



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

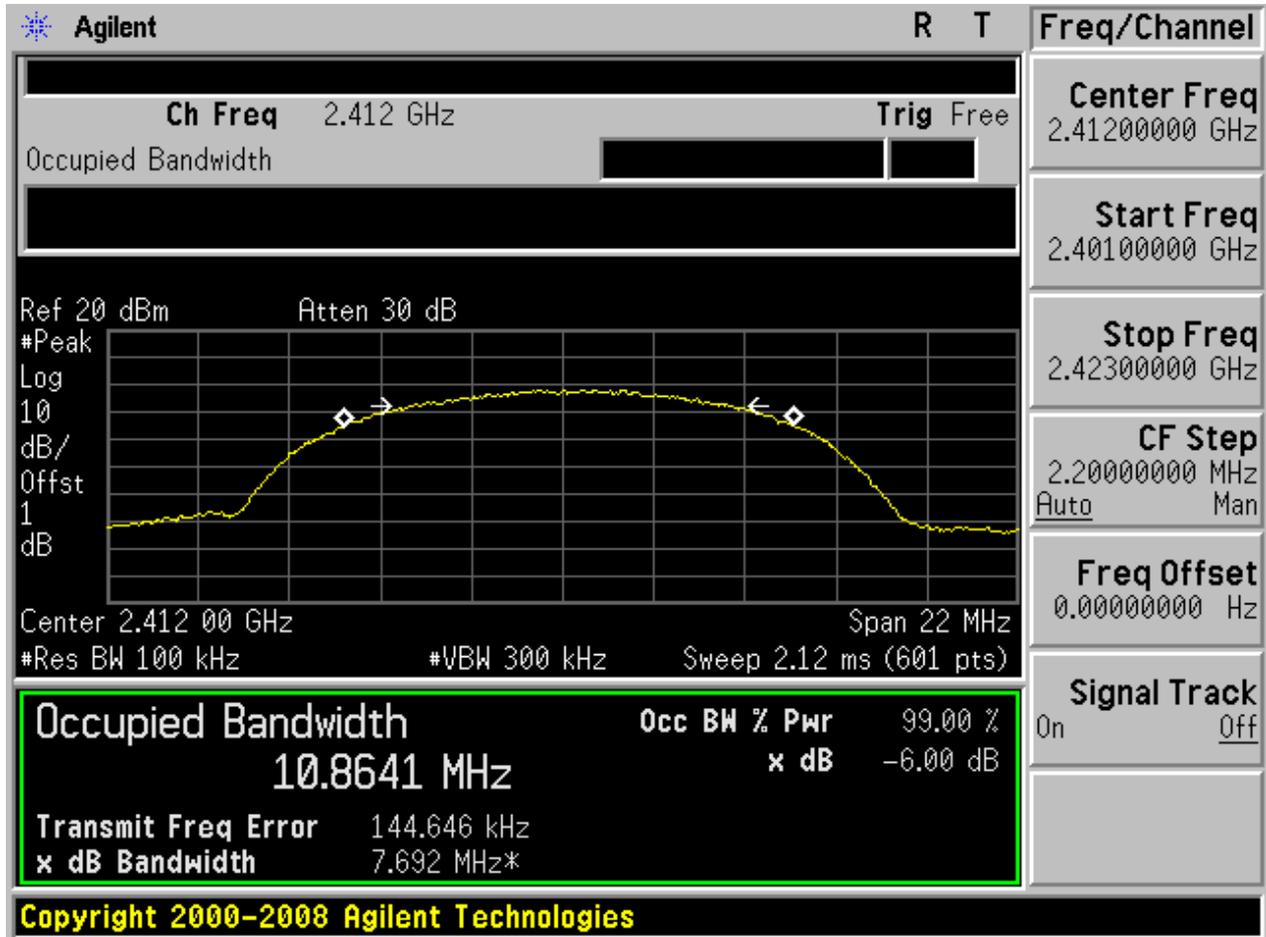
Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11B	L	2412	Ant 1	7.69	pass
11B	L	2412	Ant 2	7.80	pass
11B	M	2432	Ant 1	7.80	pass
11B	M	2432	Ant 2	7.92	pass
11B	H	2452	Ant 1	7.75	pass
11B	H	2452	Ant 2	7.99	pass
11G	L	2412	Ant 1	16.50	pass
11G	L	2412	Ant 2	16.51	pass
11G	M	2432	Ant 1	16.52	pass
11G	M	2432	Ant 2	16.50	pass
11G	H	2452	Ant 1	16.50	pass
11G	H	2452	Ant 2	16.52	pass
11N20	L	2412	Ant 1	17.71	pass
11N20	L	2412	Ant 2	17.68	pass
11N20	M	2432	Ant 1	17.76	pass
11N20	M	2432	Ant 2	17.71	pass
11N20	H	2452	Ant 1	17.77	pass
11N20	H	2452	Ant 2	17.71	pass
11N20m	L	2412	Ant 1	17.34	pass
11N20m	L	2412	Ant 2	17.64	pass
11N20m	M	2432	Ant 1	16.38	pass
11N20m	M	2432	Ant 2	17.66	pass
11N20m	H	2452	Ant 1	17.71	pass
11N20m	H	2452	Ant 2	17.72	pass
11N40	L	2422	Ant 1	36.08	pass
11N40	L	2422	Ant 2	35.90	pass
11N40	M	2432	Ant 1	36.38	pass
11N40	M	2432	Ant 2	36.04	pass



Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11N40	H	2442	Ant 1	36.48	pass
11N40	H	2442	Ant 2	36.38	pass
11N40m	L	2422	Ant 1	35.79	pass
11N40m	L	2422	Ant 2	35.92	pass
11N40m	M	2432	Ant 1	36.41	pass
11N40m	M	2432	Ant 2	36.11	pass
11N40m	H	2442	Ant 1	36.39	pass
11N40m	H	2442	Ant 2	36.45	pass

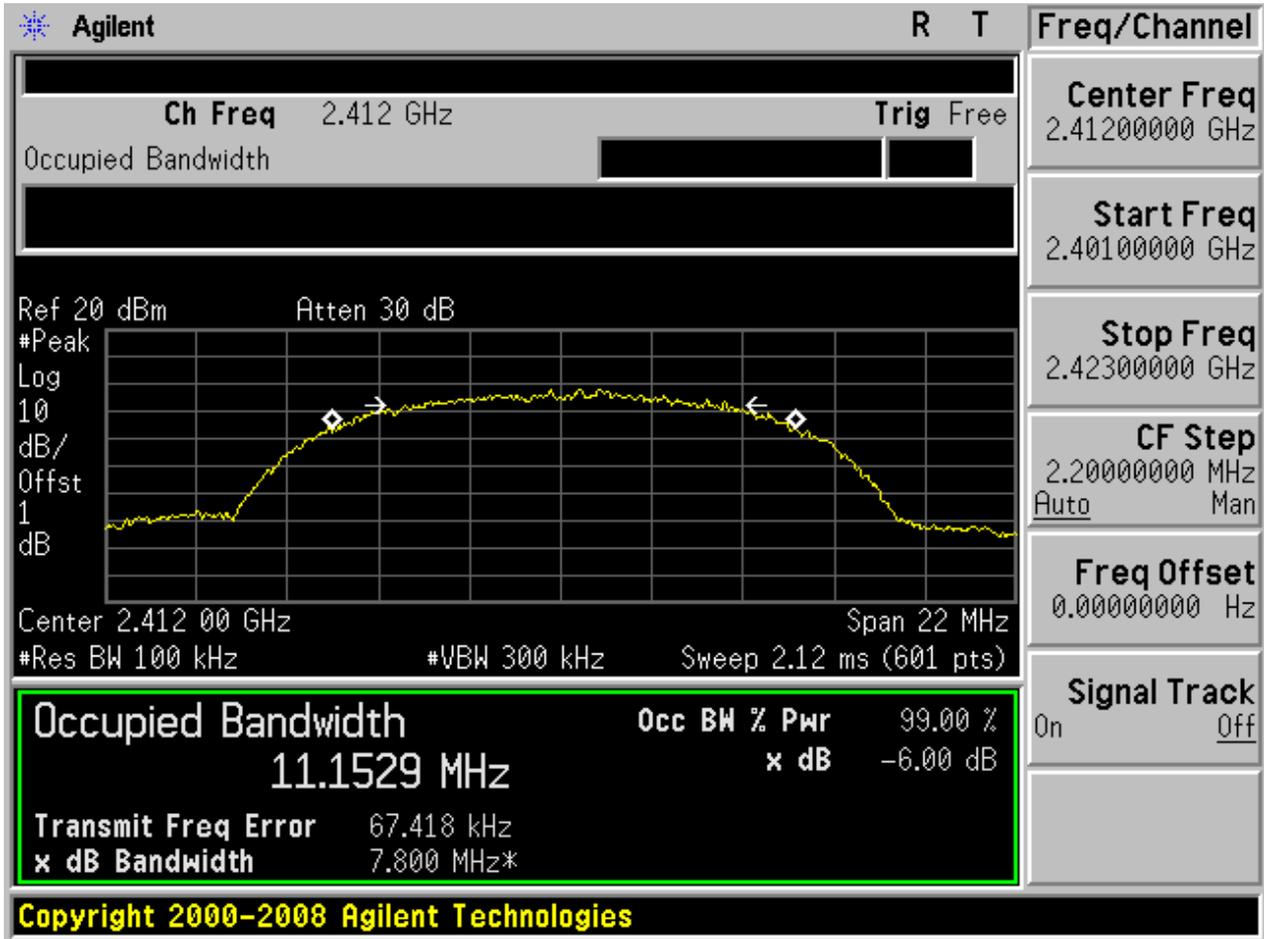
Part II - Test Plots

2.1 11B_L@Ant 1





2.2 11B_L@Ant 2





2.3 11B_M@Ant 1

Agilent
R T

Ch Freq 2.432 GHz
Trig Free

Ref 20 dBm Atten 30 dB

Center 2.432 00 GHz Span 22 MHz

#Res BW 100 kHz #VBW 300 kHz Sweep 2.12 ms (601 pts)

Center Freq
2.43200000 GHz

Start Freq
2.42100000 GHz

Stop Freq
2.44300000 GHz

CF Step
2.20000000 MHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Occupied Bandwidth

11.1104 MHz

Occ BW % Pwr 99.00 %

x dB -6.00 dB

Transmit Freq Error 58.886 kHz

x dB Bandwidth 7.797 MHz*

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2.4 11B_M@Ant 2

Agilent		R	T	Freq/Channel	
Ch Freq 2.432 GHz		Trig Free		Center Freq 2.43200000 GHz	
Occupied Bandwidth				Start Freq 2.42100000 GHz	
Ref 20 dBm		Atten 30 dB		Stop Freq 2.44300000 GHz	
				CF Step 2.20000000 MHz Auto Man	
Center 2.432 00 GHz		Span 22 MHz		Freq Offset 0.00000000 Hz	
#Res BW 100 kHz		#VBW 300 kHz		Signal Track On Off	
Sweep 2.12 ms (601 pts)					
Occupied Bandwidth 11.1560 MHz		Occ BW % Pwr 99.00 %			
		x dB -6.00 dB			
Transmit Freq Error 126.246 kHz					
x dB Bandwidth 7.922 MHz*					
Copyright 2000-2008 Agilent Technologies					

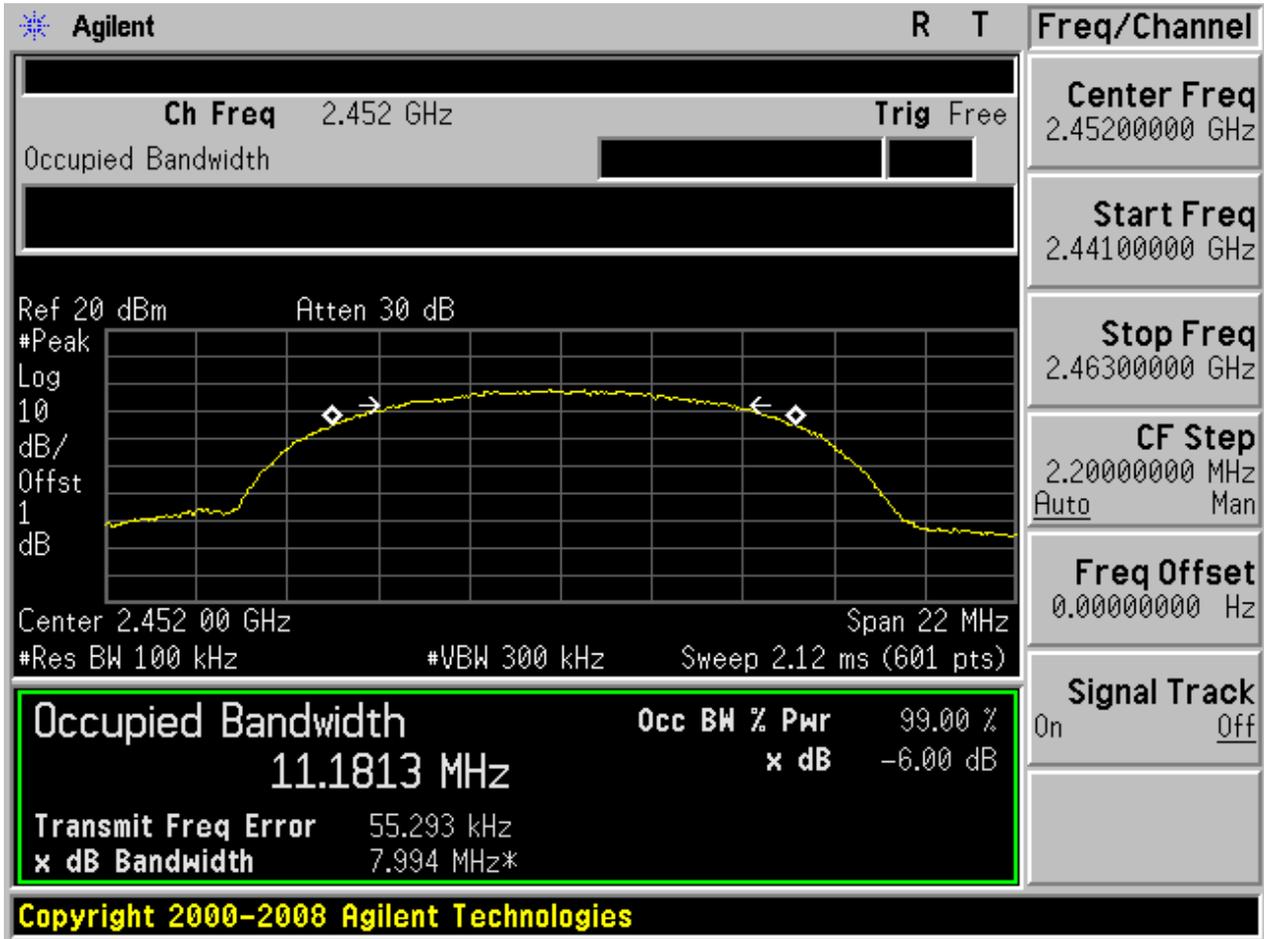


2.5 11B_H@Ant 1

Agilent		R	T	Freq/Channel	
Ch Freq 2.452 GHz		Trig Free		Center Freq 2.45200000 GHz	
Occupied Bandwidth				Start Freq 2.44100000 GHz	
Ref 20 dBm		Atten 30 dB		Stop Freq 2.46300000 GHz	
#Peak				CF Step 2.20000000 MHz	
Log				Auto Man	
10				Freq Offset 0.00000000 Hz	
dB/				Signal Track	
Offst				On Off	
1					
dB					
Center 2.452 00 GHz		Span 22 MHz			
#Res BW 100 kHz		#VBW 300 kHz			
		Sweep 2.12 ms (601 pts)			
Occupied Bandwidth		Occ BW % Pwr		99.00 %	
11.0392 MHz		x dB		-6.00 dB	
Transmit Freq Error		17.174 kHz			
x dB Bandwidth		7.753 MHz*			
Copyright 2000-2008 Agilent Technologies					

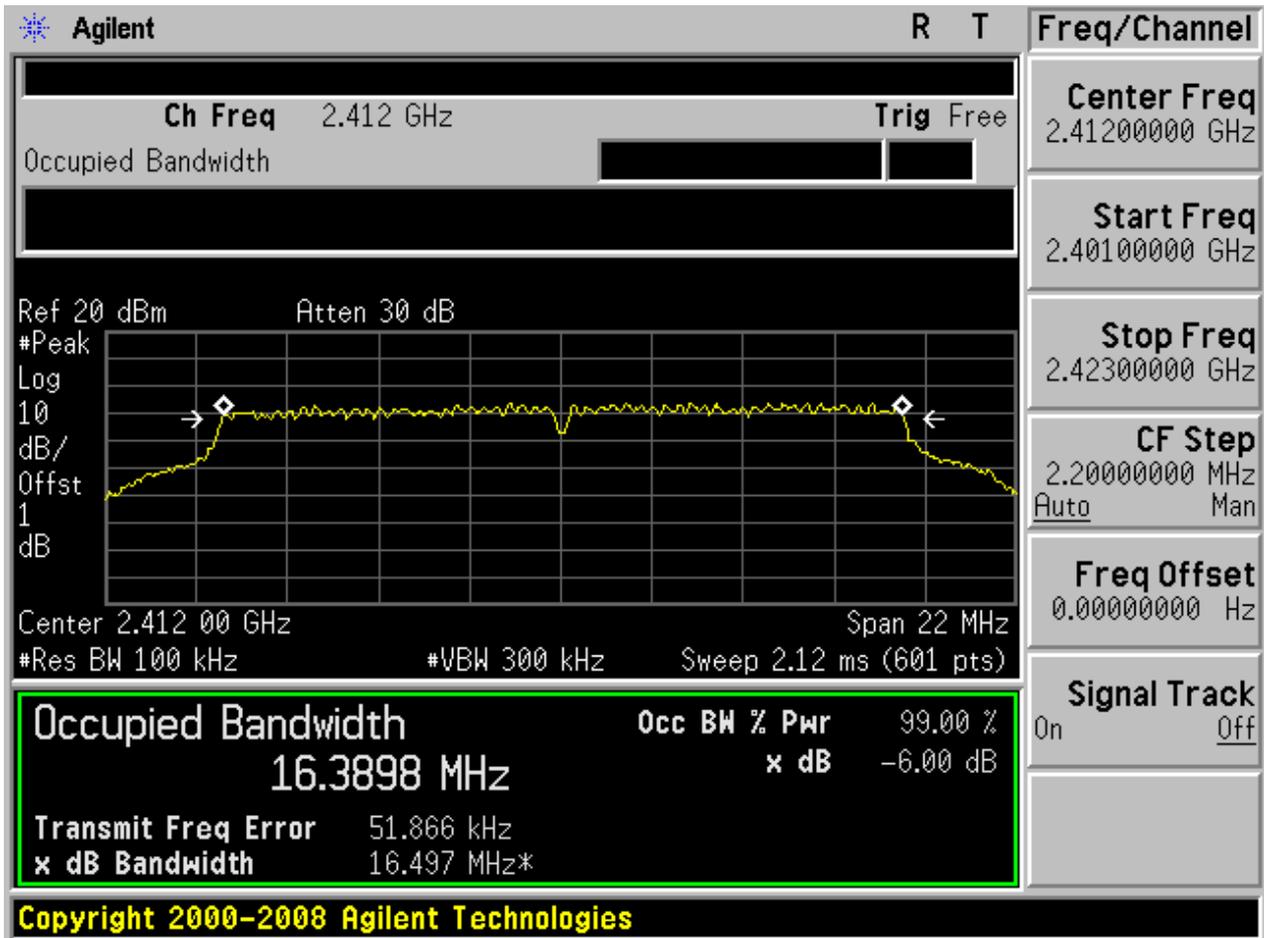


2.6 11B_H@Ant 2





2.7 11G_L@Ant 1



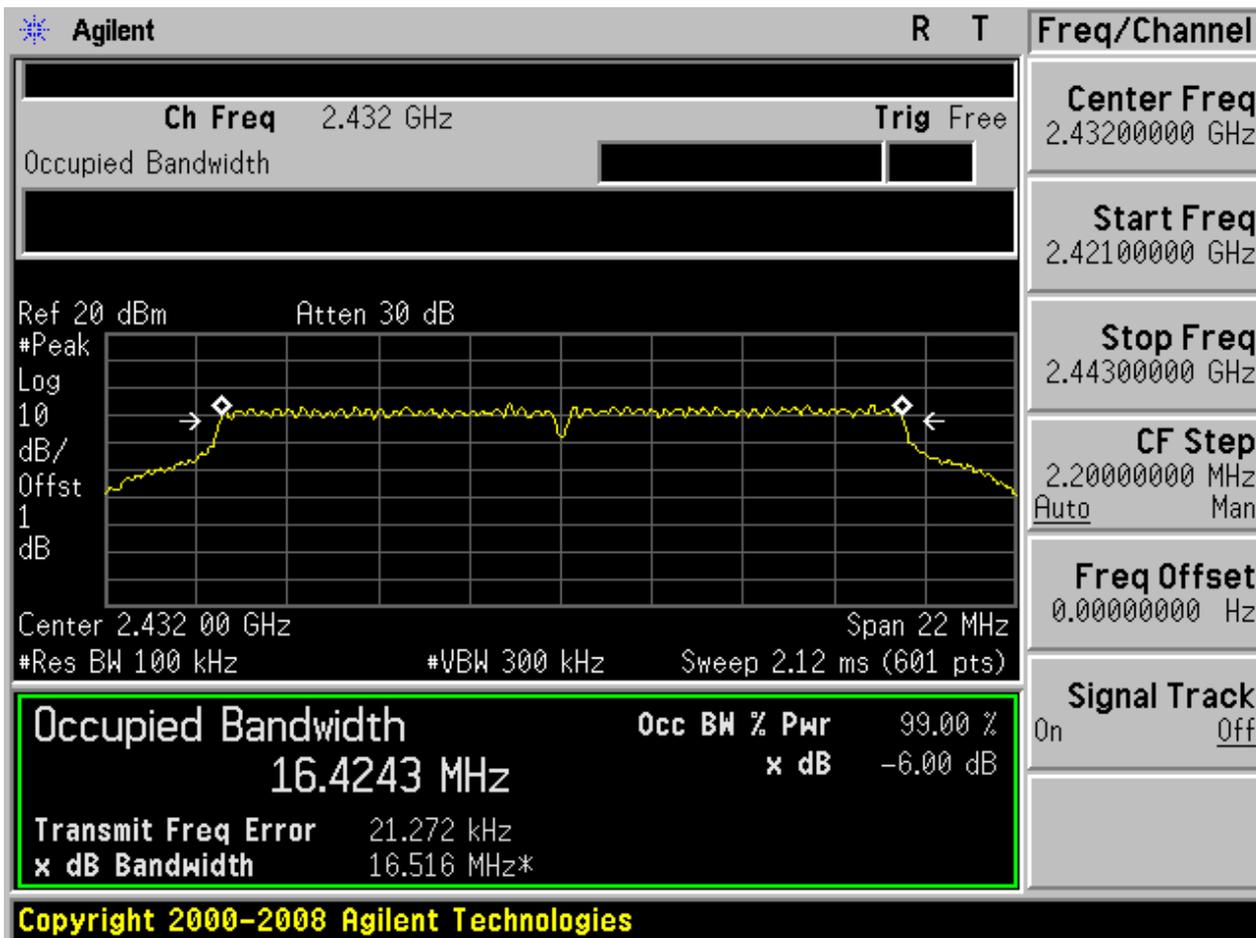


2.8 11G_L@Ant 2

Agilent		R	T	Freq/Channel	
Ch Freq 2.412 GHz		Trig Free		Center Freq 2.41200000 GHz	
Occupied Bandwidth				Start Freq 2.40100000 GHz	
Ref 20 dBm		Atten 30 dB		Stop Freq 2.42300000 GHz	
				CF Step 2.20000000 MHz Auto Man	
Center 2.412 00 GHz		Span 22 MHz		Freq Offset 0.00000000 Hz	
#Res BW 100 kHz		#VBW 300 kHz		Signal Track On Off	
Sweep 2.12 ms (601 pts)					
Occupied Bandwidth 16.4056 MHz		Occ BW % Pwr 99.00 %			
		x dB -6.00 dB			
Transmit Freq Error 49.759 kHz					
x dB Bandwidth 16.512 MHz*					
Copyright 2000-2008 Agilent Technologies					

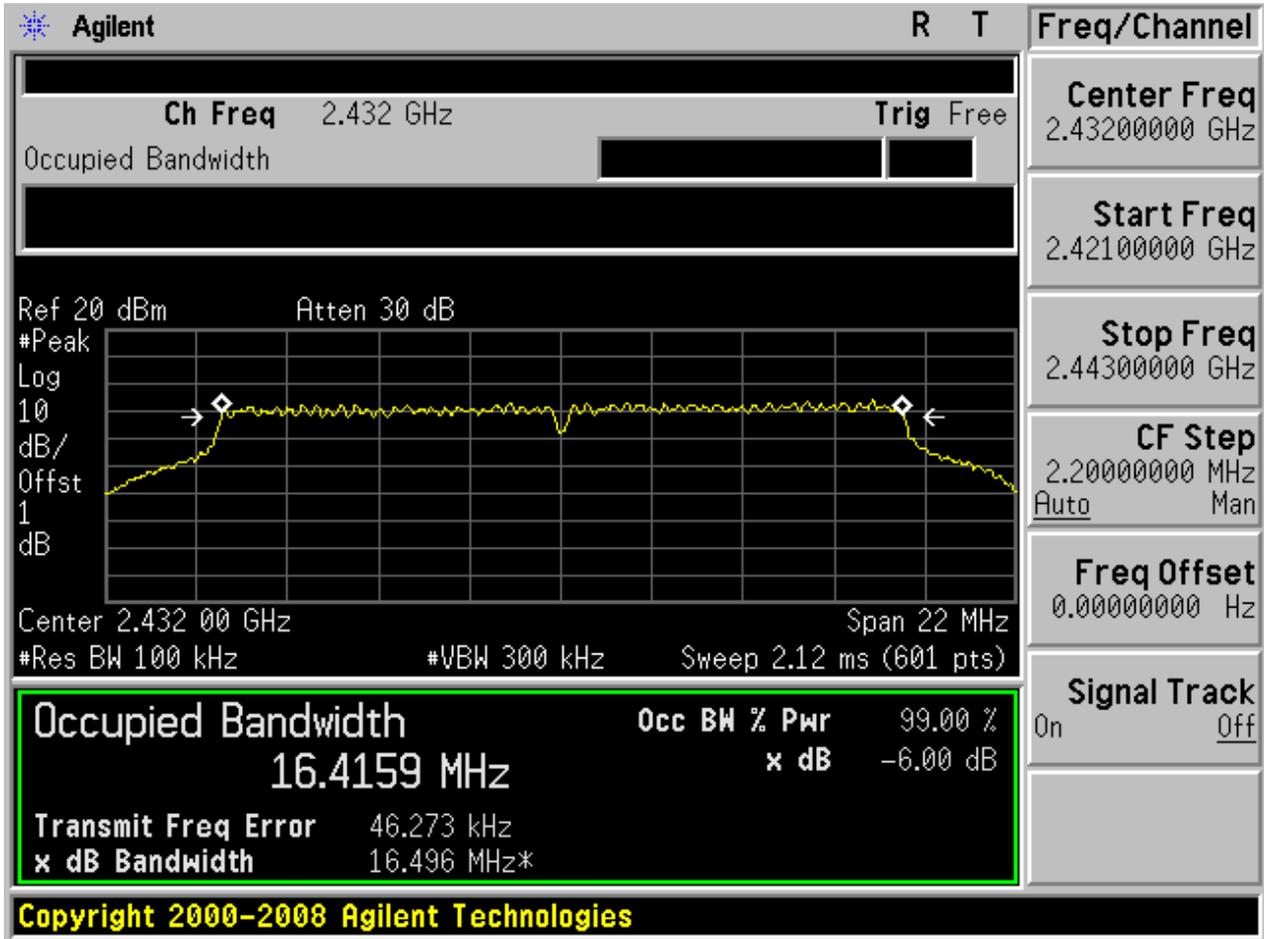


2.9 11G_M@Ant 1



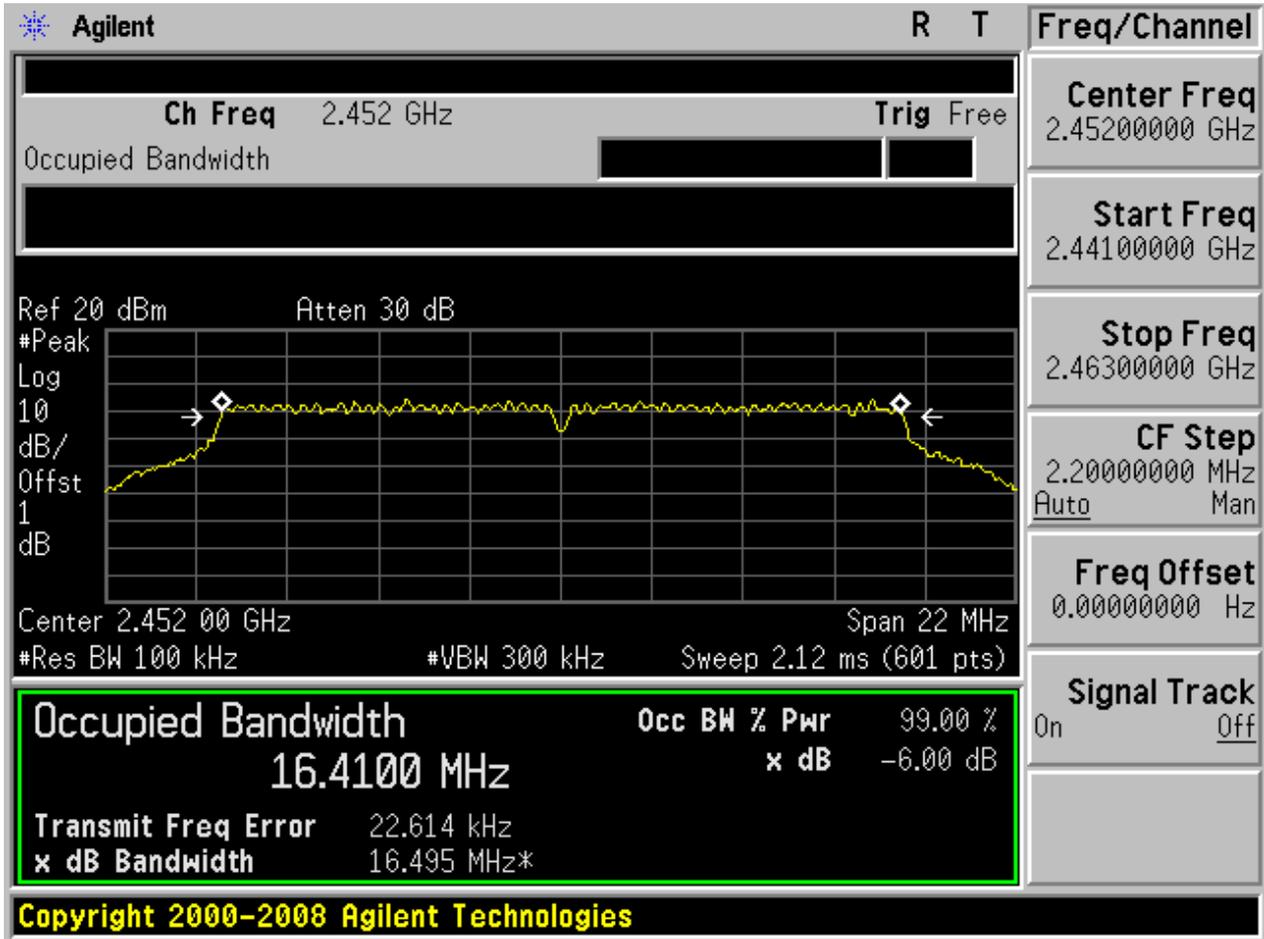


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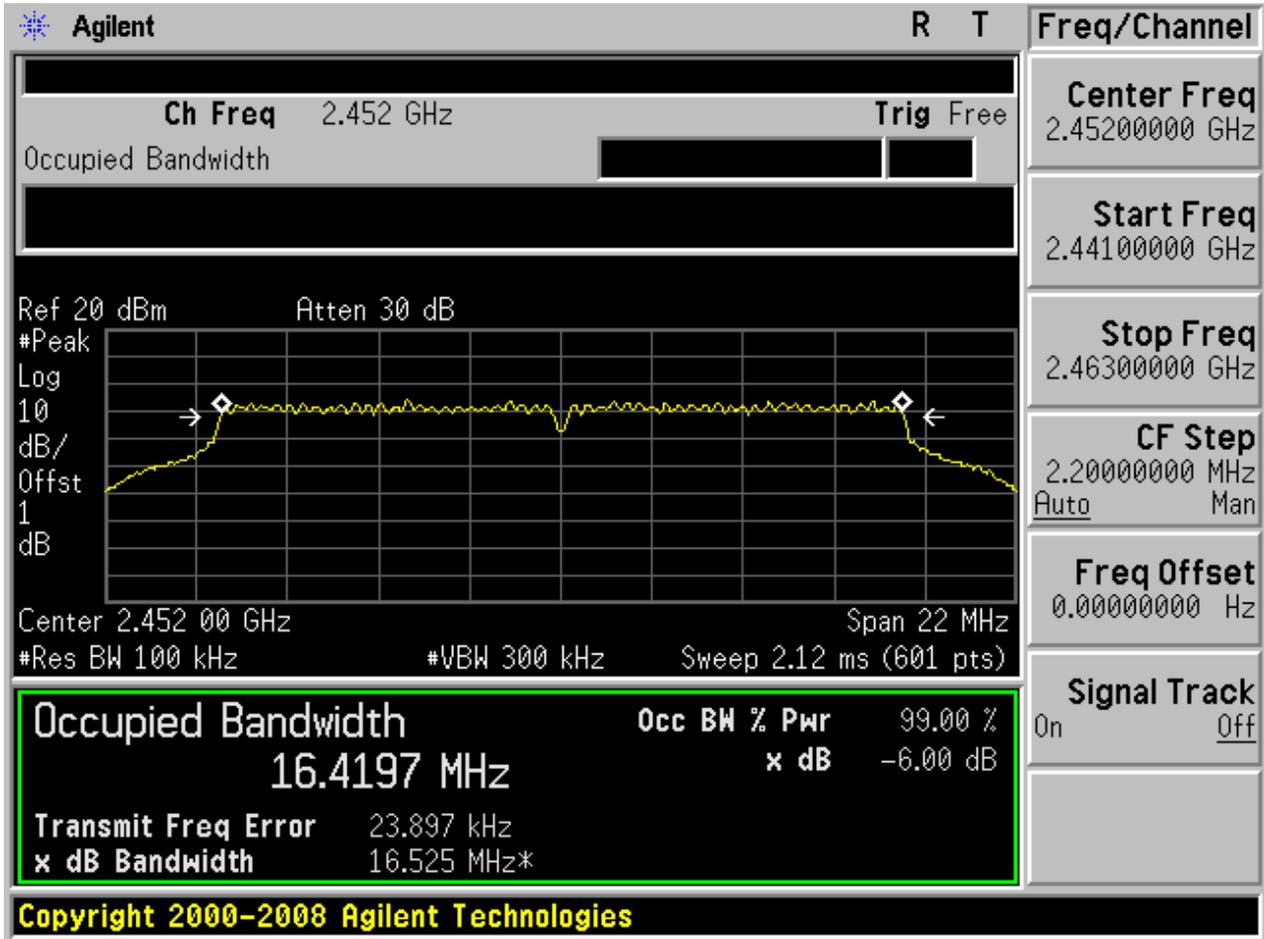


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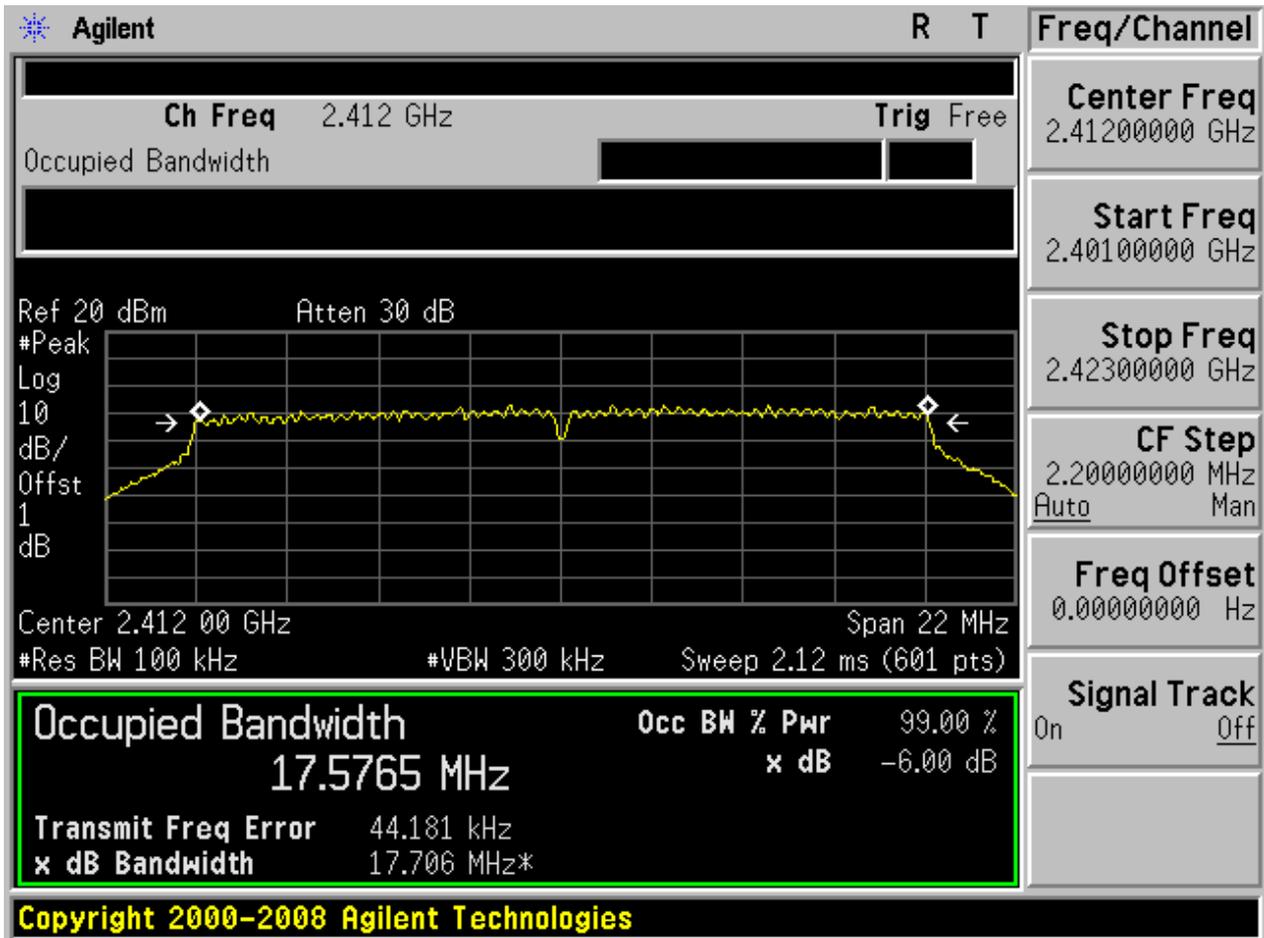


2.12 11G_H@Ant 2





2.13 11N20_L@Ant 1



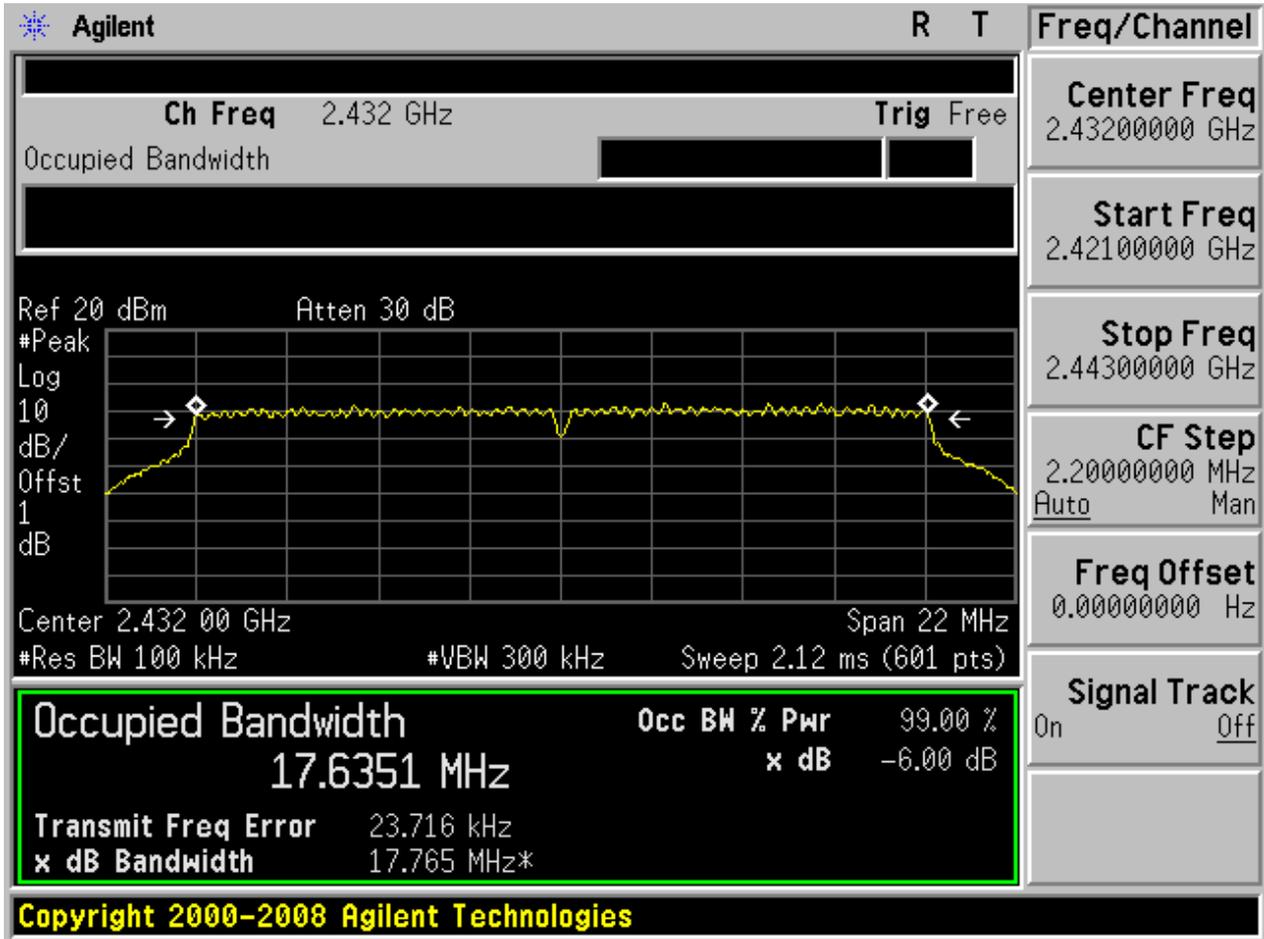


2.14 11N20_L@Ant 2

Agilent		R	T	Freq/Channel	
Ch Freq 2.412 GHz		Trig Free		Center Freq 2.41200000 GHz	
Occupied Bandwidth				Start Freq 2.40100000 GHz	
Ref 20 dBm		Atten 30 dB		Stop Freq 2.42300000 GHz	
				CF Step 2.20000000 MHz Auto Man	
Center 2.412 00 GHz		Span 22 MHz		Freq Offset 0.00000000 Hz	
#Res BW 100 kHz		#VBW 300 kHz		Sweep 2.12 ms (601 pts)	
Occupied Bandwidth		Occ BW % Pwr		99.00 %	
17.5979 MHz		x dB		-6.00 dB	
Transmit Freq Error 37.358 kHz				Signal Track On Off	
x dB Bandwidth 17.684 MHz*					
Copyright 2000-2008 Agilent Technologies					

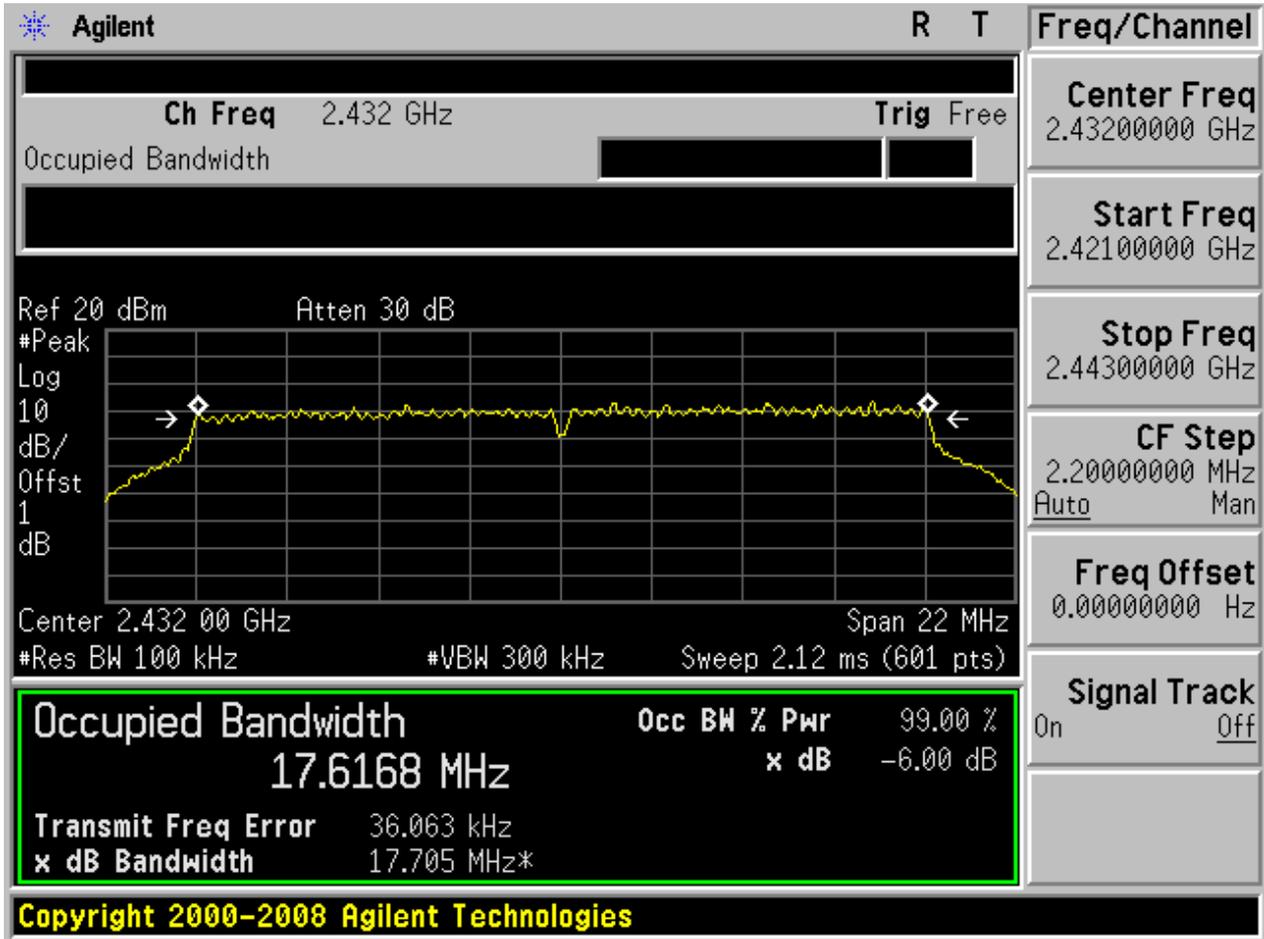


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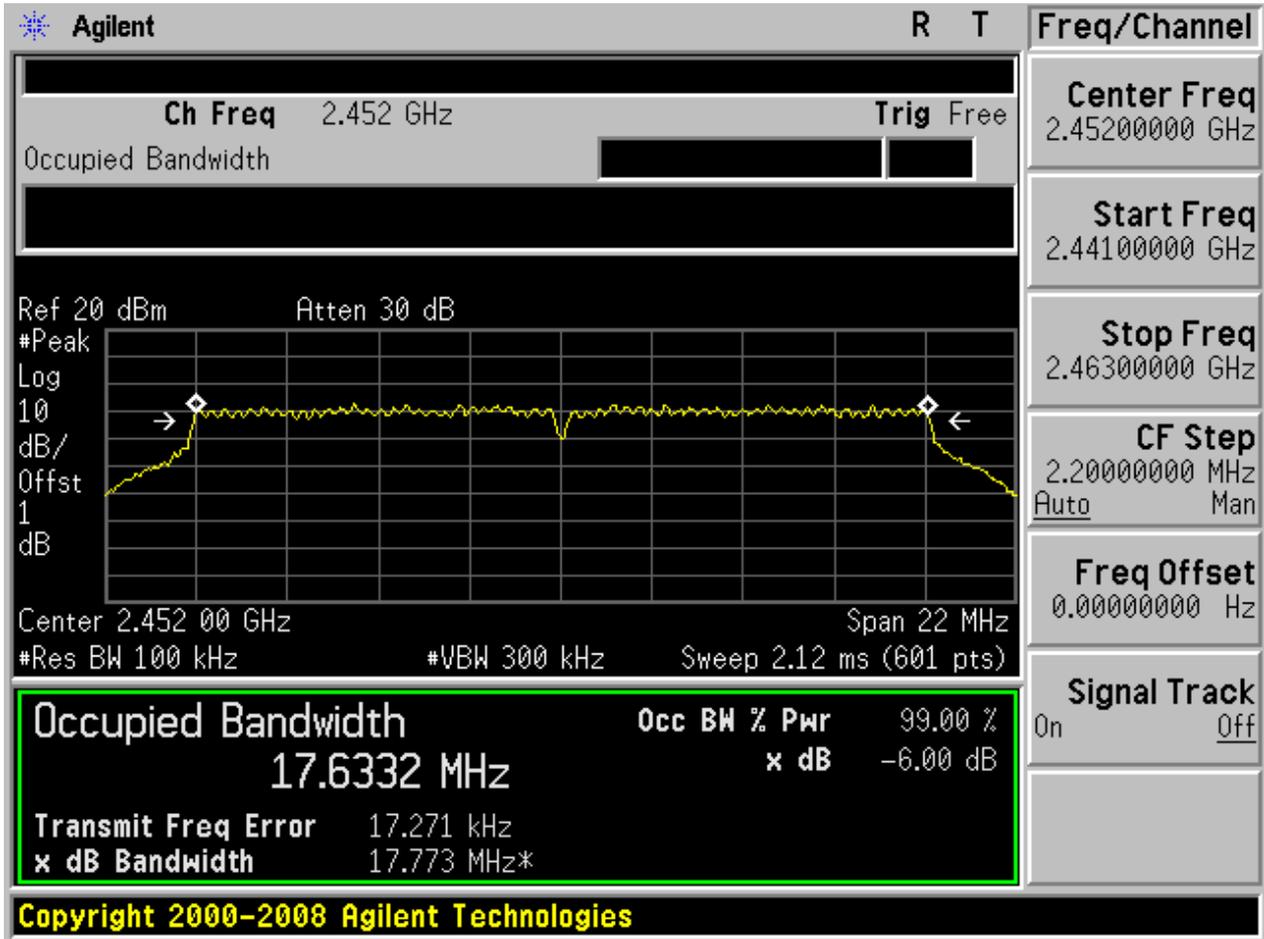


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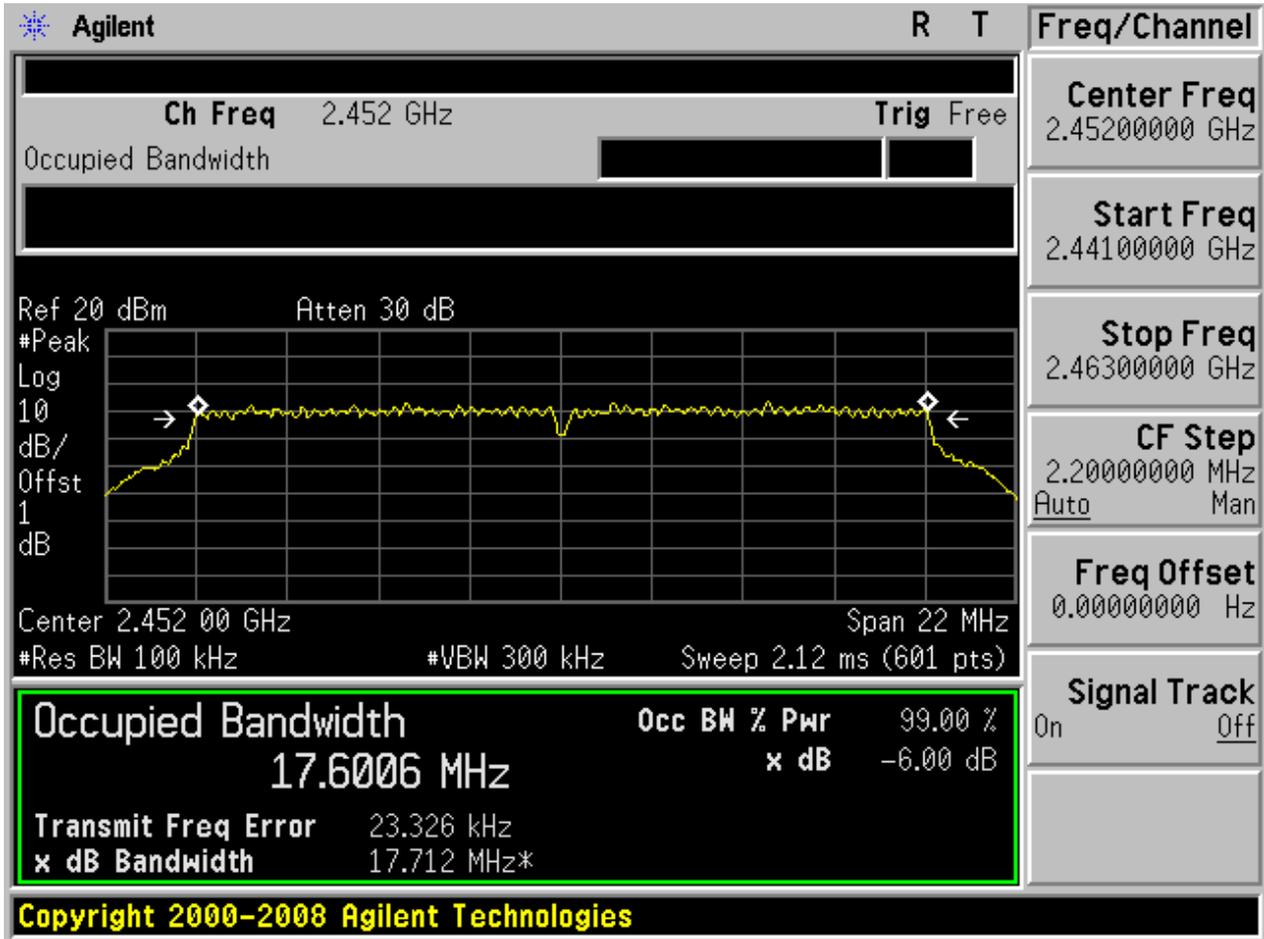


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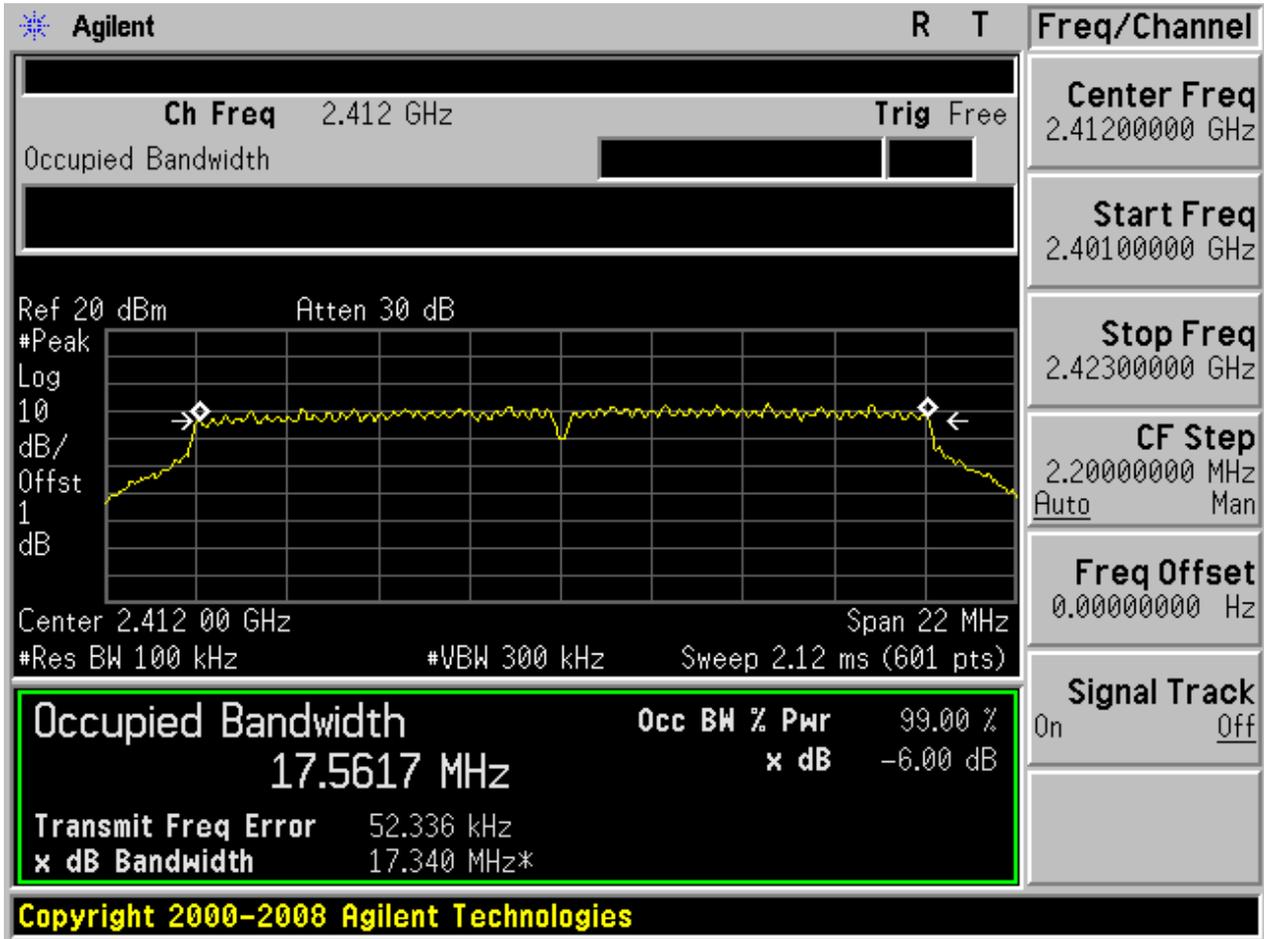


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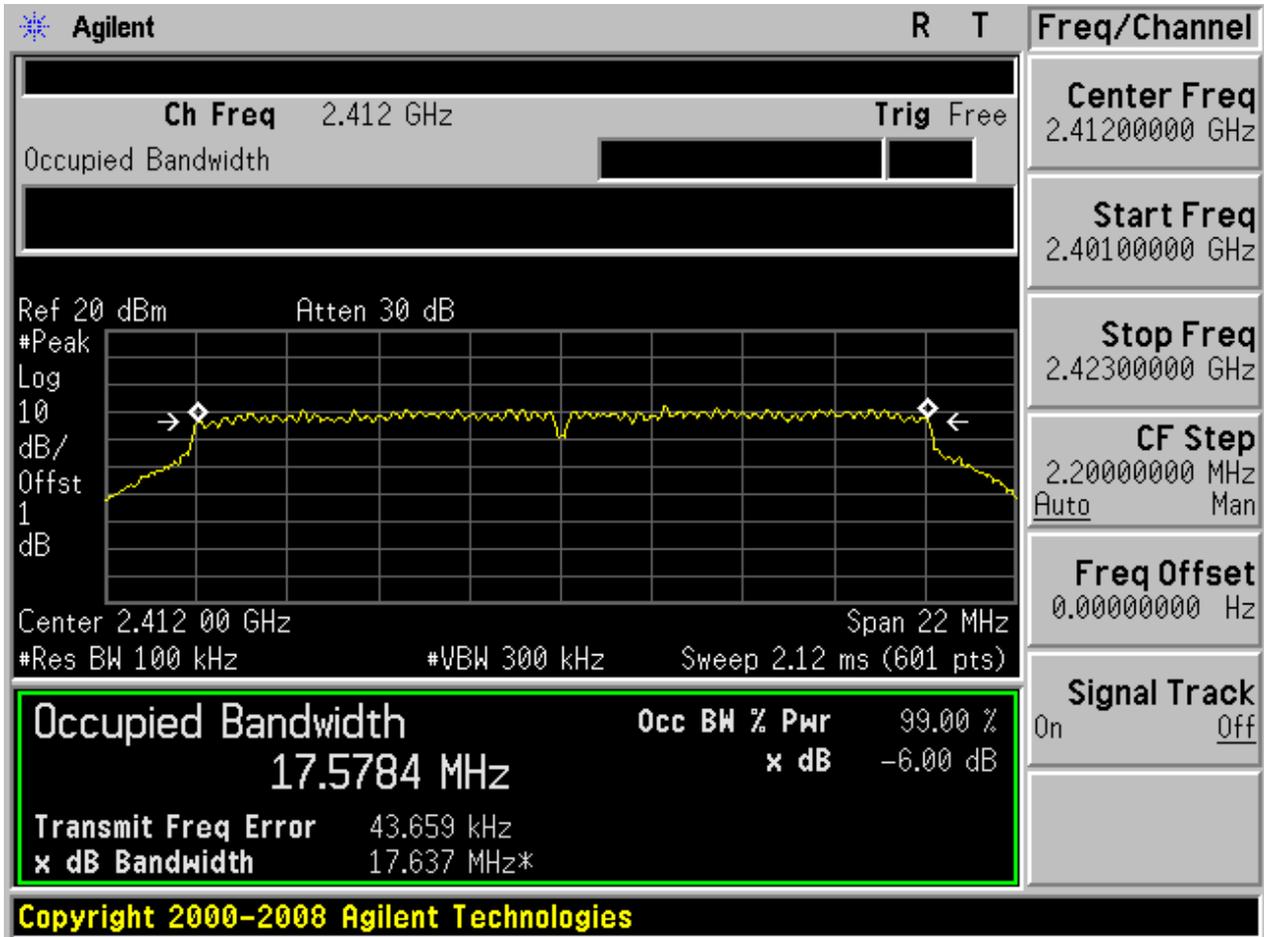


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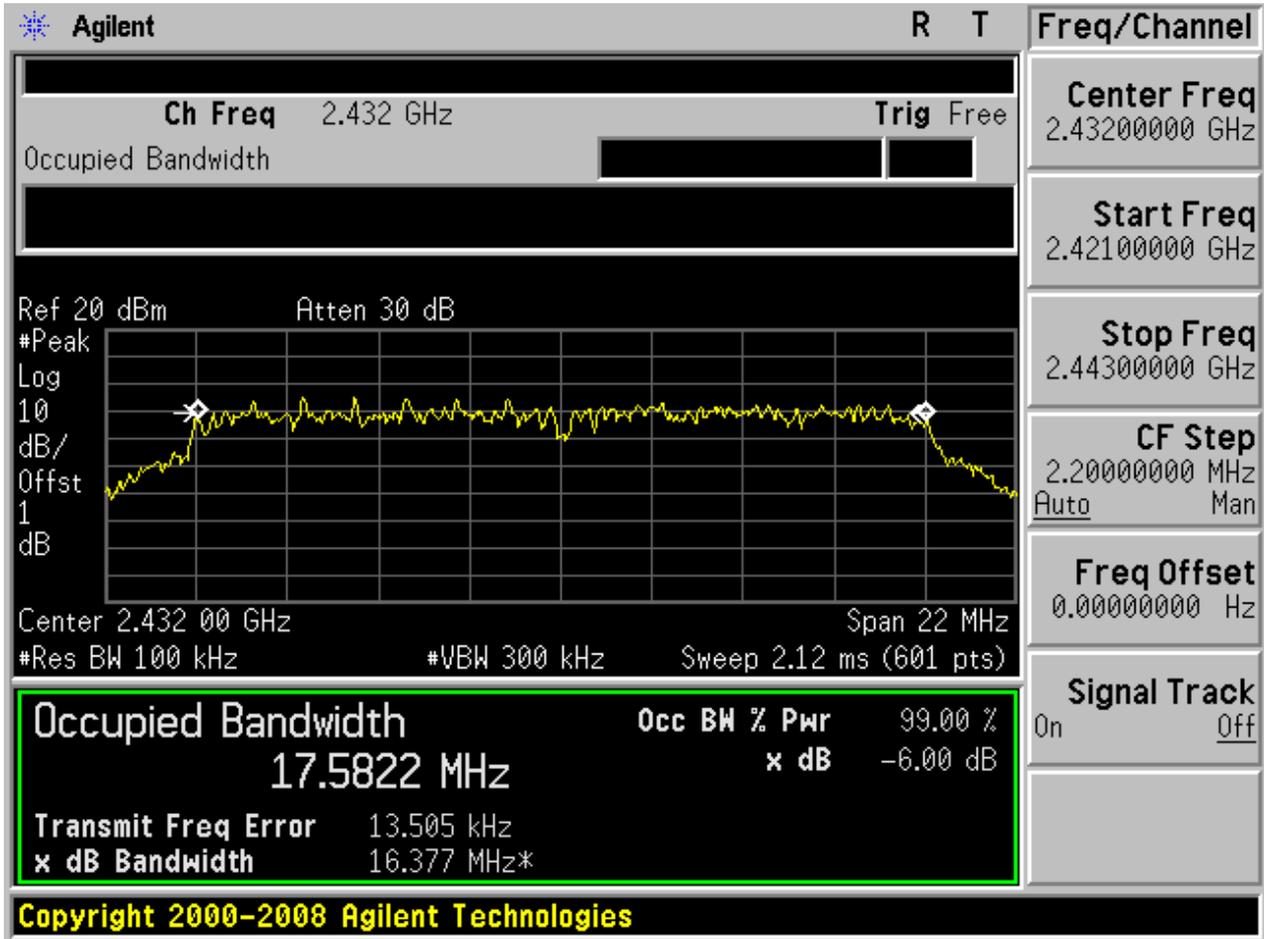


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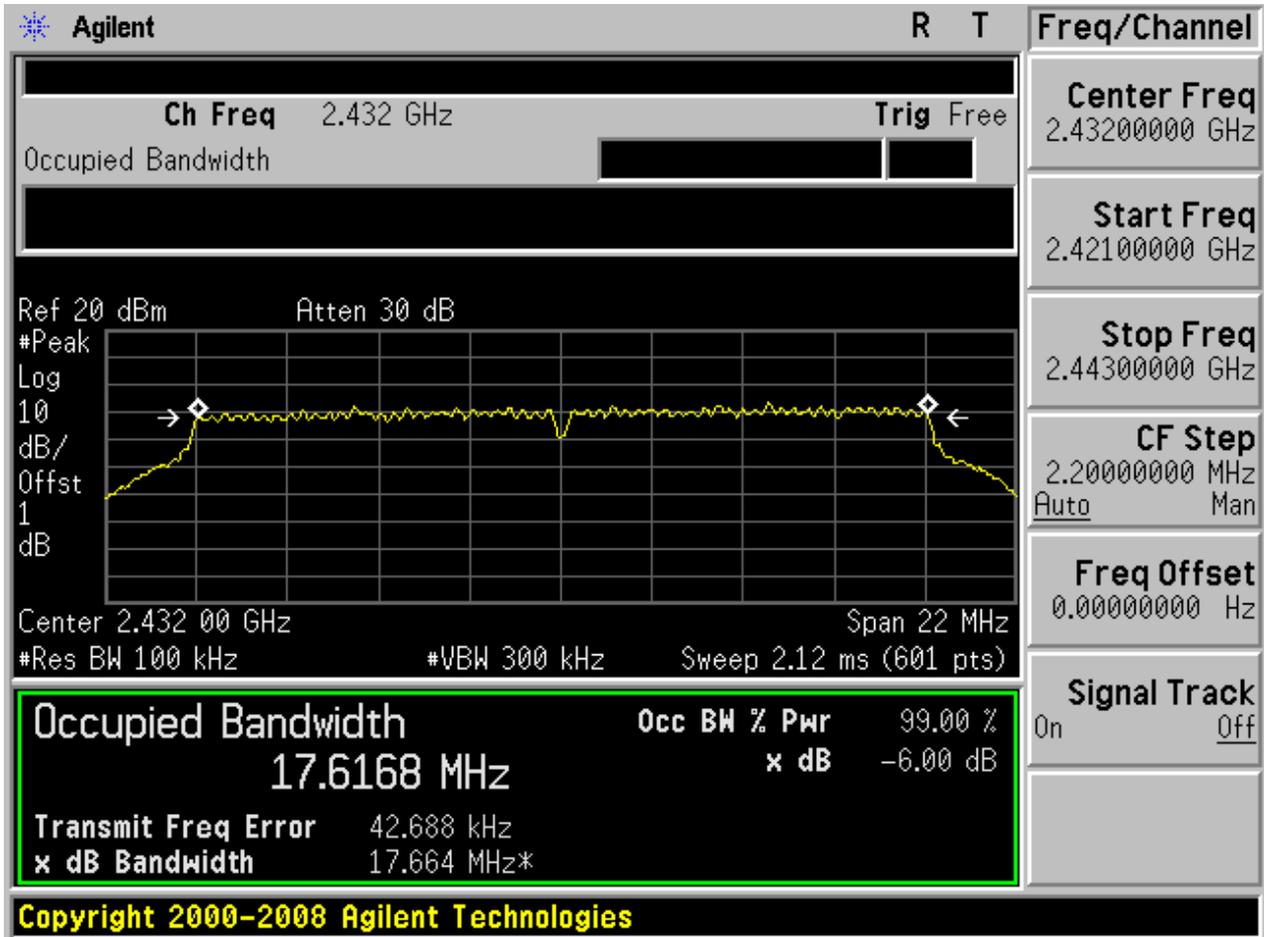


2.21 11N20m_M@Ant 1



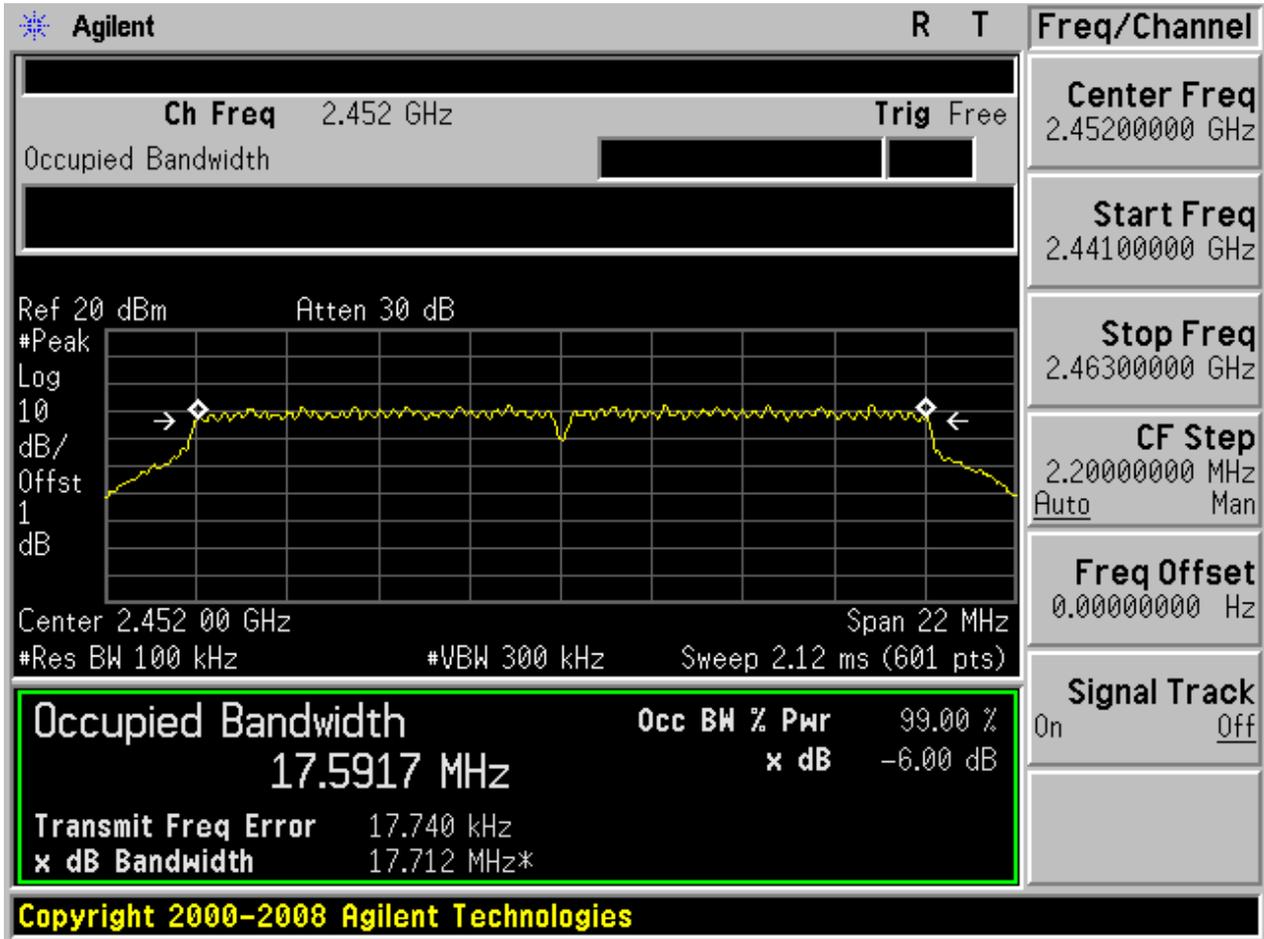


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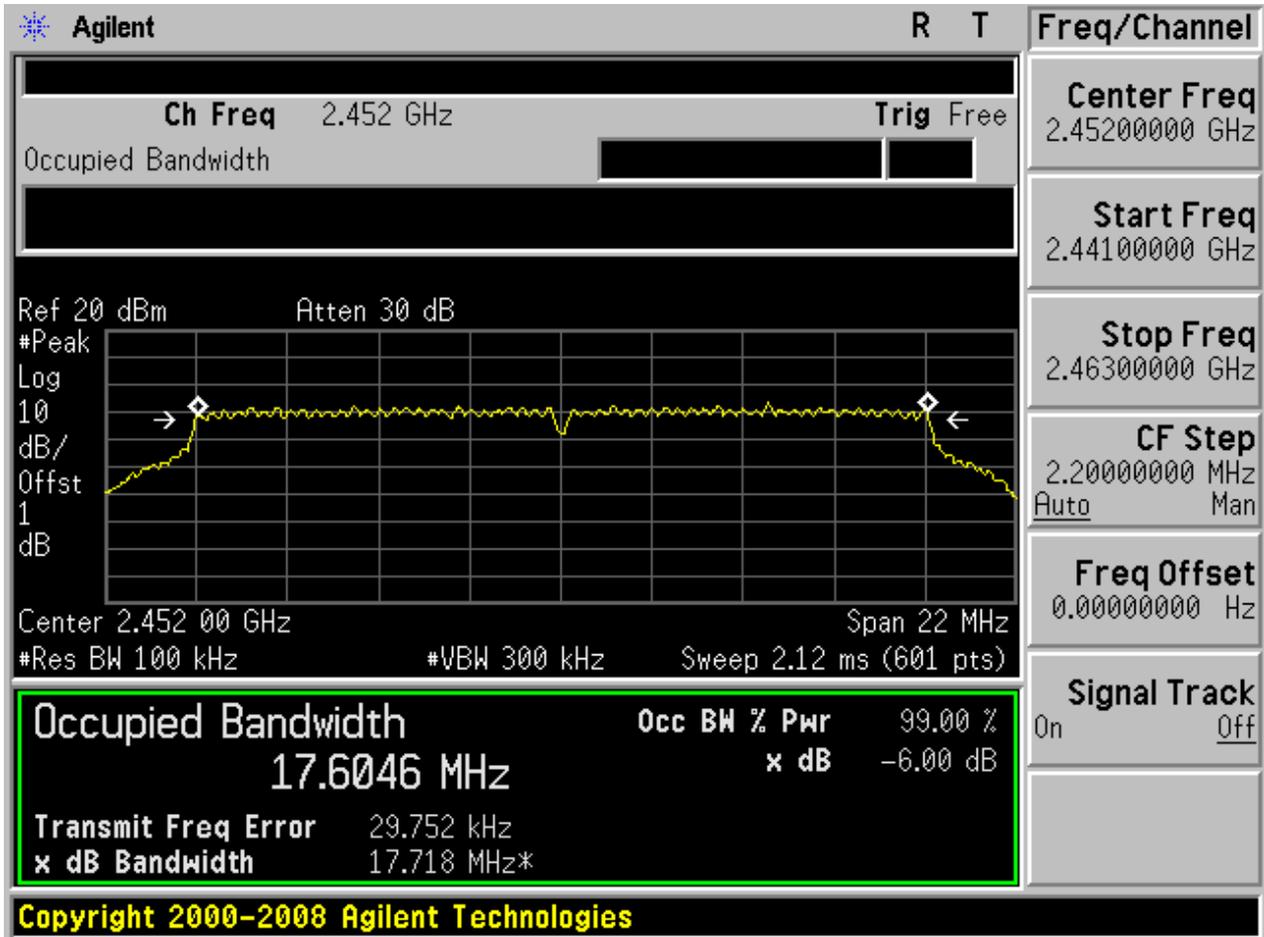


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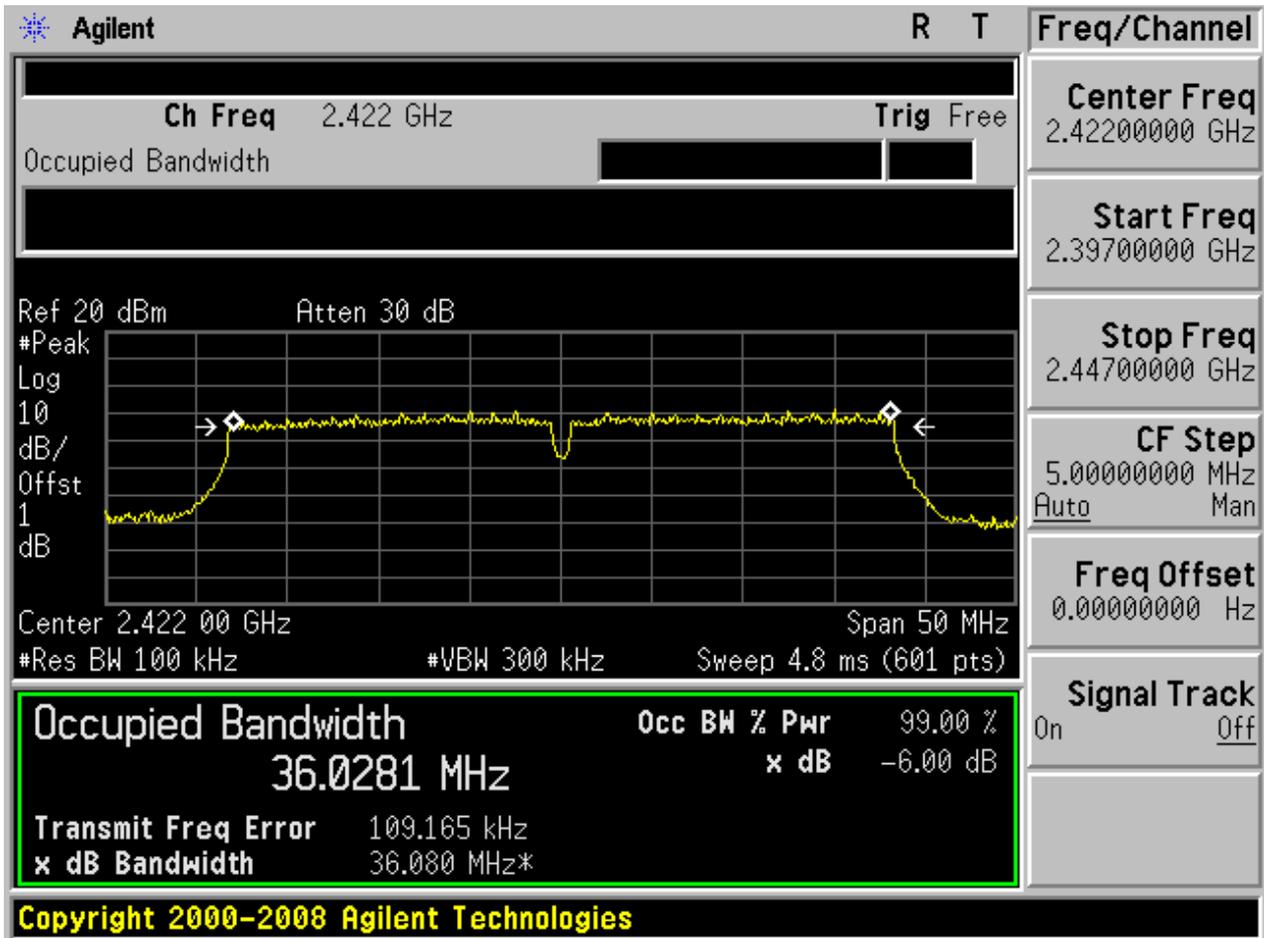




2.24 11N20m_H@Ant 2

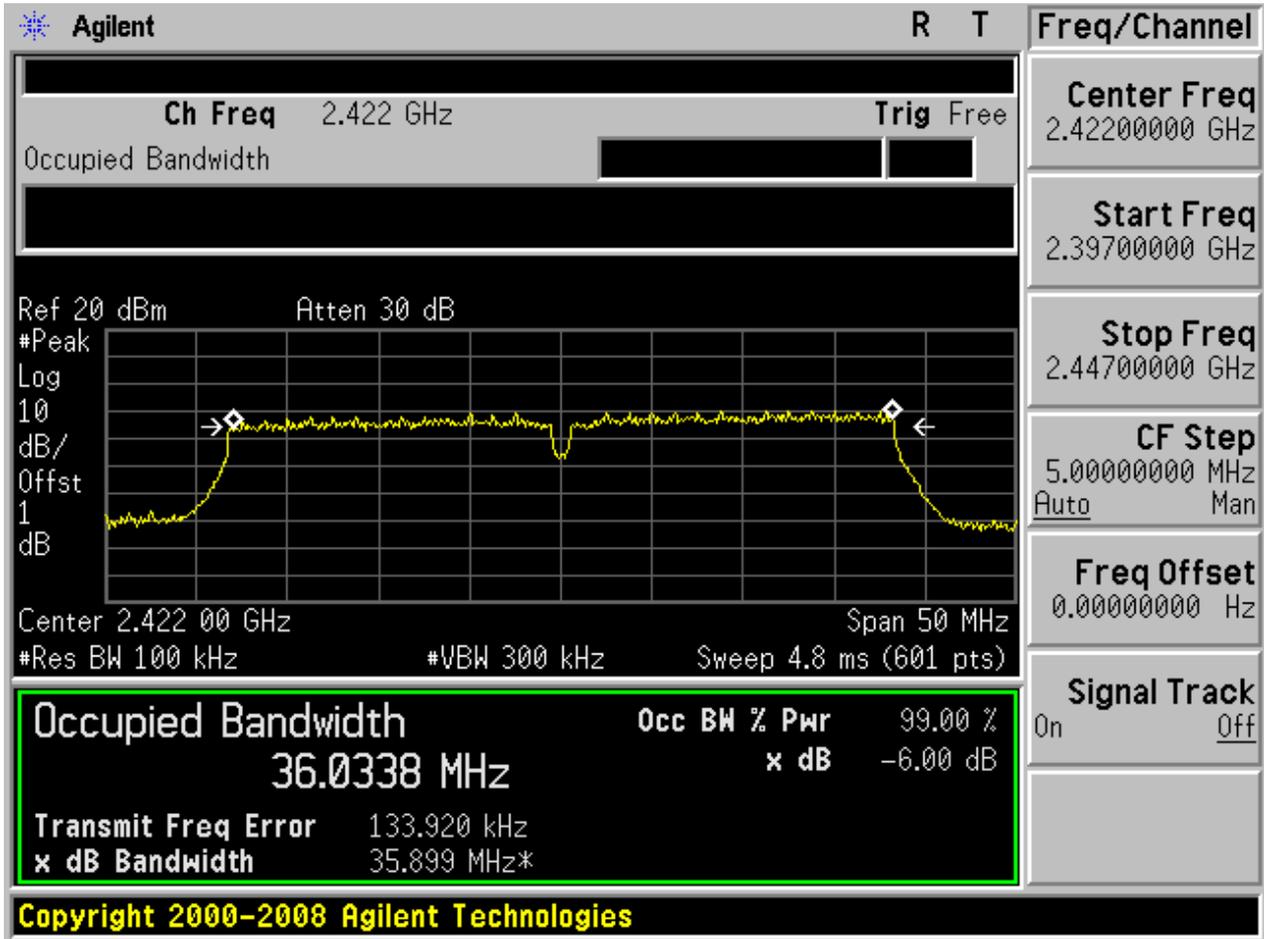


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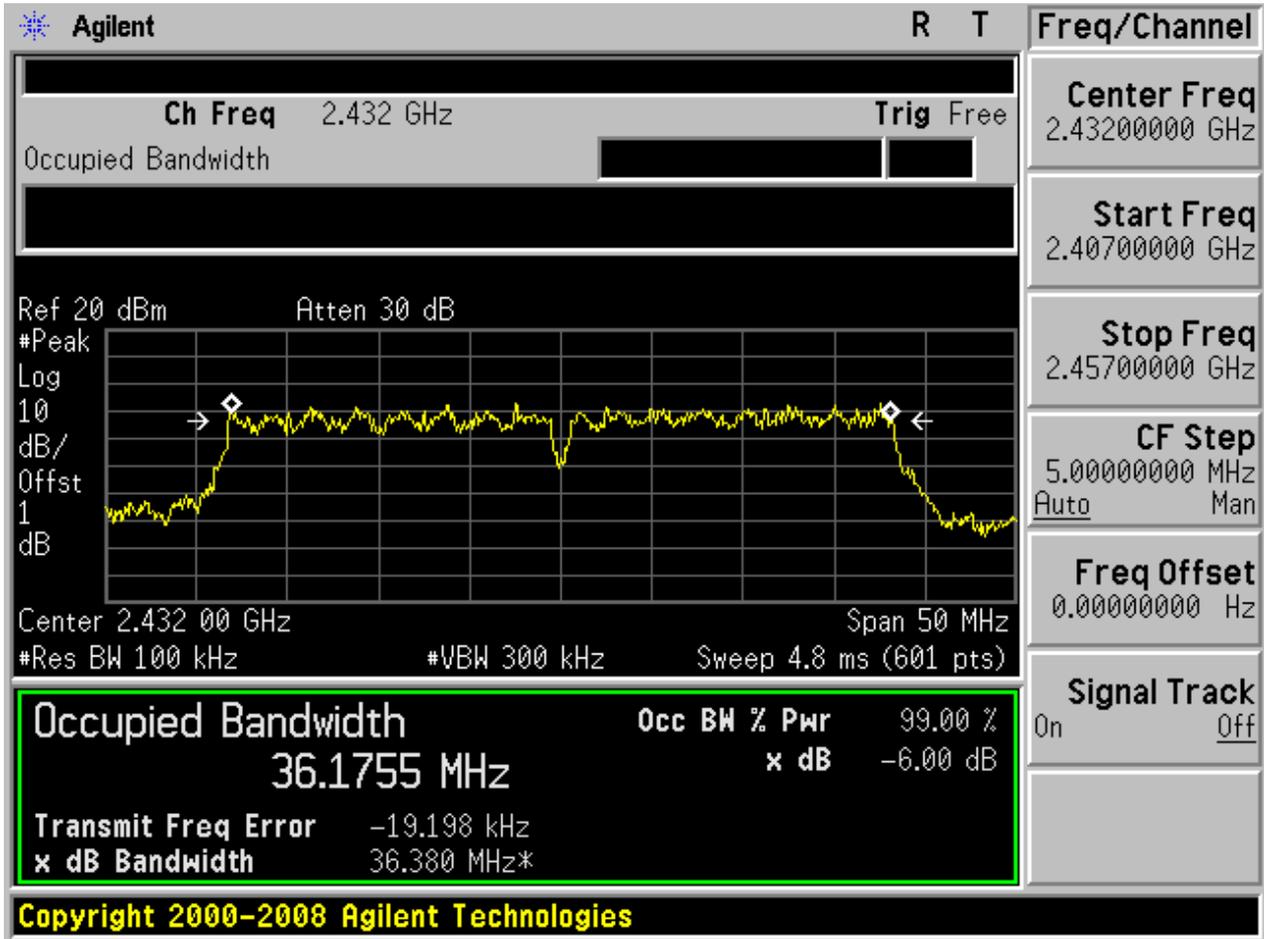


2.26 11N40_L@Ant 2



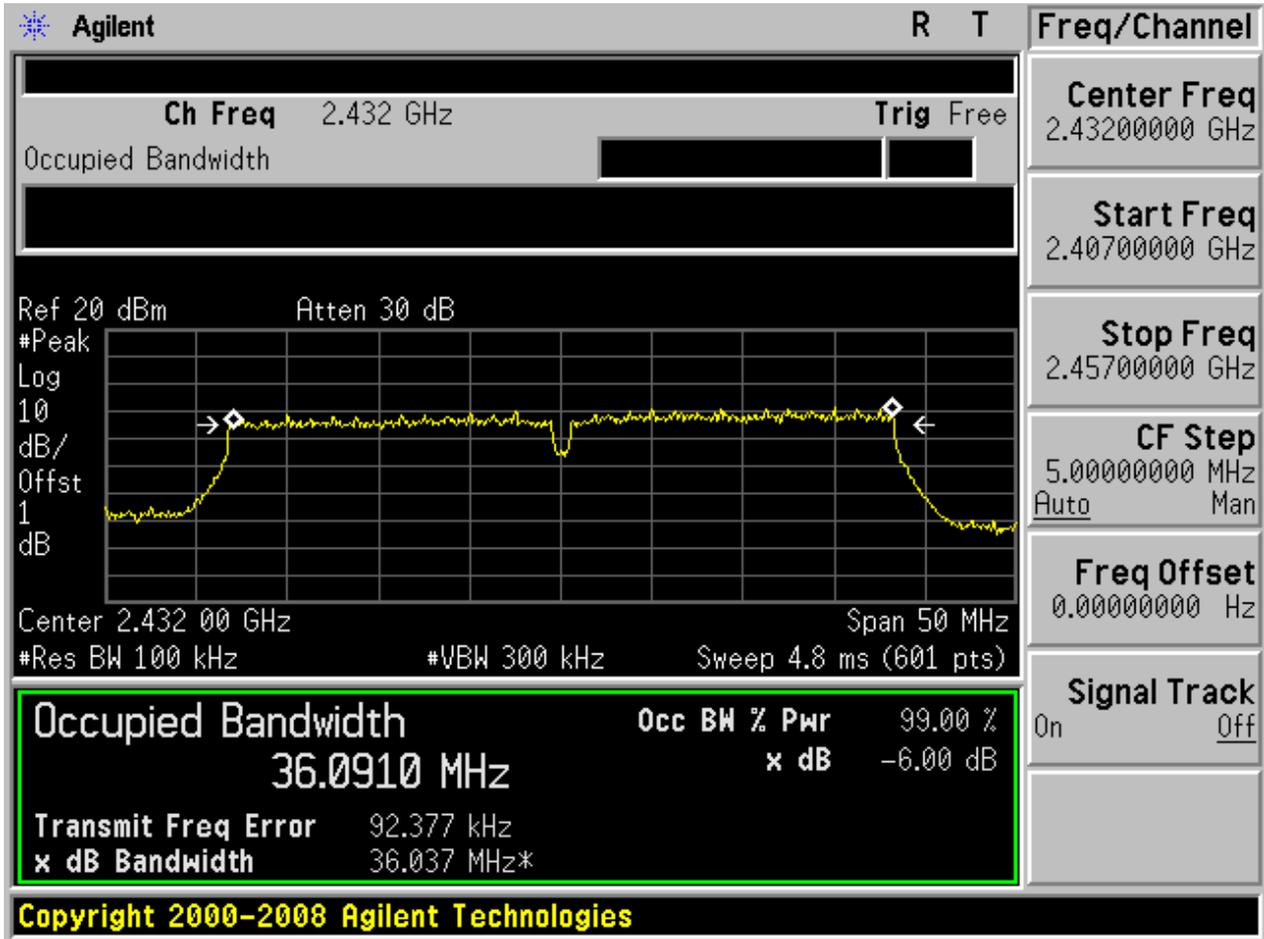


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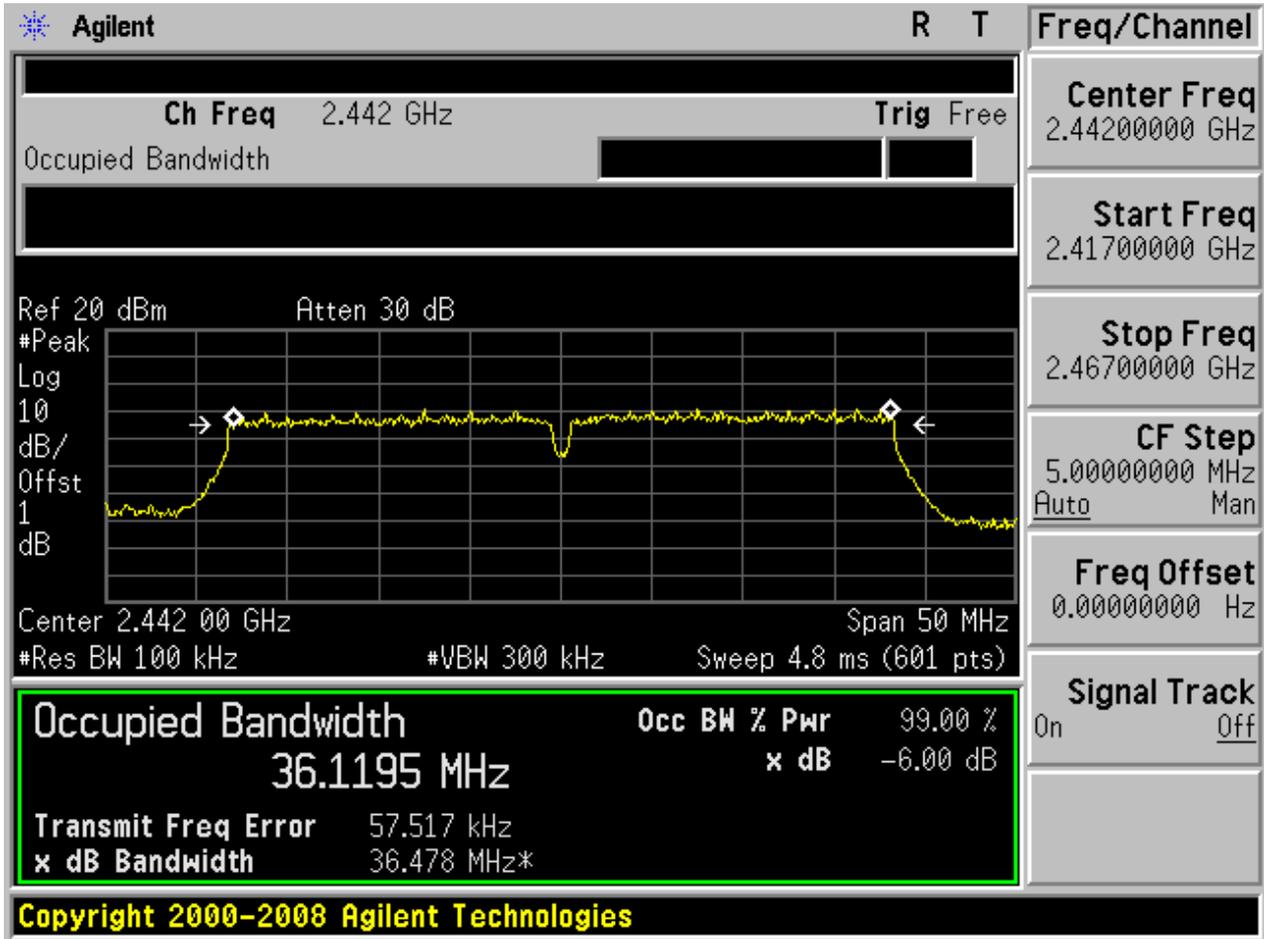


2.28 11N40_M@Ant 2



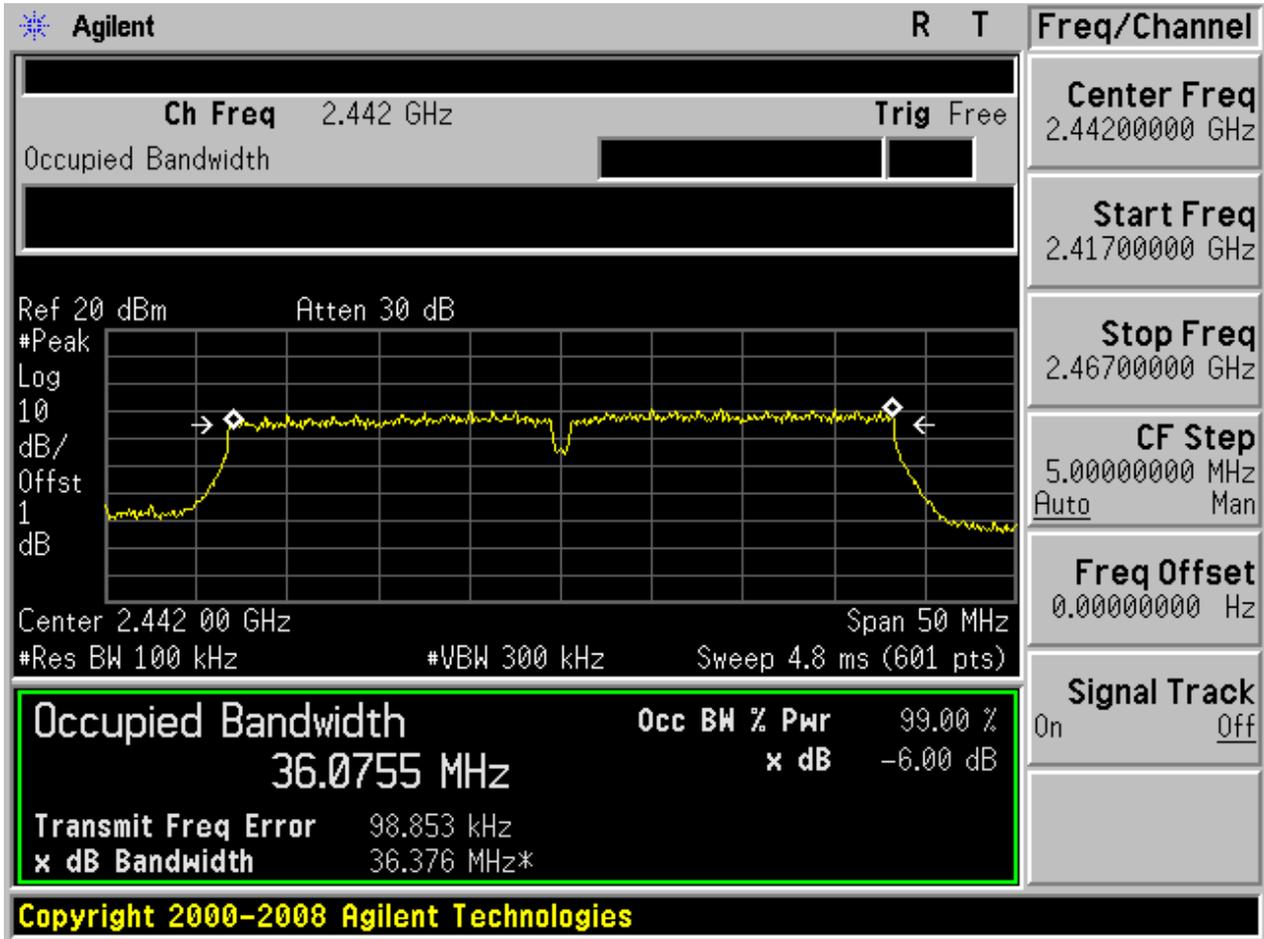


2.29 11N40_H@Ant 1



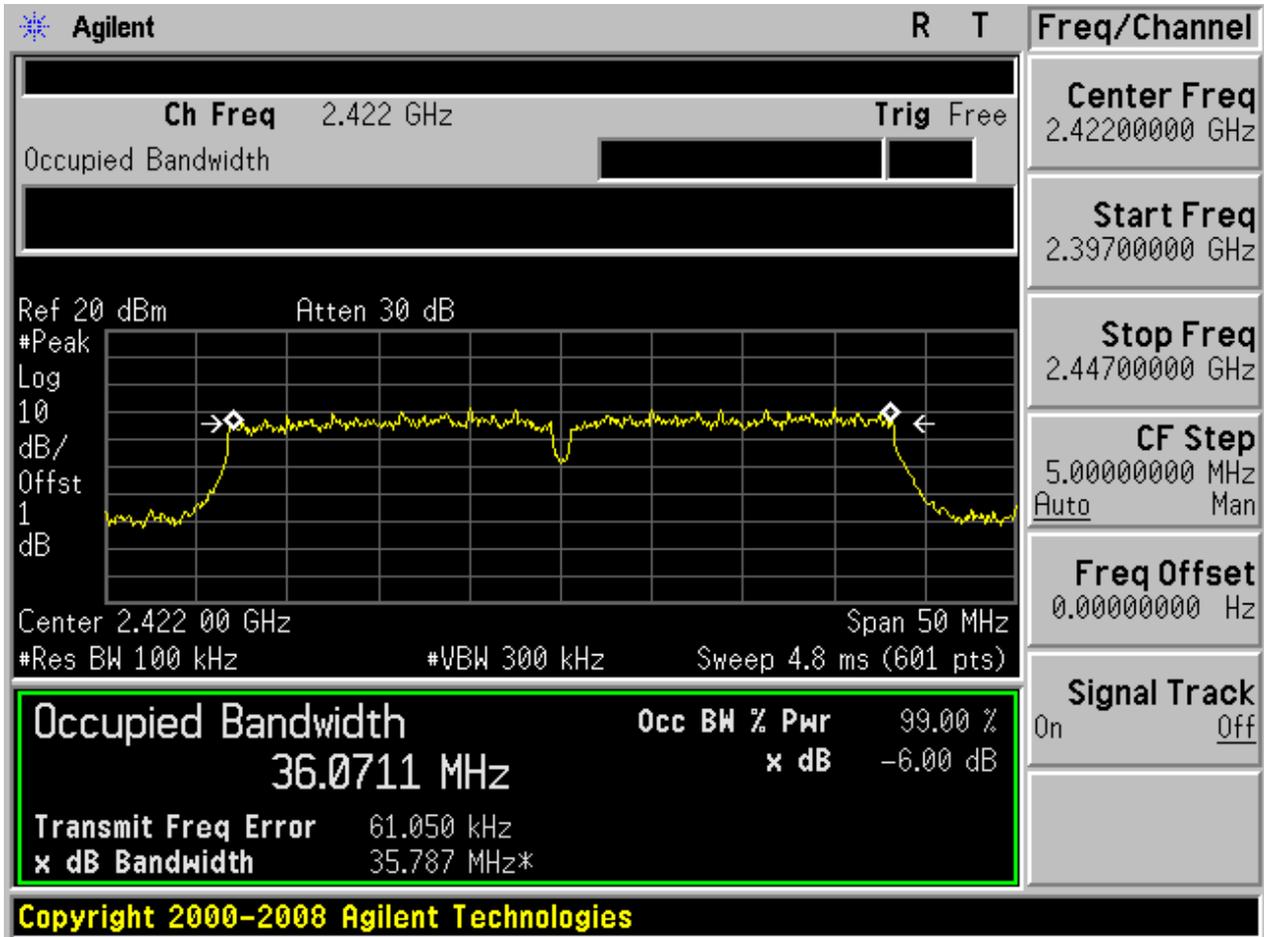


2.30 11N40_H@Ant 2



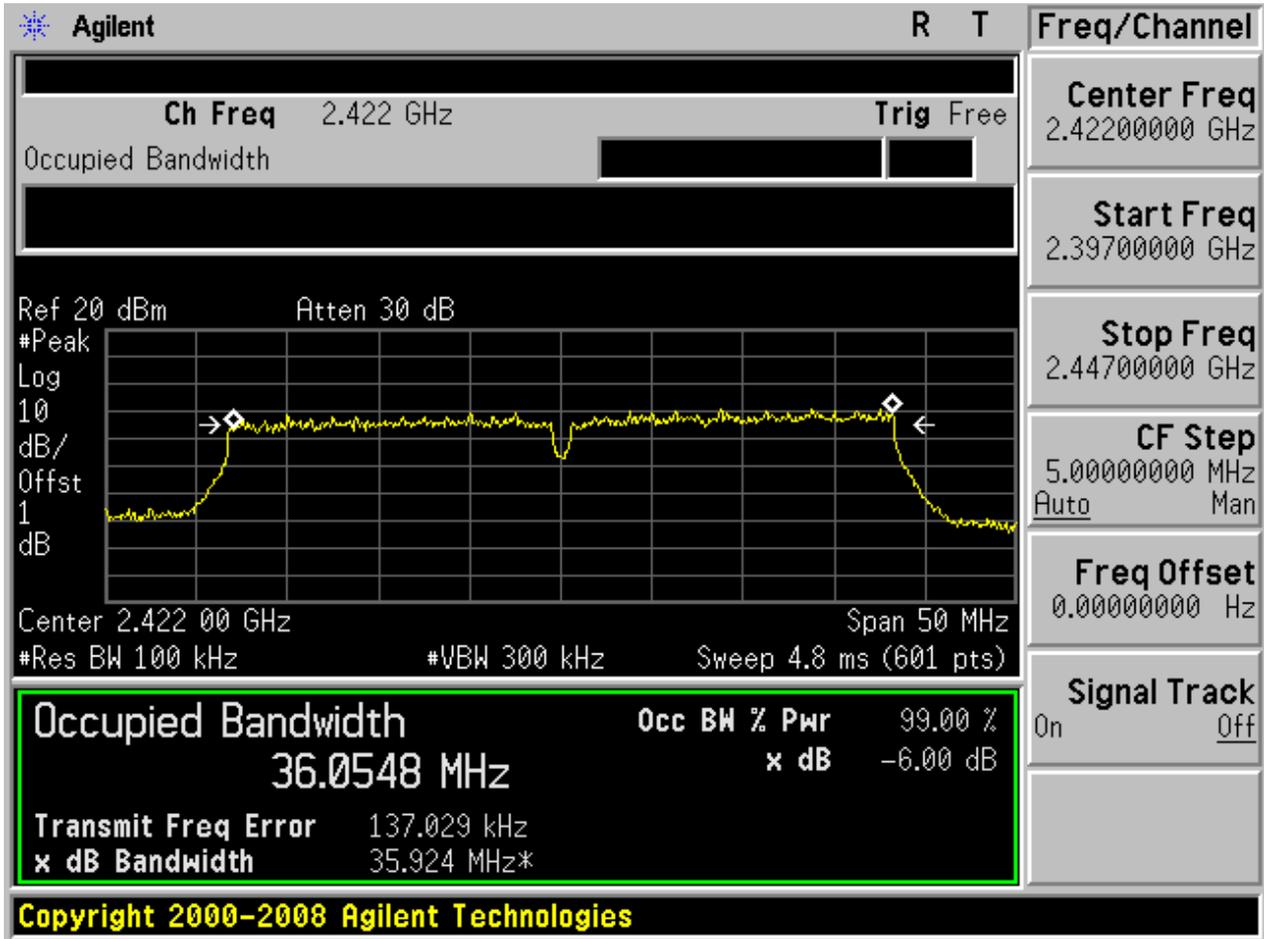


2.31 11N40m_L@Ant 1



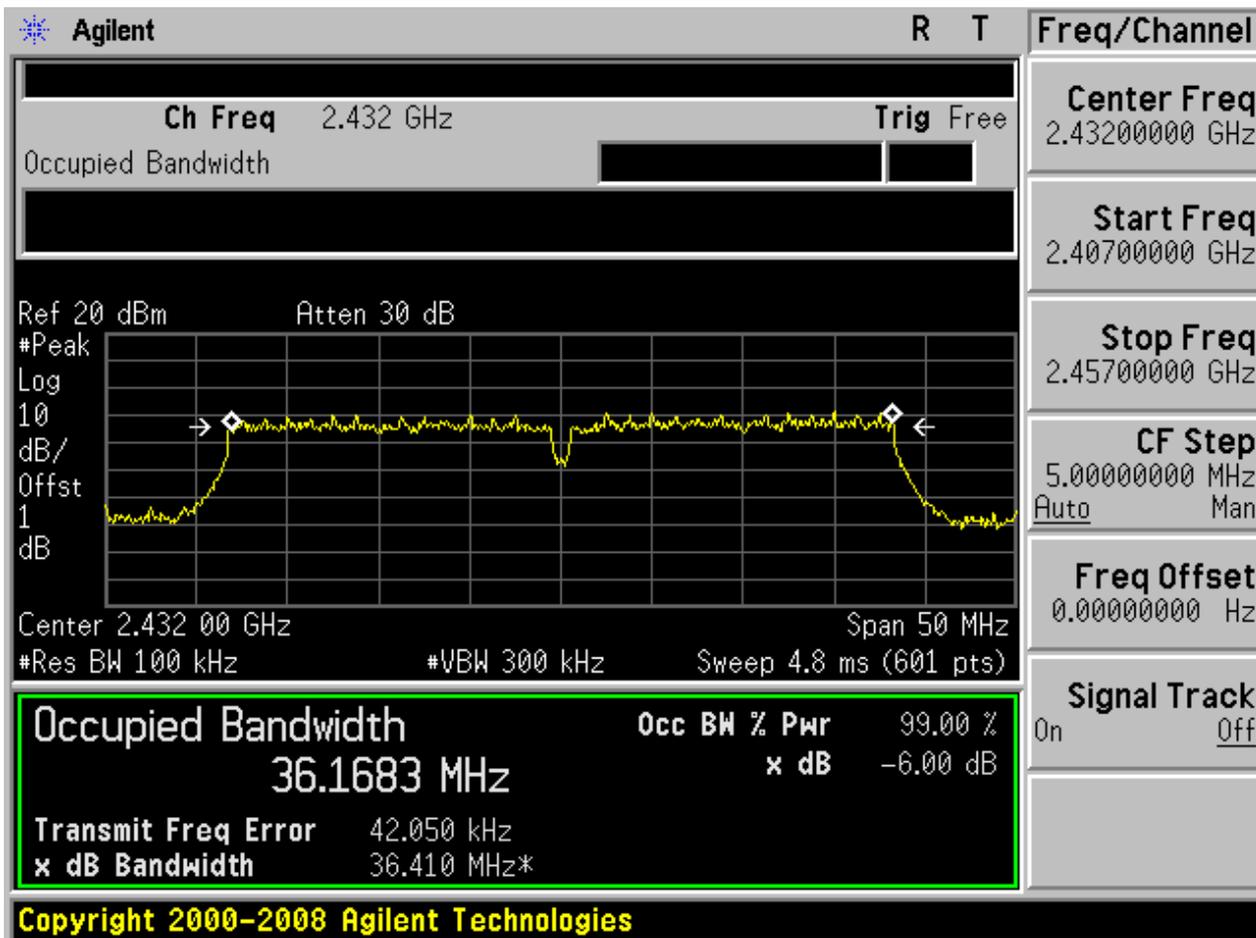


2.32 11N40m_L@Ant 2



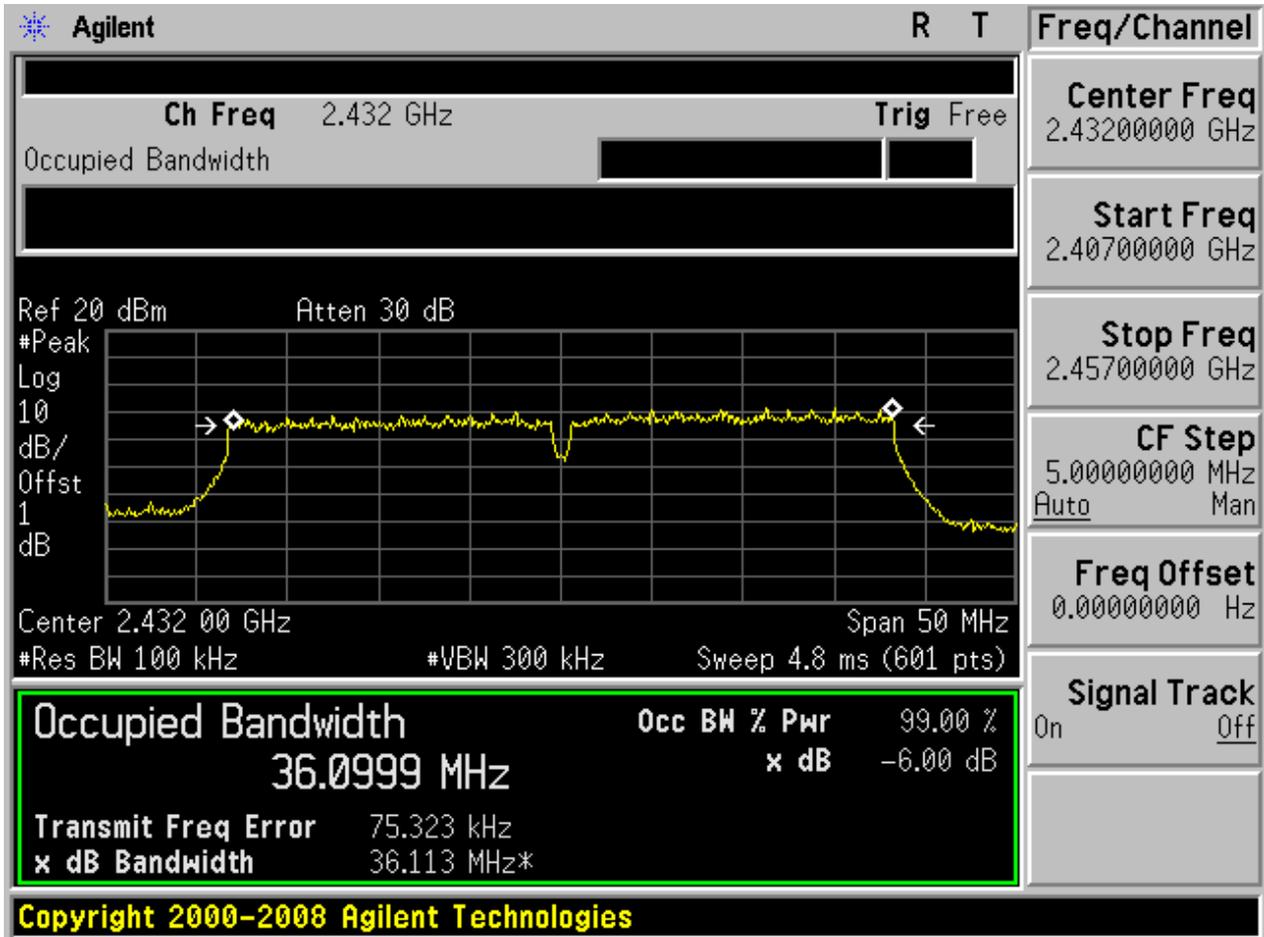


2.33 11N40m_M@Ant 1



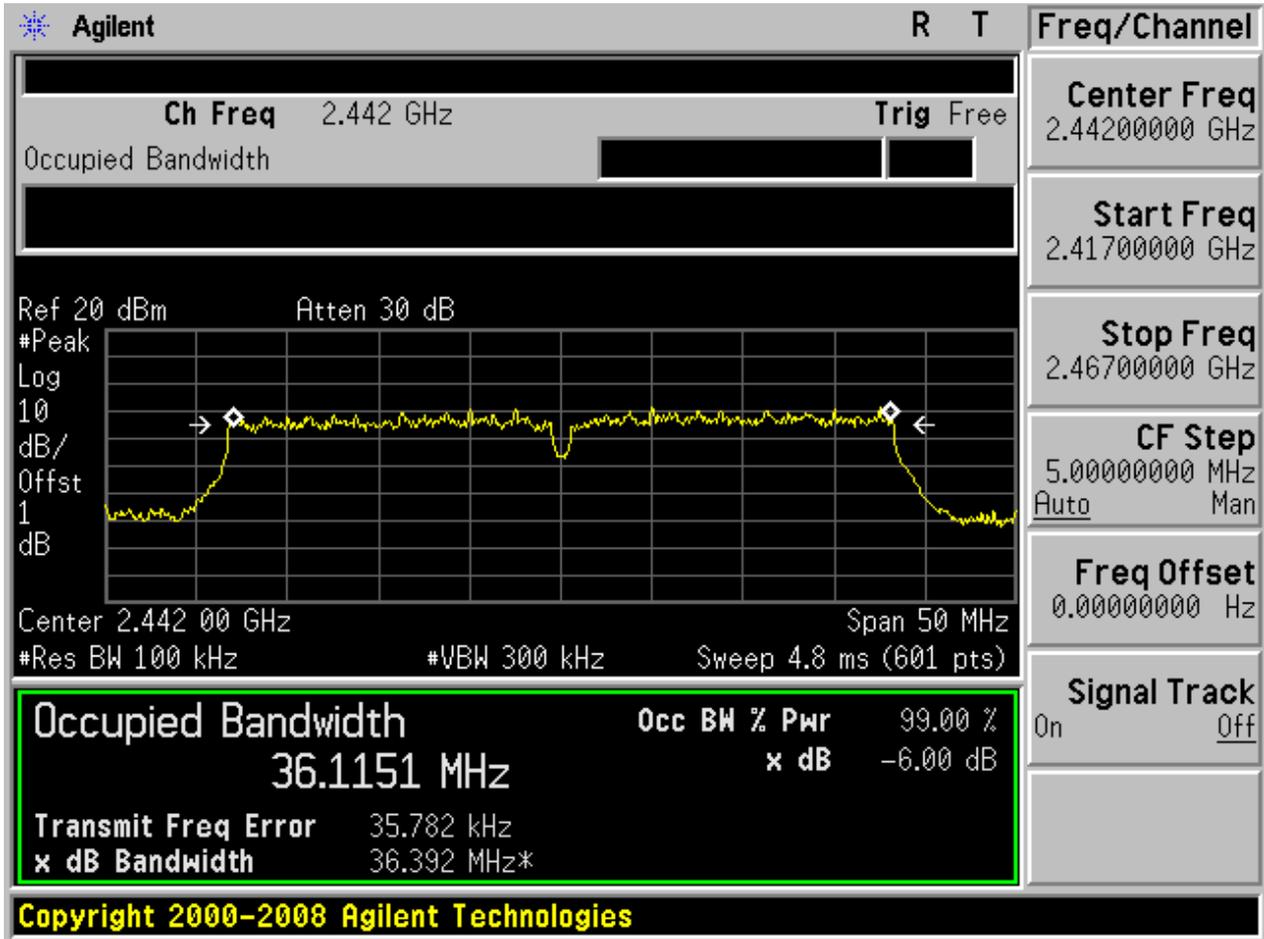


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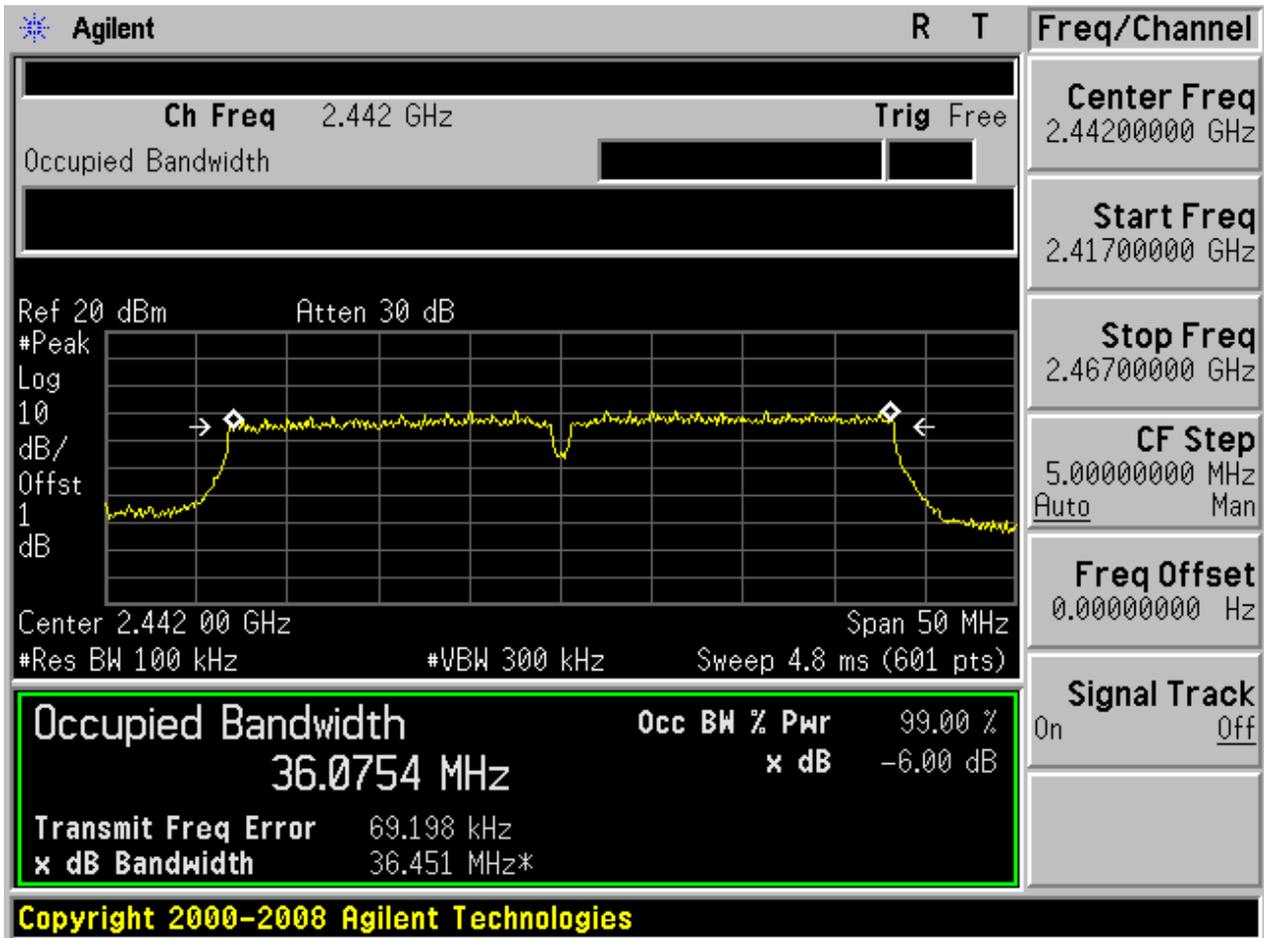




2.35 11N40m_H@Ant 1



2.36 11N40m_H@Ant 2





Appendix B: Maximum Peak Conducted Output Power

Test Mode	Test Channel	Frequency[MHz]	Ant	Power[dBm]	Verdict
11B	L	2412	Ant 1	19.93	pass
11B	L	2412	Ant 2	18.62	pass
11B	M	2432	Ant 1	19.48	pass
11B	M	2432	Ant 2	19.24	pass
11B	H	2452	Ant 1	19.95	pass
11B	H	2452	Ant 2	19.76	pass
11G	L	2412	Ant 1	20.43	pass
11G	L	2412	Ant 2	19.47	pass
11G	M	2432	Ant 1	20.59	pass
11G	M	2432	Ant 2	20.31	pass
11G	H	2452	Ant 1	20.77	pass
11G	H	2452	Ant 2	20.76	pass
11N20	L	2412	Ant 1	19.92	pass
11N20	L	2412	Ant 2	18.79	pass
11N20	M	2432	Ant 1	20.01	pass
11N20	M	2432	Ant 2	19.67	pass
11N20	H	2452	Ant 1	20.13	pass
11N20	H	2452	Ant 2	20.18	pass
11N20m	L	2412	Ant 1	19.81	pass
11N20m	L	2412	Ant 2	18.67	pass
11N20m	L	2412	Sum	22.29	pass
11N20m	M	2432	Ant 1	19.95	pass
11N20m	M	2432	Ant 2	19.67	pass
11N20m	M	2432	Sum	22.82	pass
11N20m	H	2452	Ant 1	20.02	pass
11N20m	H	2452	Ant 2	20.02	pass
11N20m	H	2452	Sum	23.03	pass
11N40	L	2422	Ant 1	20.18	pass
11N40	L	2422	Ant 2	19.49	pass
11N40	M	2432	Ant 1	20.35	pass
11N40	M	2432	Ant 2	19.87	pass
11N40	H	2442	Ant 1	20.22	pass
11N40	H	2442	Ant 2	20.15	pass
11N40m	L	2422	Ant 1	19.89	pass
11N40m	L	2422	Ant 2	19.28	pass
11N40m	L	2422	Sum	22.61	pass
11N40m	M	2432	Ant 1	20.07	pass
11N40m	M	2432	Ant 2	19.73	pass



Test Mode	Test Channel	Frequency[MHz]	Ant	Power[dBm]	Verdict
11N40m	M	2432	Sum	22.91	pass
11N40m	H	2442	Ant 1	20.08	pass
11N40m	H	2442	Ant 2	20.05	pass
11N40m	H	2442	Sum	23.08	pass



Appendix C: Maximum Power Spectral Density Level

Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	PD[dBm/10k Hz]	Verdict
11B	L	2412	Ant 1	-2.24	pass
11B	L	2412	Ant 2	-3.56	pass
11B	M	2432	Ant 1	-3.02	pass
11B	M	2432	Ant 2	-3.47	pass
11B	H	2452	Ant 1	-2.55	pass
11B	H	2452	Ant 2	-2.83	pass
11G	L	2412	Ant 1	-7.85	pass
11G	L	2412	Ant 2	-9.37	pass
11G	M	2432	Ant 1	-7.91	pass
11G	M	2432	Ant 2	-7.92	pass
11G	H	2452	Ant 1	-8.25	pass
11G	H	2452	Ant 2	-7.94	pass
11N20	L	2412	Ant 1	-6.60	pass
11N20	L	2412	Ant 2	-7.24	pass
11N20	M	2432	Ant 1	-6.38	pass
11N20	M	2432	Ant 2	-6.54	pass
11N20	H	2452	Ant 1	-7.14	pass
11N20	H	2452	Ant 2	-7.30	pass
11N20m	L	2412	Ant 1	-7.95	pass
11N20m	L	2412	Ant 2	-7.94	pass
11N20m	L	2412	Sum	-4.93	pass
11N20m	M	2432	Ant 1	-7.33	pass
11N20m	M	2432	Ant 2	-6.57	pass
11N20m	M	2432	Sum	-3.92	pass
11N20m	H	2452	Ant 1	-7.70	pass
11N20m	H	2452	Ant 2	-6.72	pass
11N20m	H	2452	Sum	-4.17	pass
11N40	L	2422	Ant 1	-8.76	pass
11N40	L	2422	Ant 2	-9.50	pass
11N40	M	2432	Ant 1	-9.59	pass
11N40	M	2432	Ant 2	-8.29	pass
11N40	H	2442	Ant 1	-9.20	pass
11N40	H	2442	Ant 2	-8.59	pass
11N40m	L	2422	Ant 1	-10.01	pass
11N40m	L	2422	Ant 2	-8.54	pass

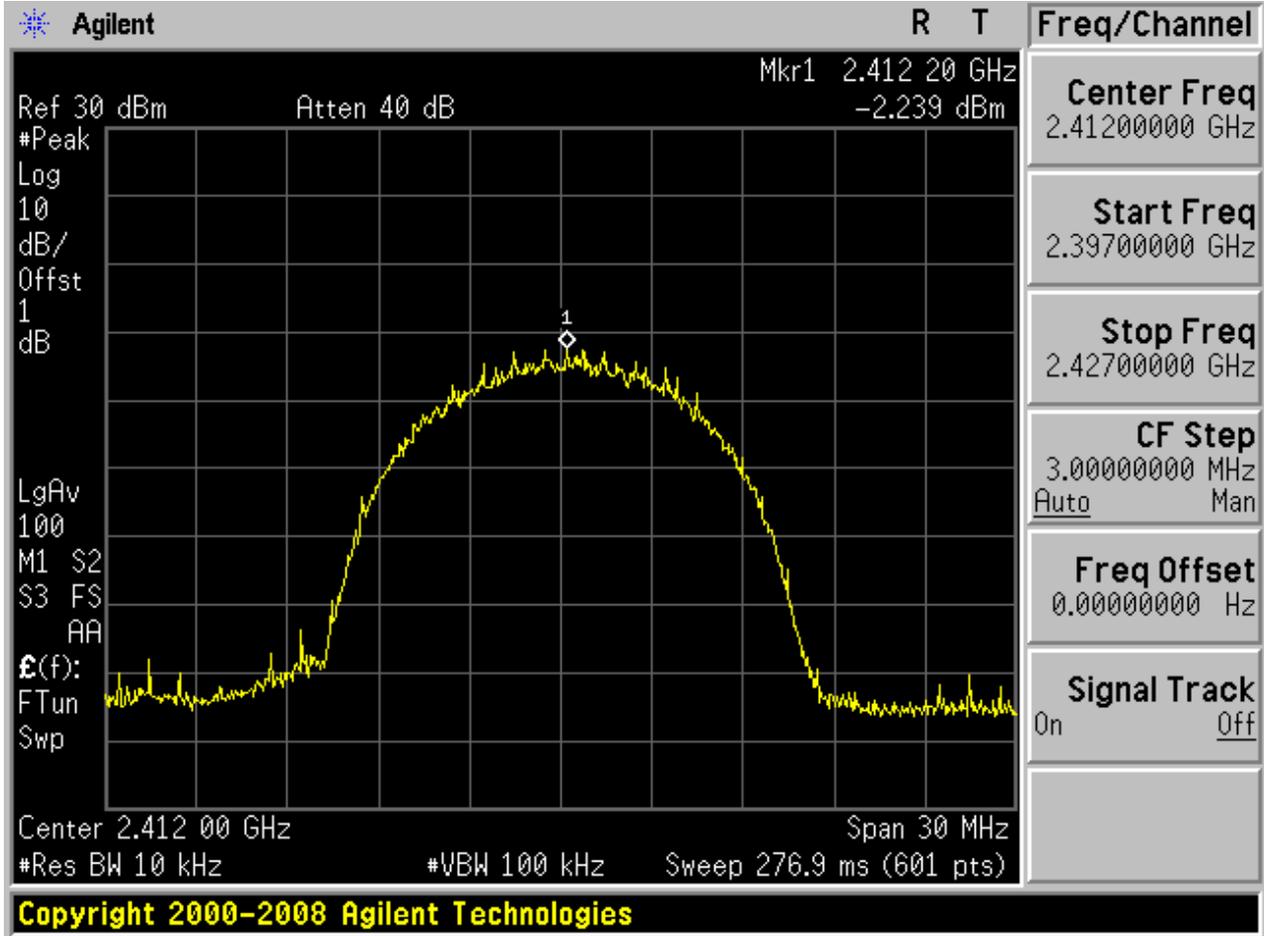


Test Mode	Test Channel	Frequency[MHz]	Ant	PD[dBm/10k Hz]	Verdict
11N40m	L	2422	Sum	-6.20	pass
11N40m	M	2432	Ant 1	-10.14	pass
11N40m	M	2432	Ant 2	-9.55	pass
11N40m	M	2432	Sum	-6.82	pass
11N40m	H	2442	Ant 1	-9.88	pass
11N40m	H	2442	Ant 2	-9.25	pass
11N40m	H	2442	Sum	-6.54	pass



