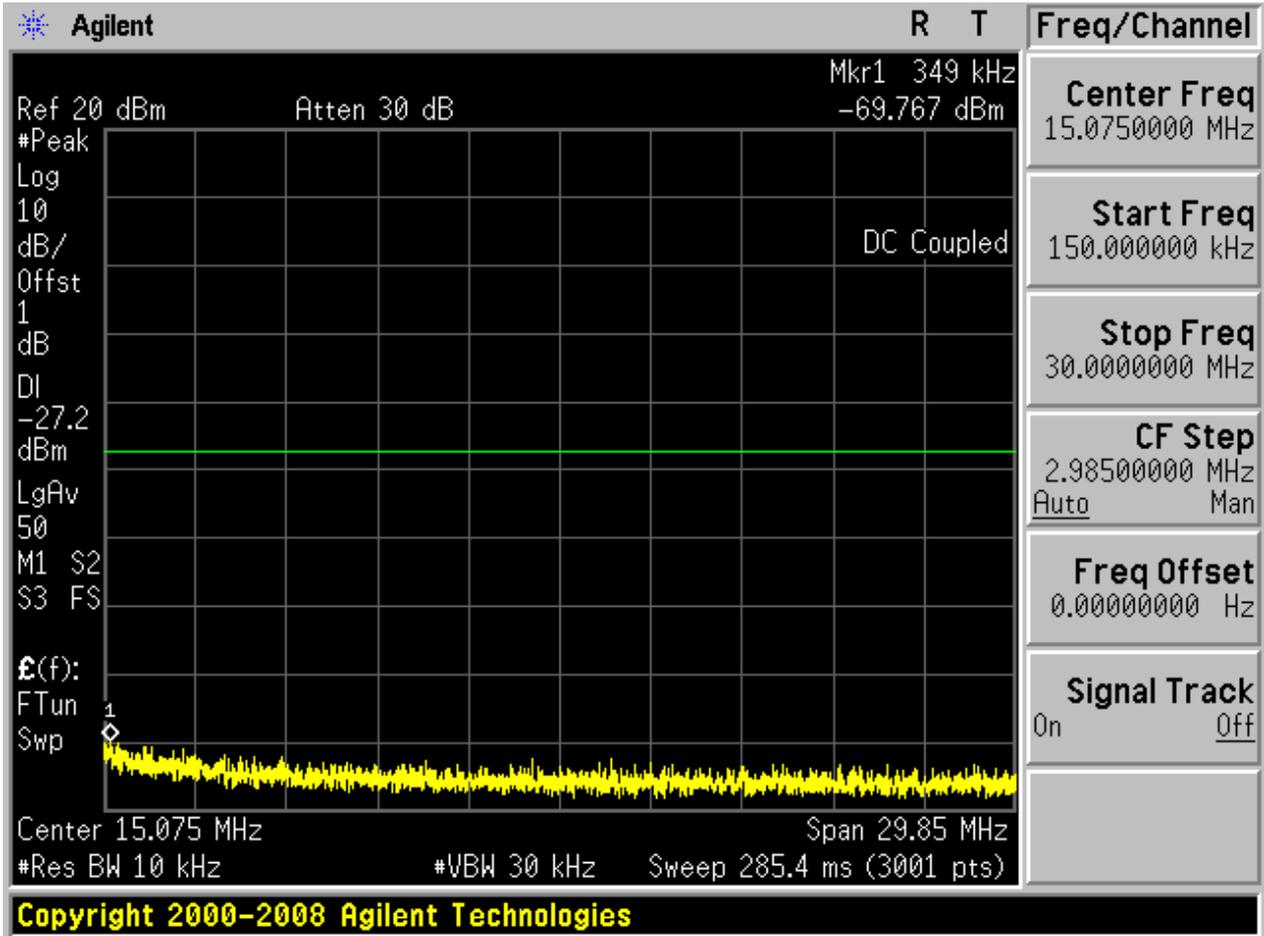
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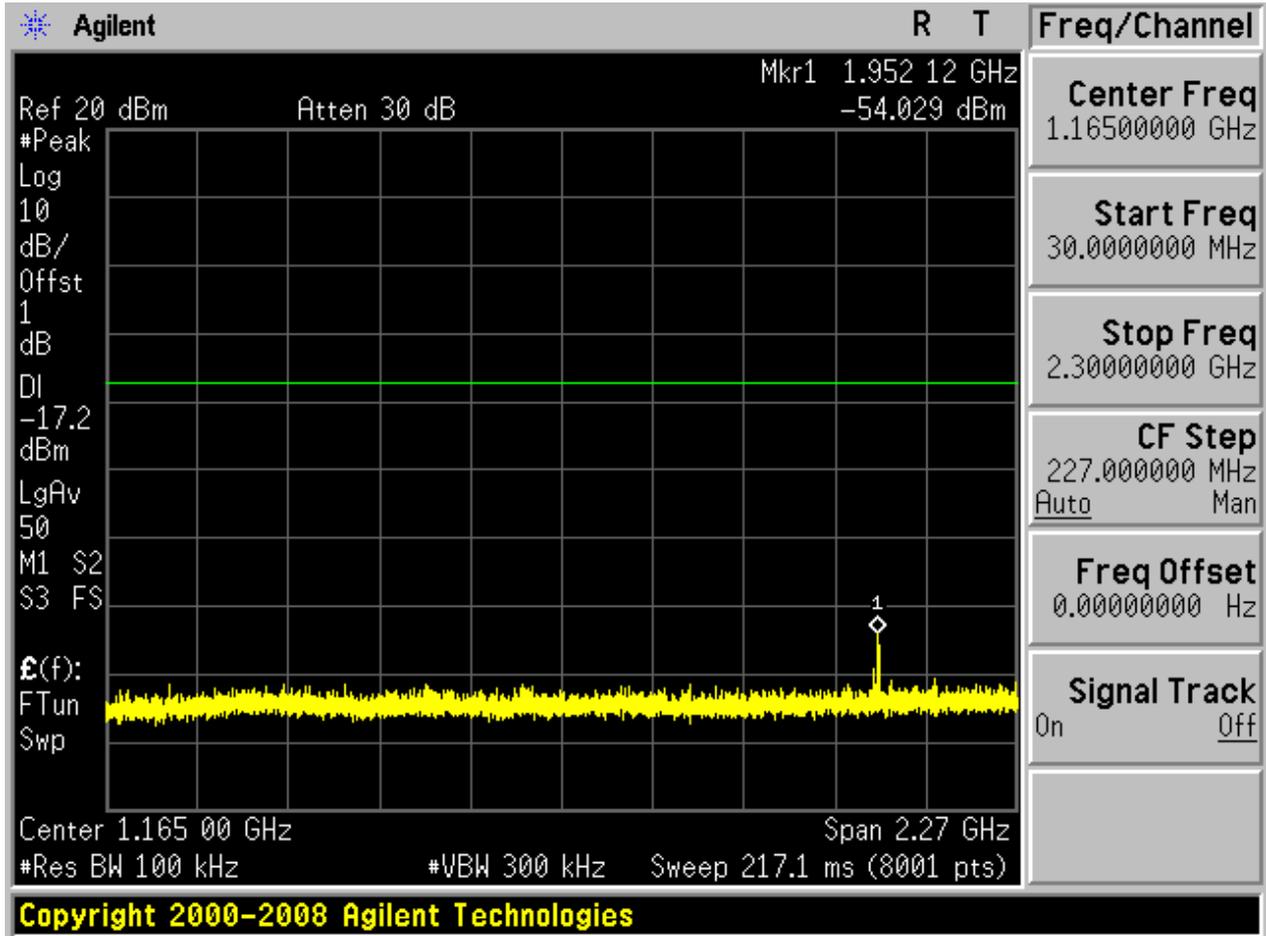


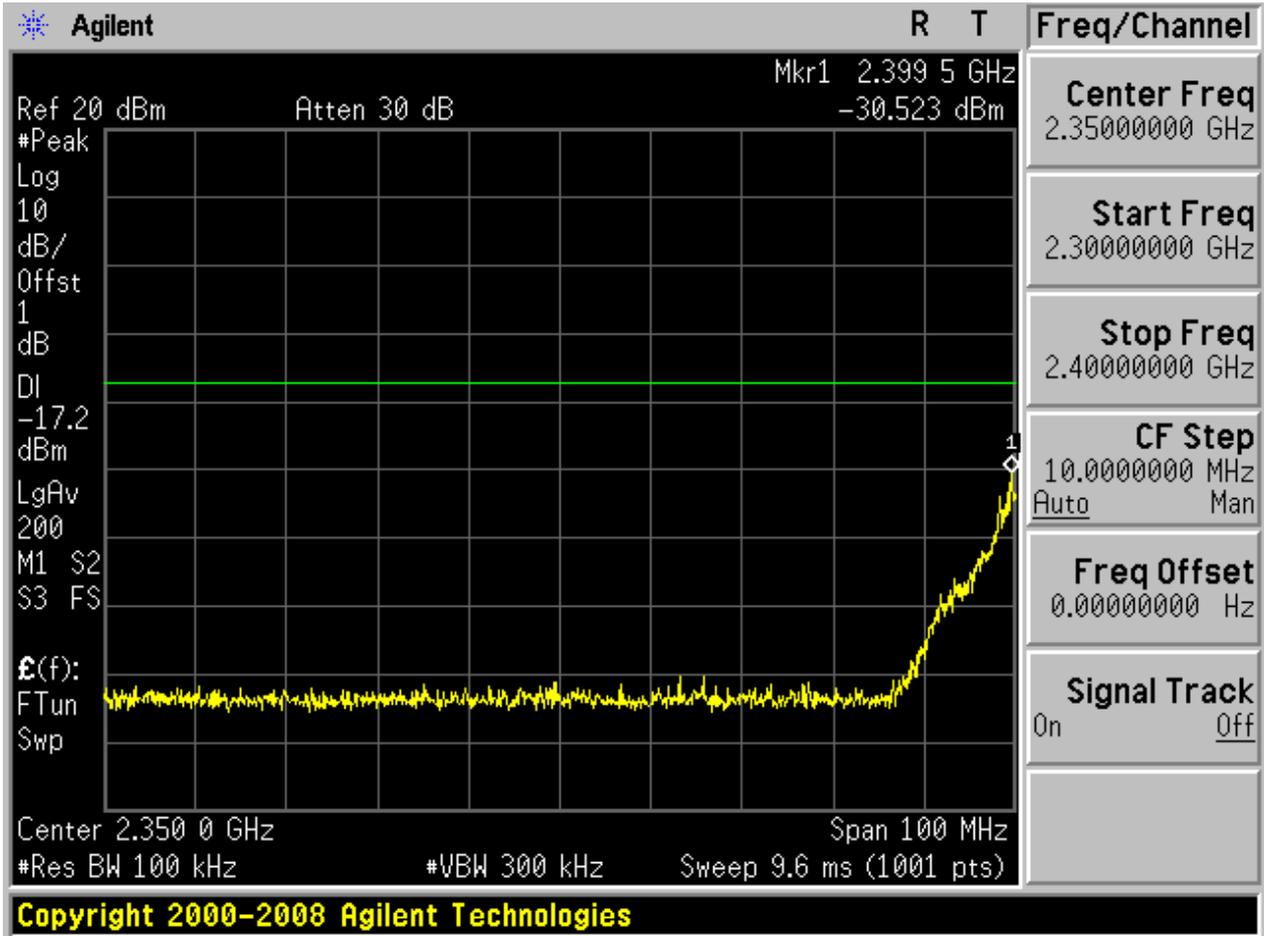


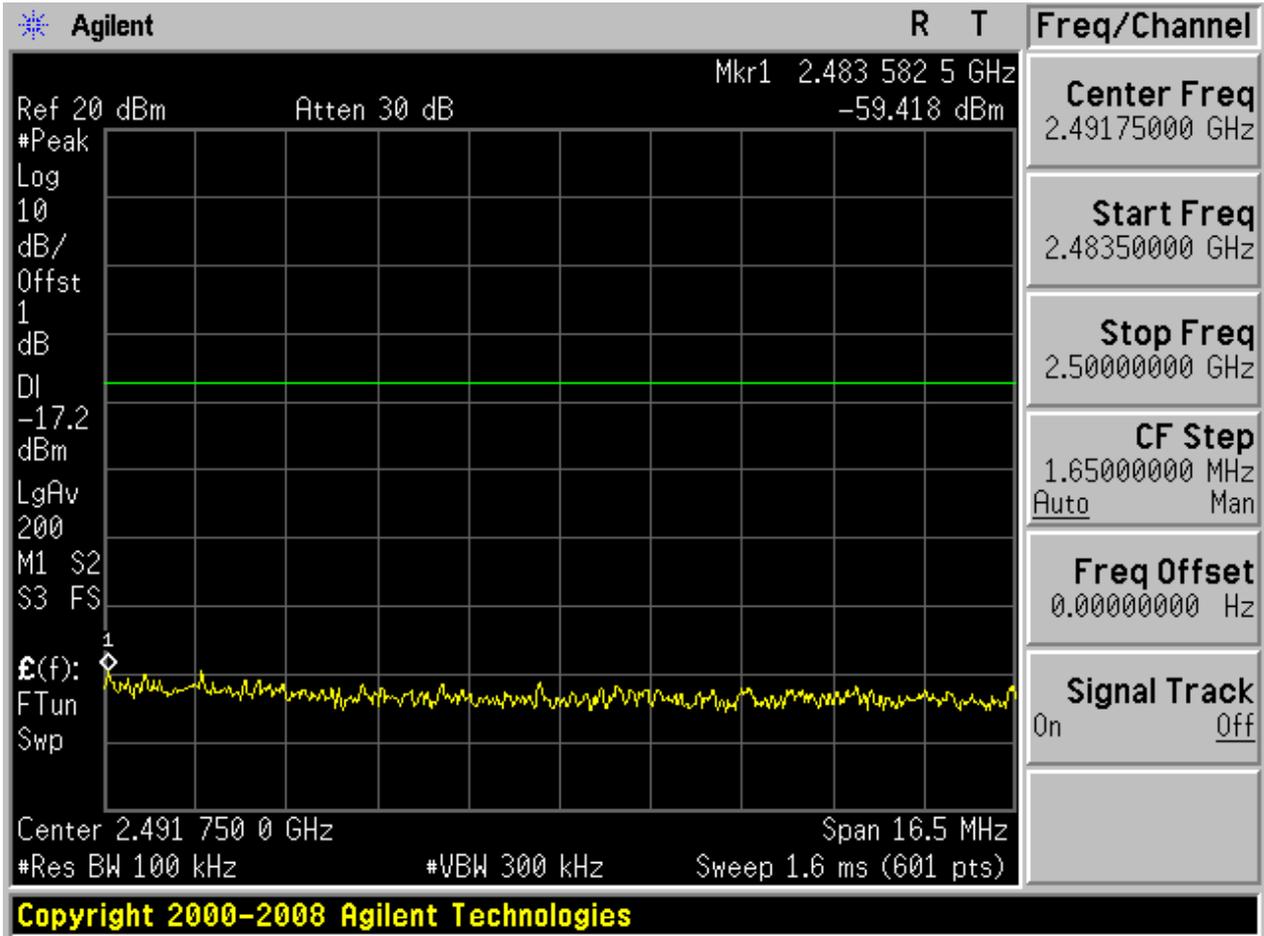
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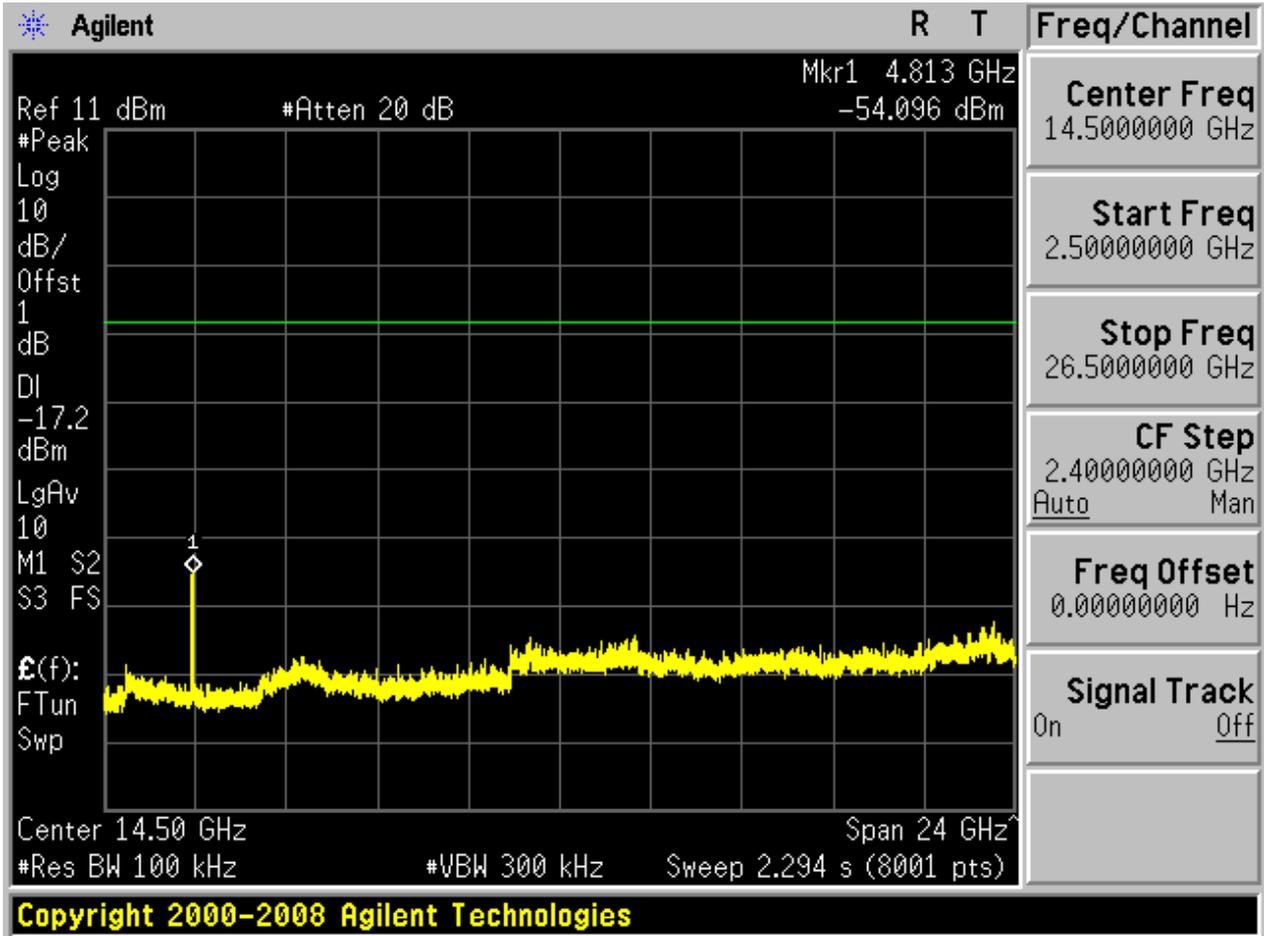






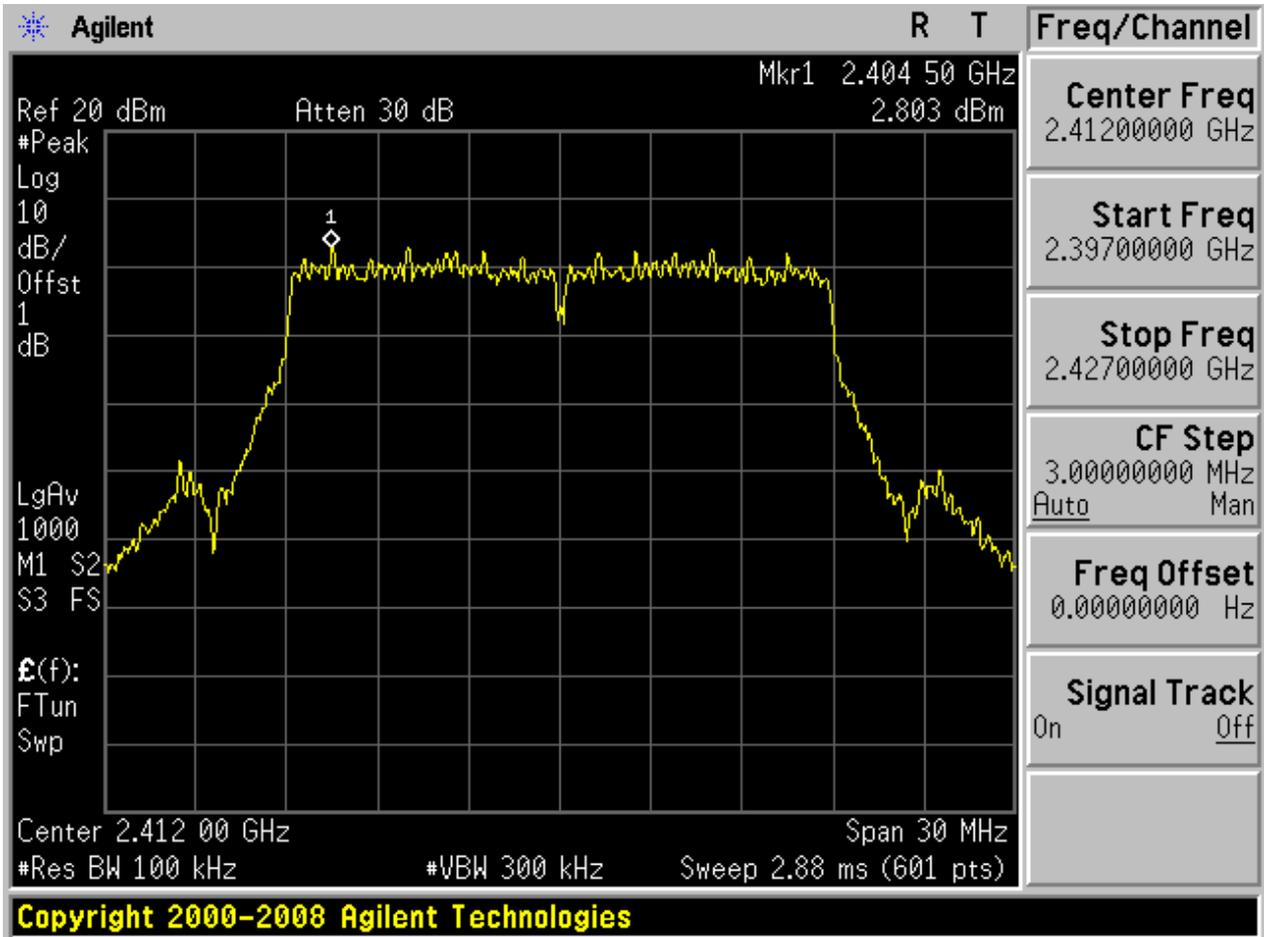




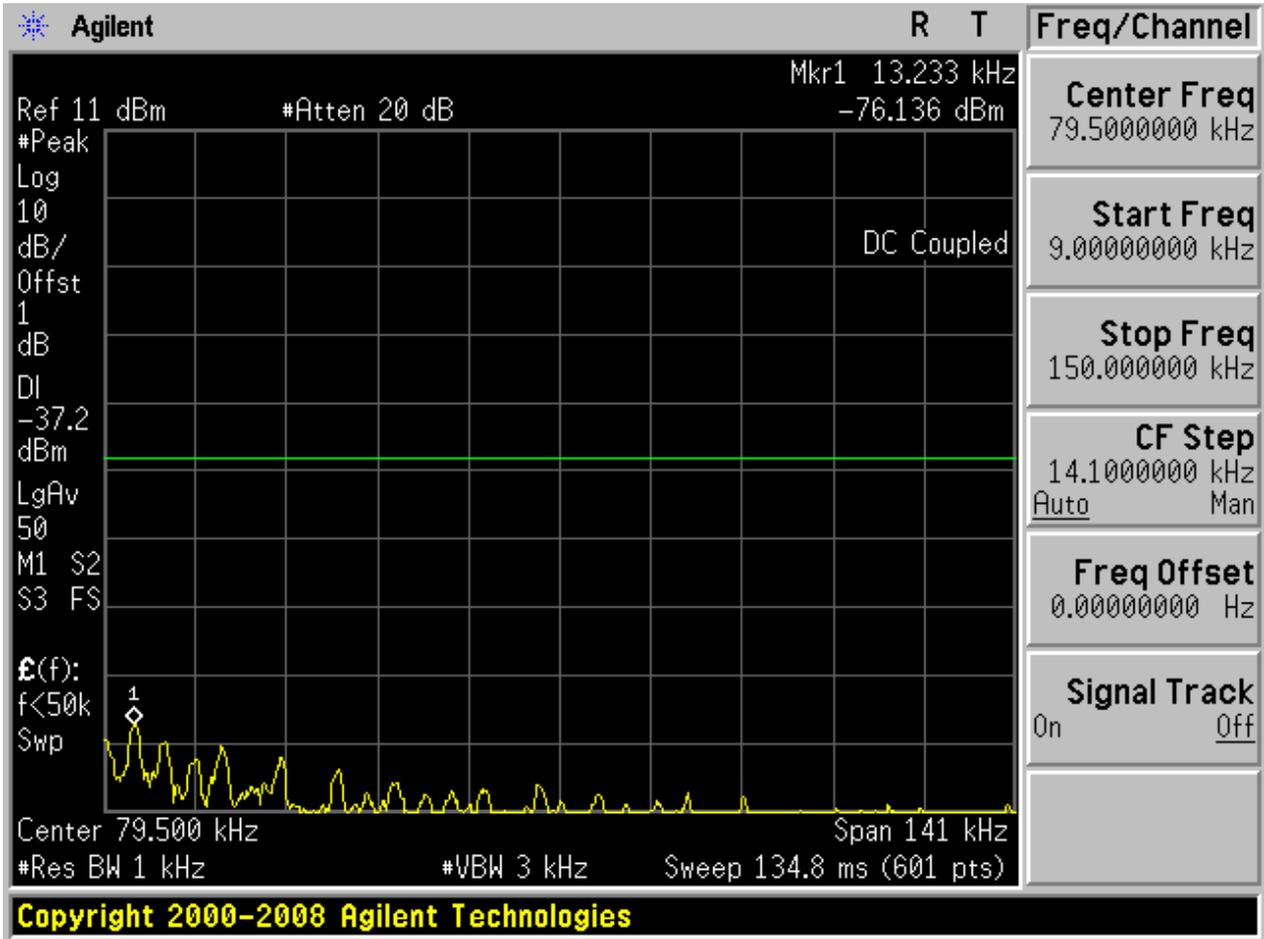


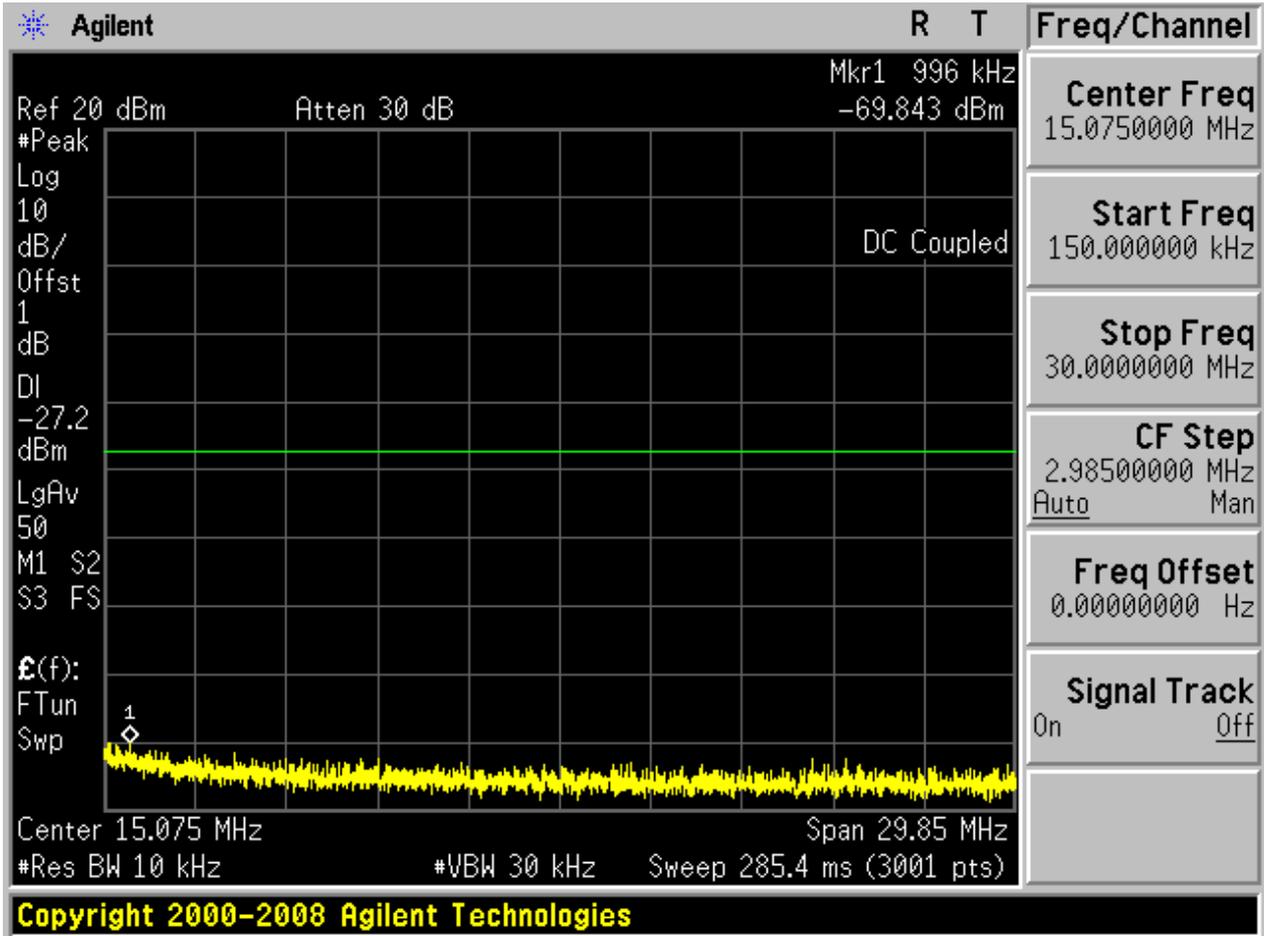
## 2.20 11N20m\_L@Ant 2

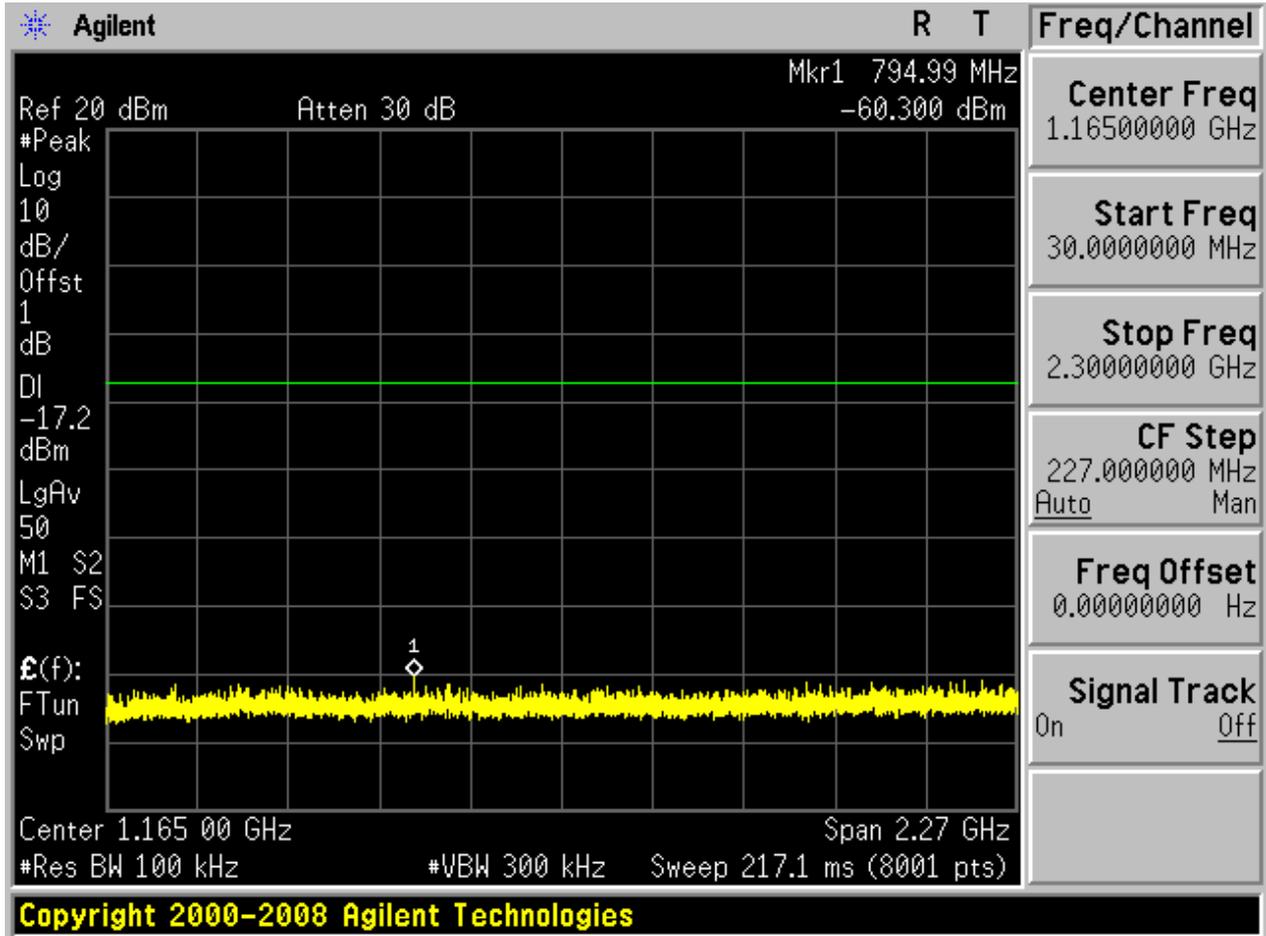
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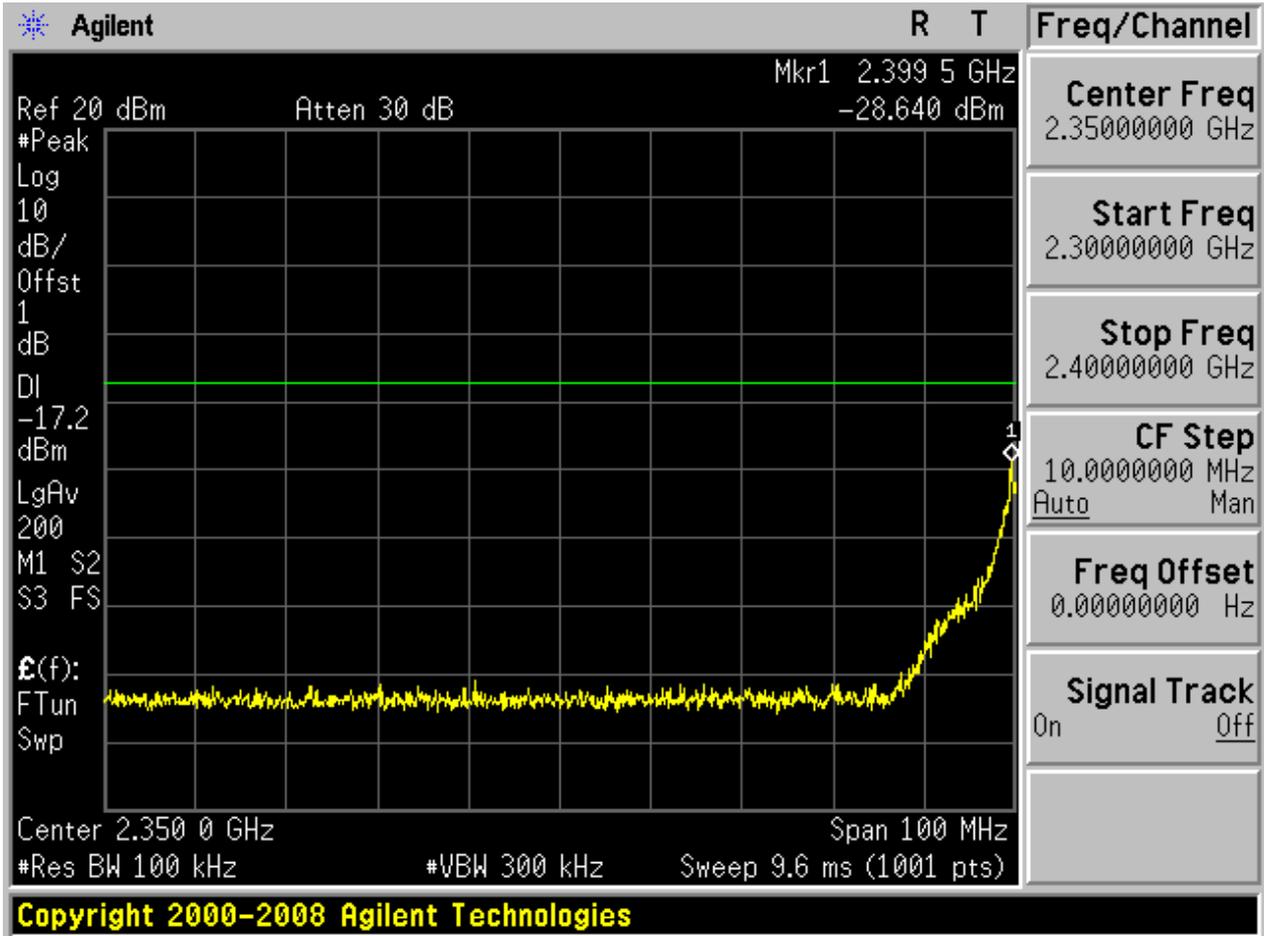


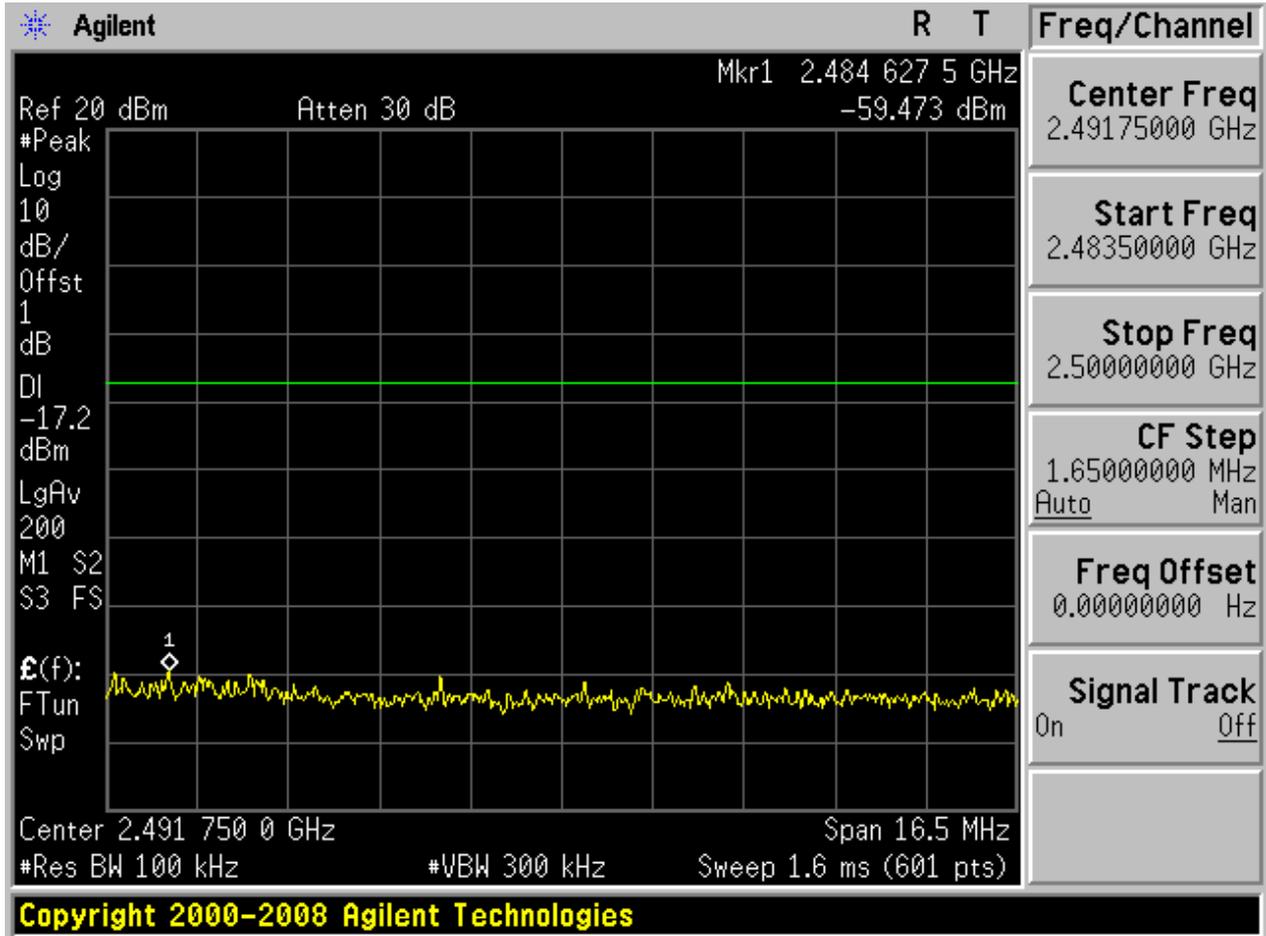
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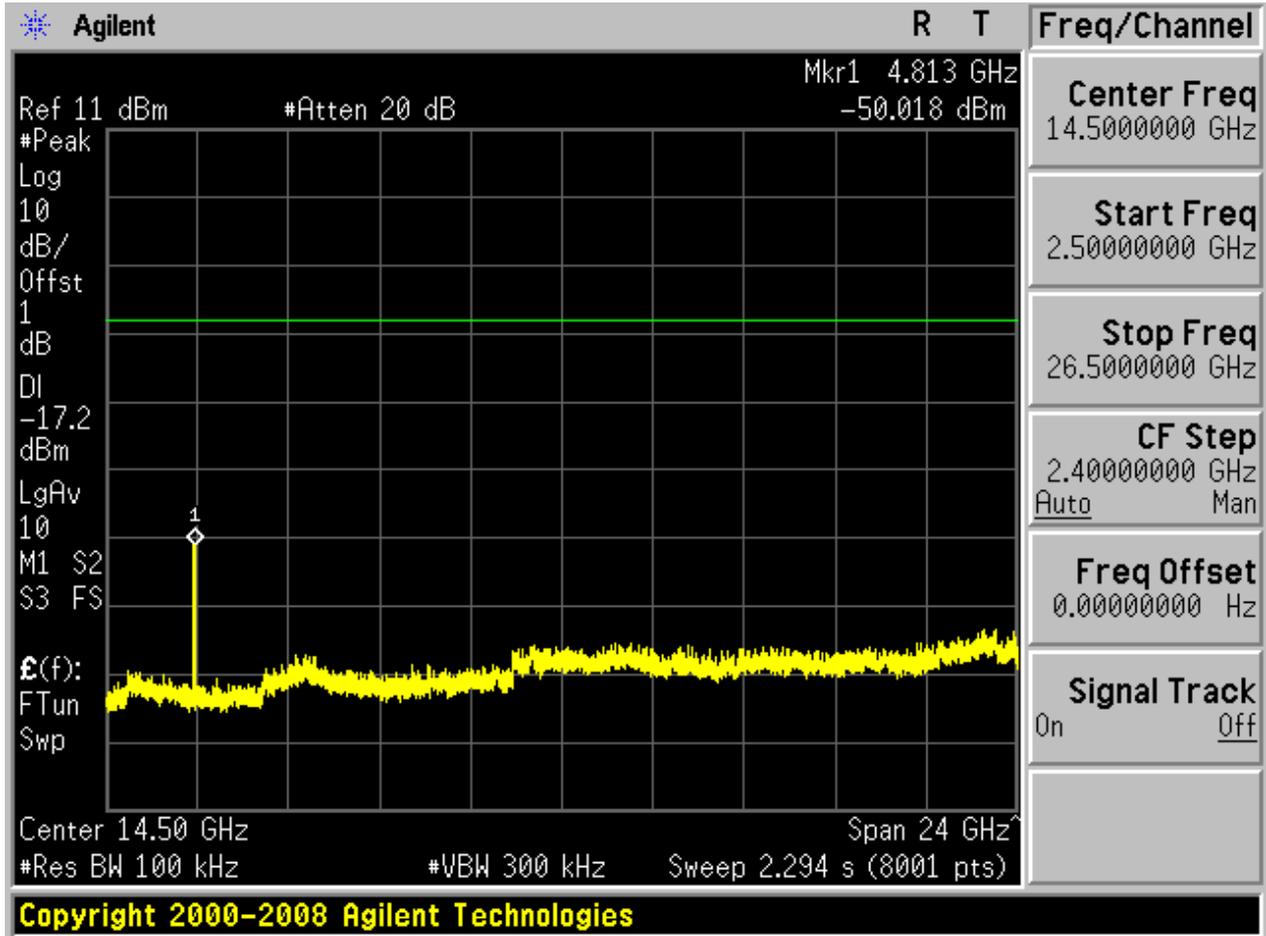






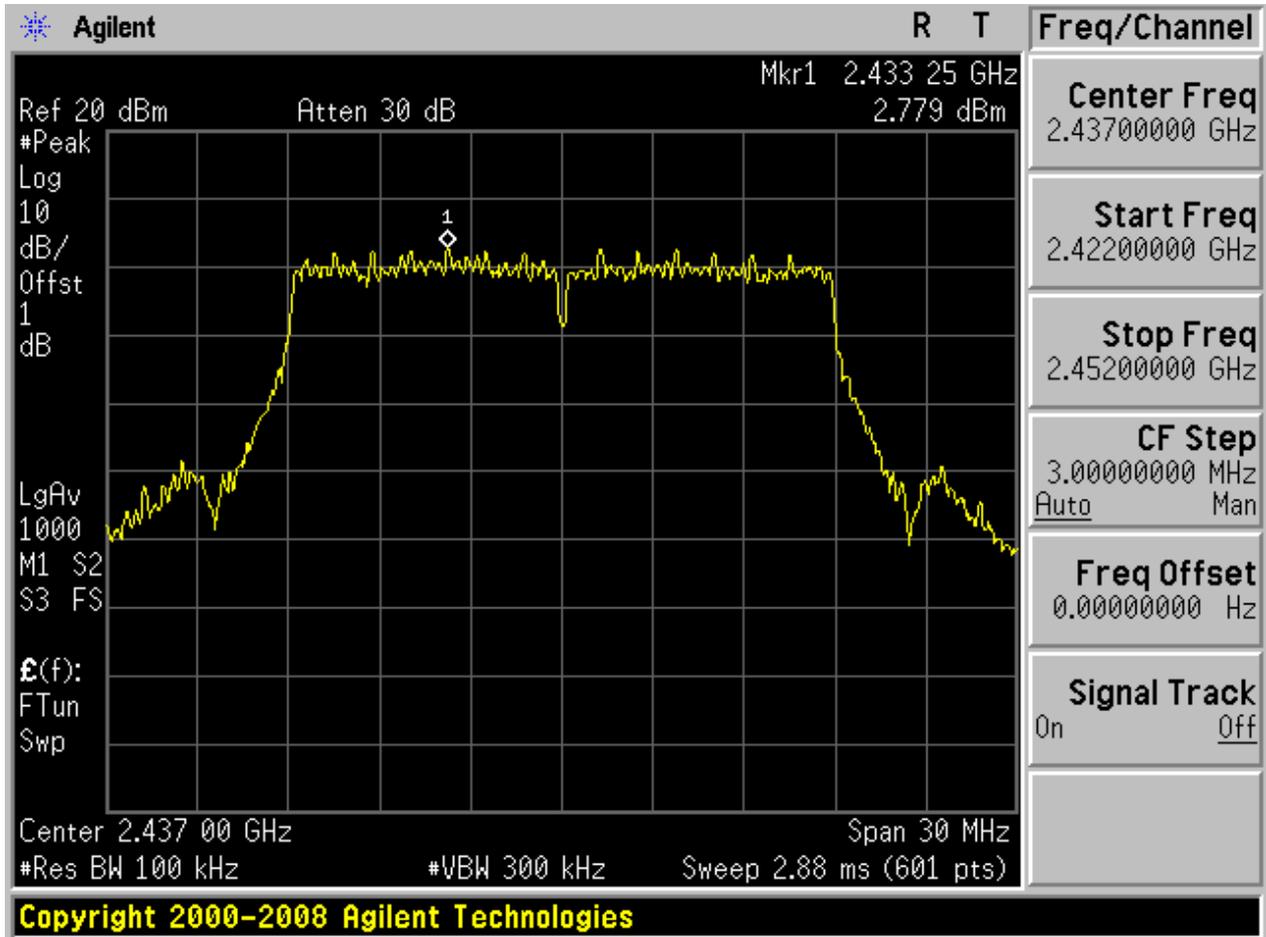




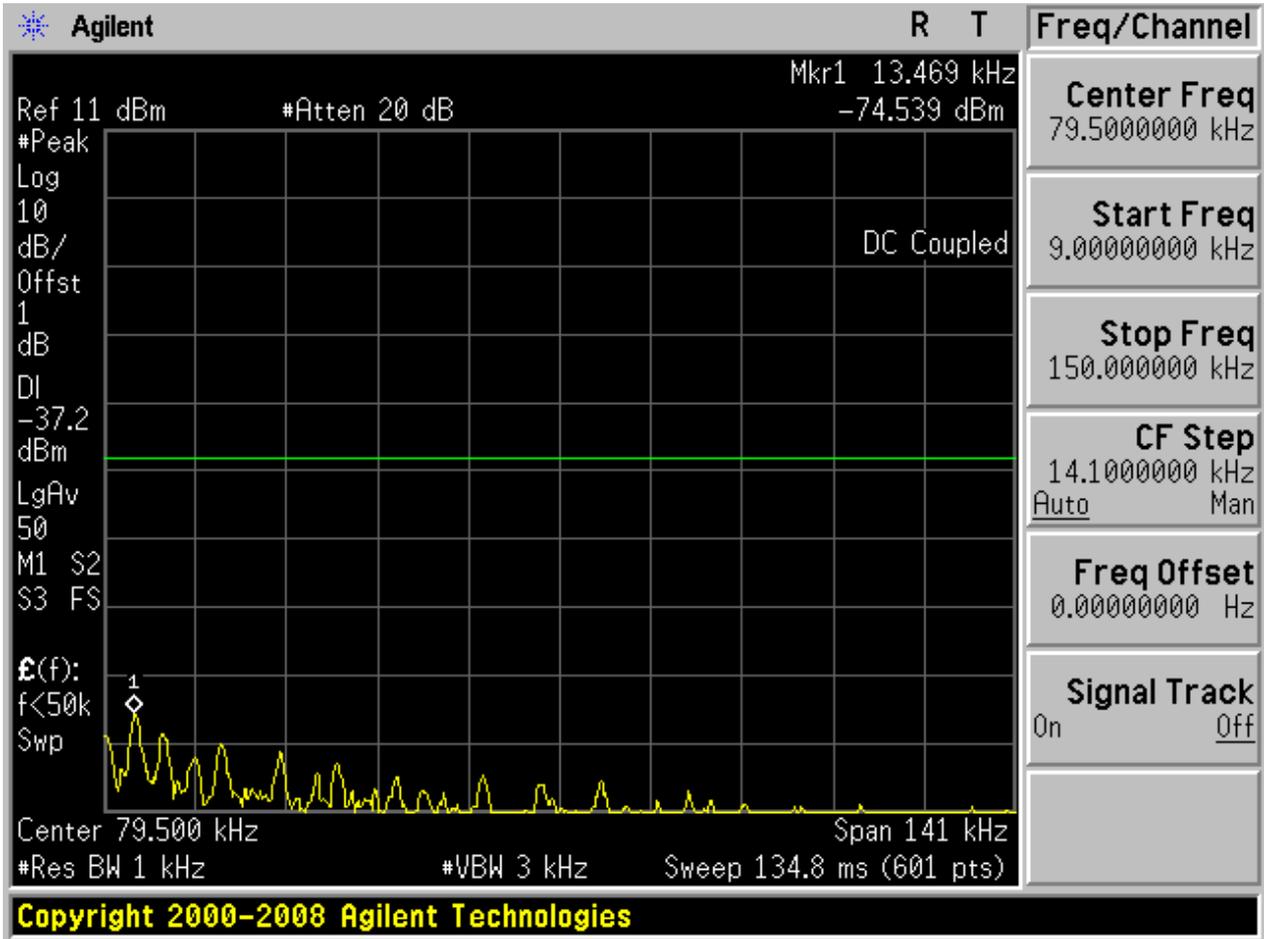


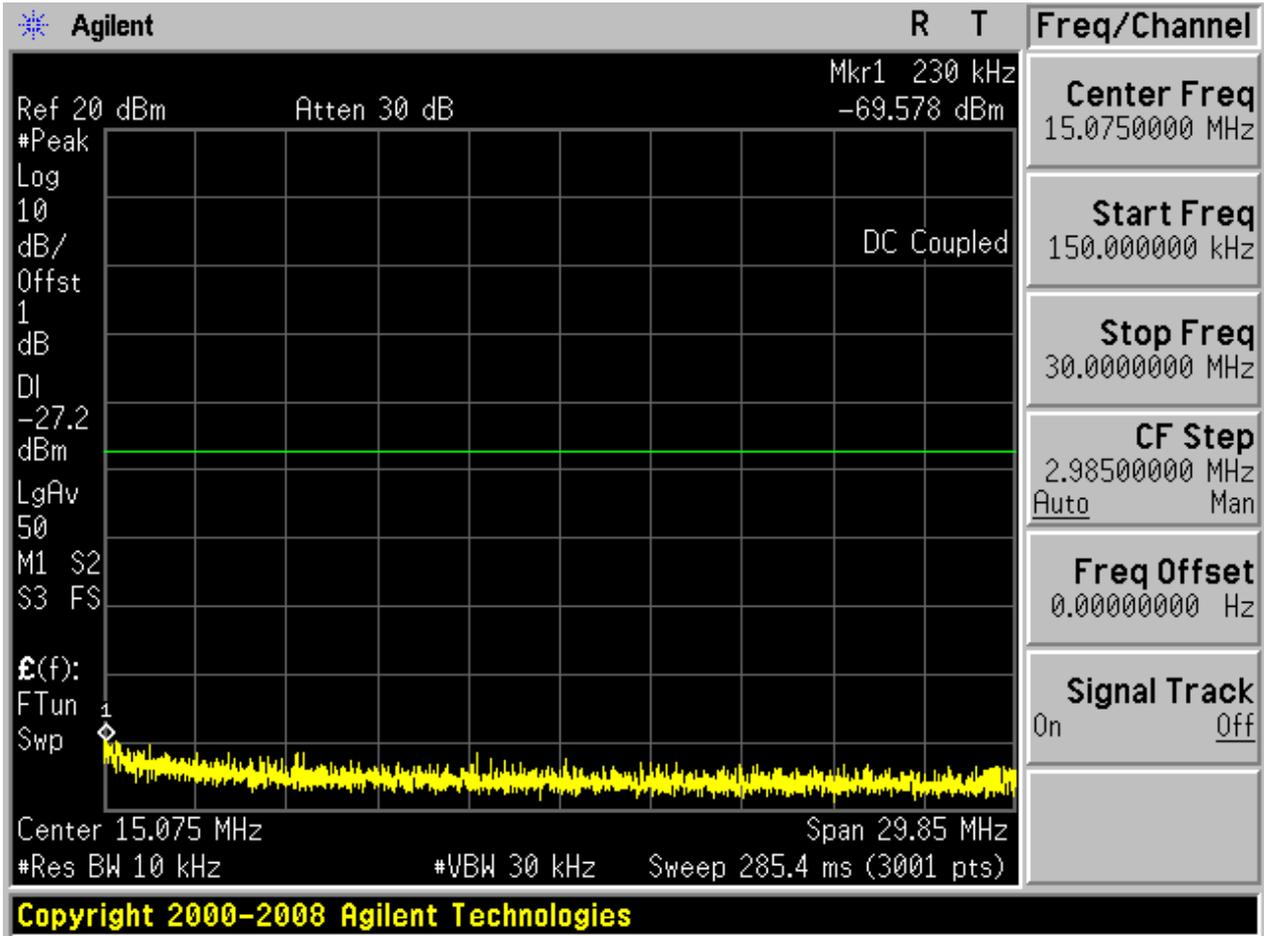
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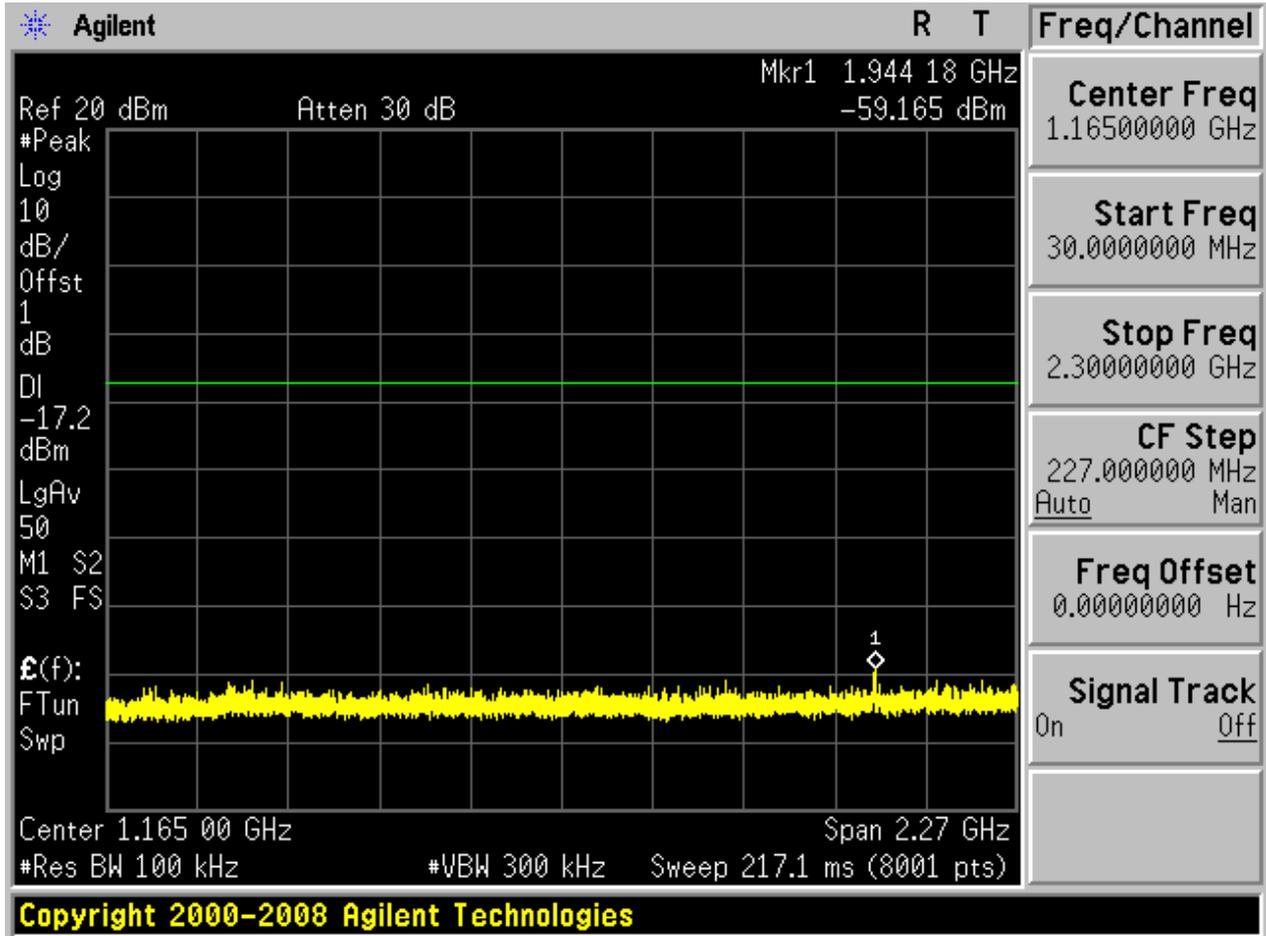
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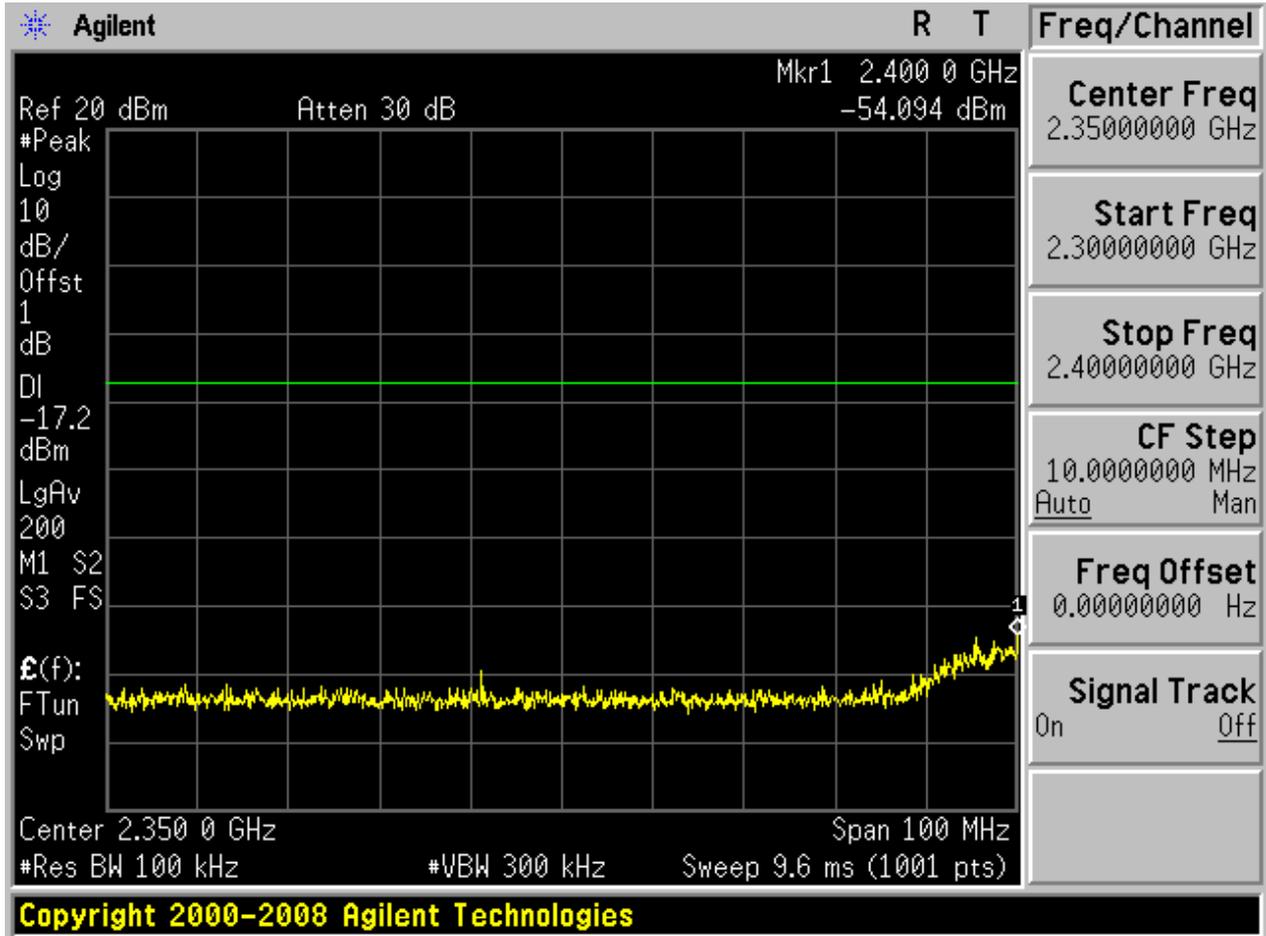


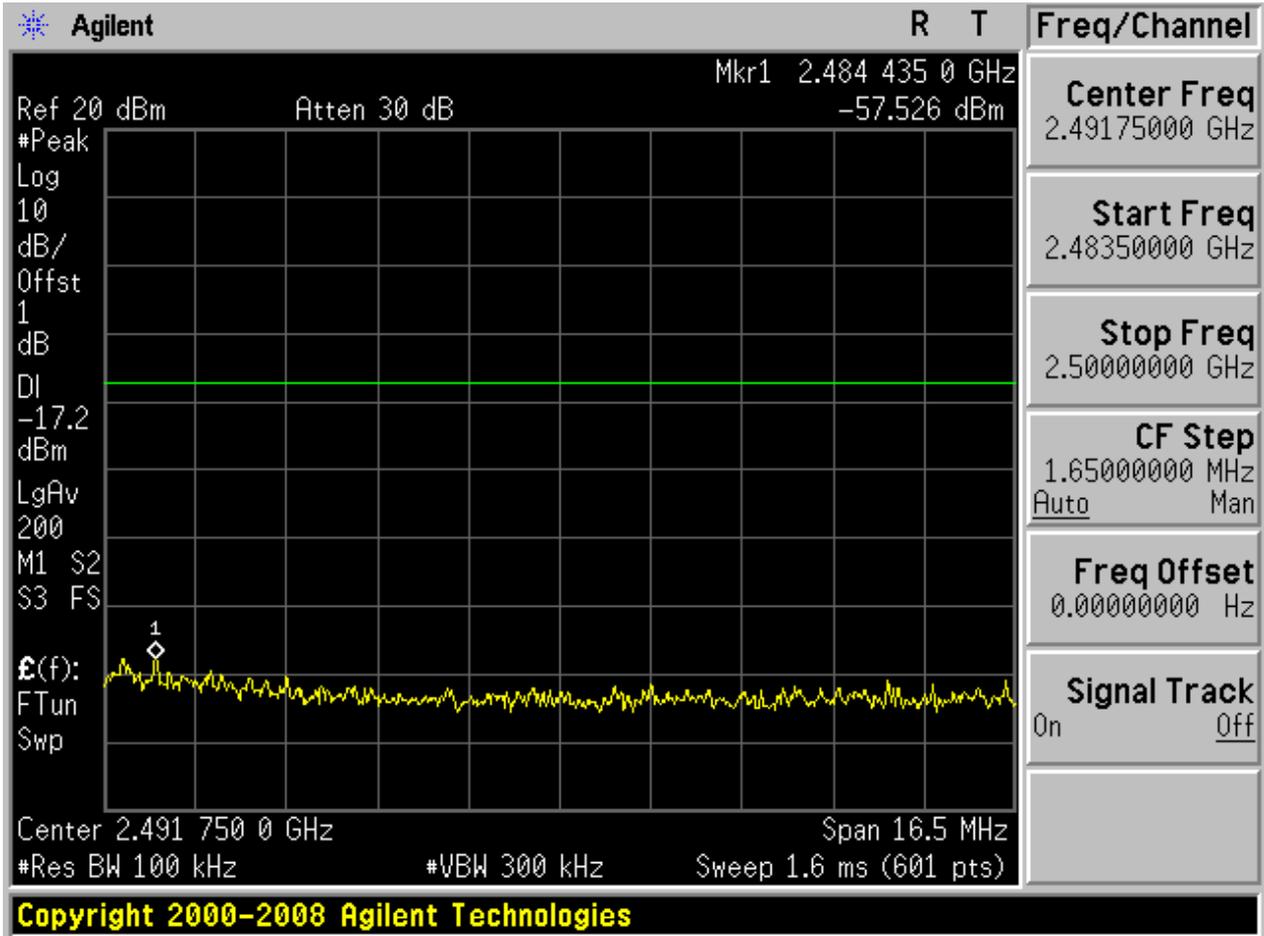
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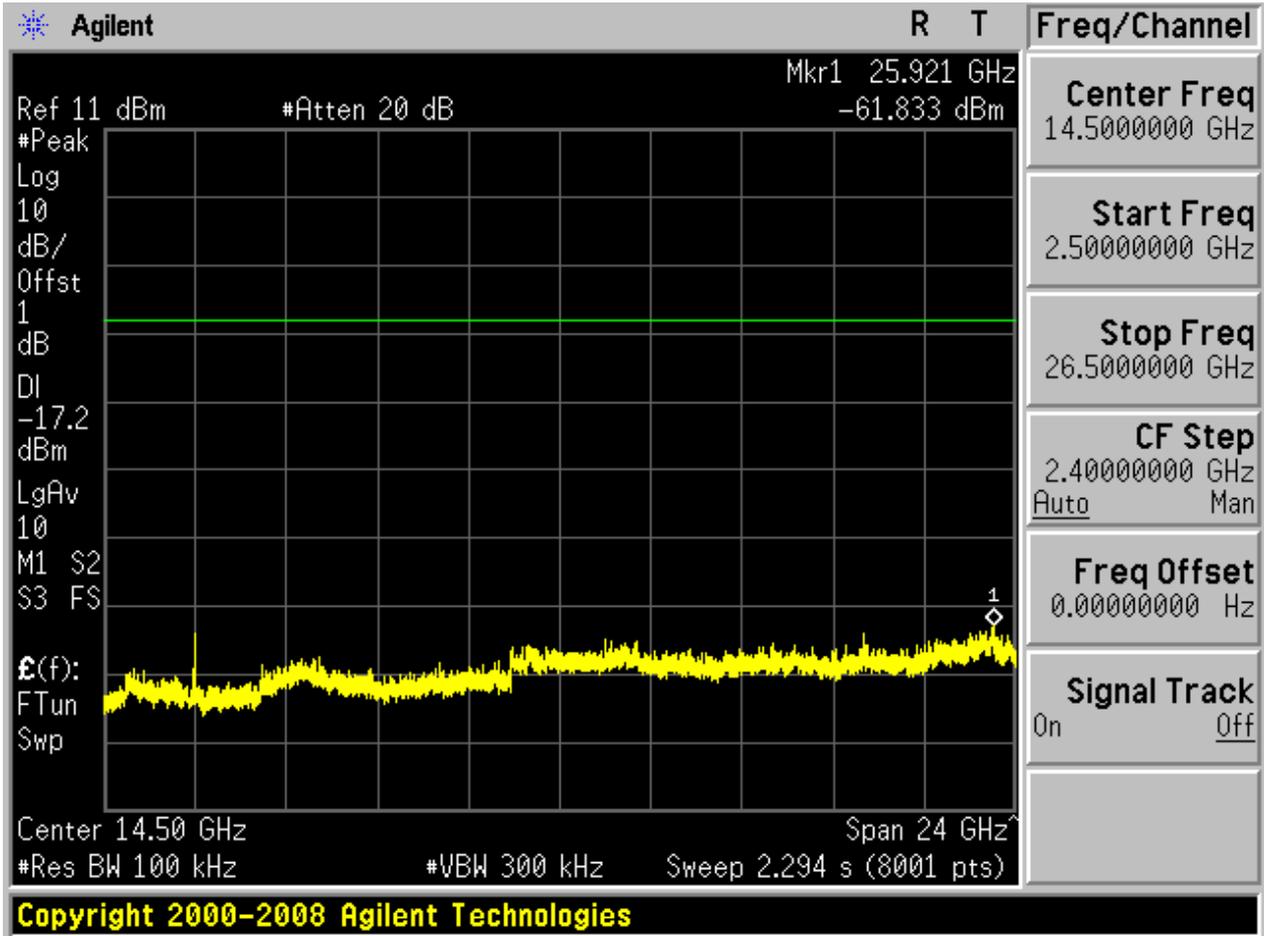