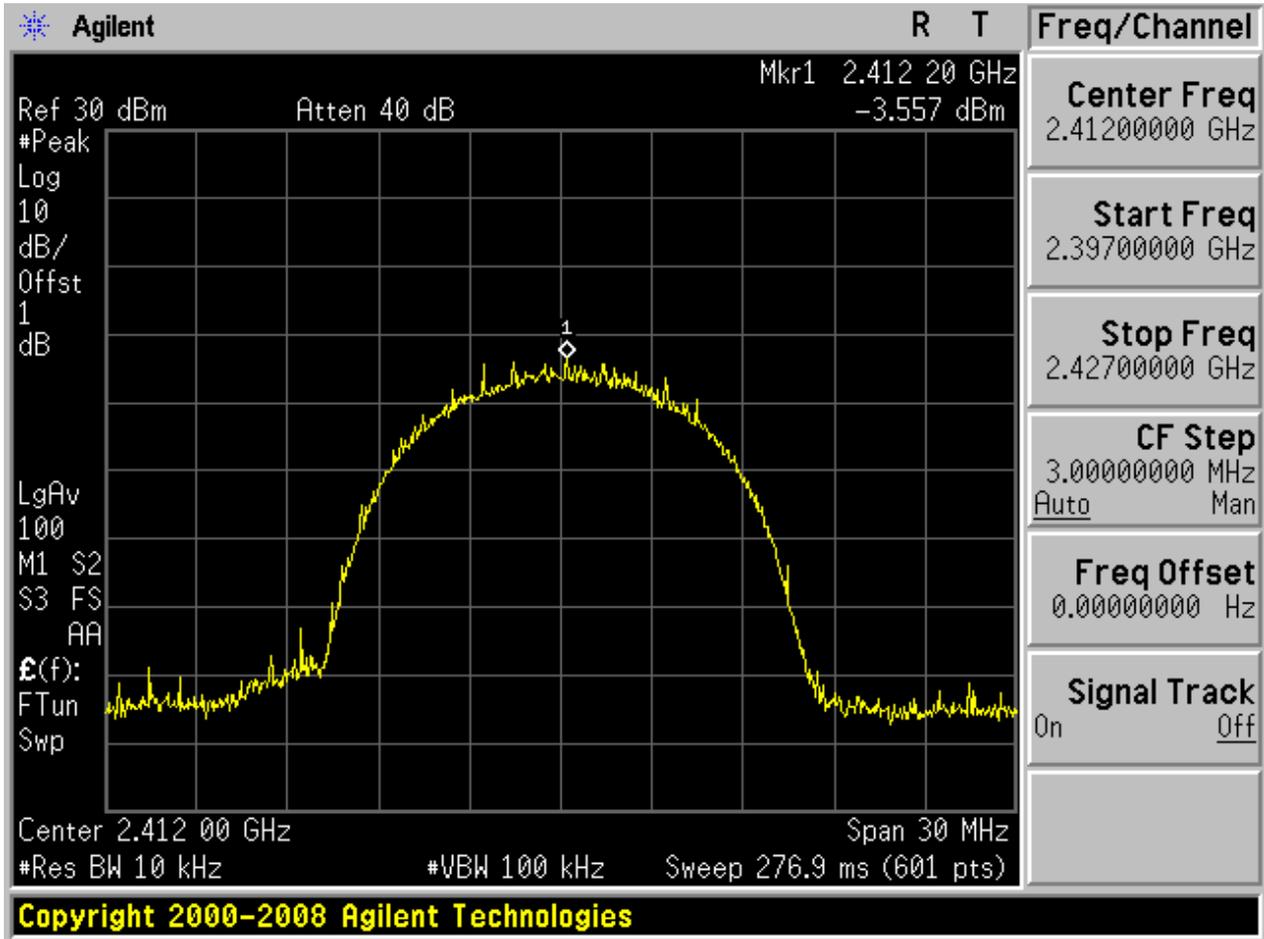
Part II - Test Plots

2.1 11B_L@Ant 1



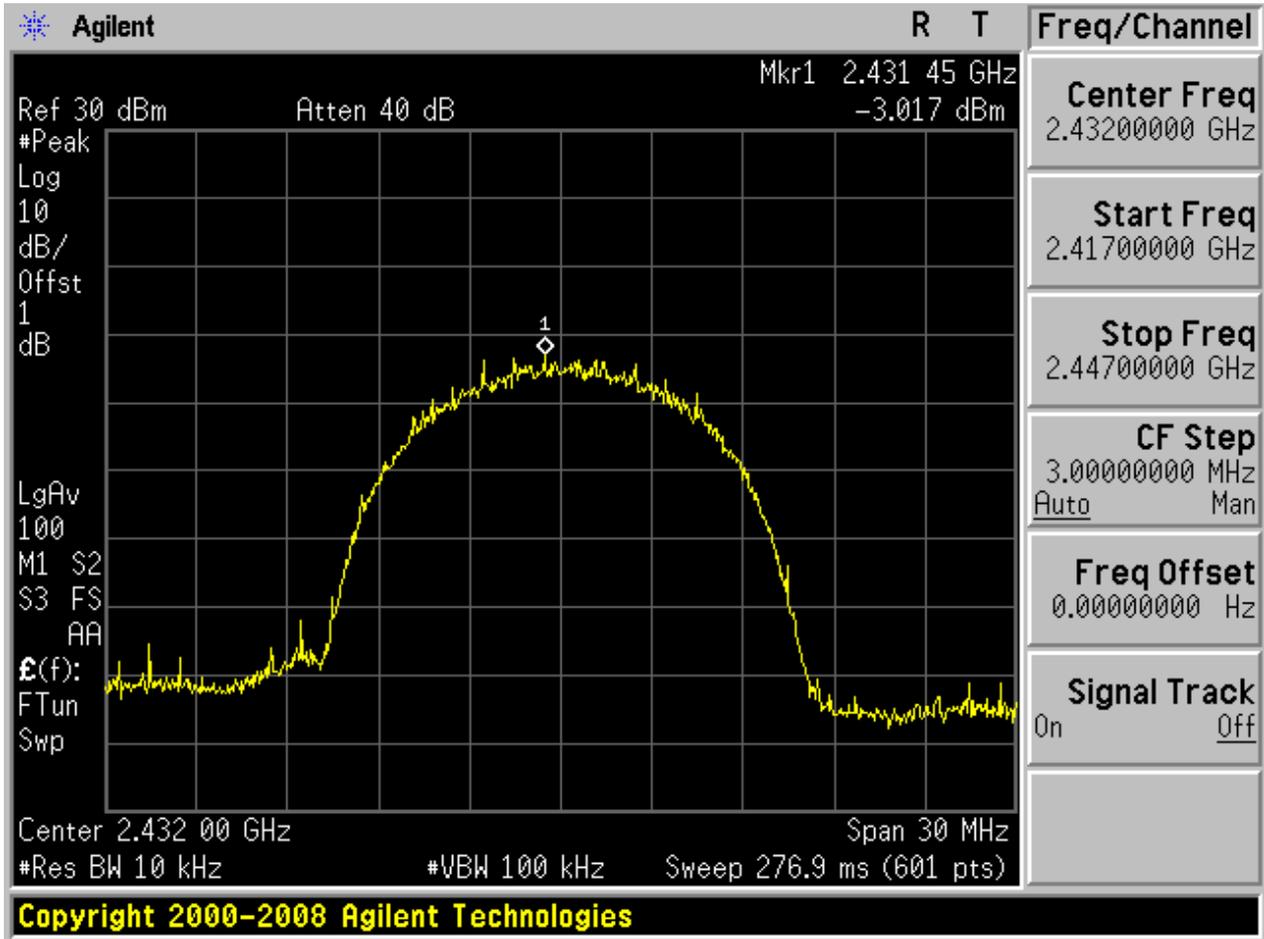


2.2 11B_L@Ant 2



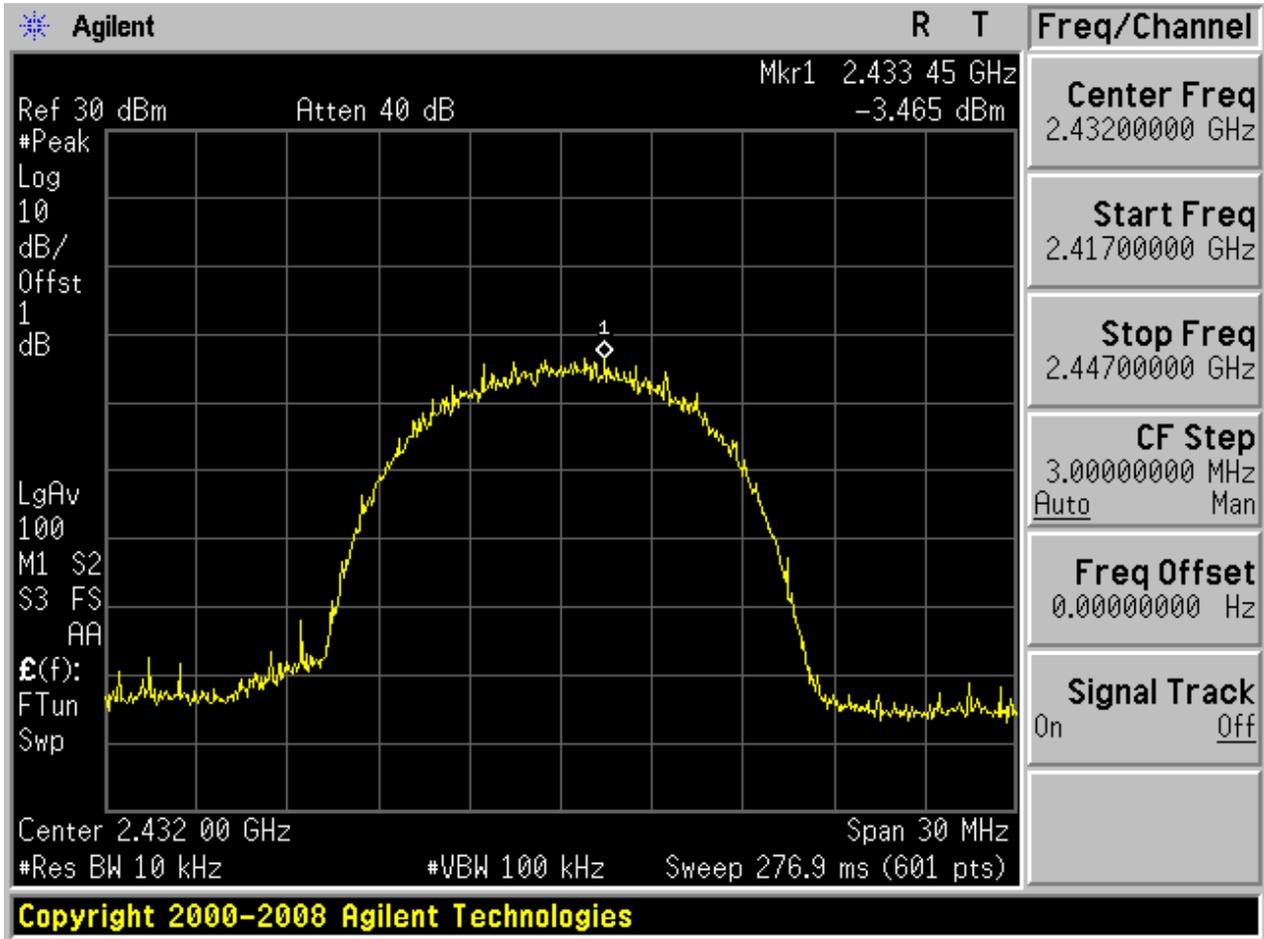


2.3 11B_M@Ant 1



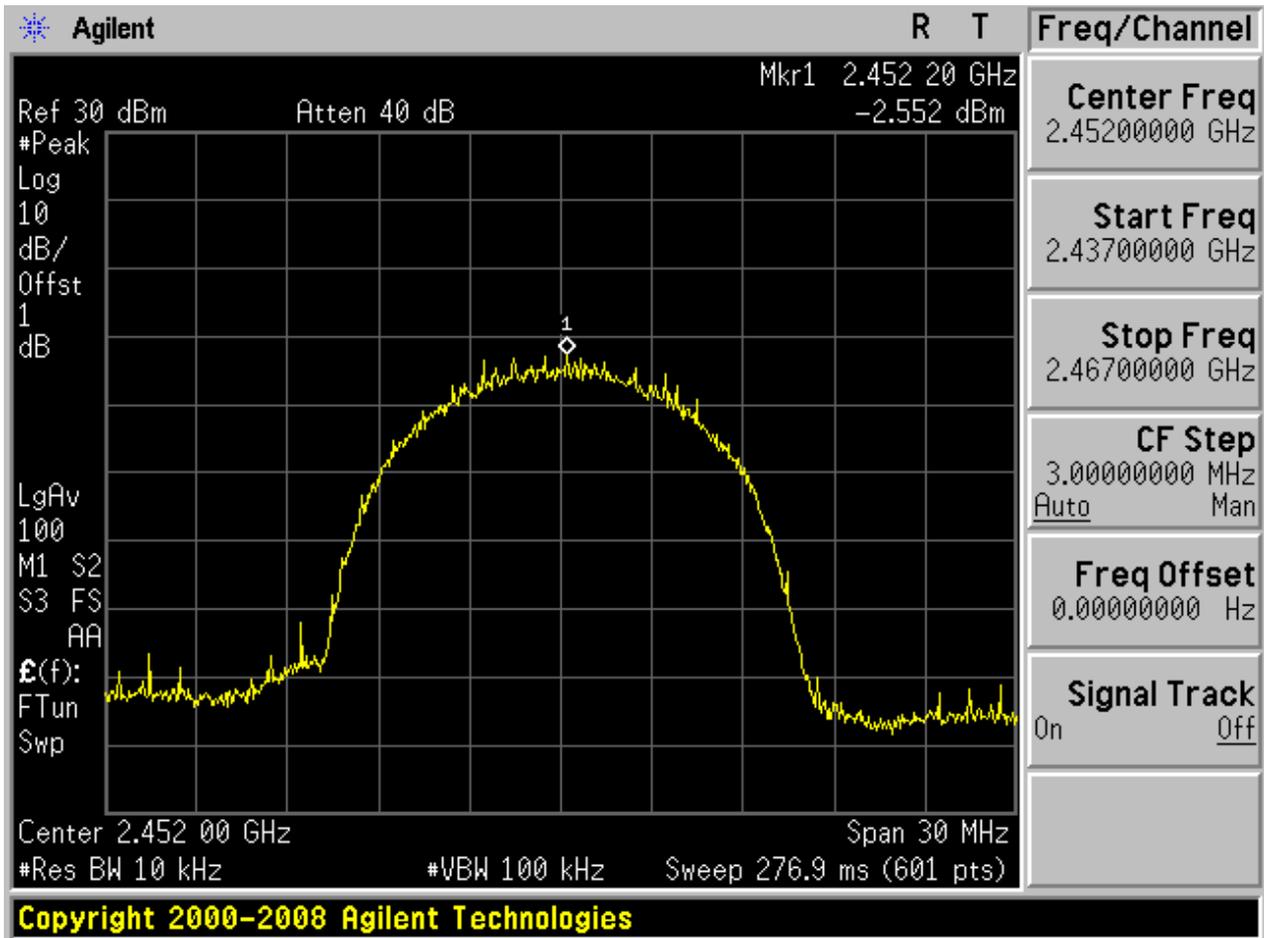


2.4 11B_M@Ant 2



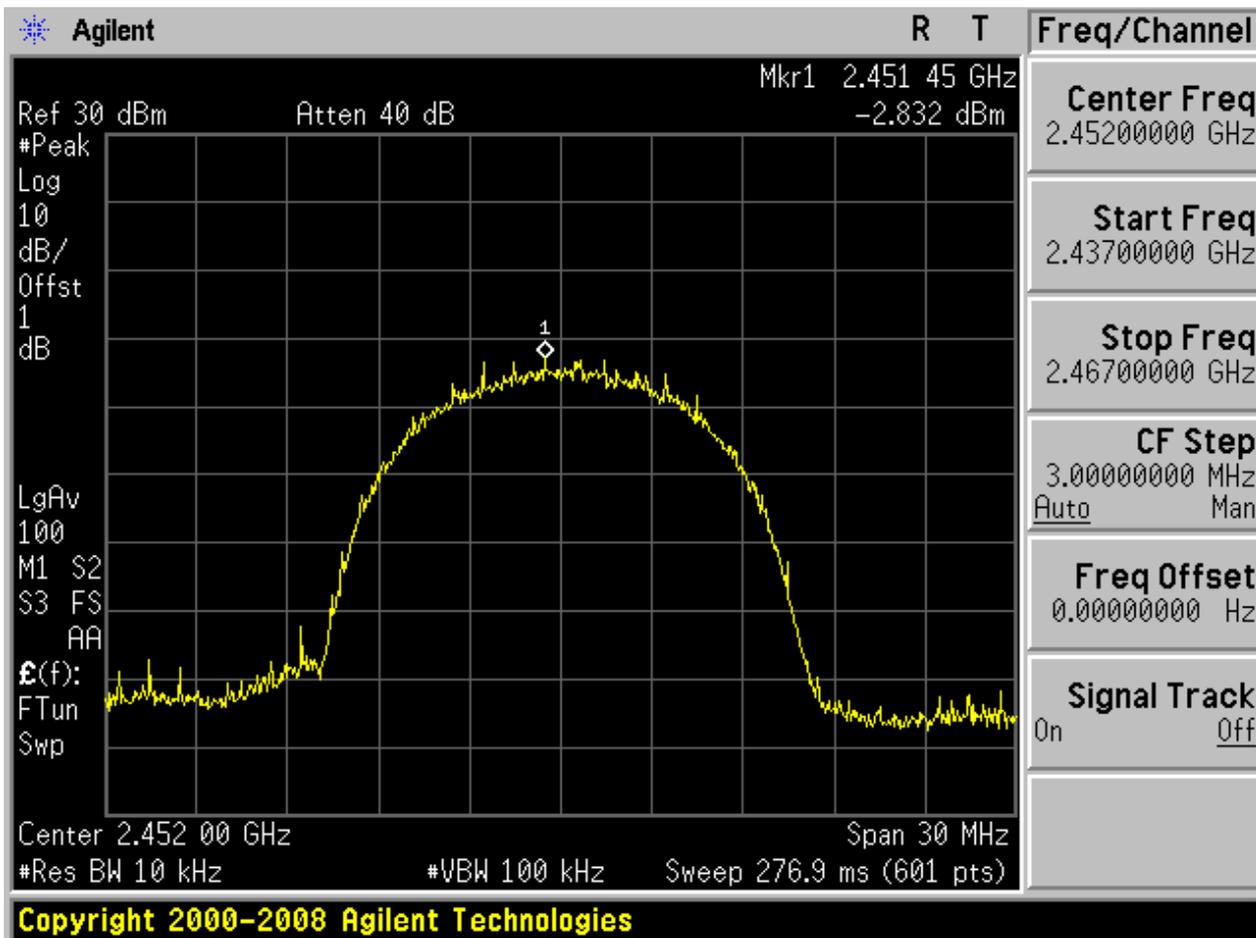


2.5 11B_H@Ant 1



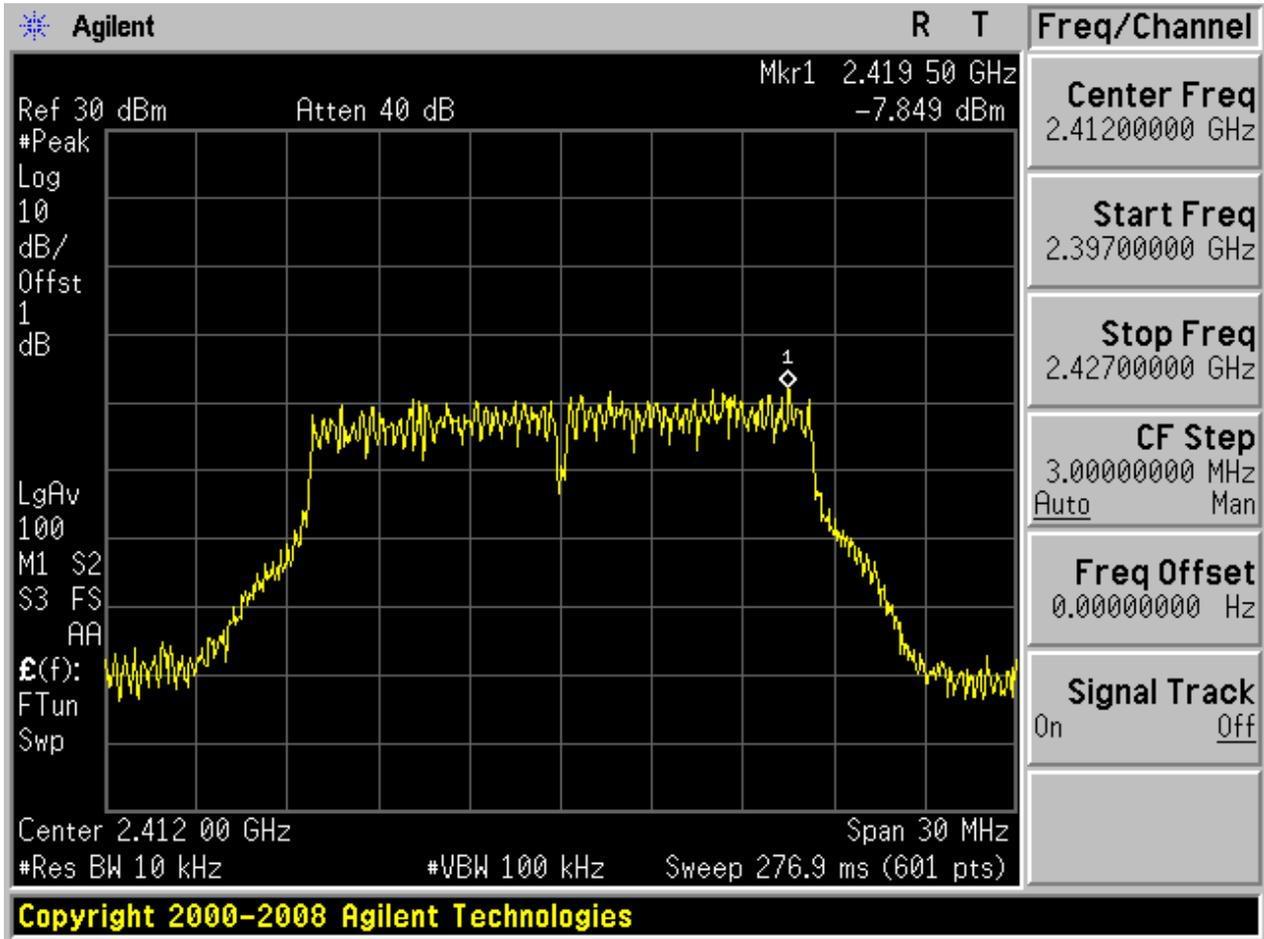


2.6 11B_H@Ant 2



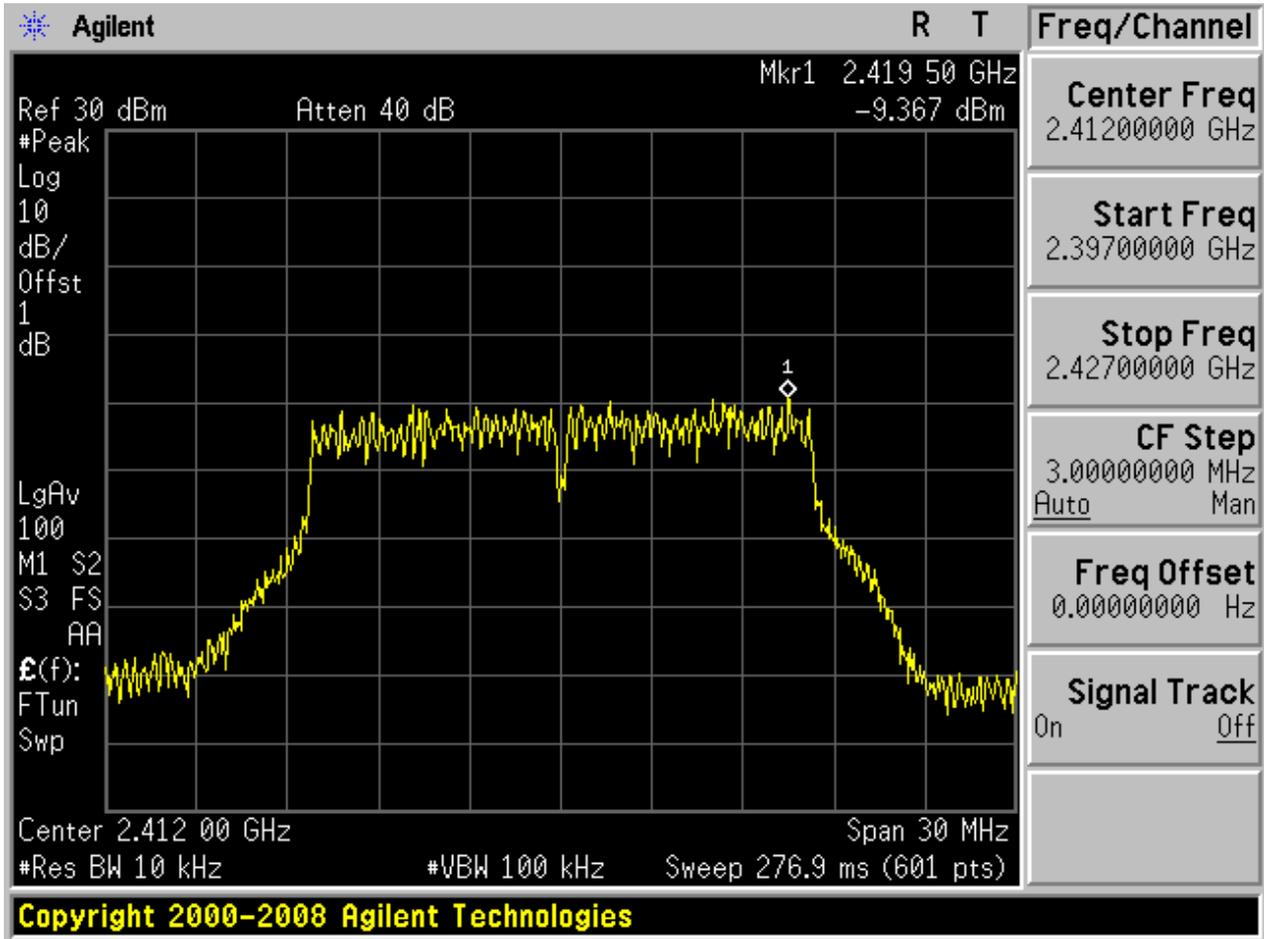


2.7 11G_L@Ant 1



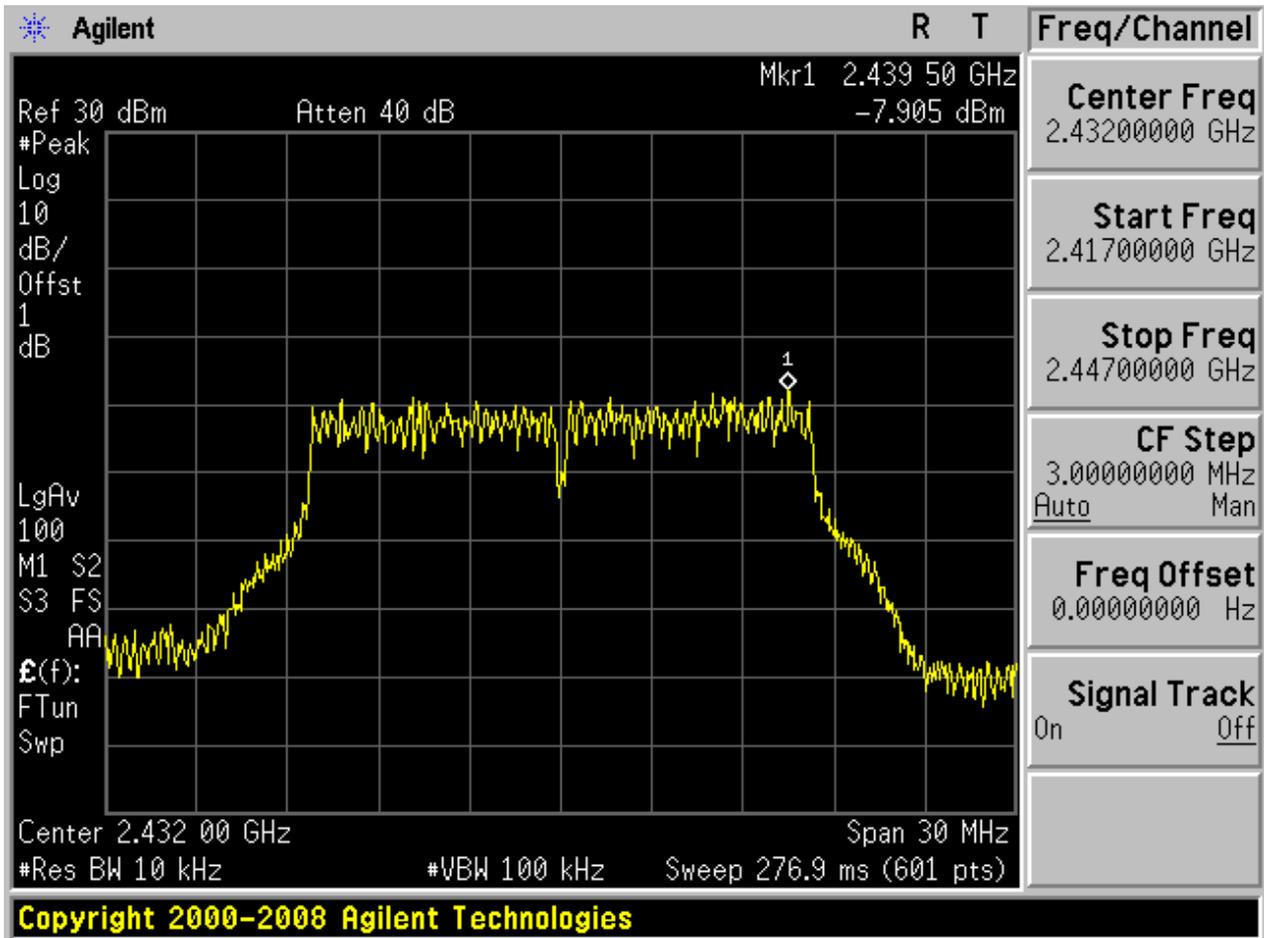


2.8 11G_L@Ant 2



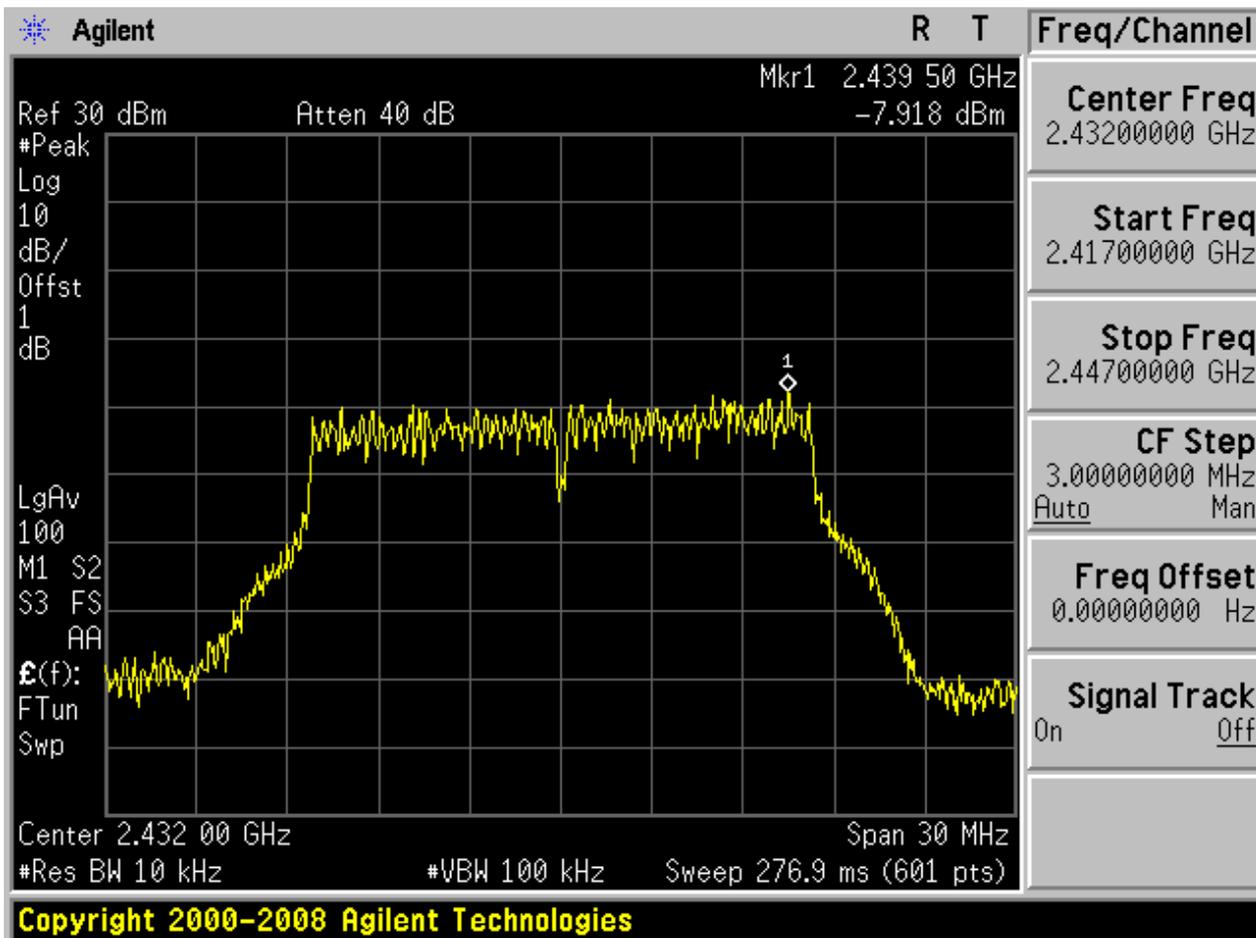


2.9 11G_M@Ant 1



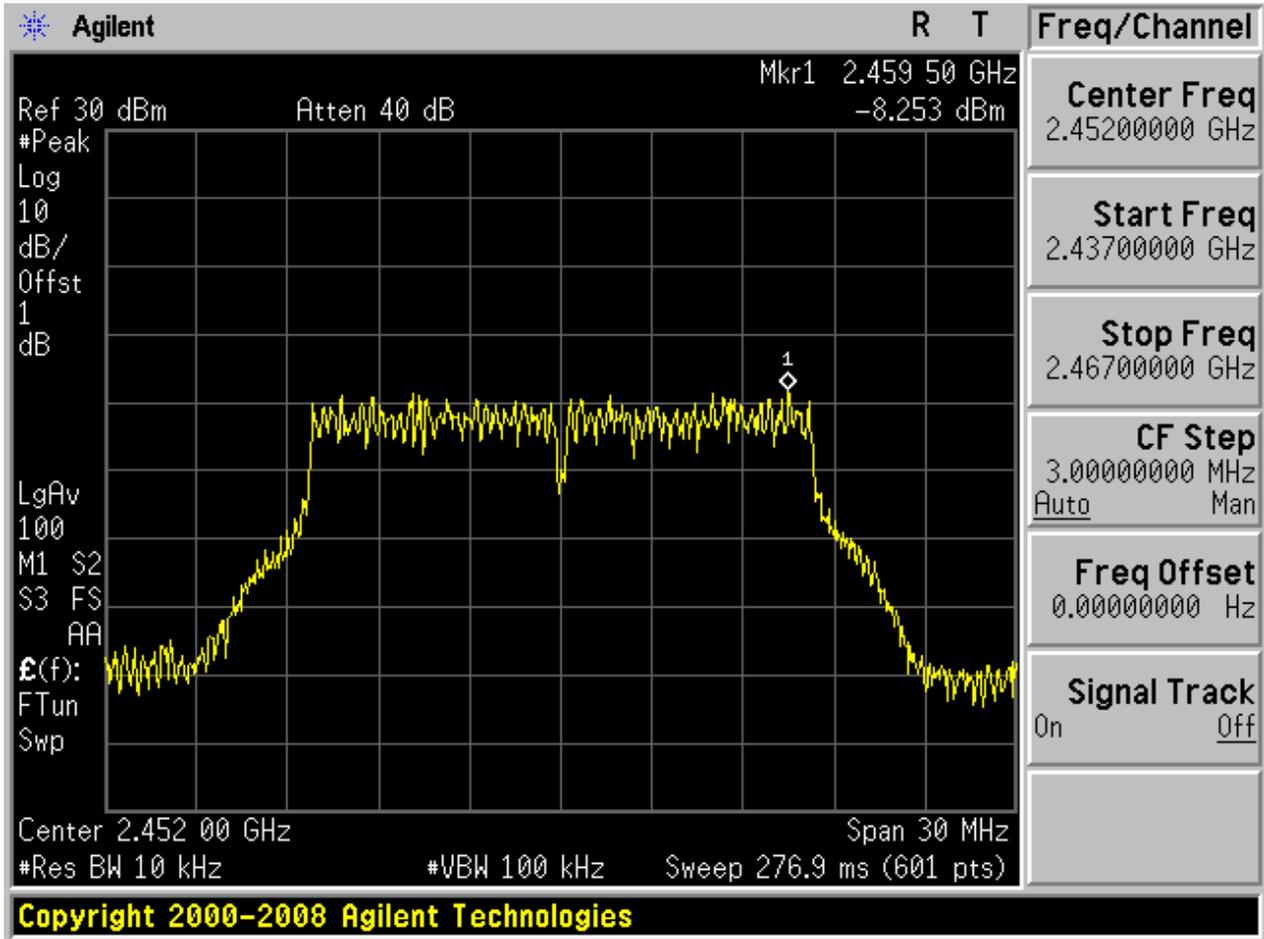


2.10 11G_M@Ant 2



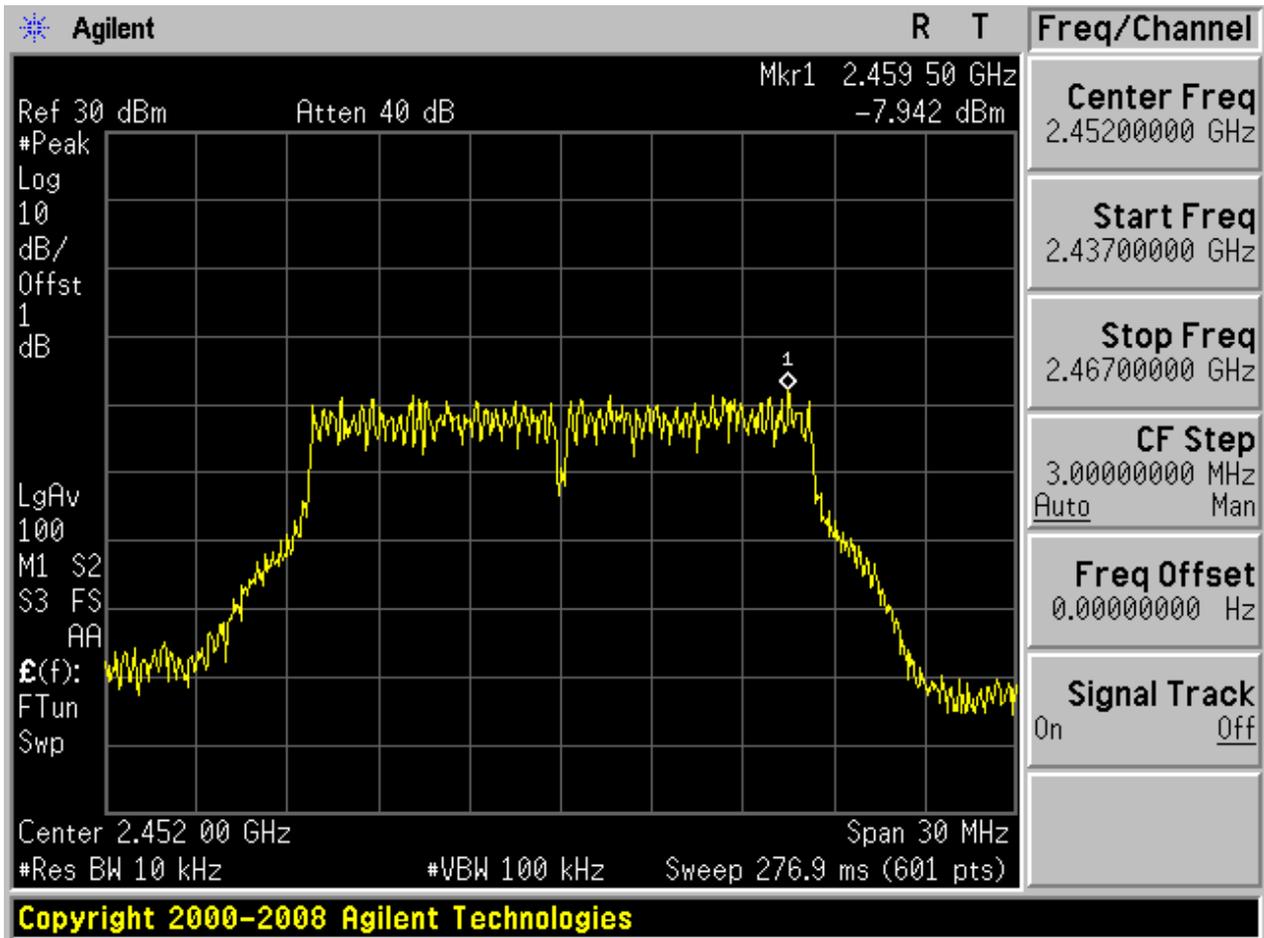


2.11 11G_H@Ant 1





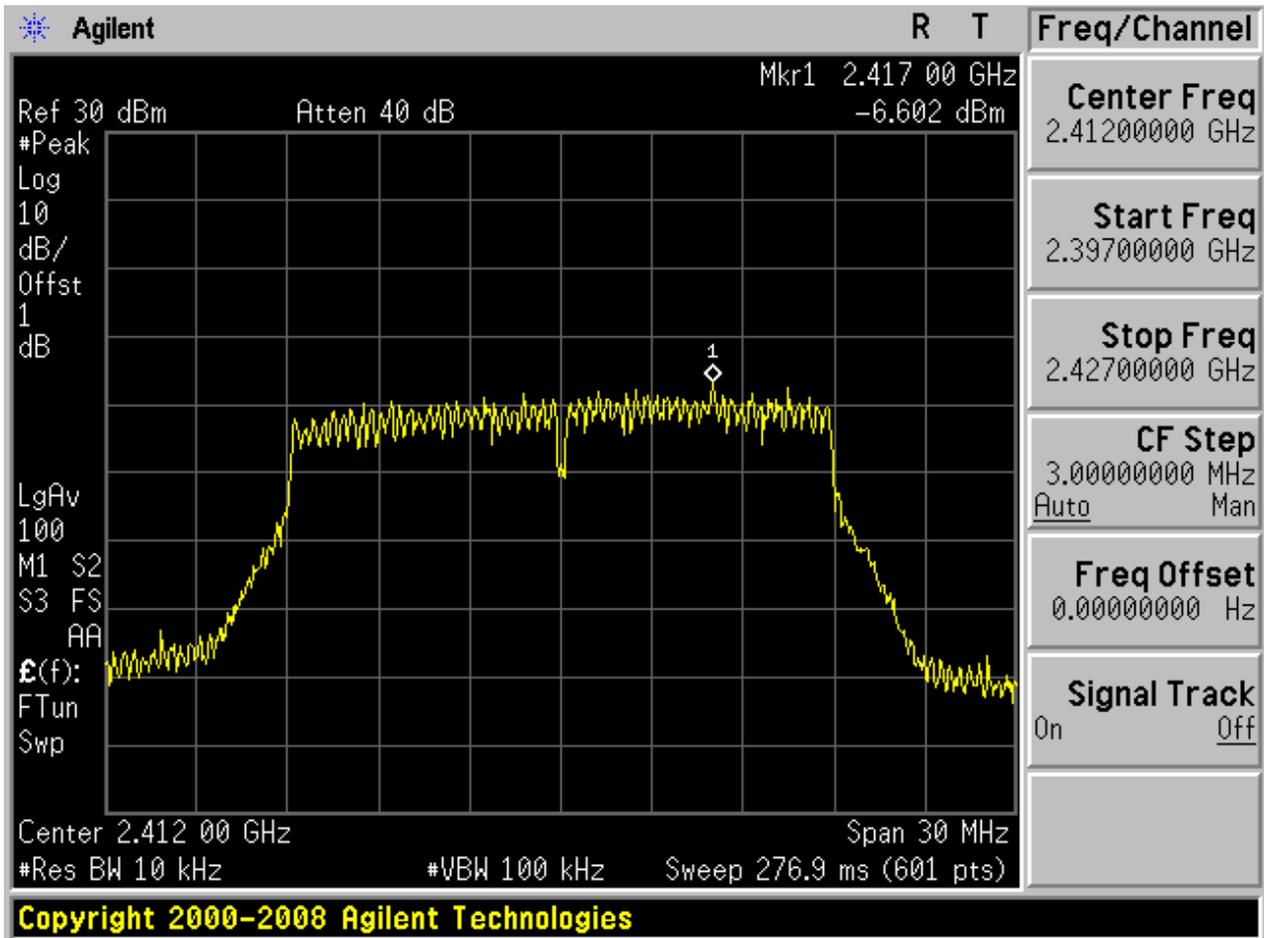
2.12 11G_H@Ant 2



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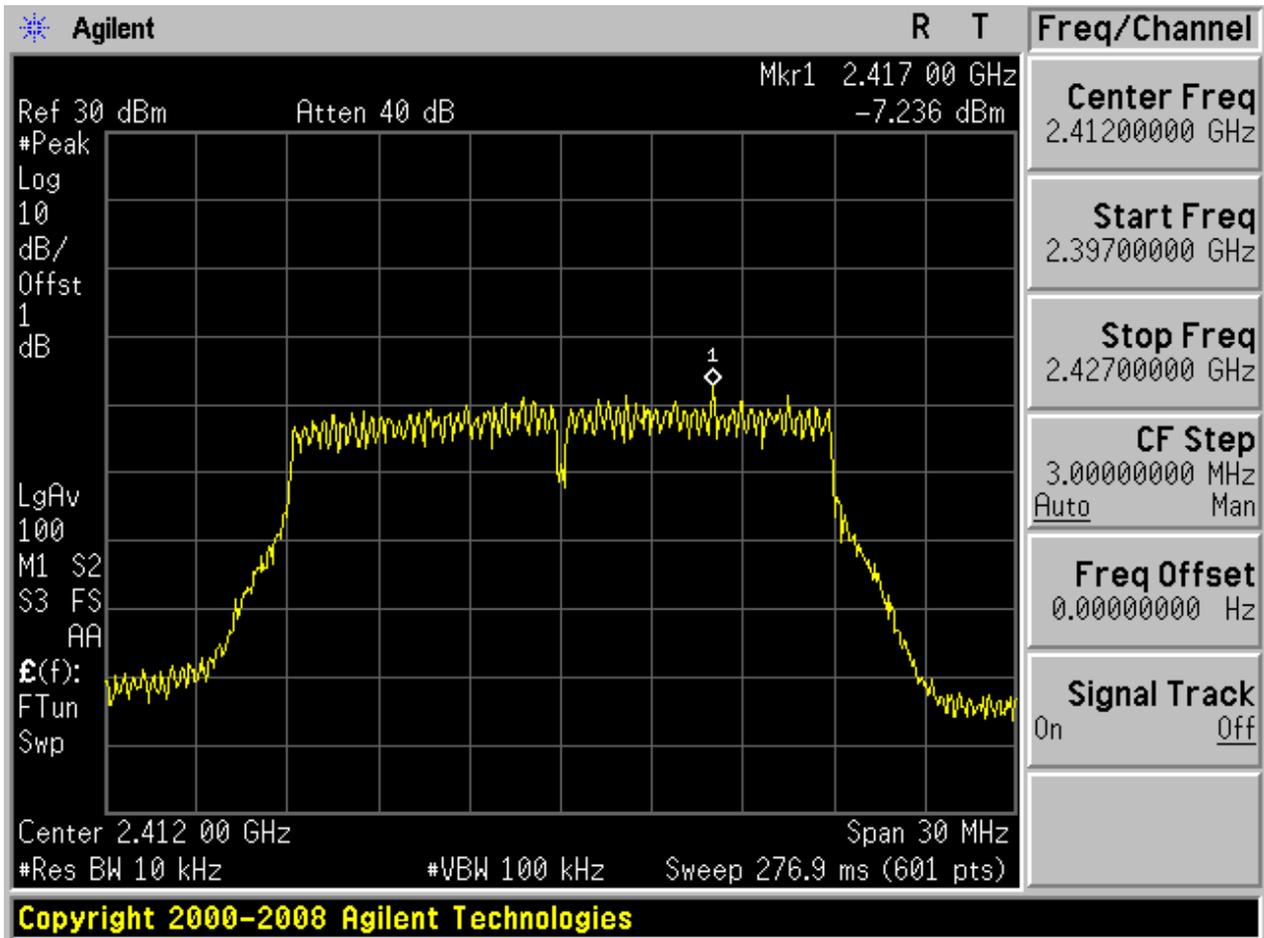


2.13 11N20_L@Ant 1



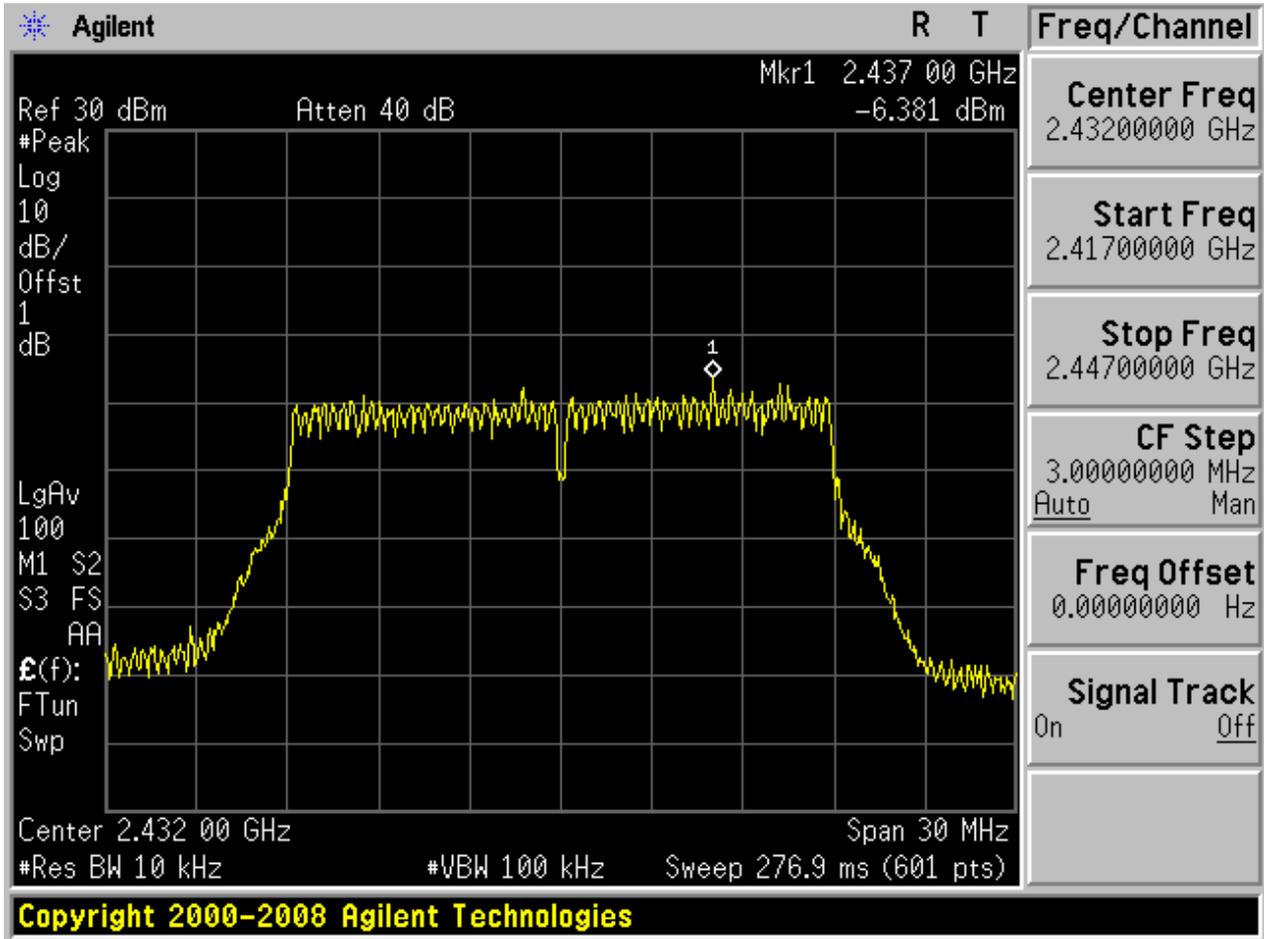


2.14 11N20_L@Ant 2



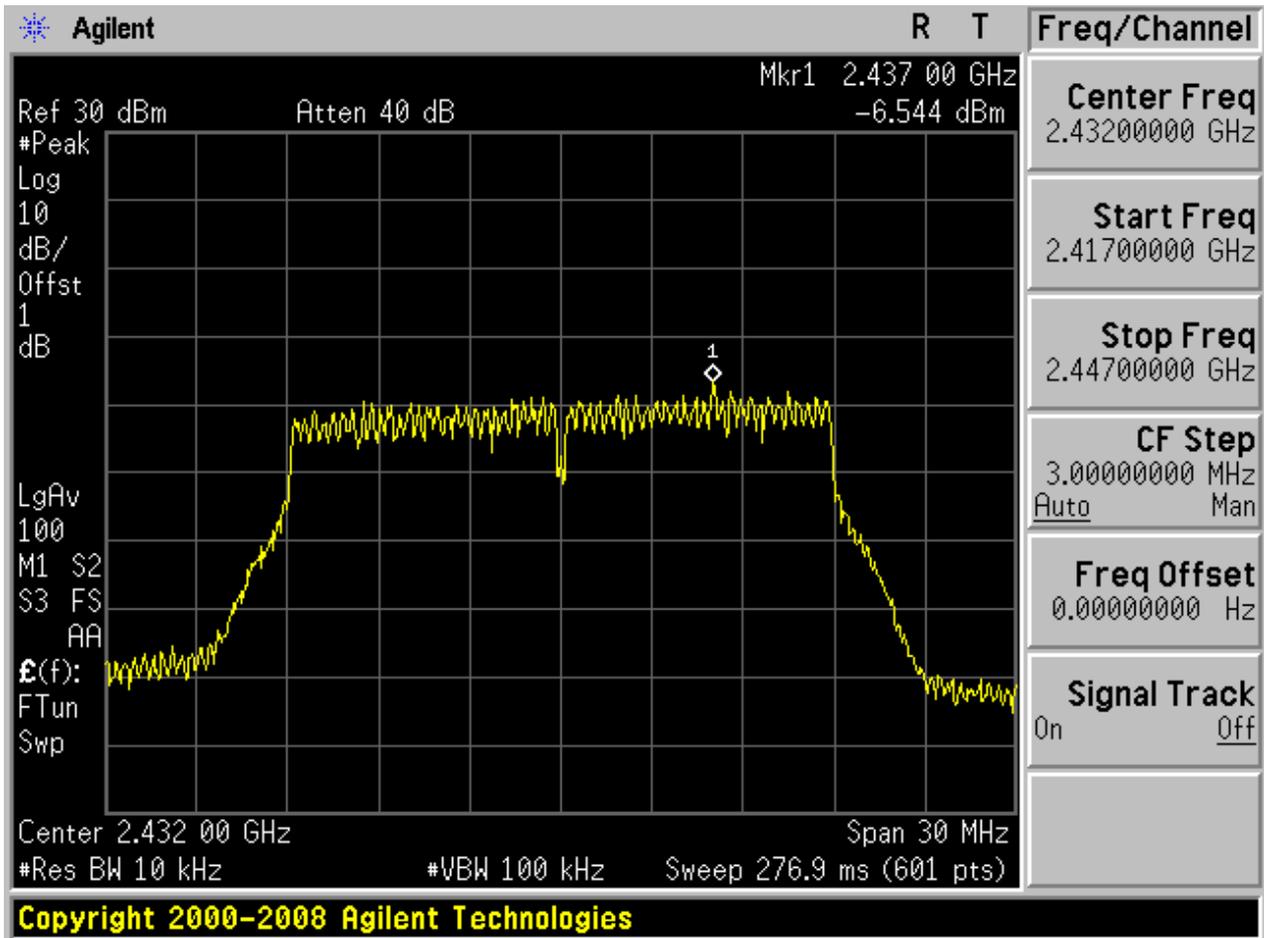


2.15 11N20_M@Ant 1



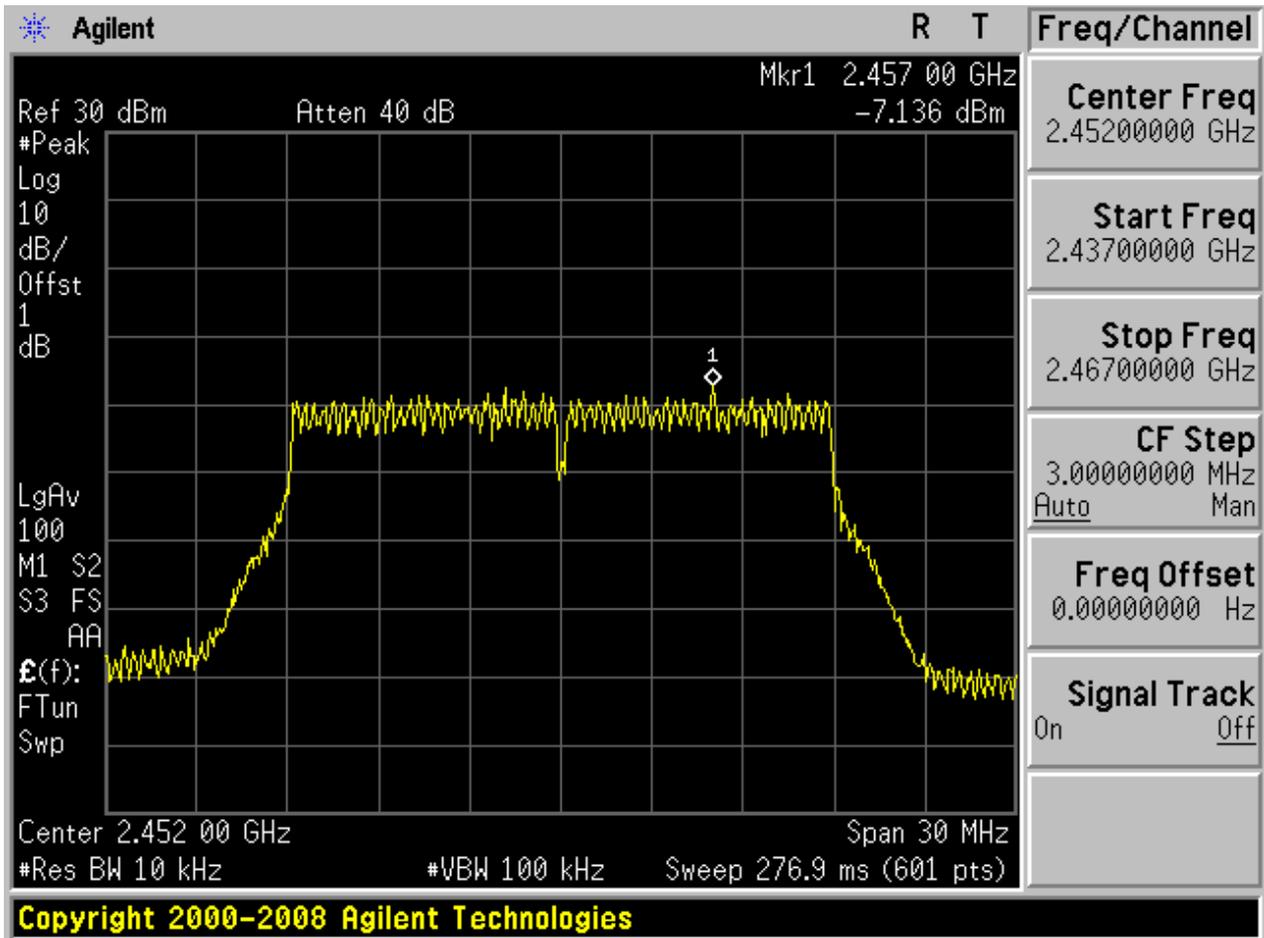


2.16 11N20_M@Ant 2



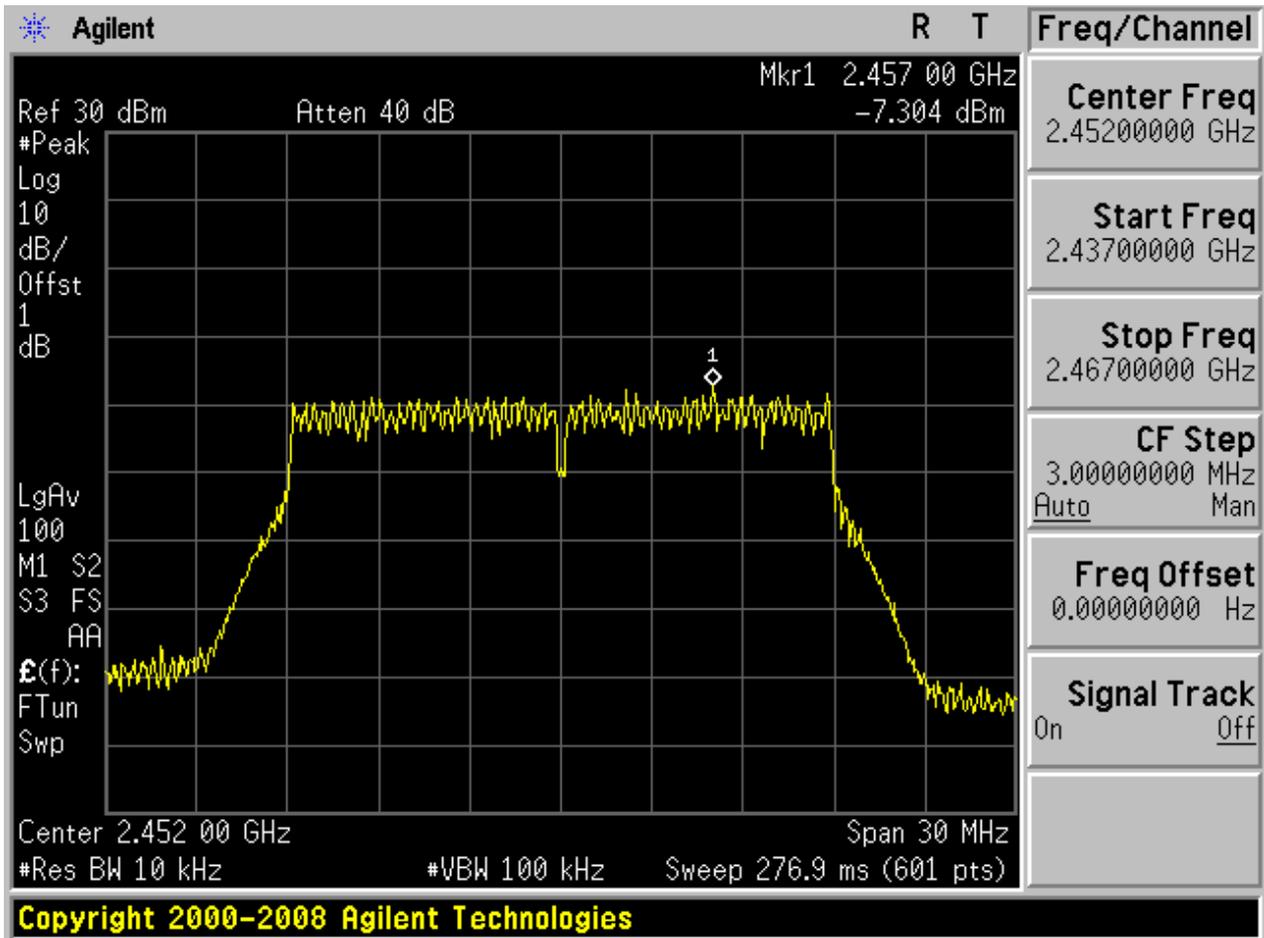


2.17 11N20_H@Ant 1



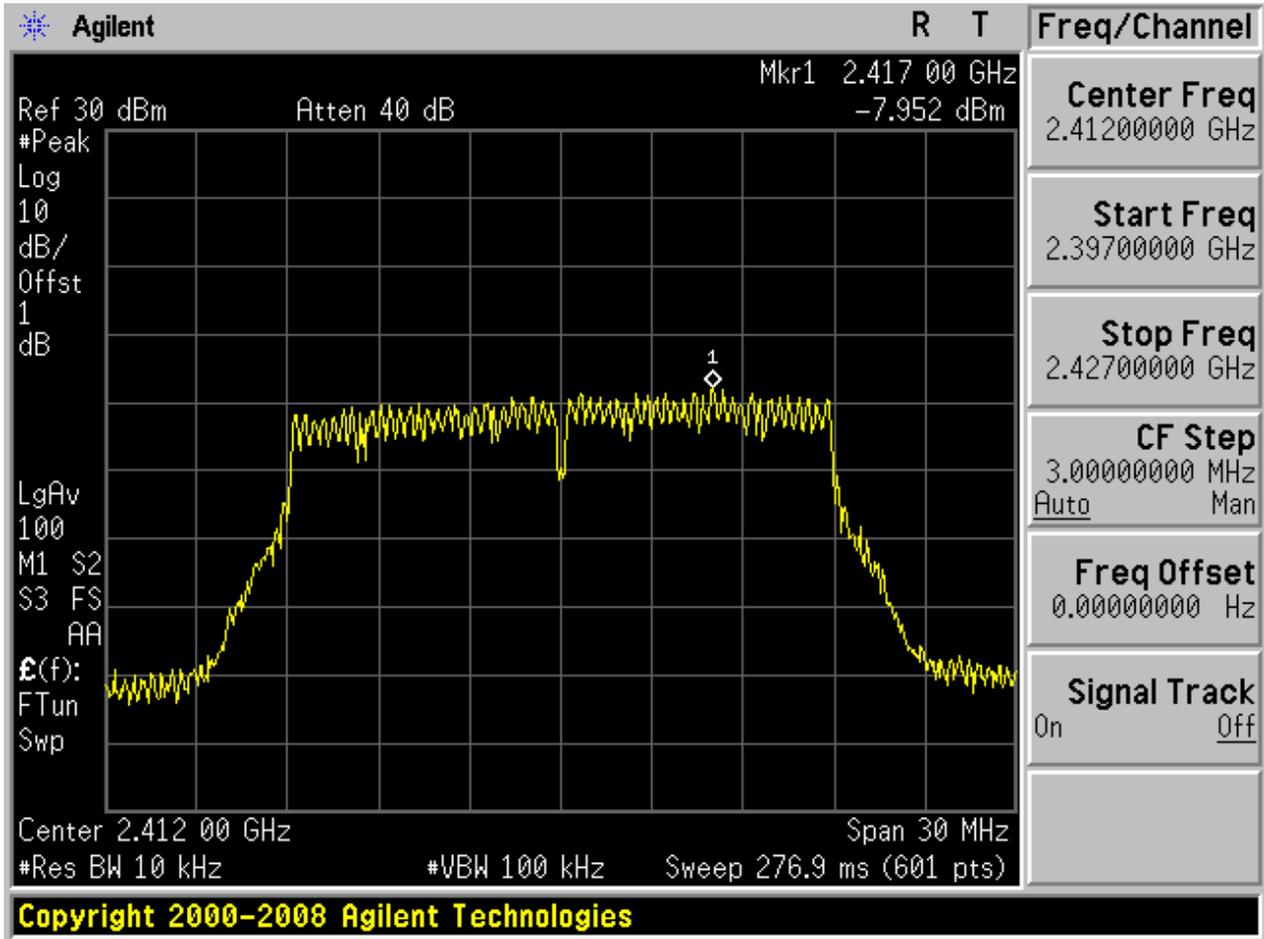


2.18 11N20_H@Ant 2



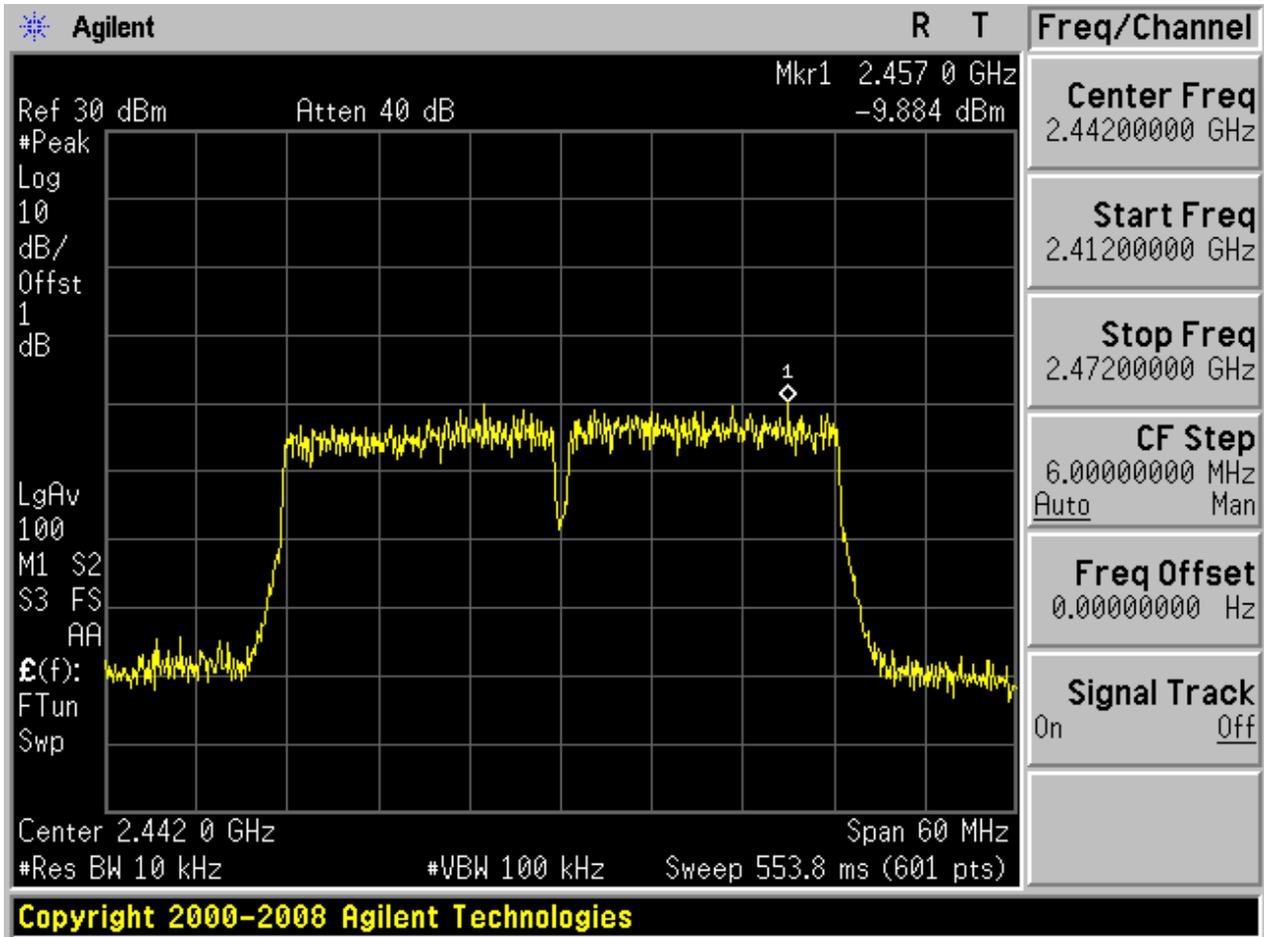


2.19 11N20m_L@Ant 1

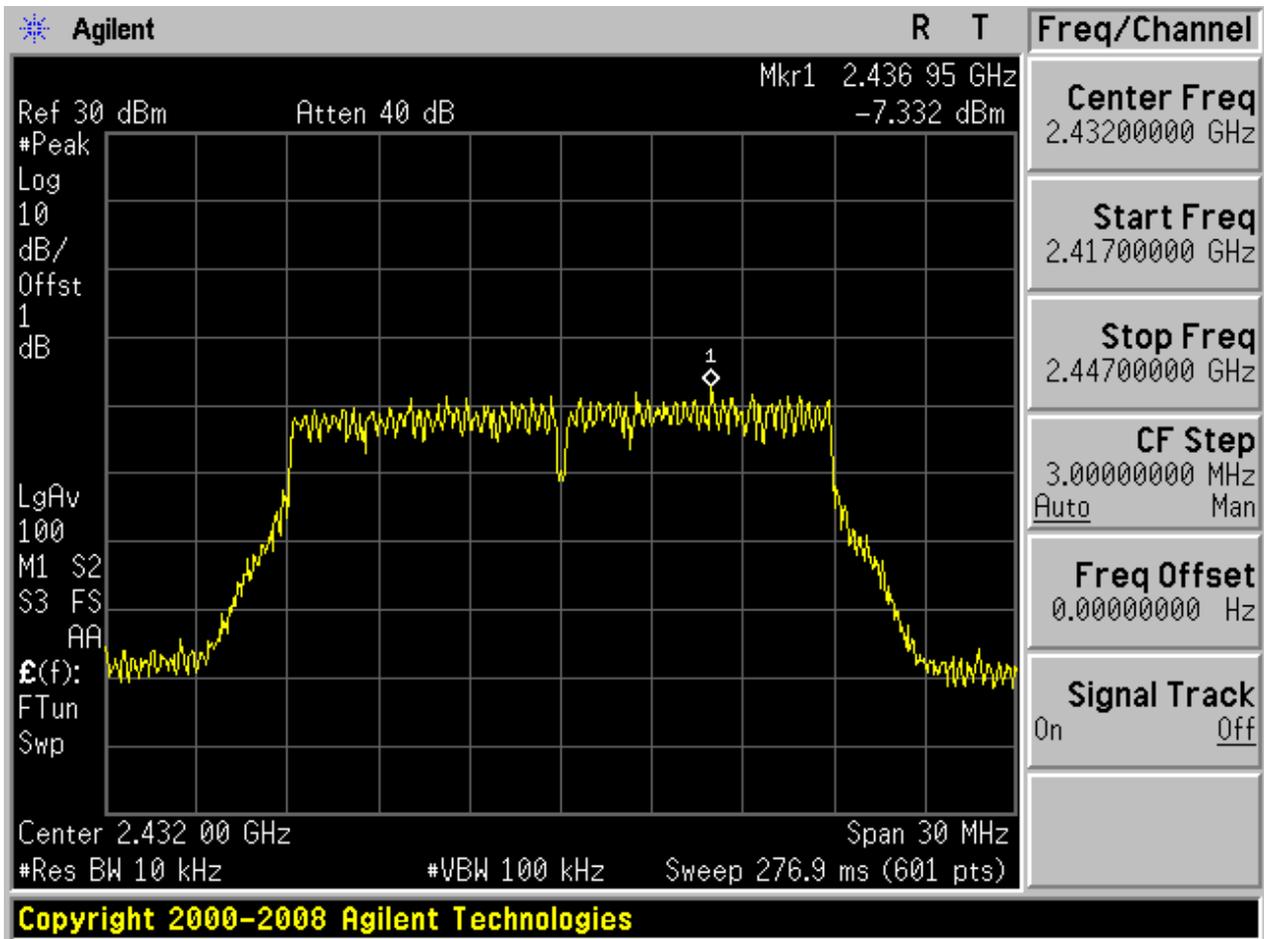




2.20 11N20m_L@Ant 2

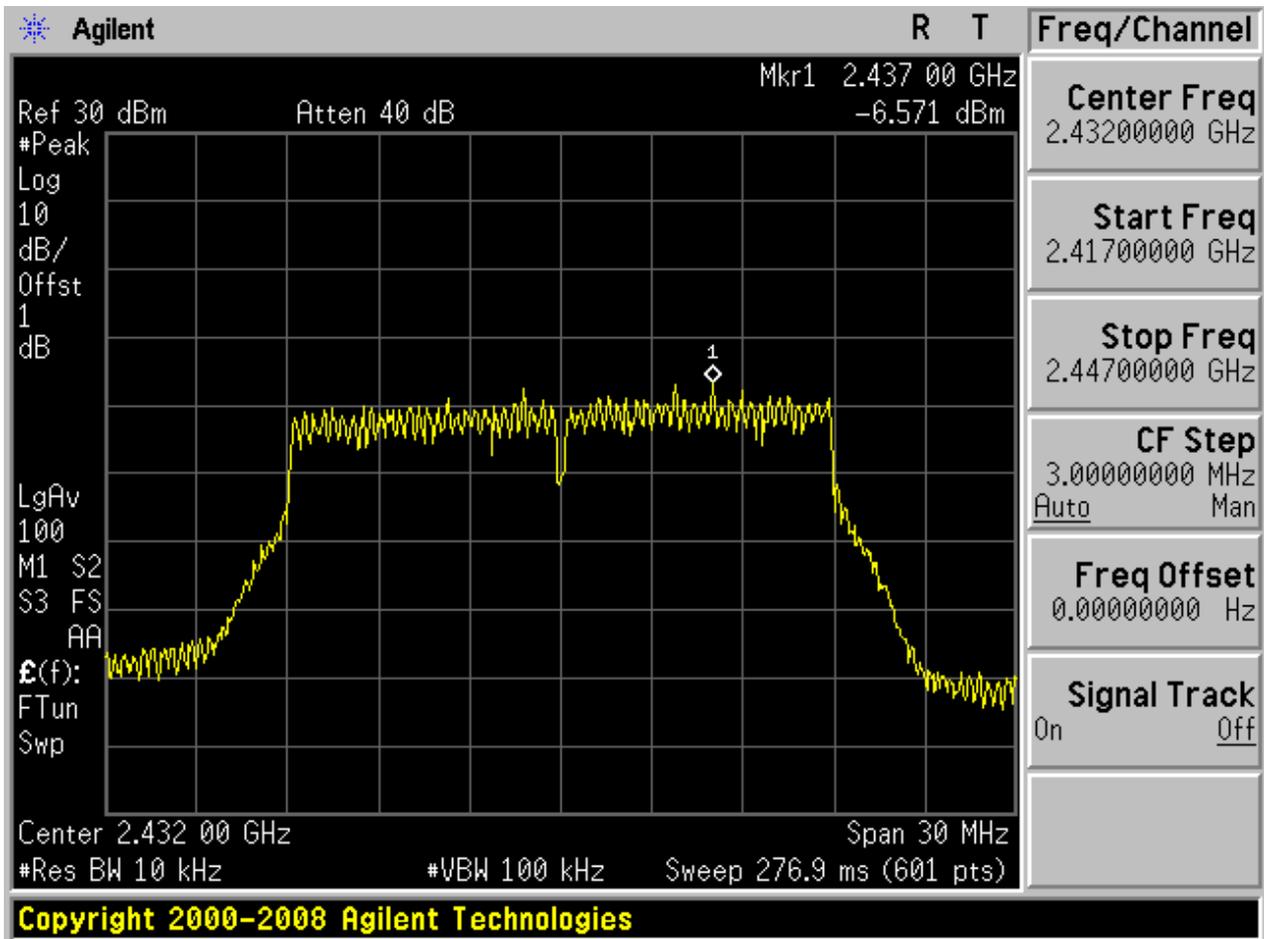


2.21 11N20m_M@Ant 1

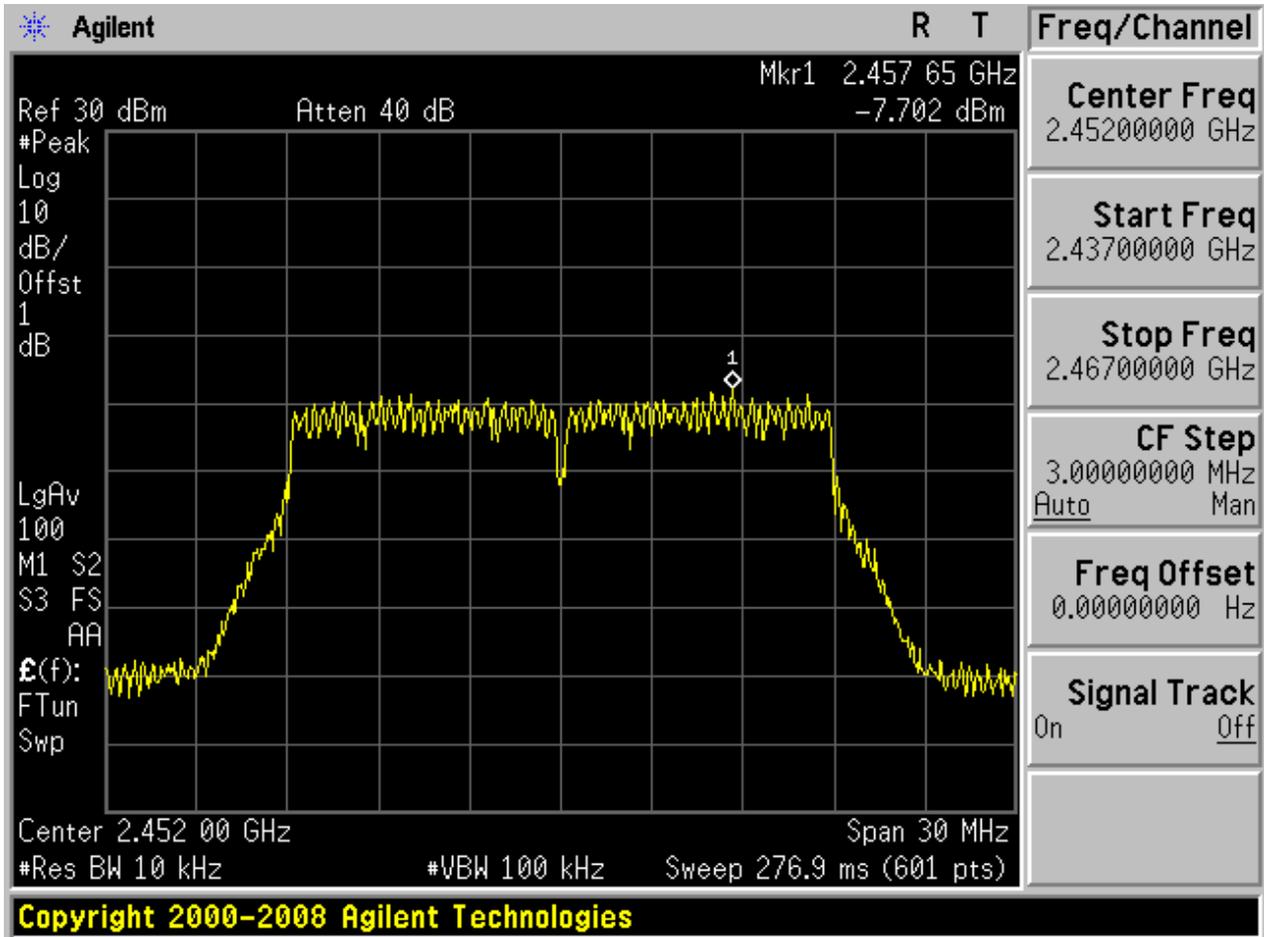




2.22 11N20m_M@Ant 2

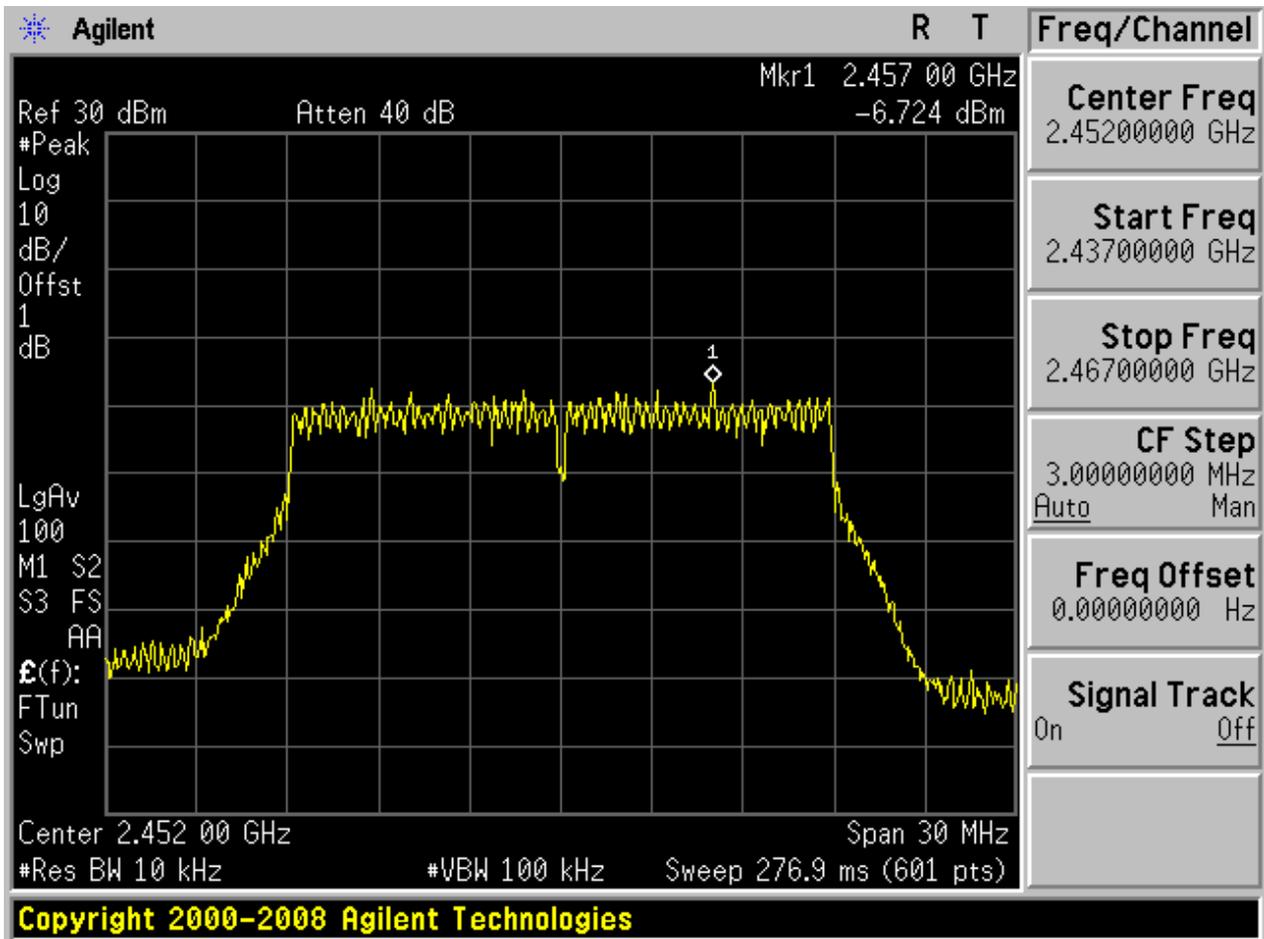


2.23 11N20m_H@Ant 1



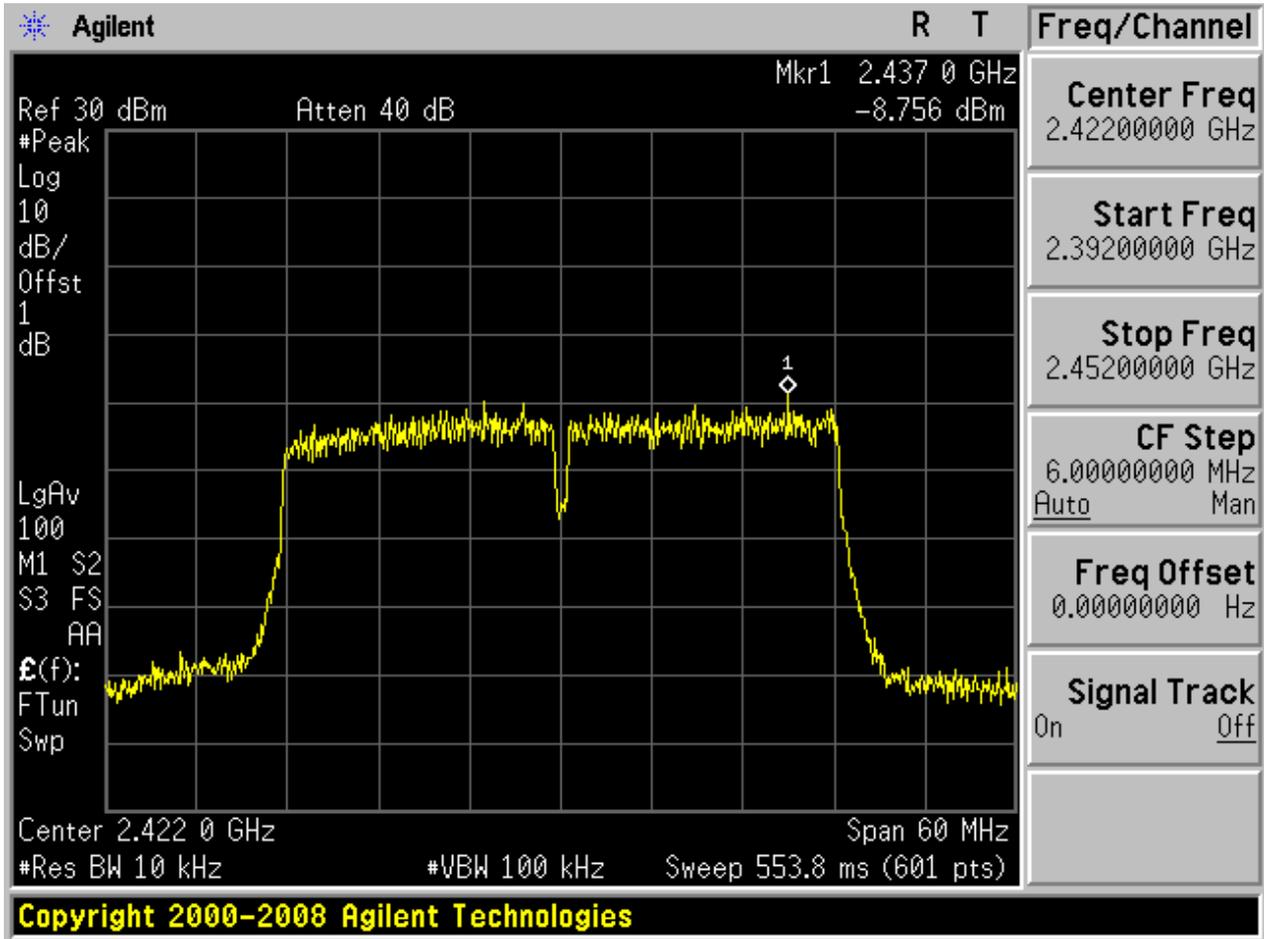


2.24 11N20m_H@Ant 2



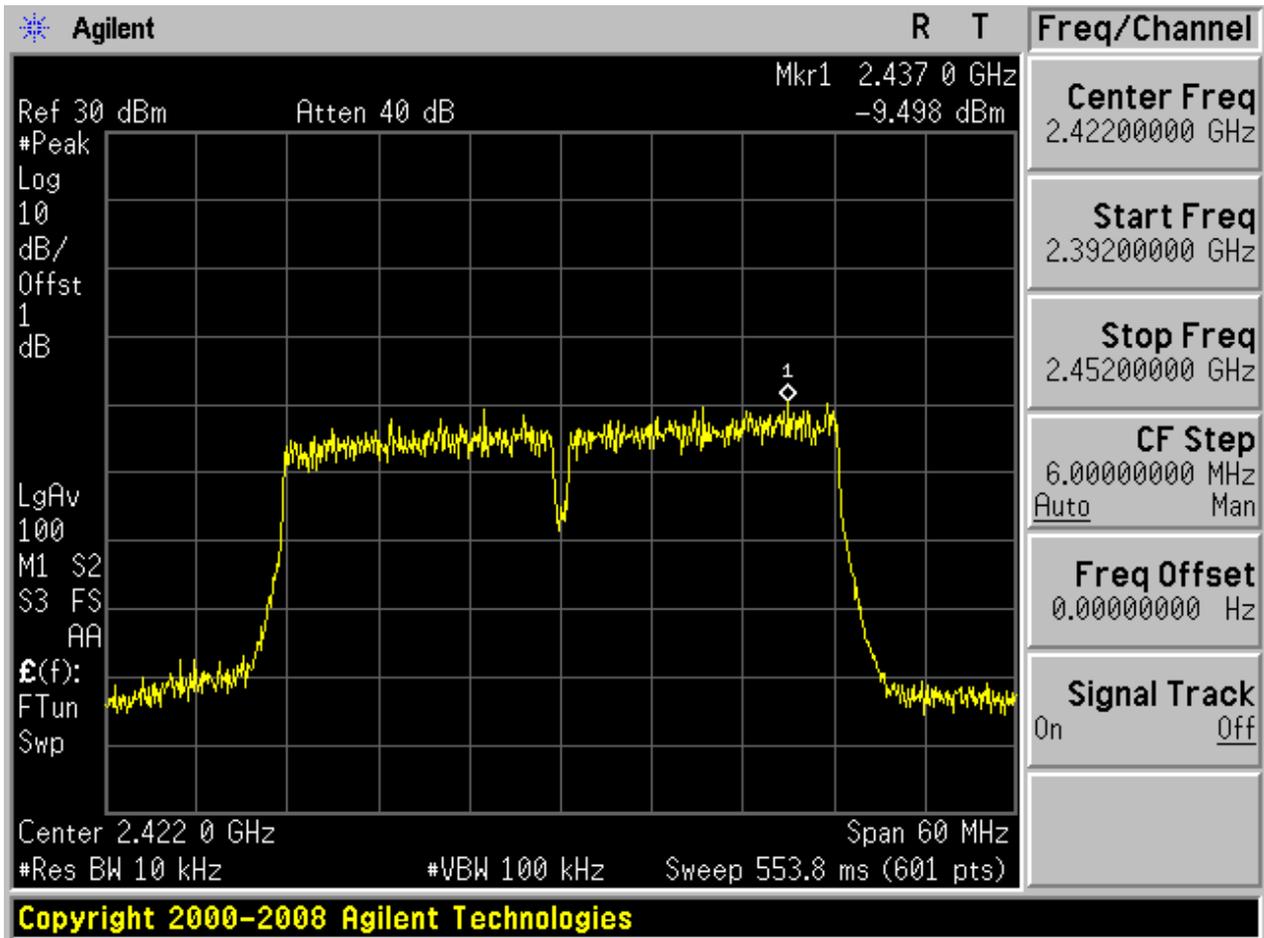


2.25 11N40_L@Ant 1



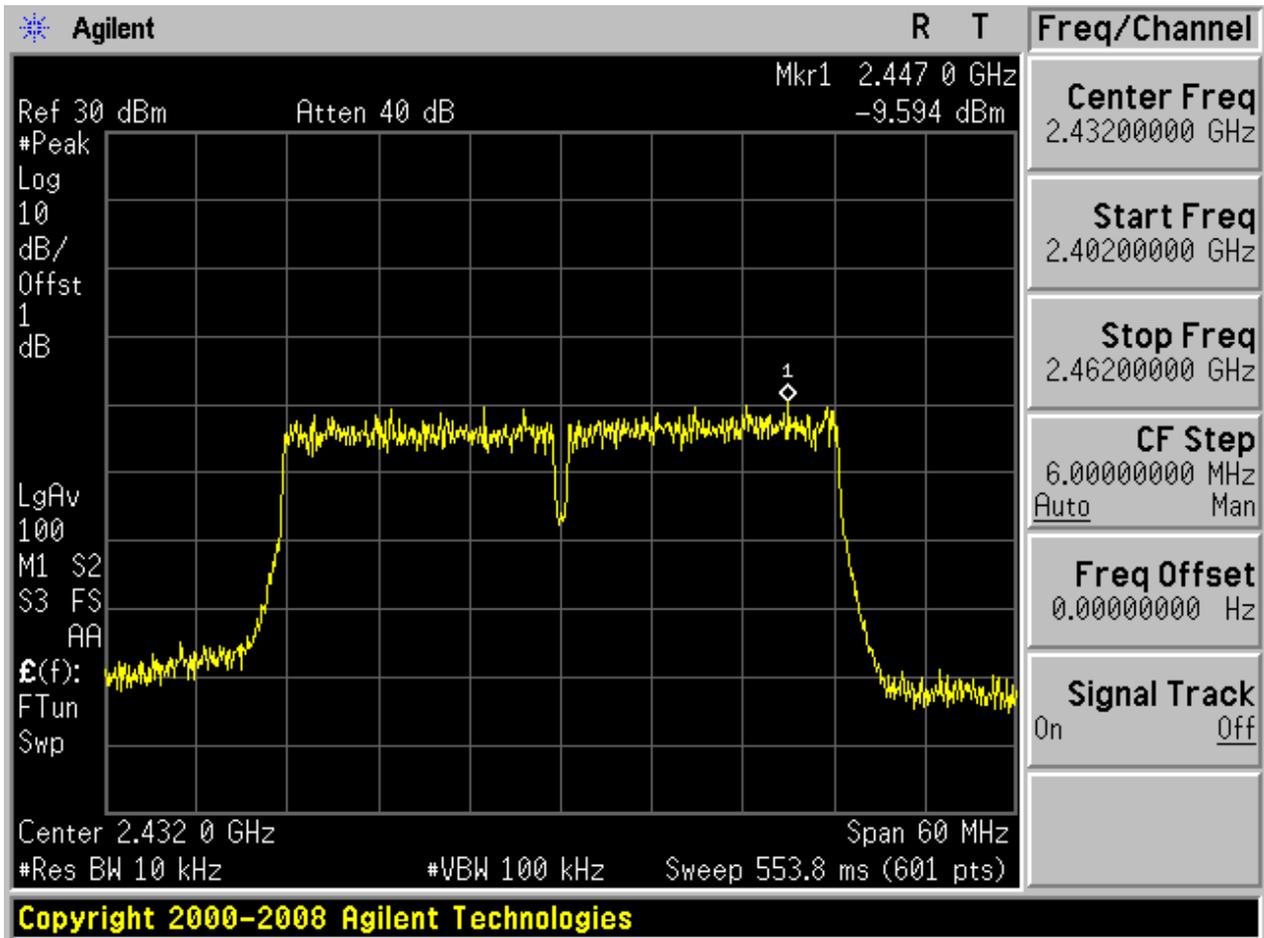


2.26 11N40_L@Ant 2



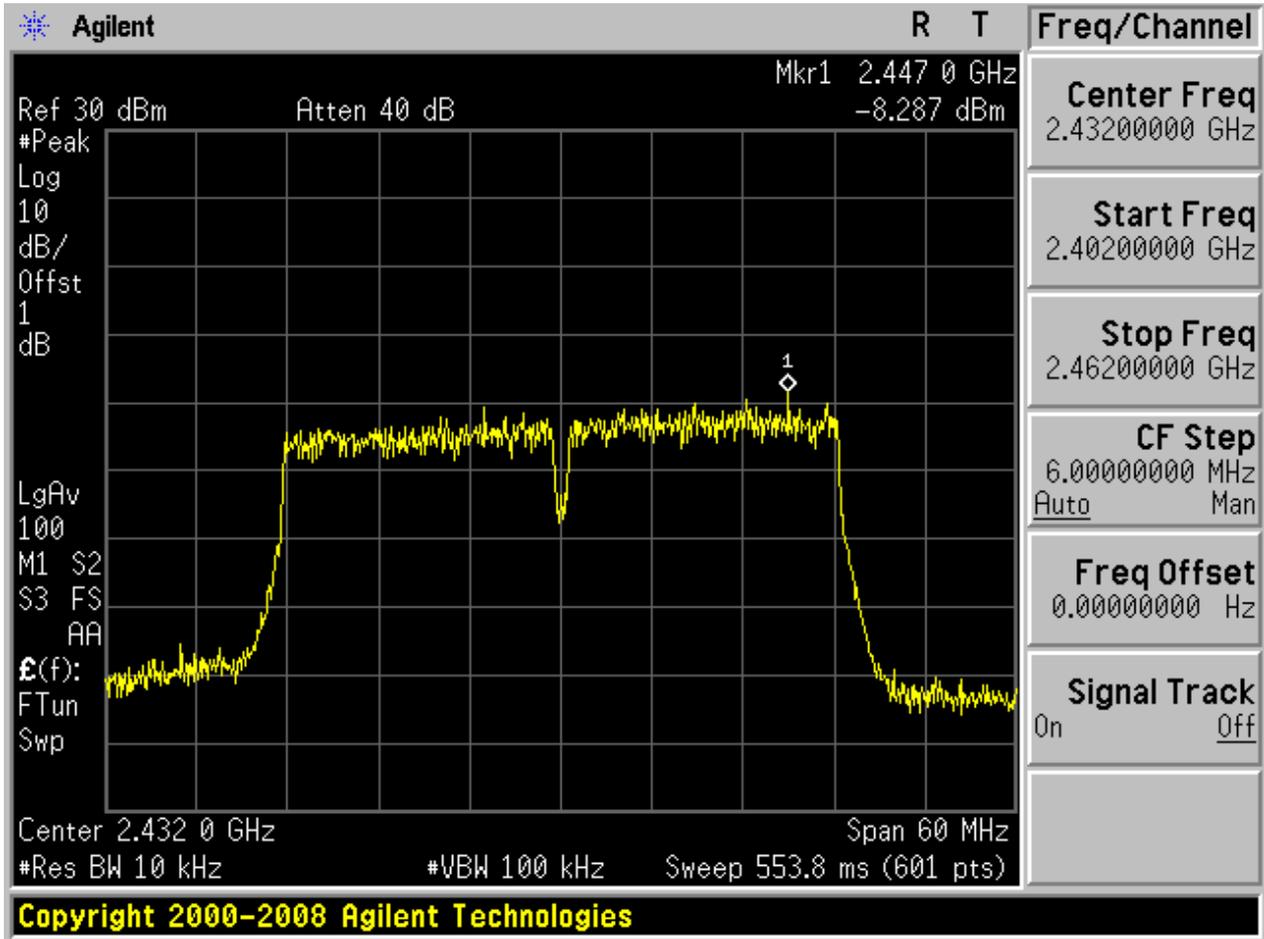


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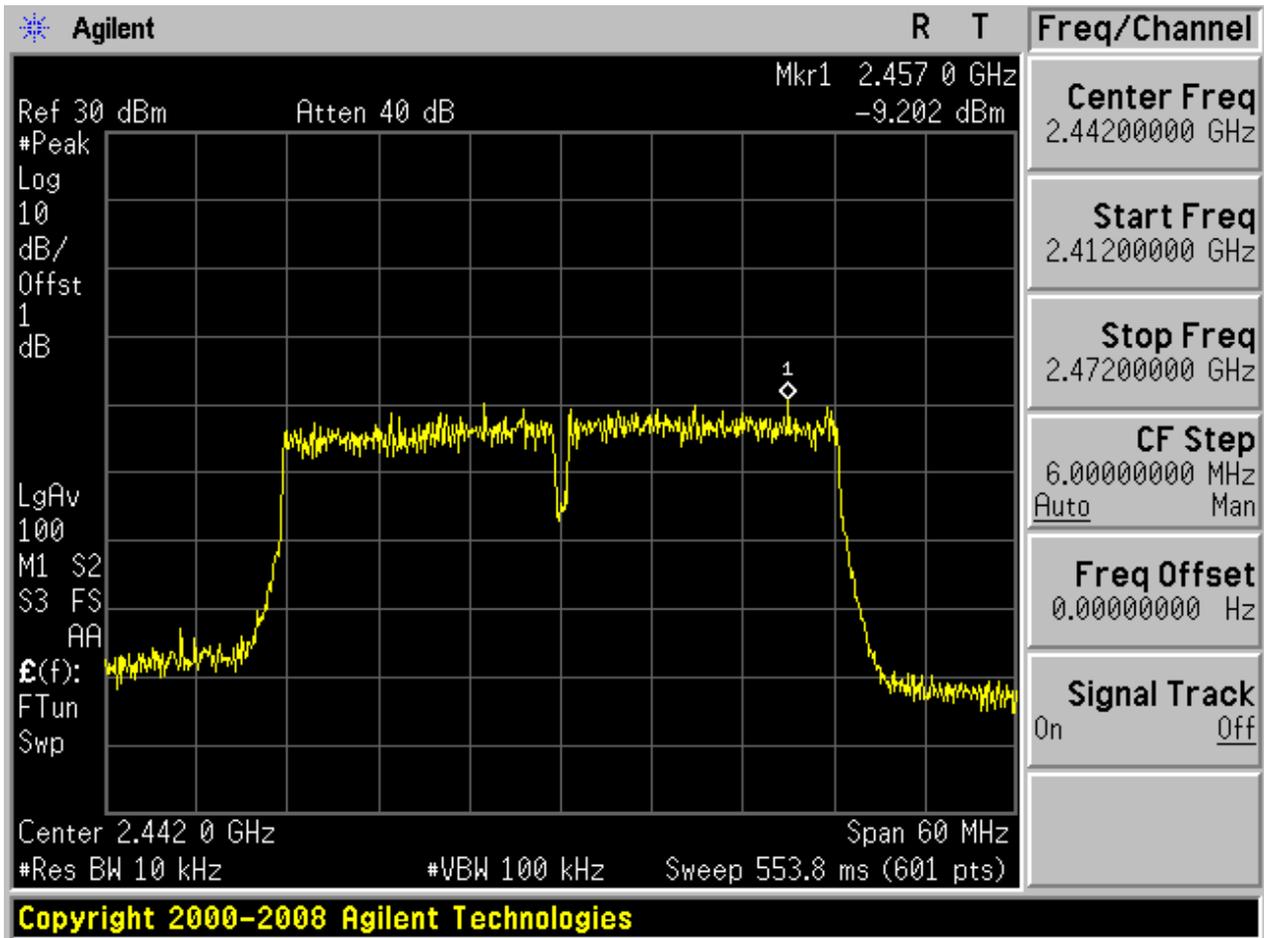




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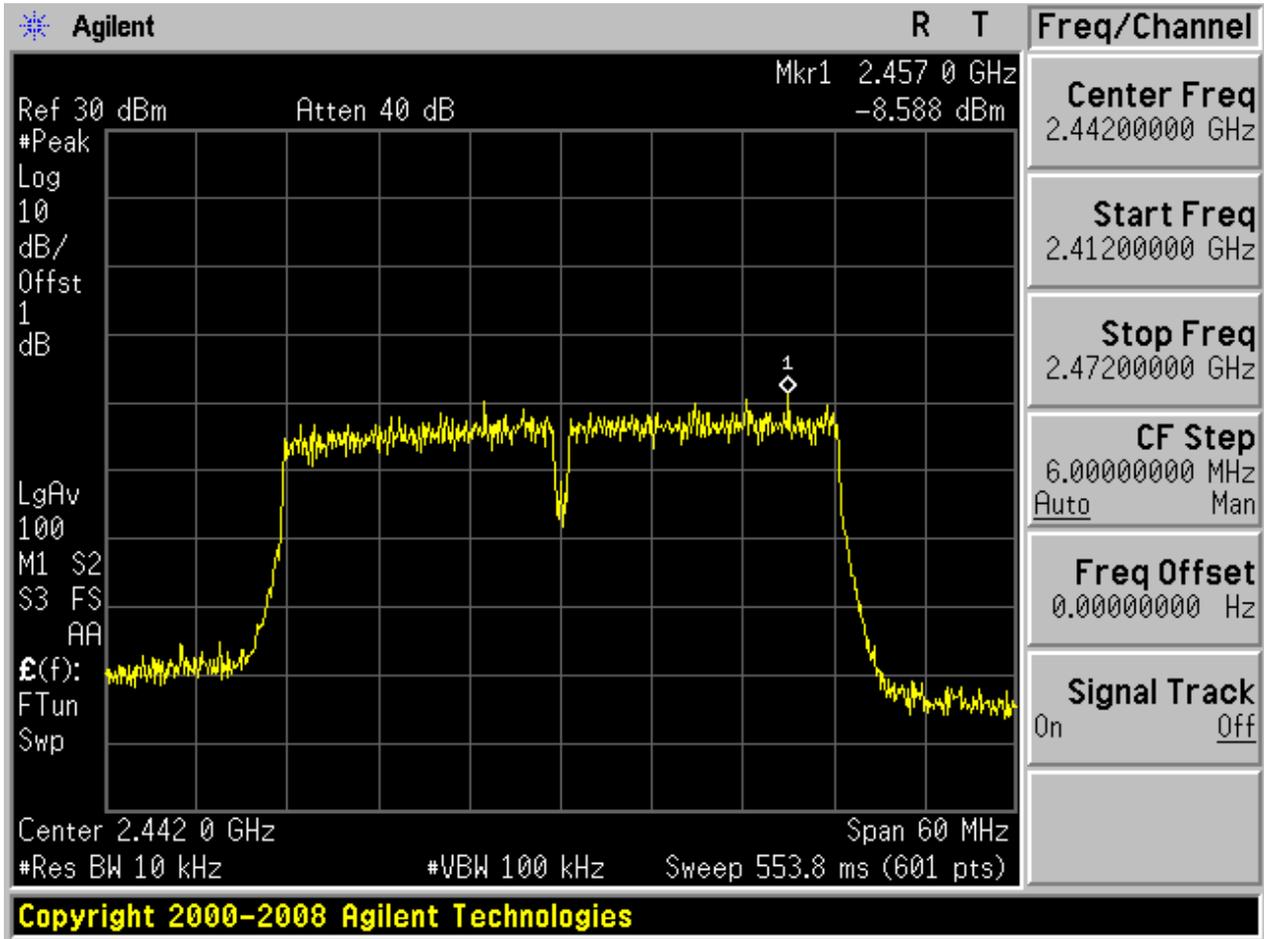


2.29 11N40_H@Ant 1



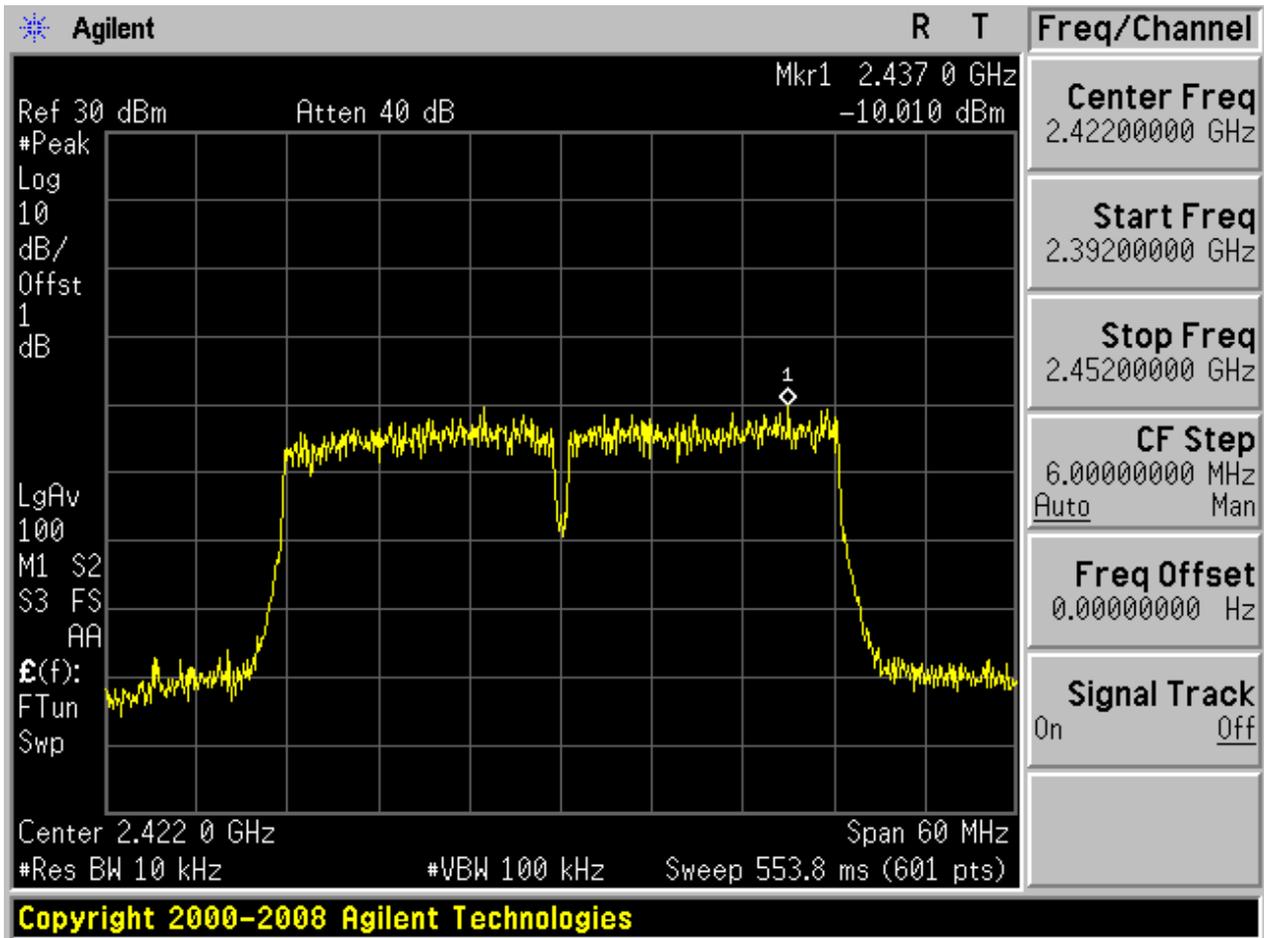


2.30 11N40_H@Ant 2



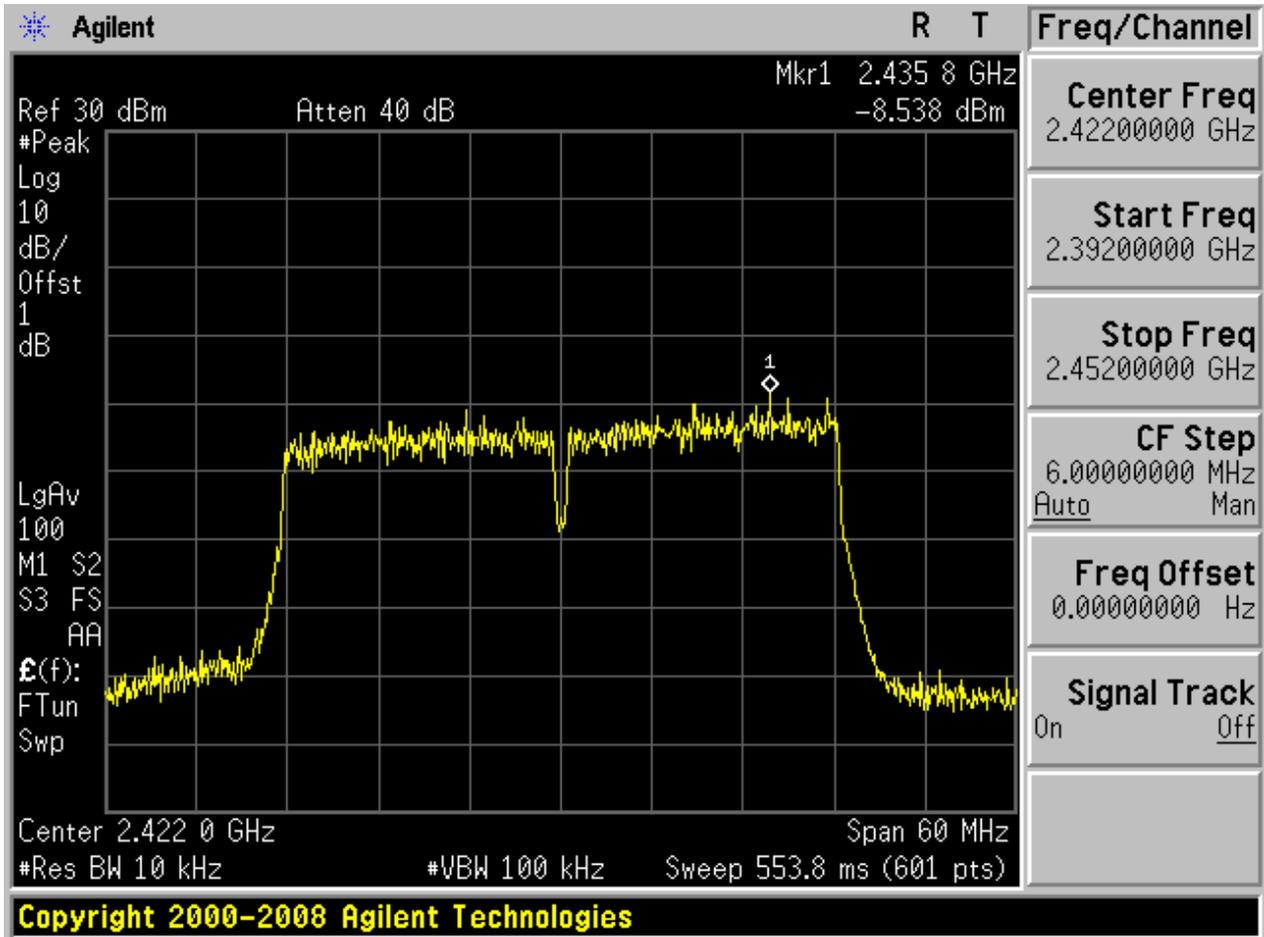


2.31 11N40m_L@Ant 1



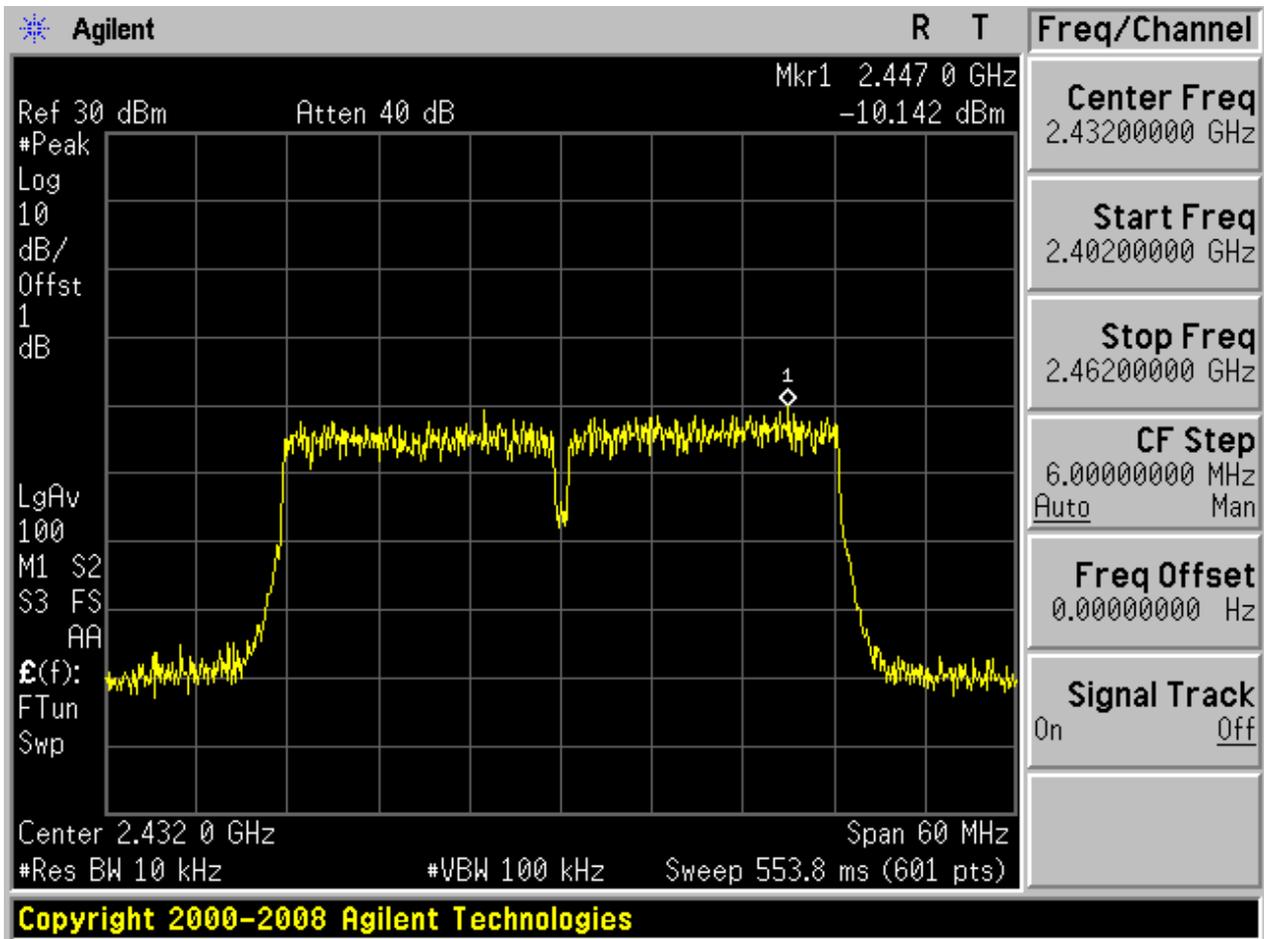


2.32 11N40m_L@Ant 2



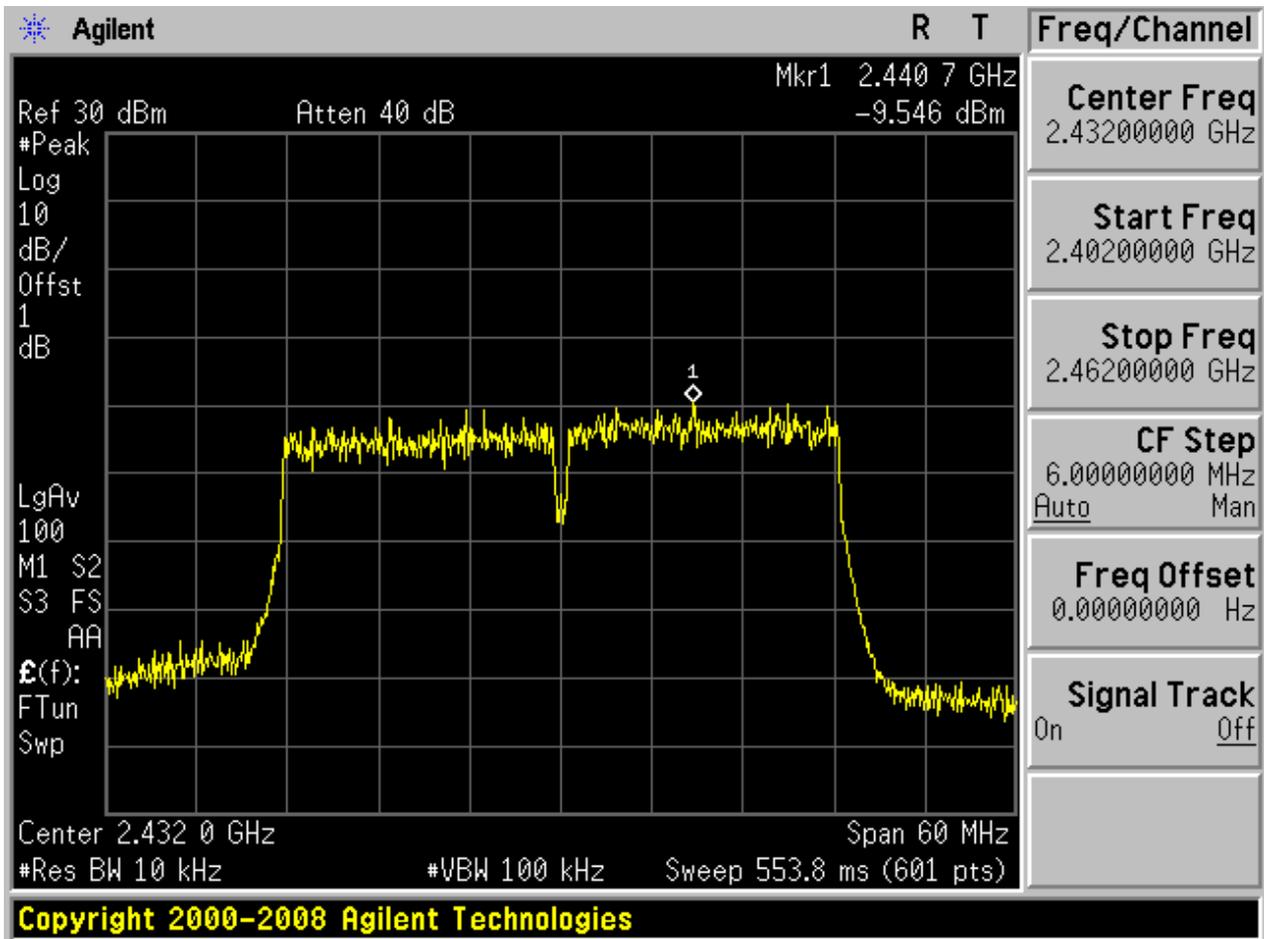


2.33 11N40m_M@Ant 1



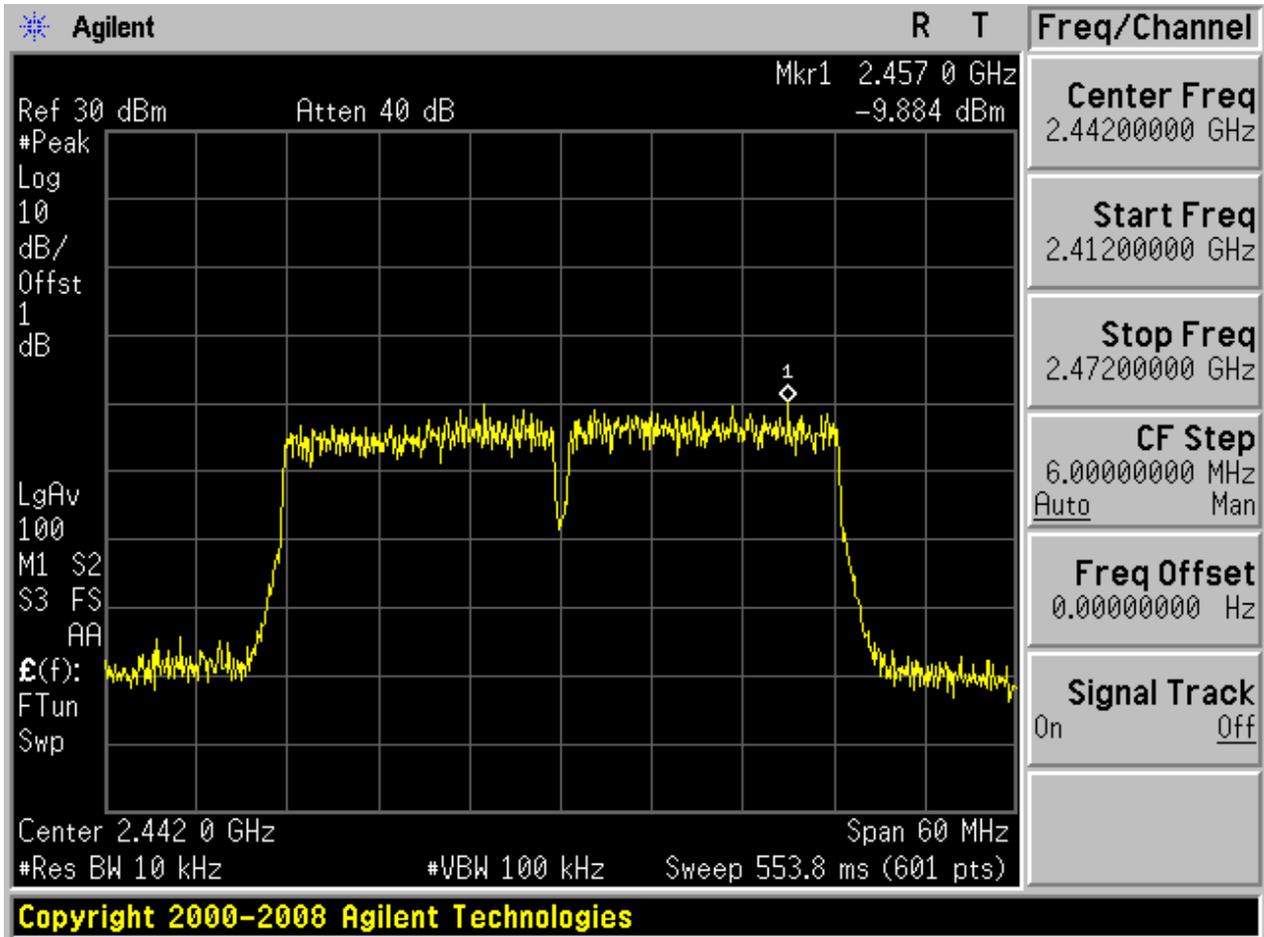


2.34 11N40m_M@Ant 2



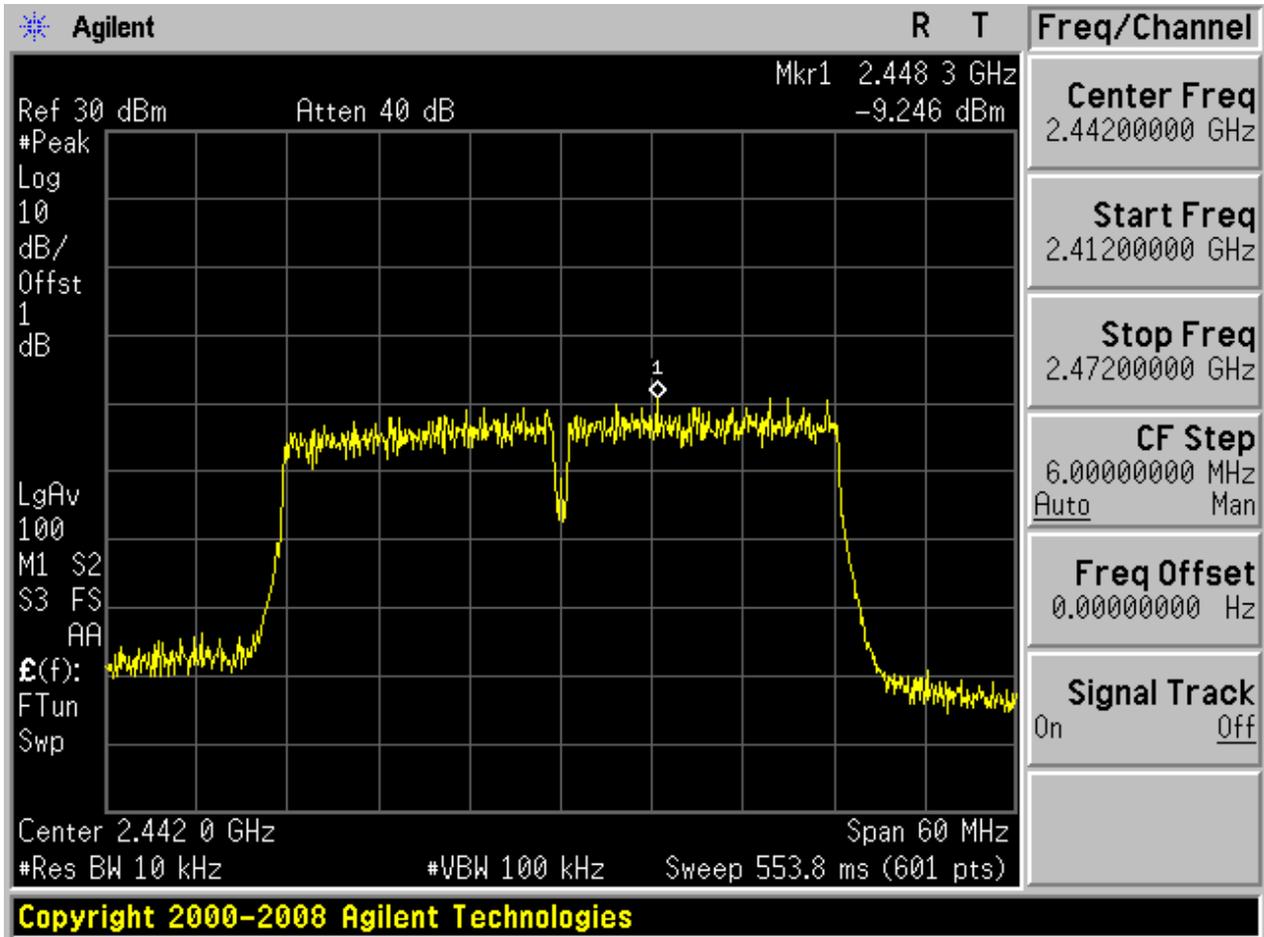


2.35 11N40m_H@Ant 1





2.36 11N40m_H@Ant 2





Appendix D: Band Edges Compliance

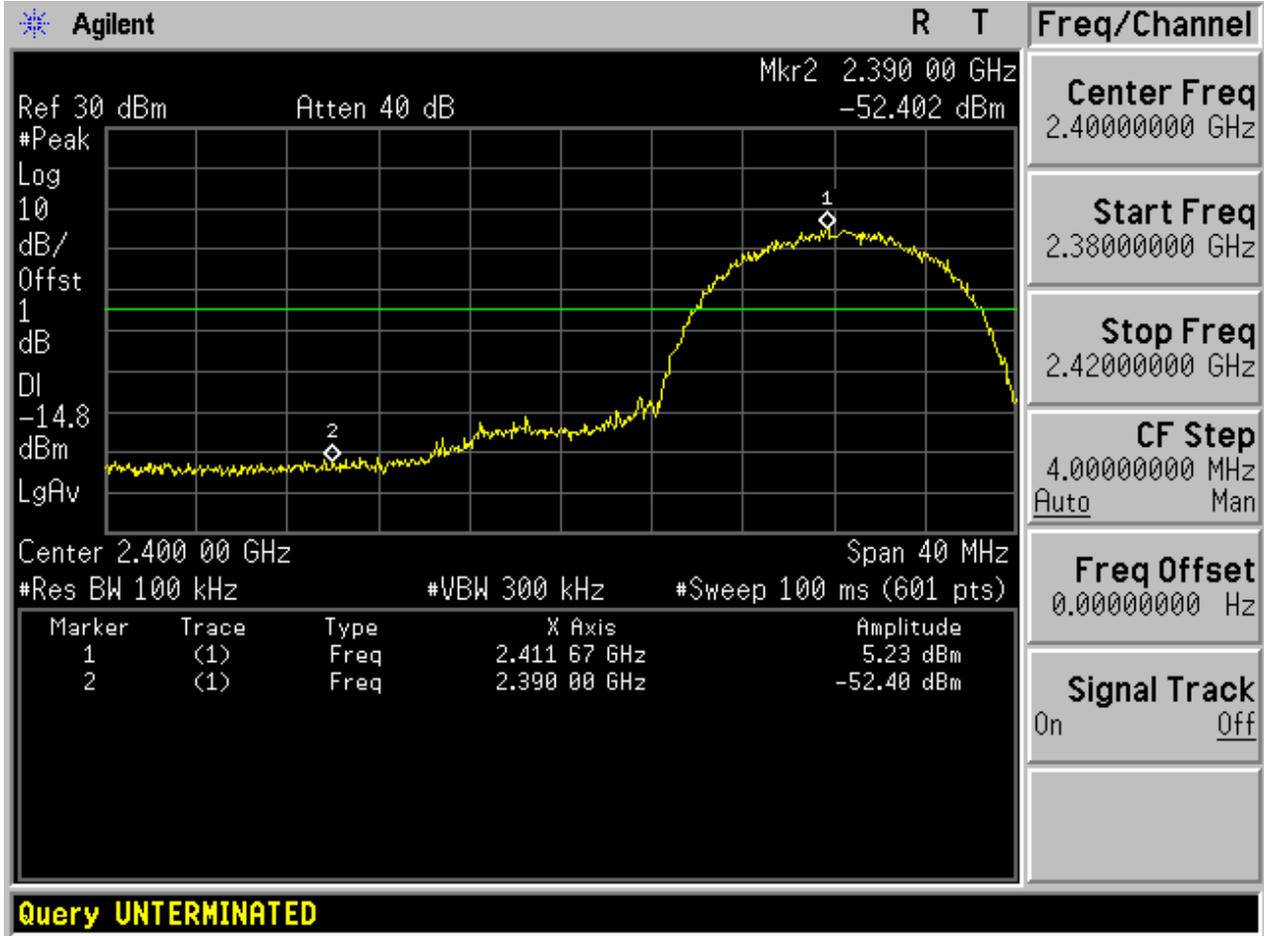
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	Carrier Power[dBm]	Max.Spurious Level[dBm]	Verdict
11B	L	2412	Ant 1	5.23	-52.40	pass
11B	L	2412	Ant 2	3.83	-53.04	pass
11B	H	2452	Ant 1	3.57	-54.40	pass
11B	H	2452	Ant 2	3.99	-53.34	pass
11G	L	2412	Ant 1	1.90	-50.09	pass
11G	L	2412	Ant 2	0.32	-51.71	pass
11G	H	2452	Ant 1	1.16	-50.32	pass
11G	H	2452	Ant 2	1.51	-52.01	pass
11N20	L	2412	Ant 1	1.01	-47.79	pass
11N20	L	2412	Ant 2	-0.51	-51.97	pass
11N20	H	2452	Ant 1	0.03	-49.93	pass
11N20	H	2452	Ant 2	0.48	-51.79	pass
11N20m	L	2412	Ant 1	0.75	-50.37	pass
11N20m	L	2412	Ant 2	-0.16	-50.19	pass
11N20m	H	2452	Ant 1	0.28	-52.56	pass
11N20m	H	2452	Ant 2	0.76	-50.38	pass
11N40	L	2422	Ant 1	-2.02	-45.50	pass
11N40	L	2422	Ant 2	-3.42	-48.22	pass
11N40	H	2442	Ant 1	-1.80	-49.15	pass
11N40	H	2442	Ant 2	-1.75	-48.60	pass
11N40m	L	2422	Ant 1	-2.00	-47.74	pass
11N40m	L	2422	Ant 2	-3.26	-49.18	pass
11N40m	H	2442	Ant 1	-1.73	-47.30	pass
11N40m	H	2442	Ant 2	-1.52	-49.62	pass