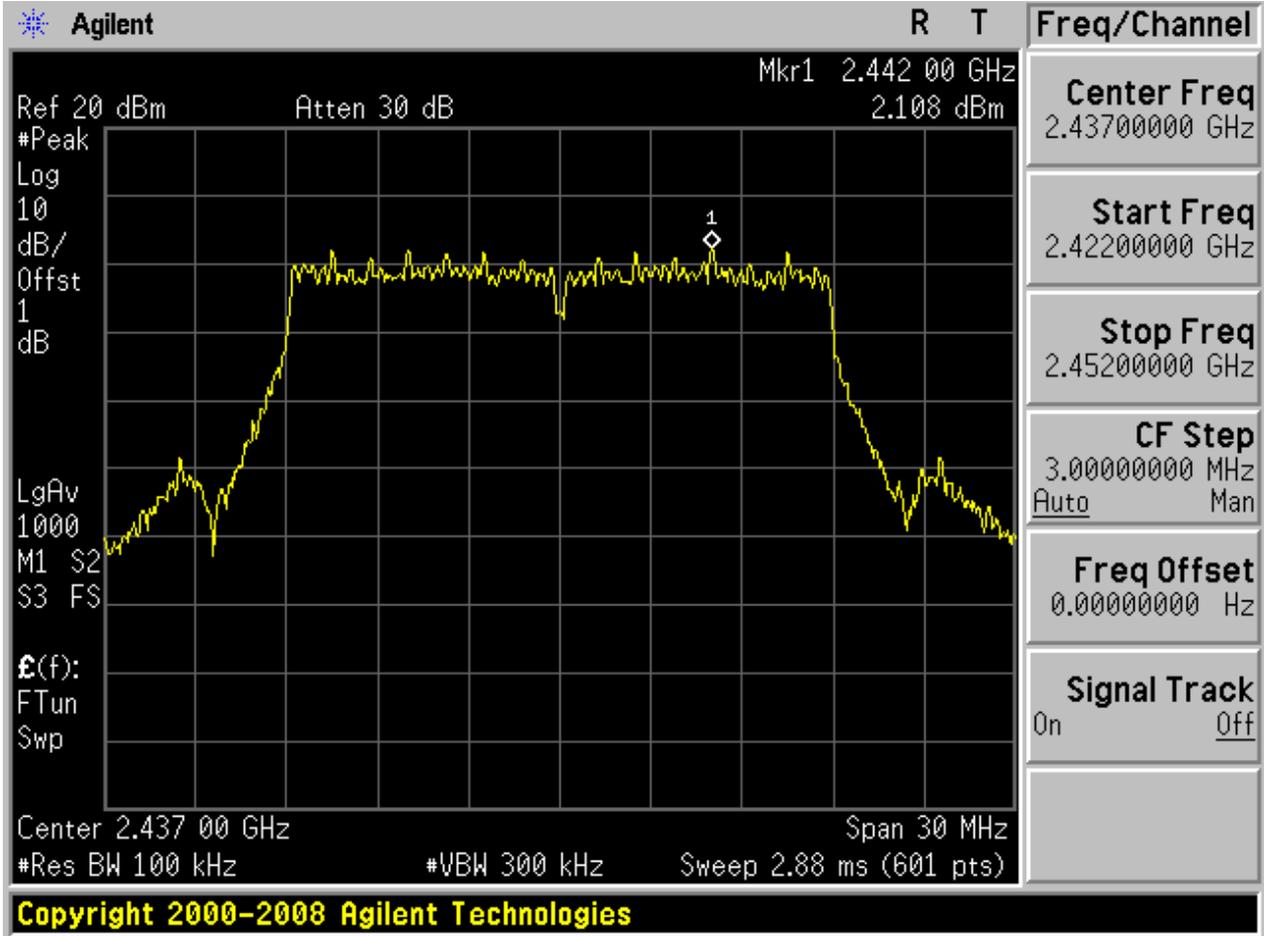




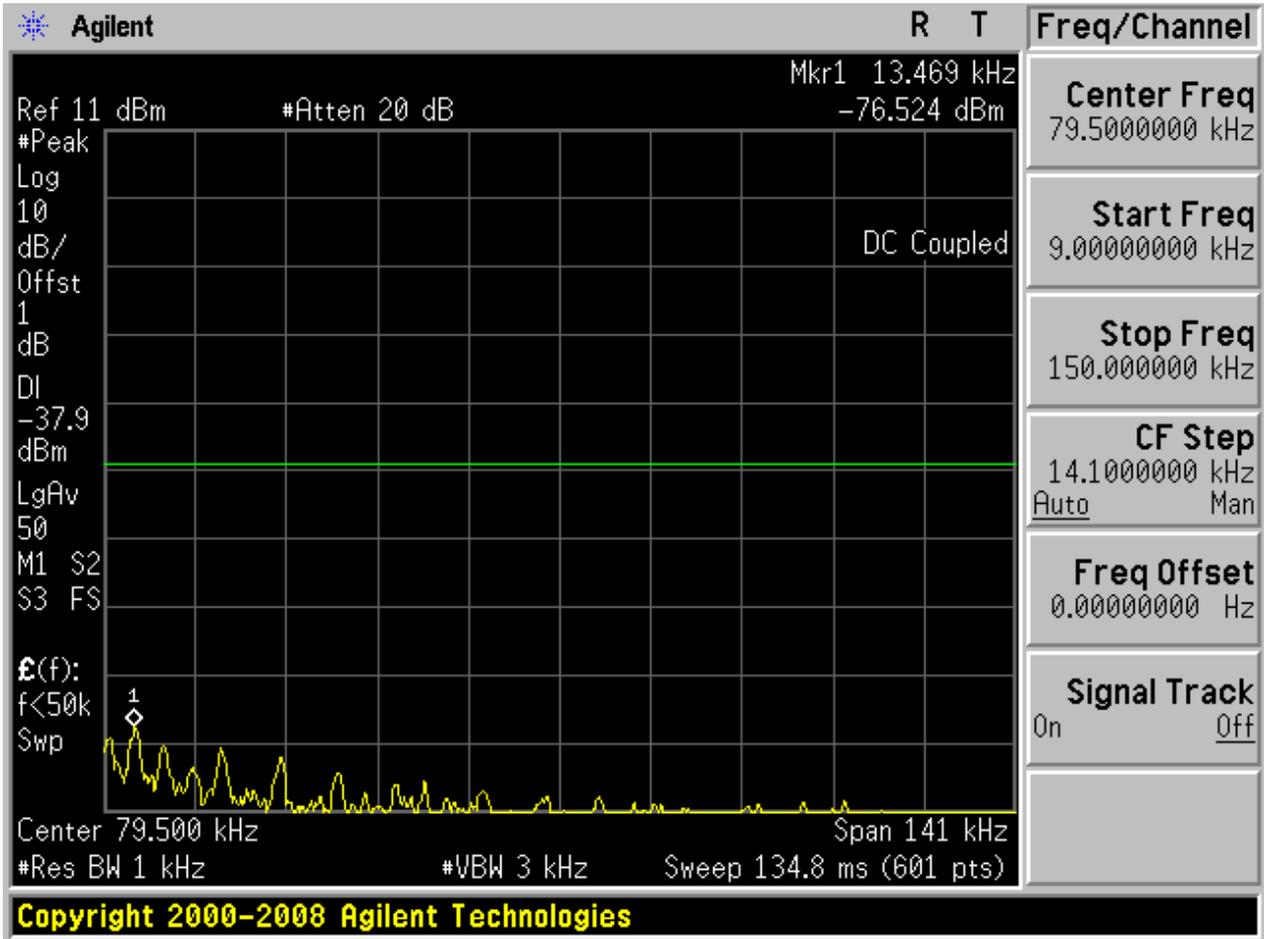


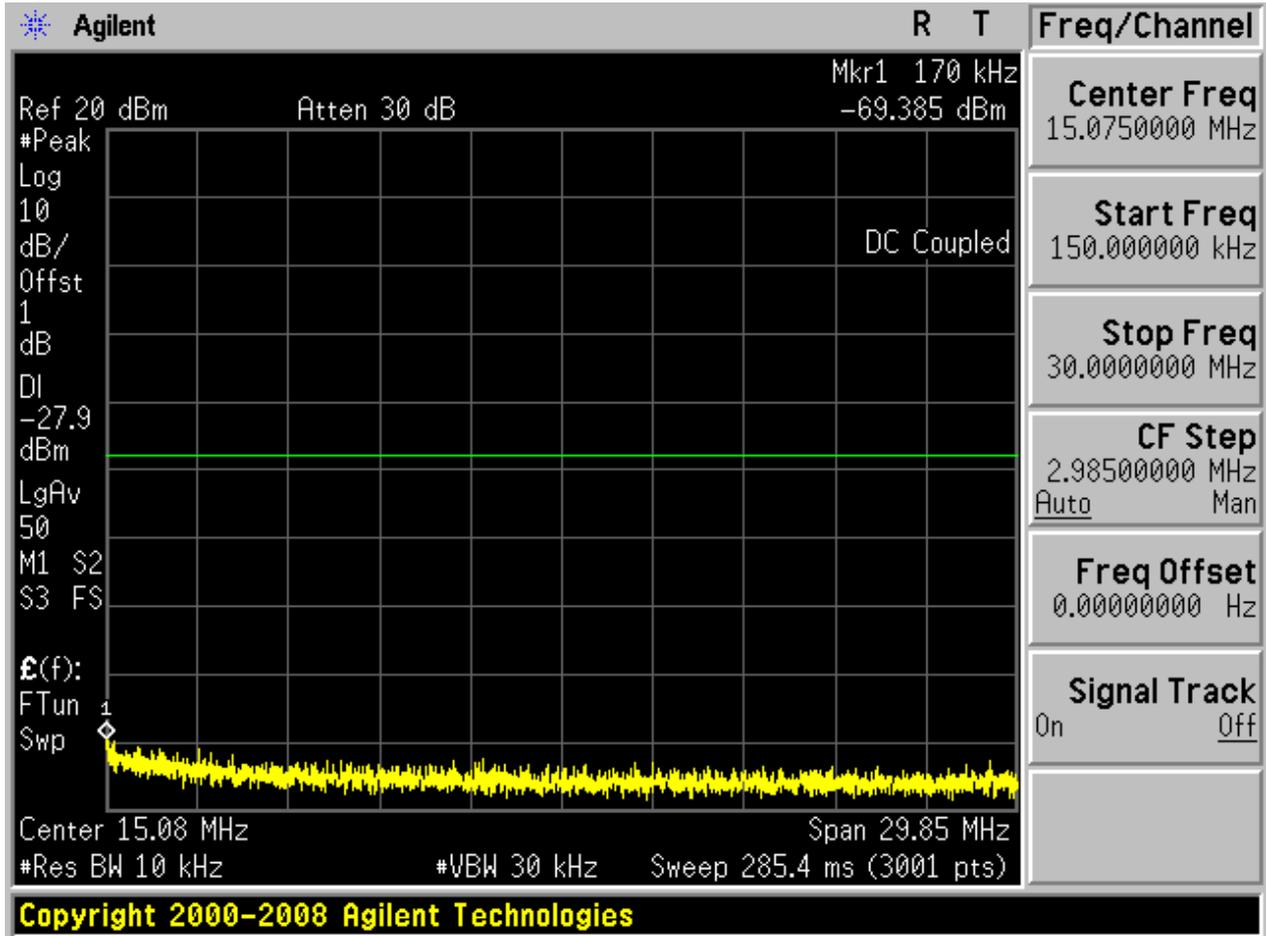
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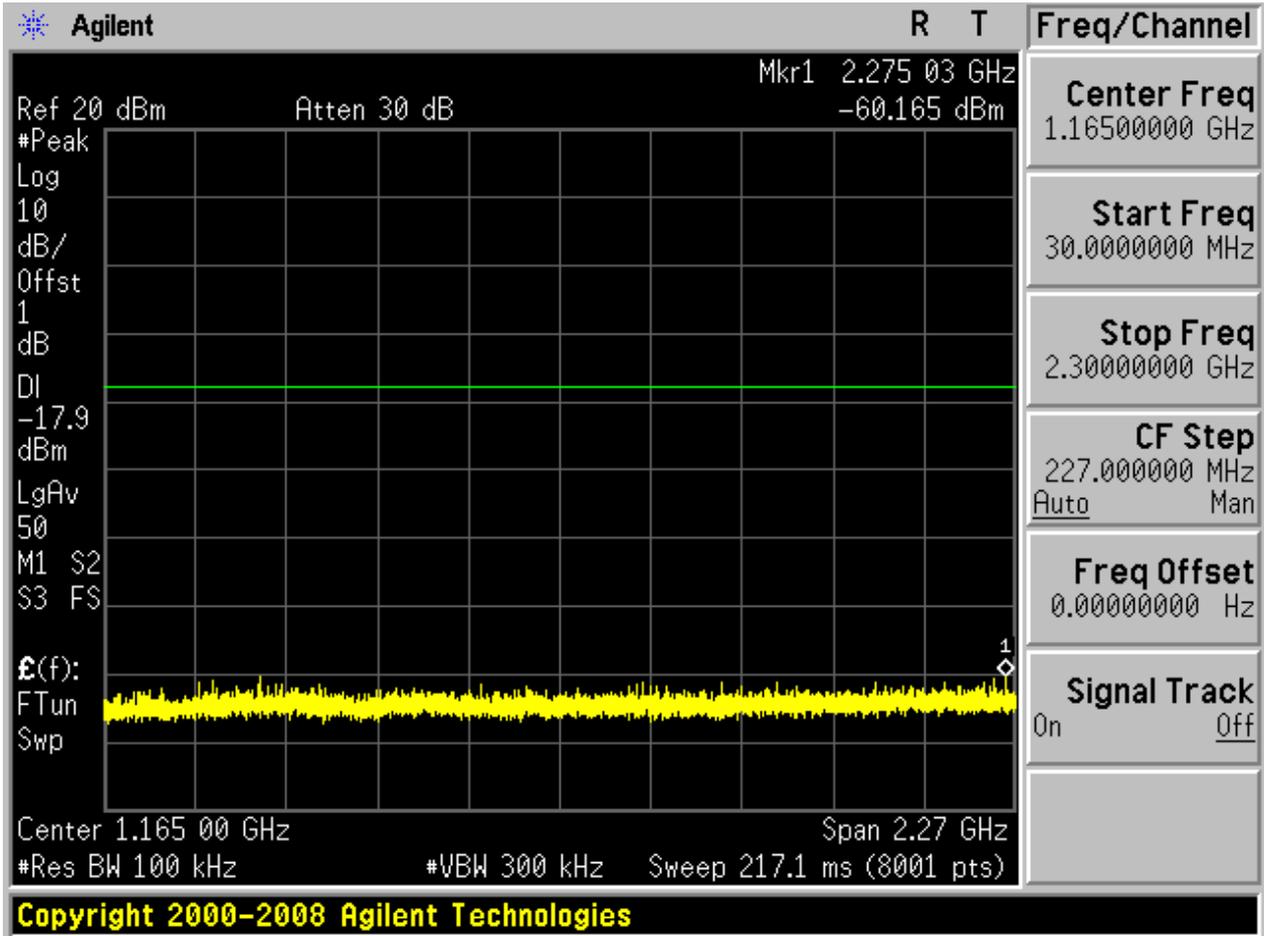
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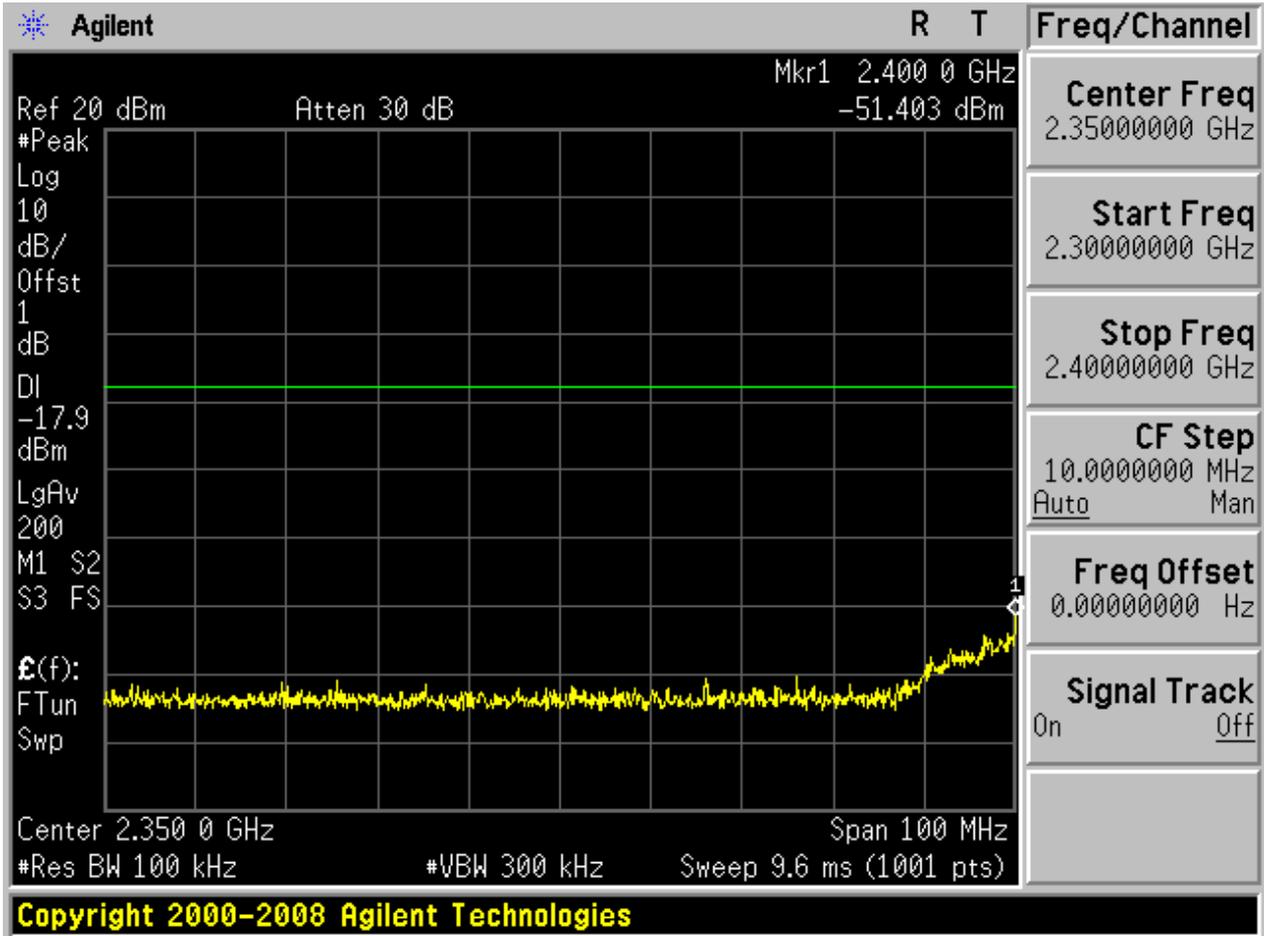


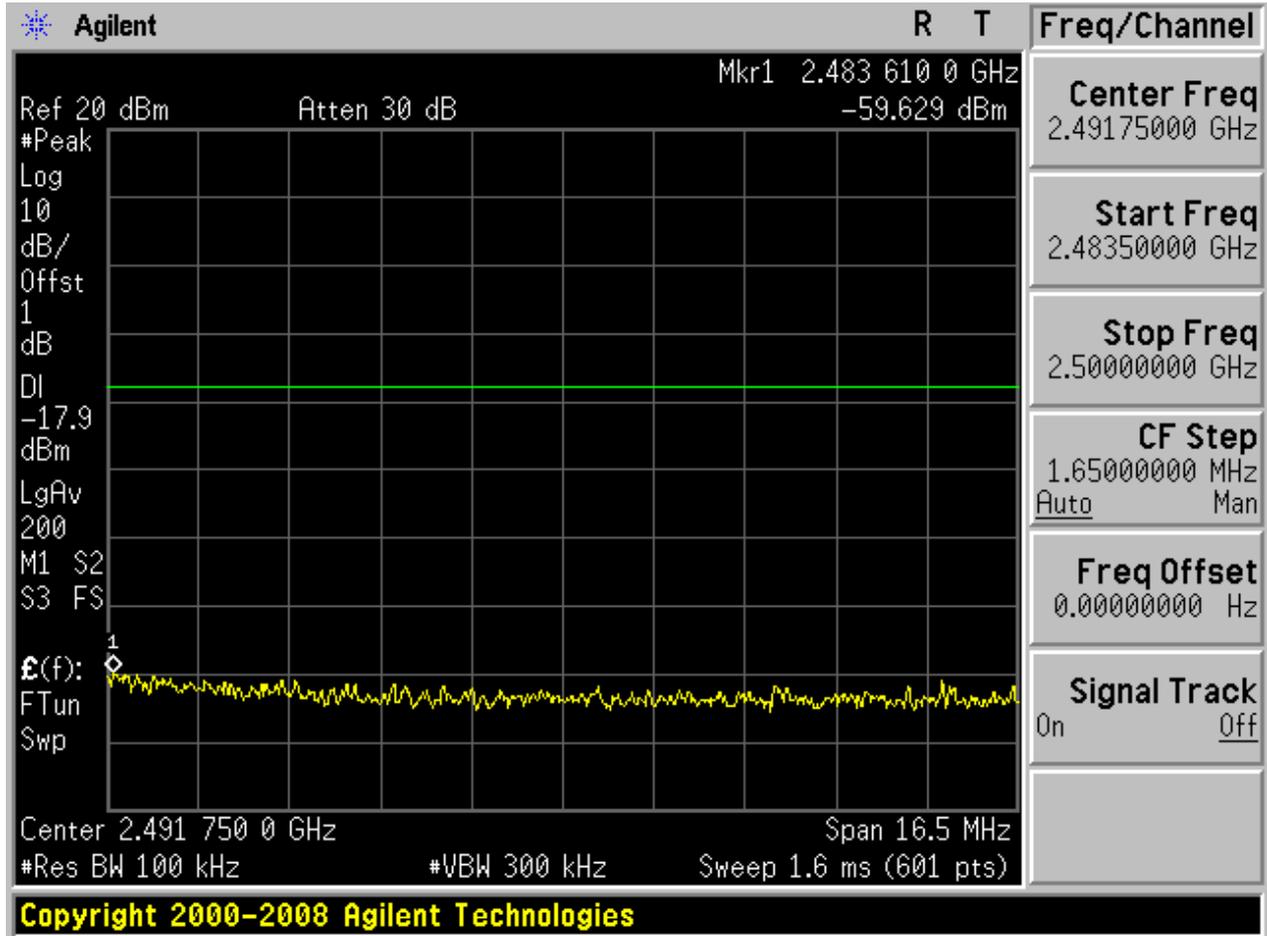
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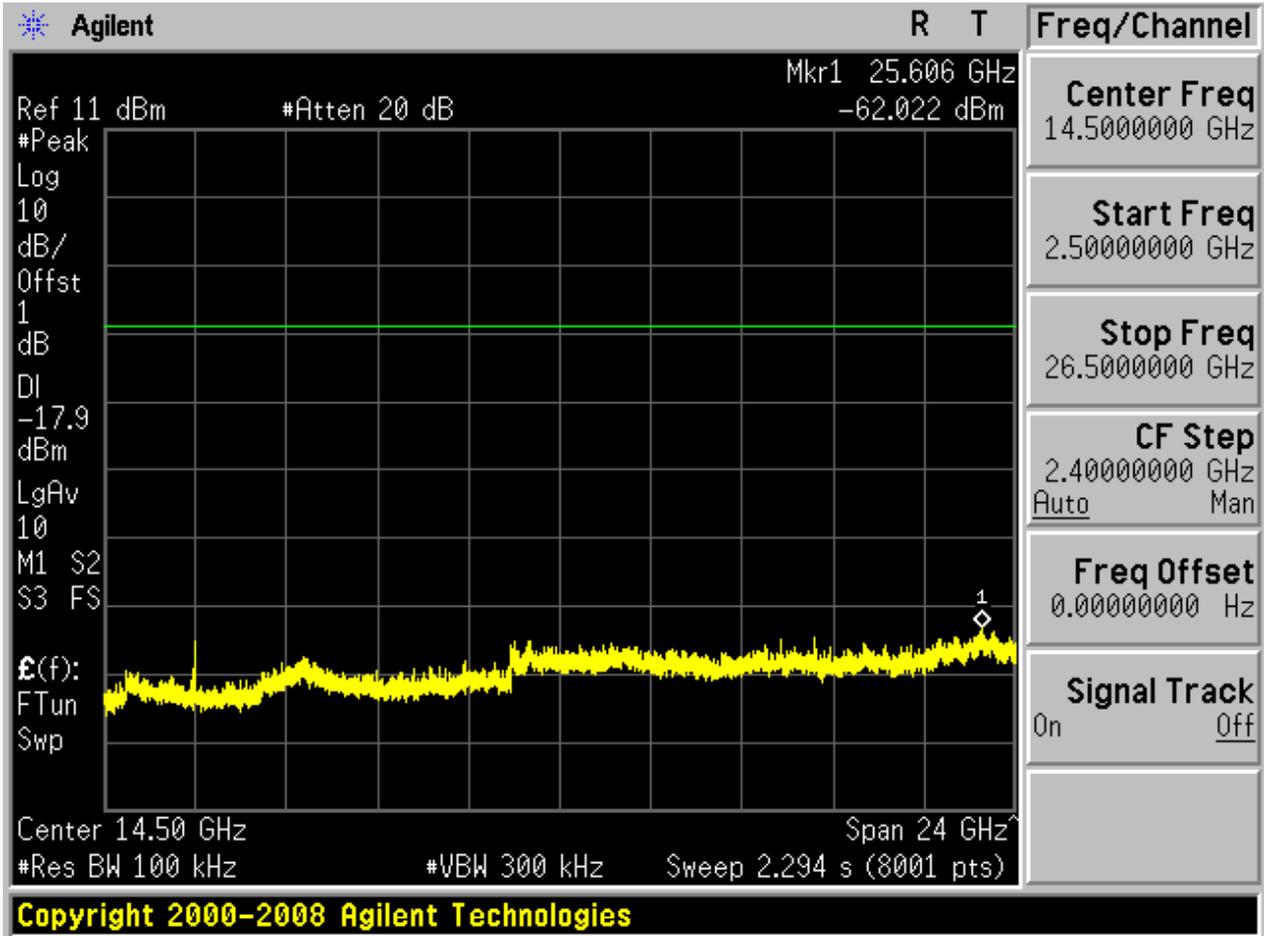






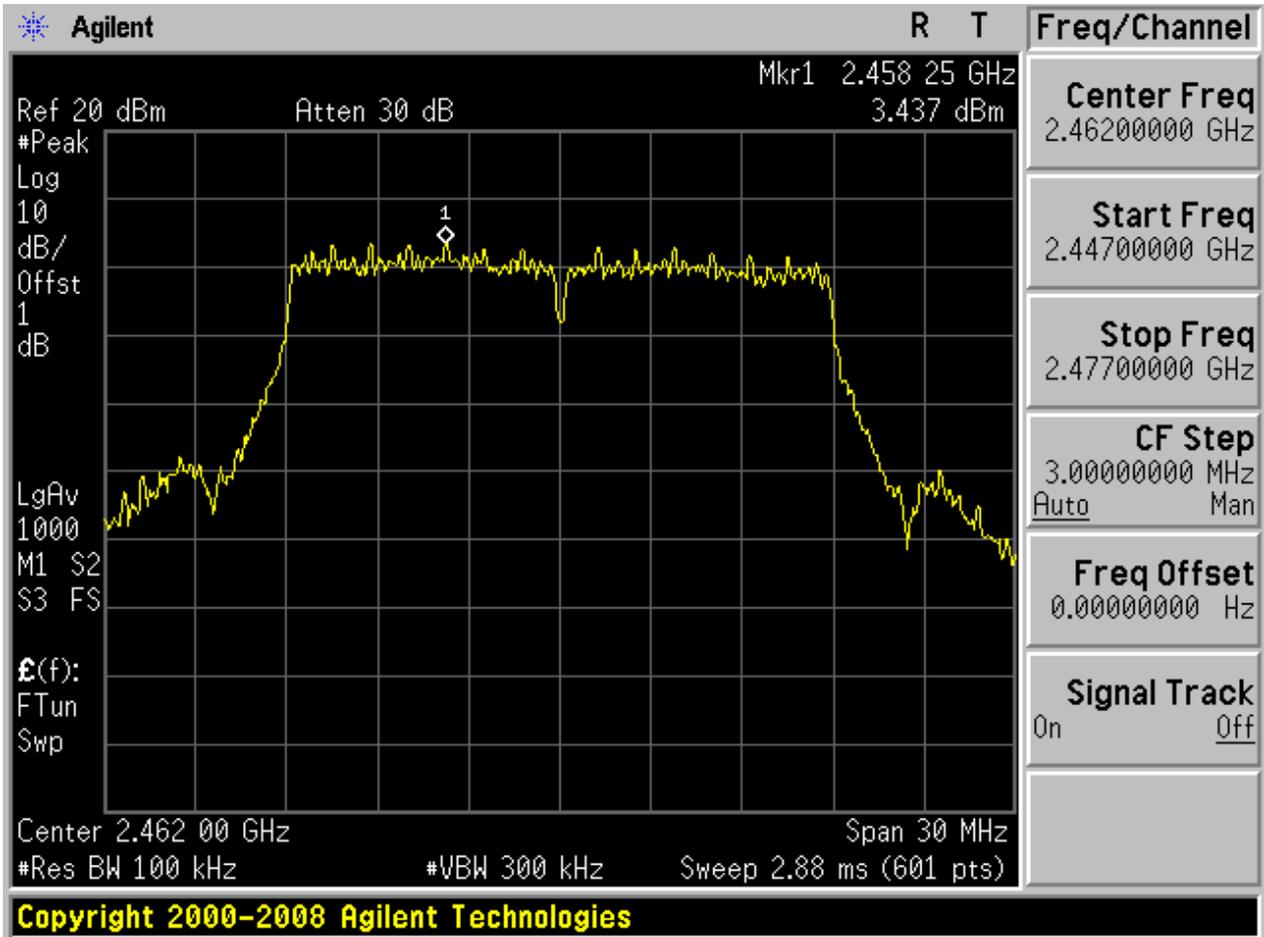




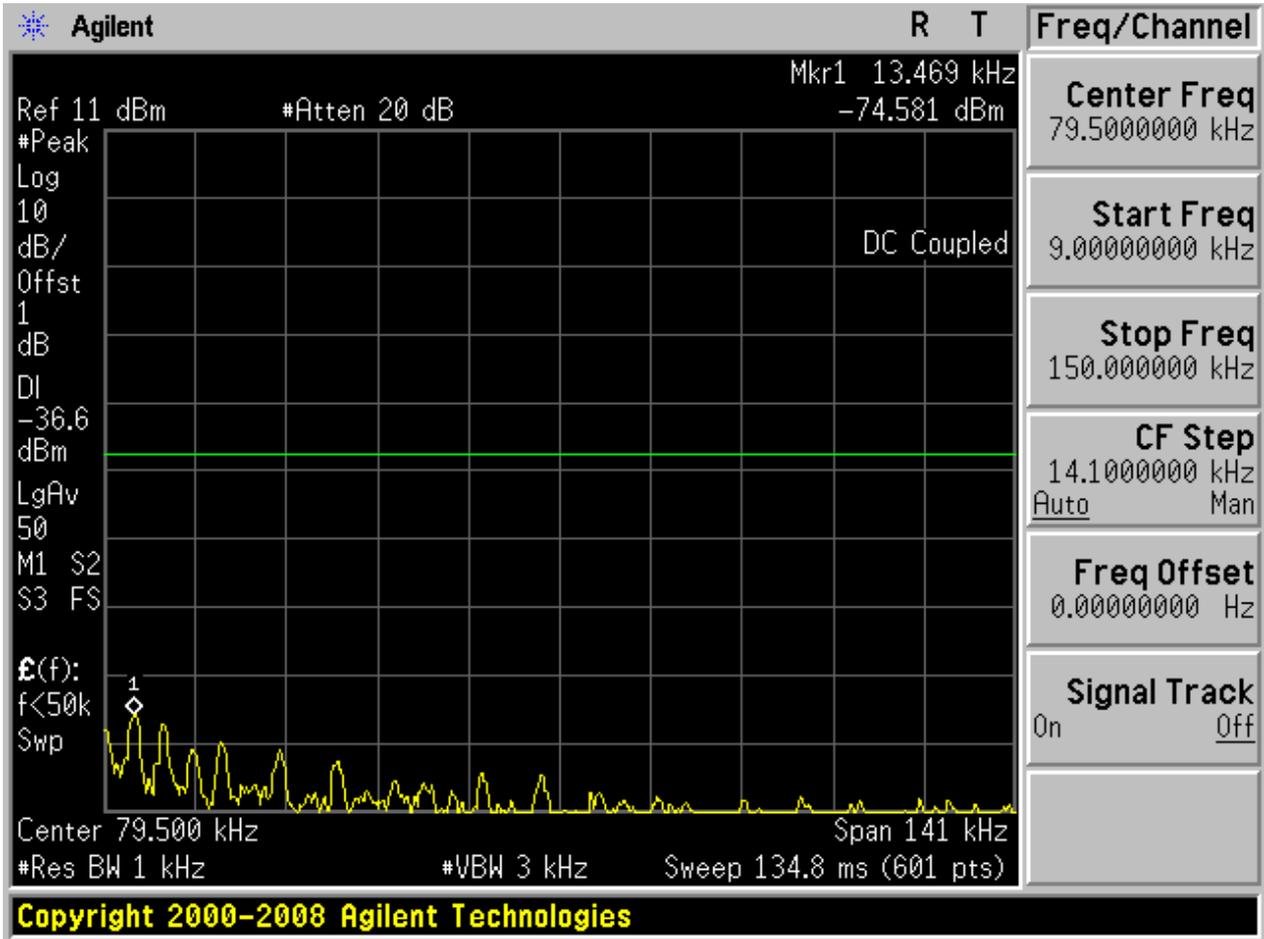


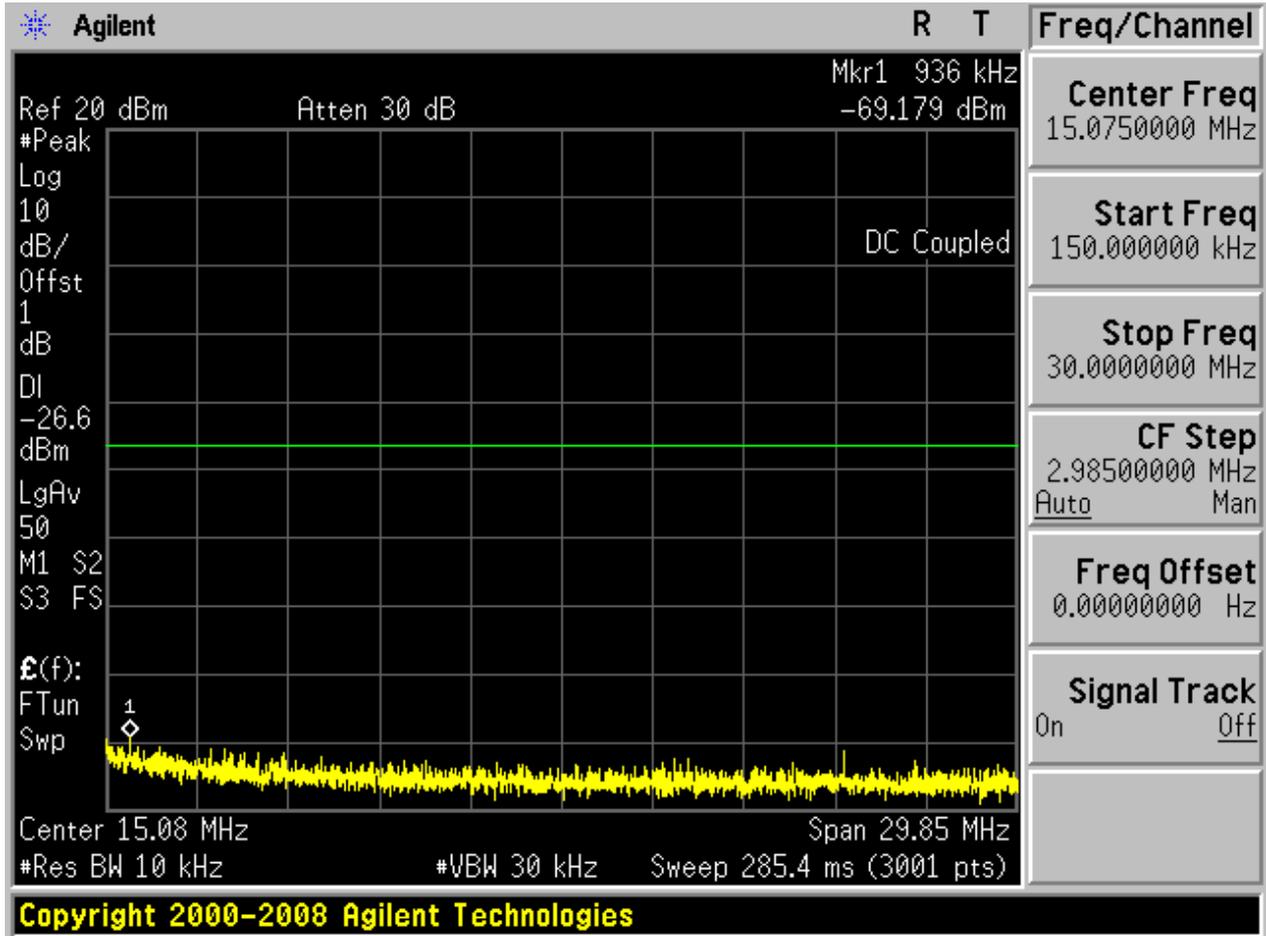
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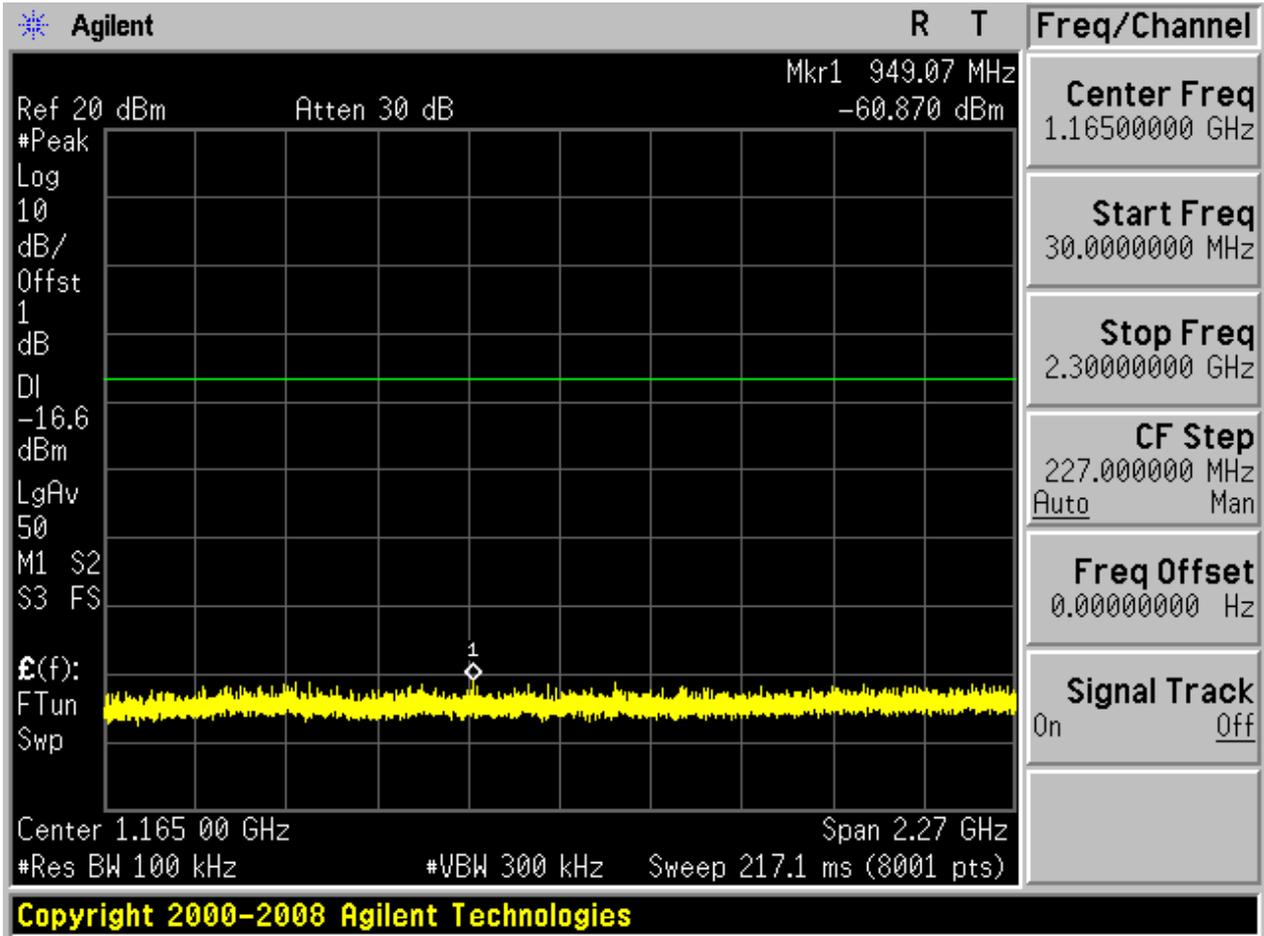
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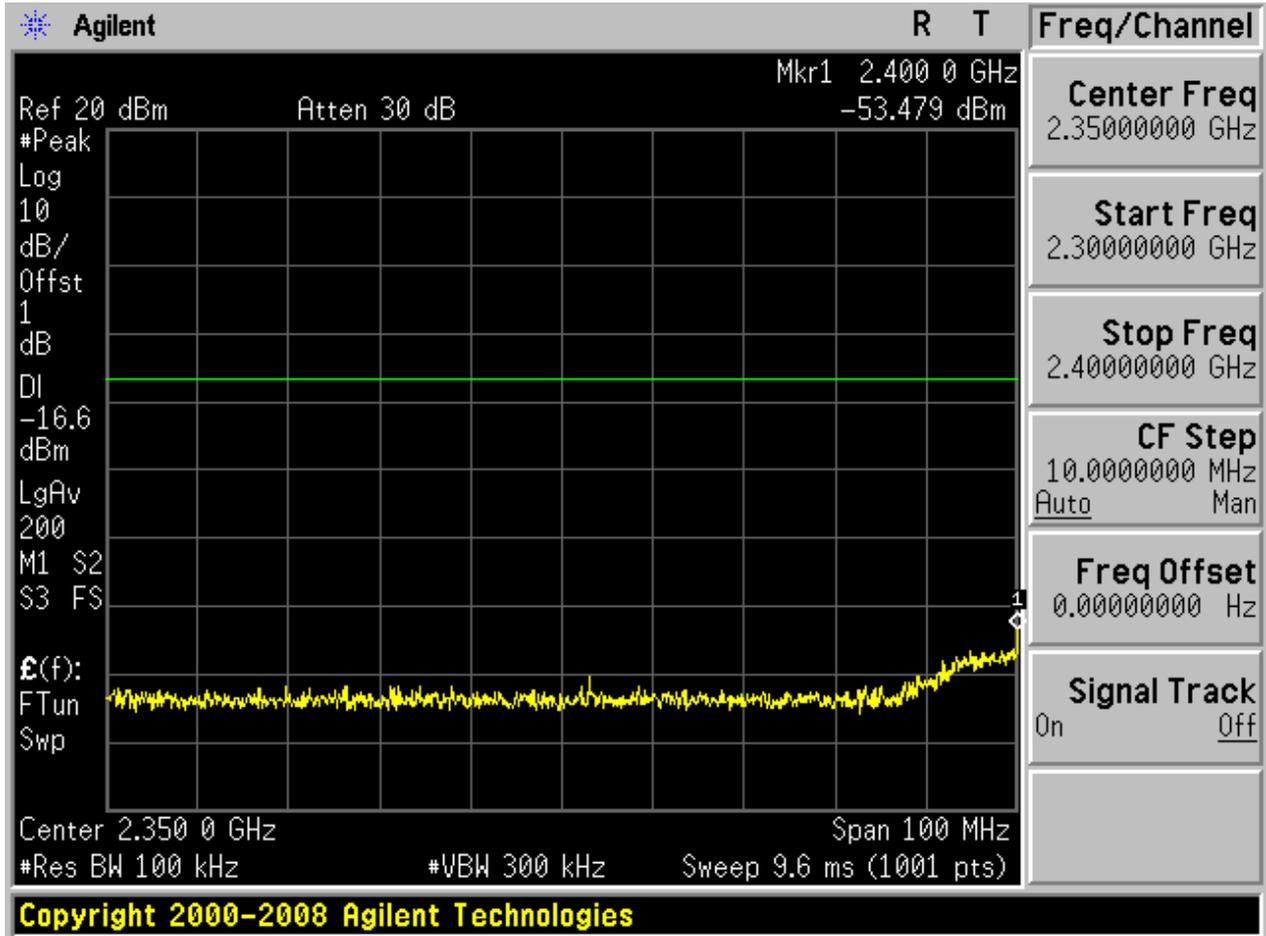


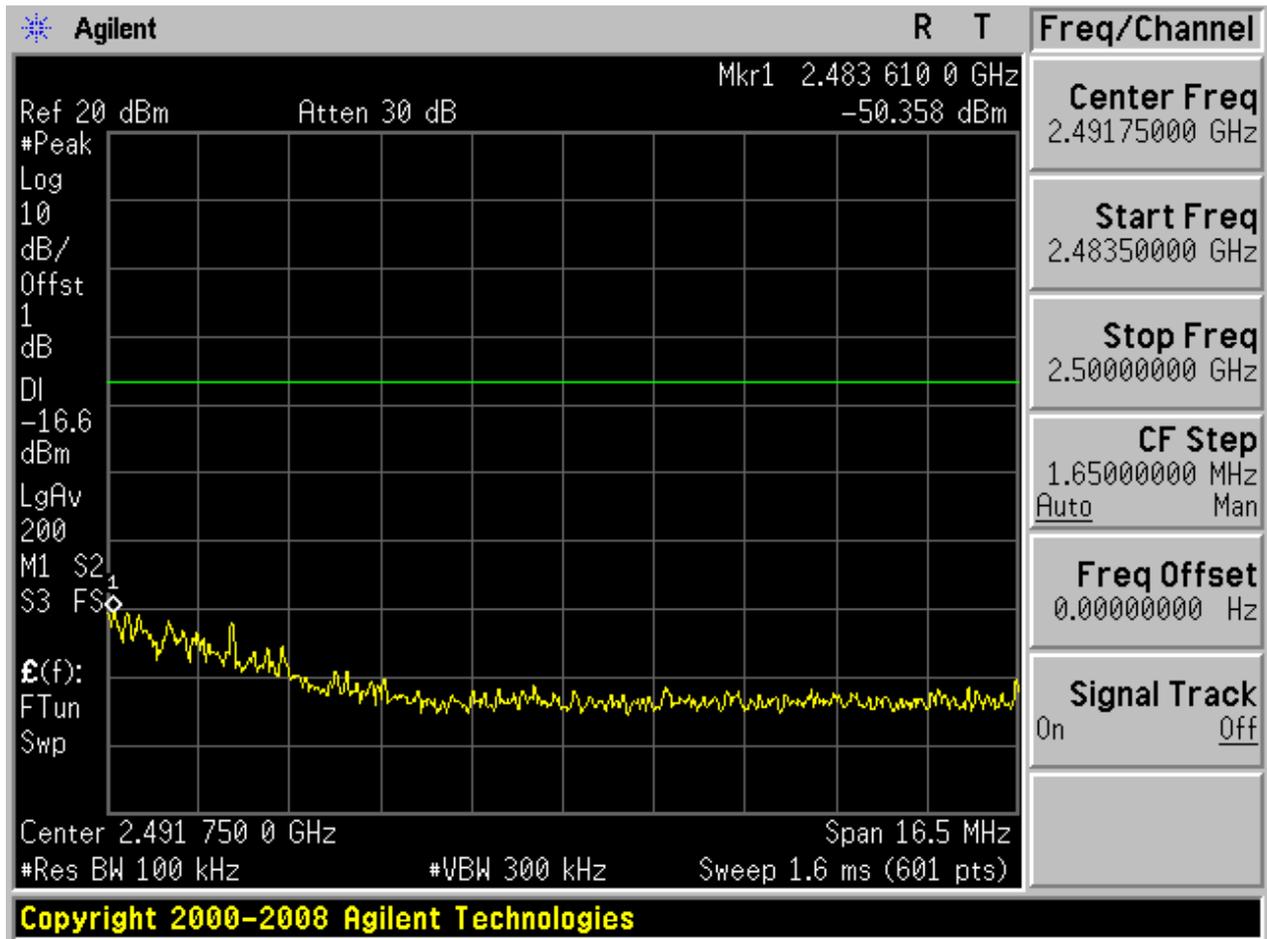
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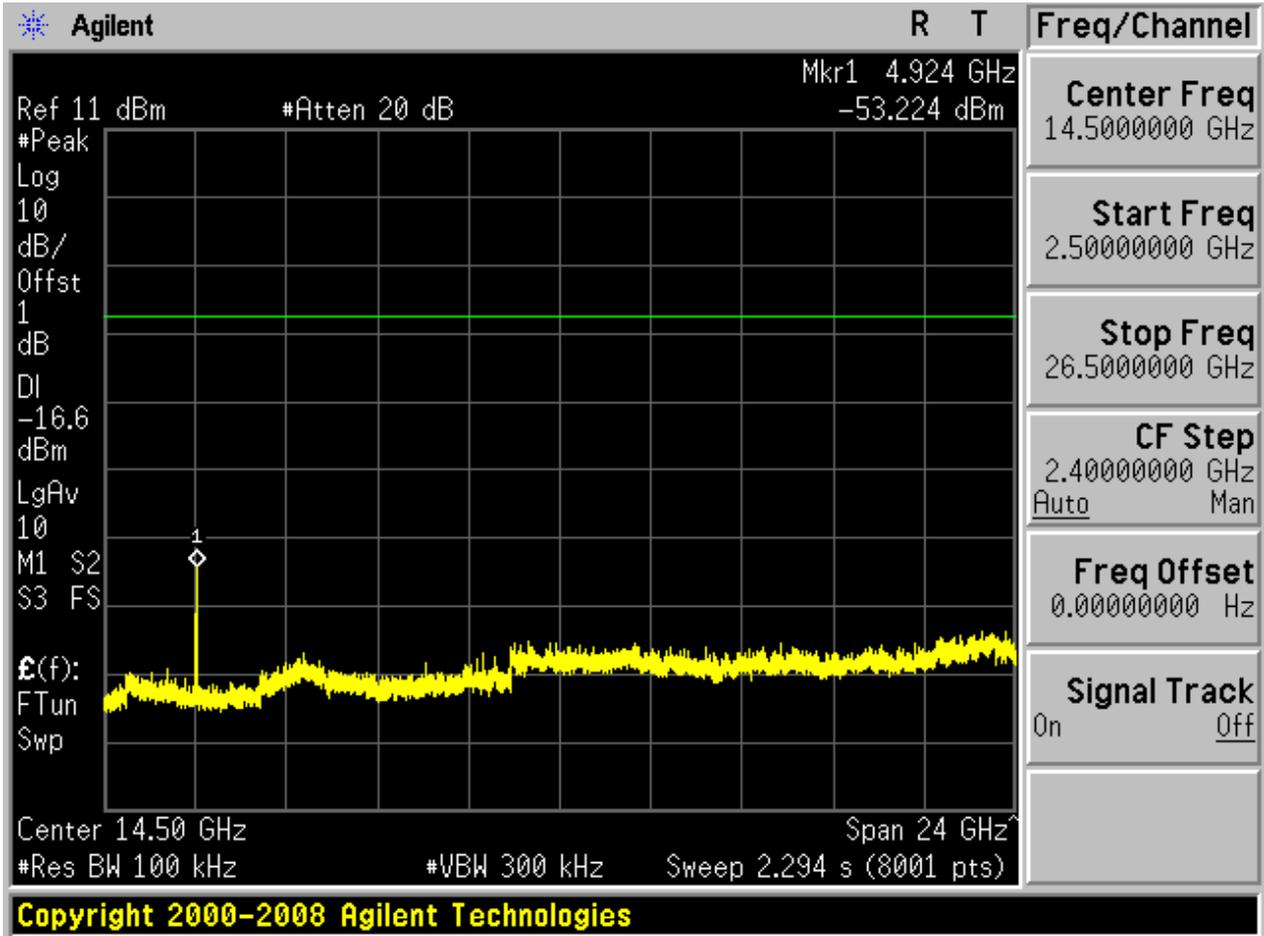






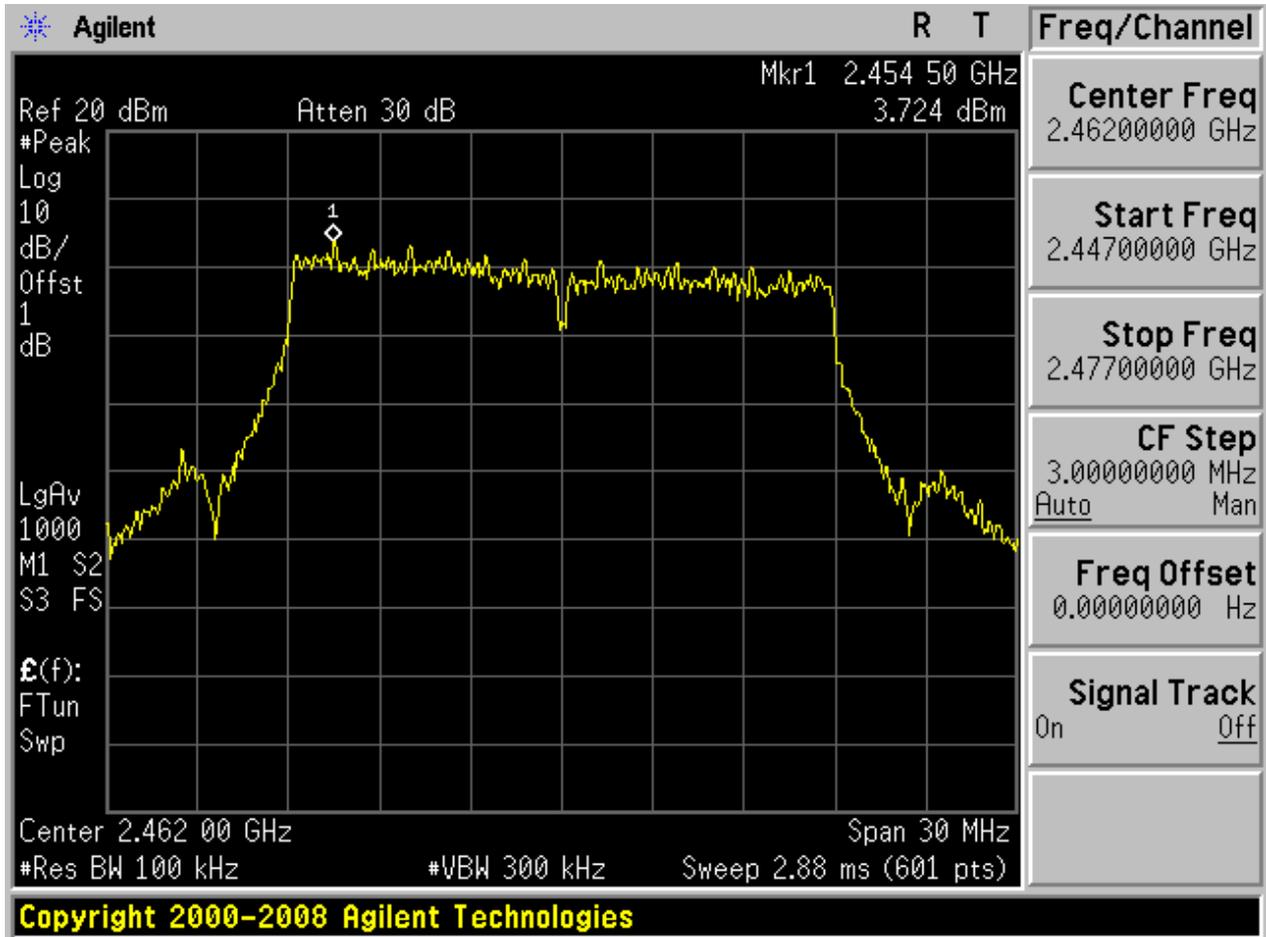




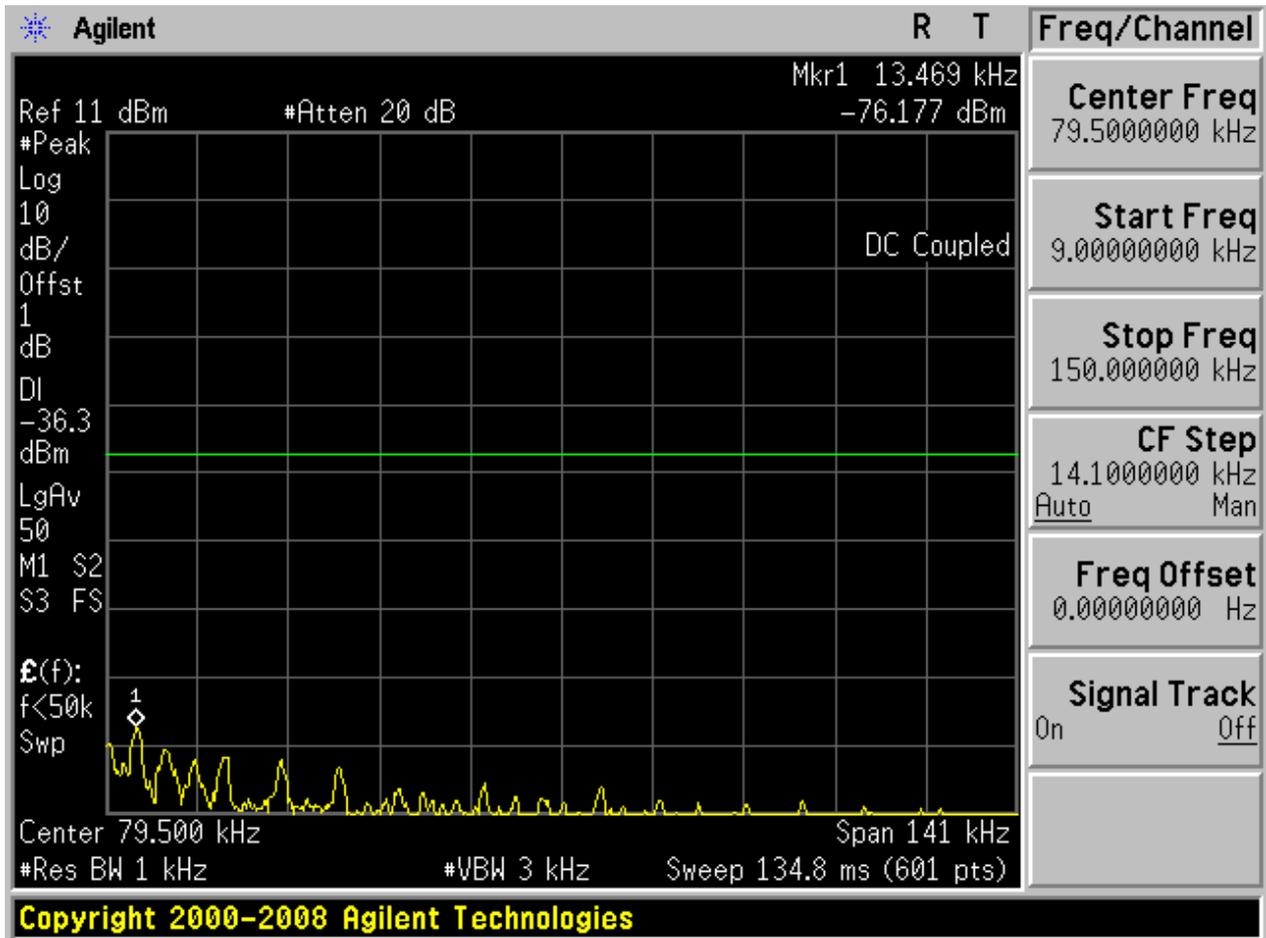


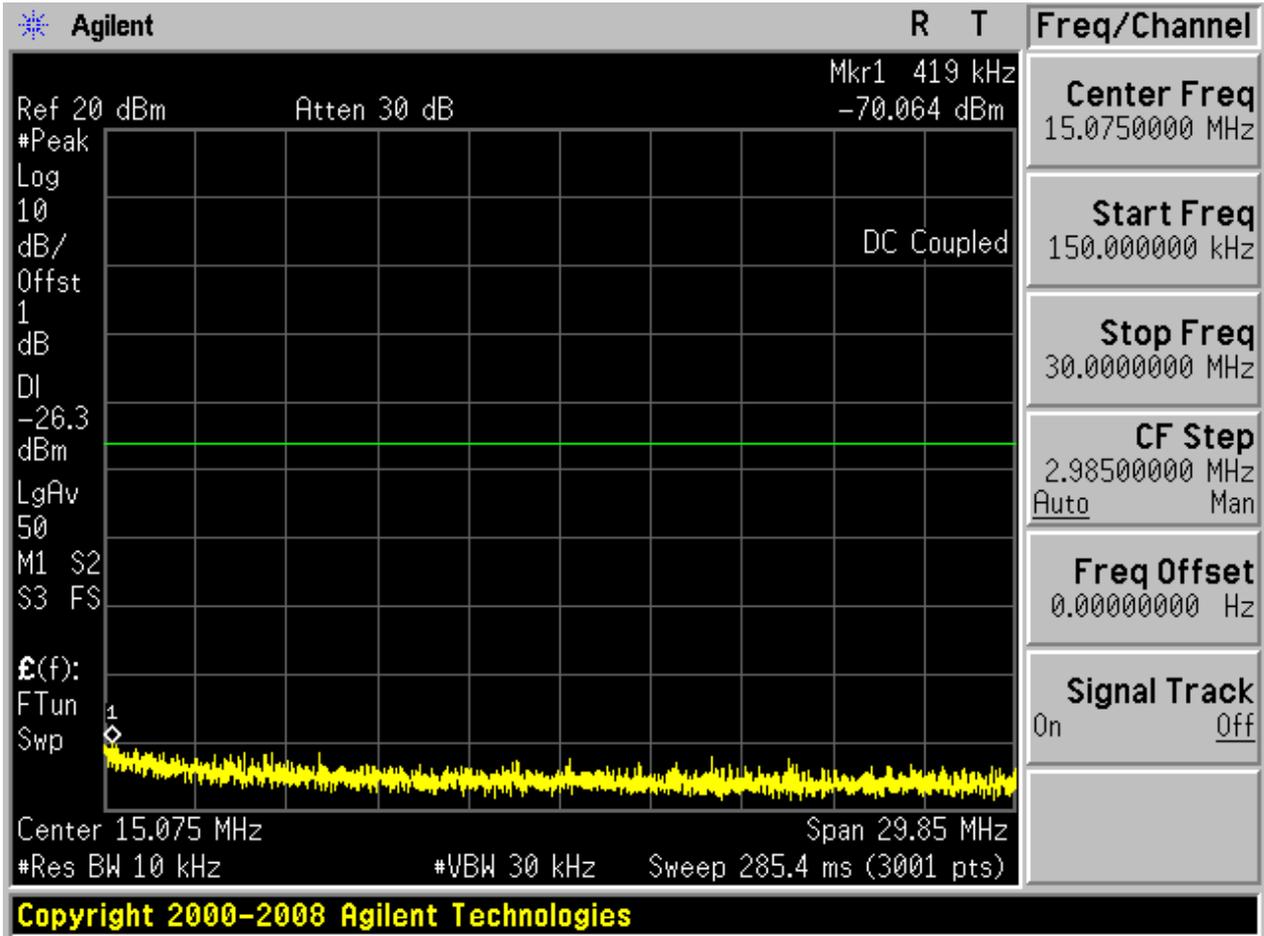
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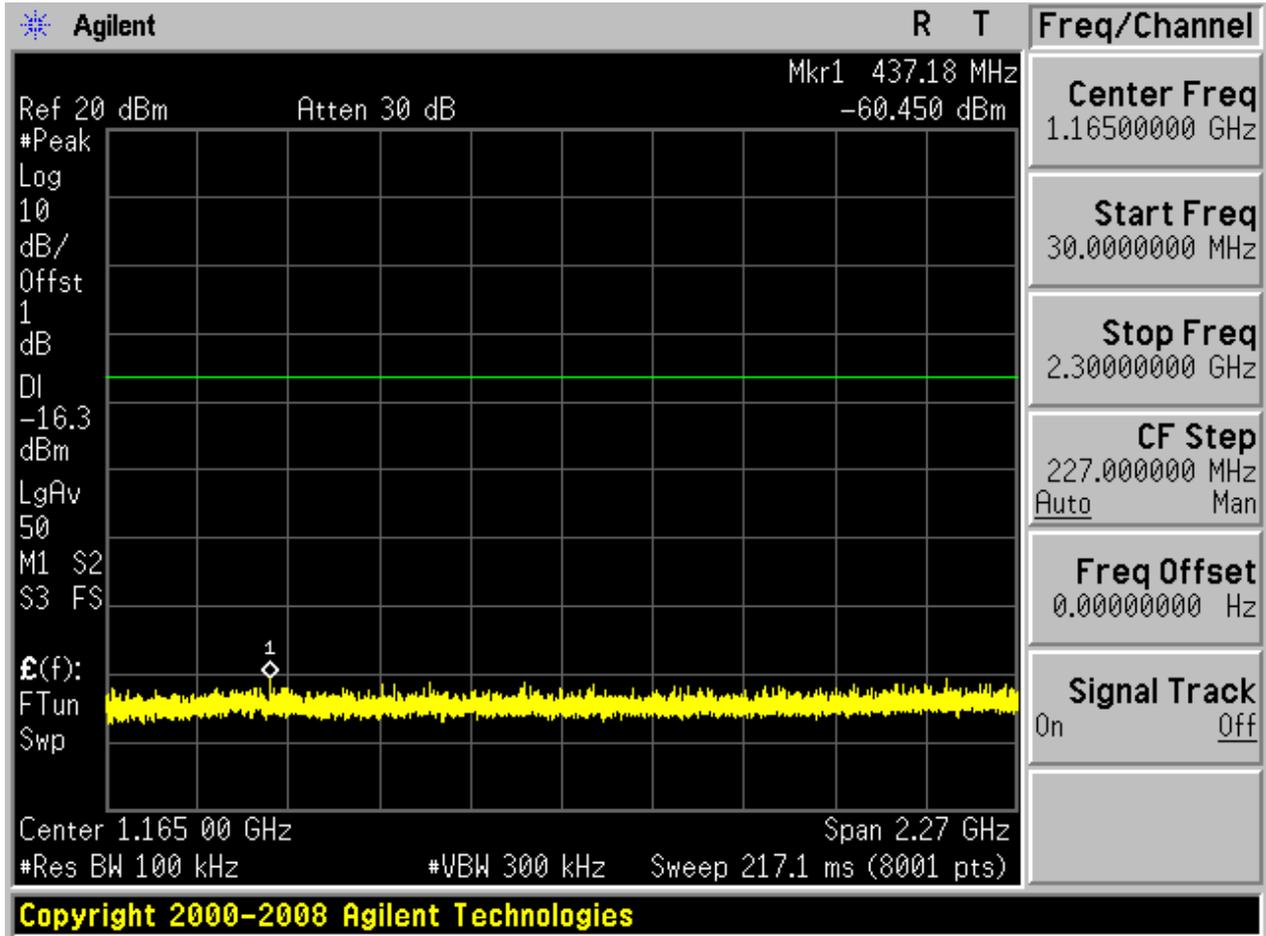
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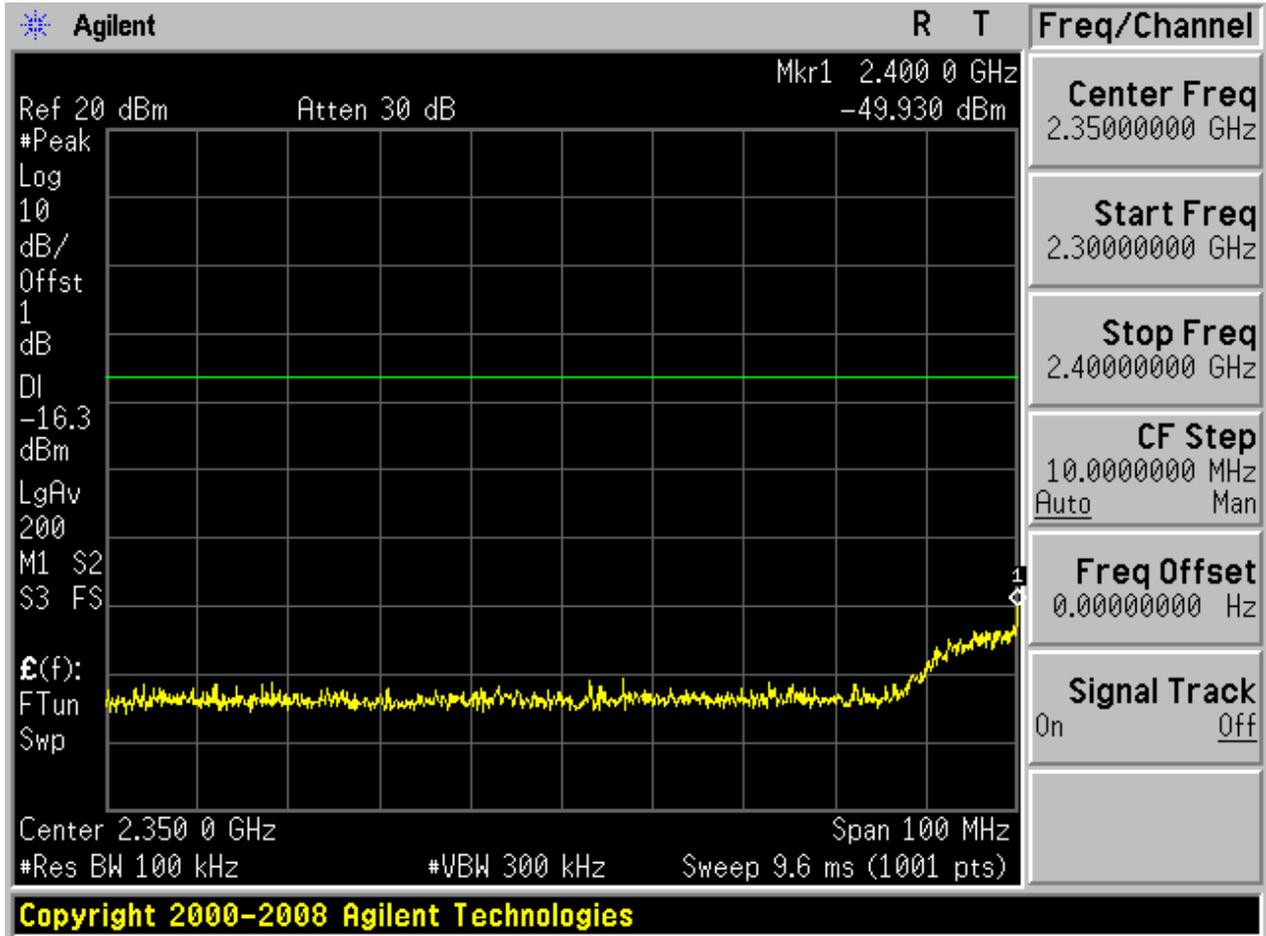