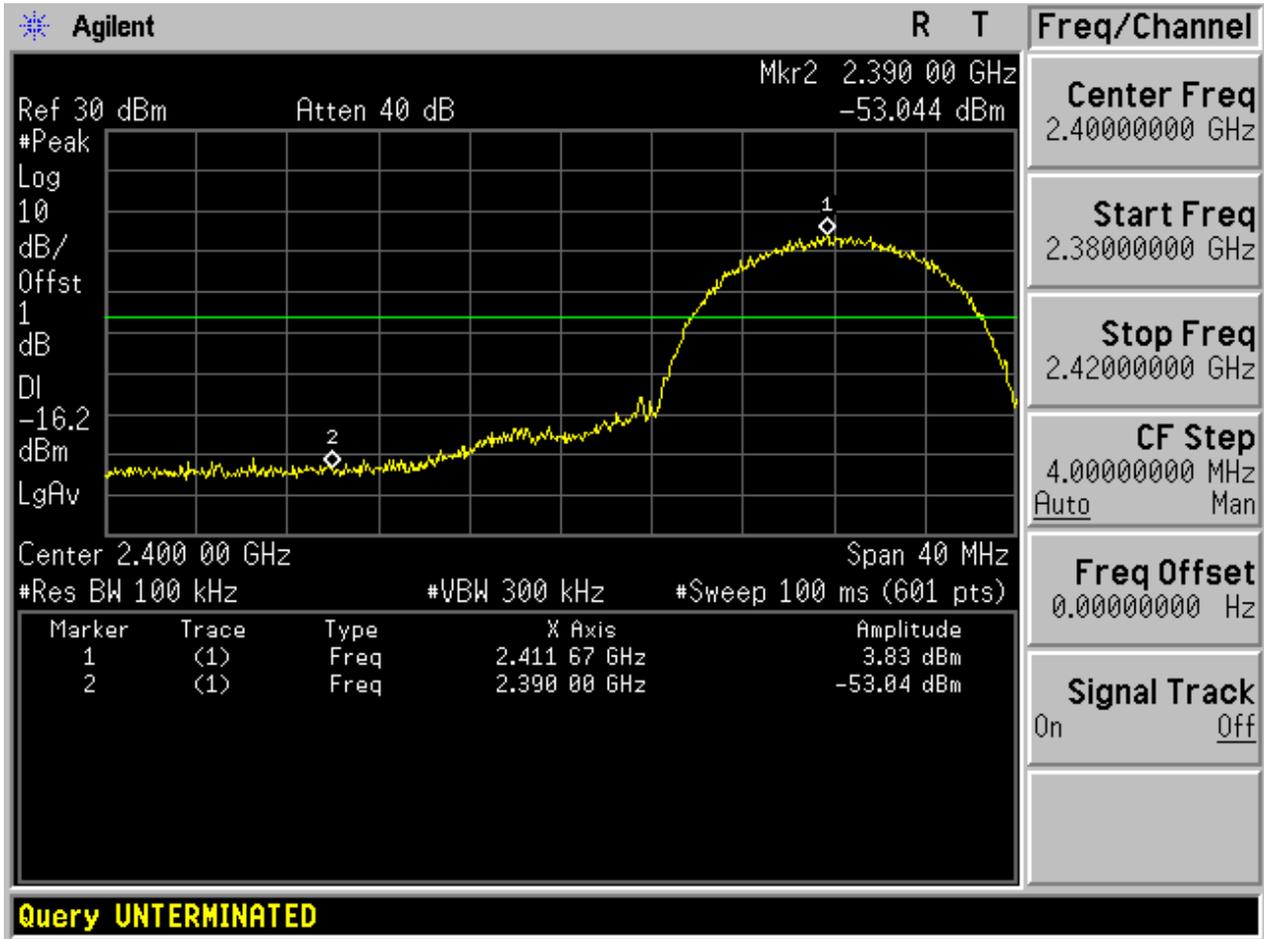


Part II - Test Plots

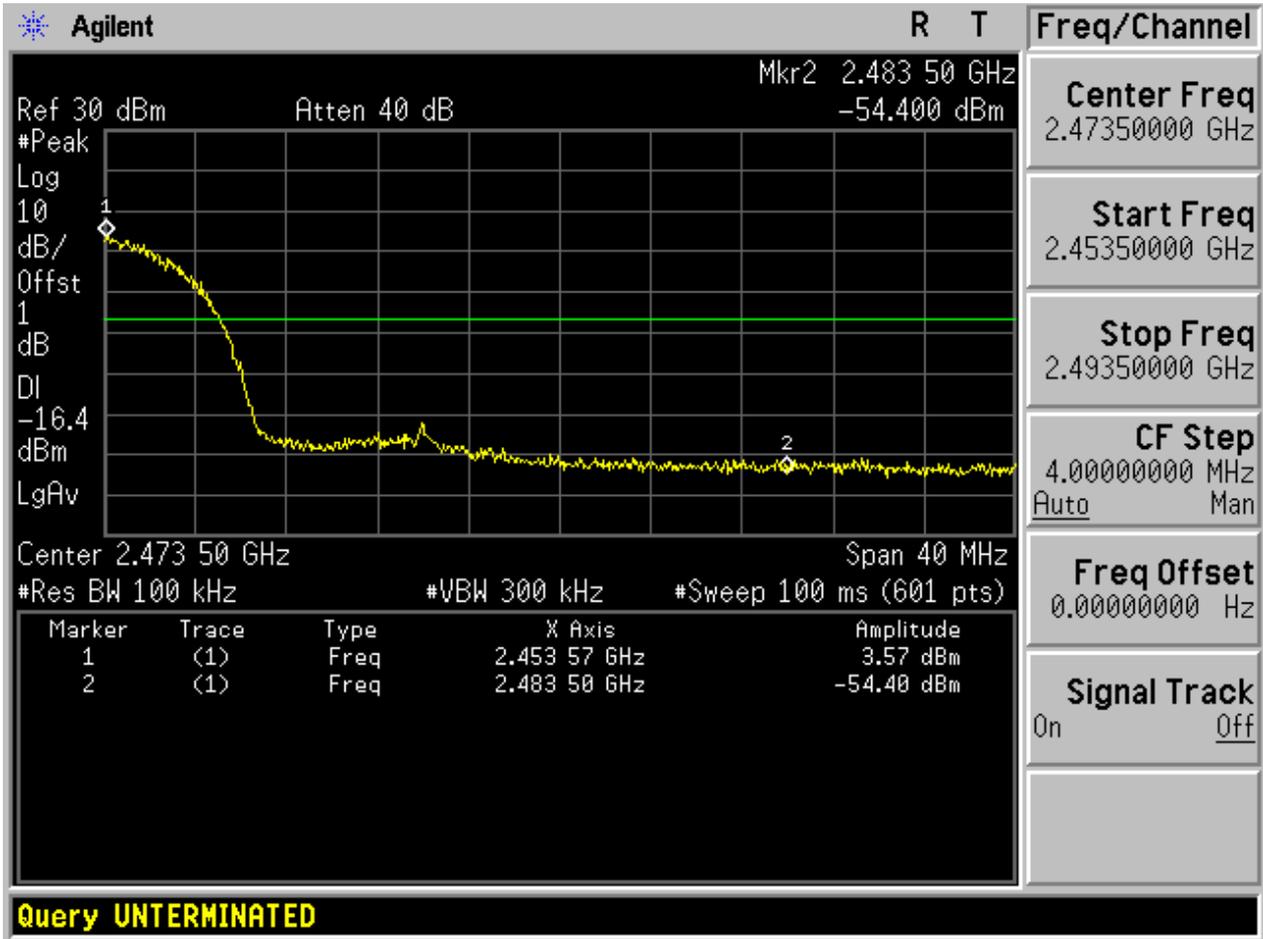
2.1 11B_L@Ant 1



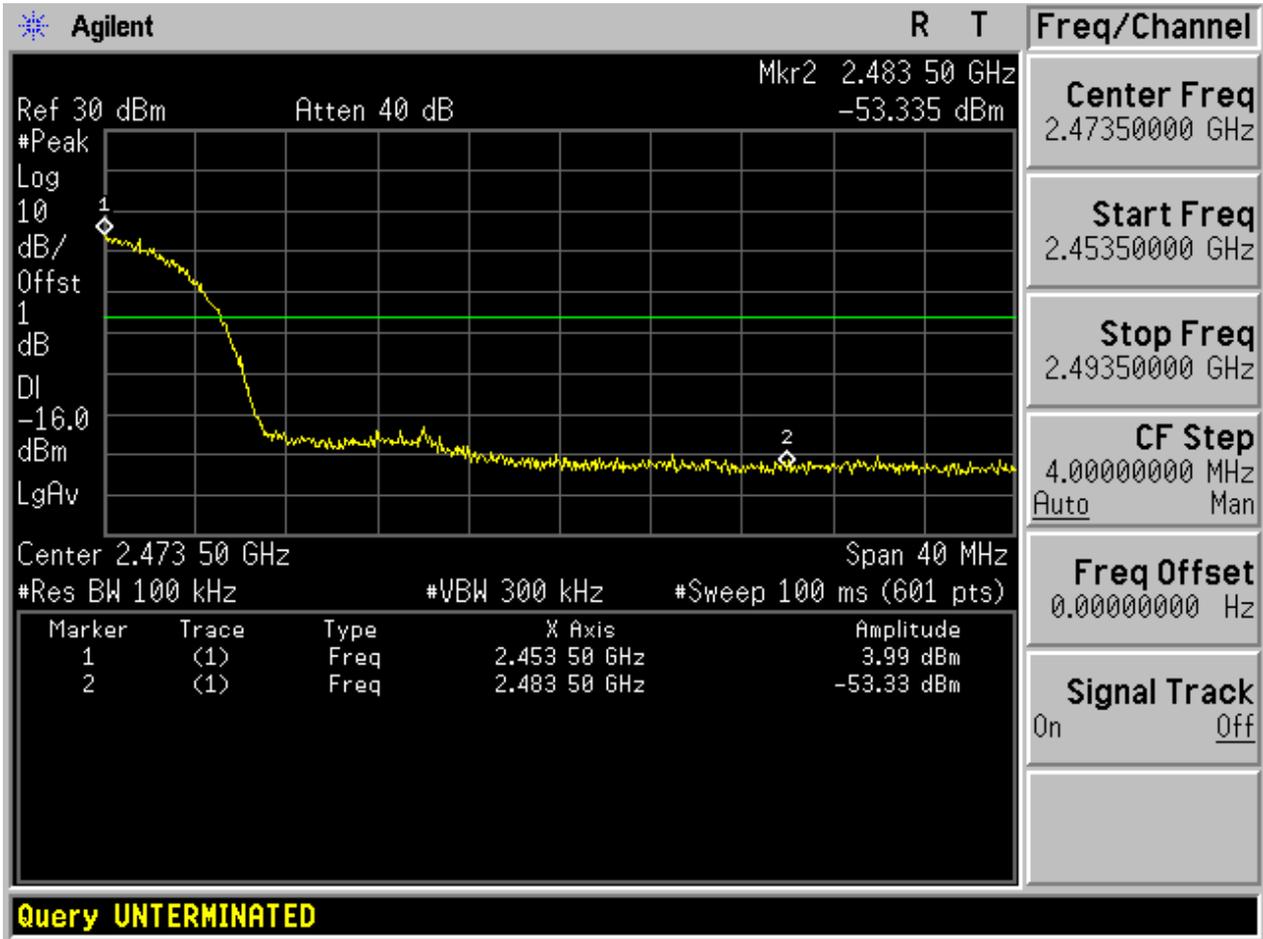
2.2 11B_L@Ant 2



2.3 11B_H@Ant 1

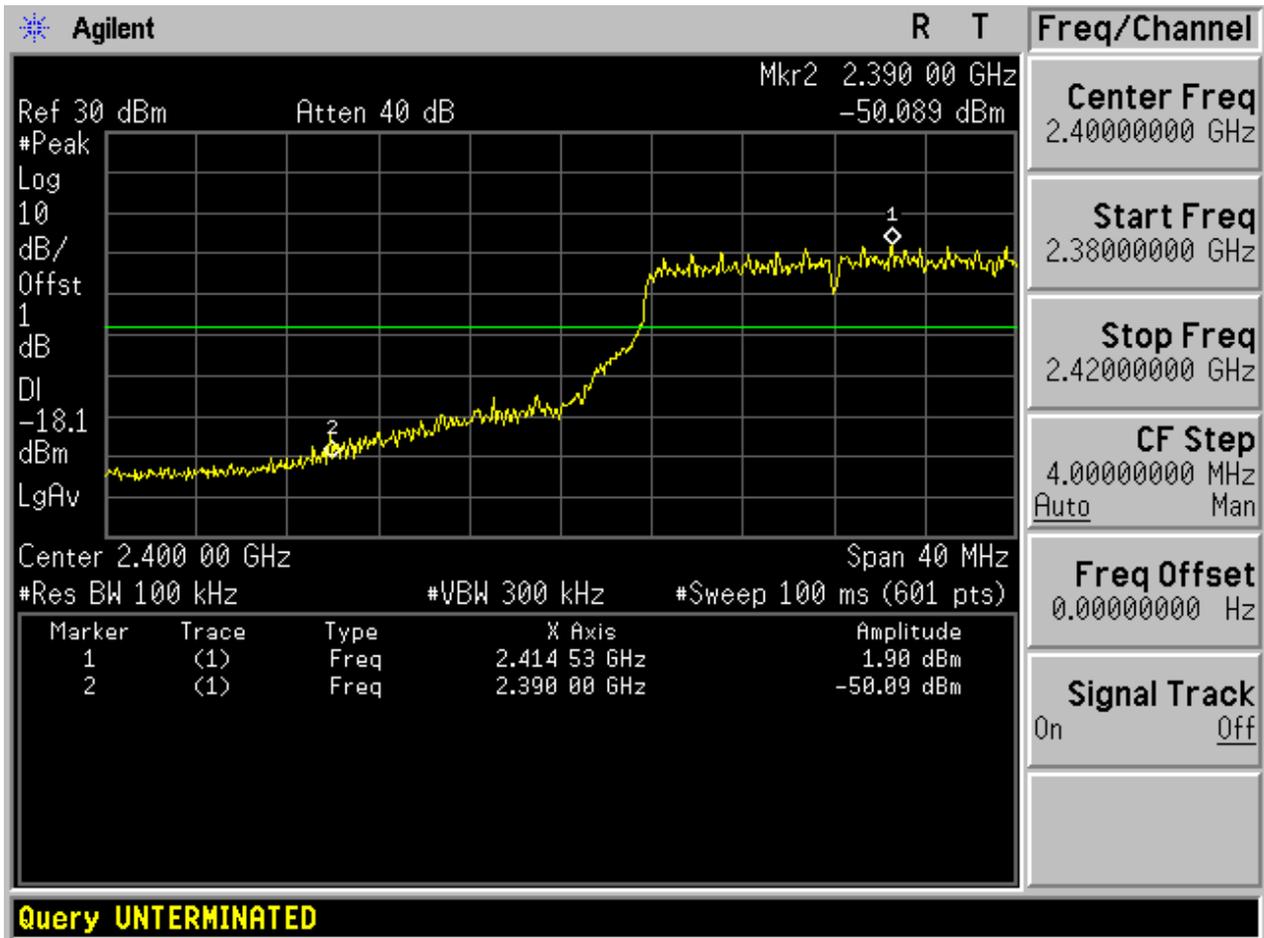


2.4 11B_H@Ant 2



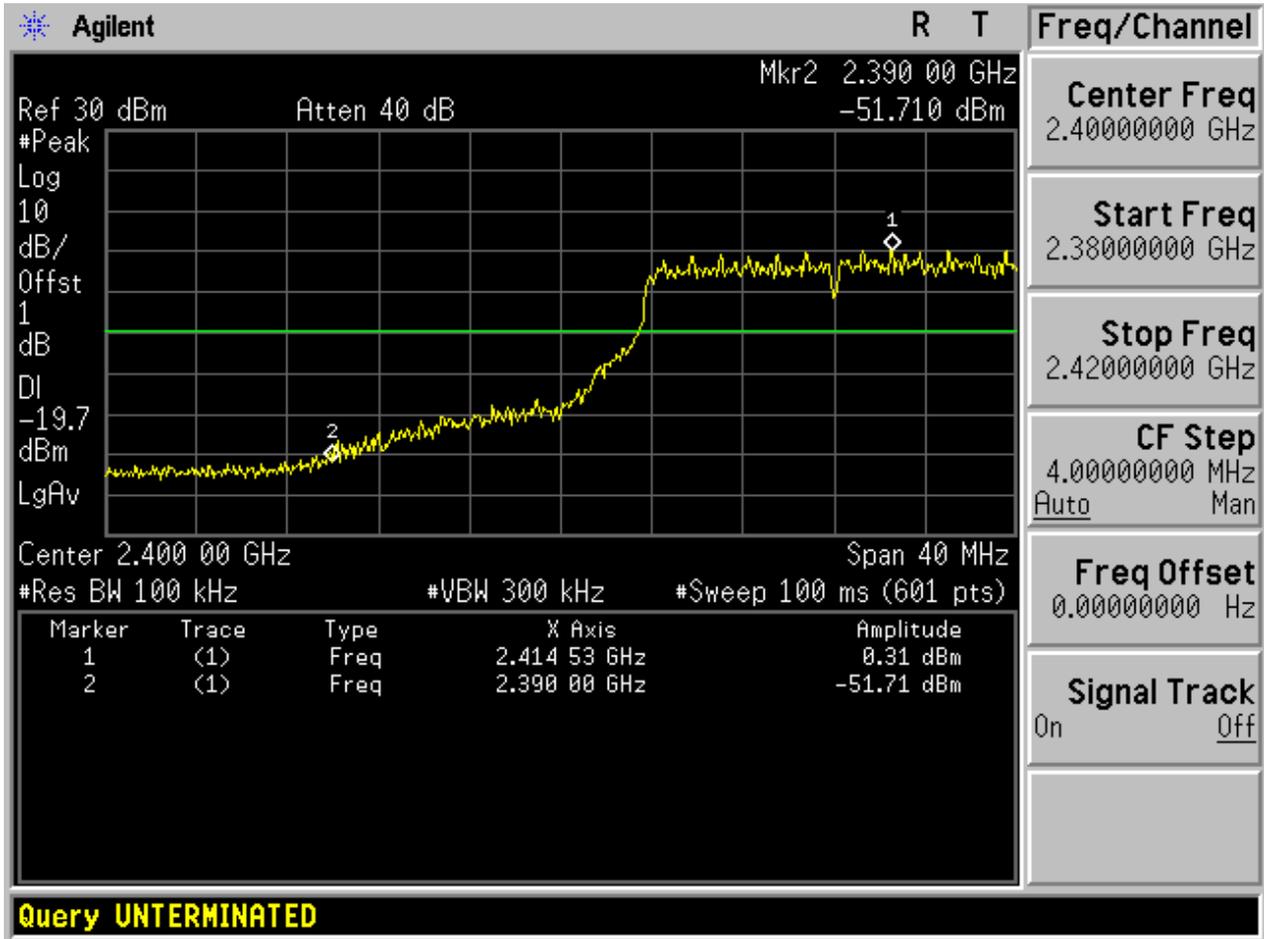


2.5 11G_L@Ant 1

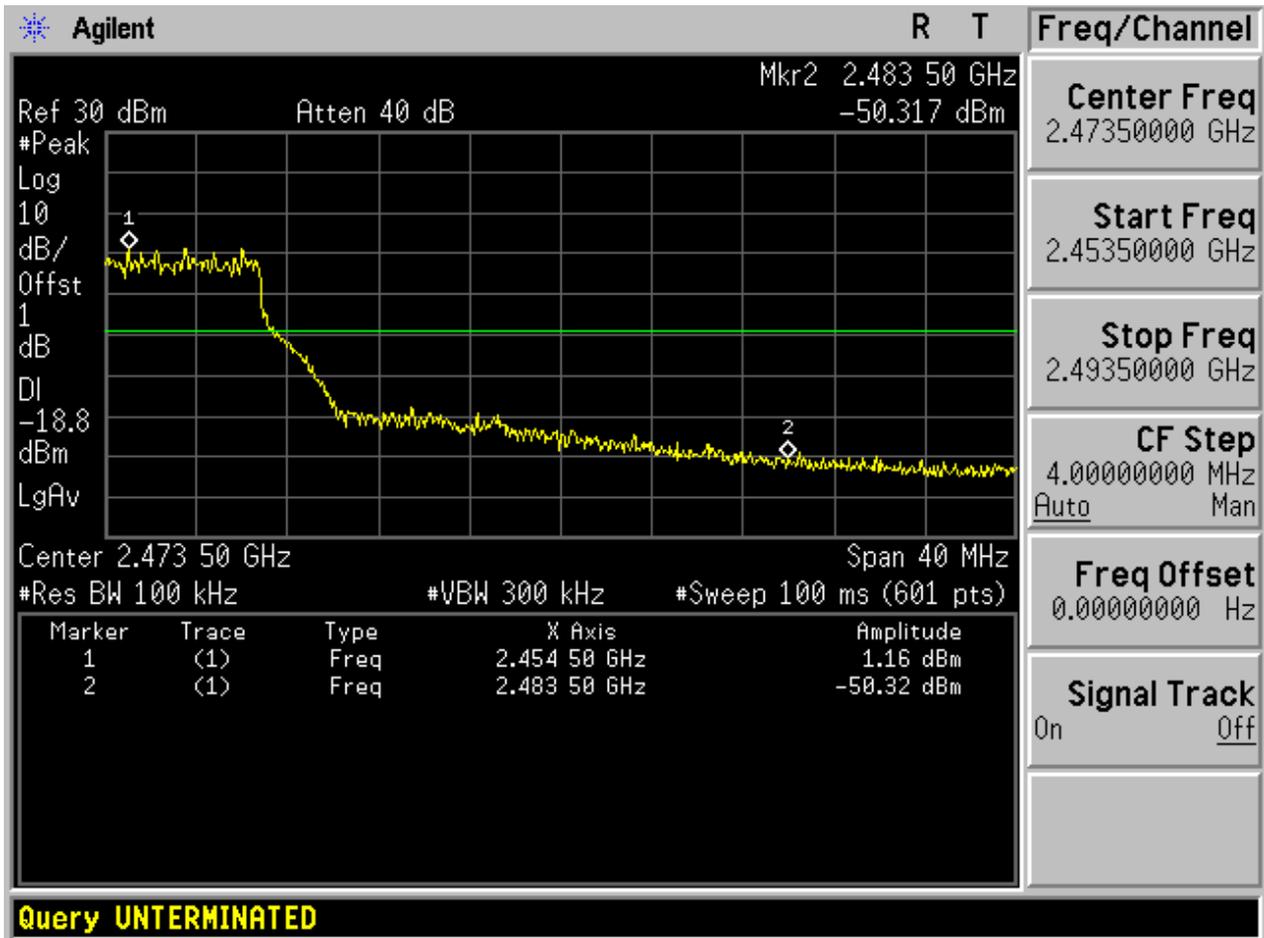




2.6 11G_L@Ant 2

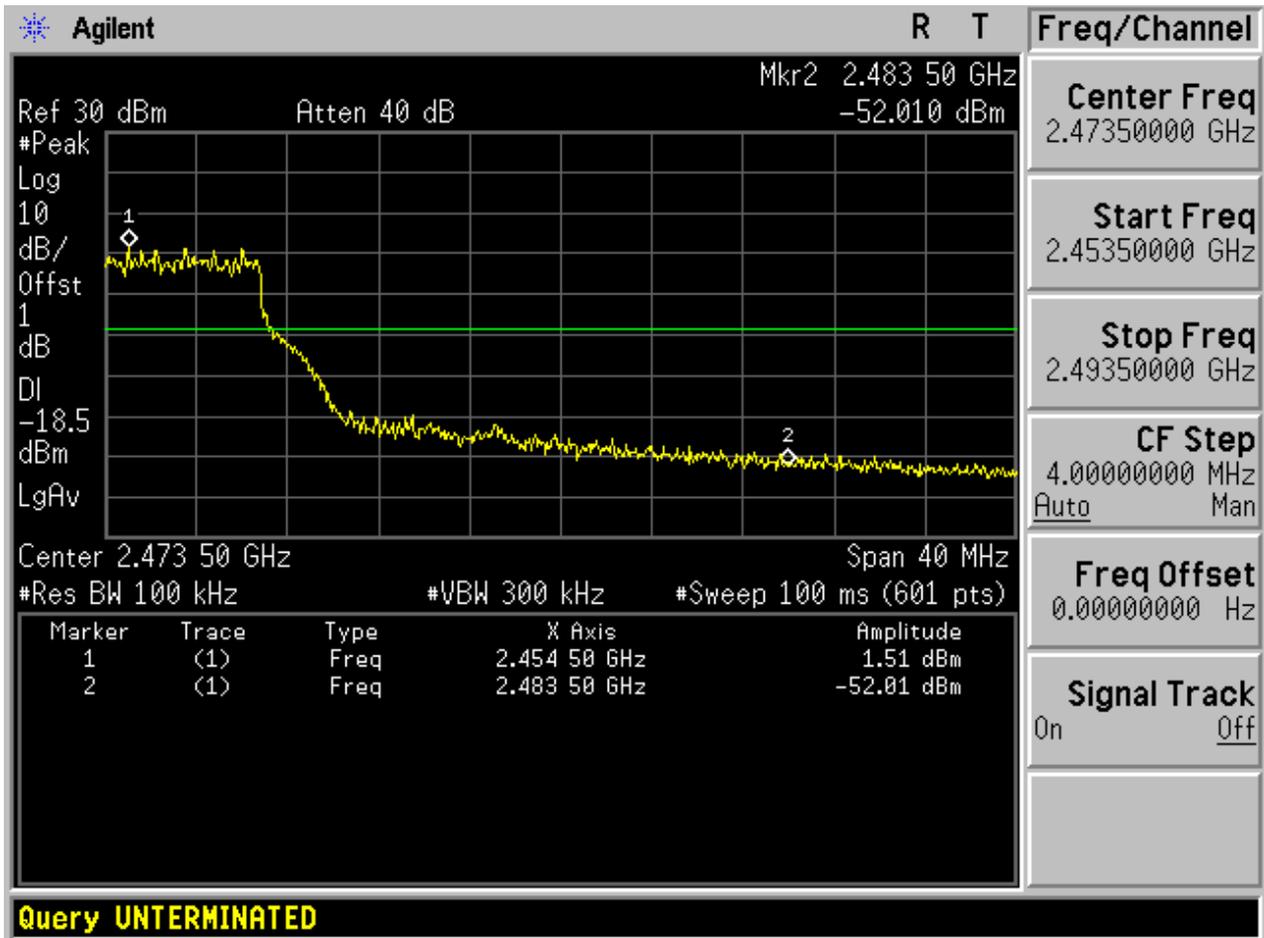


2.7 11G_H@Ant 1



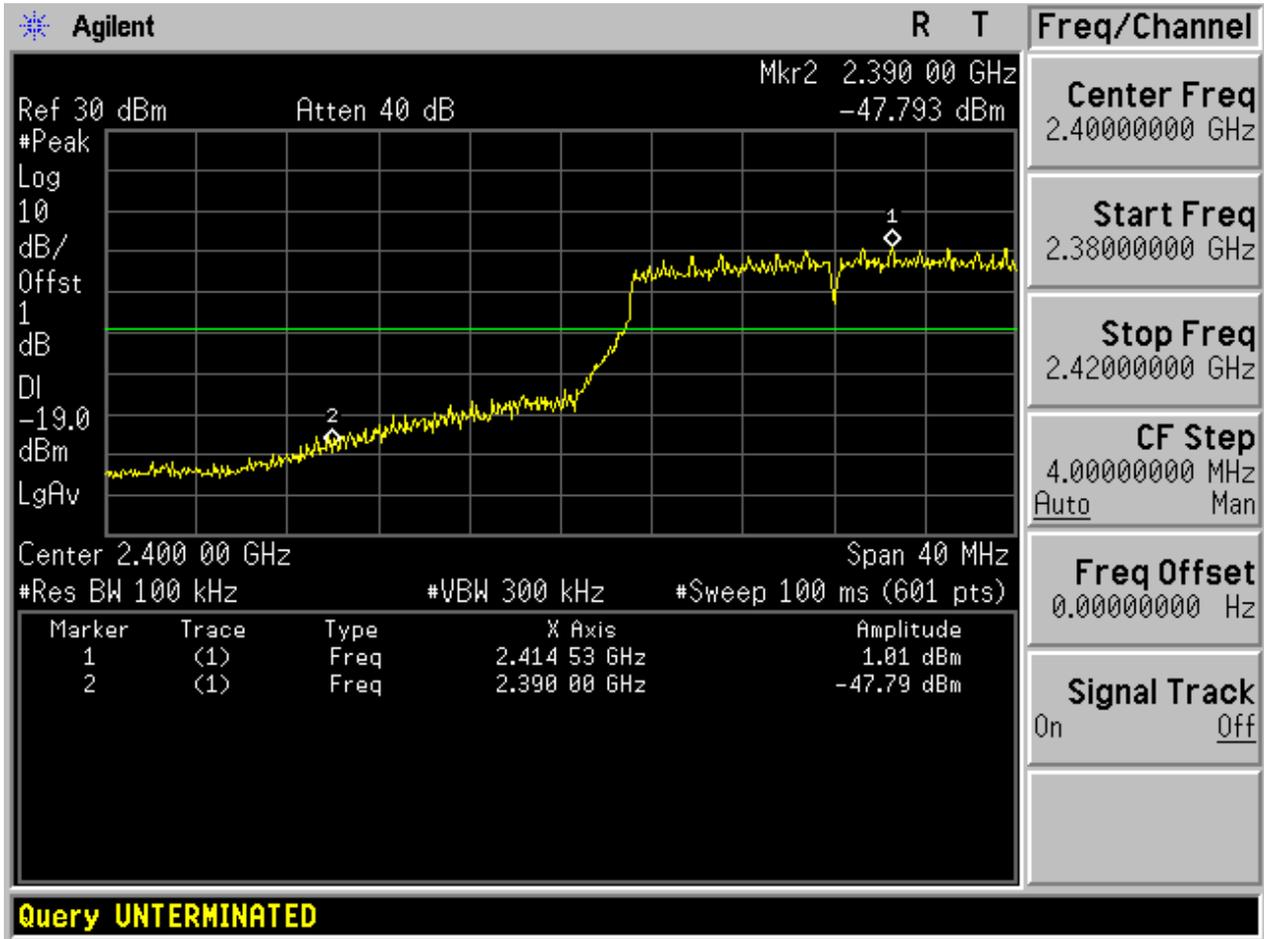


2.8 11G_H@Ant 2



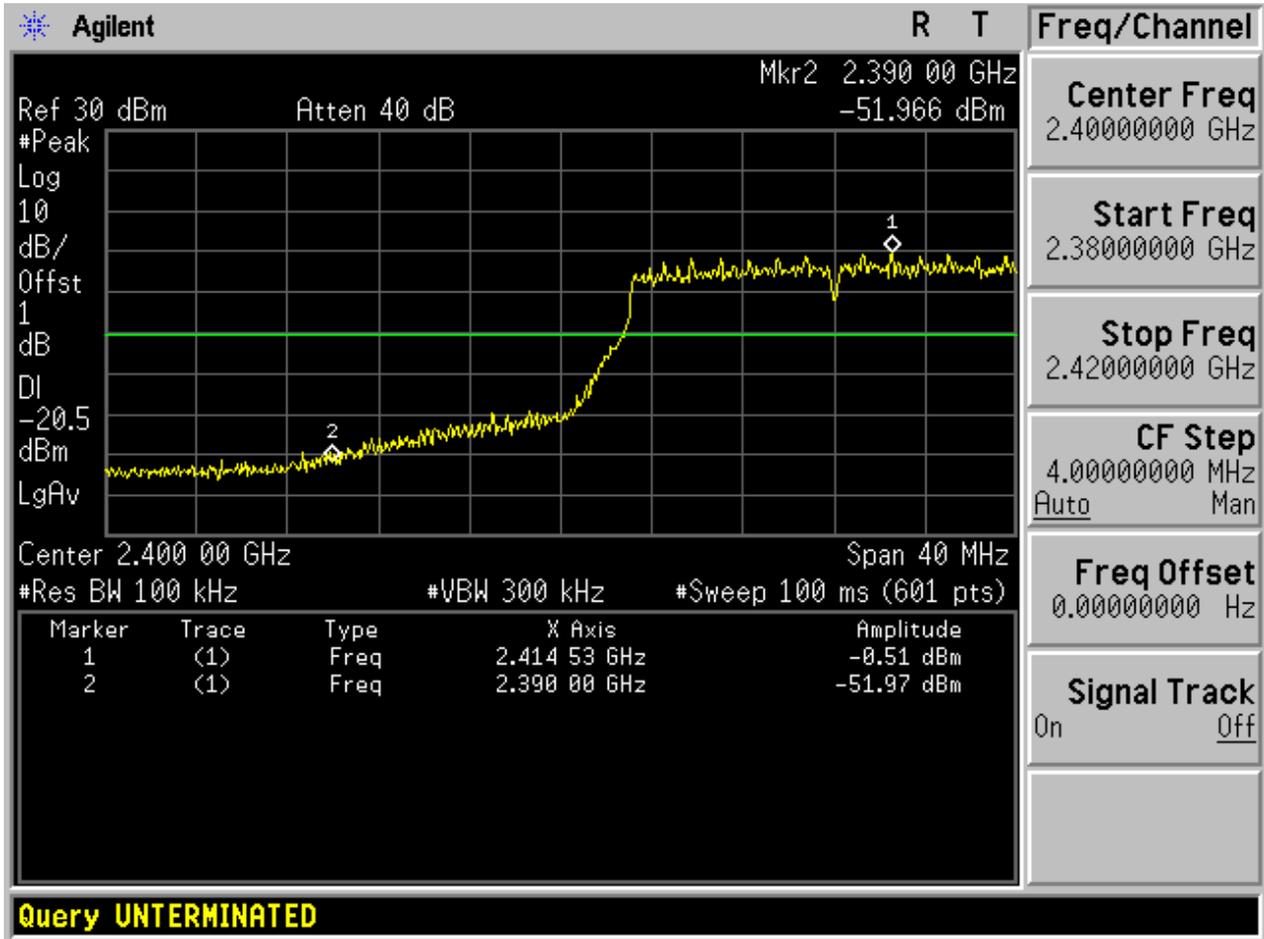


2.9 11N20_L@Ant 1

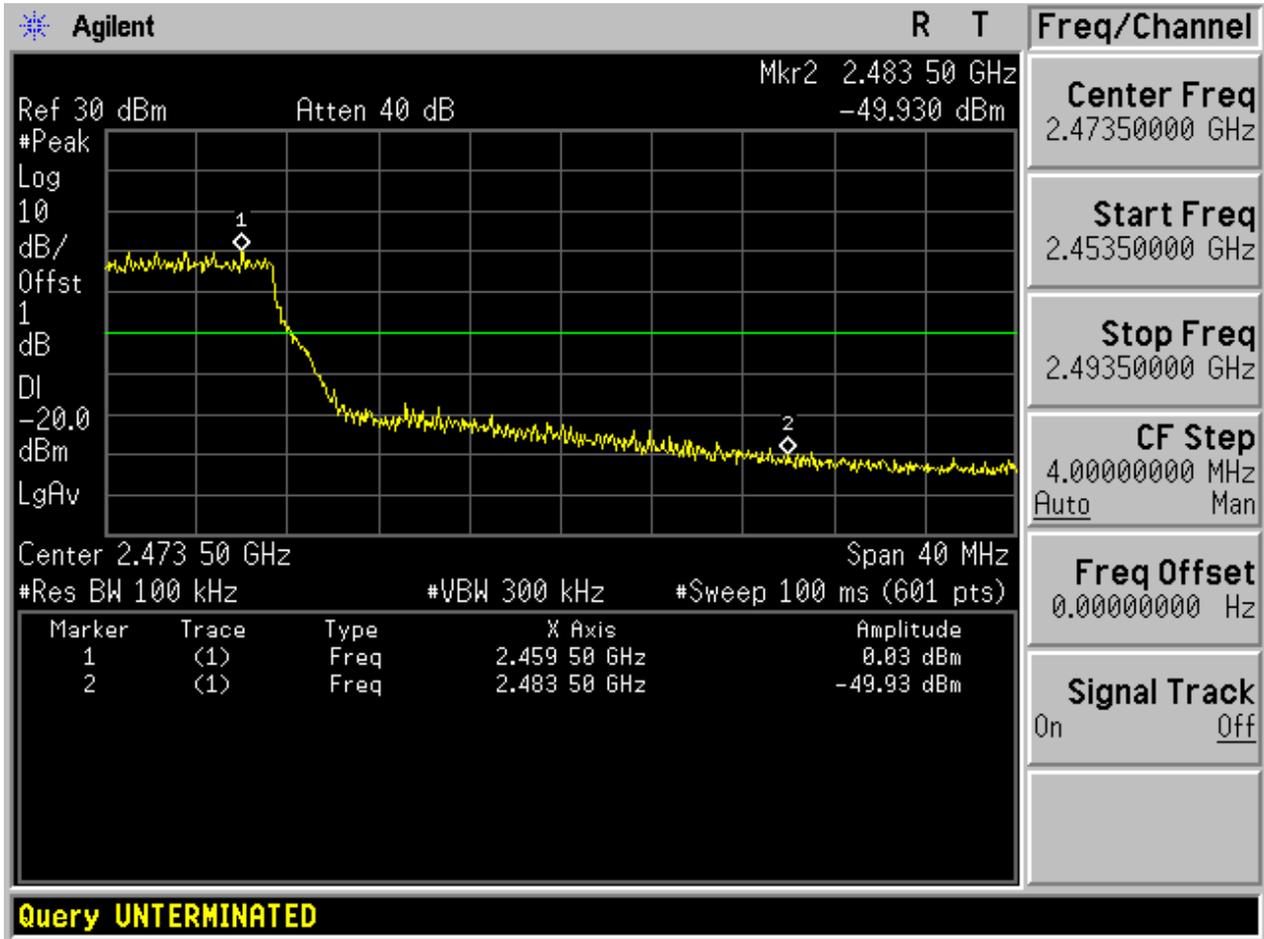




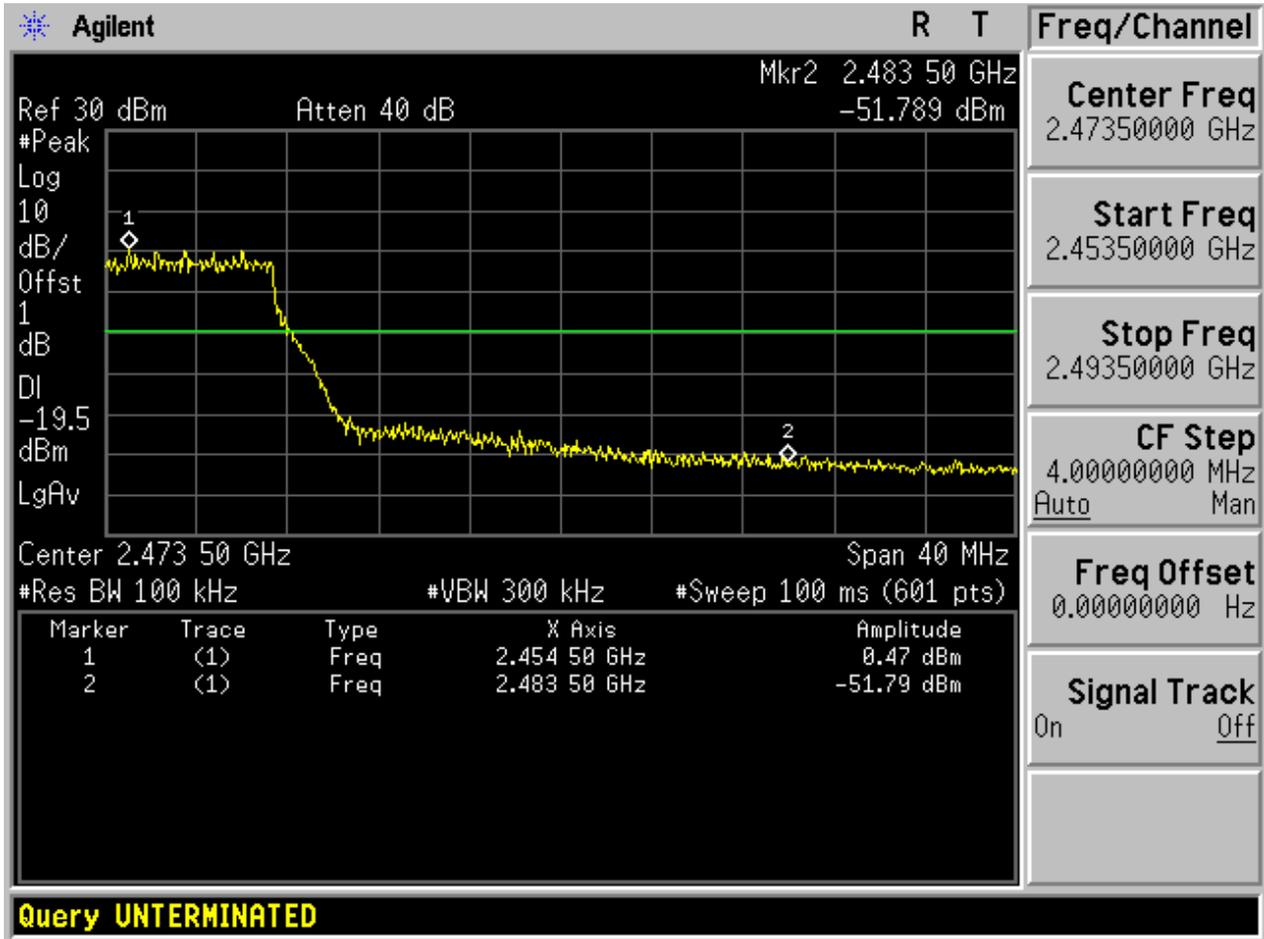
2.10 11N20_L@Ant 2



2.11 11N20_H@Ant 1

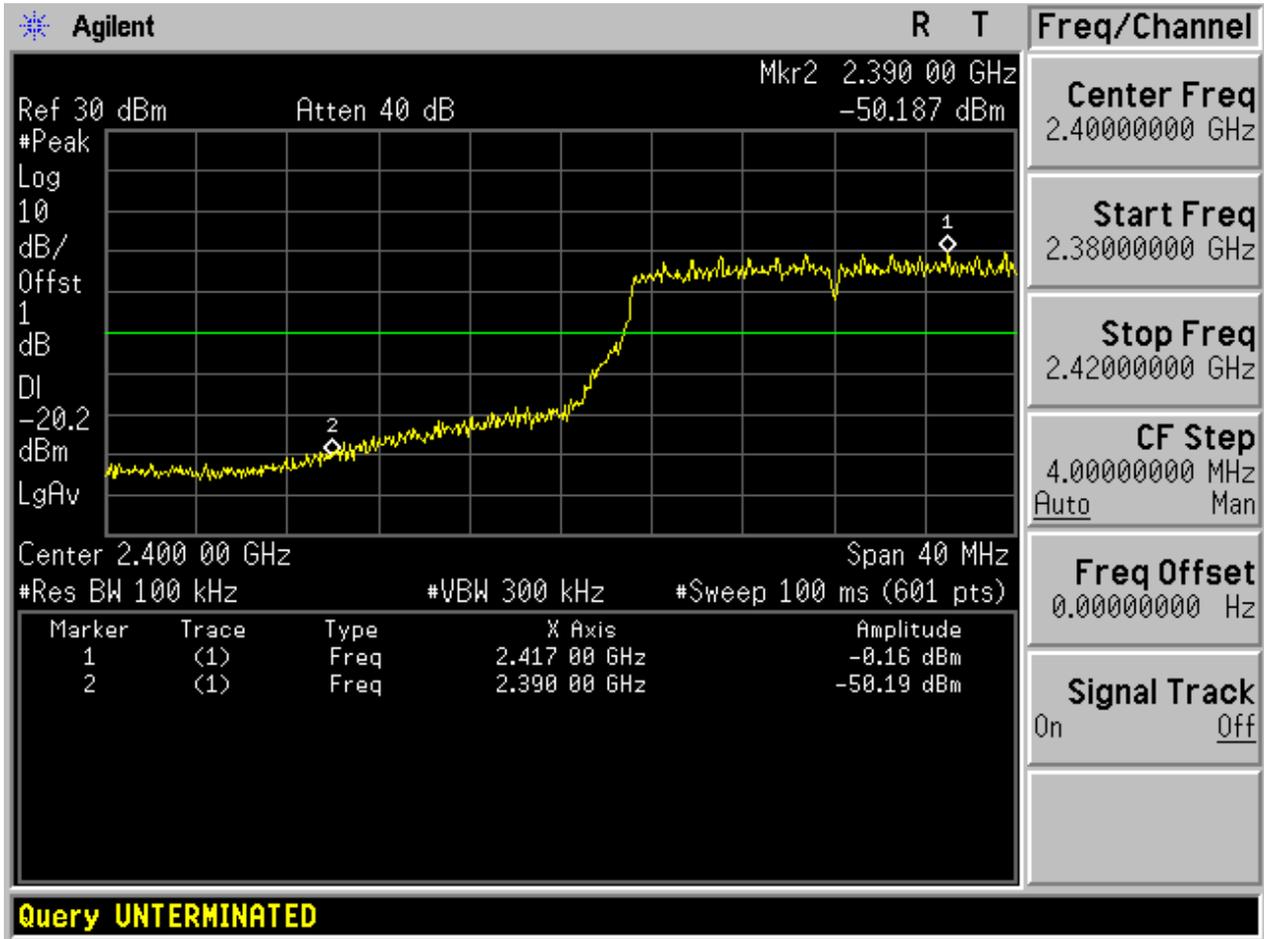


2.12 11N20_H@Ant 2



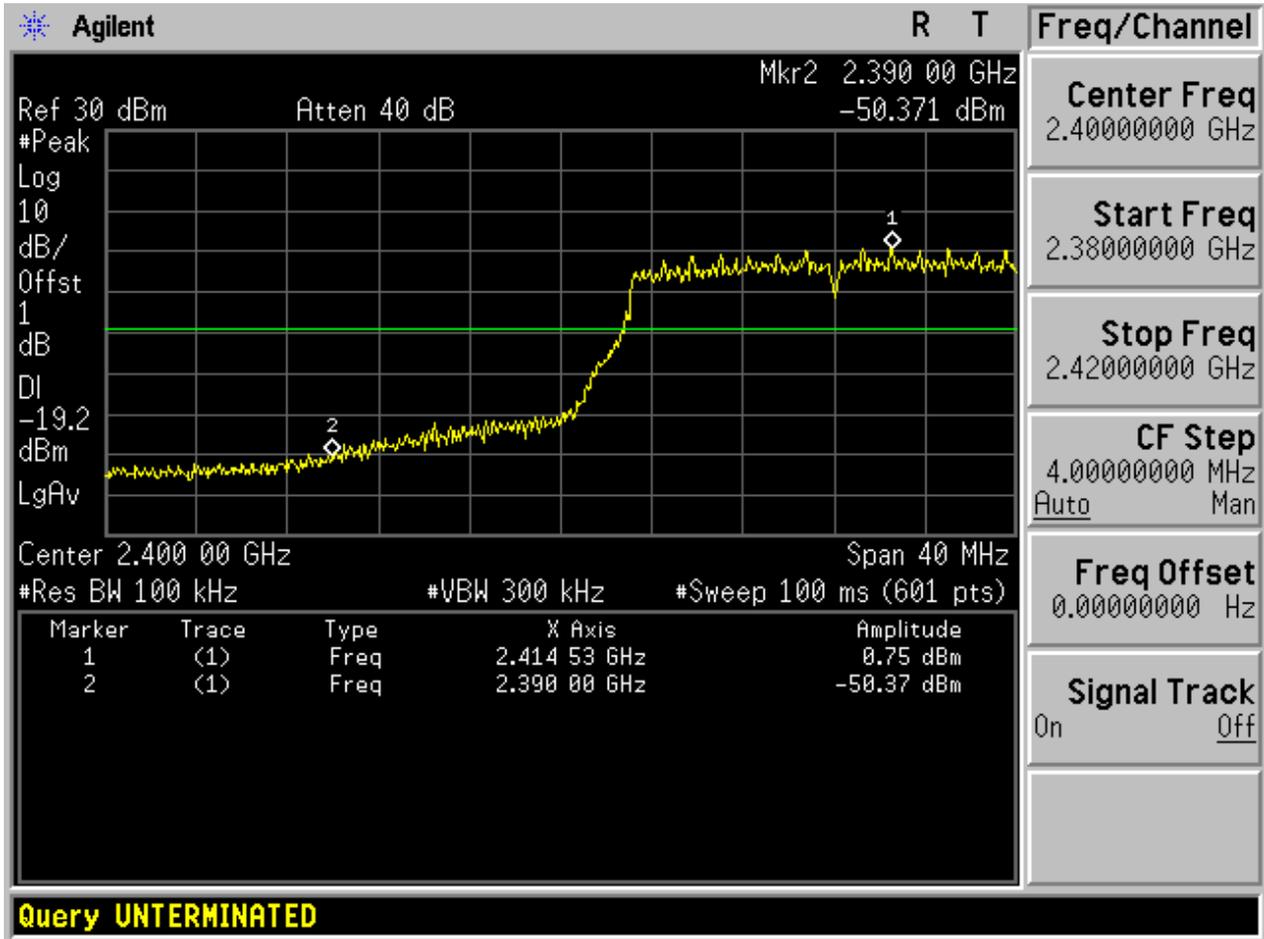


2.13 11N20m_L@Ant 2

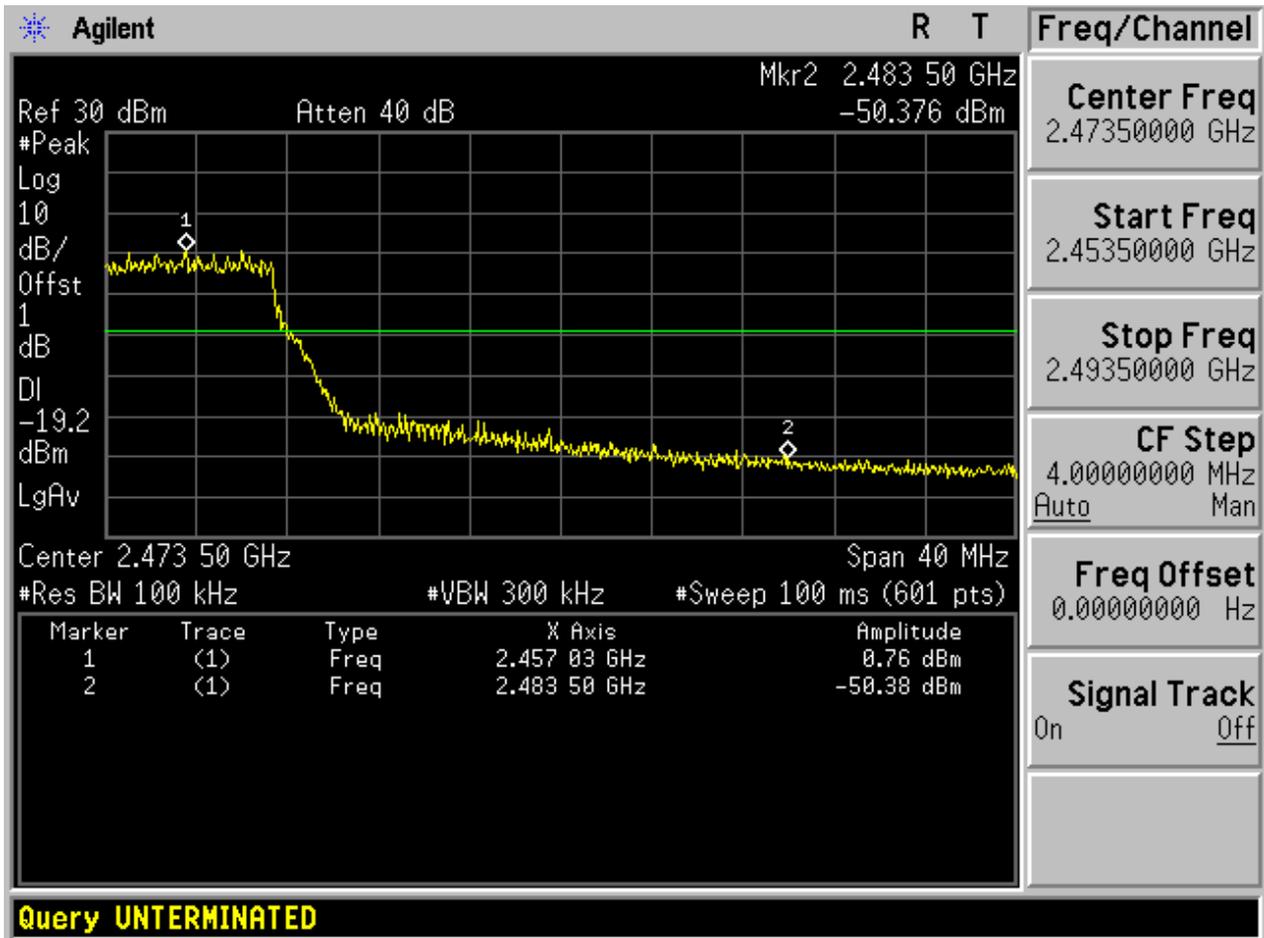




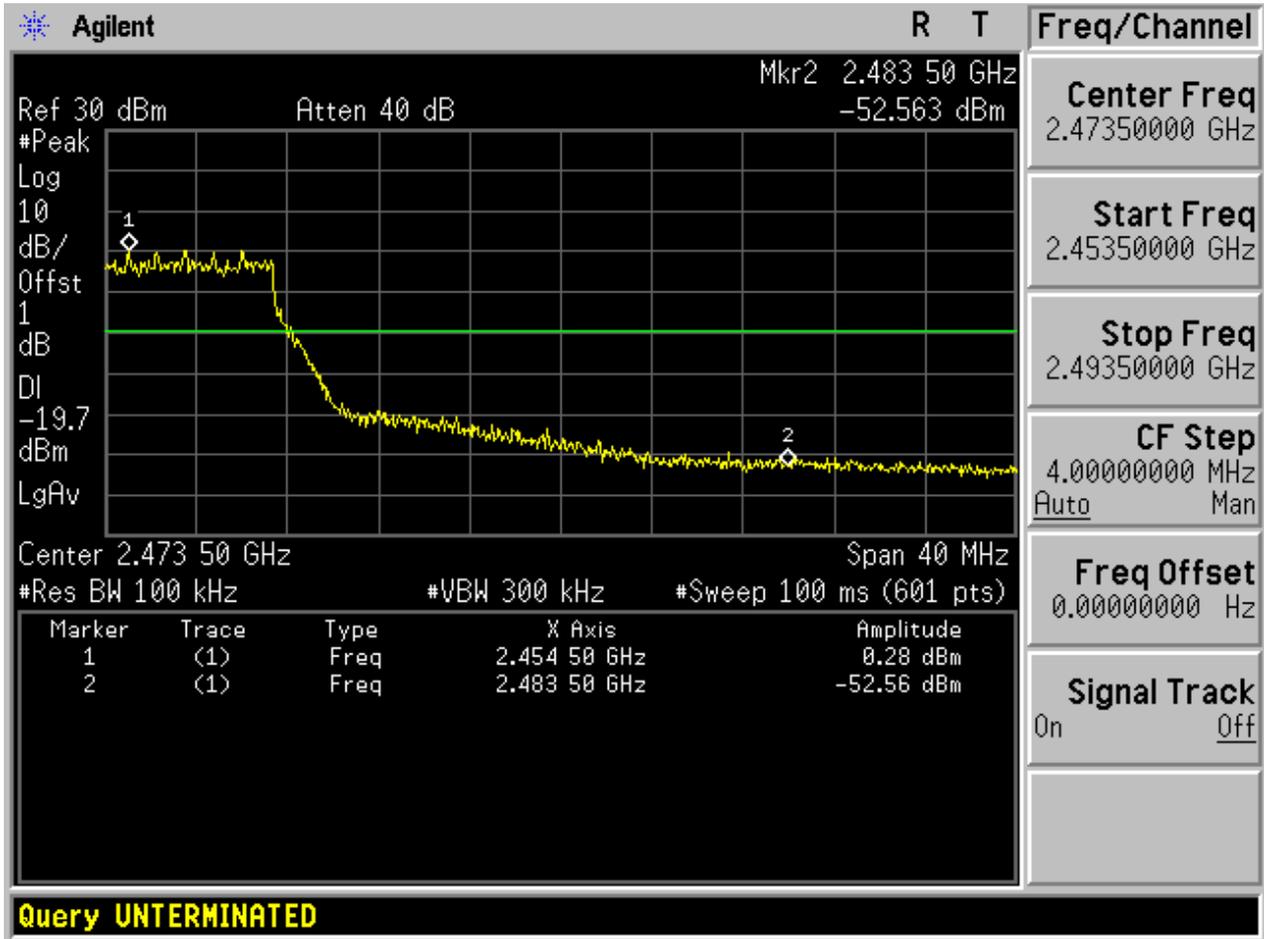
2.14 11N20m_L@Ant 1



2.15 11N20m_H@Ant 2

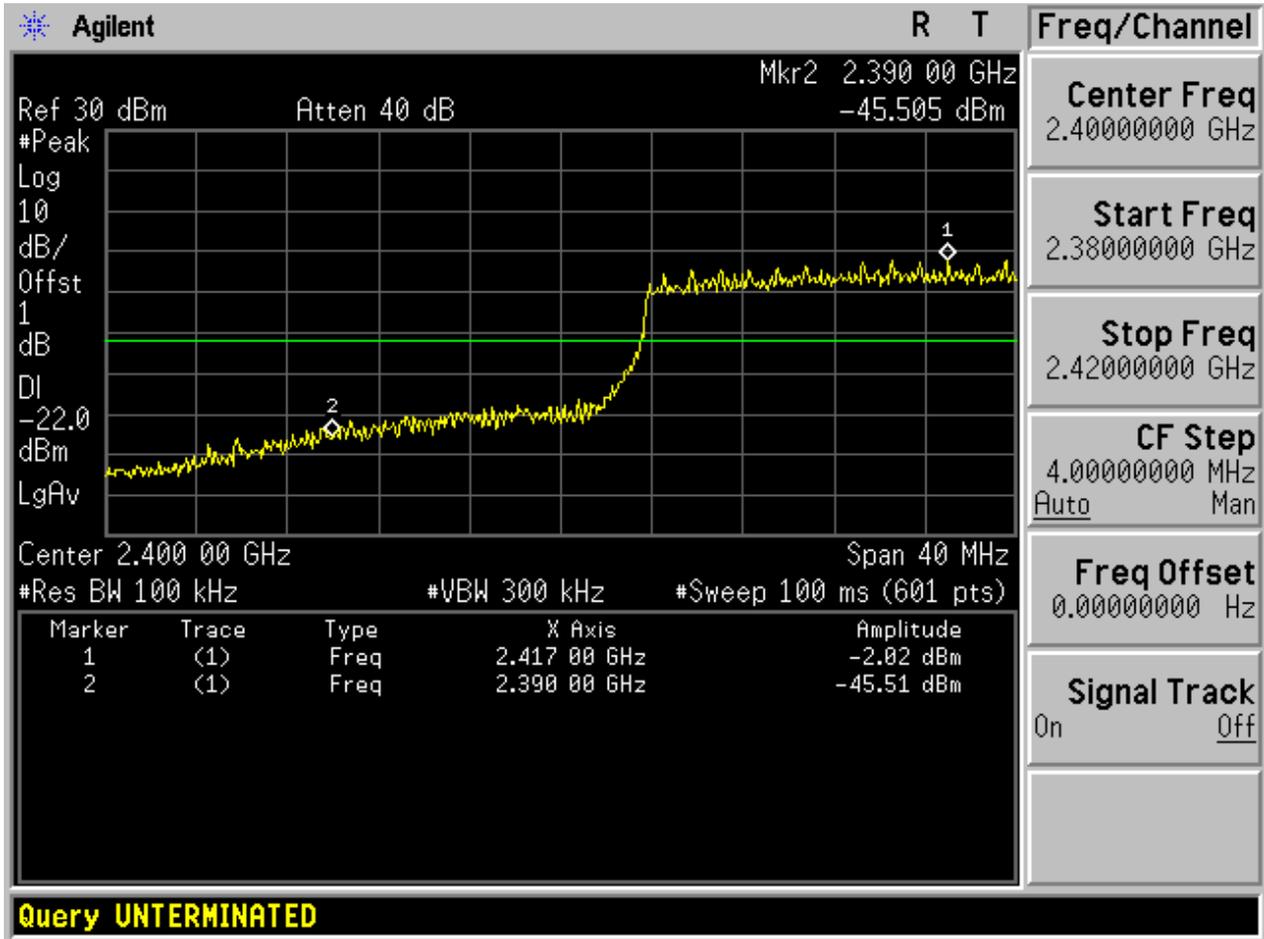


2.16 11N20m_H@Ant 1



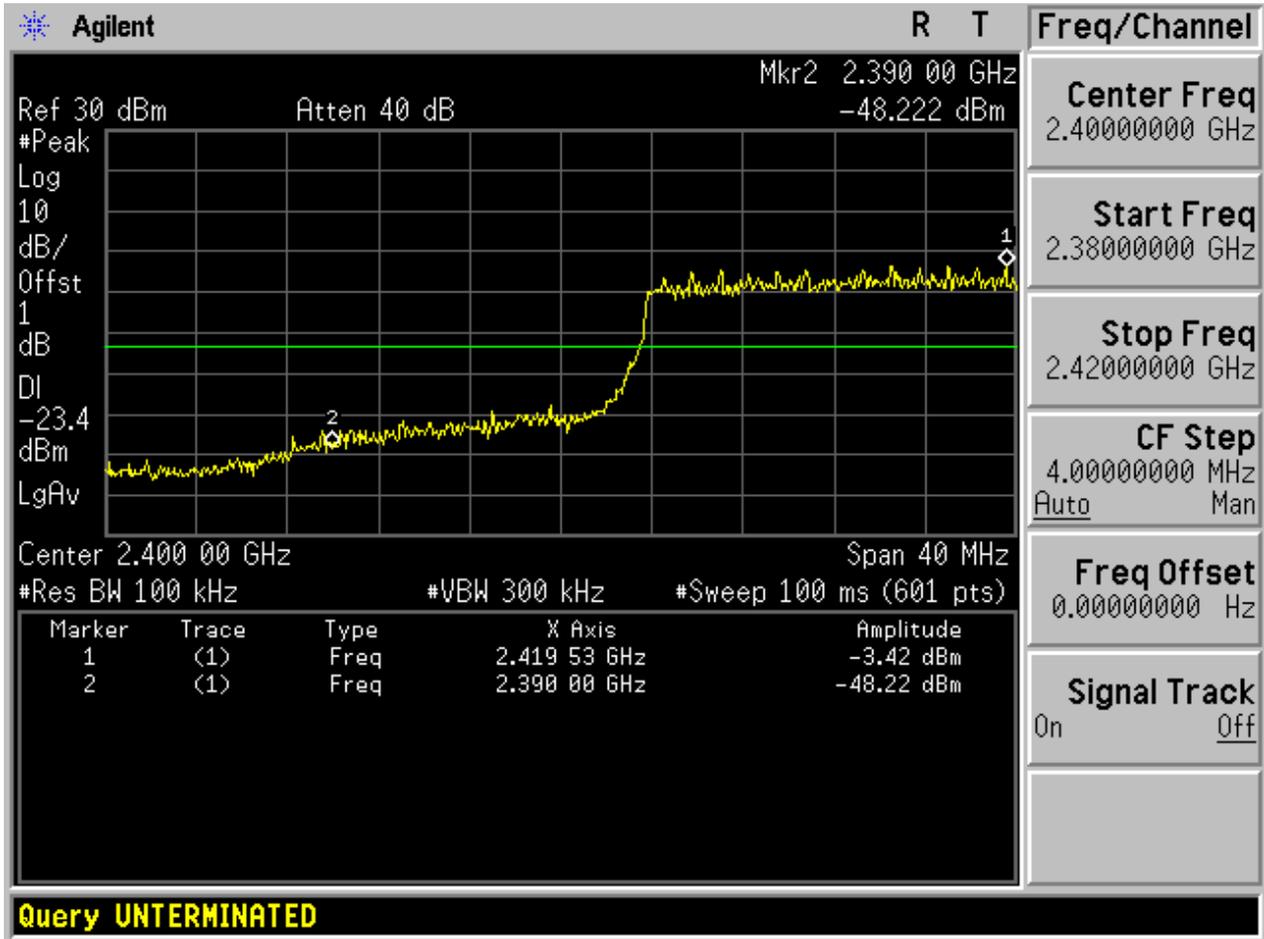


2.17 11N40_L@Ant 1



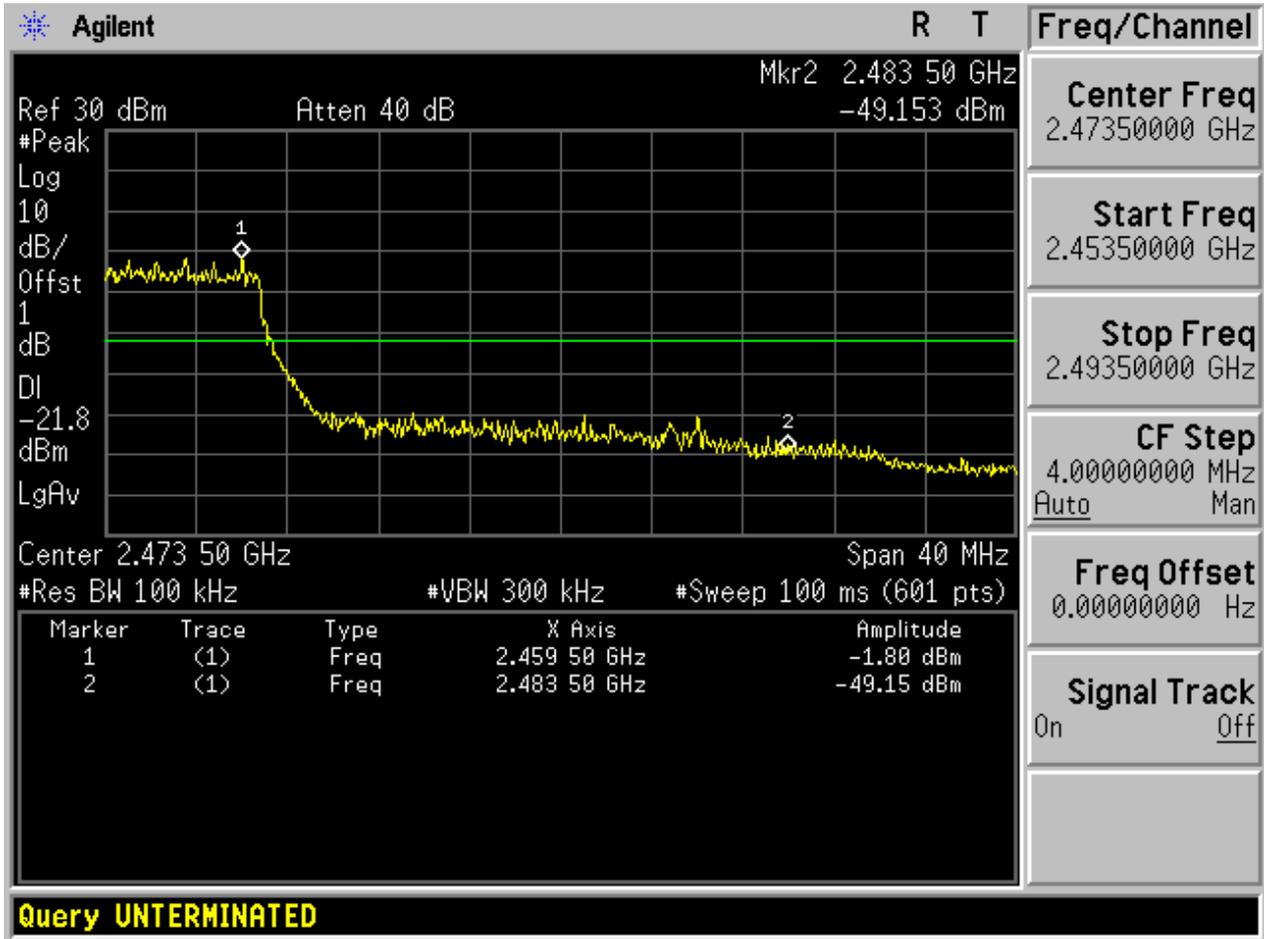


2.18 11N40_L@Ant 2



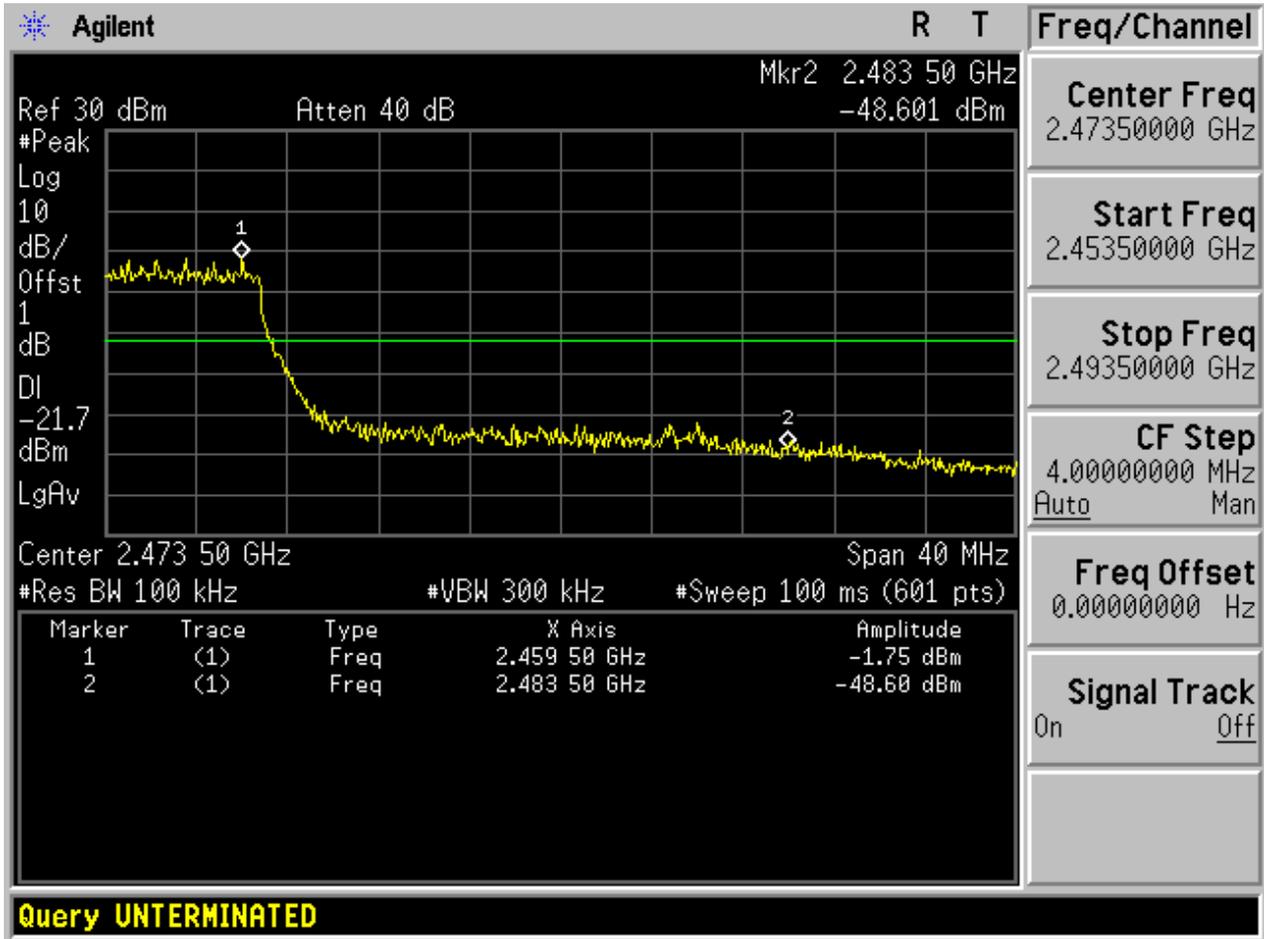


2.19 11N40_H@Ant 1

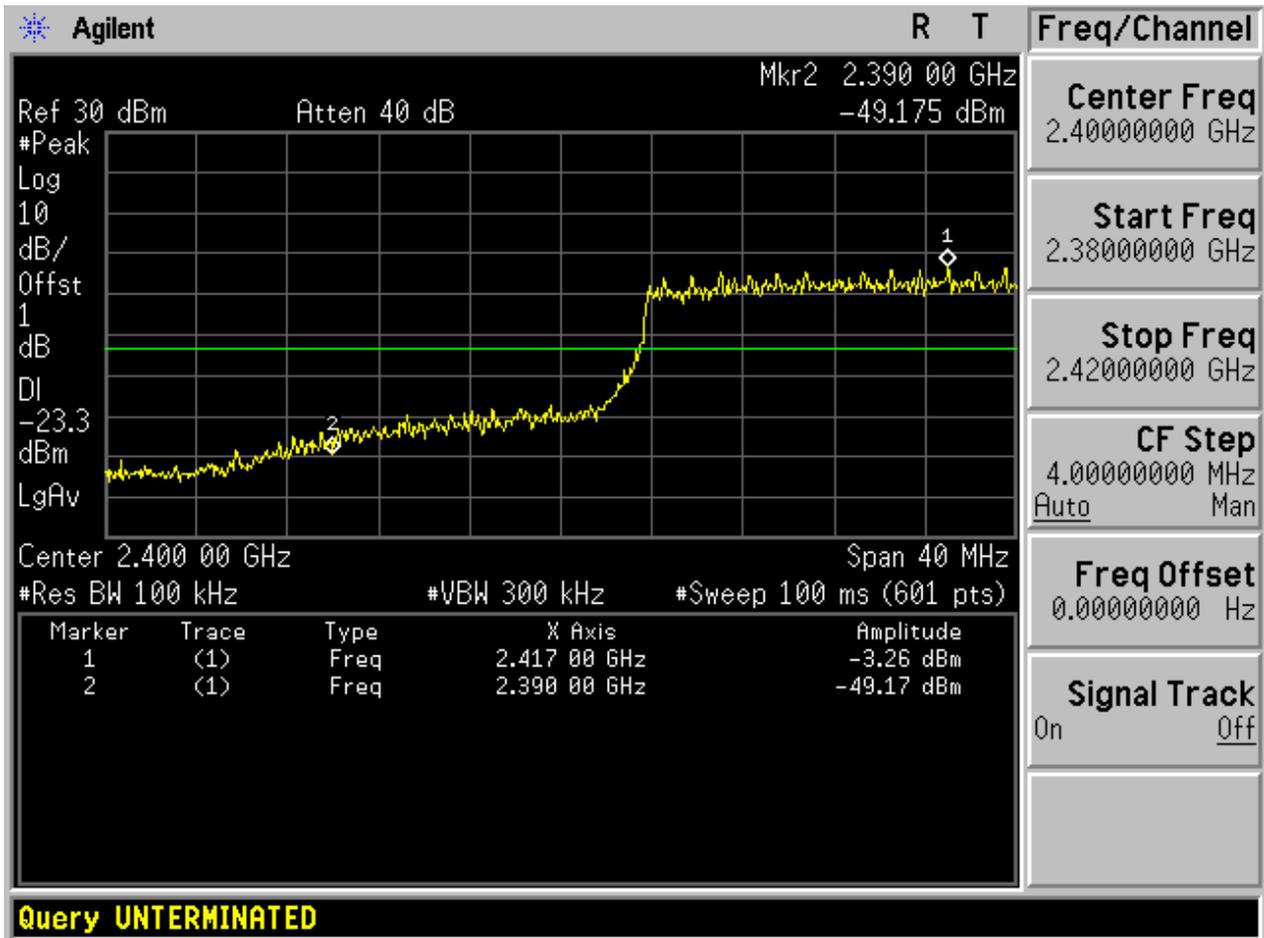




2.20 11N40_H@Ant 2

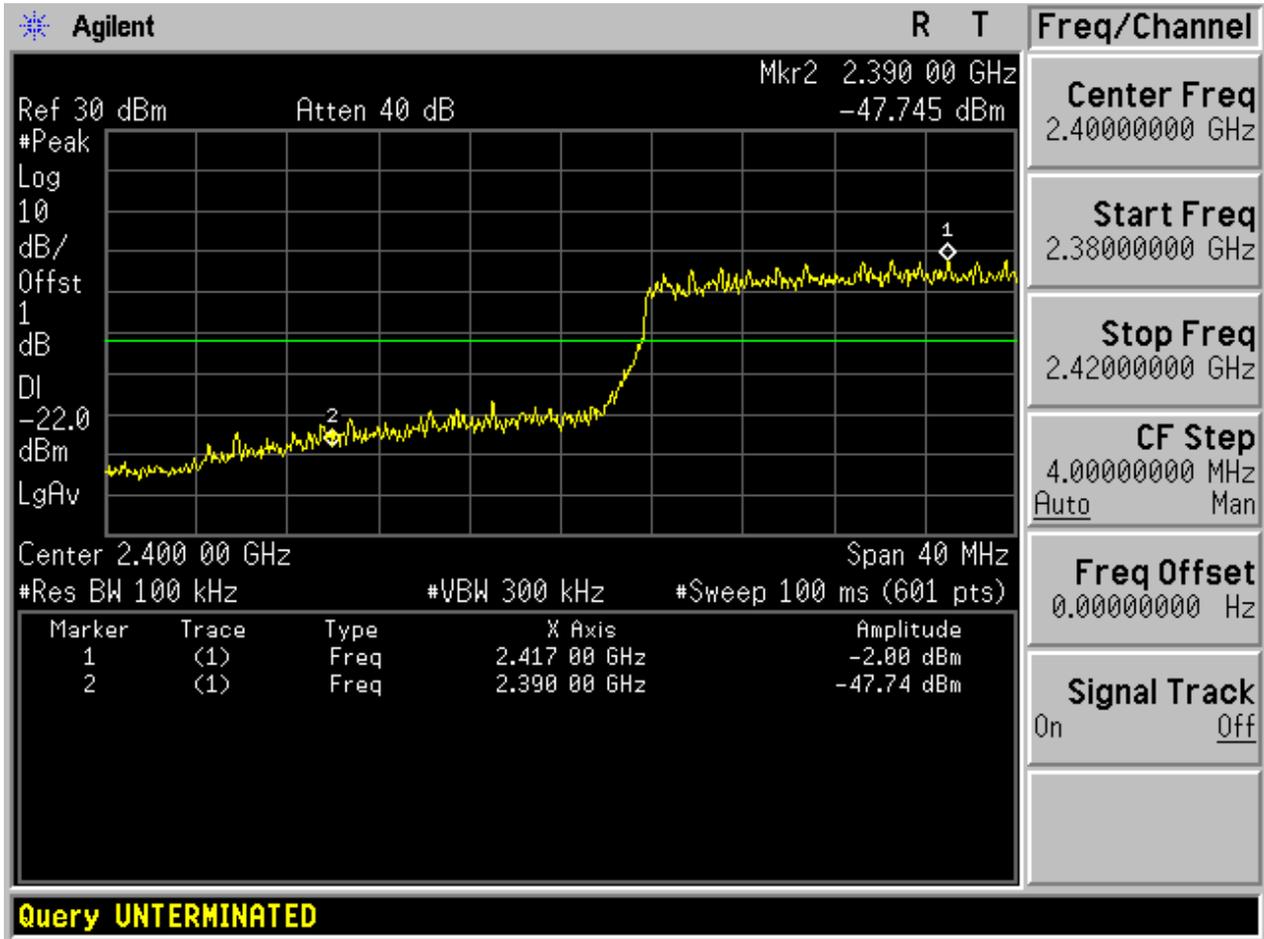


2.21 11N40m_L@Ant 2

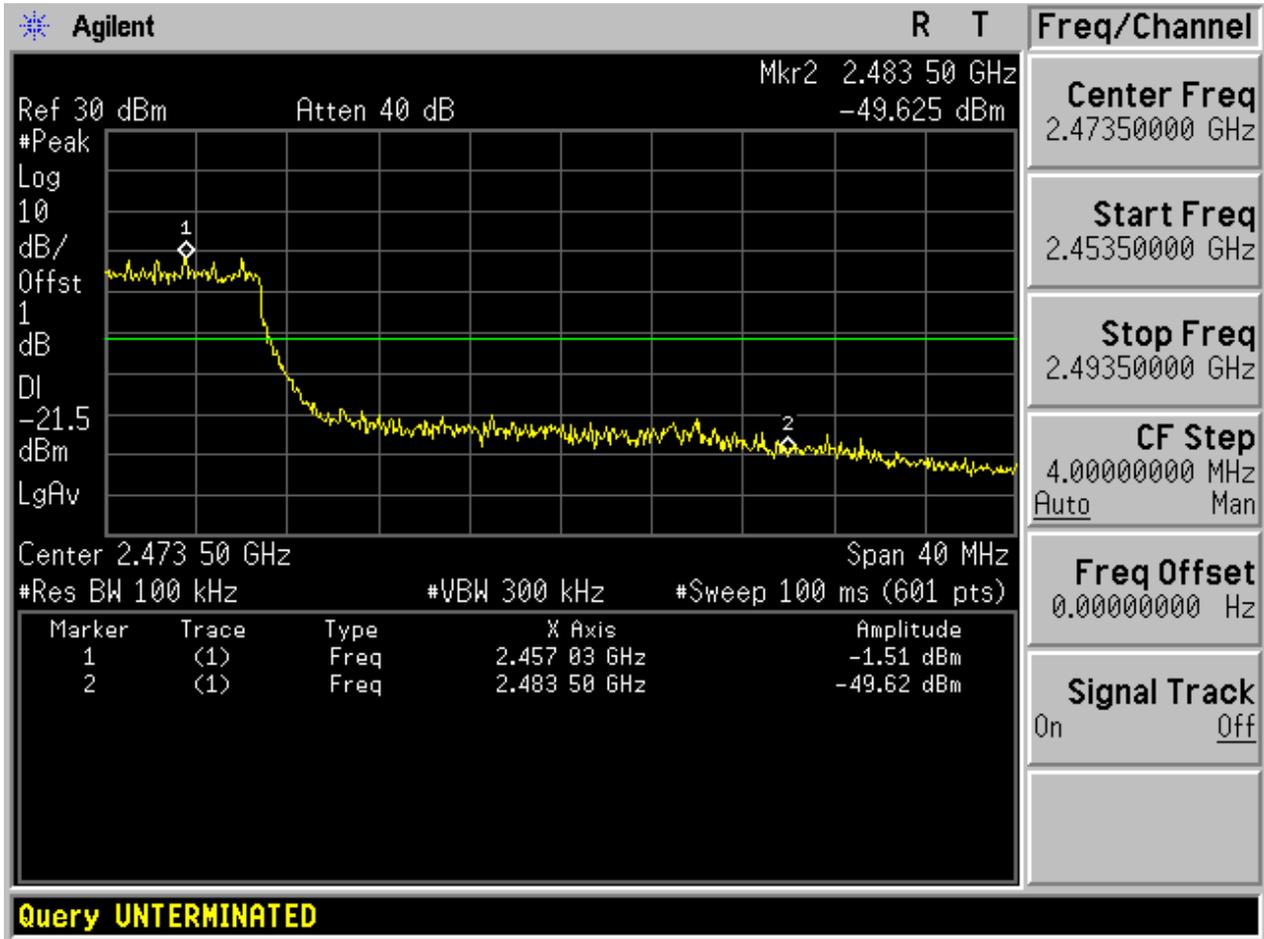




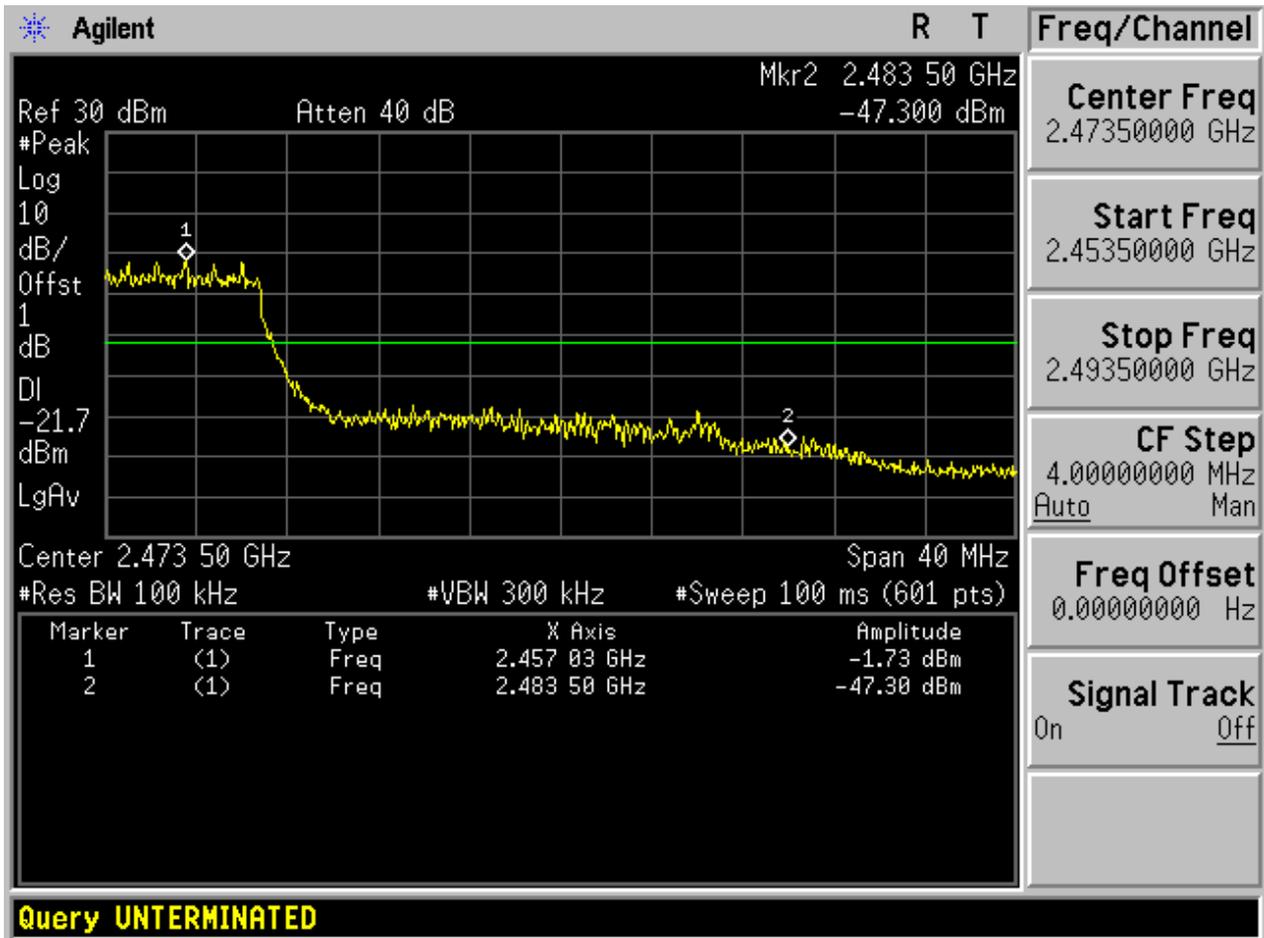
2.22 11N40m_L@Ant 1



2.23 11N40m_H@Ant 2



2.24 11N40m_H@Ant 1



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	6.70	<limit	pass
11B	L	2412	Ant 2	4.47	<limit	pass
11B	M	2432	Ant 1	6.10	<limit	pass
11B	M	2432	Ant 2	5.88	<limit	pass
11B	H	2452	Ant 1	6.21	<limit	pass
11B	H	2452	Ant 2	6.55	<limit	pass
11G	L	2412	Ant 1	2.23	<limit	pass
11G	L	2412	Ant 2	.70	<limit	pass
11G	M	2432	Ant 1	1.87	<limit	pass
11G	M	2432	Ant 2	1.51	<limit	pass
11G	H	2452	Ant 1	1.75	<limit	pass
11G	H	2452	Ant 2	1.92	<limit	pass
11N20	L	2412	Ant 1	1.40	<limit	pass
11N20	L	2412	Ant 2	.24	<limit	pass
11N20	M	2432	Ant 1	1.12	<limit	pass
11N20	M	2432	Ant 2	1.00	<limit	pass
11N20	H	2452	Ant 1	.97	<limit	pass



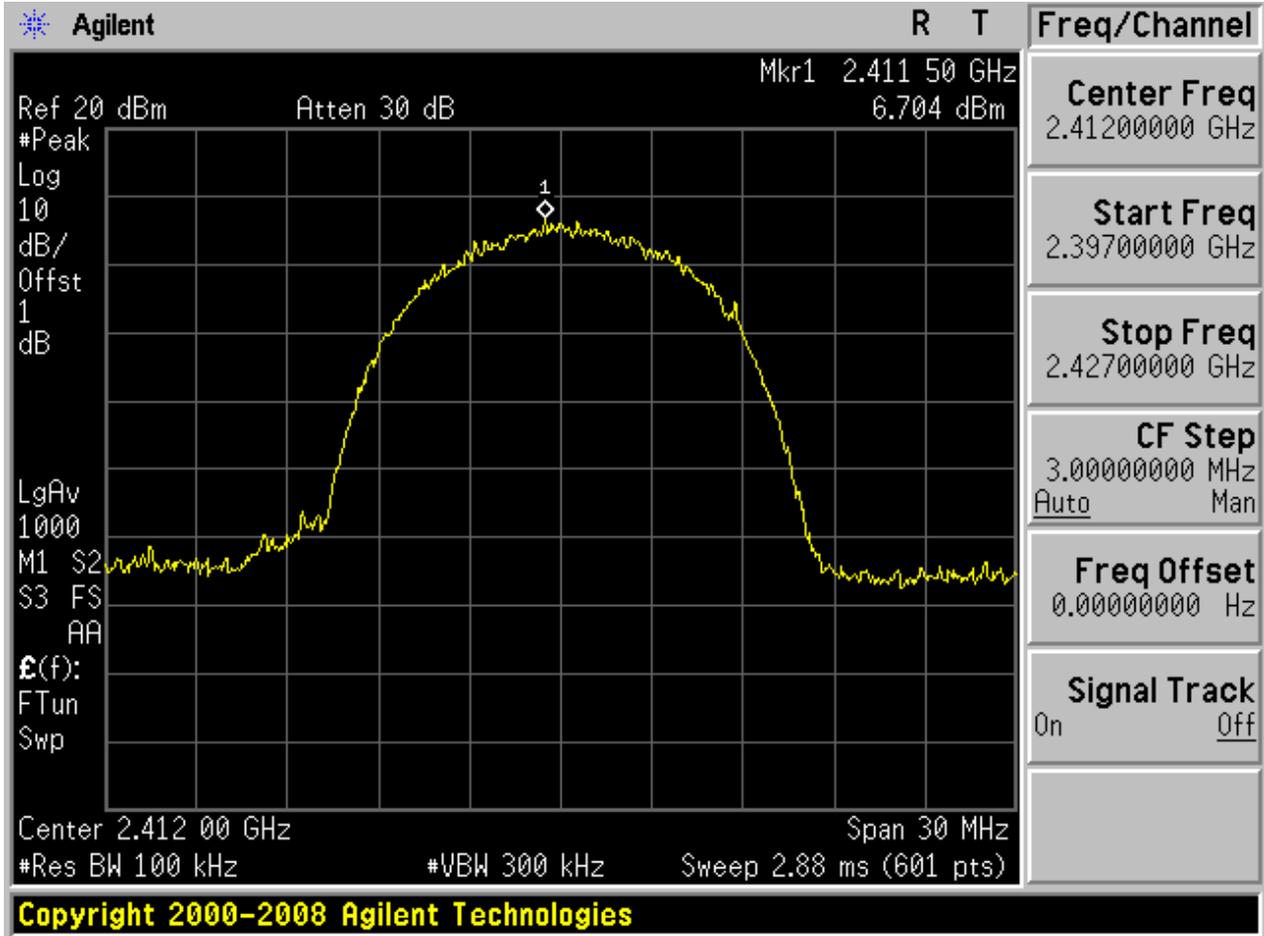
Test Mode	Test Channel	Frequency[MHz]	Ant	Pref[dBm]	Puw[dBm]	Verdict
11N20	H	2452	Ant 2	.92	<limit	pass
11N20m	L	2412	Ant 1	-.08	<limit	pass
11N20m	L	2412	Ant 2	1.24	<limit	pass
11N20m	M	2432	Ant 1	.96	<limit	pass
11N20m	M	2432	Ant 2	1.30	<limit	pass
11N20m	H	2452	Ant 1	.89	<limit	pass
11N20m	H	2452	Ant 2	.94	<limit	pass
11N40	L	2422	Ant 1	-1.75	<limit	pass
11N40	L	2422	Ant 2	-1.21	<limit	pass
11N40	M	2432	Ant 1	-1.49	<limit	pass
11N40	M	2432	Ant 2	-1.25	<limit	pass
11N40	H	2442	Ant 1	-1.34	<limit	pass
11N40	H	2442	Ant 2	-1.45	<limit	pass
11N40m	L	2422	Ant 1	-1.29	<limit	pass
11N40m	L	2422	Ant 2	-1.74	<limit	pass
11N40m	M	2432	Ant 1	-1.33	<limit	pass
11N40m	M	2432	Ant 2	-1.45	<limit	pass
11N40m	H	2442	Ant 1	-1.52	<limit	pass
11N40m	H	2442	Ant 2	-1.32	<limit	pass



Part II - Test Plots

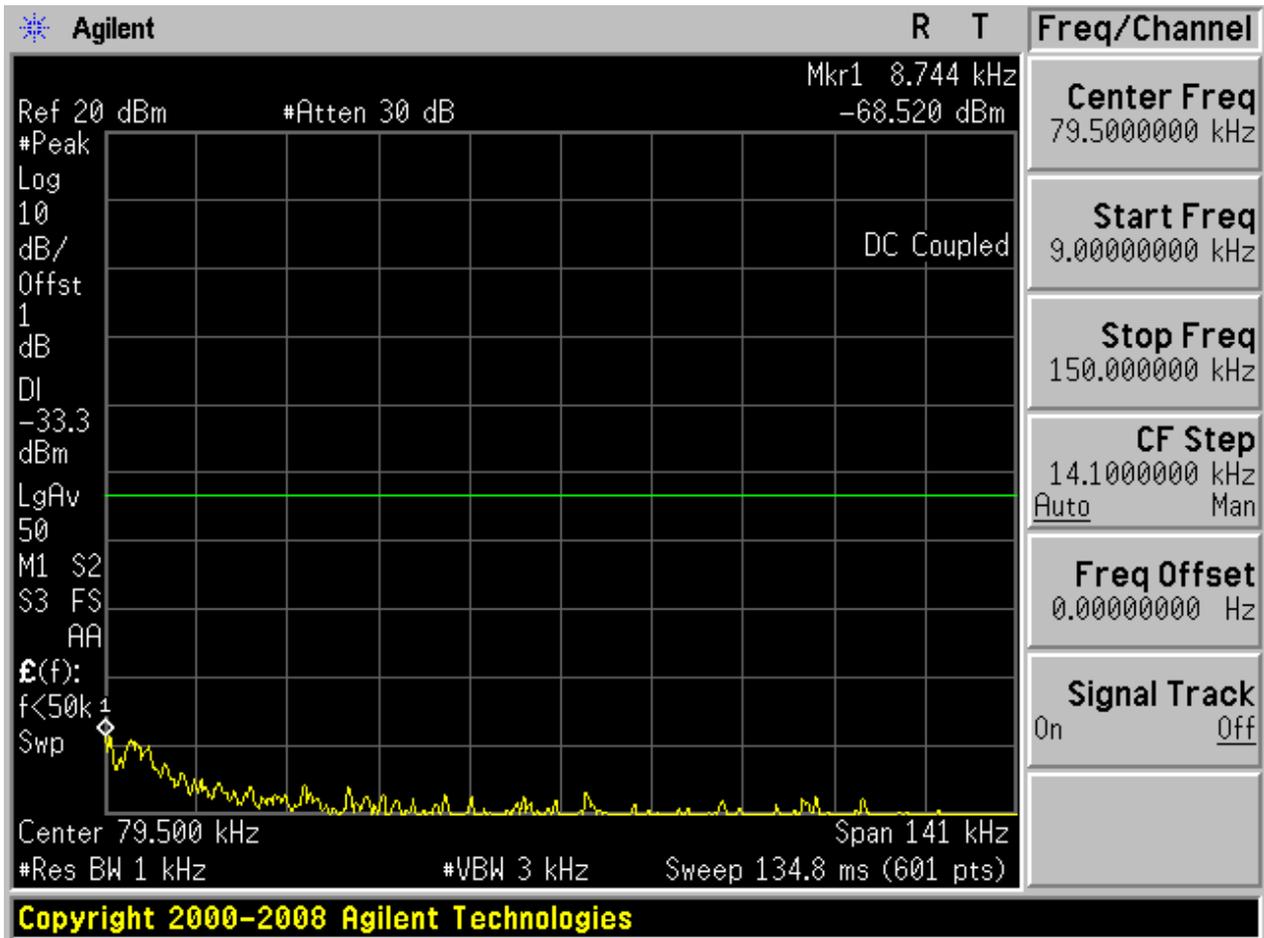
2.1 11B_L@Ant 1

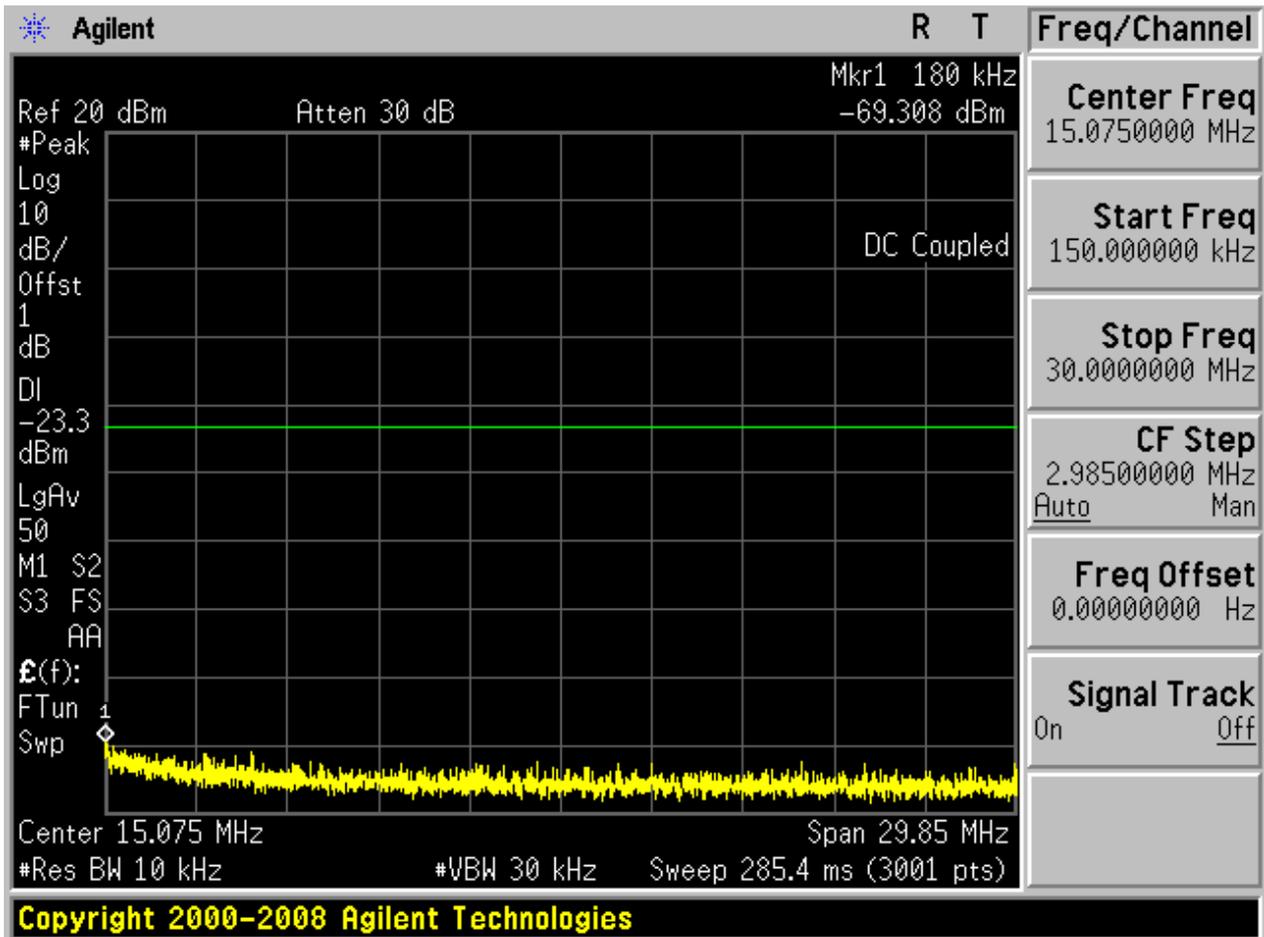
Pref:

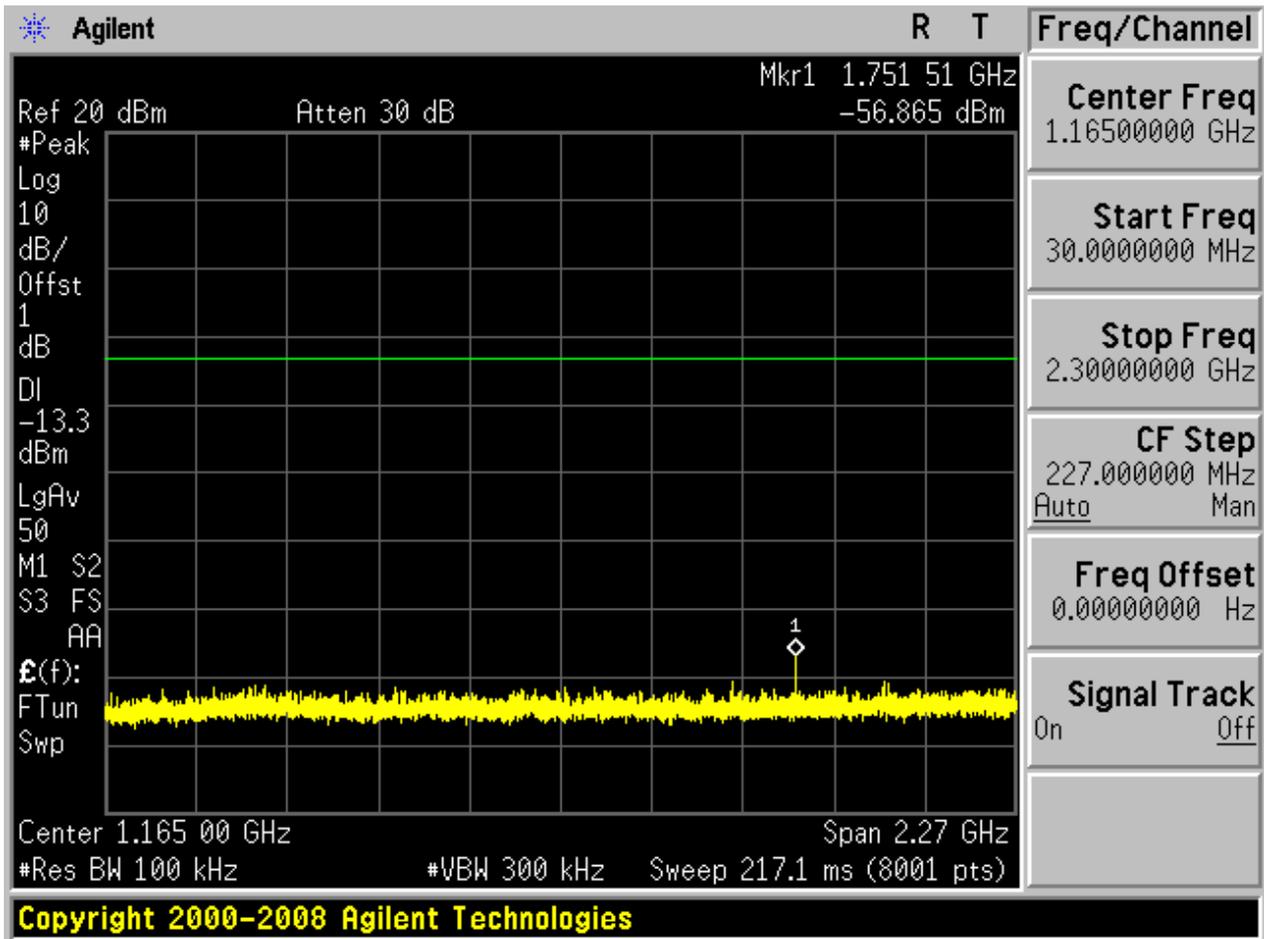


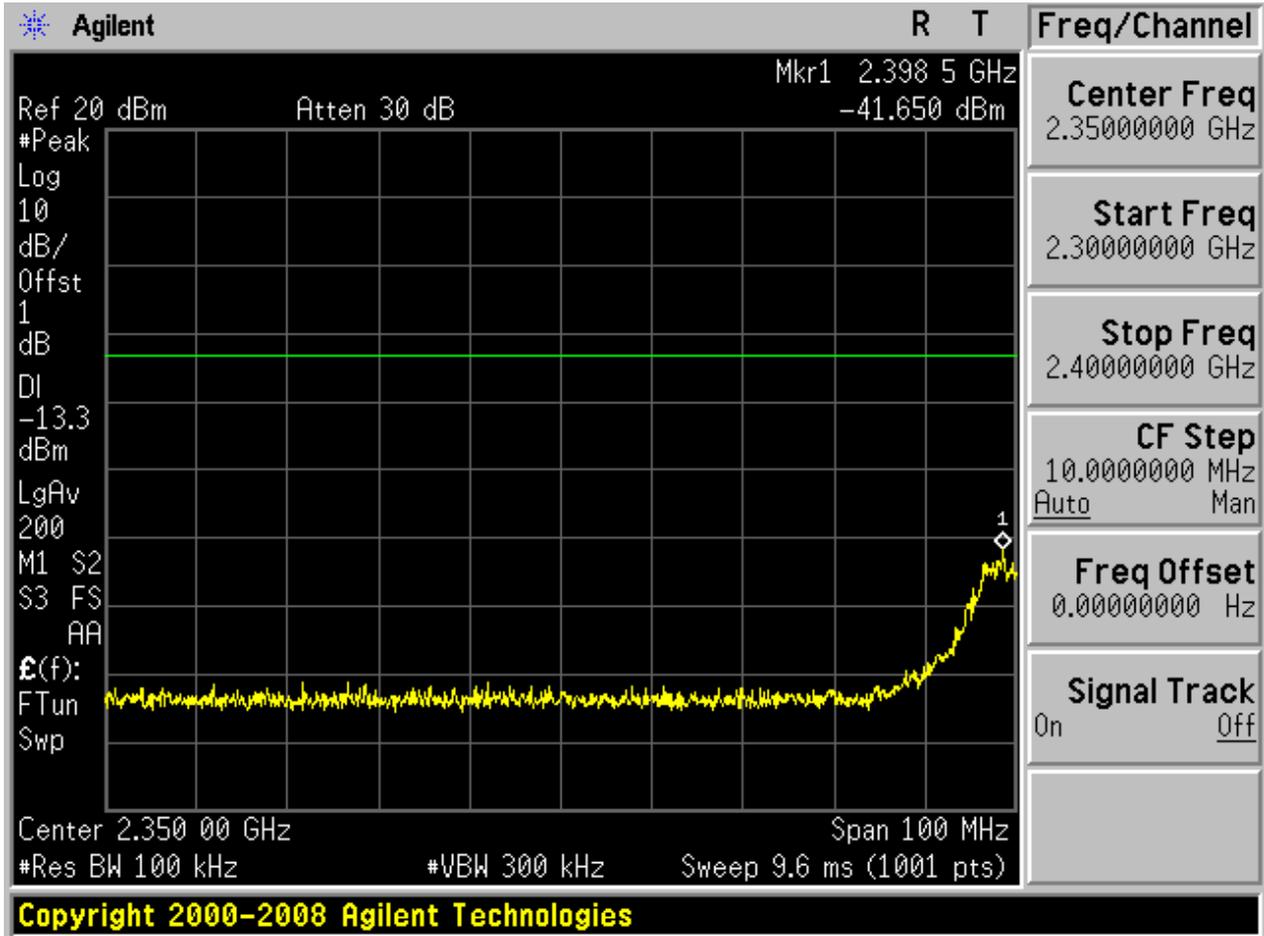


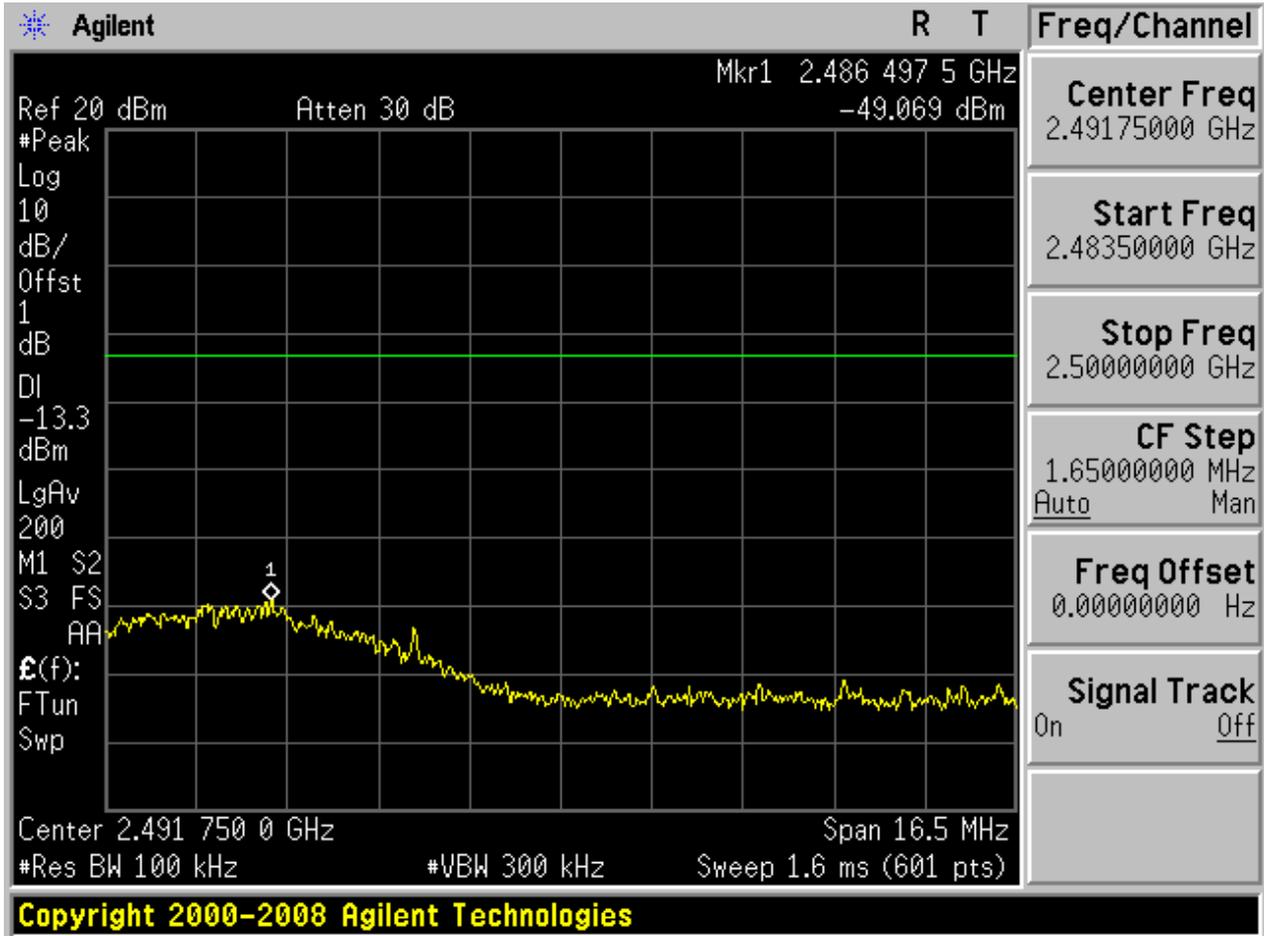
Puw:

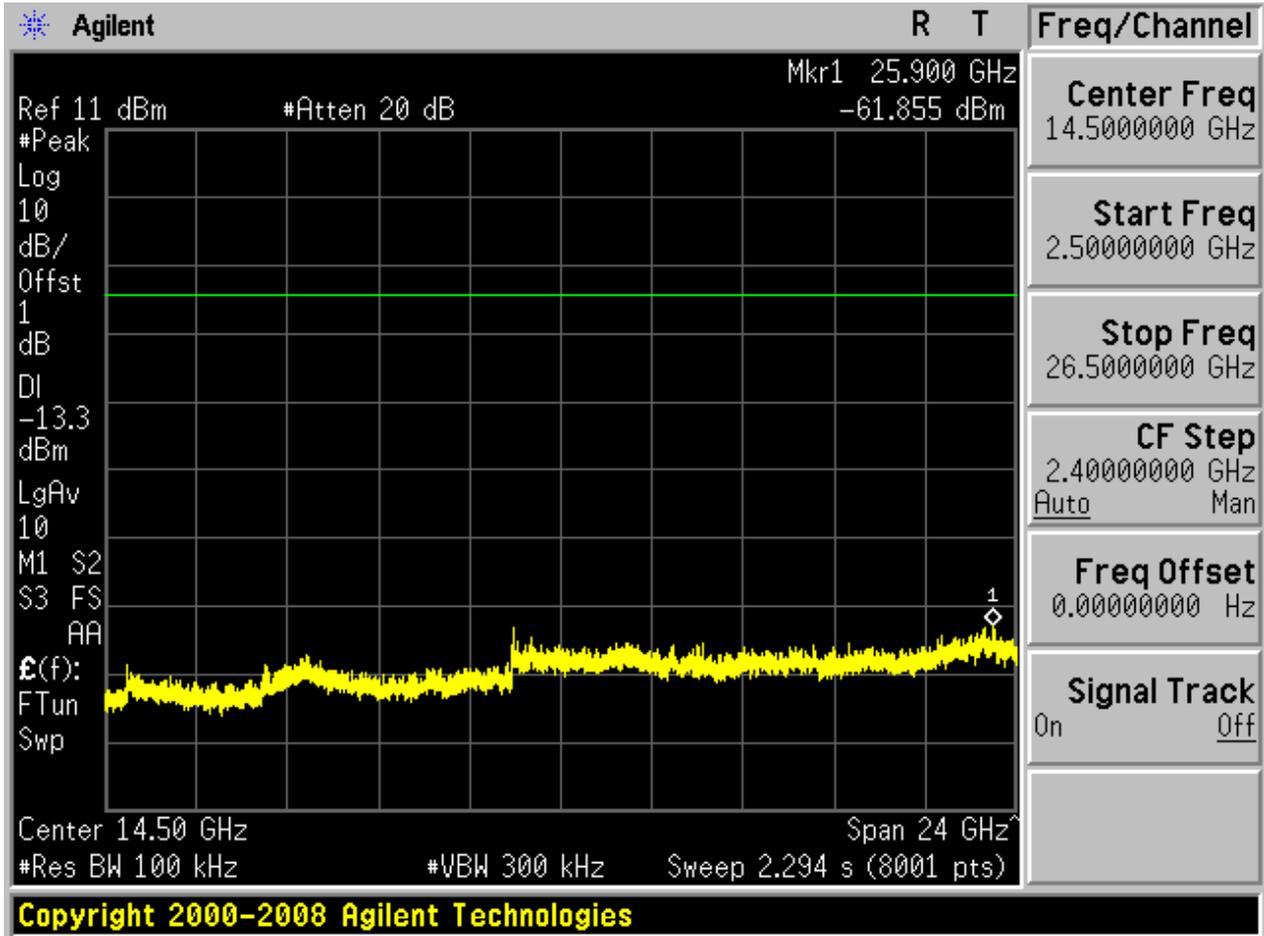








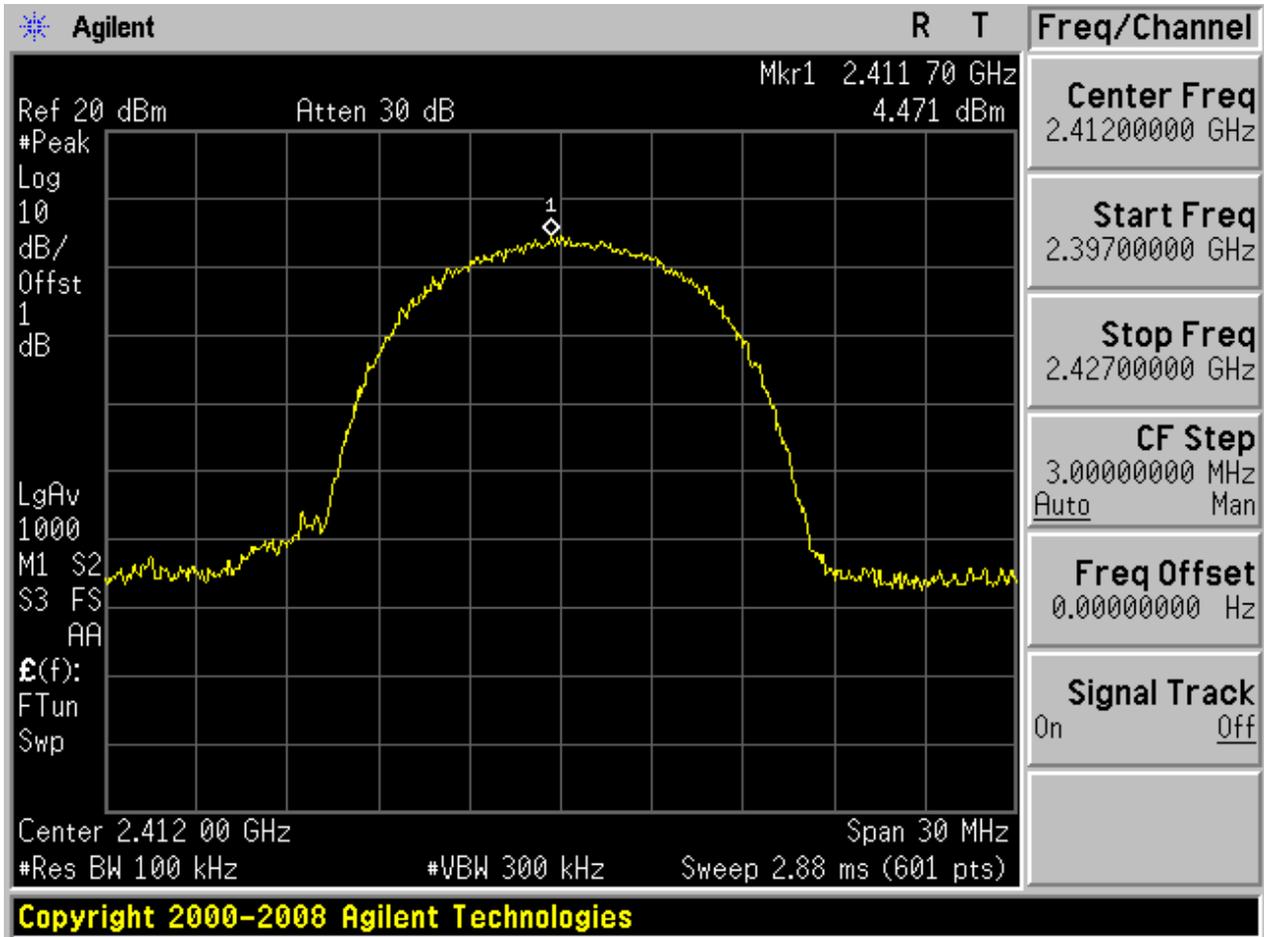






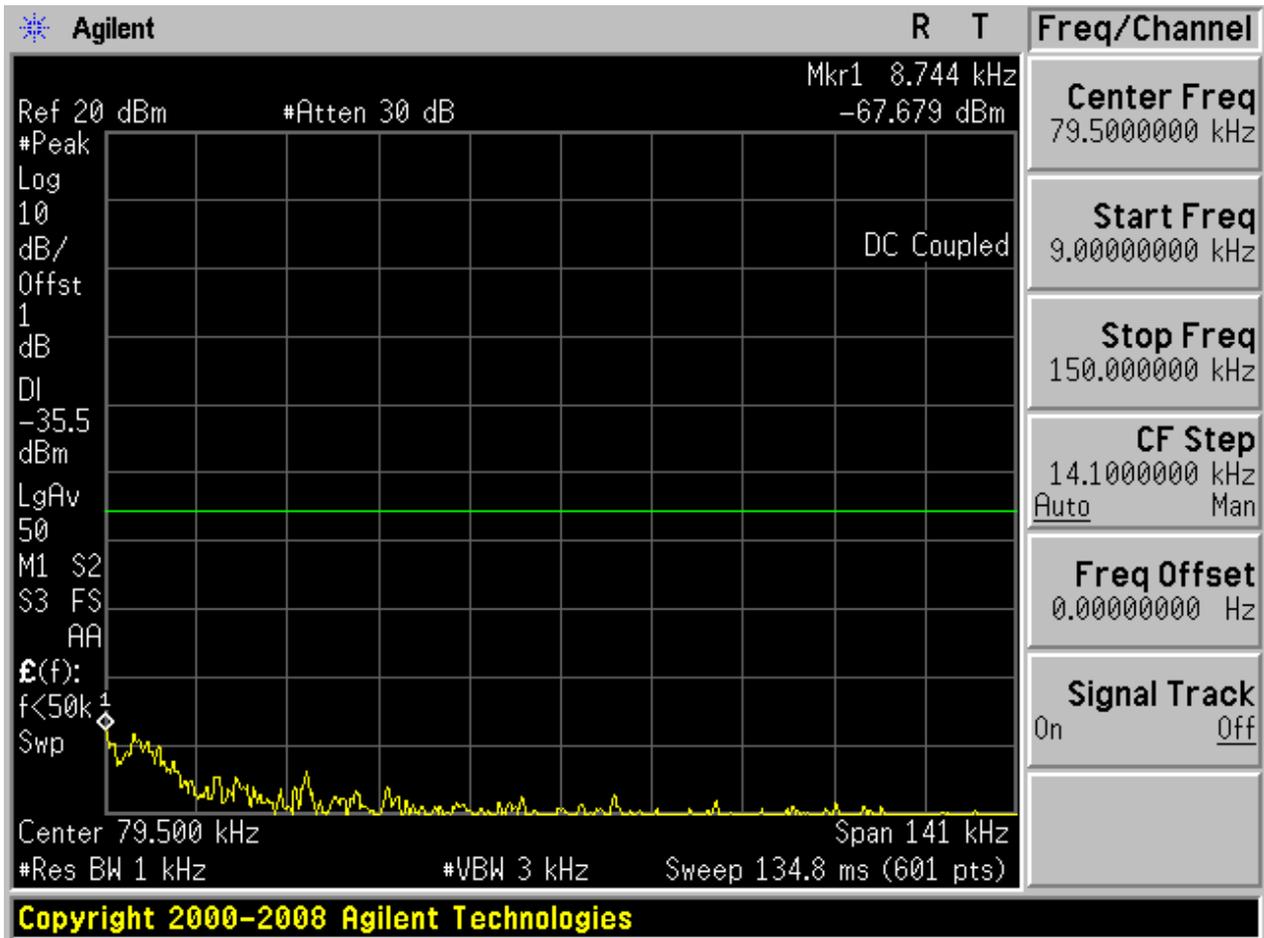
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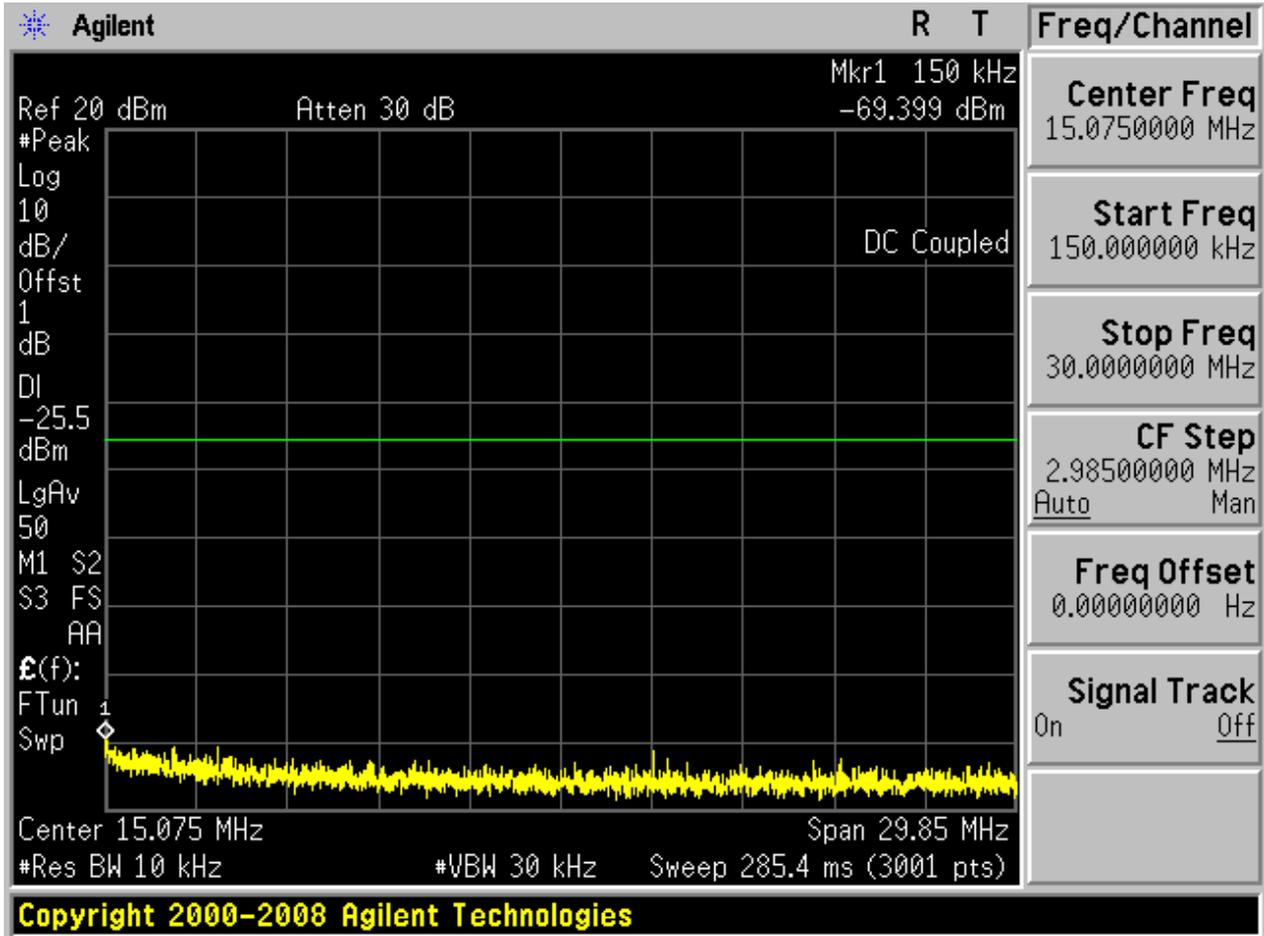
Pref:

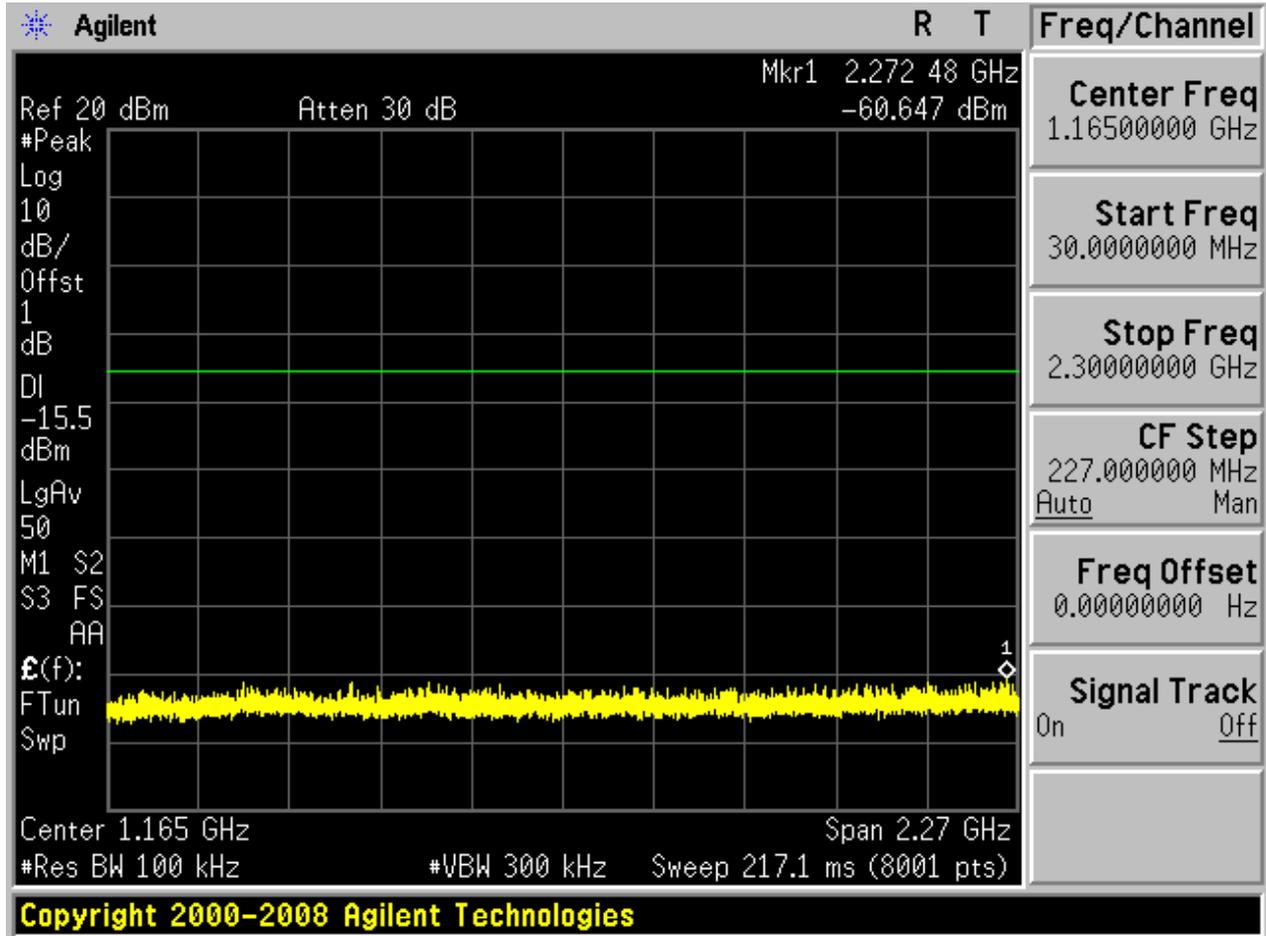


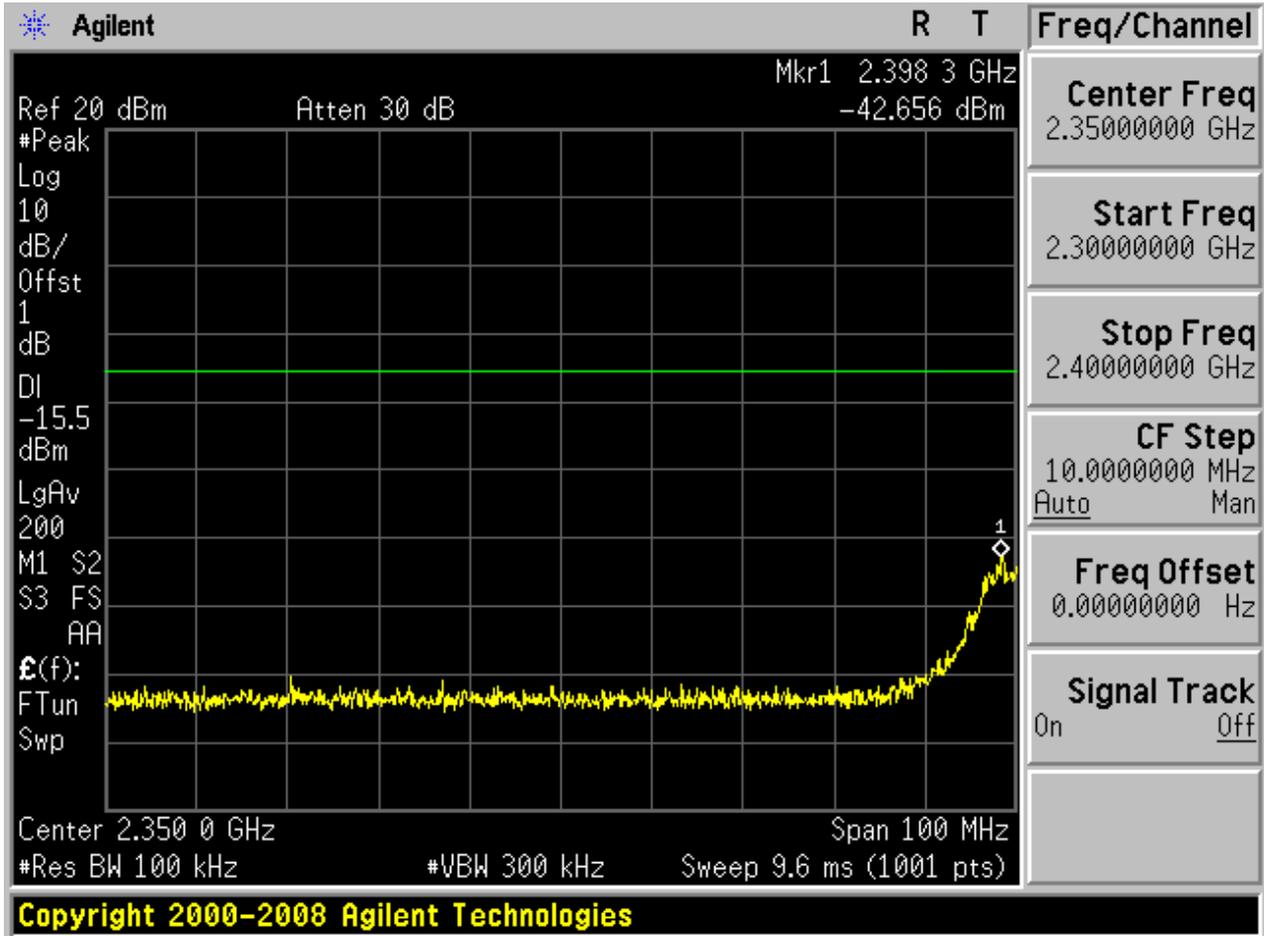


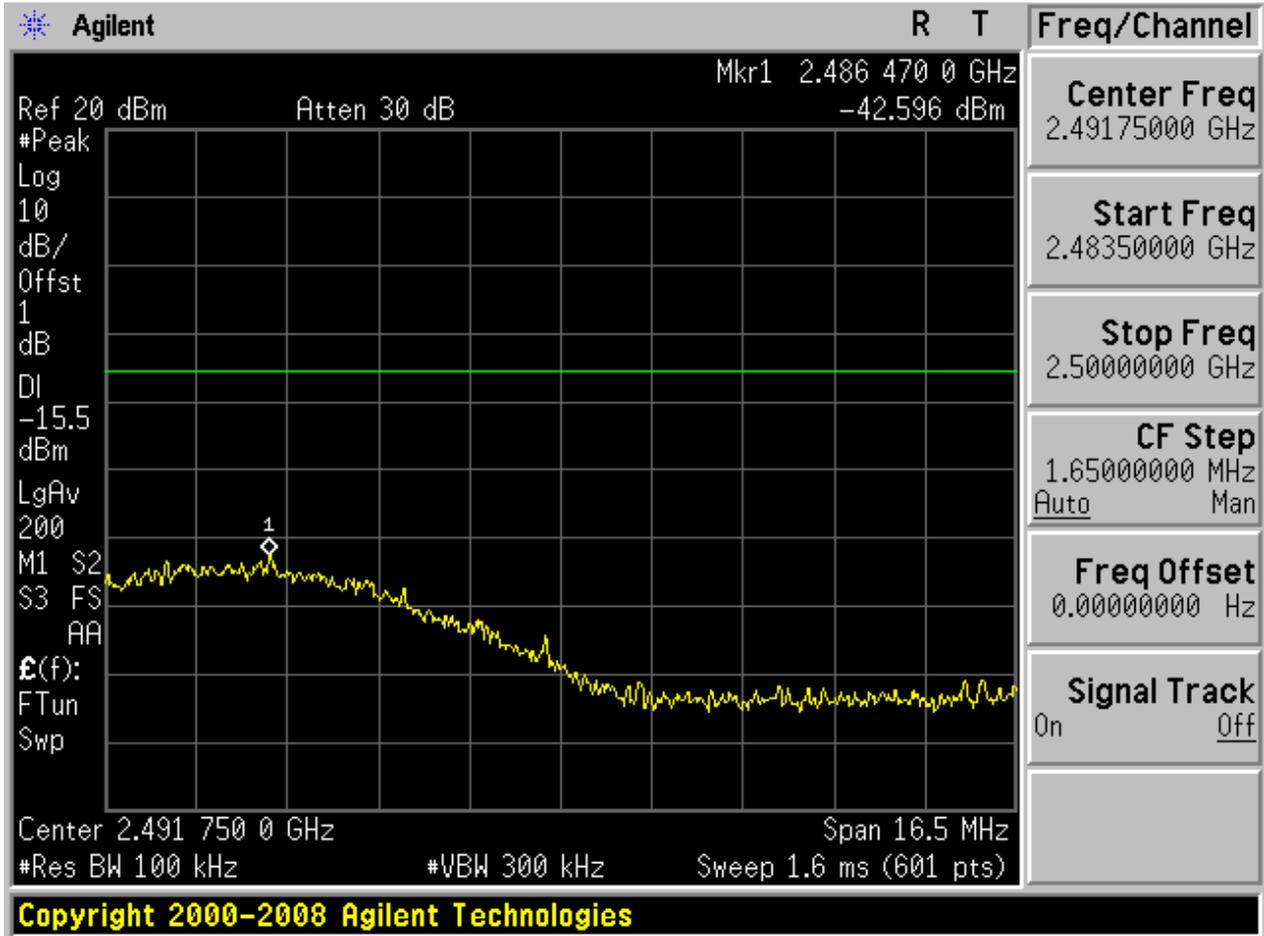
Puw:

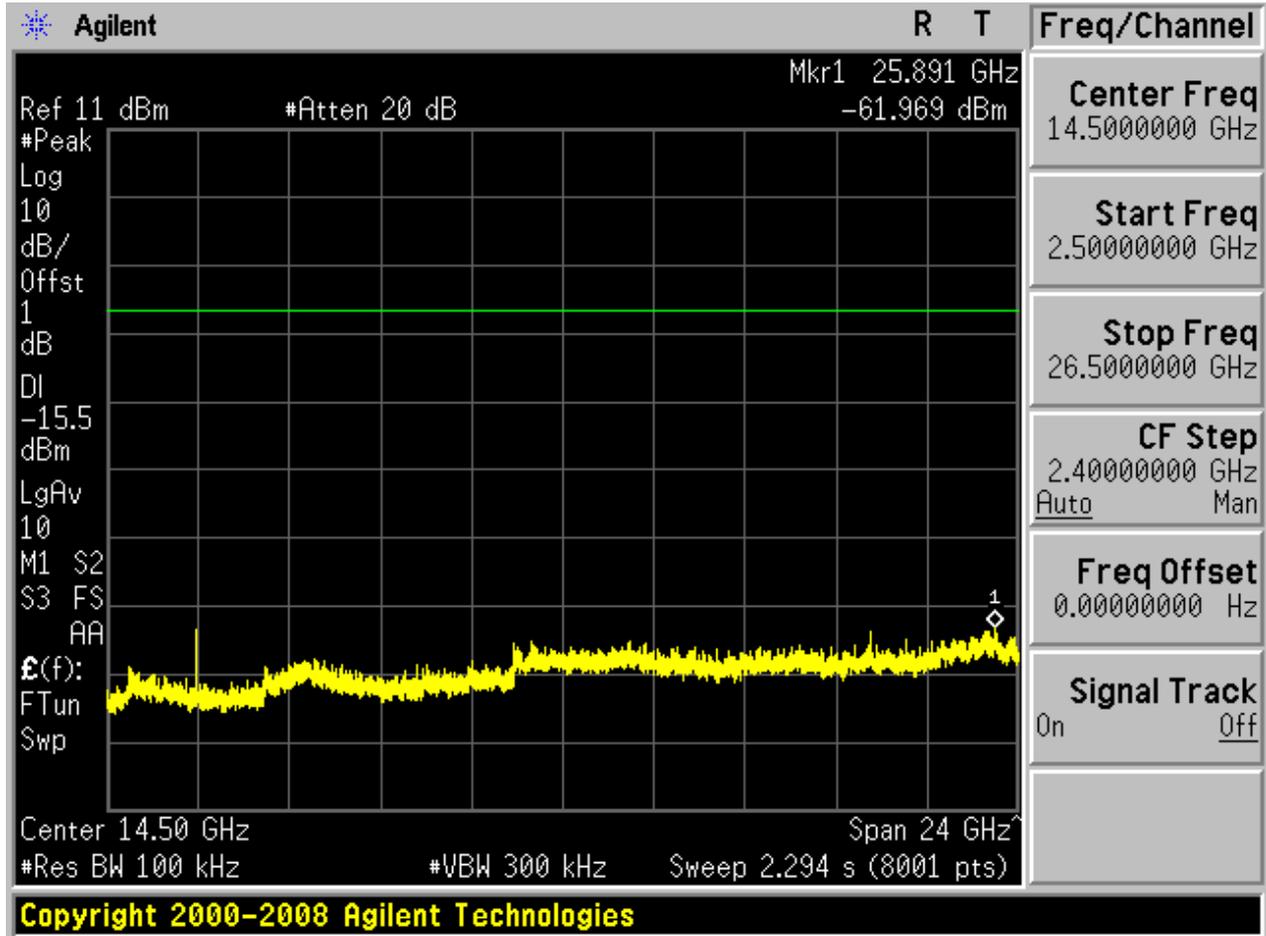








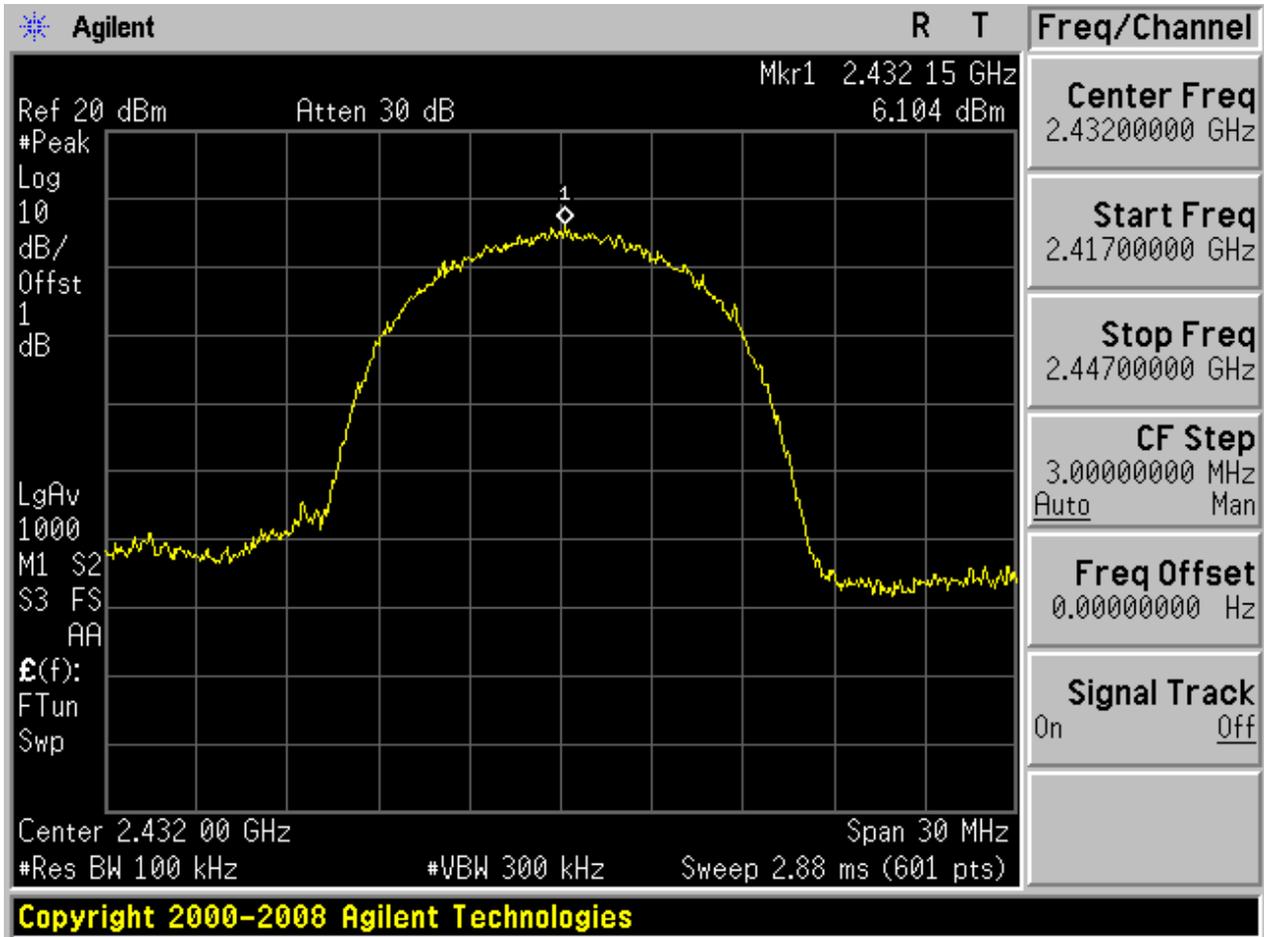






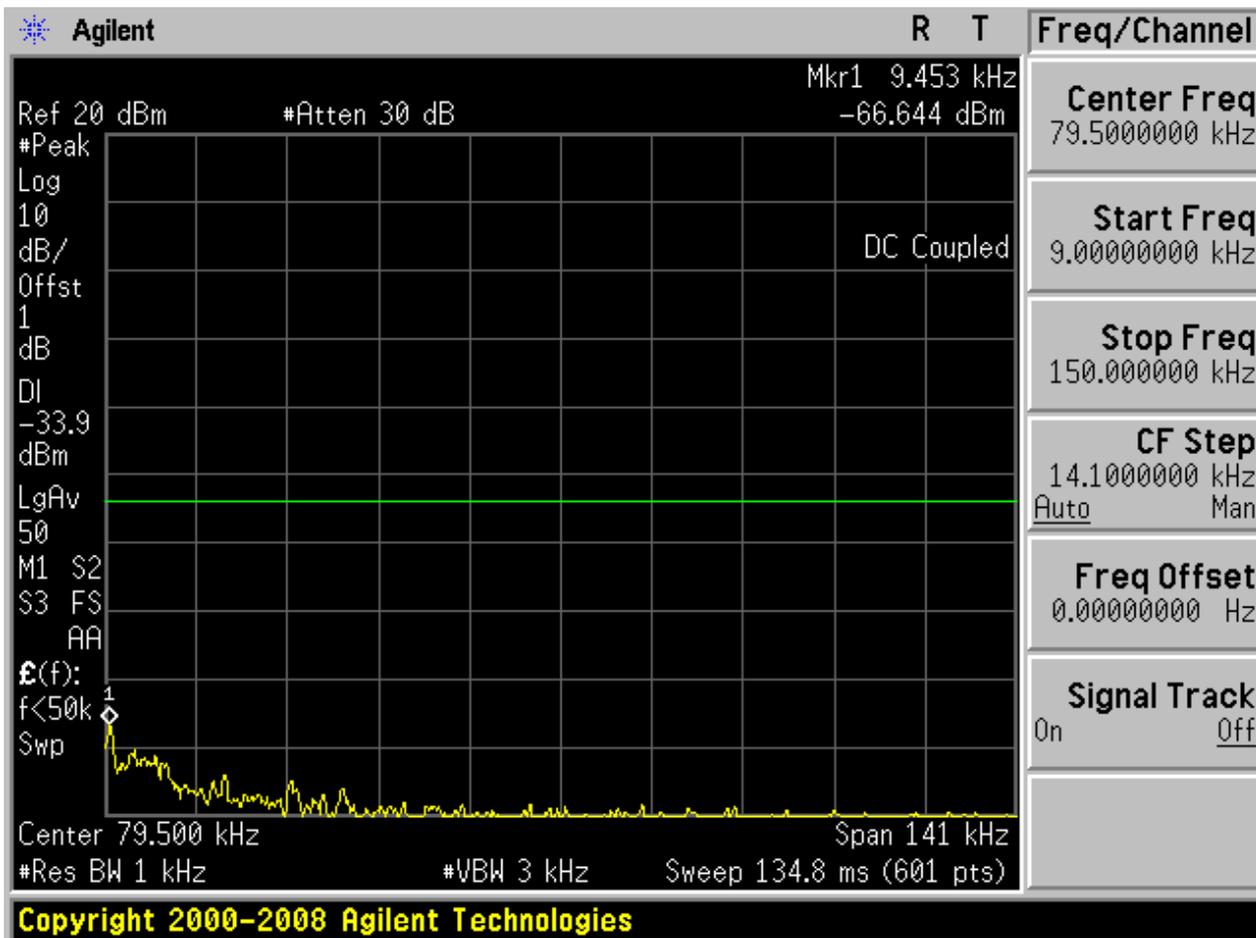
2.3 11B_M@Ant 1

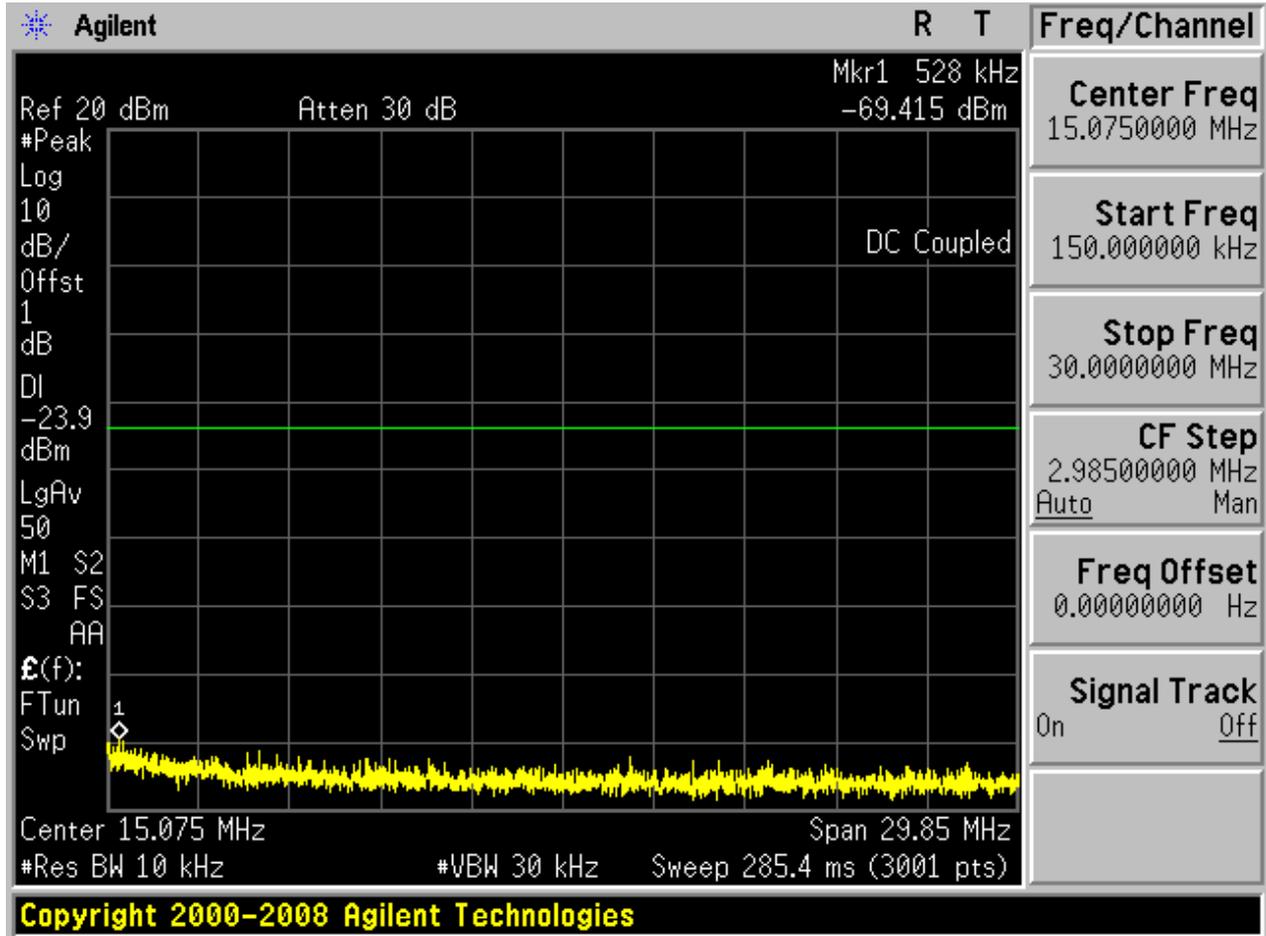
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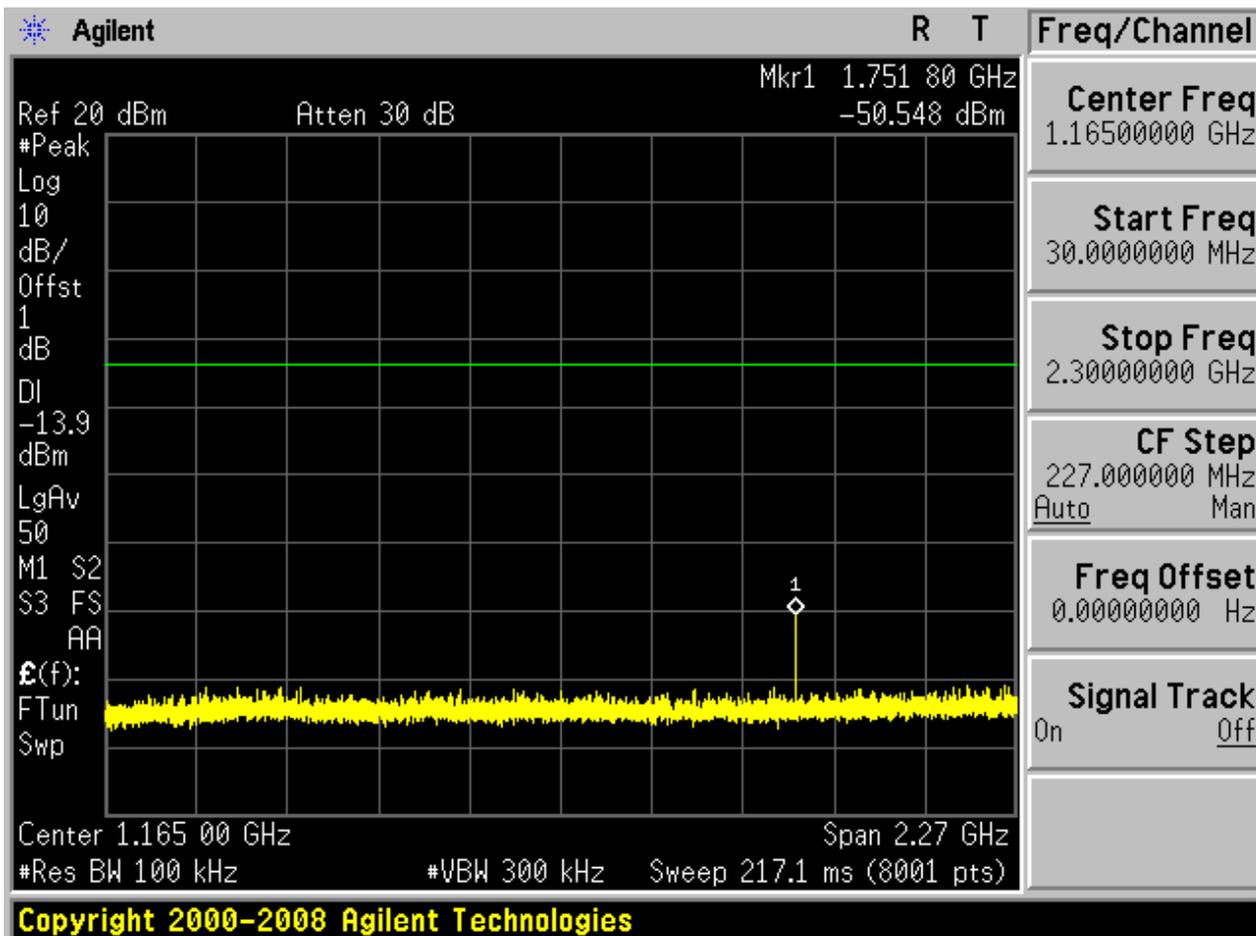


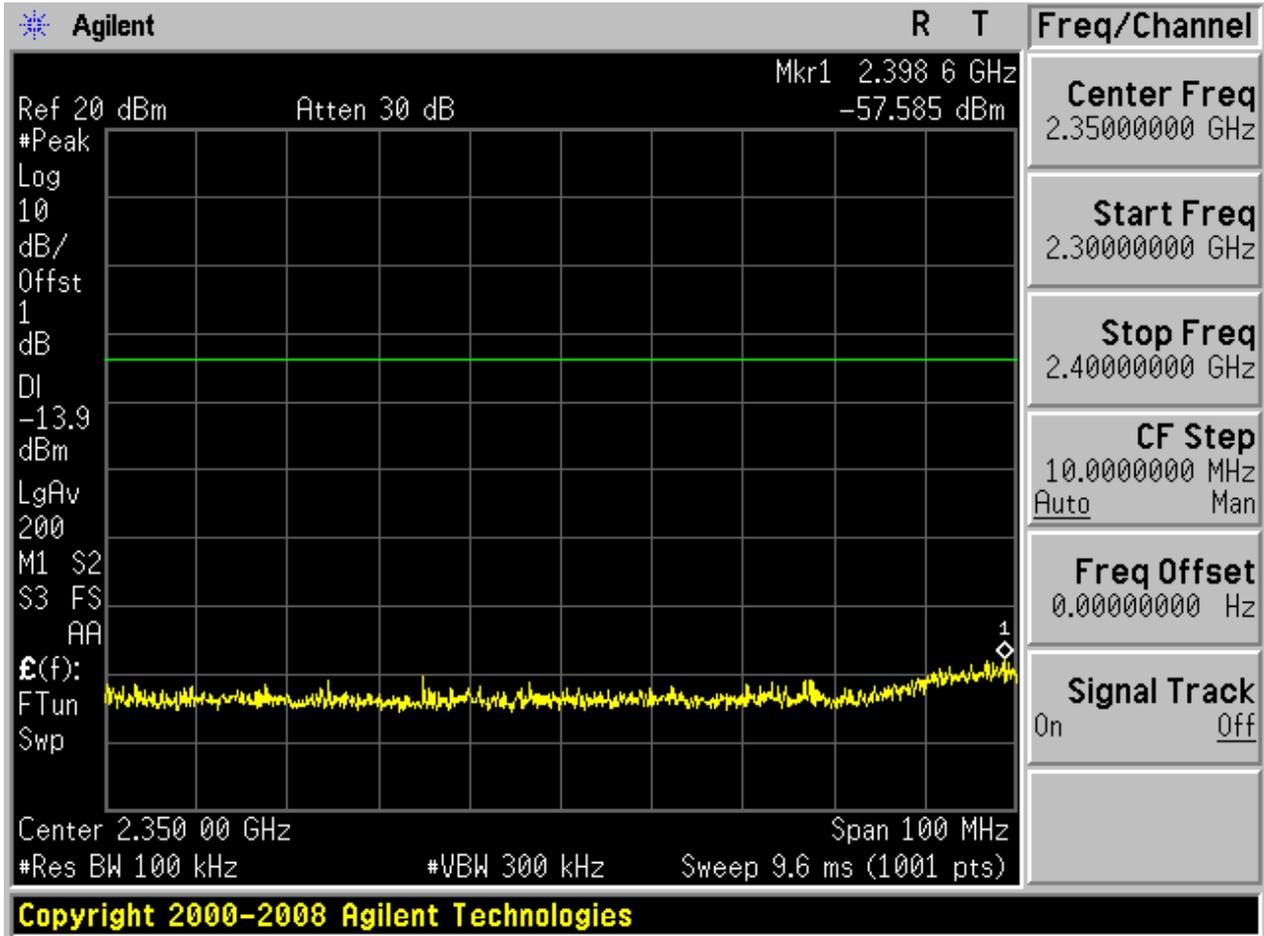


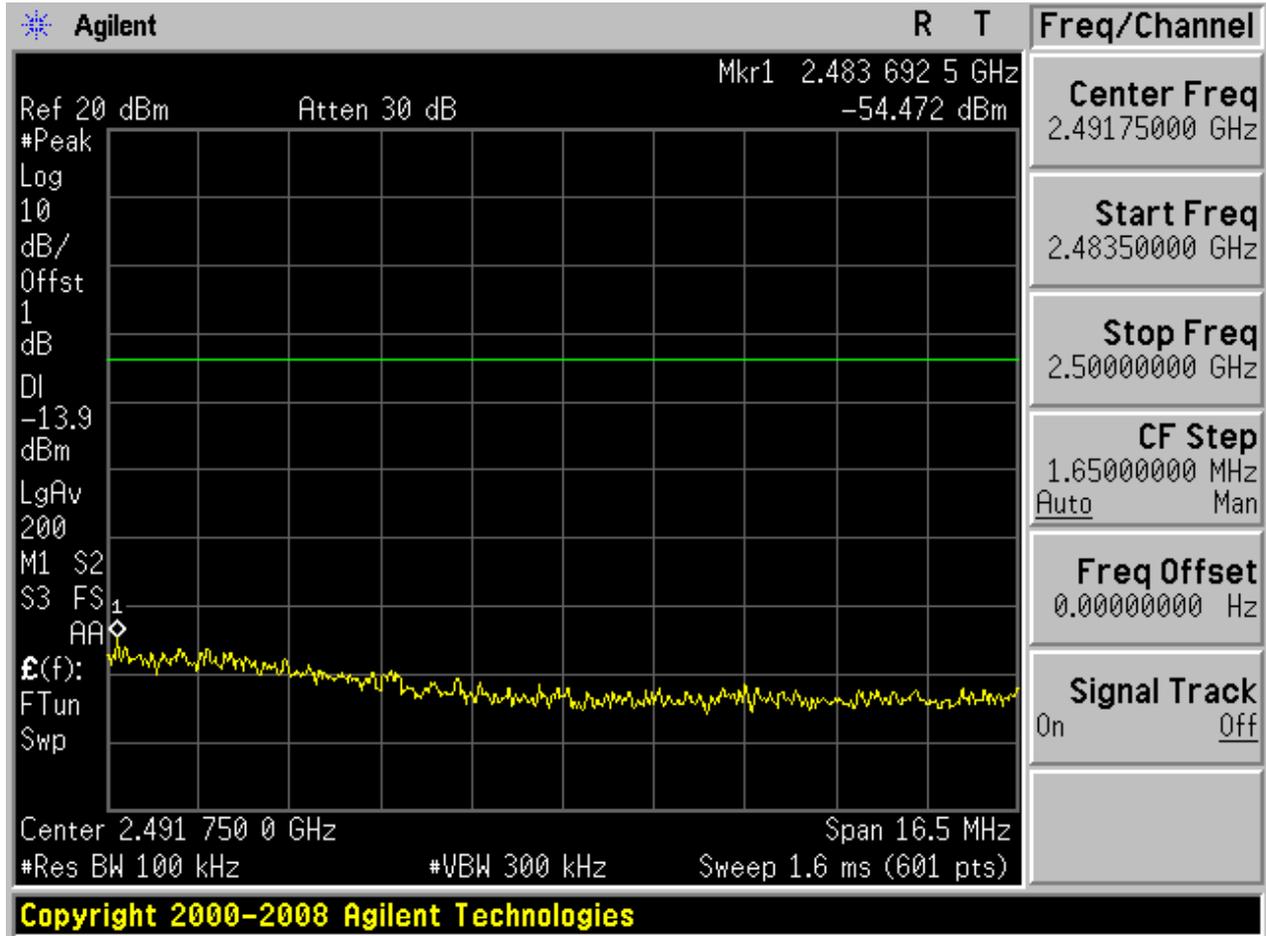
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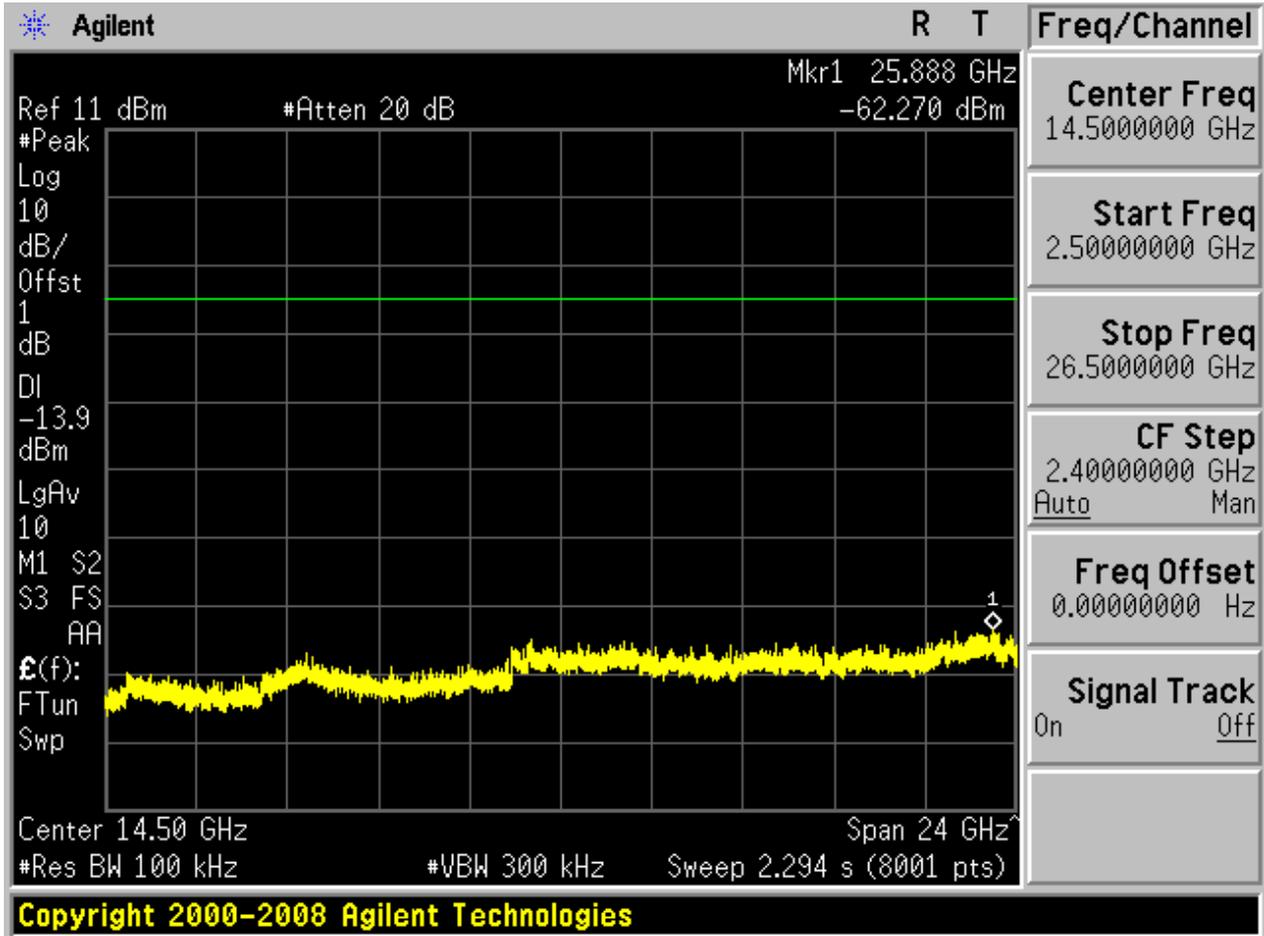








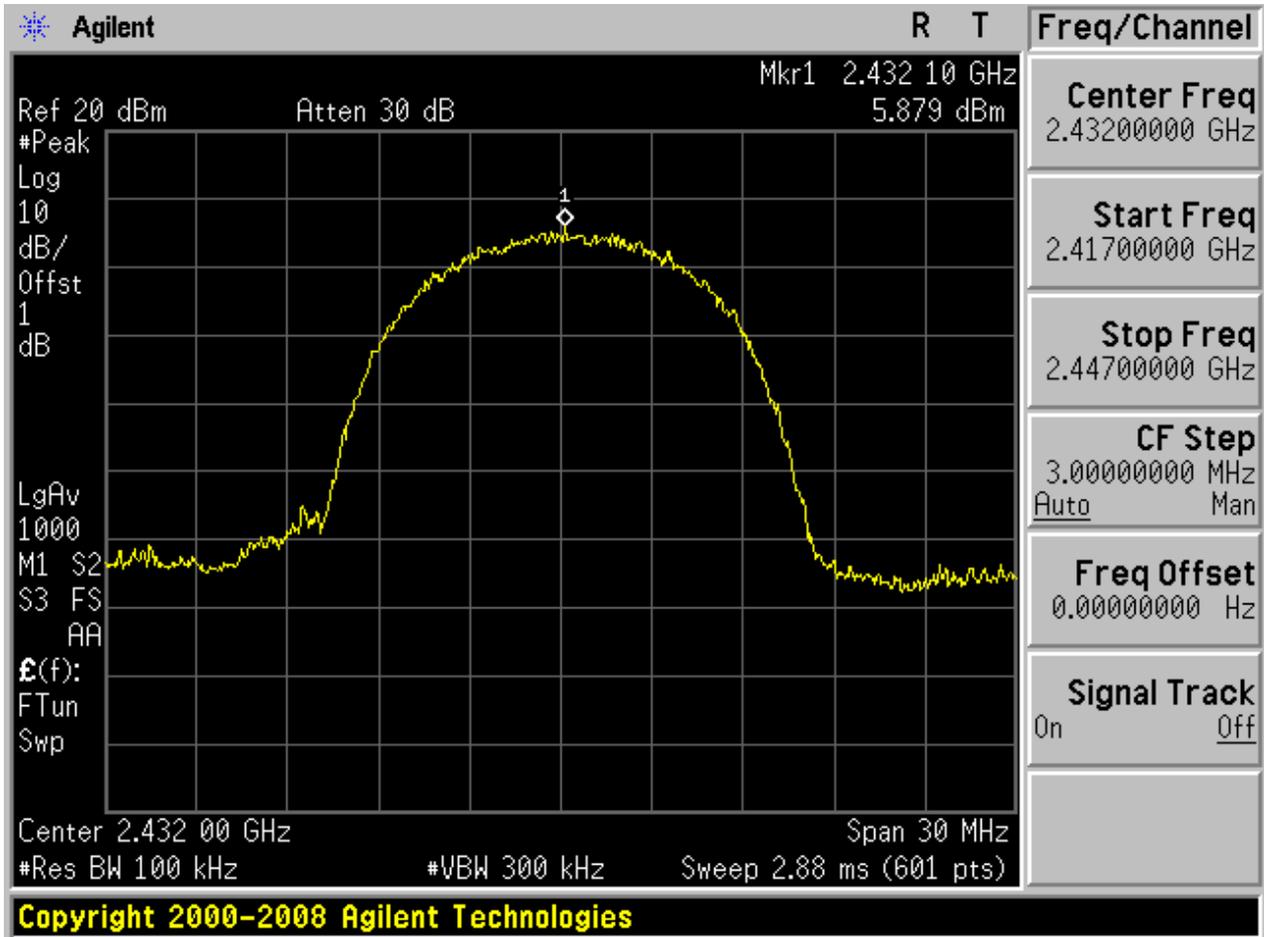






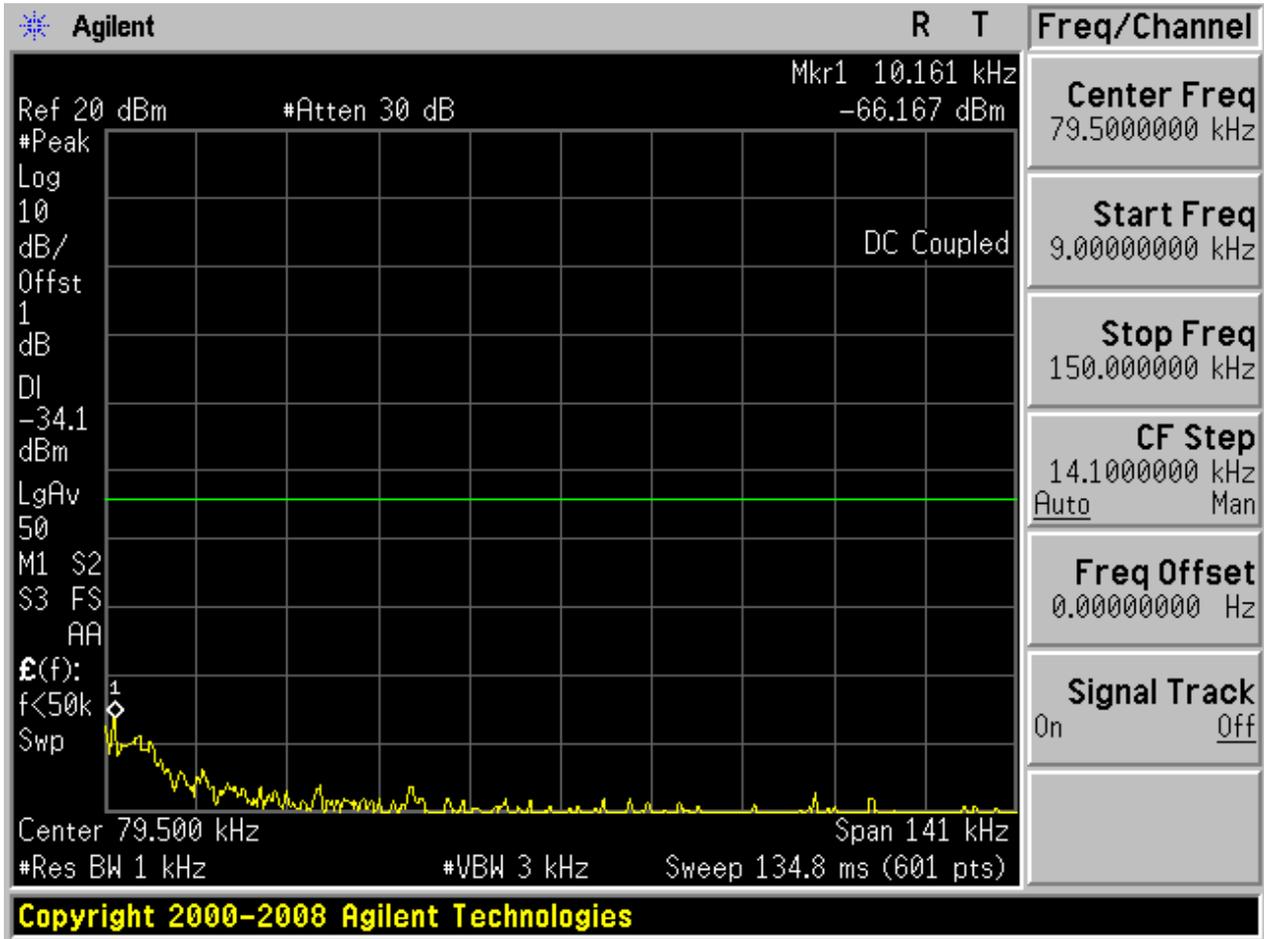
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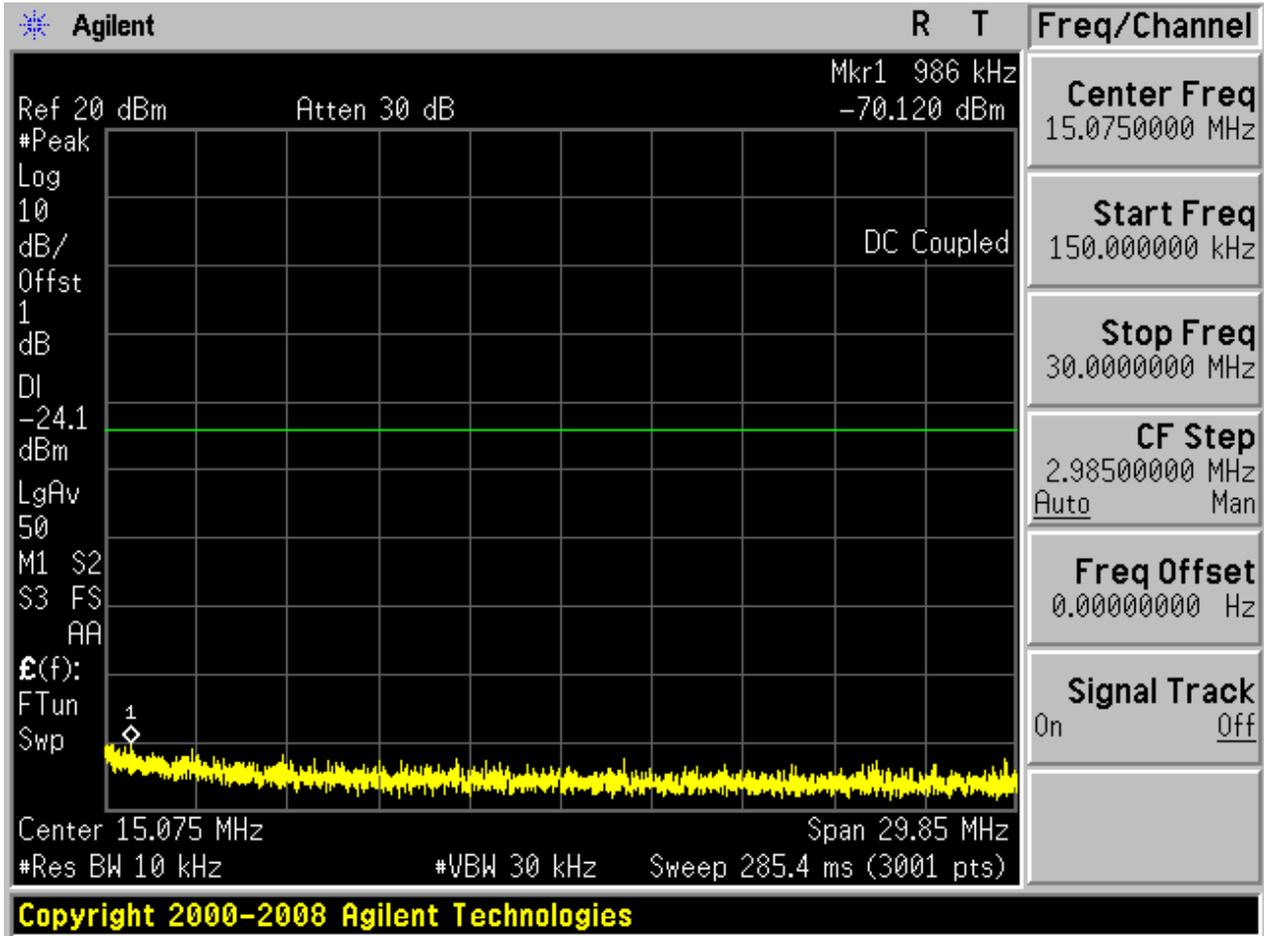
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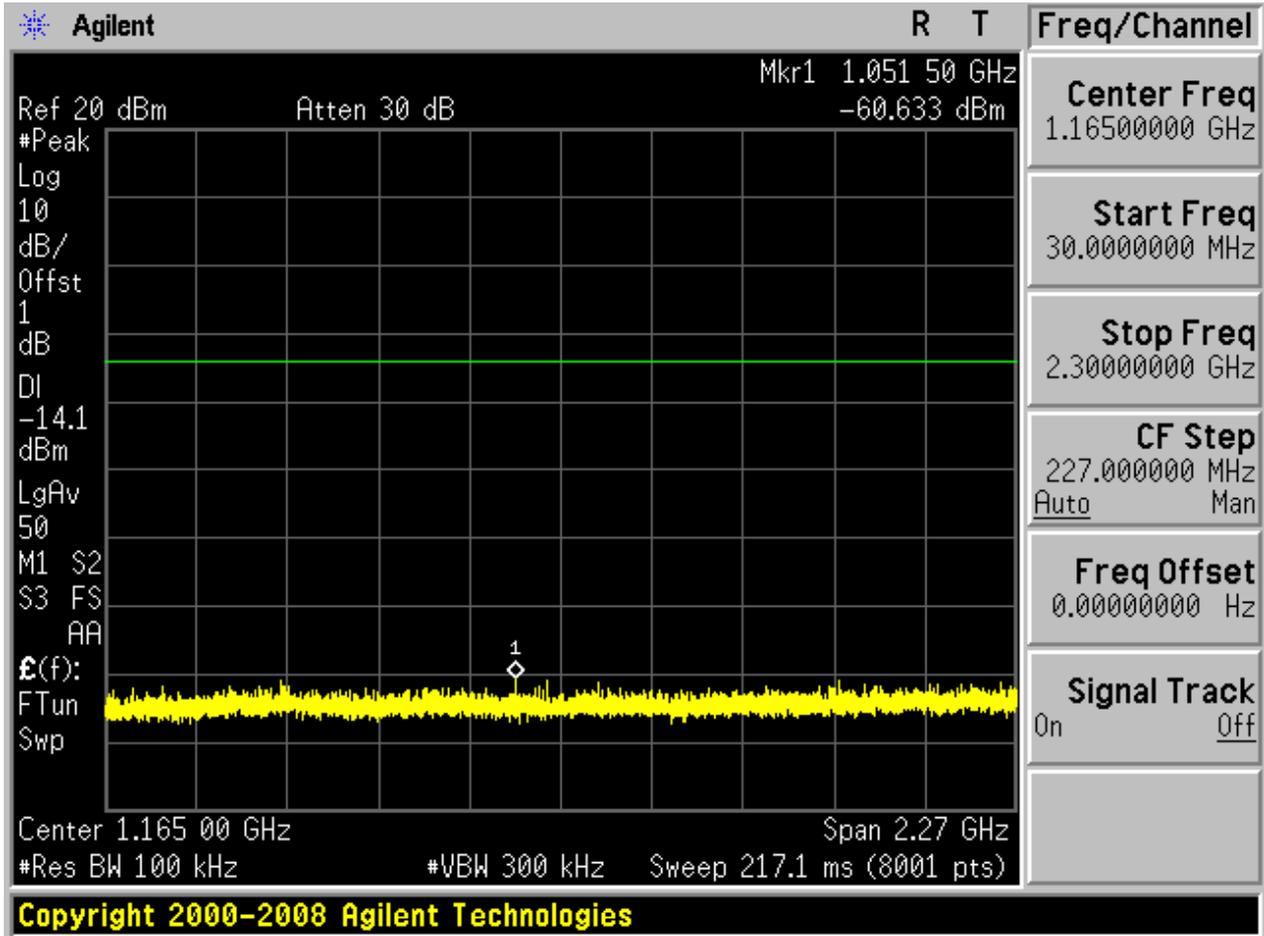