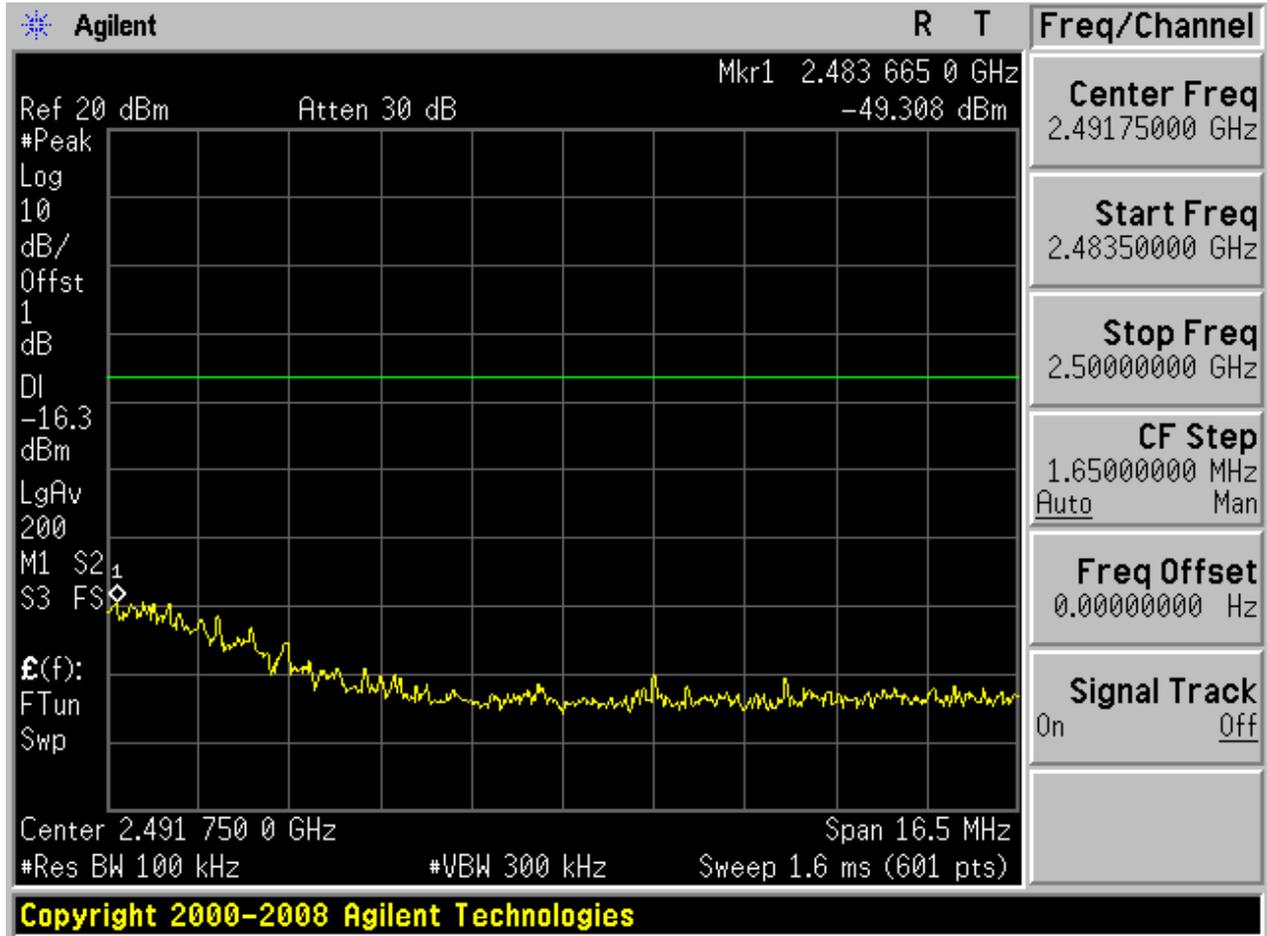
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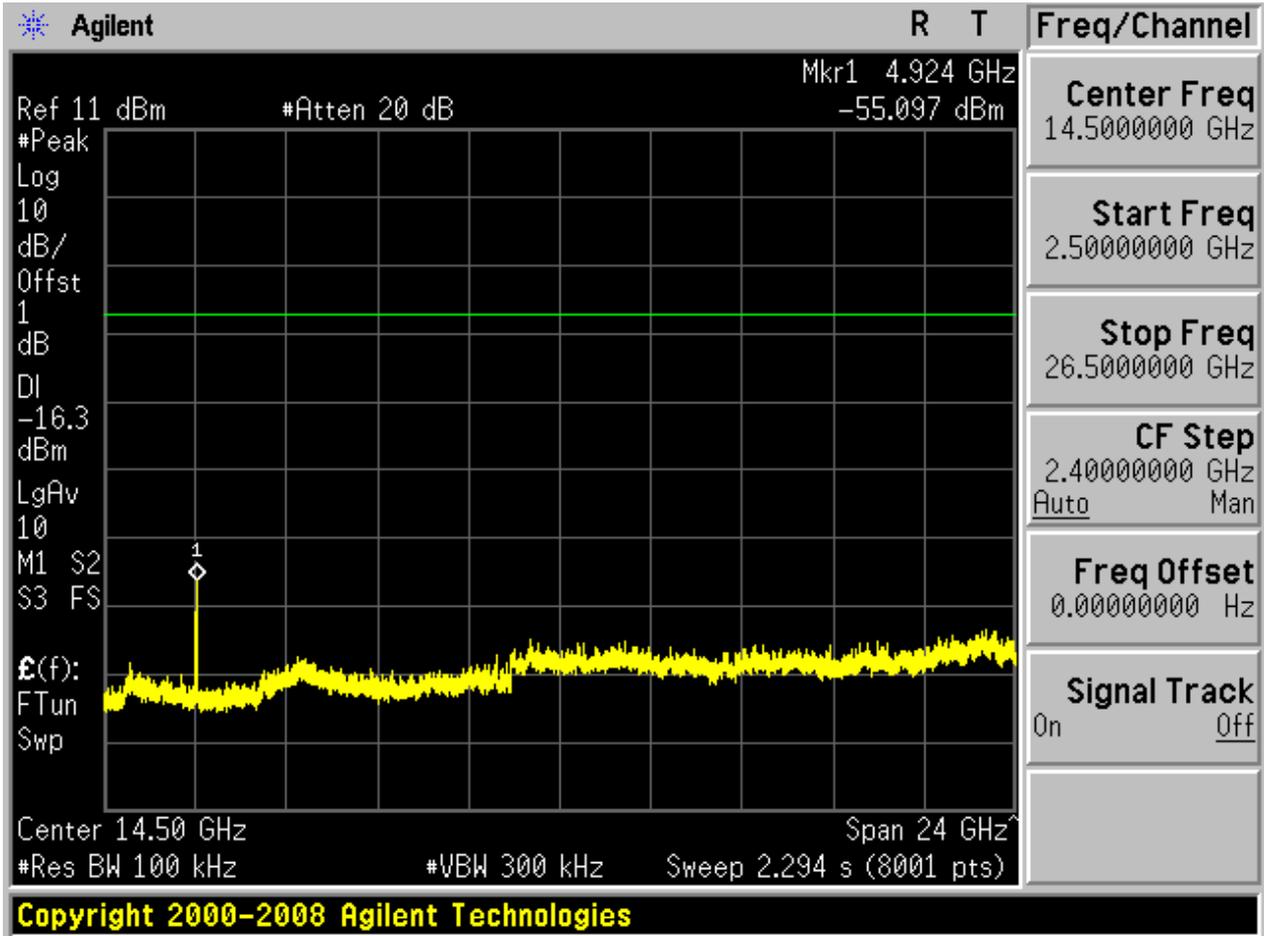






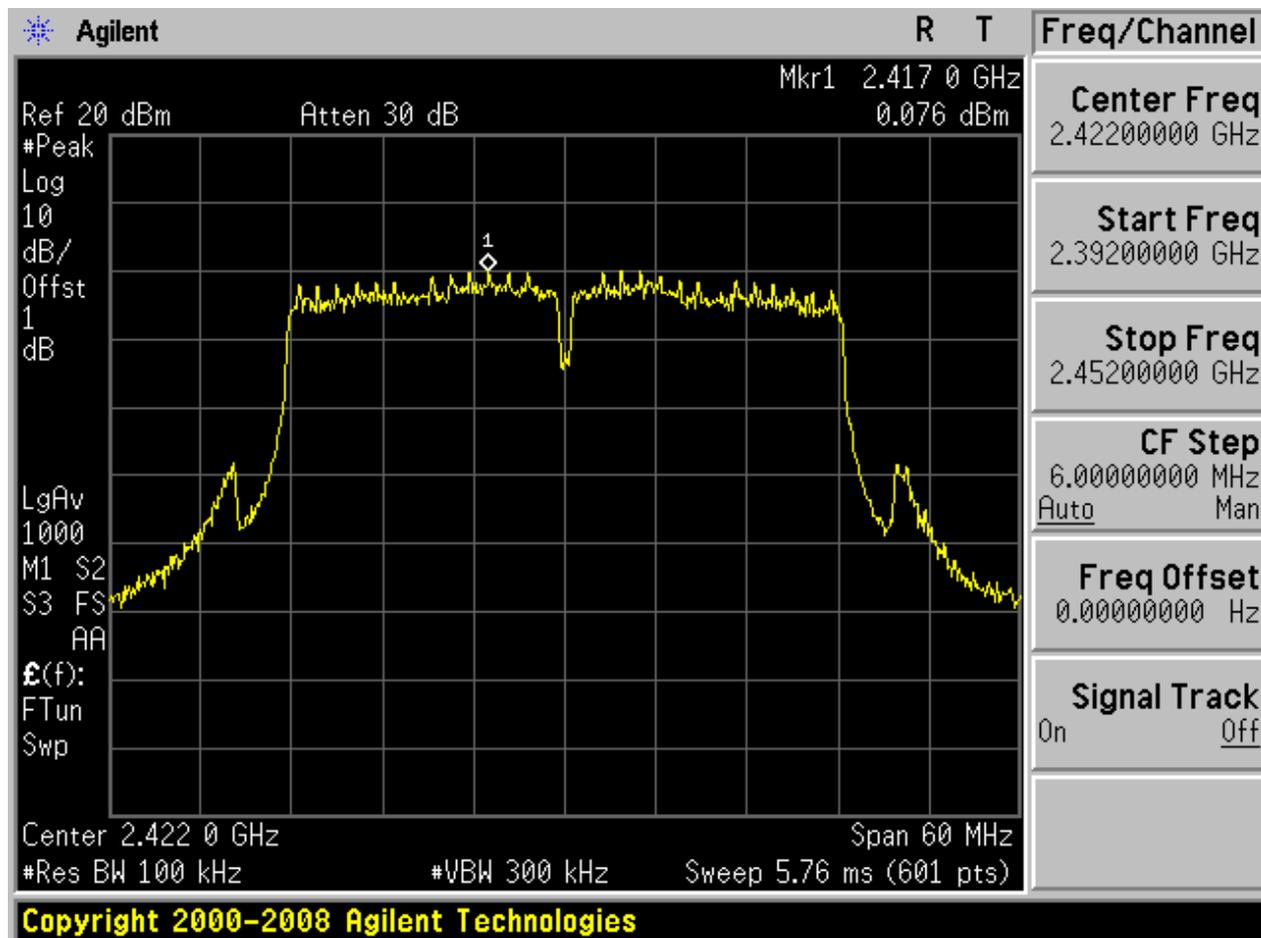






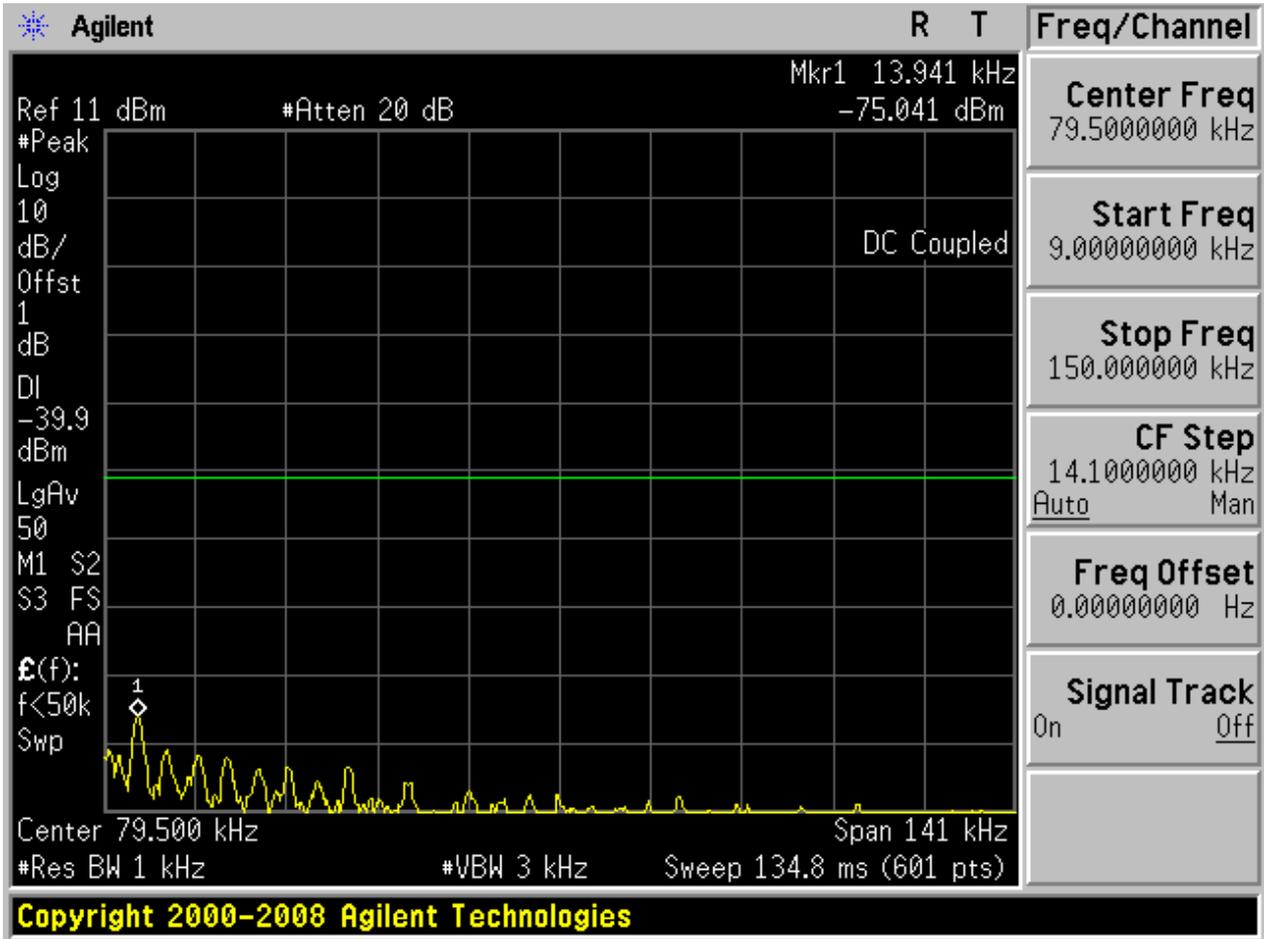
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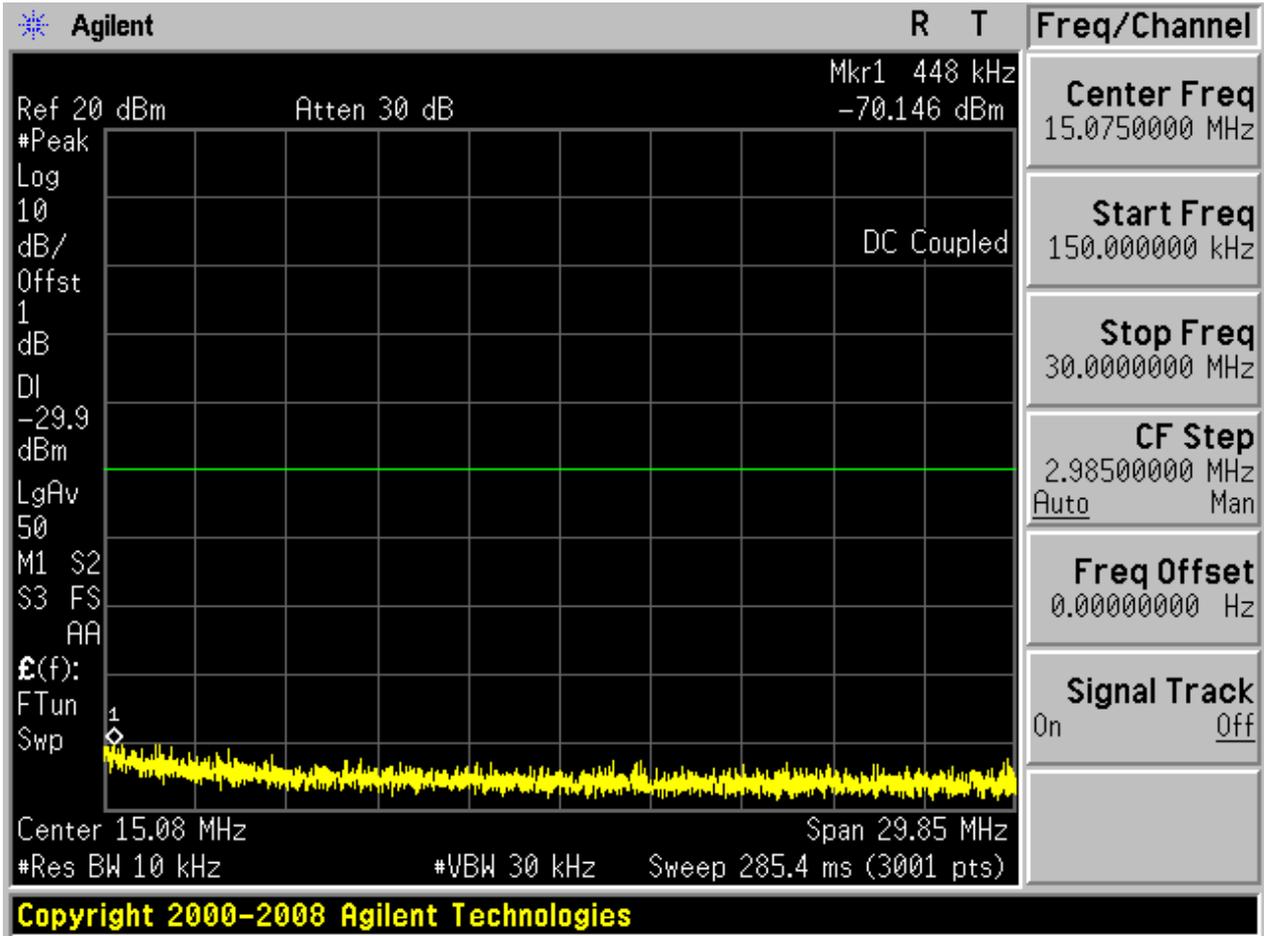
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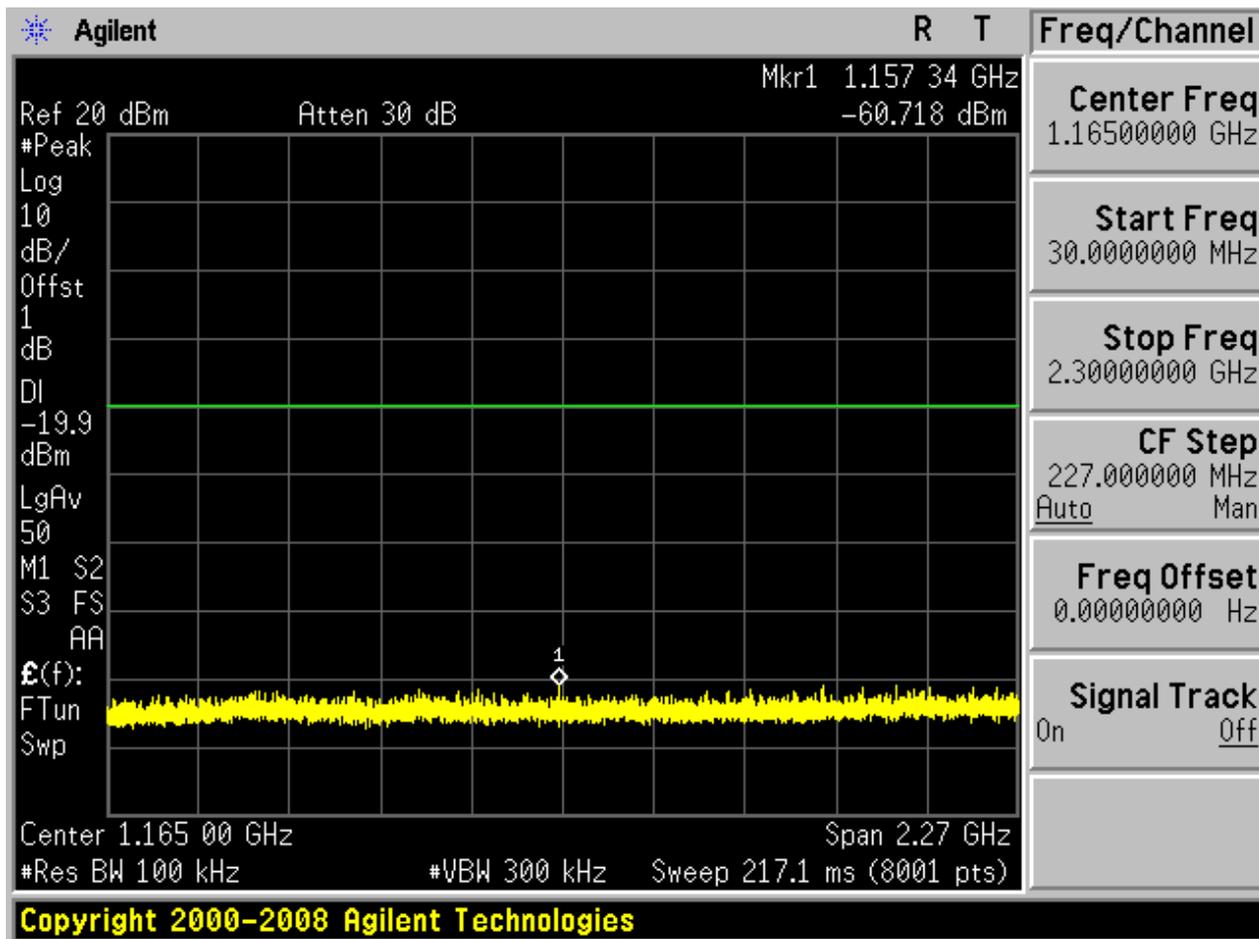


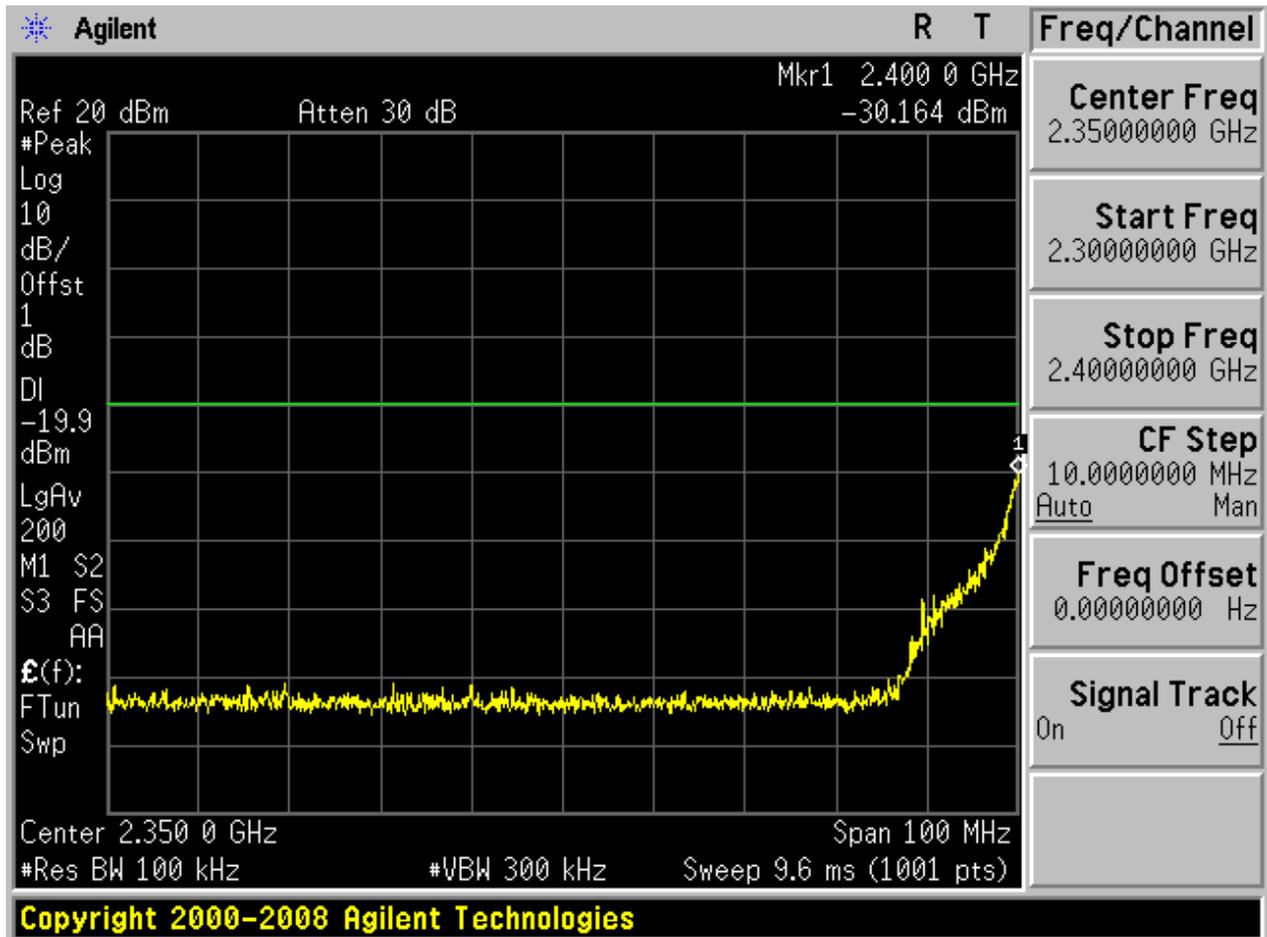


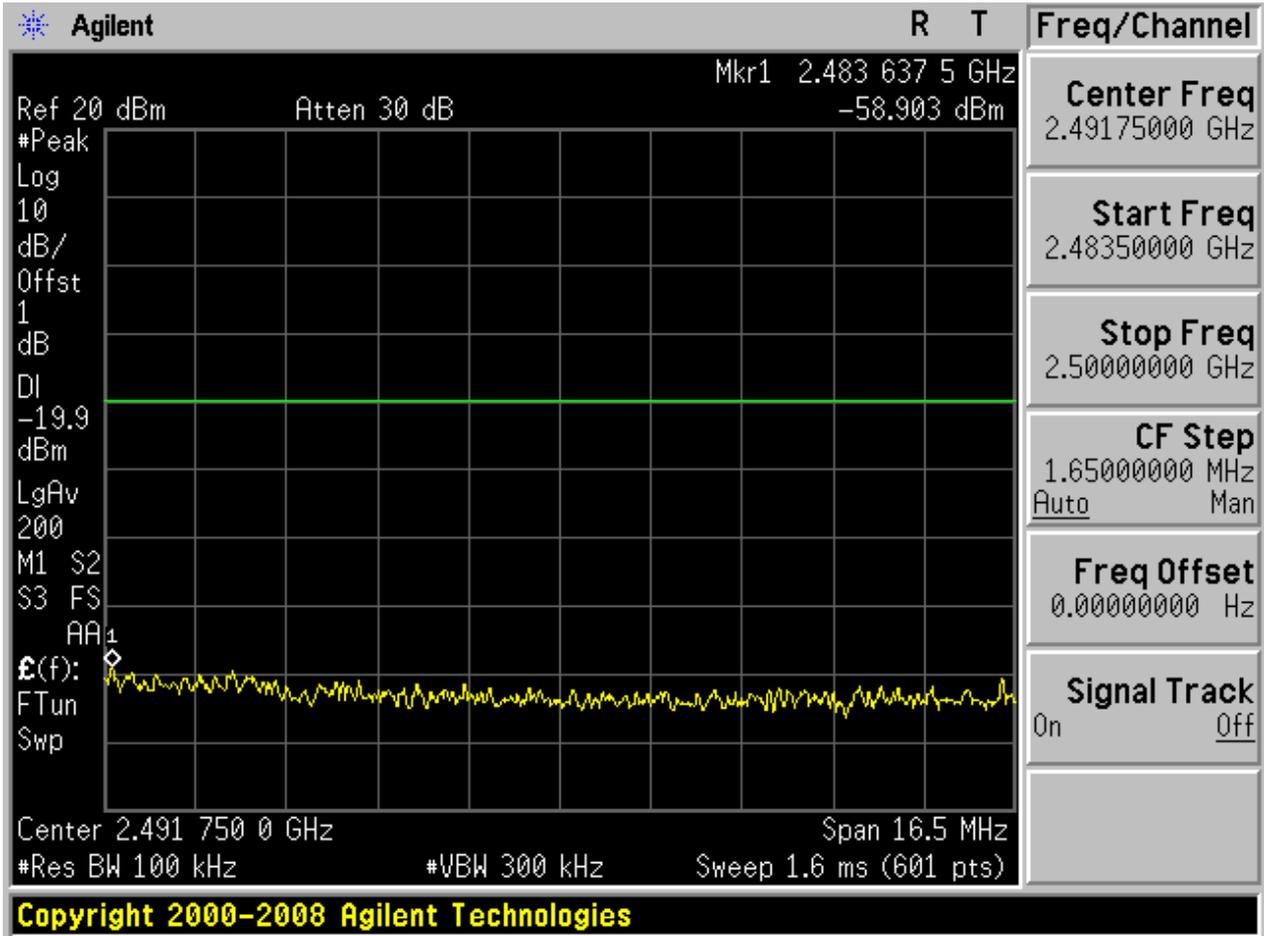
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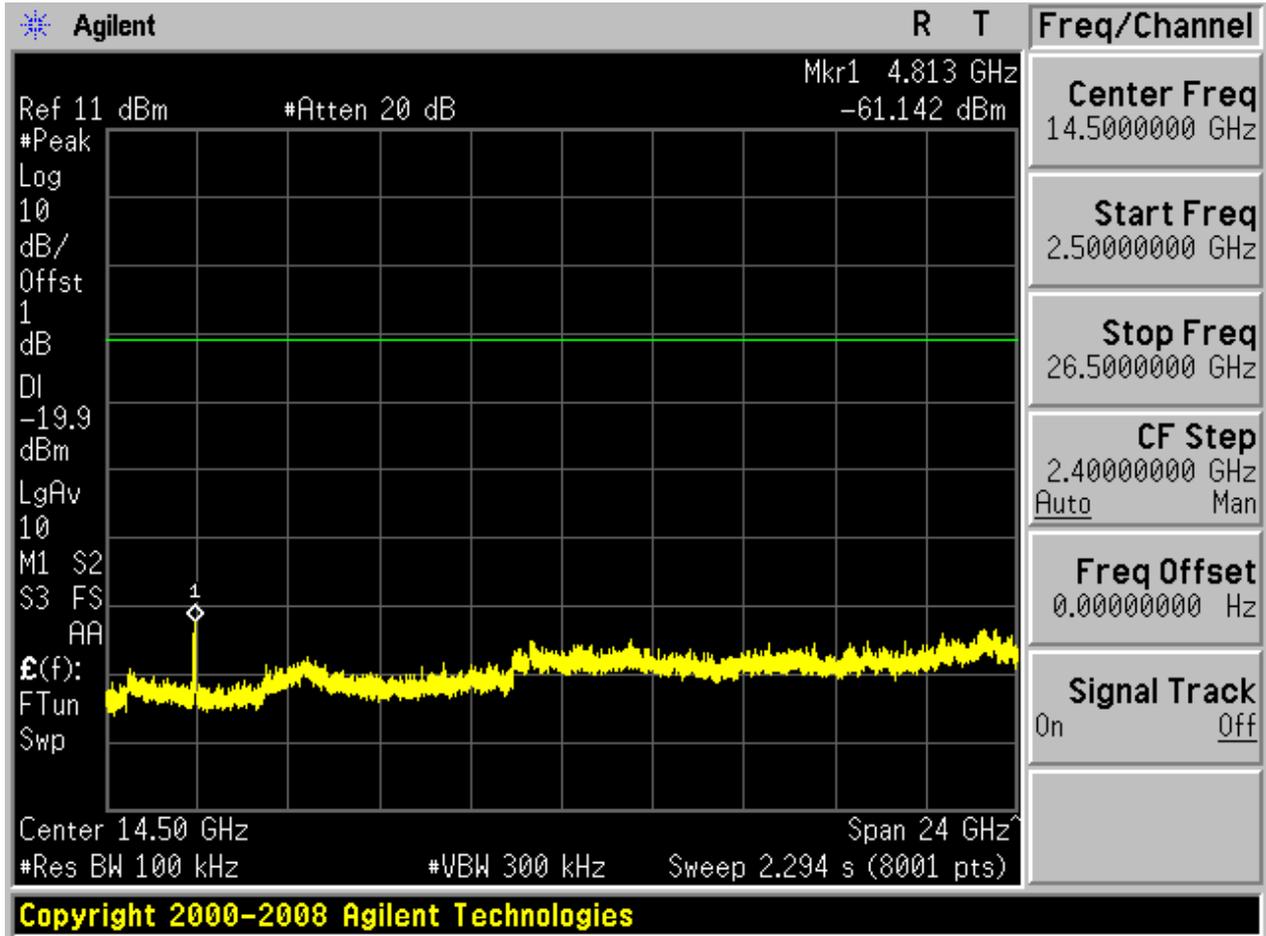






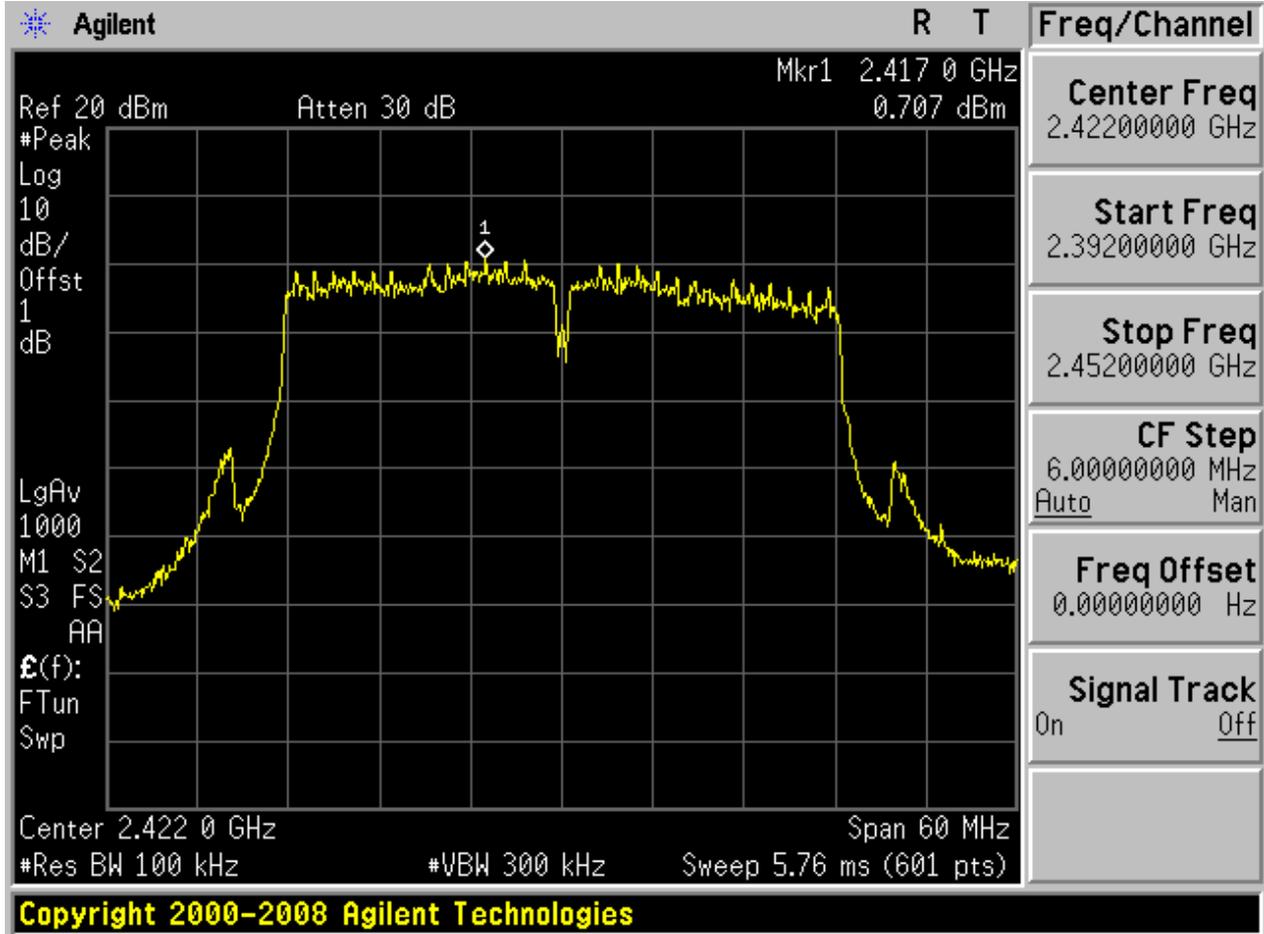




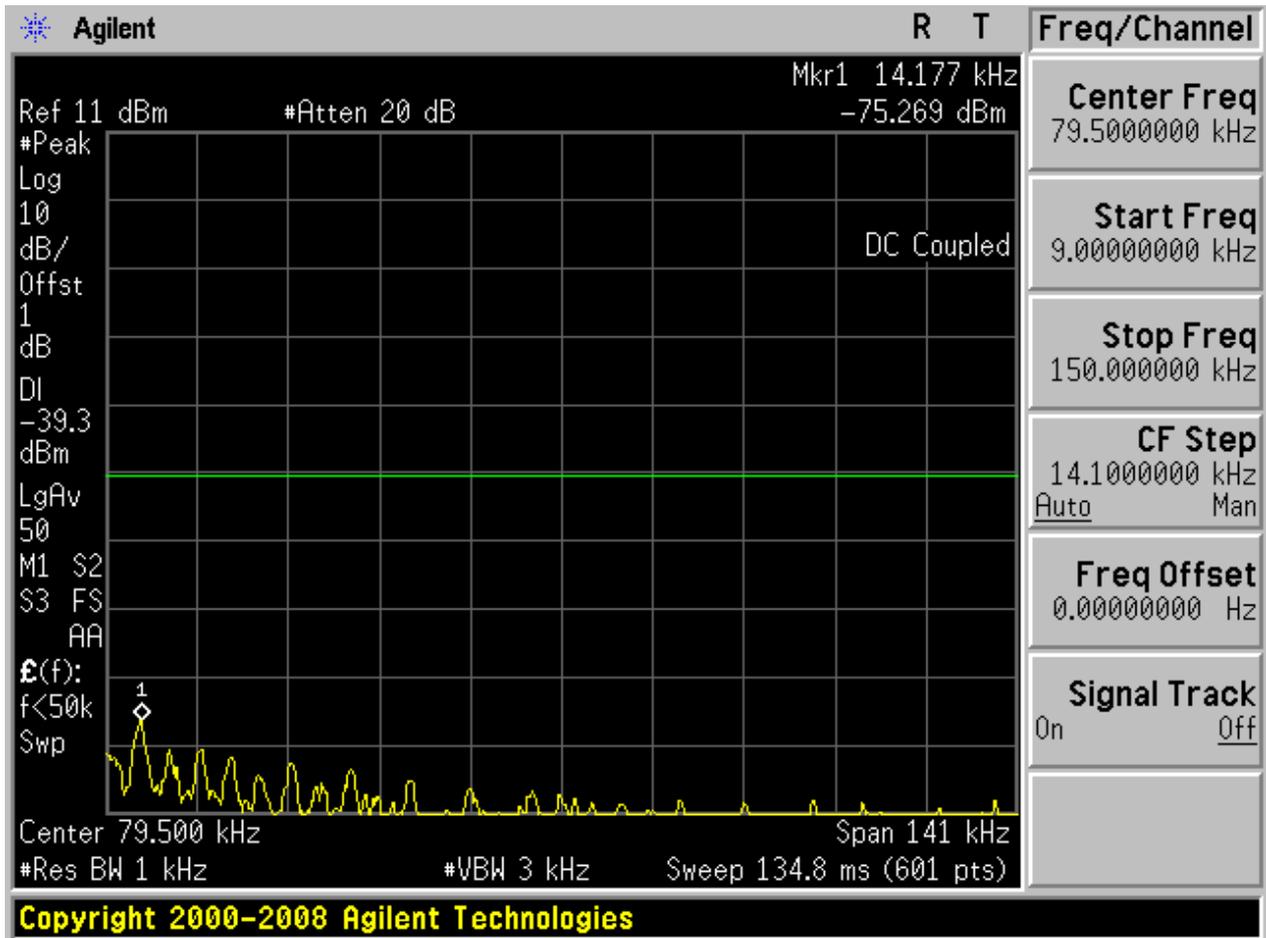


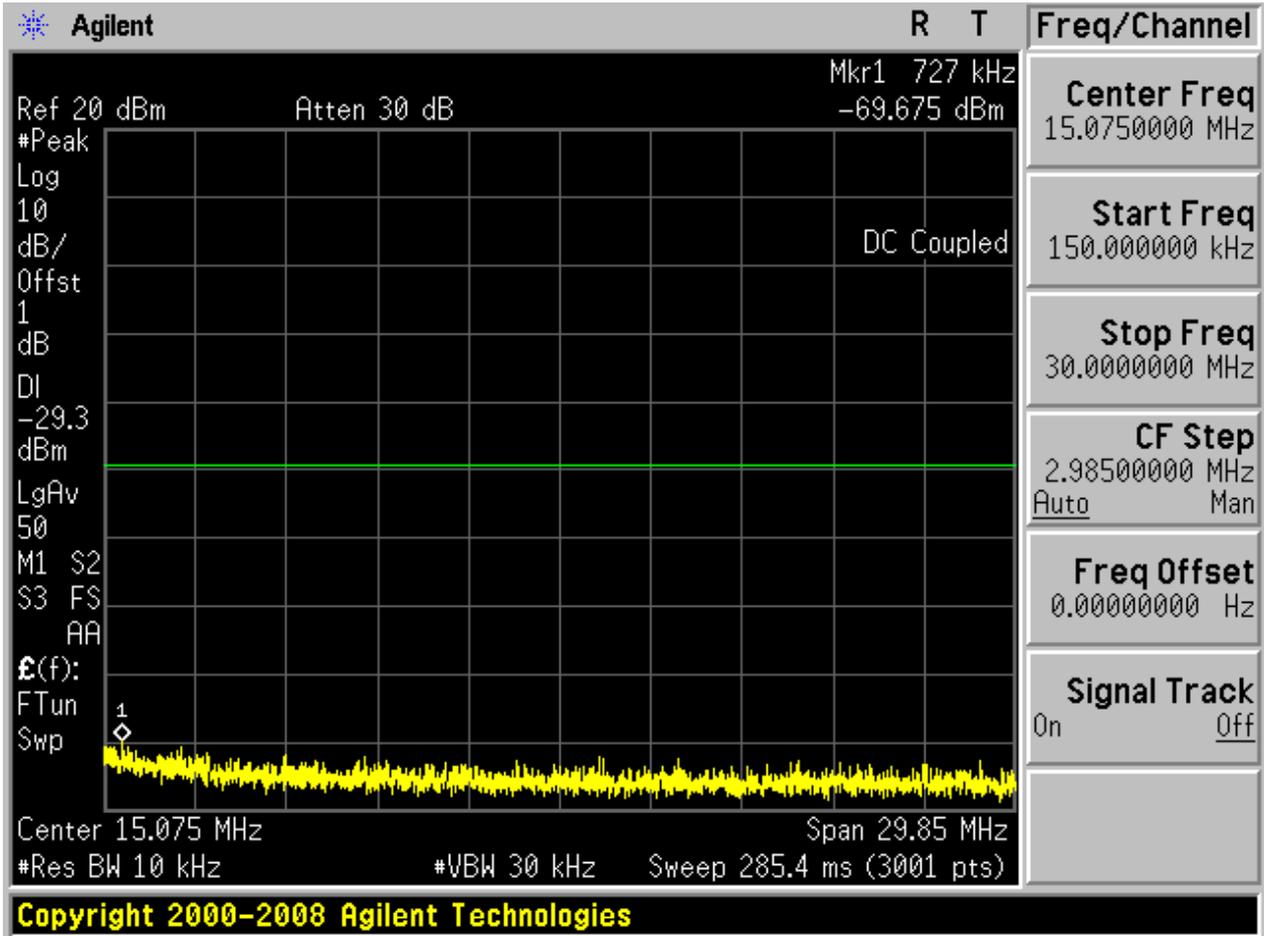
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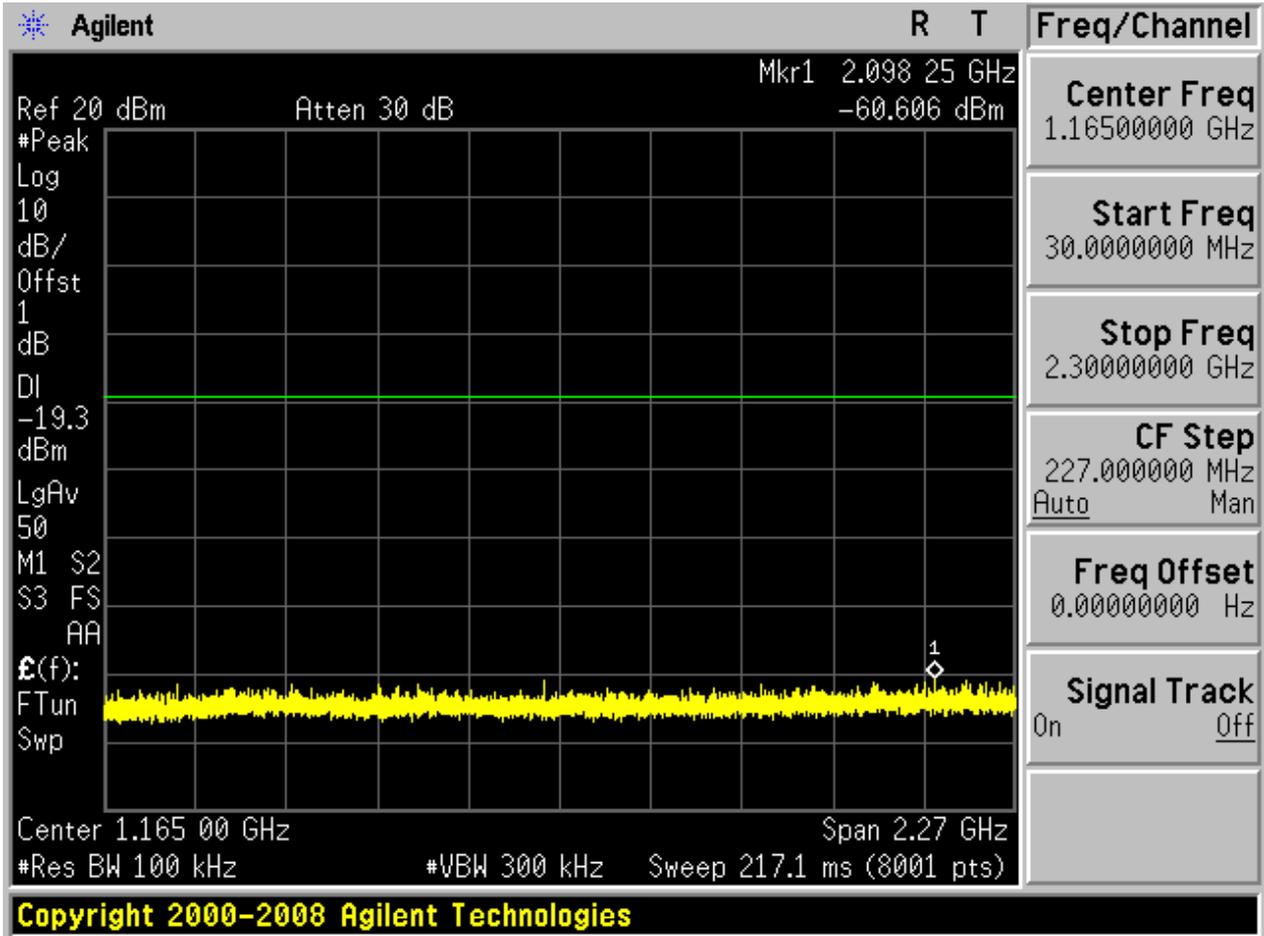
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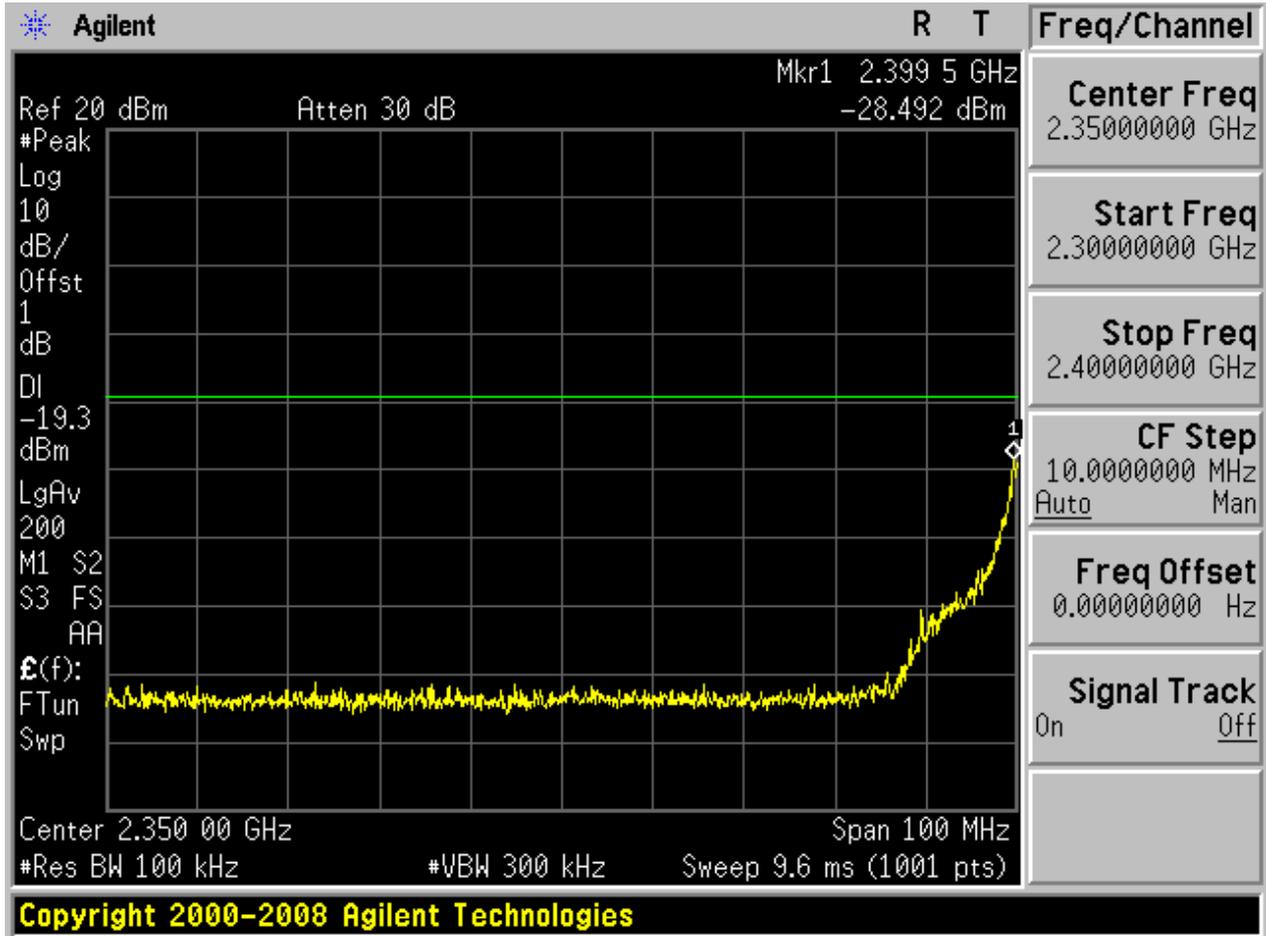


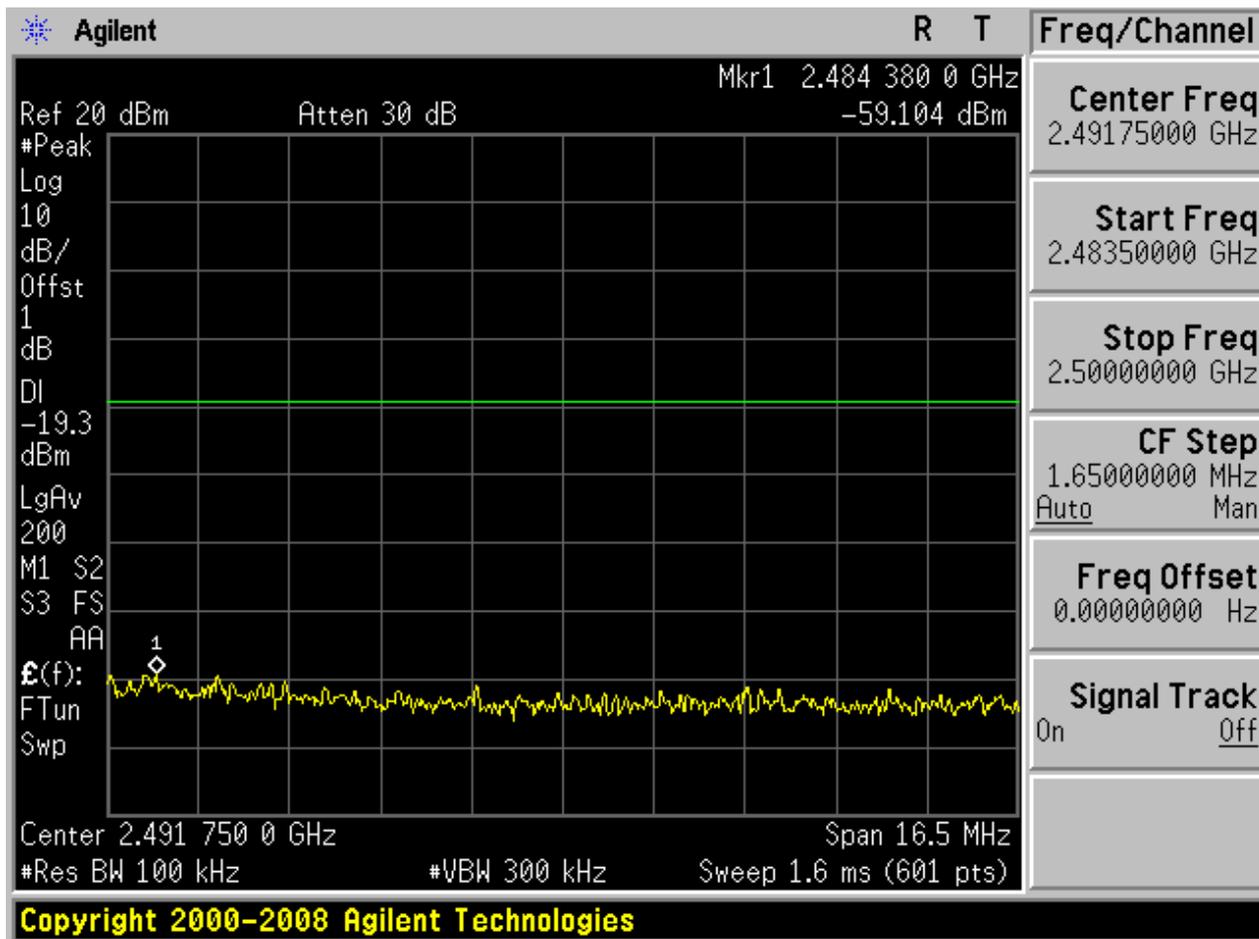
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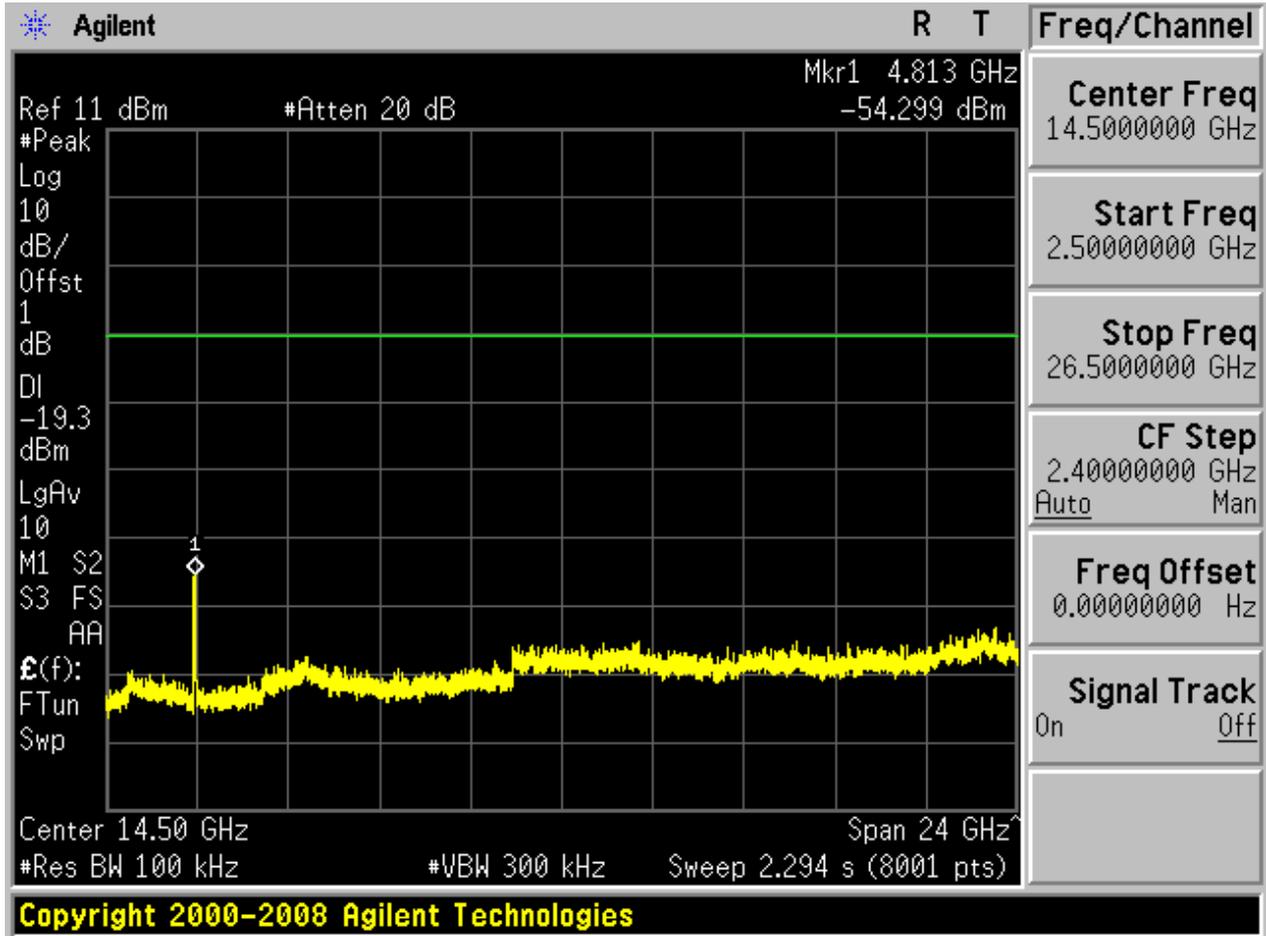






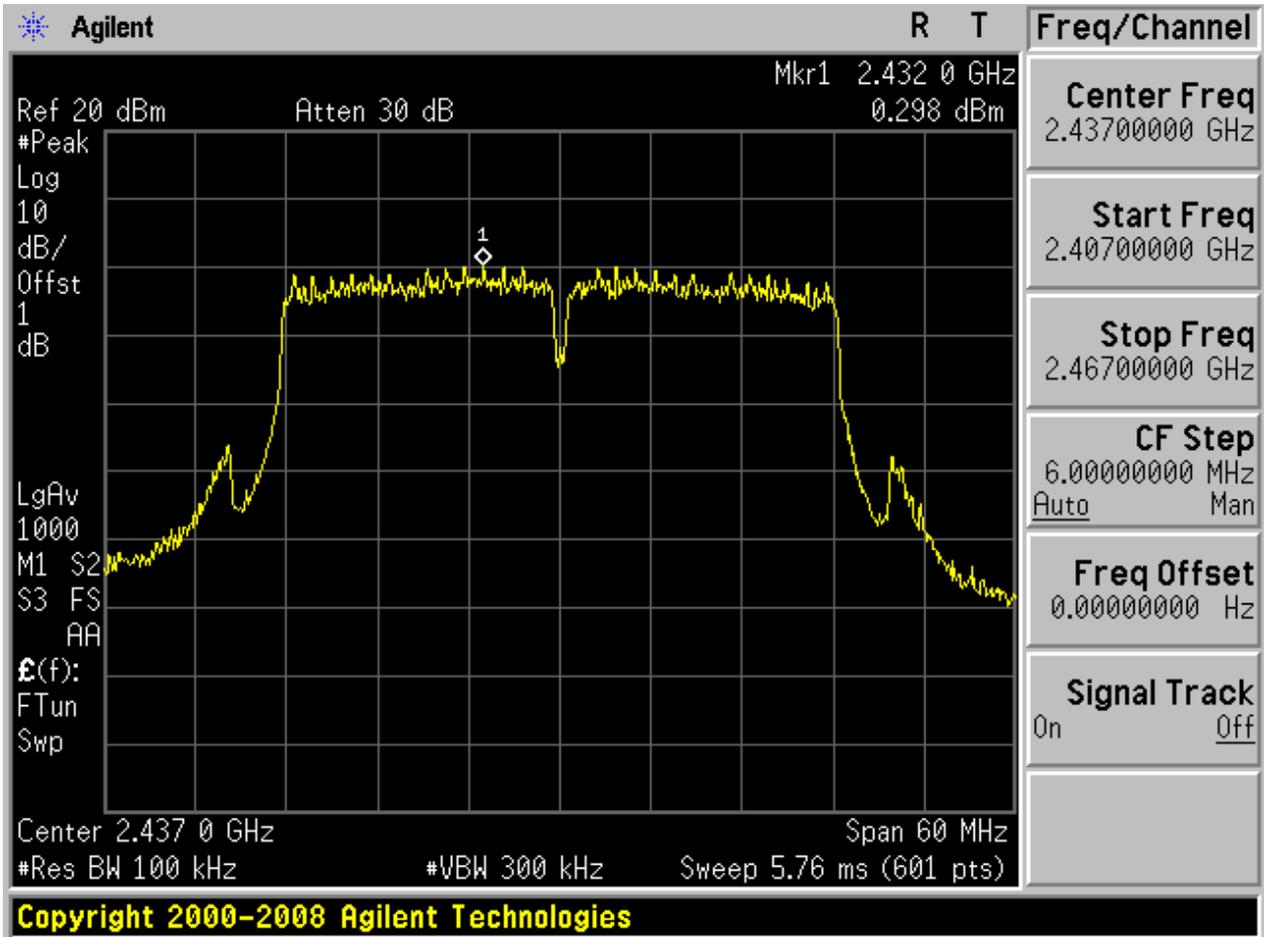




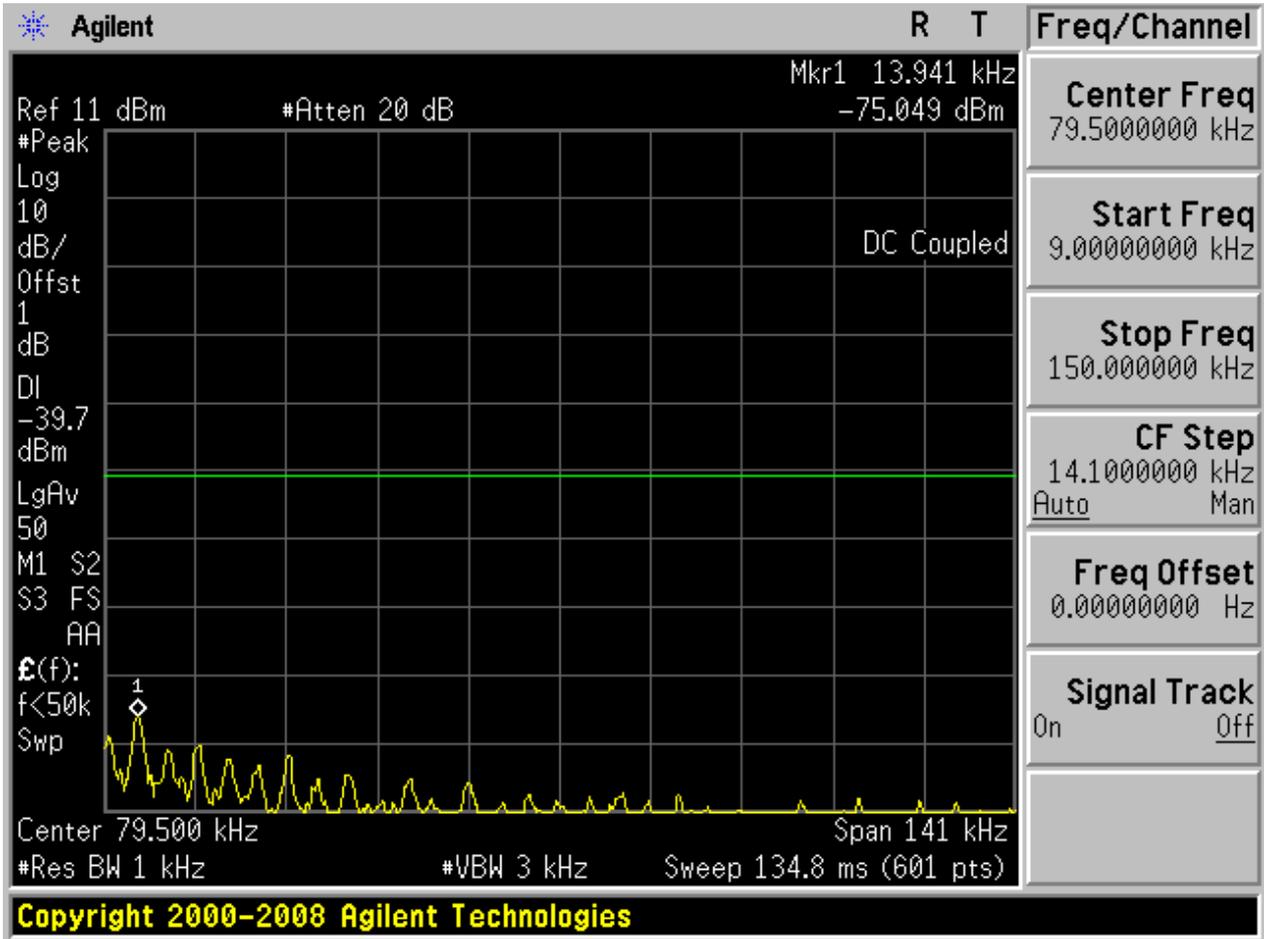


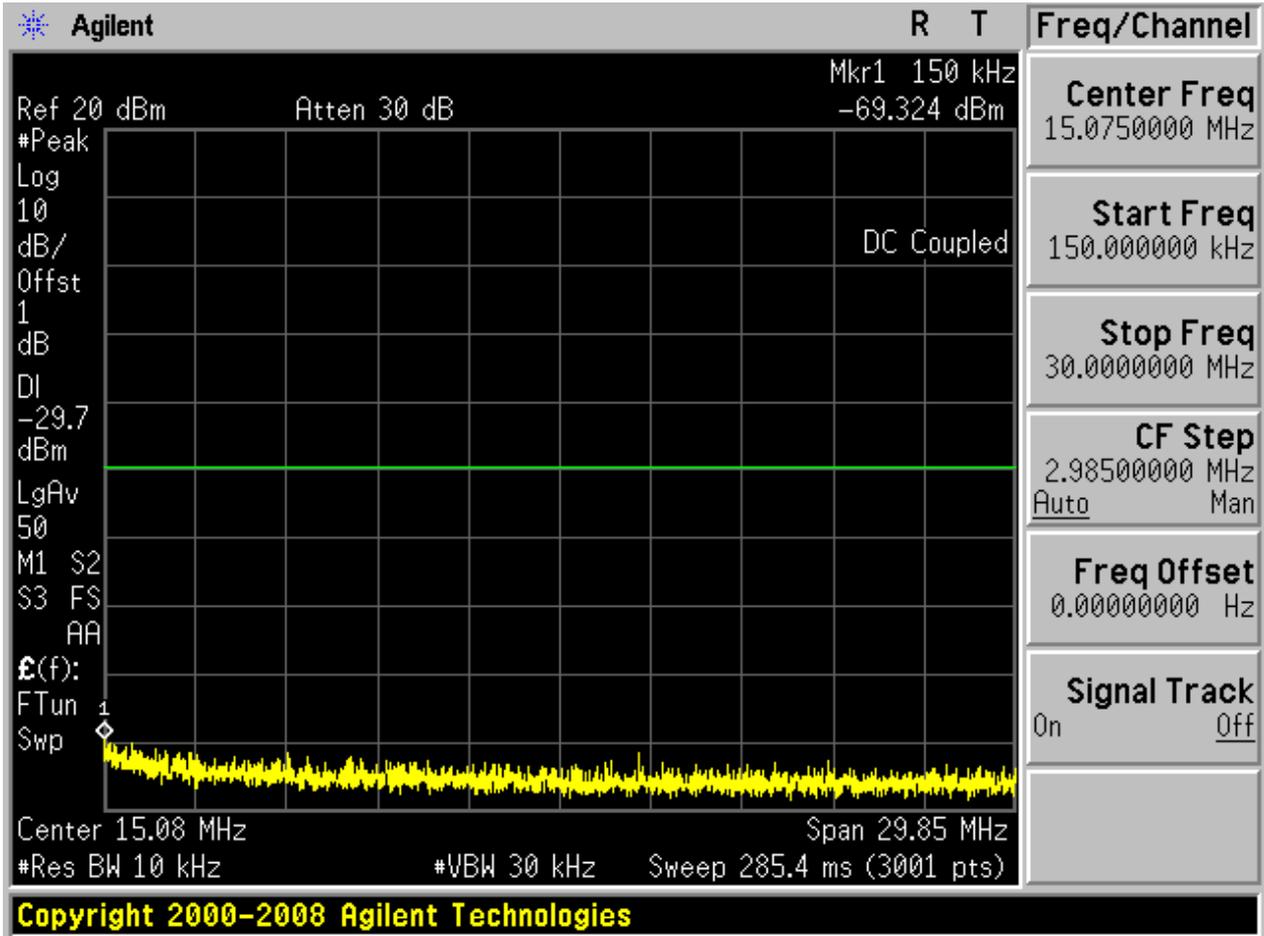
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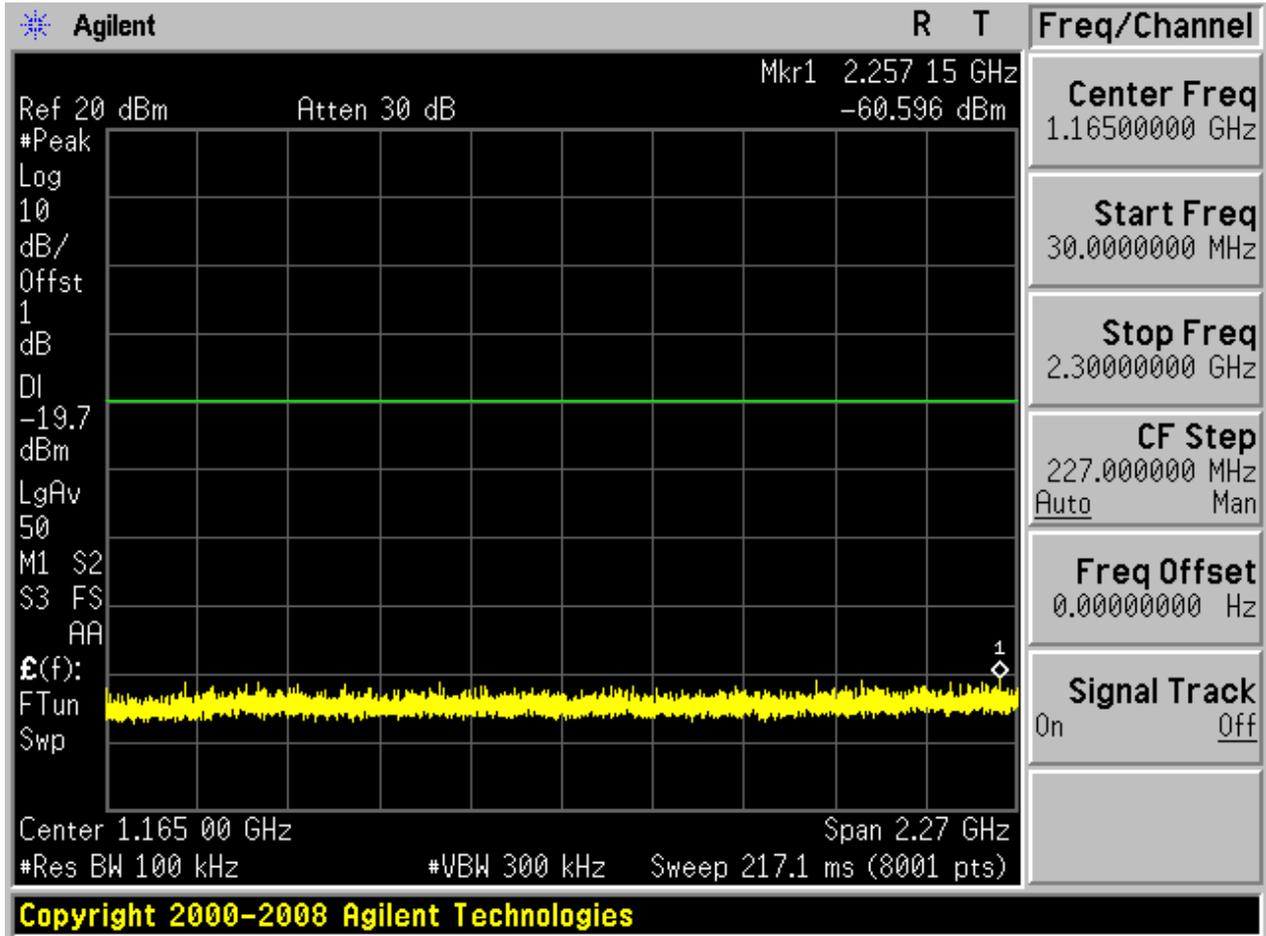
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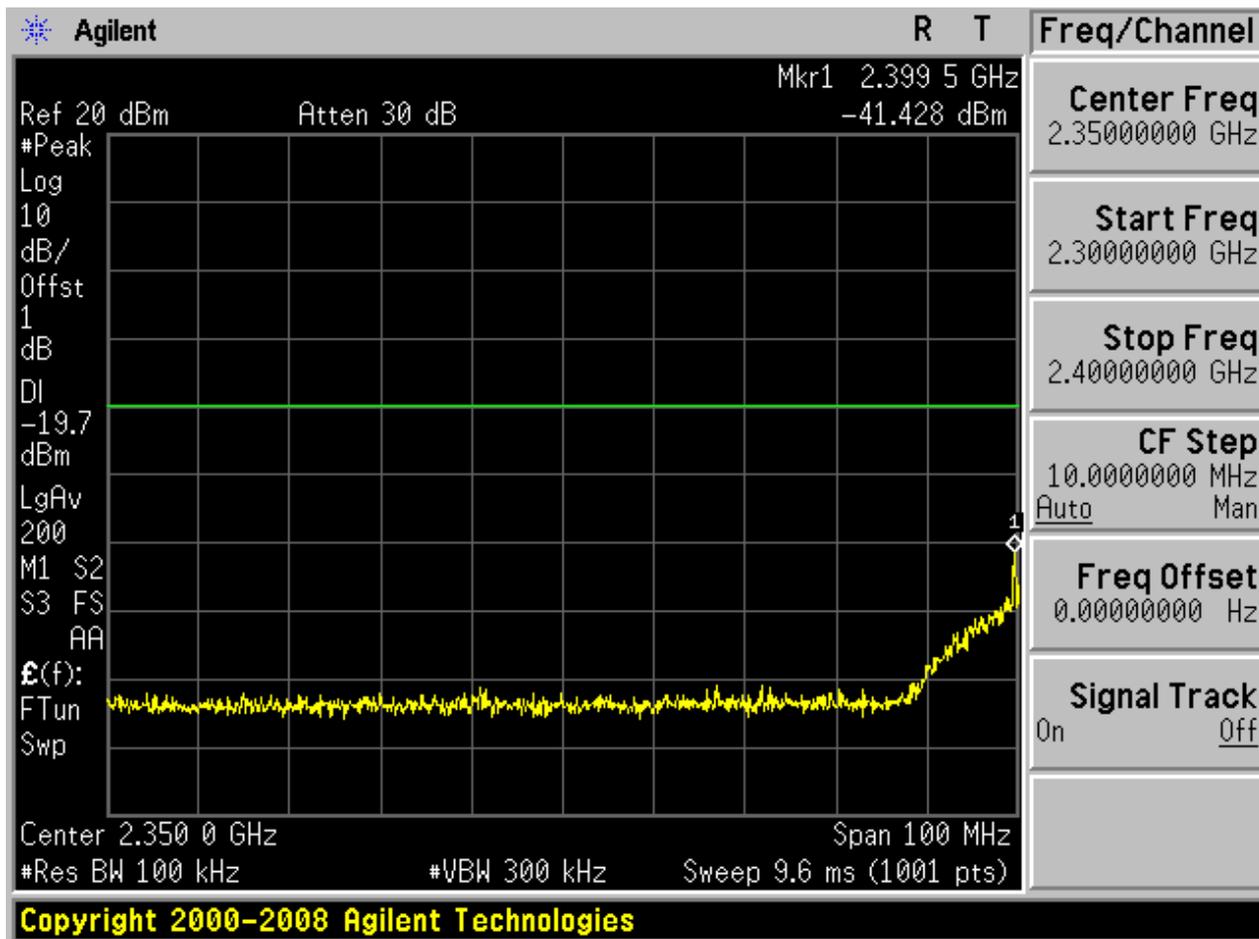


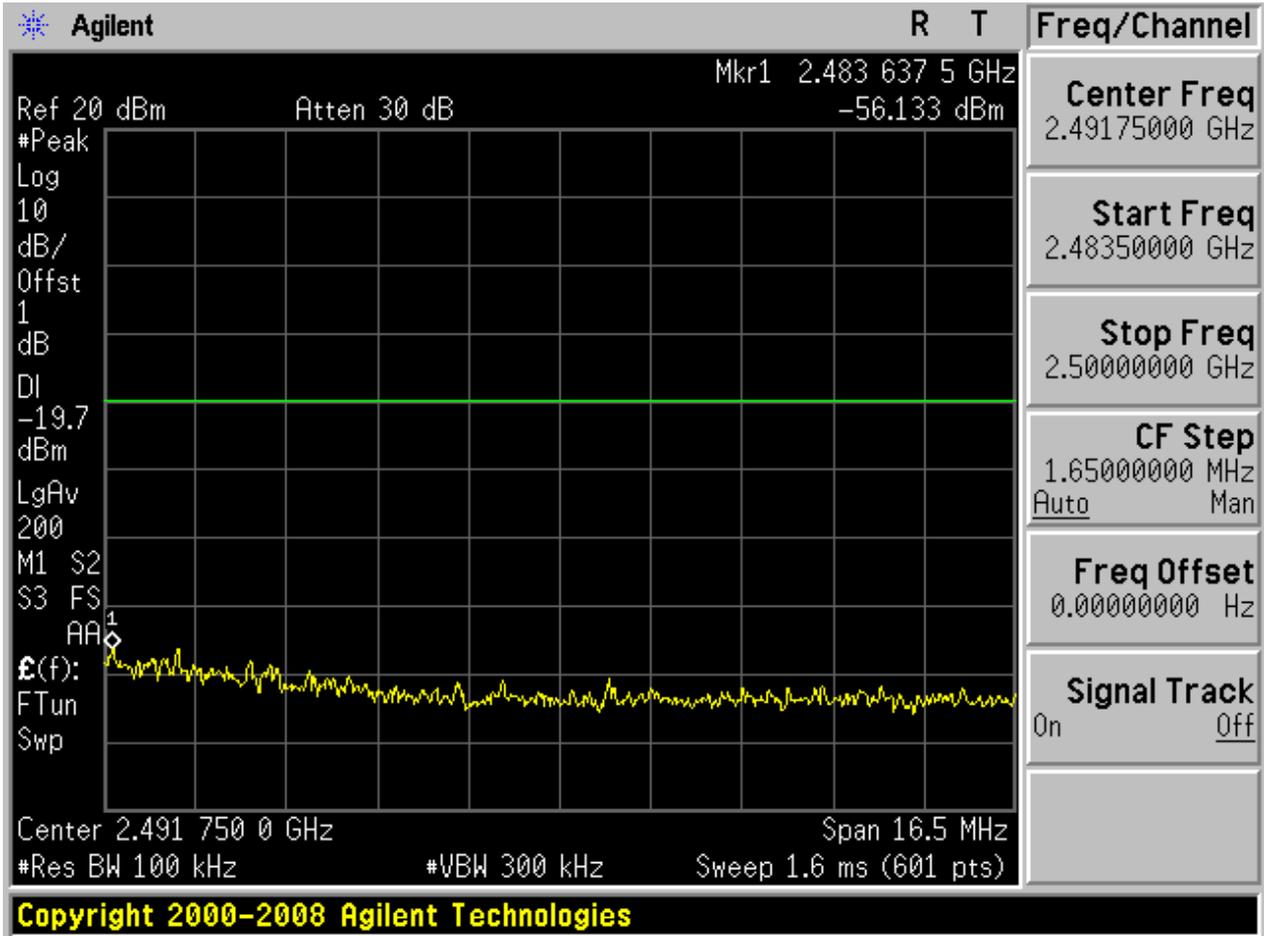
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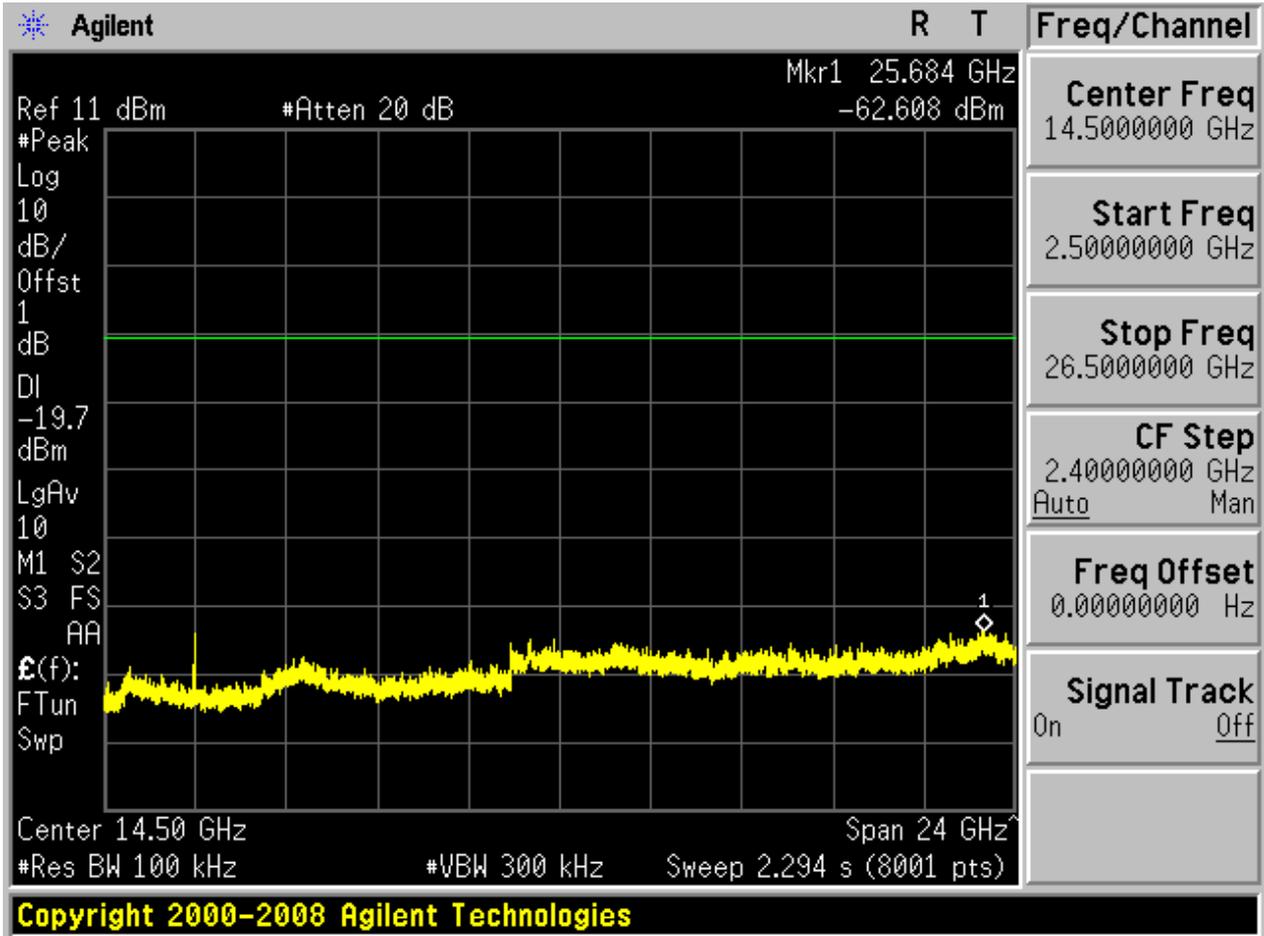






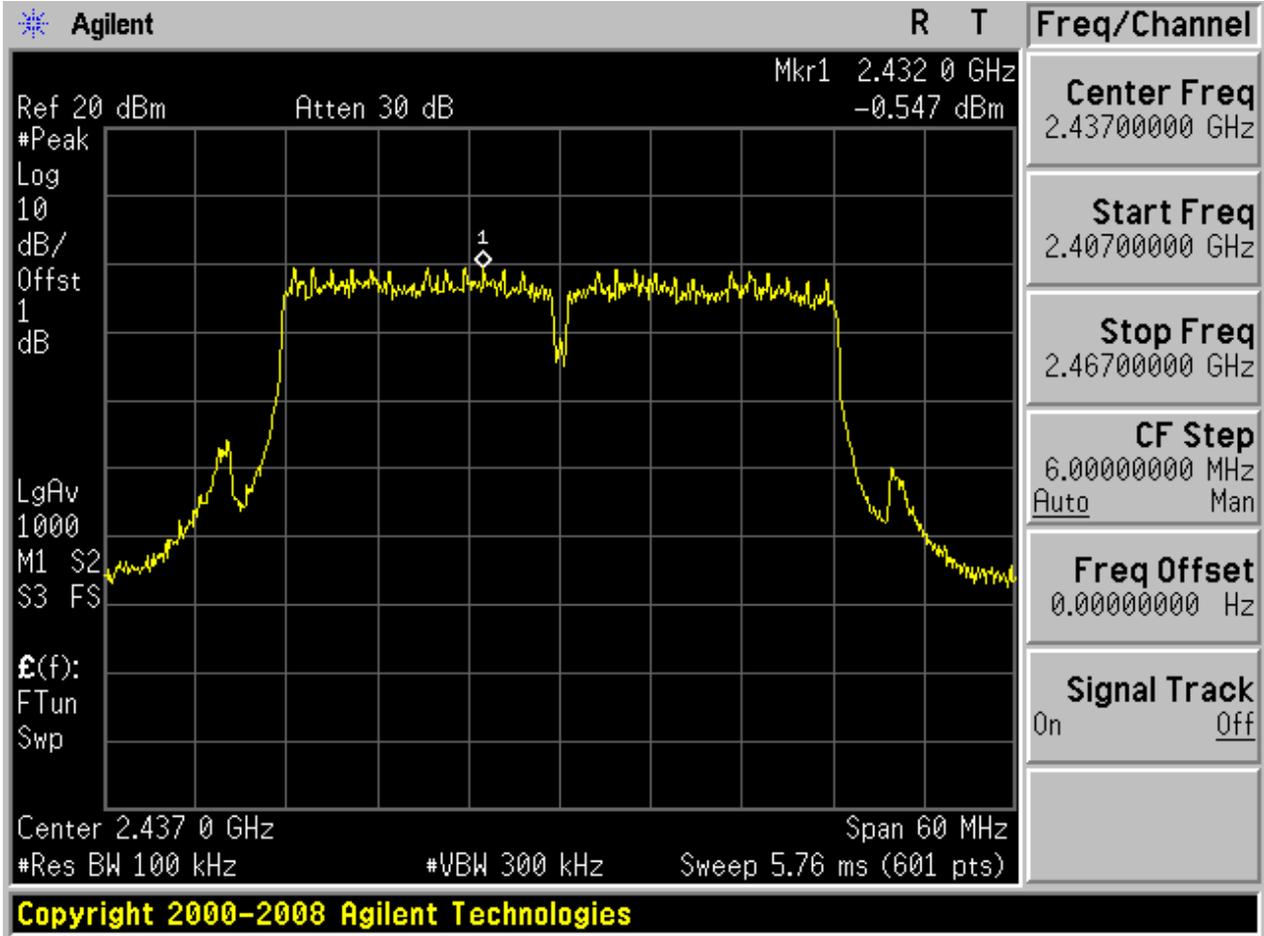




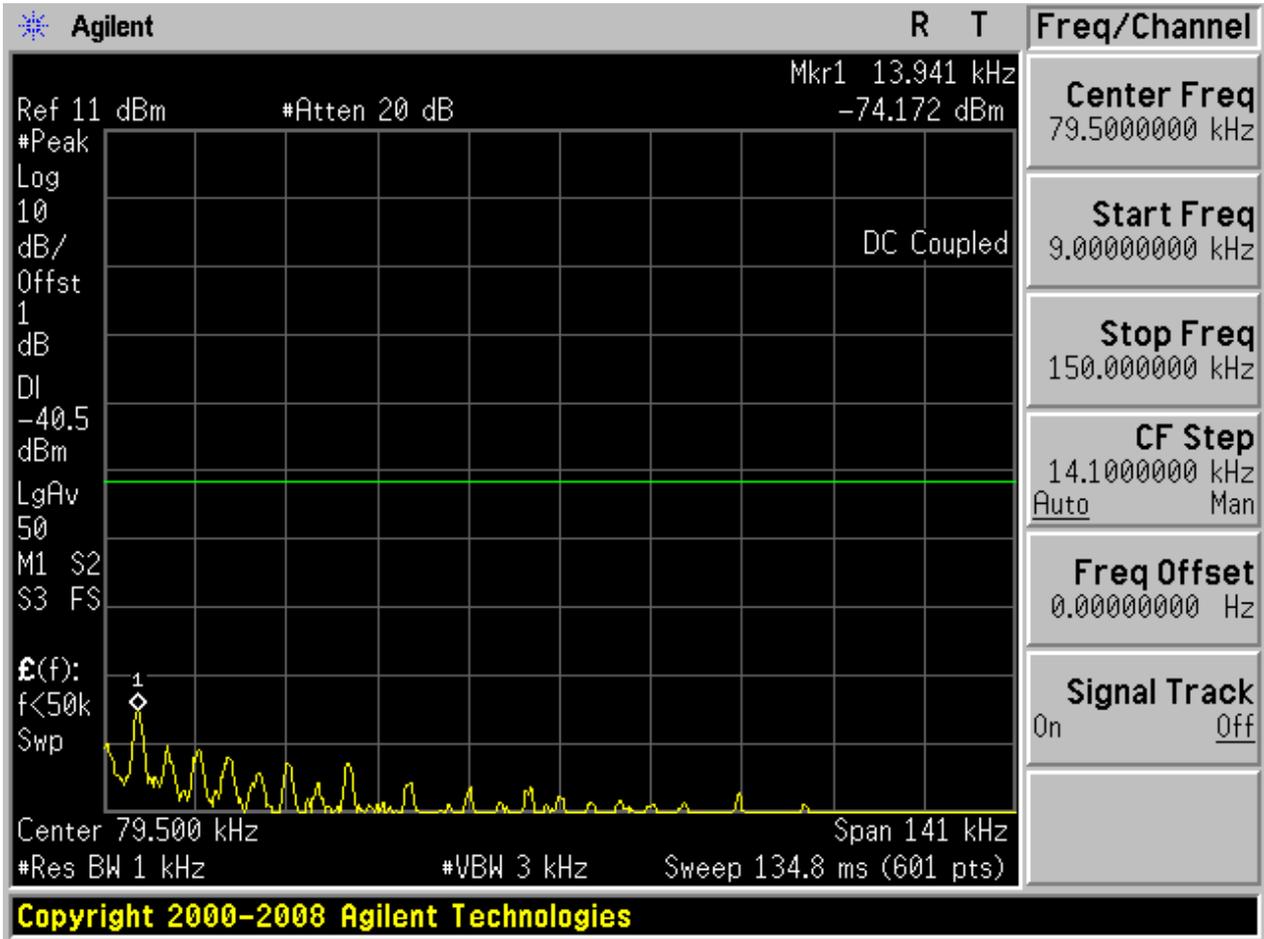


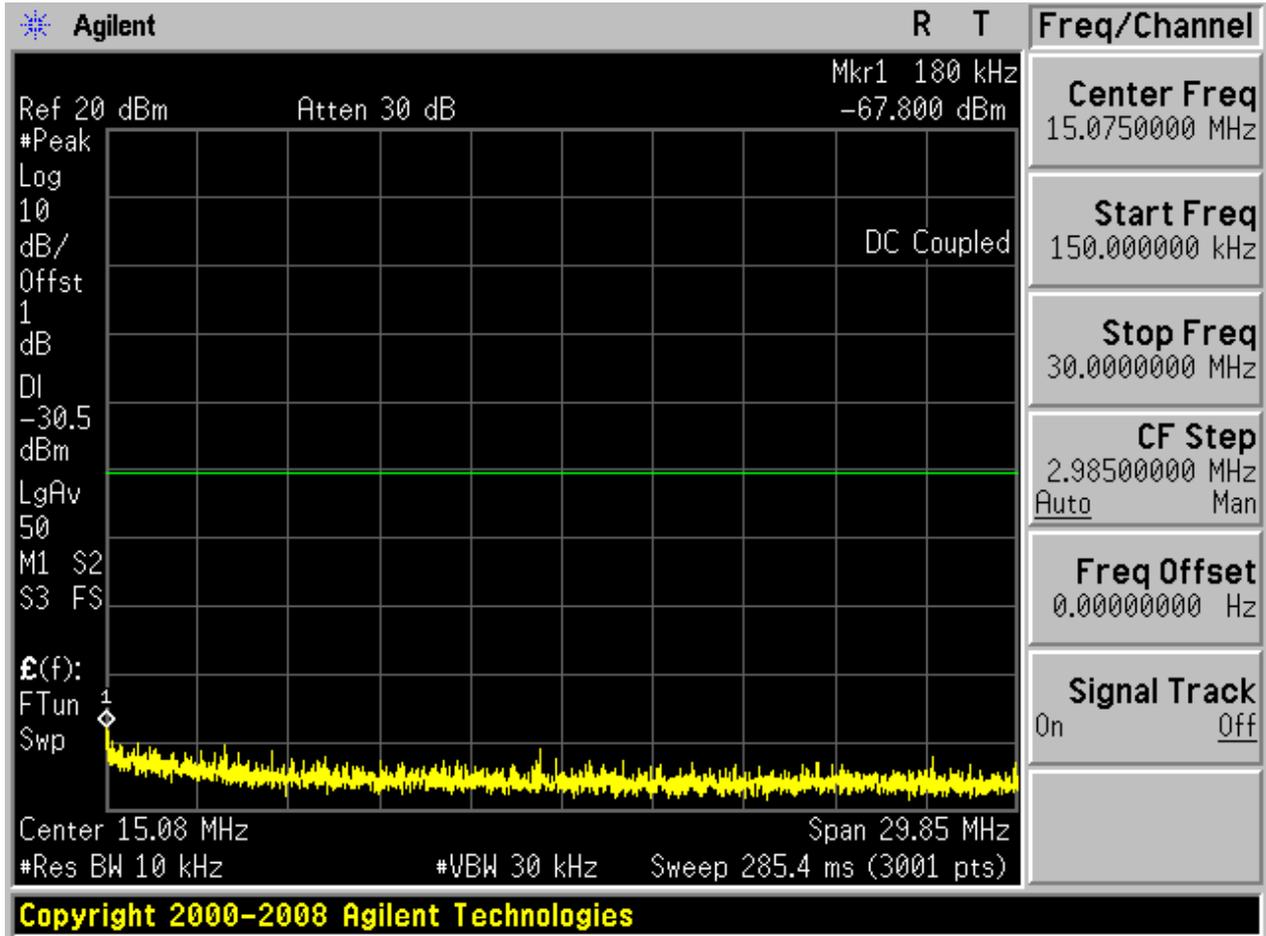
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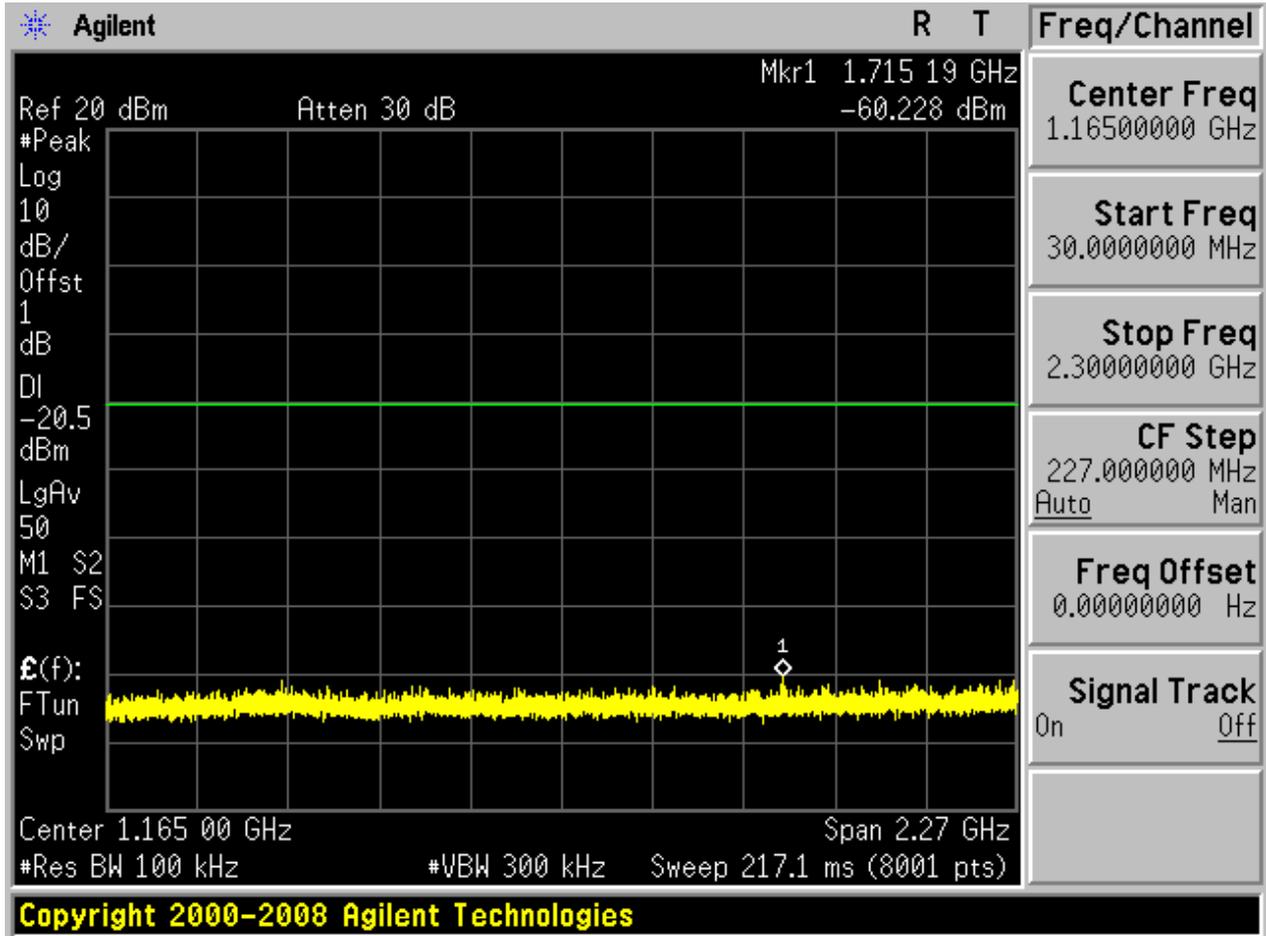
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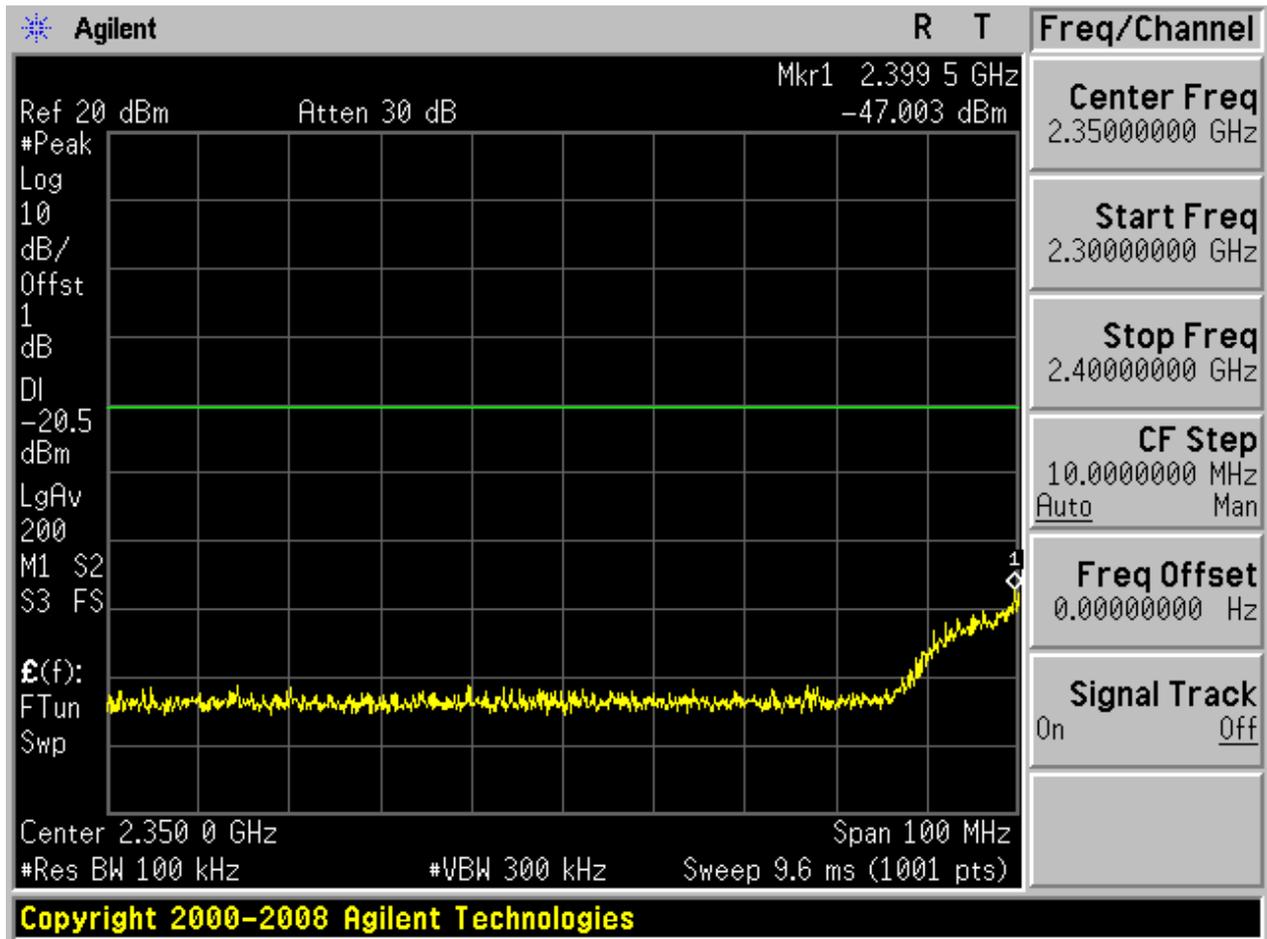


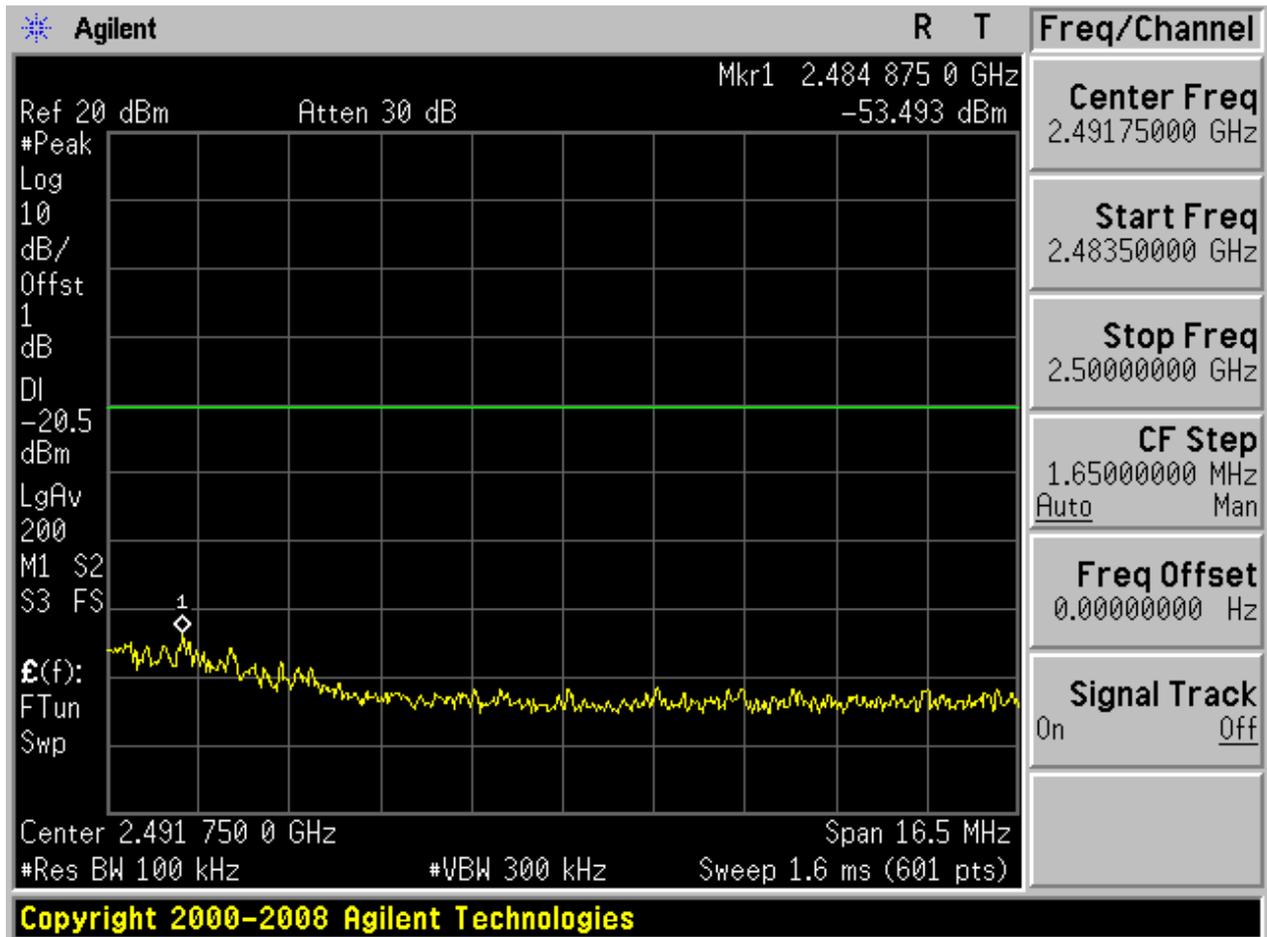
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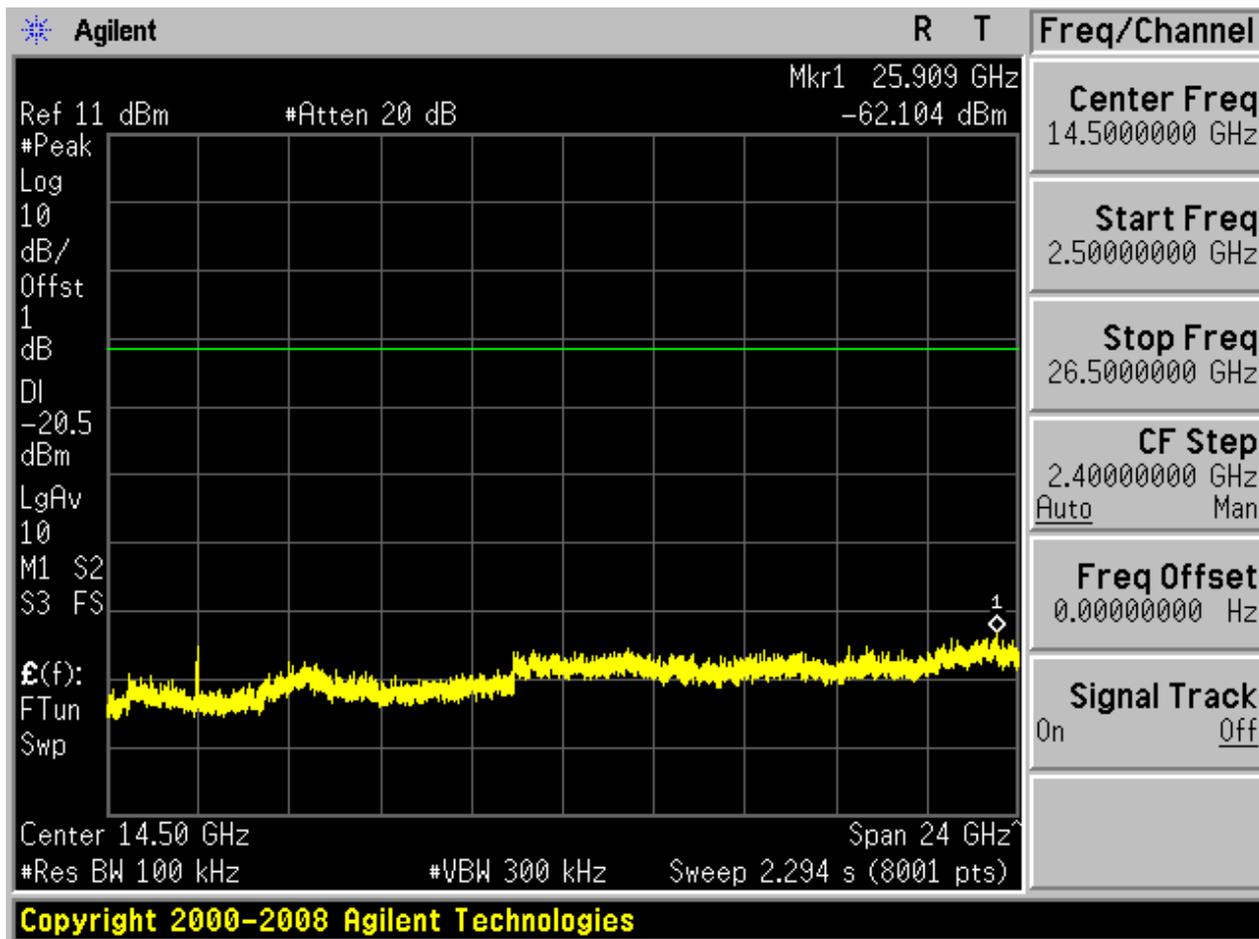






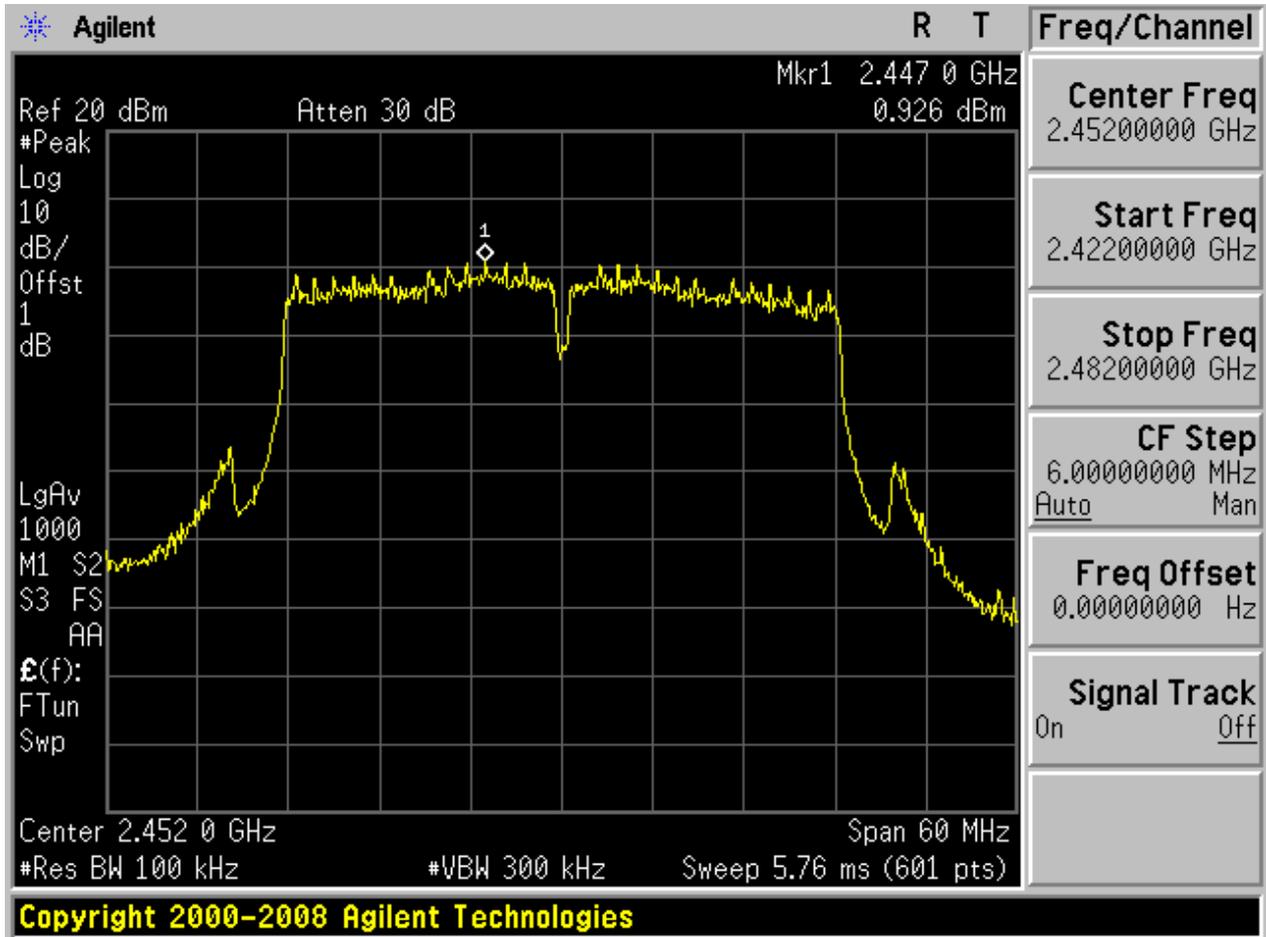




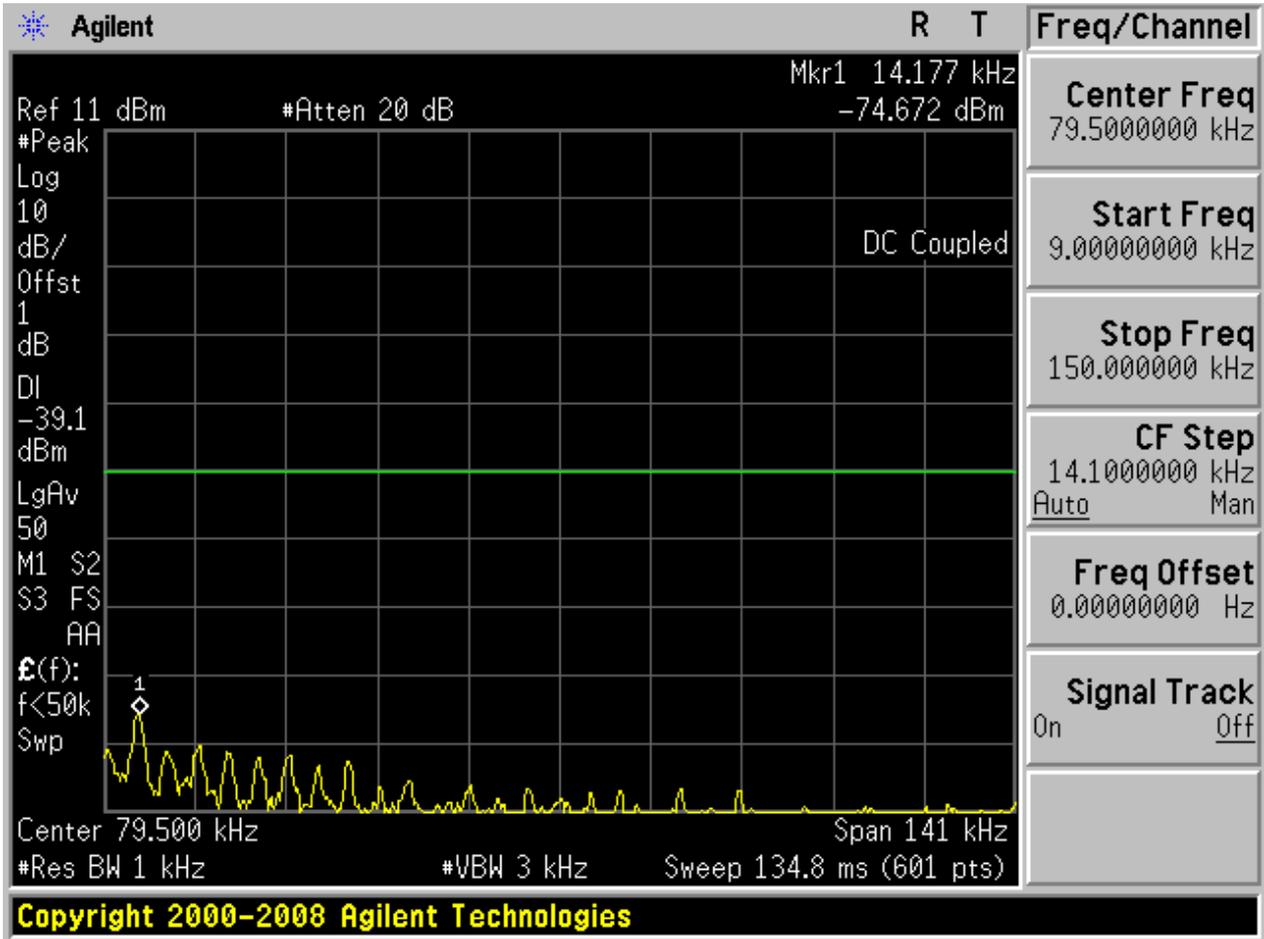


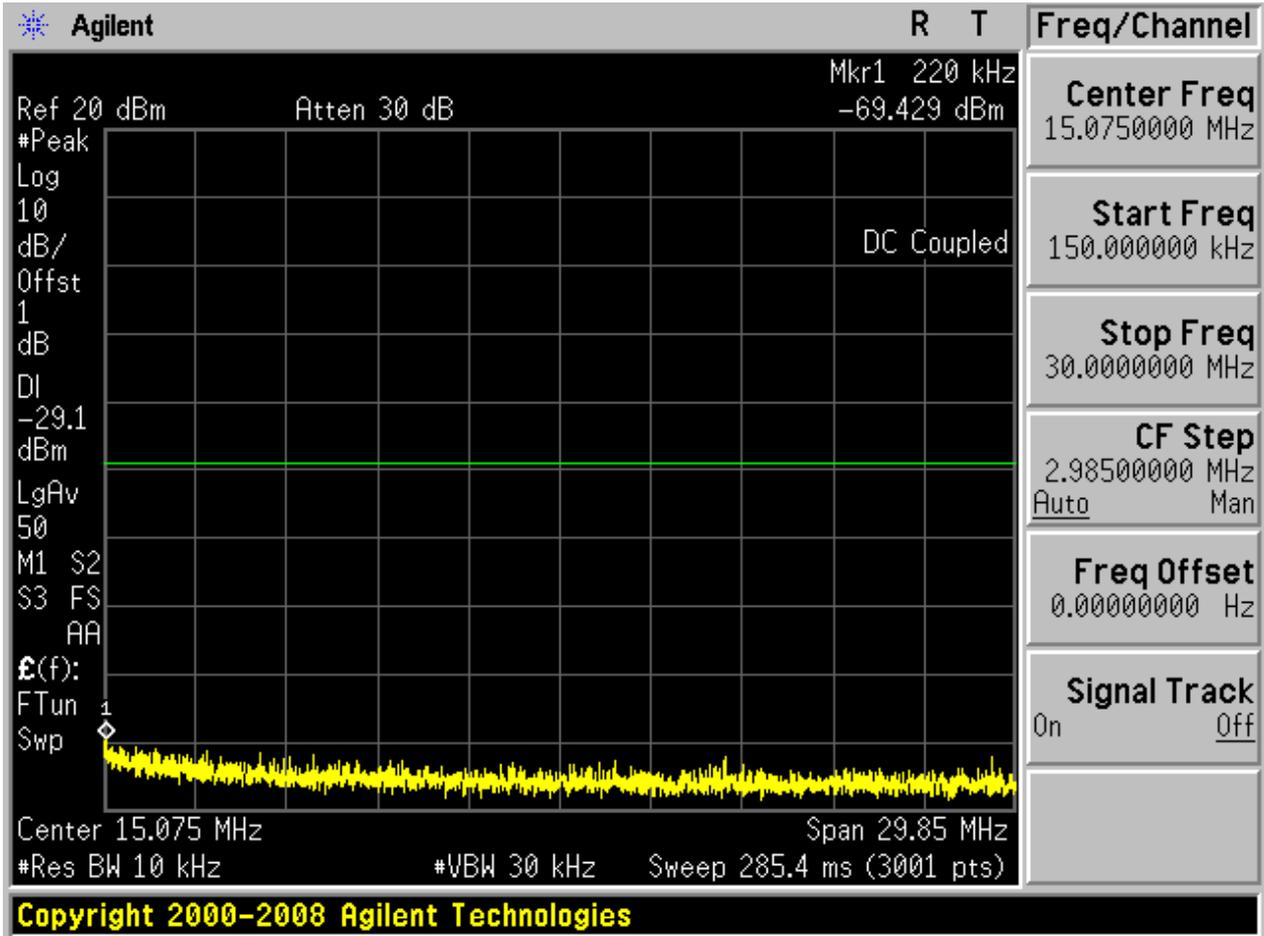
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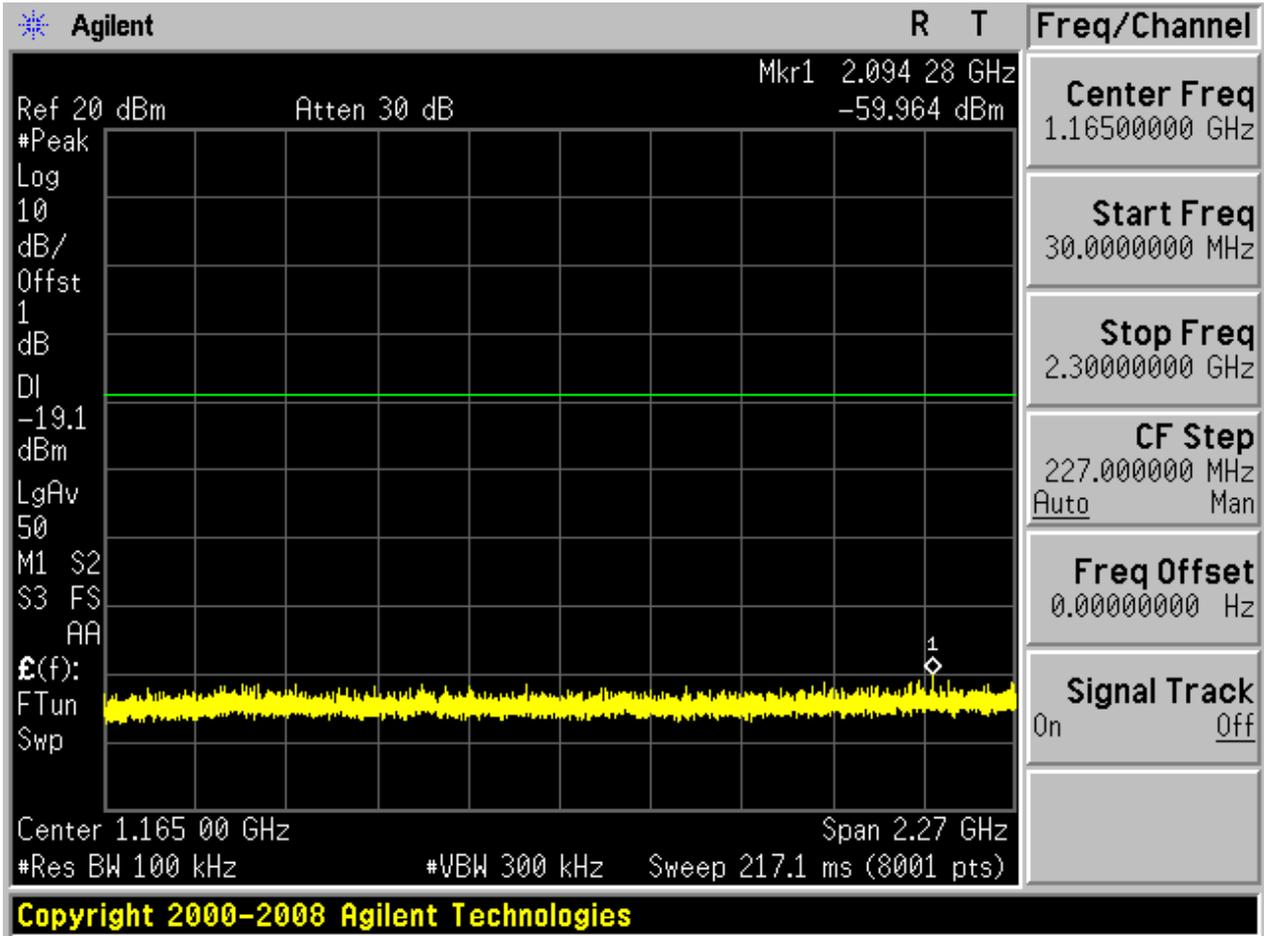
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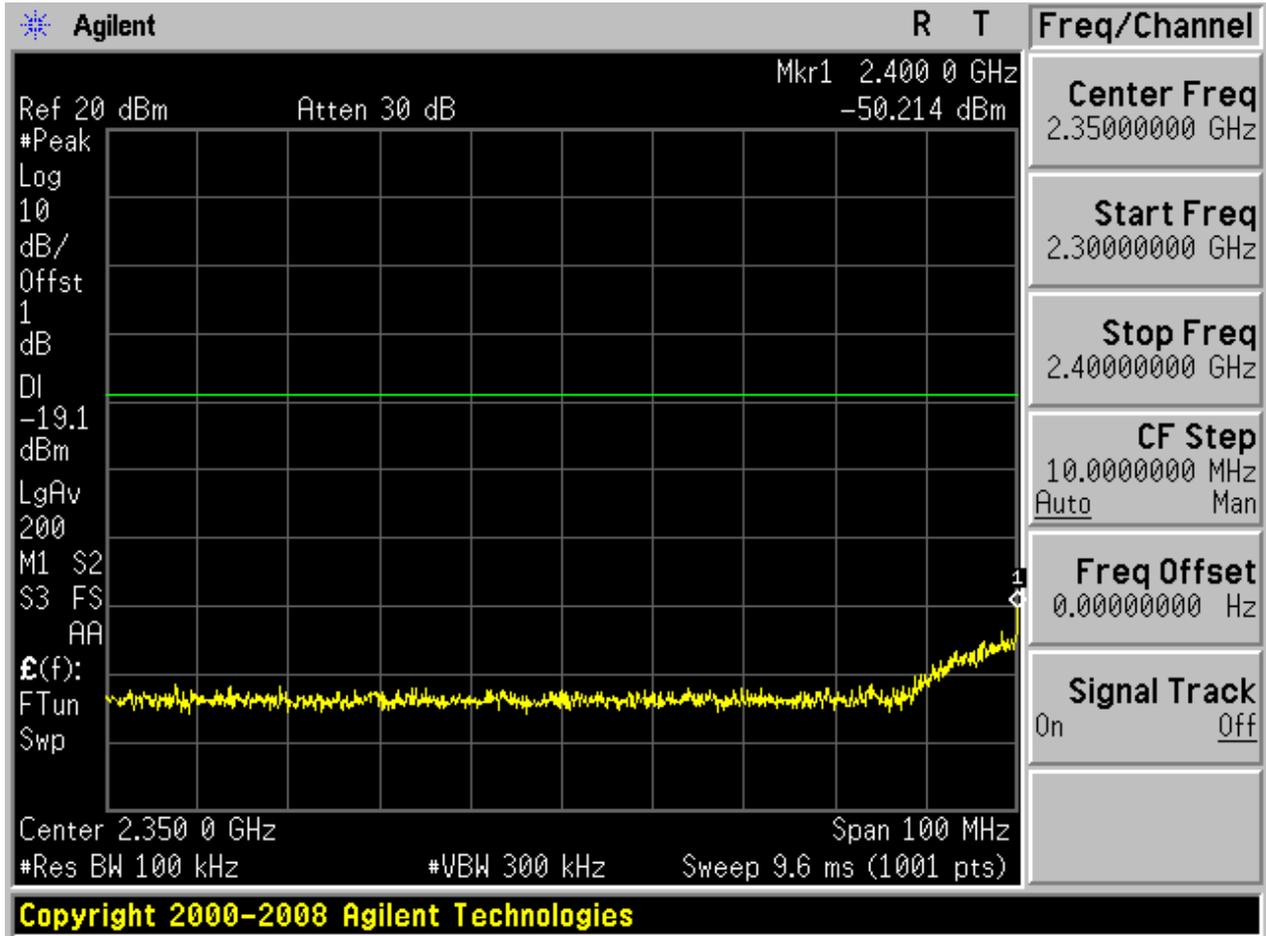