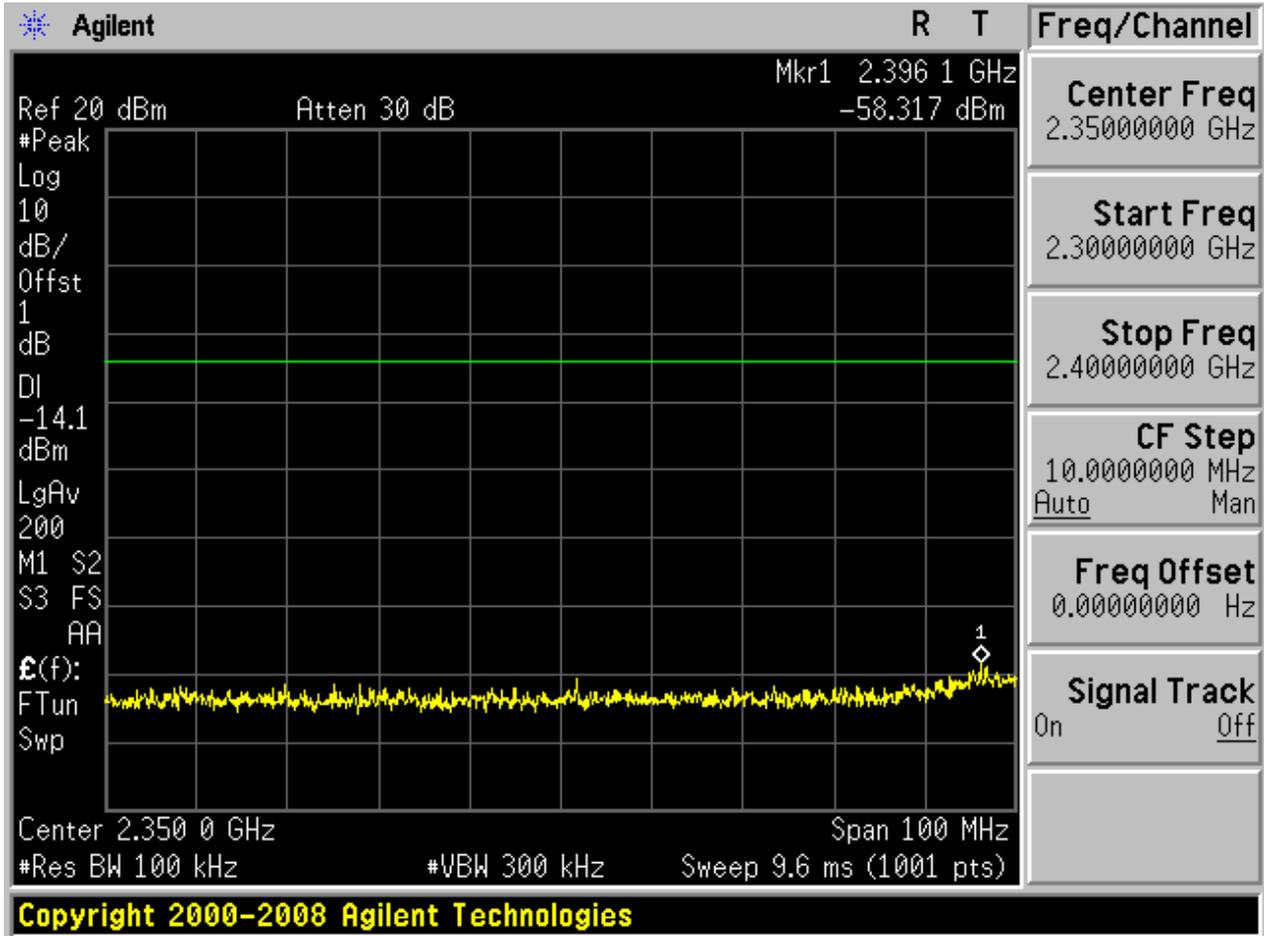


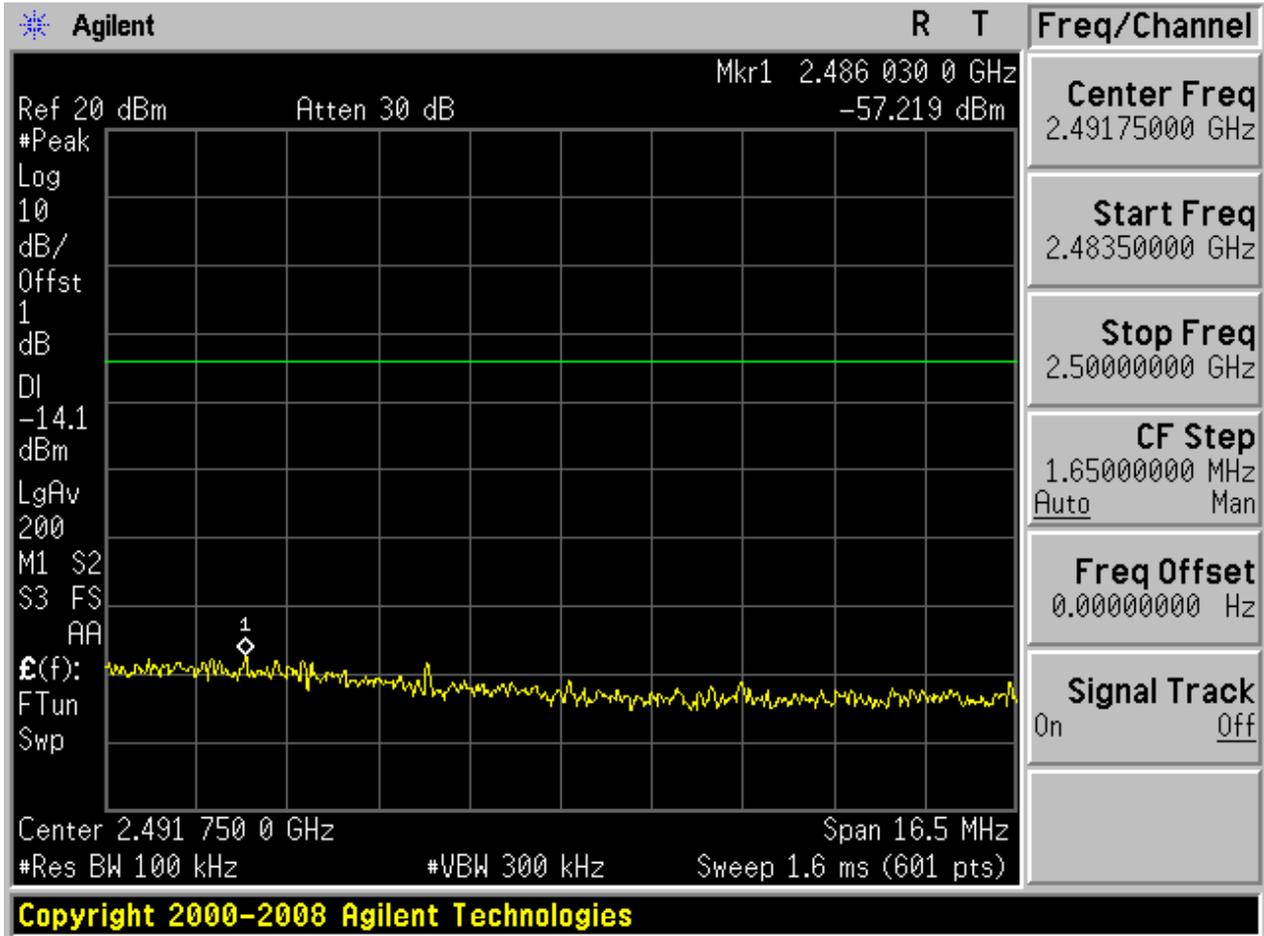
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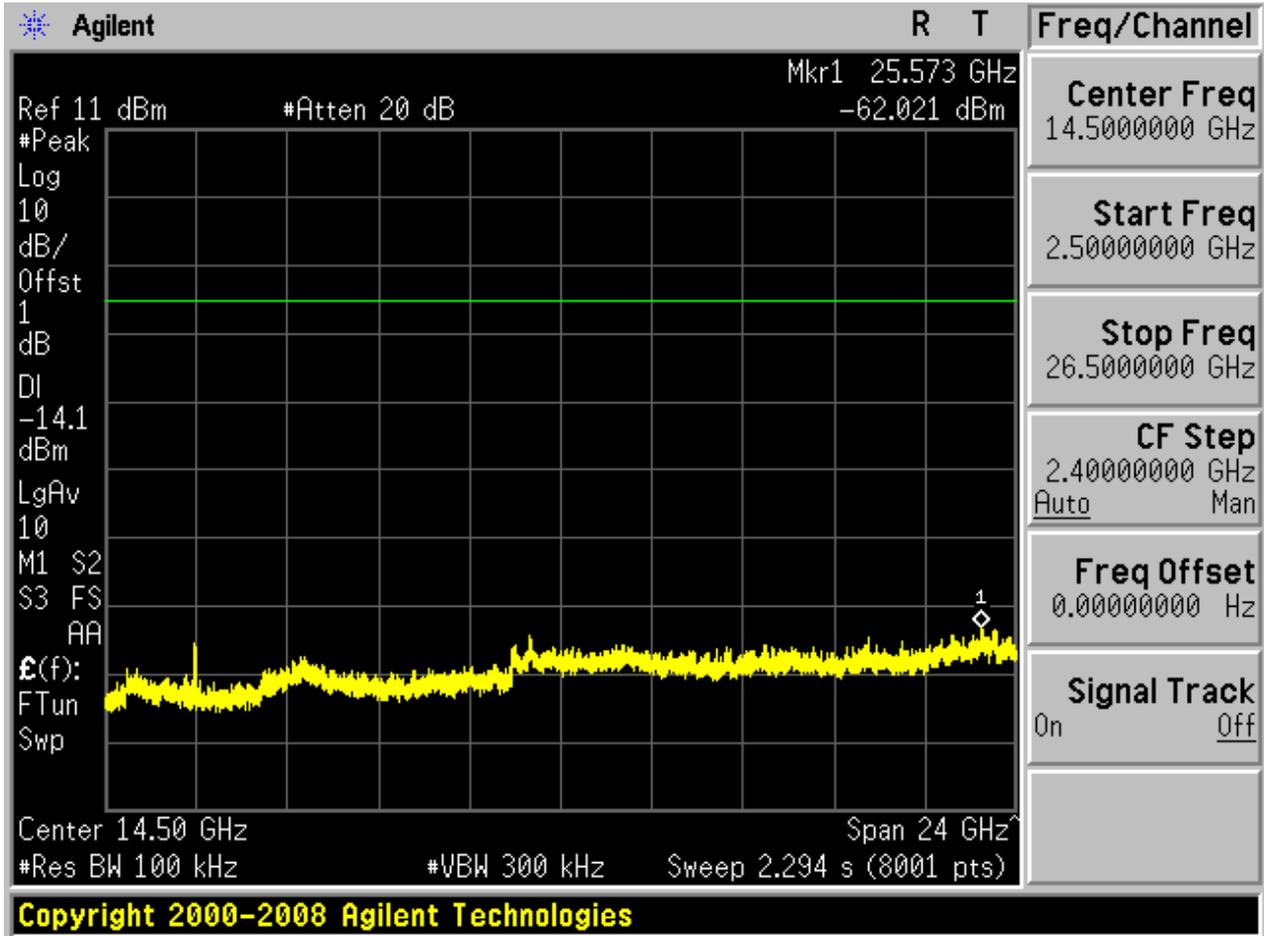








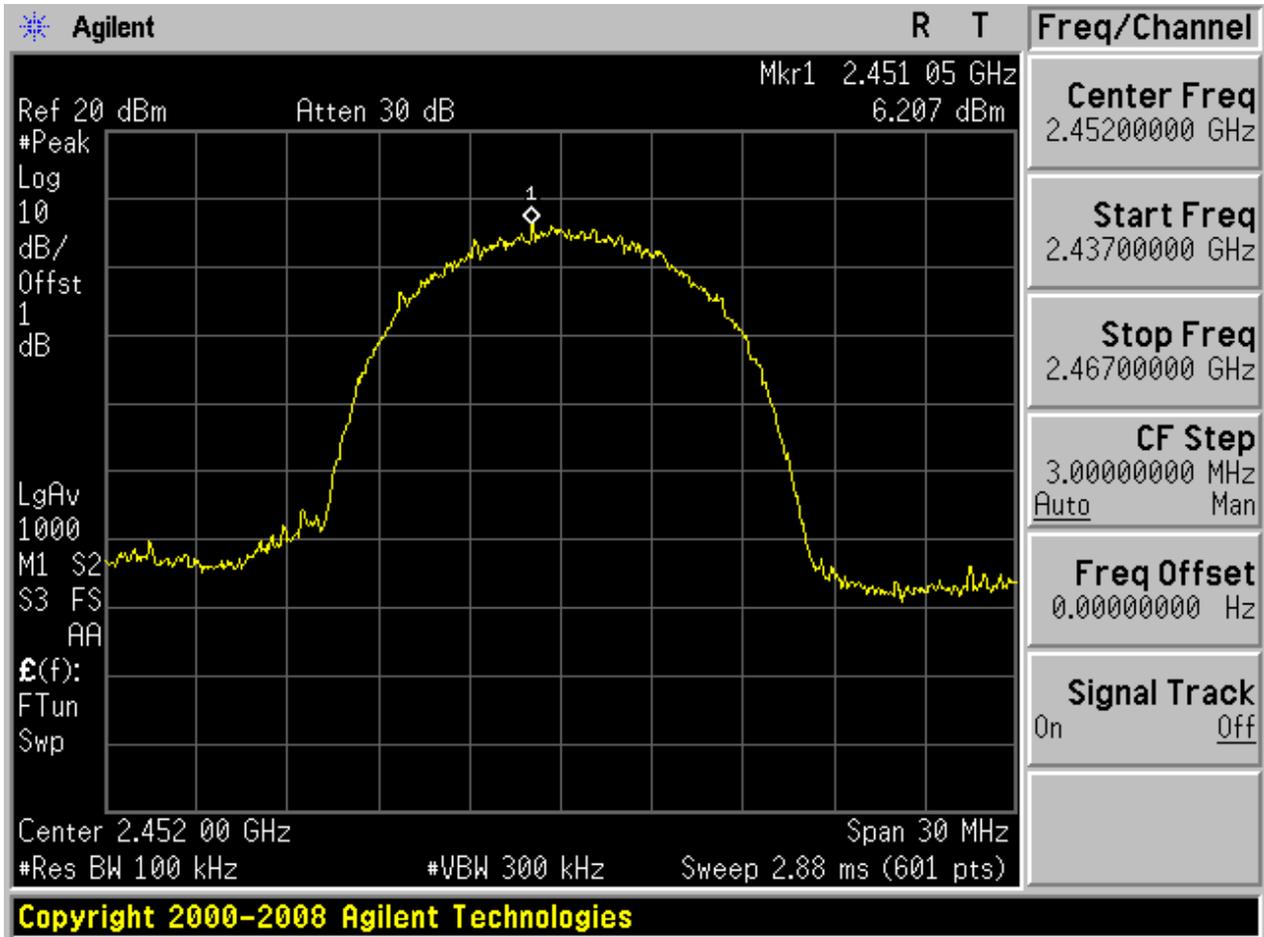






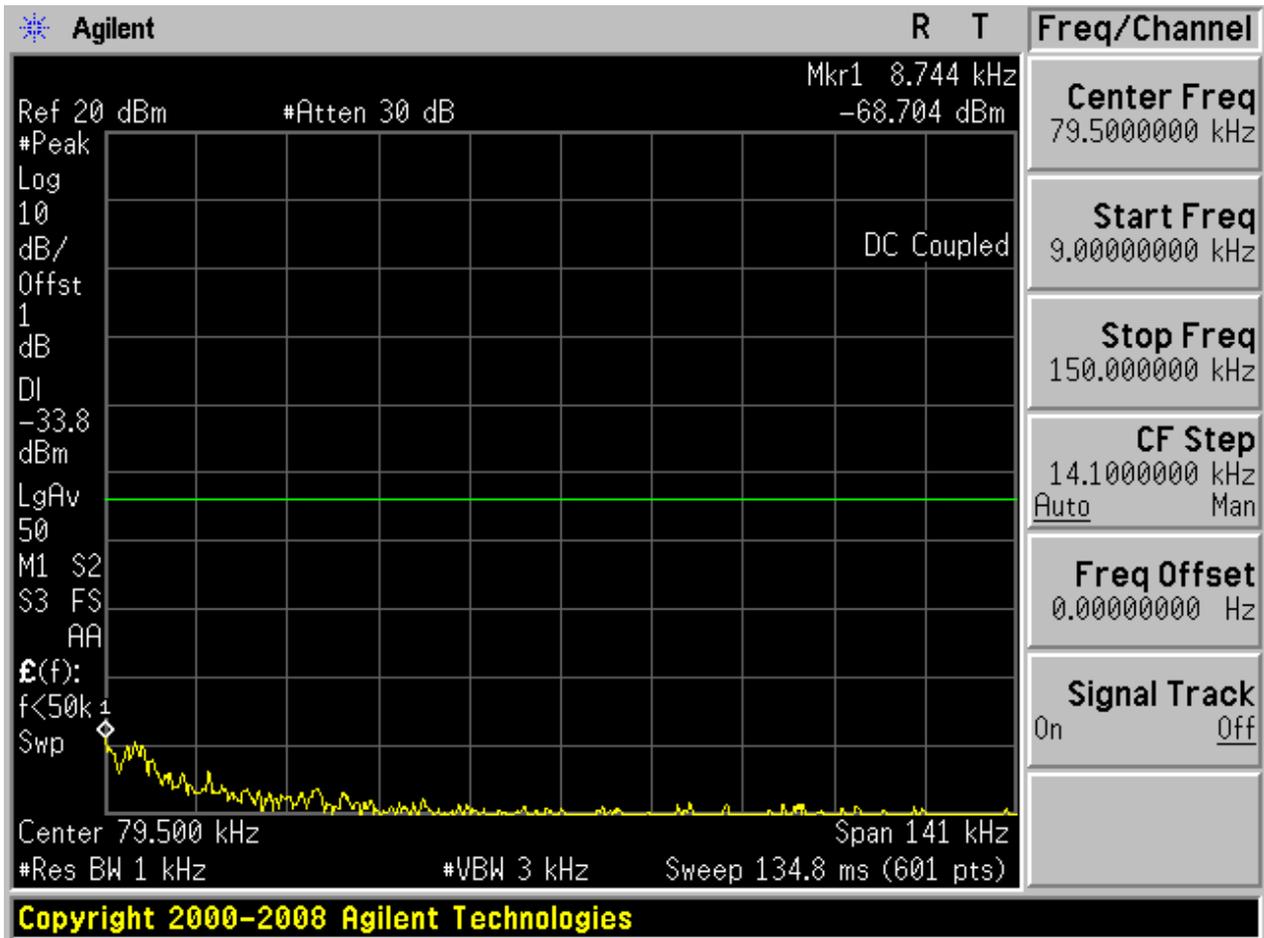
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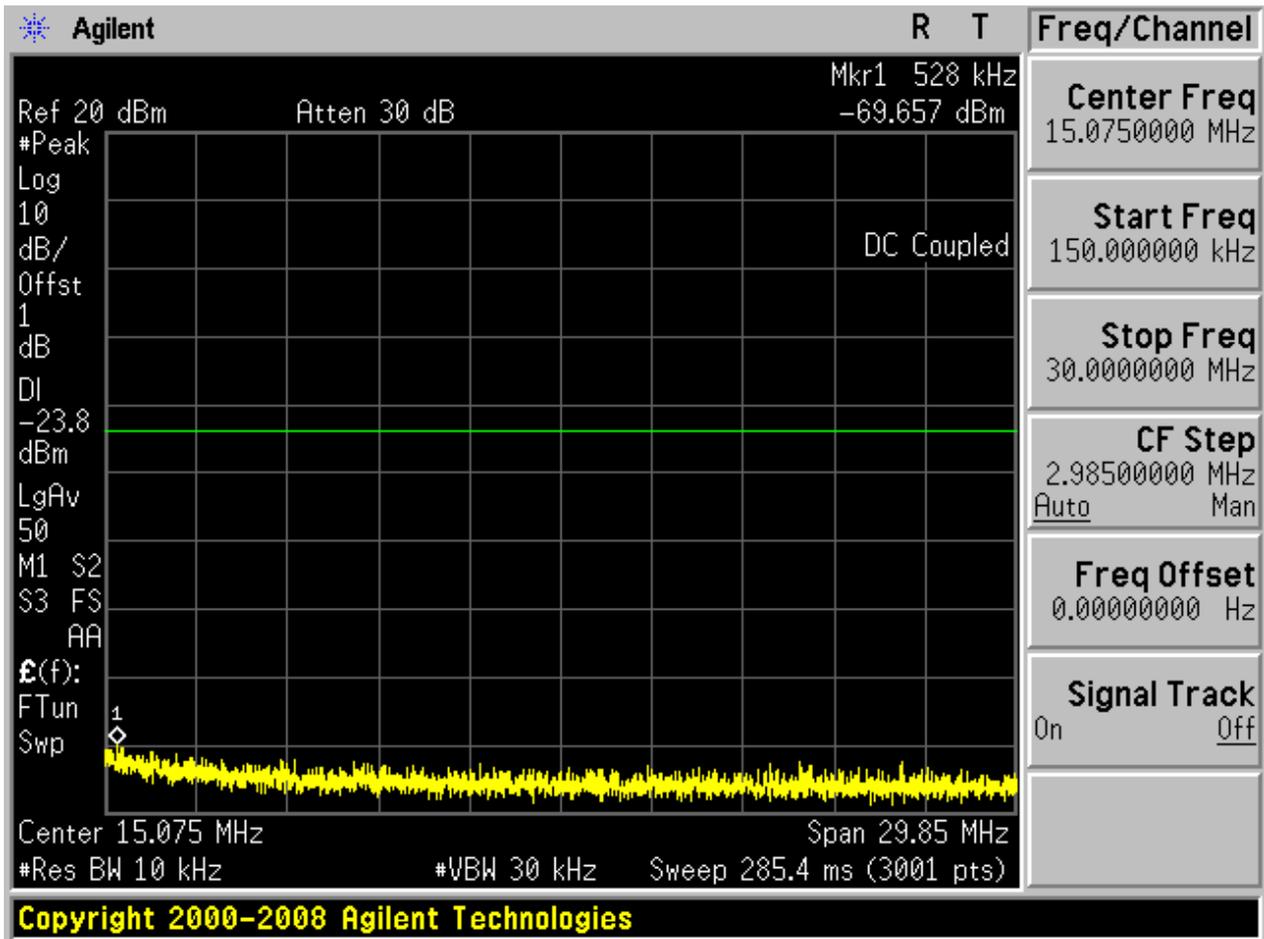
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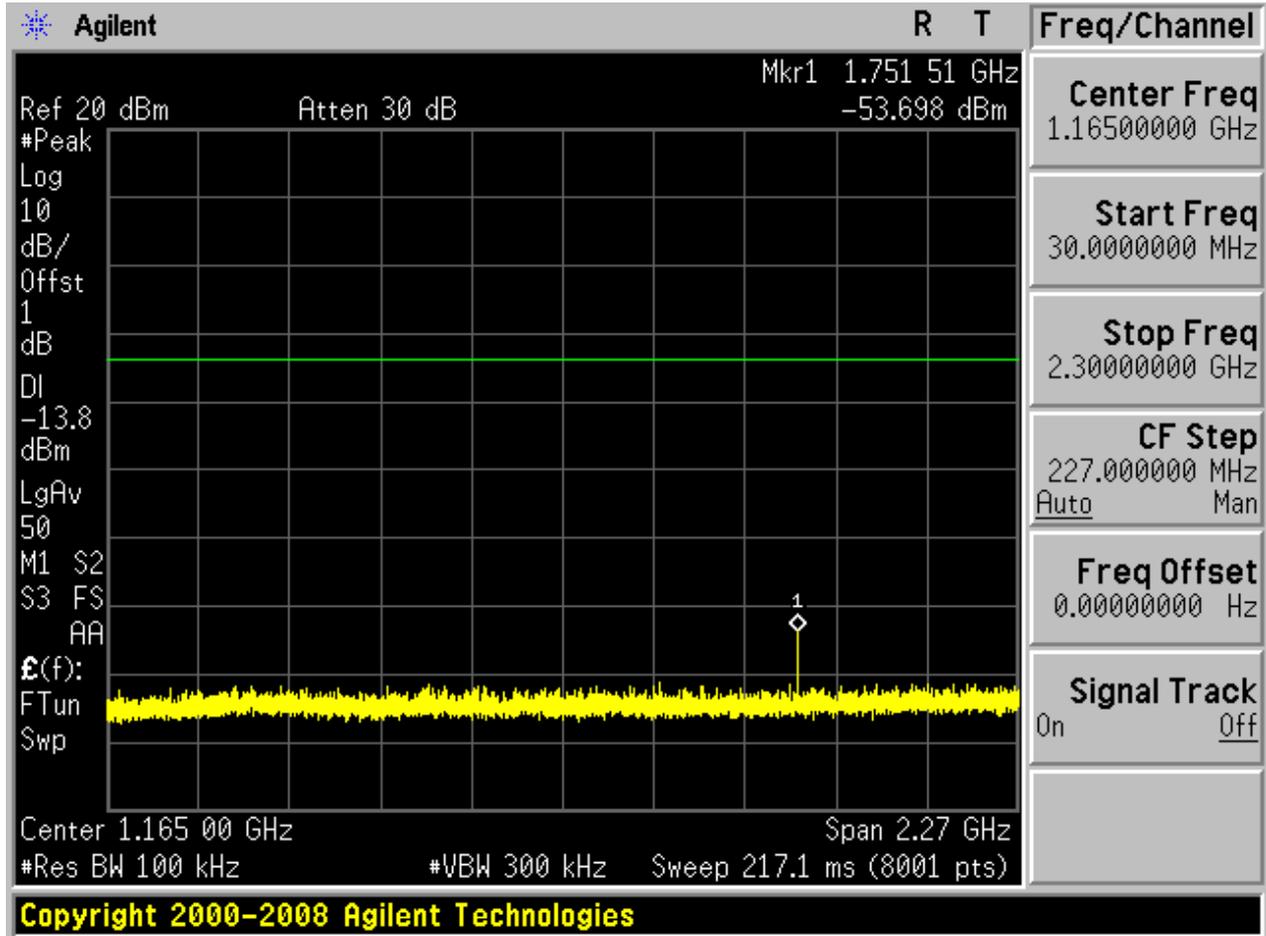


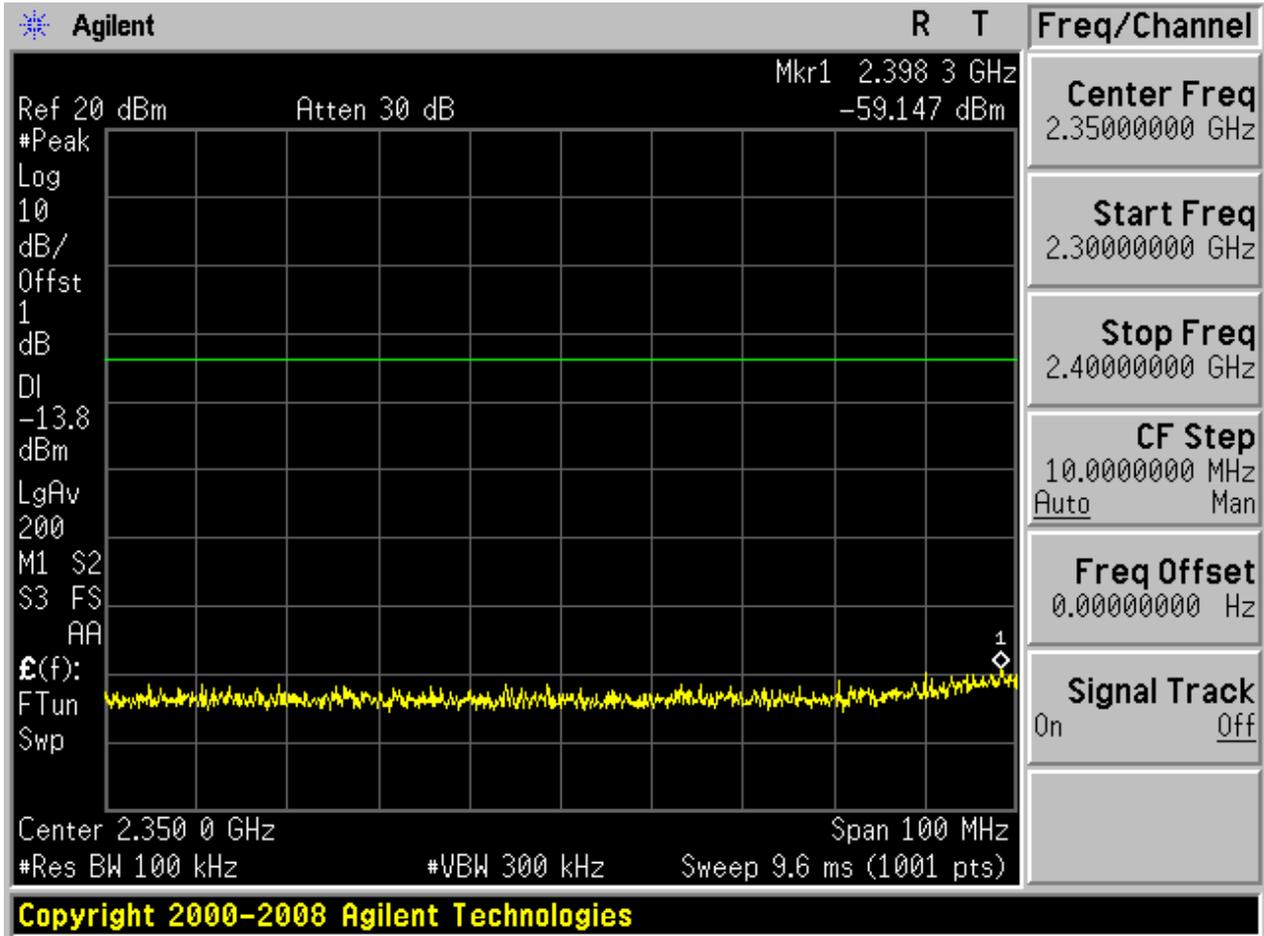


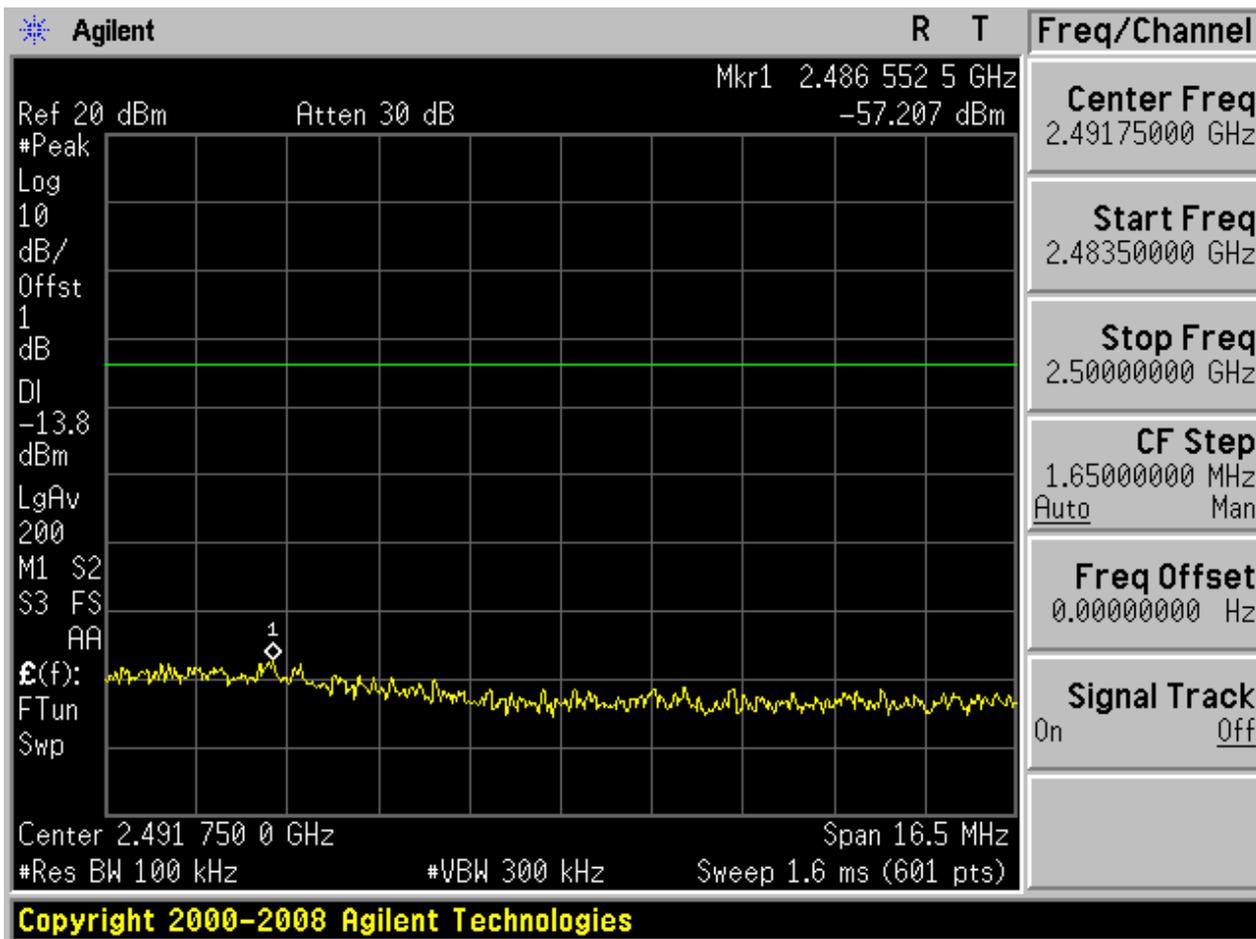
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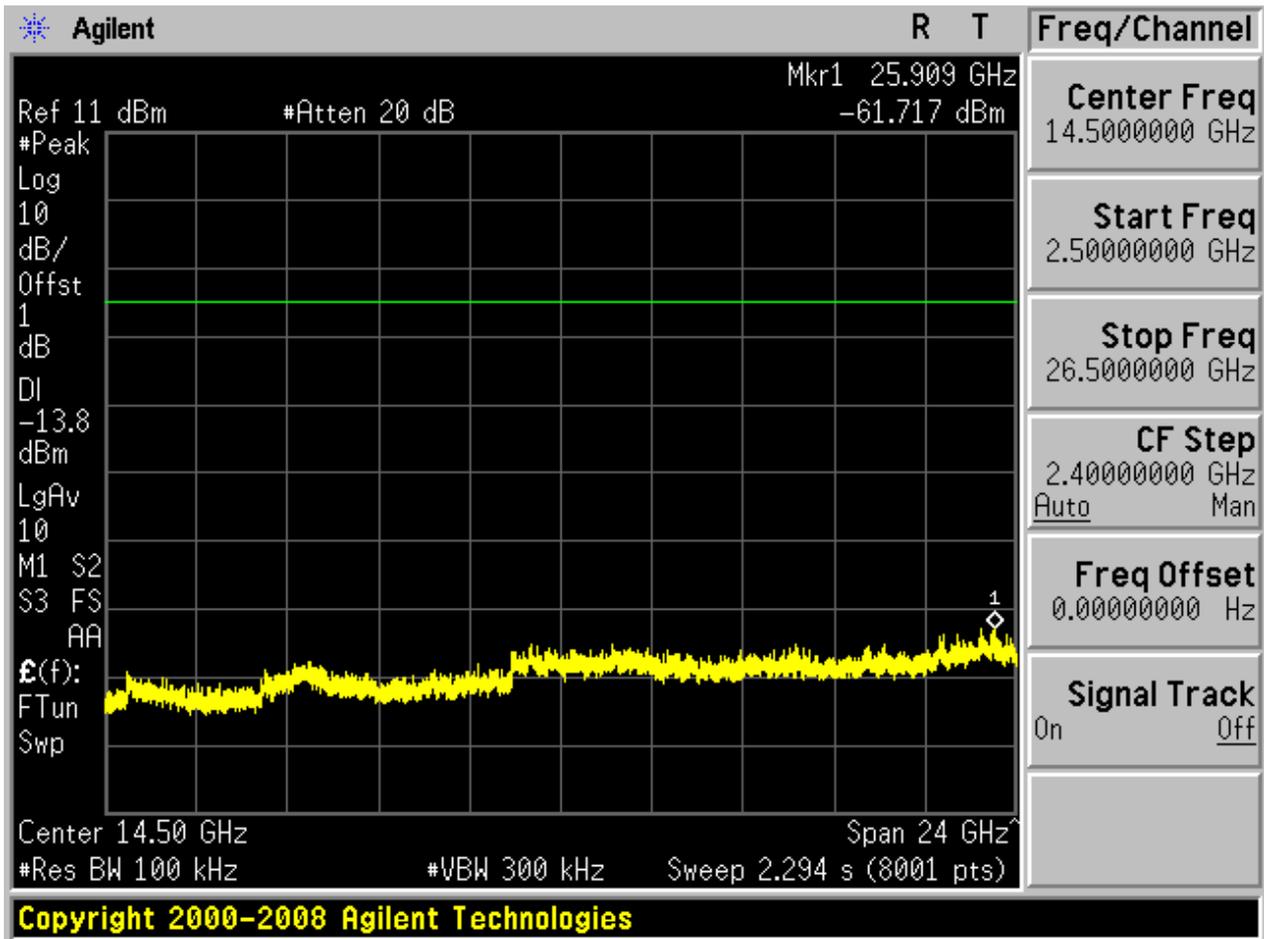








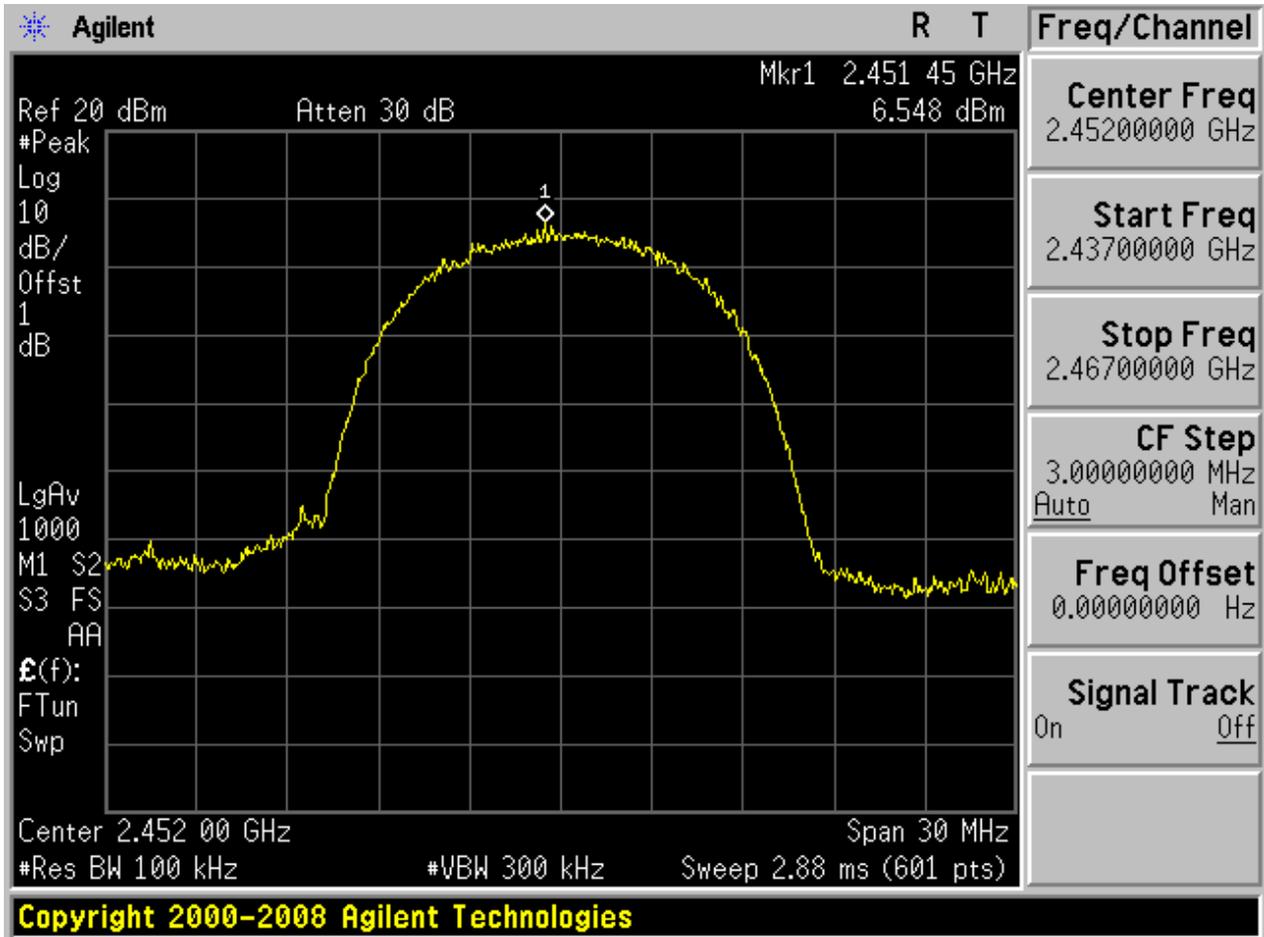






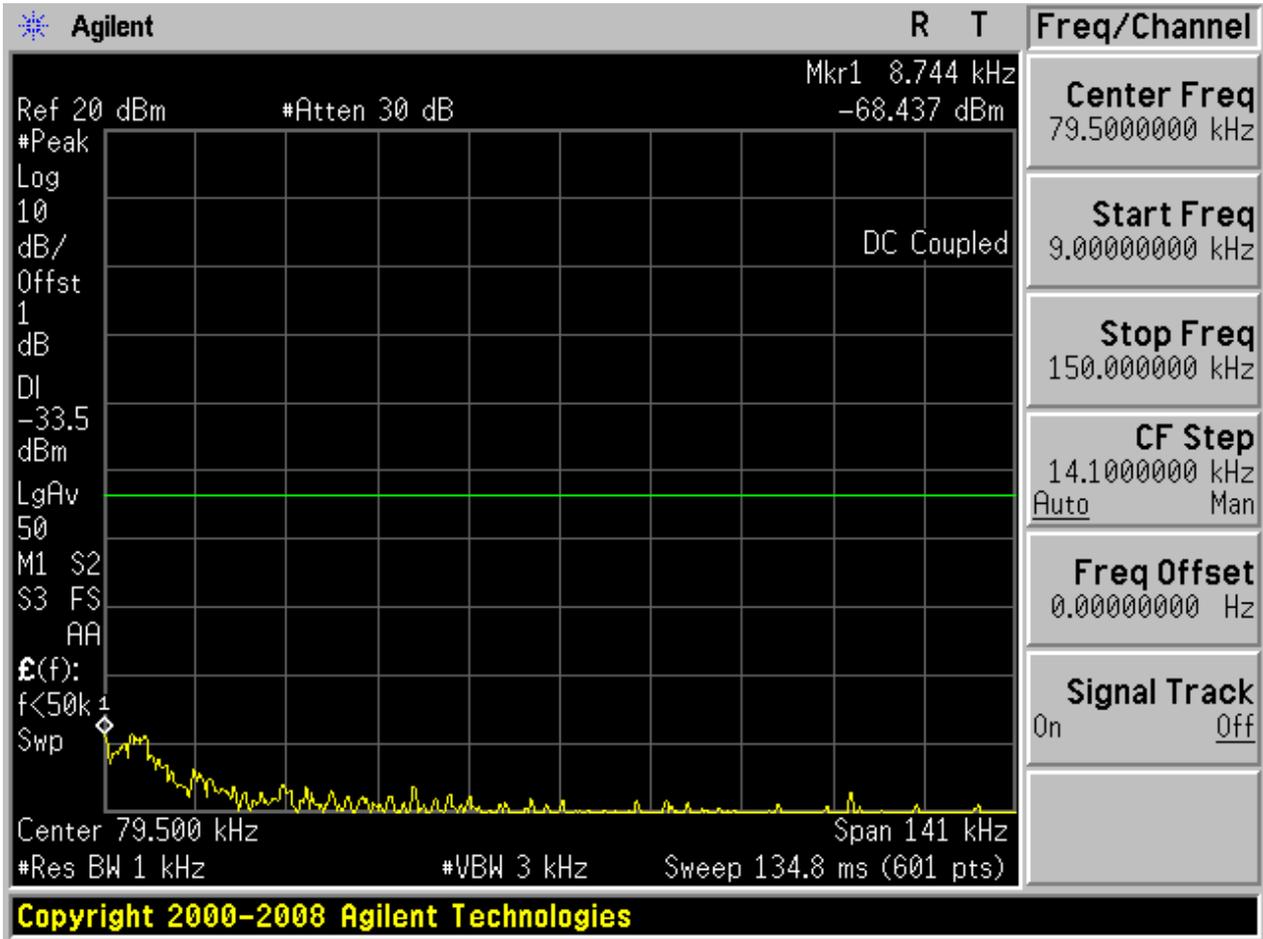
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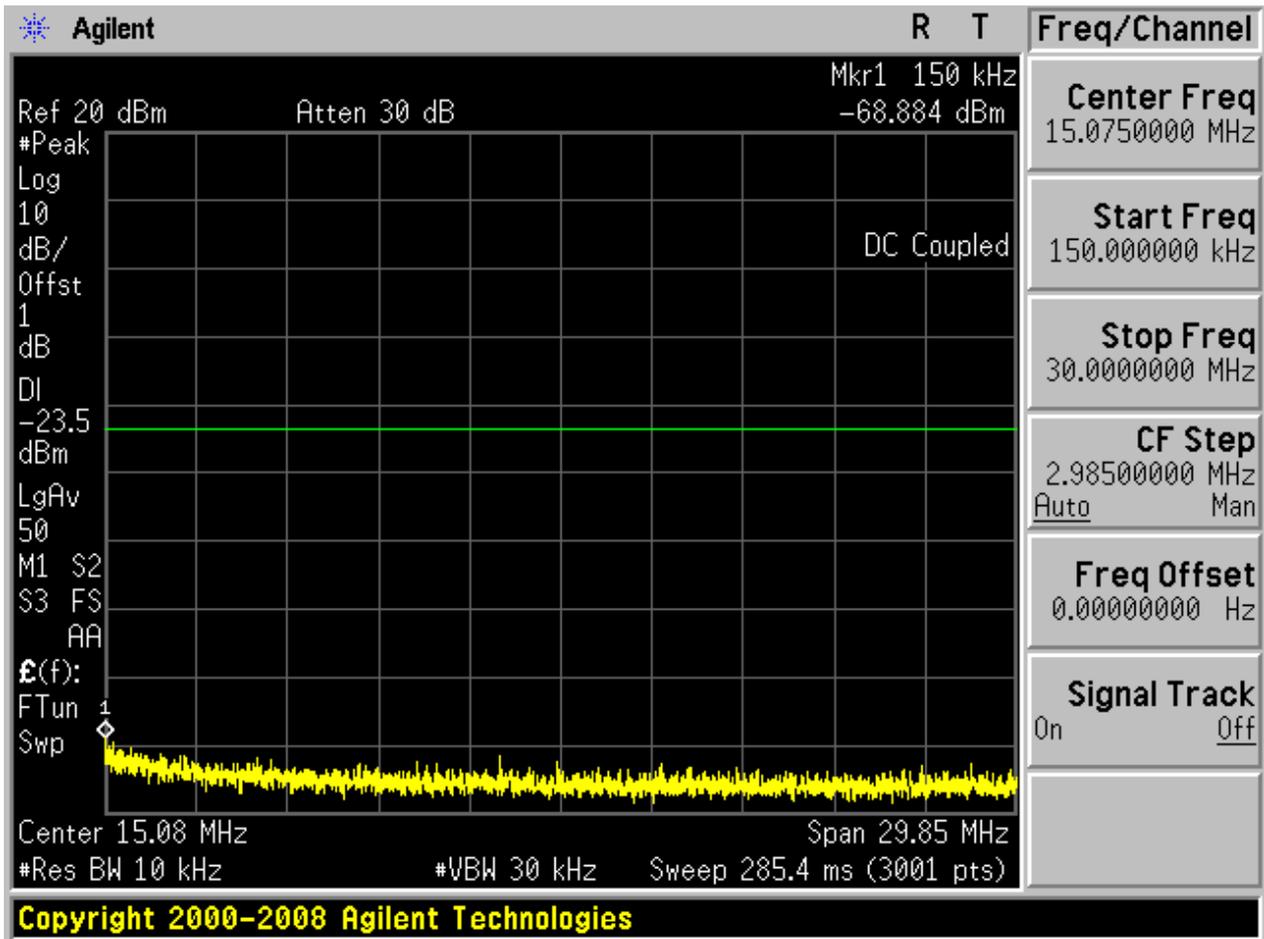
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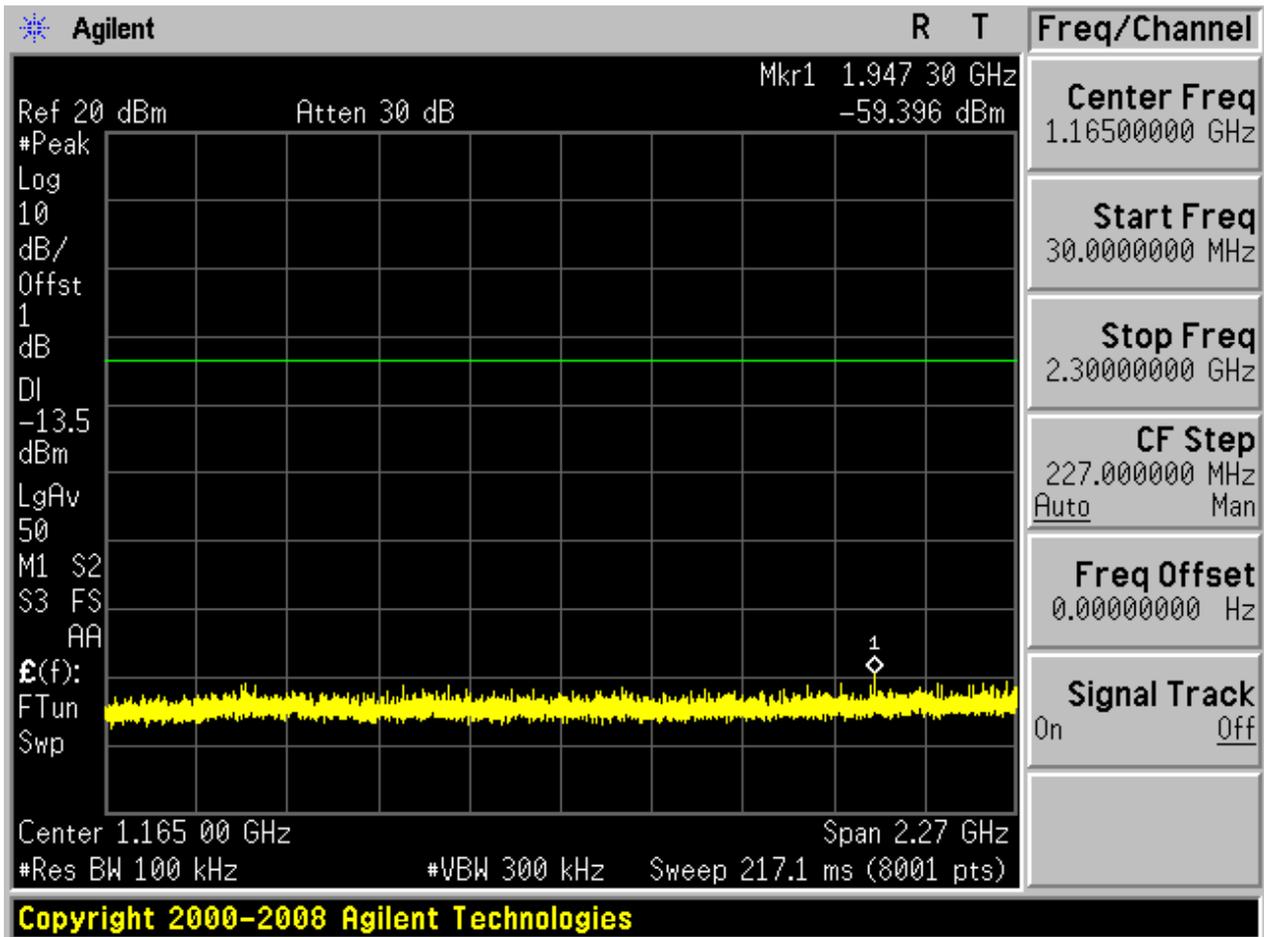


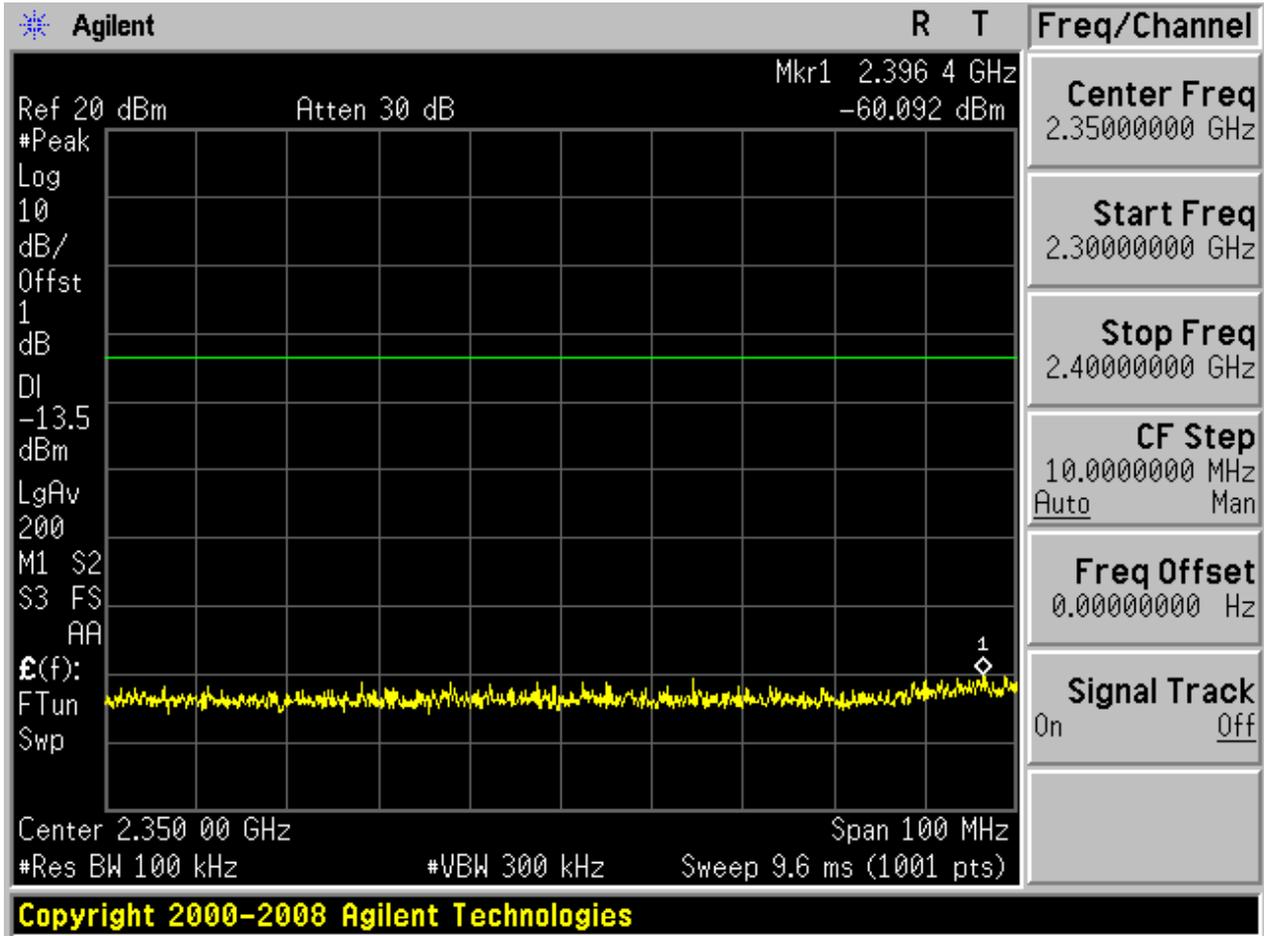


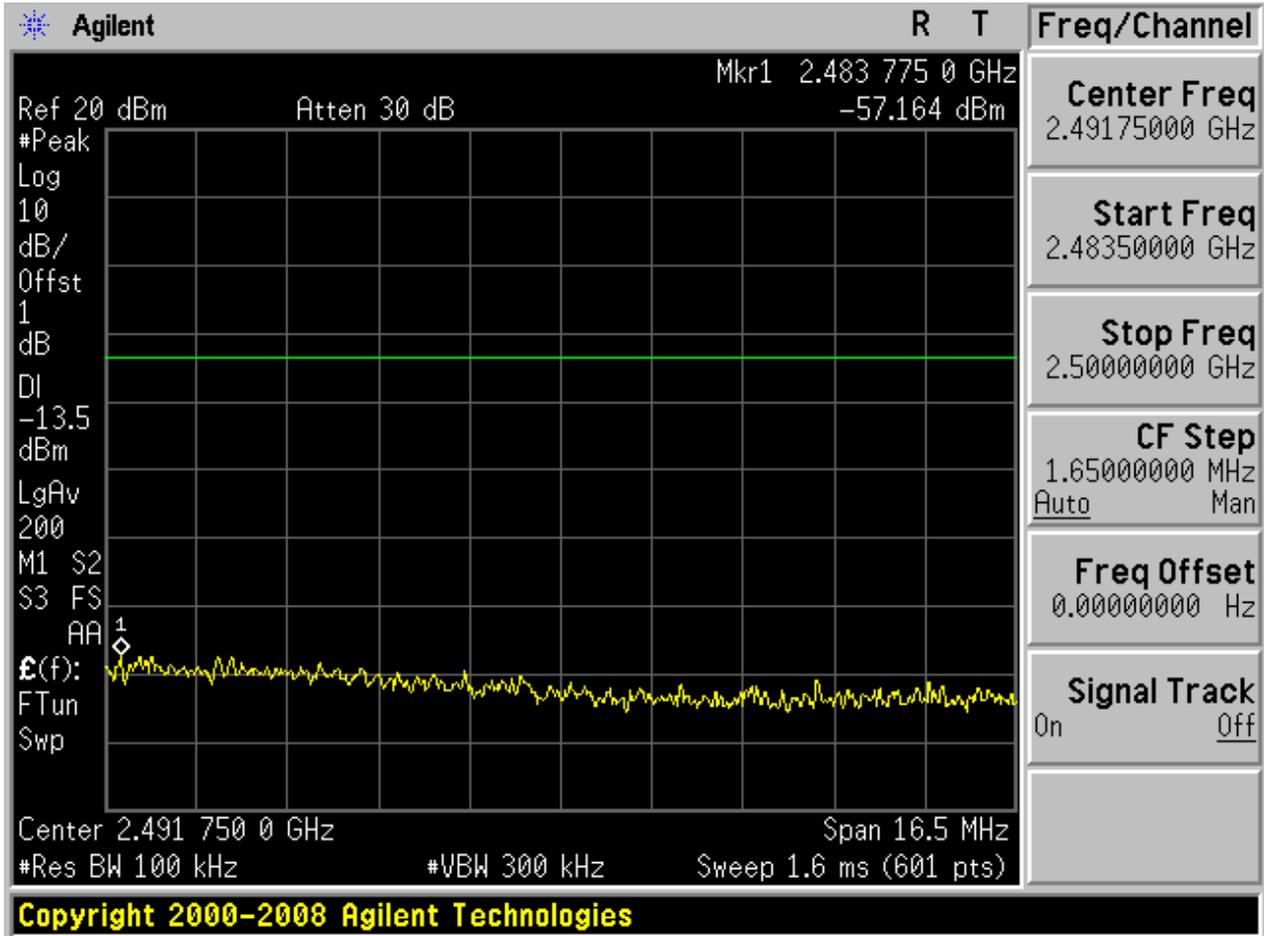
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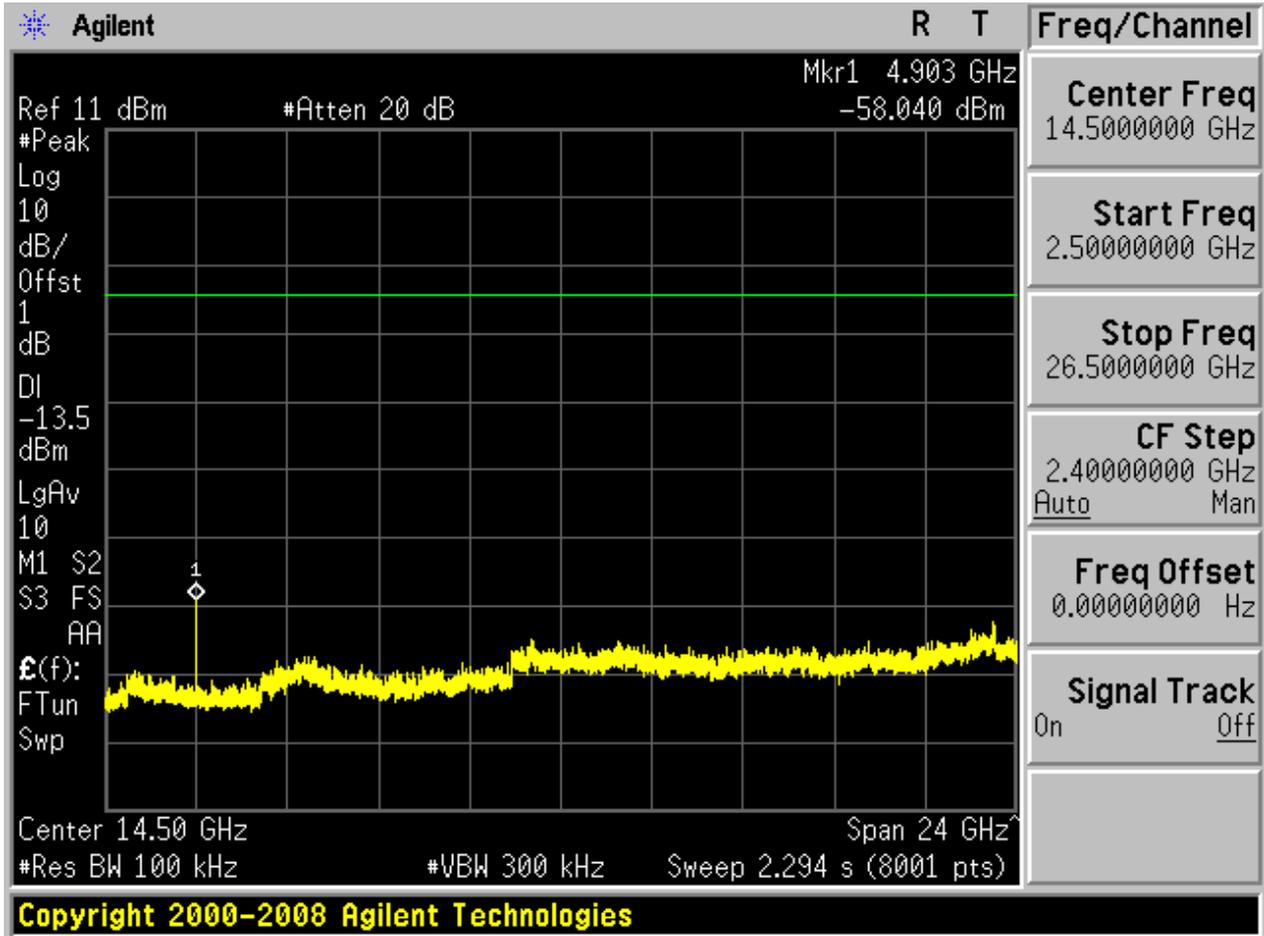








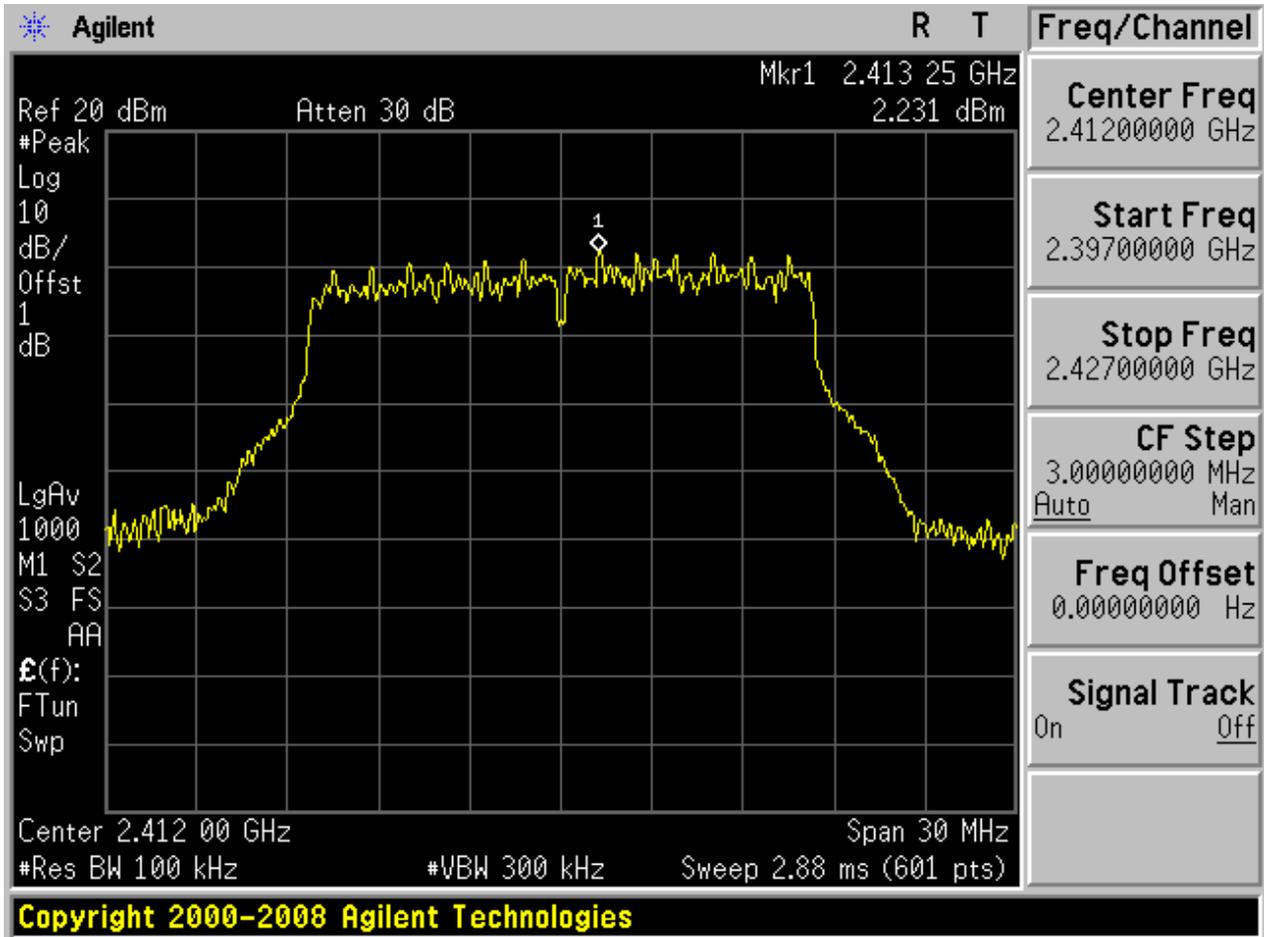
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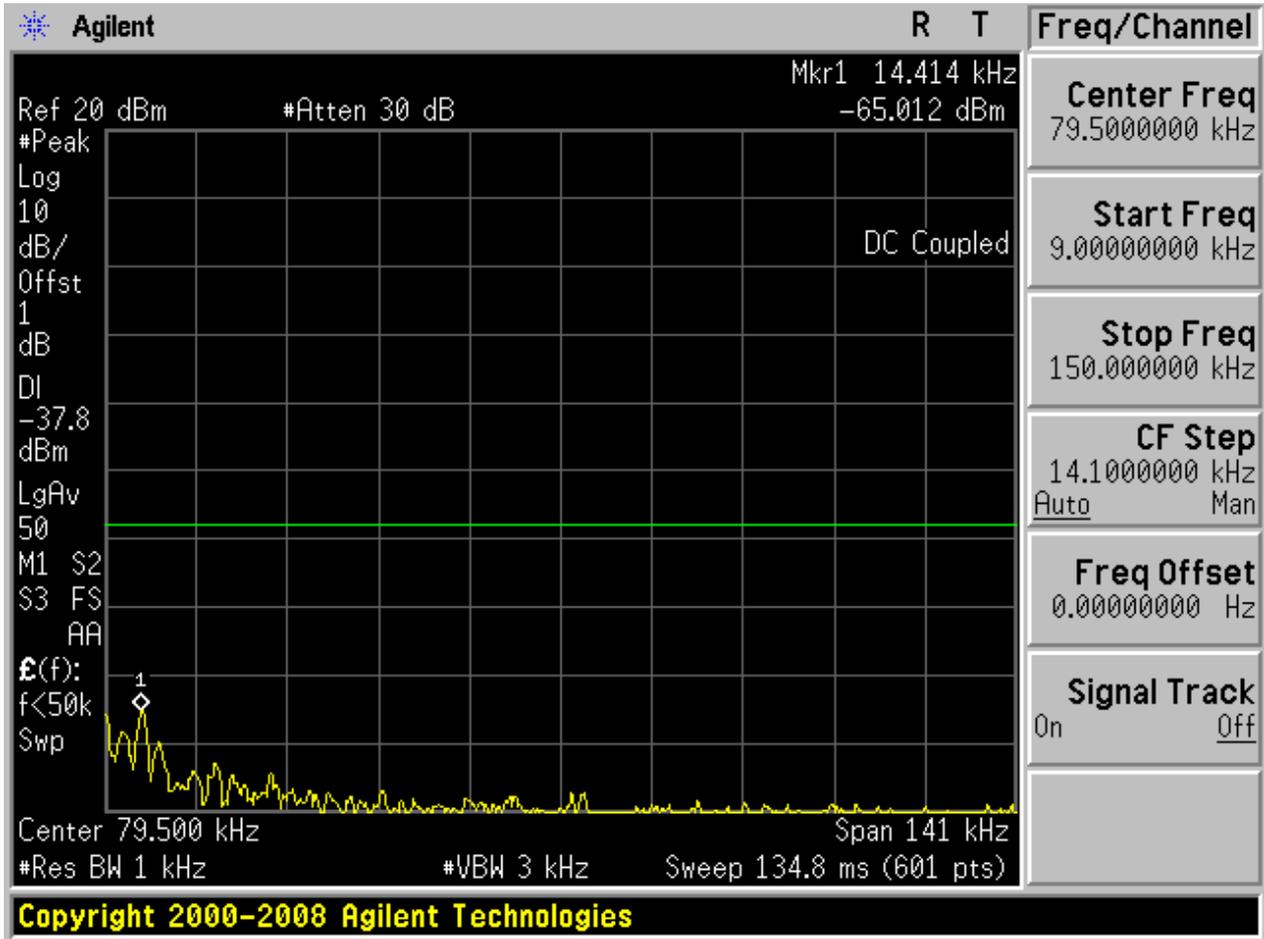
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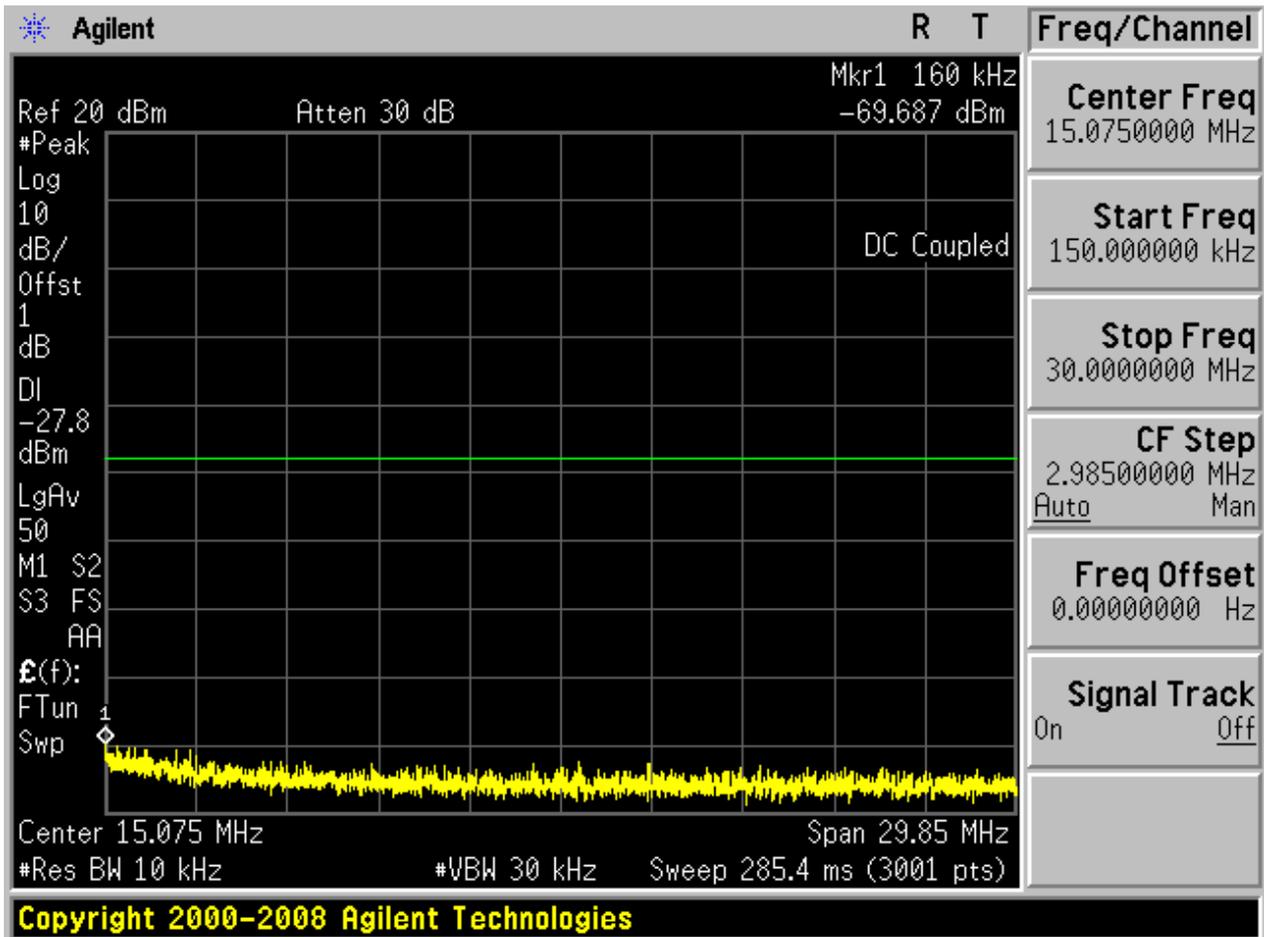
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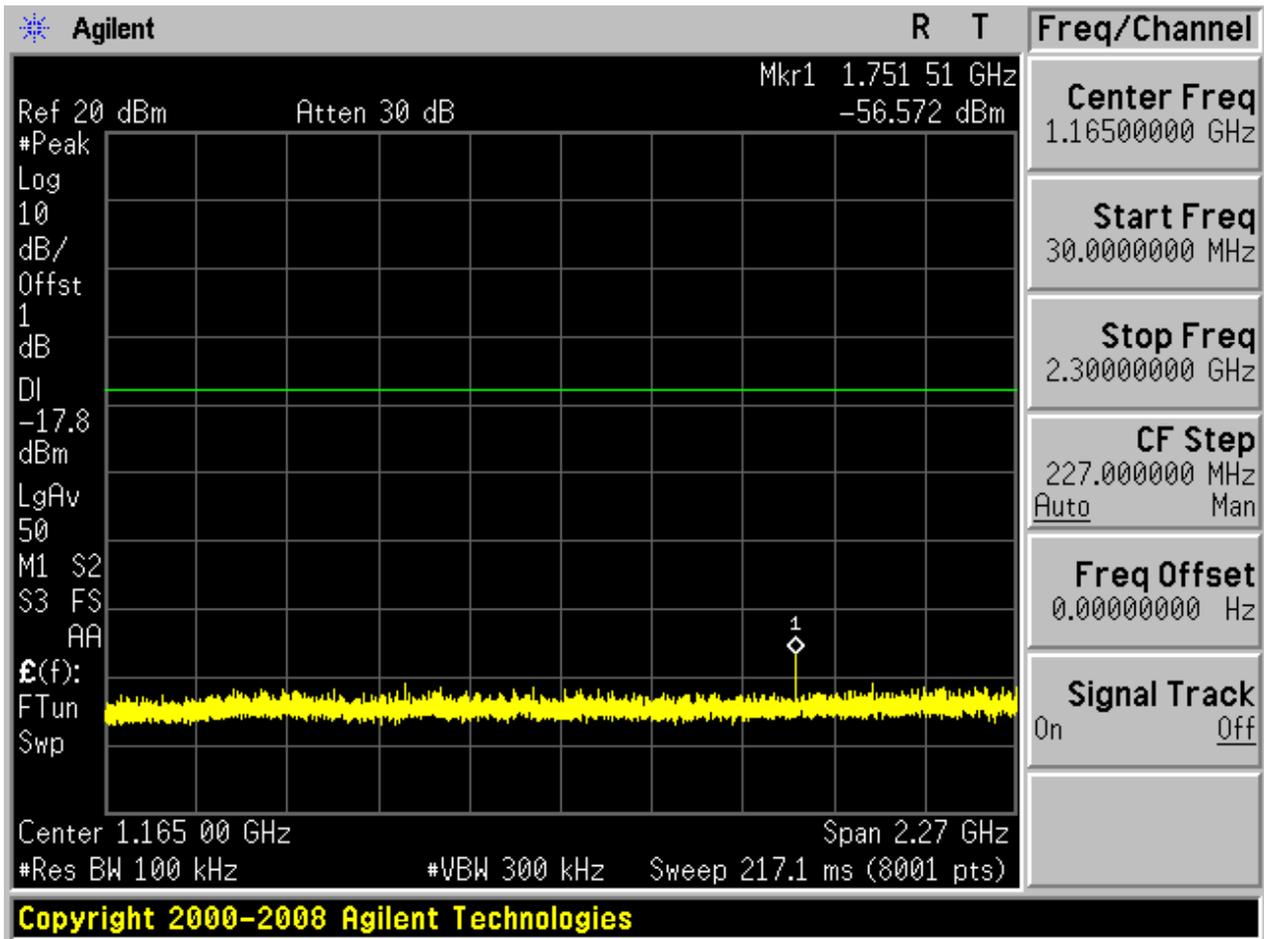


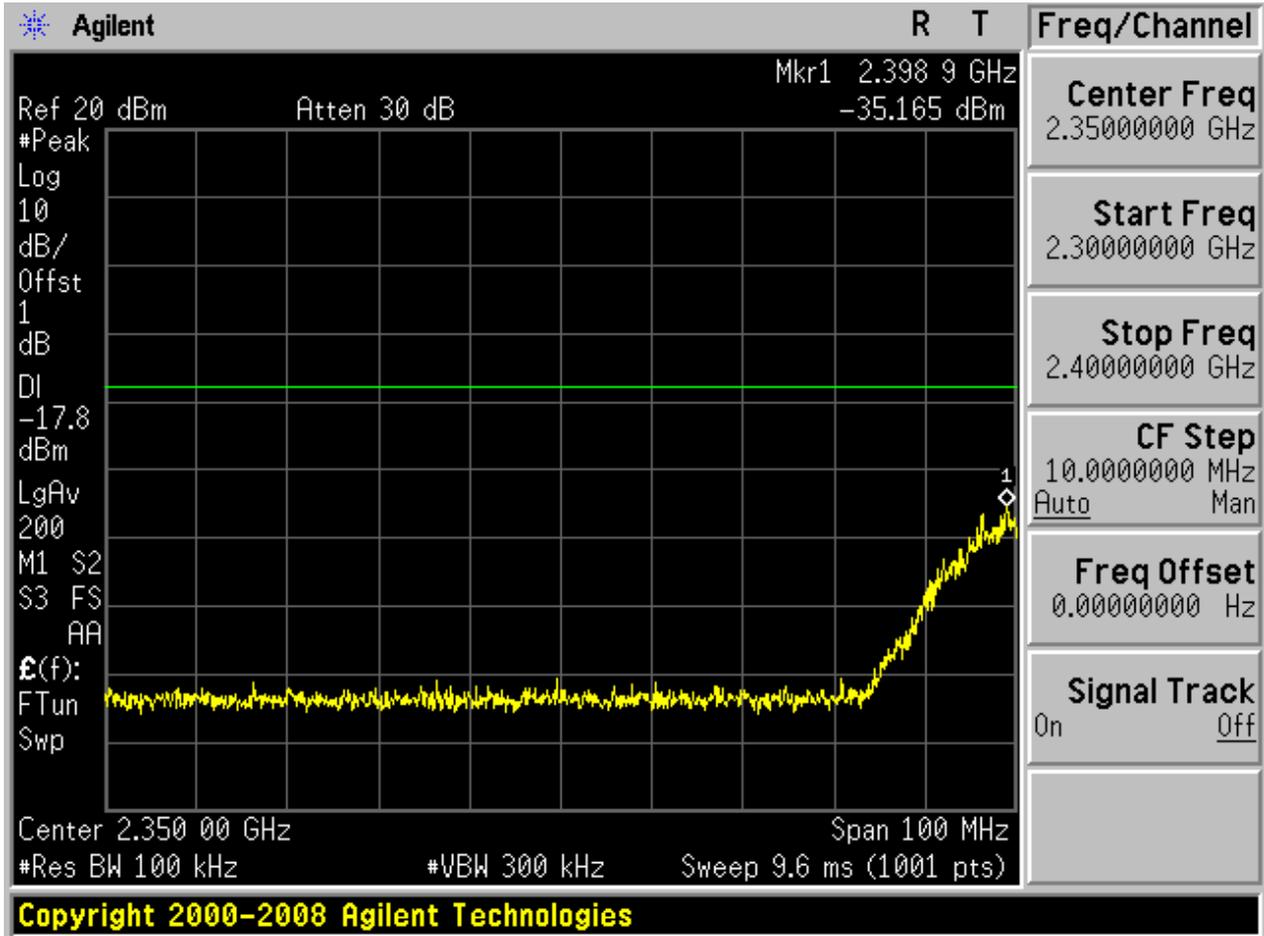


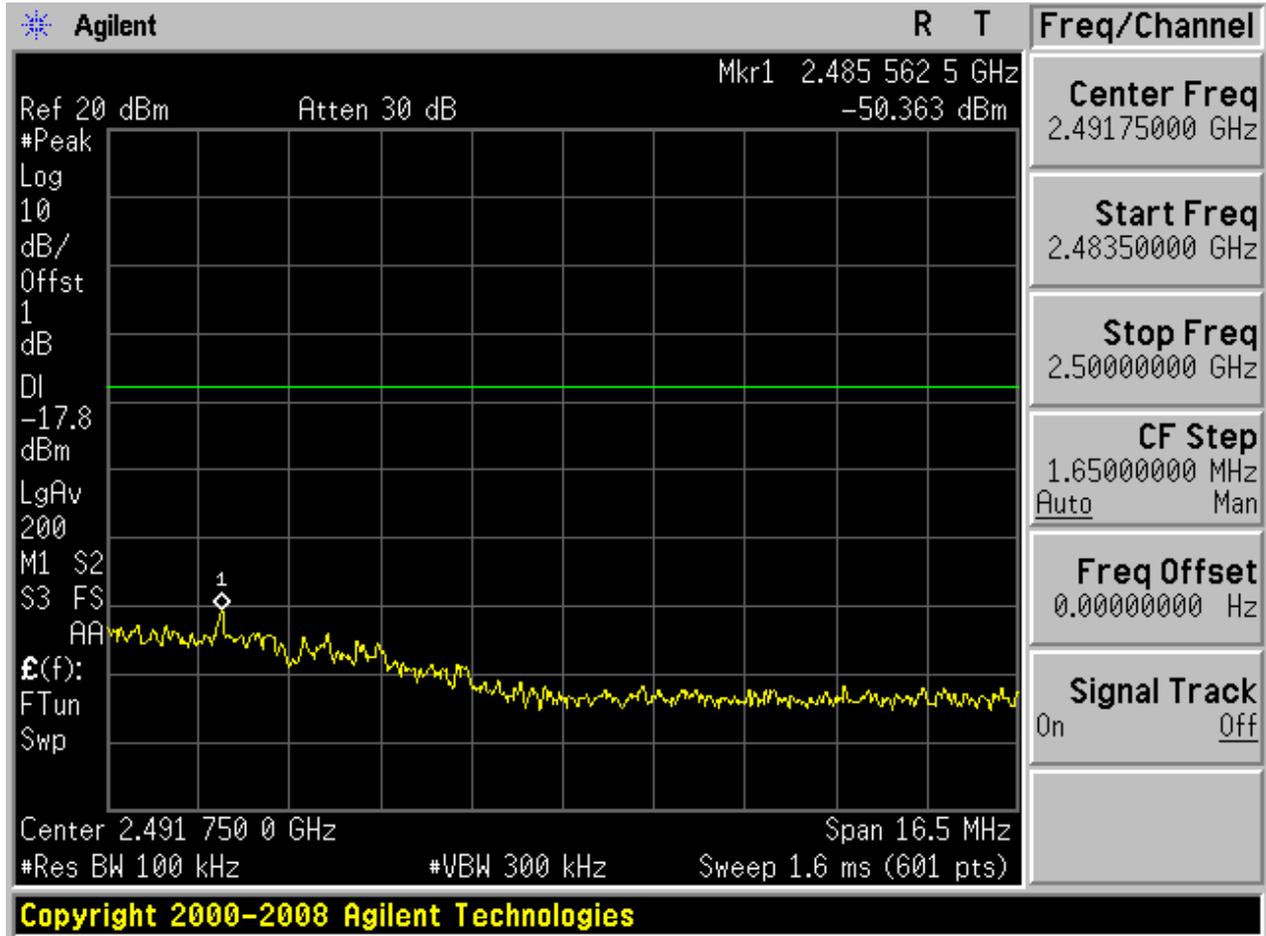
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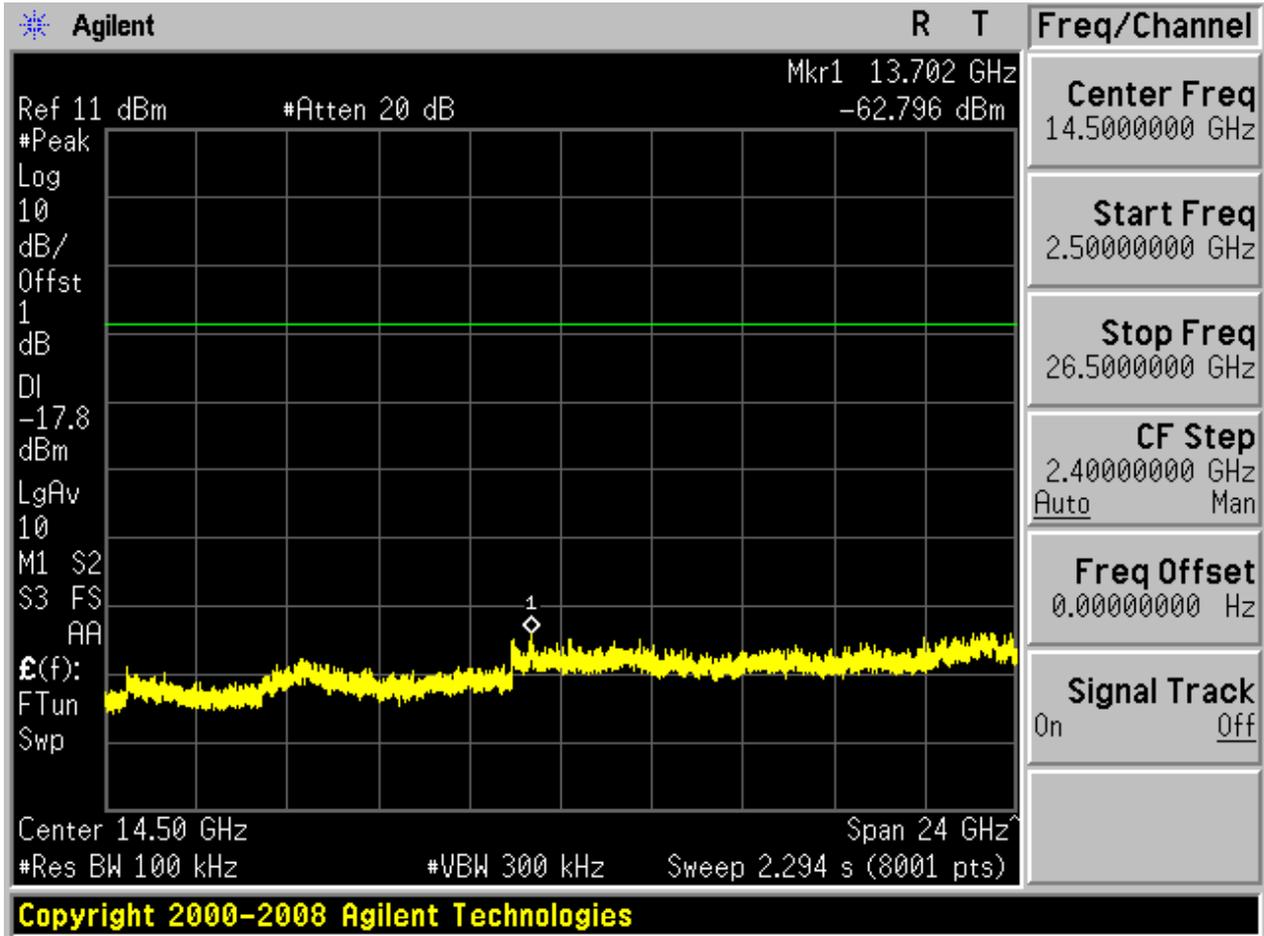








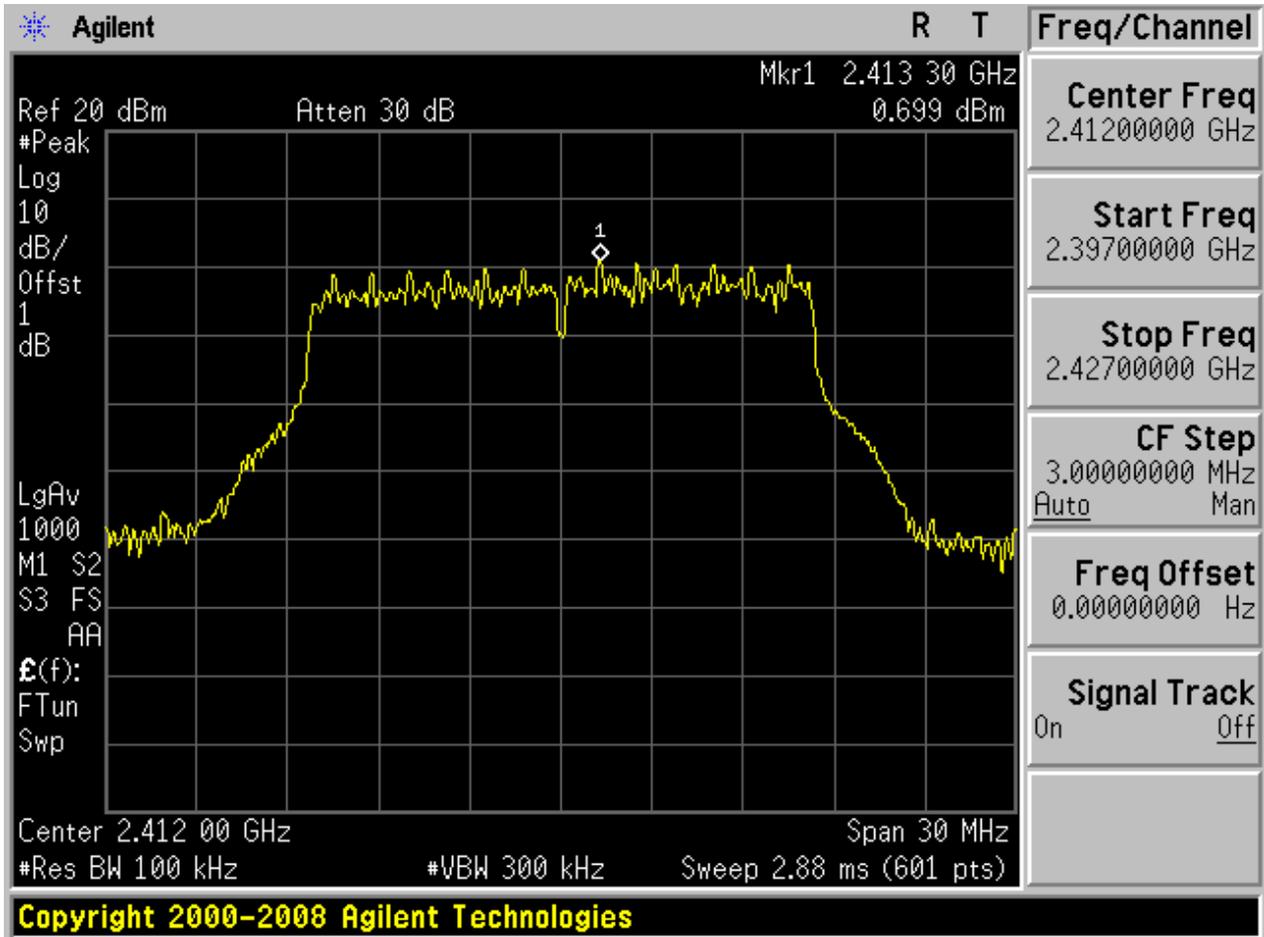






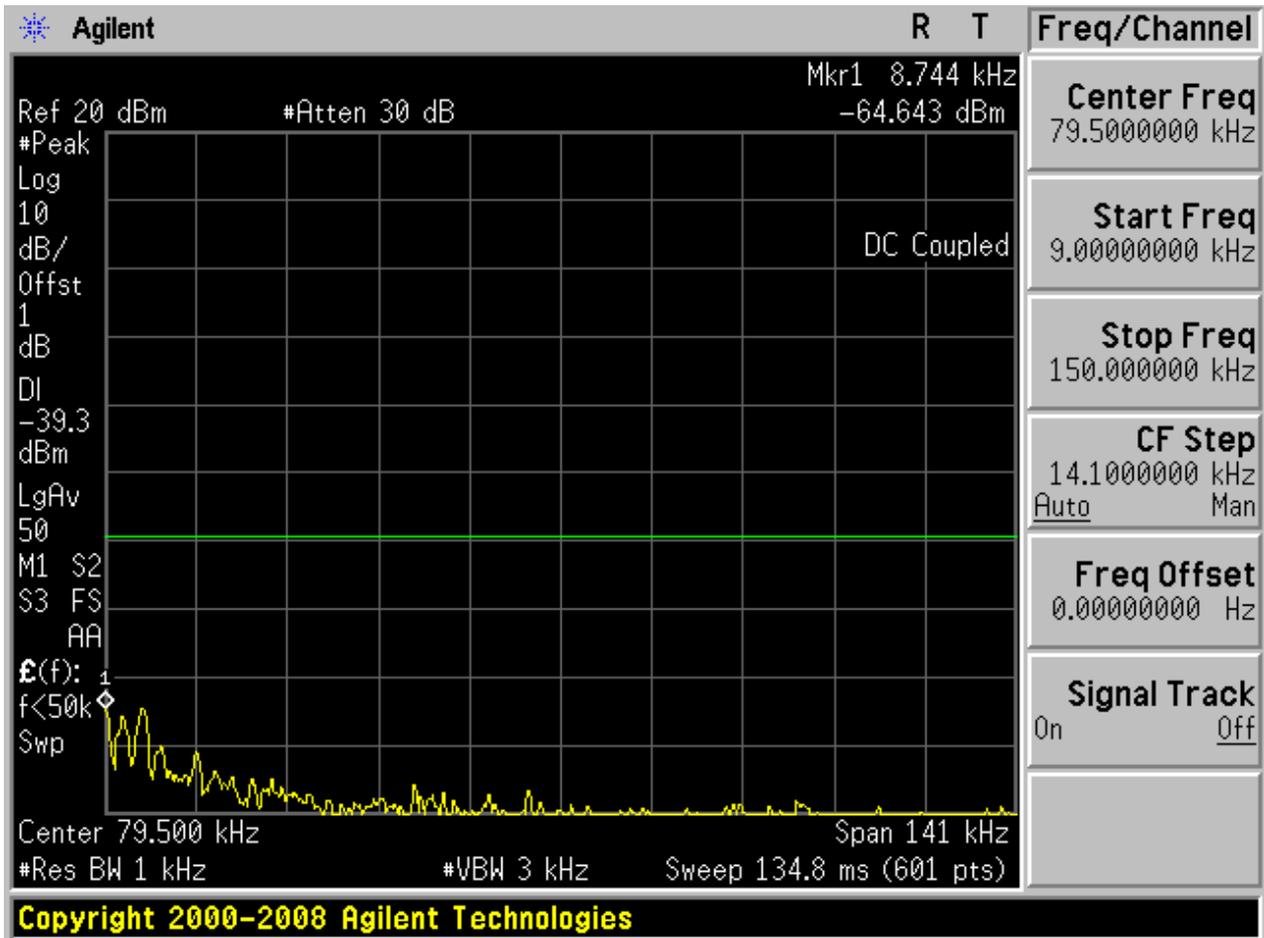
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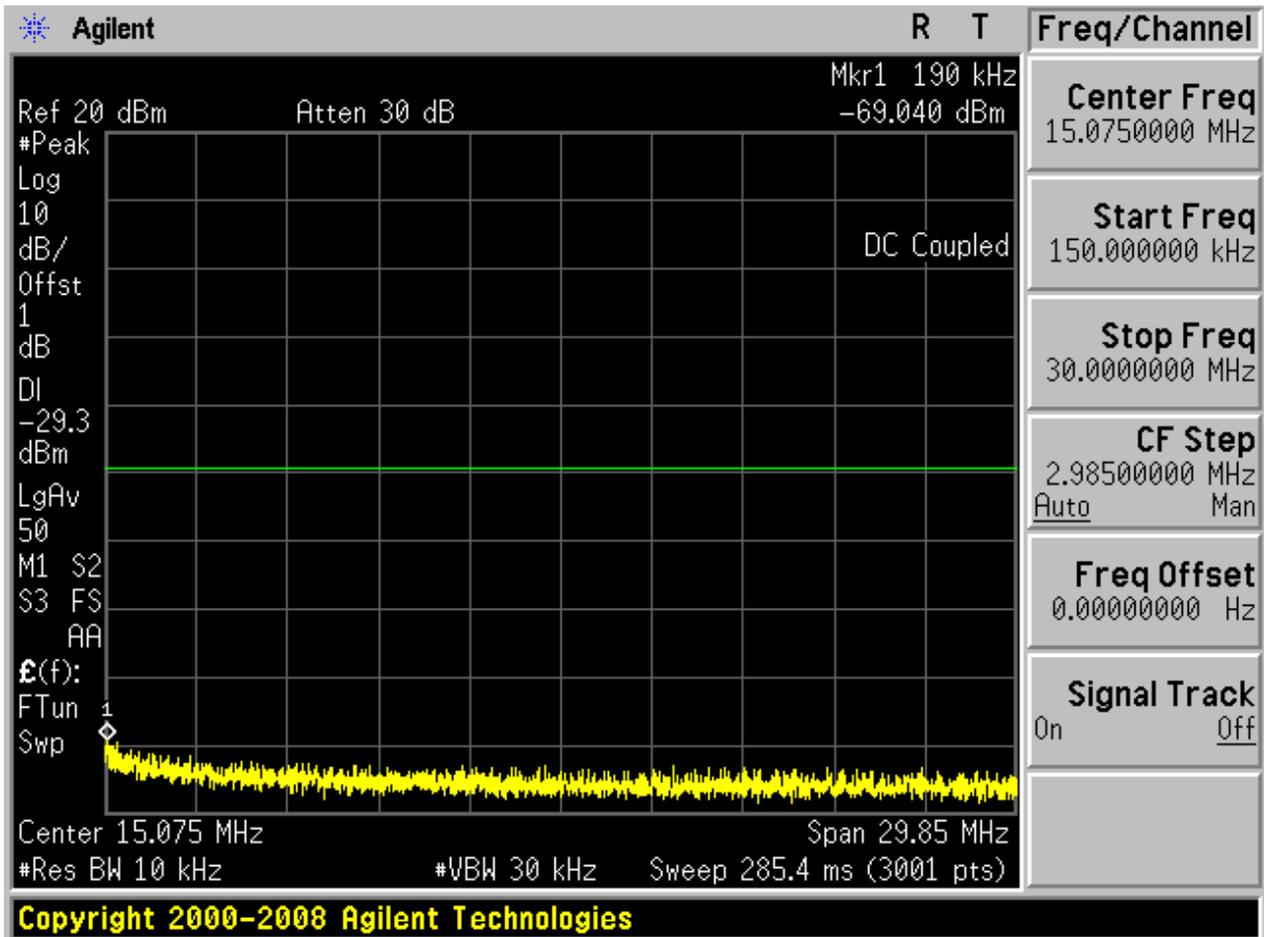
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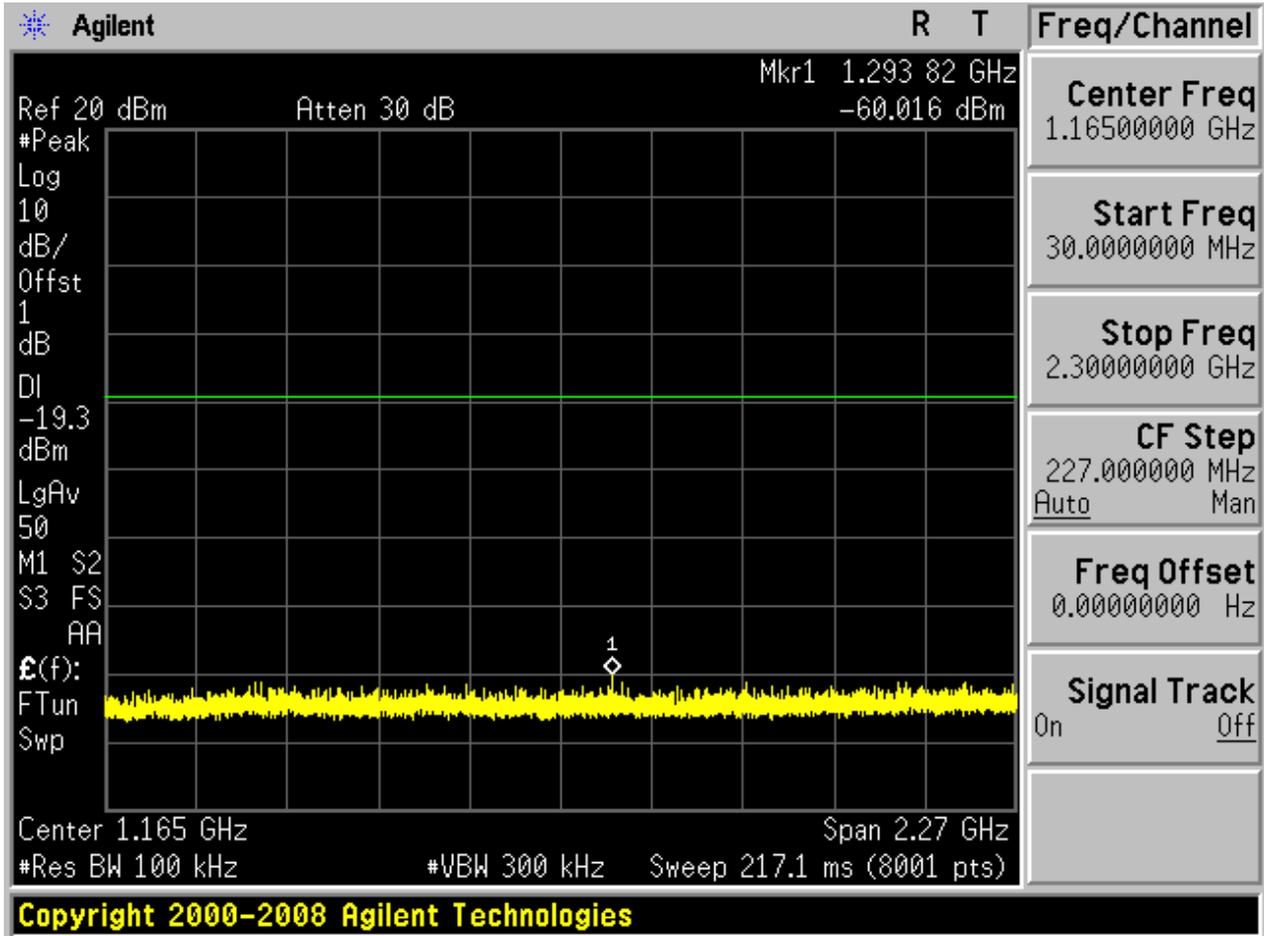


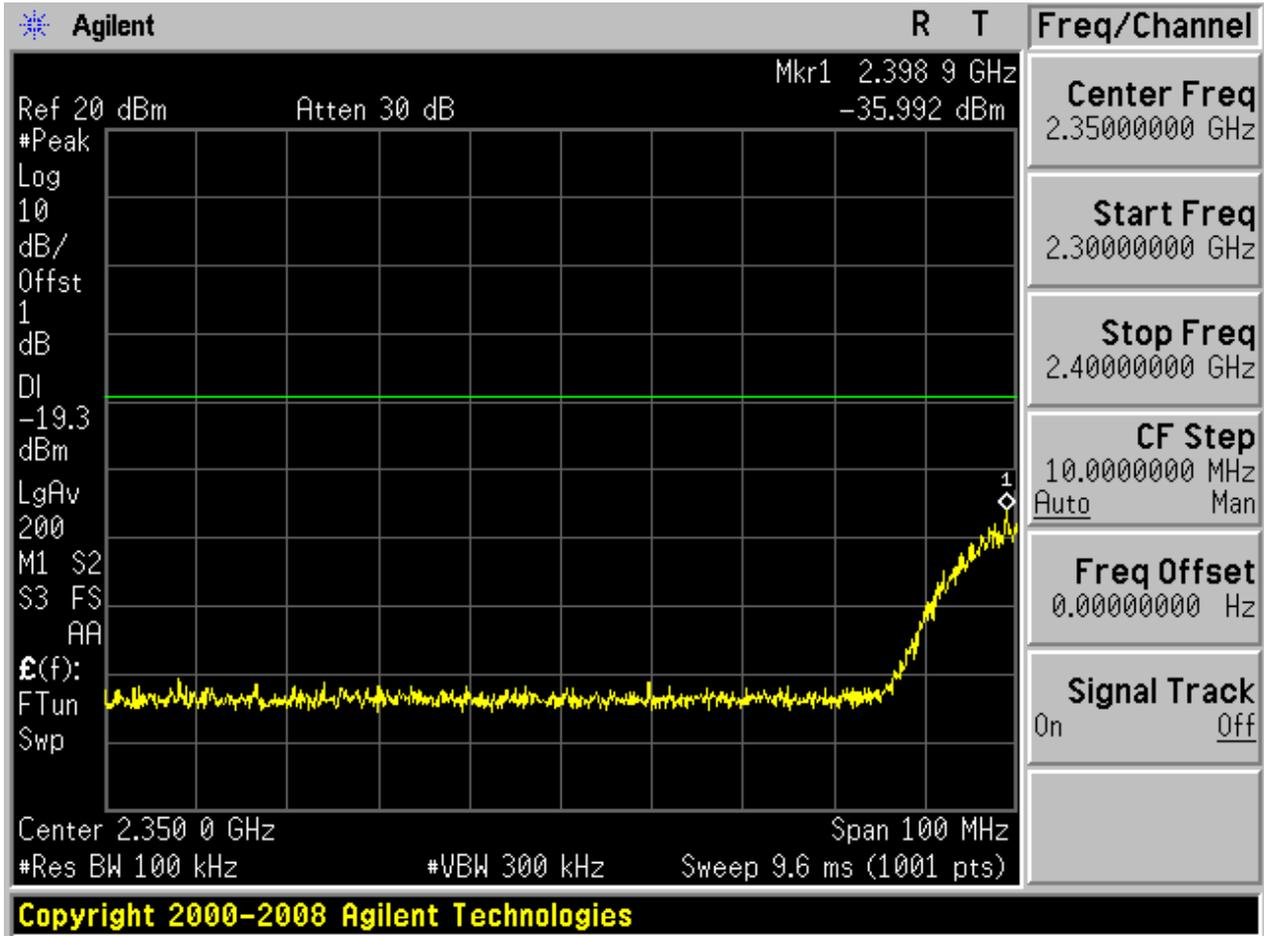


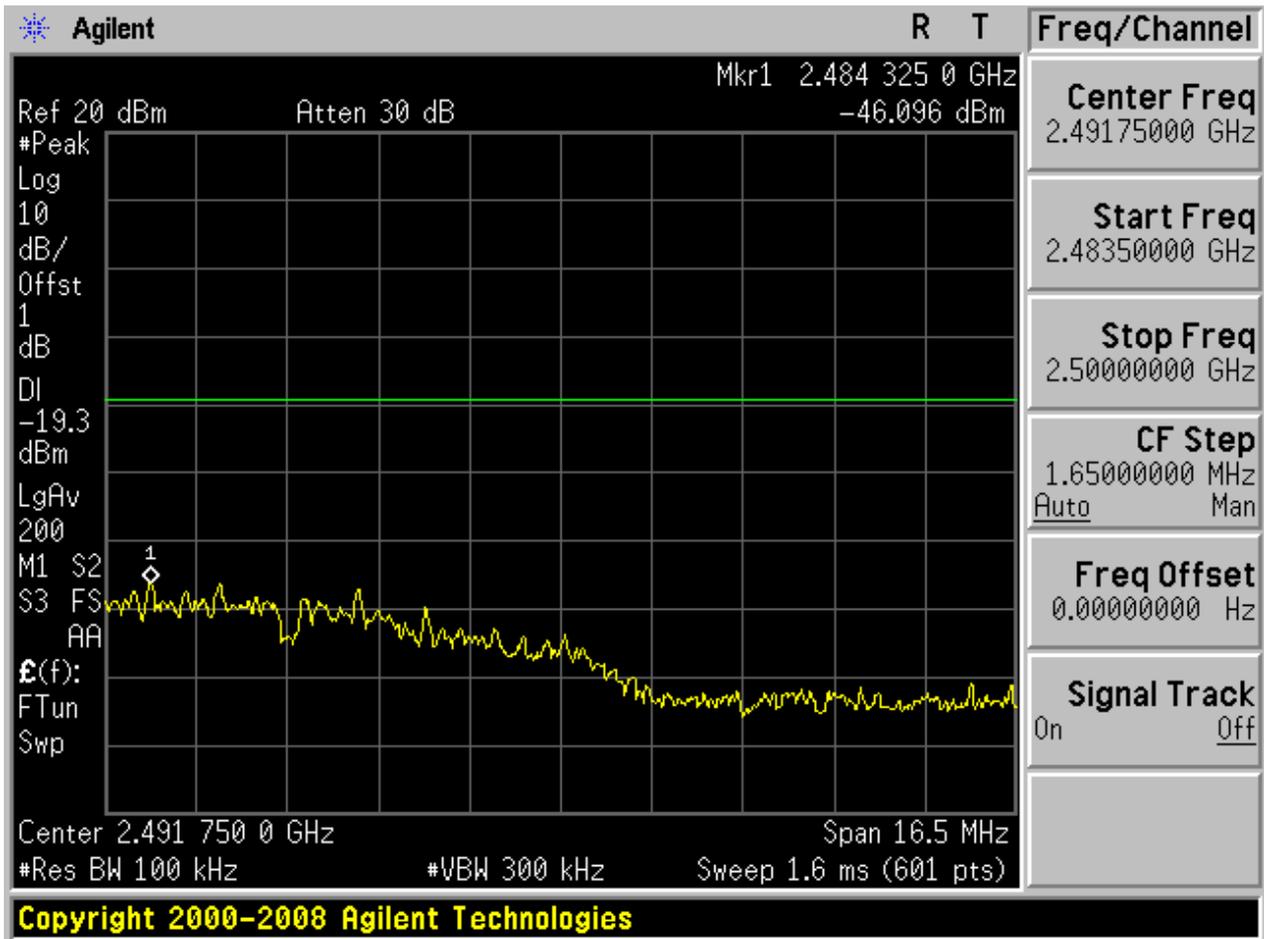
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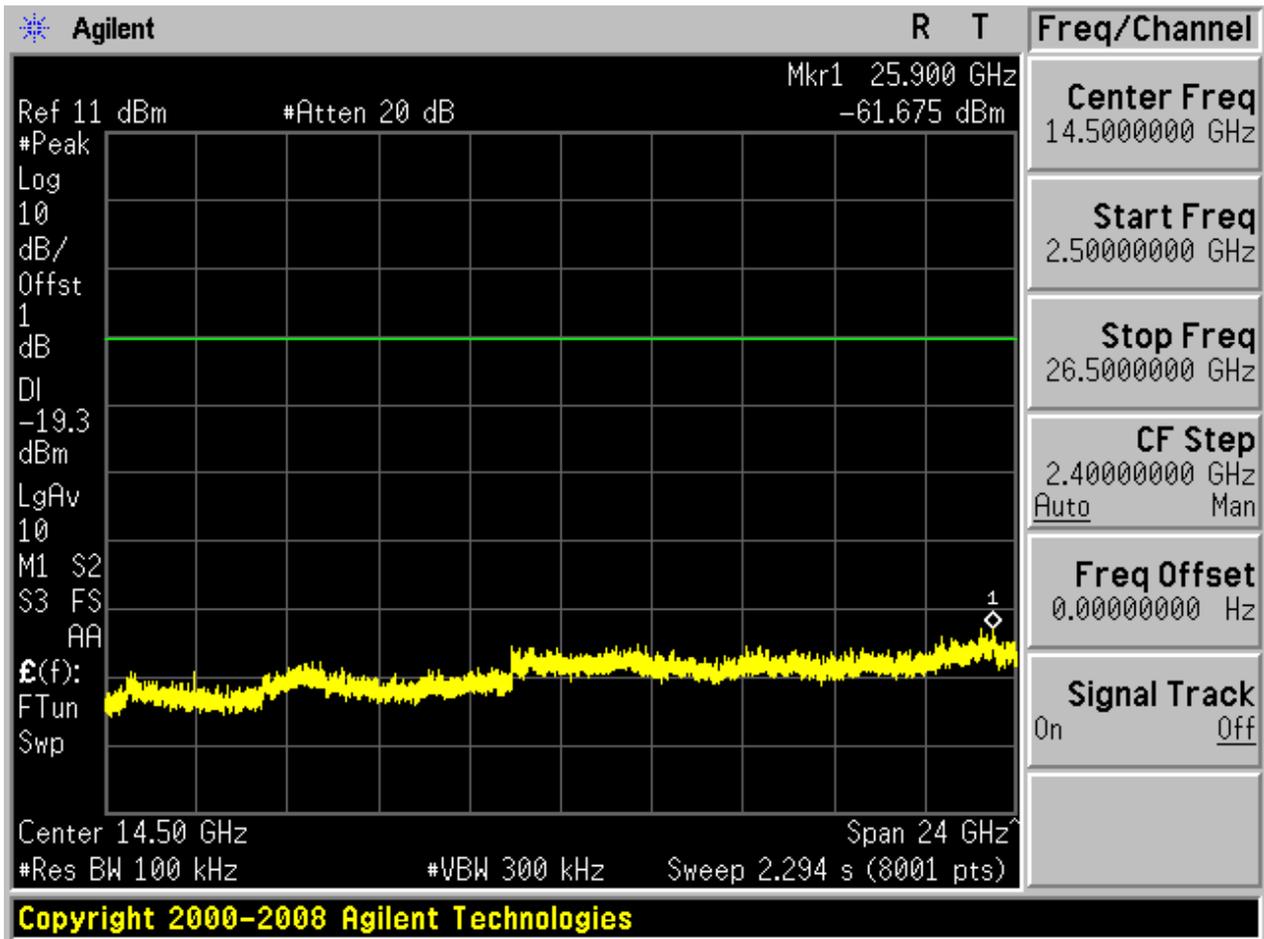








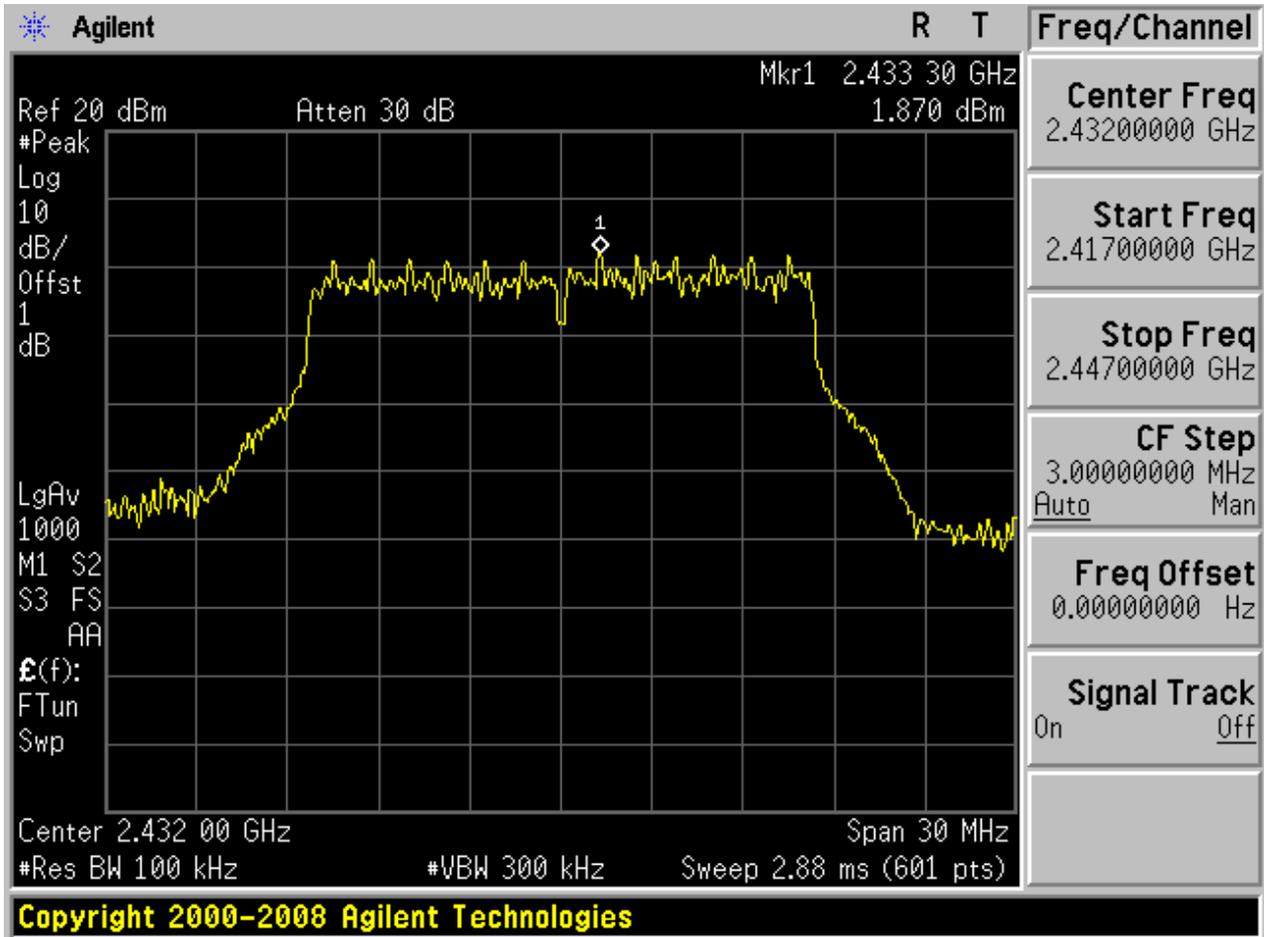






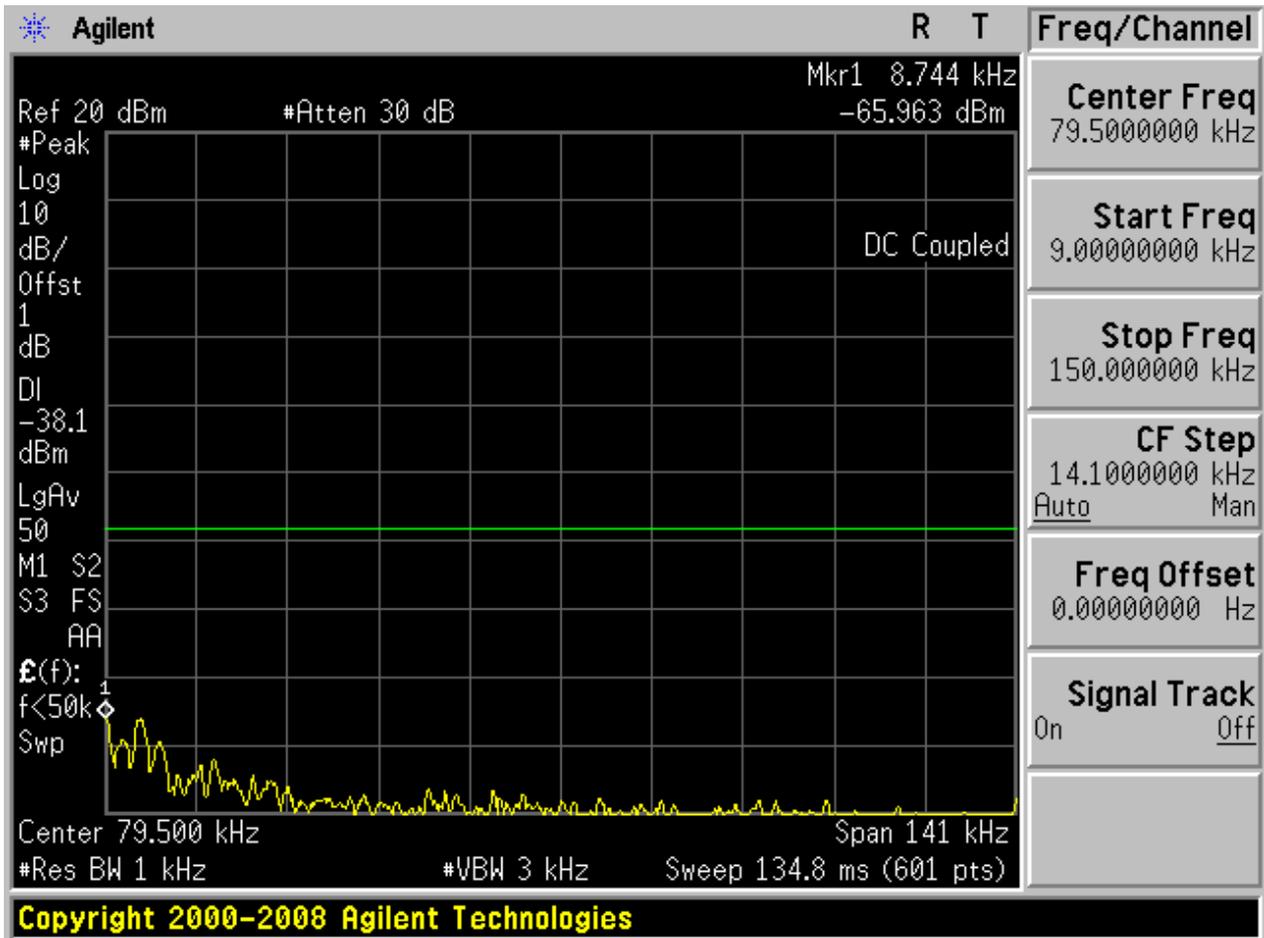
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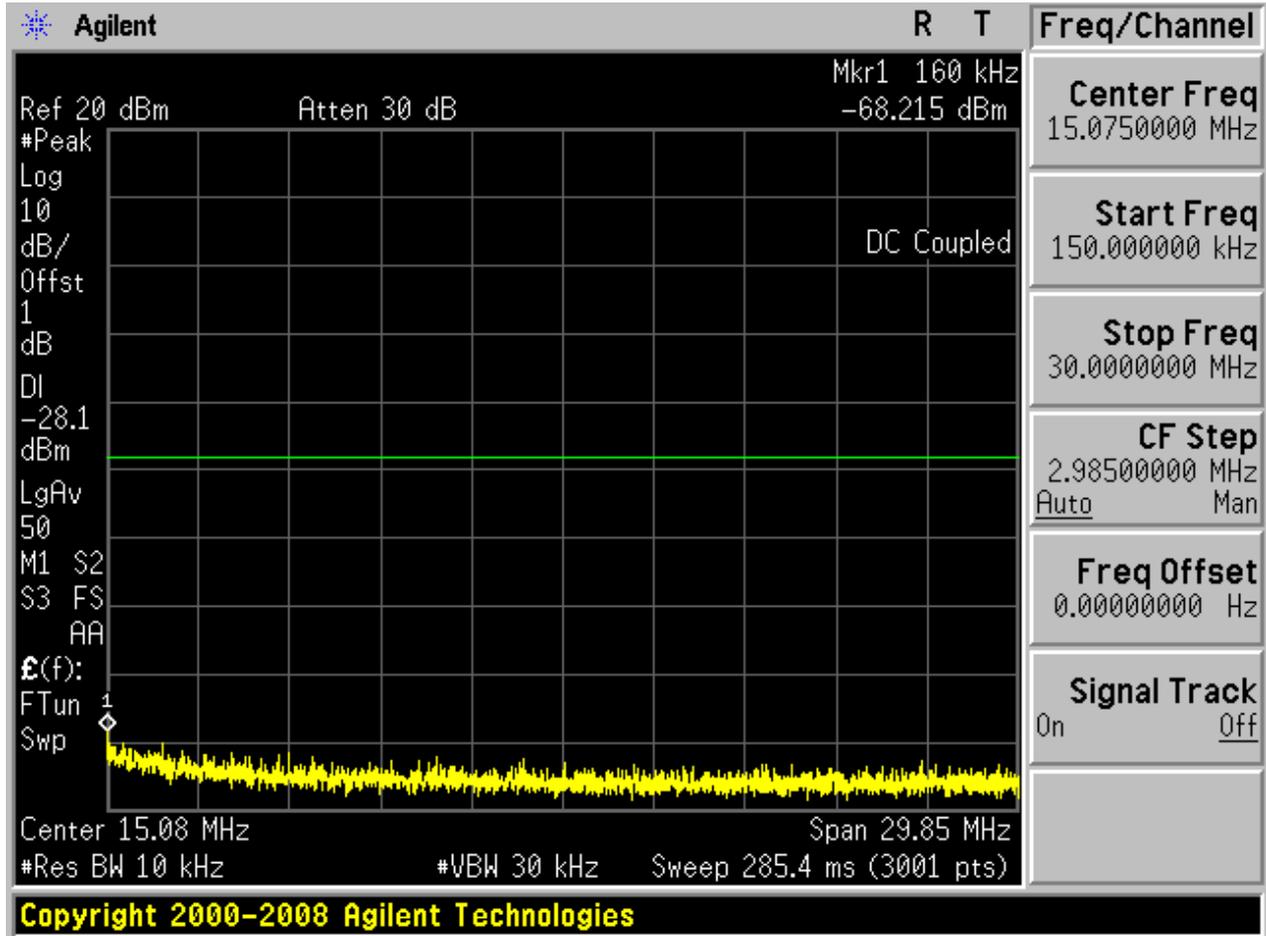
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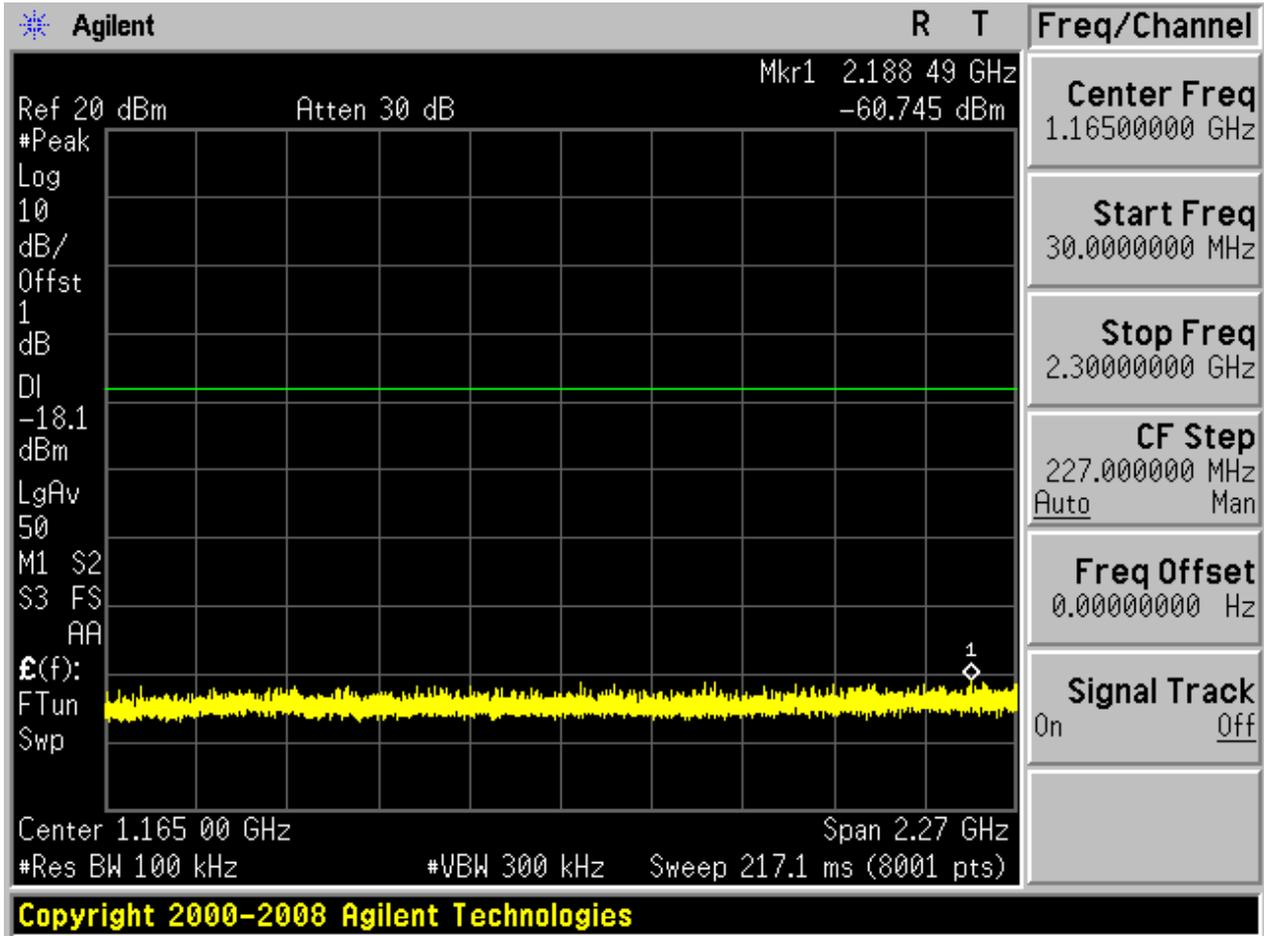


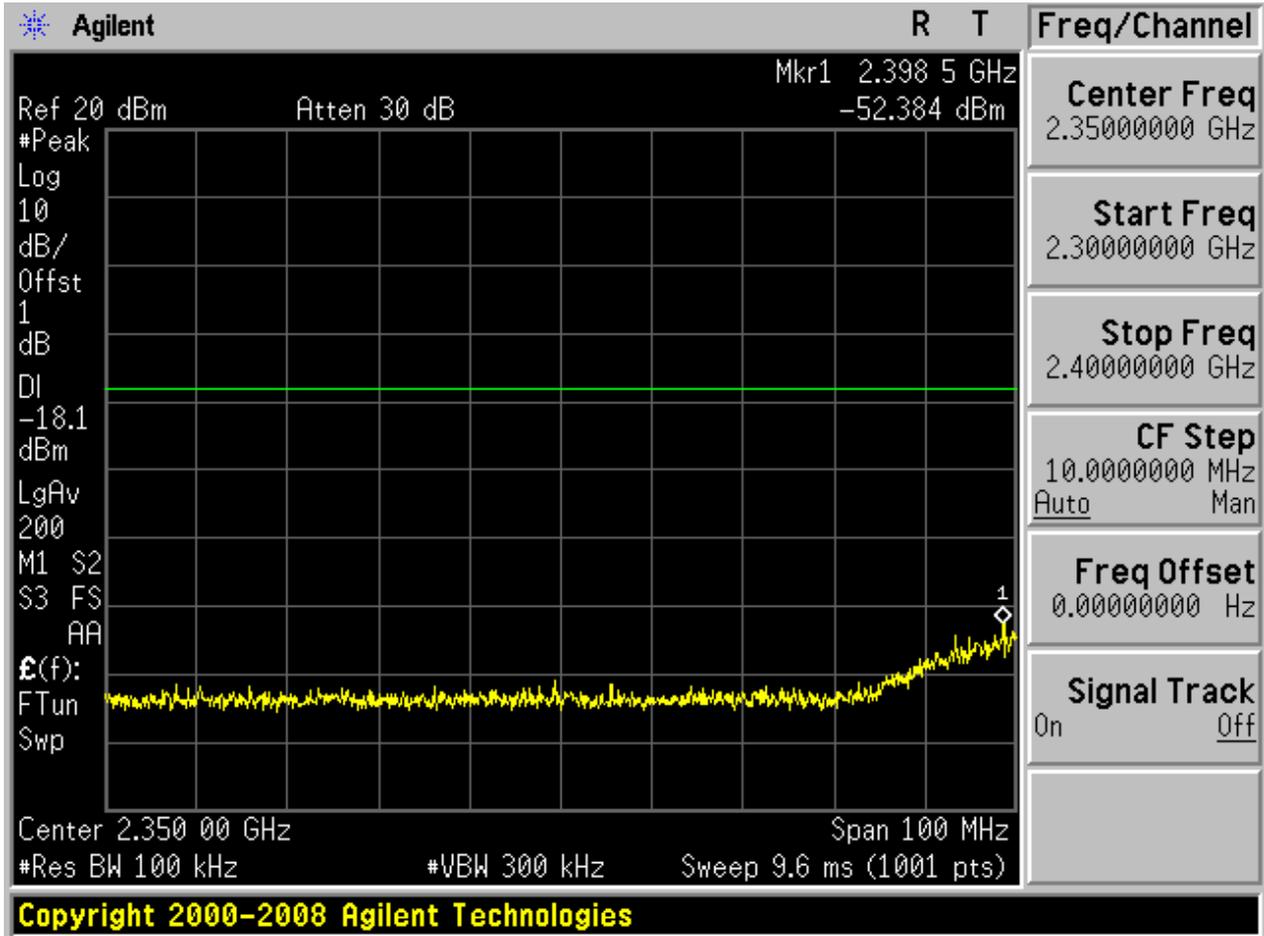


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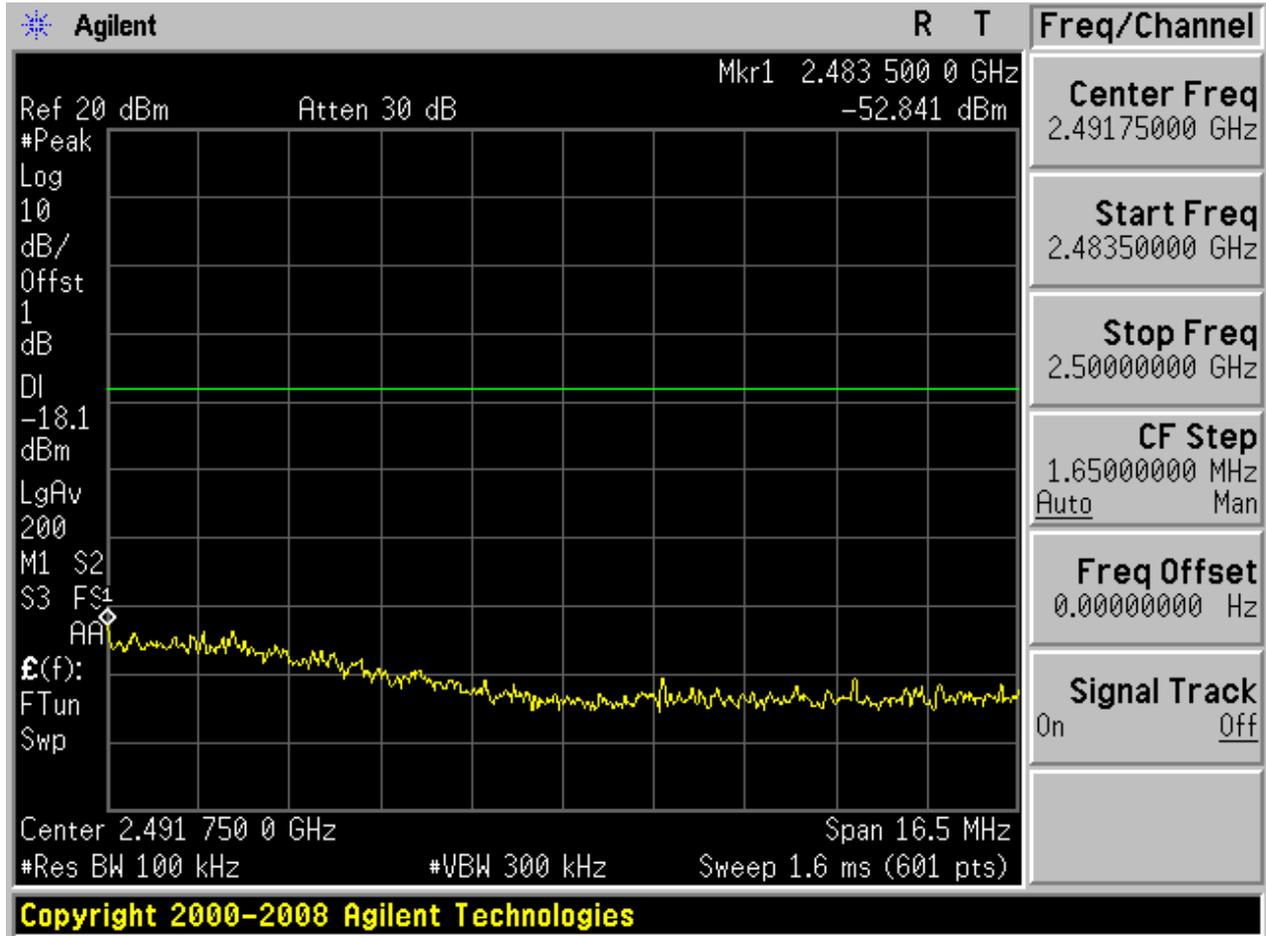


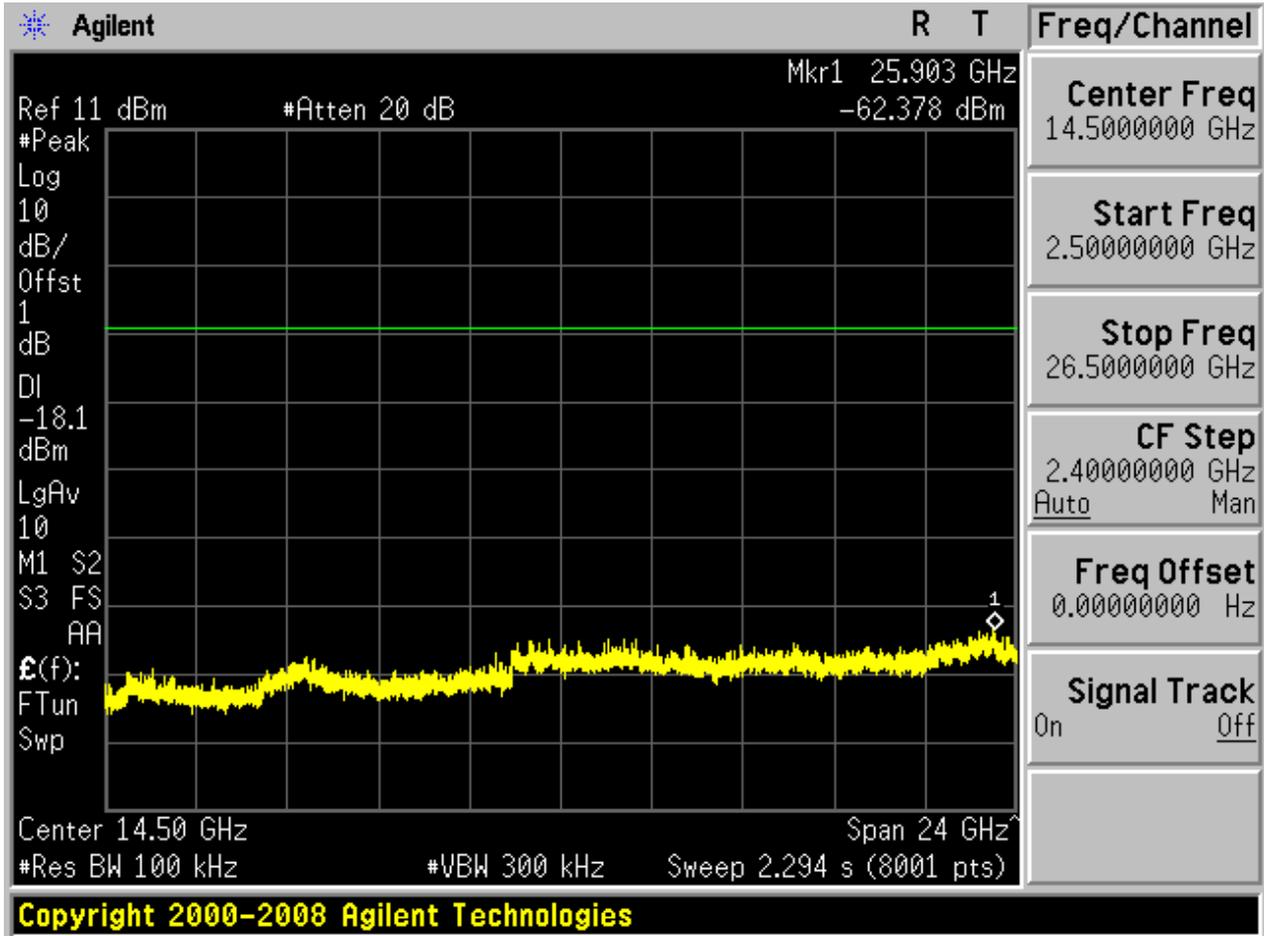






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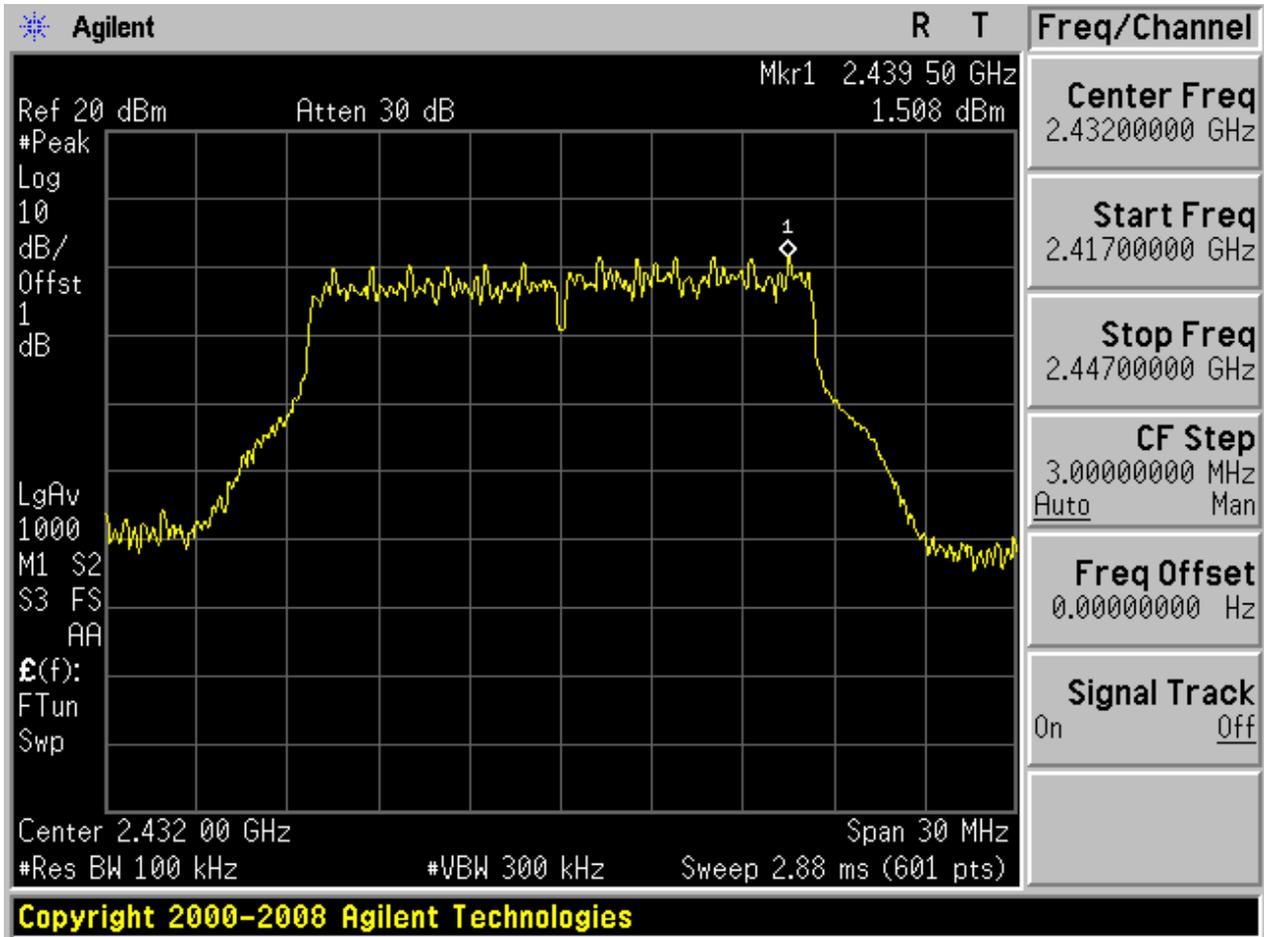






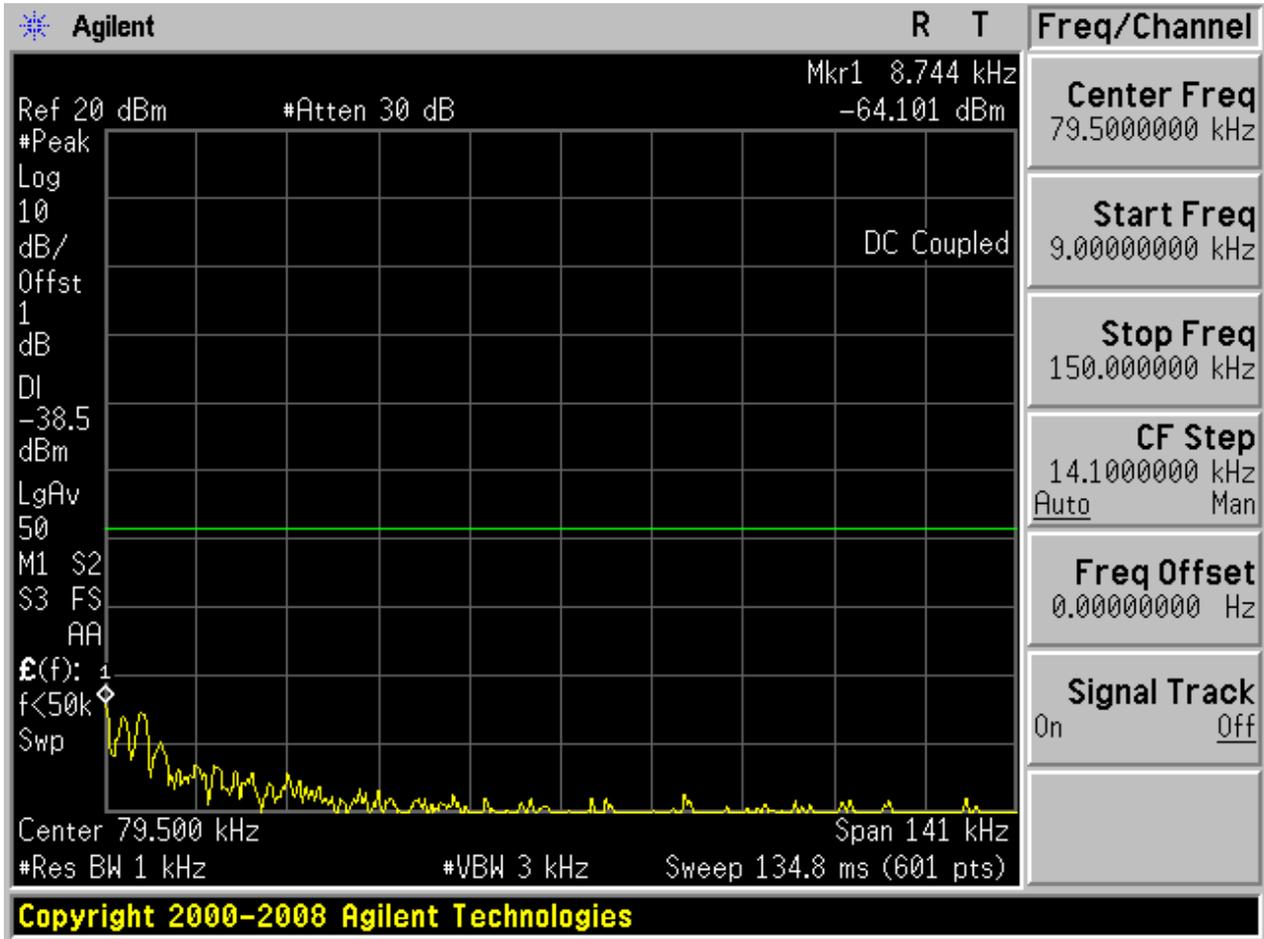
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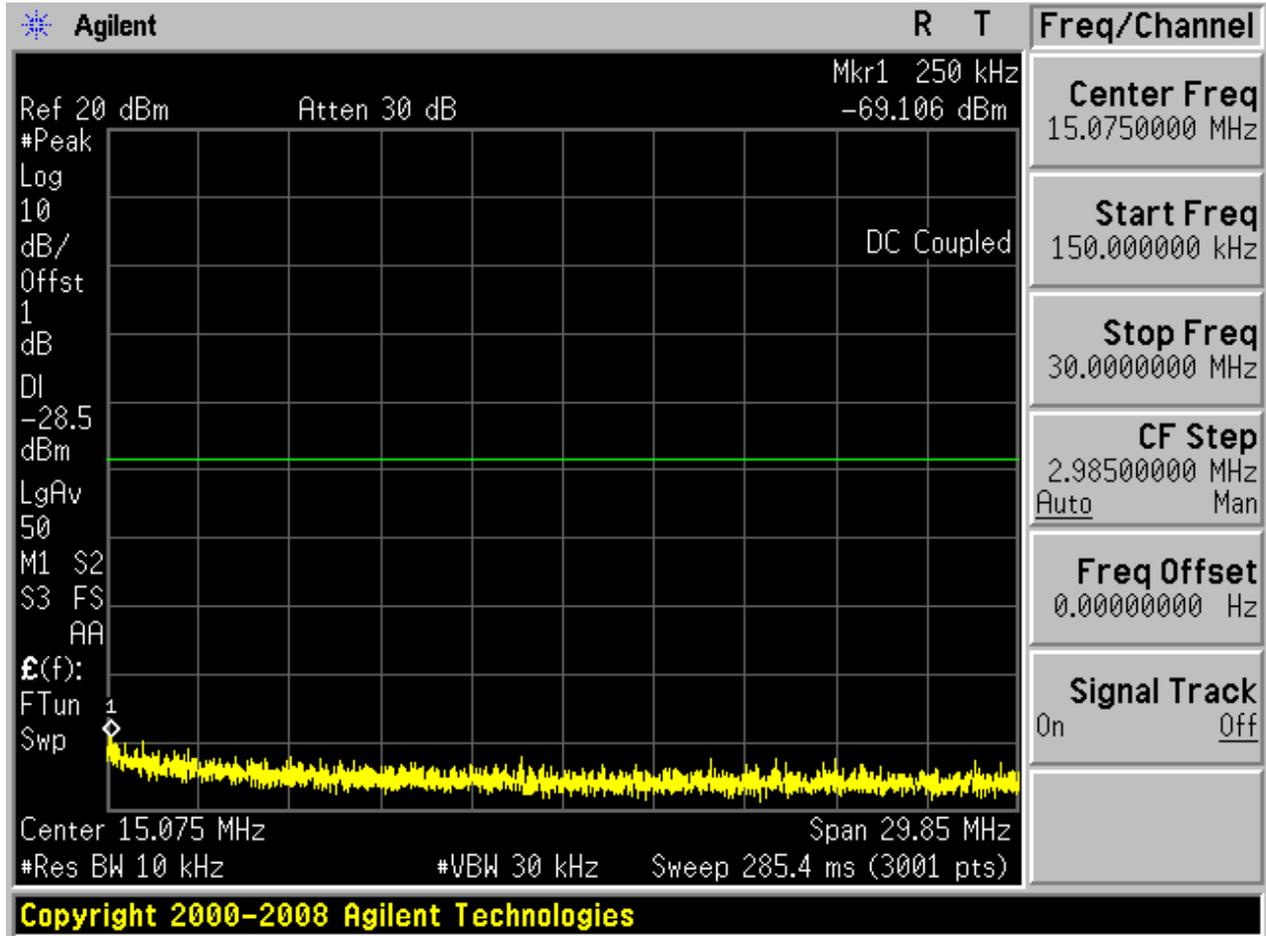
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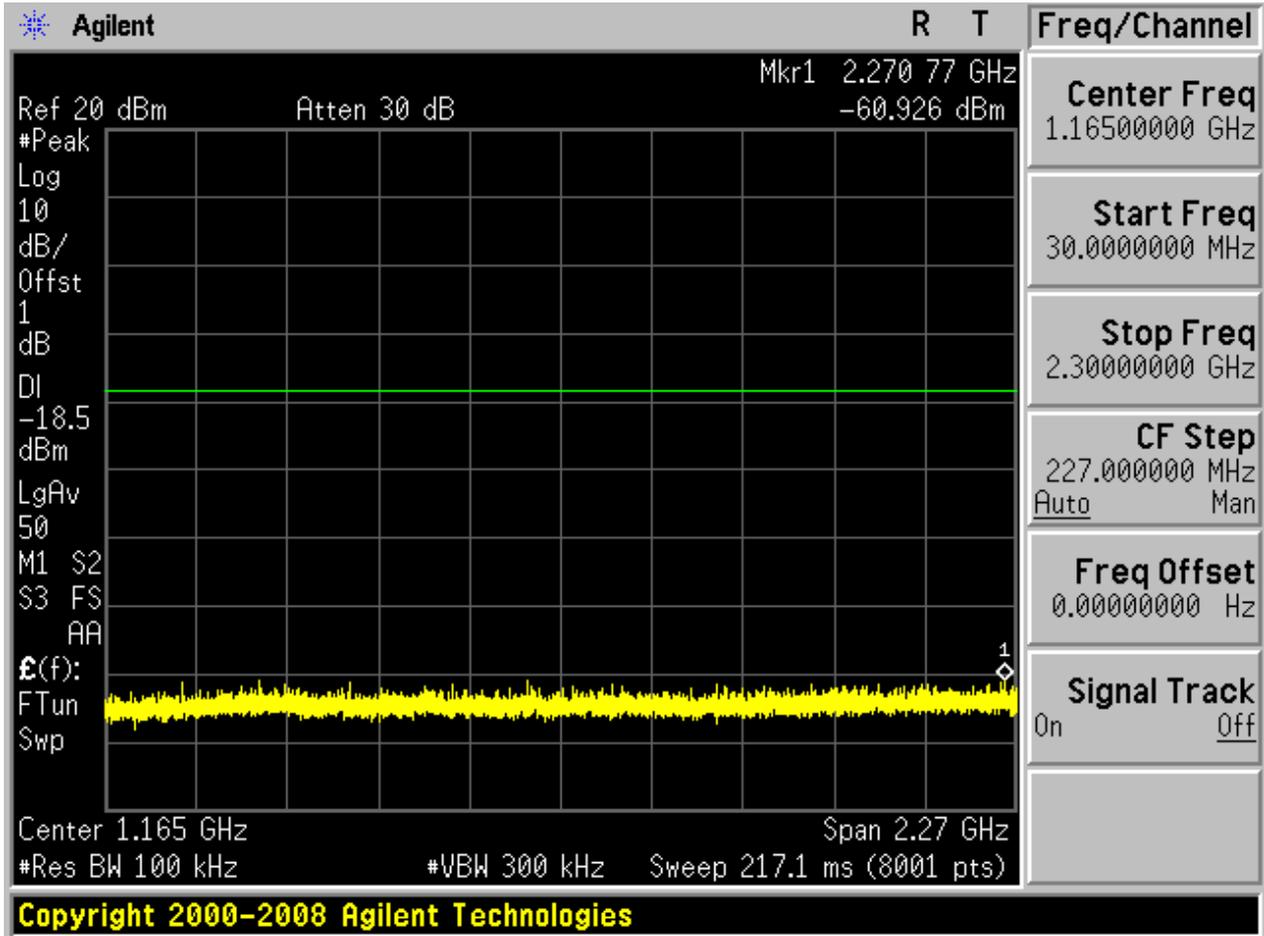