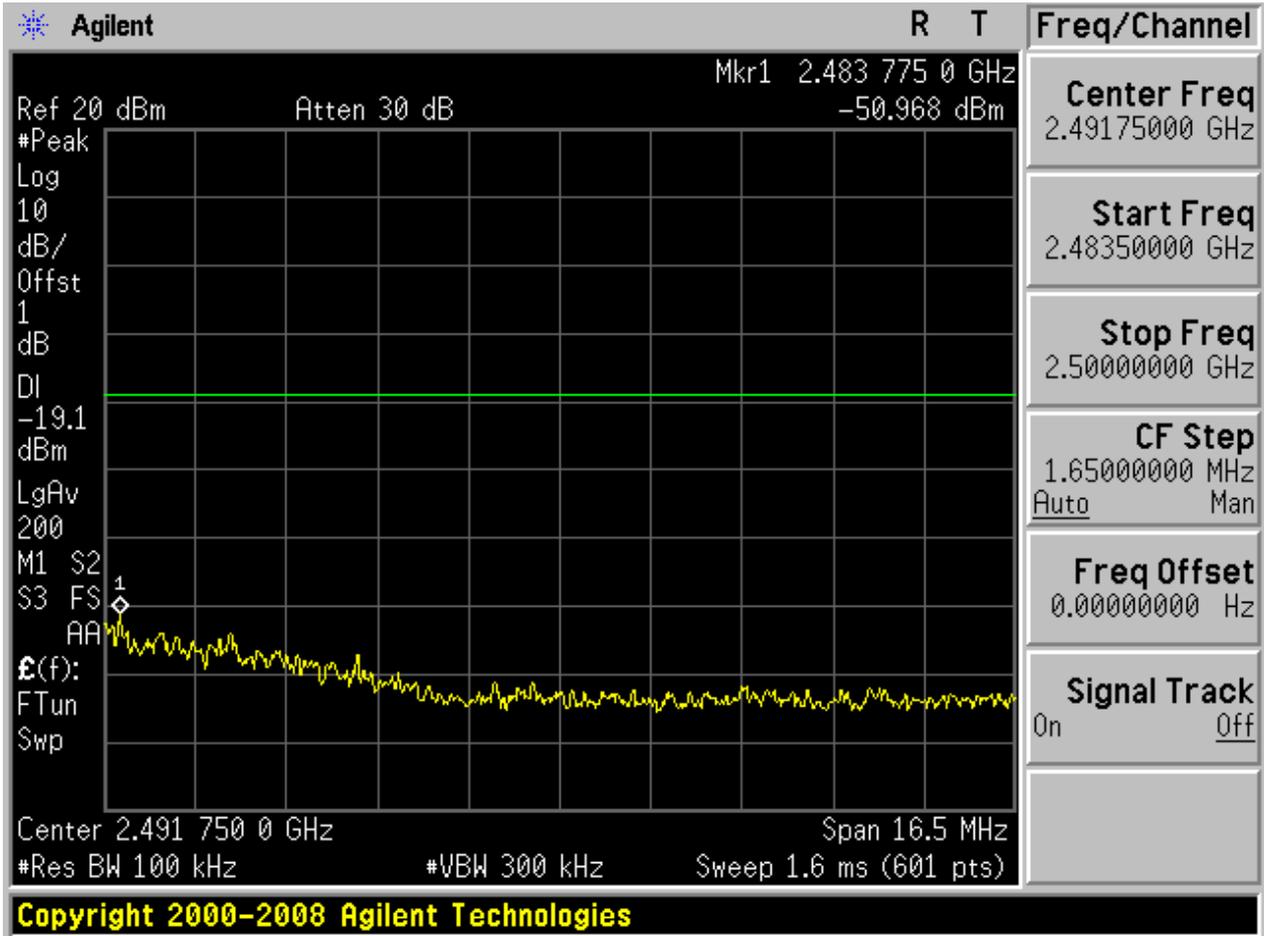
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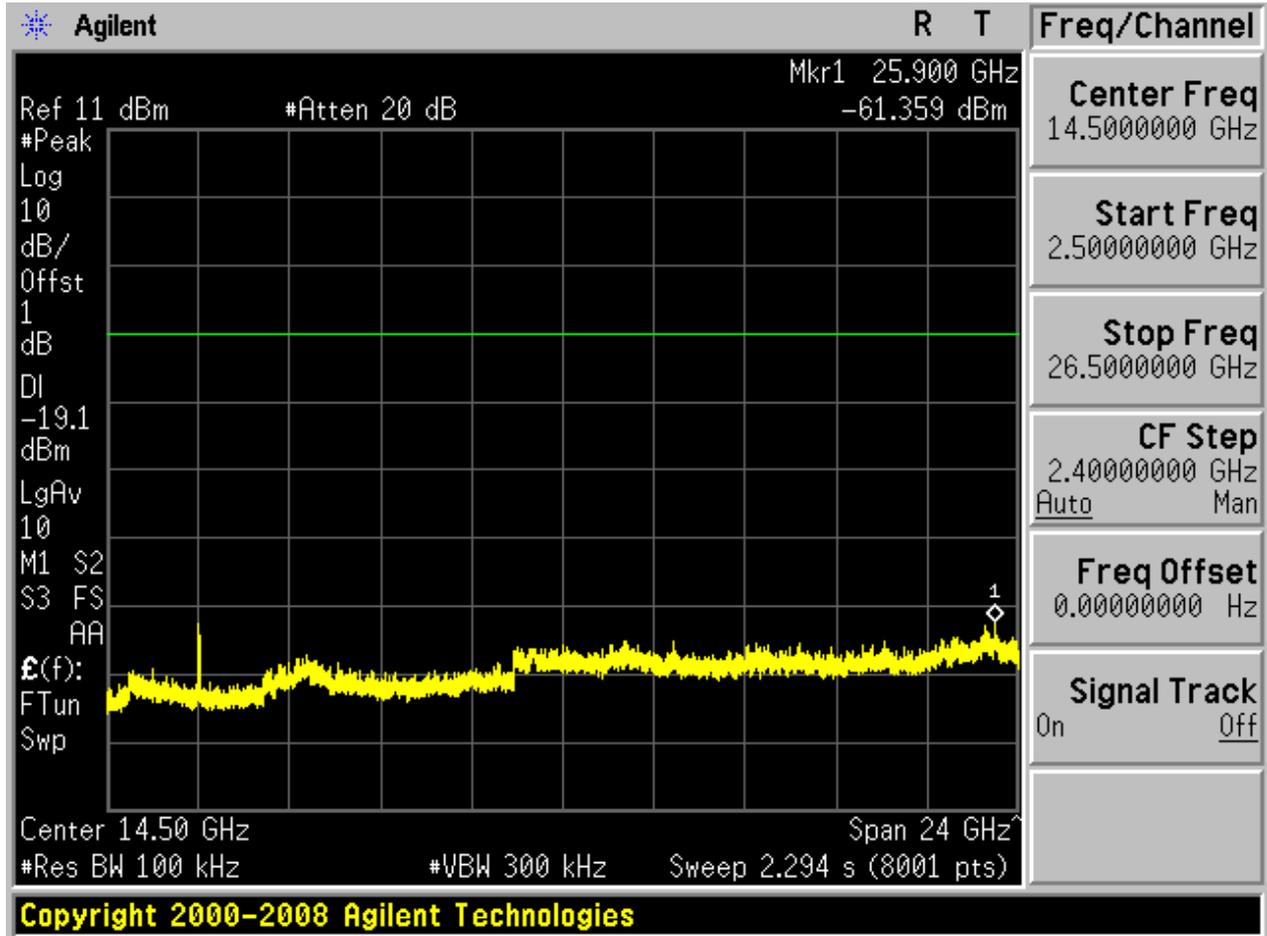






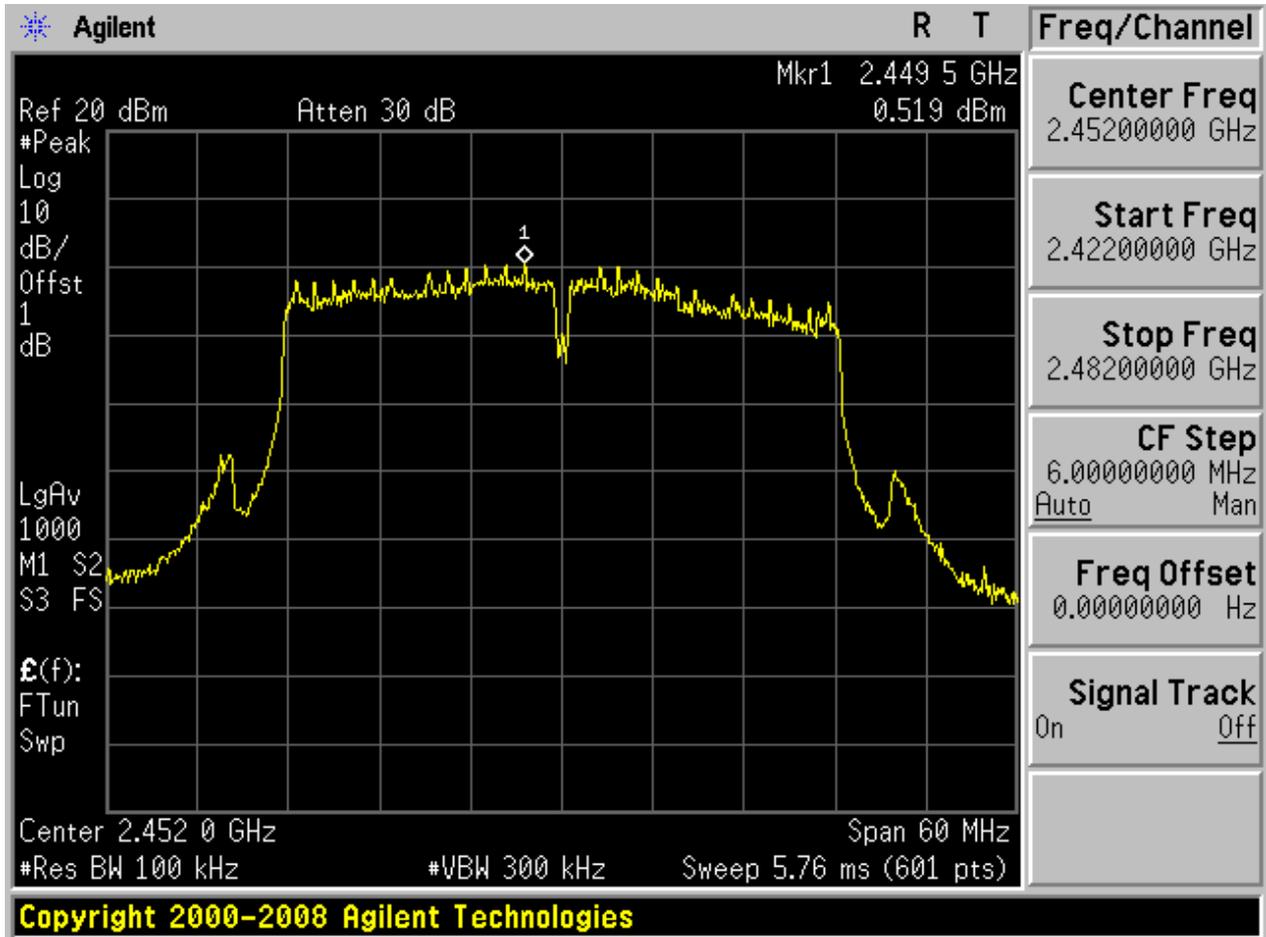




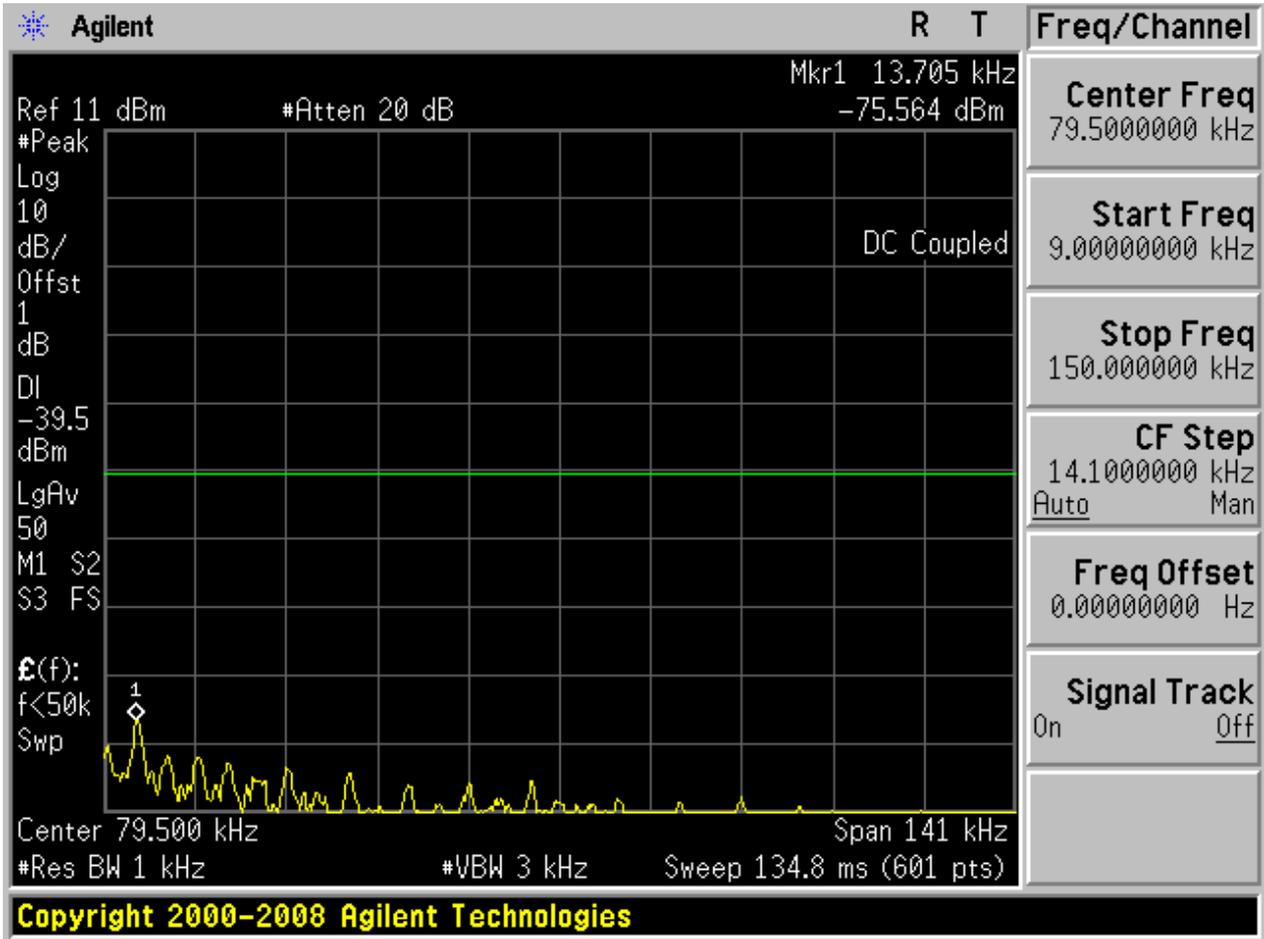


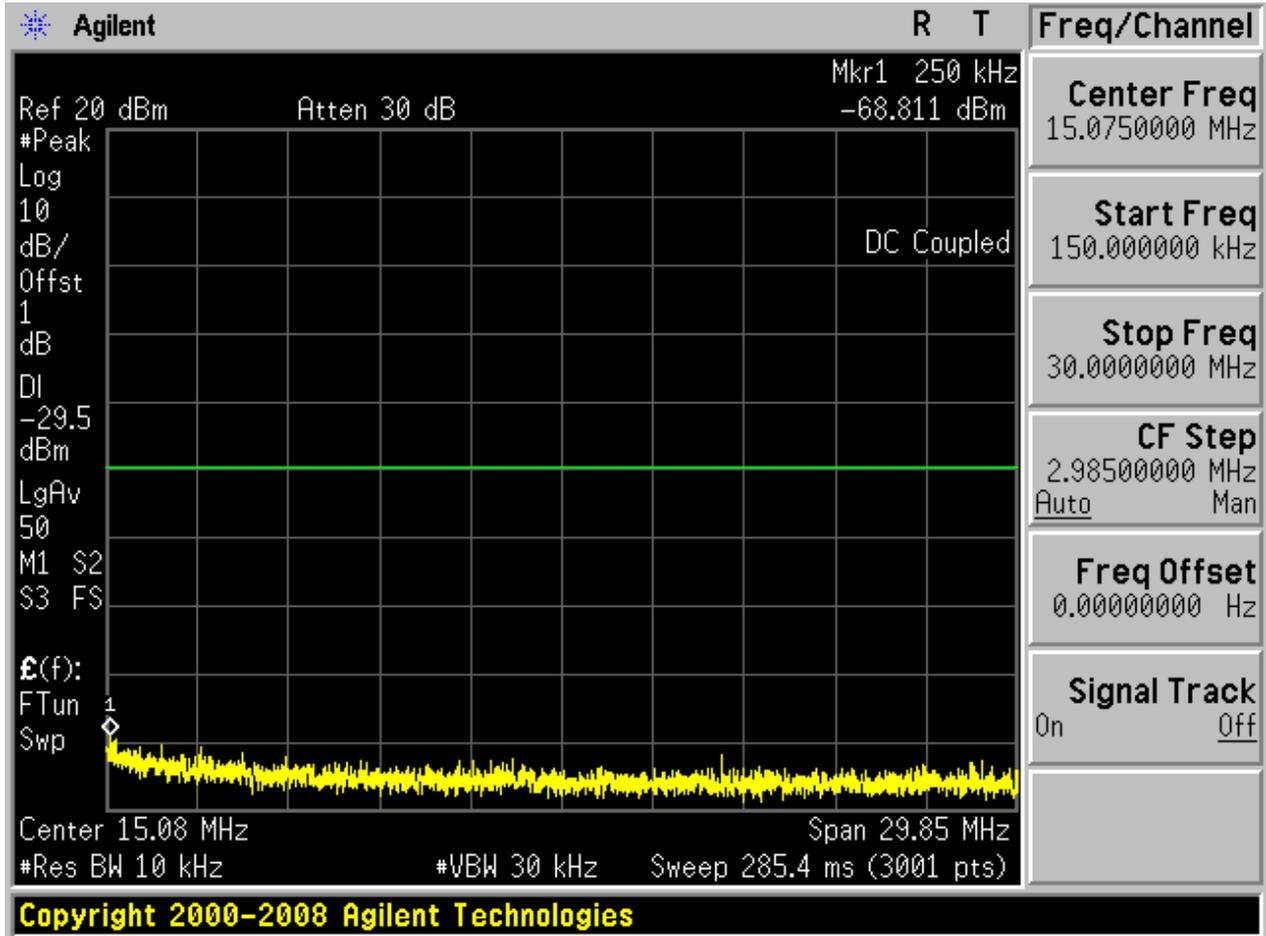
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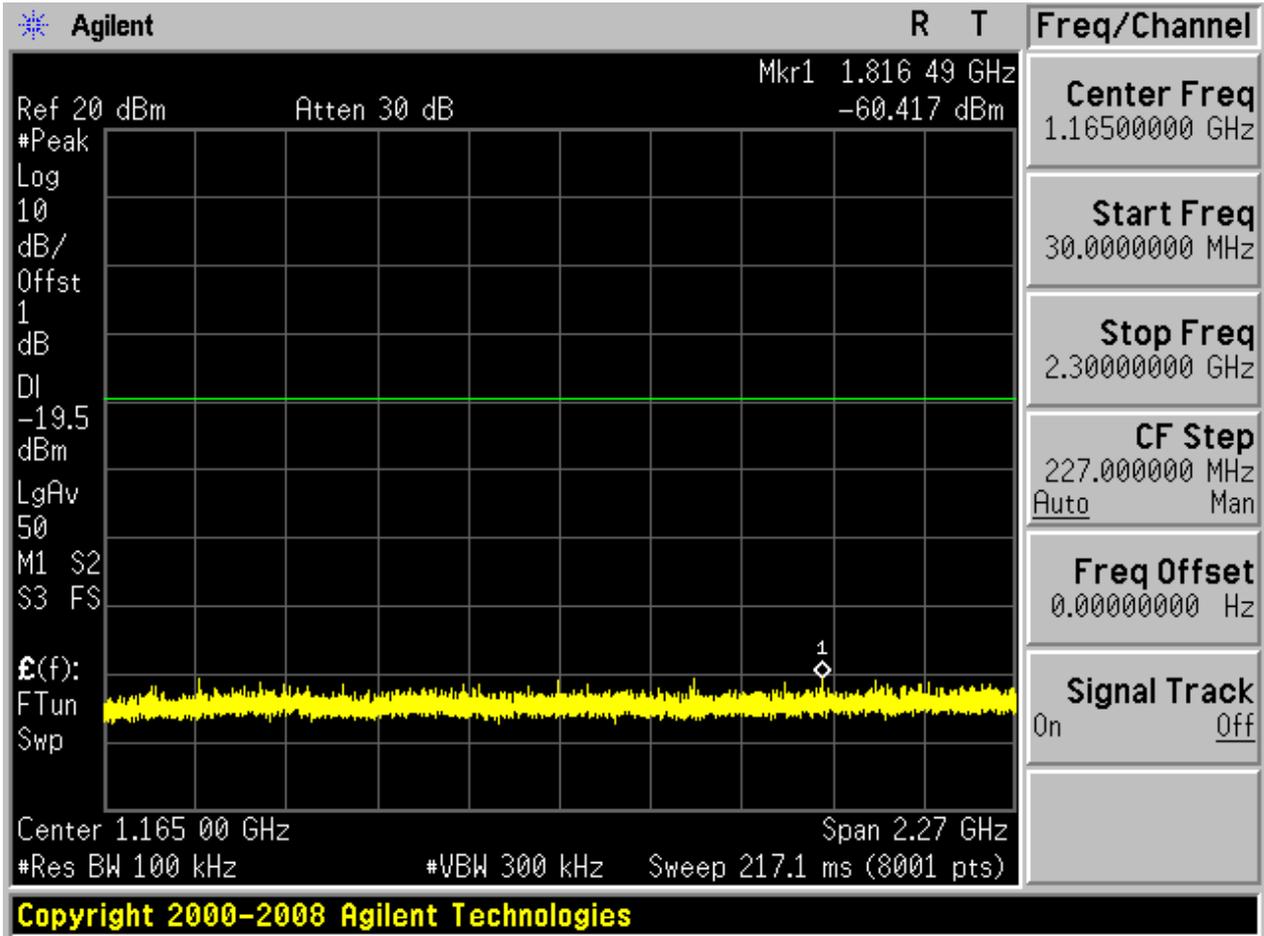
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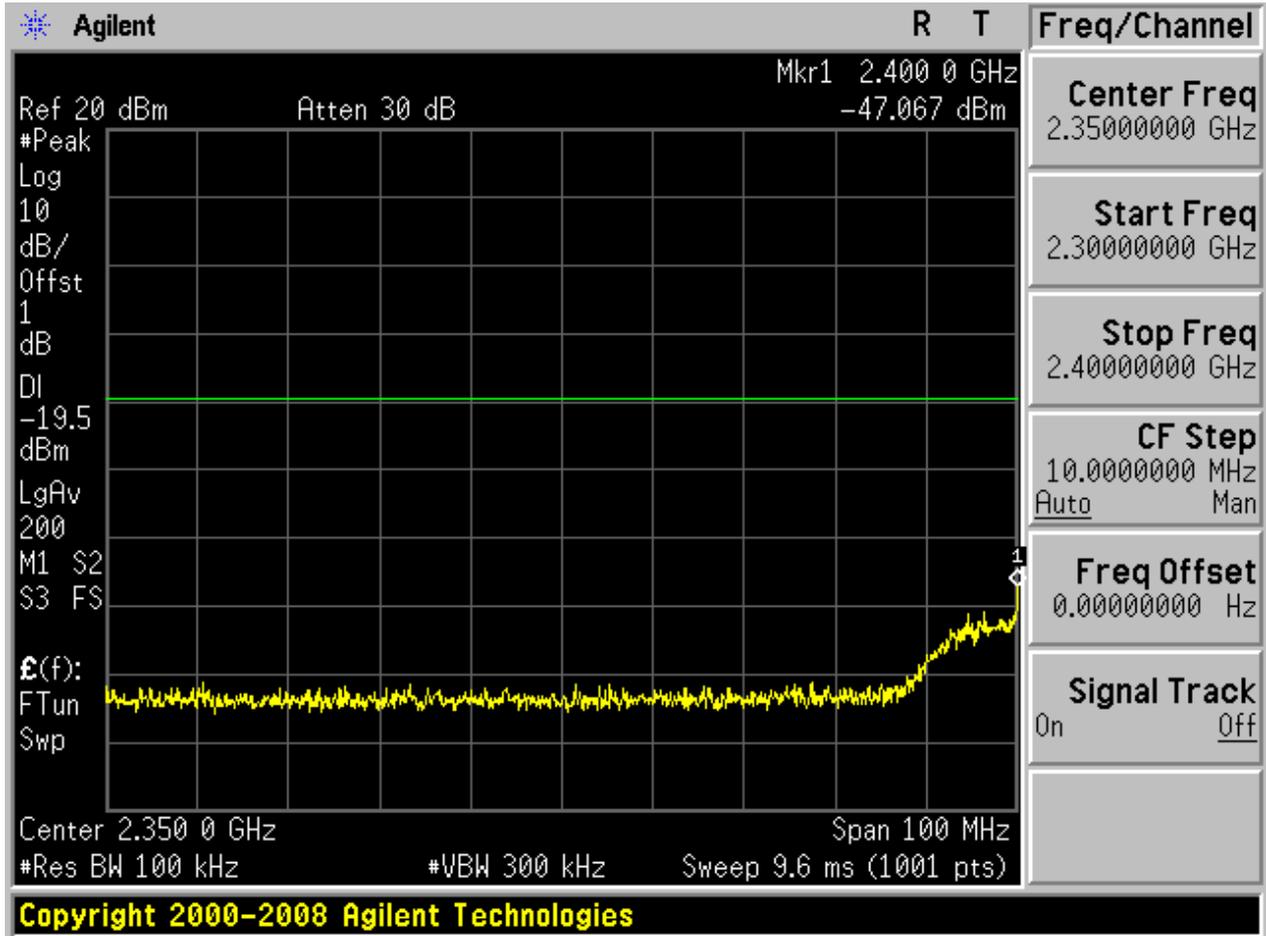


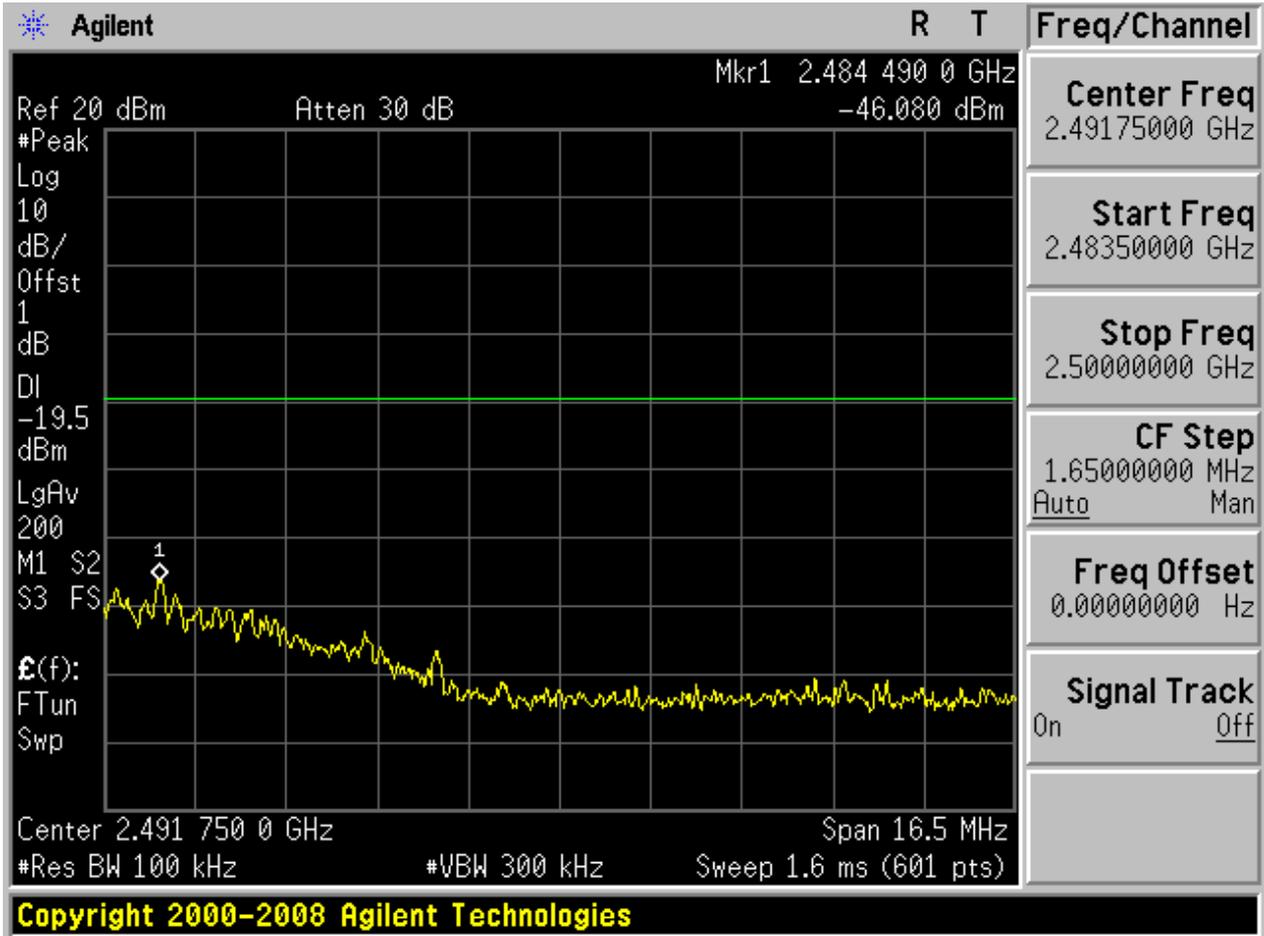
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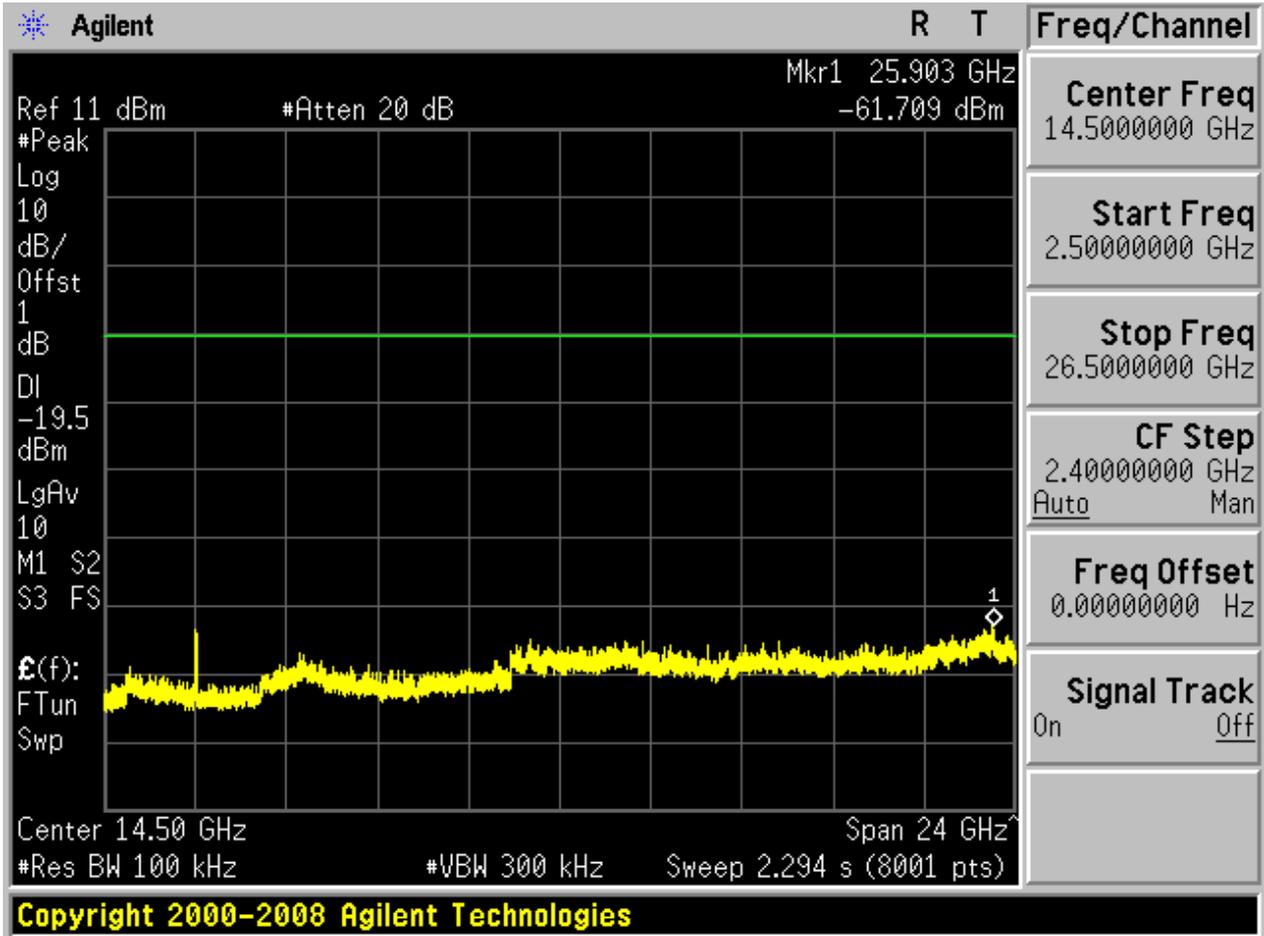






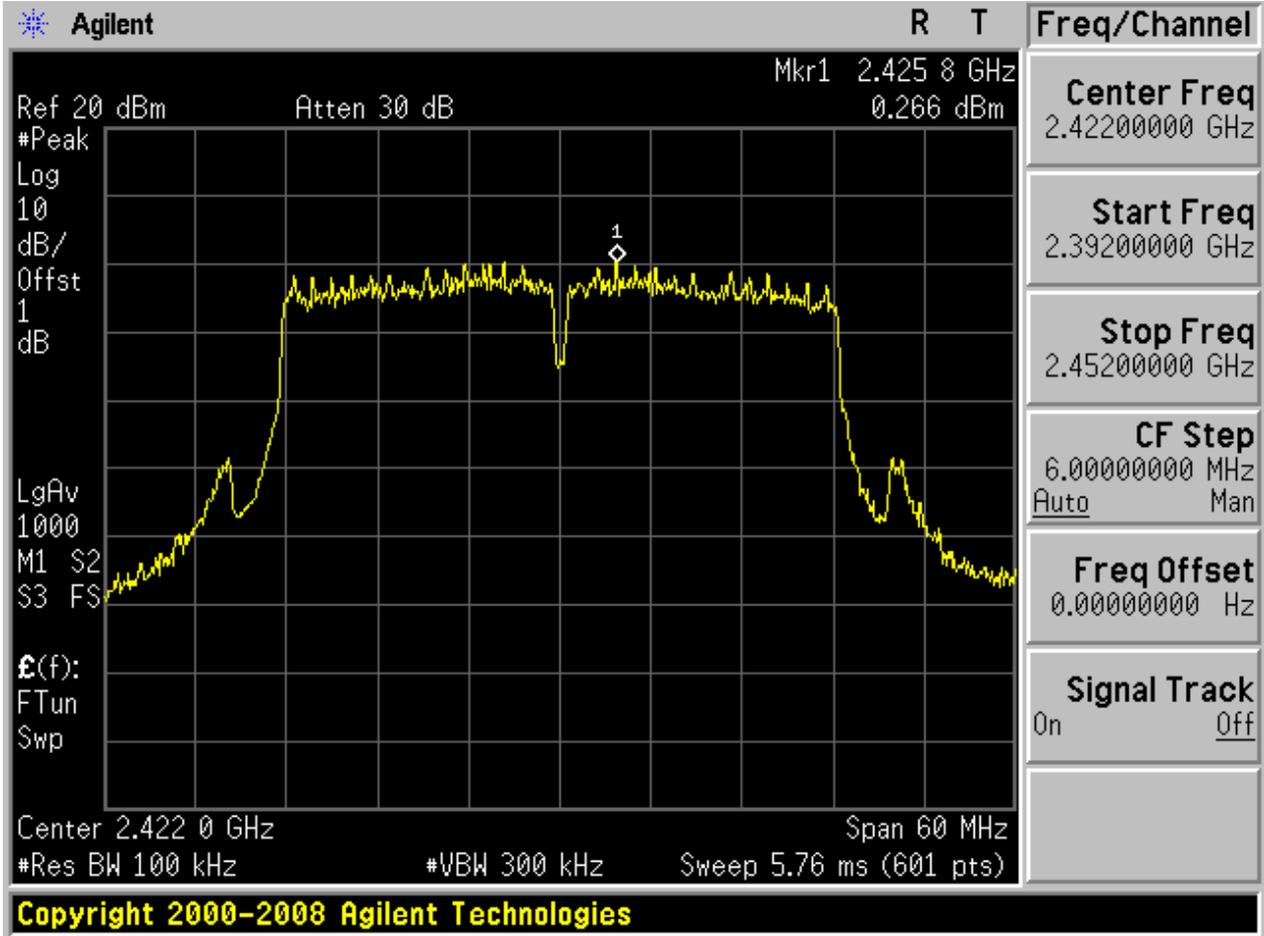




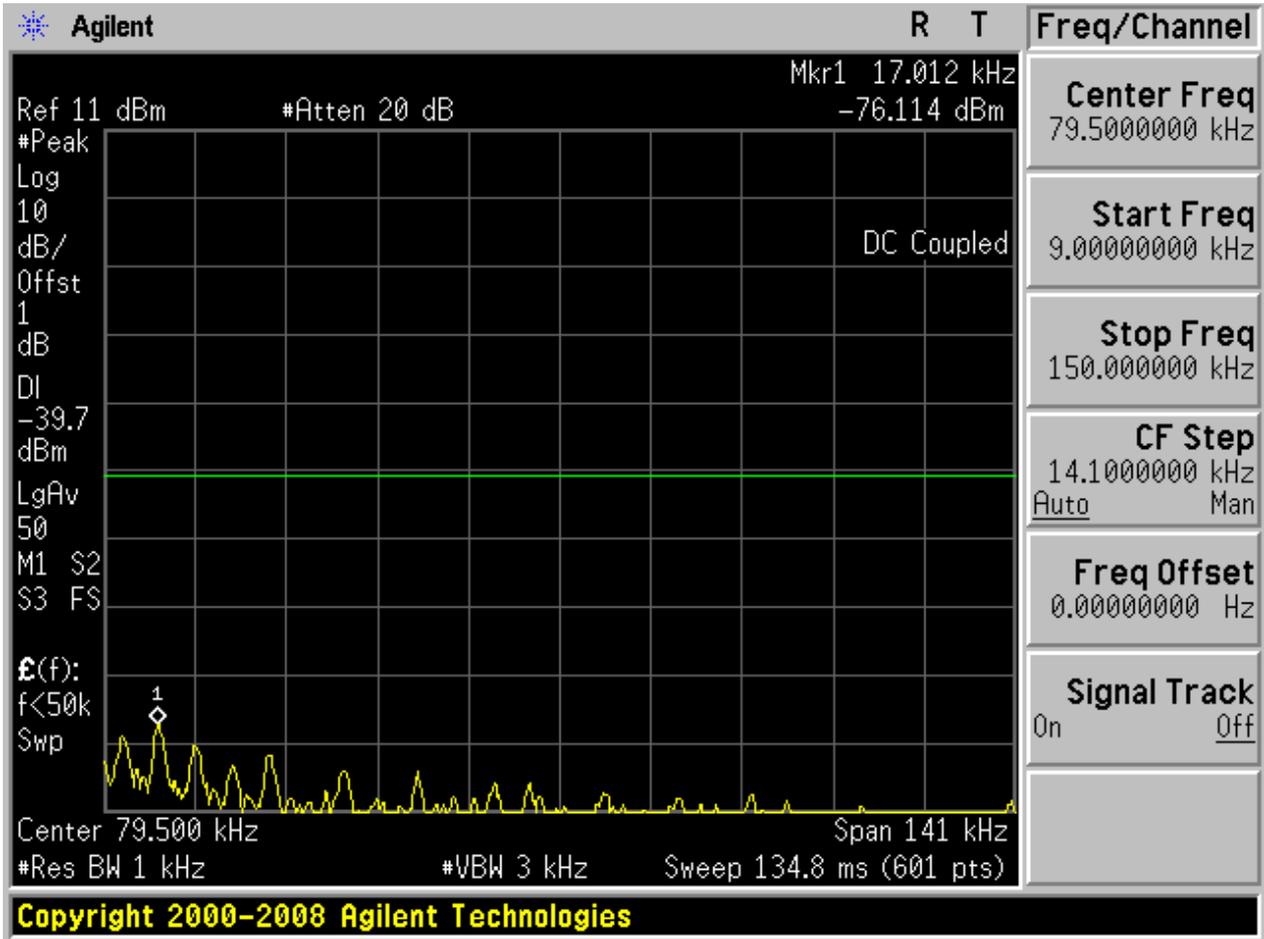


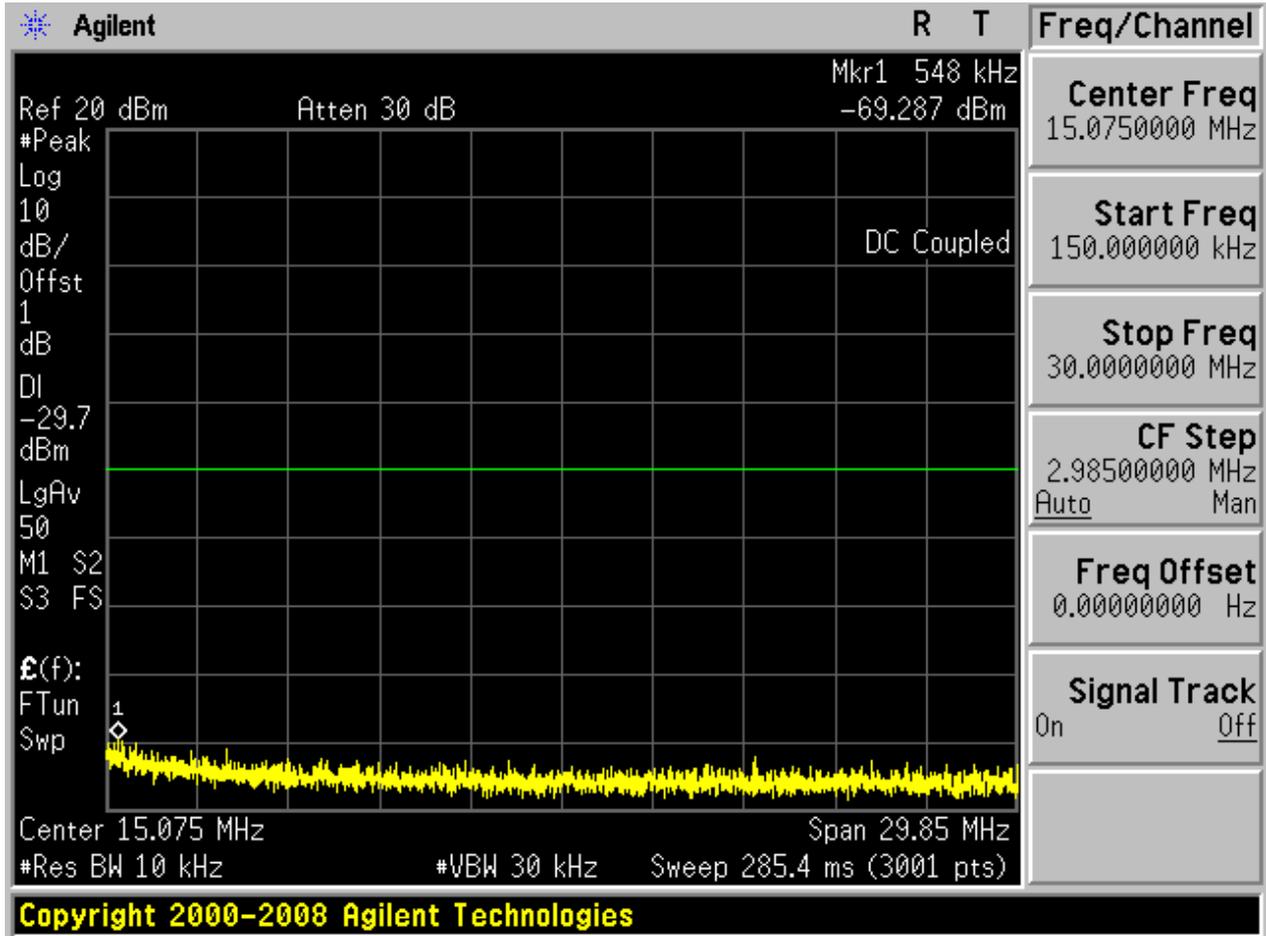
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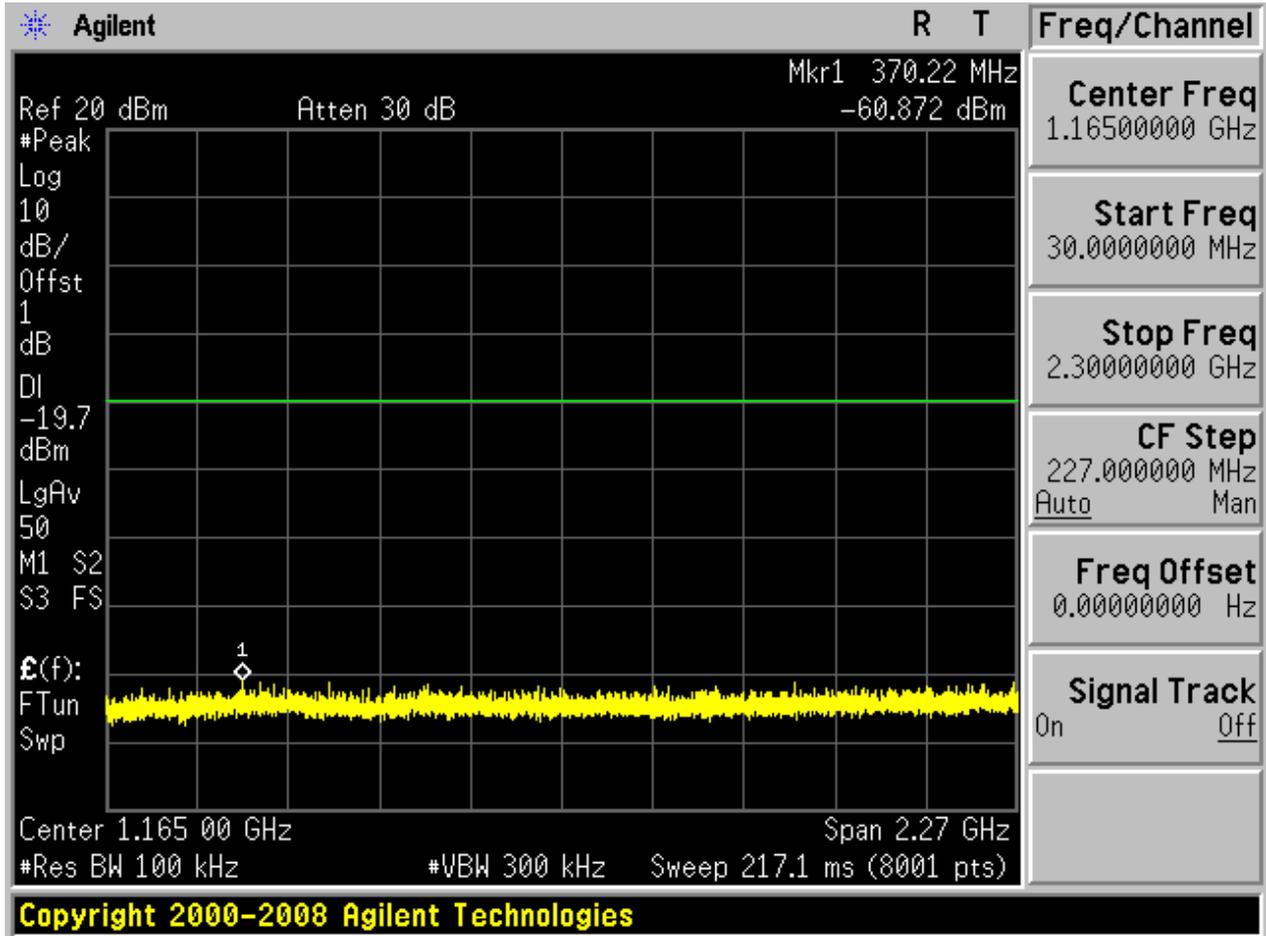
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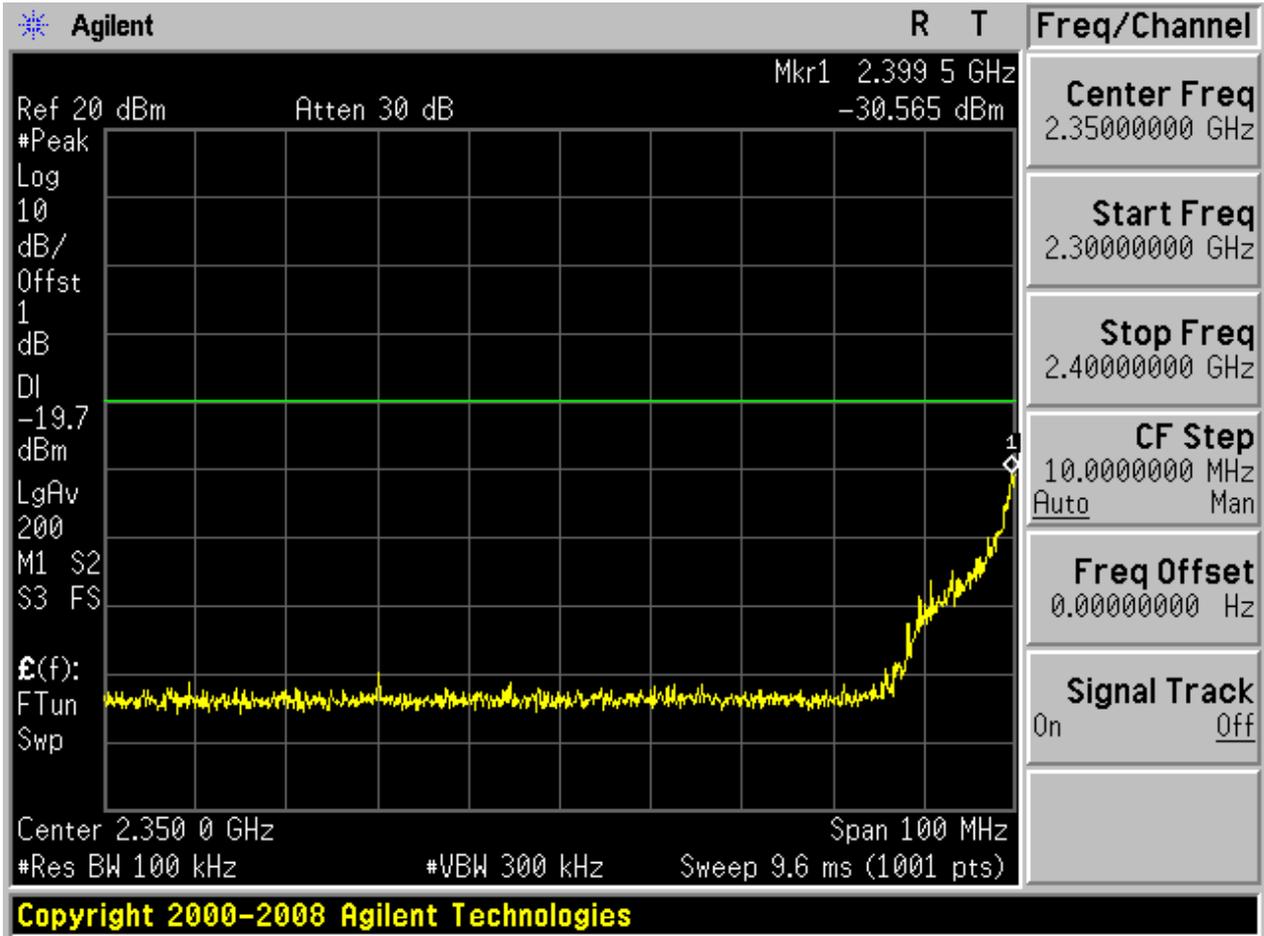
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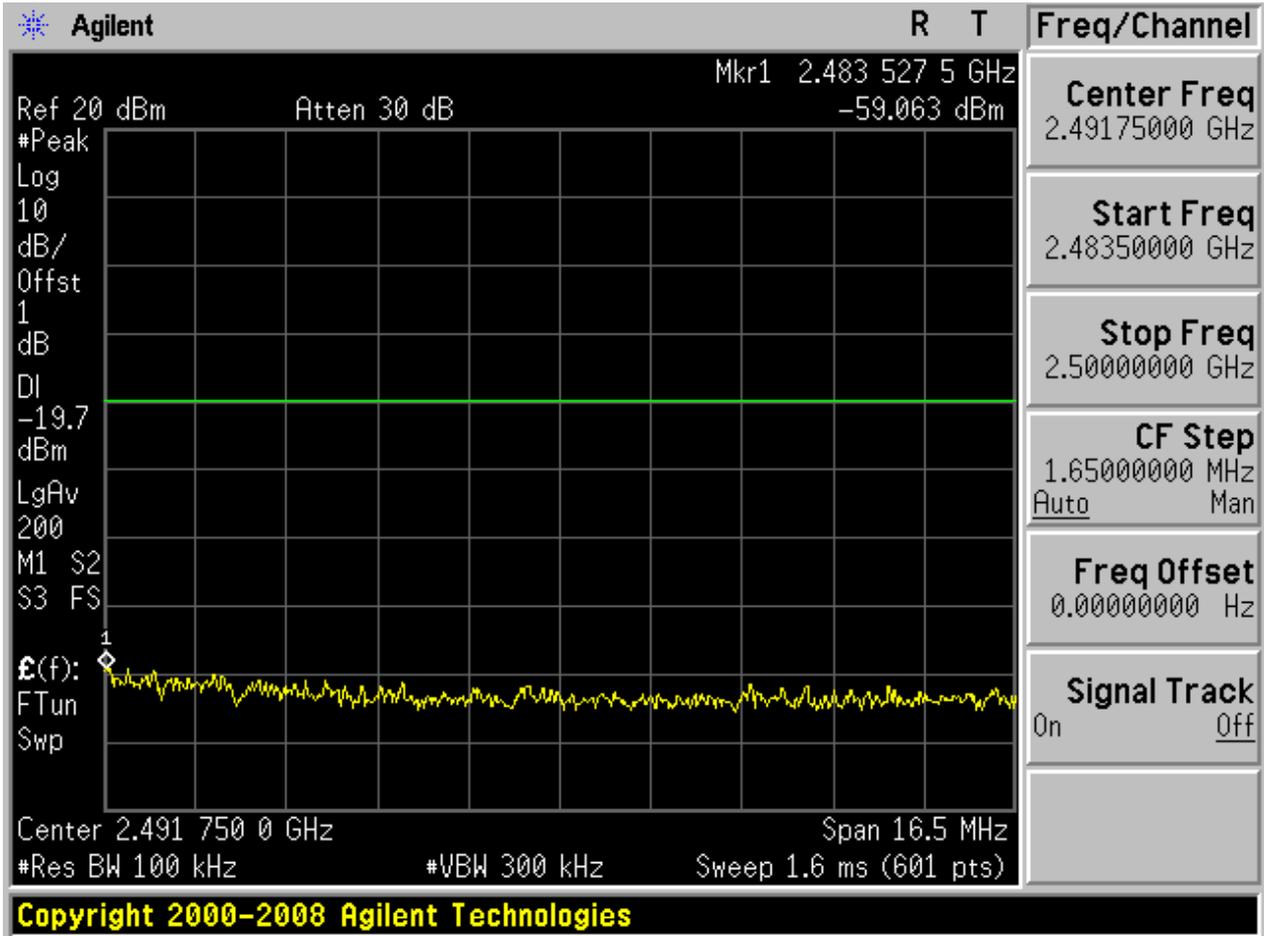


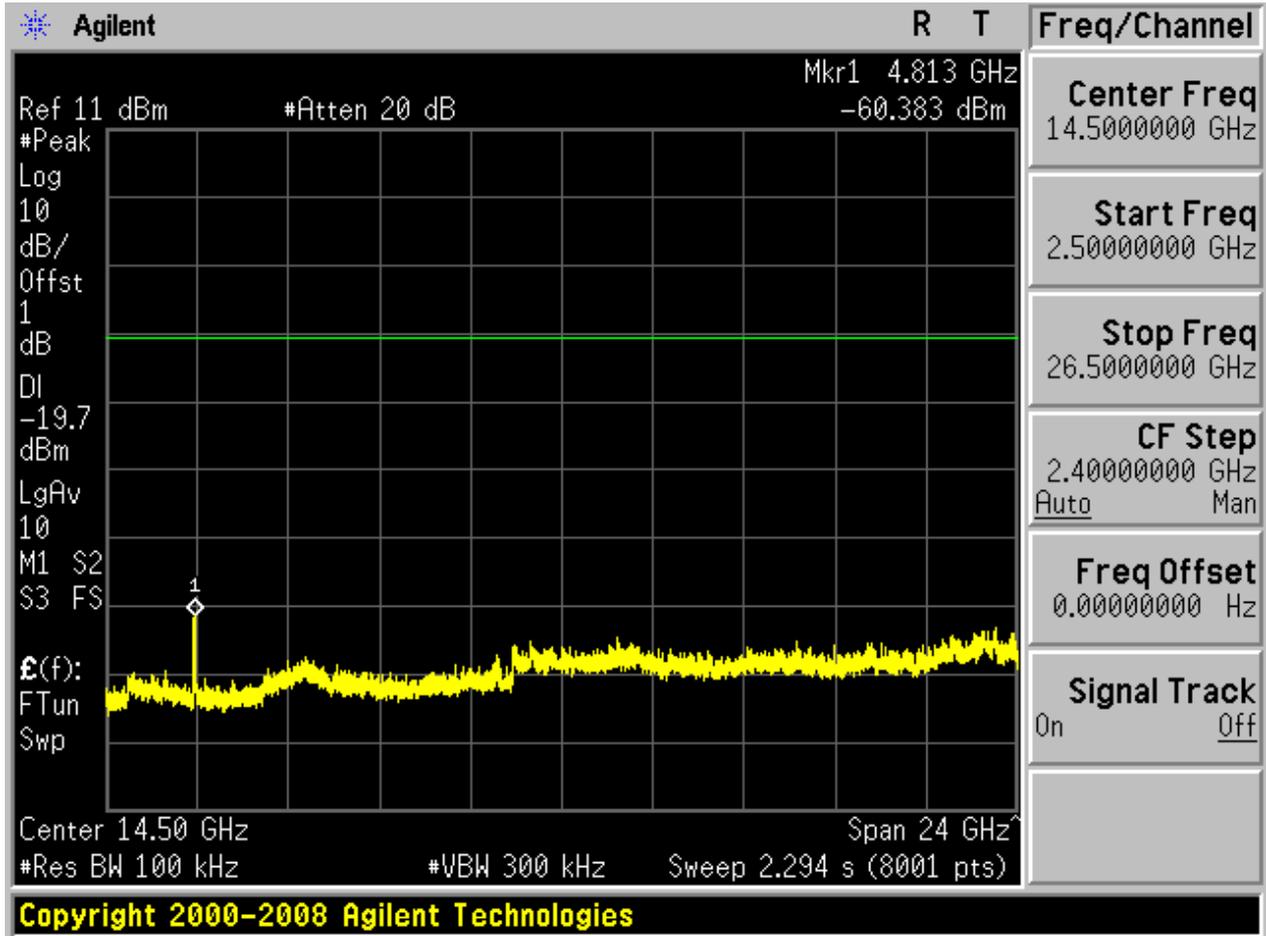




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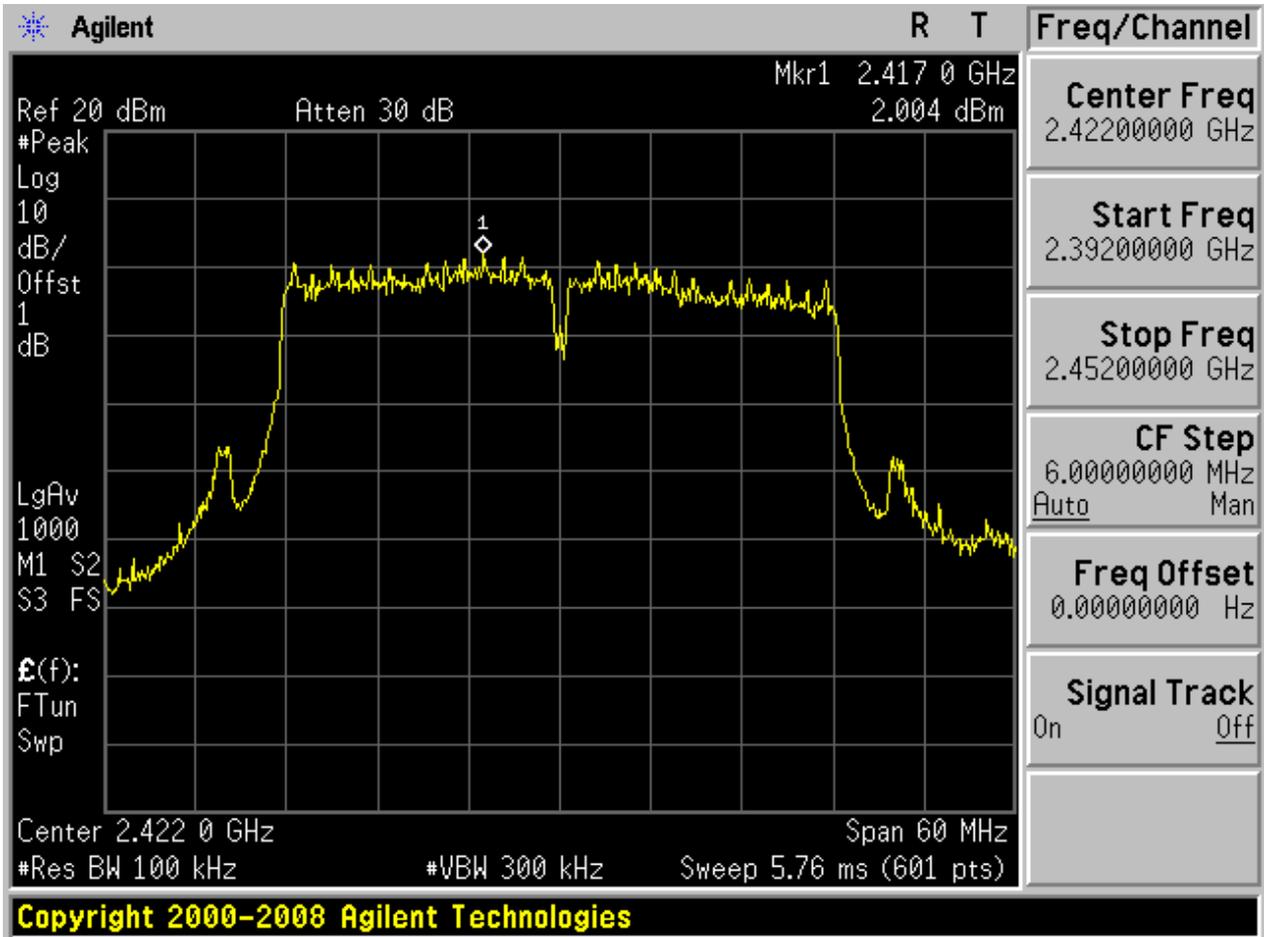