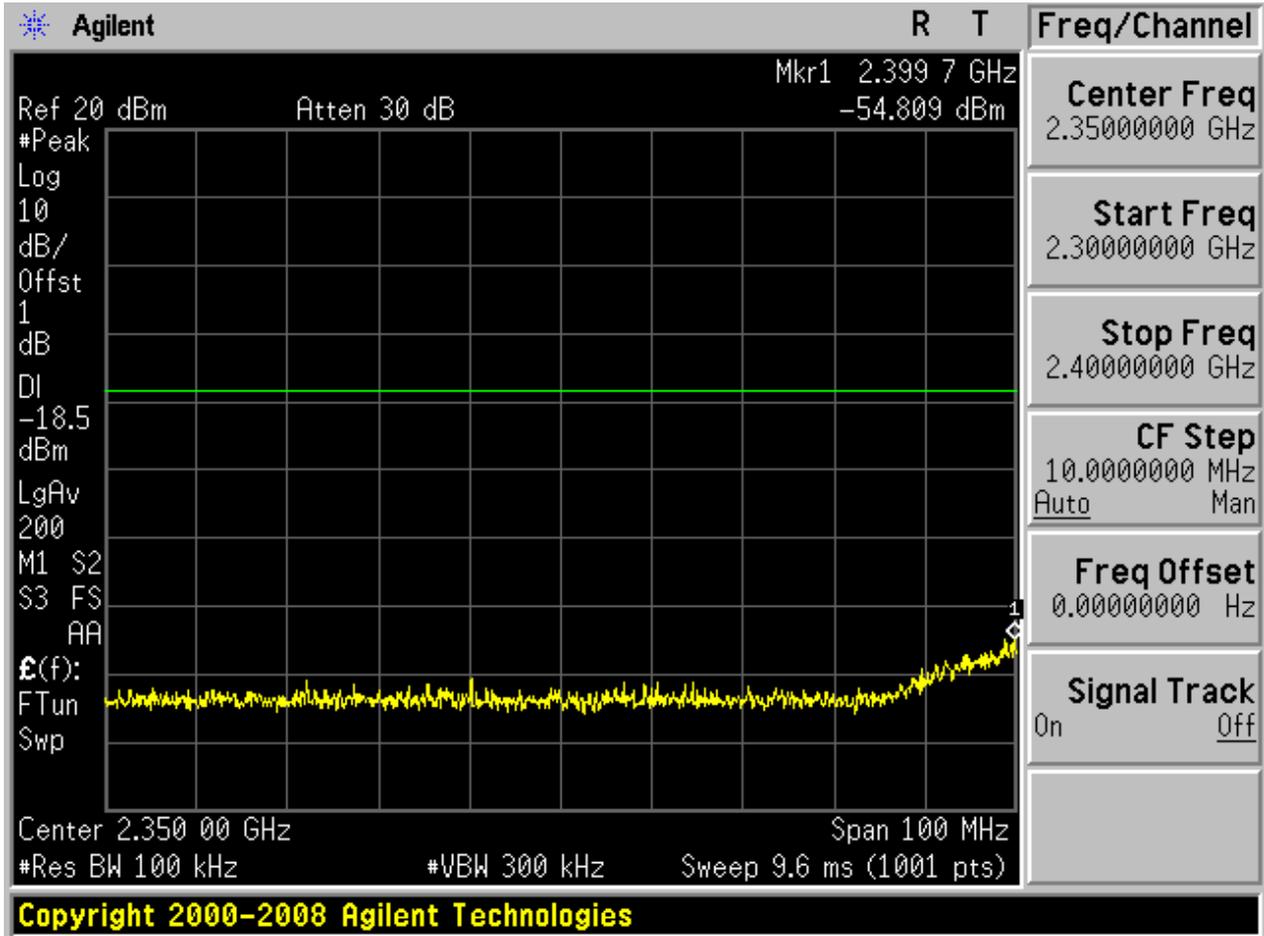


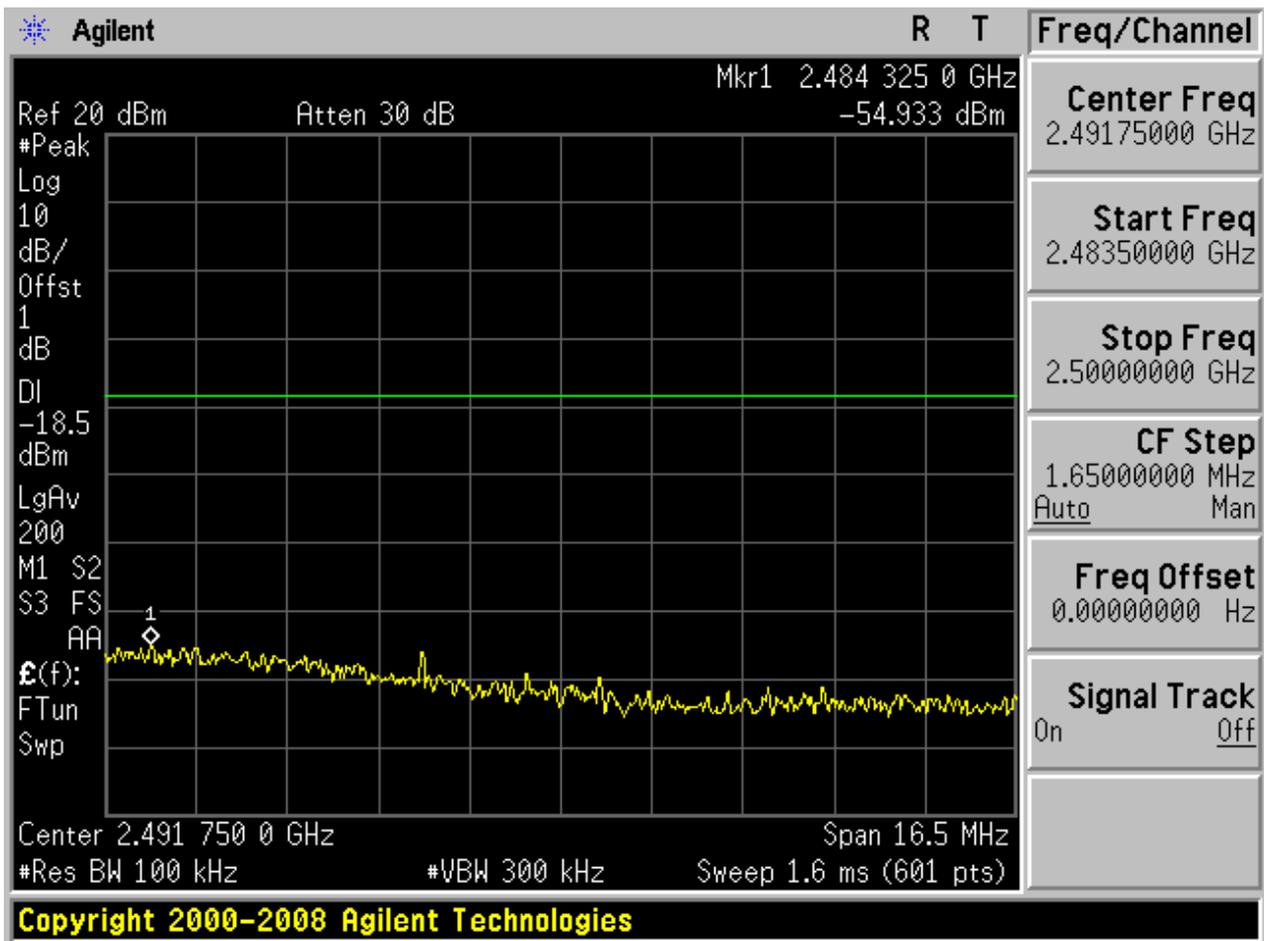
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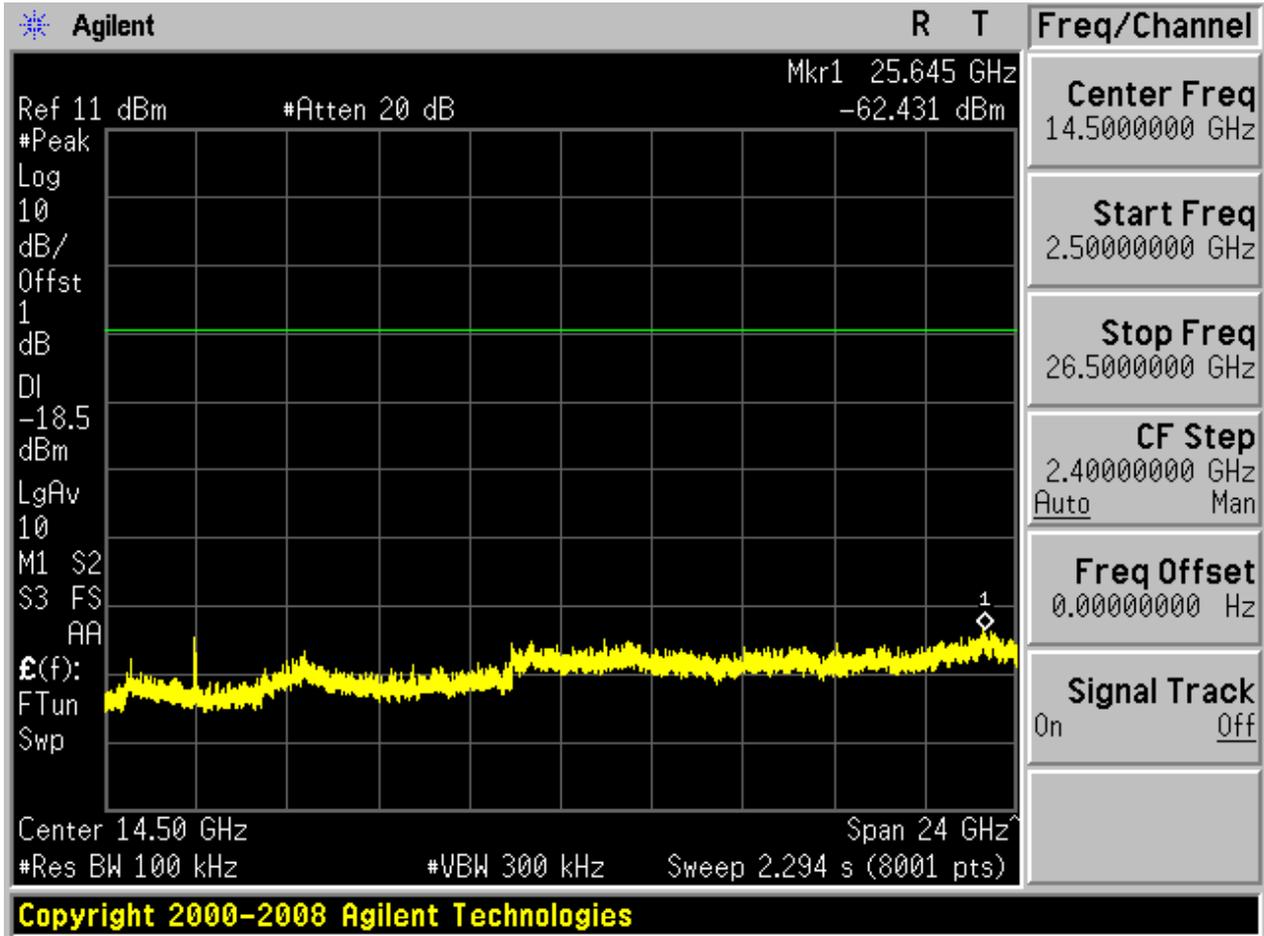








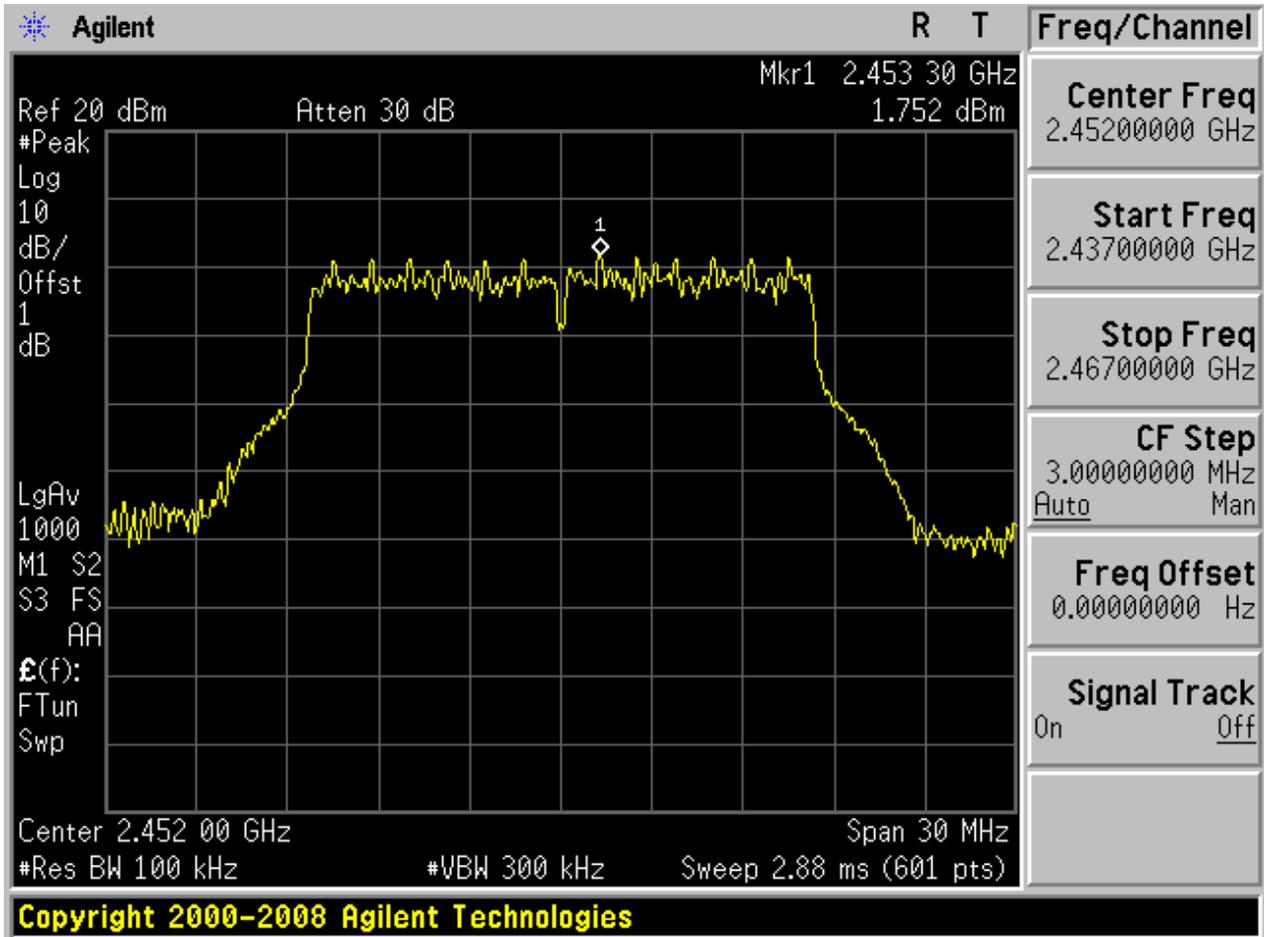
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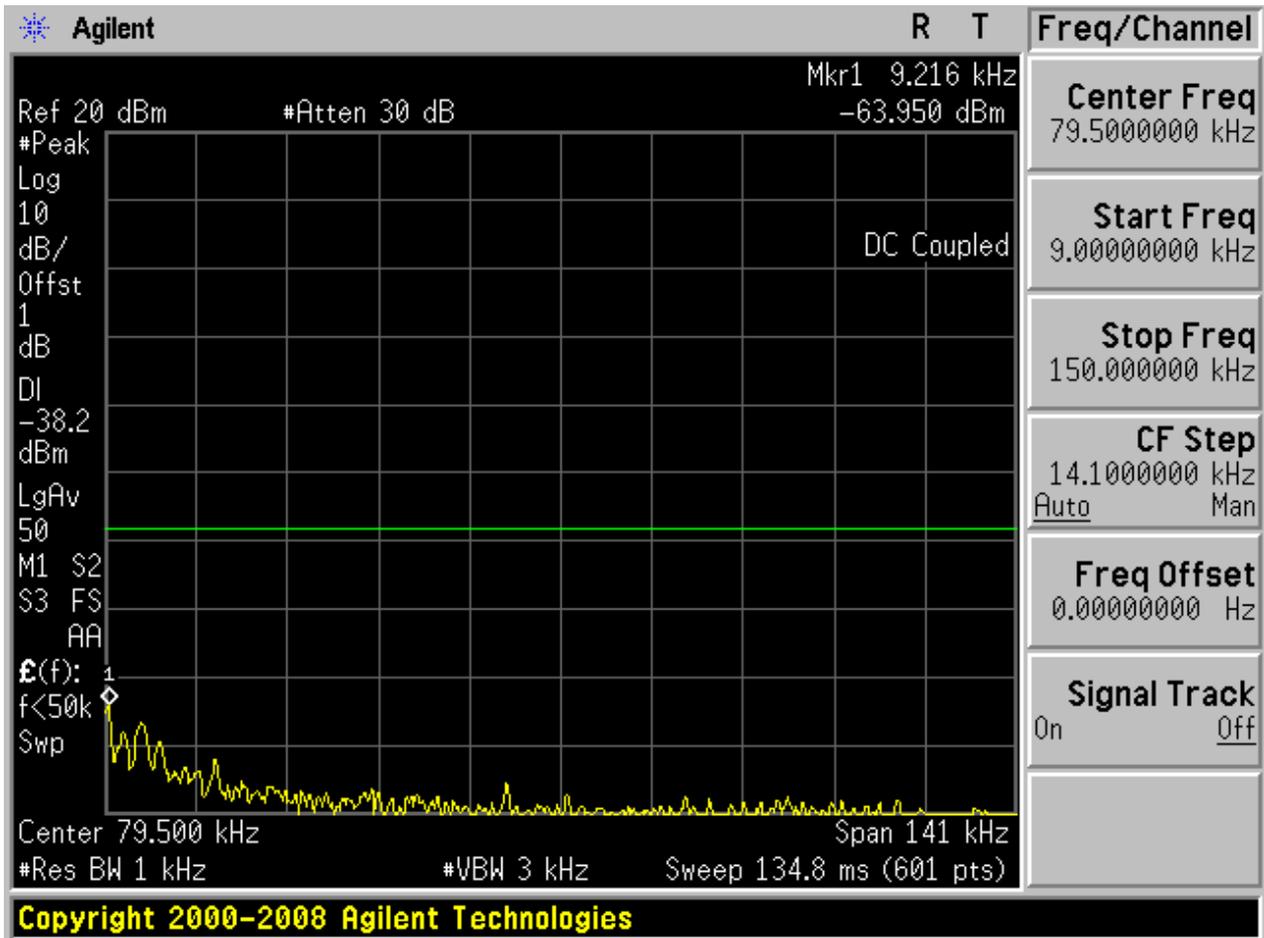
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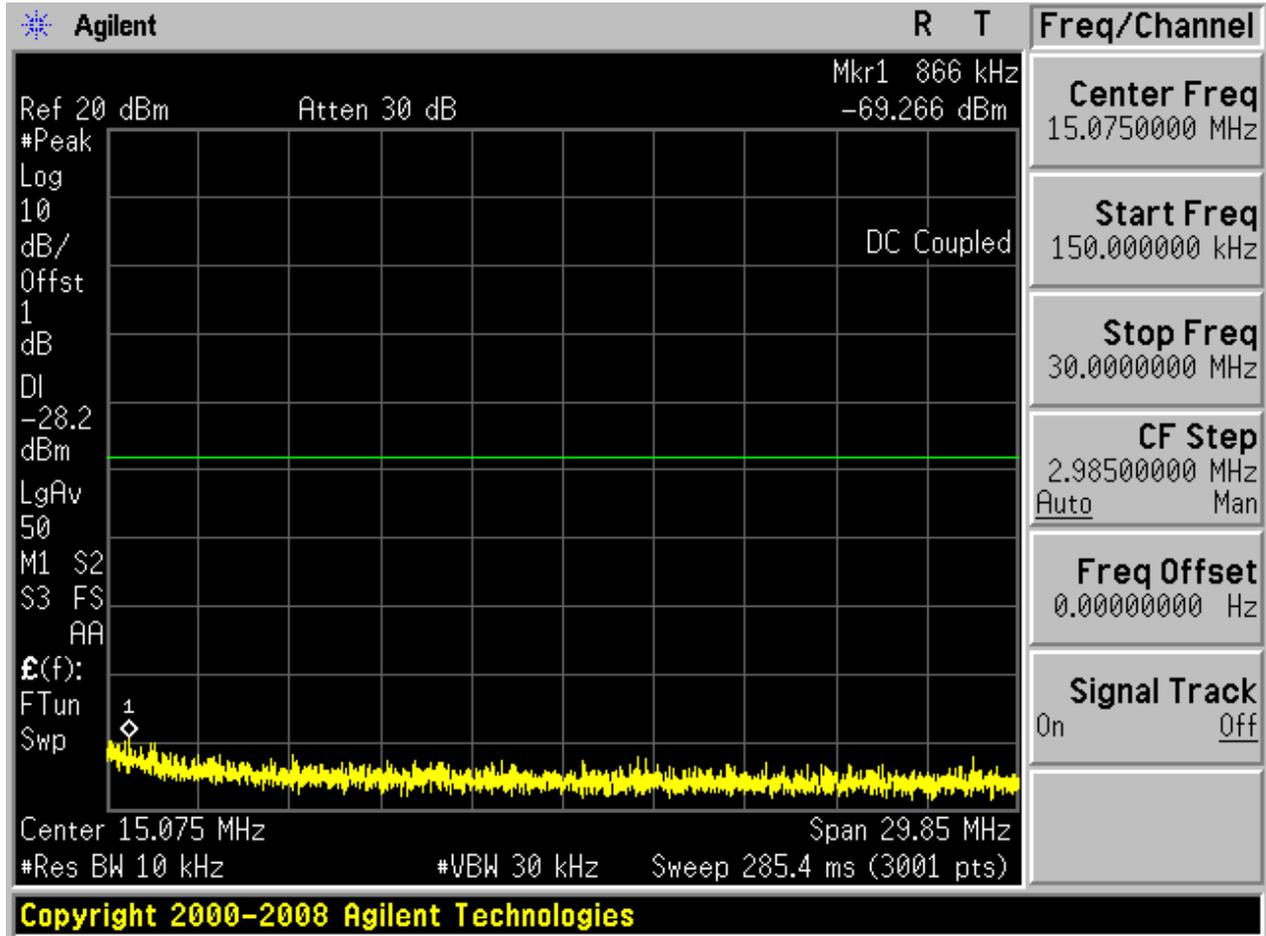
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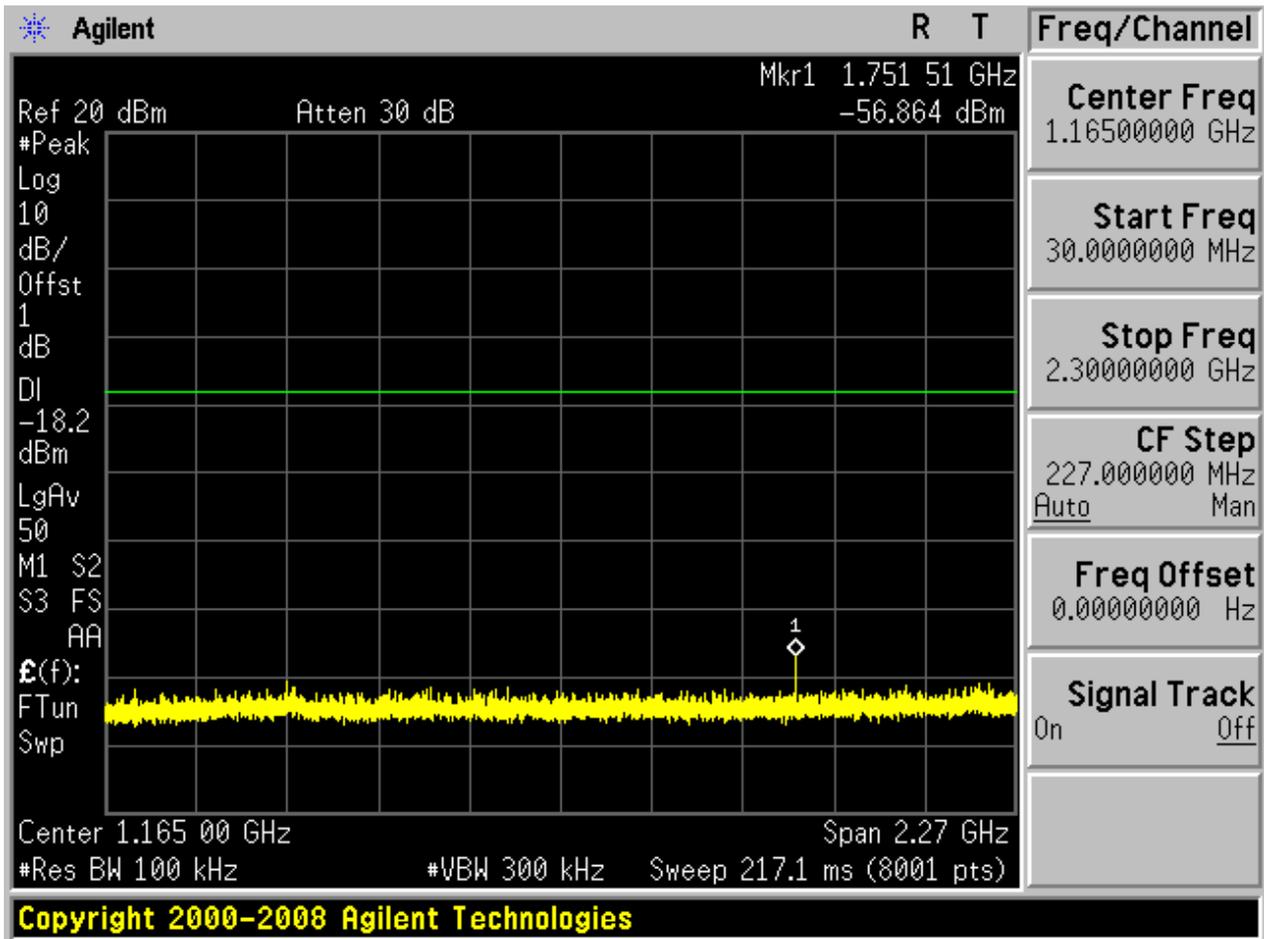


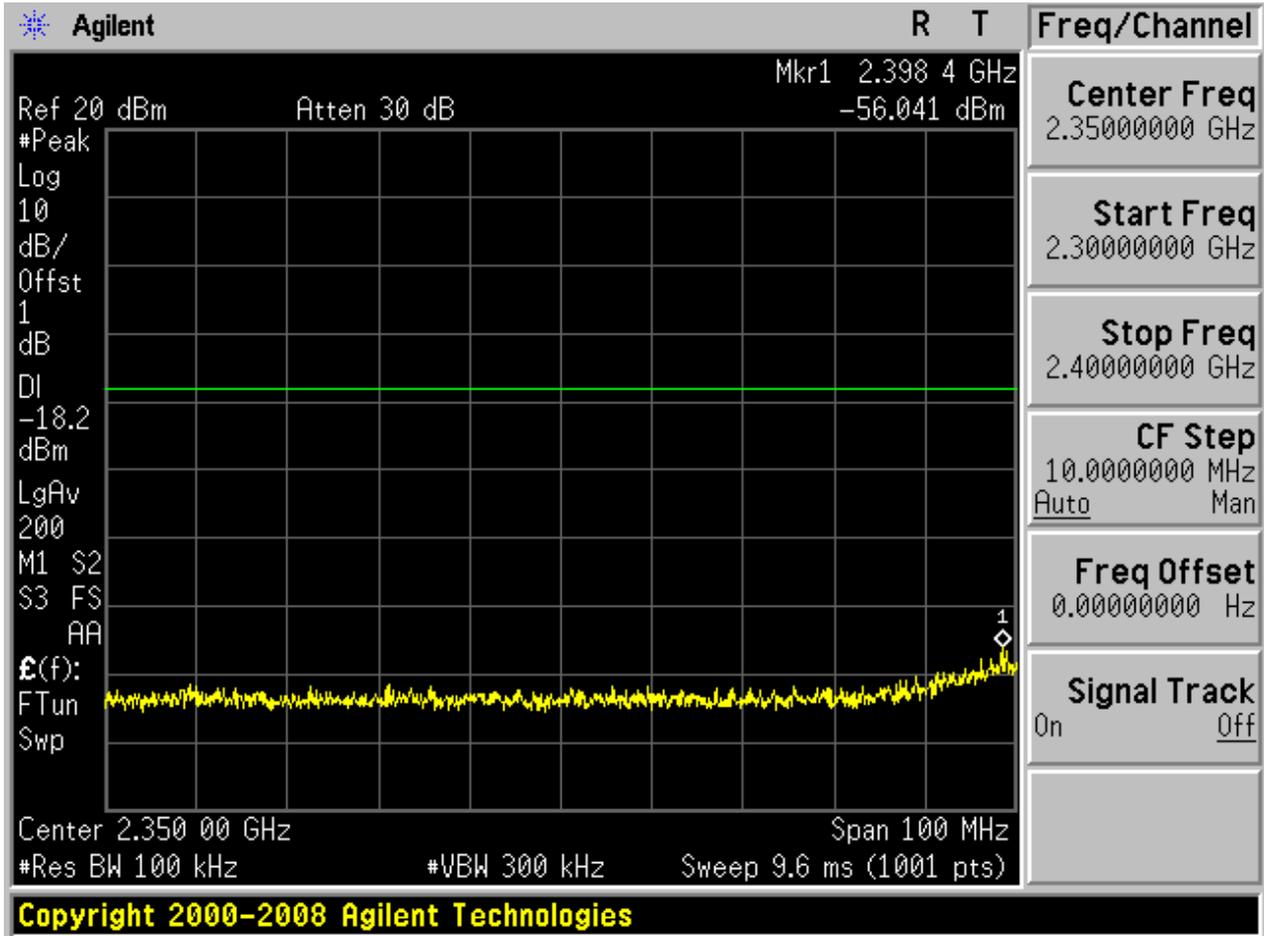


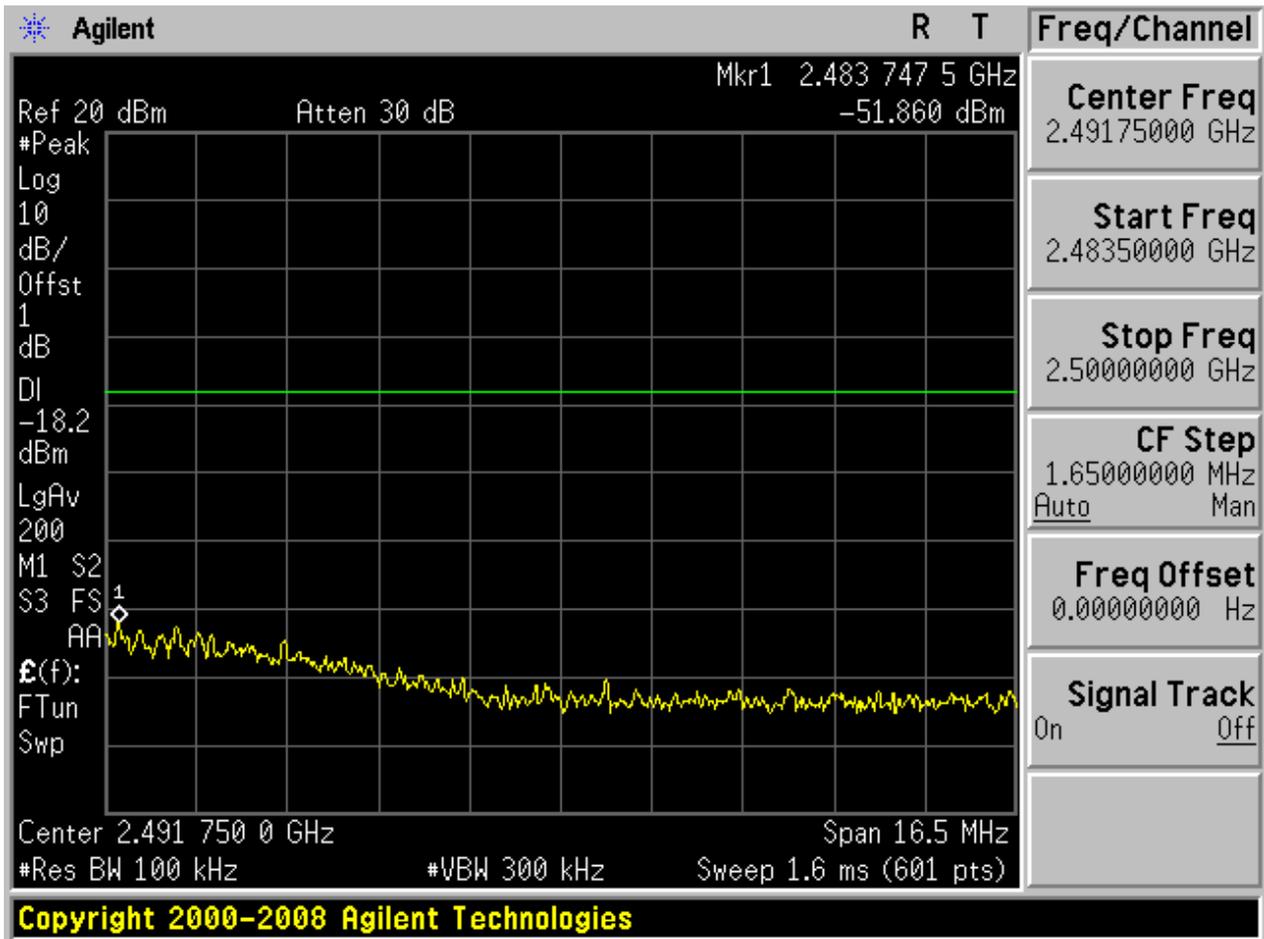
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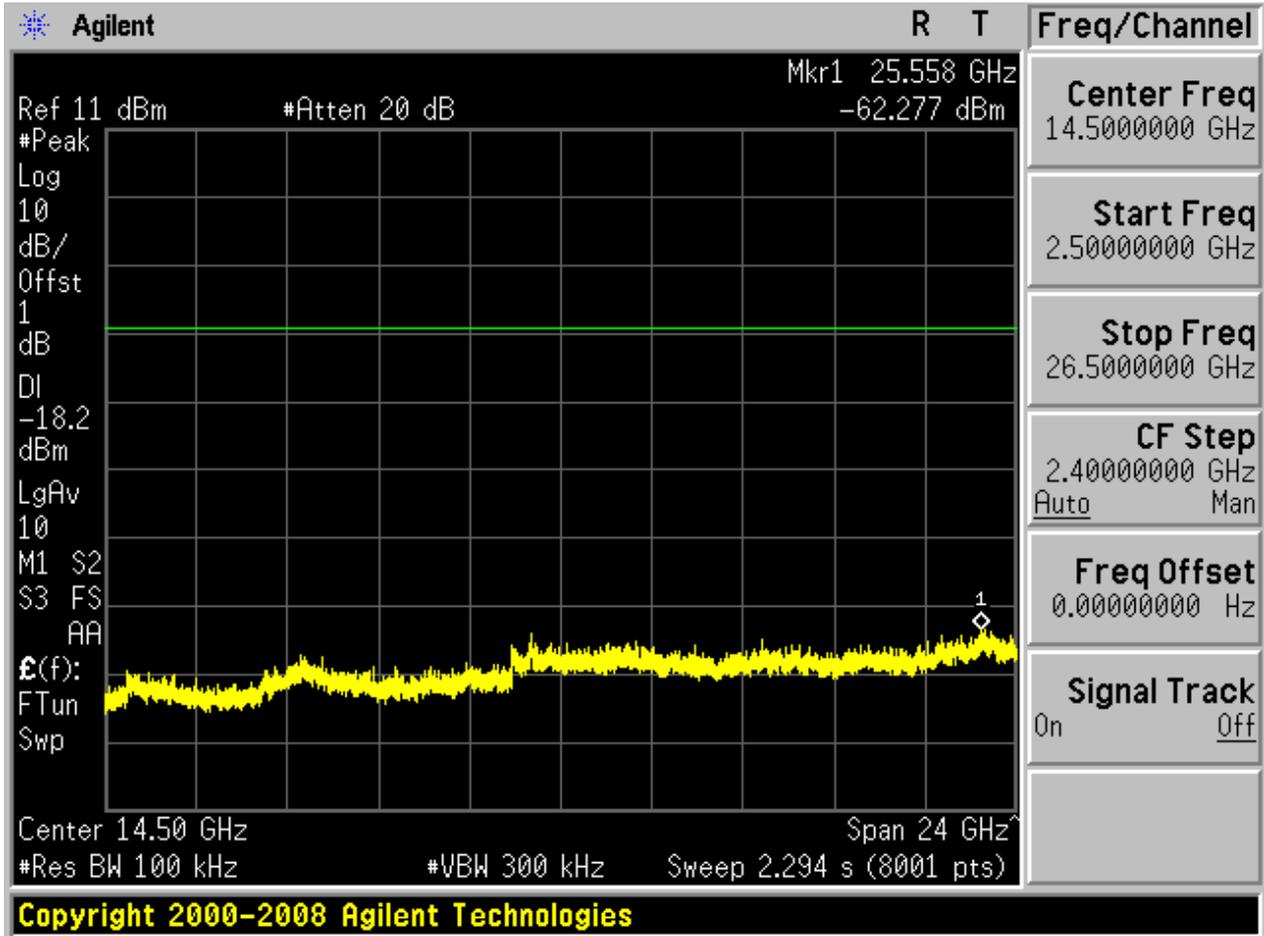








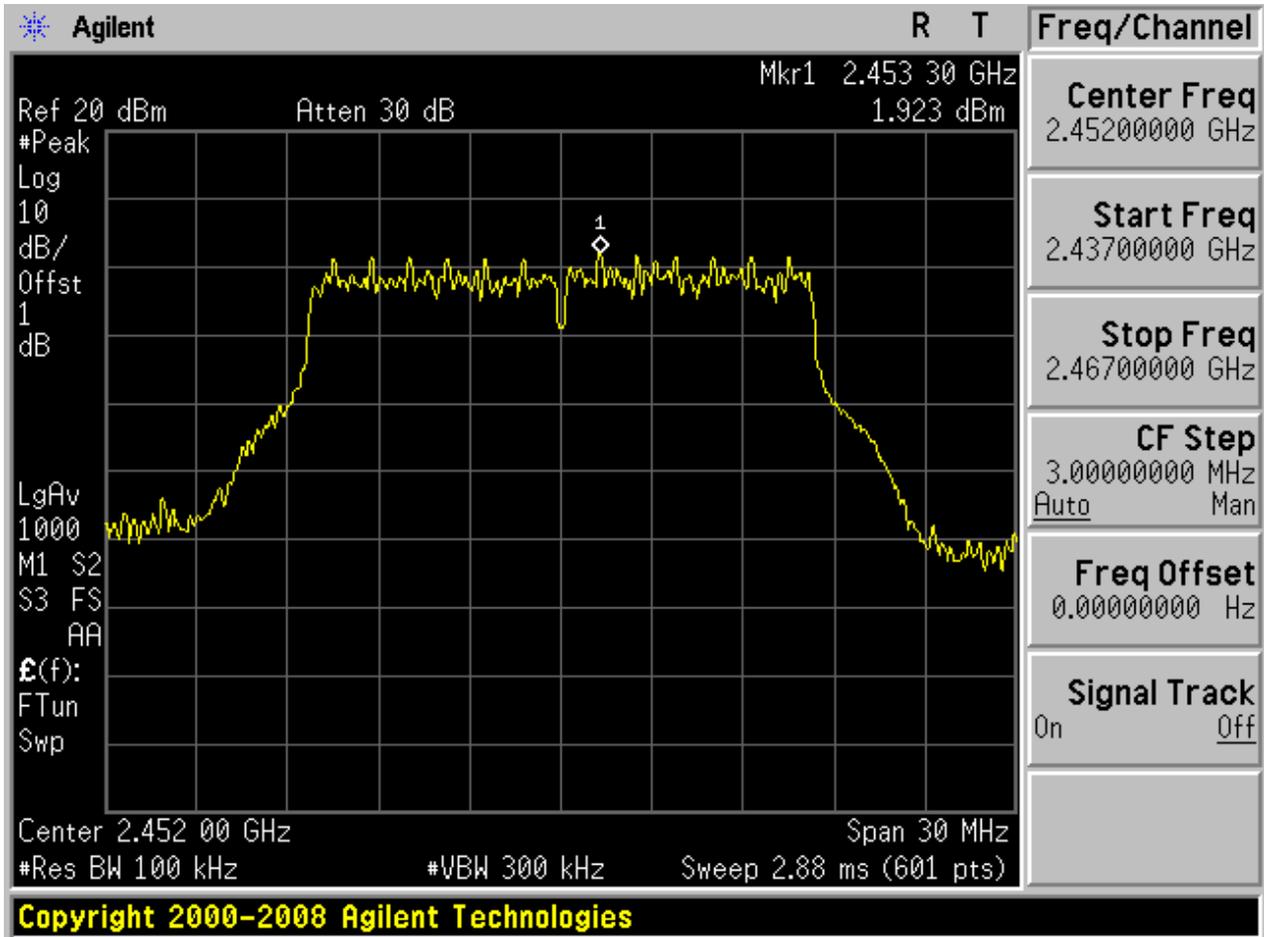






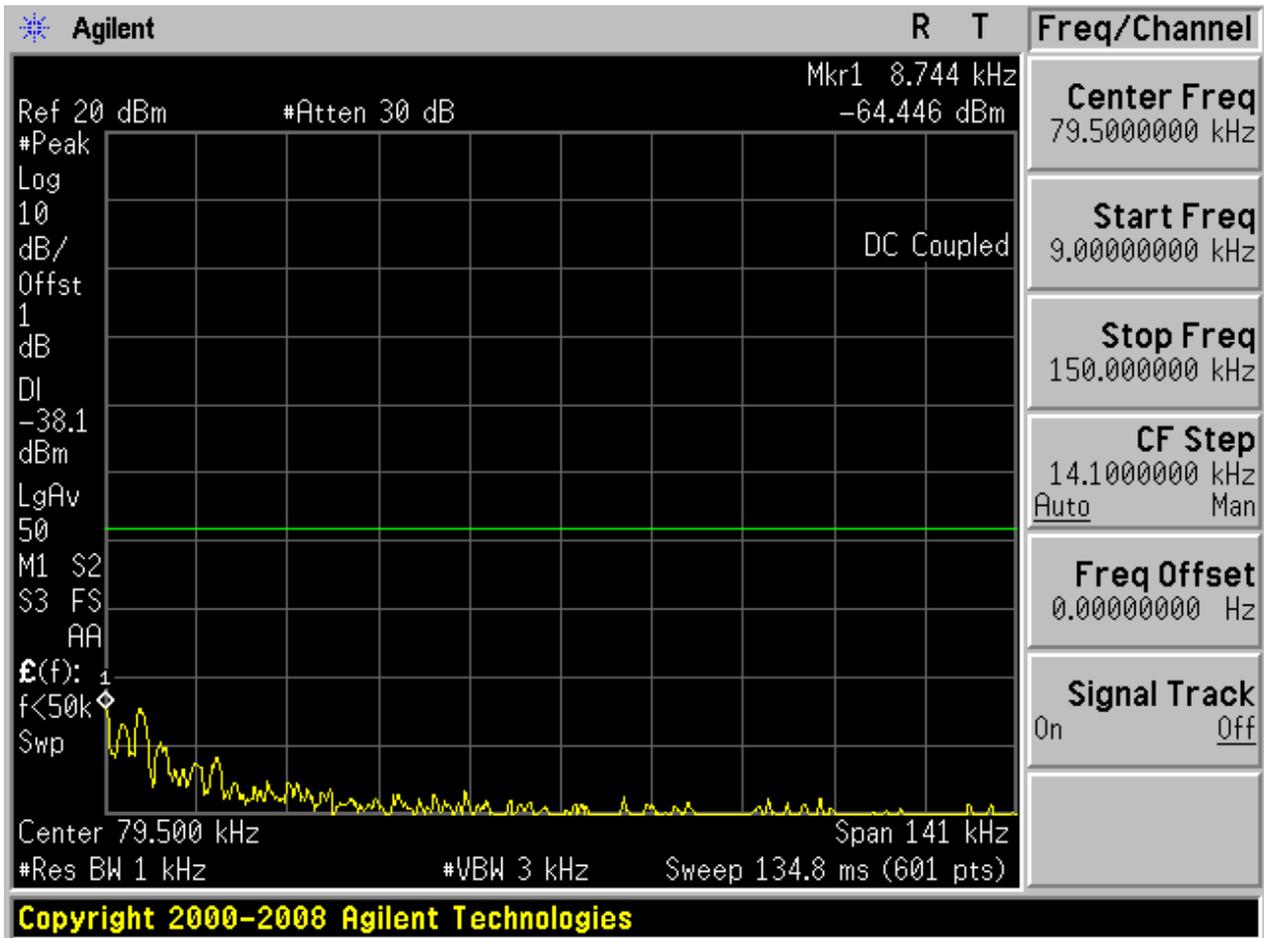
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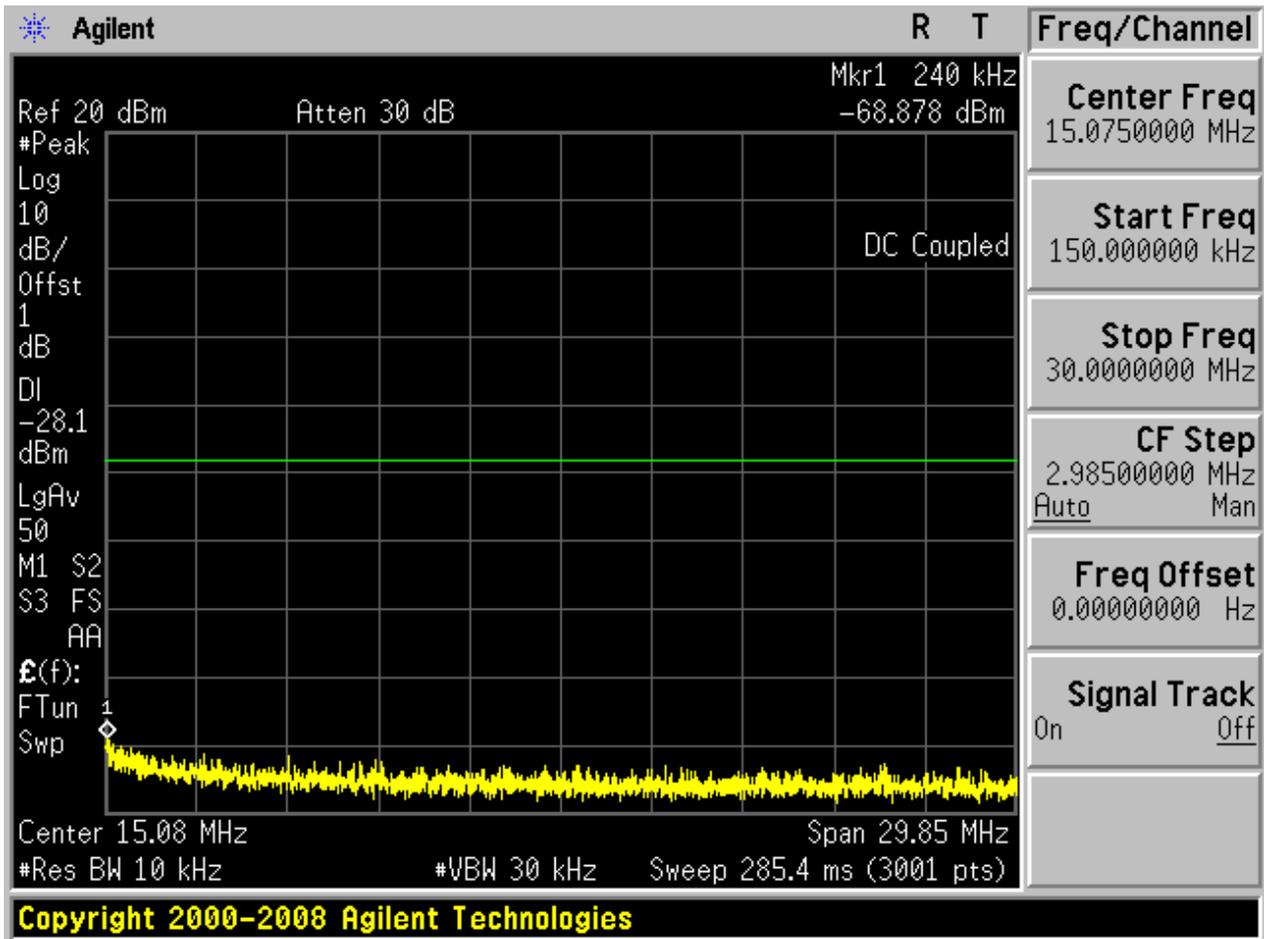
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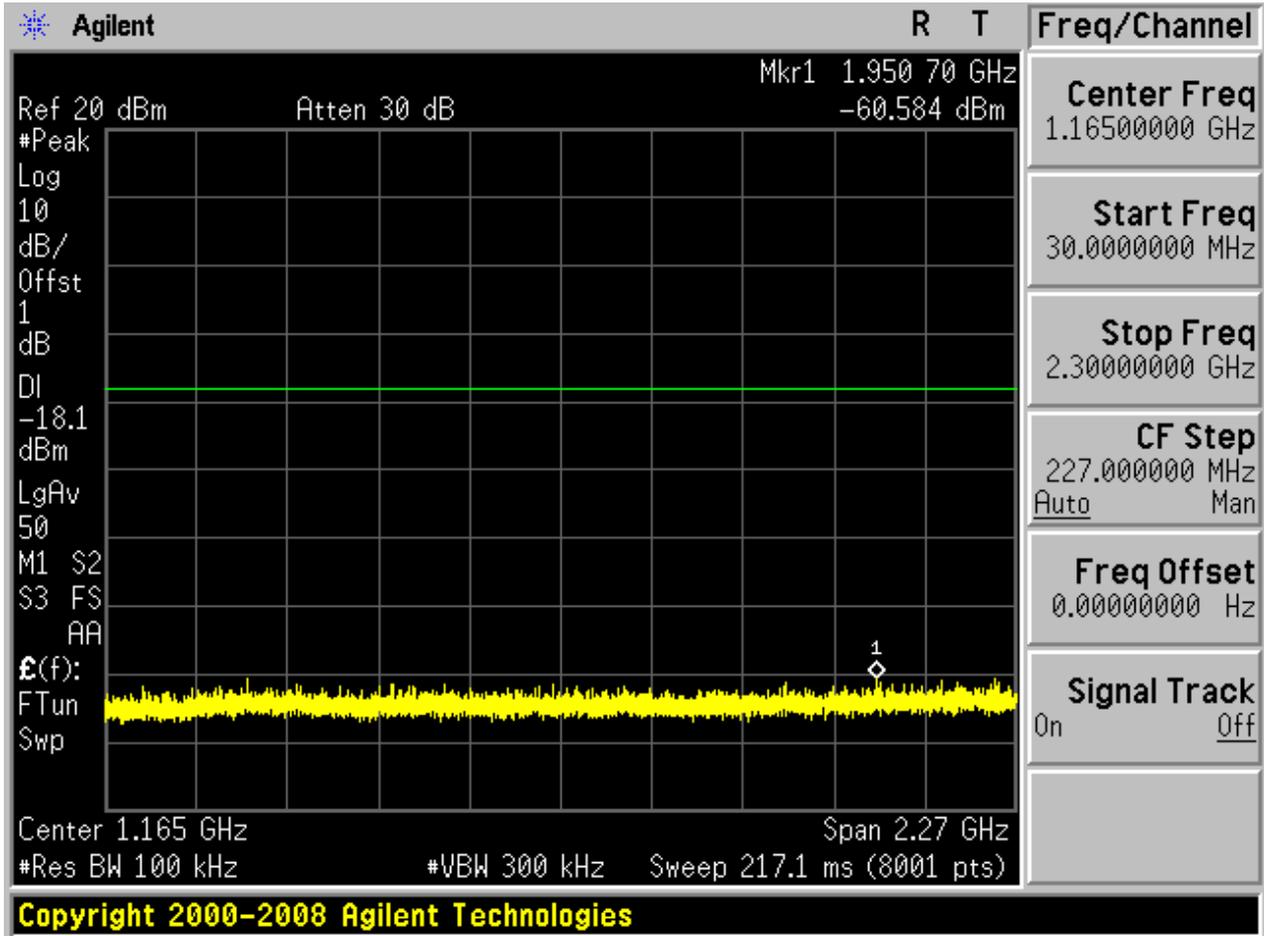


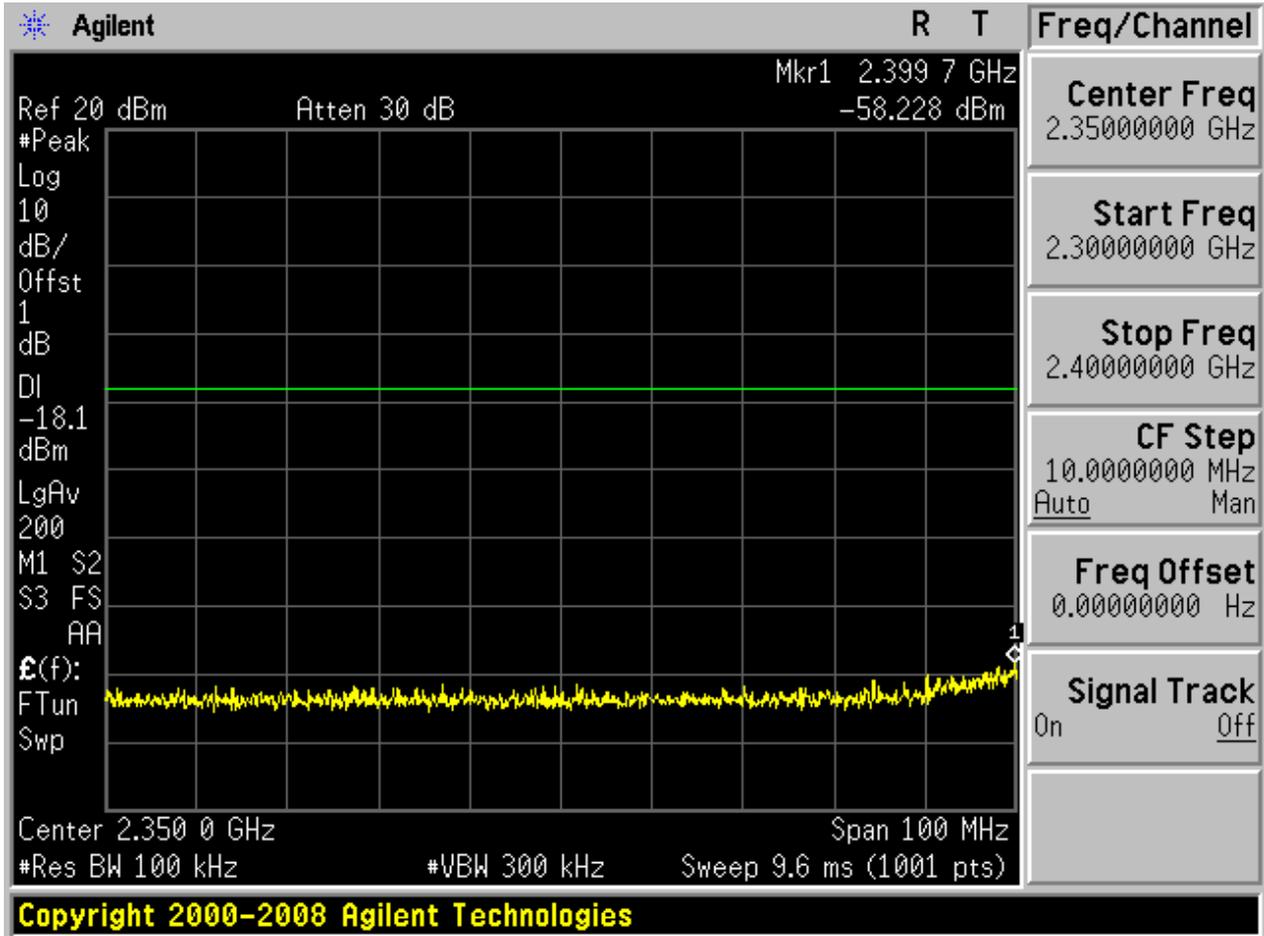


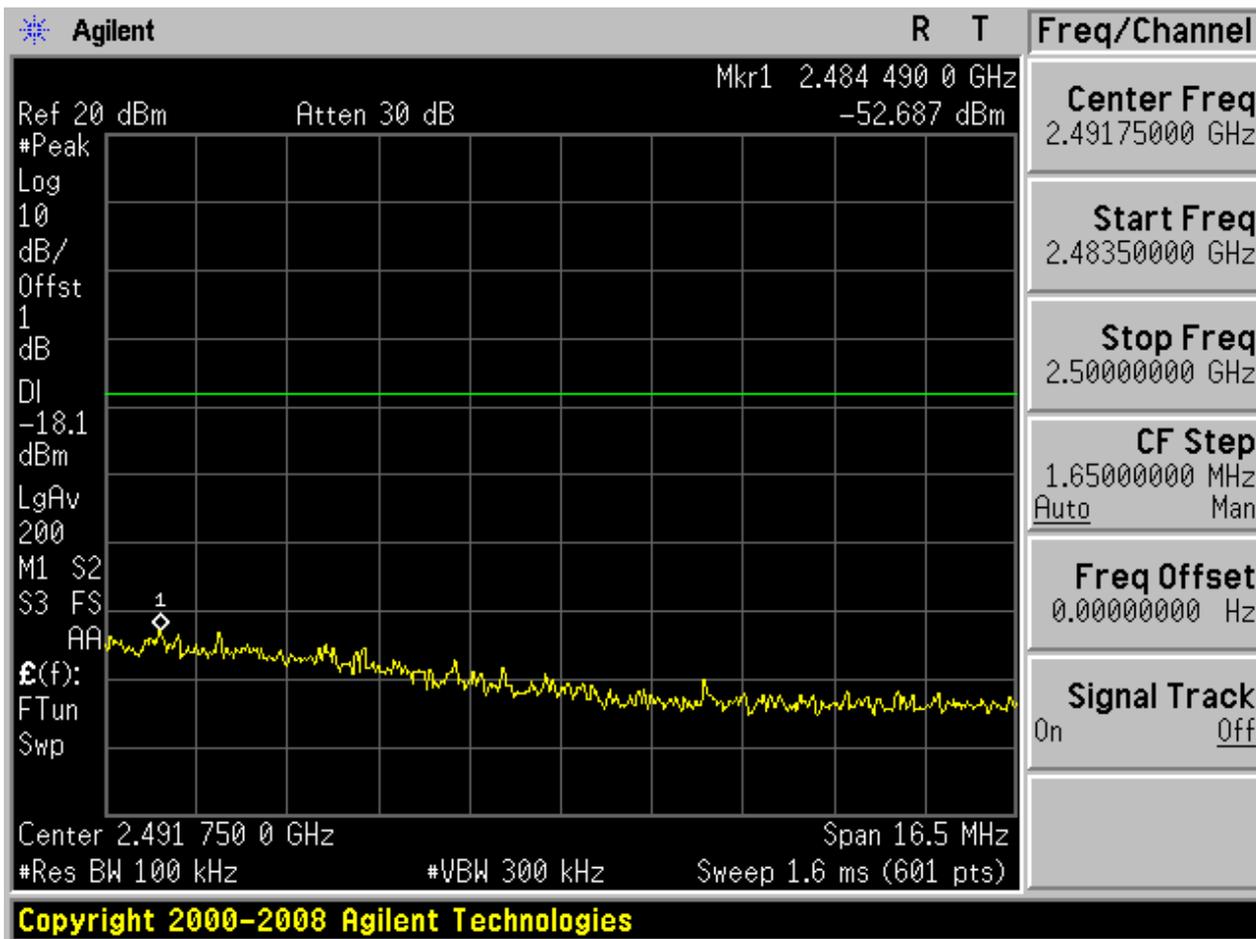
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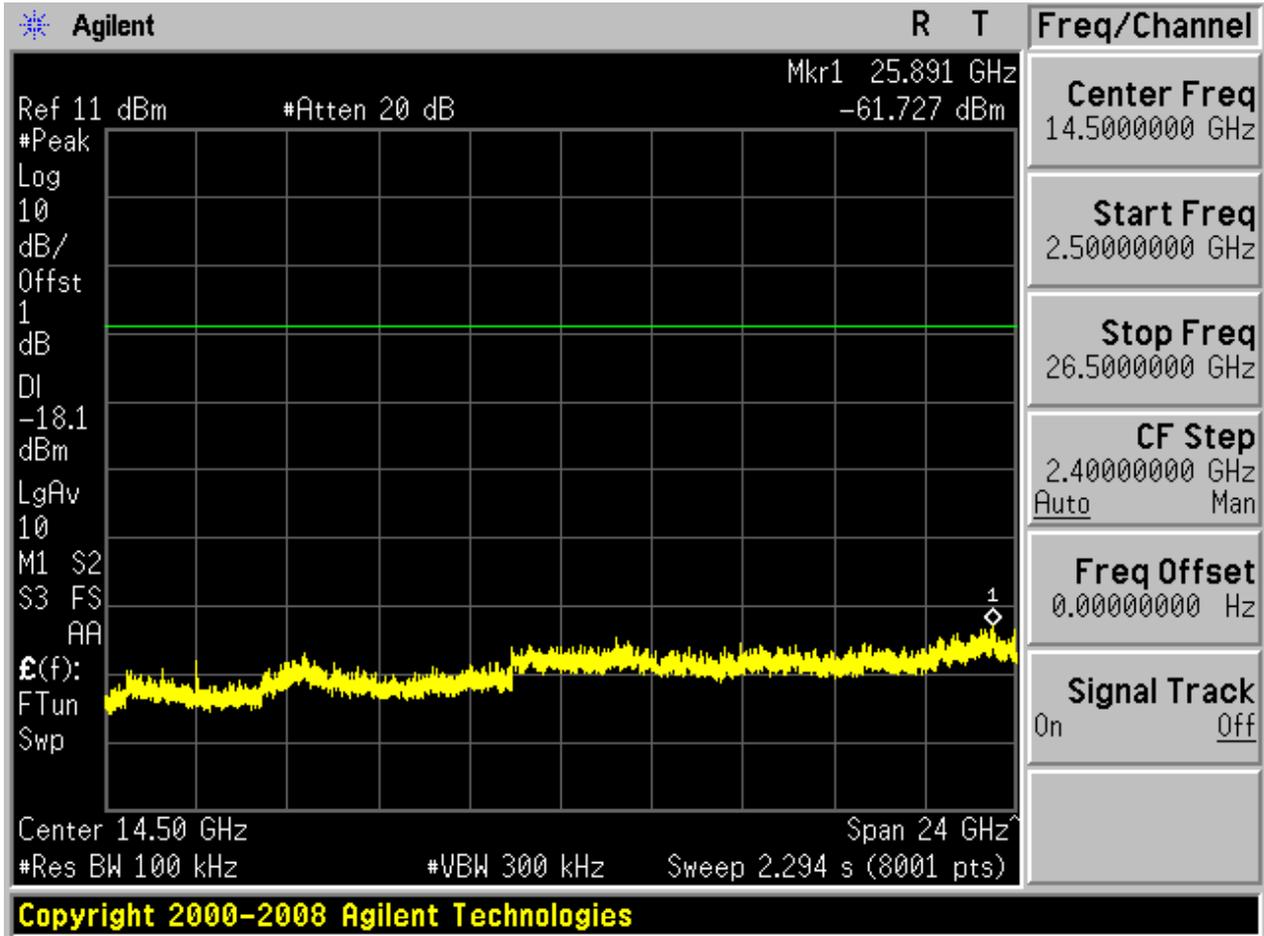








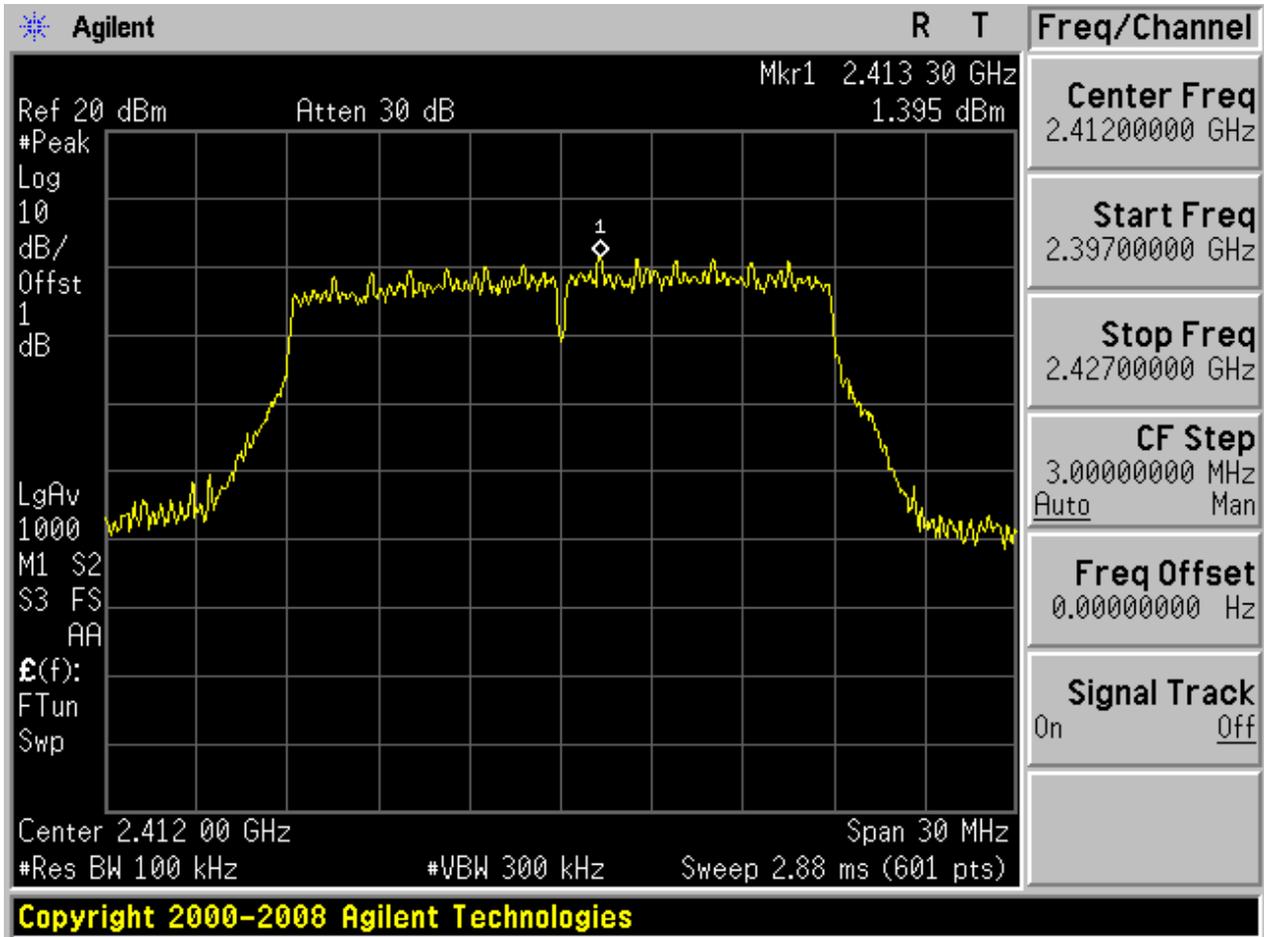






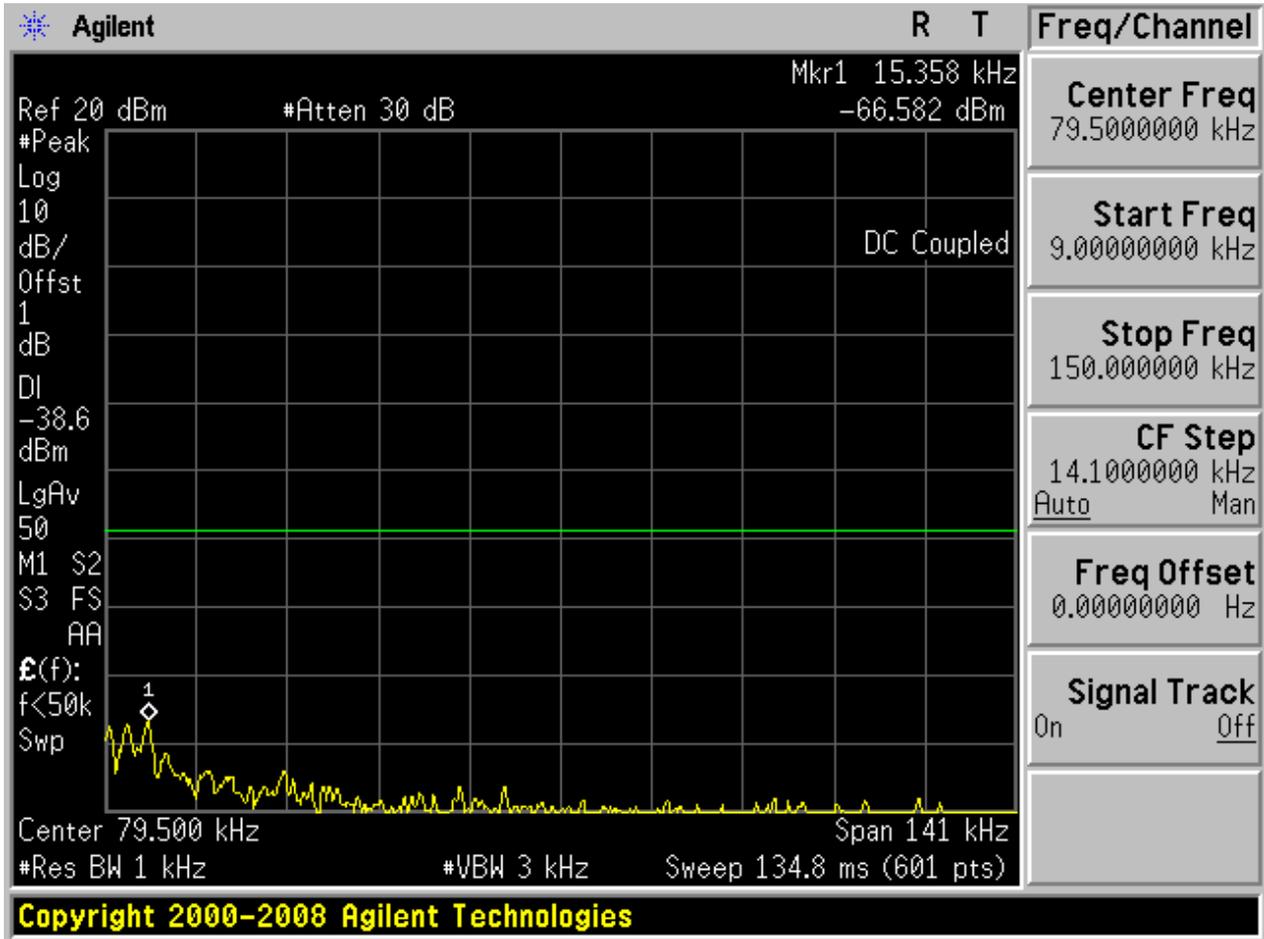
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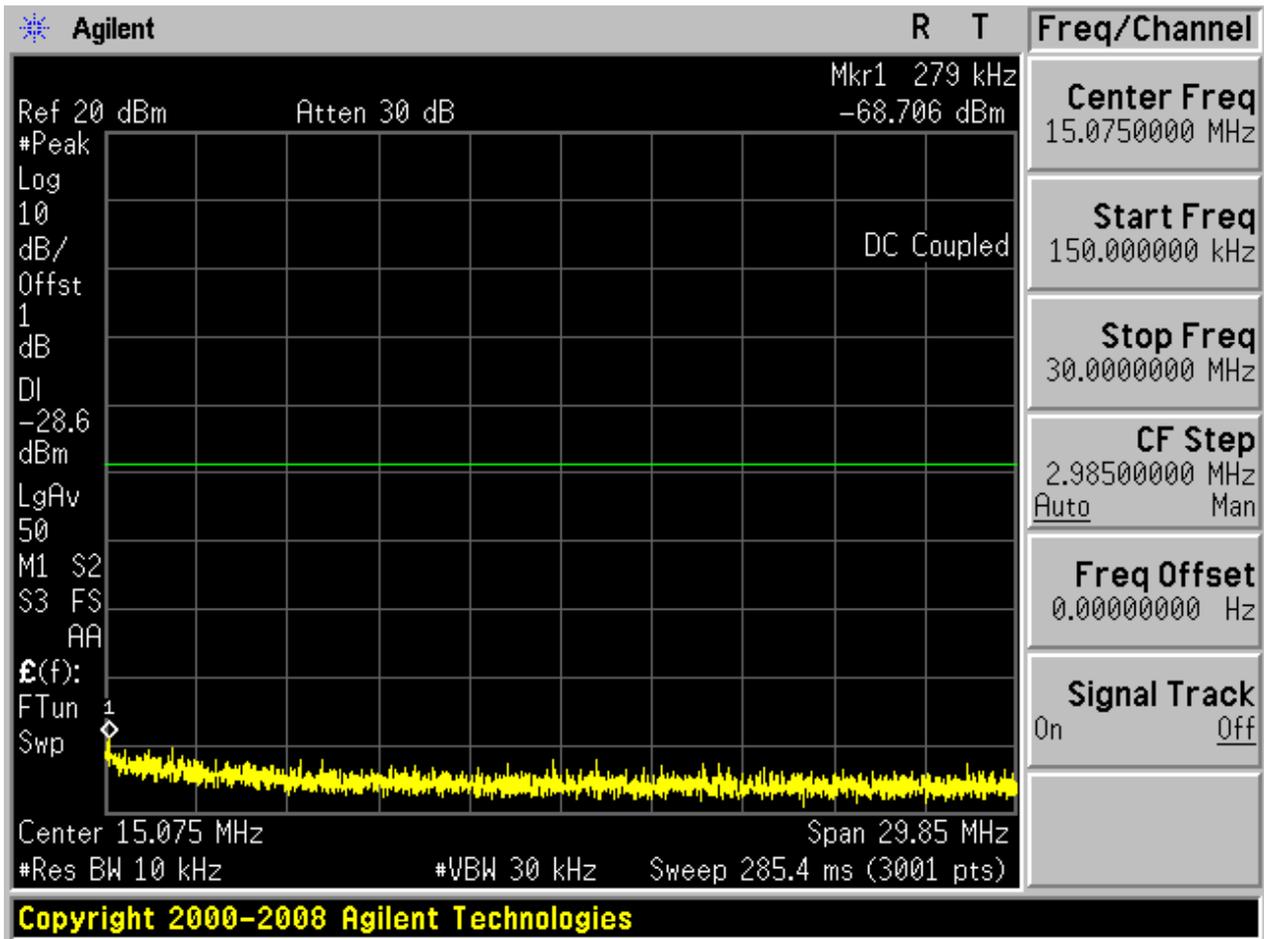
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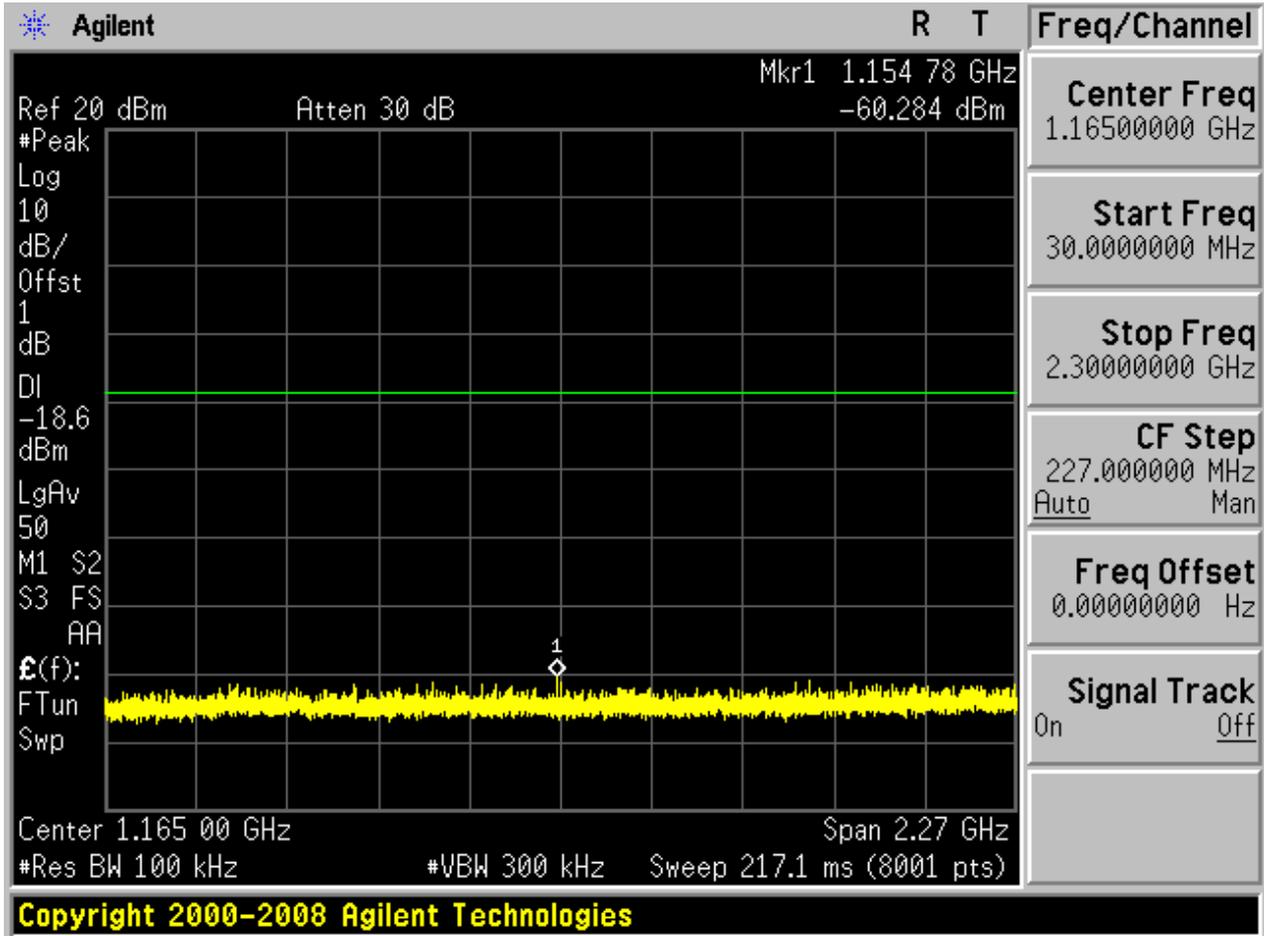


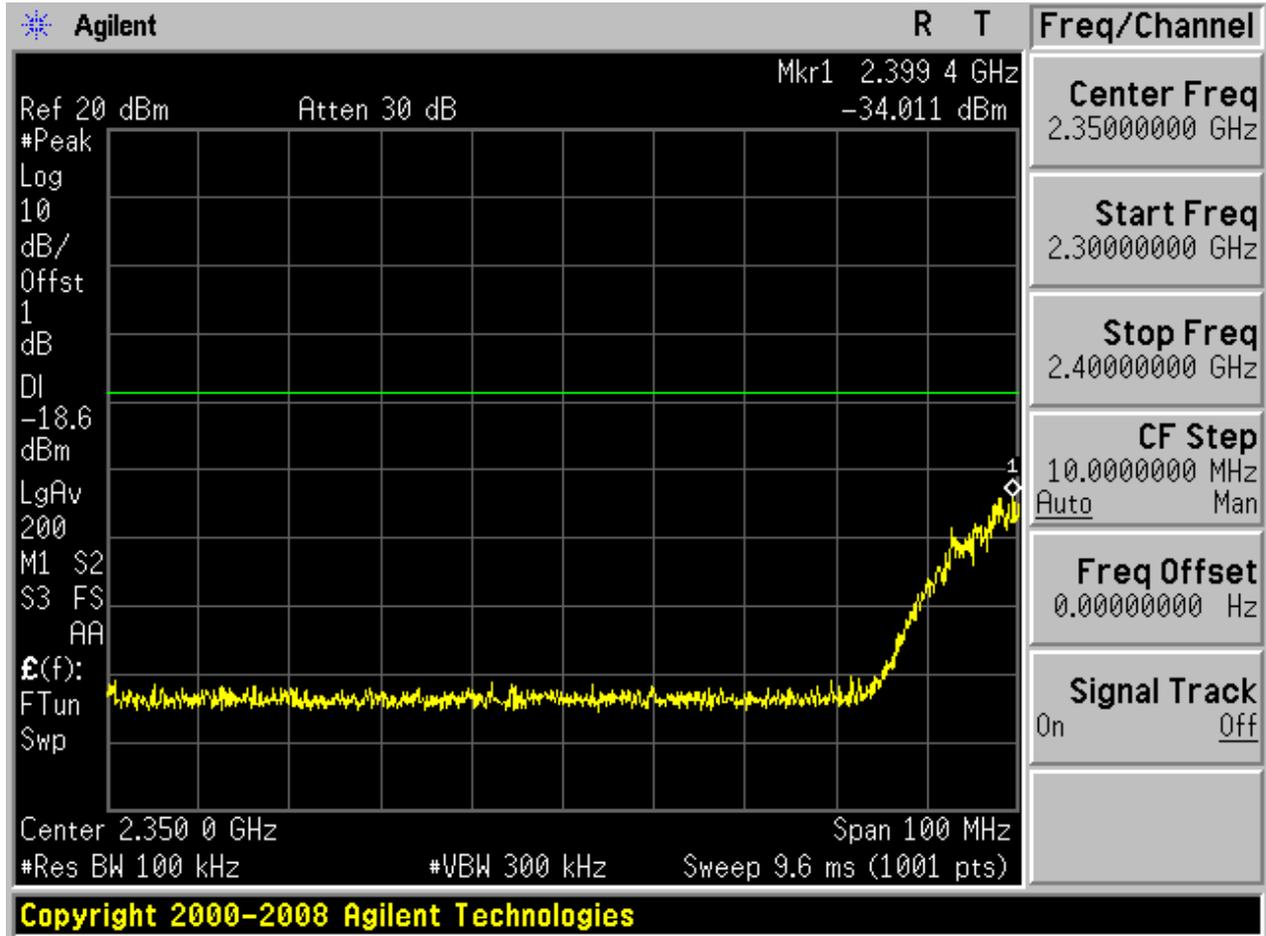


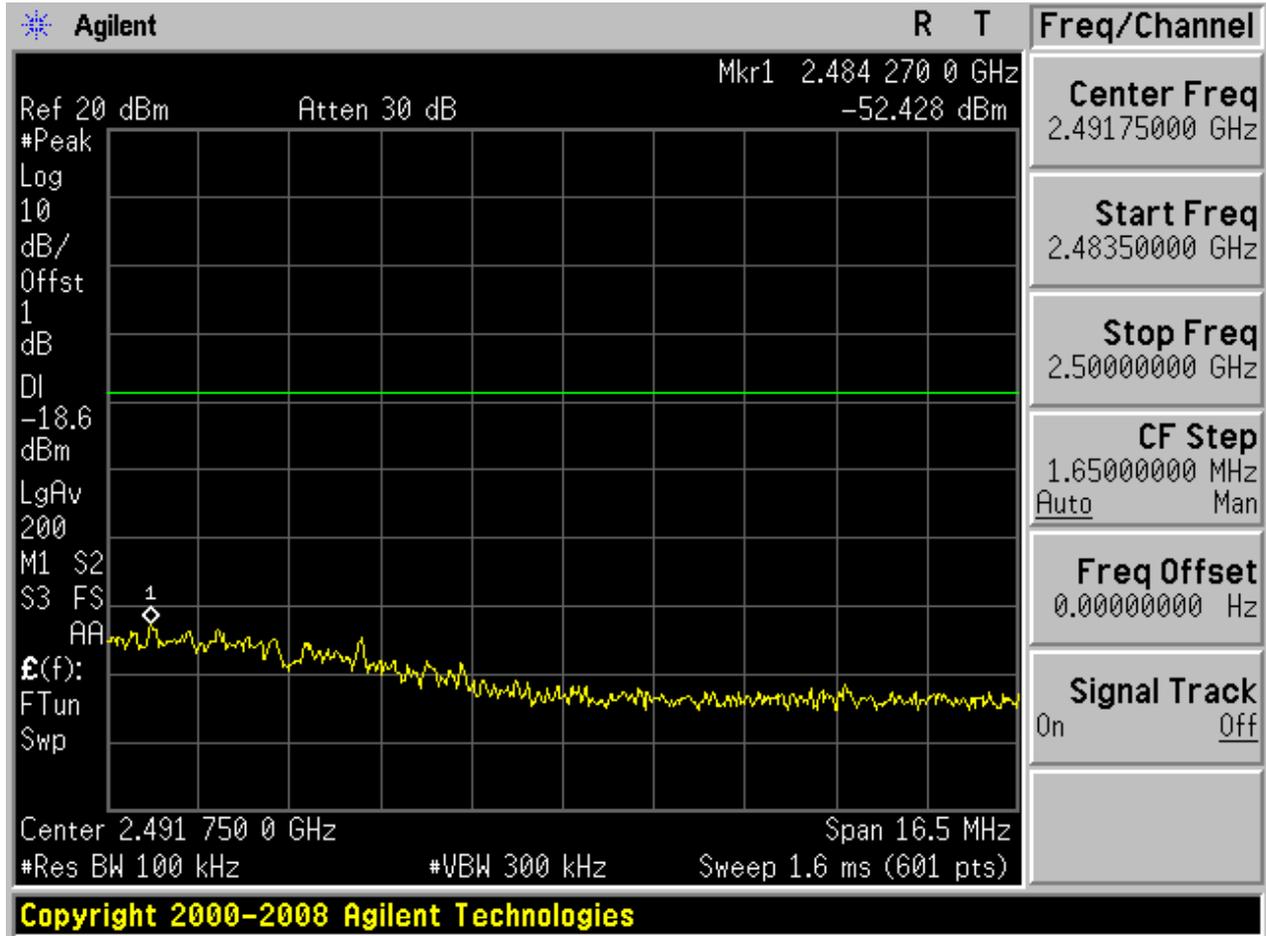
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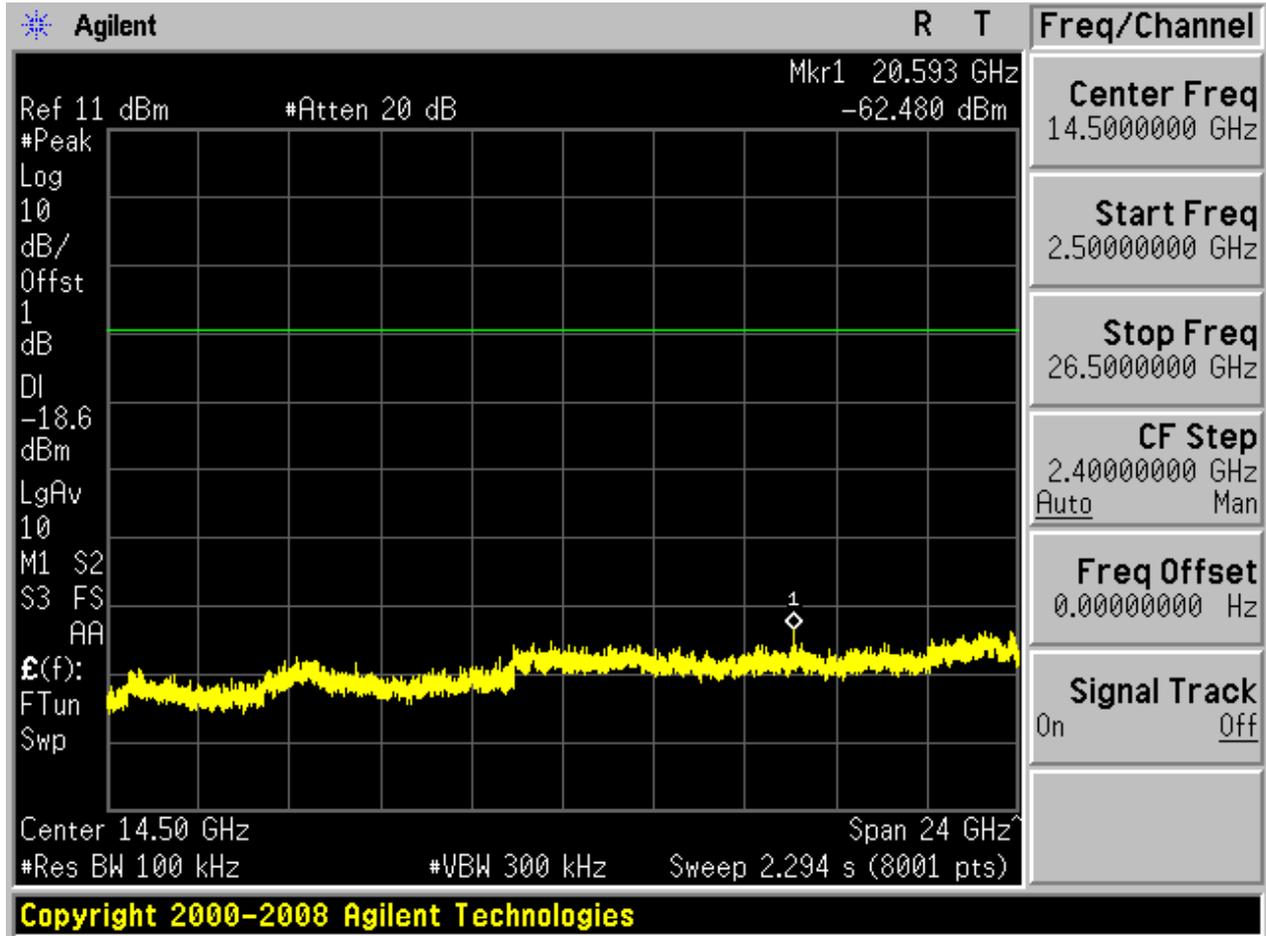








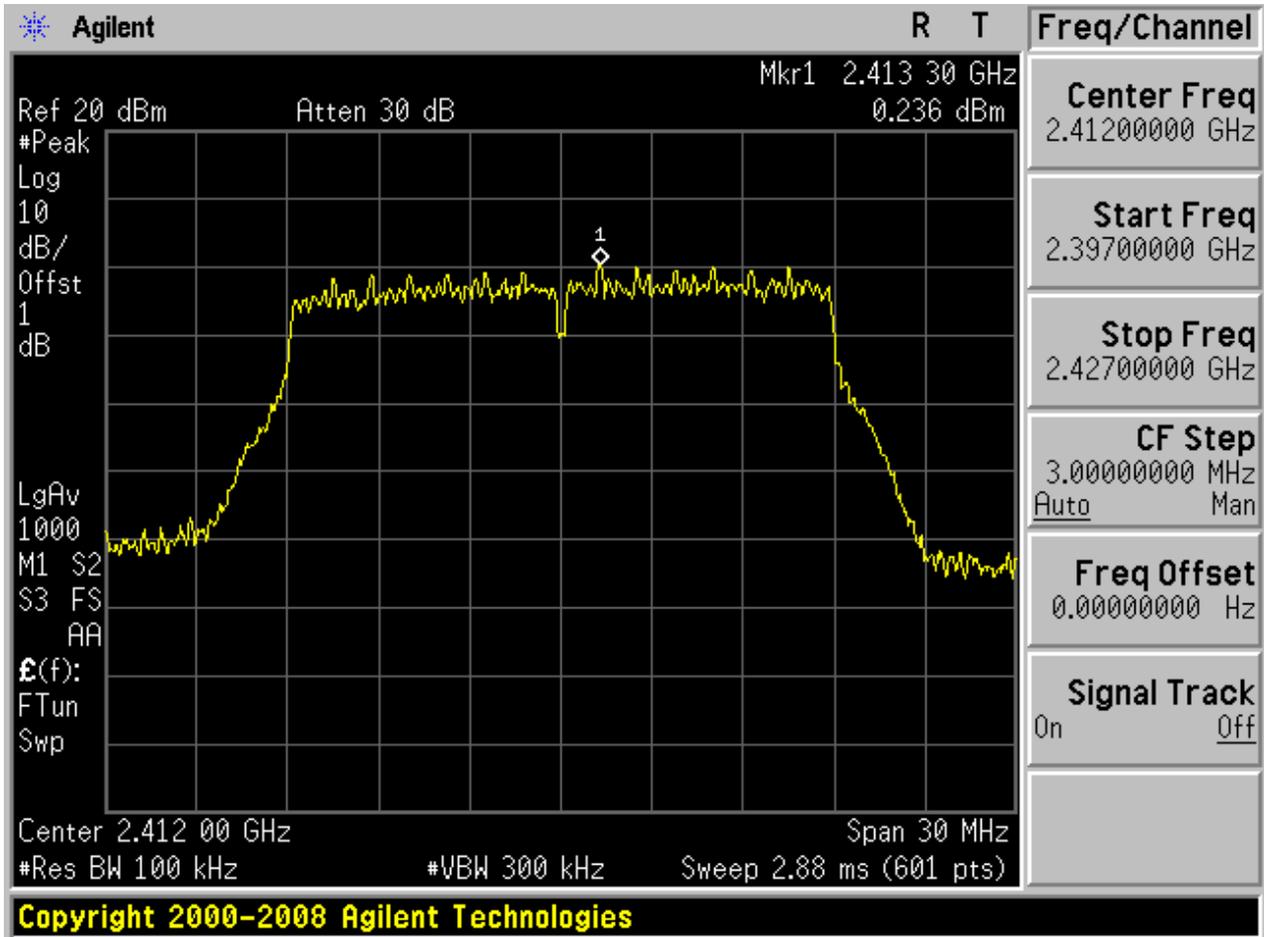






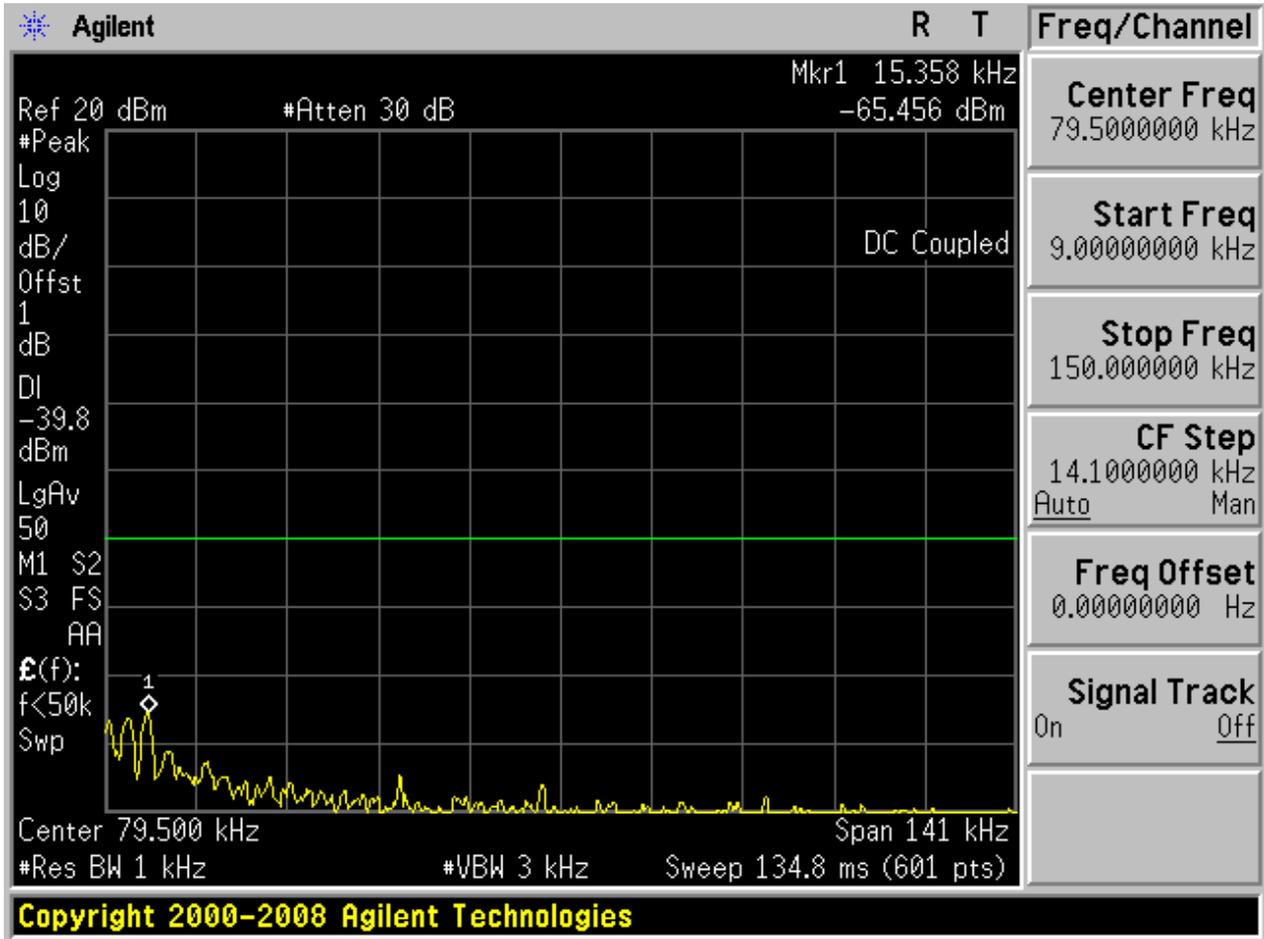
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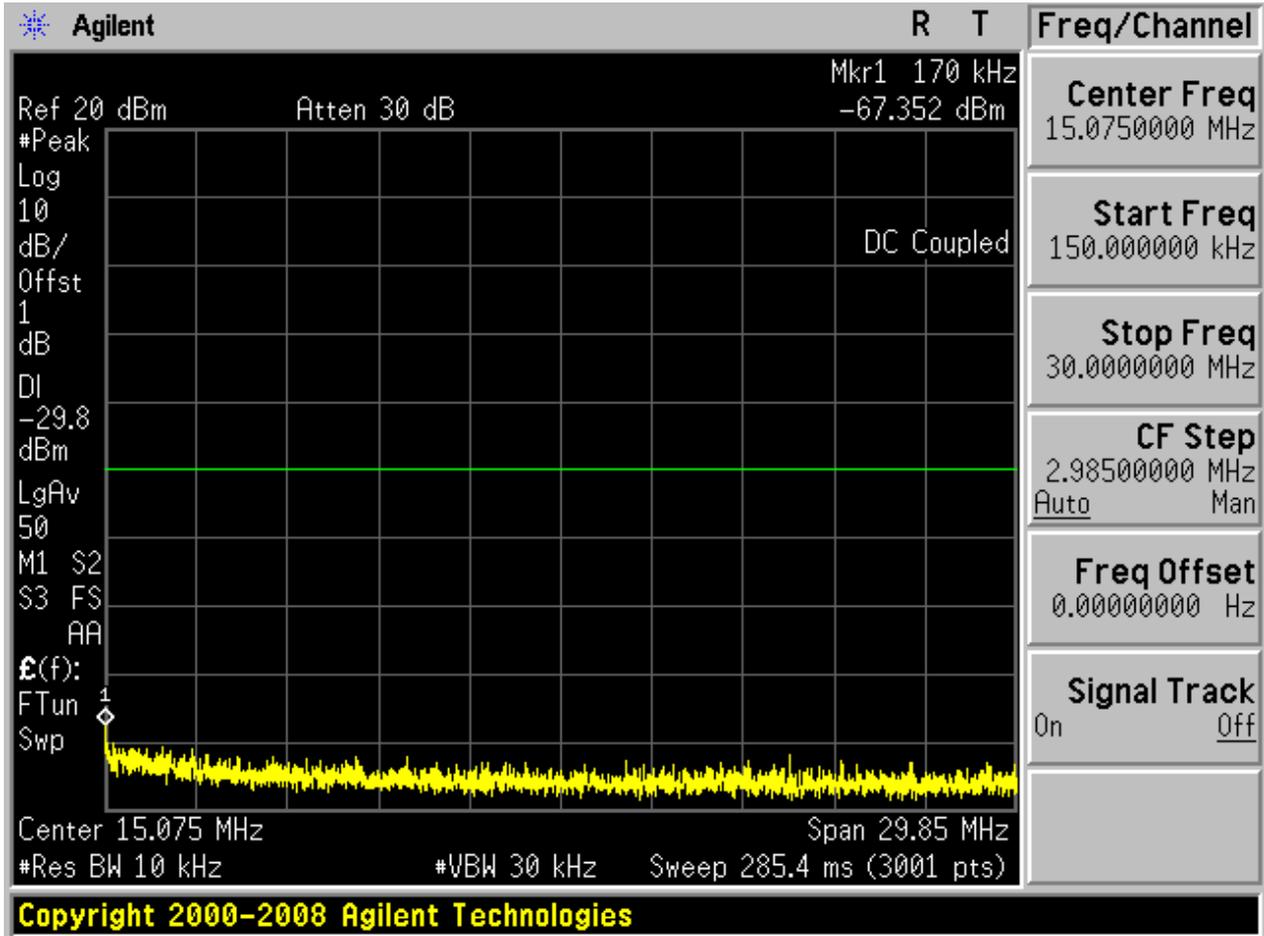
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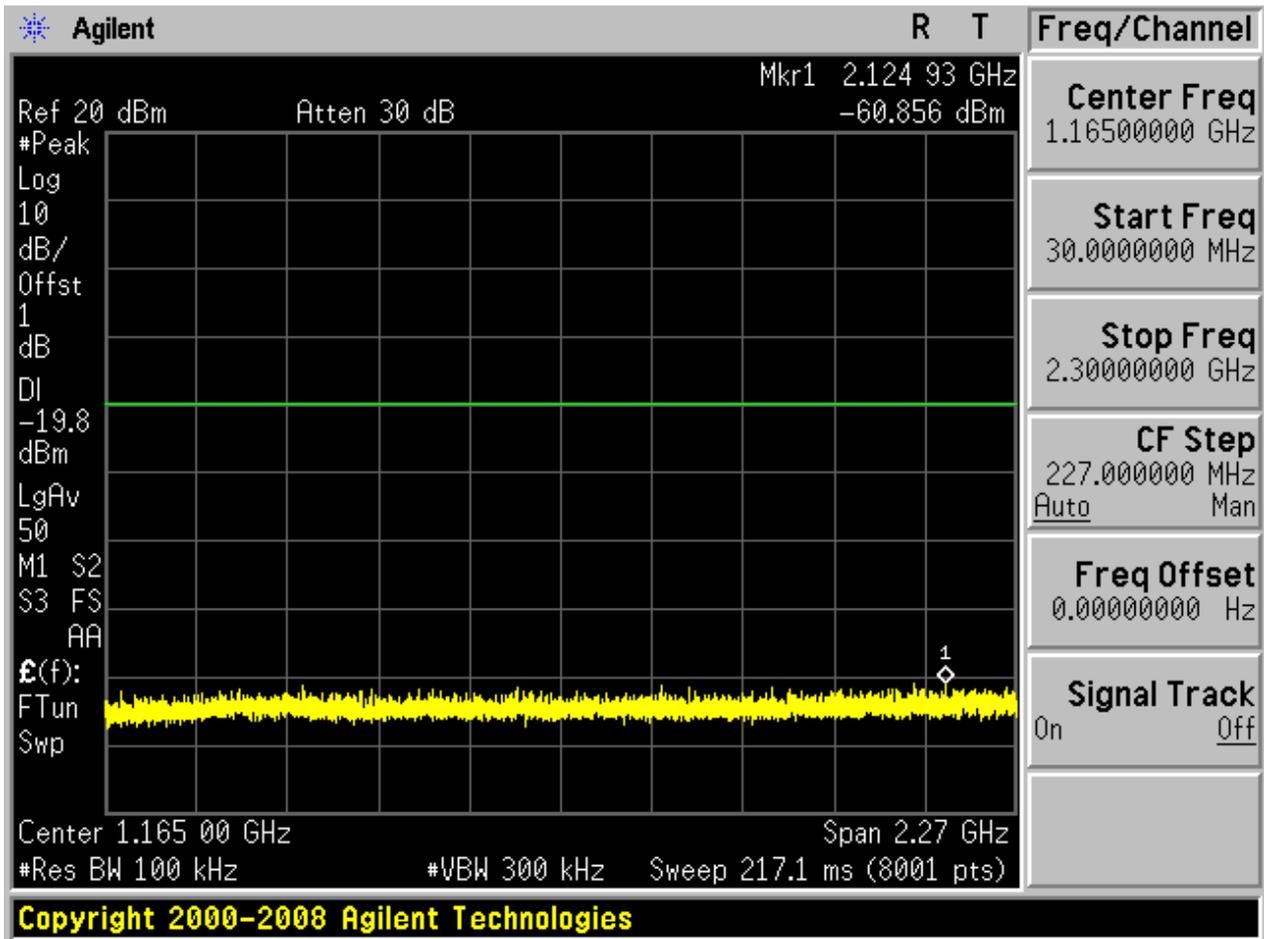


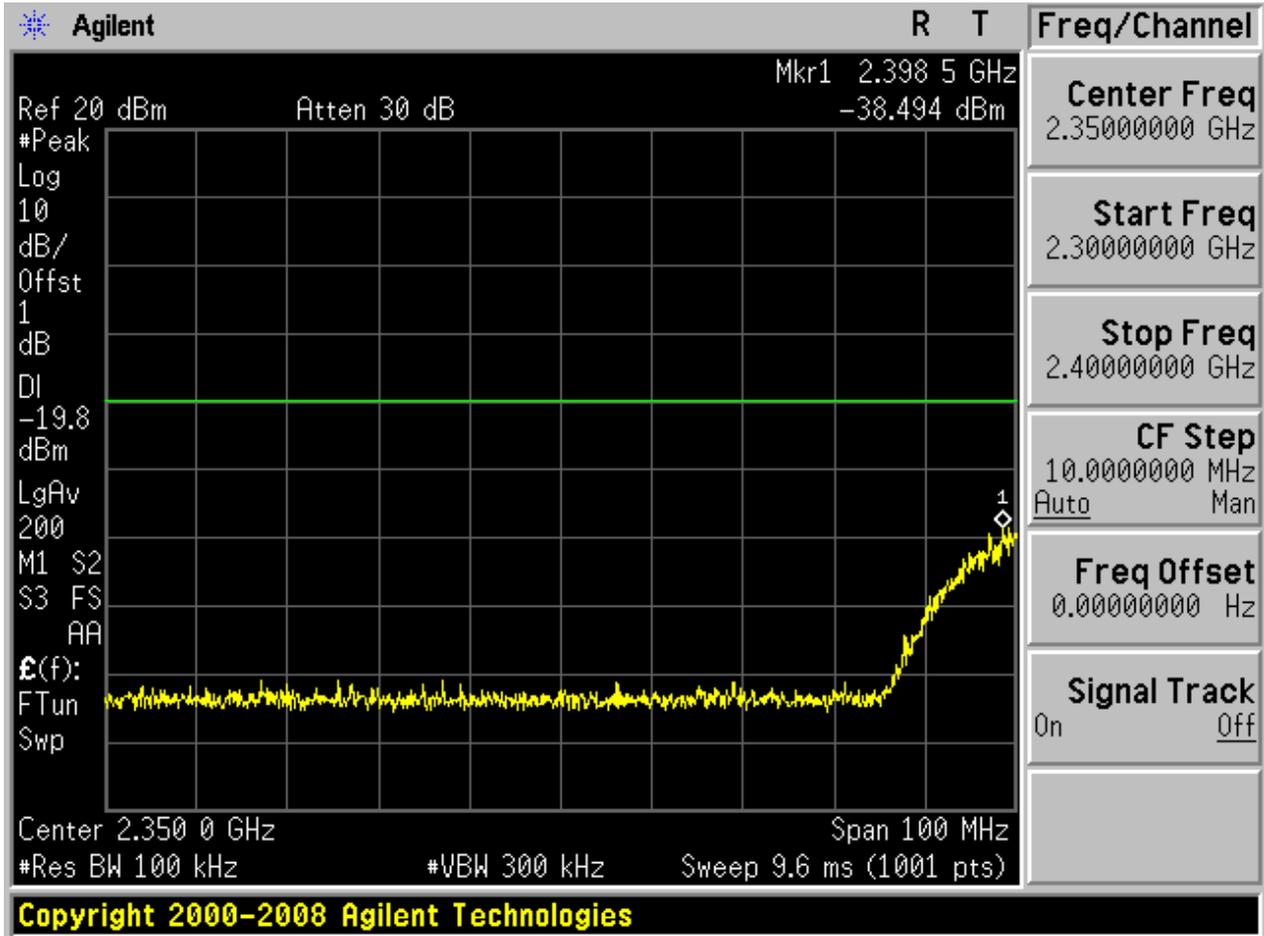


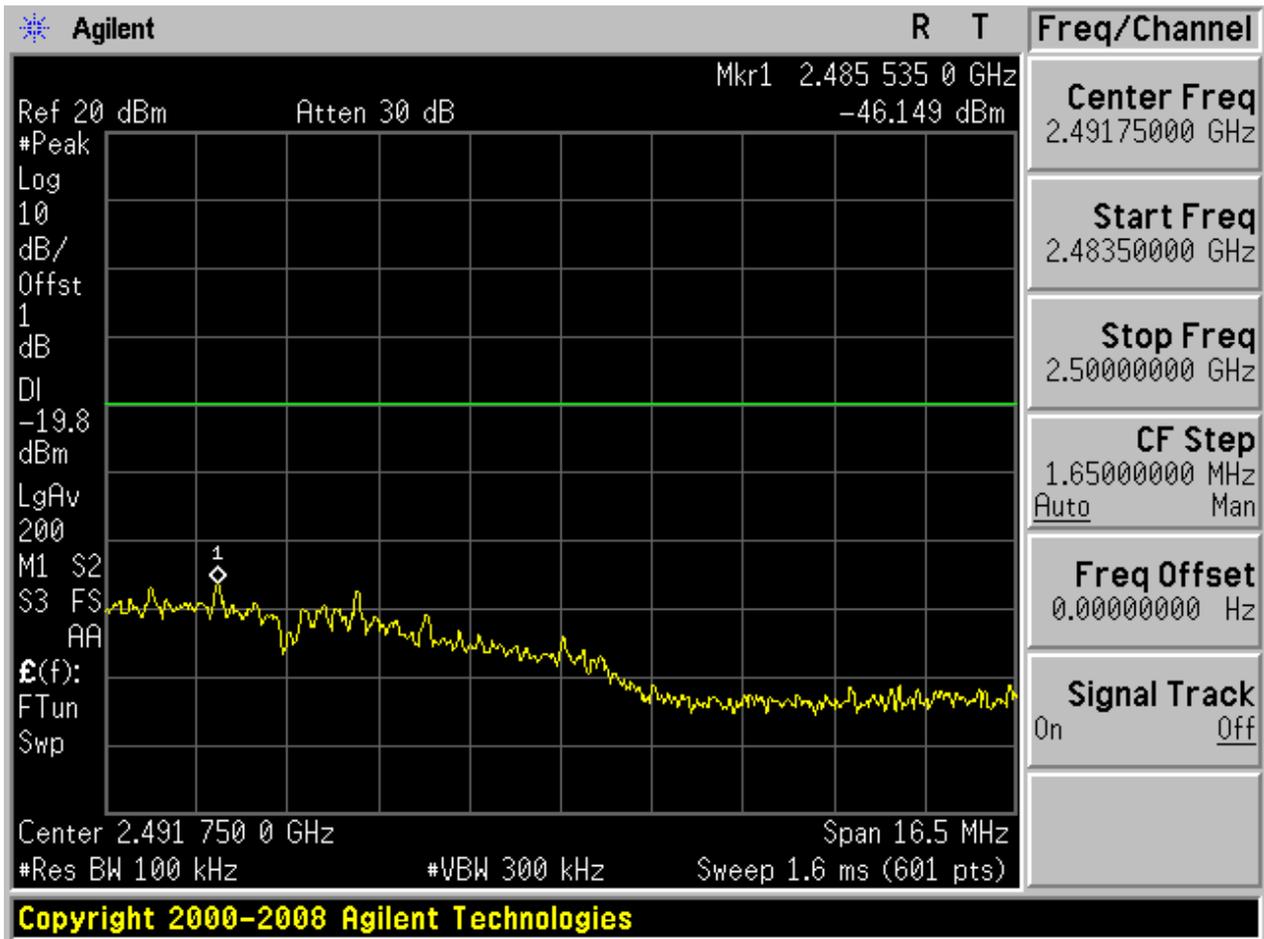
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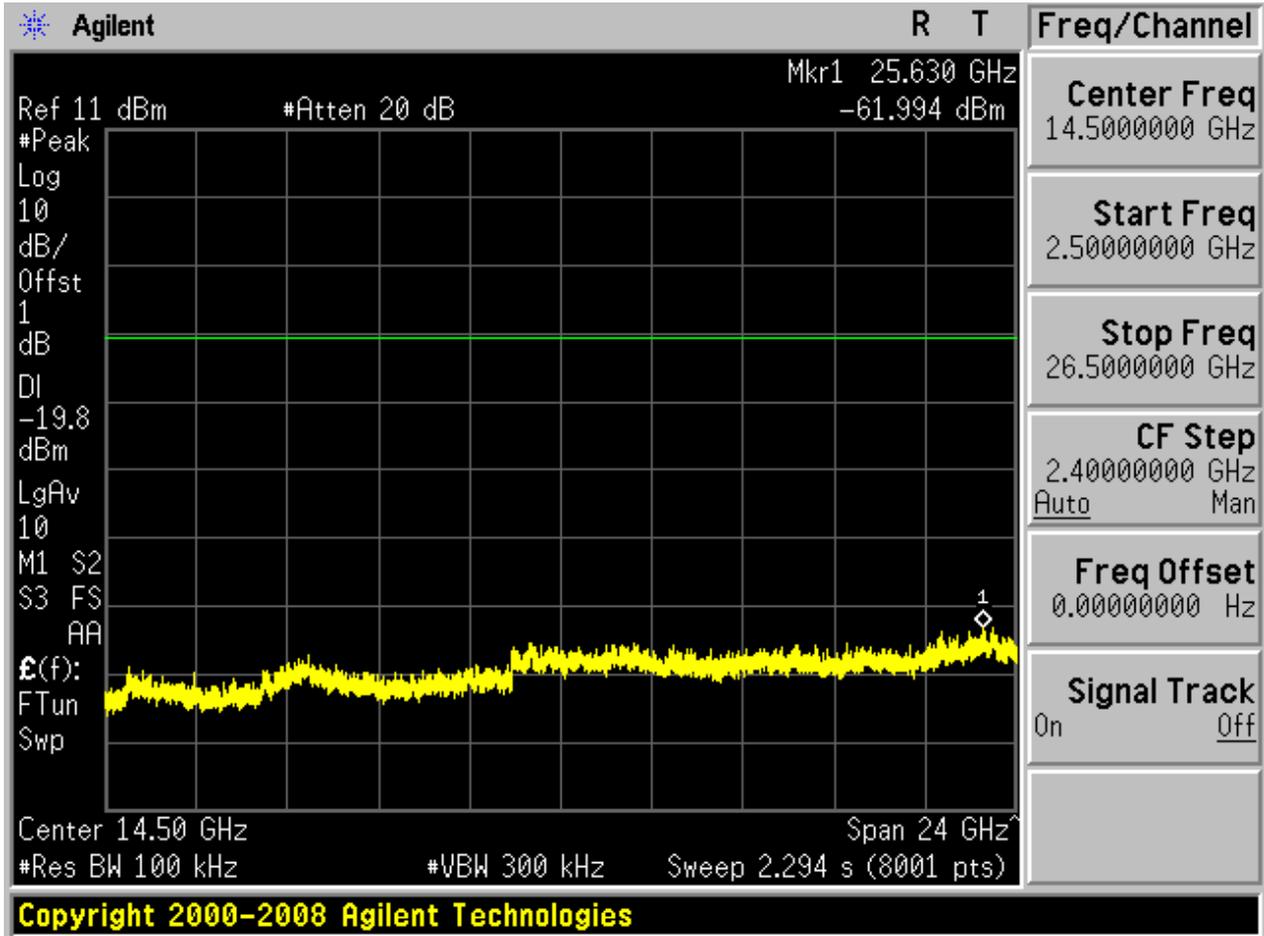








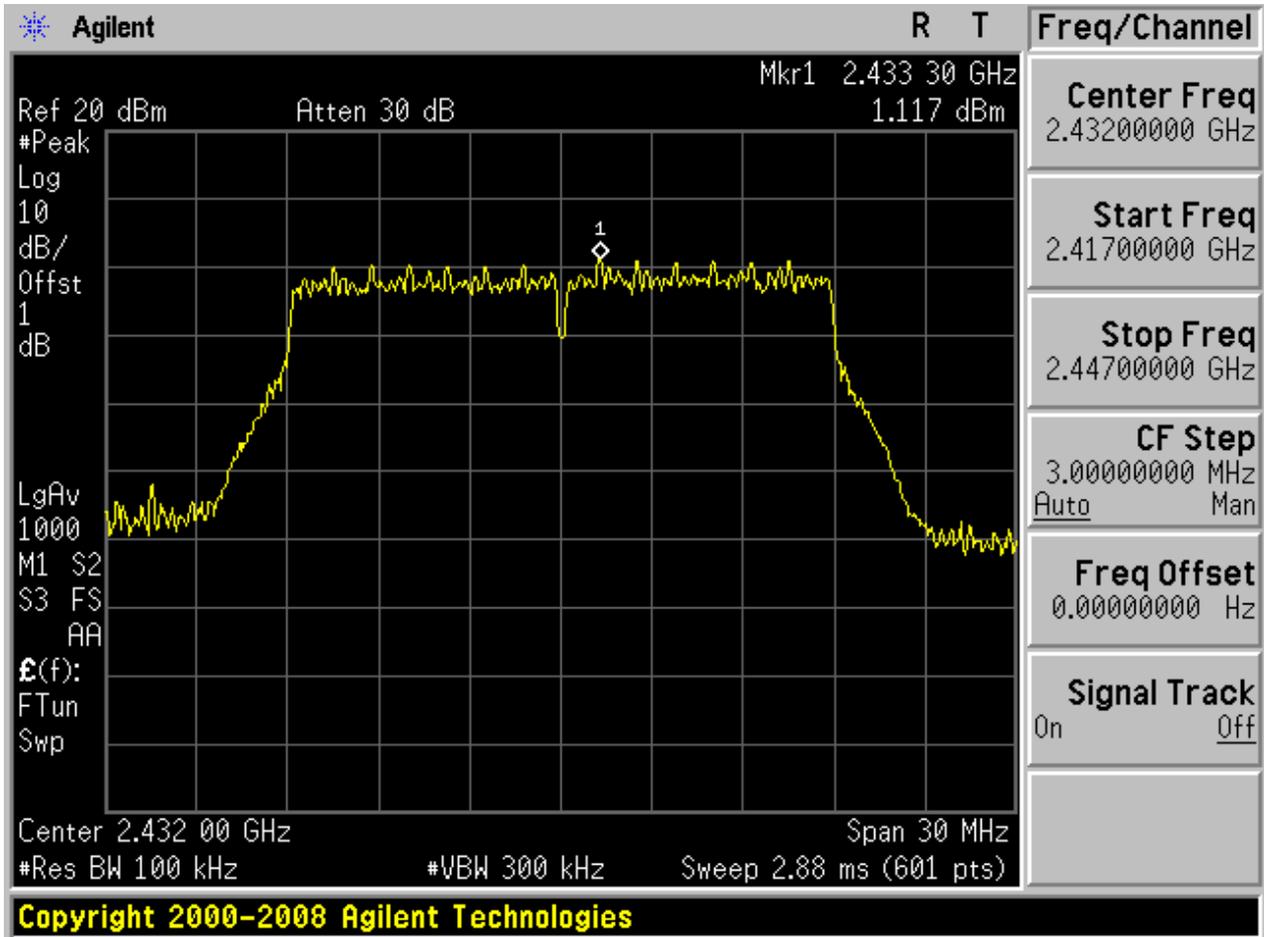






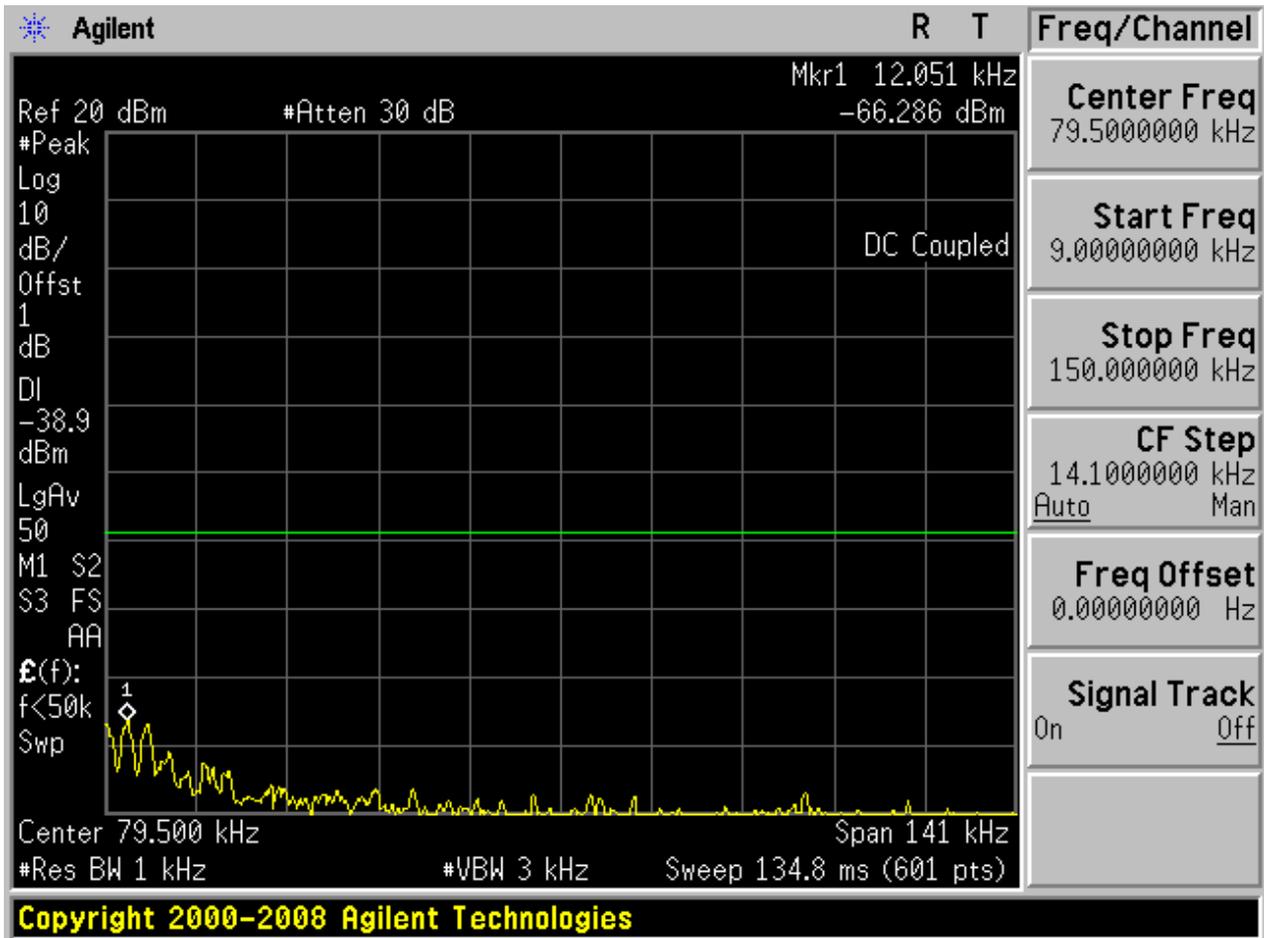
2.15 11N20_M@Ant 1

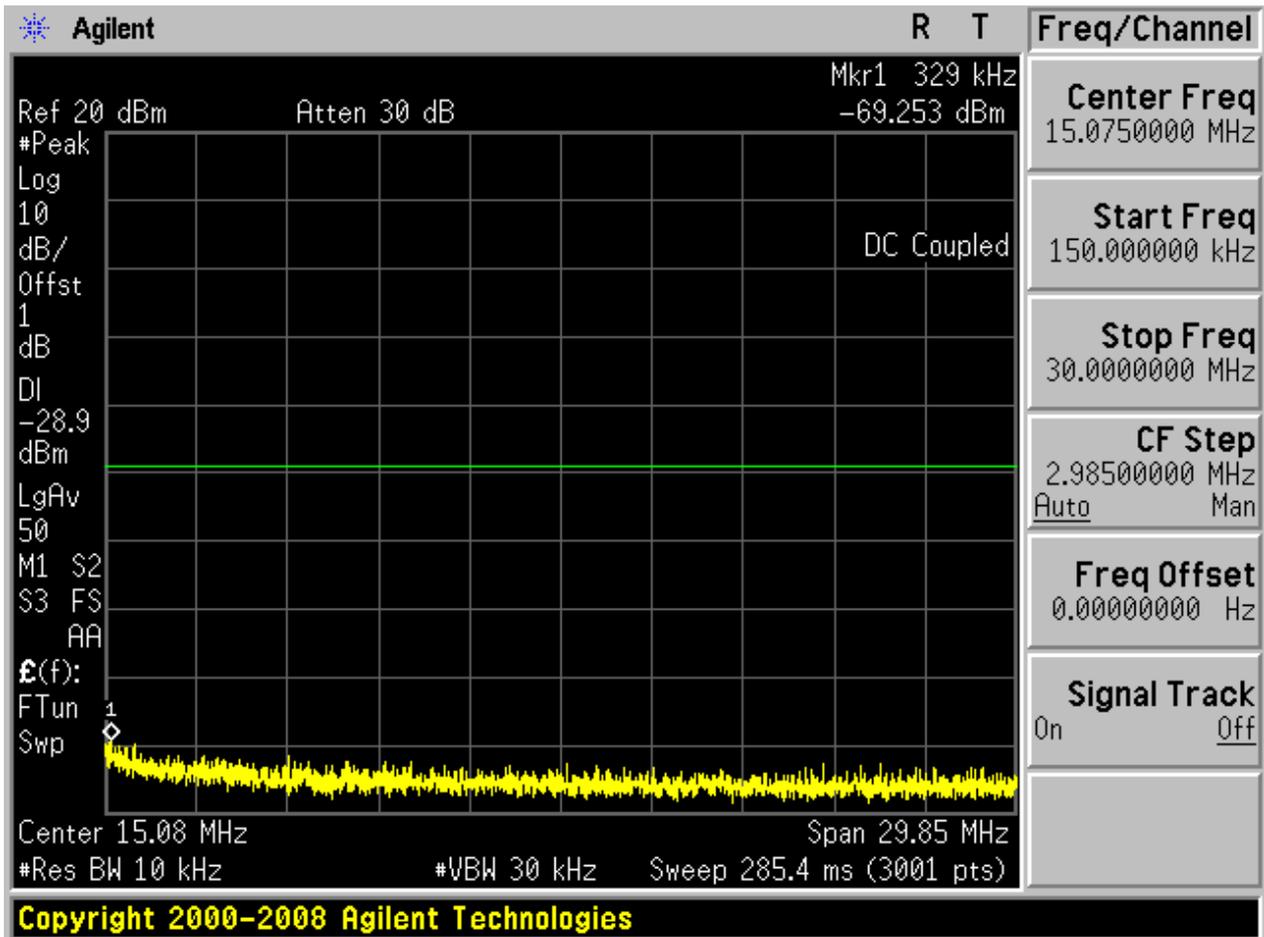
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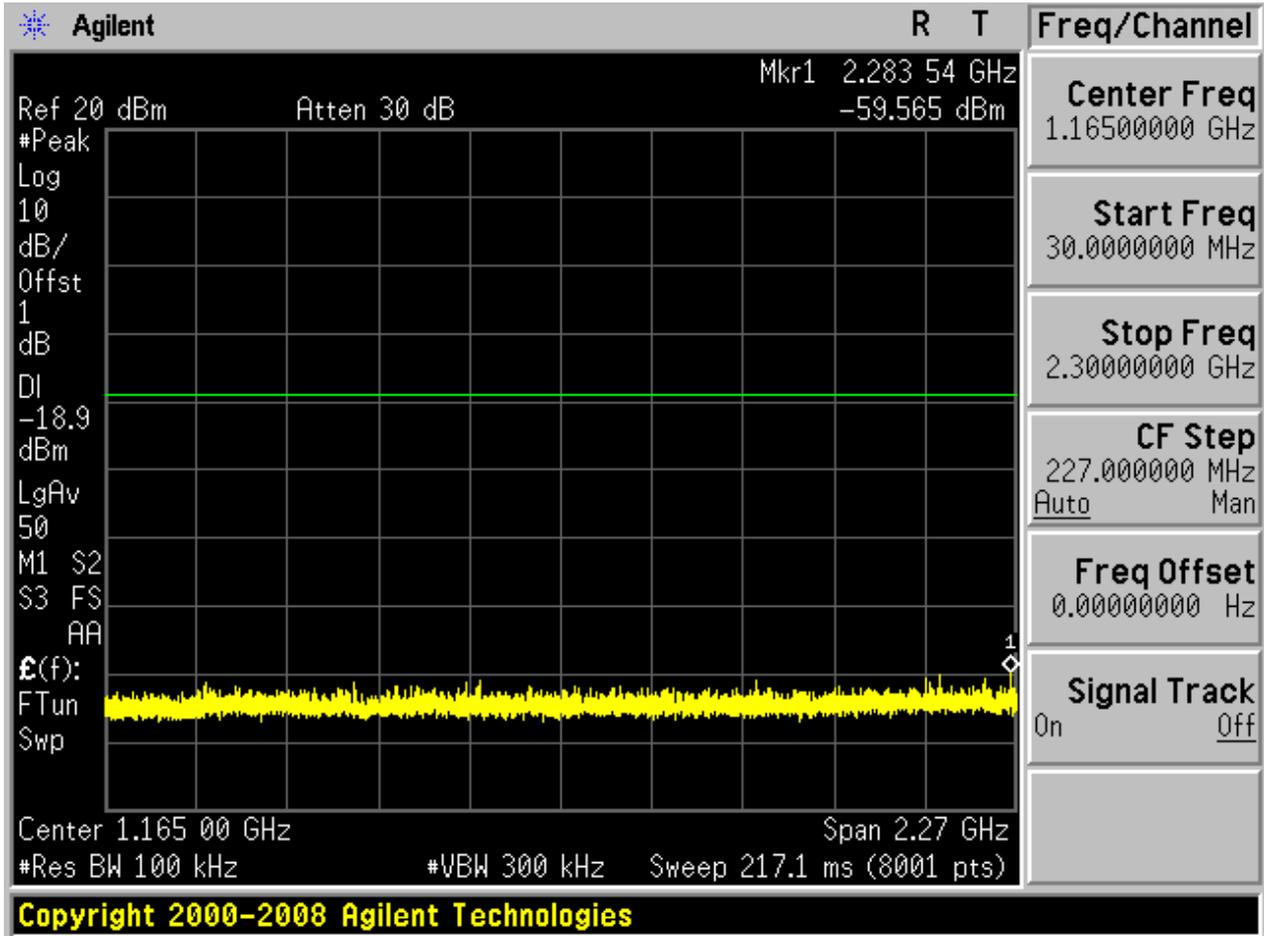


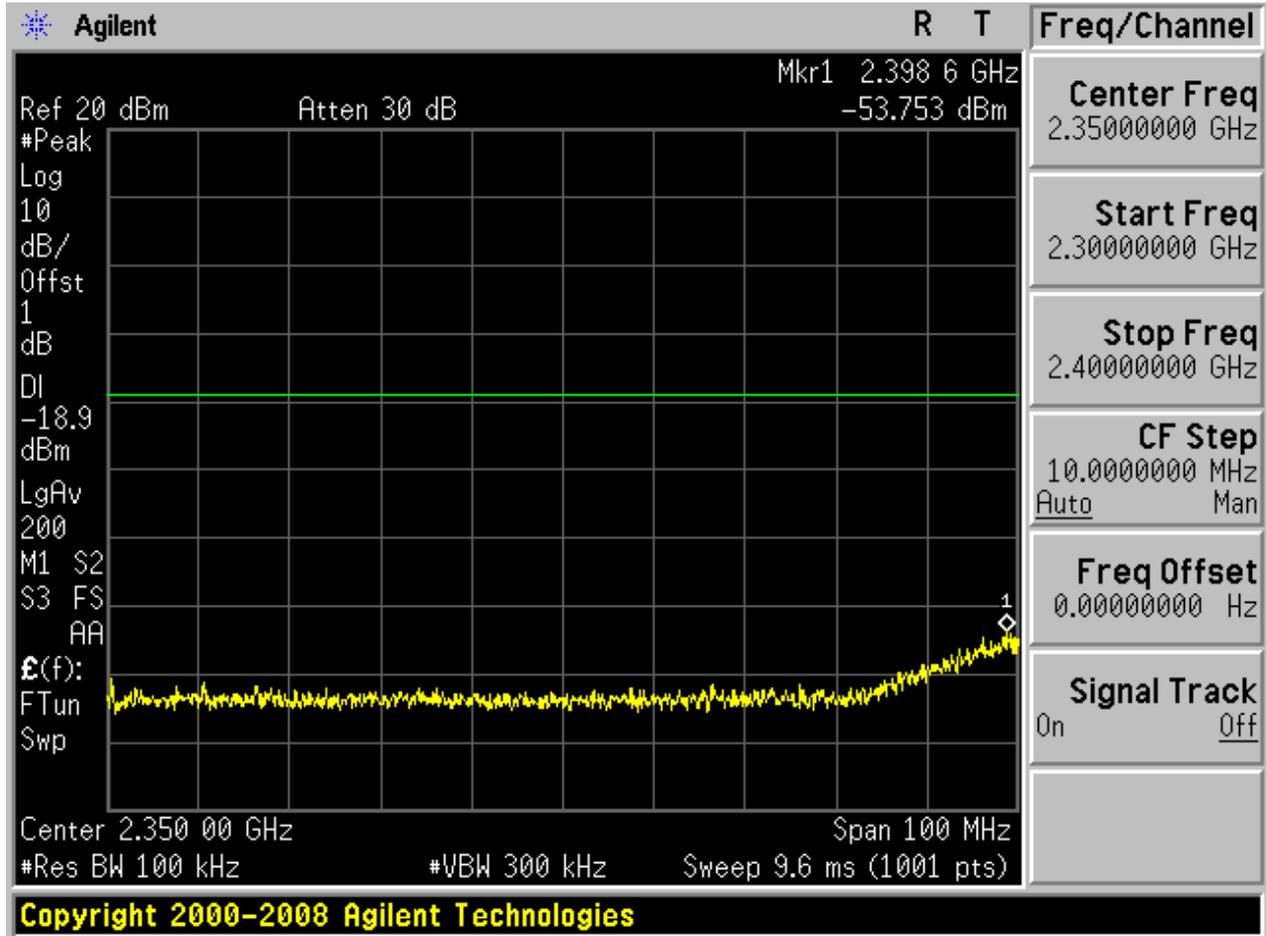


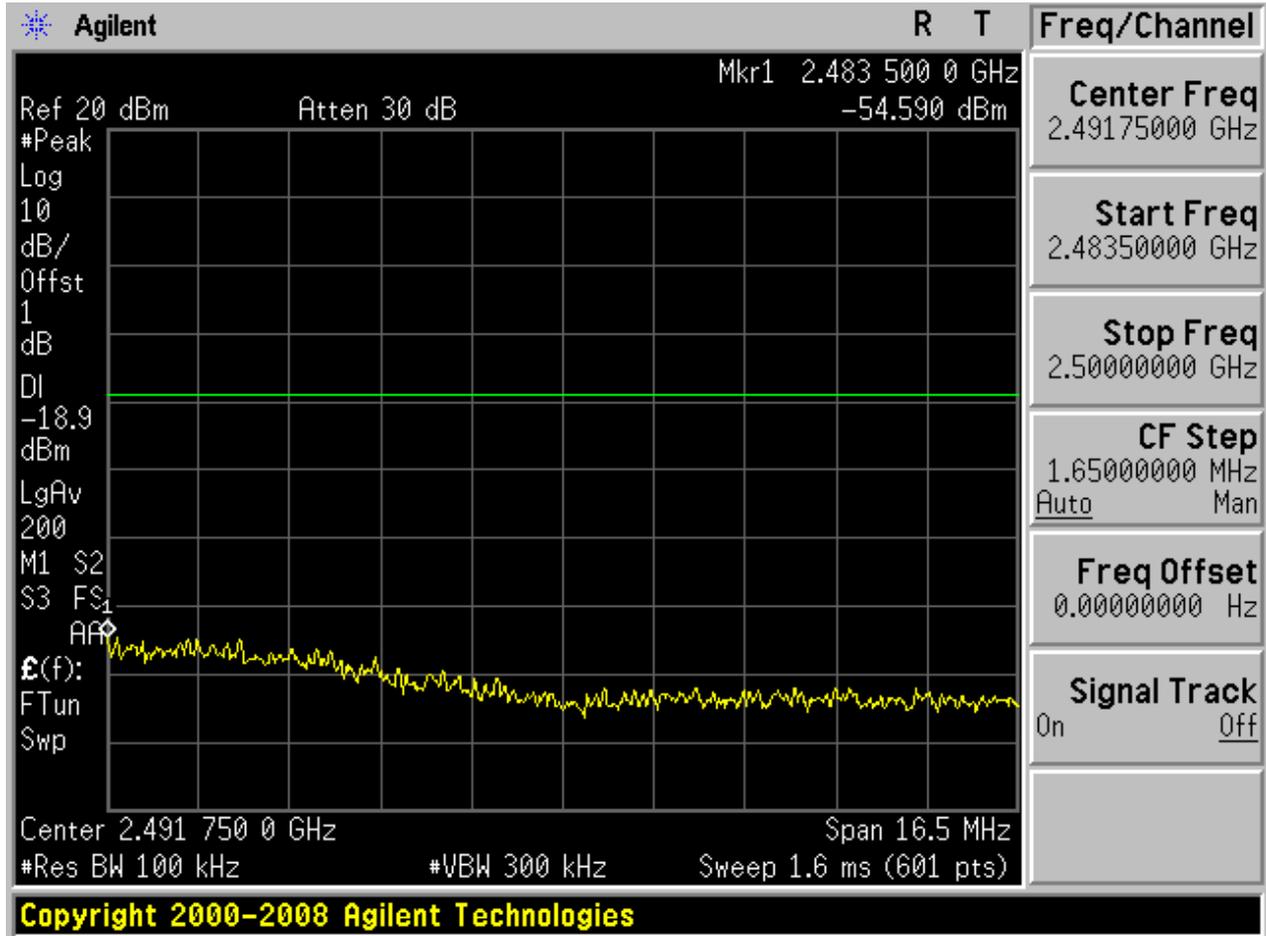
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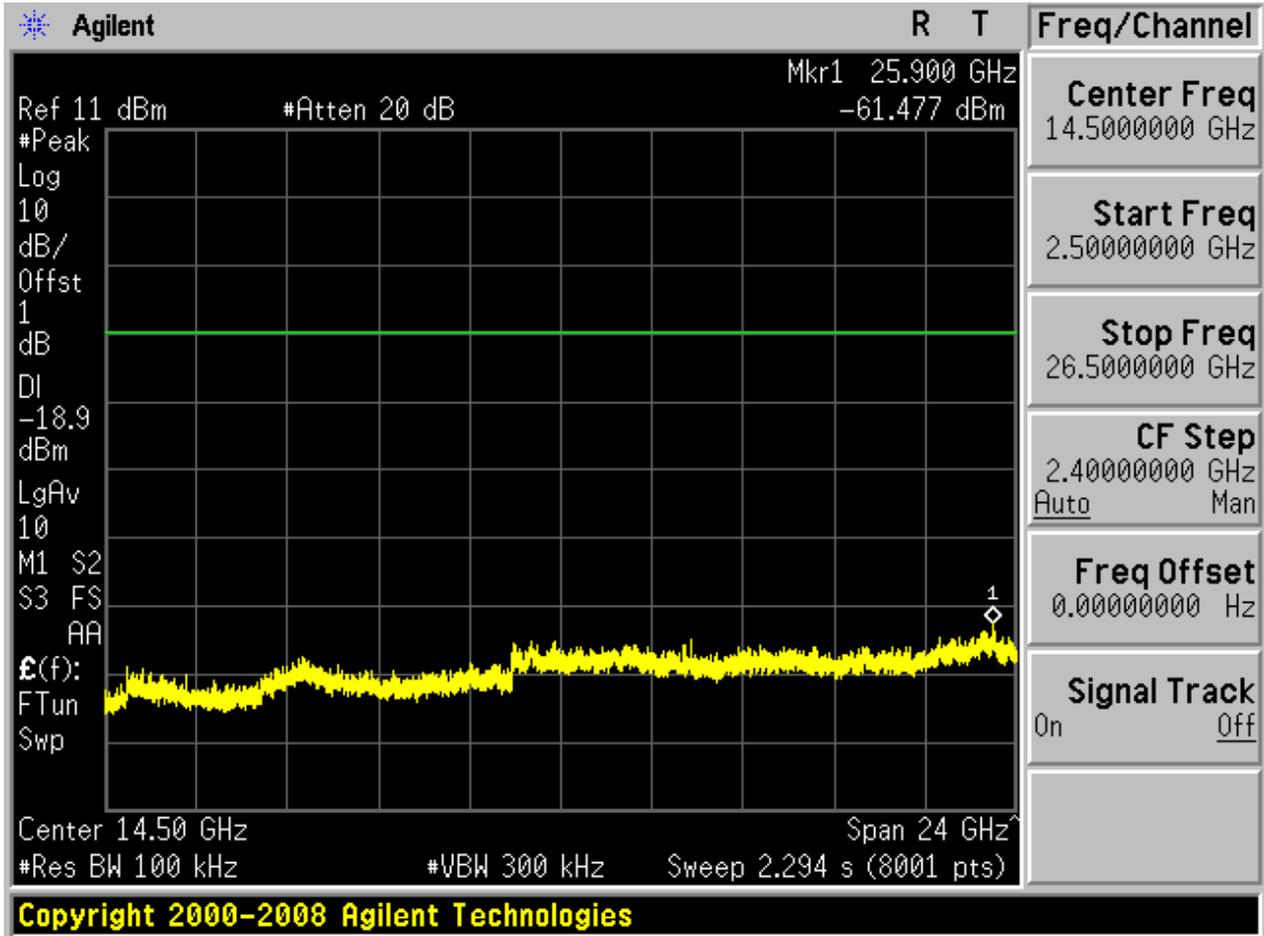








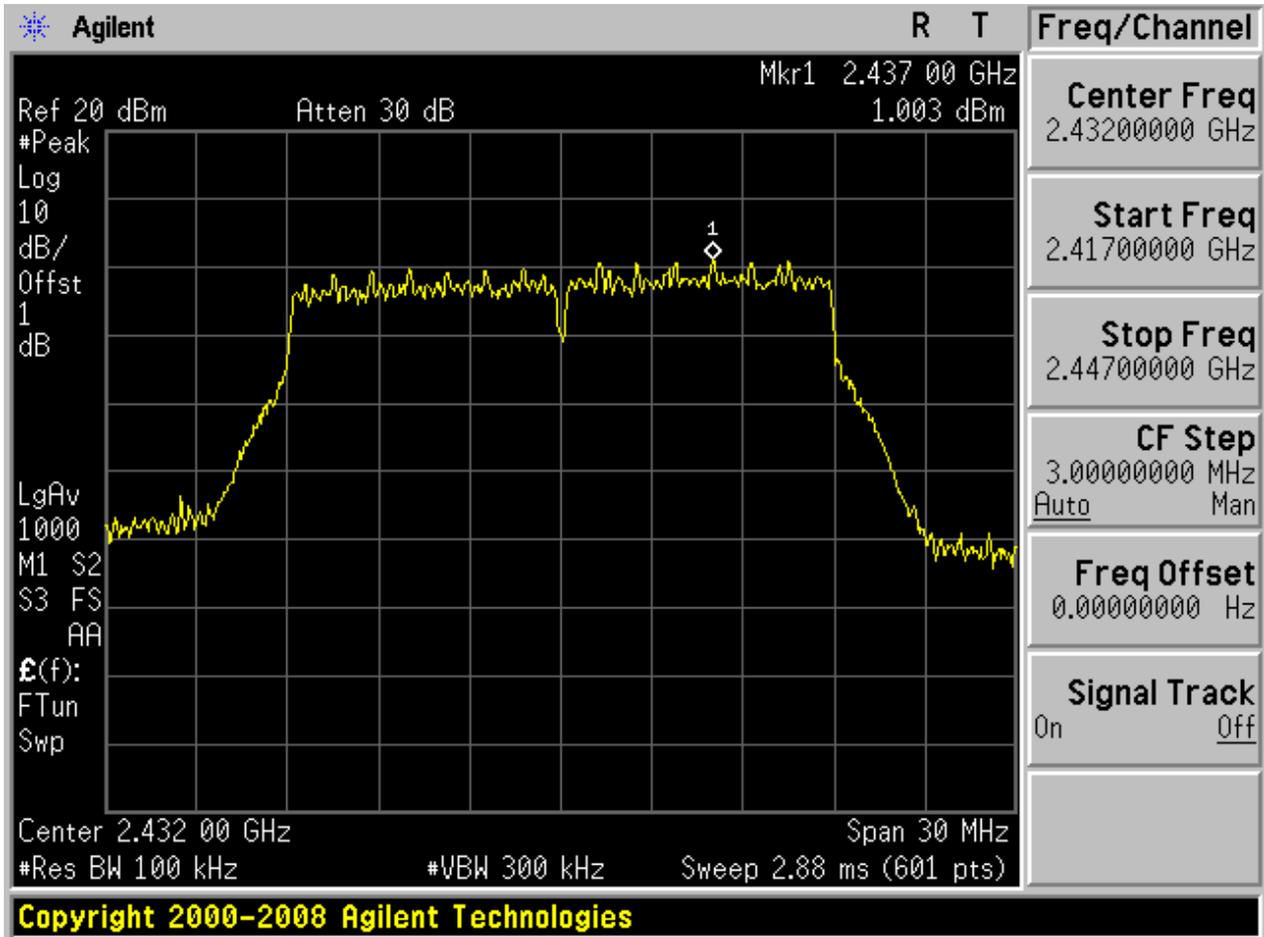






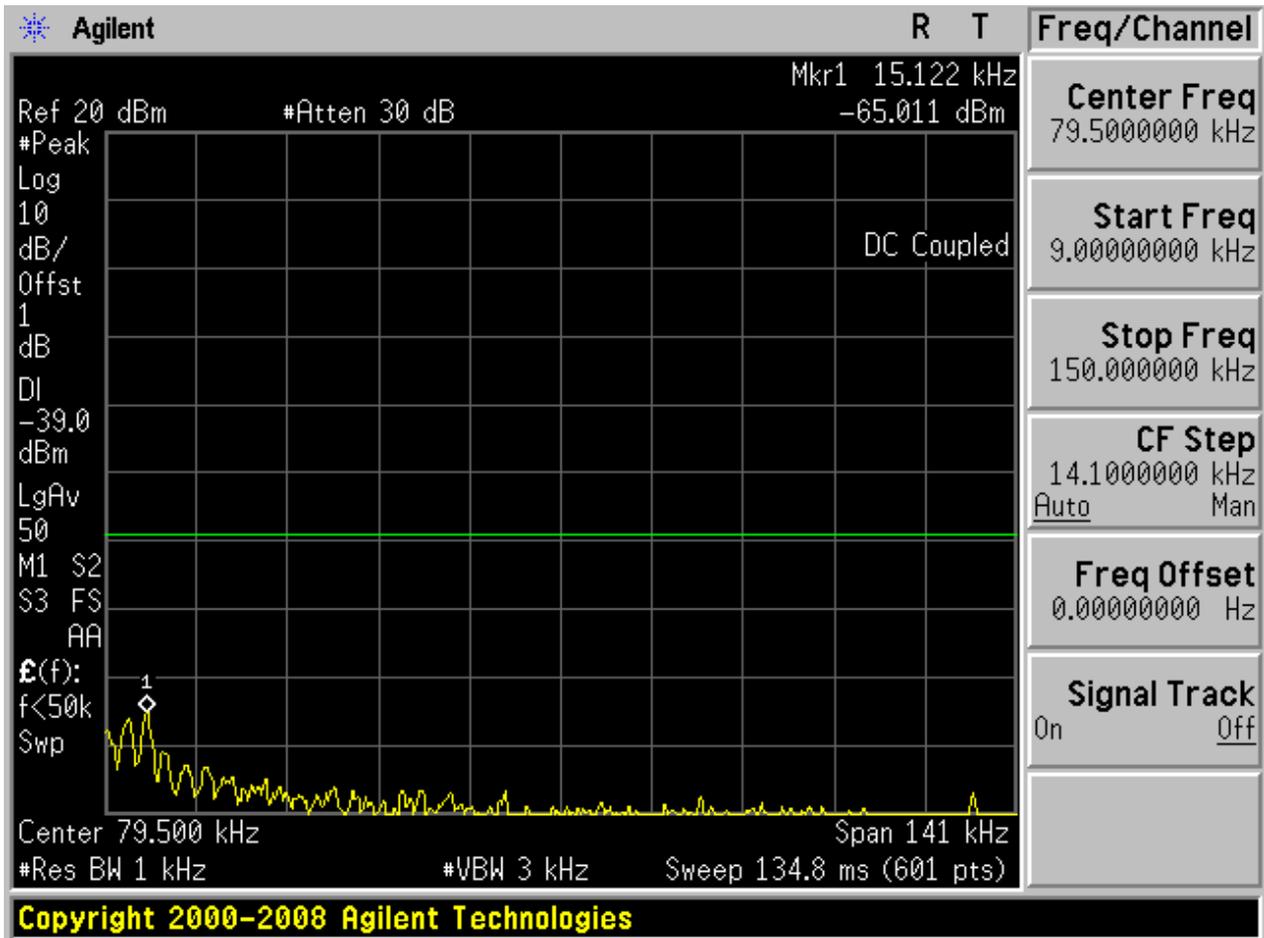
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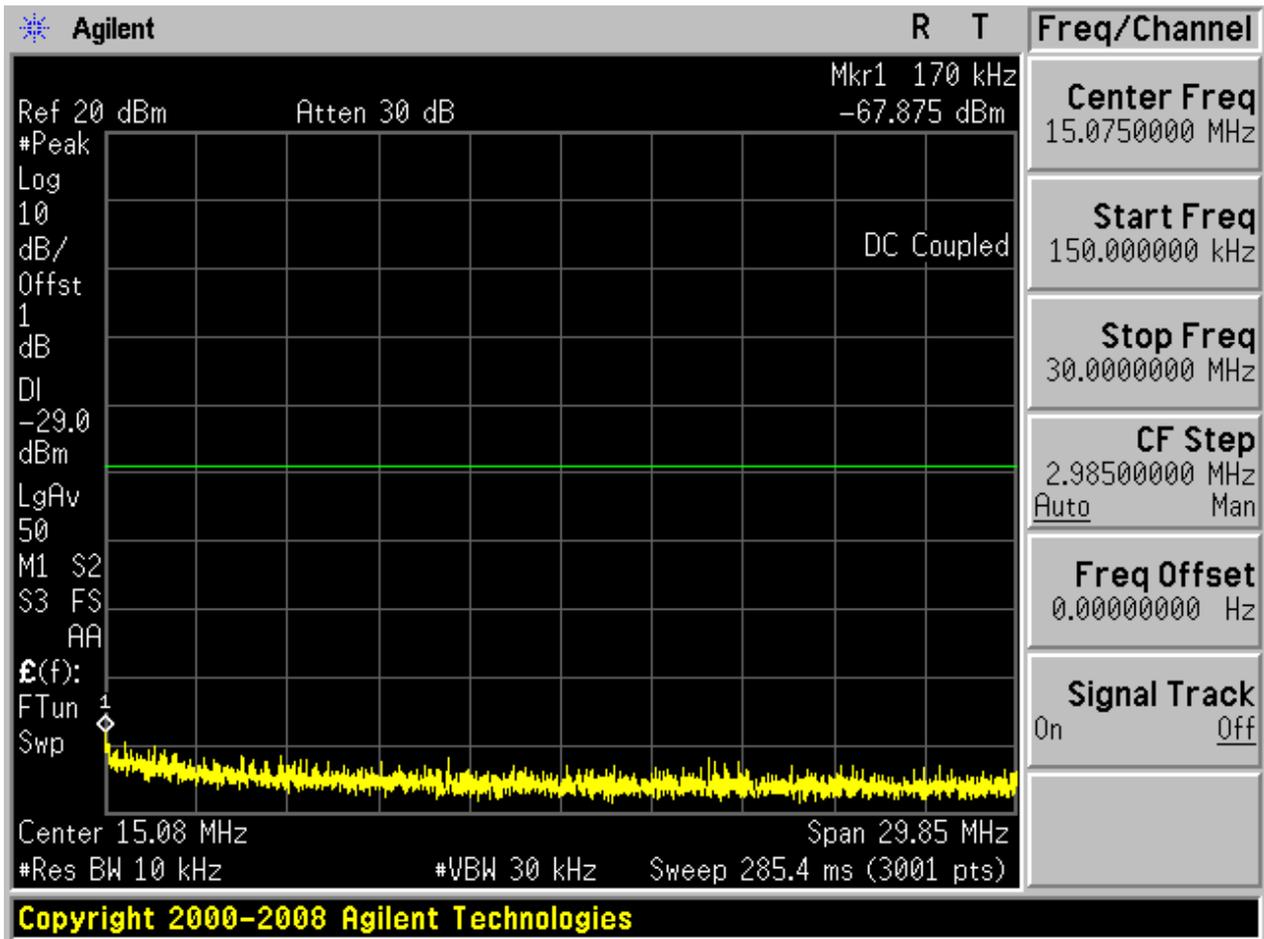
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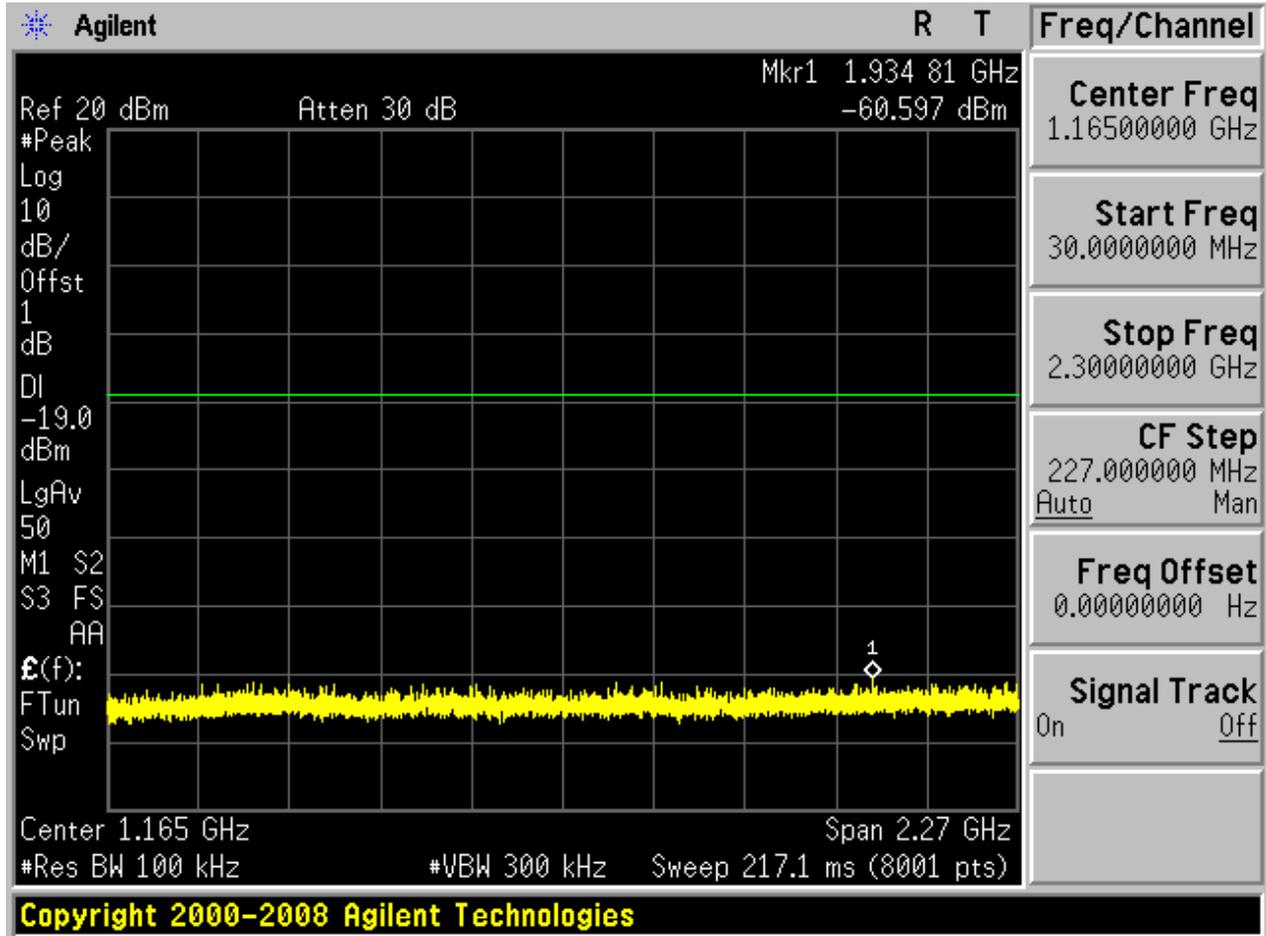


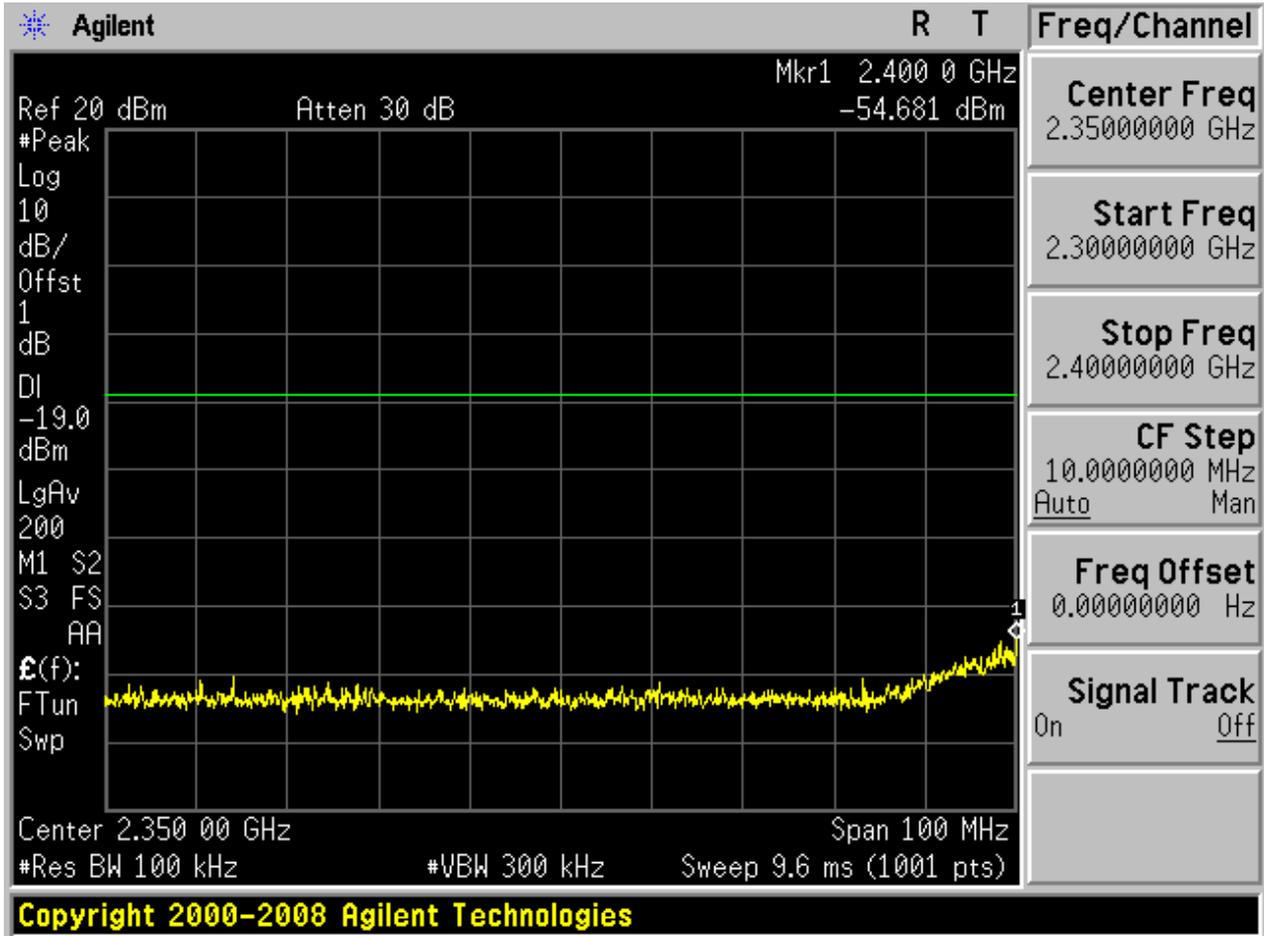


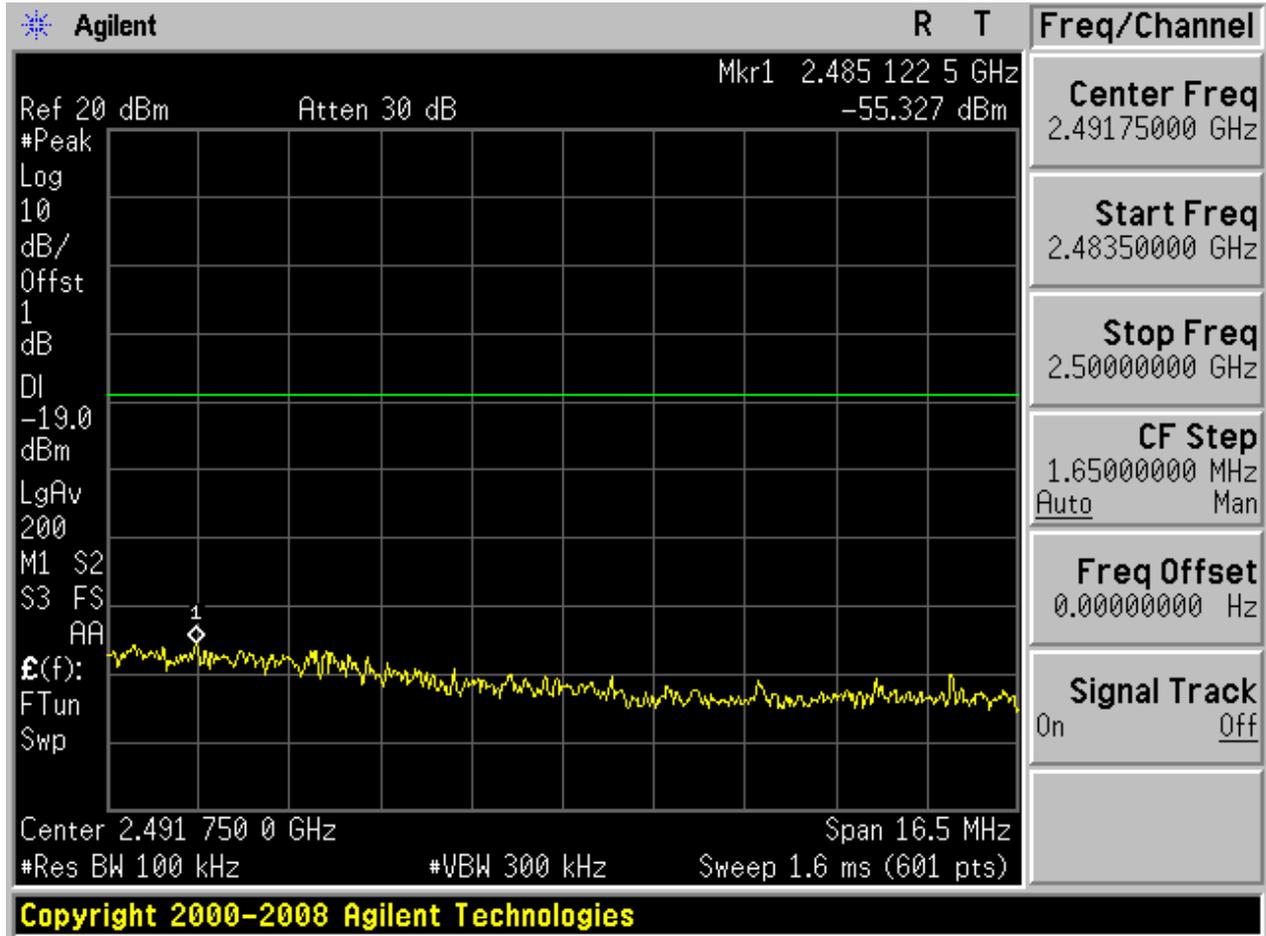
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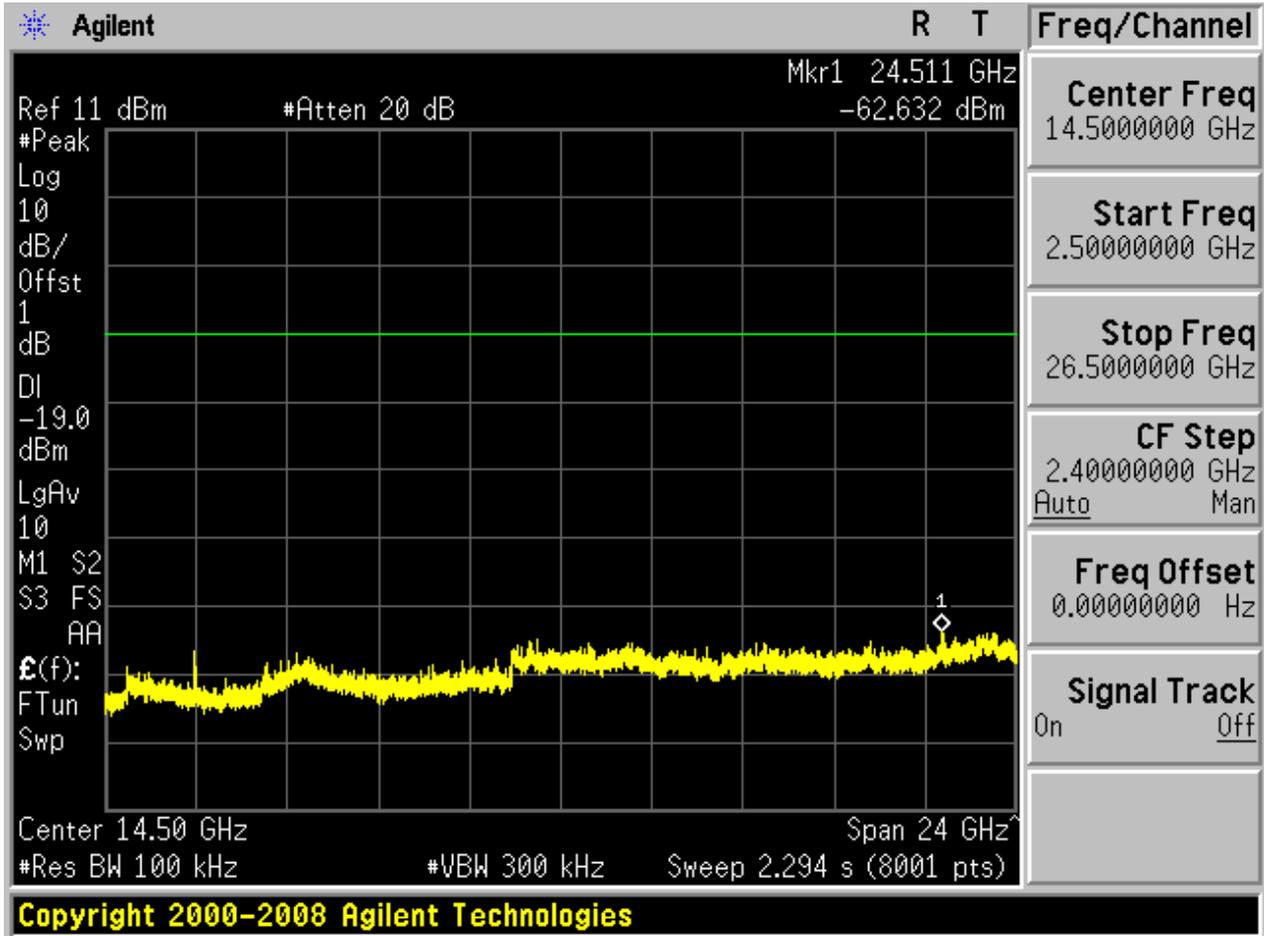








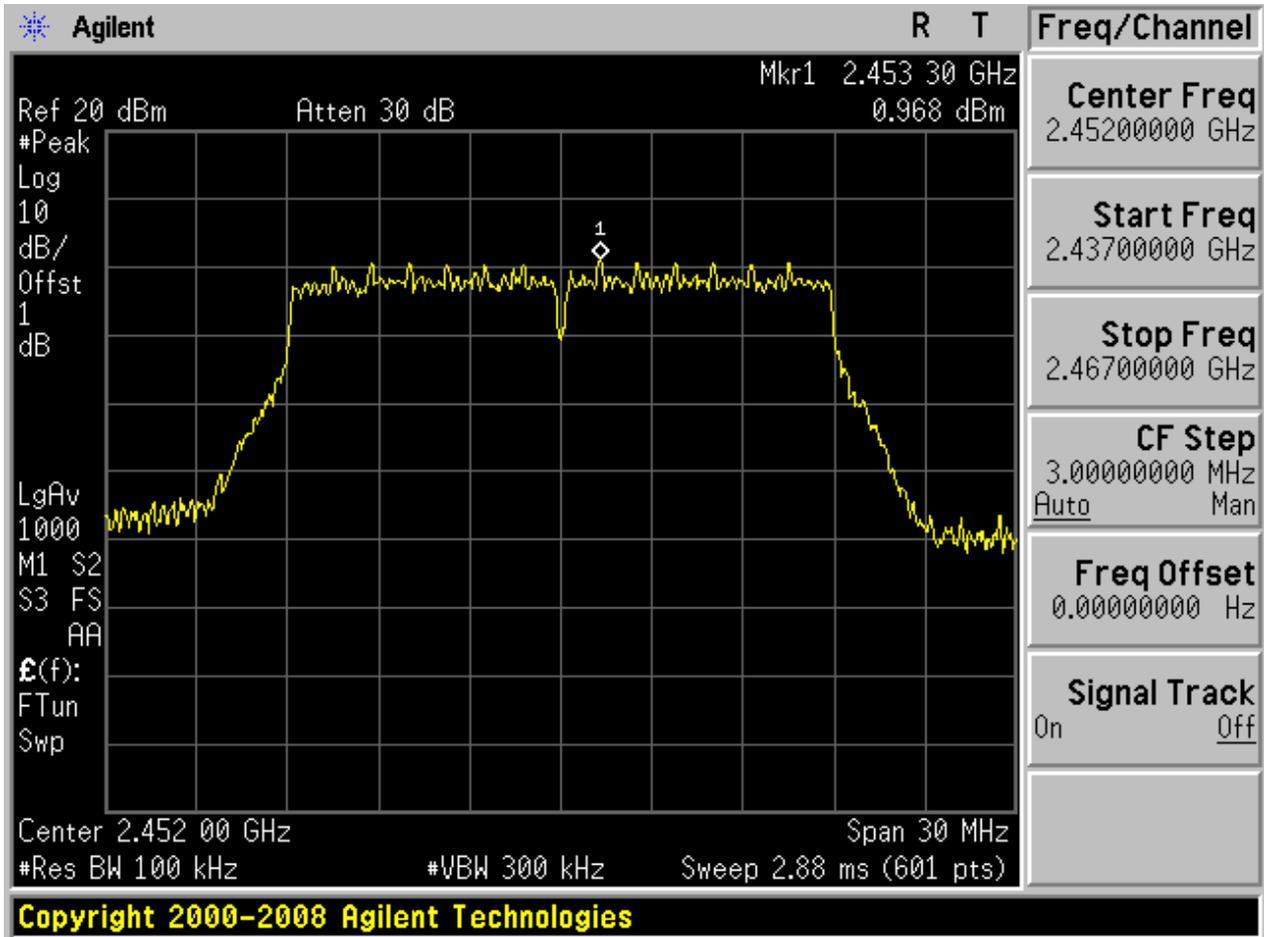






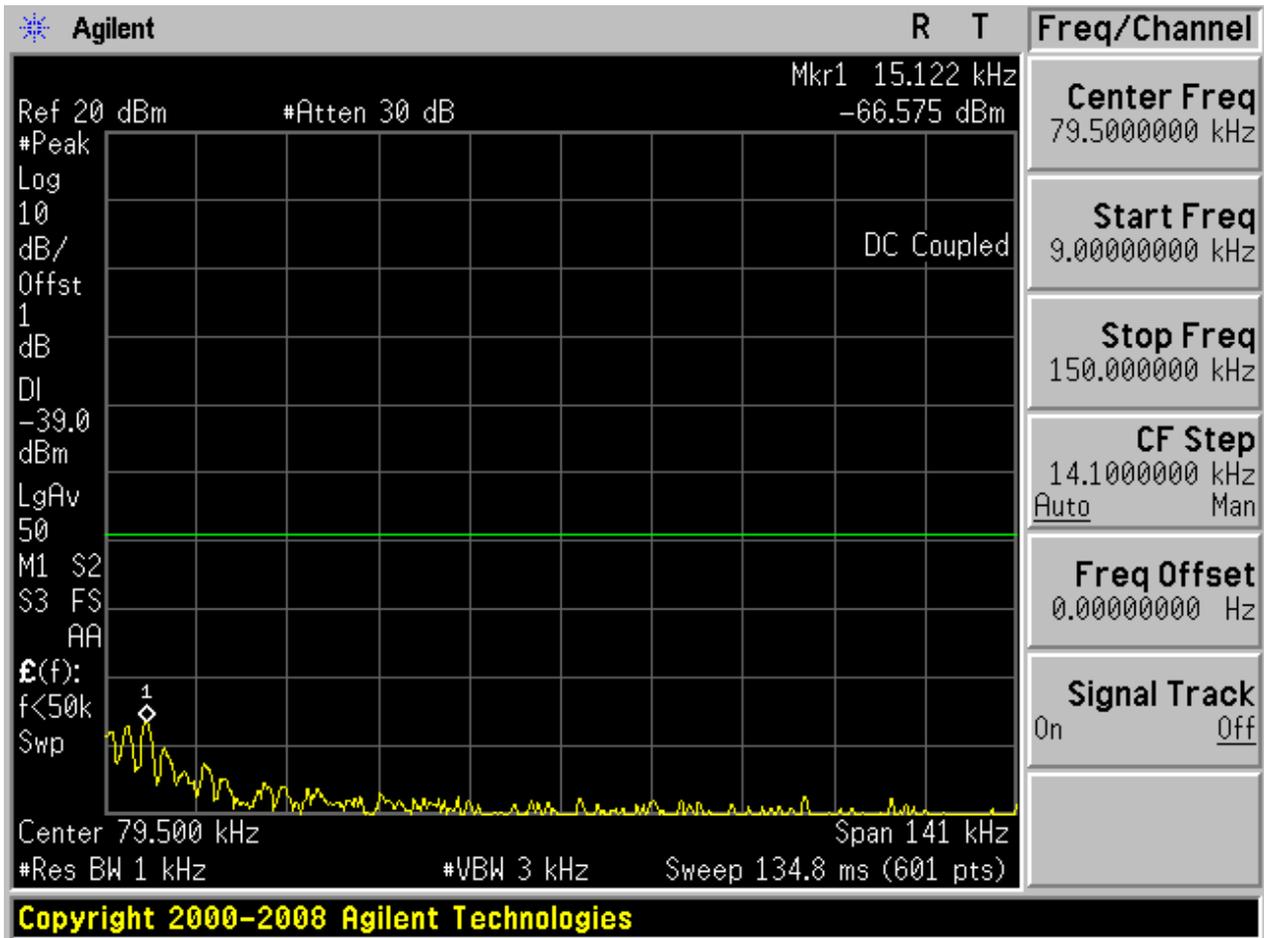
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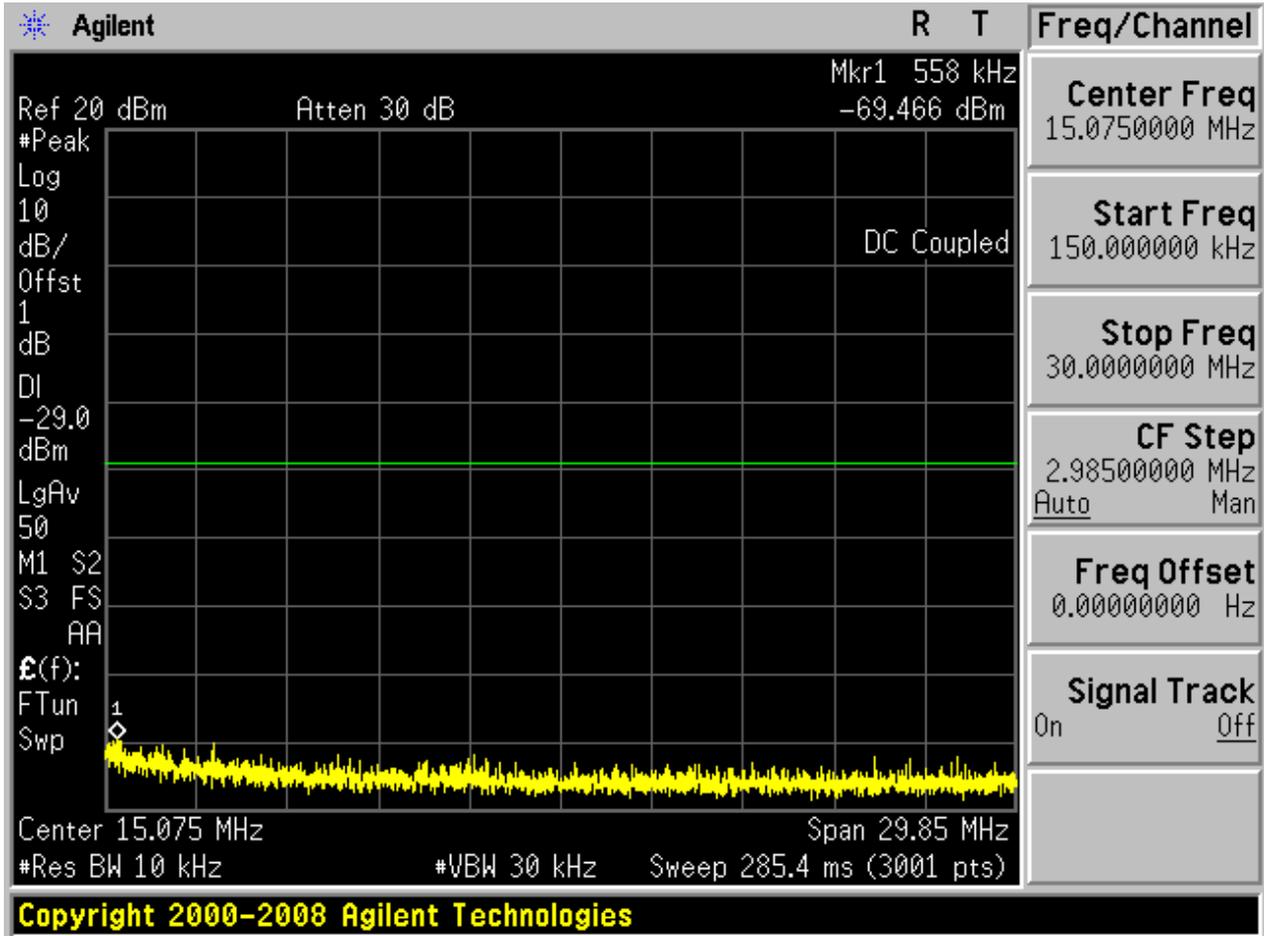
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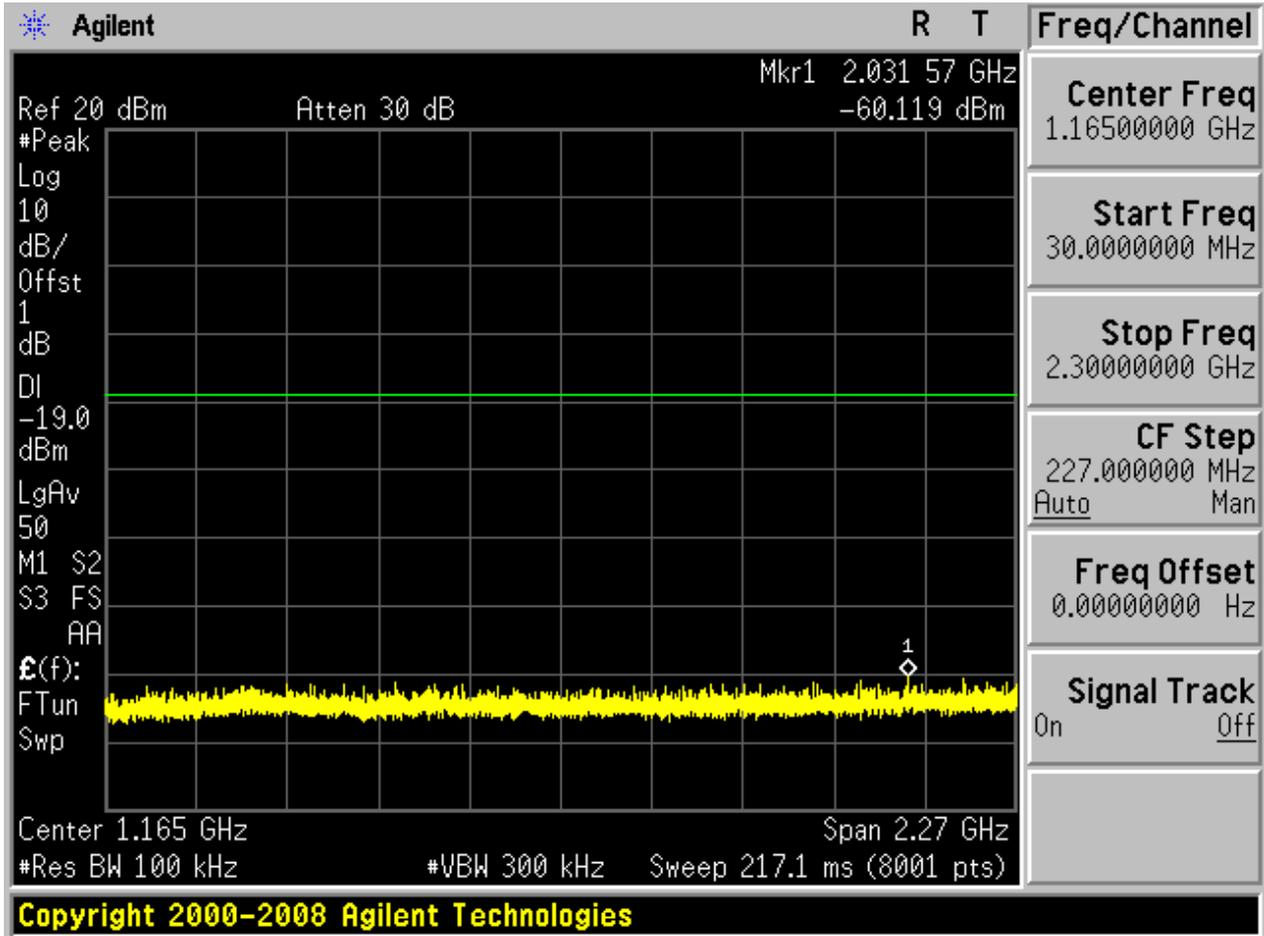


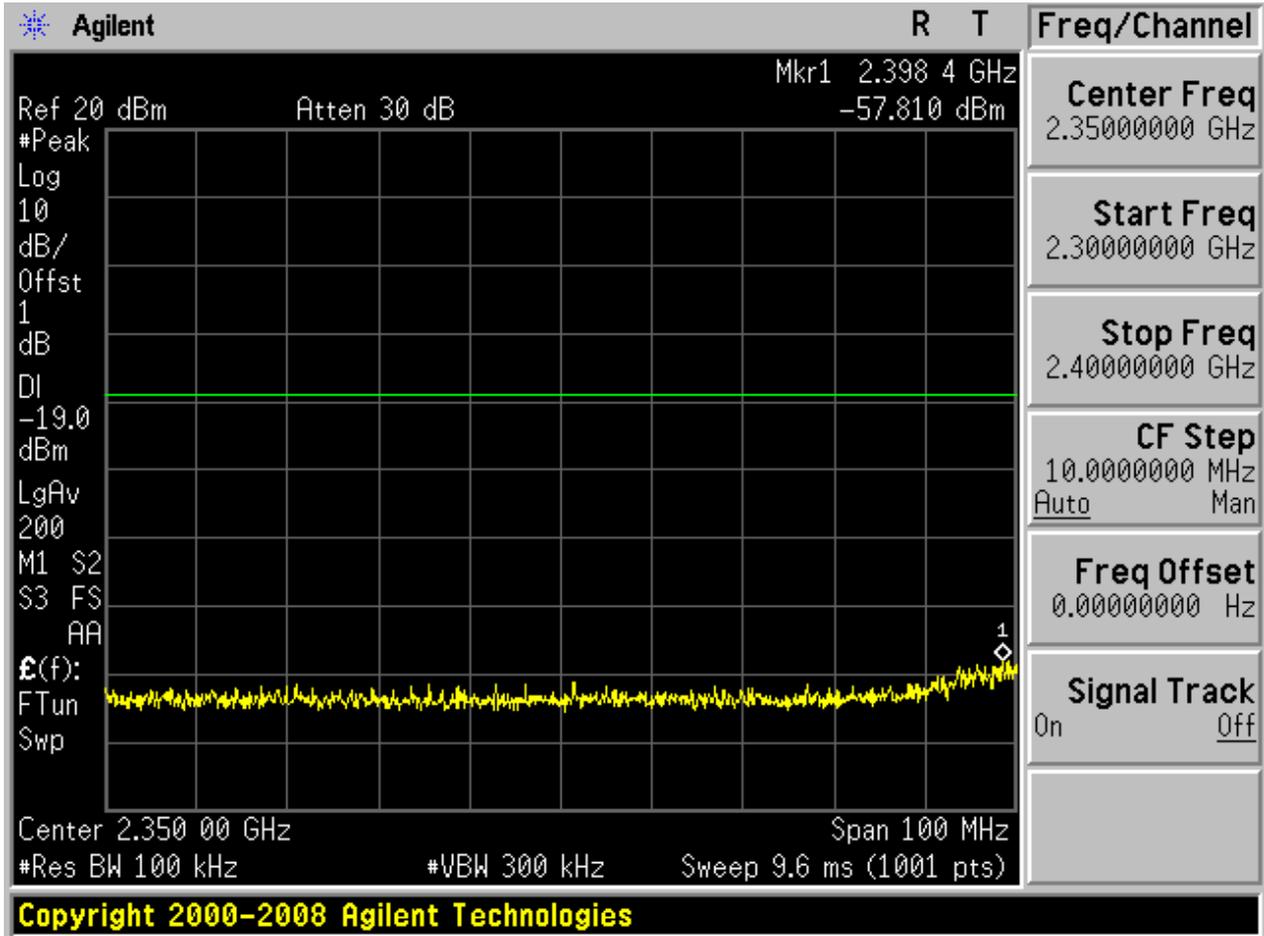


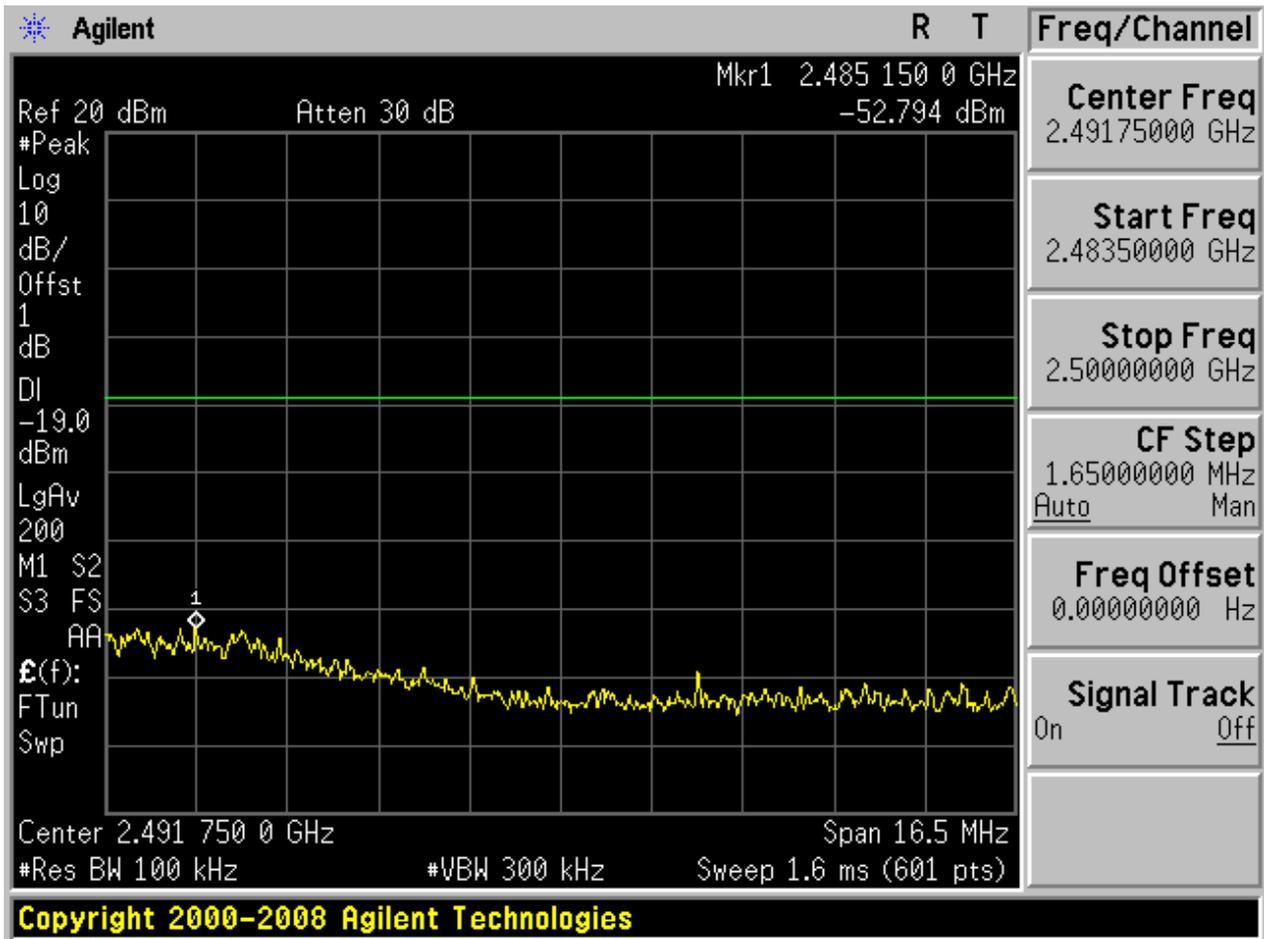
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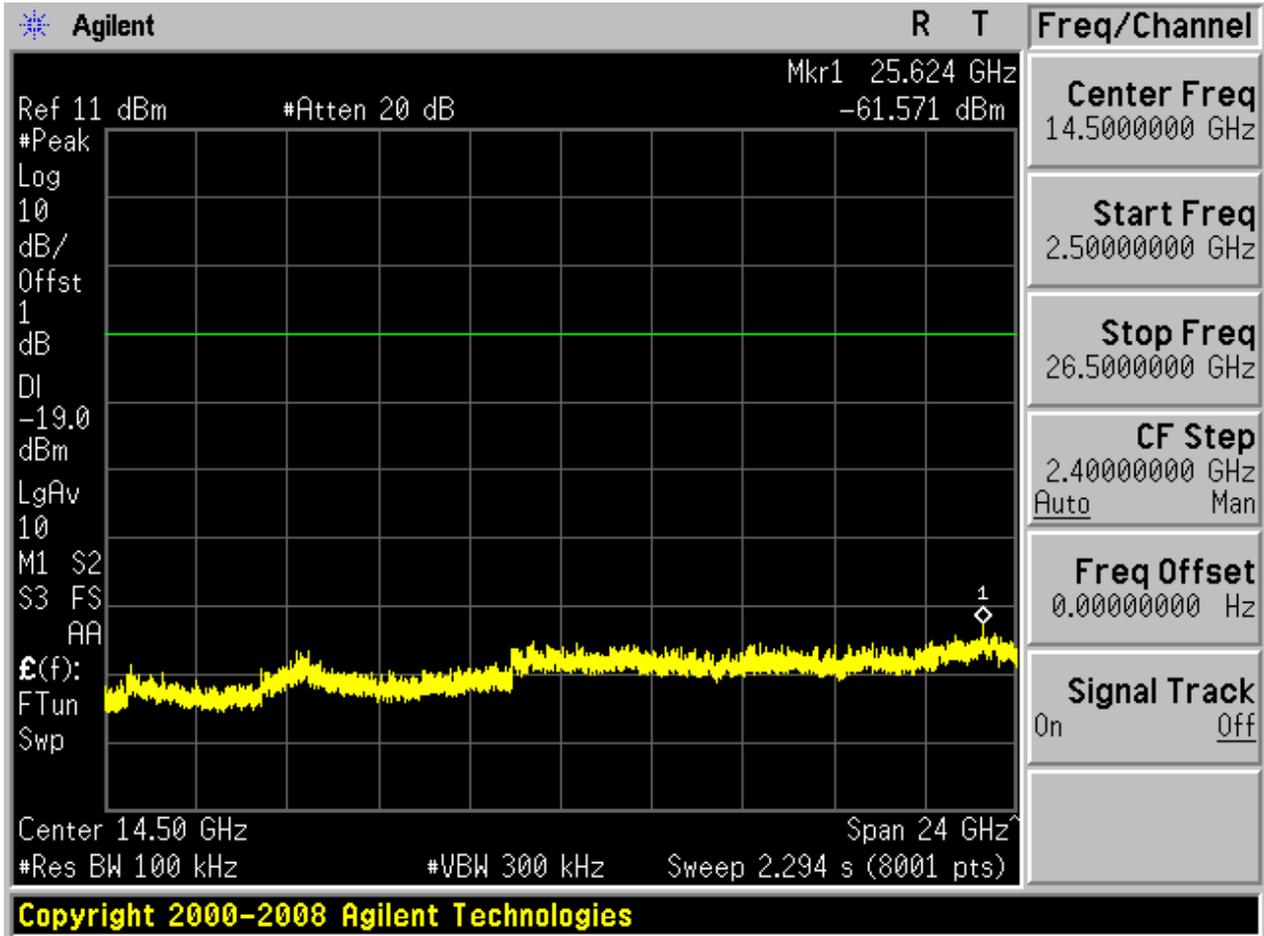








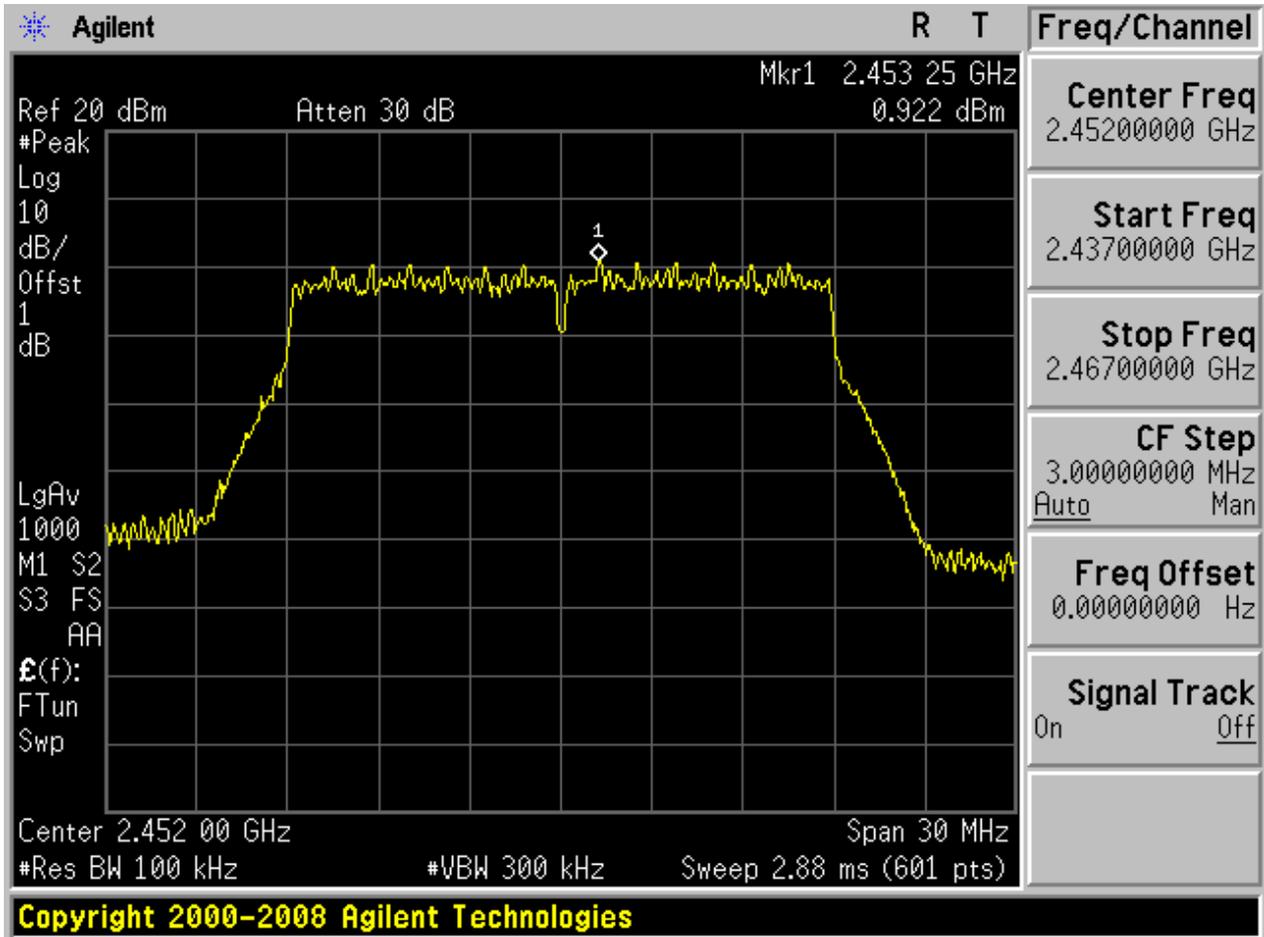






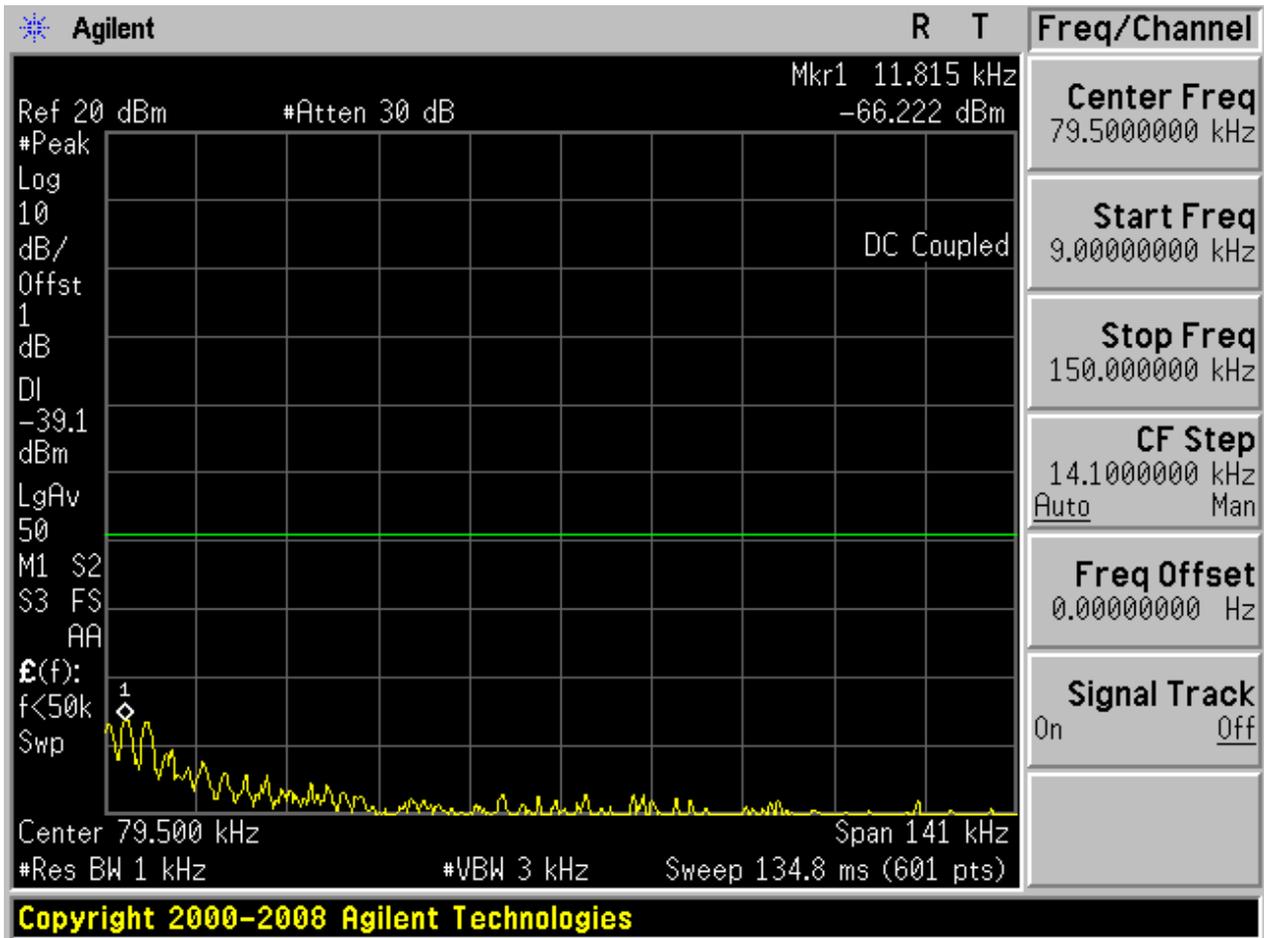
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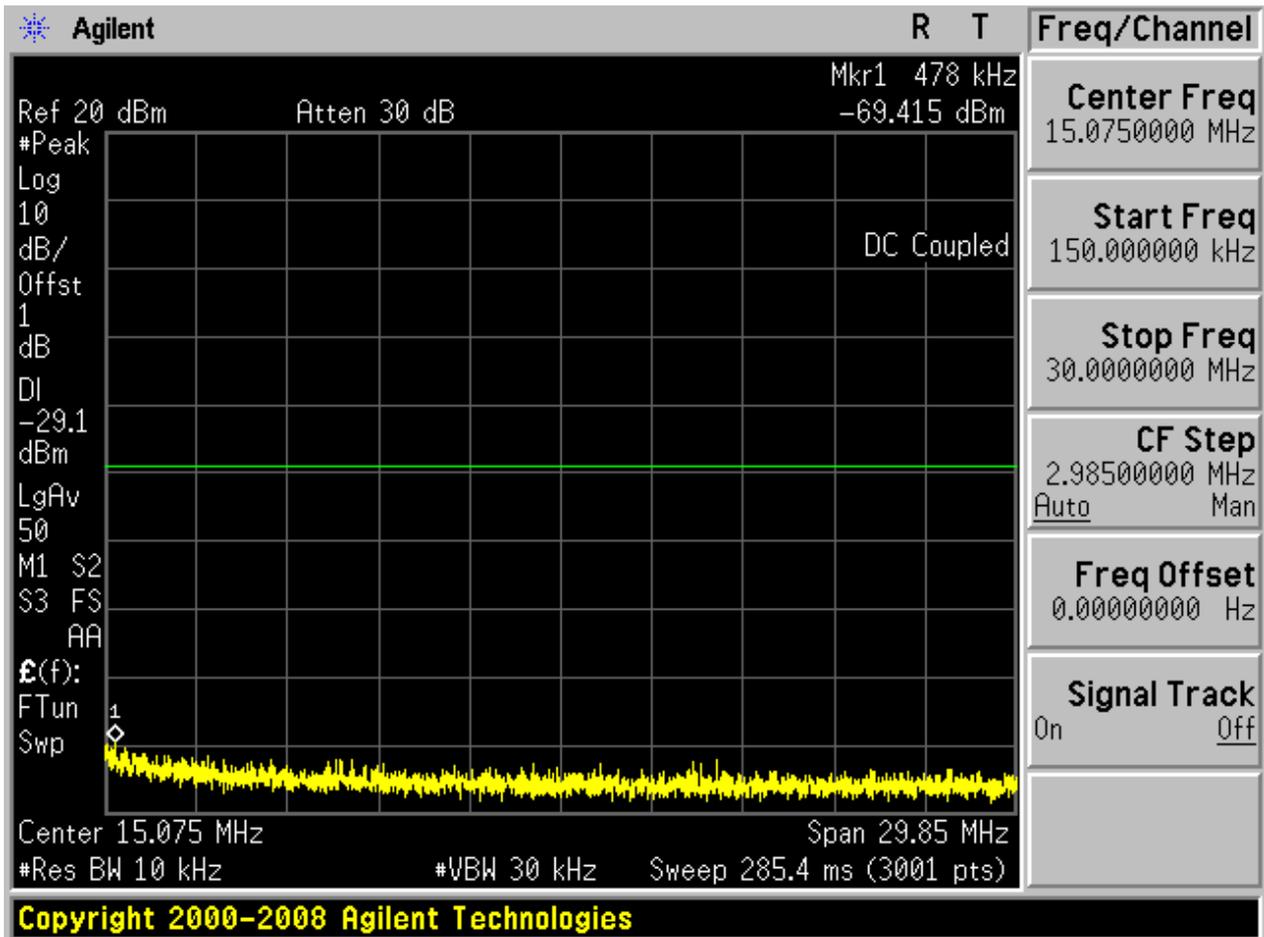
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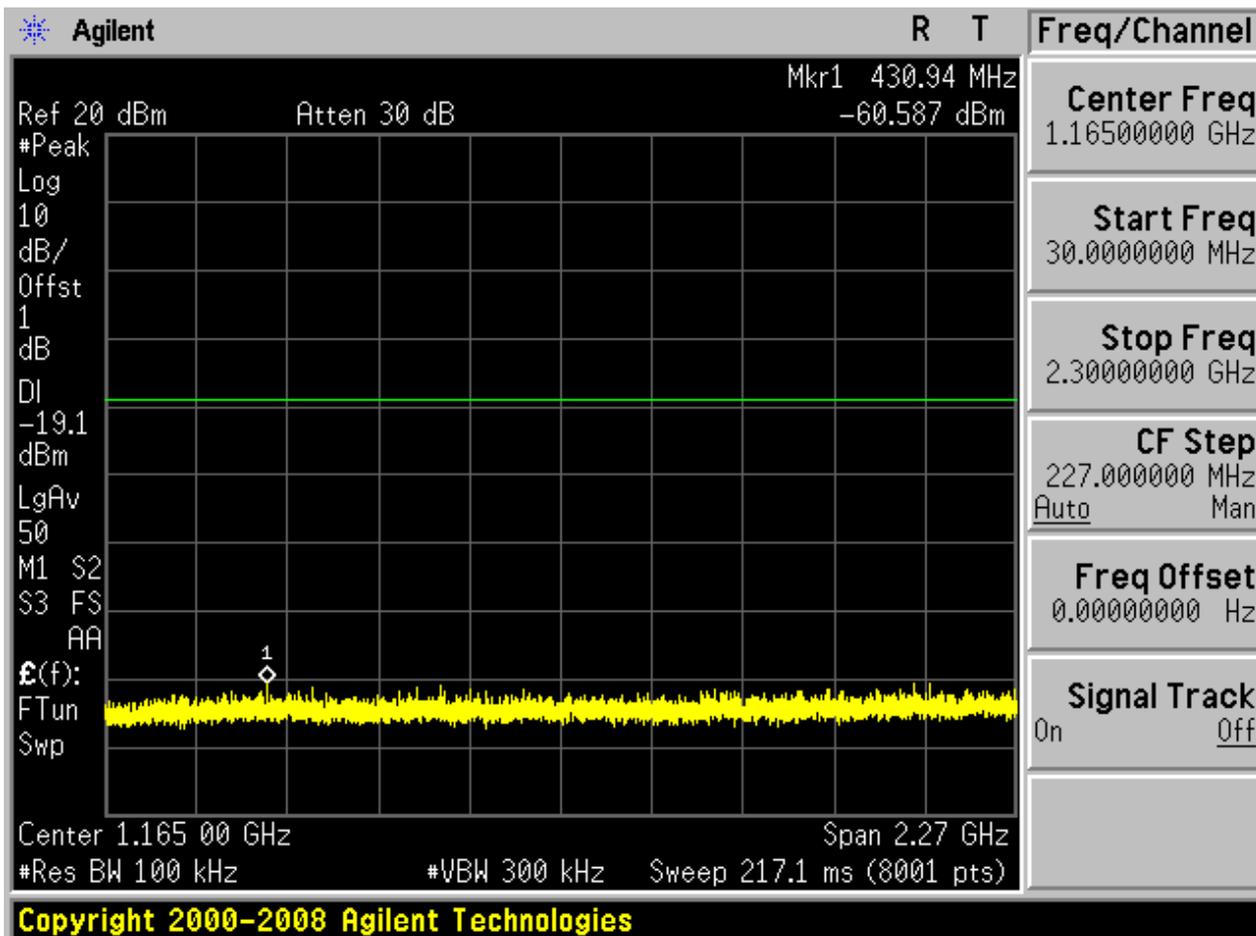


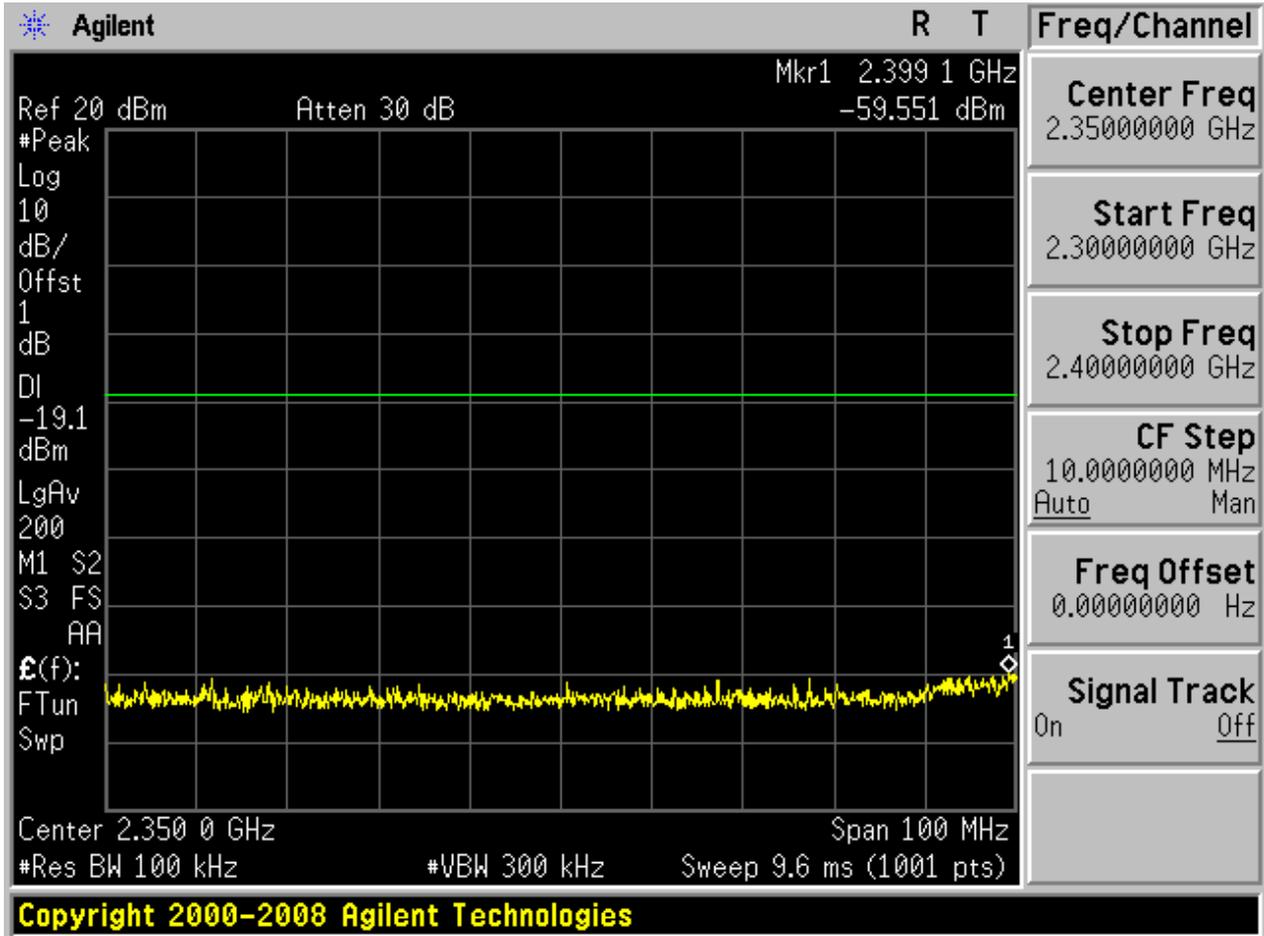


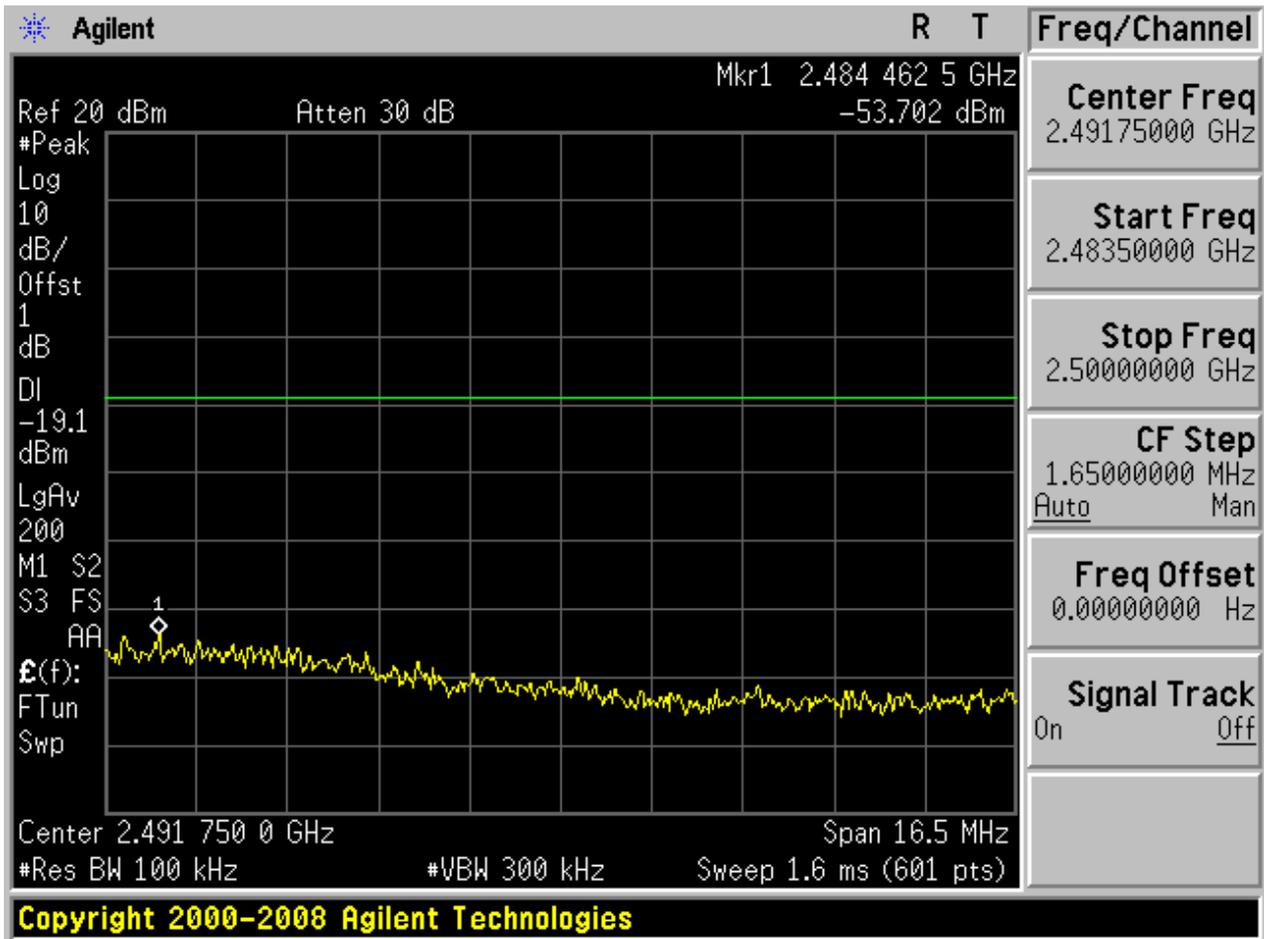
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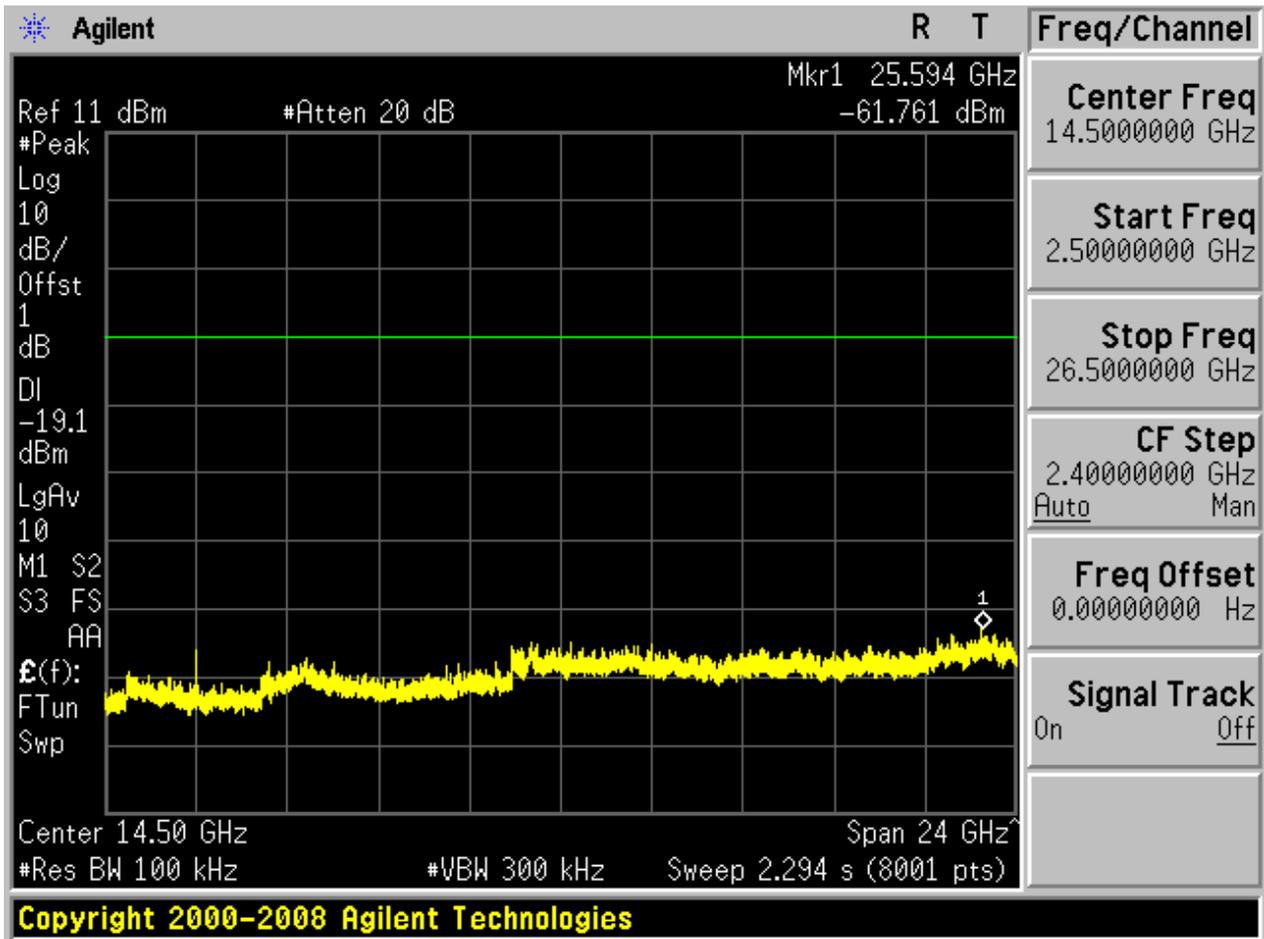








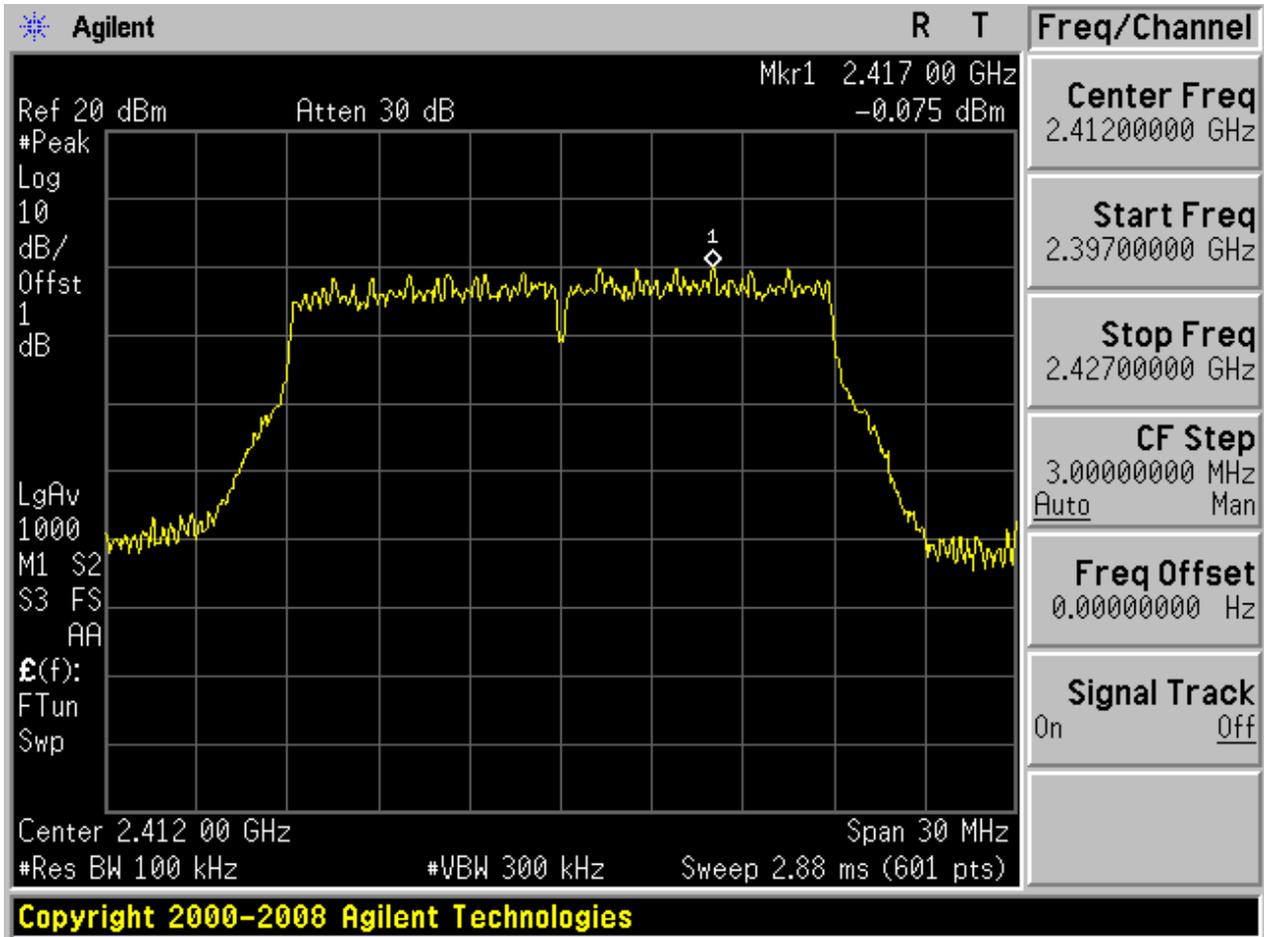
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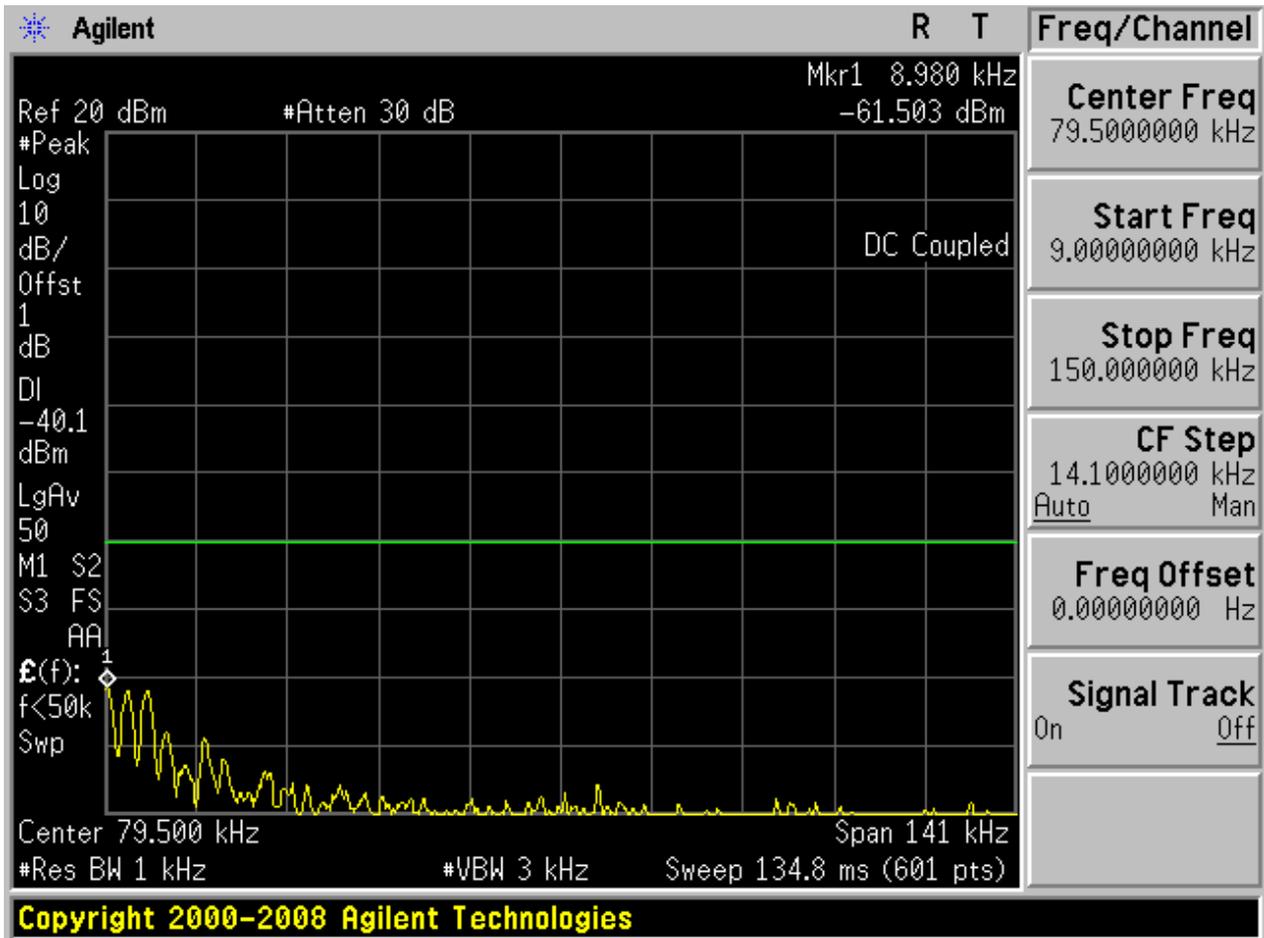
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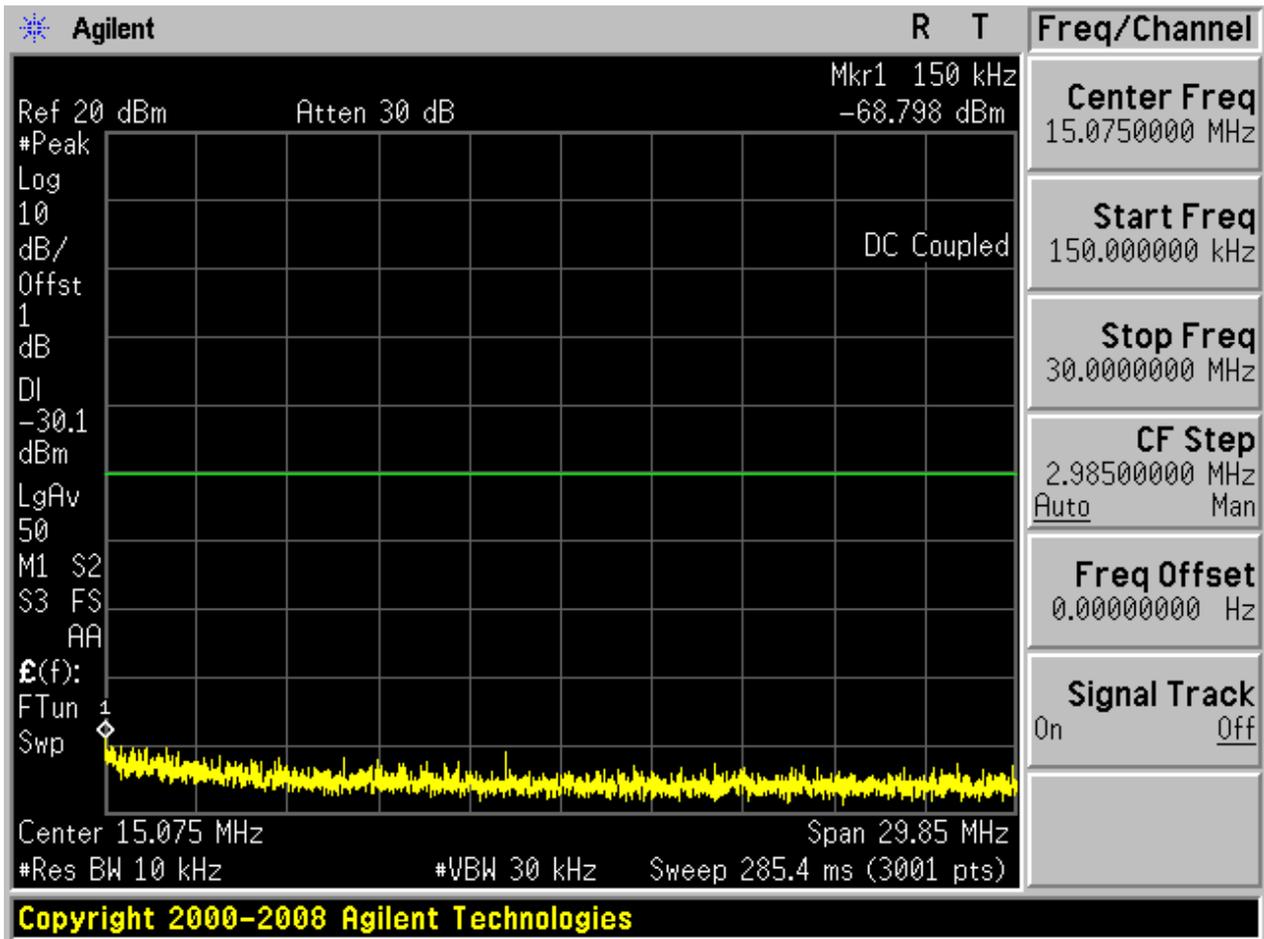
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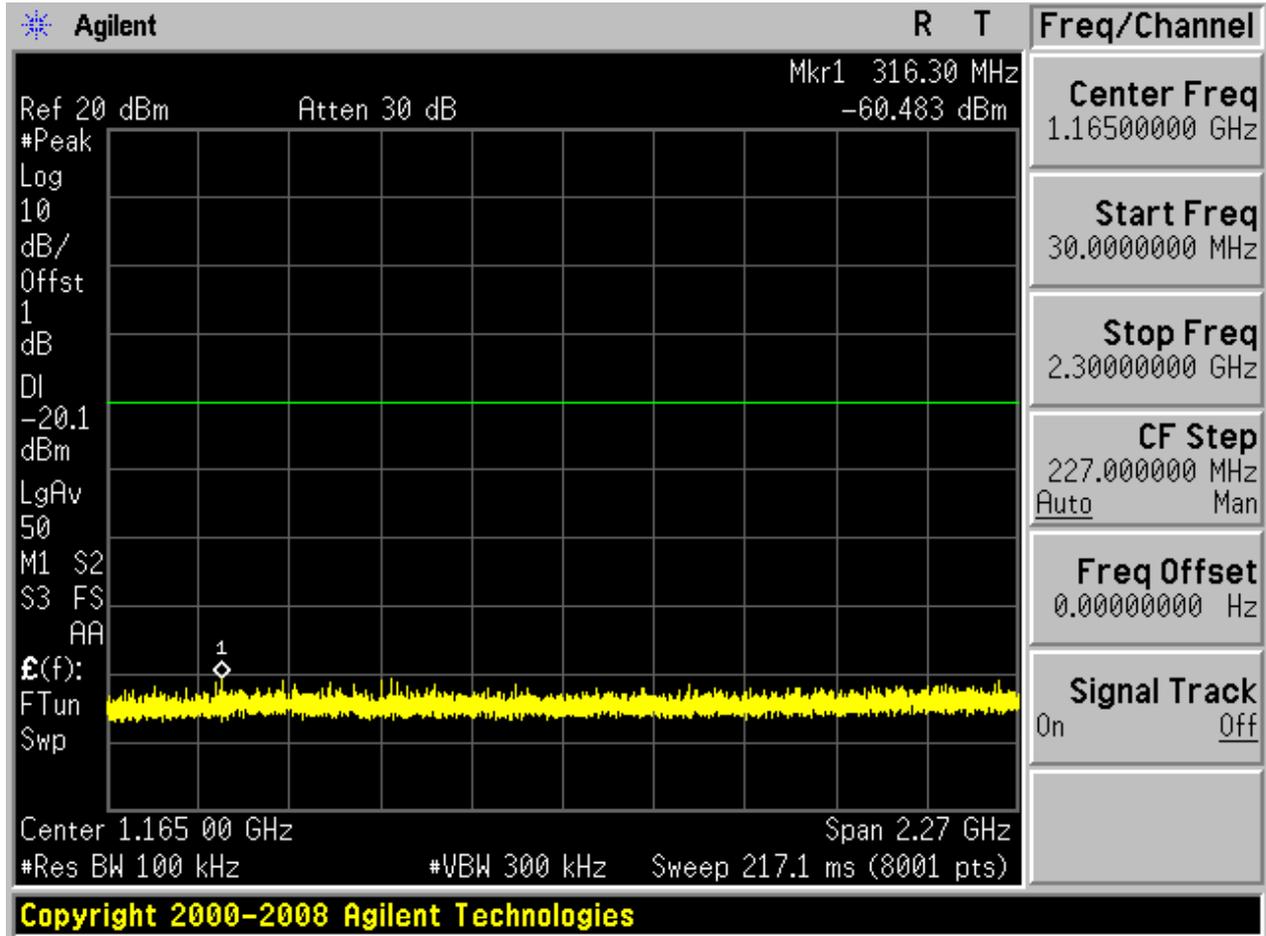


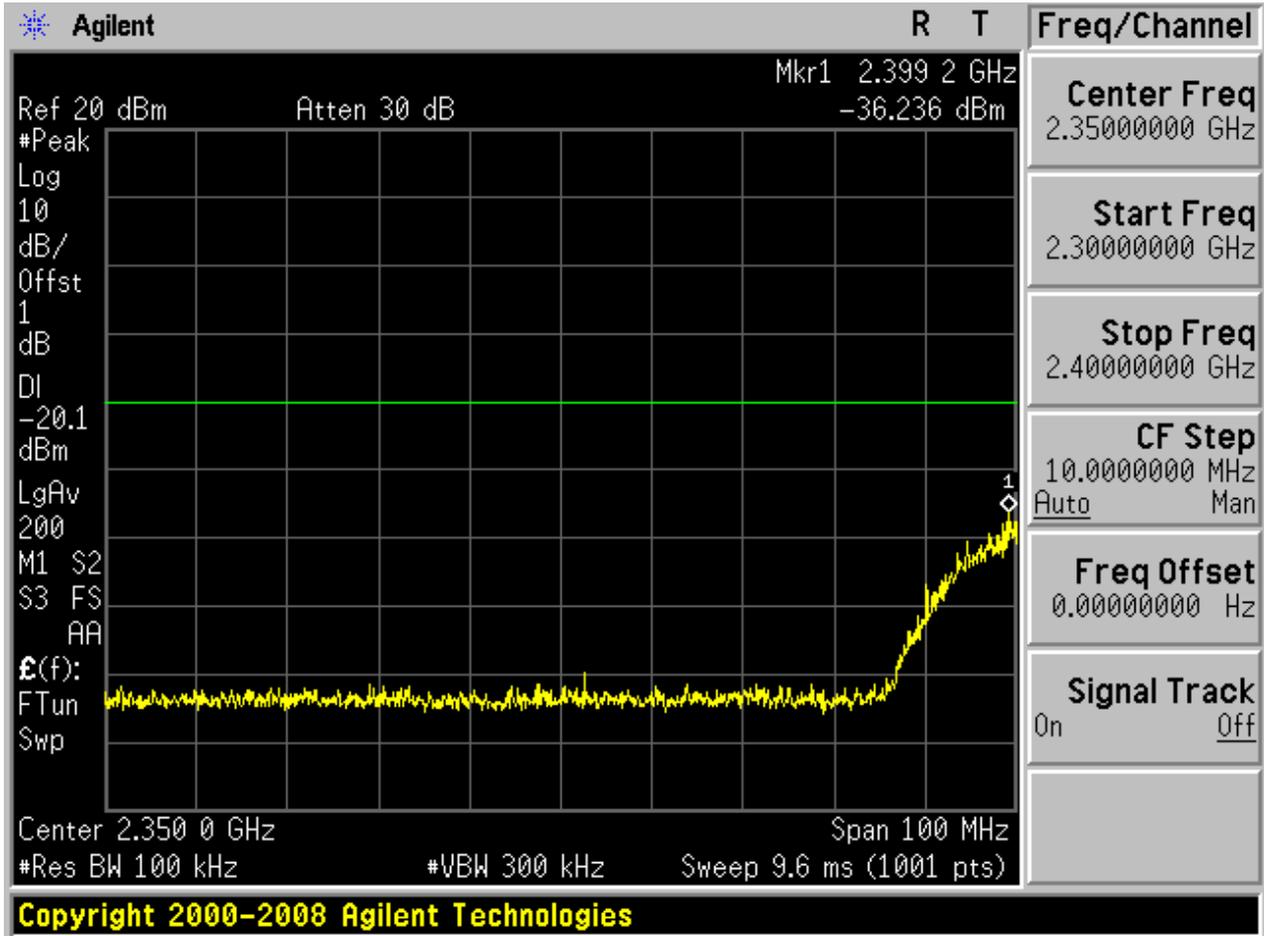


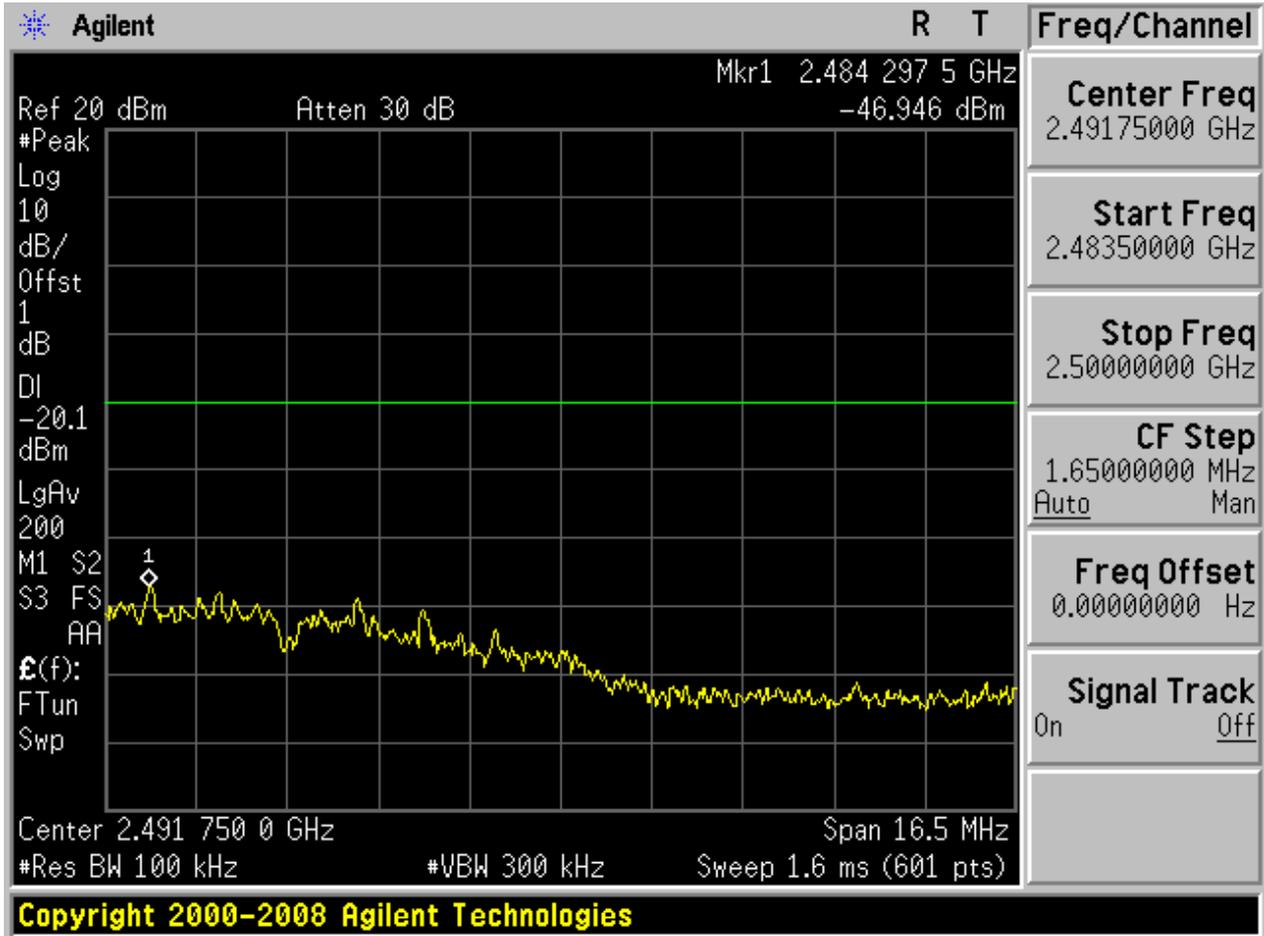
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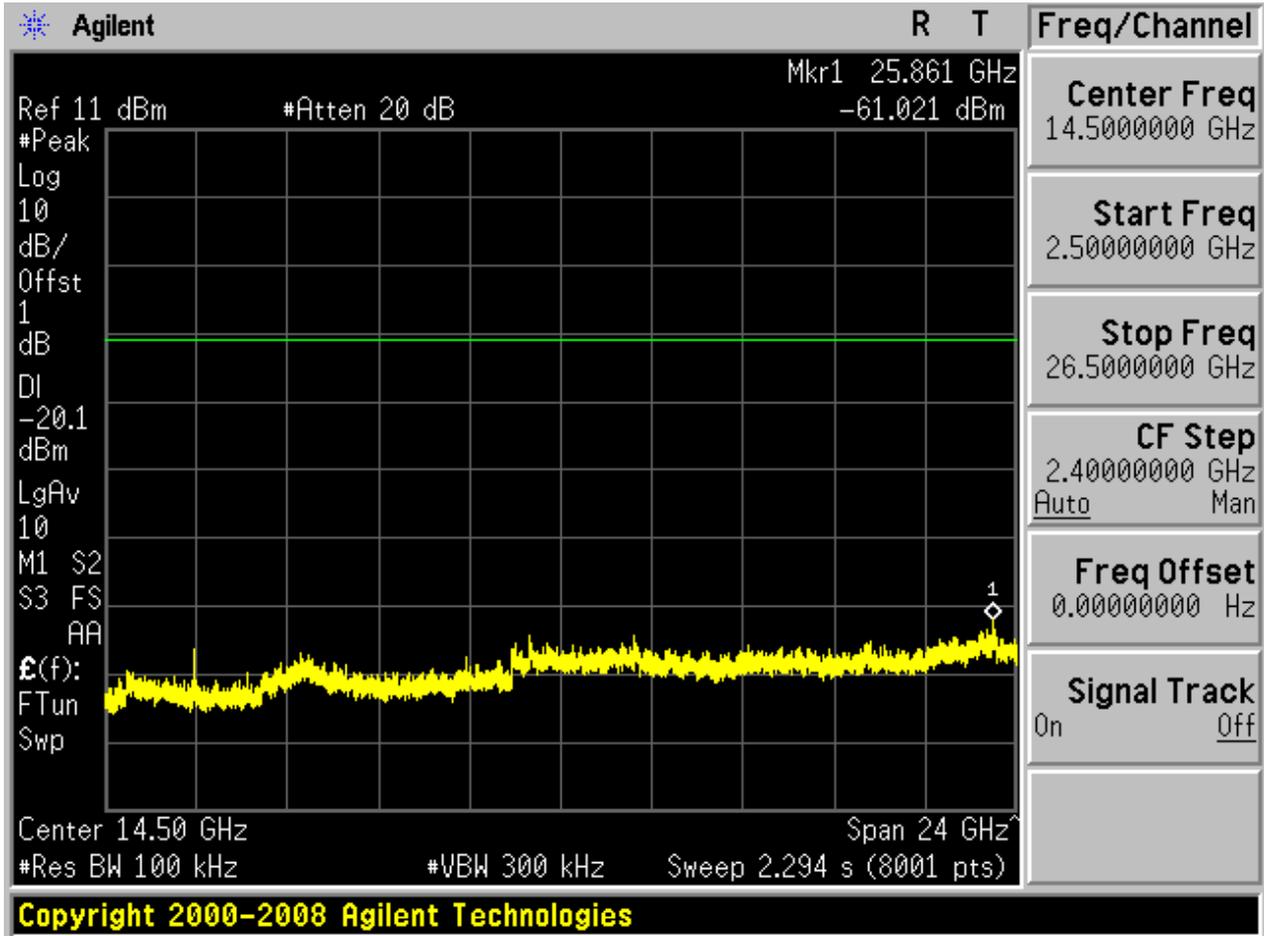






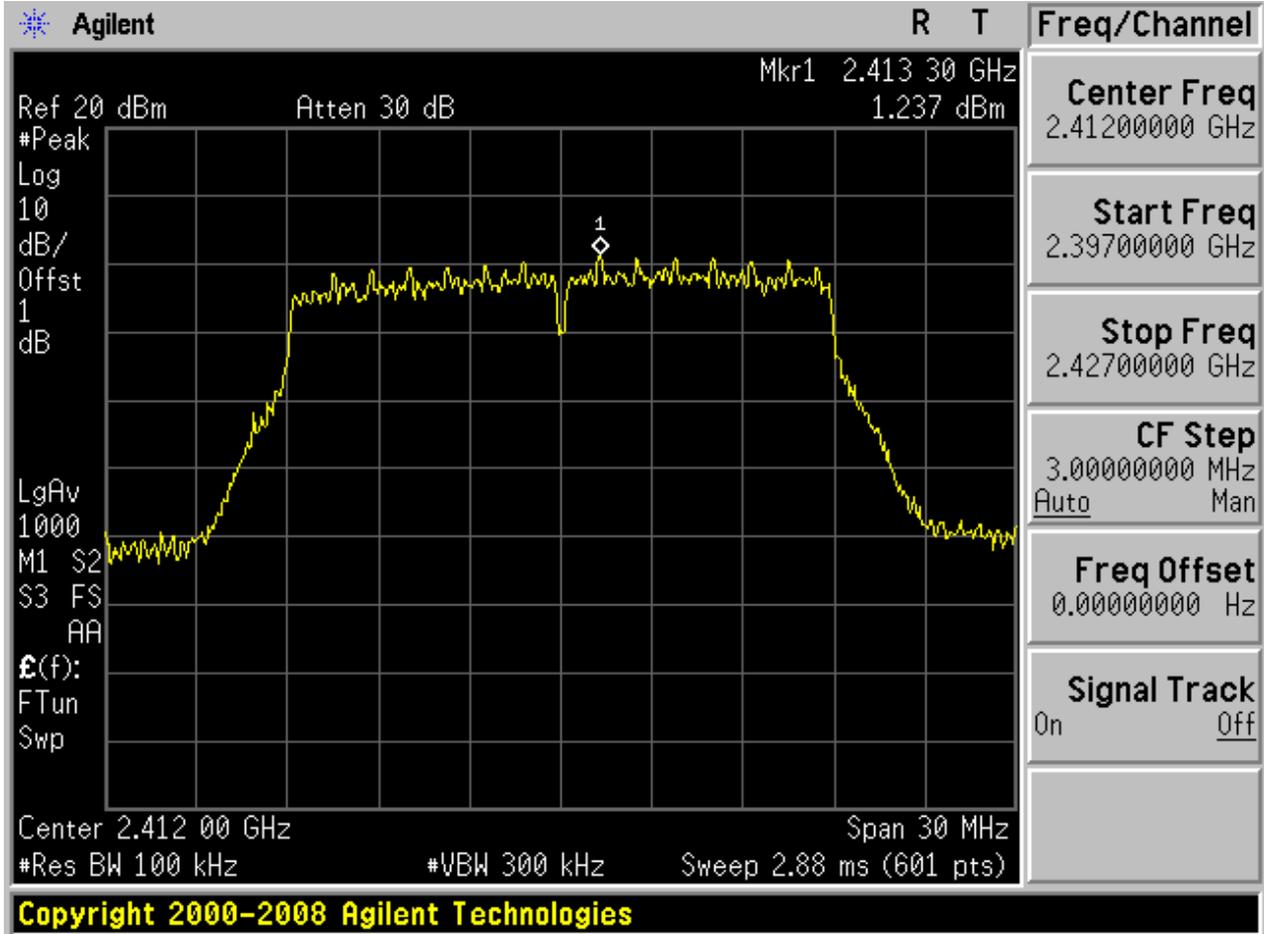






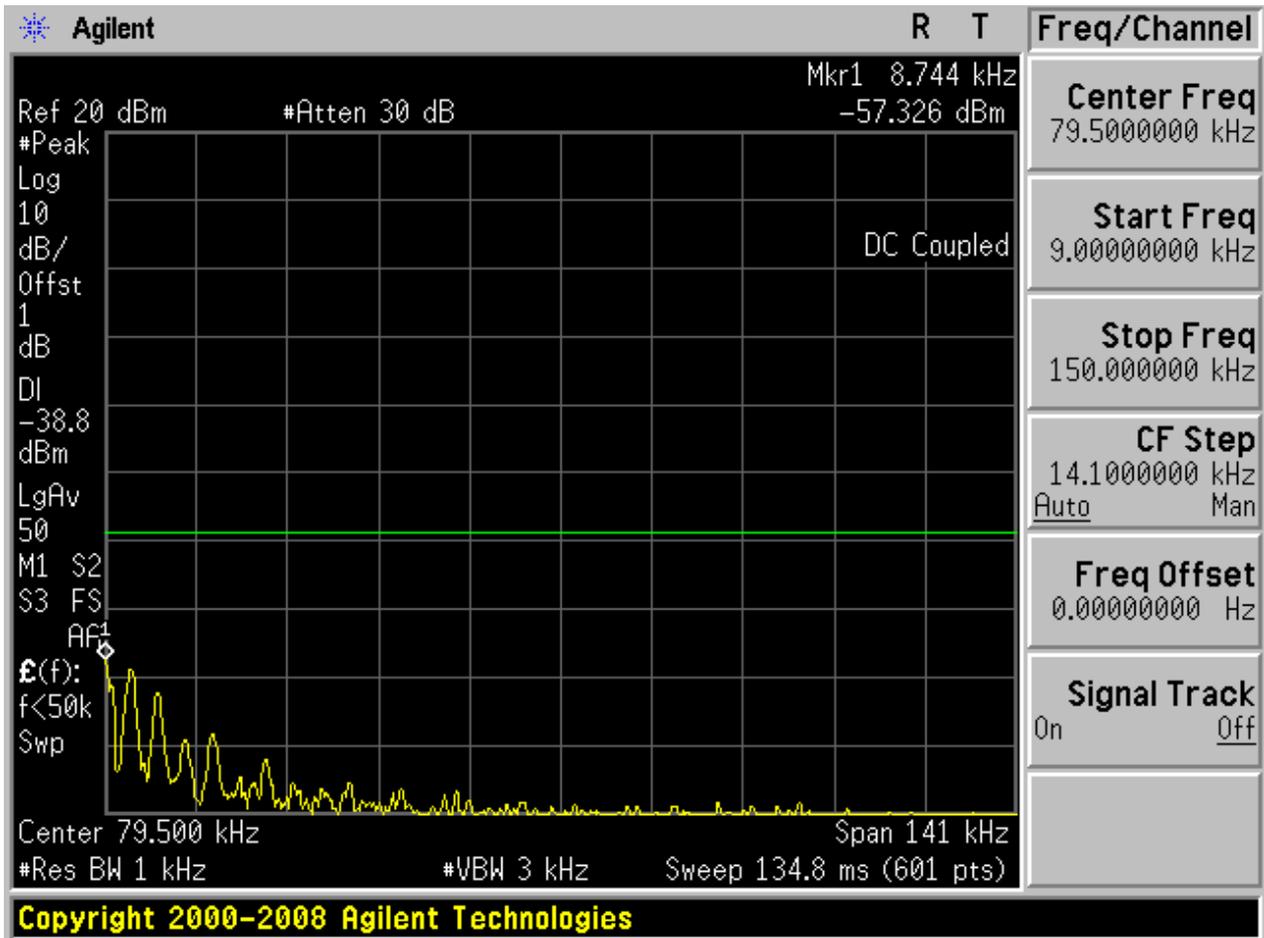
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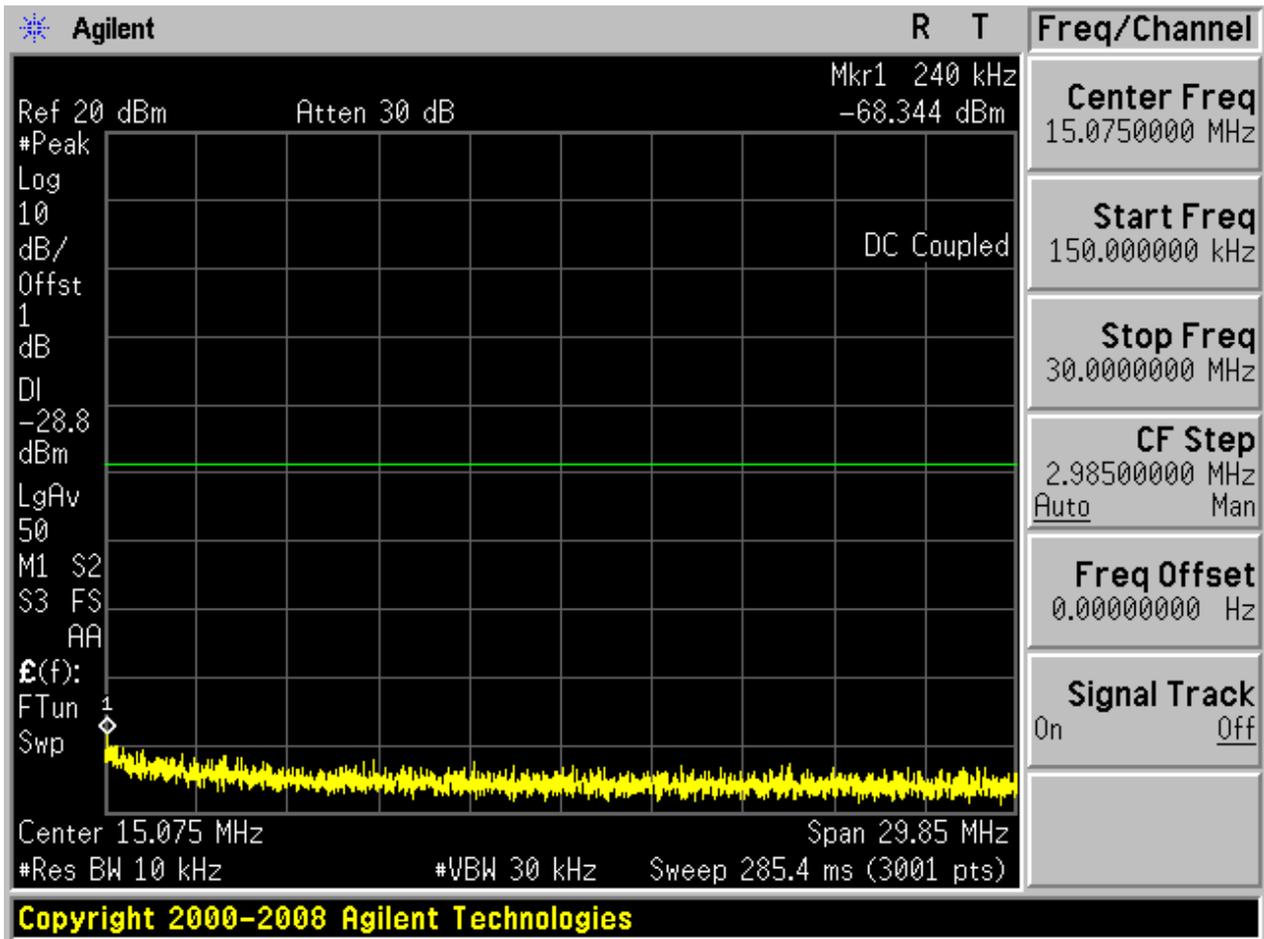
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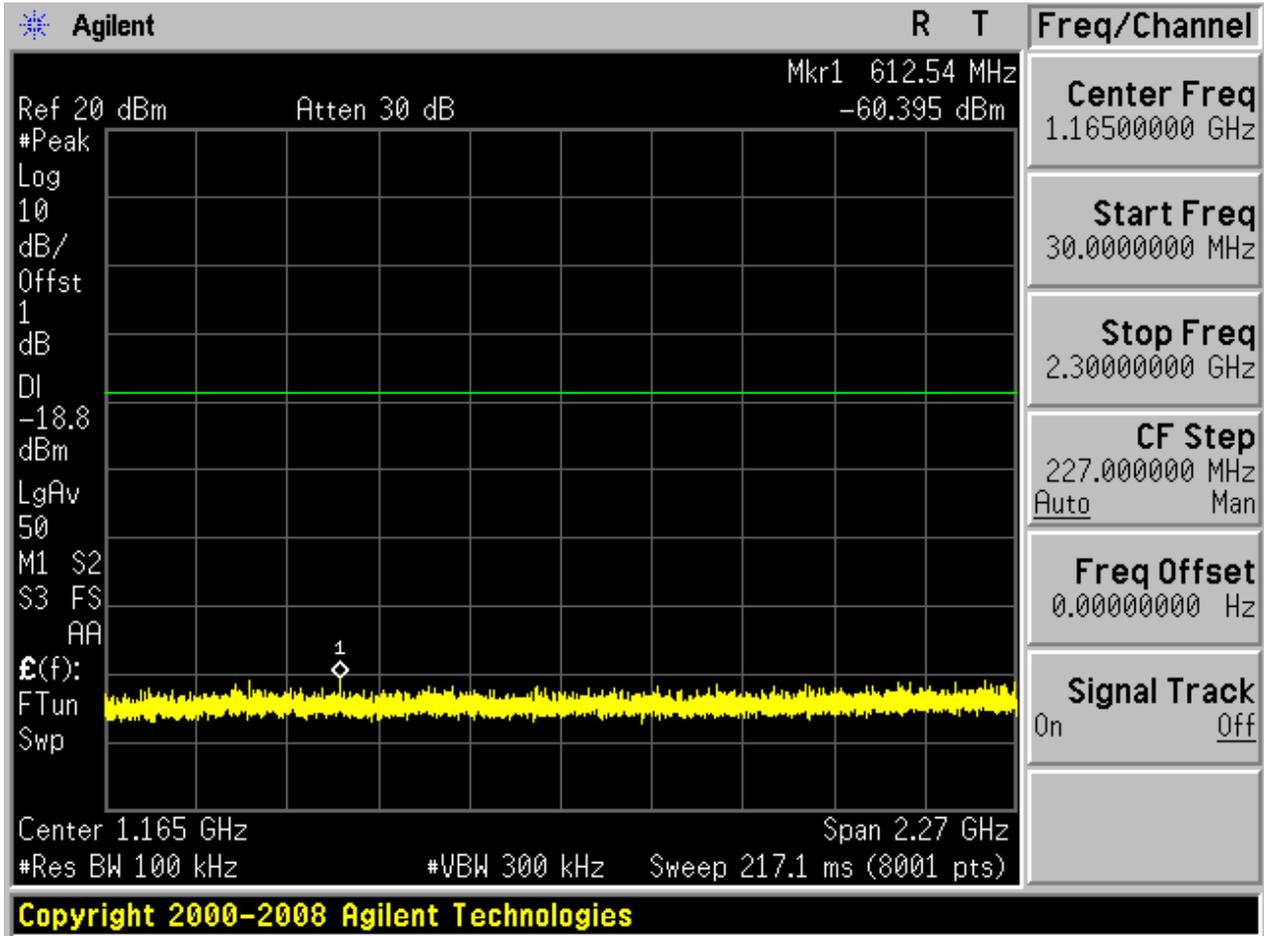


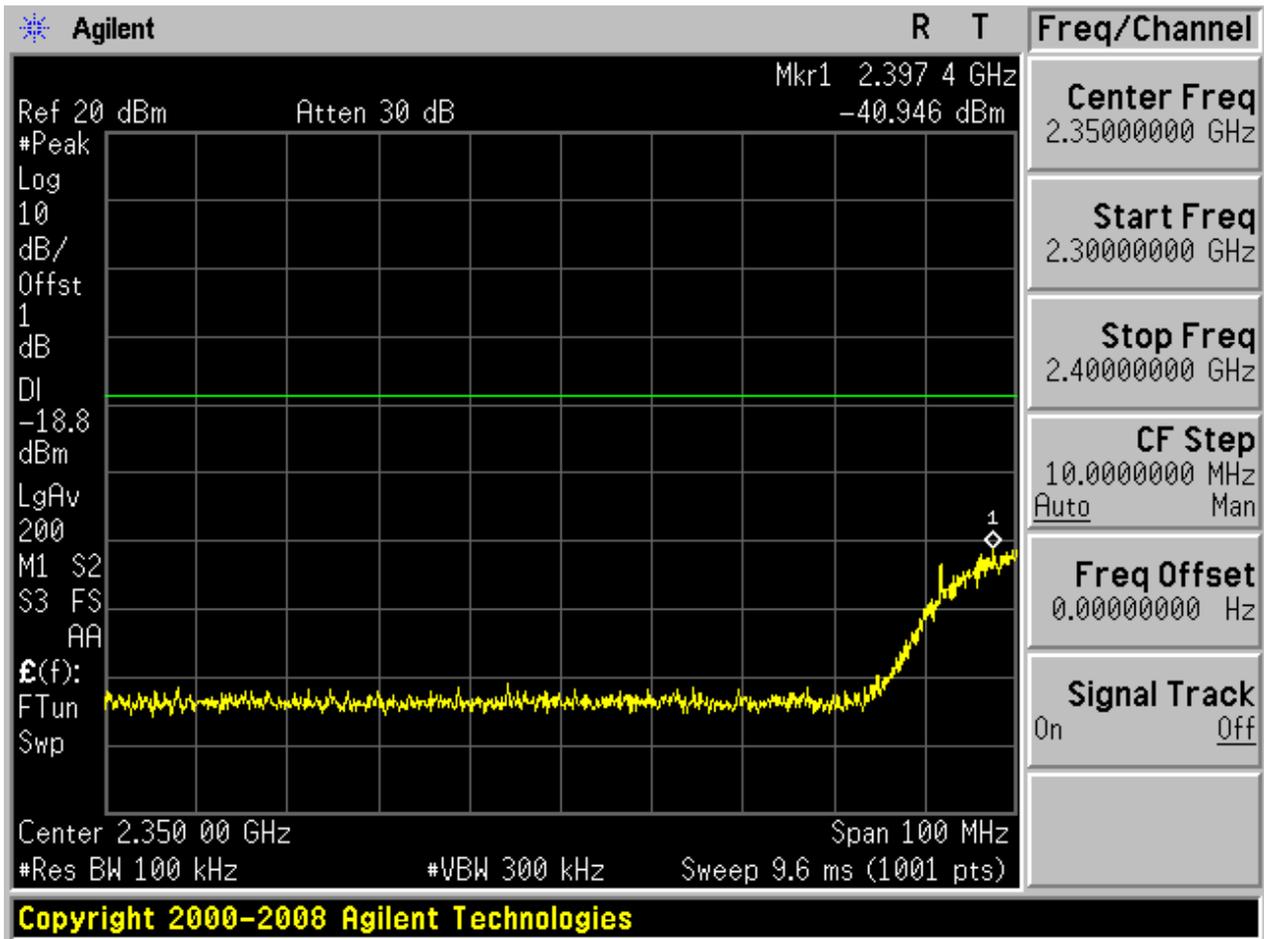


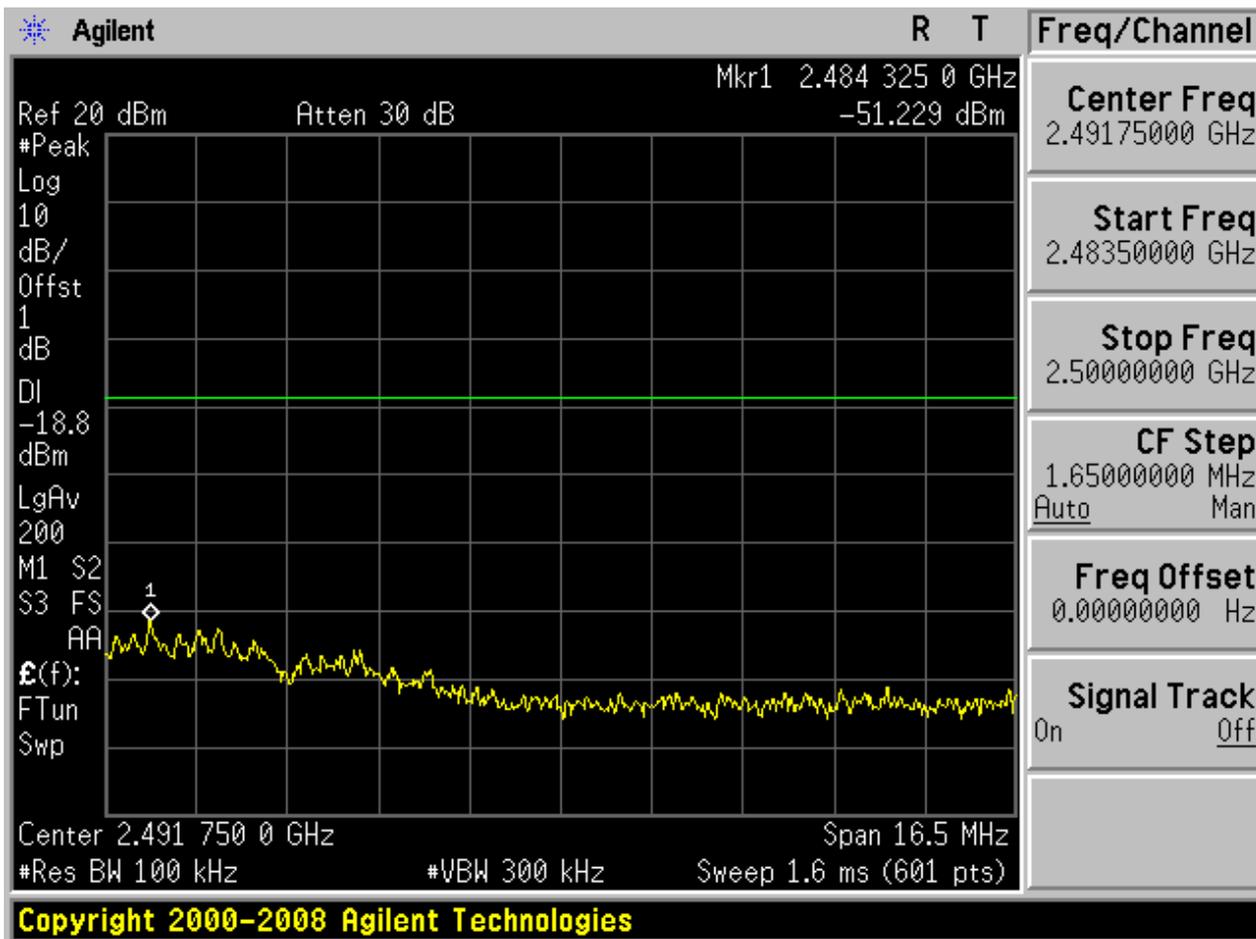
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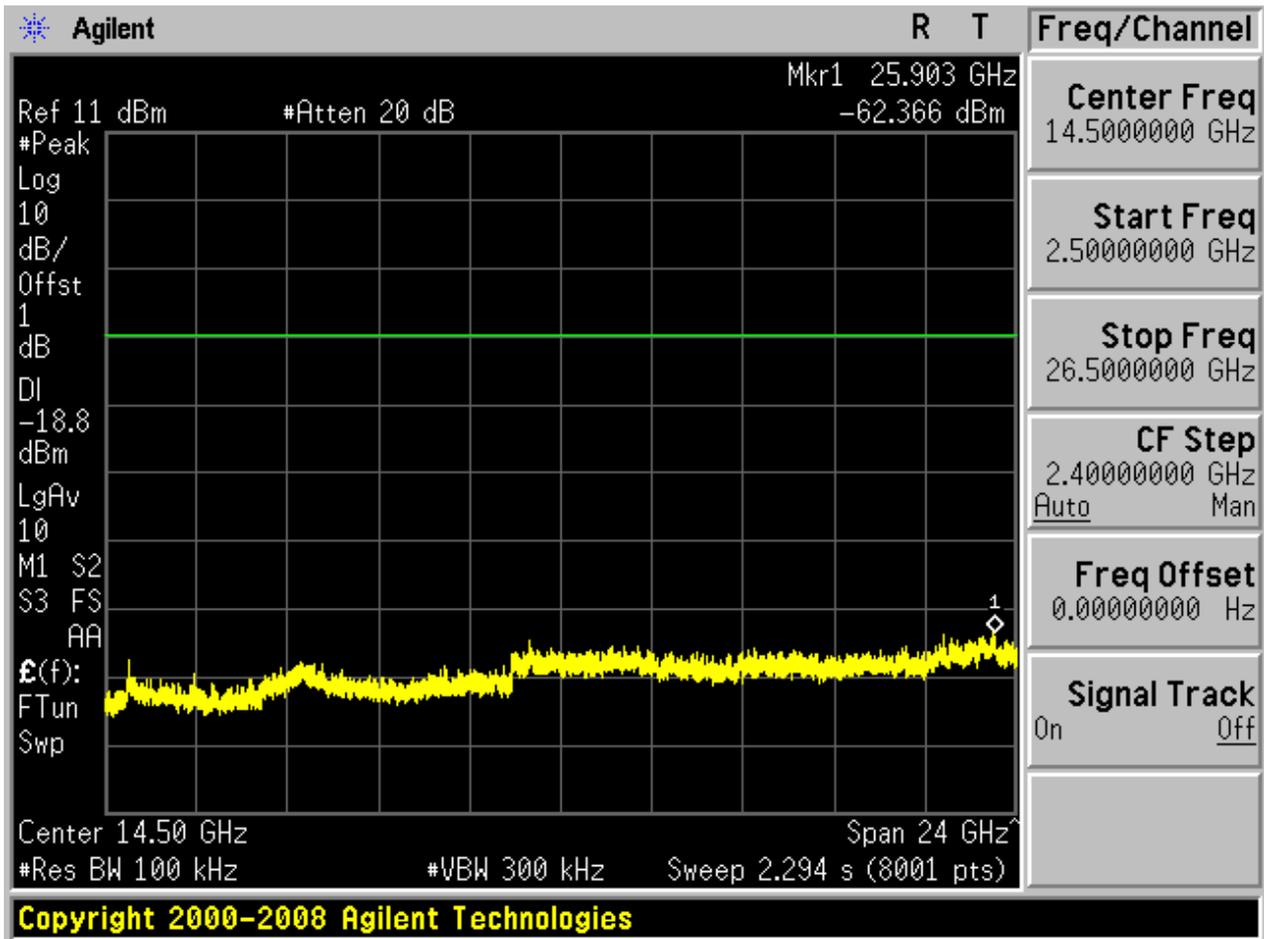








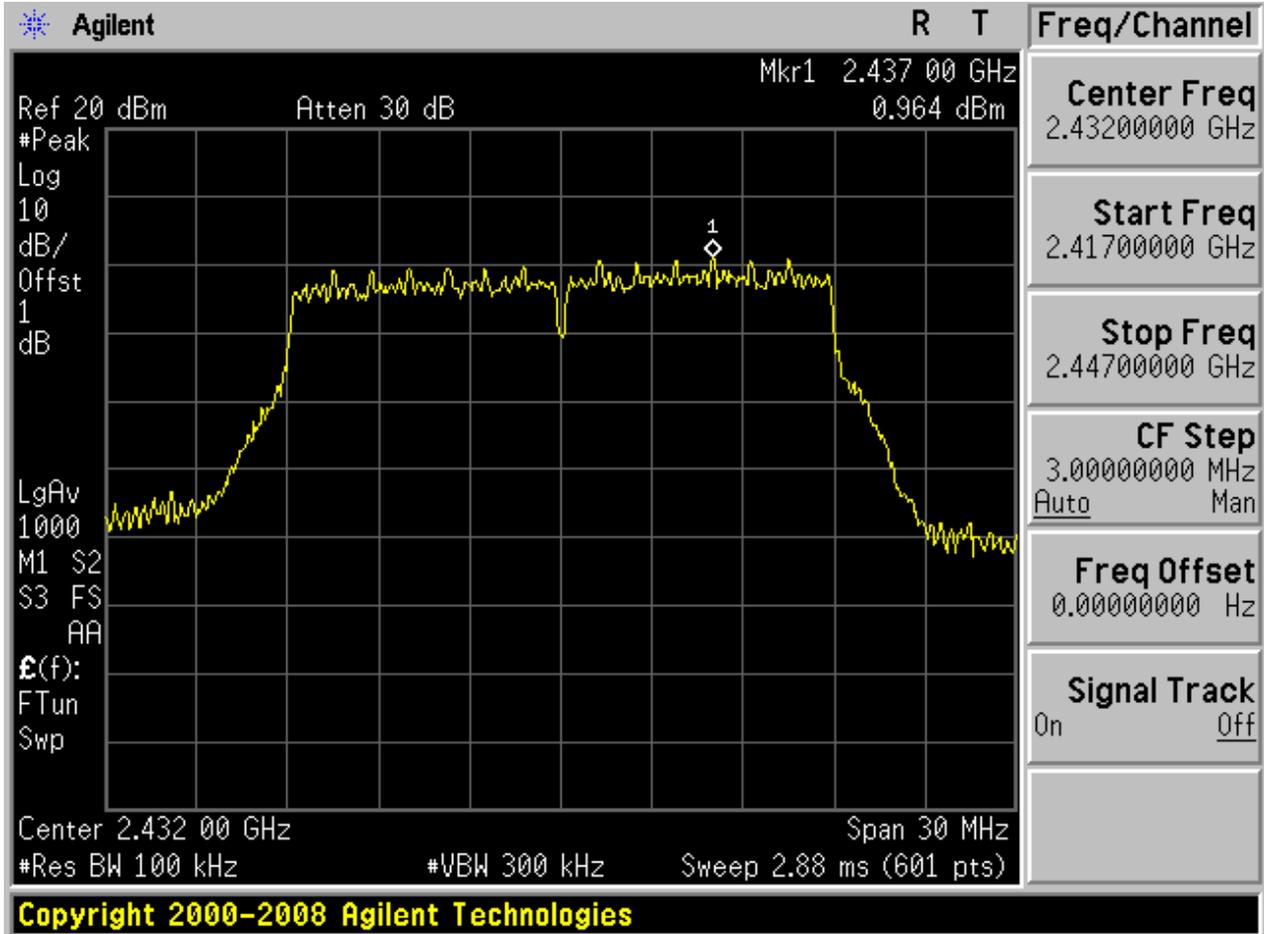






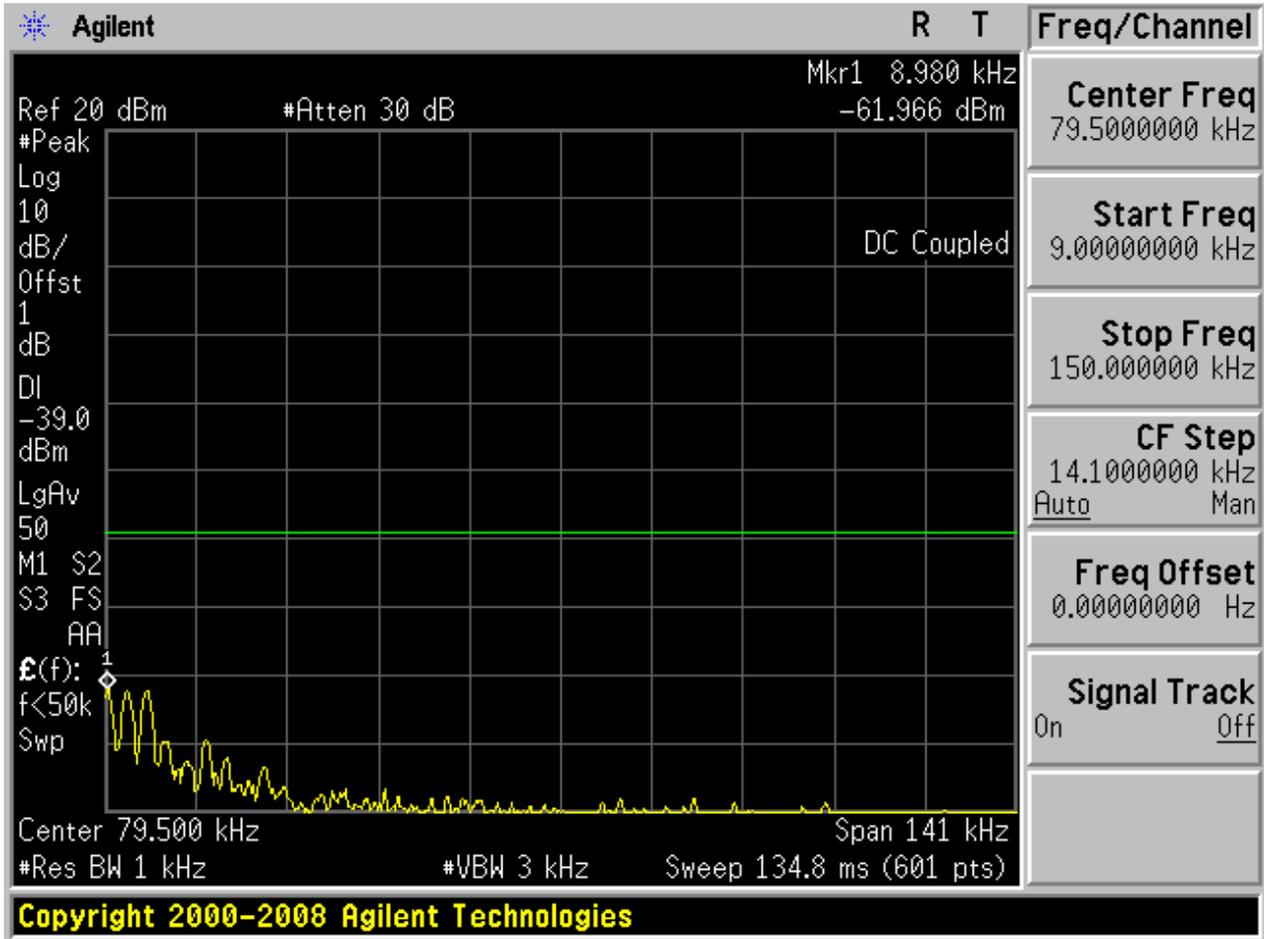
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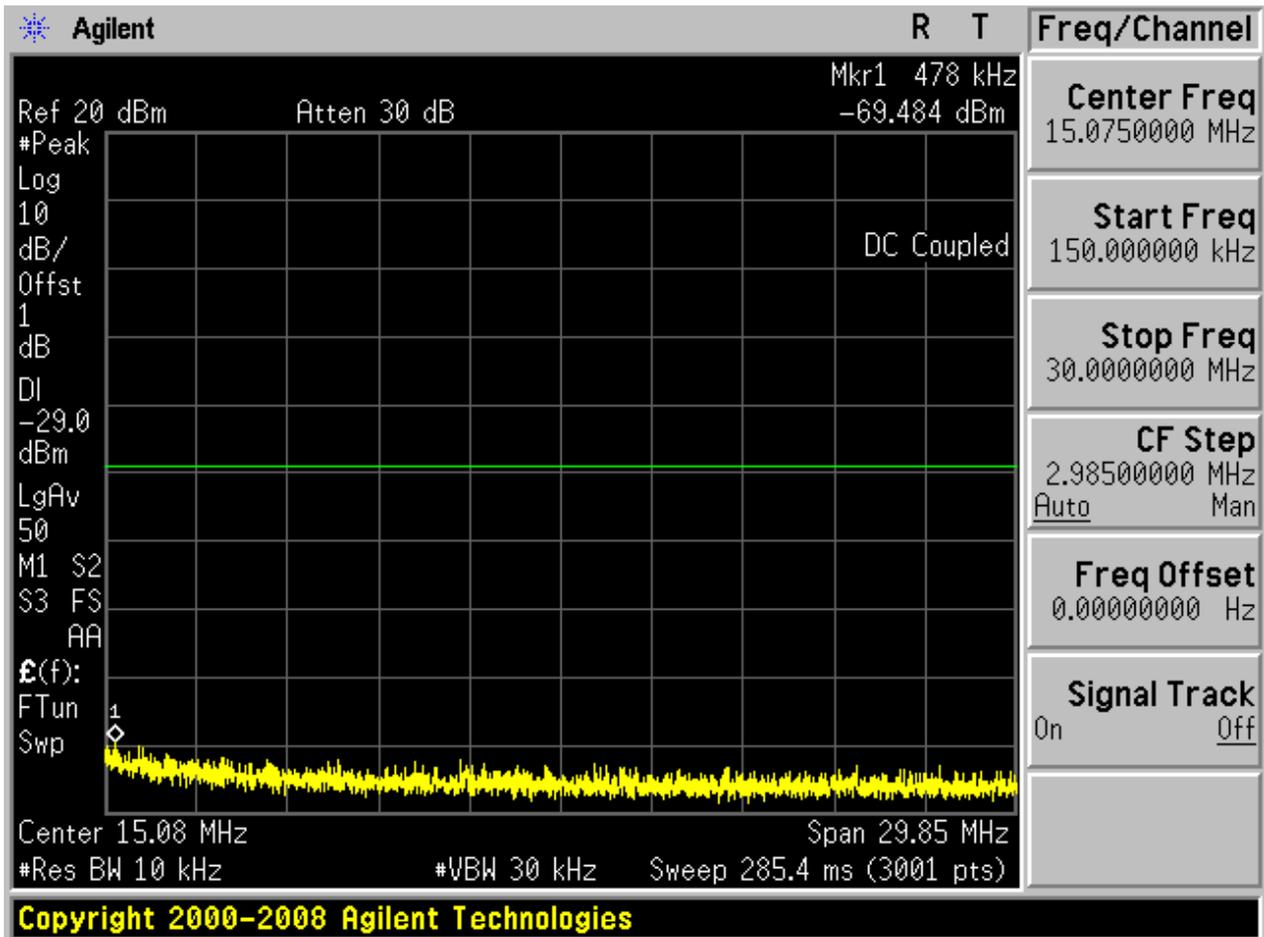
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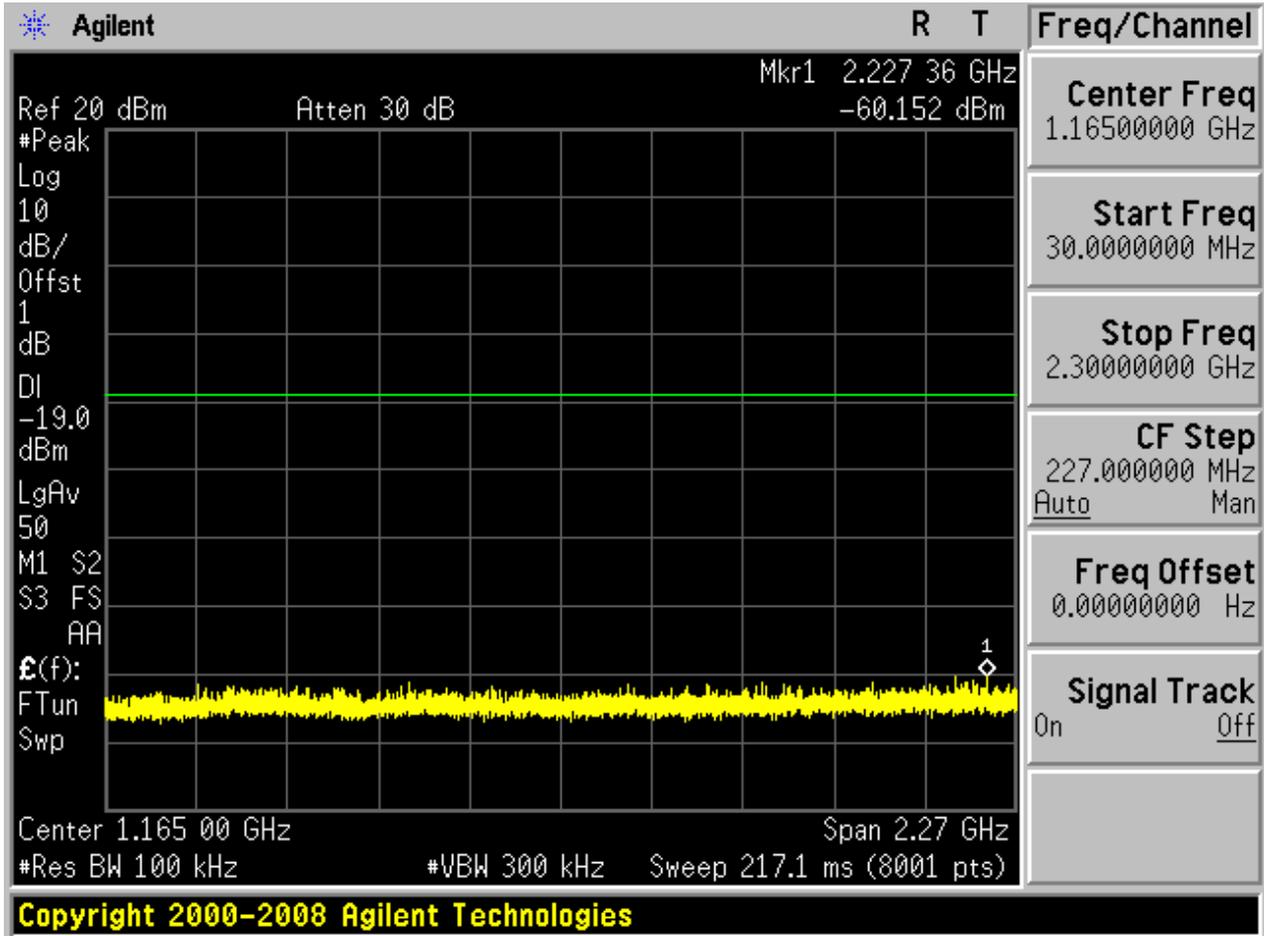


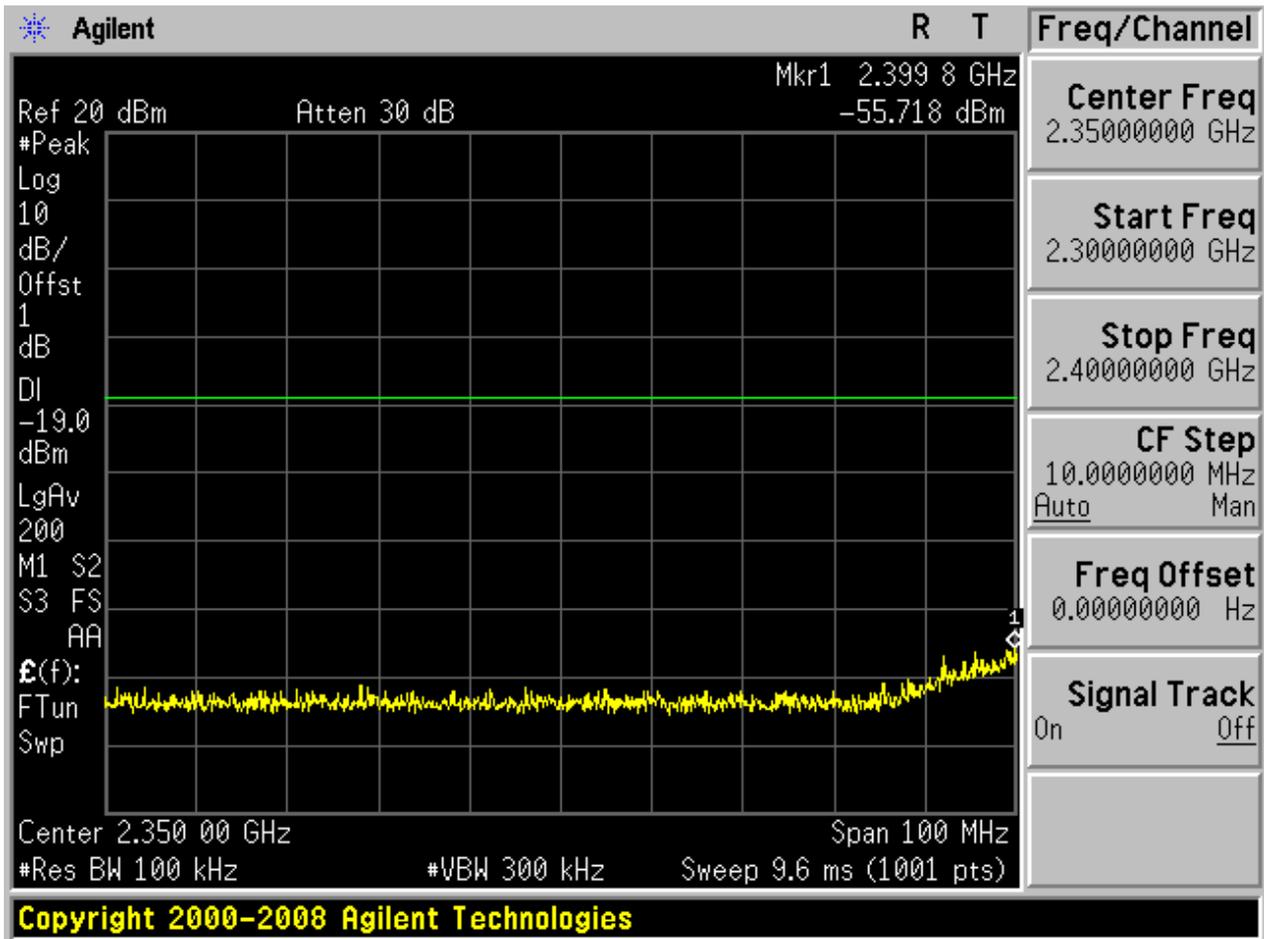


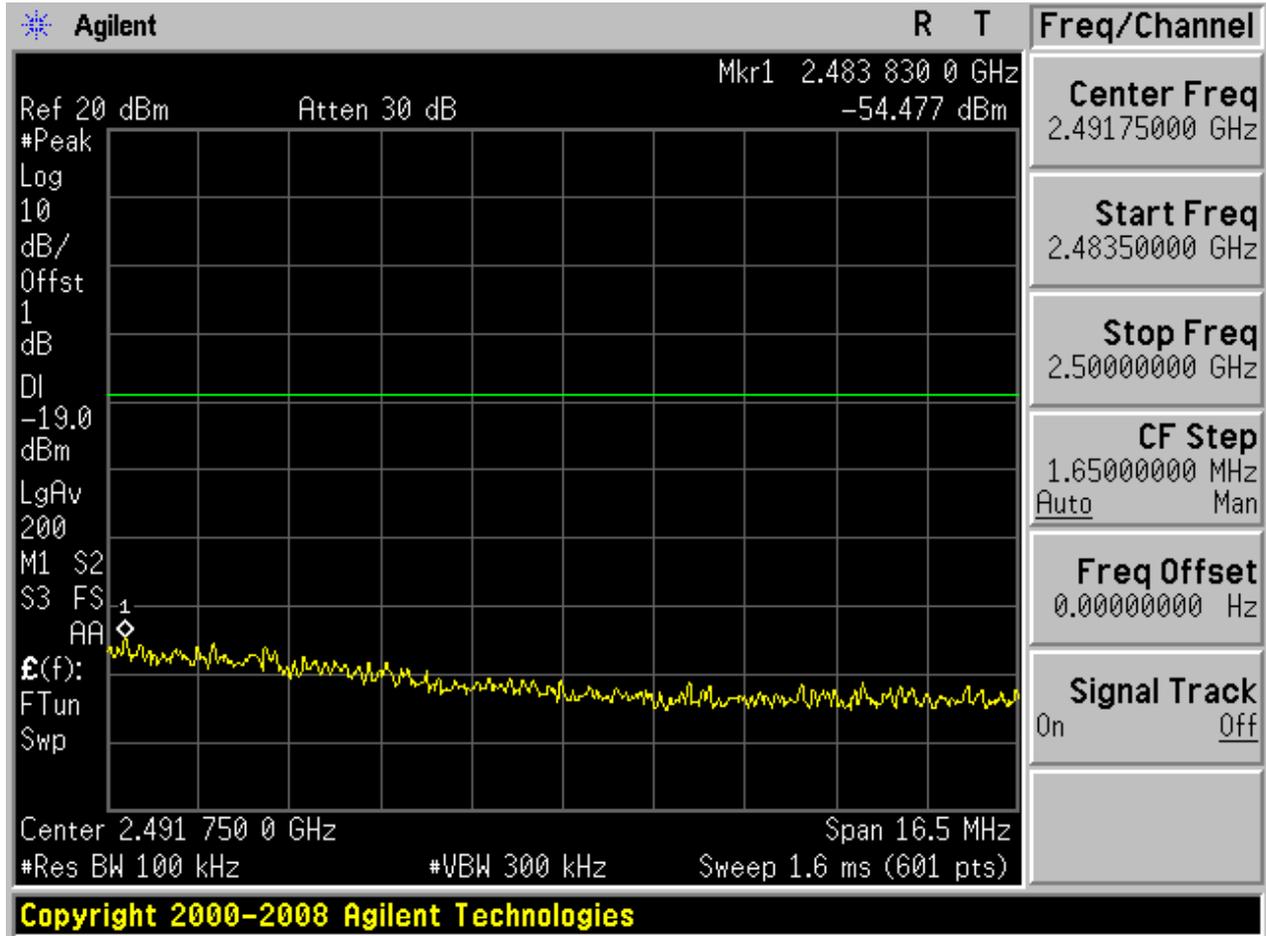
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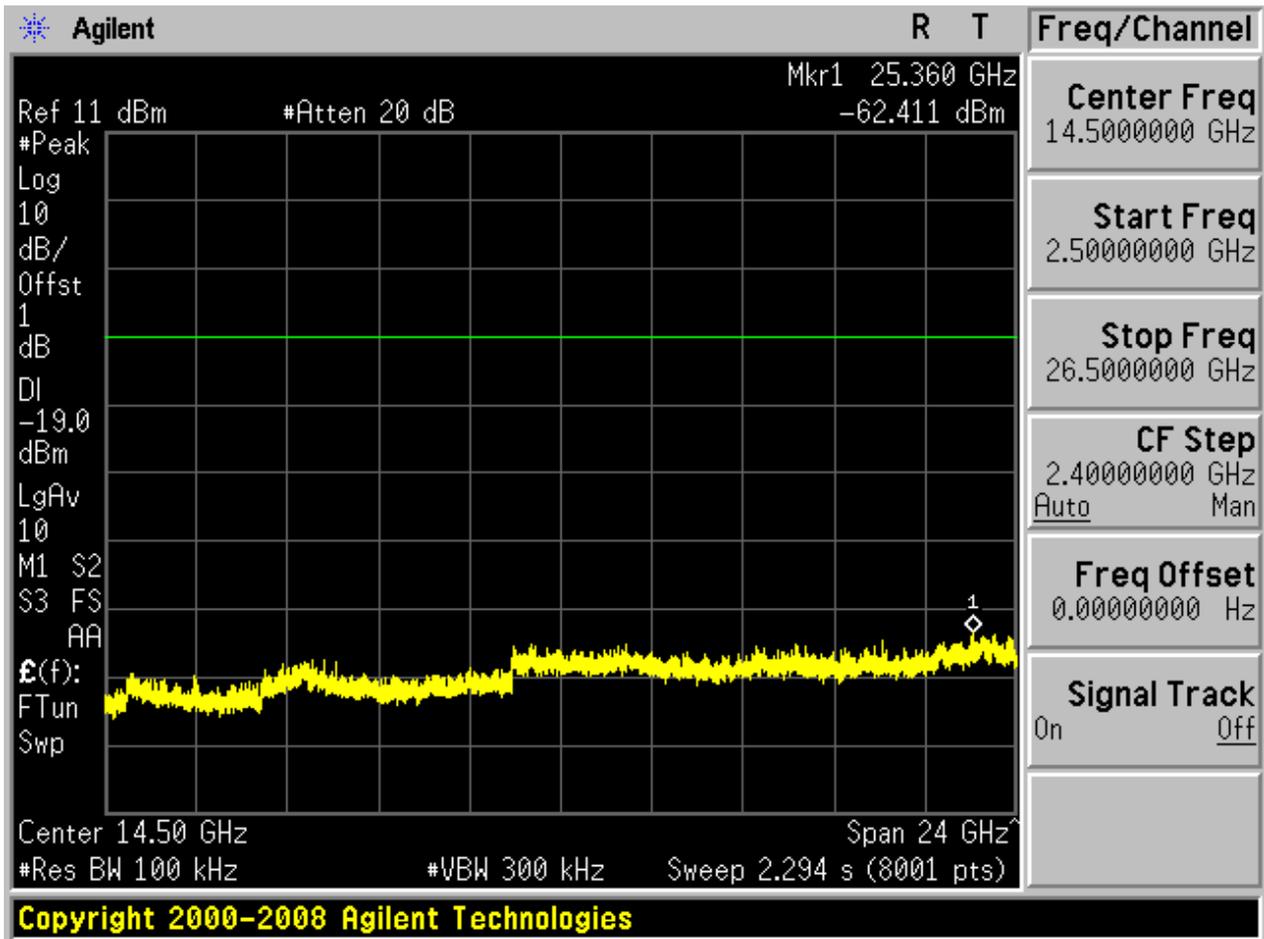