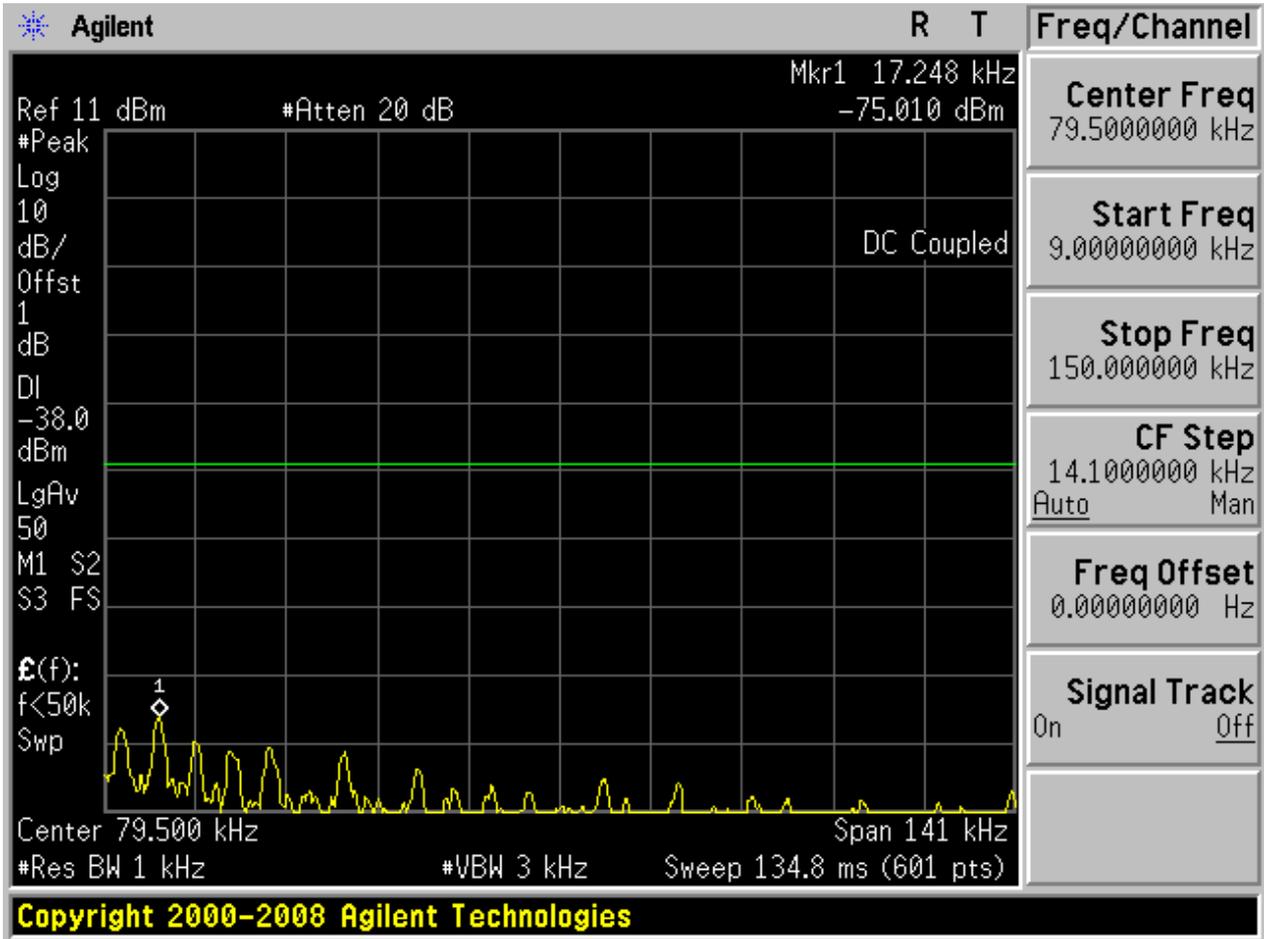
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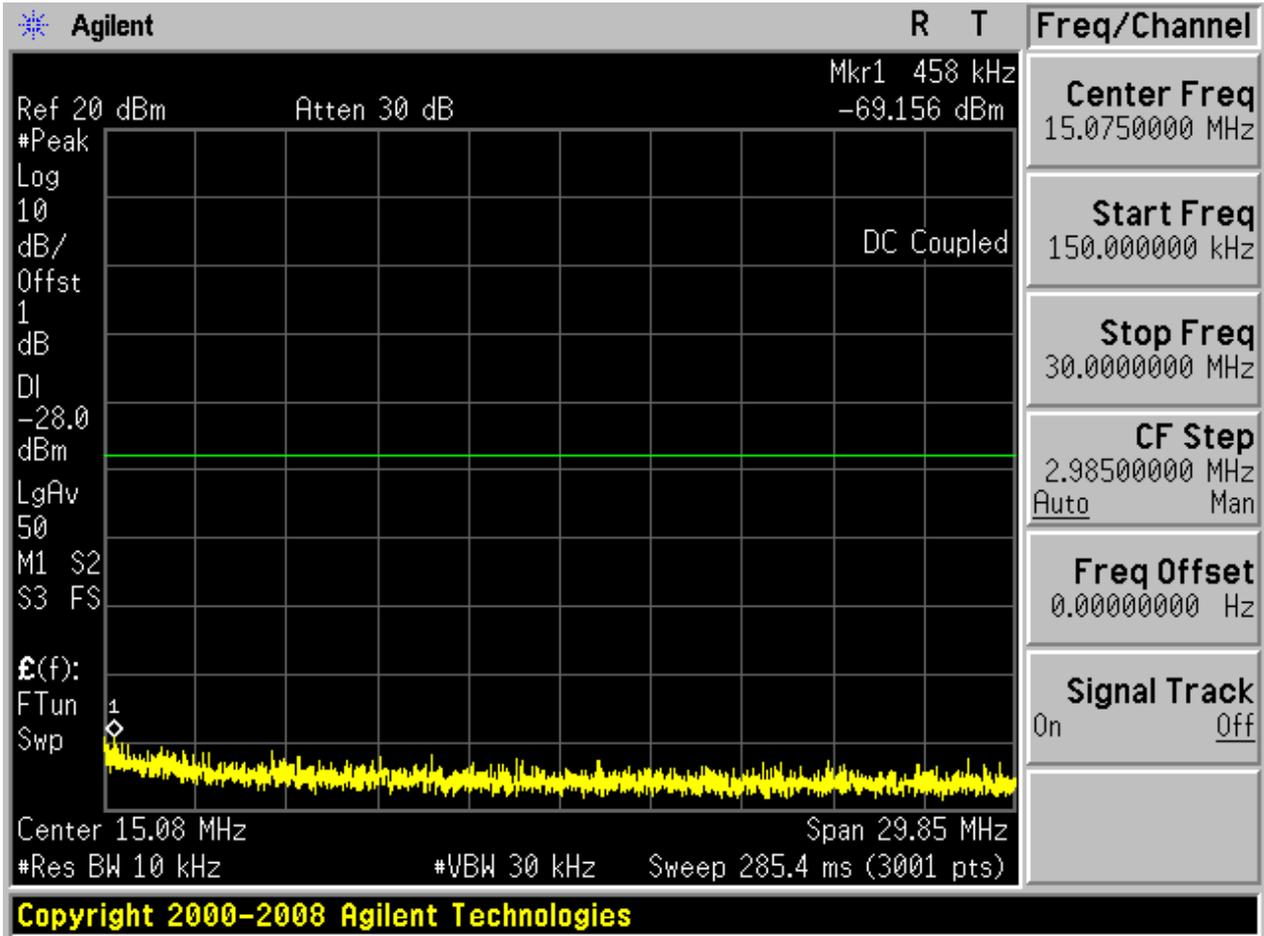
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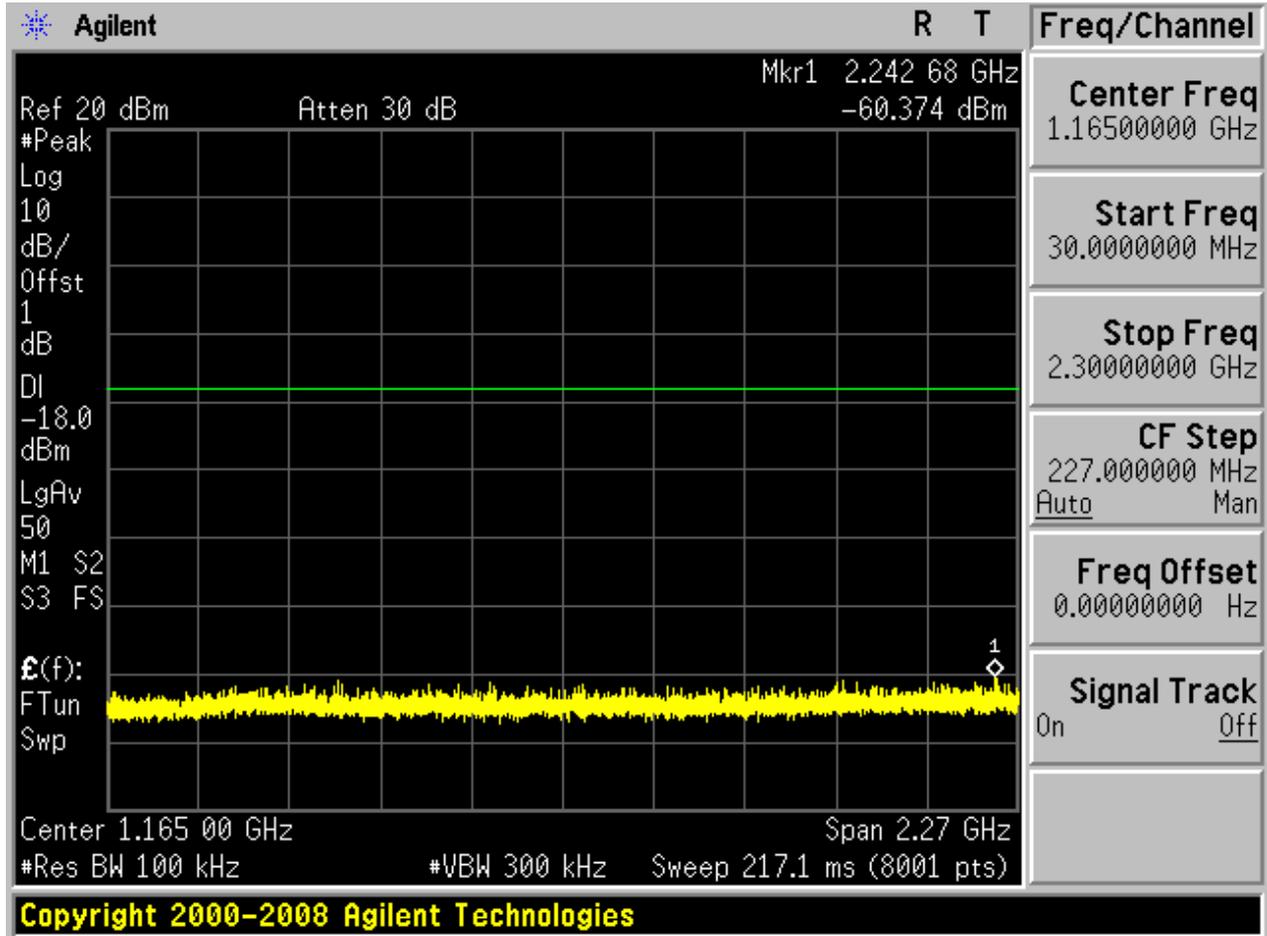


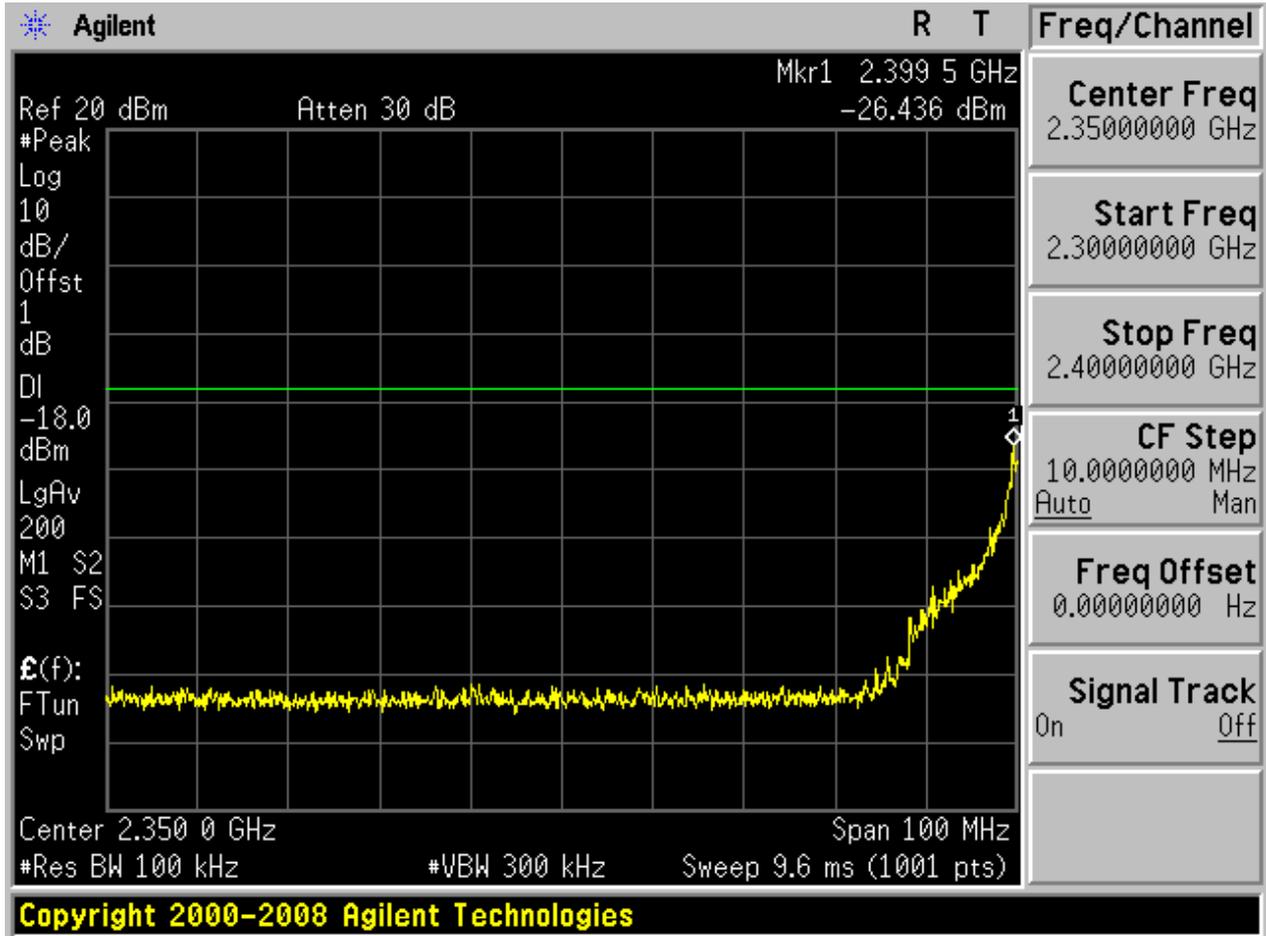


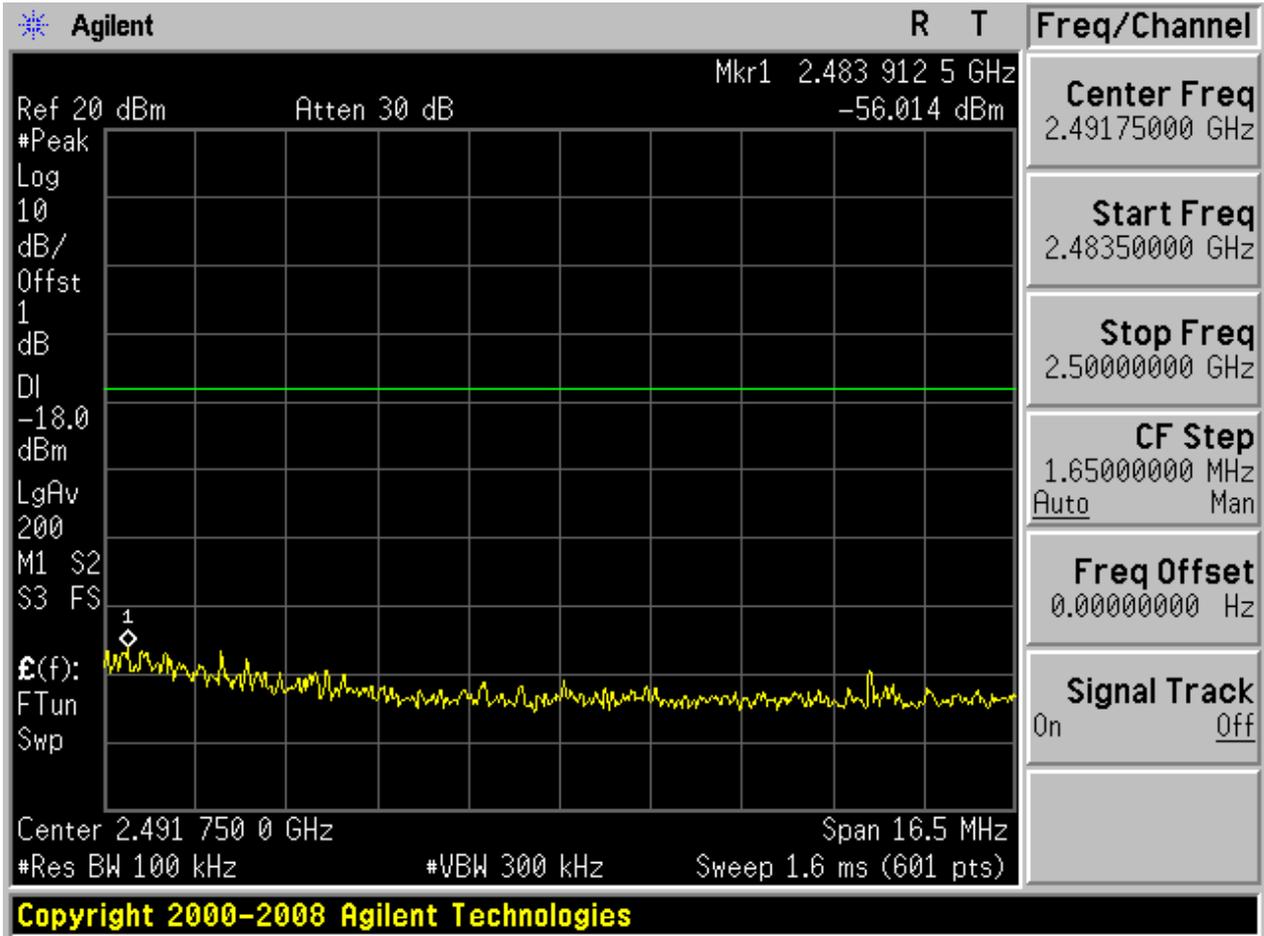
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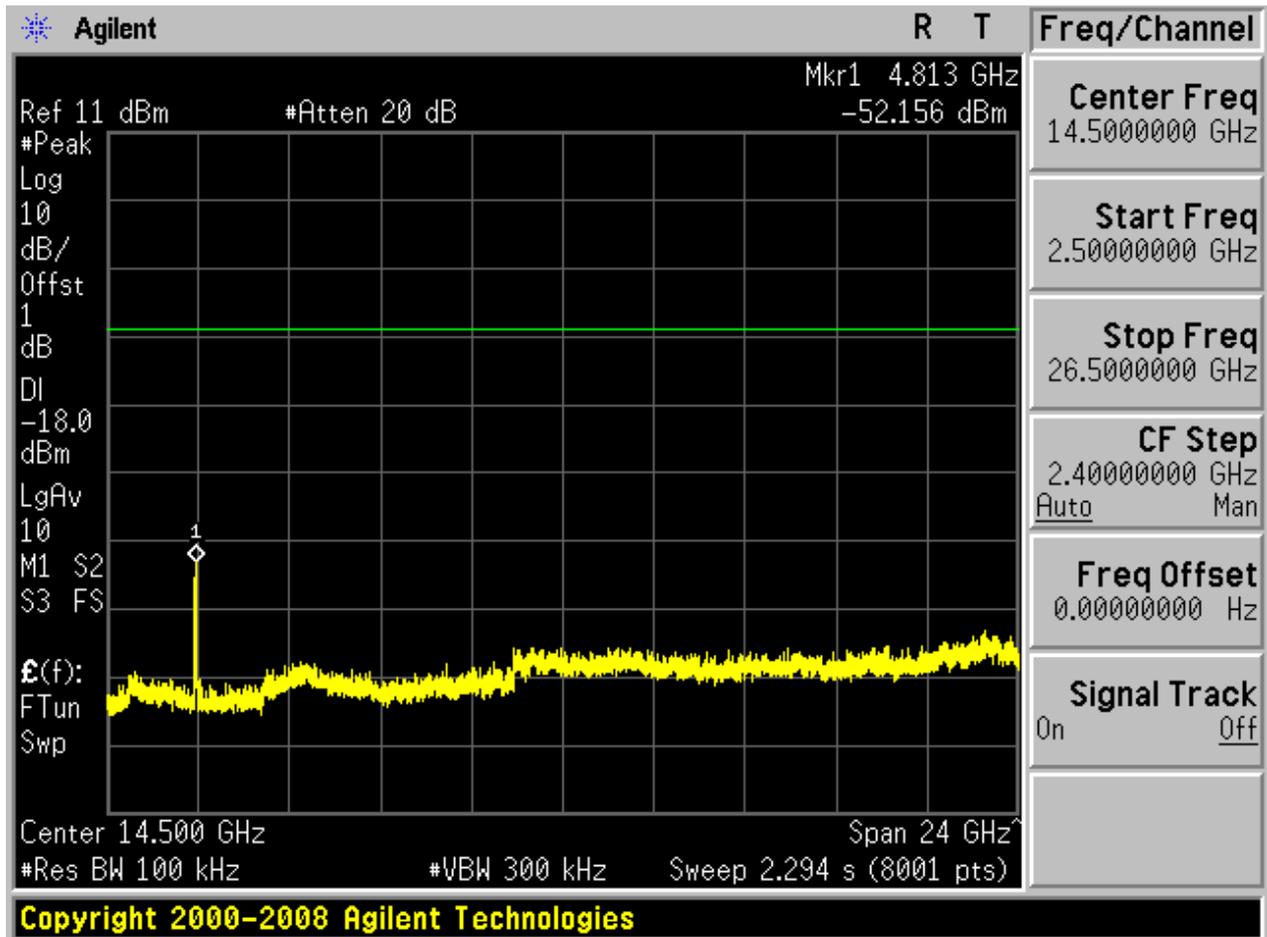






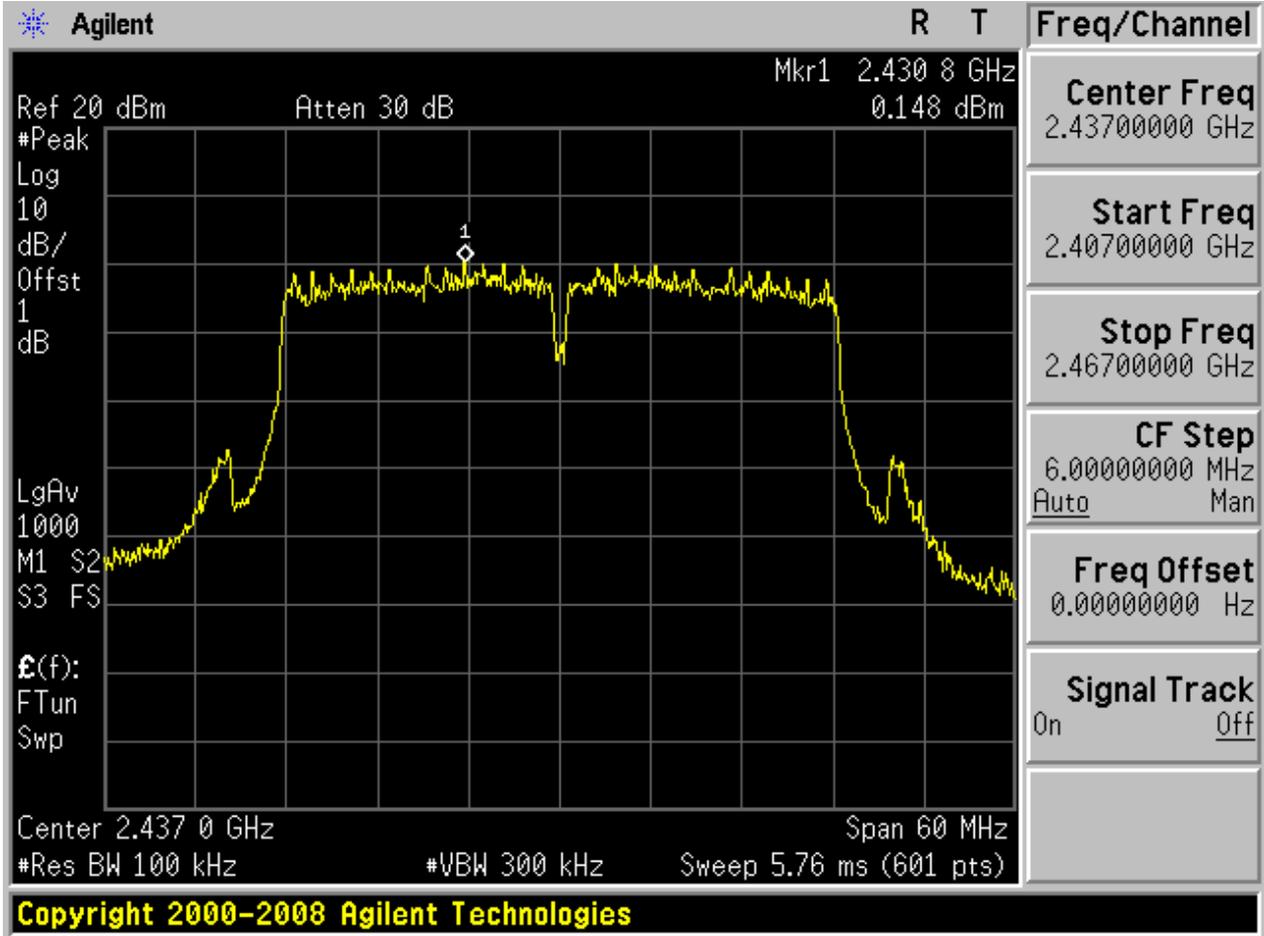




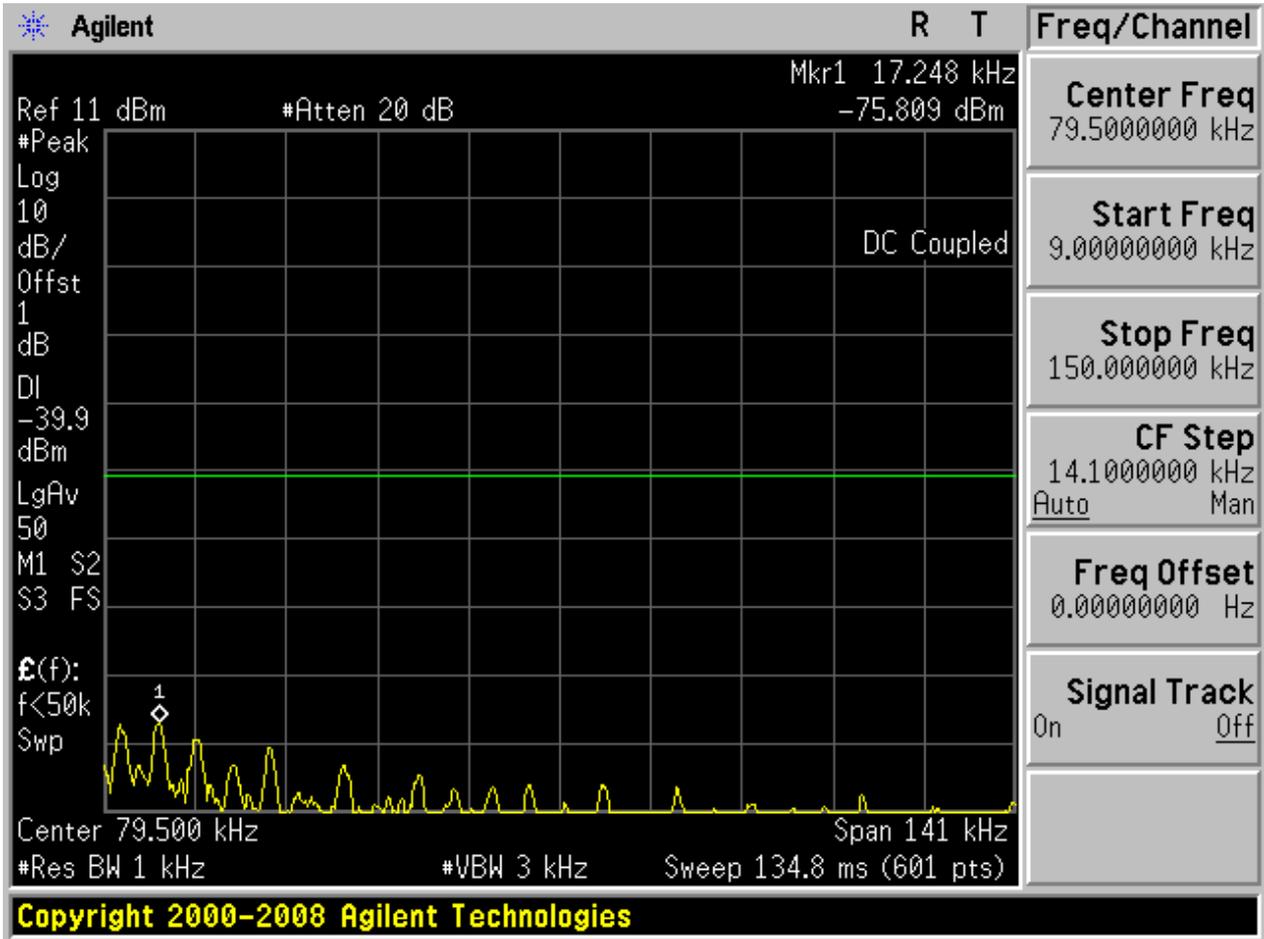


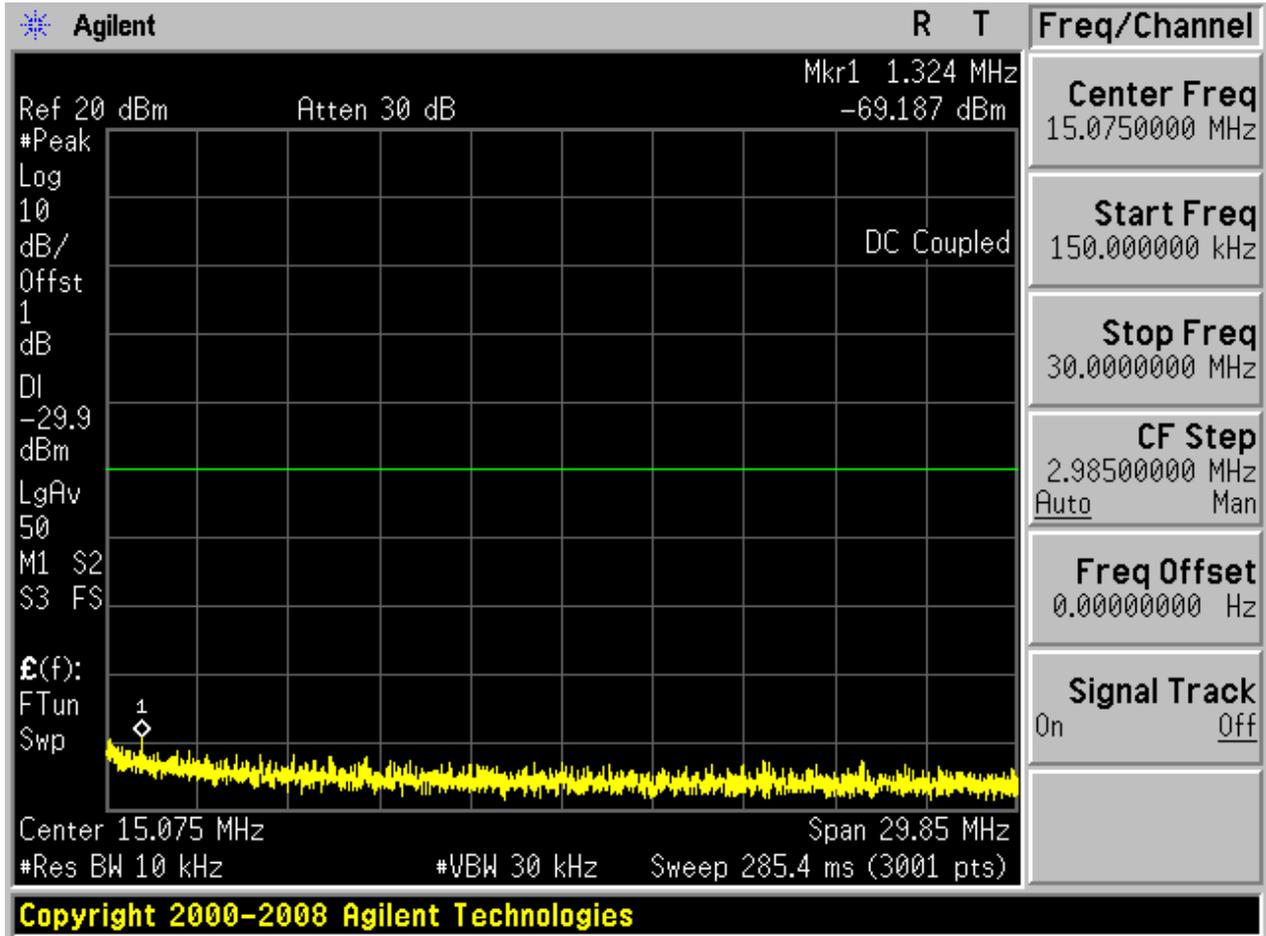
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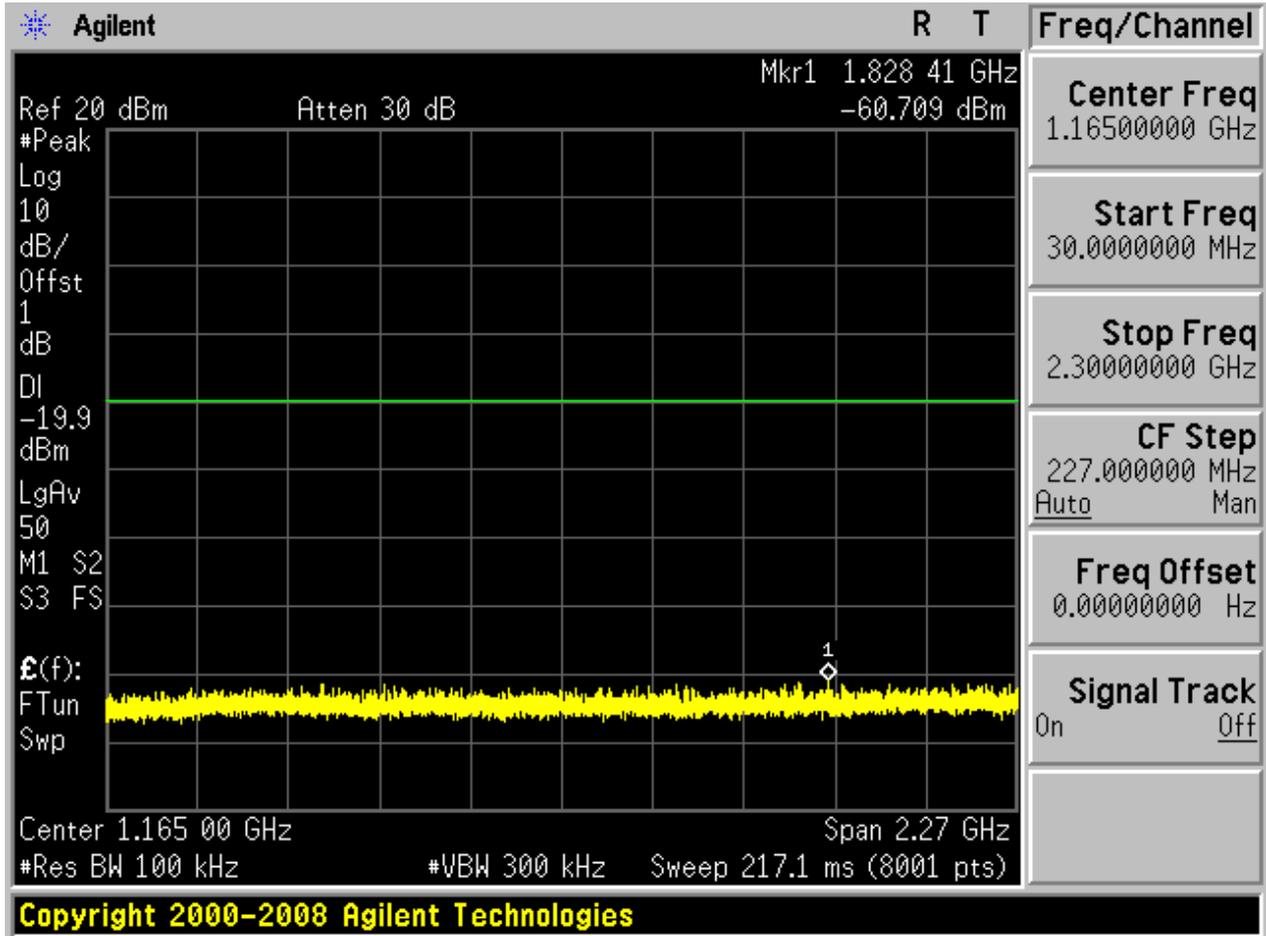
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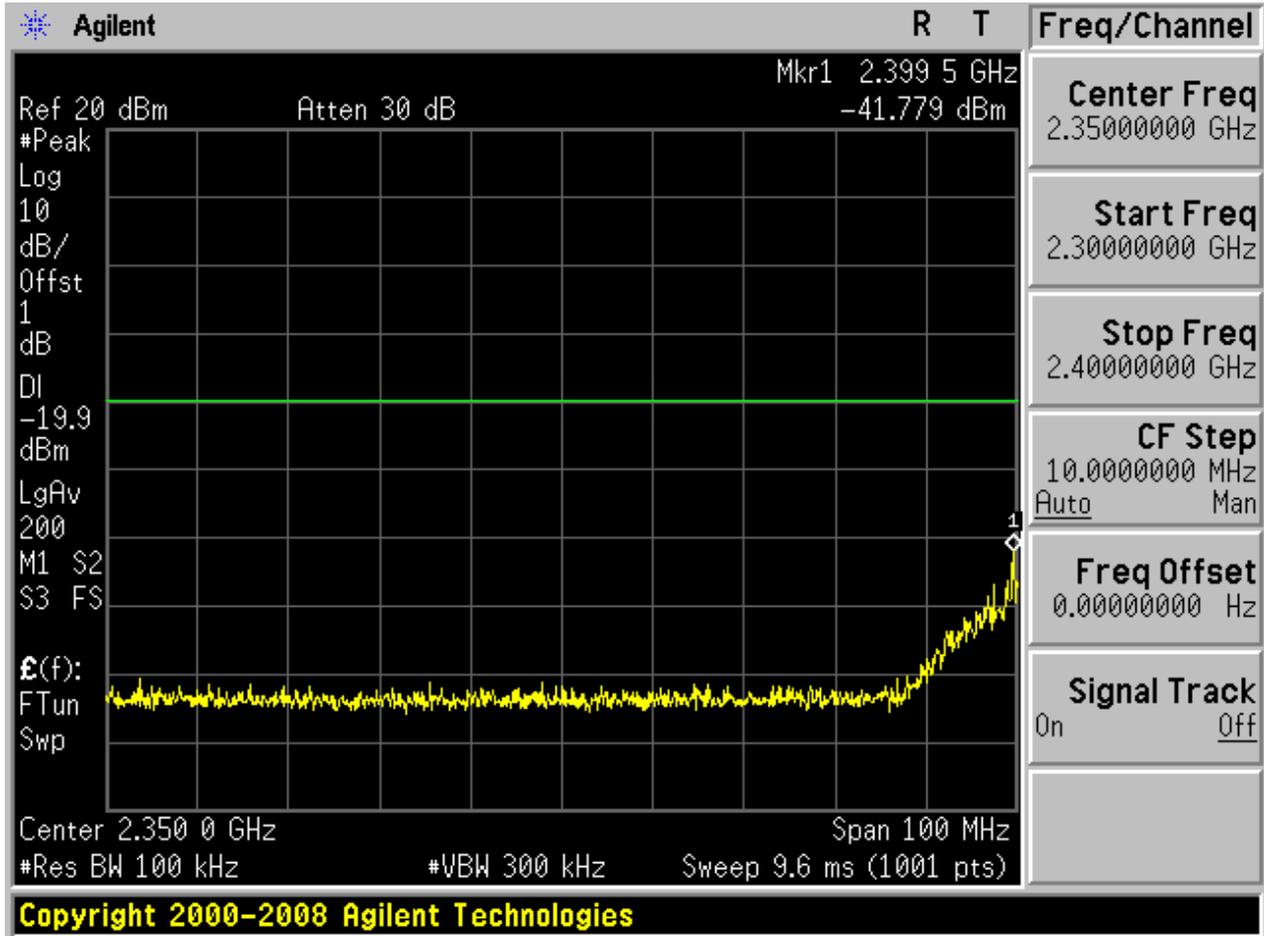


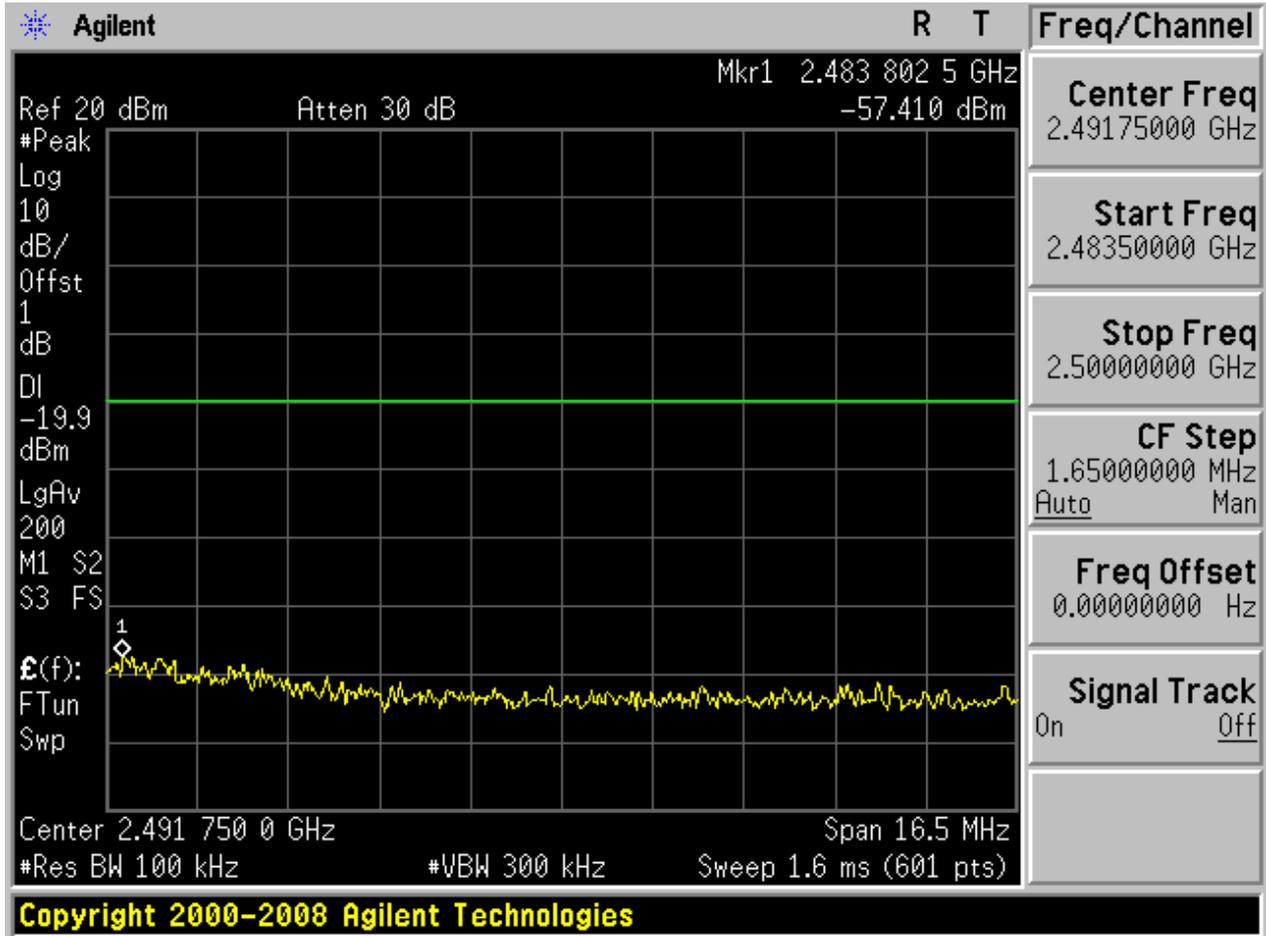
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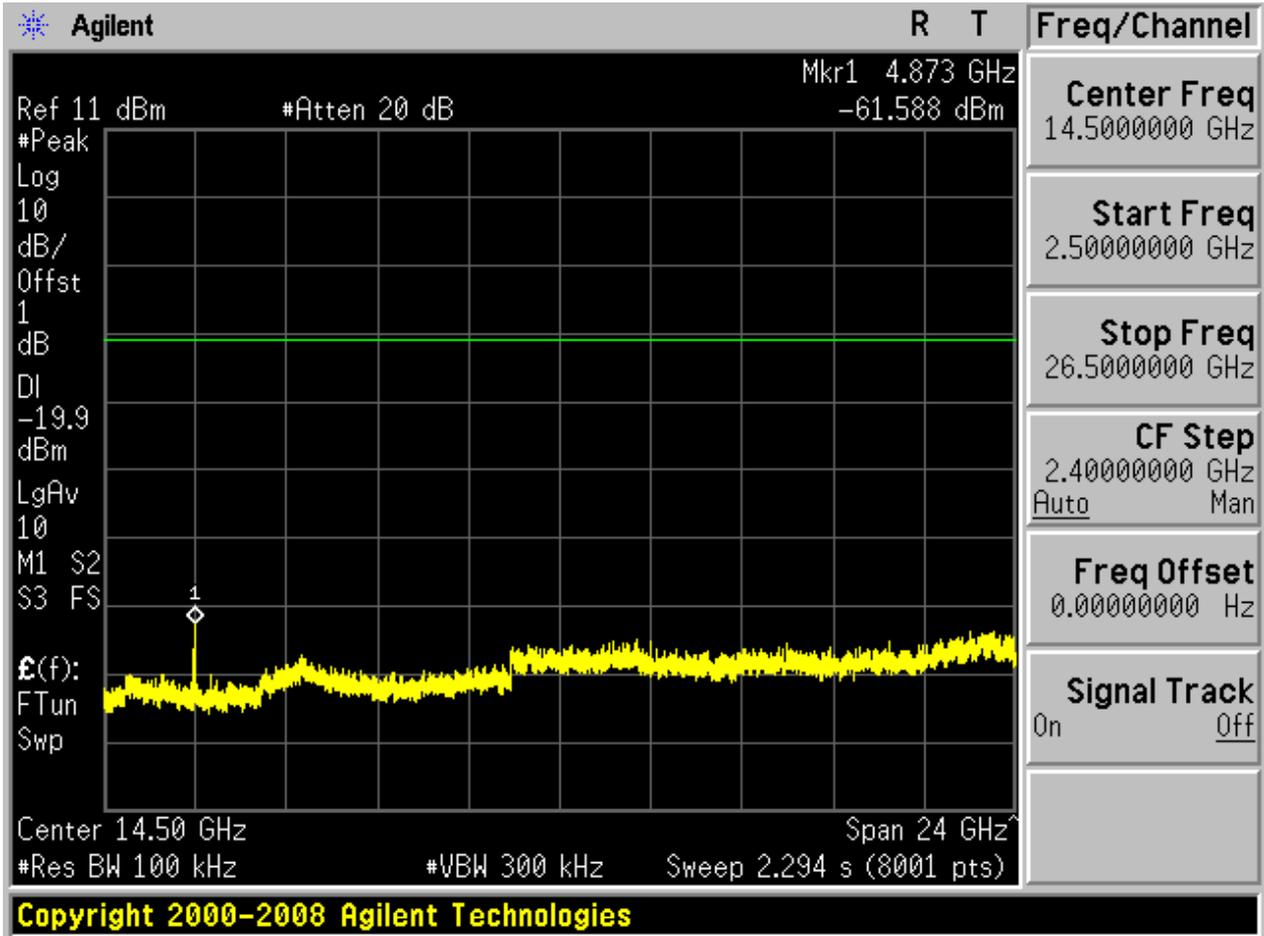






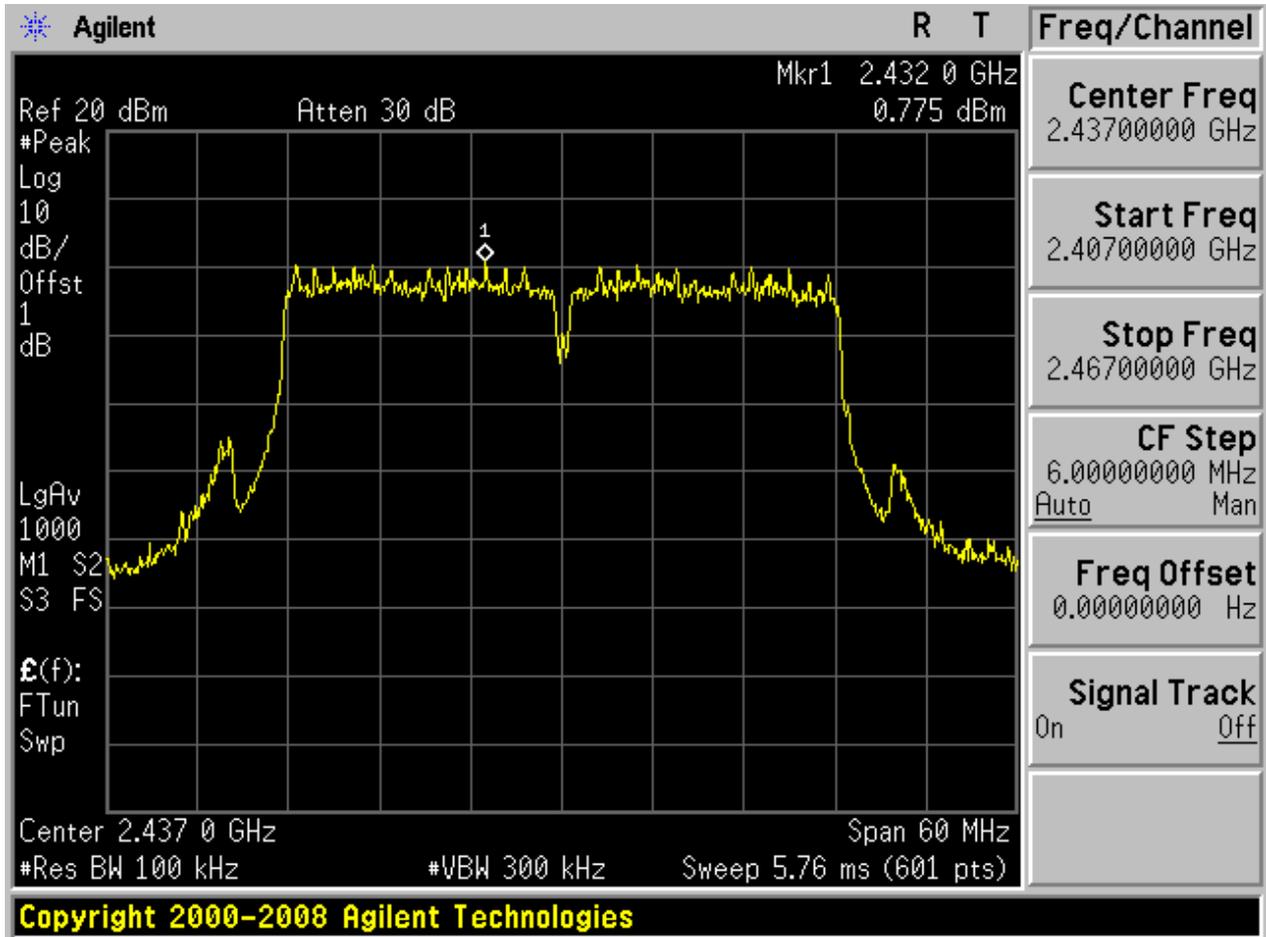




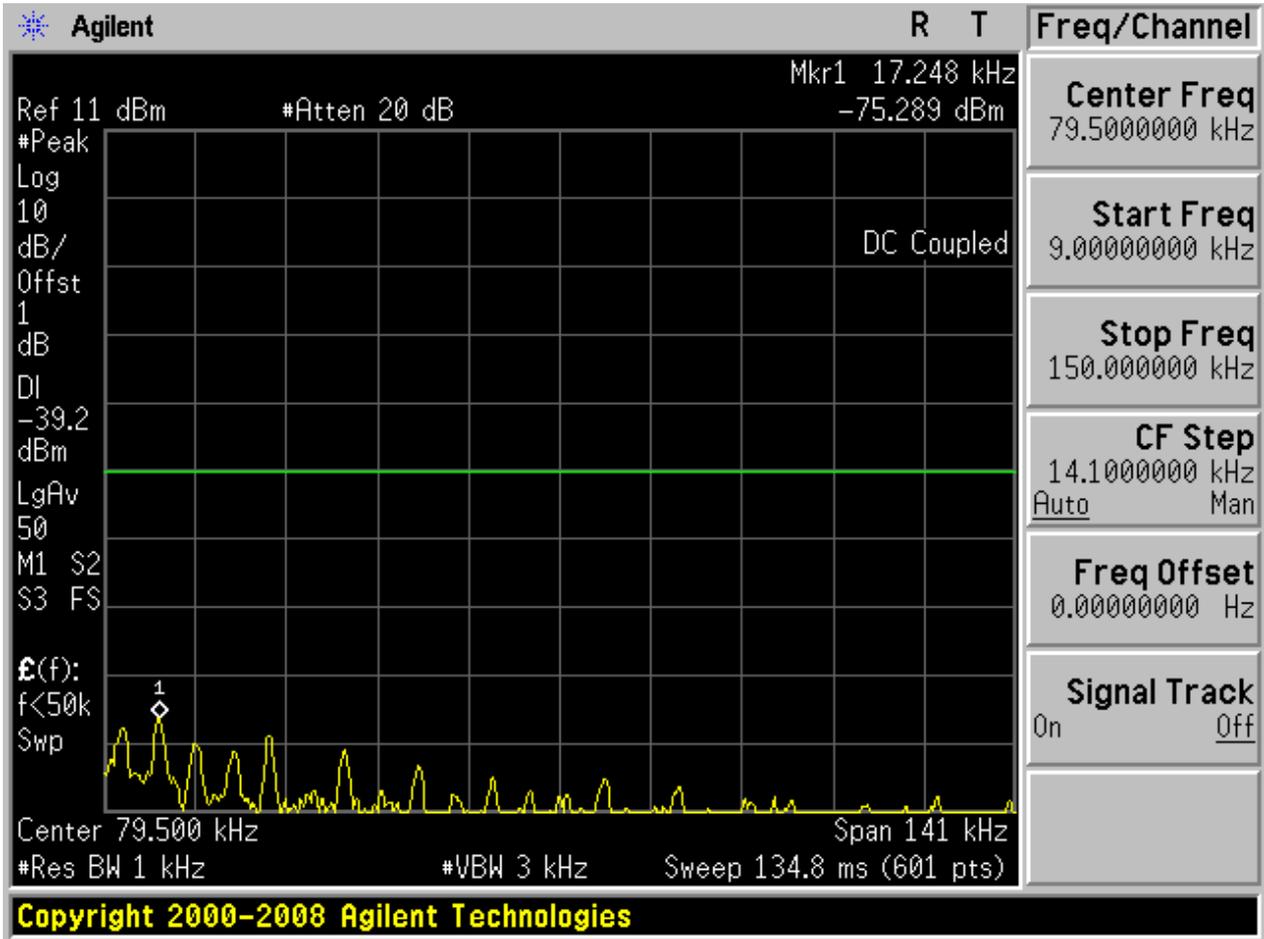


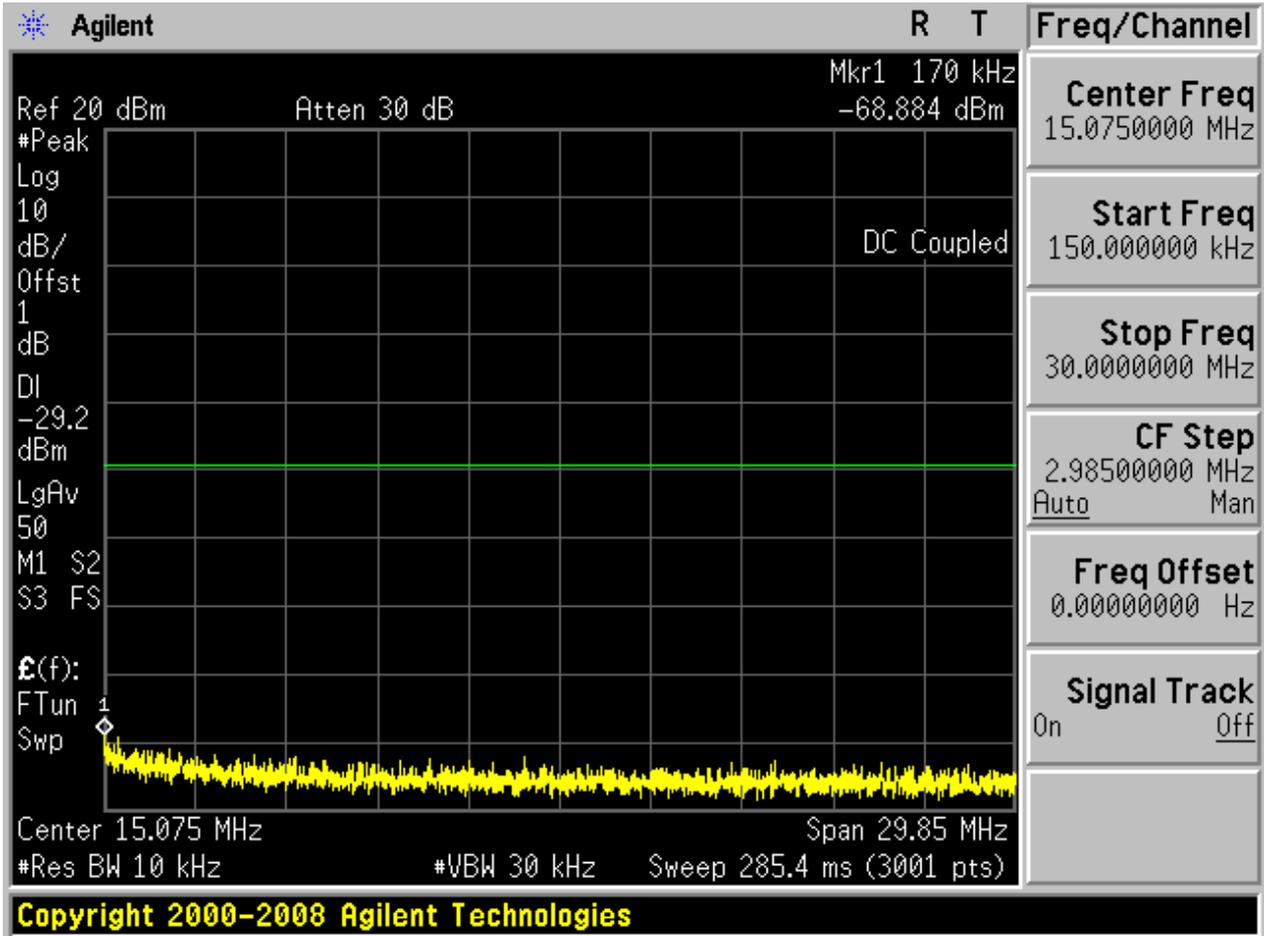
### 2.34 11N40m\_M@Ant 2

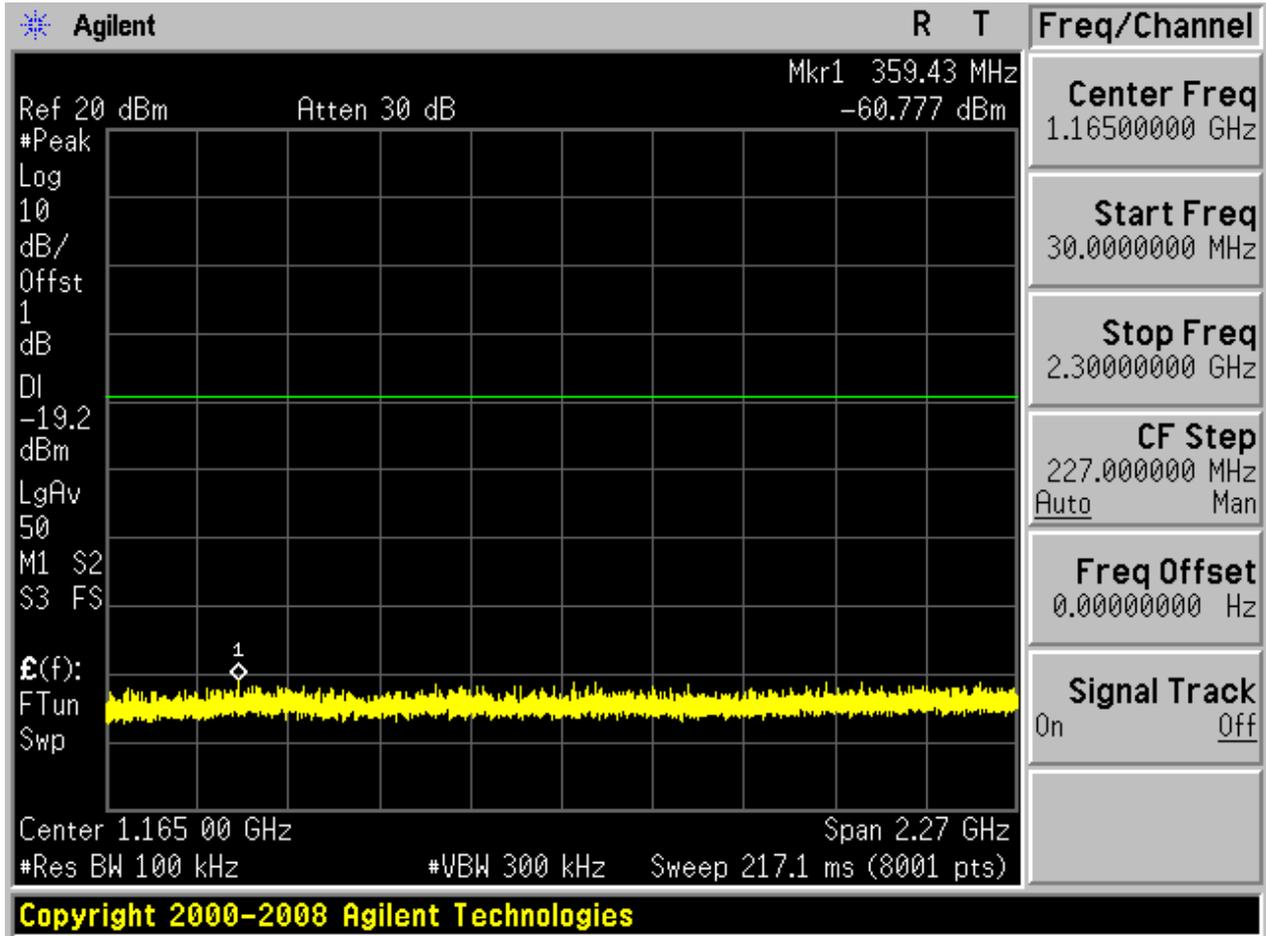
Pref:

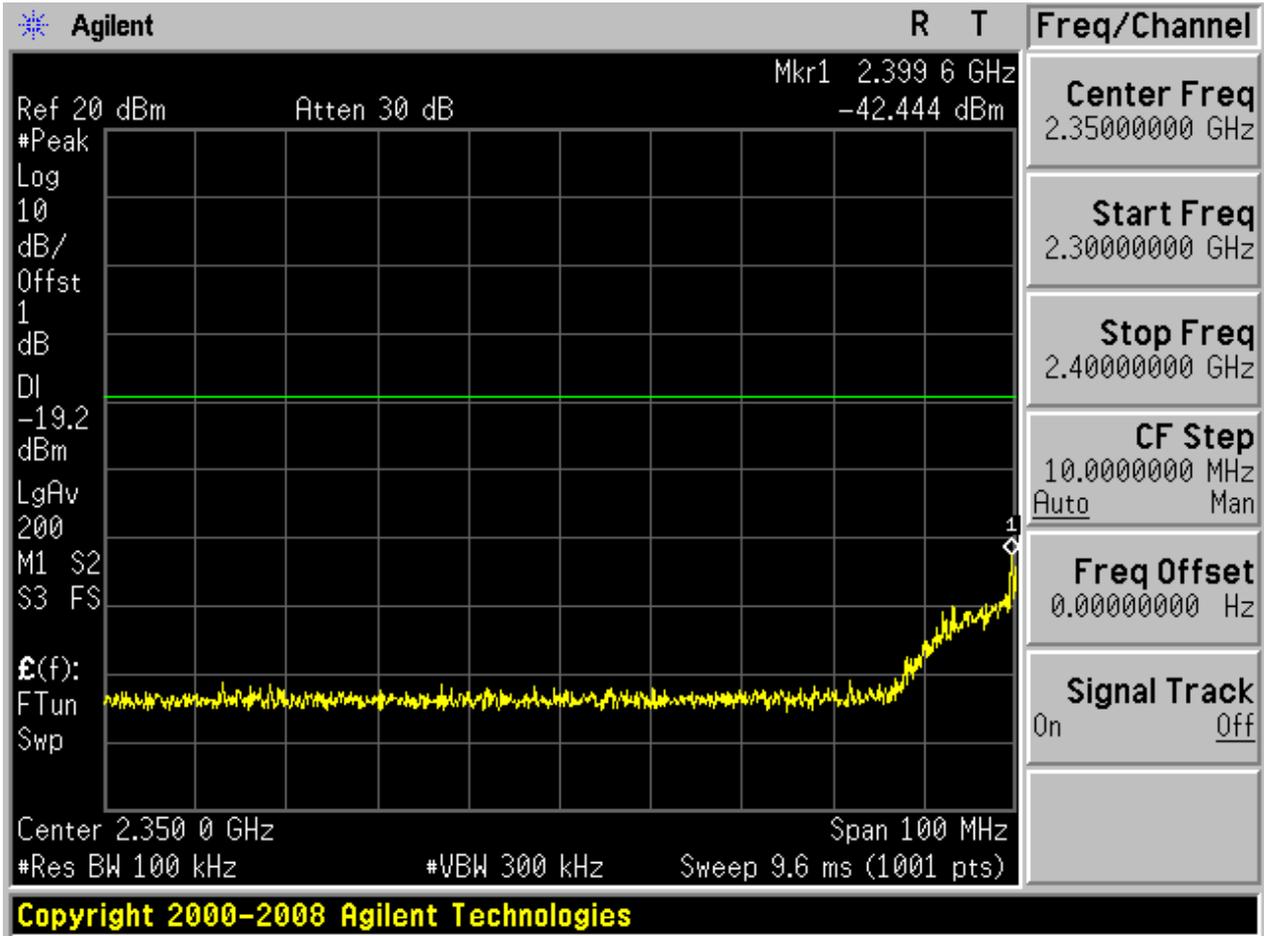


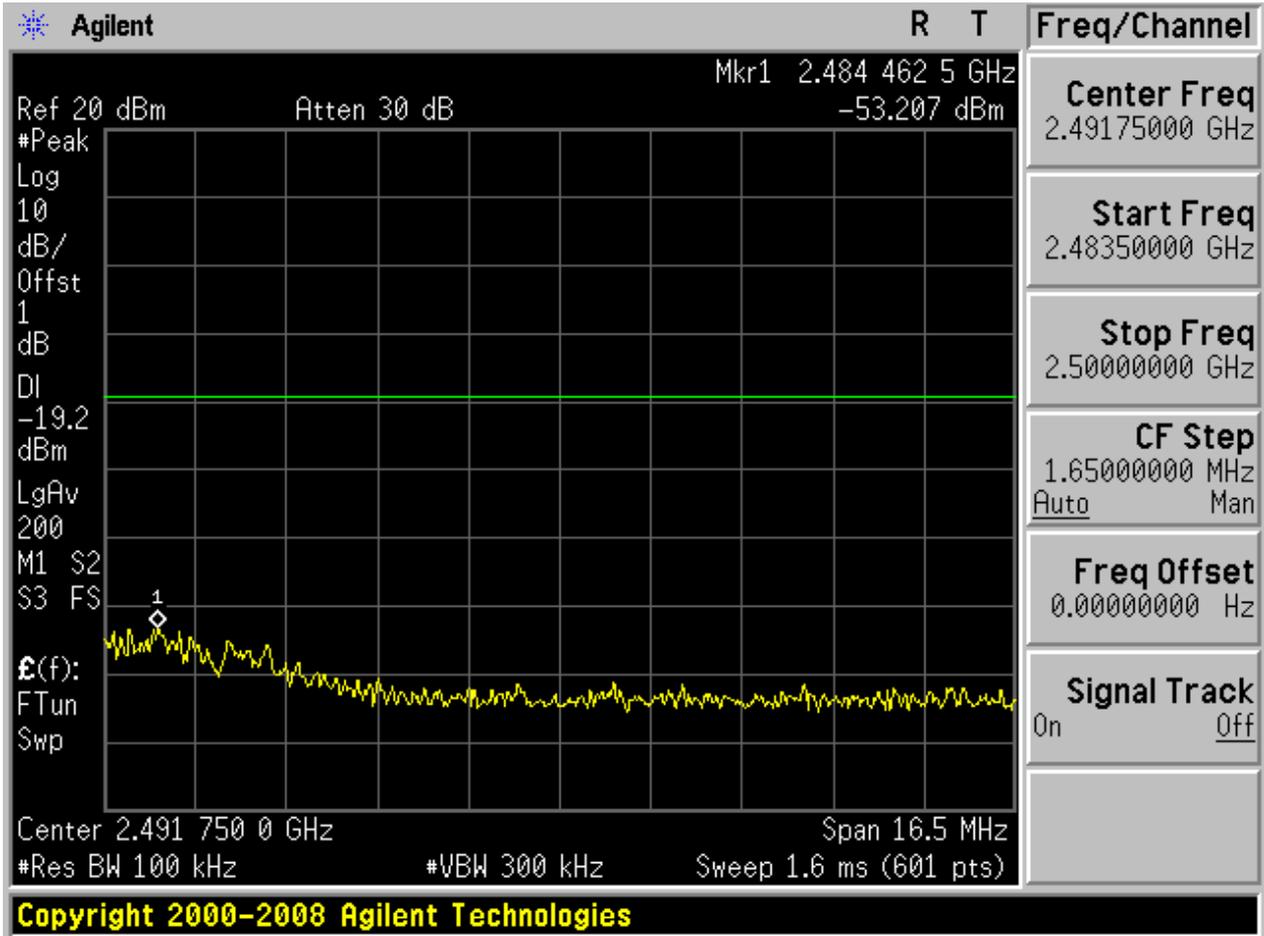
Puw:

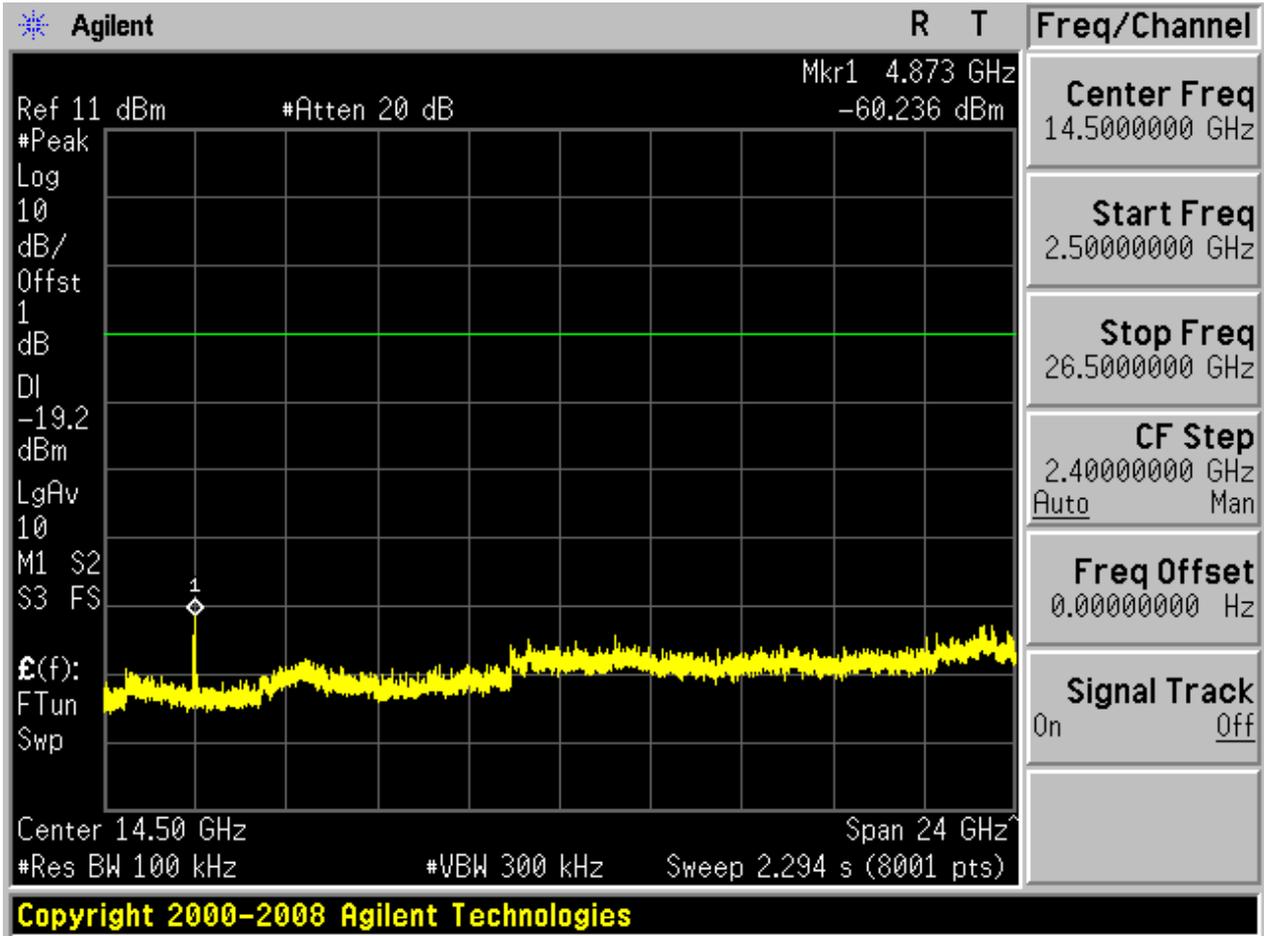






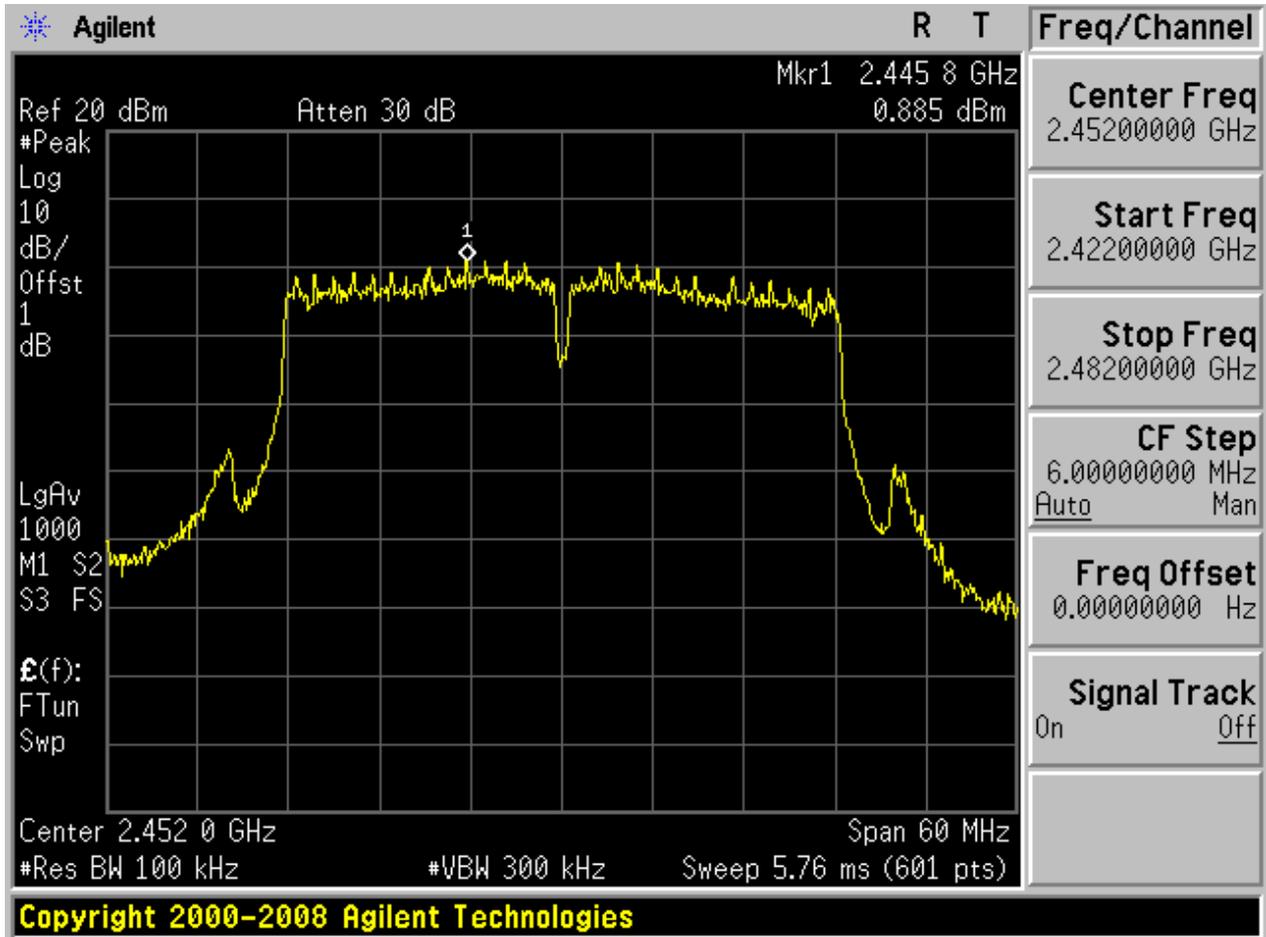






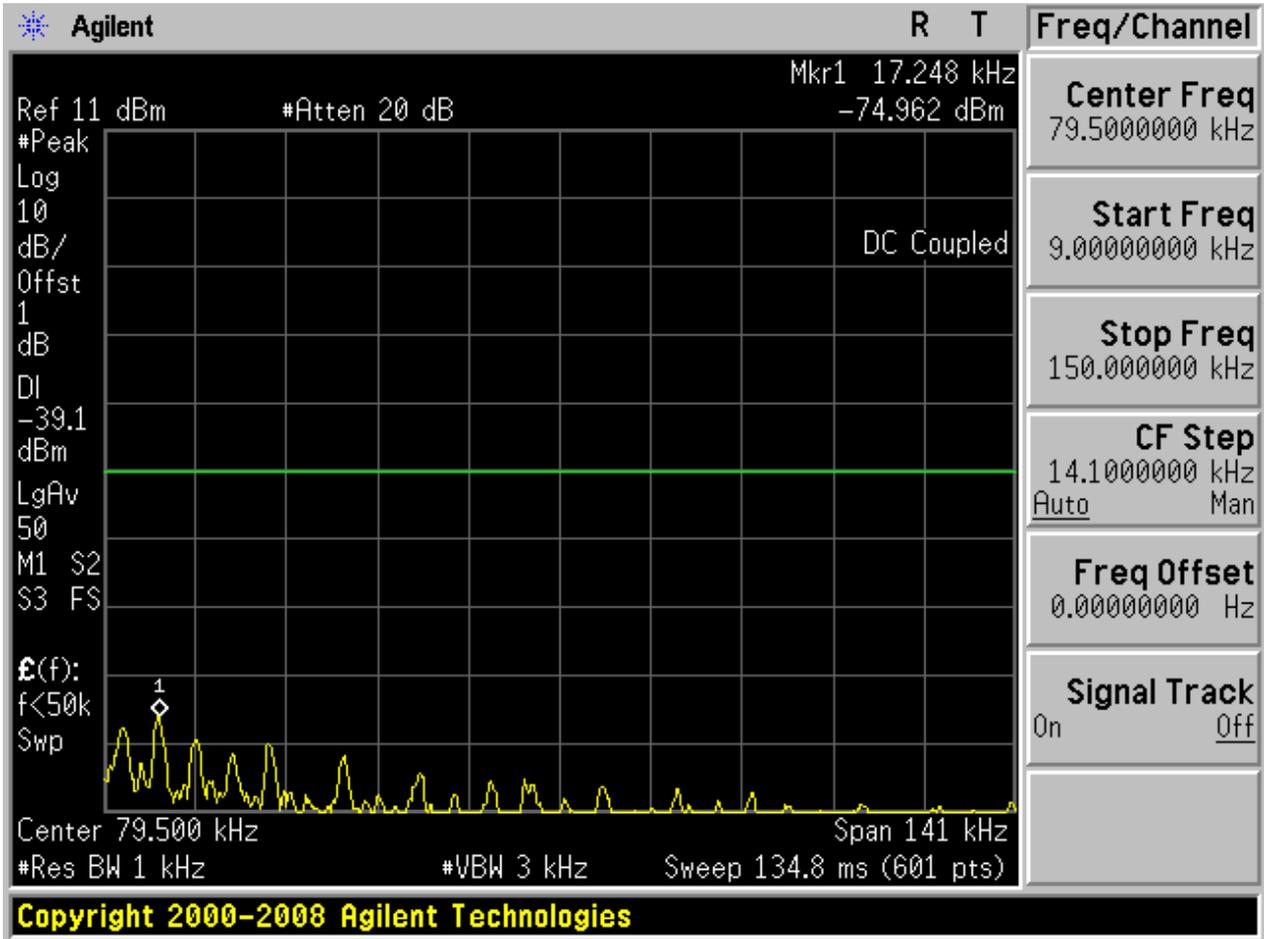
### 2.35 11N40m\_H@Ant 1

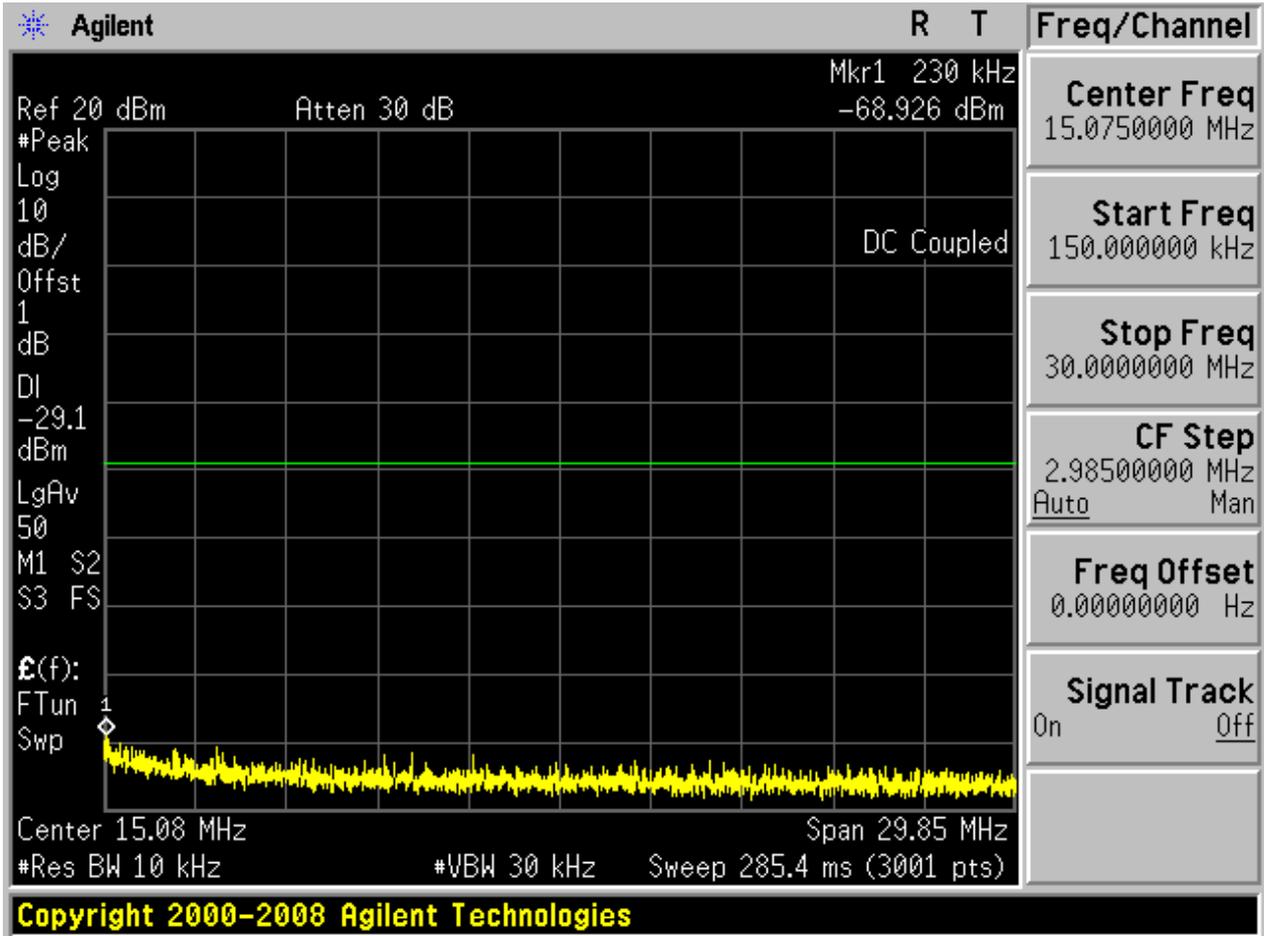
Pref:

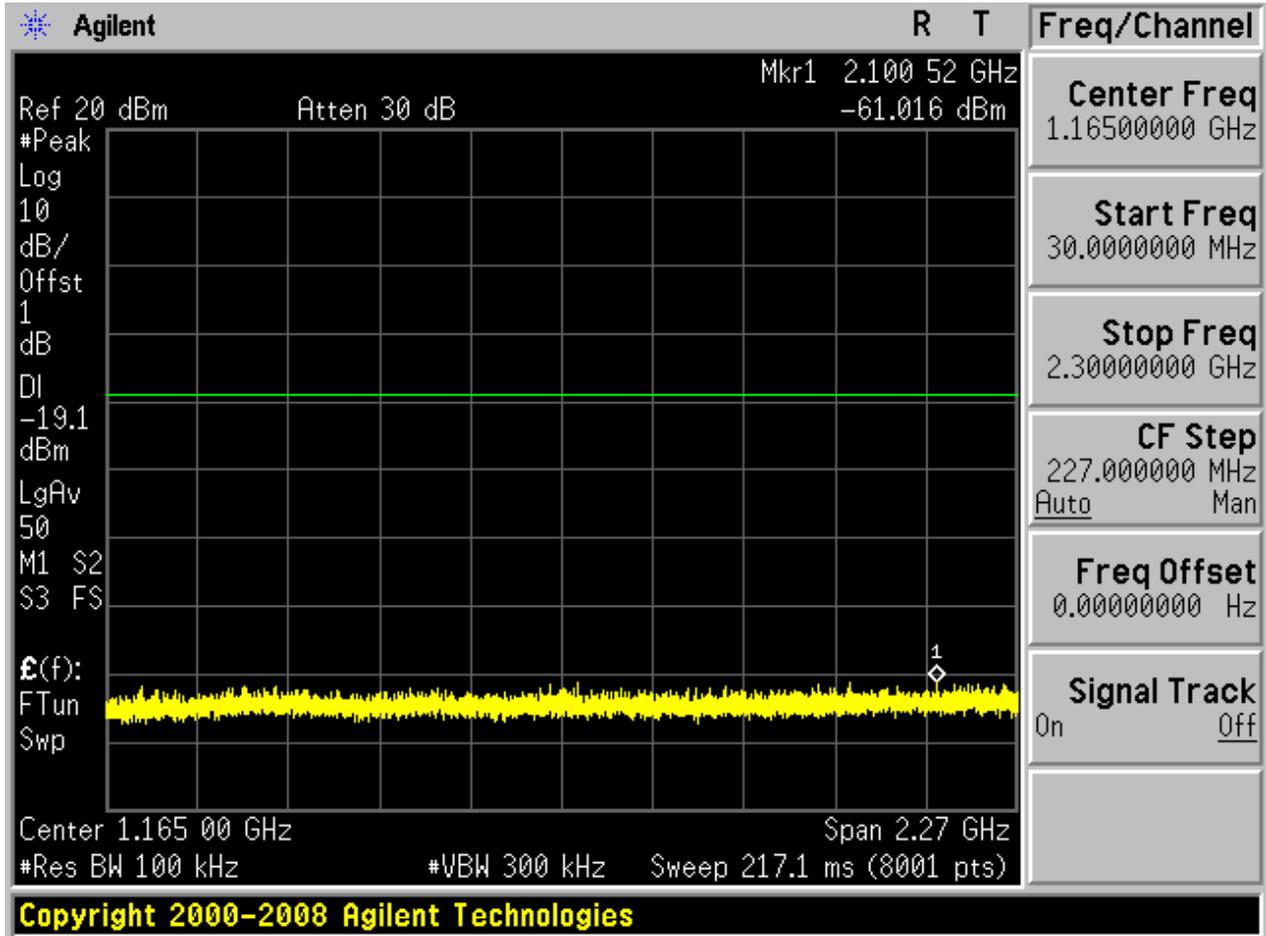


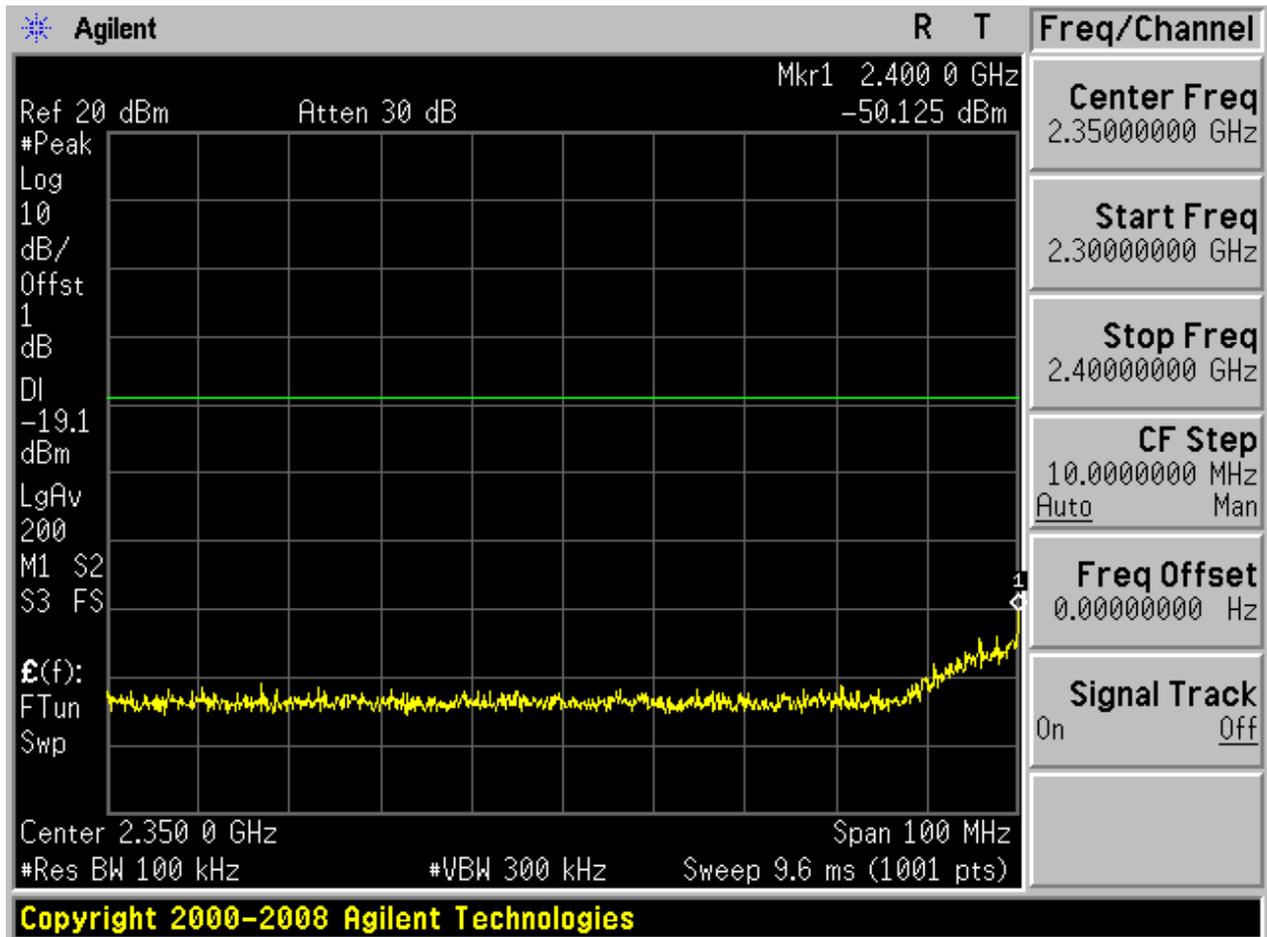


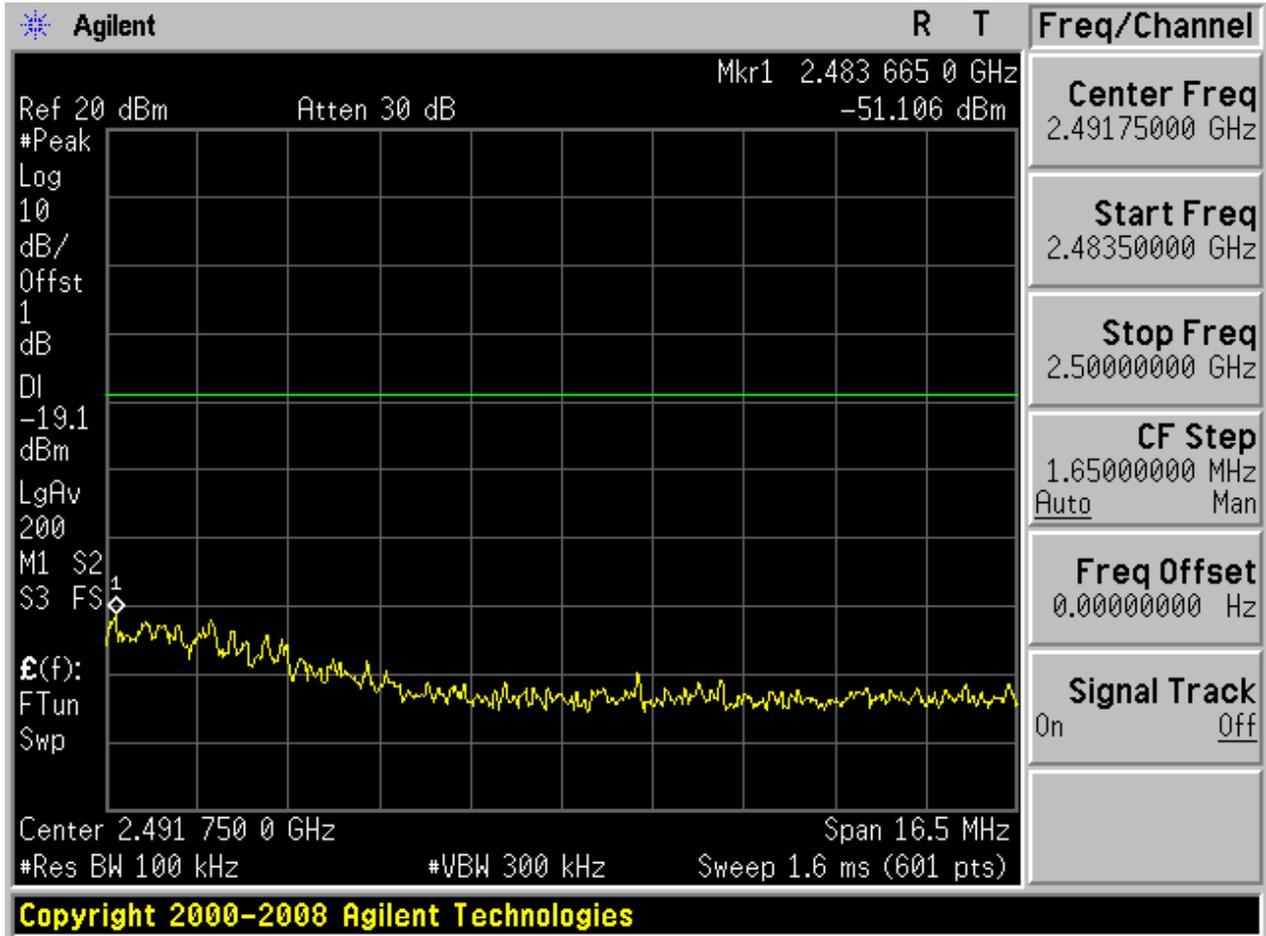
Puw:

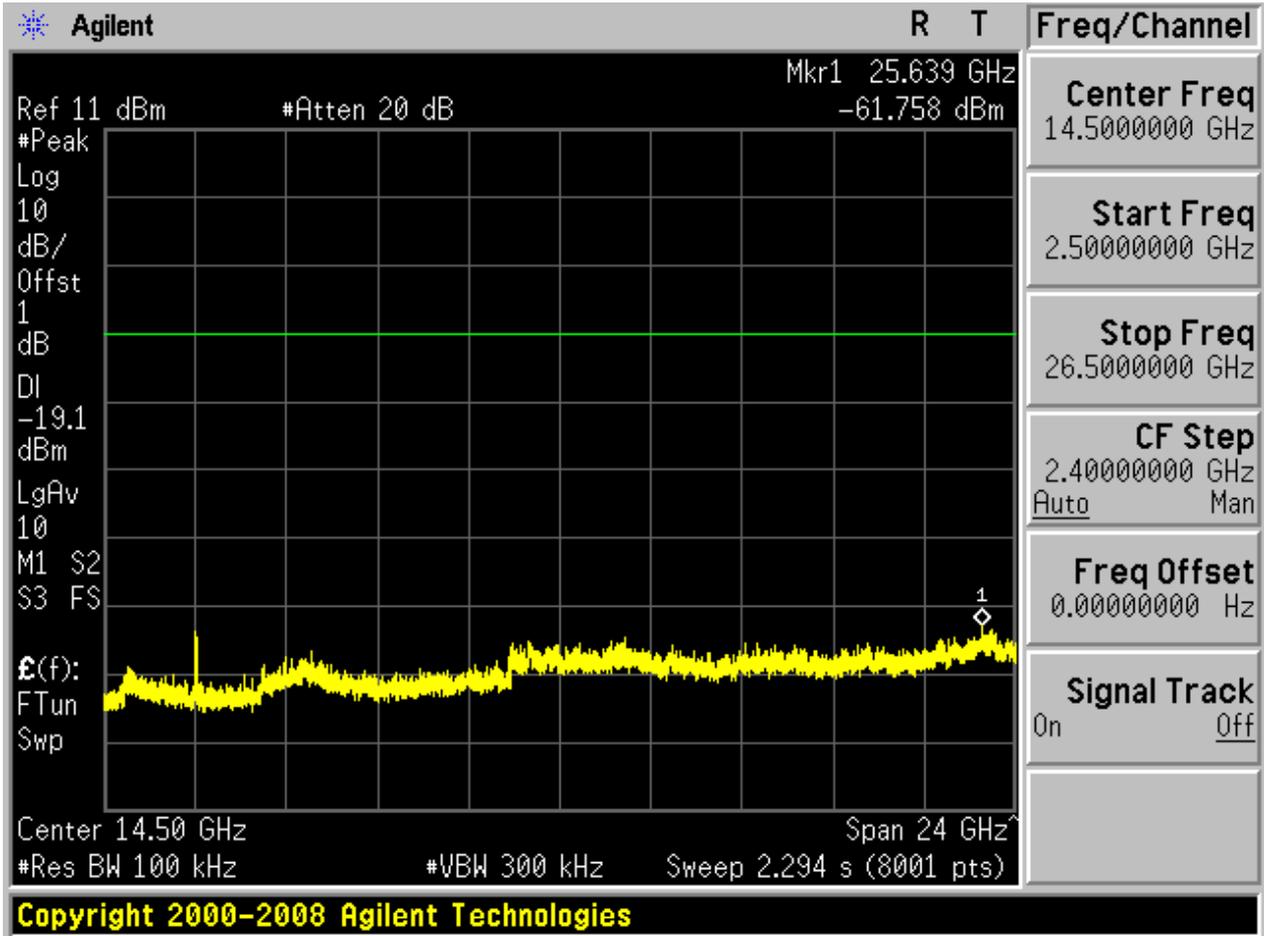






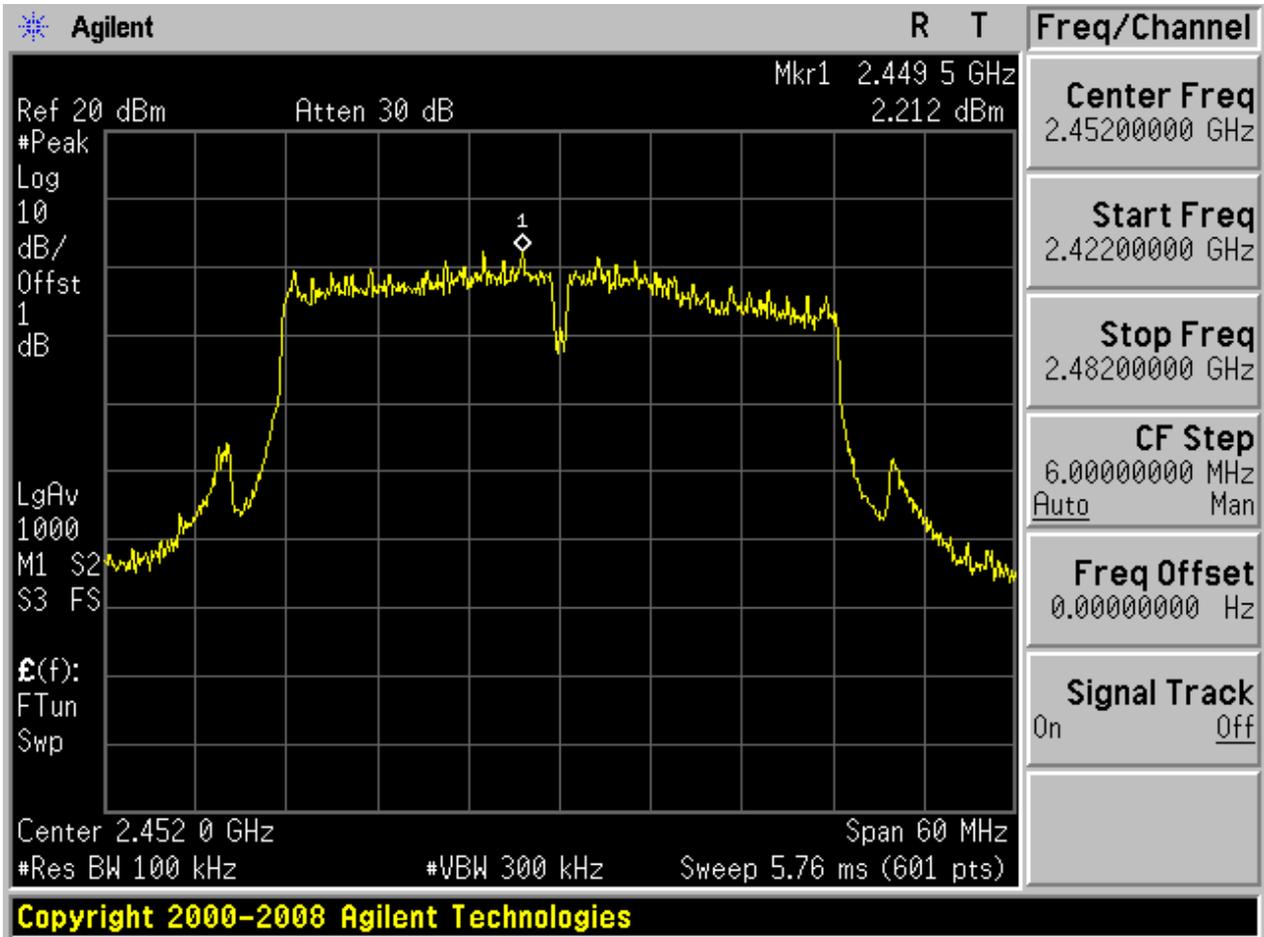




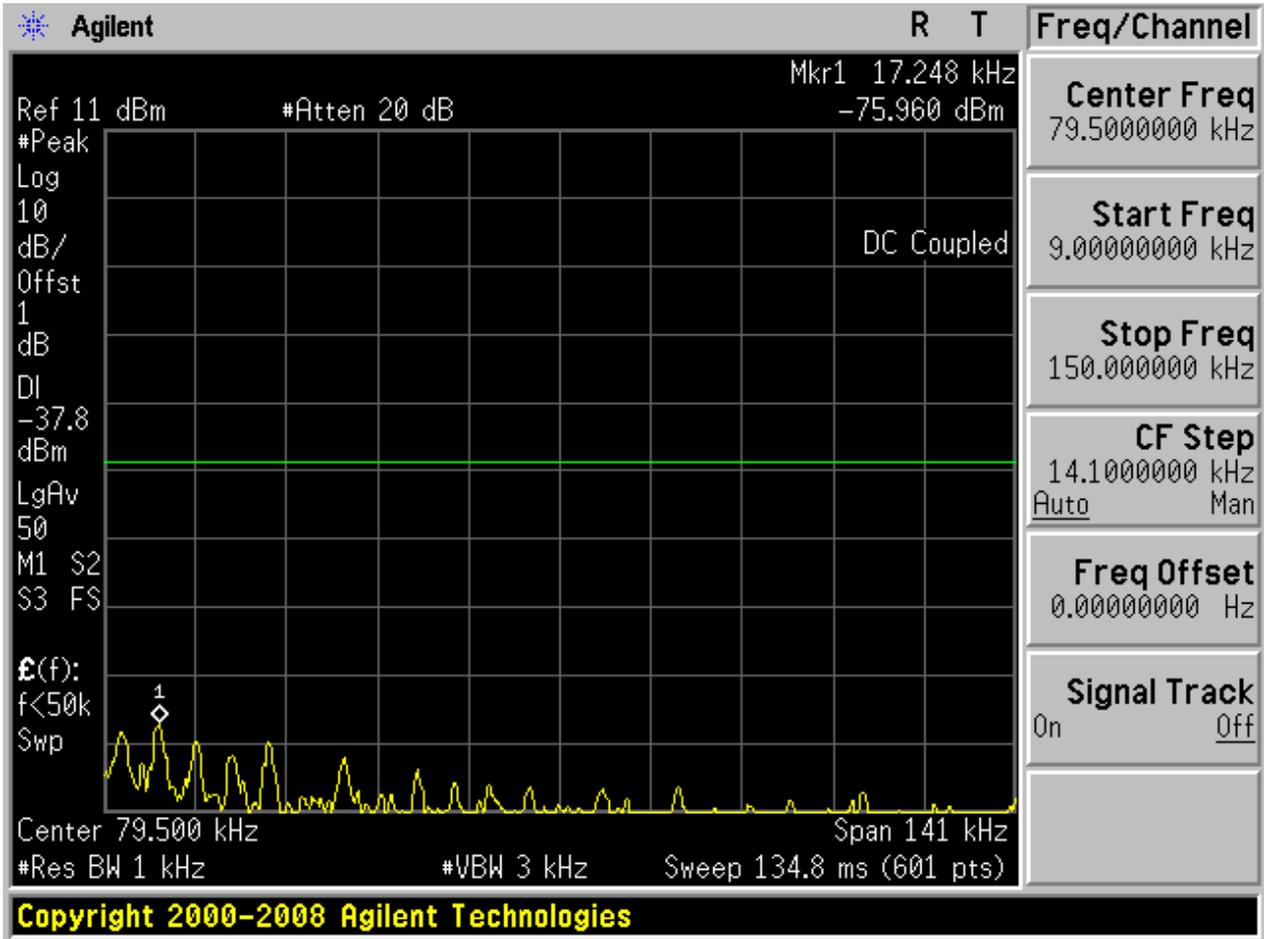


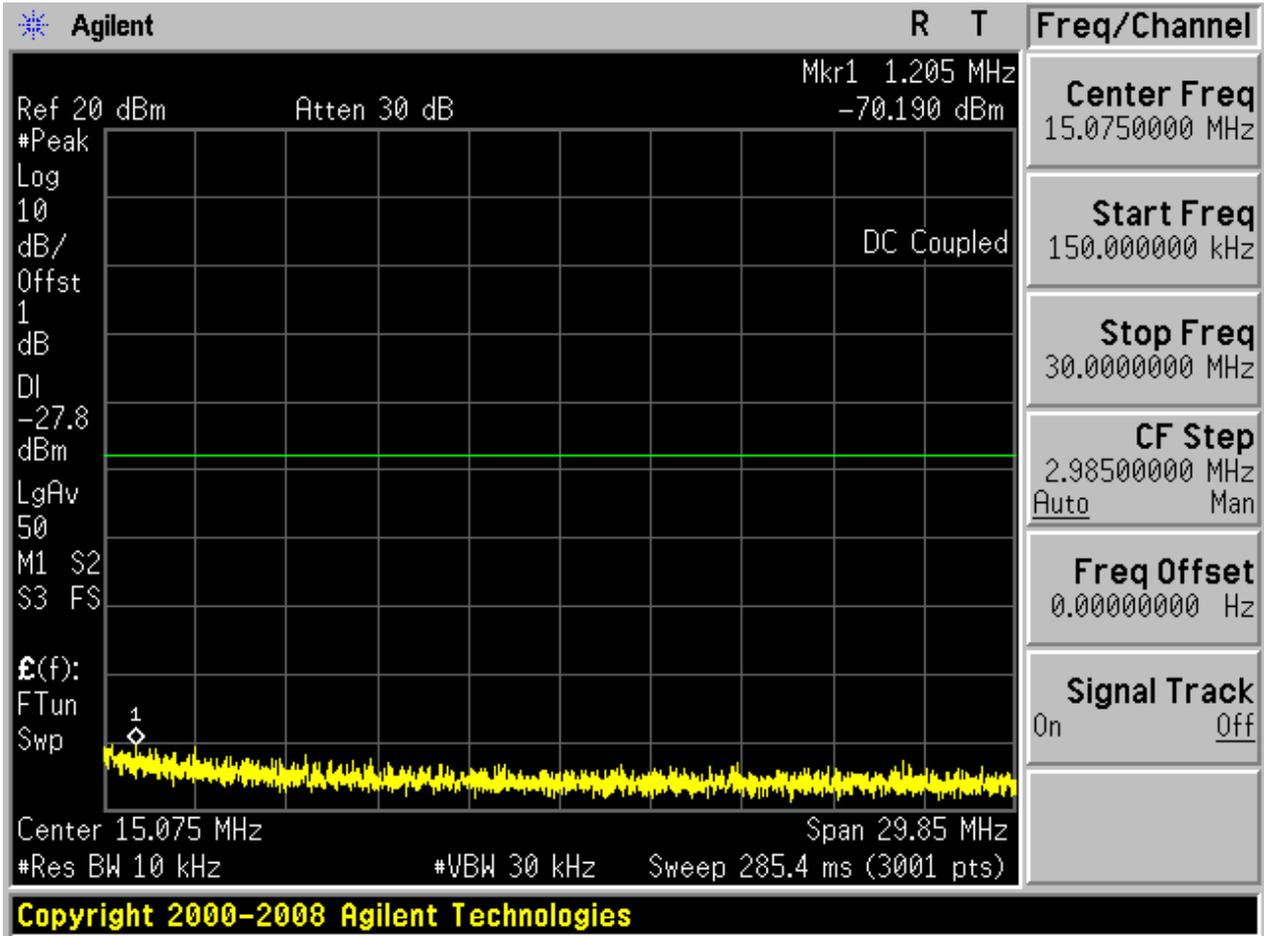
### 2.36 11N40m\_H@Ant 2

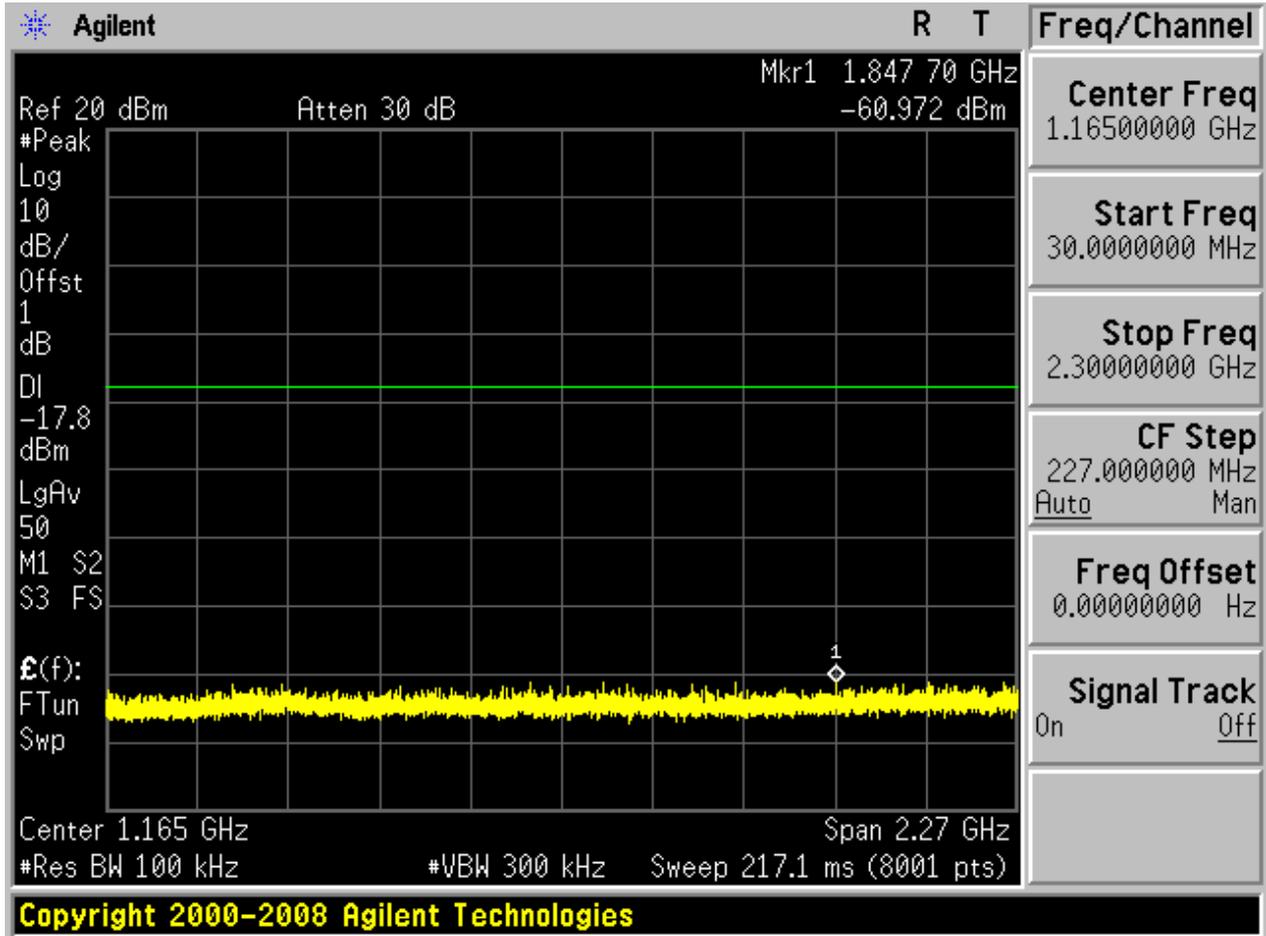
Pref:

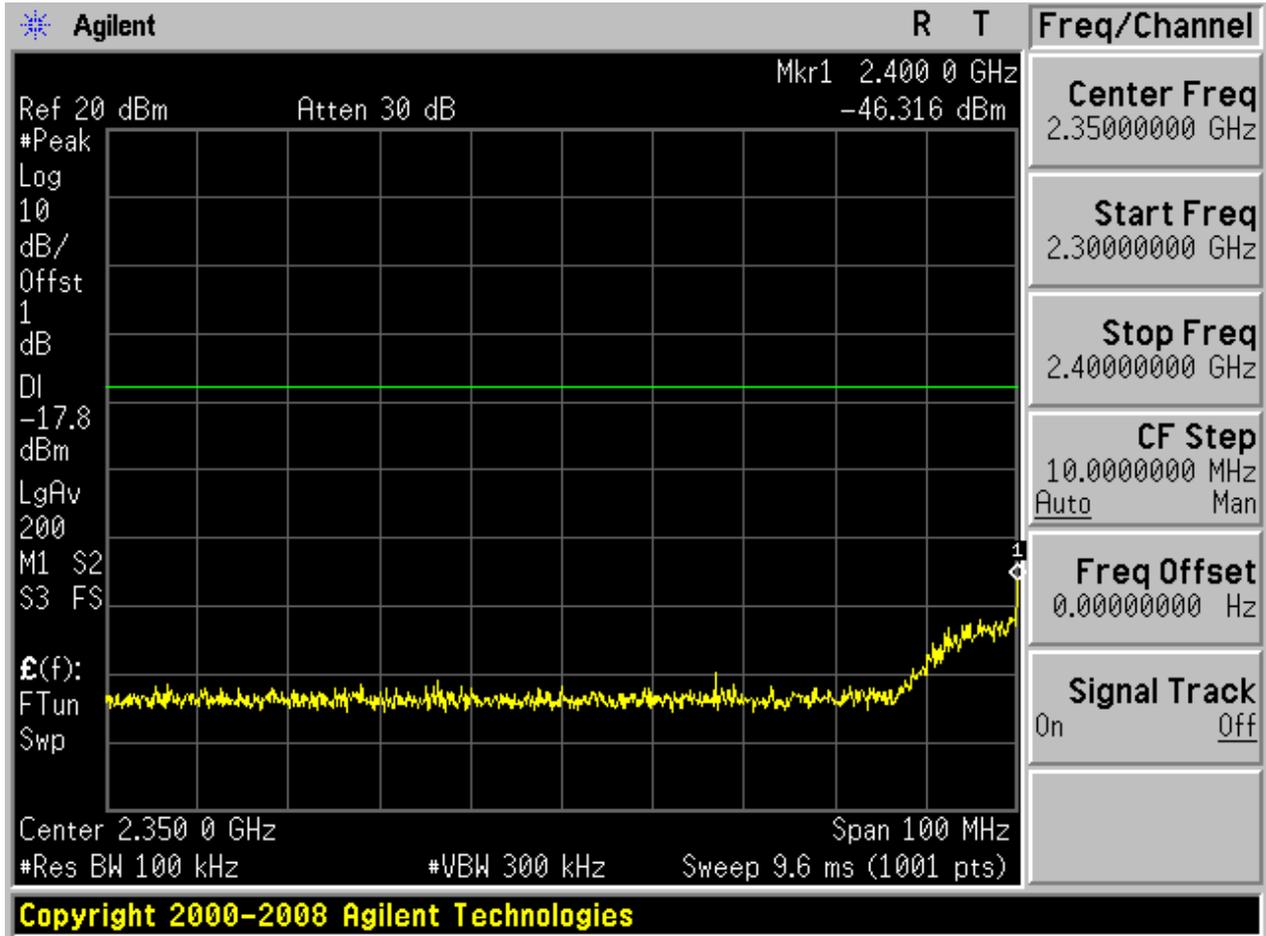


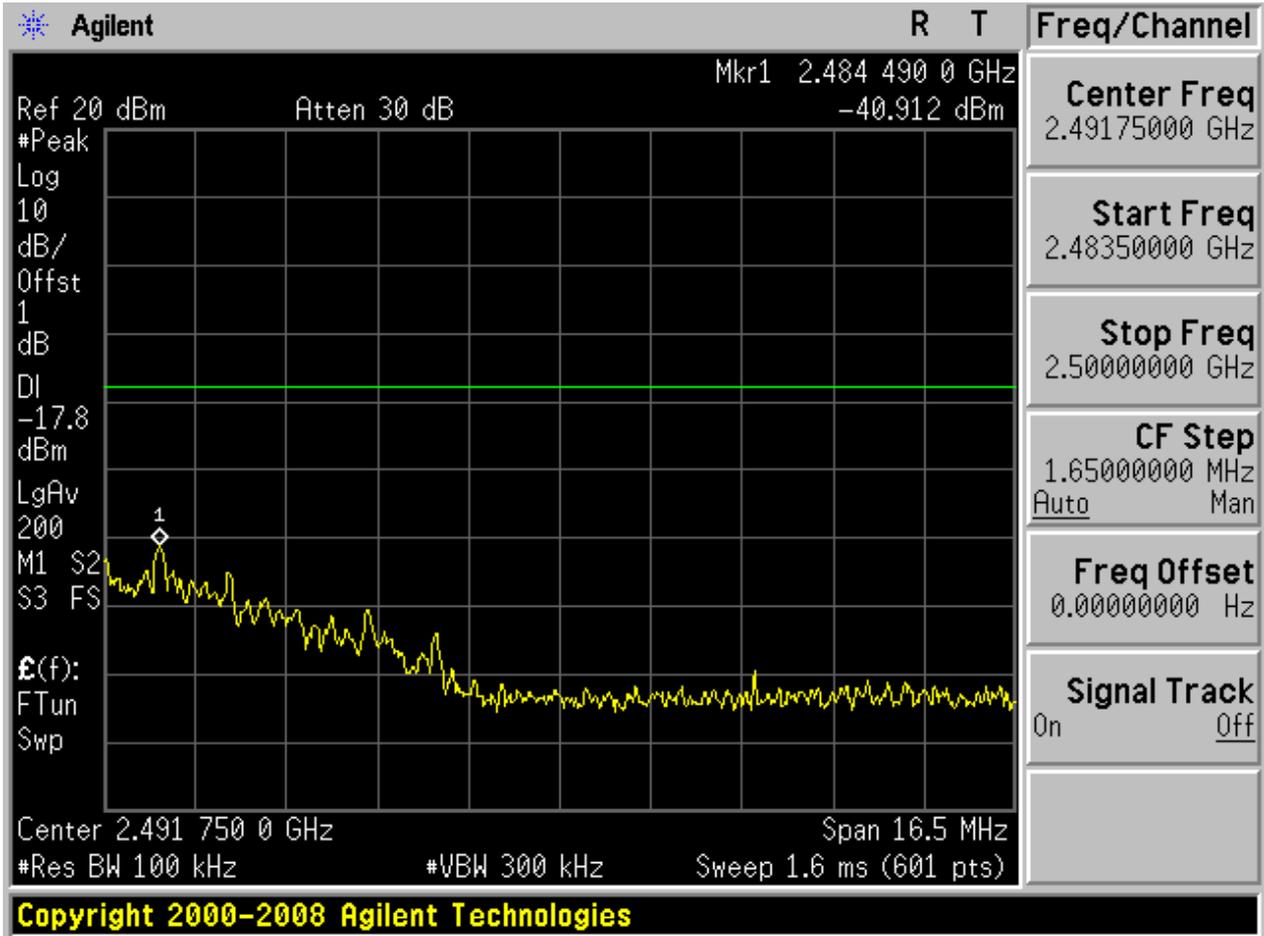
Puw:

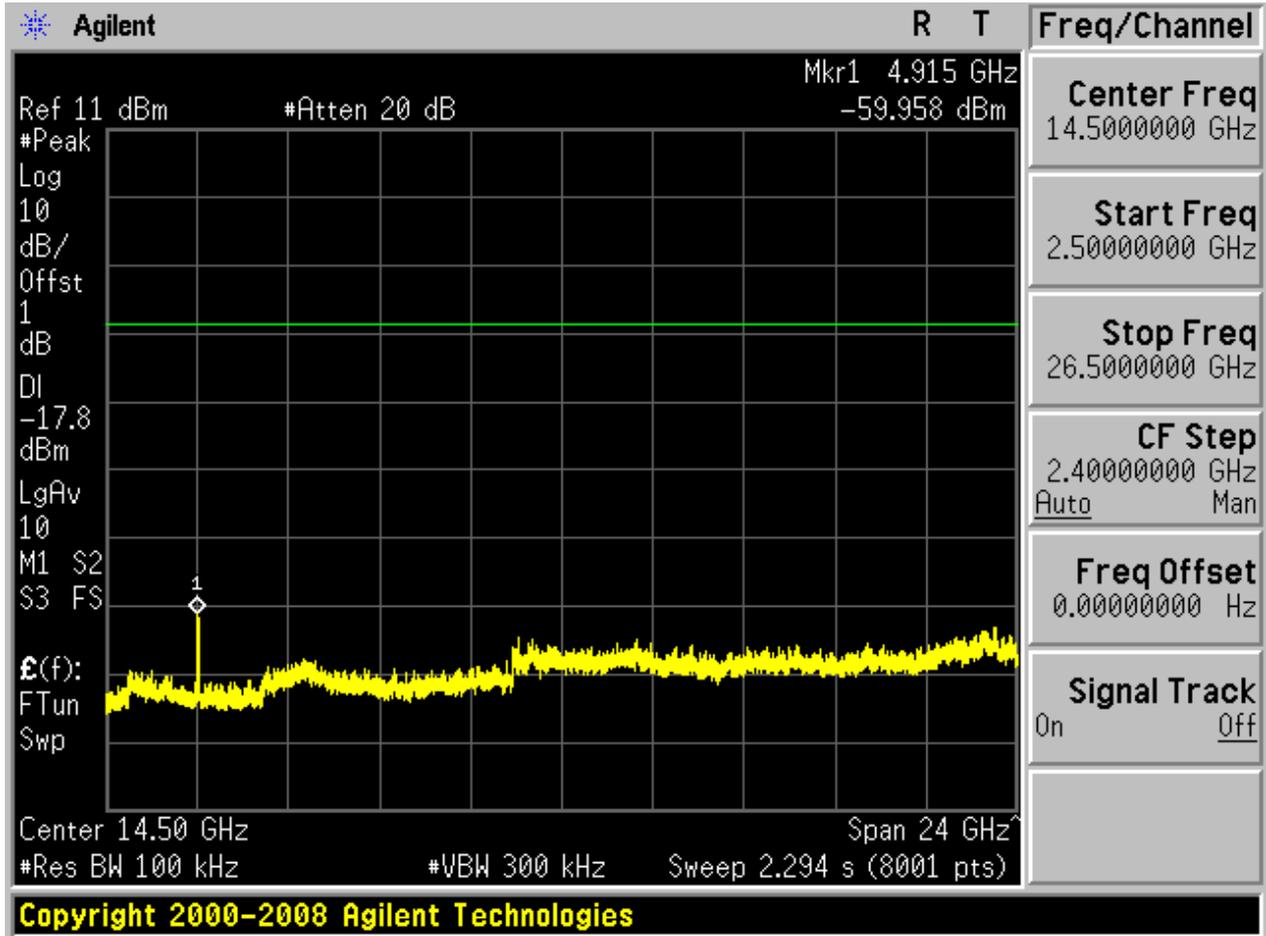












## Appendix F: Radiated Spurious Emission & Spurious in Restricted Band

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

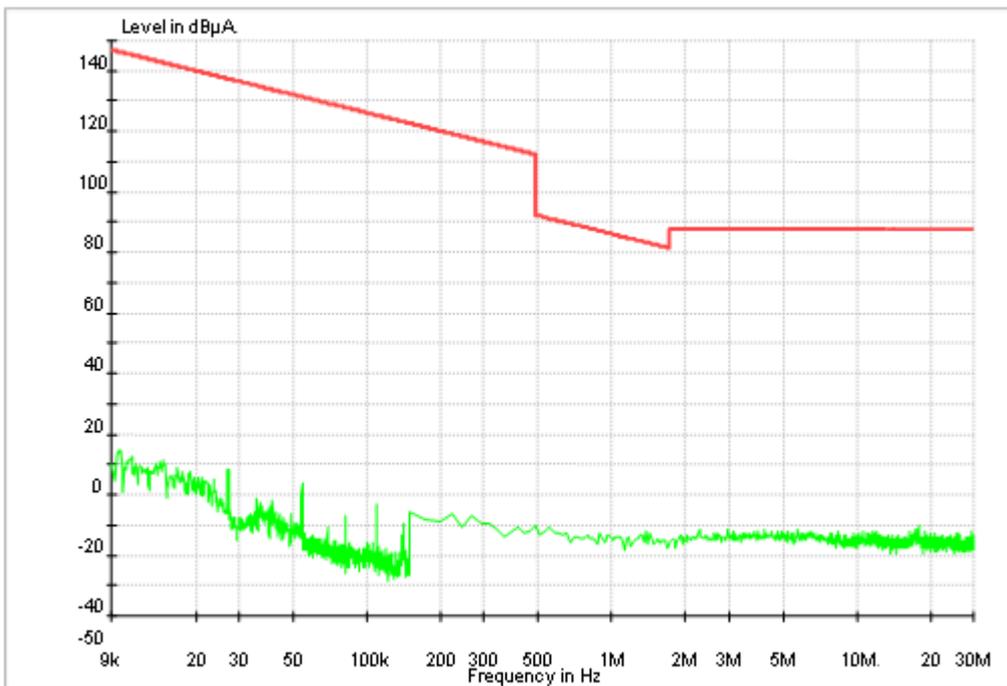
150kHz-30MHz, RBW = 9kHz, VBW = 30 kHz.

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”

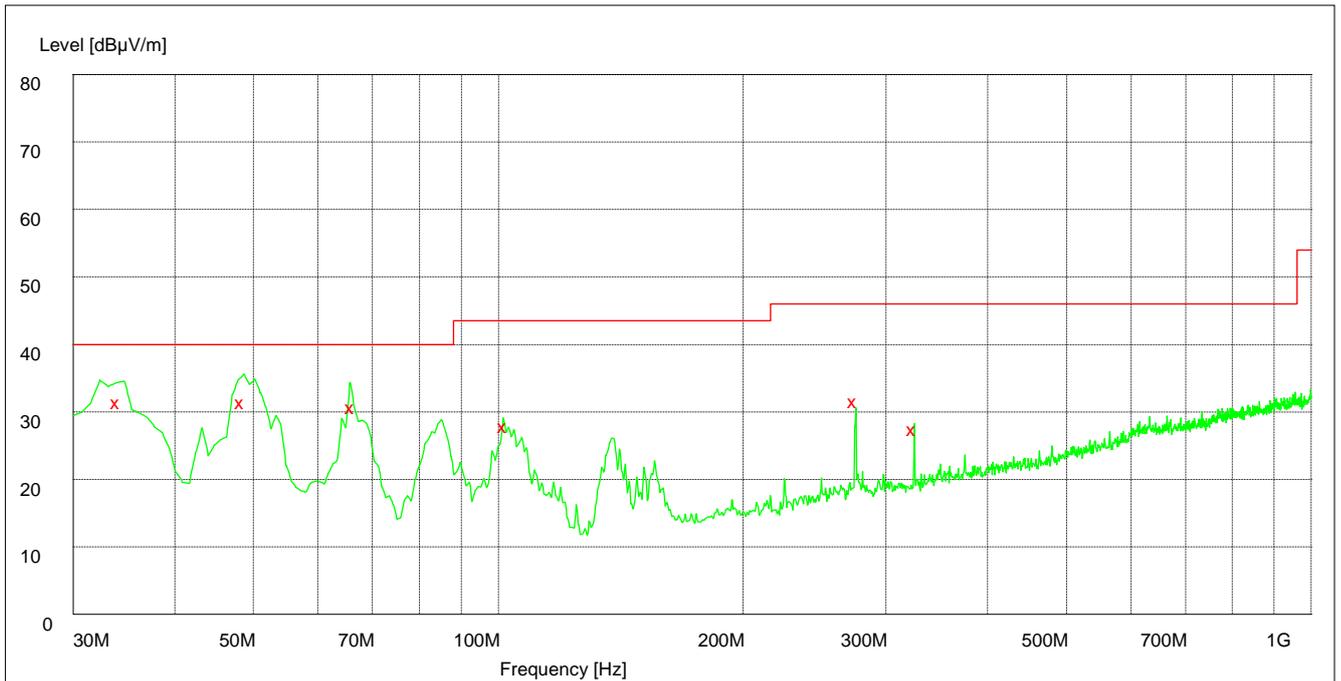


Note: No peak found in pre- test.

## 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.

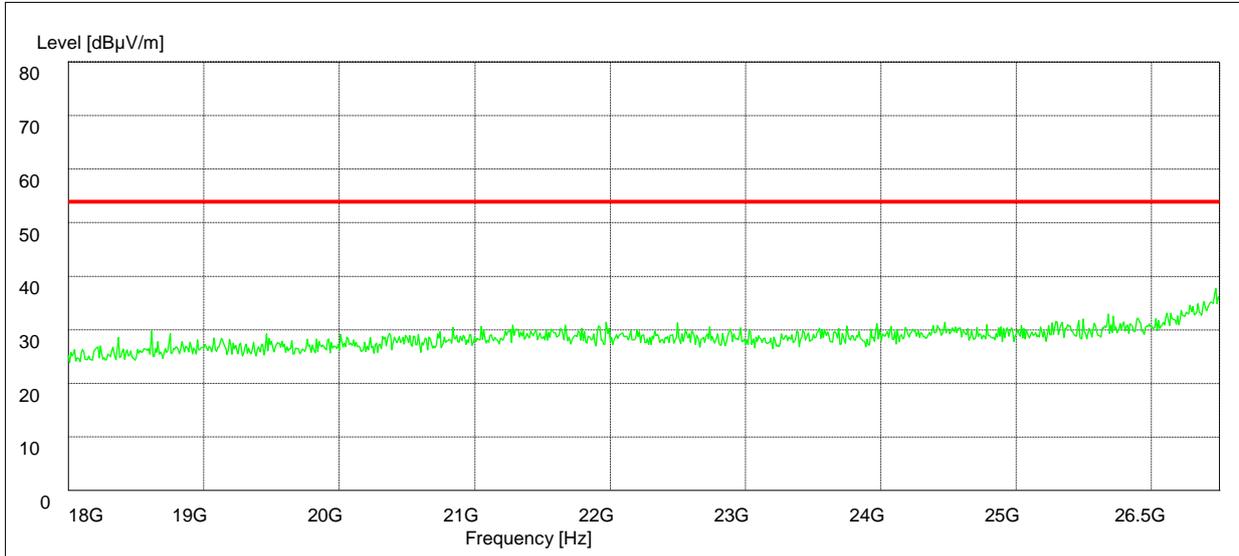
Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarisation
34.080000	32.70	11.8	40.0	7.3	100.0	236.00	VERTICAL
48.480000	32.80	13.0	40.0	7.2	100.0	302.00	VERTICAL
66.240000	32.00	9.9	40.0	8.0	111.0	276.00	VERTICAL
101.880000	29.20	13.0	43.5	14.3	100.0	170.00	VERTICAL
274.980000	32.90	14.9	46.0	13.1	122.0	170.00	HORIZONTAL
325.020000	28.80	16.3	46.0	17.2	100.0	151.00	HORIZONTAL

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



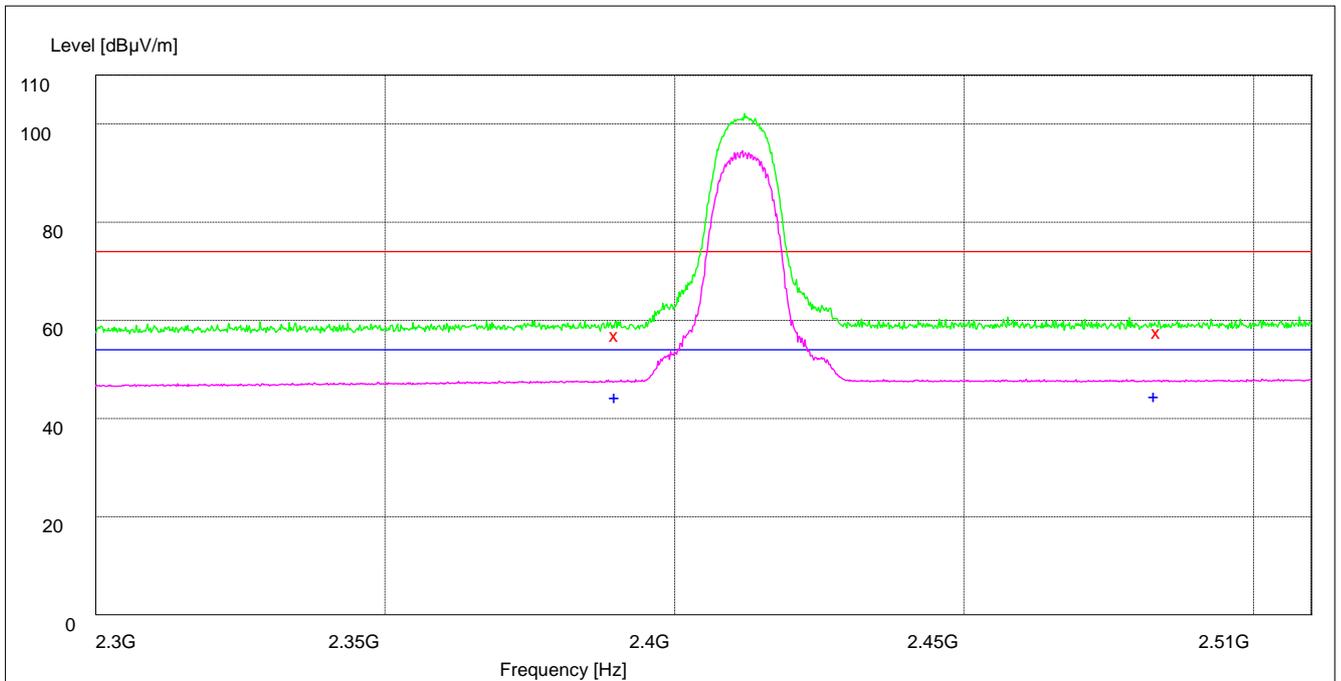
Note: No peak found in pre- test.