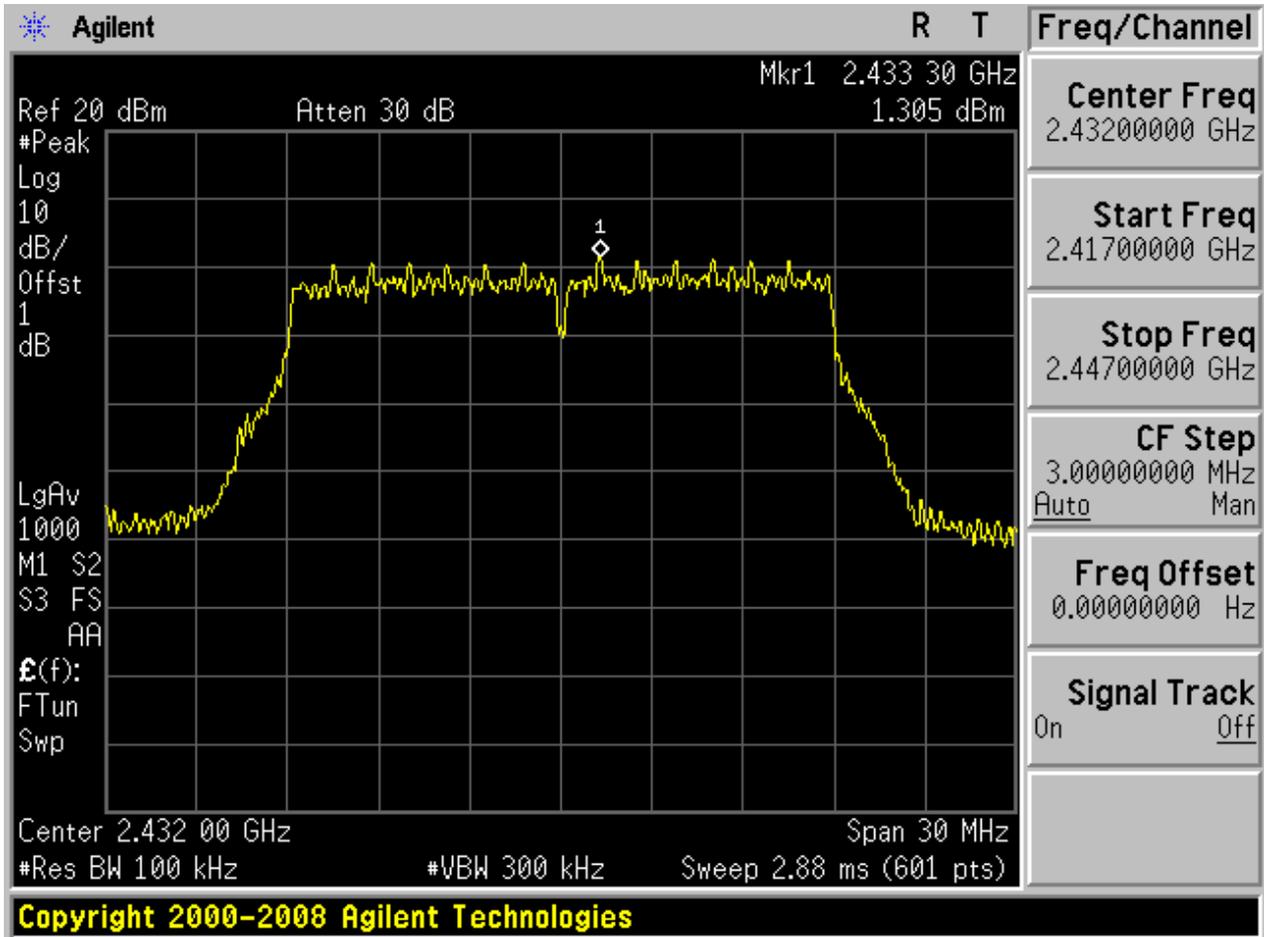






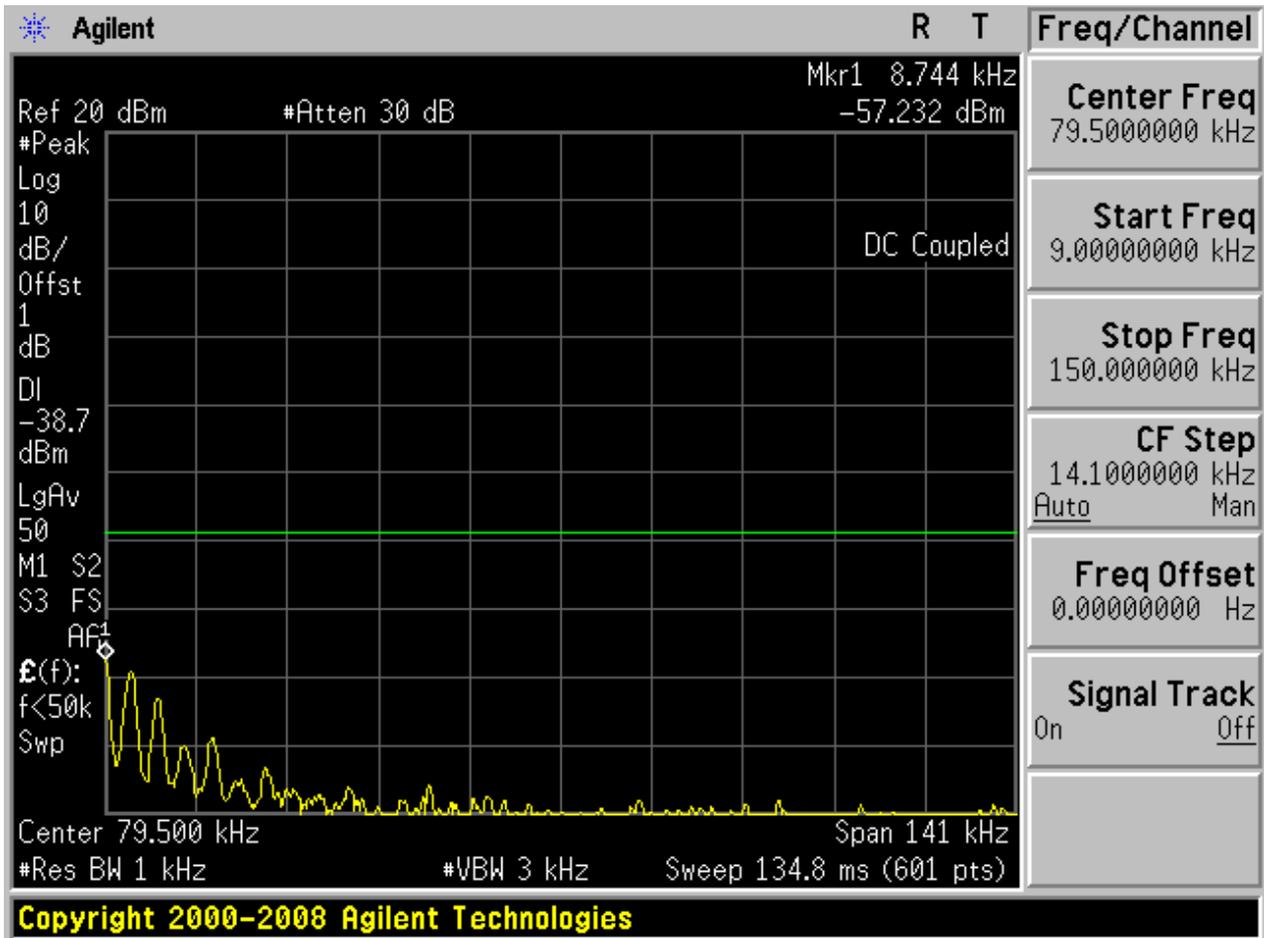
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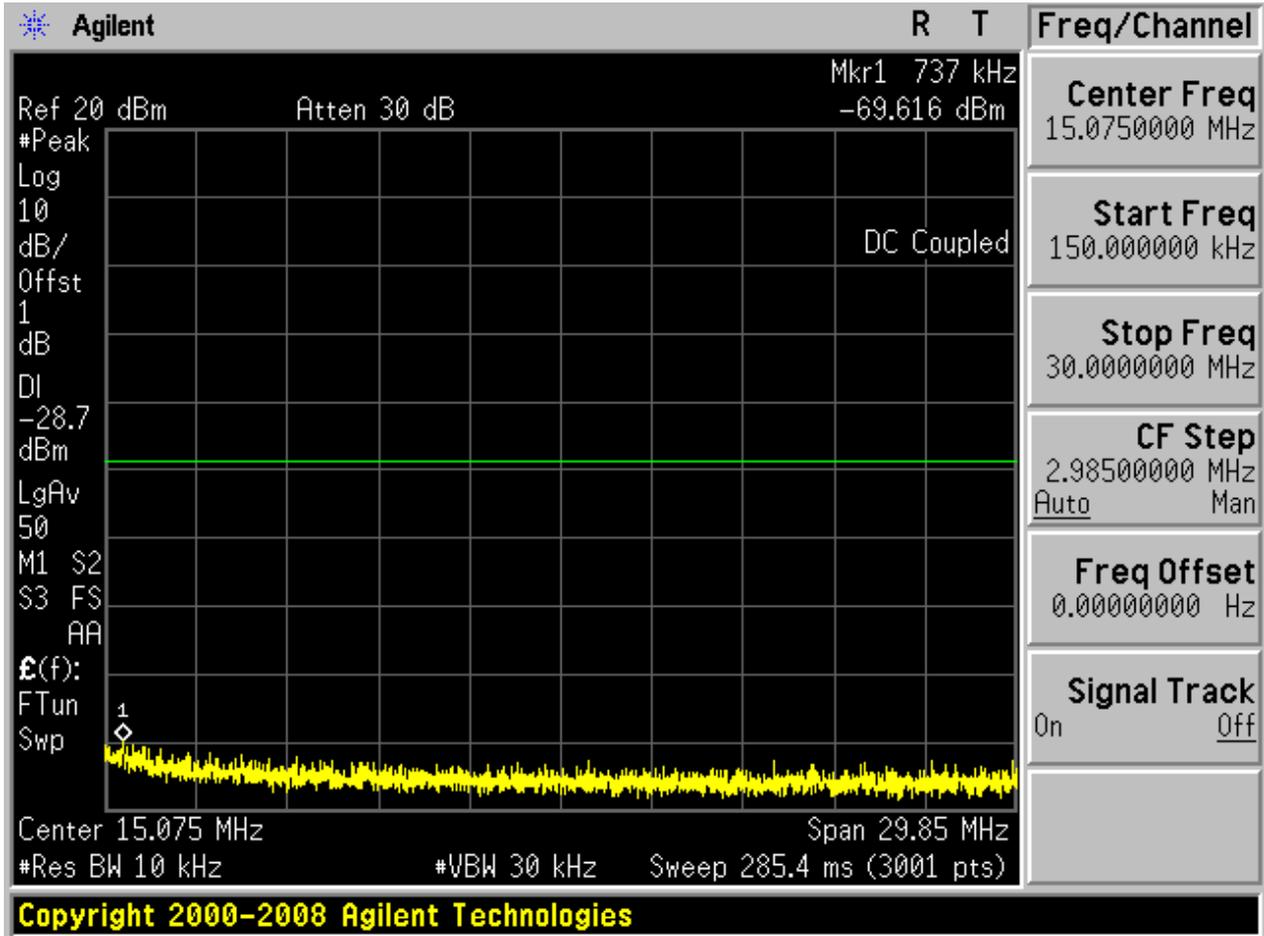
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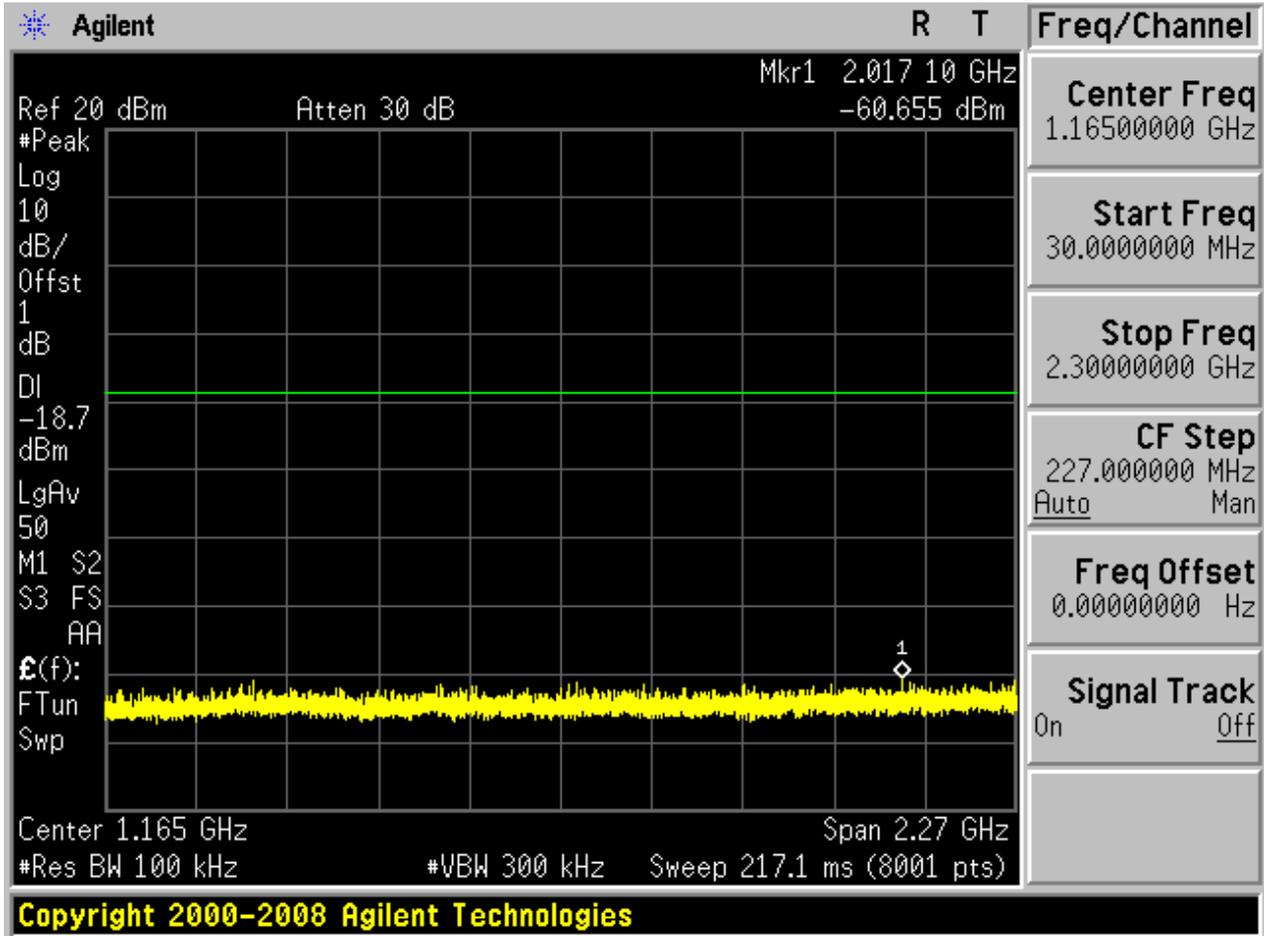


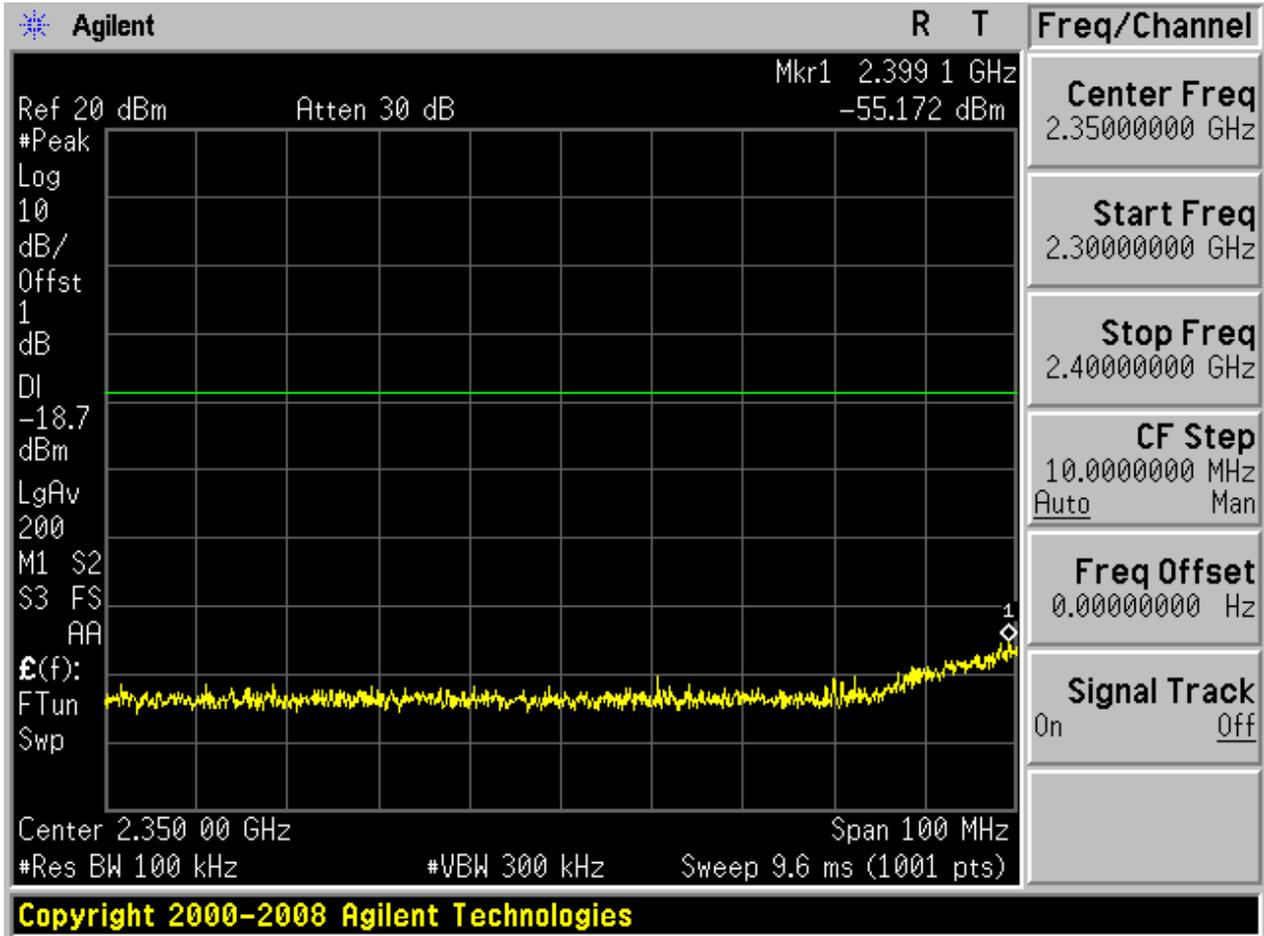


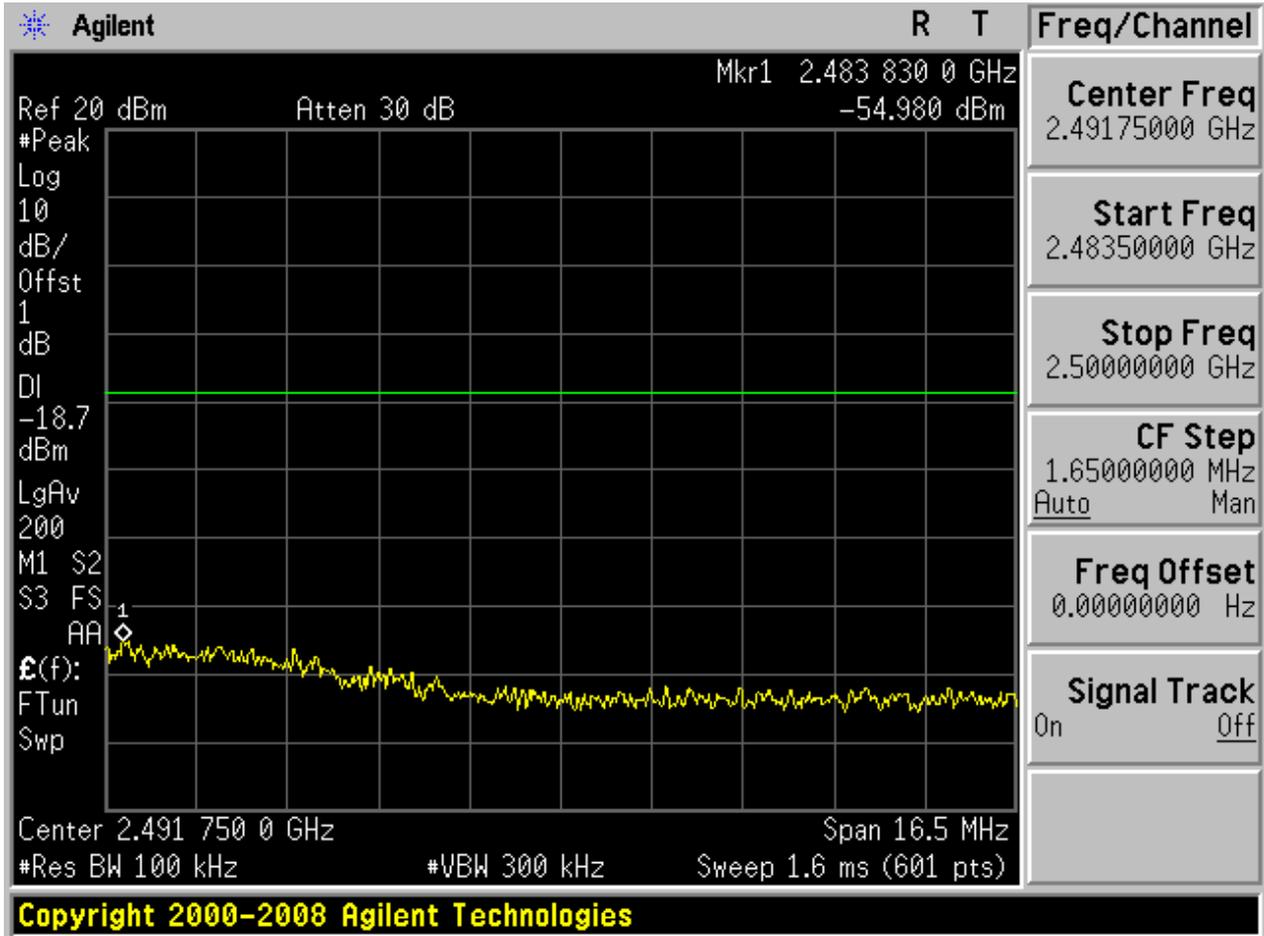
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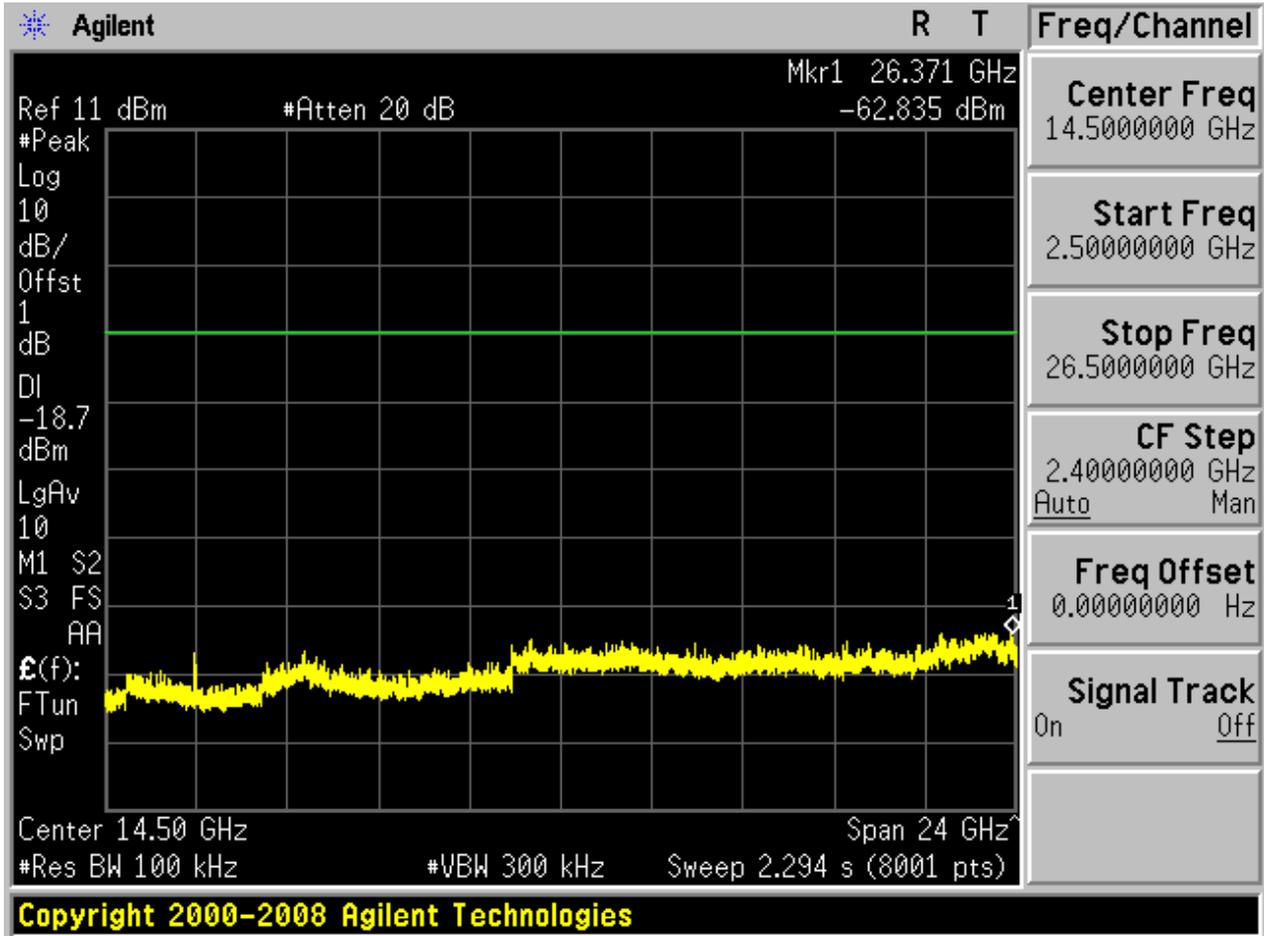








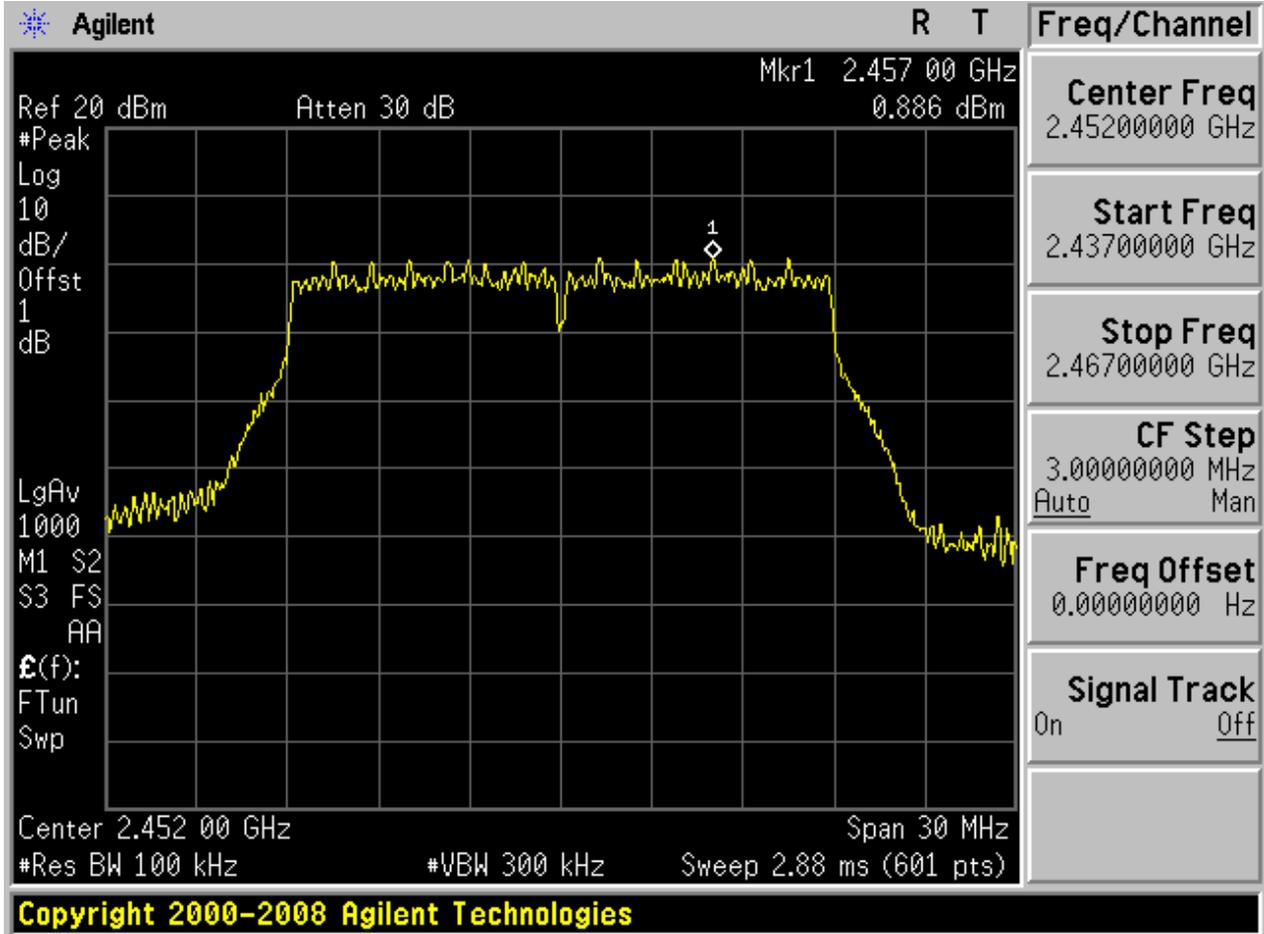






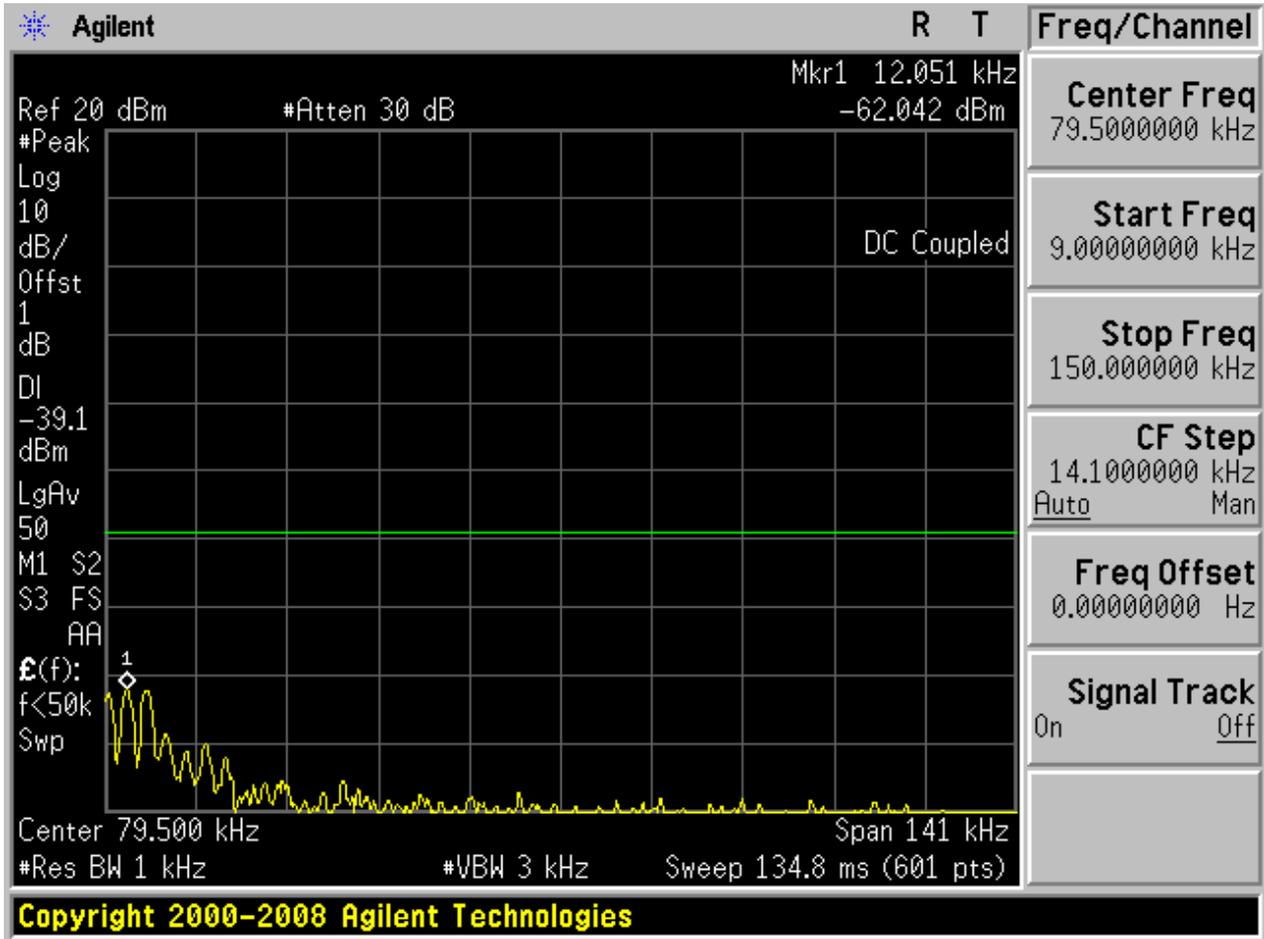
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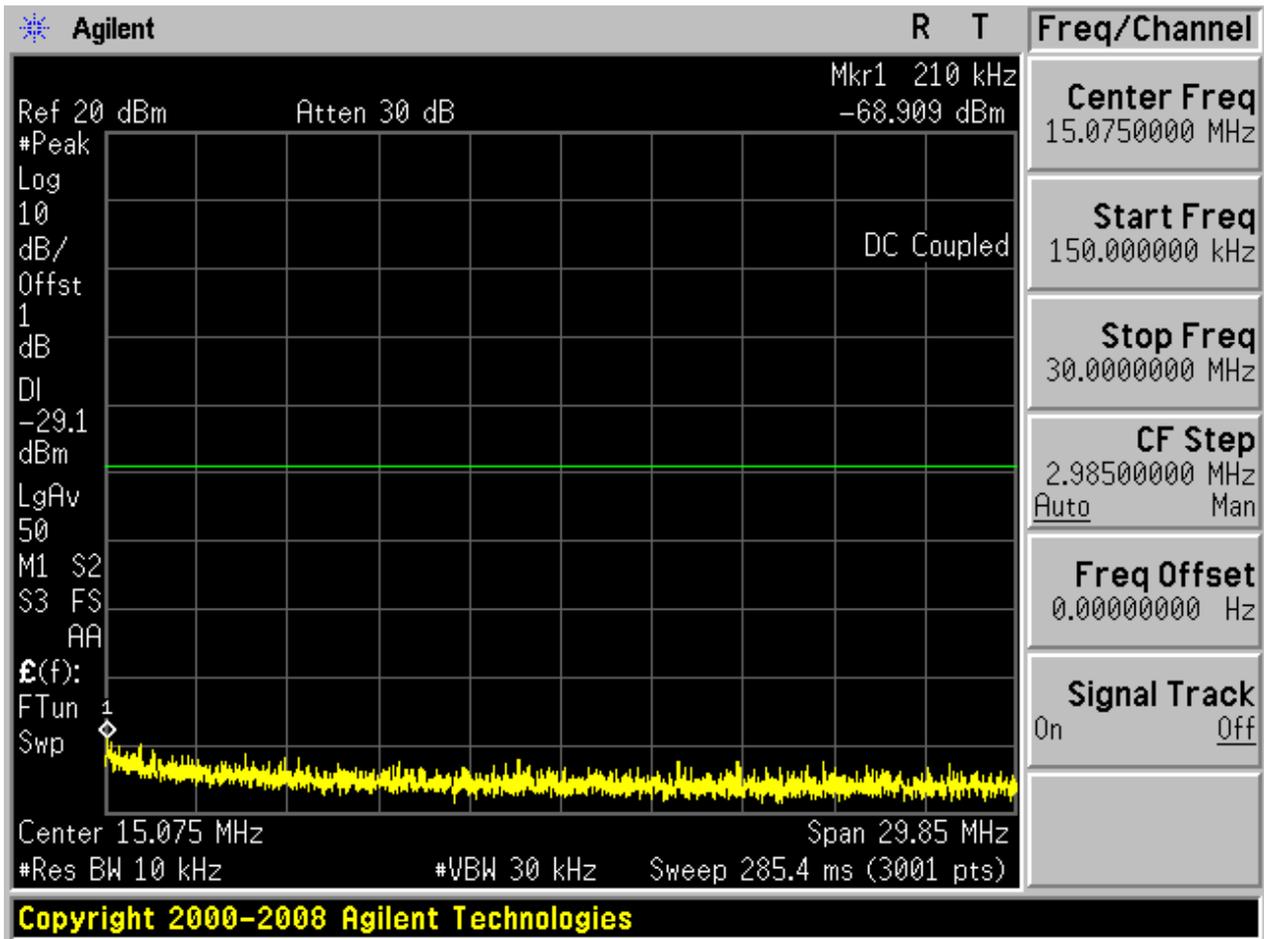
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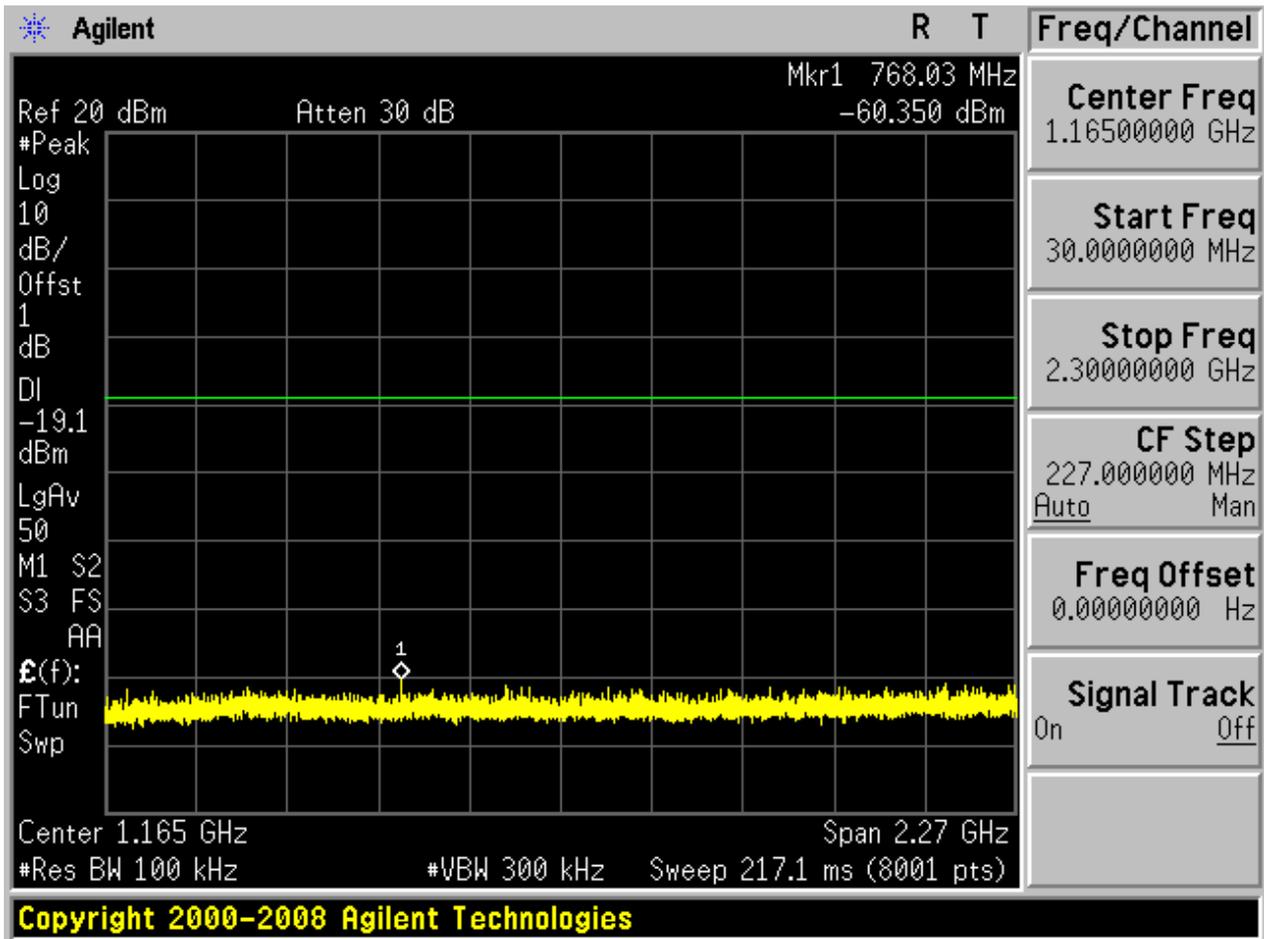


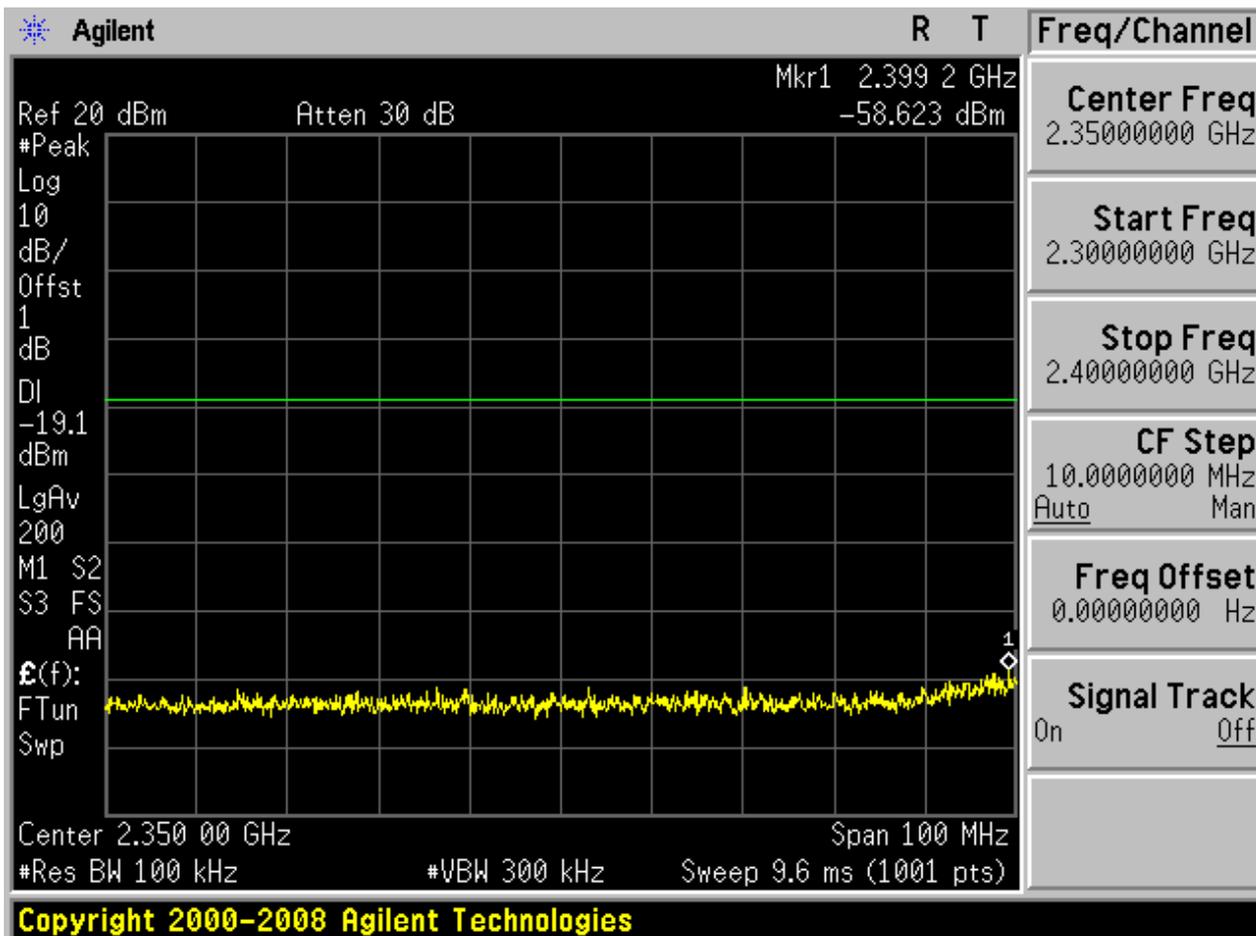


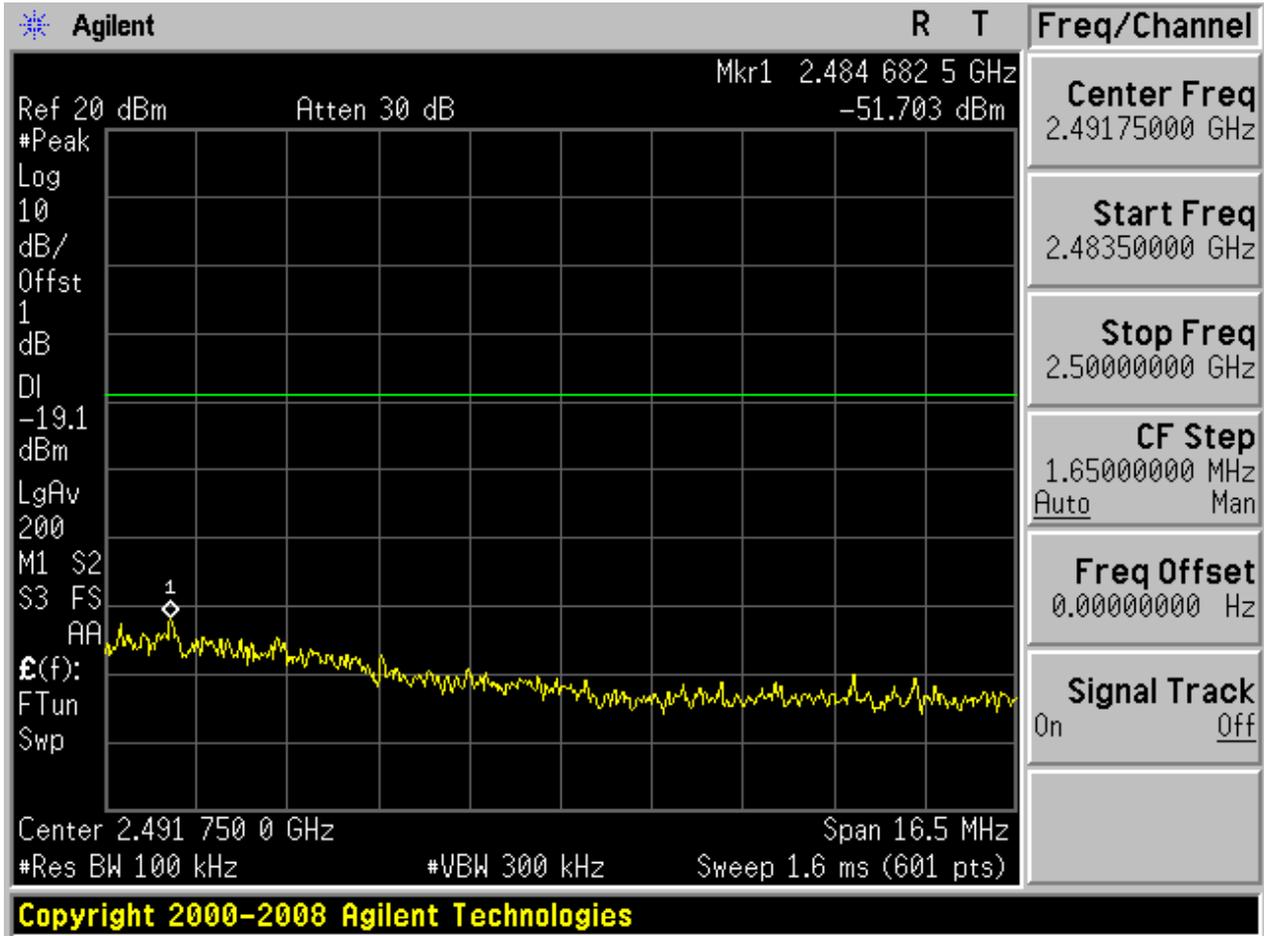
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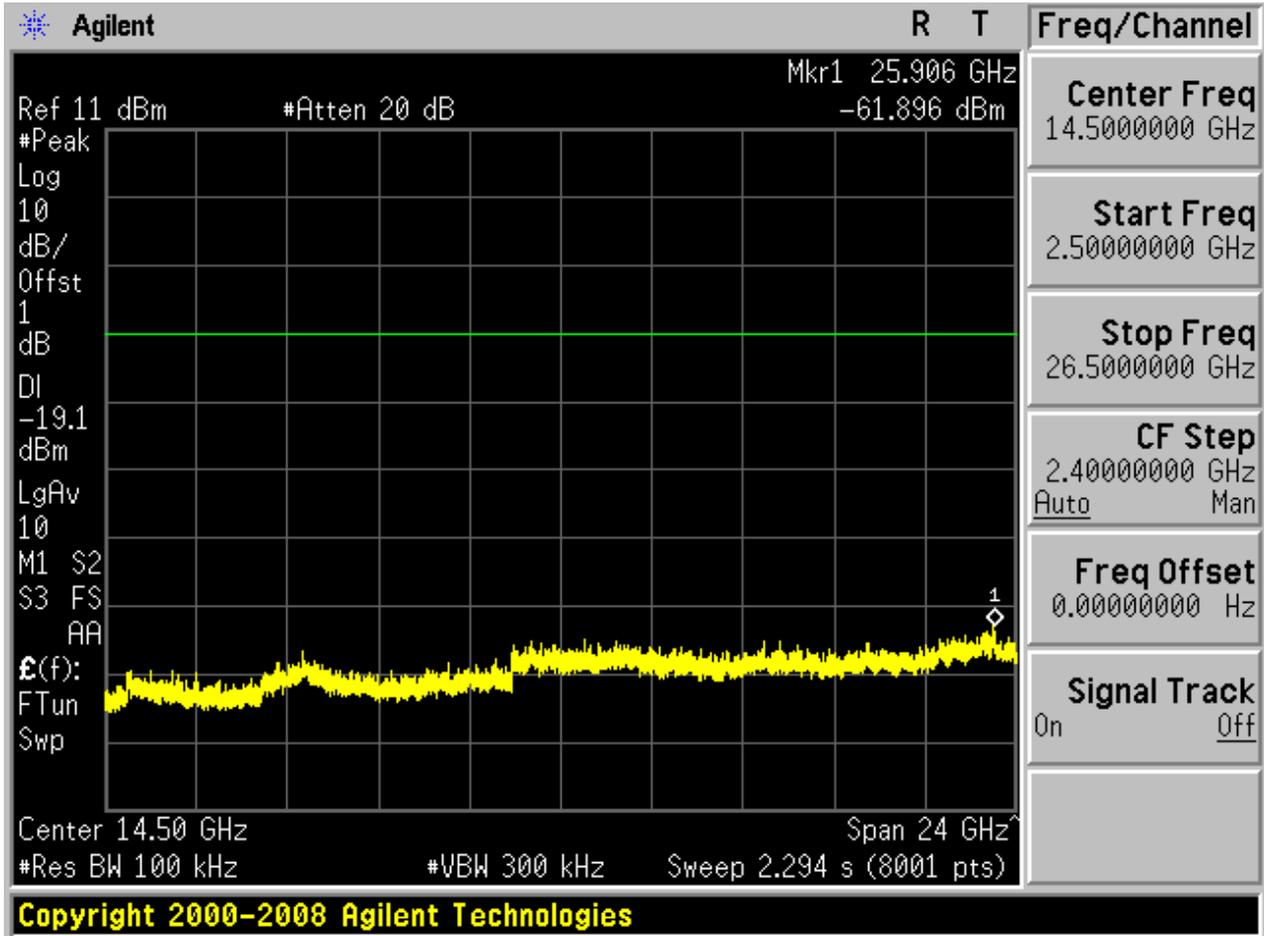








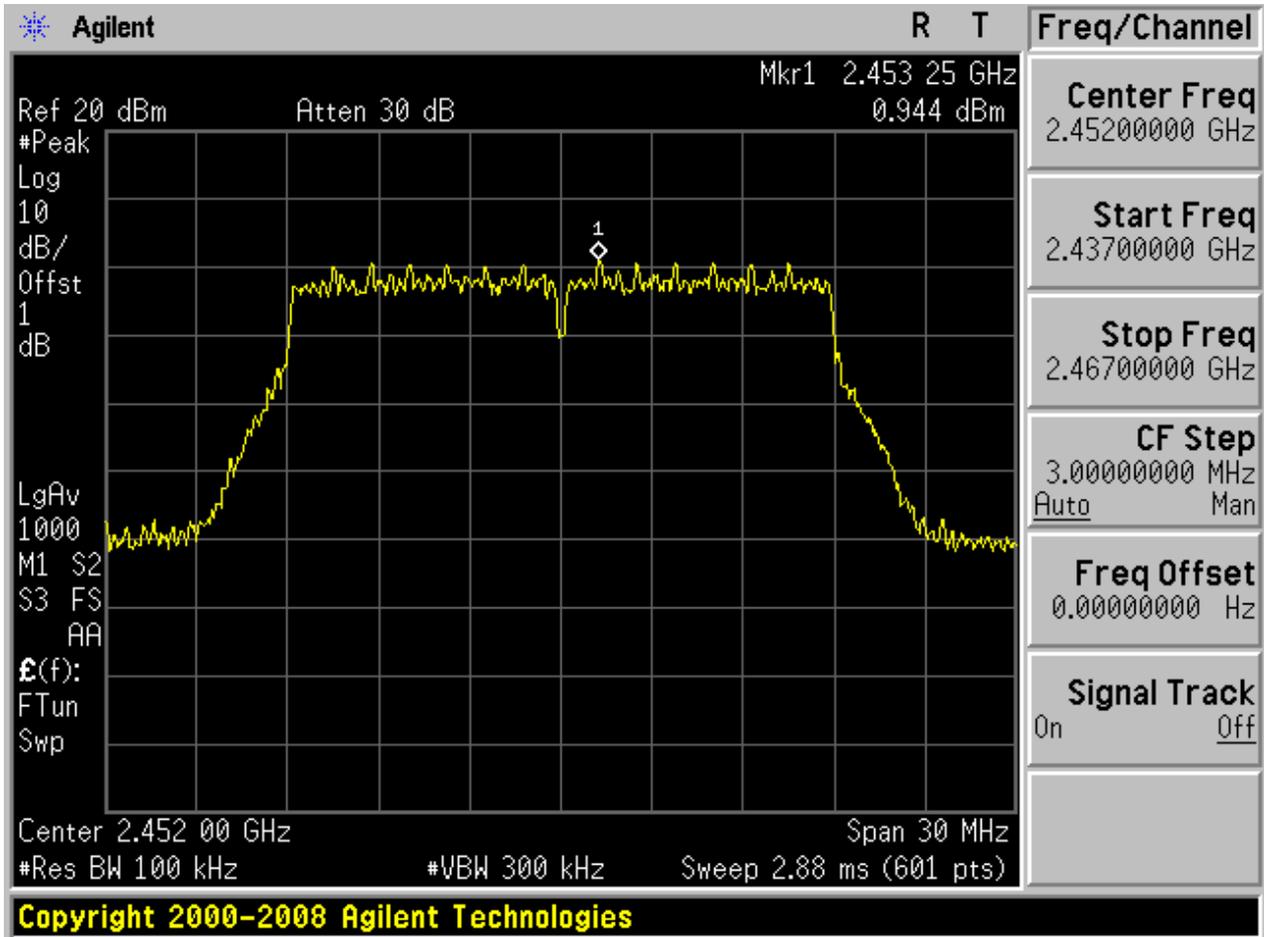






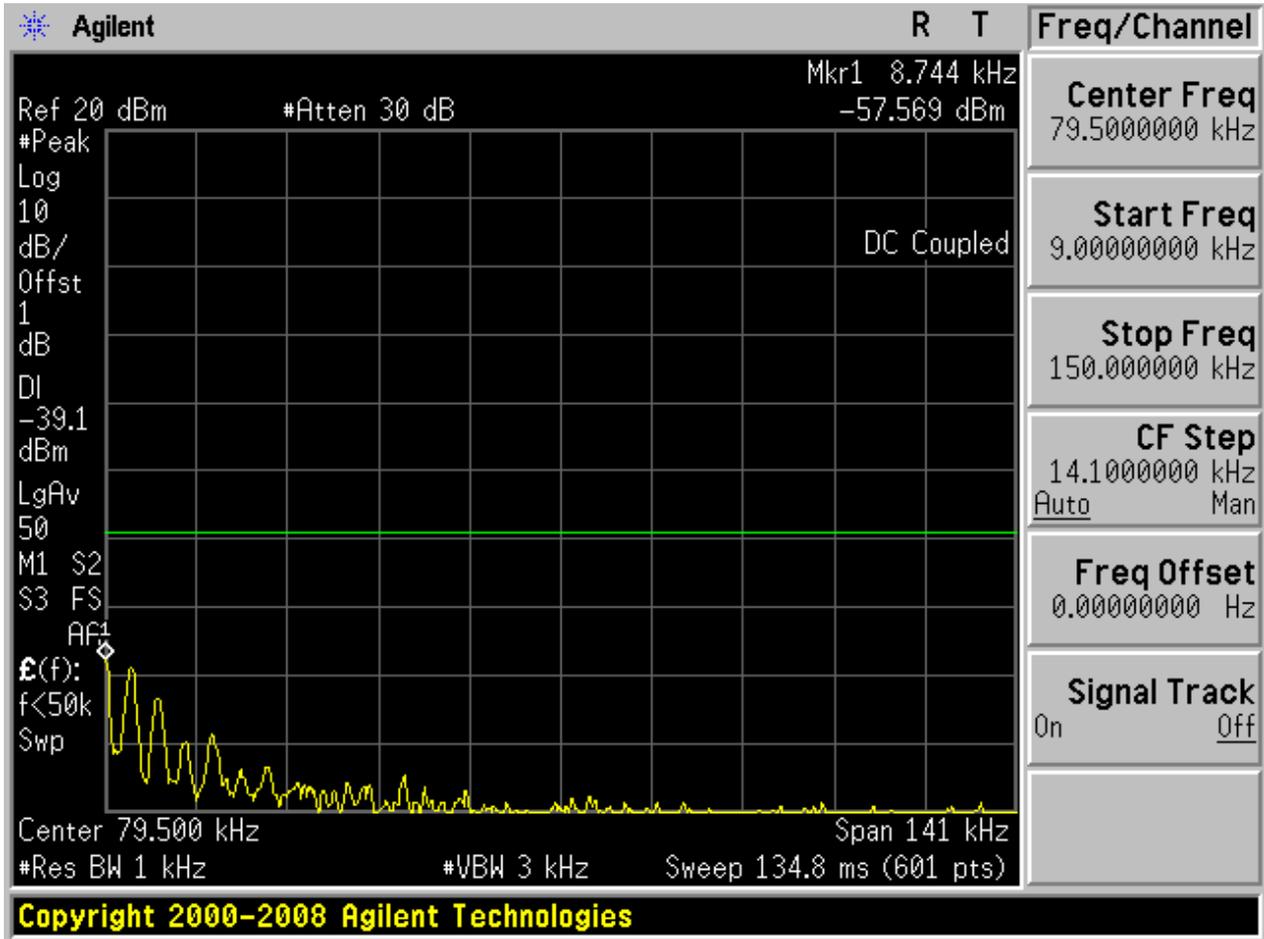
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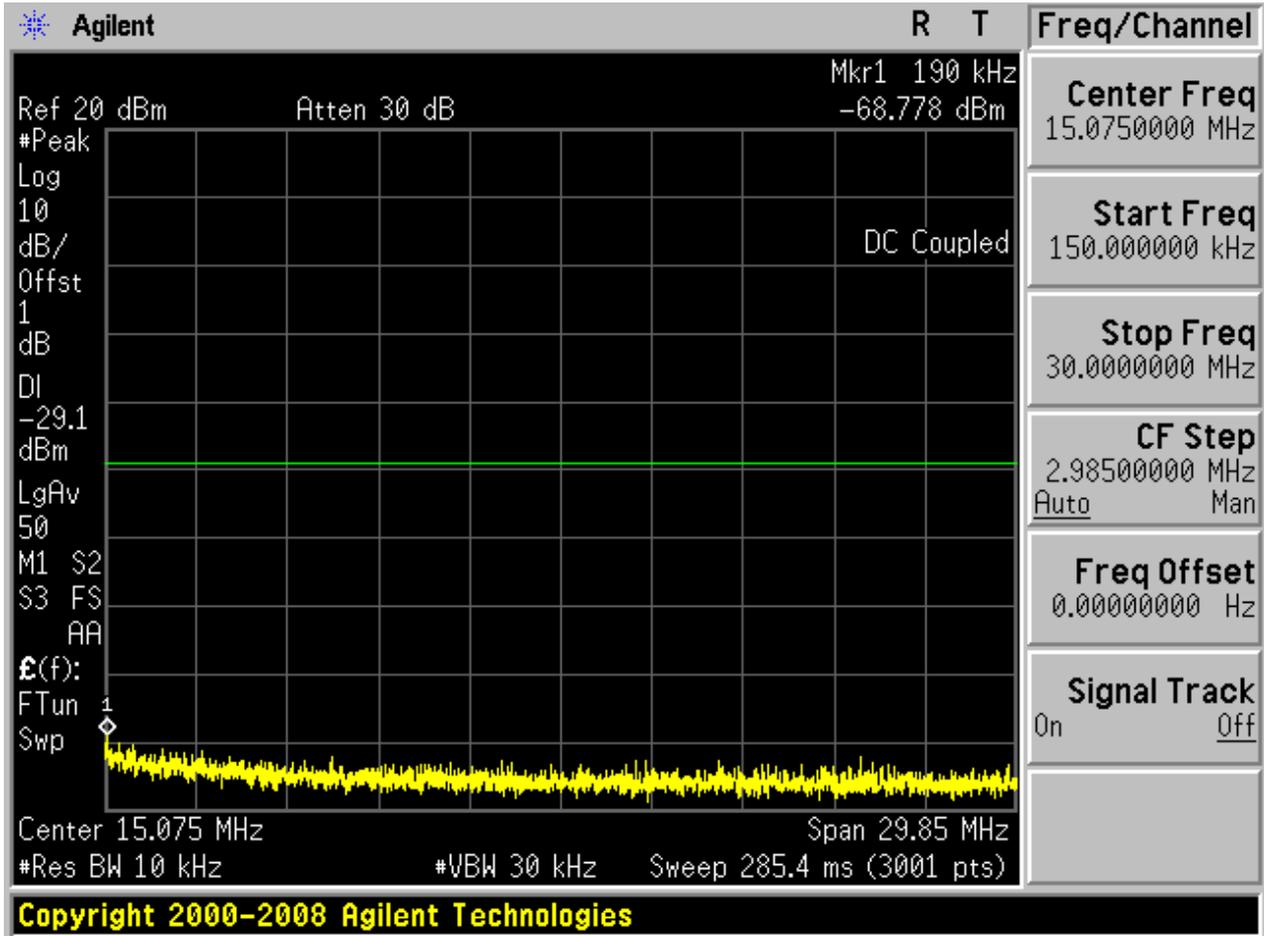
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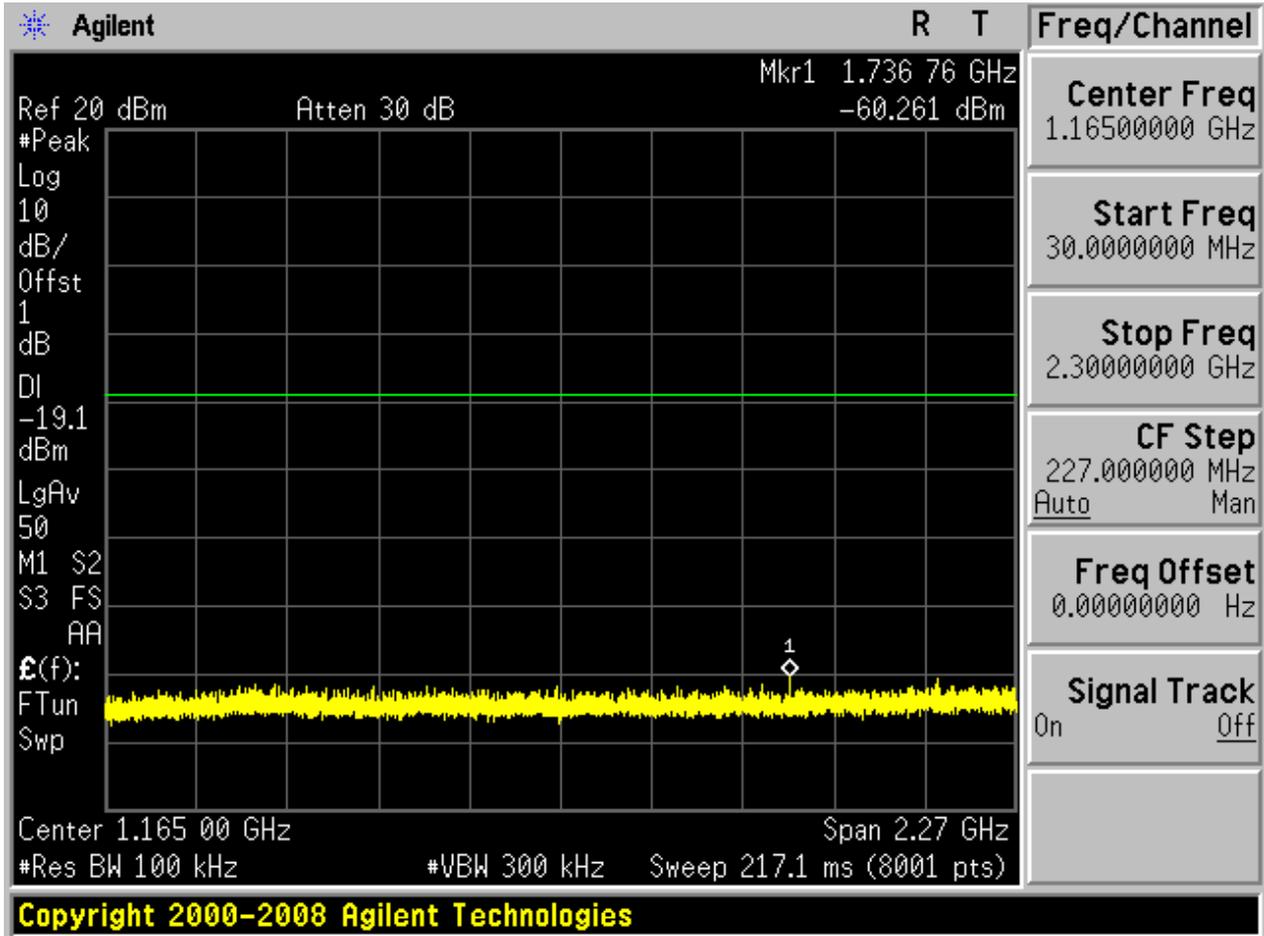


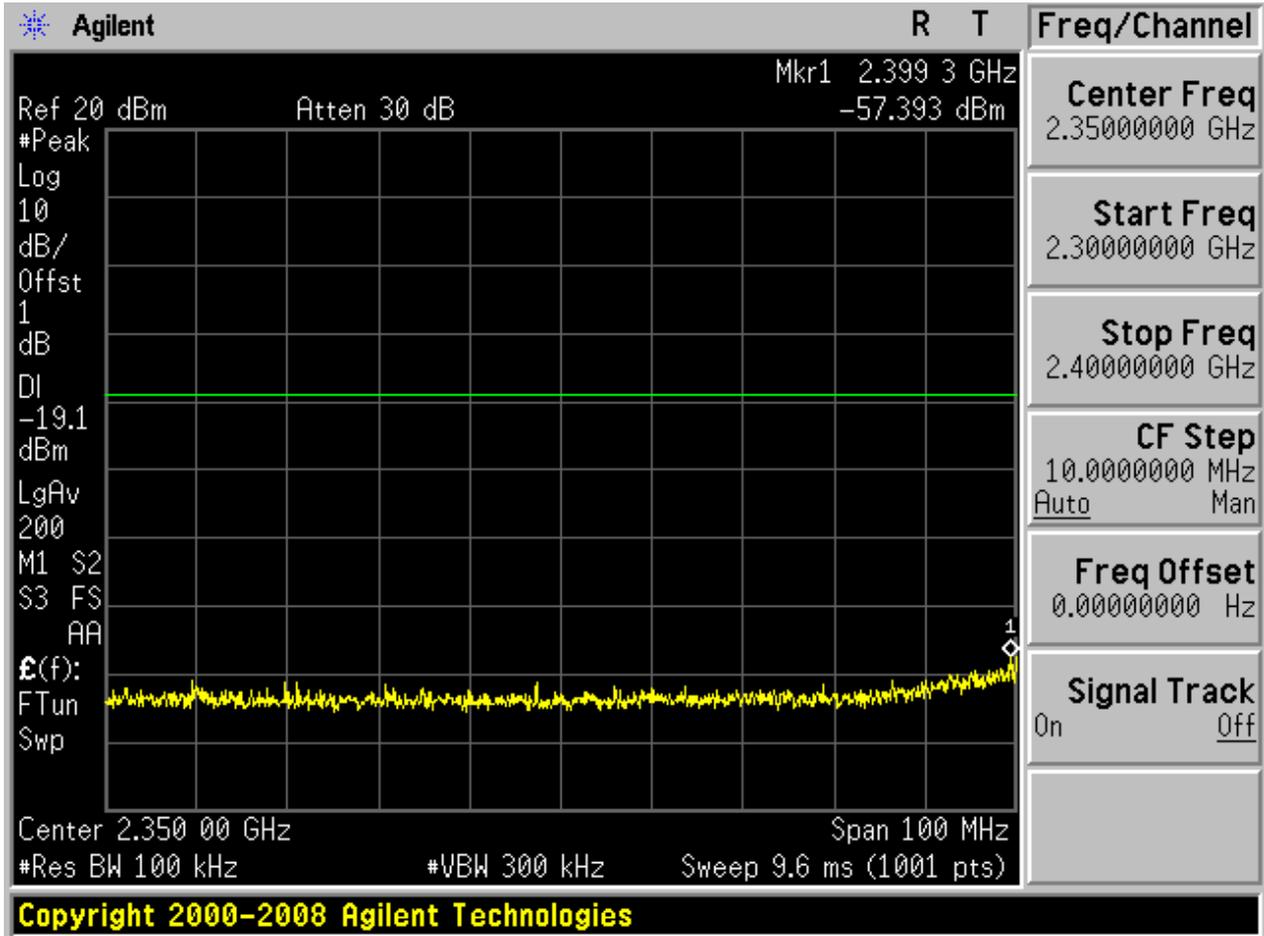


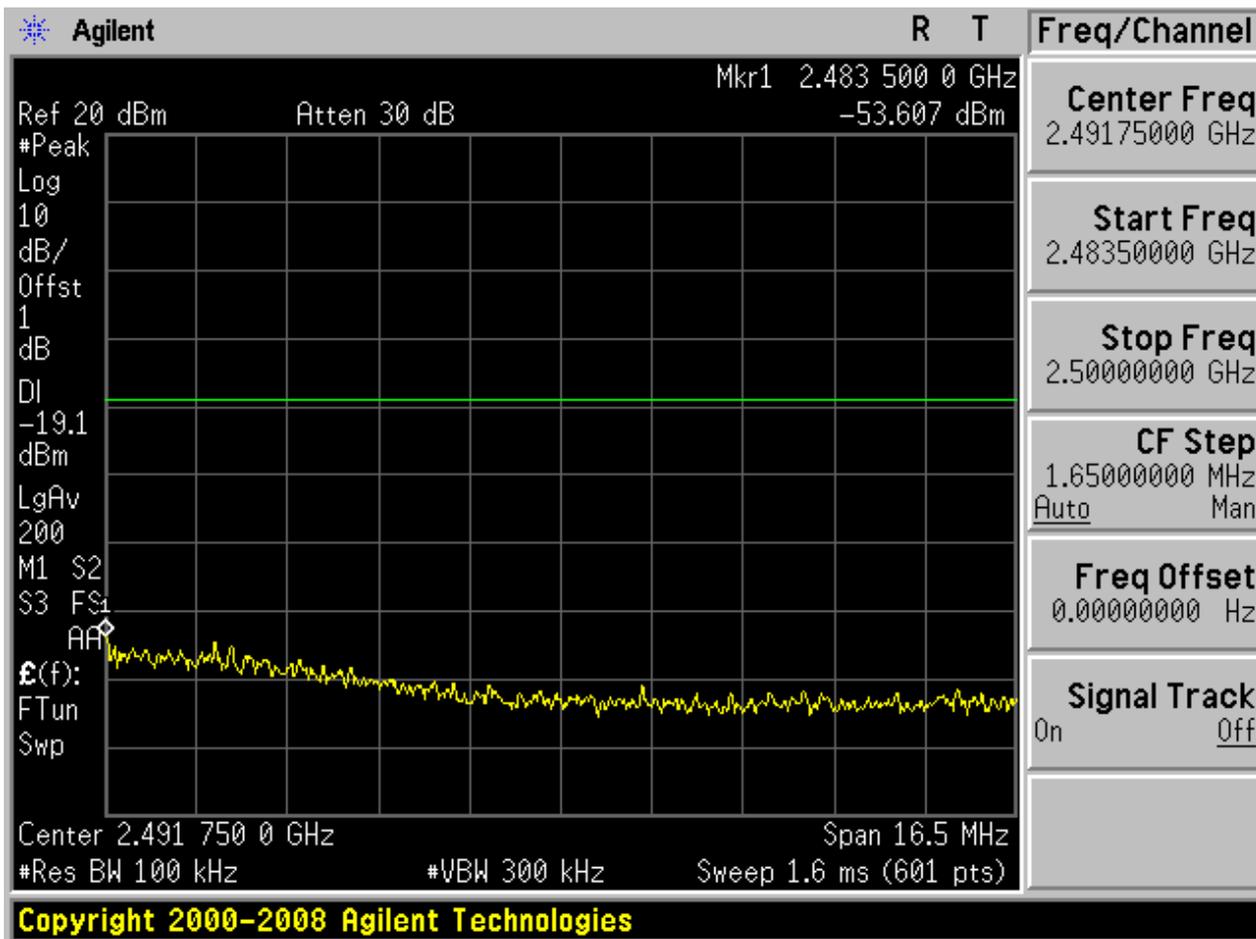
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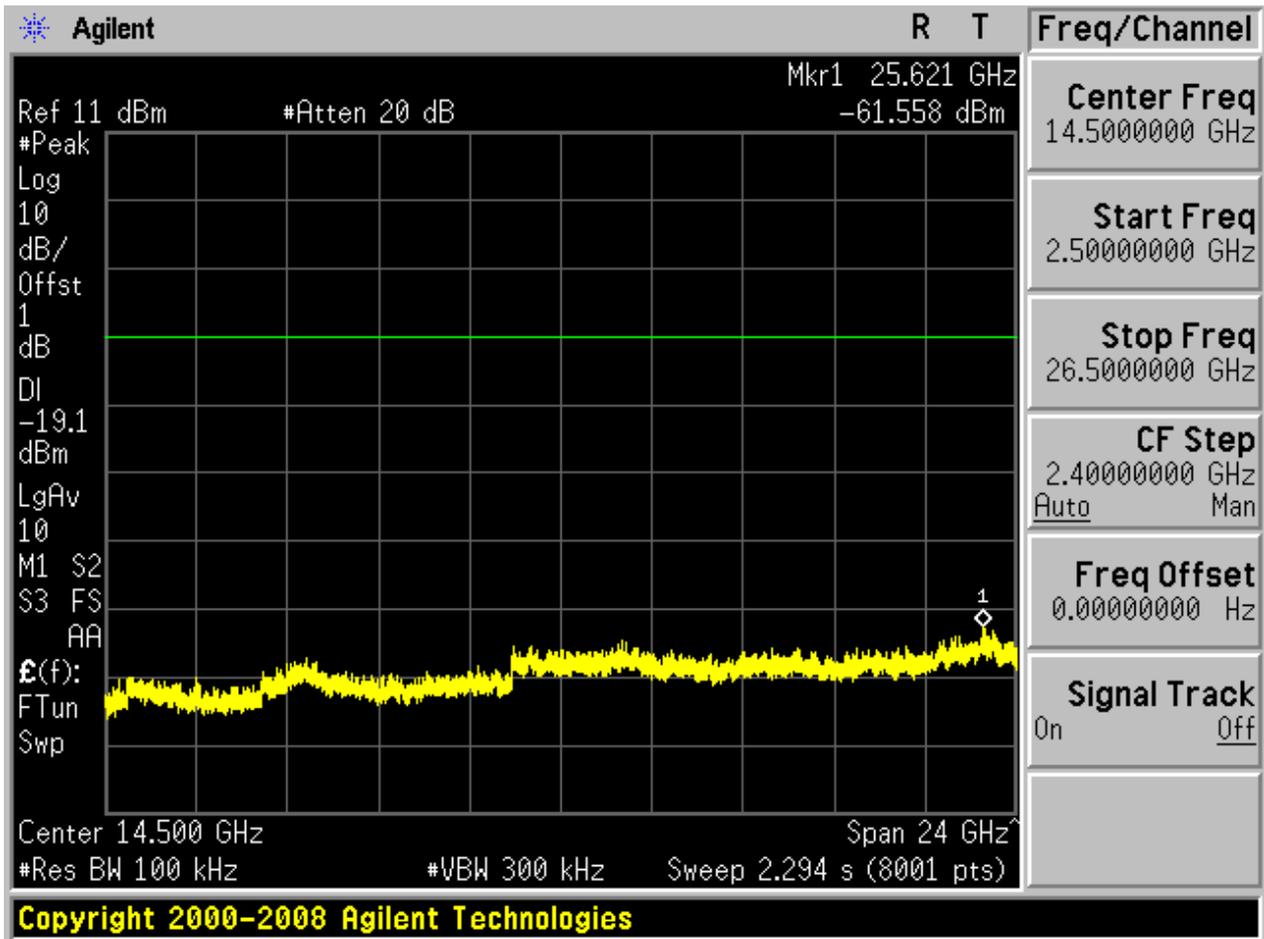








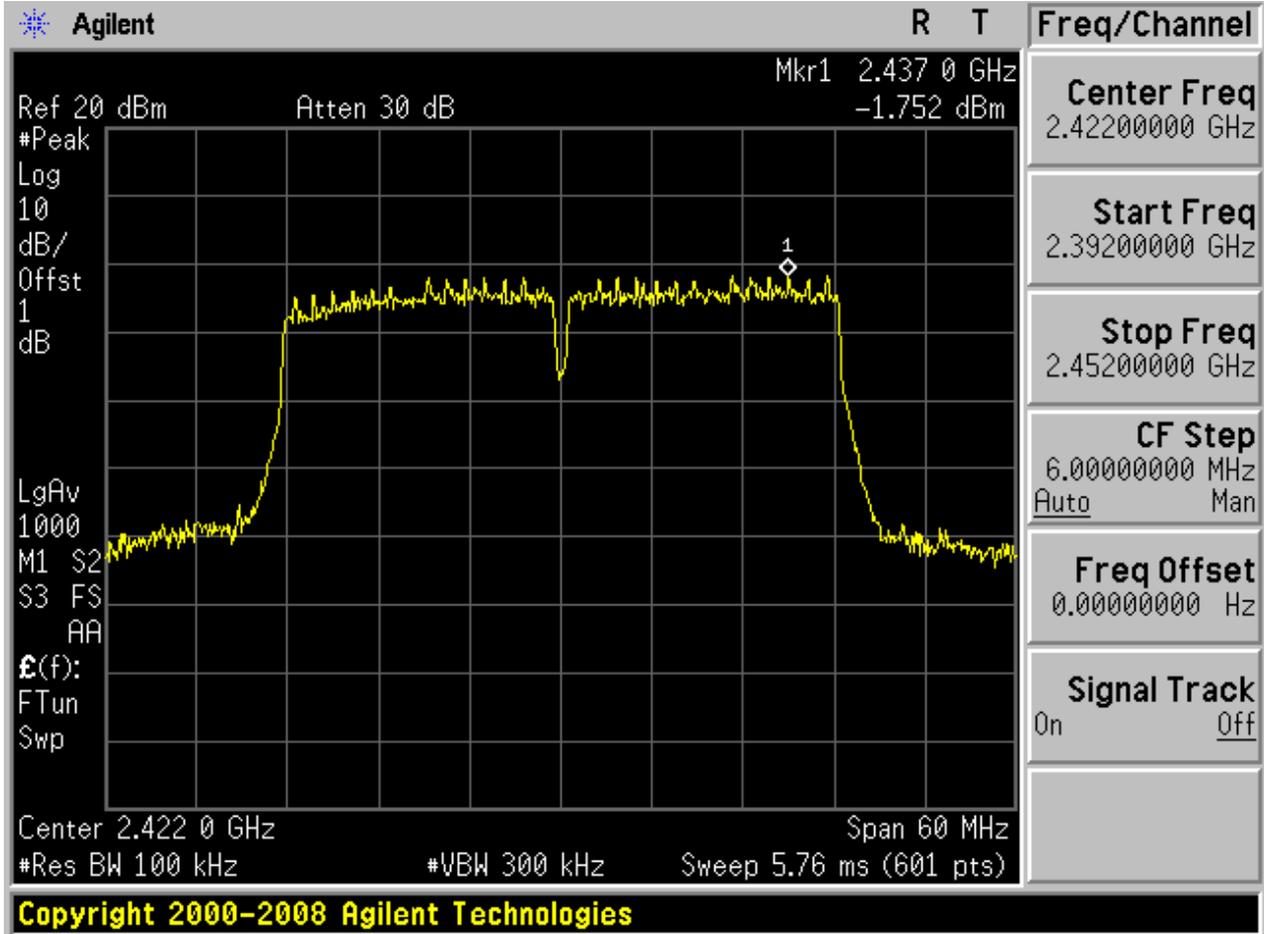






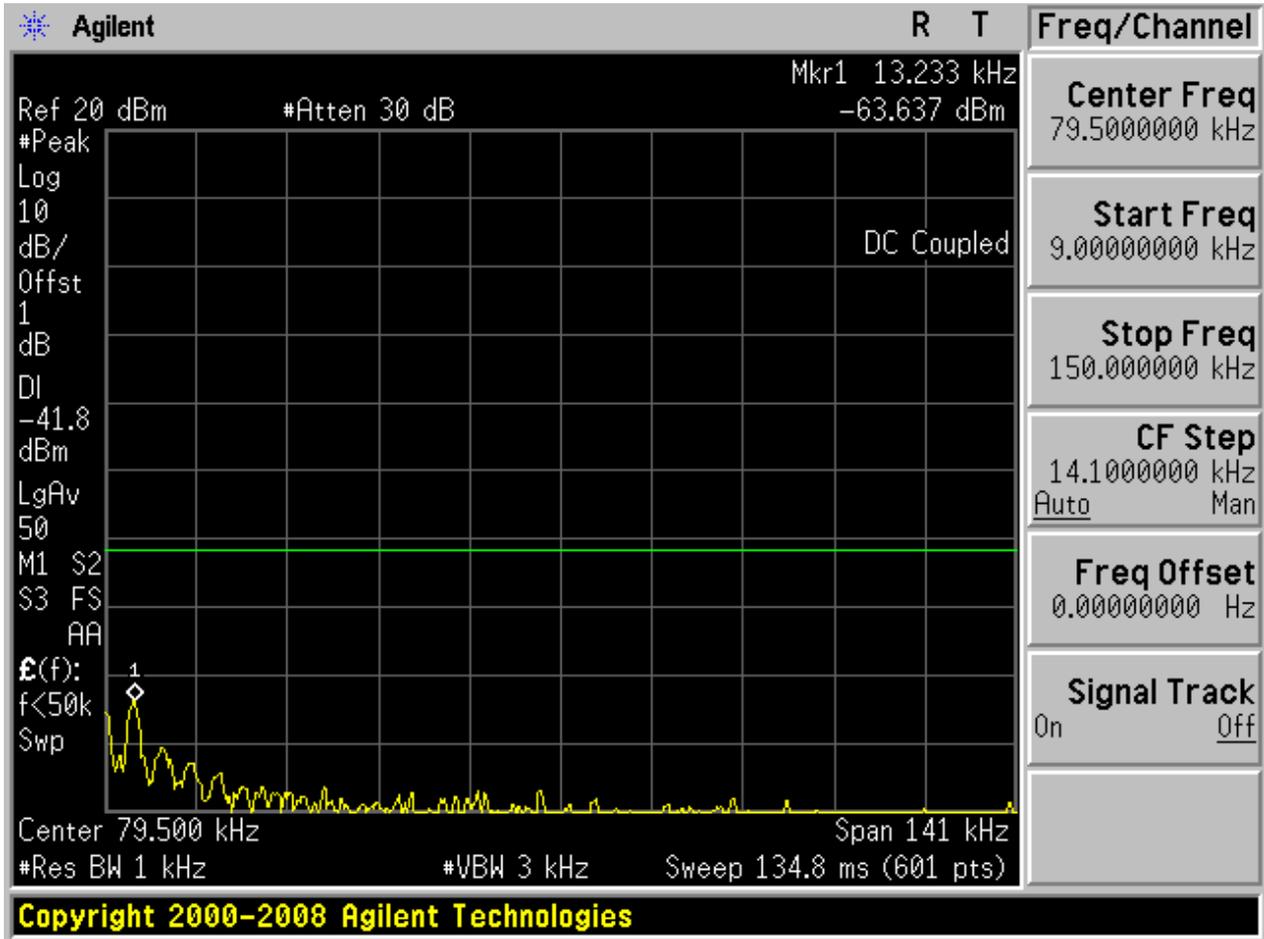
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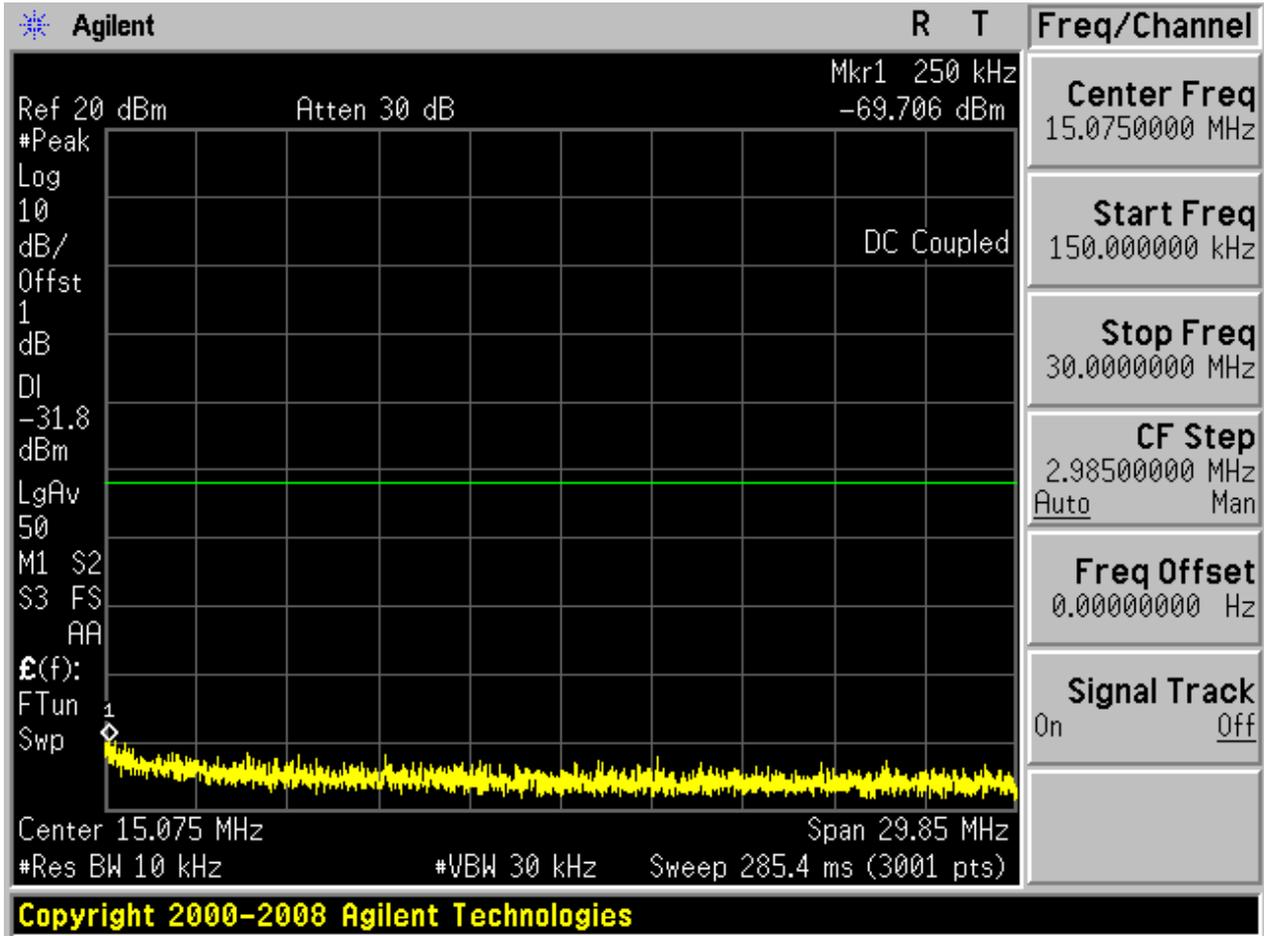
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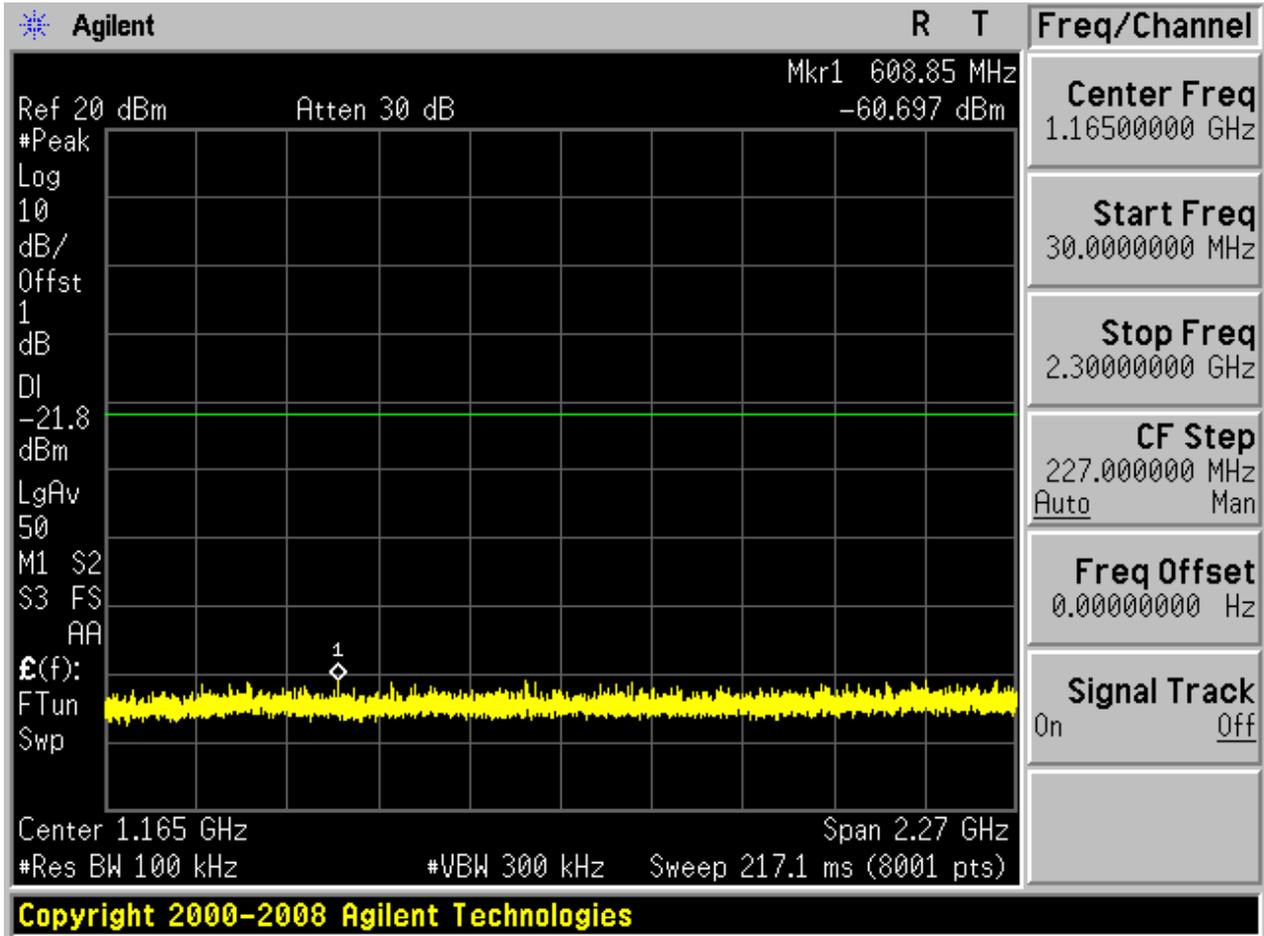


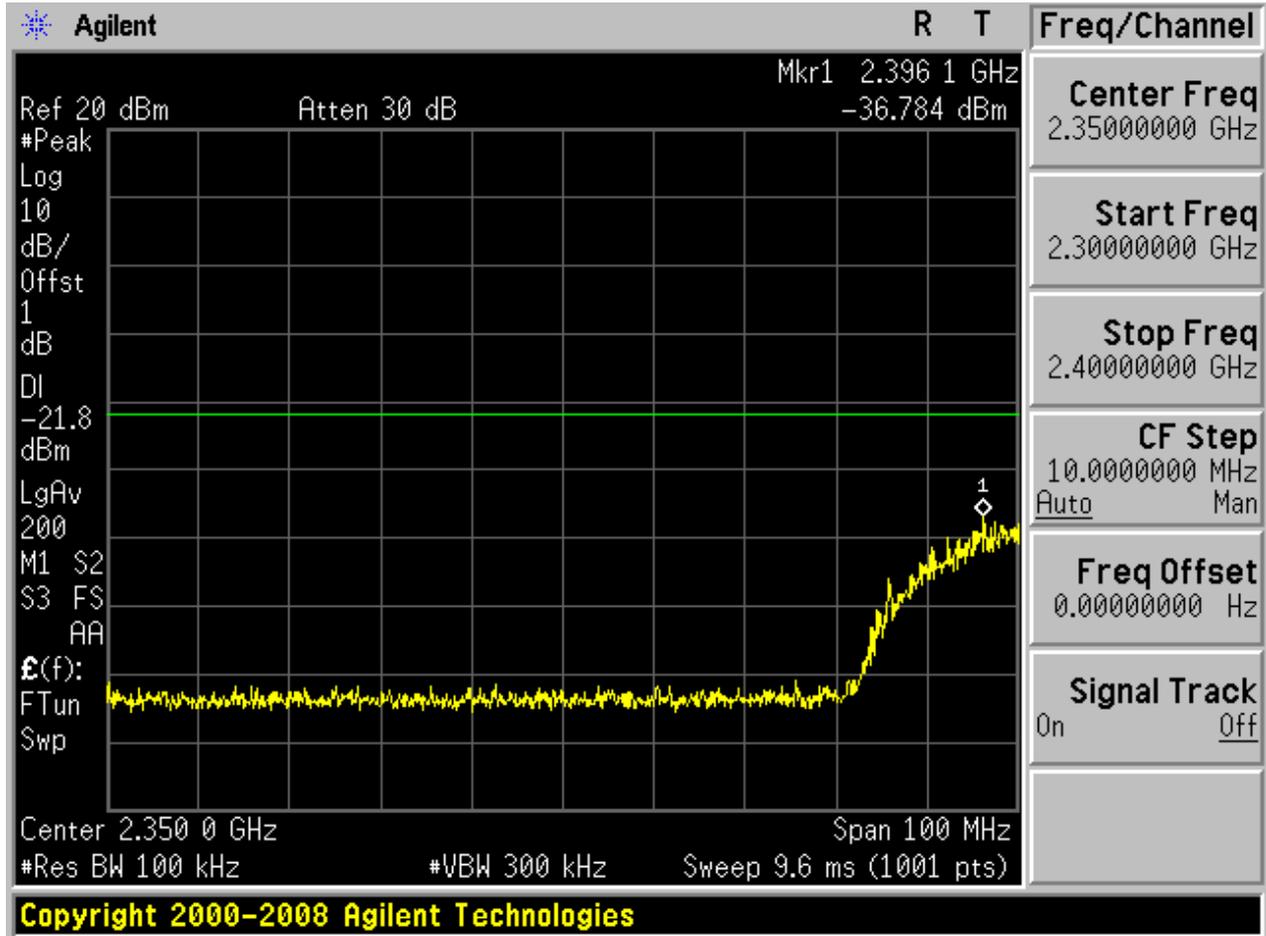


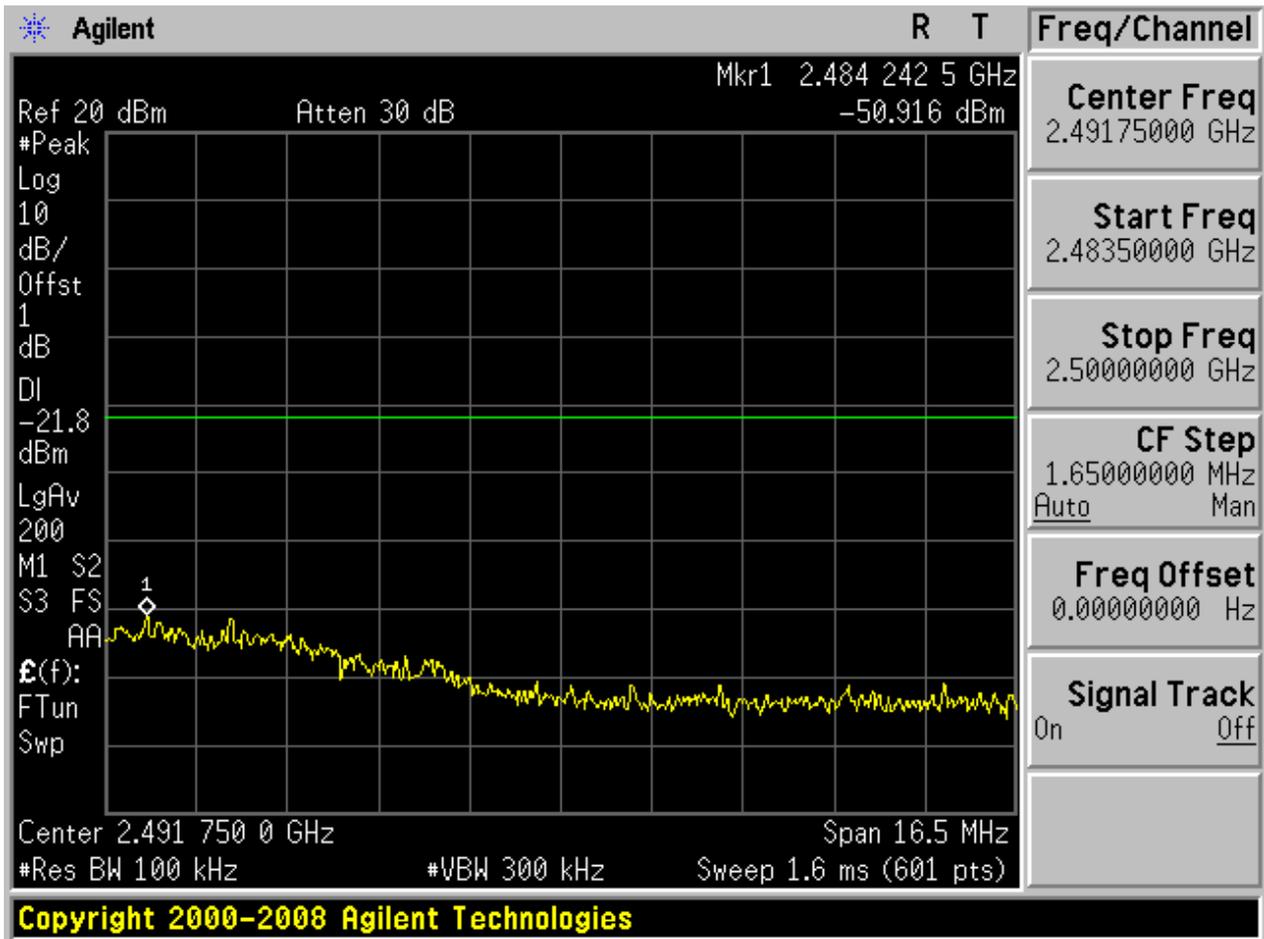
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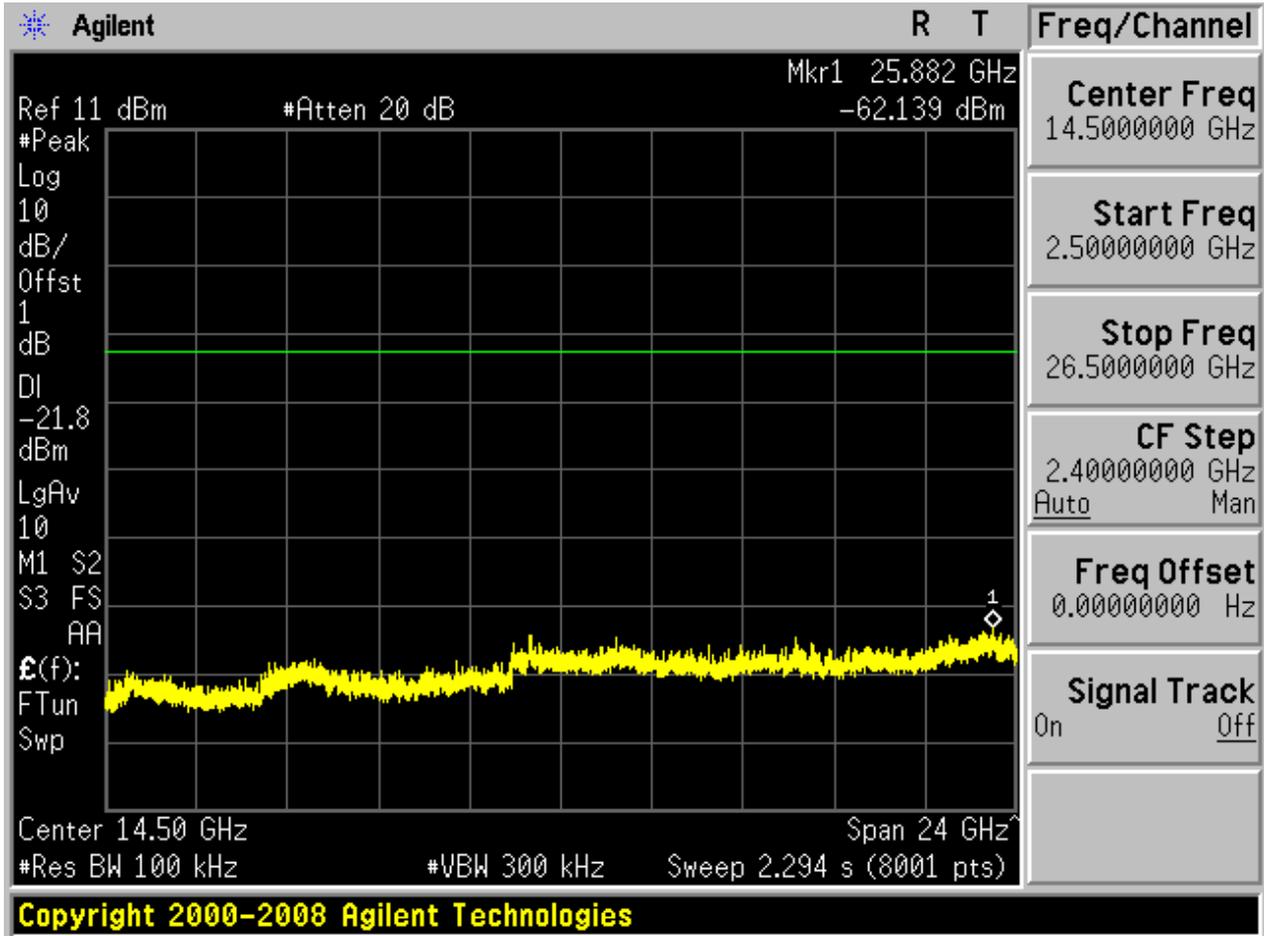








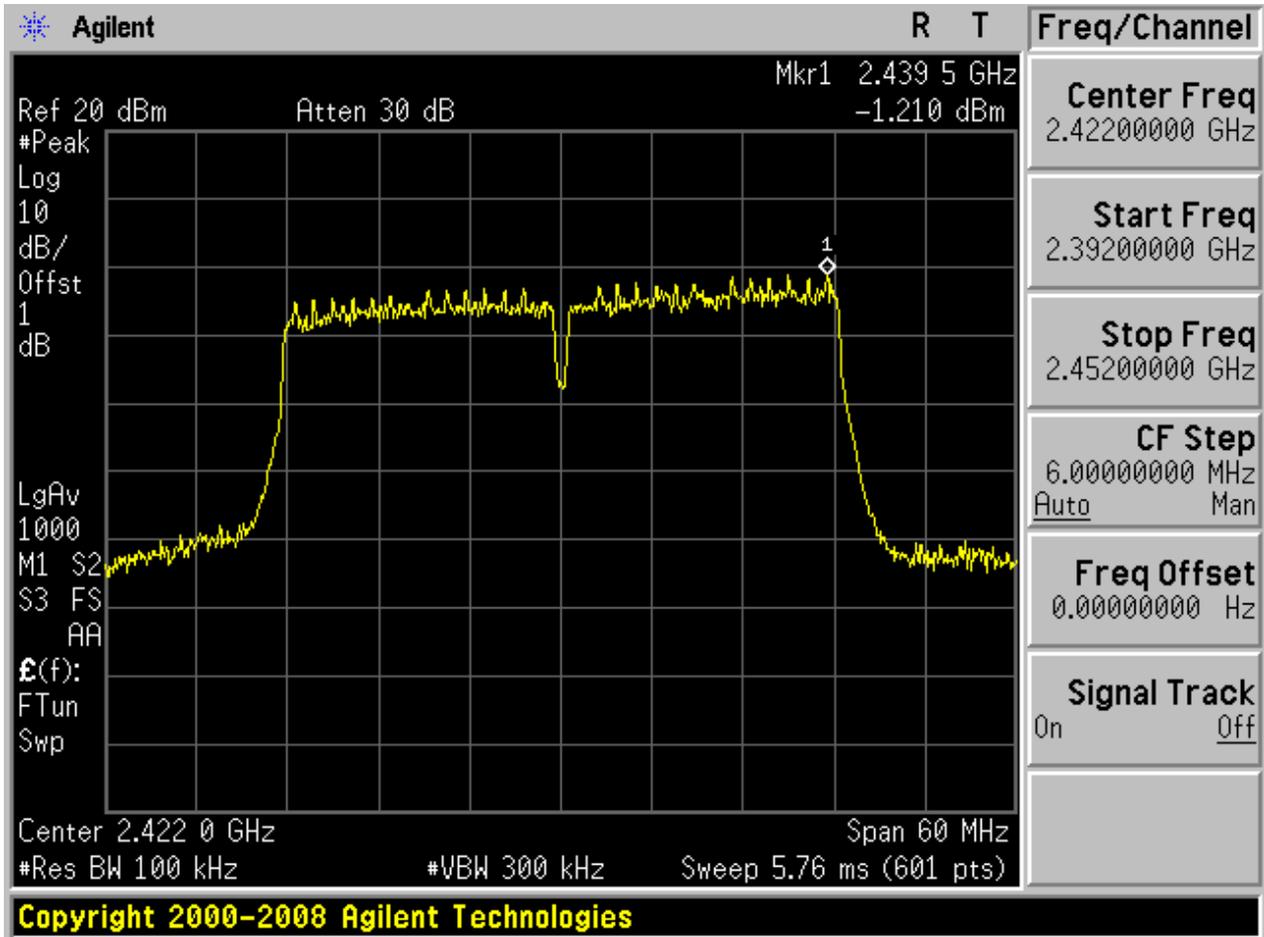






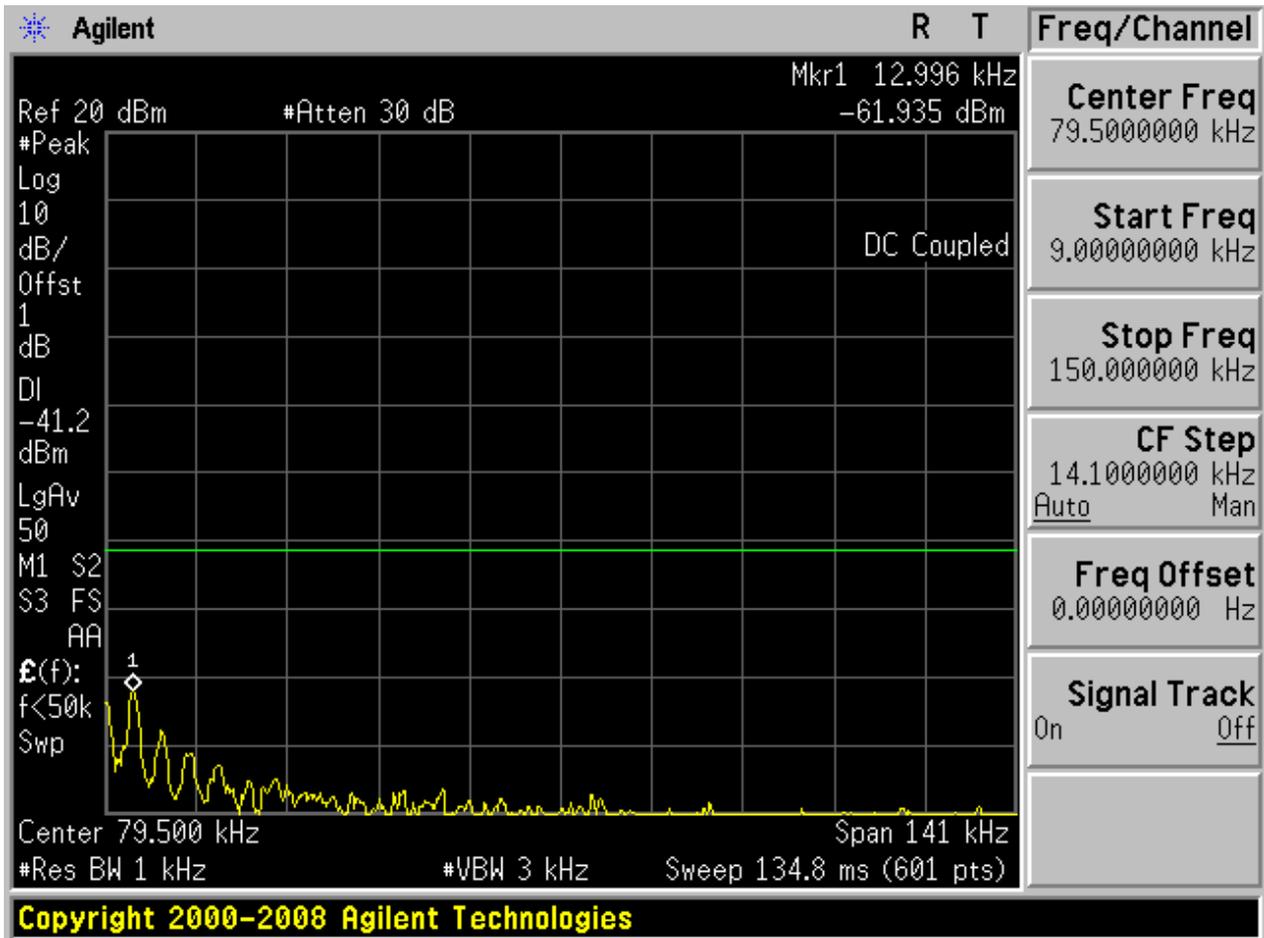
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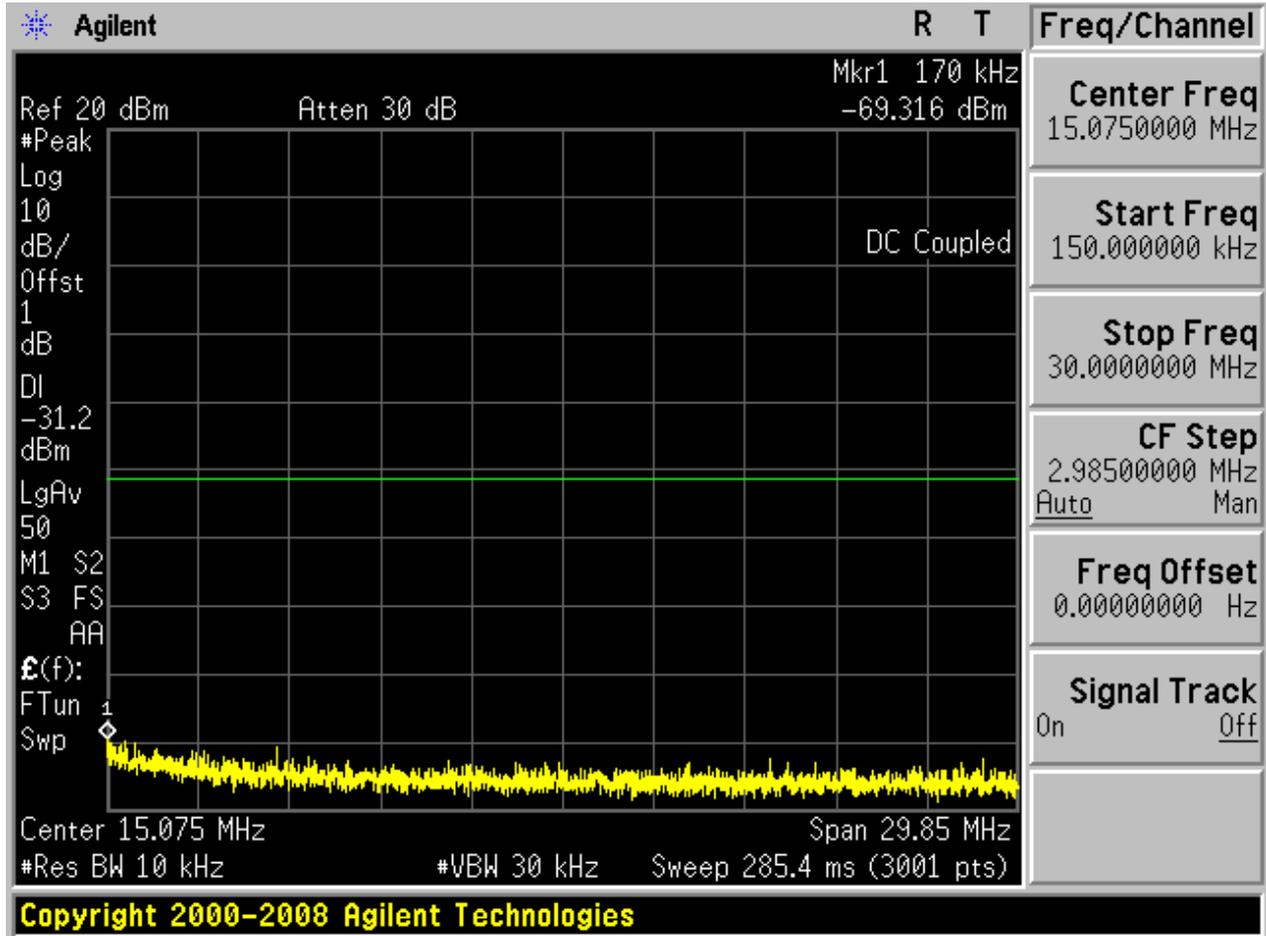
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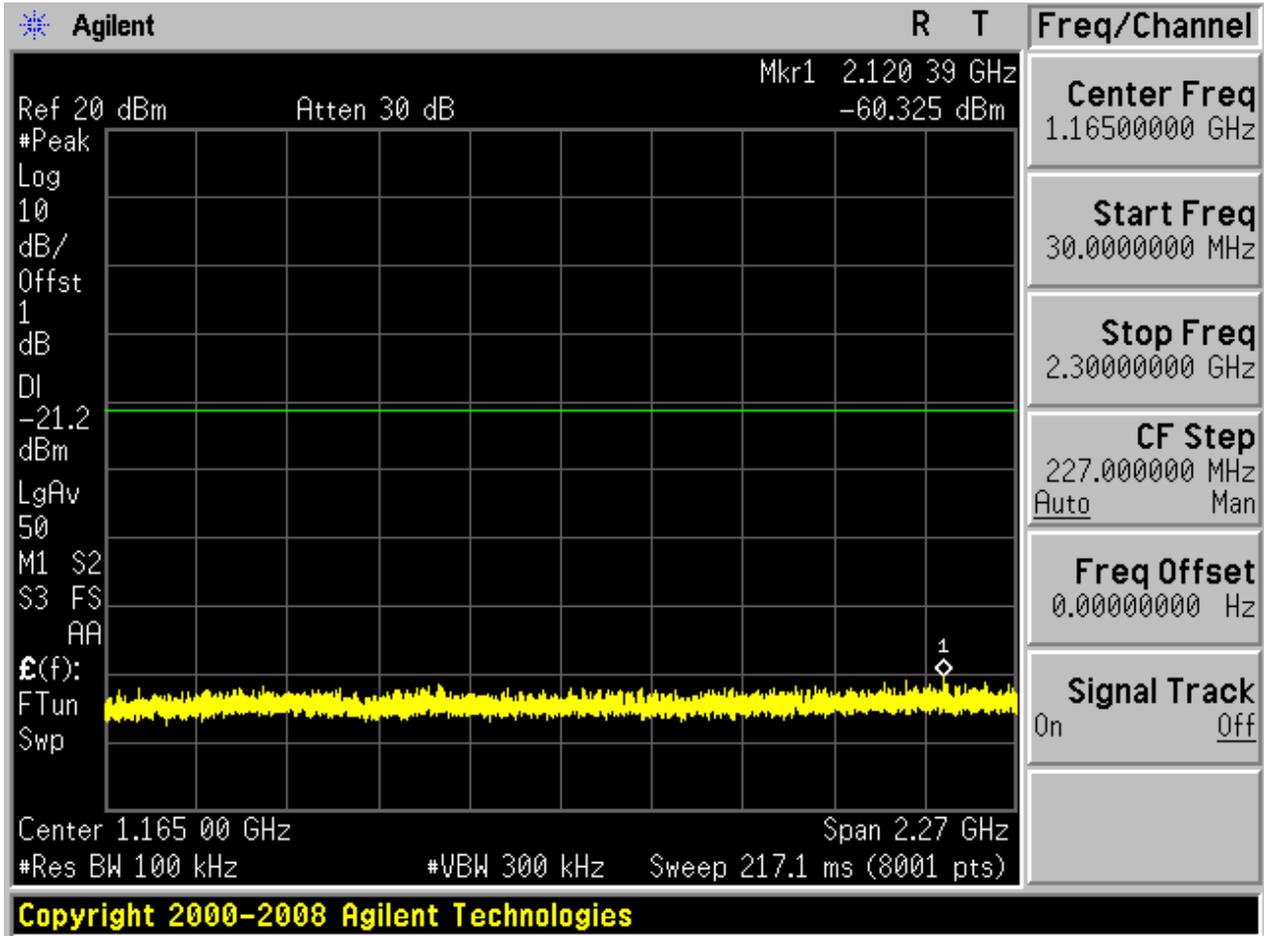


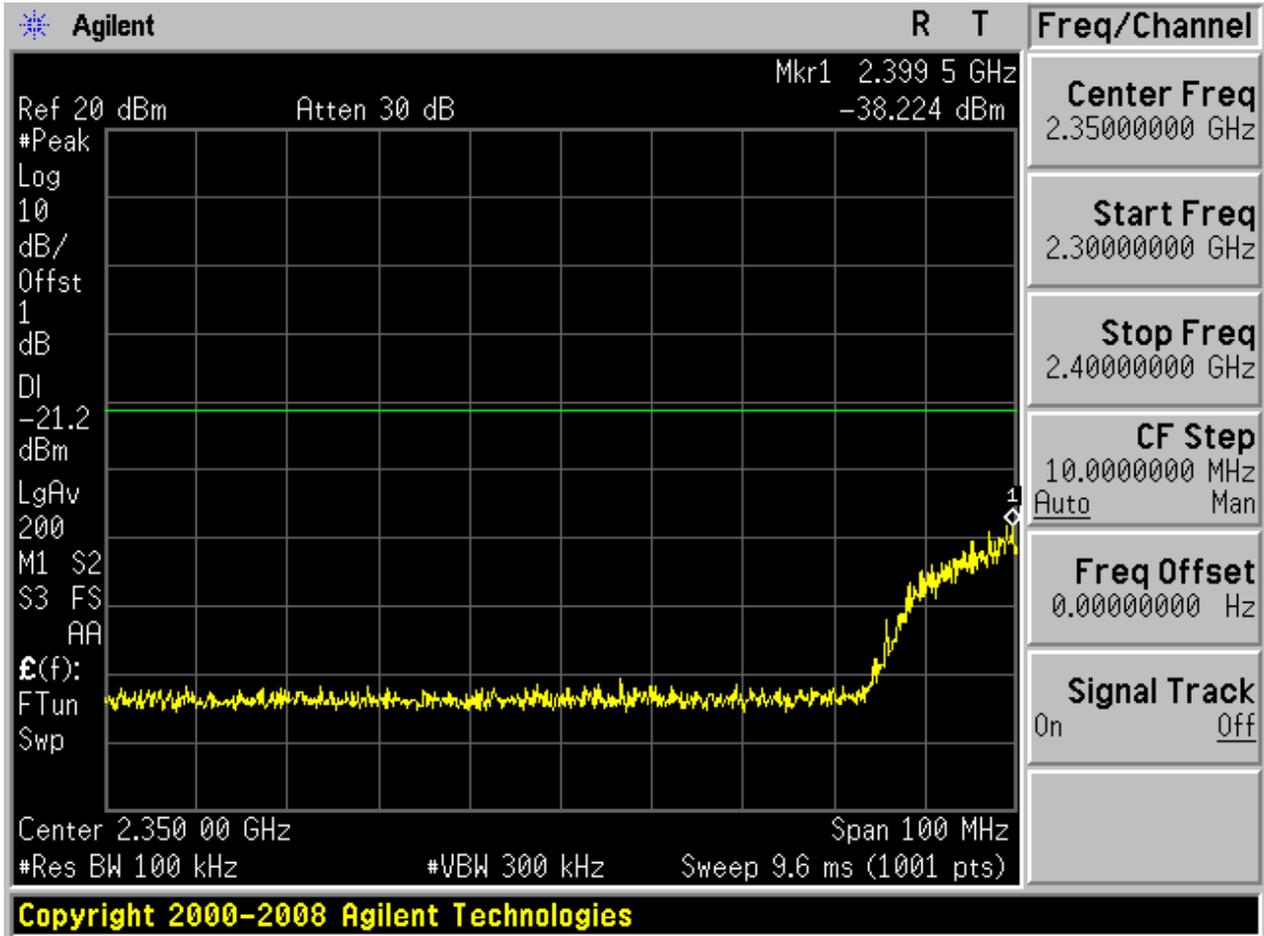


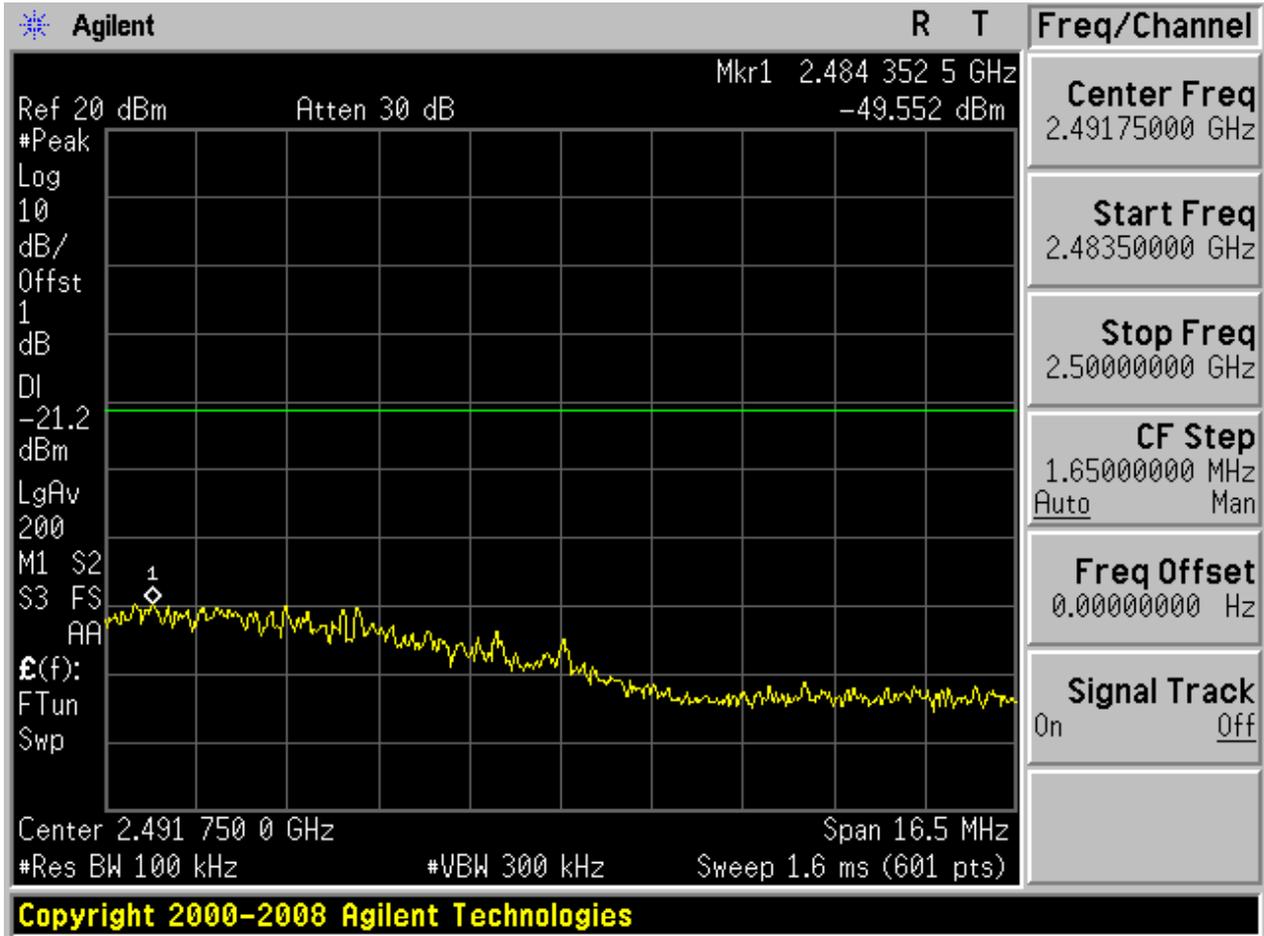
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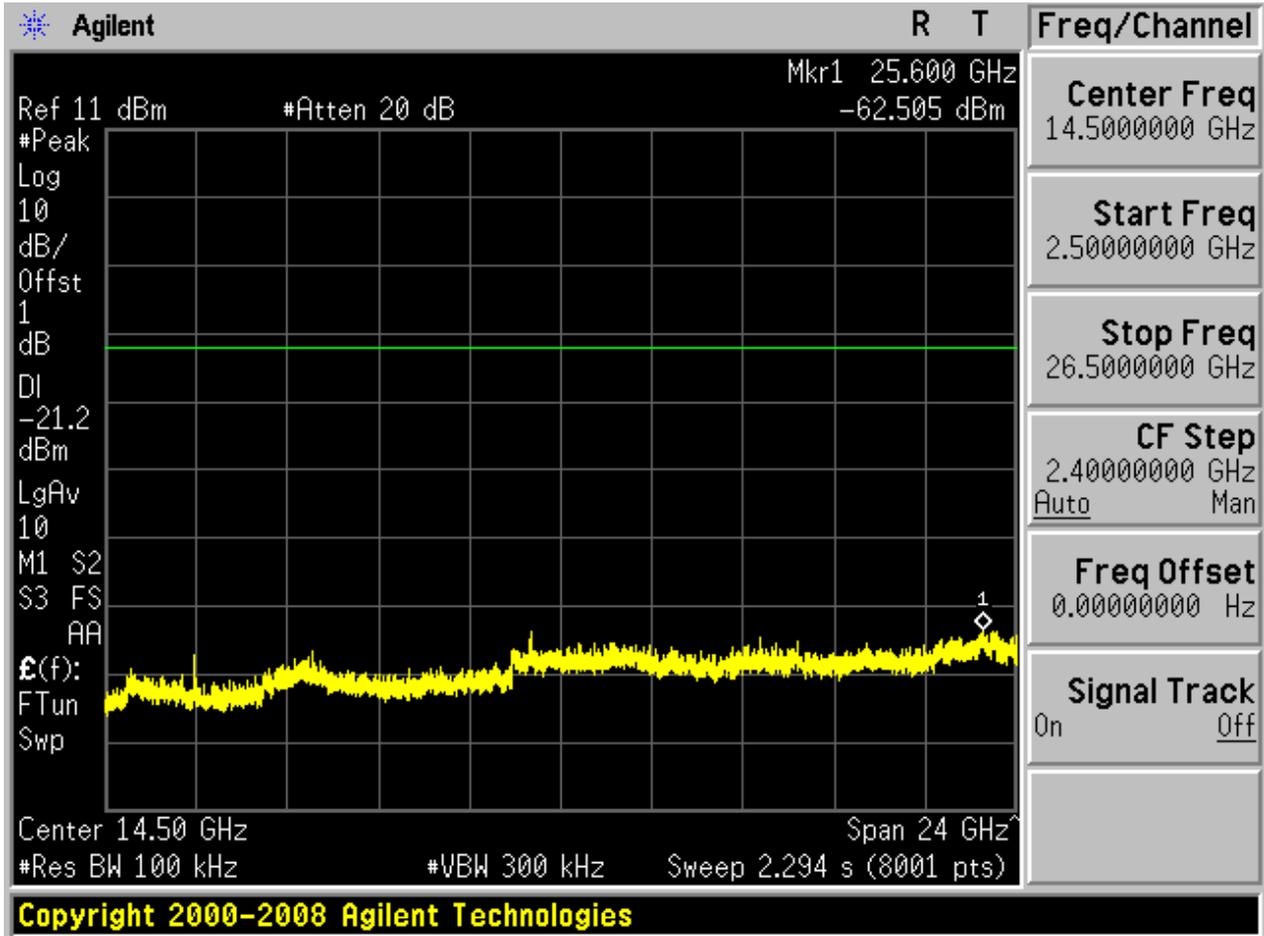








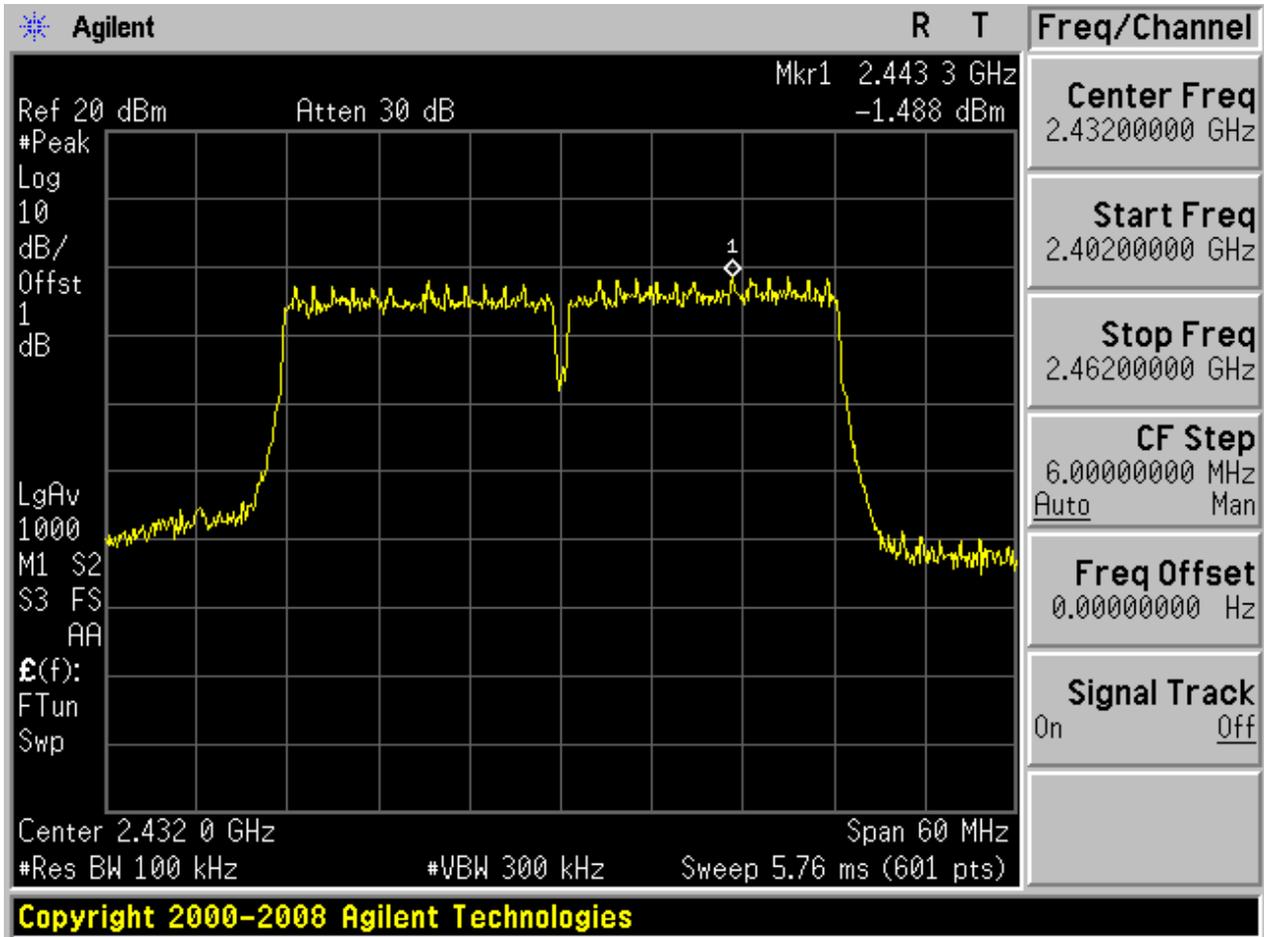






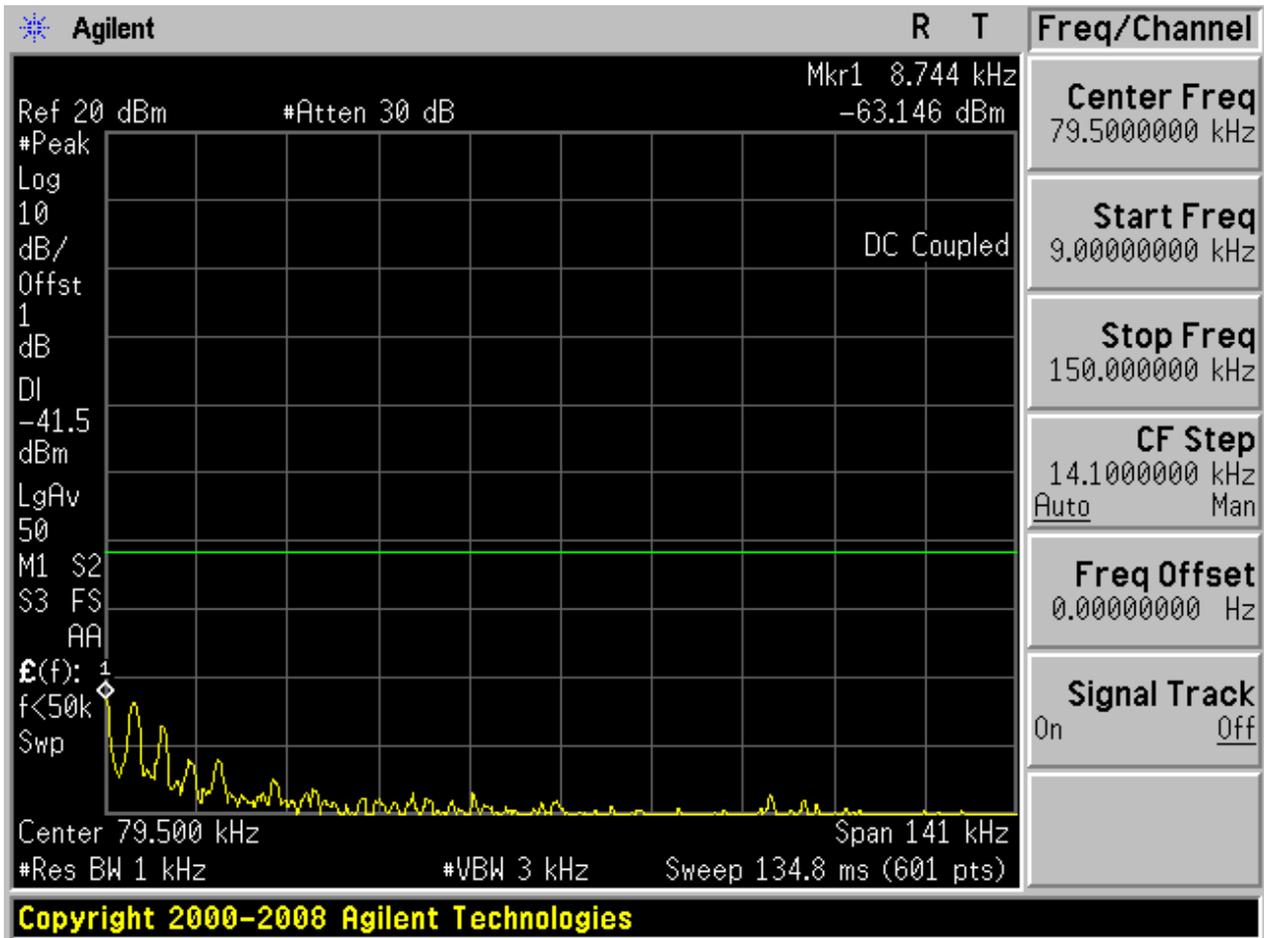
2.27 11N40_M@Ant 1

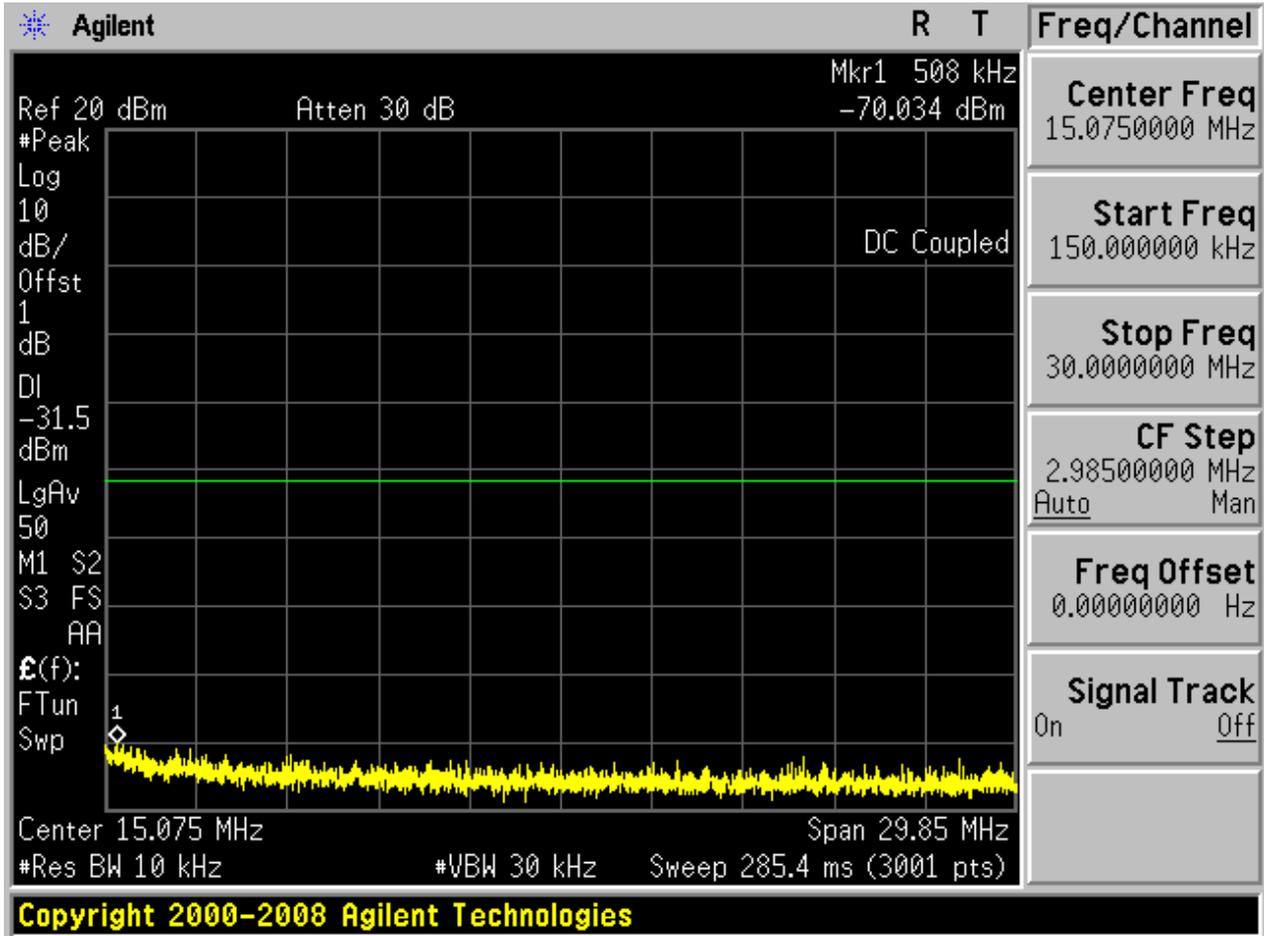
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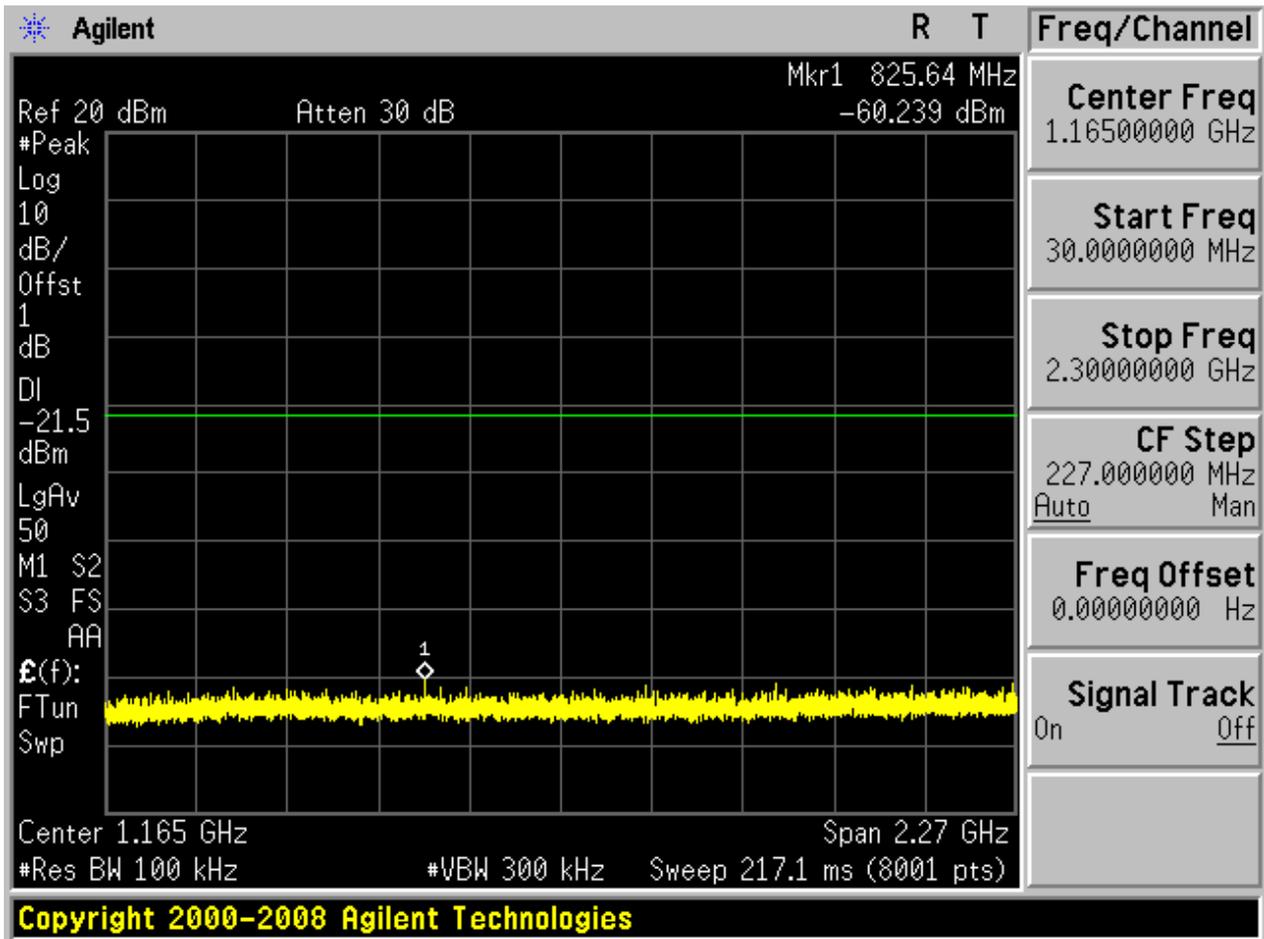


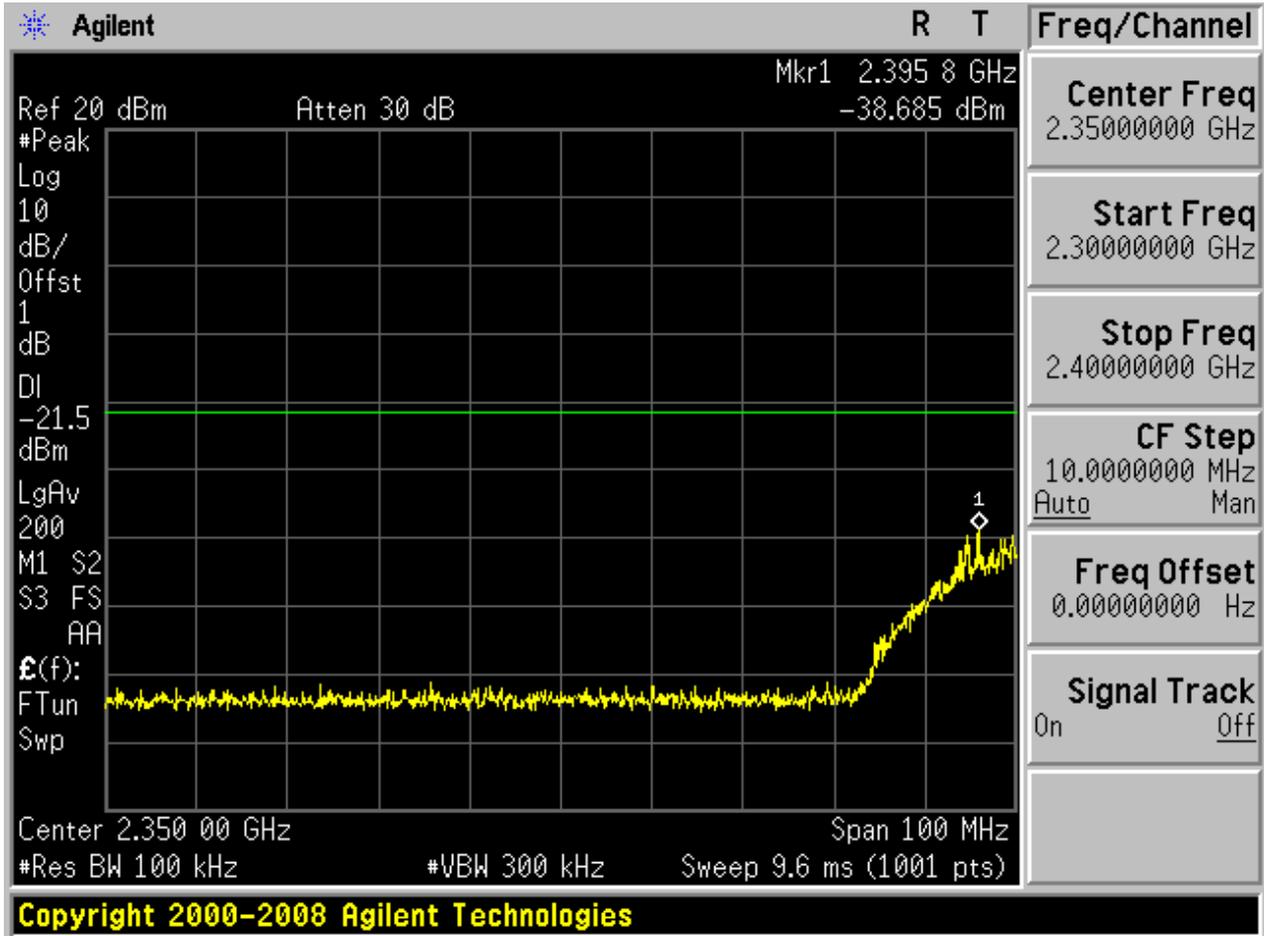


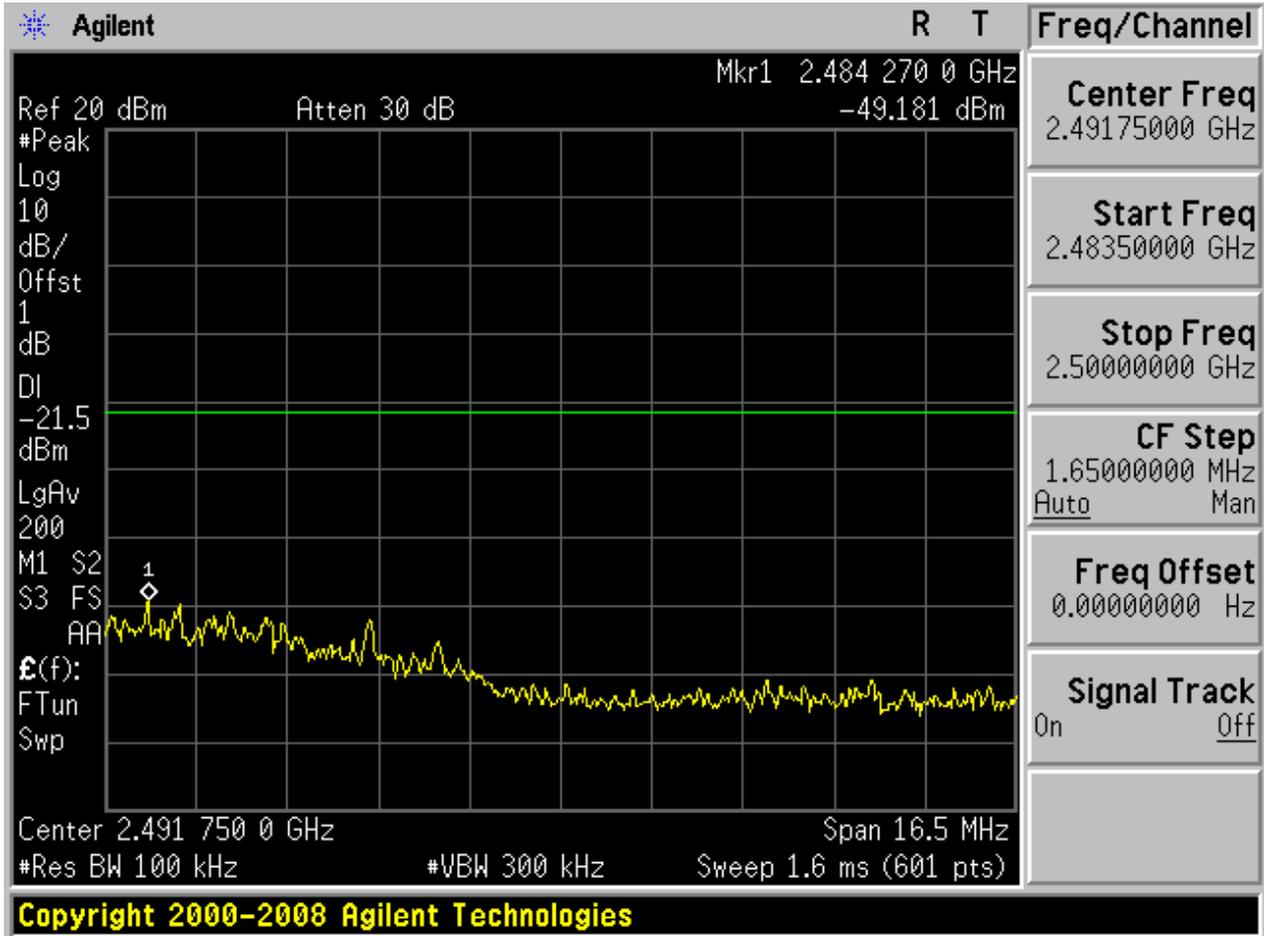
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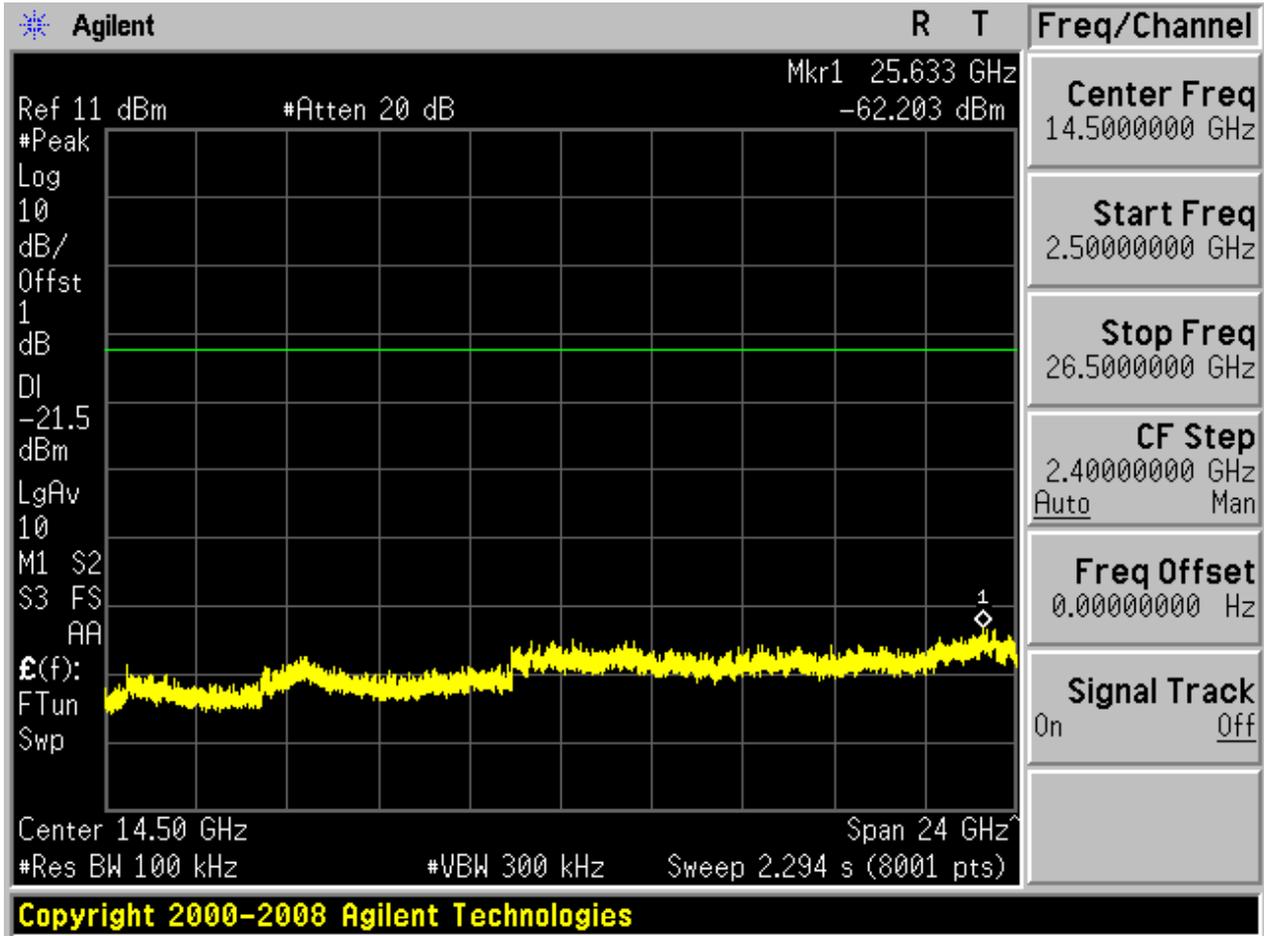