### 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

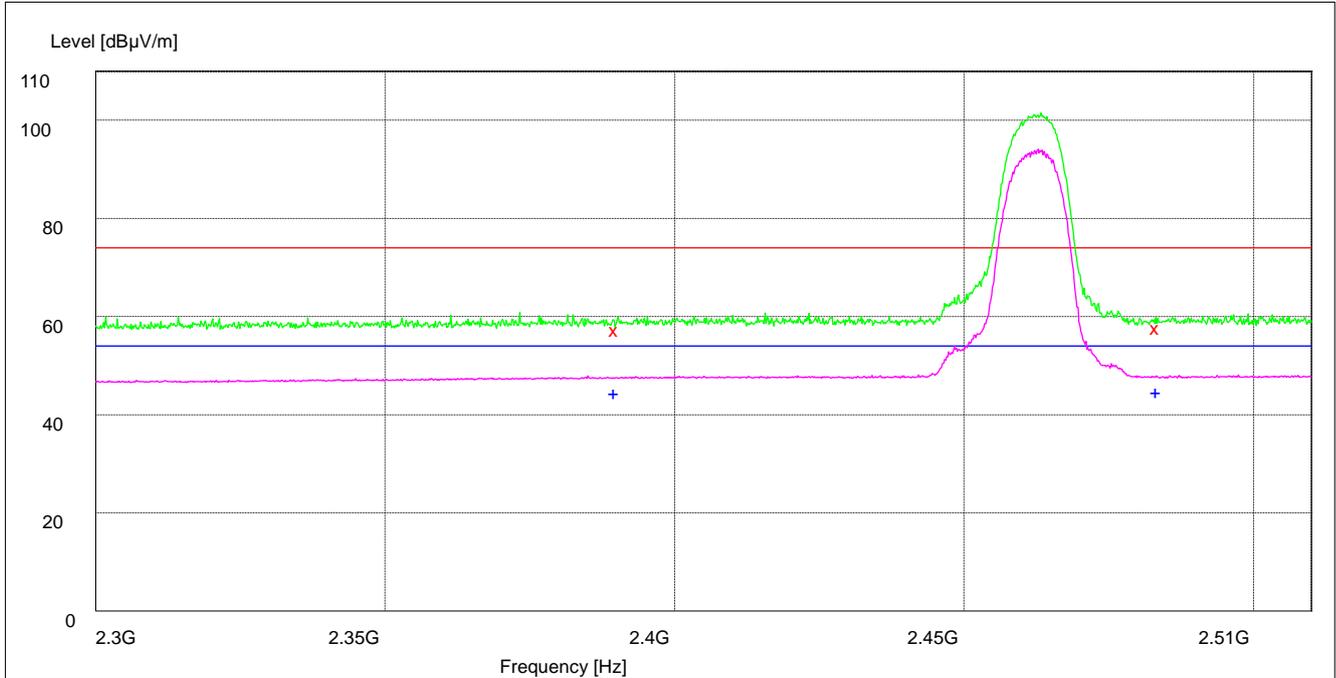
Frequency MHz	Level dB $\mu$ V/m	Transd dB	Limit dB $\mu$ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	58.70	34.8	74.0	15.3	150.0	35.00	VERTICAL
2483.500000	59.40	35.1	74.0	14.6	101.0	257.00	VERTICAL

#### 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
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2390.000000	46.50	34.8	54.0	7.5	149.0	75.00	HORIZONTAL
2483.500000	46.70	35.1	54.0	7.3	100.0	173.00	VERTICAL

**Channel 11**



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

**MEASUREMENT RESULT: PK Detector**

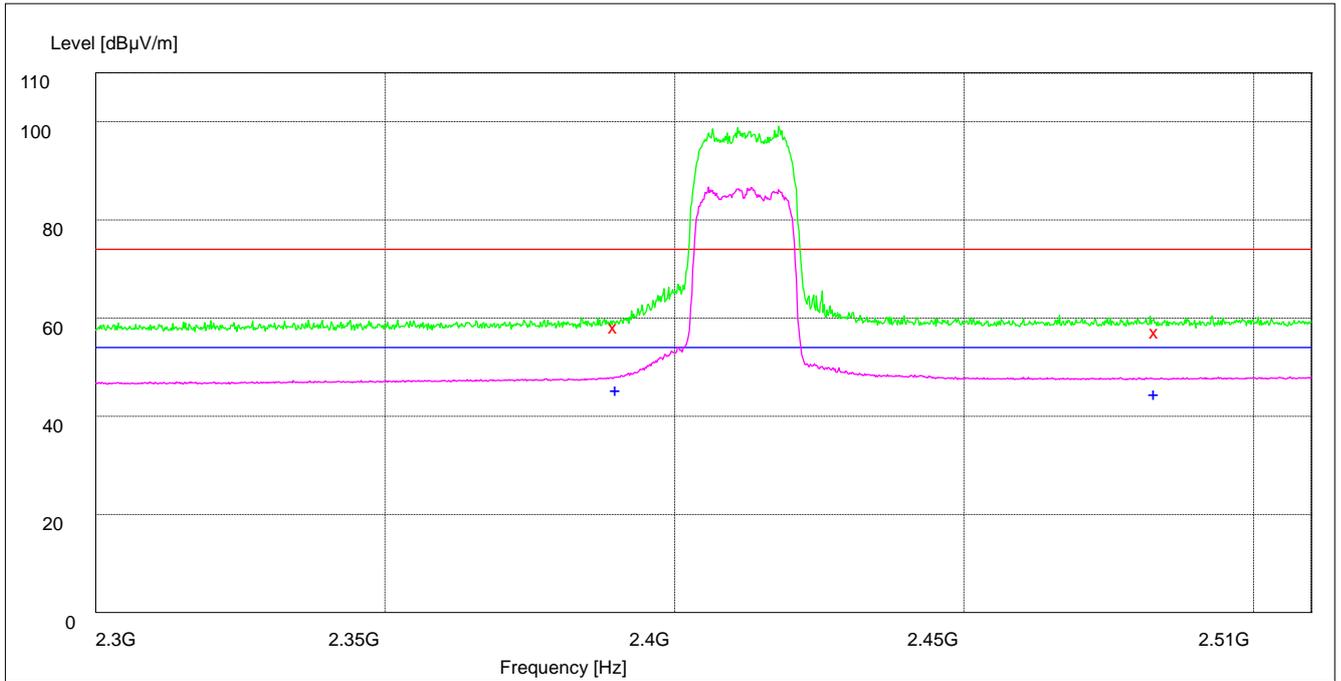
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.30	34.8	74.0	14.7	150.0	349.00	VERTICAL
2483.500000	59.50	35.1	74.0	14.5	150.0	241.00	VERTICAL

**MEASUREMENT RESULT: AV Detector**

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.50	34.8	54.0	7.5	104.0	175.00	VERTICAL
2483.500000	46.70	35.1	54.0	7.3	104.0	59.00	HORIZONTAL

**Test Mode: 11G/ Antenna 1**

**Channel 01**



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

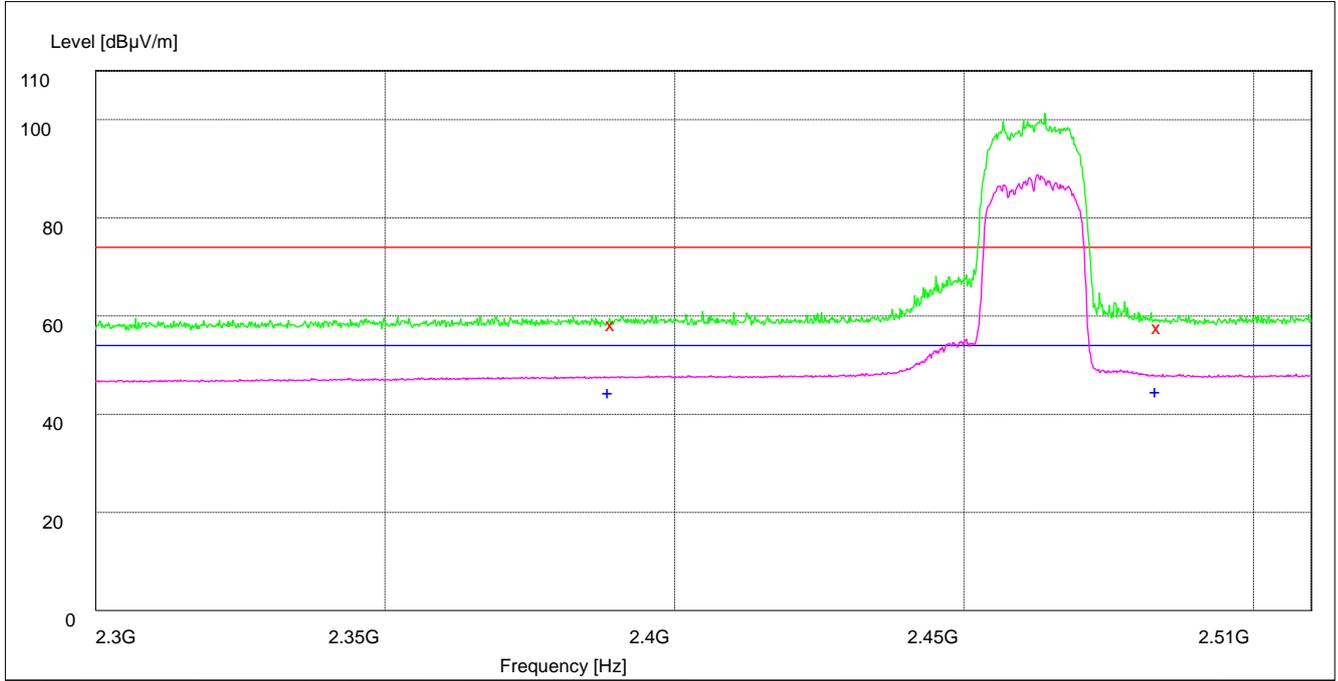
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.30	34.8	74.0	13.7	100.0	248.00	HORIZONTAL
2483.500000	59.40	35.1	74.0	14.6	115.0	54.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.40	34.8	54.0	6.6	111.0	68.00	VERTICAL
2483.500000	46.40	35.1	54.0	7.6	107.0	1402.00	VERTICAL

**Channel 11**



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

**MEASUREMENT RESULT: PK Detector**

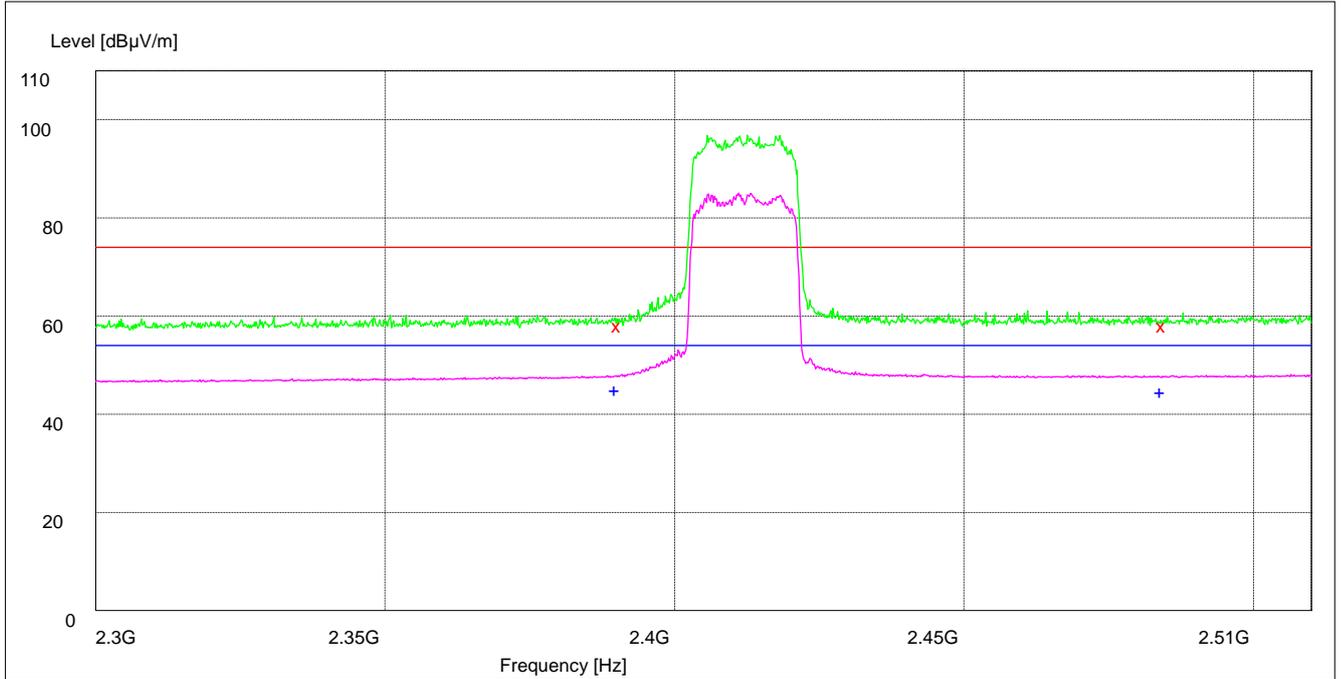
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.40	34.8	74.0	13.6	107.0	355.00	VERTICAL
2483.500000	59.80	35.1	74.0	14.2	100.0	191.00	VERTICAL

**MEASUREMENT RESULT: AV Detector**

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.50	34.8	54.0	7.5	150.0	243.00	VERTICAL
2483.500000	46.80	35.1	54.0	7.2	100.0	145.00	HORIZONTAL

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

**Channel 01**



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

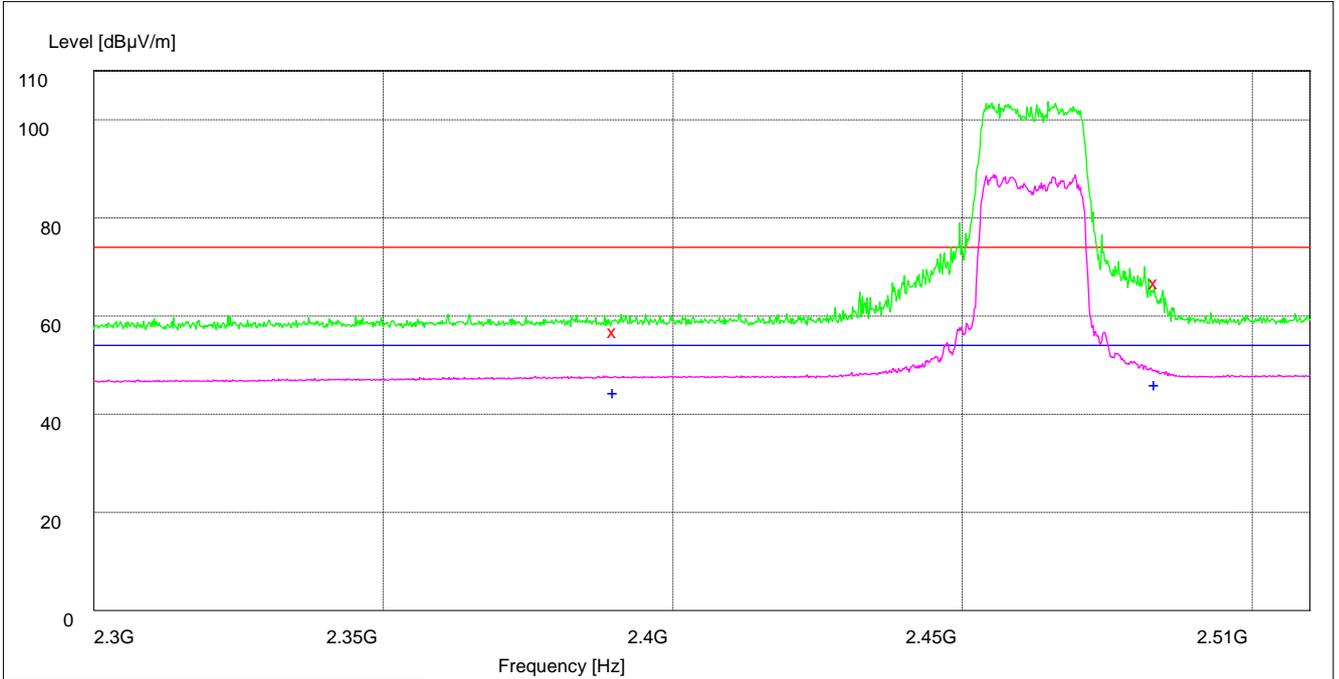
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.70	34.8	74.0	14.3	134.0	57.00	HORIZONTAL
2483.500000	59.80	35.1	74.0	14.2	149.0	123.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.70	34.8	54.0	7.3	120.0	275.00	VERTICAL
2483.500000	46.60	35.1	54.0	7.4	100.0	17.00	VERTICAL

**Channel 11**



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

**MEASUREMENT RESULT: PK Detector**

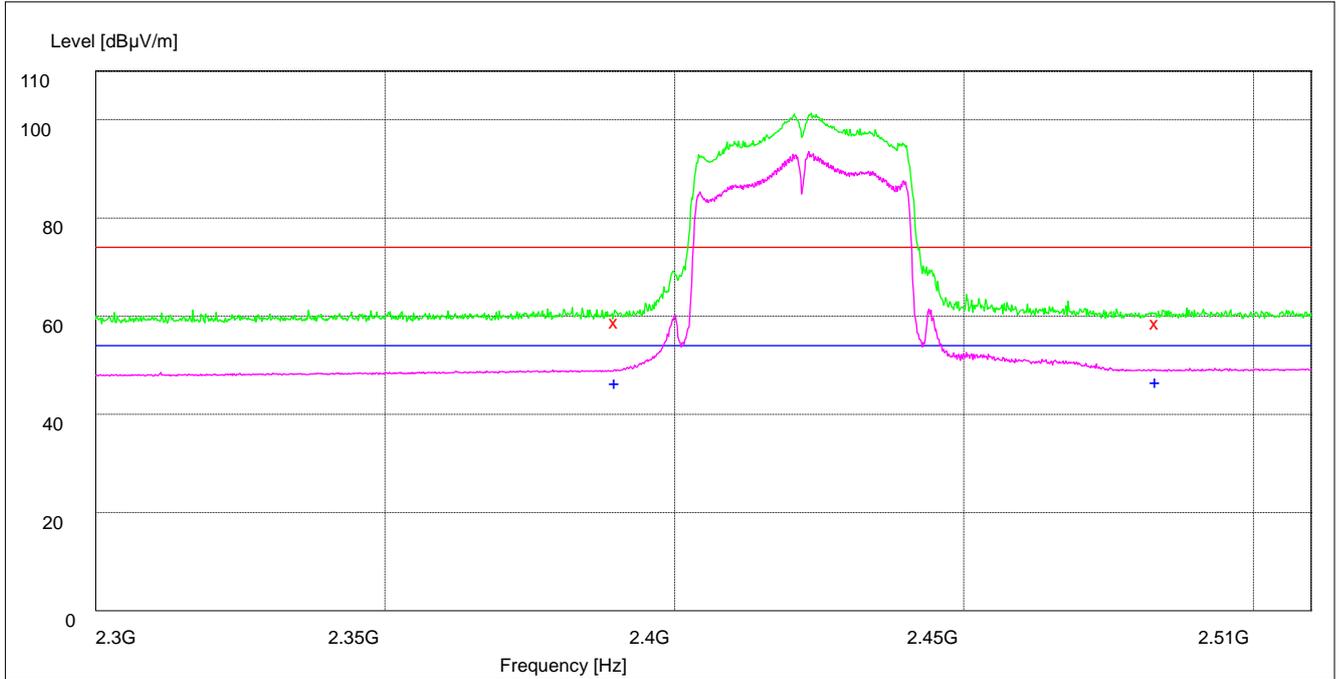
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	58.70	34.8	74.0	15.3	112.0	74.00	VERTICAL
2483.500000	68.60	35.1	74.0	5.4	100.0	119.00	HORIZONTAL

**MEASUREMENT RESULT: AV Detector**

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.60	34.8	54.0	7.4	100.0	102.00	HORIZONTAL
2483.500000	48.00	35.1	54.0	6.0	101.0	184.00	HORIZONTAL

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

**Channel 03**



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

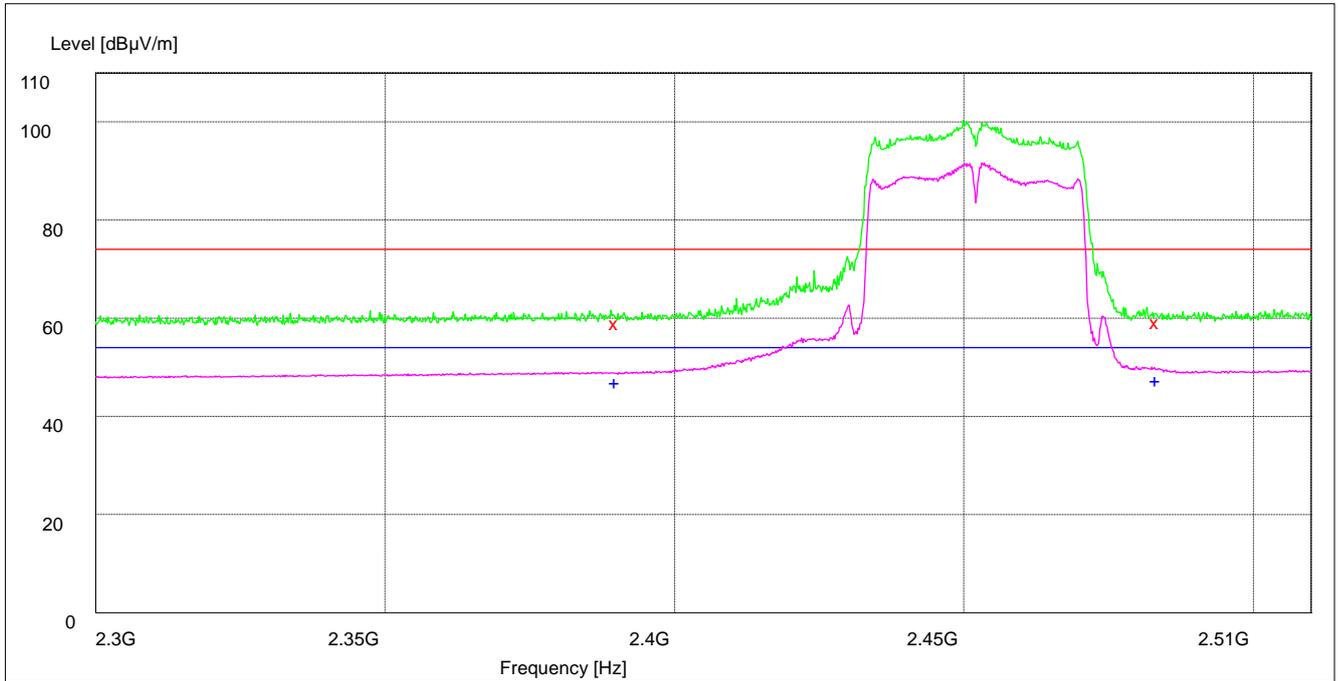
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.70	34.8	74.0	13.3	138.0	254.00	VERTICAL
2483.500000	60.60	35.1	74.0	13.4	100.0	41.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.60	34.8	54.0	5.4	109.0	176.00	VERTICAL
2483.500000	48.50	35.1	54.0	5.5	100.0	218.00	HORIZONTAL

**Channel 09**



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

**MEASUREMENT RESULT: PK Detector**

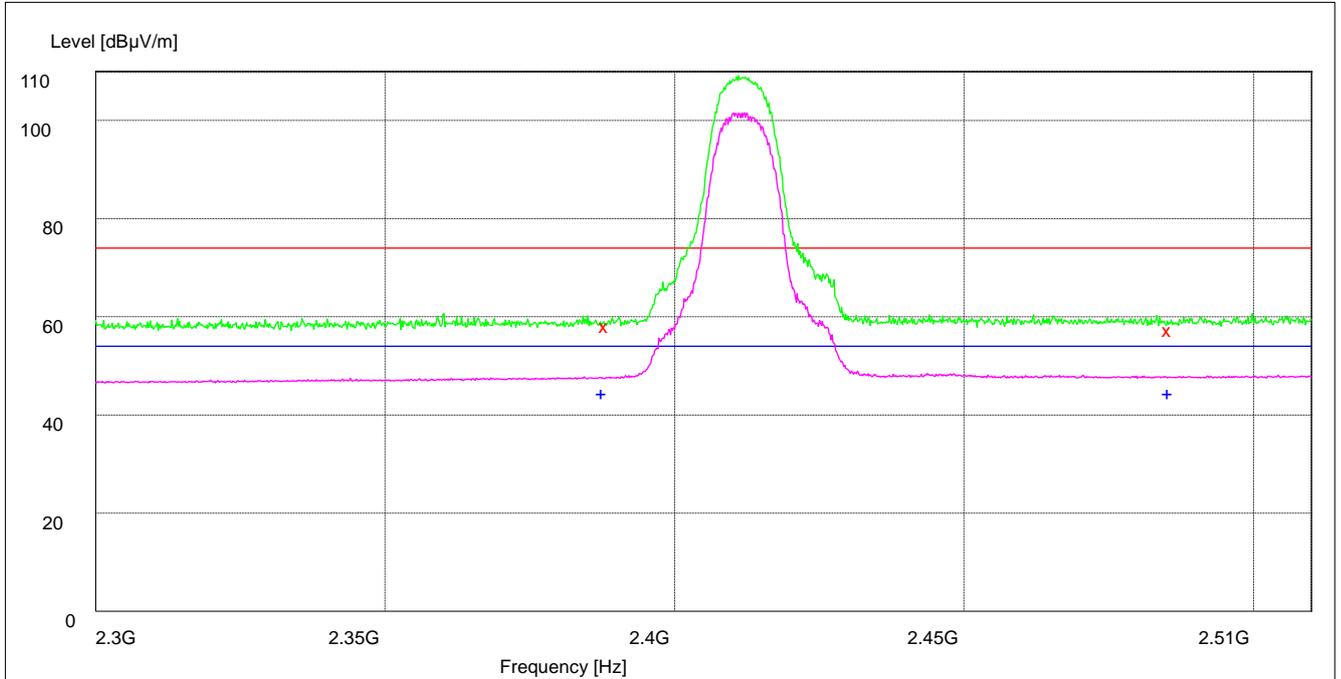
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.60	34.8	74.0	13.4	100.0	13.00	VERTICAL
2483.500000	61.00	35.1	74.0	13.0	100.0	270.00	HORIZONTAL

**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	173.00	VERTICAL
2483.500000	49.30	35.1	54.0	4.7	100.0	221.00	HORIZONTAL

**Test Mode: 11B/ Antenna 2**

**Channel 01**



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

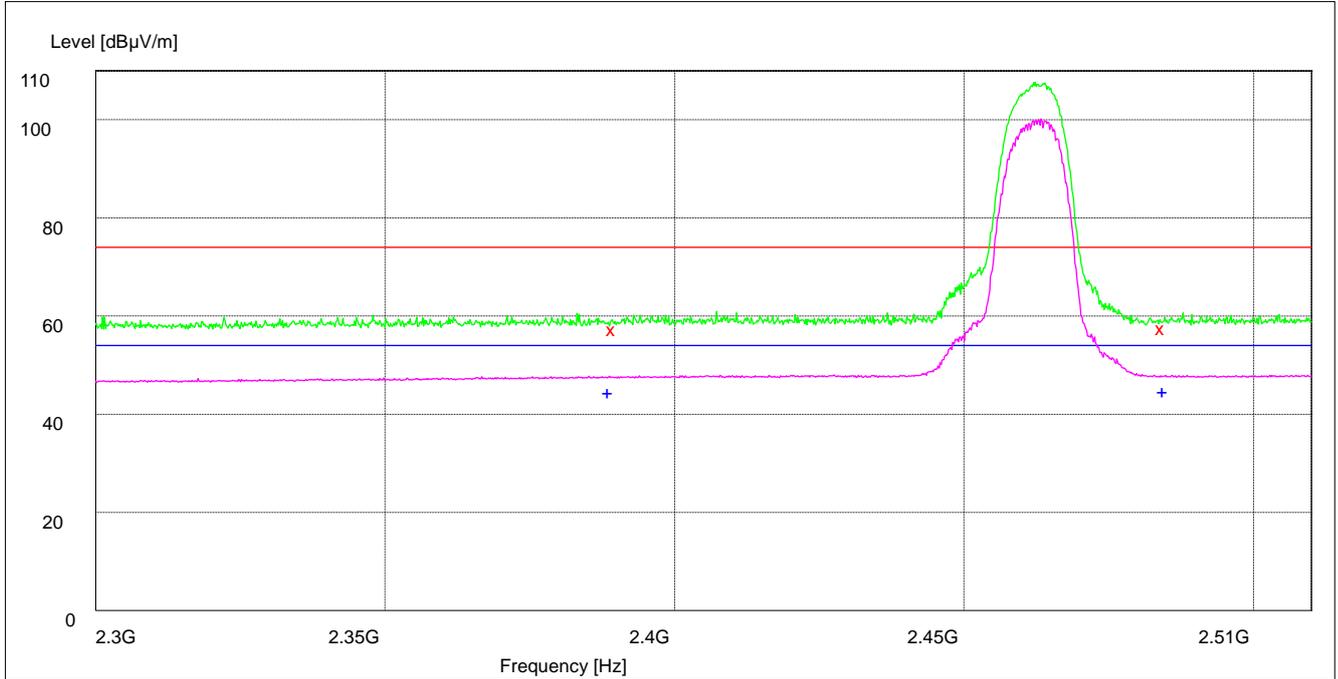
**MEASUREMENT RESULT: PK Detector**

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.80	34.8	74.0	14.2	124.0	221.00	HORIZONTAL
2483.500000	59.10	35.1	74.0	14.9	149.0	4.00	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	34.8	54.0	7.6	105.0	236.00	HORIZONTAL
2483.500000	46.60	35.1	54.0	7.4	137.0	68.00	HORIZONTAL

**Channel 11**



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

**MEASUREMENT RESULT: PK Detector**

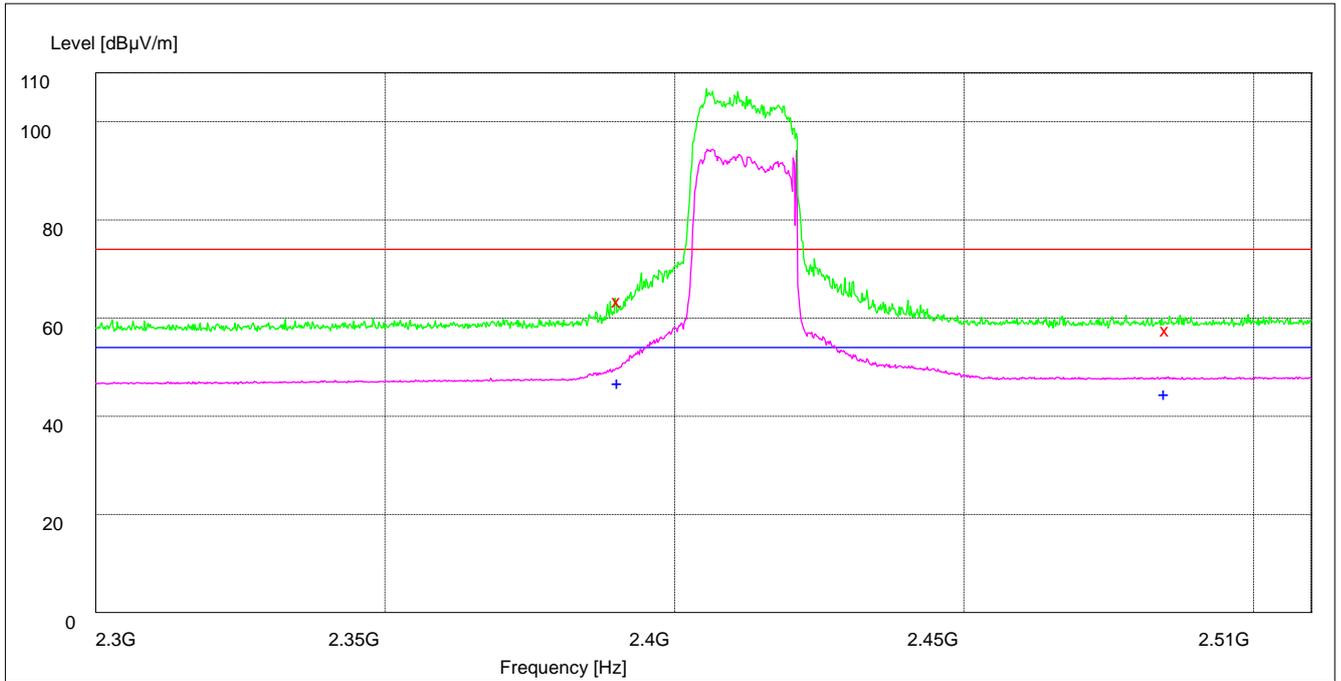
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.20	34.8	74.0	14.8	147.0	83.00	VERTICAL
2483.500000	59.30	35.1	74.0	14.7	150.0	112.00	HORIZONTAL

**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	126.0	273.00	HORIZONTAL
2483.500000	46.50	35.1	54.0	7.5	109.0	330.00	HORIZONTAL

**Test Mode: 11G/ Antenna 2**

**Channel 01**



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

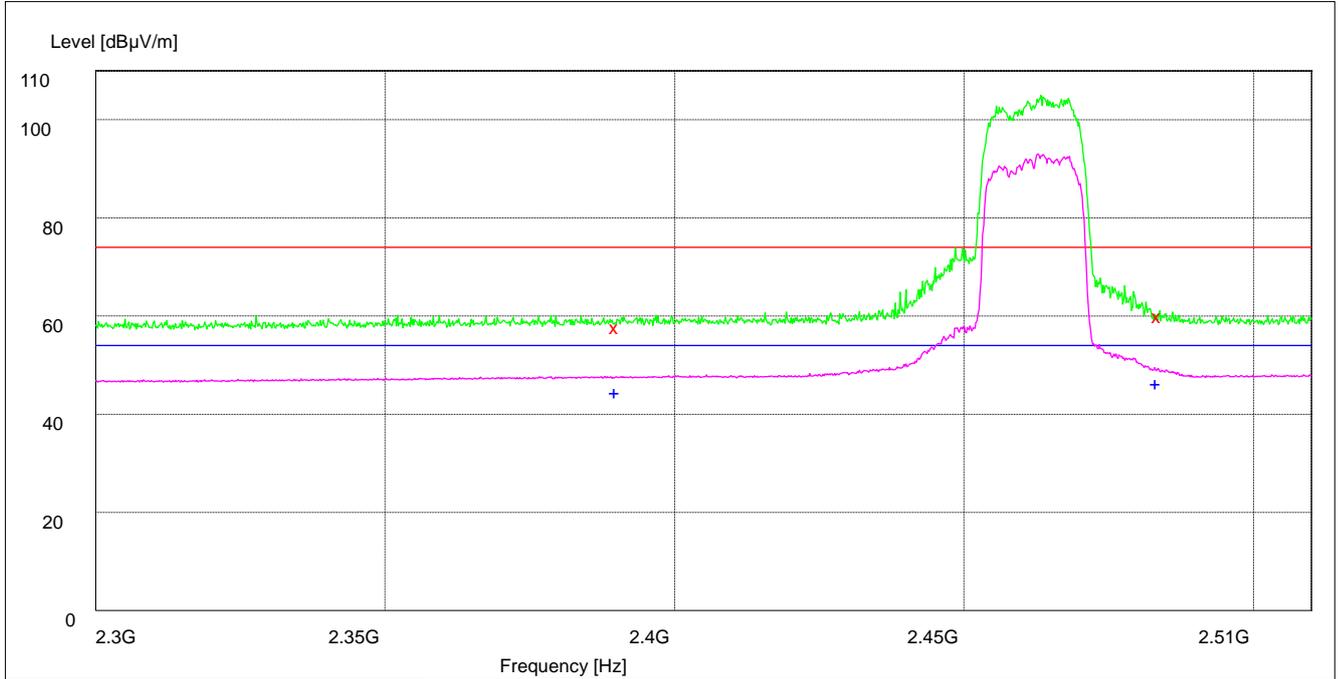
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	65.50	34.8	74.0	8.5	103.0	58.00	HORIZONTAL
2483.500000	59.60	35.1	74.0	14.4	100.0	318.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.70	34.8	54.0	5.3	103.0	154.00	HORIZONTAL
2483.500000	46.50	35.1	54.0	7.5	150.0	332.00	HORIZONTAL

**Channel 11**



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

**MEASUREMENT RESULT: PK Detector**

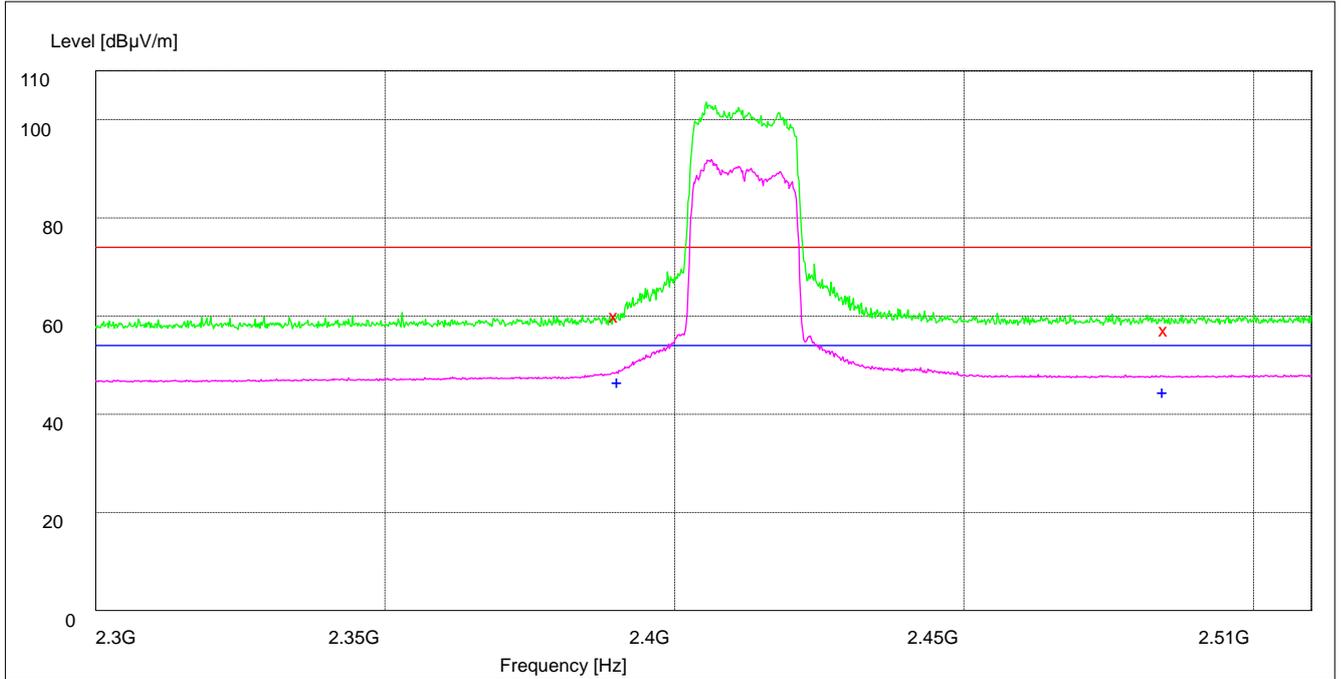
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.80	34.8	74.0	14.2	148.0	187.00	HORIZONTAL
2483.500000	61.70	35.1	74.0	12.3	100.0	145.00	HORIZONTAL

**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	132.0	237.00	HORIZONTAL
2483.500000	48.30	35.1	54.0	5.7	100.0	156.00	HORIZONTAL

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

**Channel 01**



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

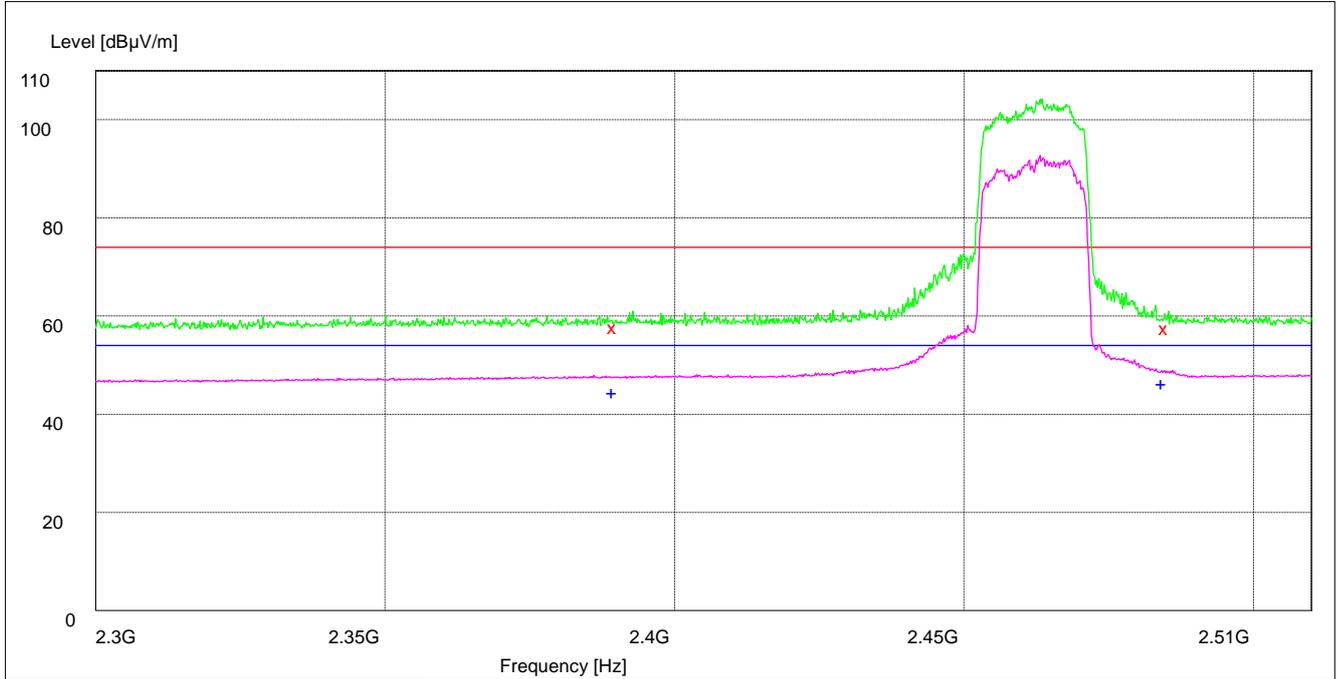
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	61.90	34.8	74.0	12.1	100.0	148.00	HORIZONTAL
2483.500000	59.00	35.1	74.0	15.0	138.0	78.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.60	34.8	54.0	5.4	100.0	155.00	HORIZONTAL
2483.500000	46.50	35.1	54.0	7.5	150.0	134.00	HORIZONTAL

**Channel 11**



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

**MEASUREMENT RESULT: PK Detector**

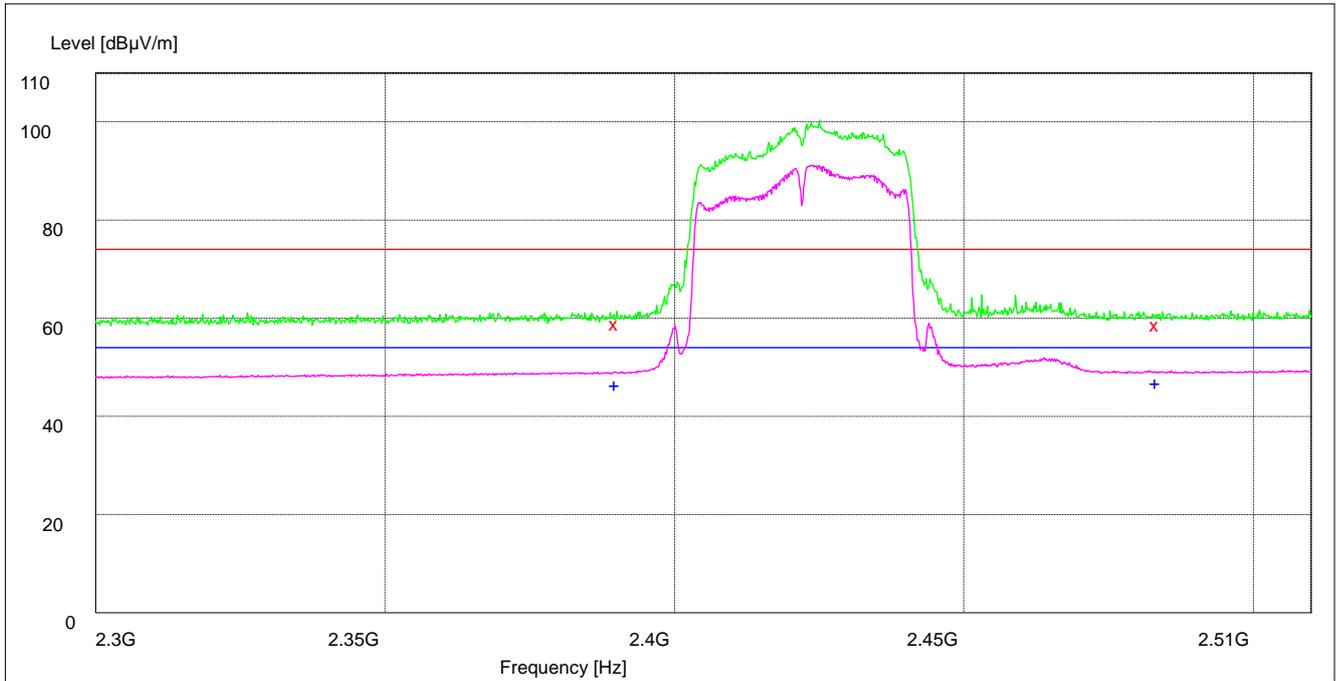
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.70	34.8	74.0	14.3	142.0	139.00	HORIZONTAL
2483.500000	59.40	35.1	74.0	14.6	115.0	270.00	VERTICAL

**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	34.8	54.0	7.6	100.0	76.00	HORIZONTAL
2483.500000	48.10	35.1	54.0	5.9	100.0	151.00	HORIZONTAL

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

**Channel 03**



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

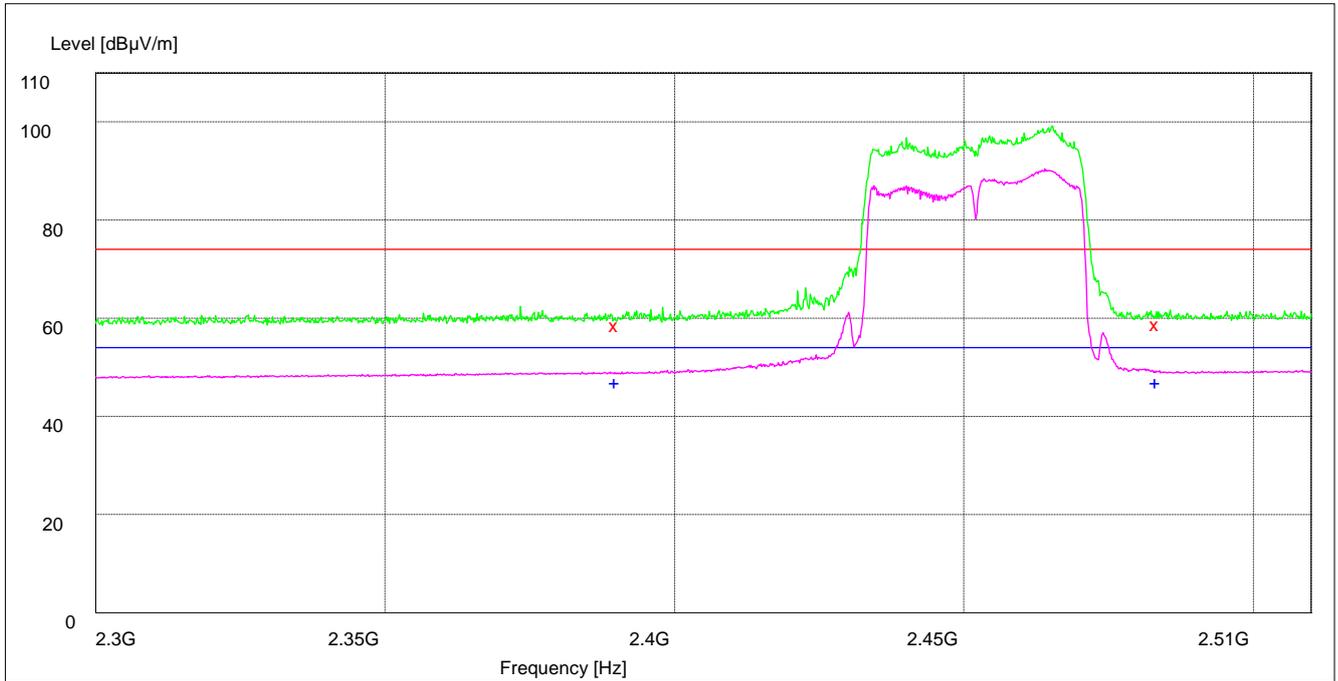
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.70	34.8	74.0	13.3	147.0	246.00	VERTICAL
2483.500000	60.60	35.1	74.0	13.4	100.0	104.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.30	34.8	54.0	5.7	100.0	138.00	HORIZONTAL
2483.500000	48.70	35.1	54.0	5.3	100.0	183.00	VERTICAL

**Channel 09**



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

MEASUREMENT RESULT: PK Detector

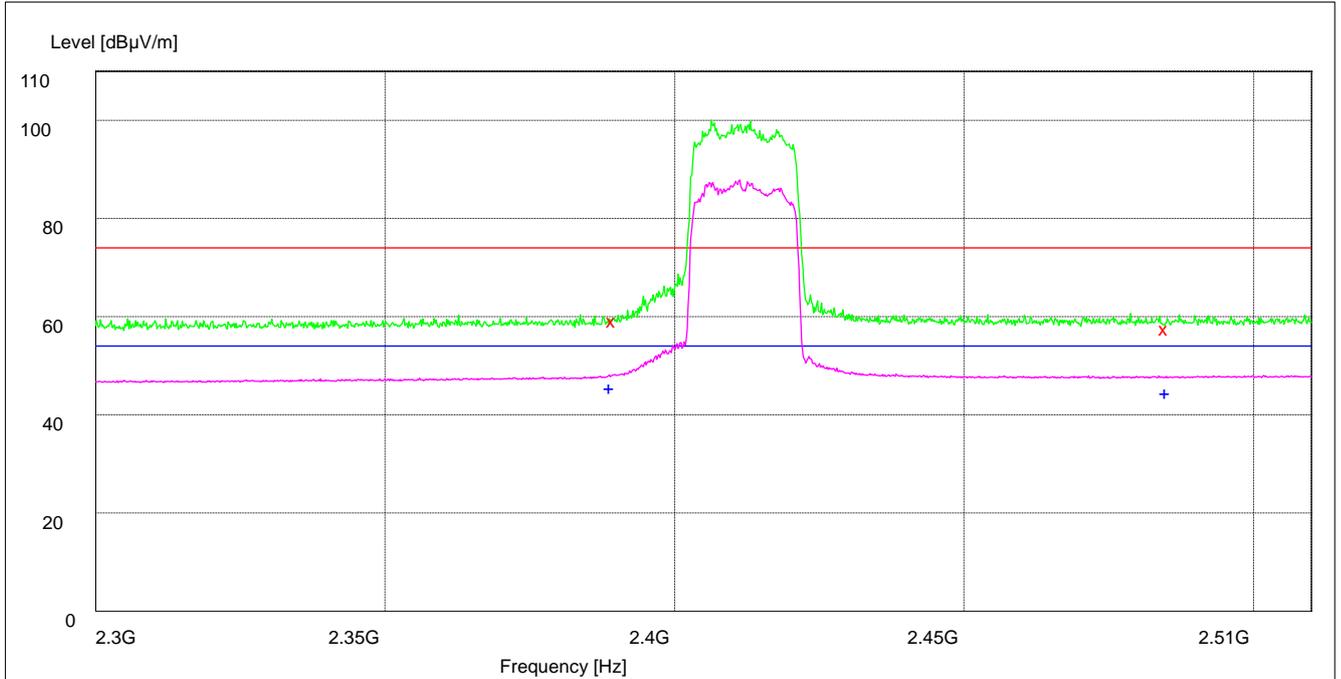
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.40	34.8	74.0	13.6	139.0	186.00	HORIZONTAL
2483.500000	60.60	35.1	74.0	13.4	122.0	344.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.80	34.8	54.0	5.2	101.0	262.00	VERTICAL
2483.500000	48.90	35.1	54.0	5.1	150.0	120.00	VERTICAL

**Test Mode: 11N-20M/MIMO**

**Channel 01**



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

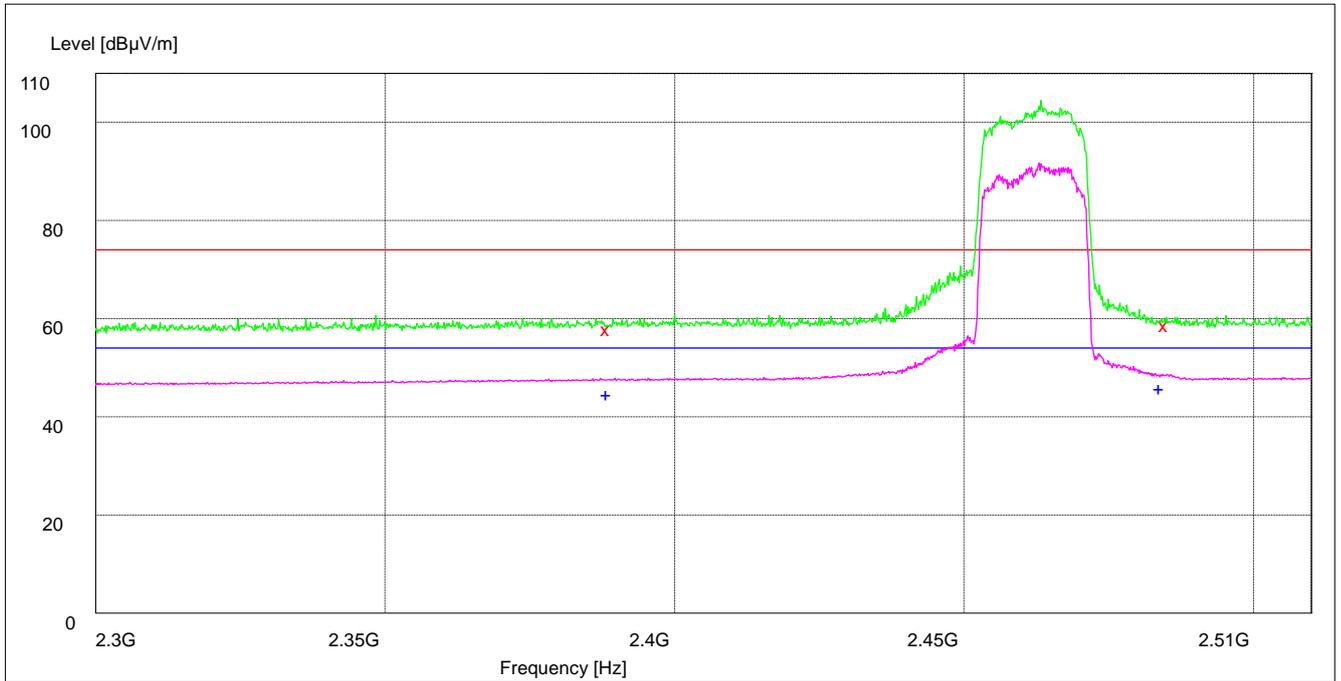
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	61.00	34.8	74.0	13.0	101.0	212.00	HORIZONTAL
2483.500000	59.30	35.1	74.0	14.7	118.0	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	47.40	34.8	54.0	6.6	100.0	209.00	HORIZONTAL
2483.500000	46.50	35.1	54.0	7.5	100.0	257.00	VERTICAL

**Channel 11**



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

MEASUREMENT RESULT: PK Detector

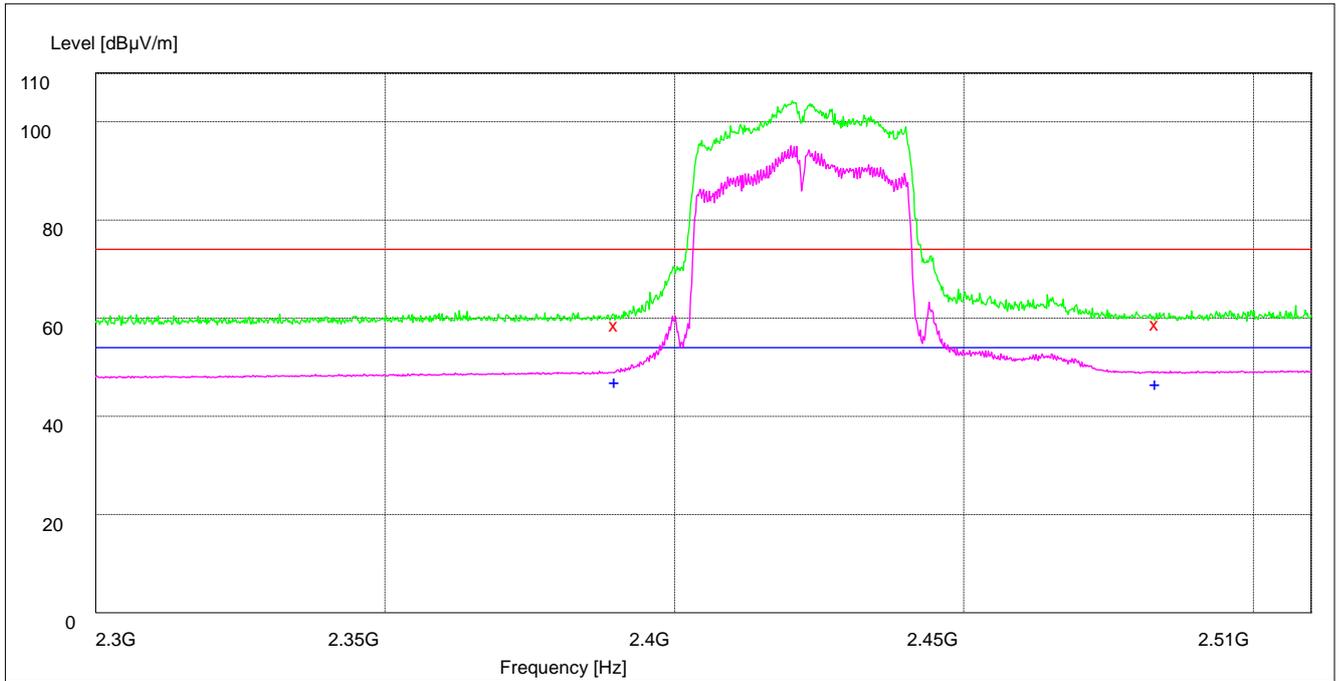
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.80	34.8	74.0	14.2	150.0	49.00	HORIZONTAL
2483.500000	60.50	35.1	74.0	13.5	100.0	181.00	HORIZONTAL

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	138.0	117.00	VERTICAL
2483.500000	47.60	35.1	54.0	6.4	100.0	157.00	HORIZONTAL

**Test Mode: 11N-40M/MIMO**

**Channel 03**



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

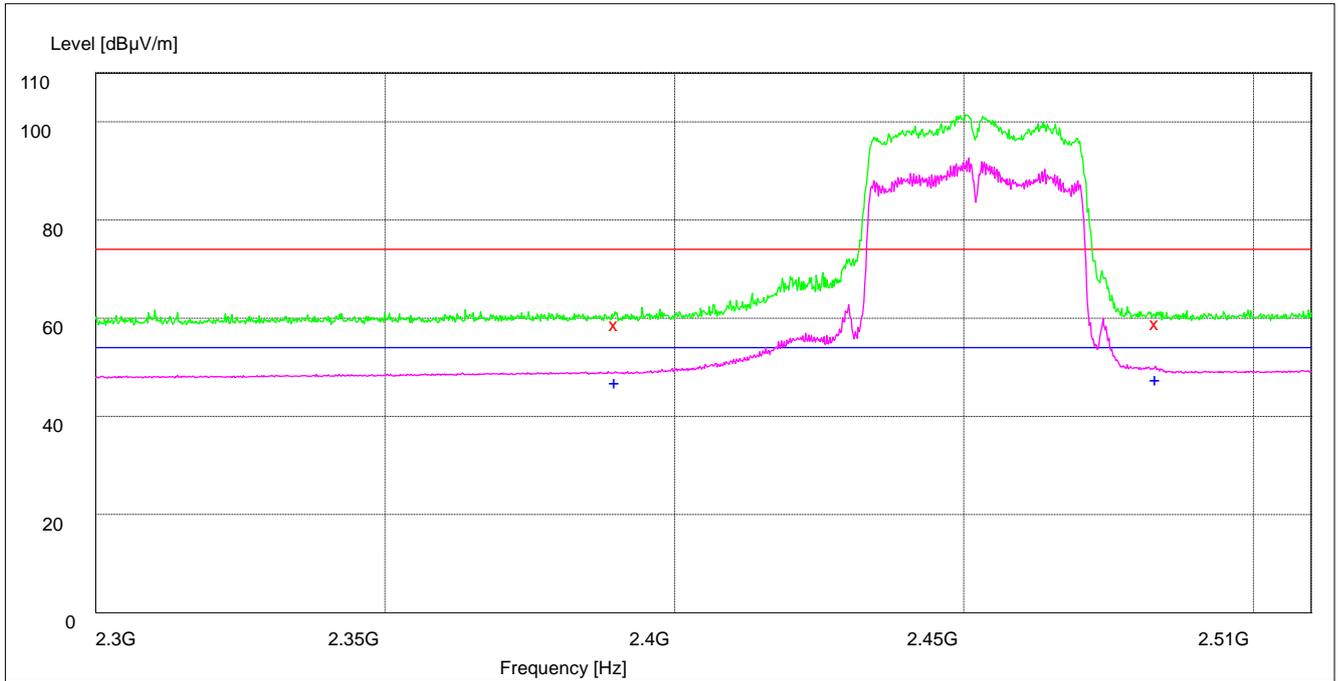
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.60	34.8	74.0	13.4	100.0	42.00	VERTICAL
2483.500000	60.70	35.1	74.0	13.3	150.0	175.00	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	103.0	136.00	VERTICAL
2483.500000	48.50	35.1	54.0	5.5	103.0	219.00	HORIZONTAL

**Channel 09**



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

MEASUREMENT RESULT: PK Detector

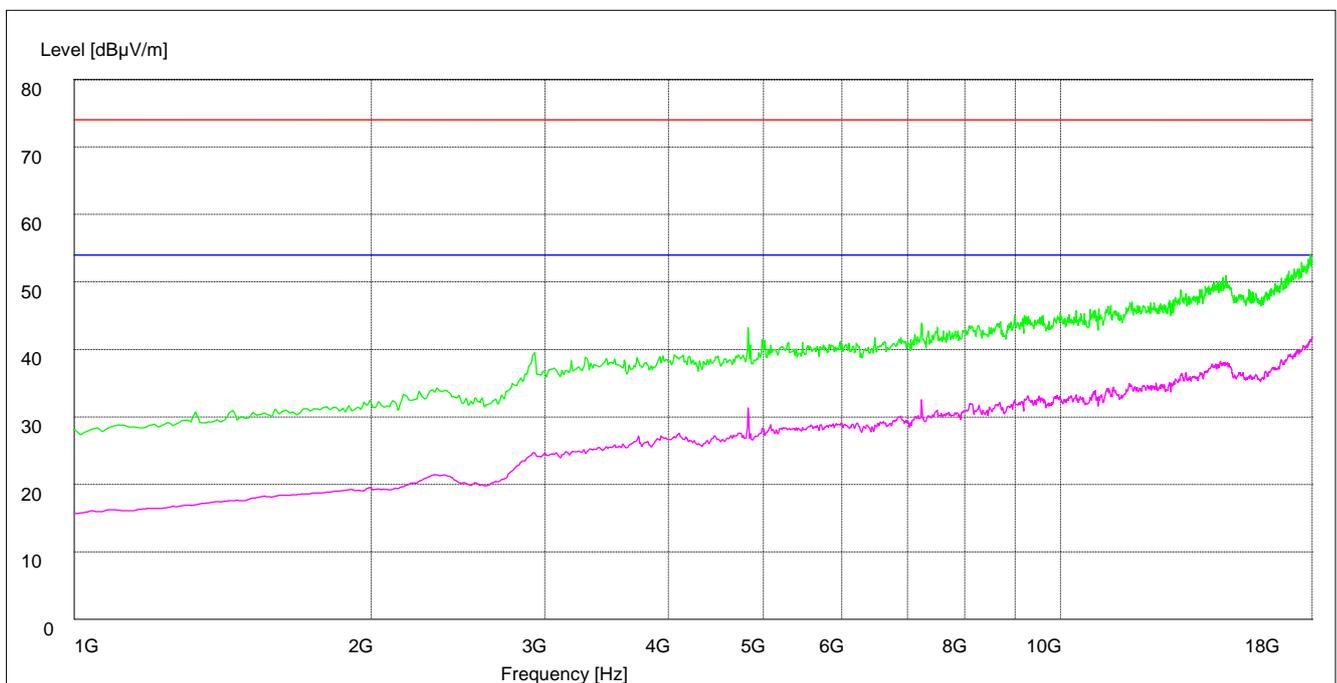
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.70	34.8	74.0	13.3	103.0	5.00	HORIZONTAL
2483.500000	60.80	35.1	74.0	13.2	103.0	260.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.90	34.8	54.0	5.1	126.0	28.00	VERTICAL
2483.500000	49.50	35.1	54.0	4.5	100.0	221.00	HORIZONTAL

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

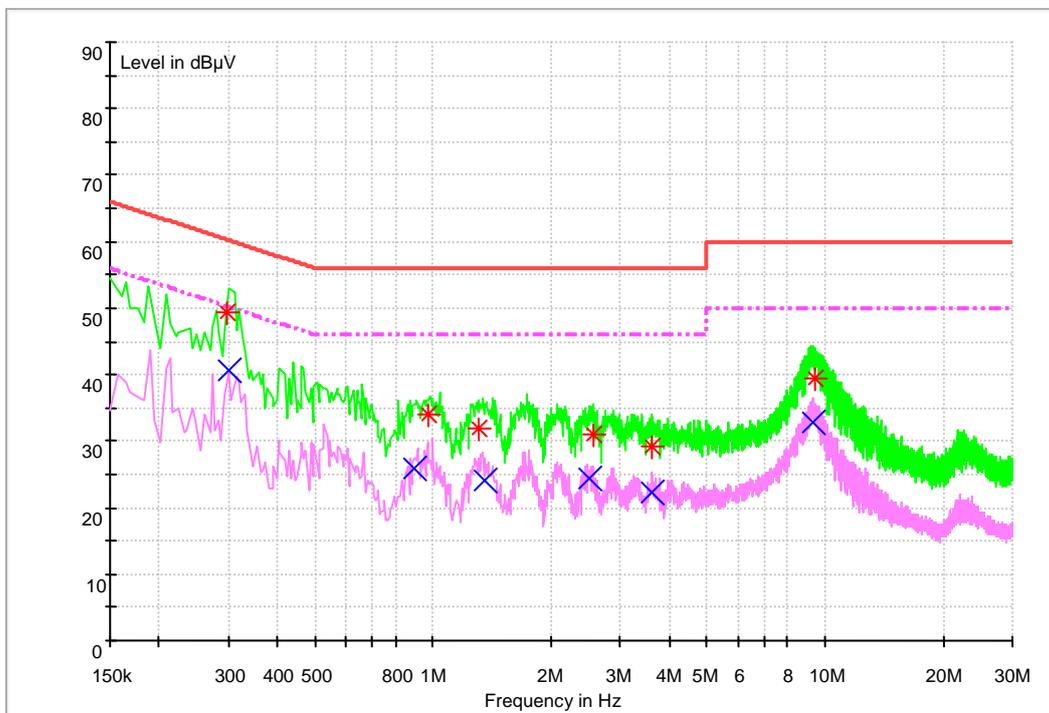
- Note 1: The test results and plot for testing range of “1 GHz to 18 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of “1 GHz to 18 GHz” is for checking radiated emissions located 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 G: Conducted Emission at Power Port

Note: RBW =9 kHz, VBW = 30 kHz

### Channel 6



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.297558	49.4	9.7	60.3	10.9	L1	FLO
0.966566	33.9	9.7	56.0	22.1	L1	FLO
1.300530	32.0	9.7	56.0	24.0	N	FLO
2.554804	31.0	9.7	56.0	25.0	L1	FLO
3.619282	29.1	9.8	56.0	26.9	L1	FLO
9.371542	39.4	9.9	60.0	20.6	L1	FLO

MEASUREMENT RESULT: AV Detector

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Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Line	PE
0.302621	40.6	9.7	50.2	9.6	L1	FLO
0.898110	25.8	9.7	46.0	20.2	L1	FLO
1.358558	24.1	9.7	46.0	21.9	N	FLO
2.492351	24.3	9.7	46.0	21.7	L1	FLO
3.630308	22.3	9.8	46.0	23.7	L1	FLO
9.303990	32.7	9.9	50.0	17.3	N	FLO

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END