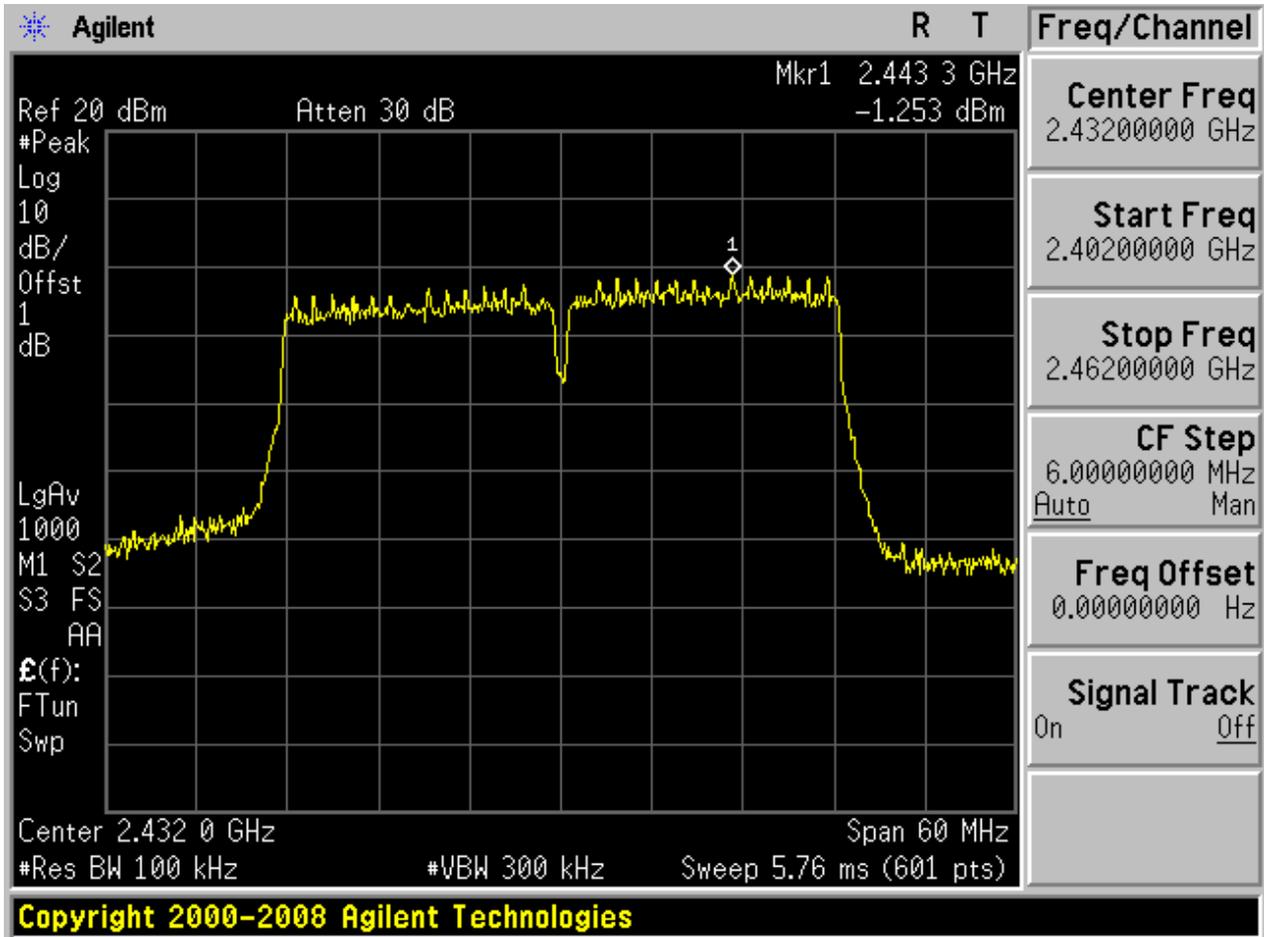






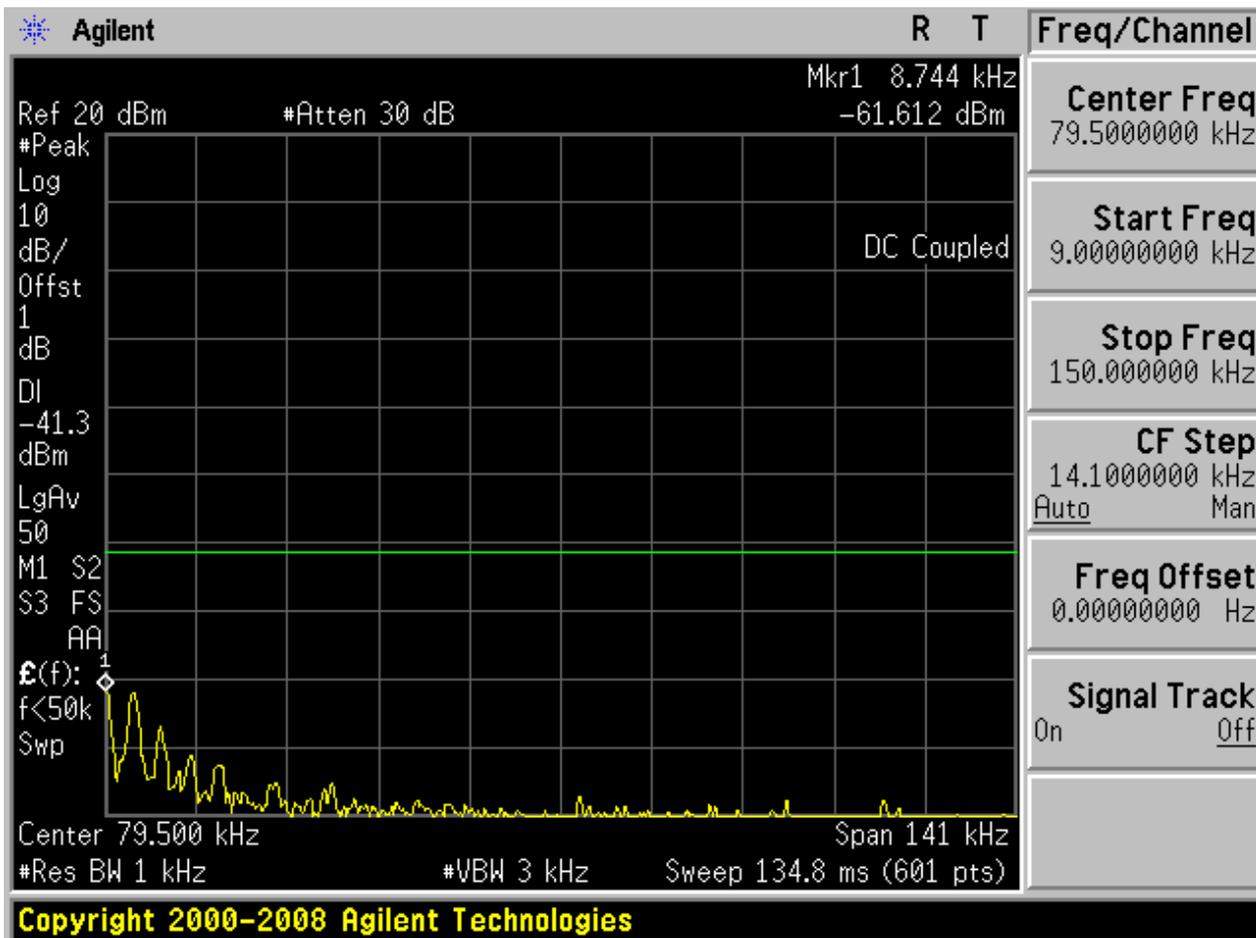
2.28 11N40_M@Ant 2

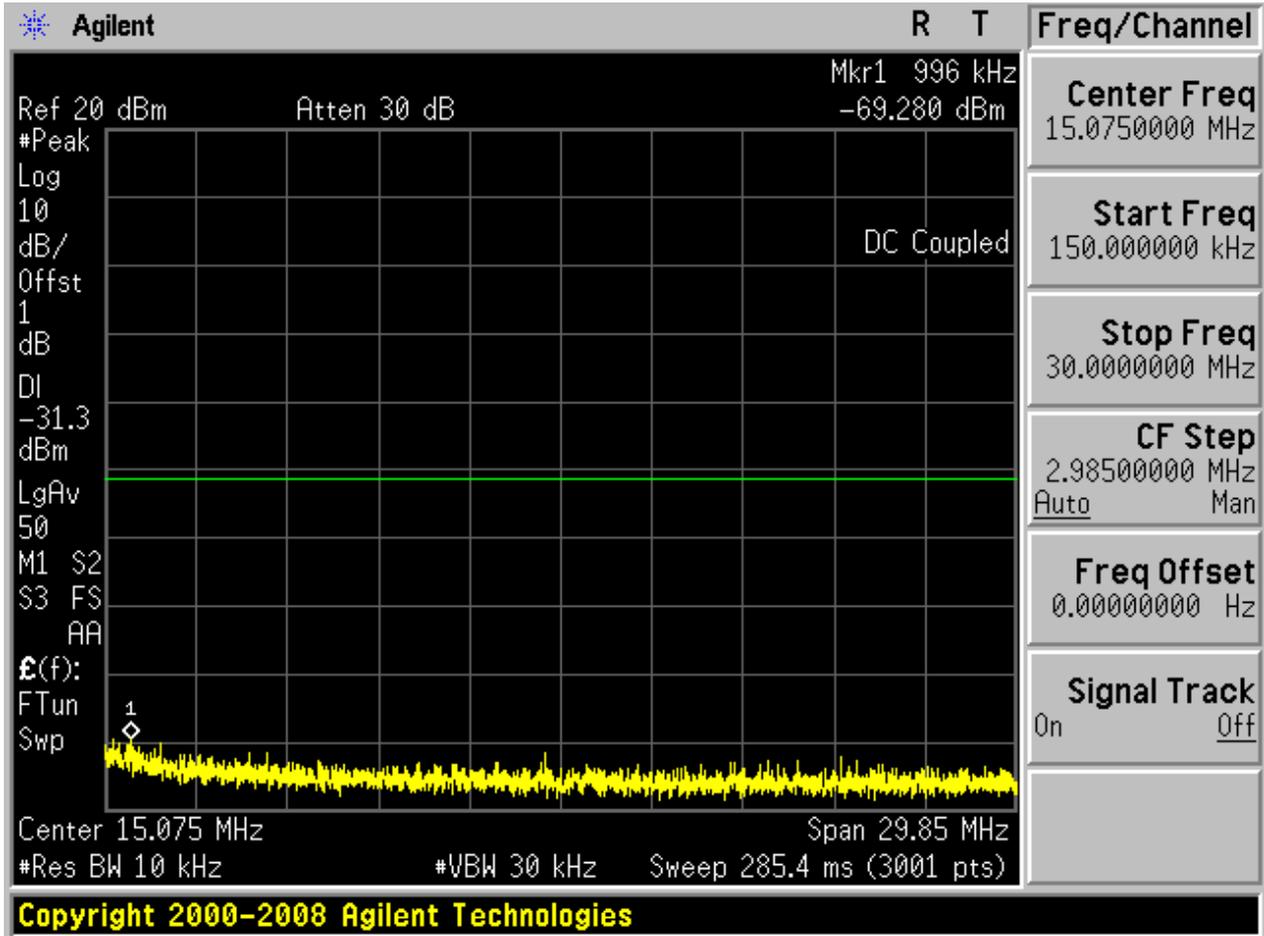
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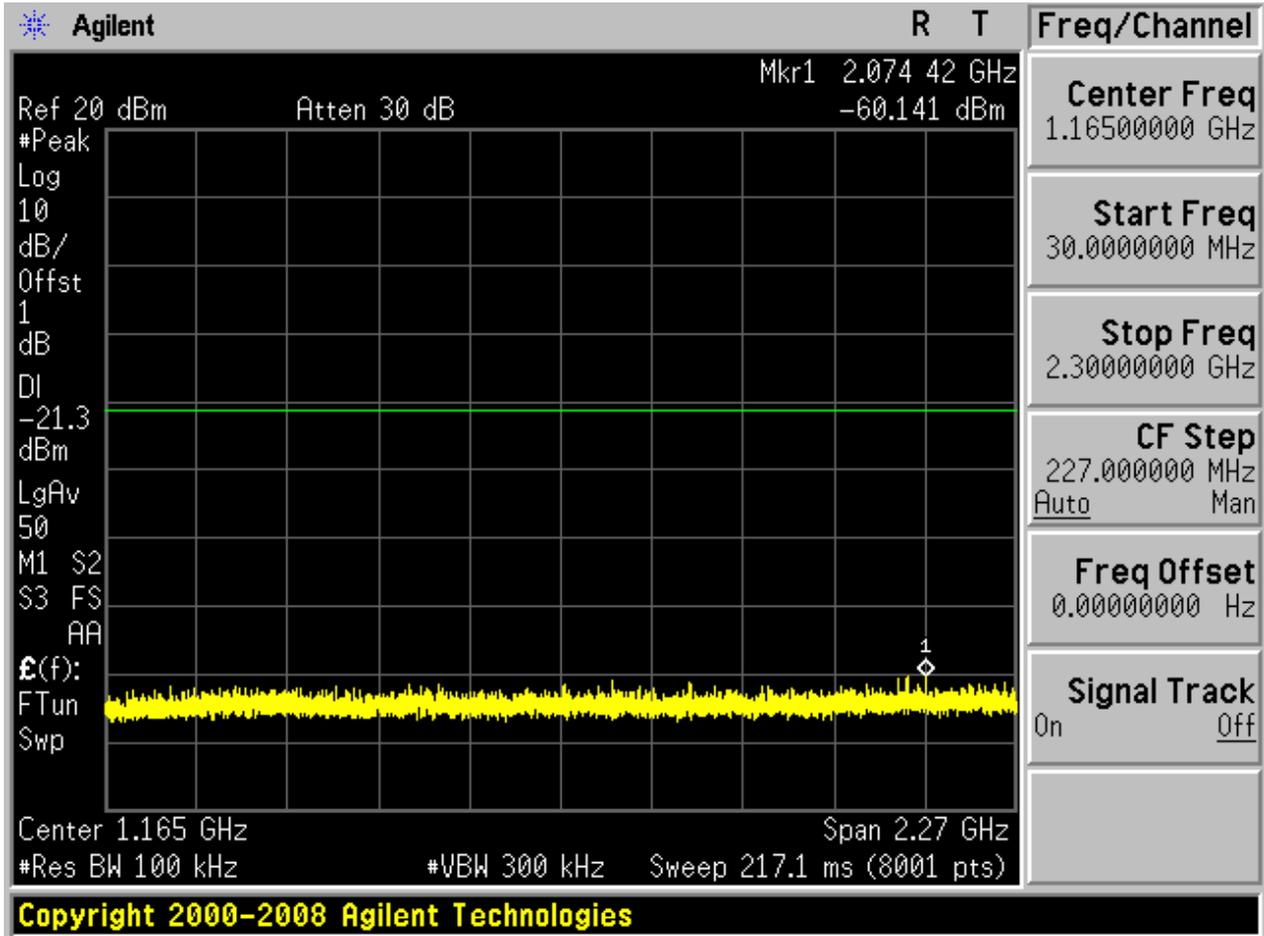


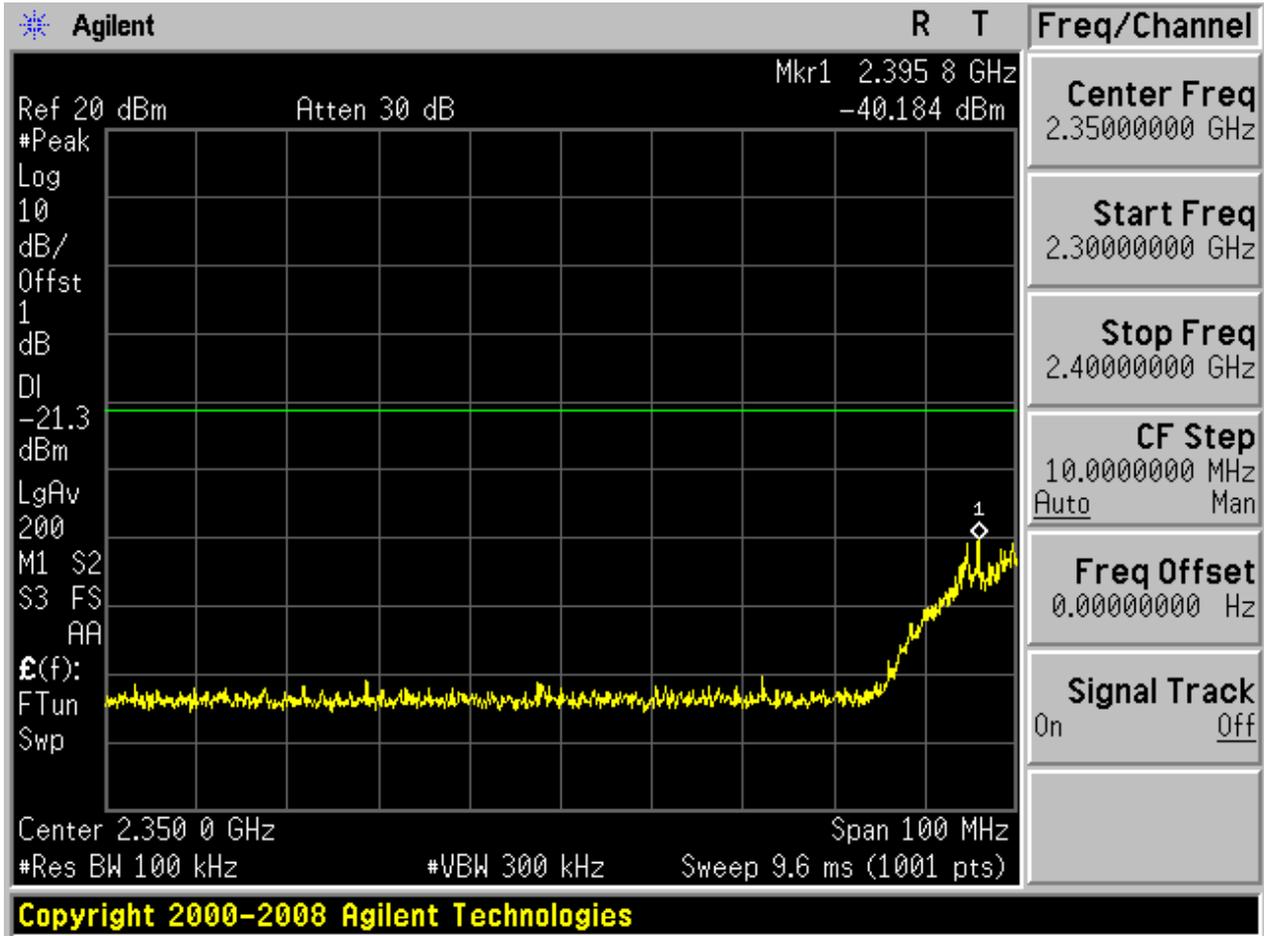


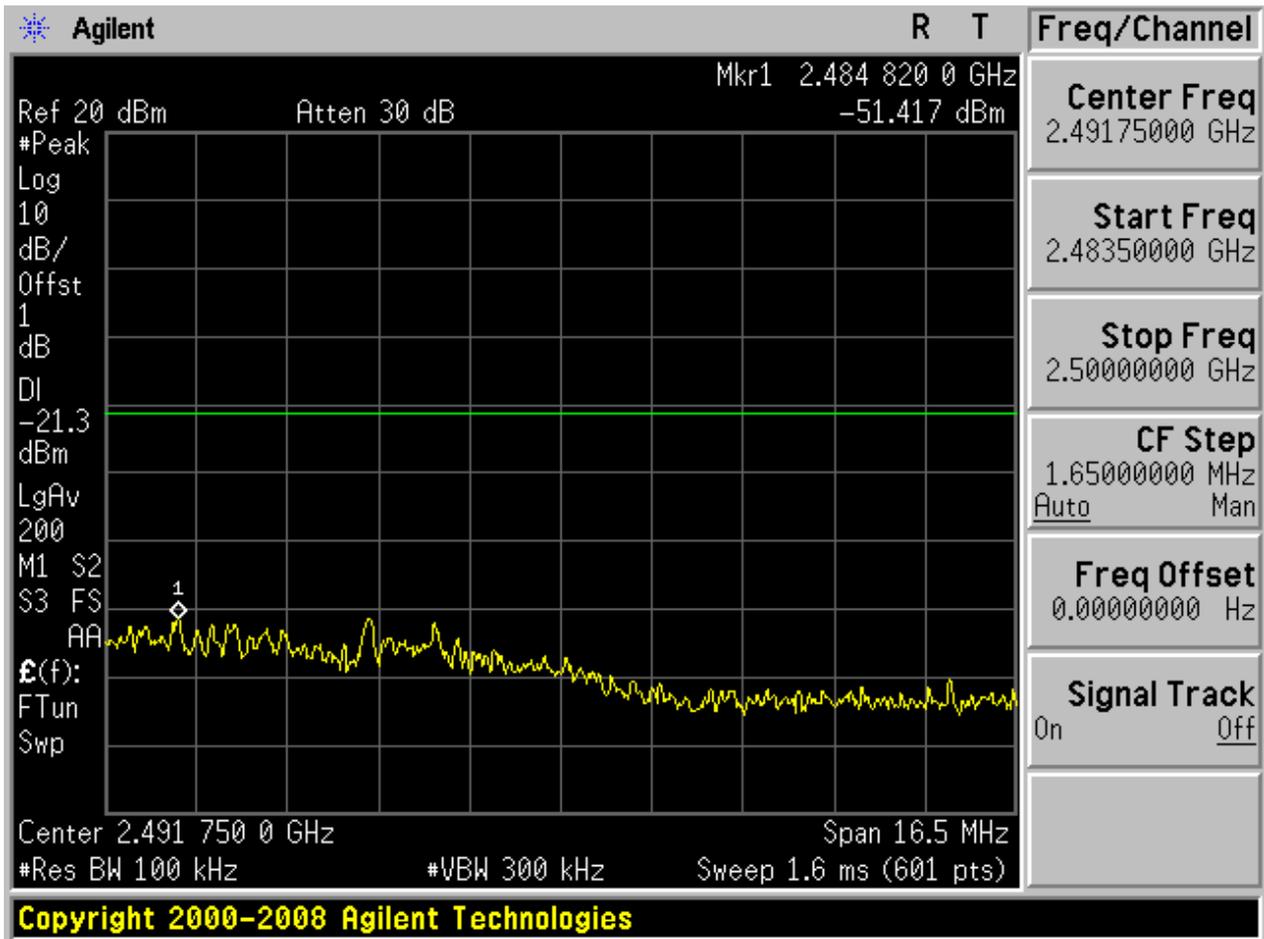
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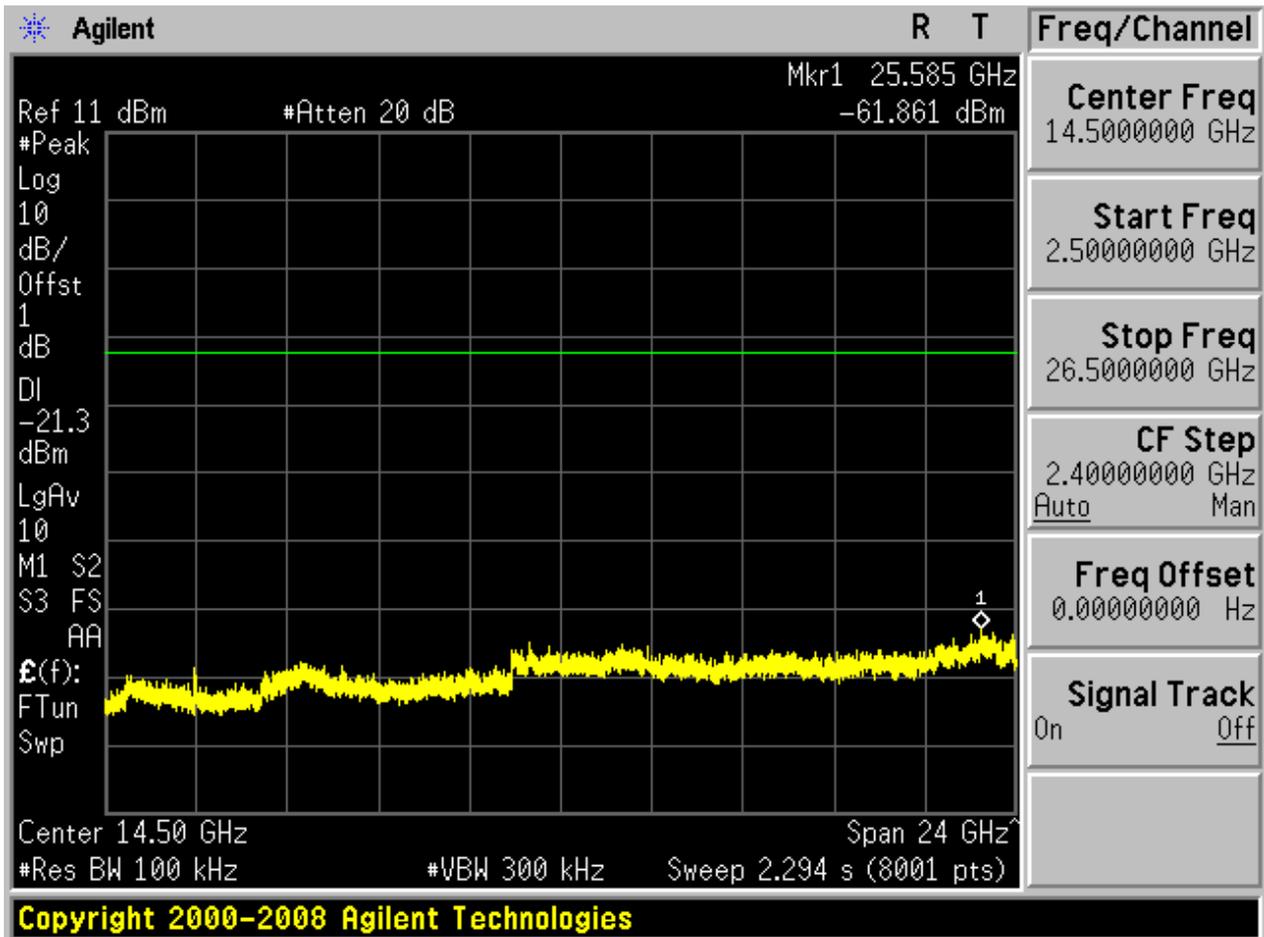








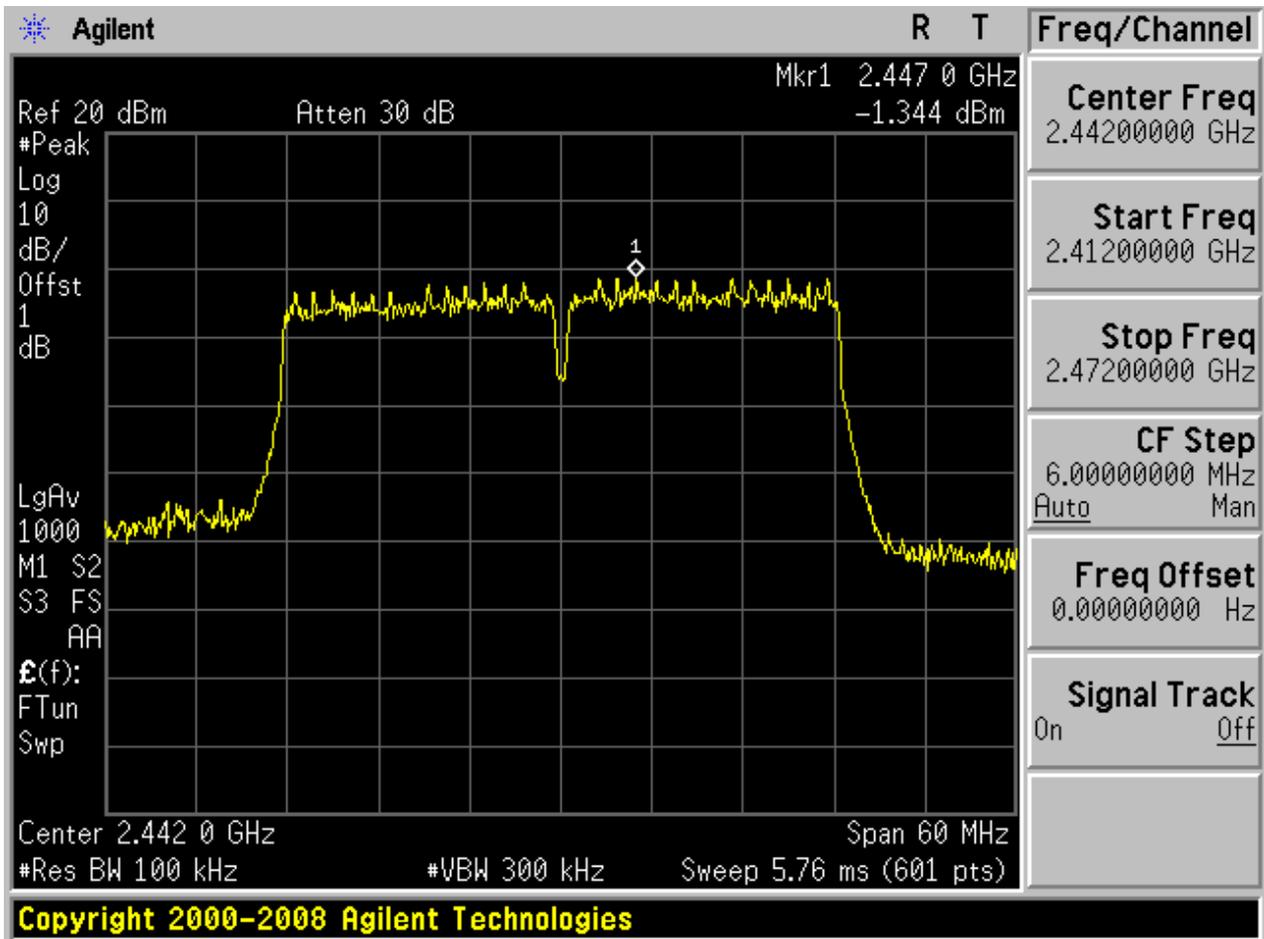






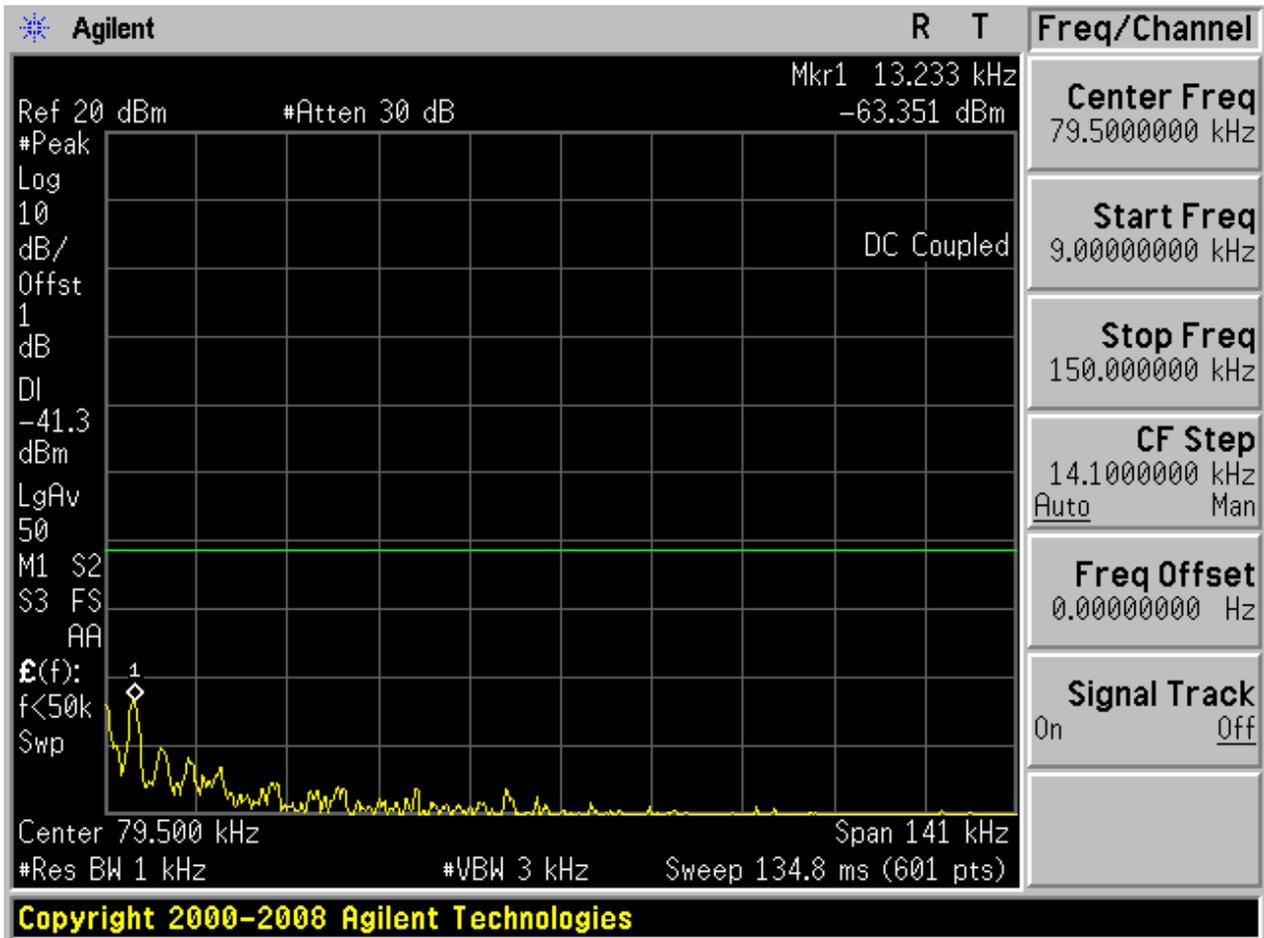
2.29 11N40_H@Ant 1

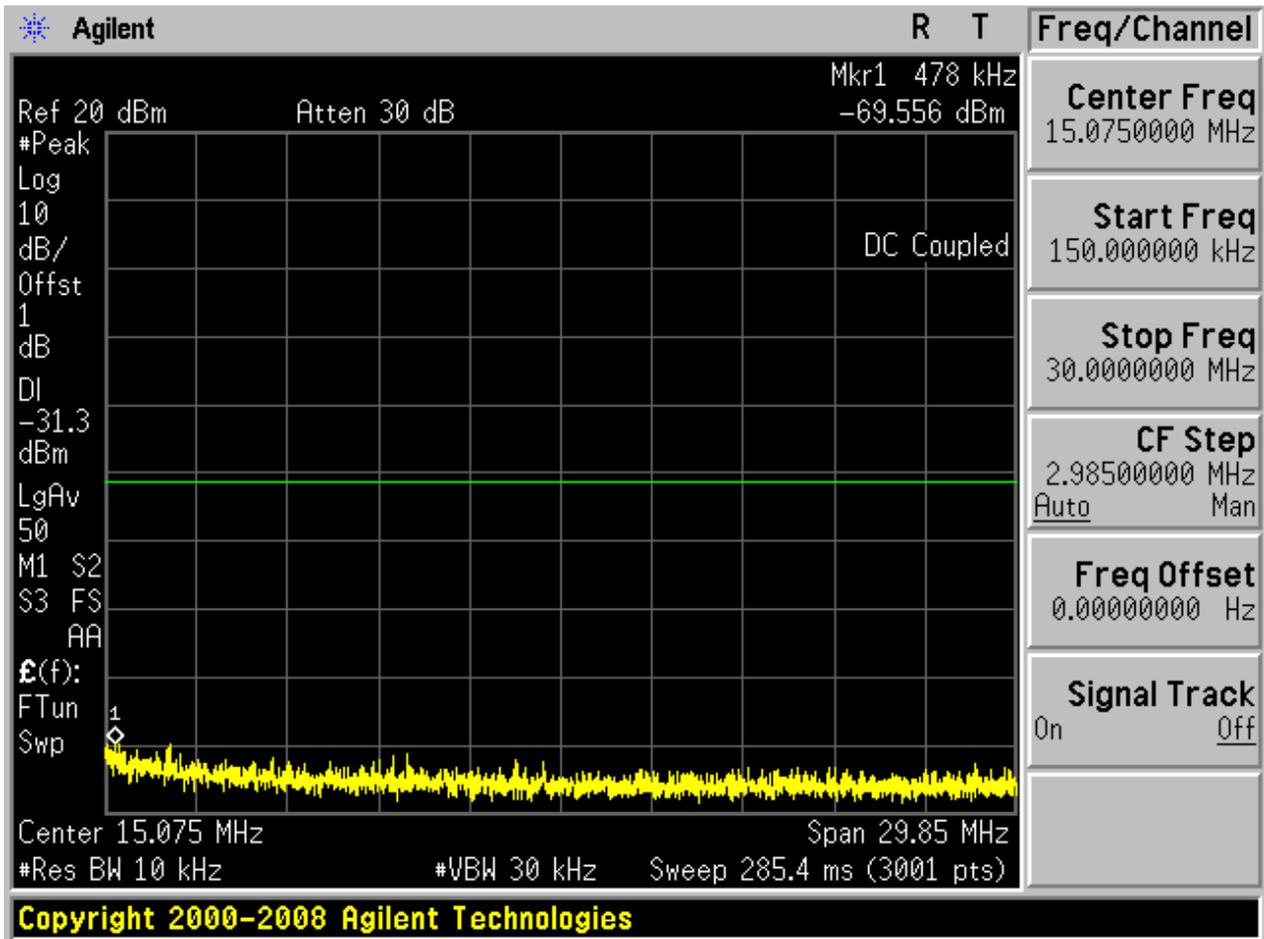
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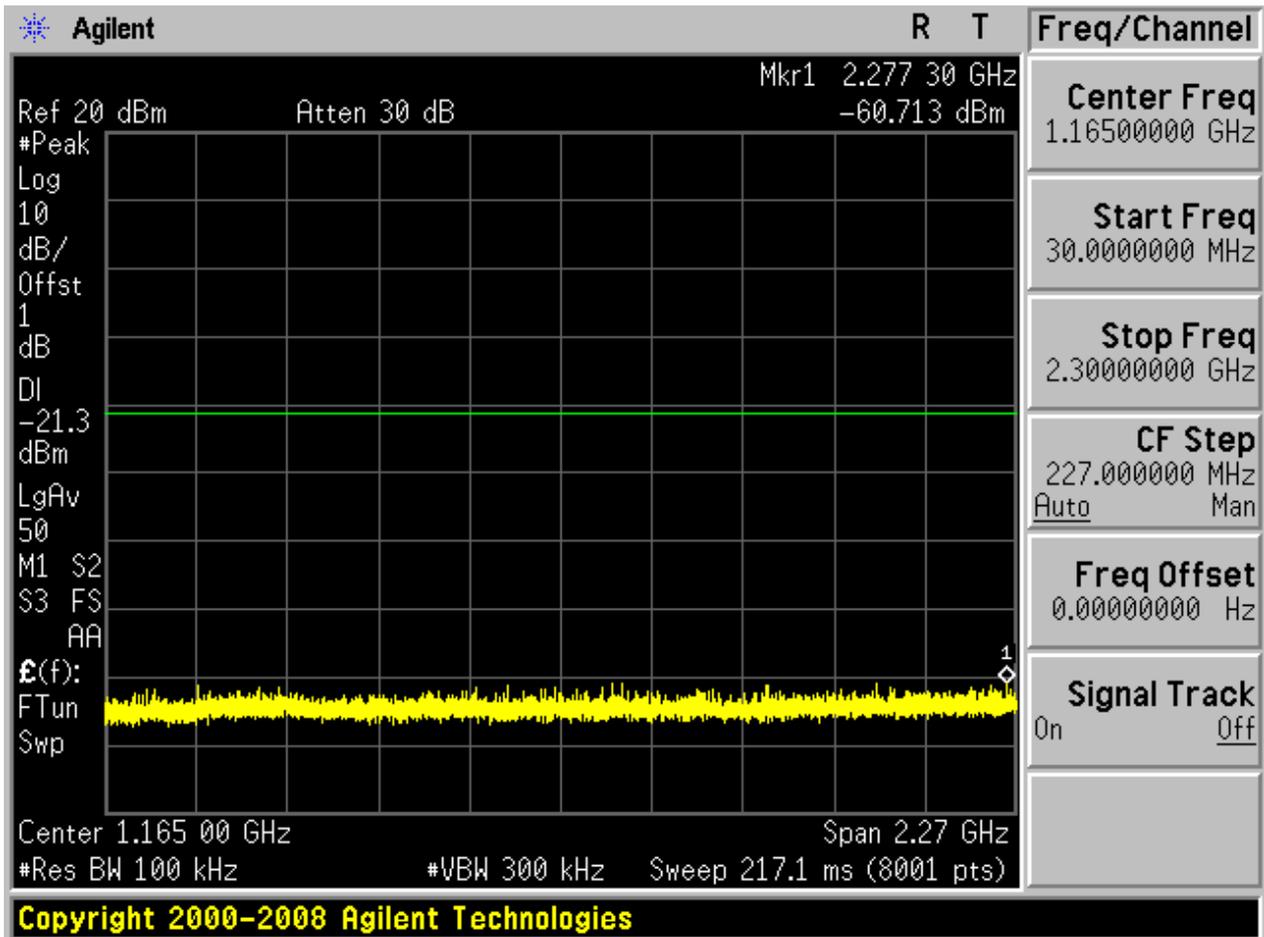


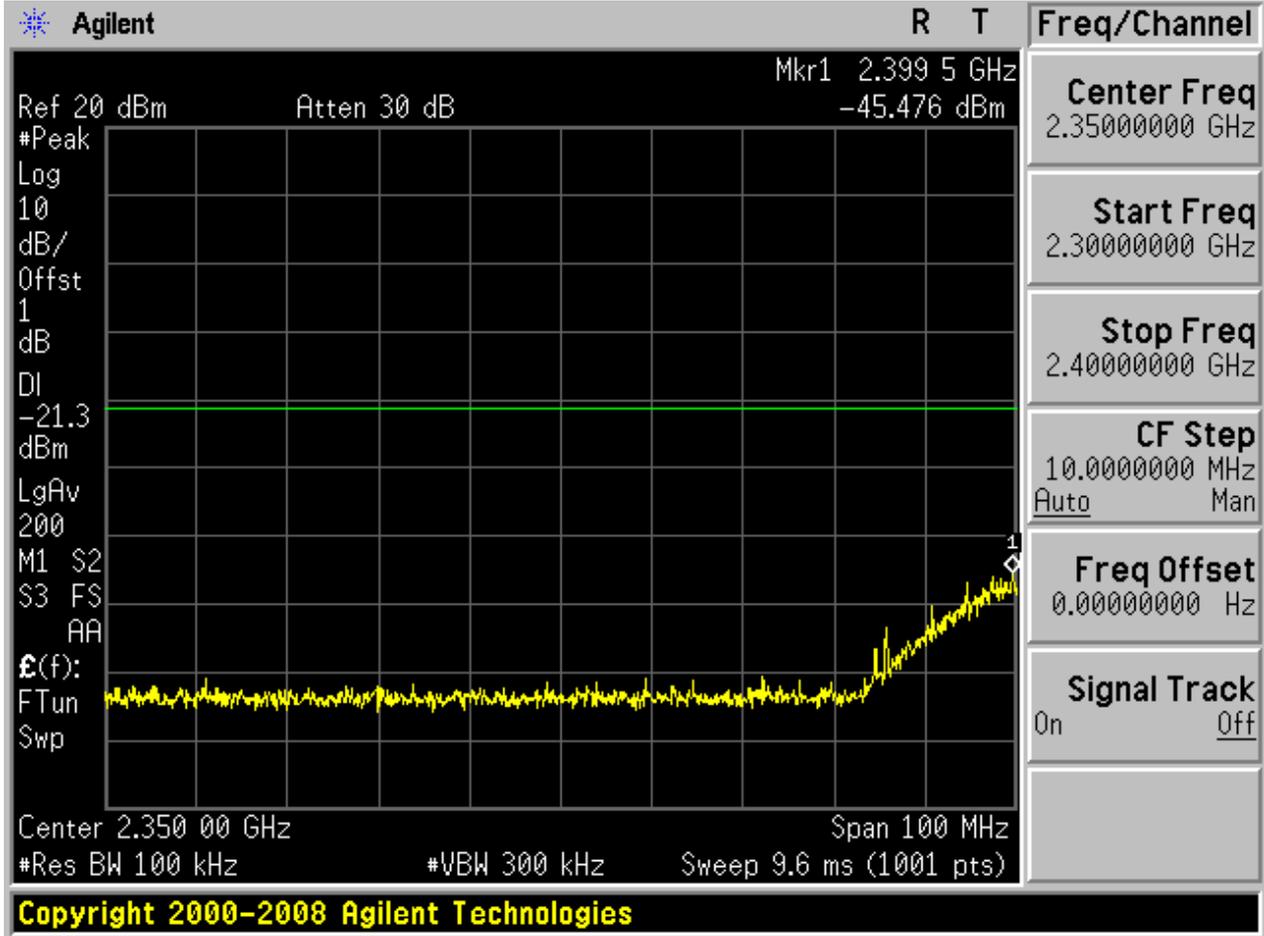


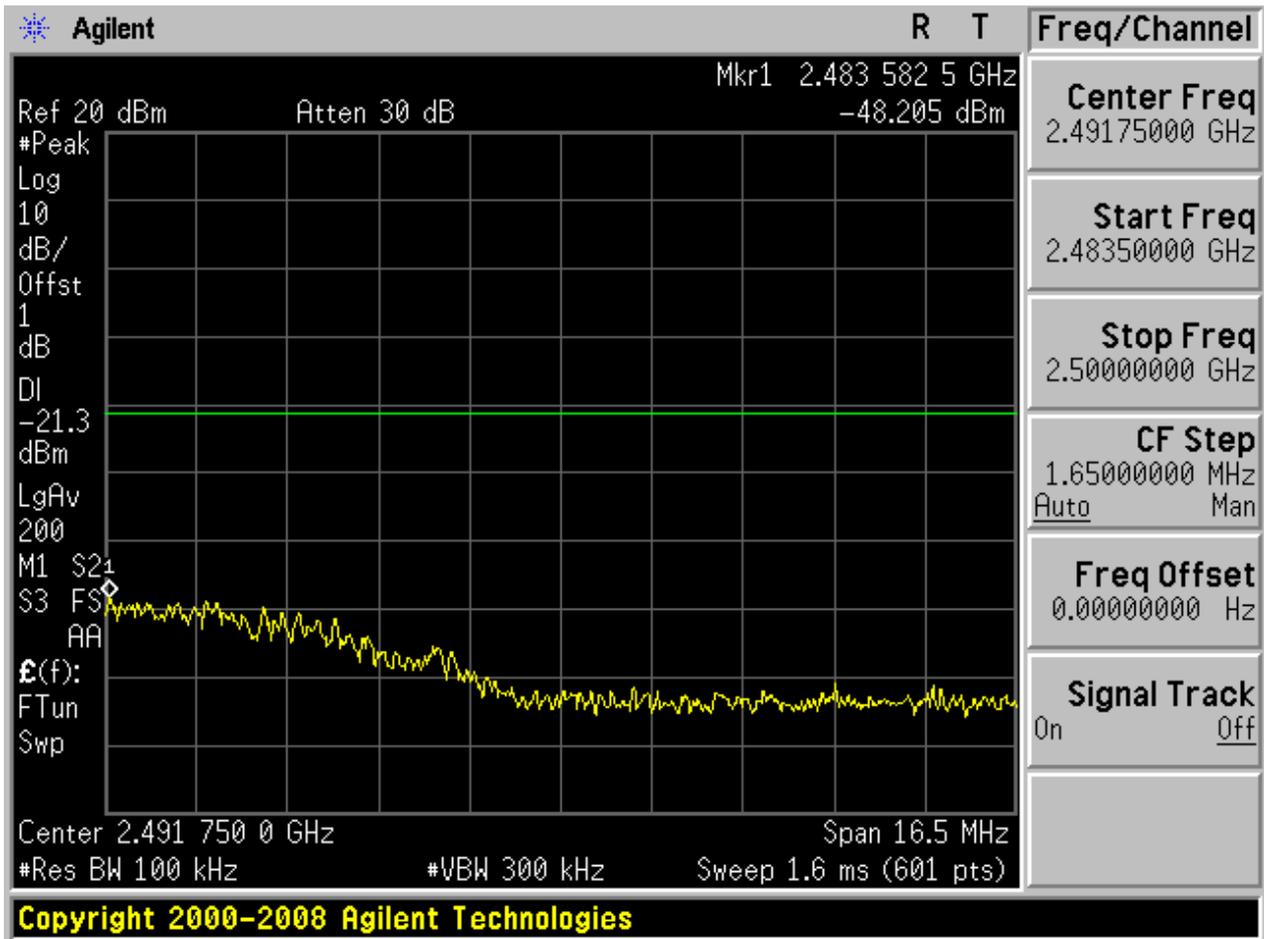
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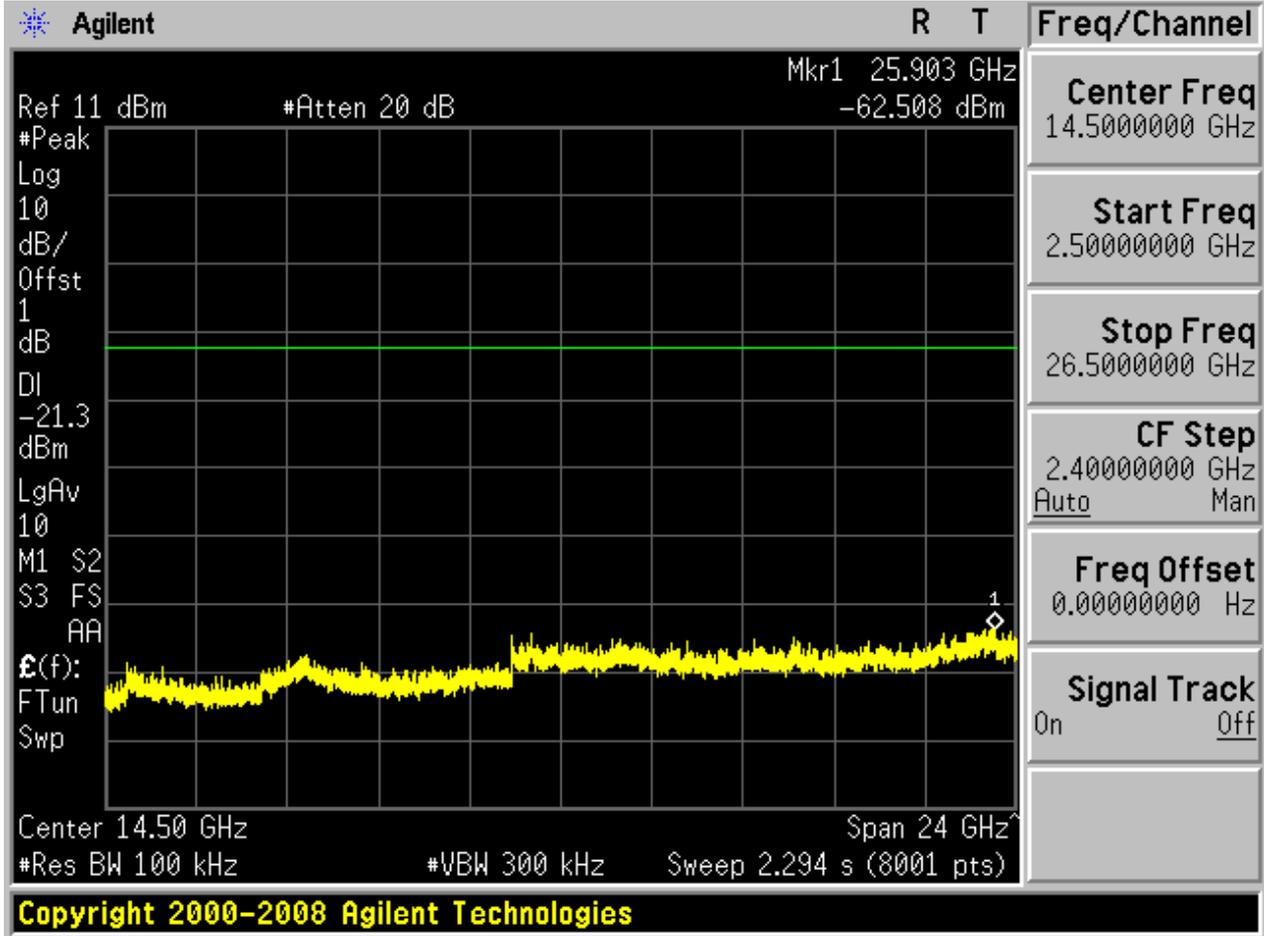








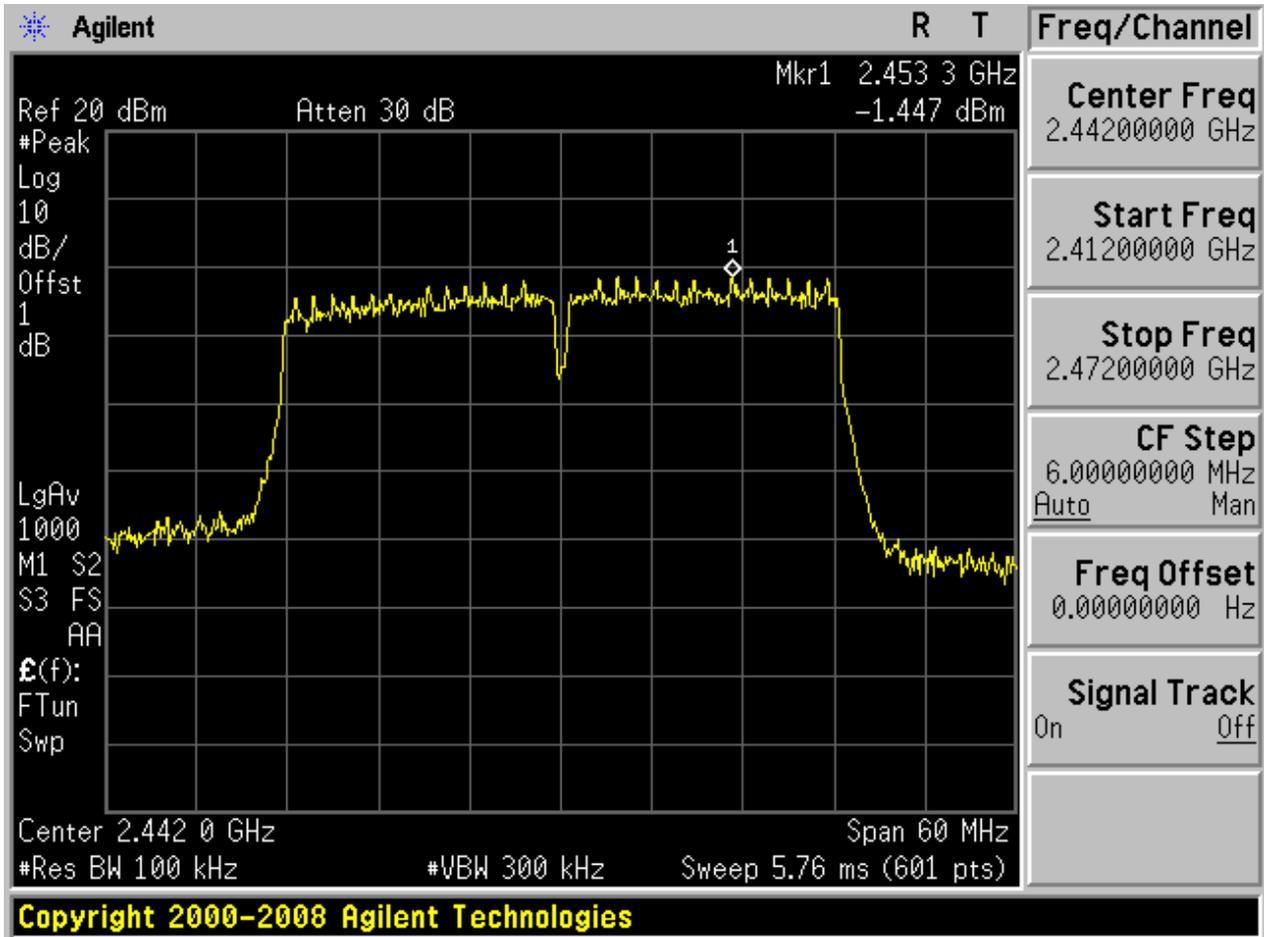






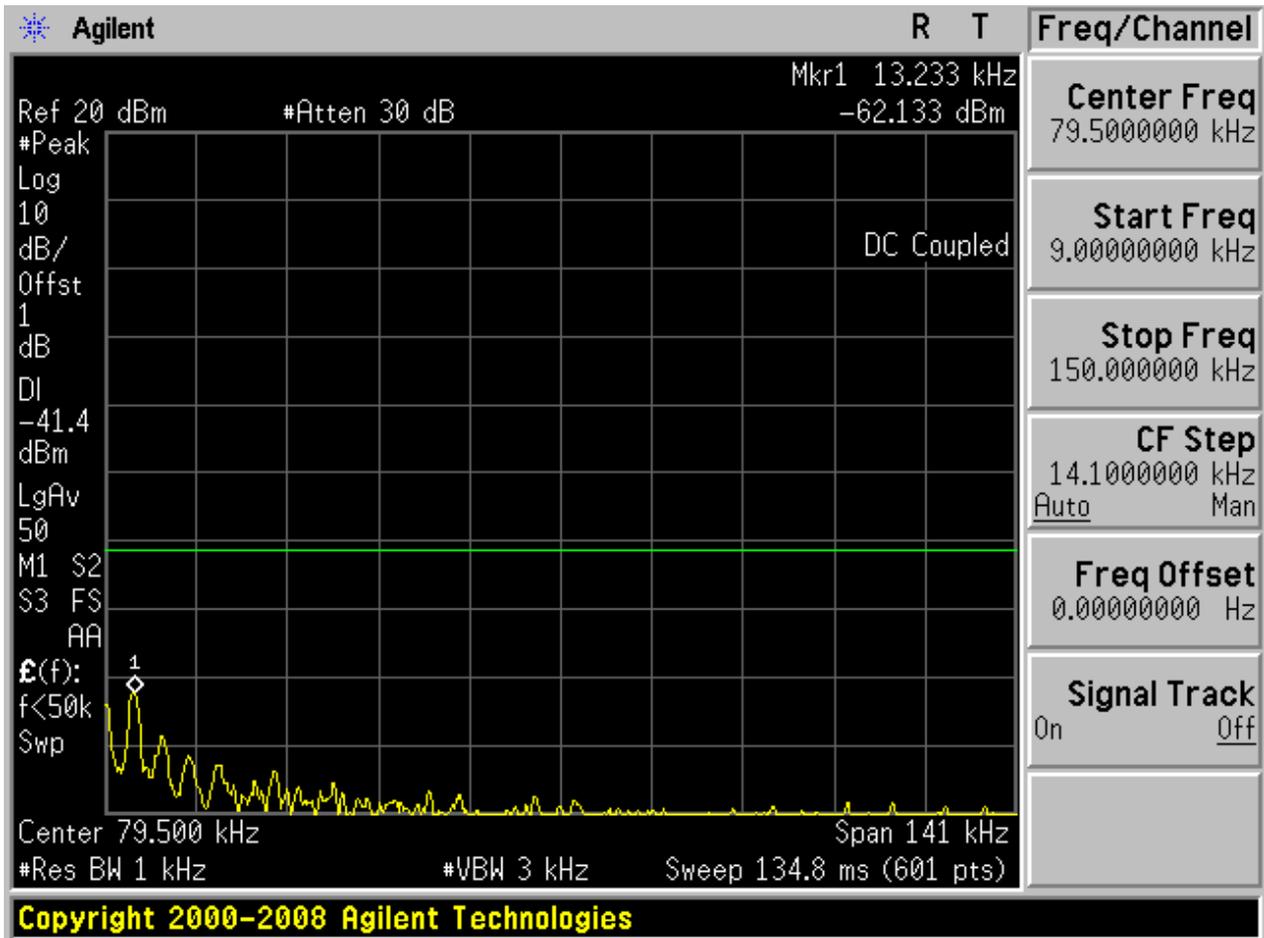
2.30 11N40_H@Ant 2

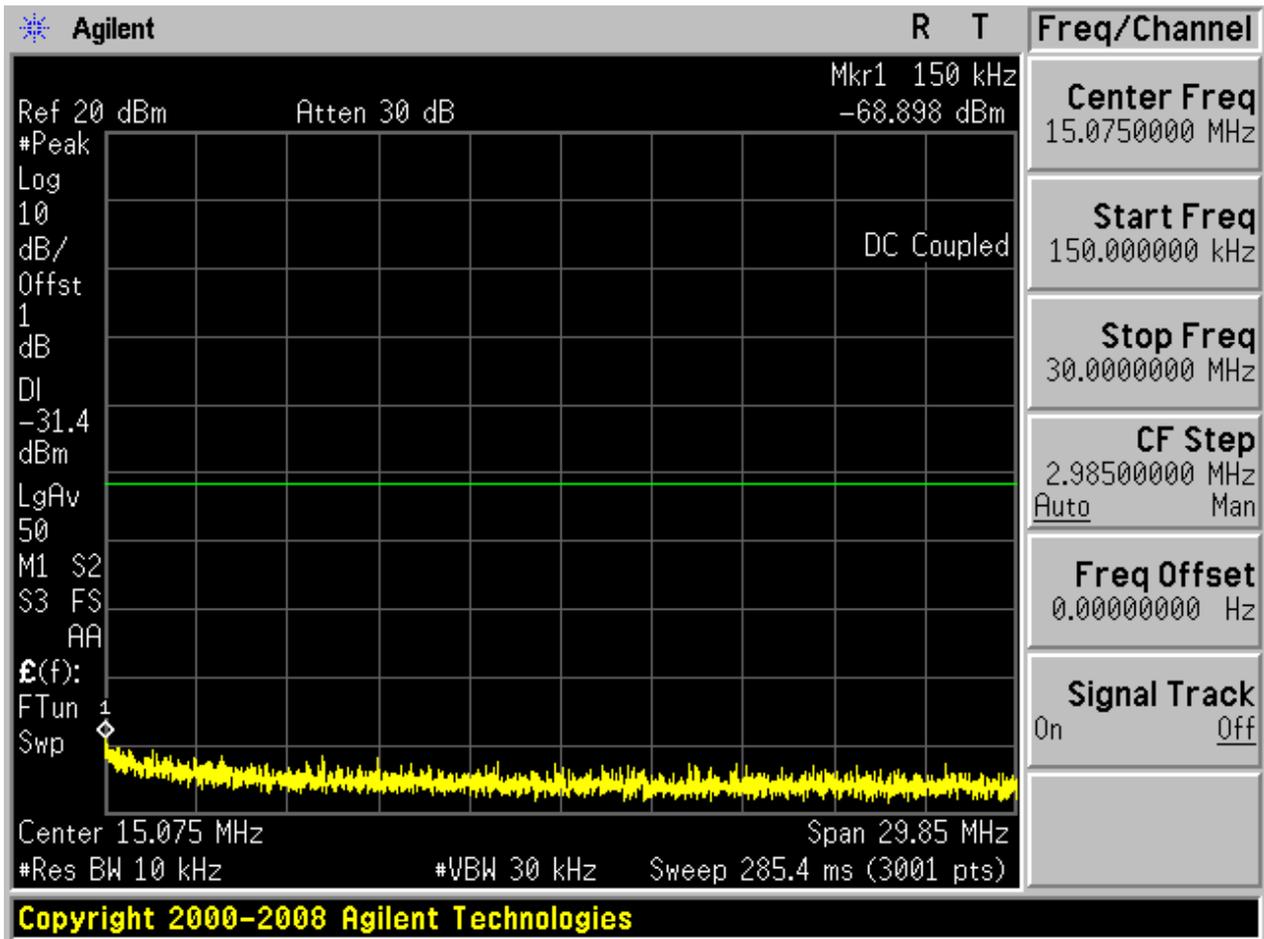
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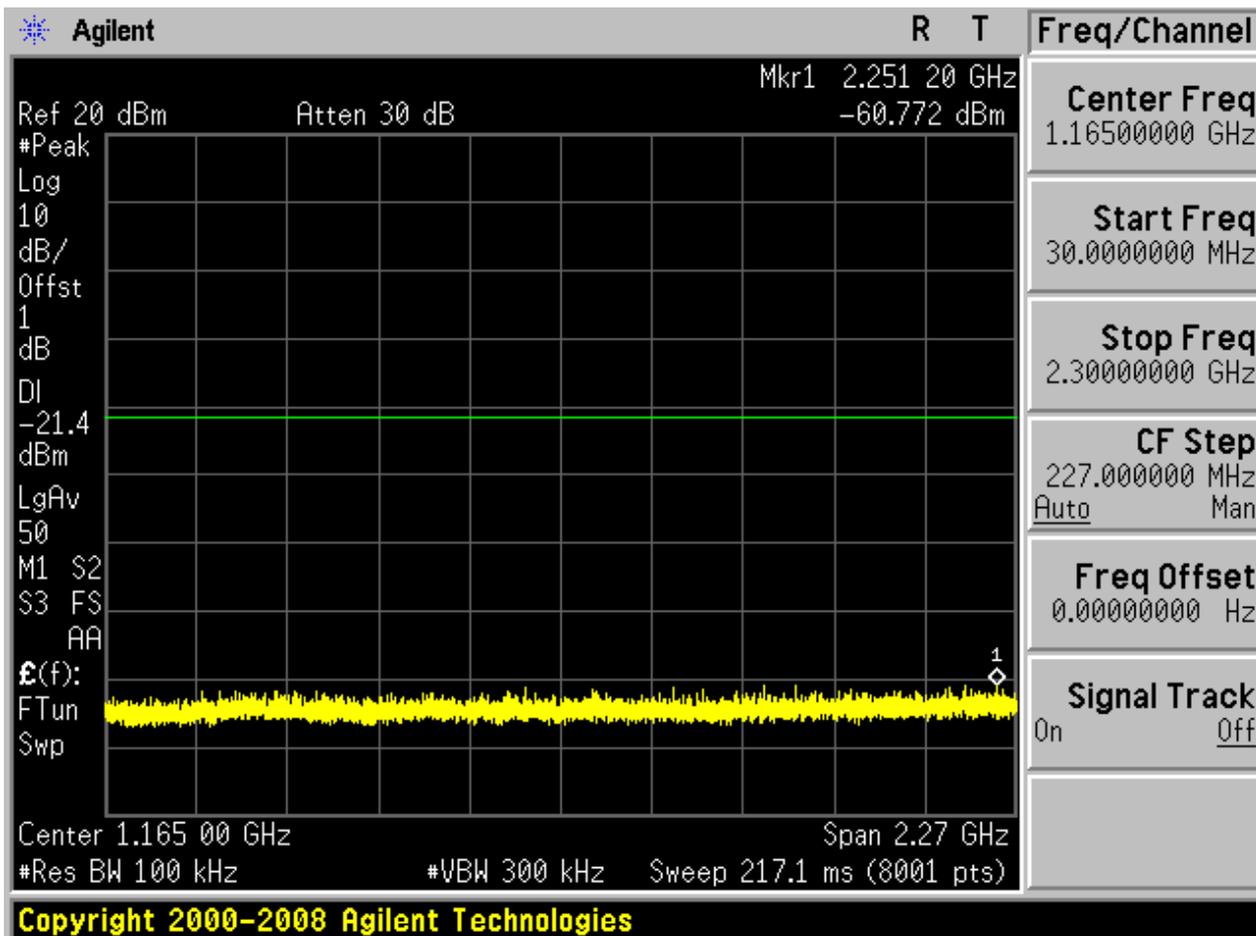


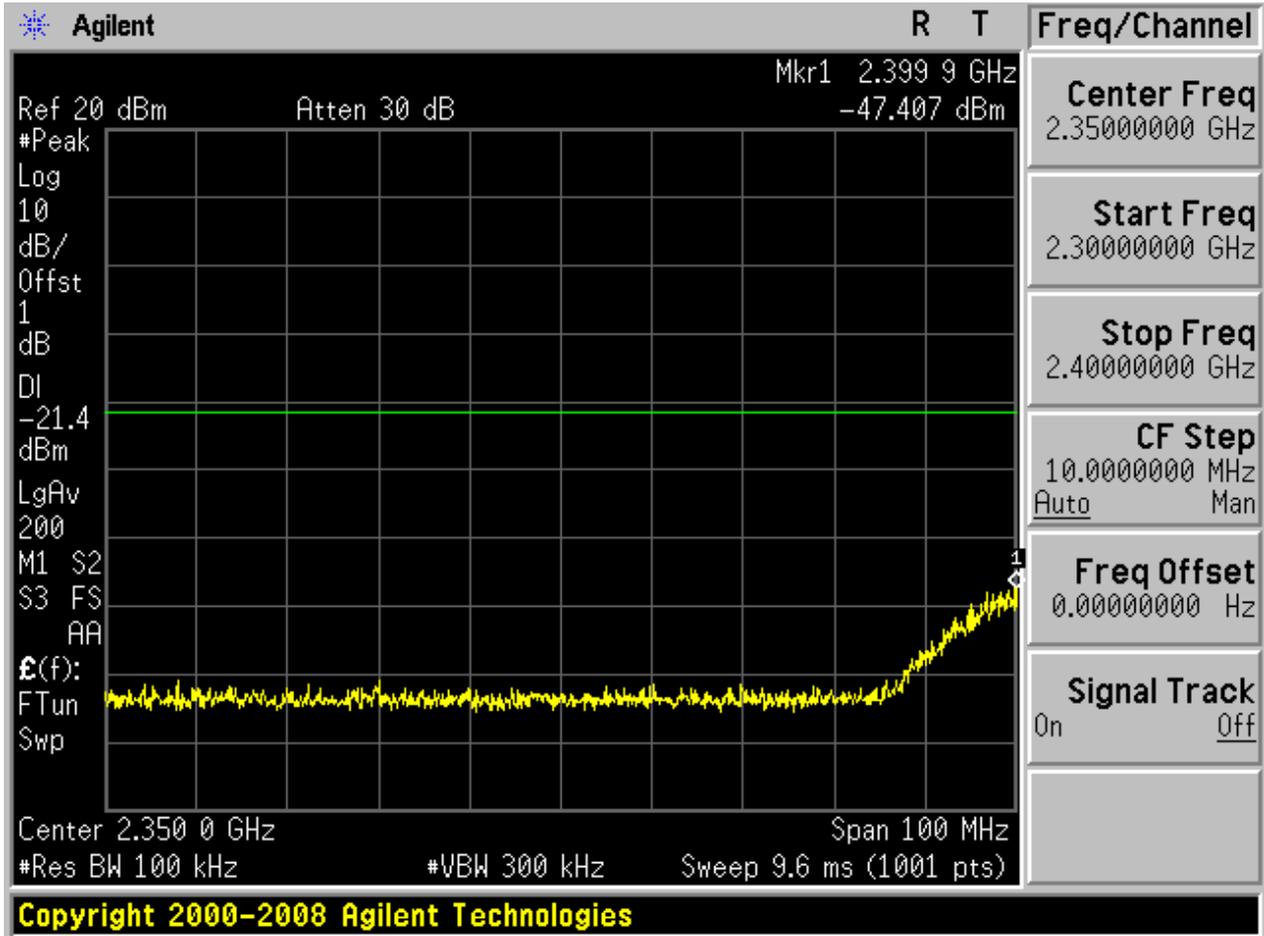


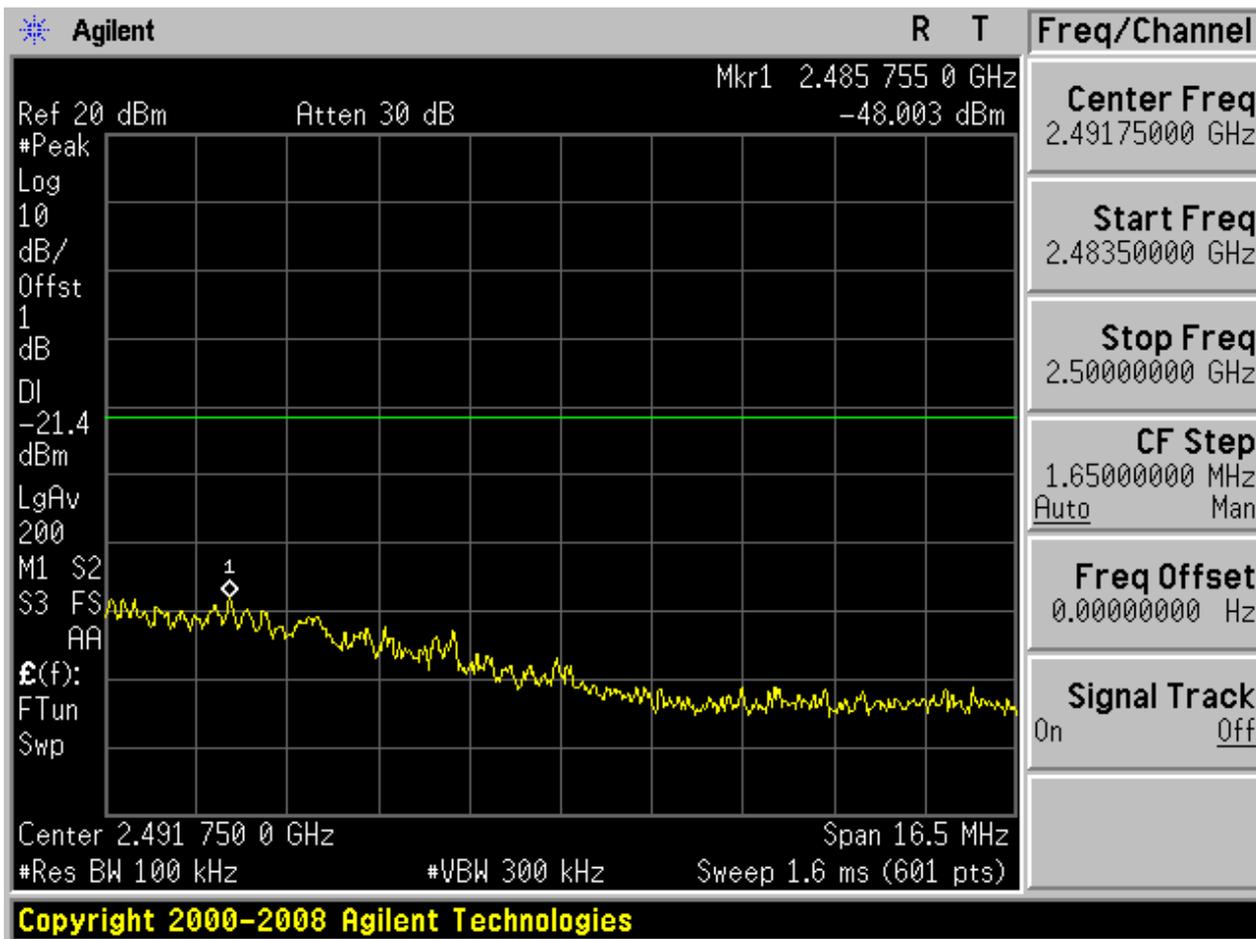
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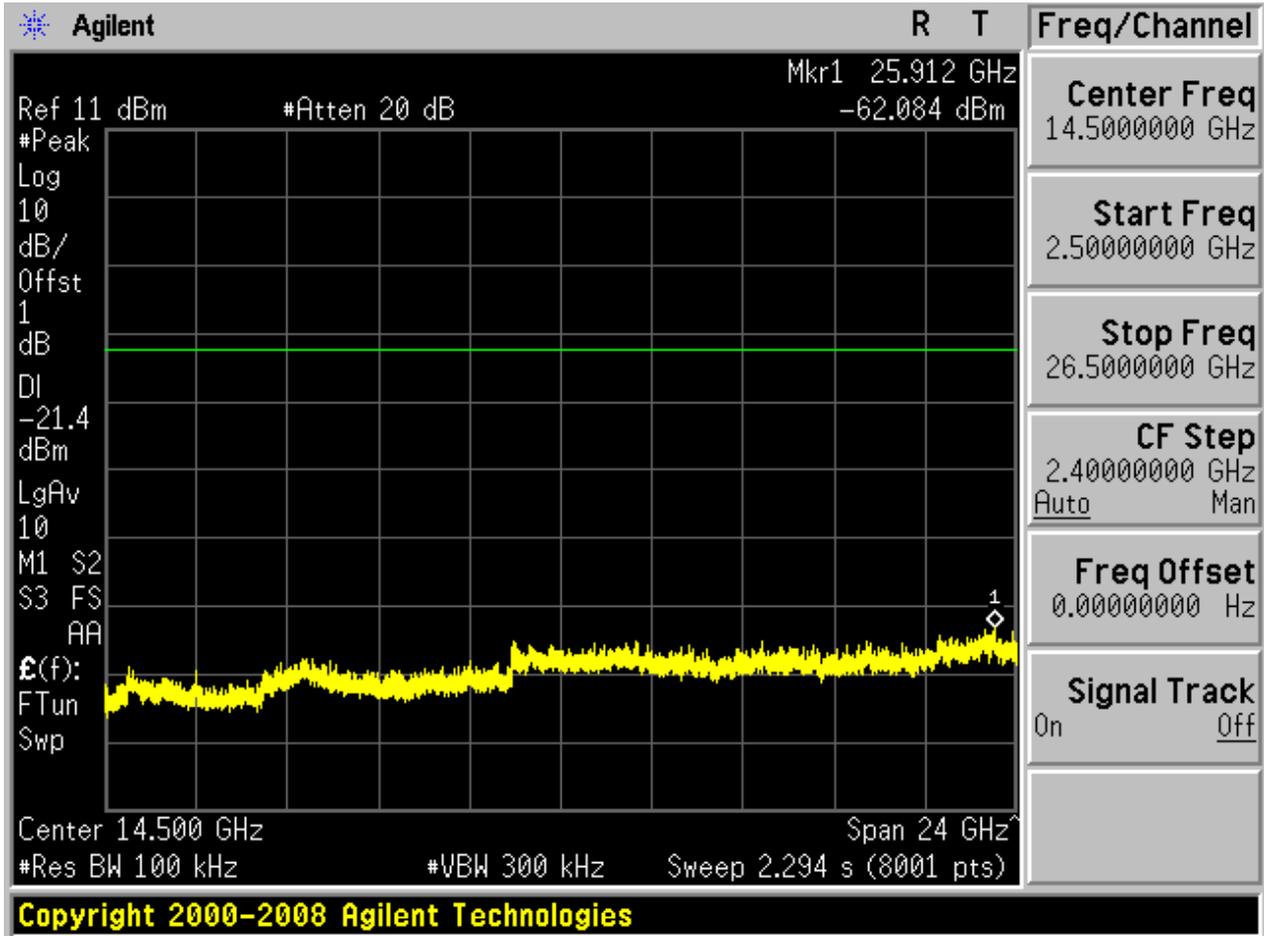








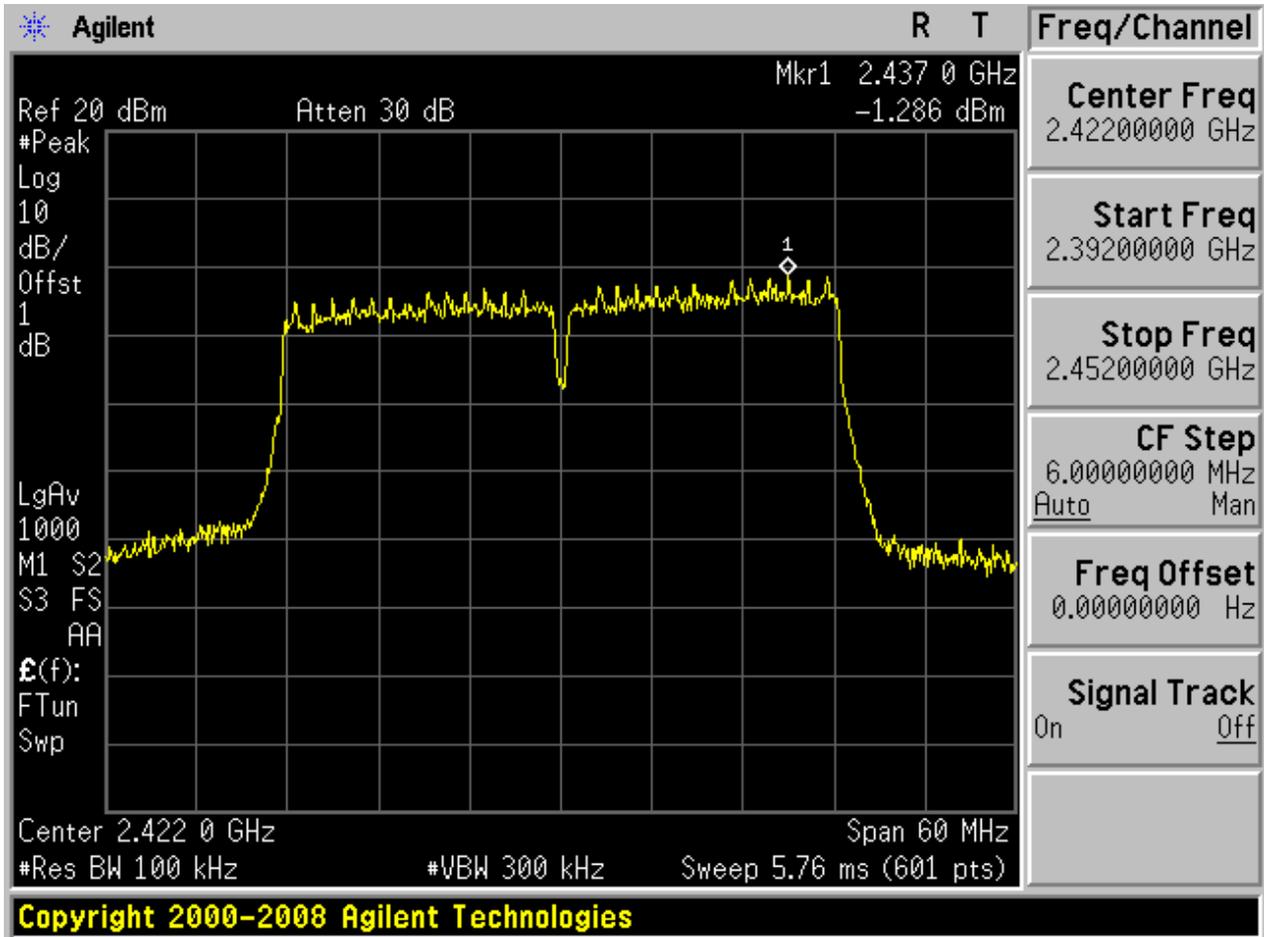






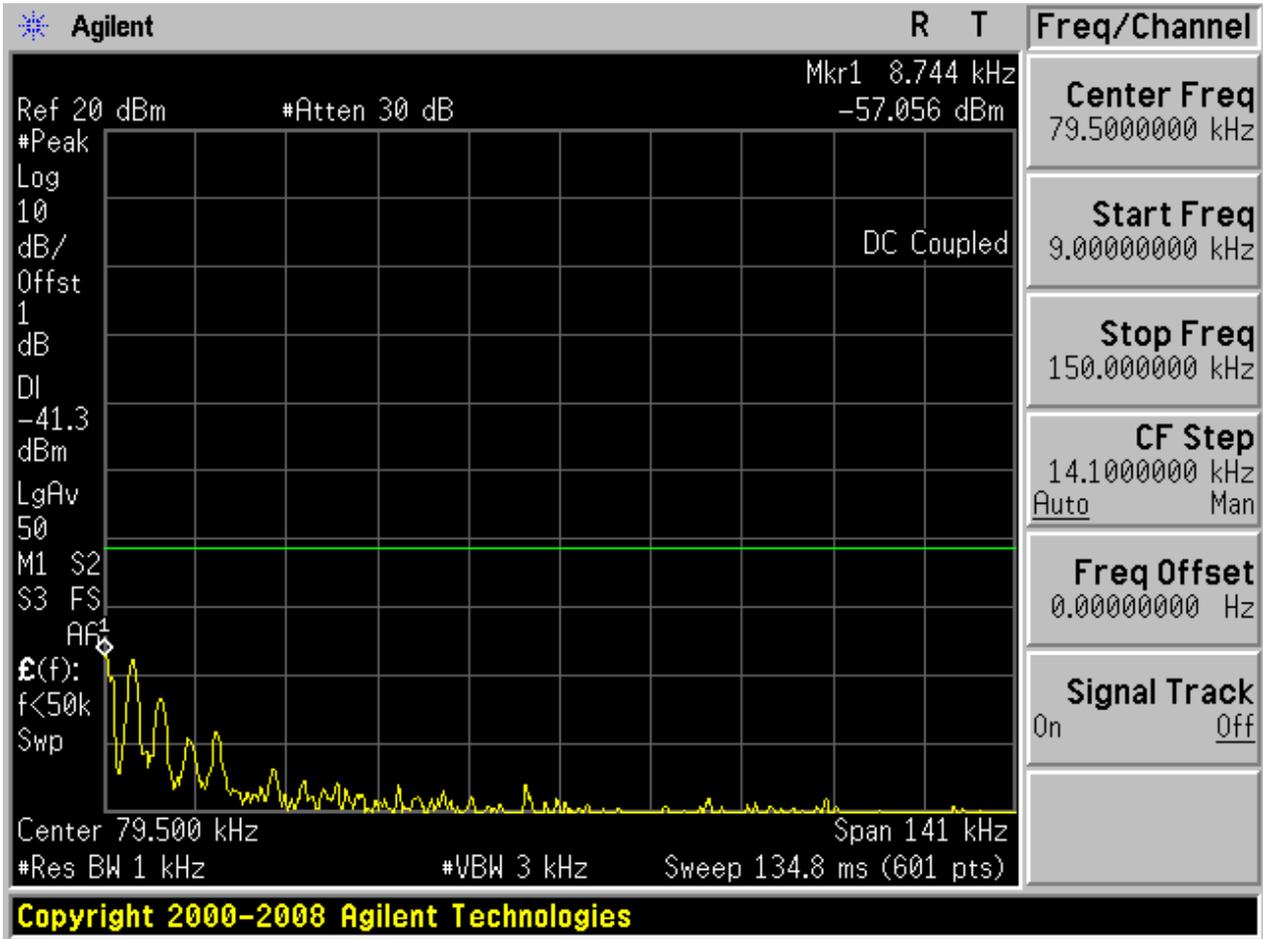
2.31 11N40m_L@Ant 1

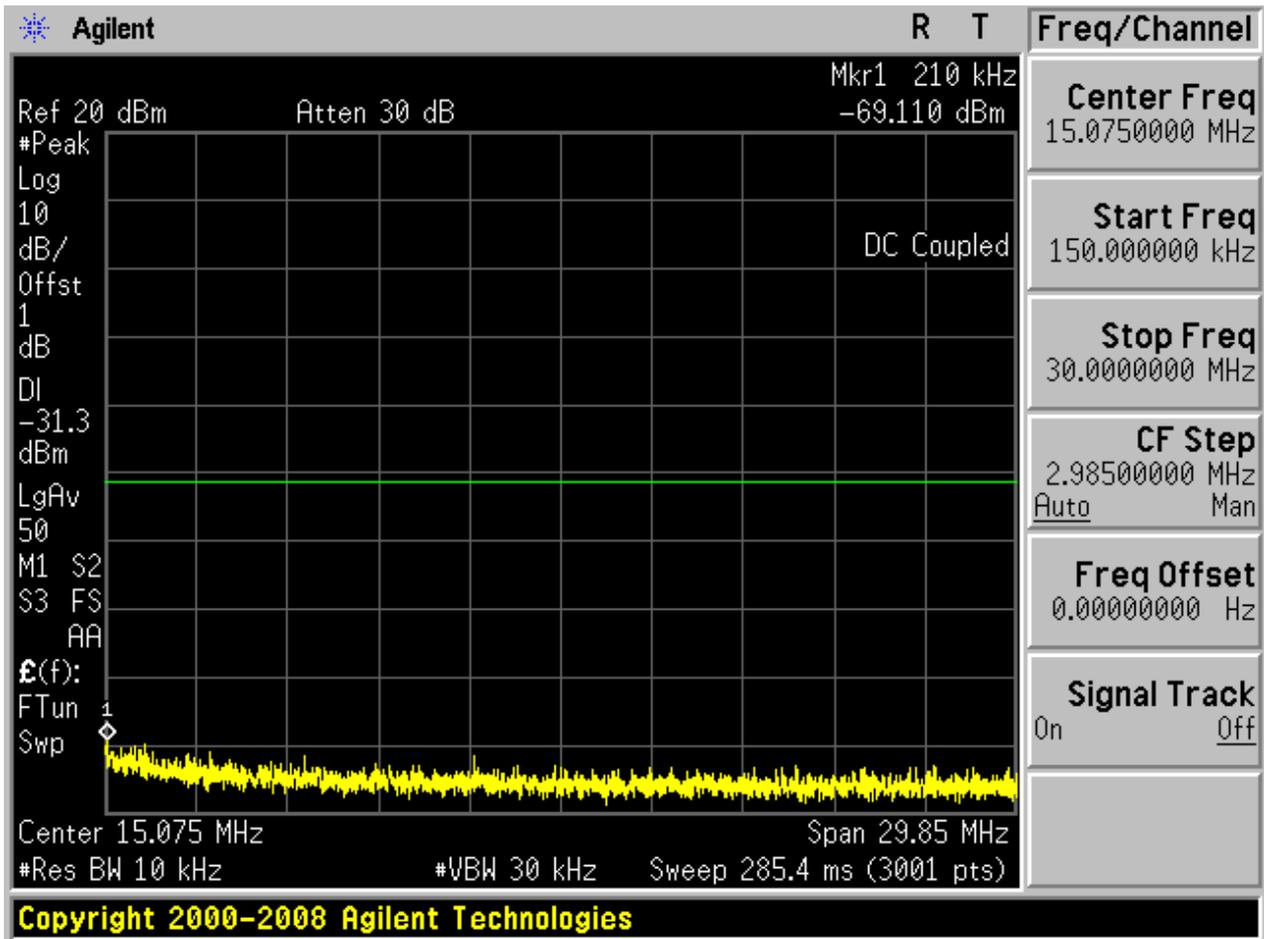
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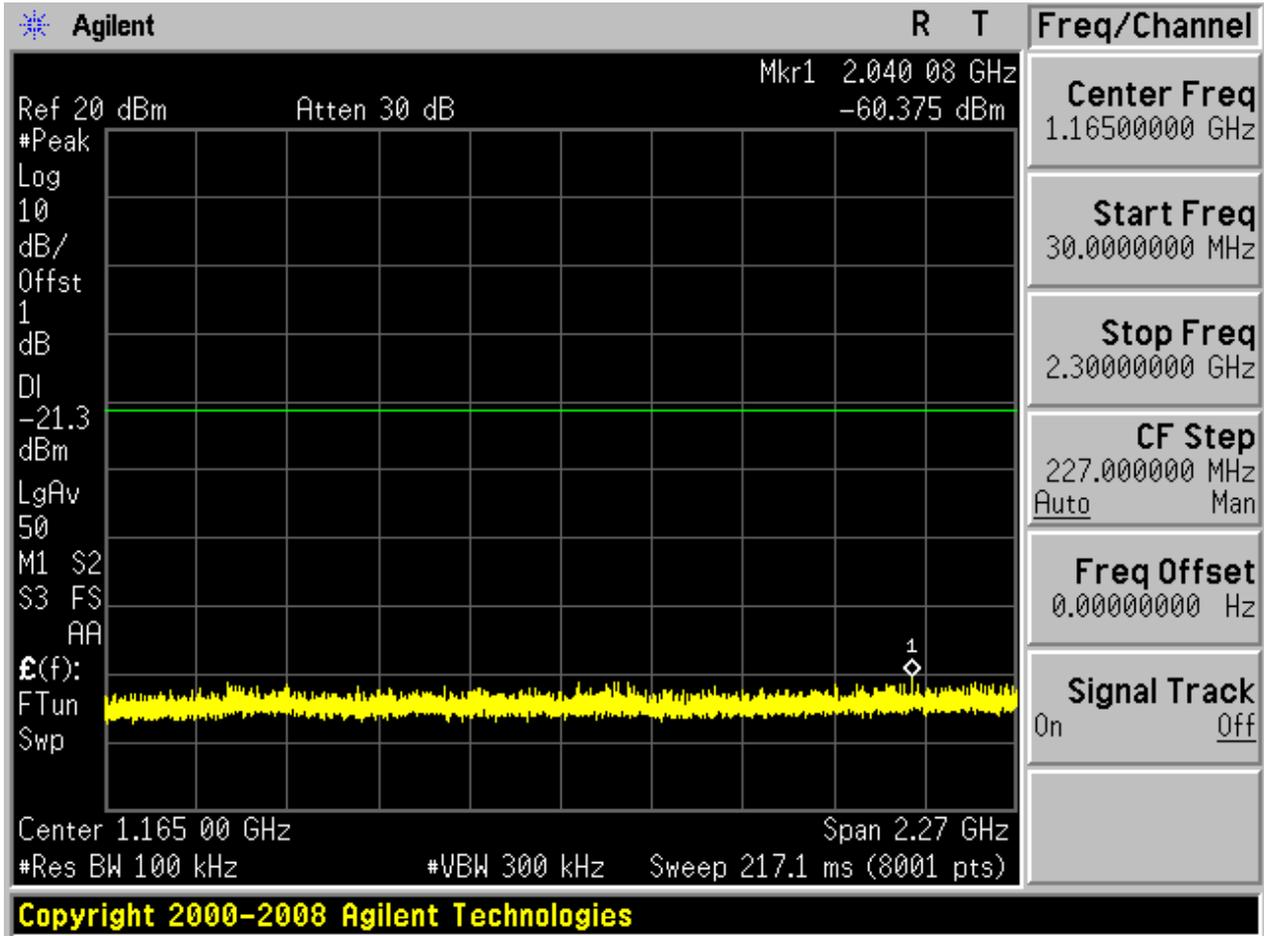


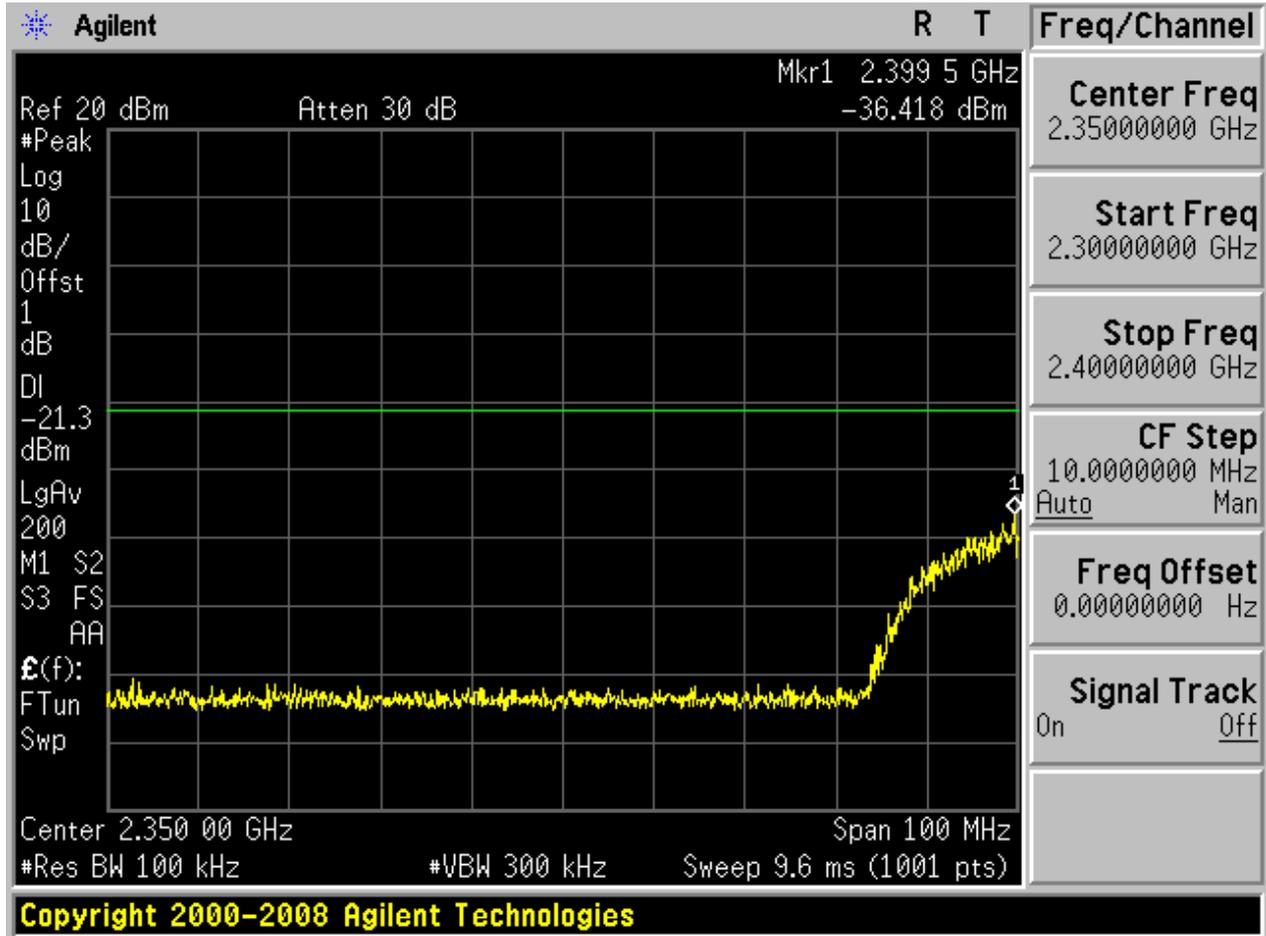


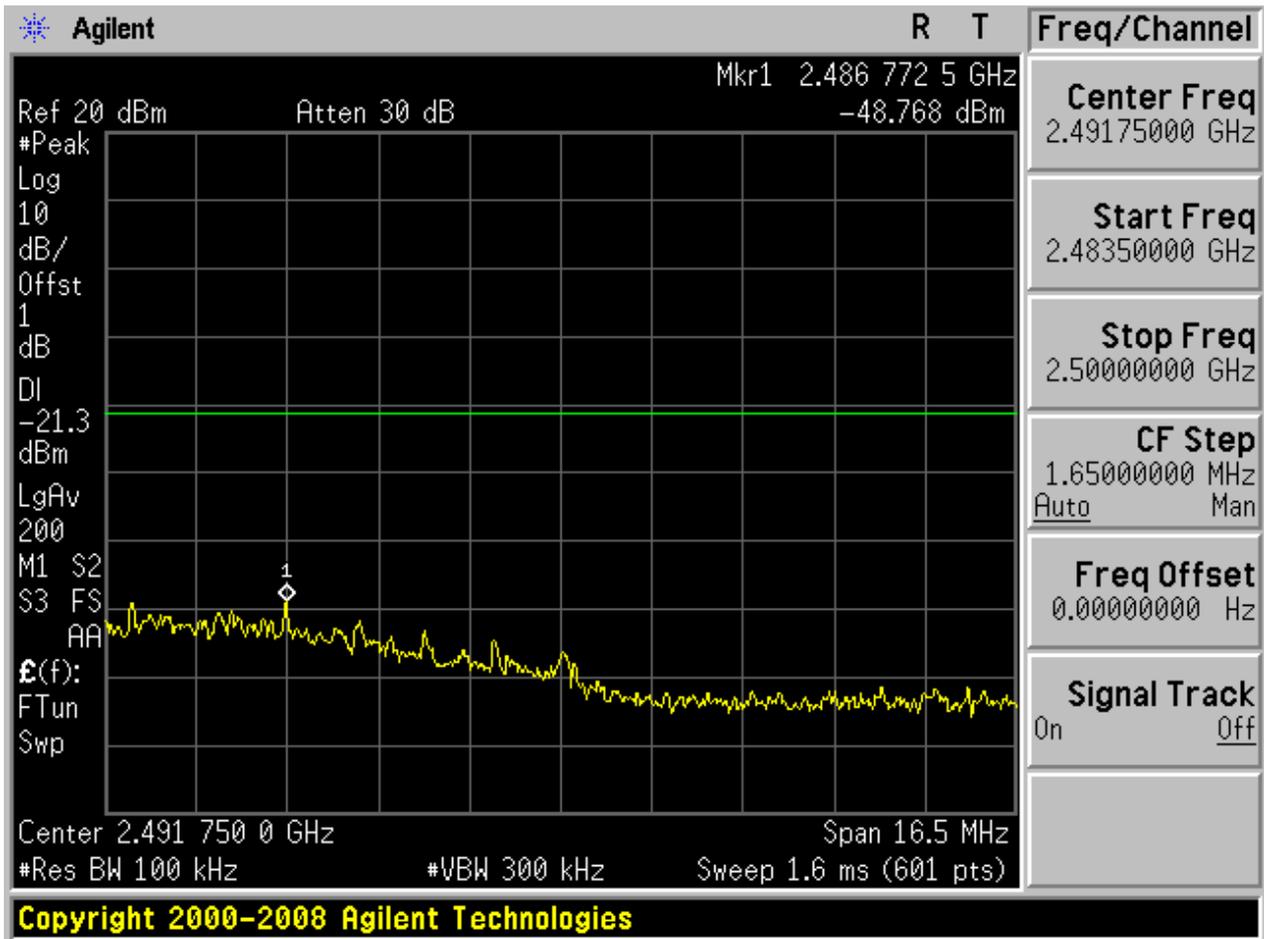
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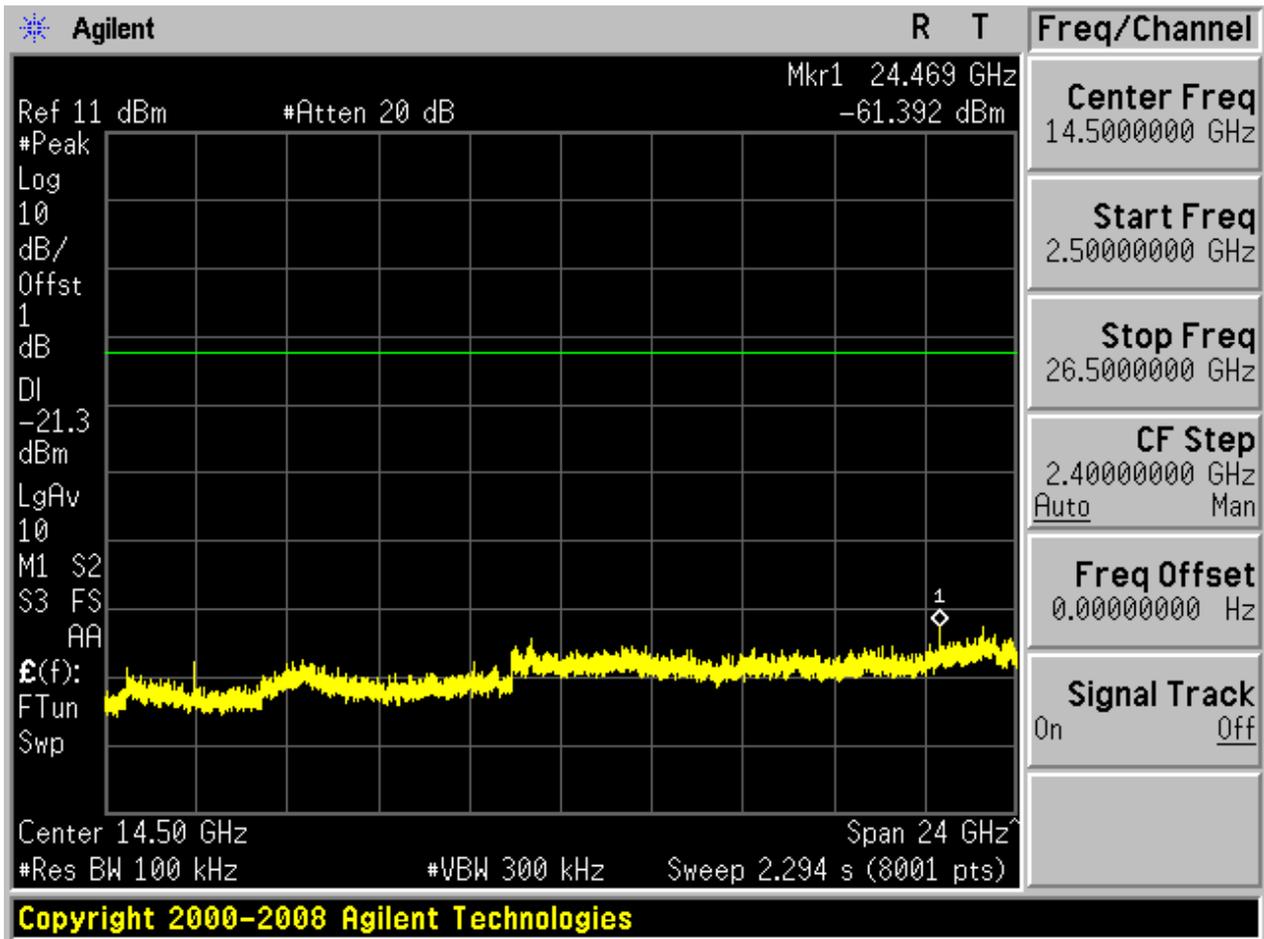








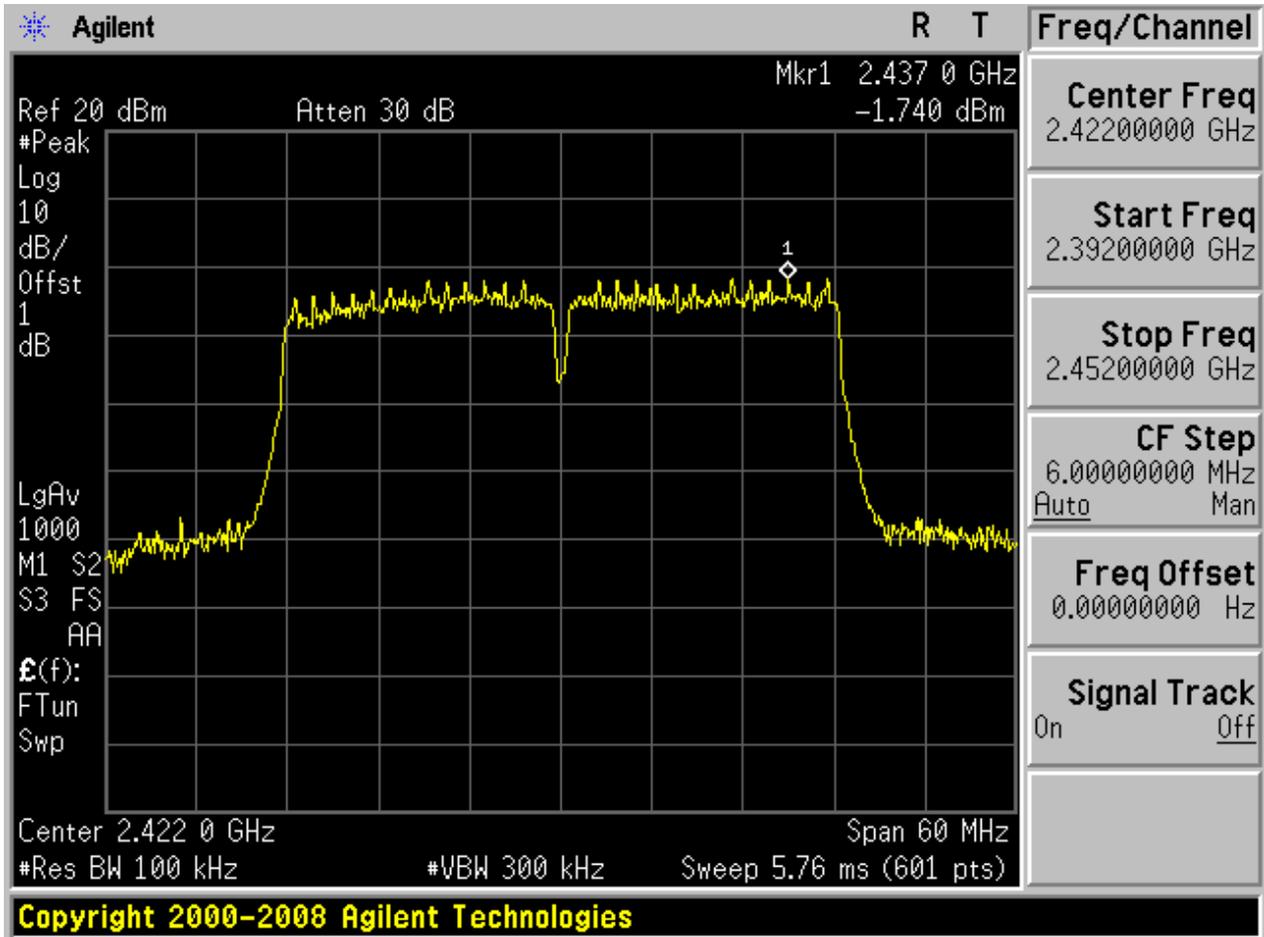






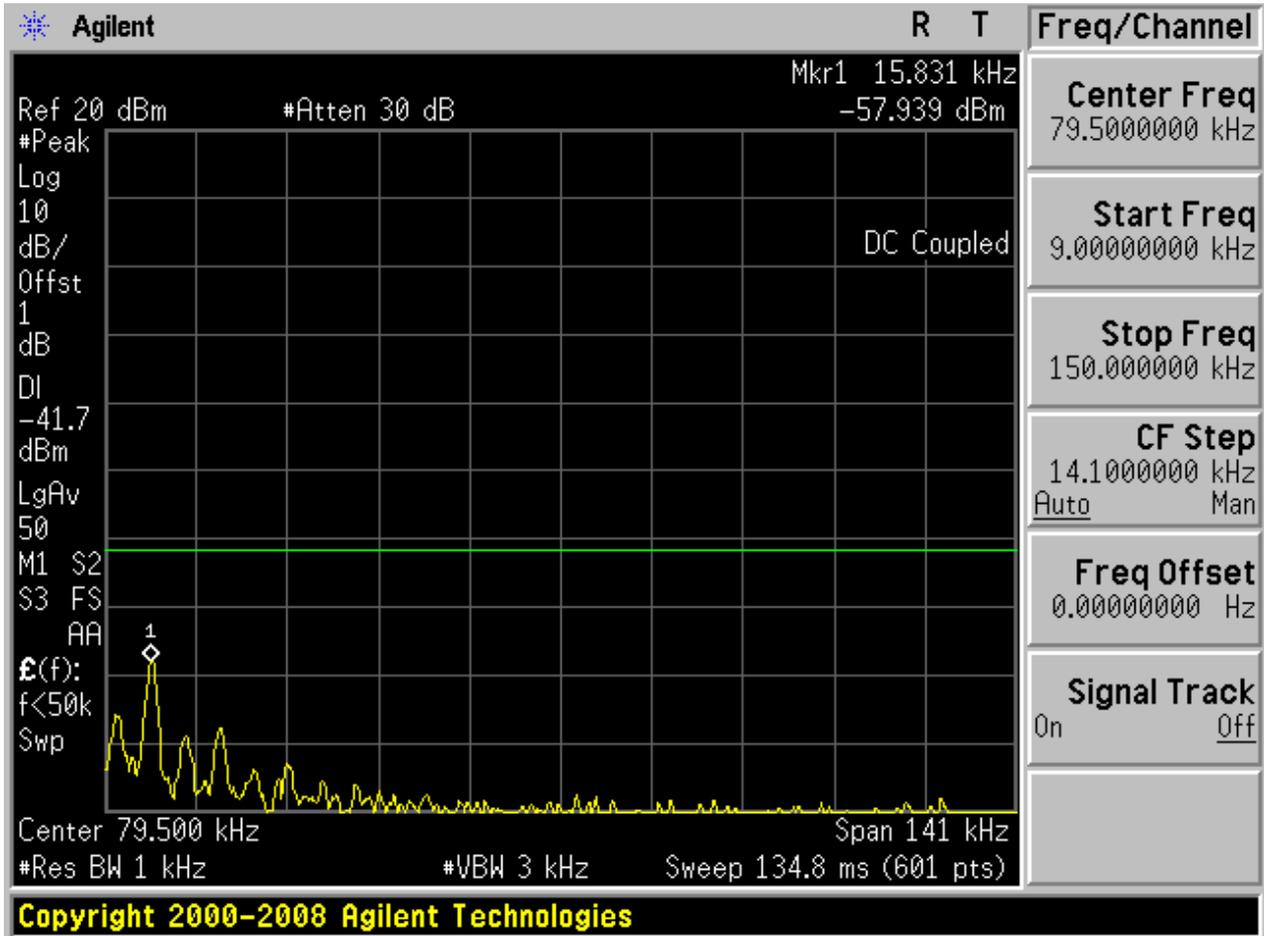
2.32 11N40m_L@Ant 2

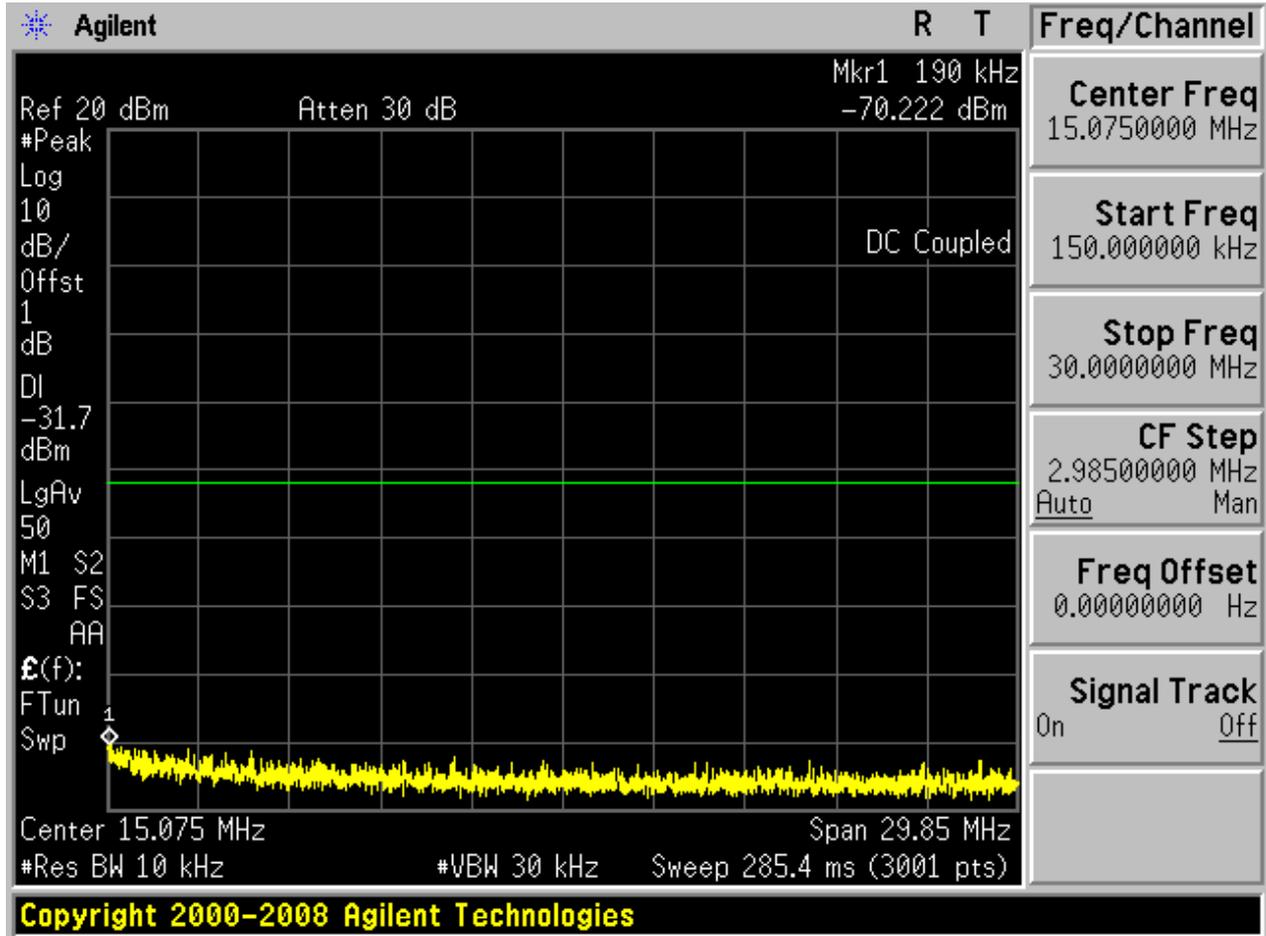
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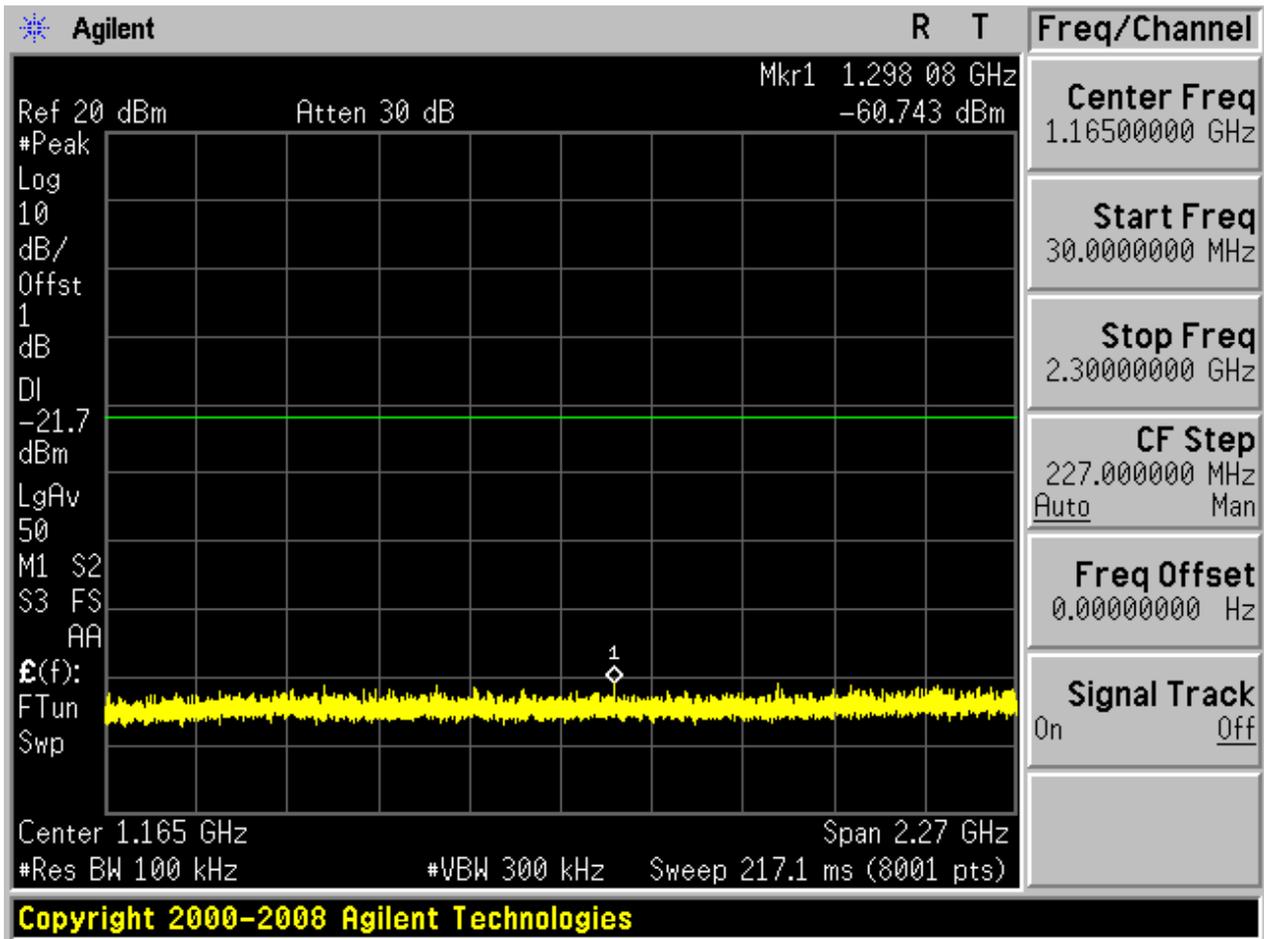


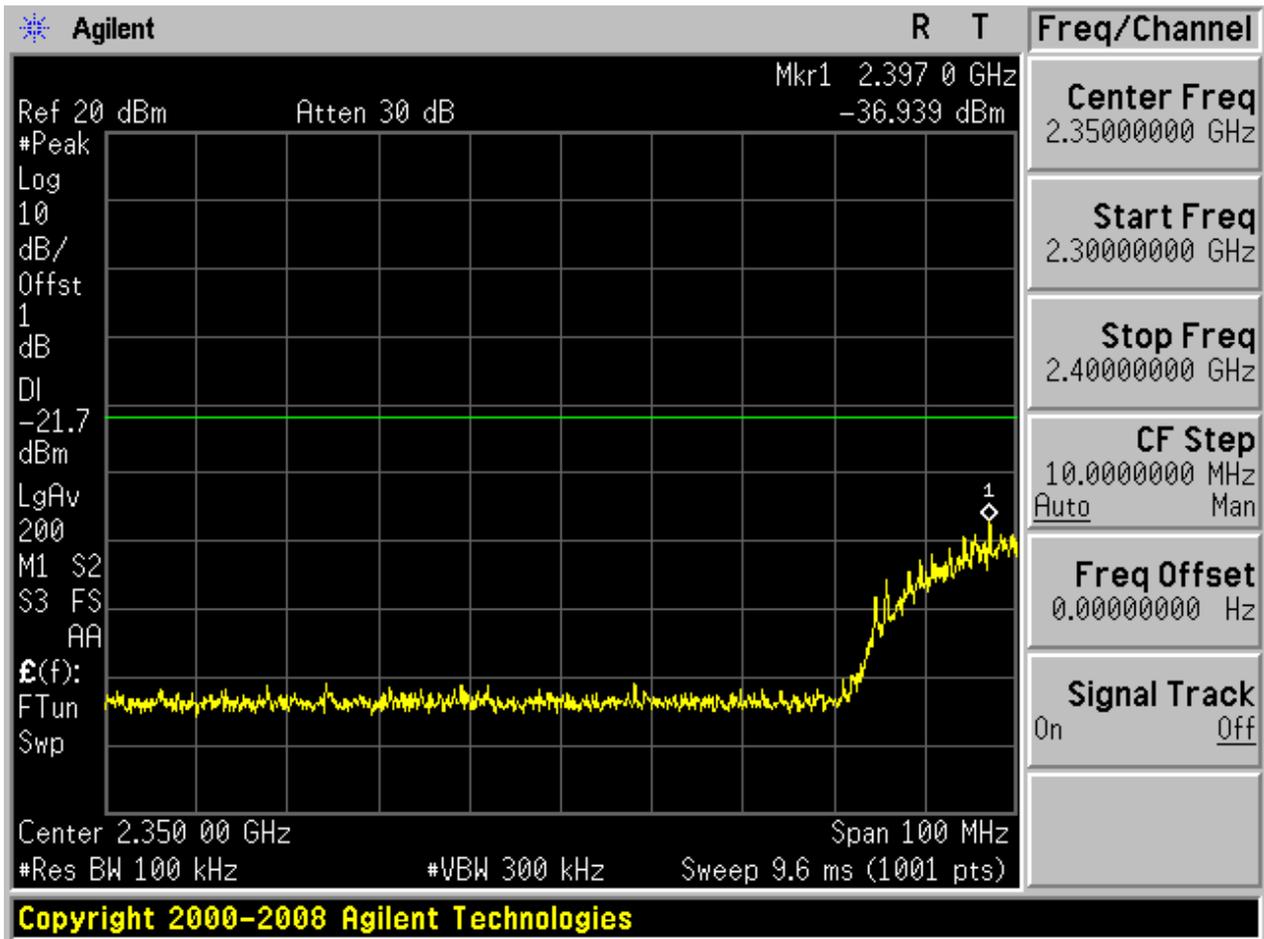


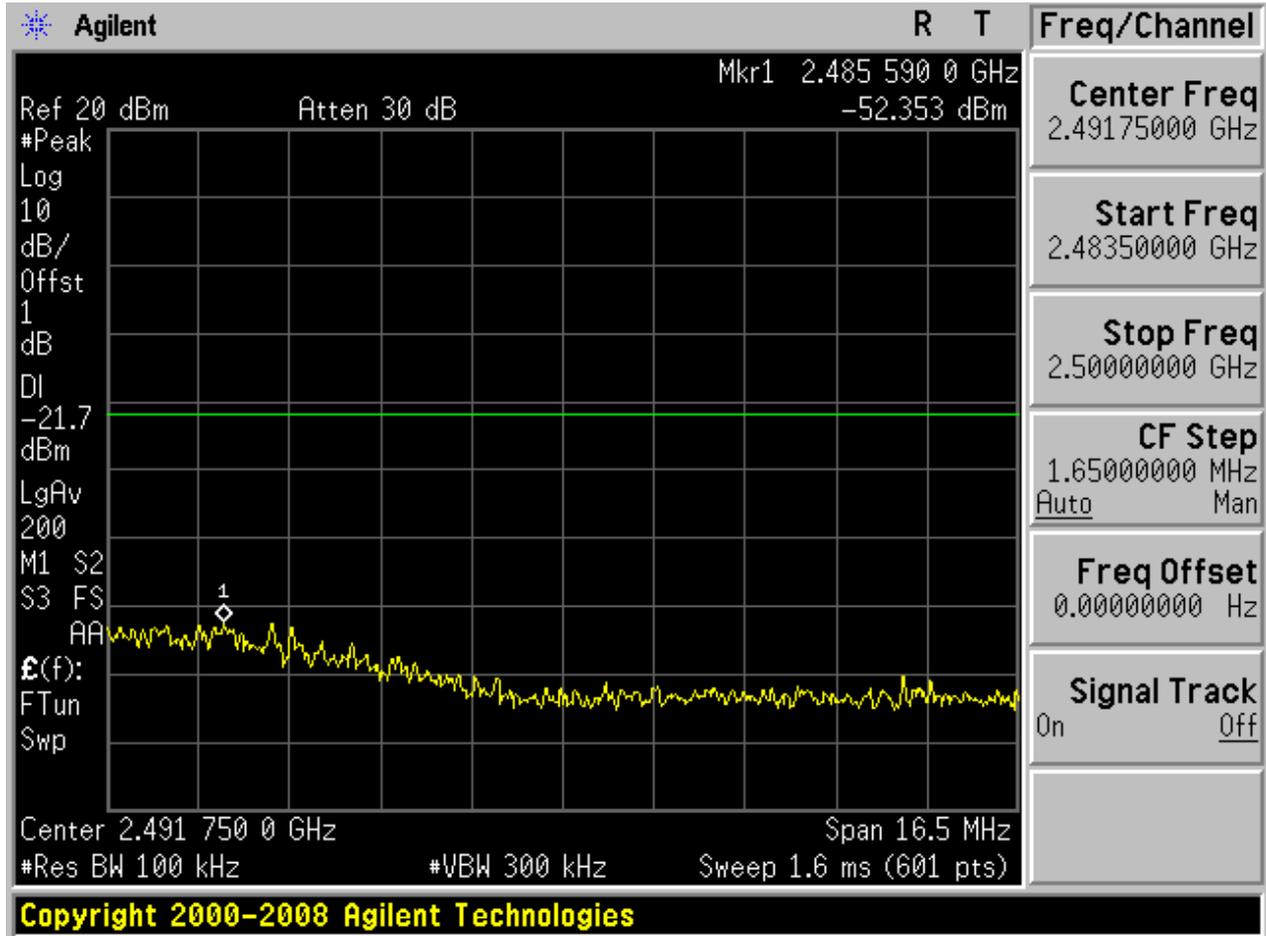
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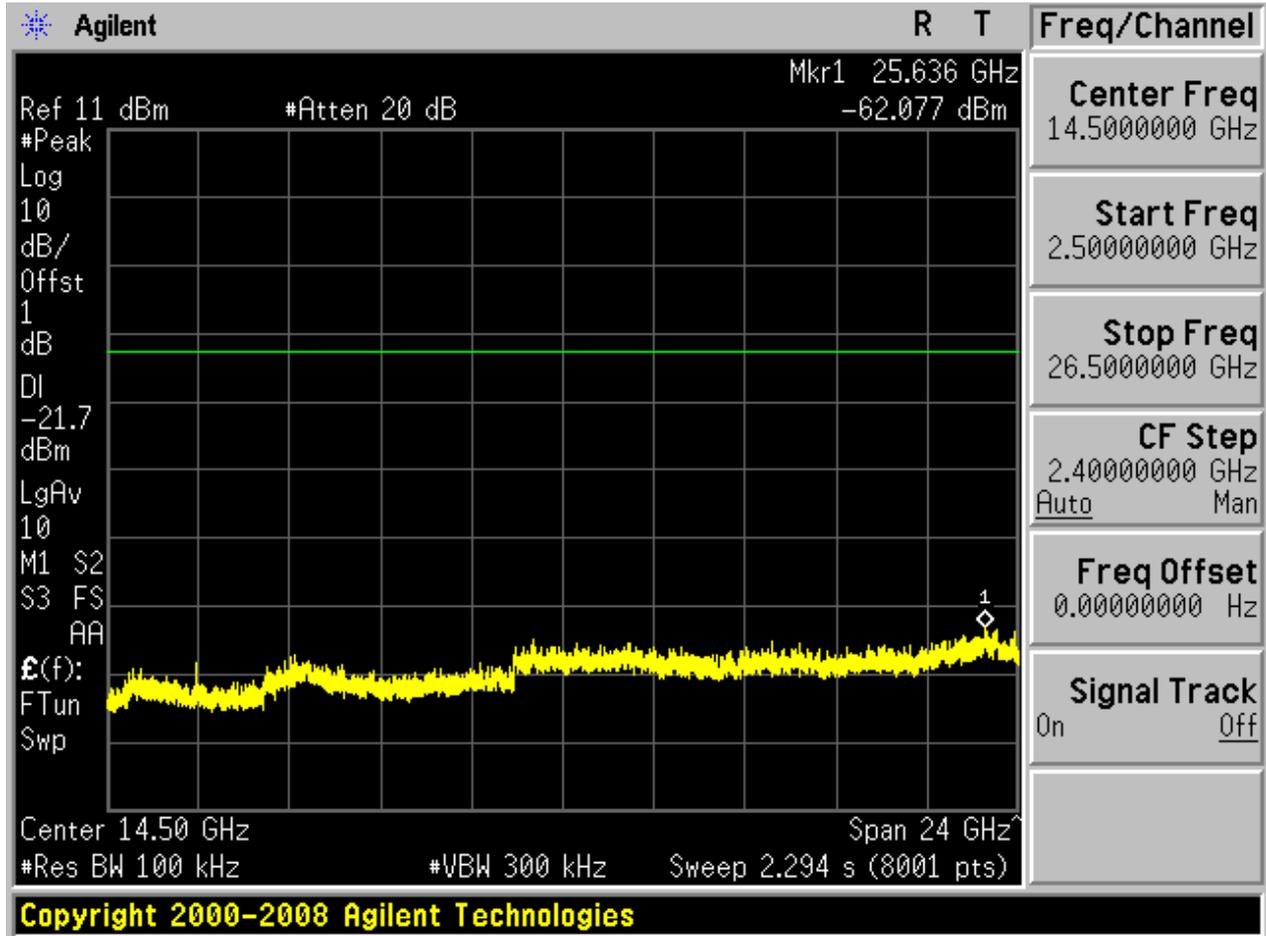








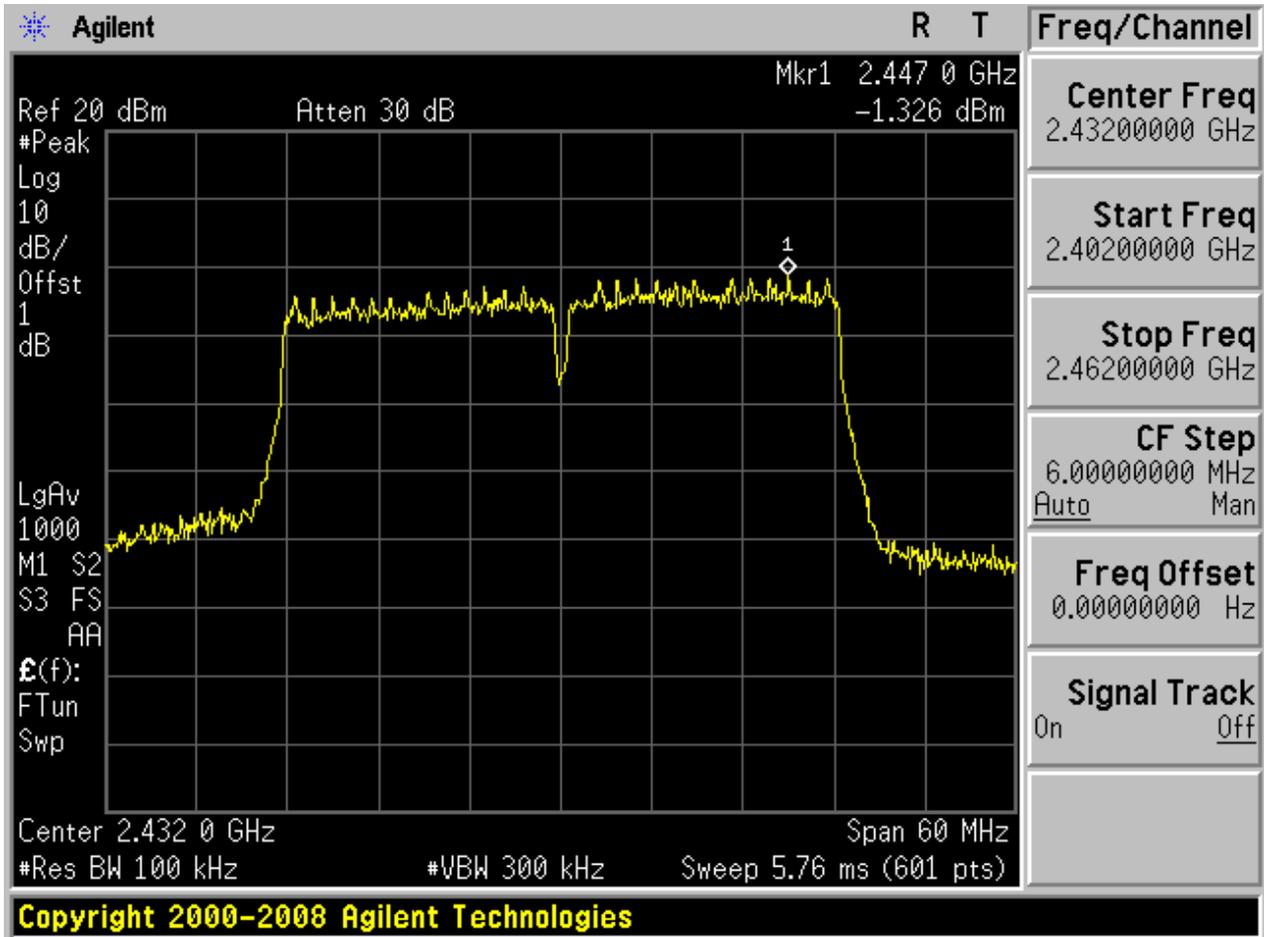






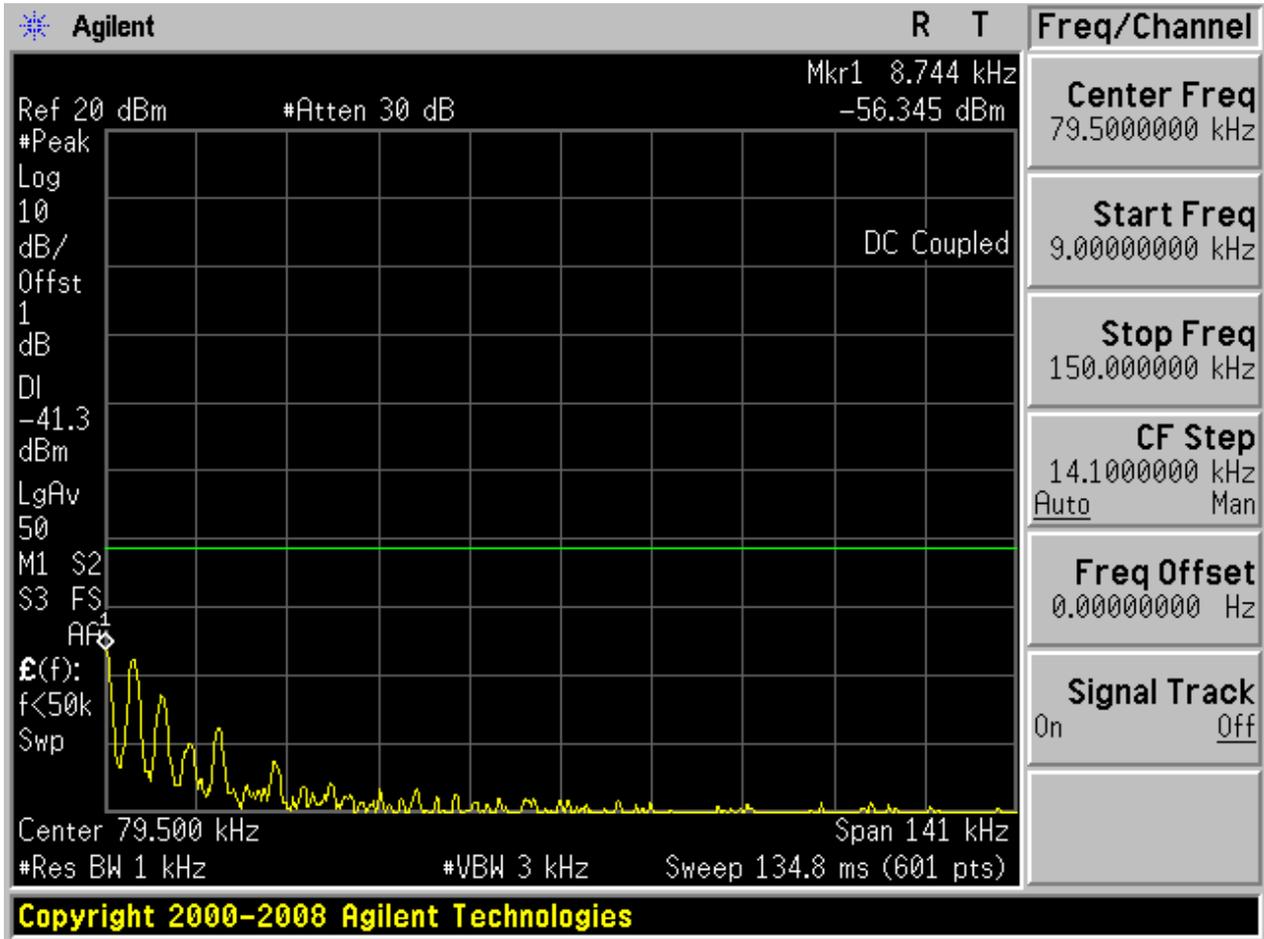
2.33 11N40m_M@Ant 1

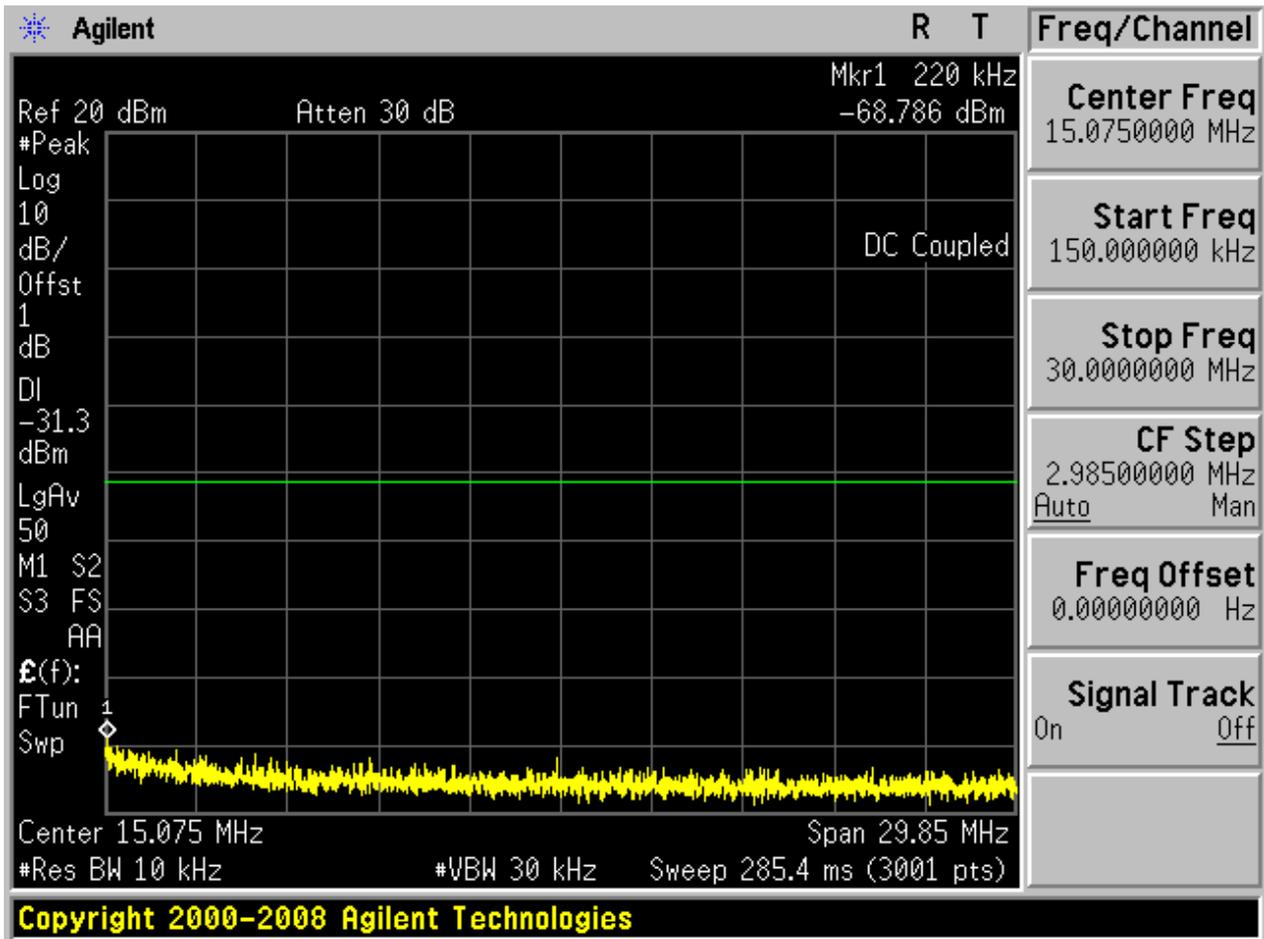
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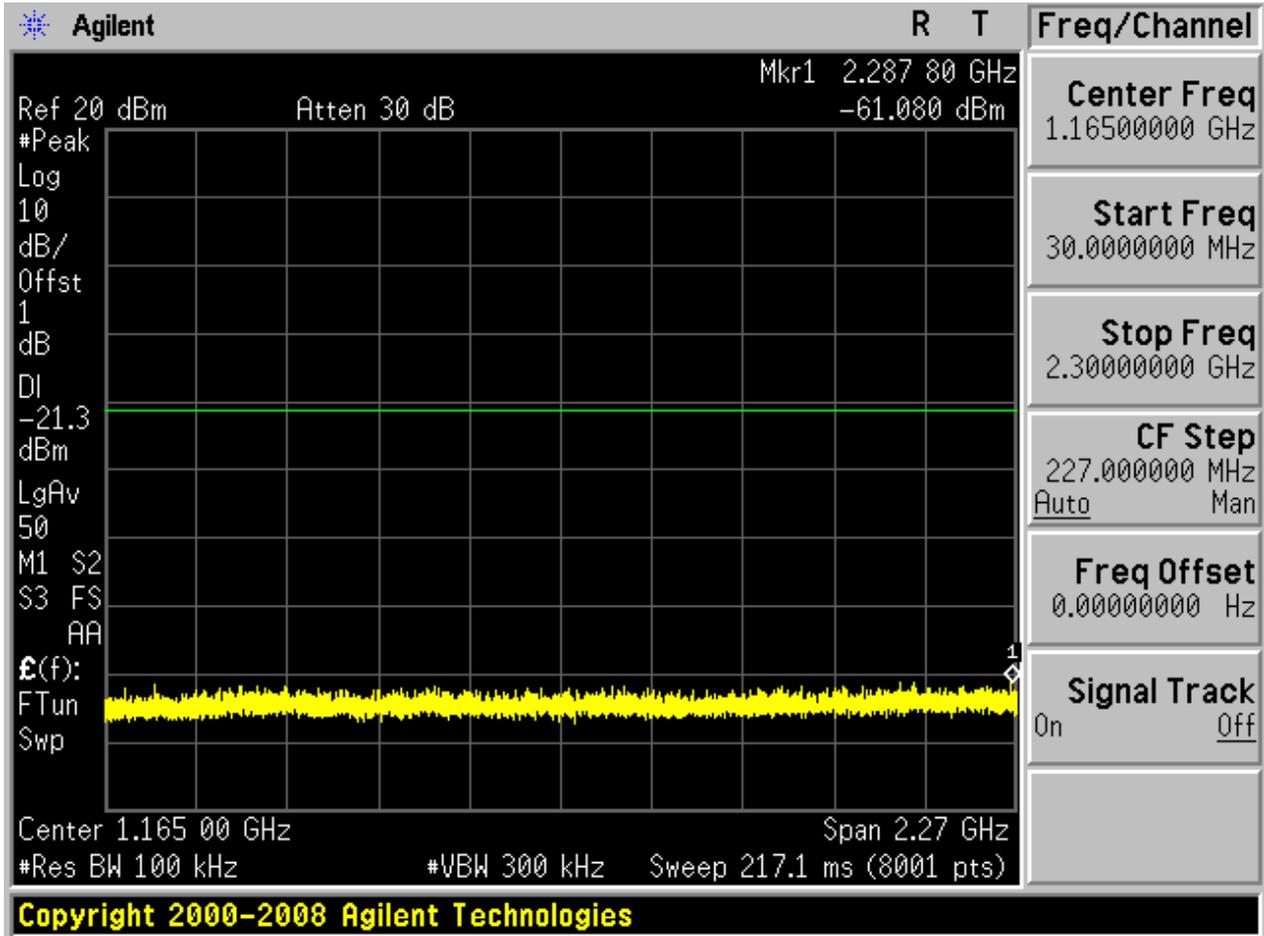


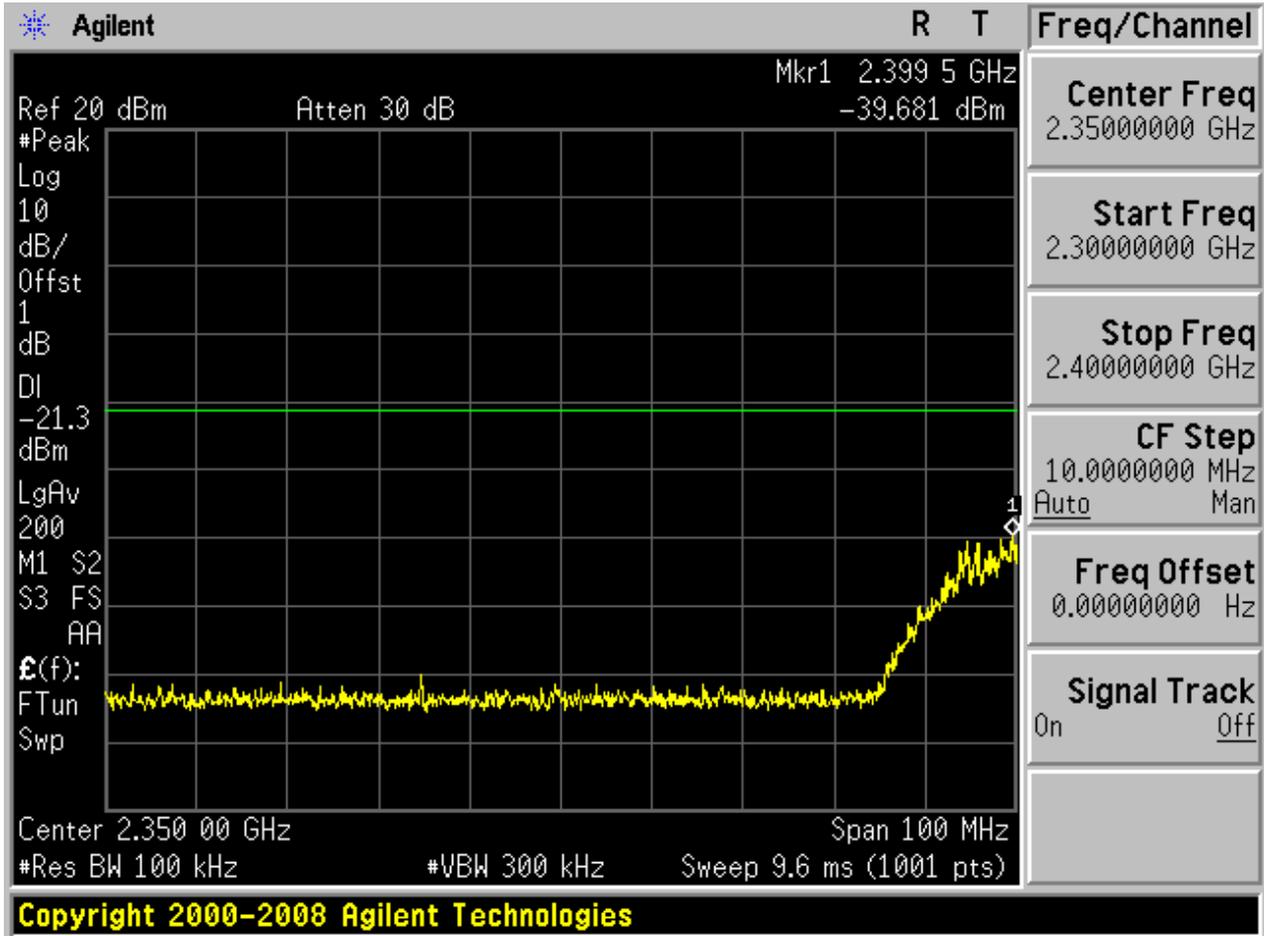


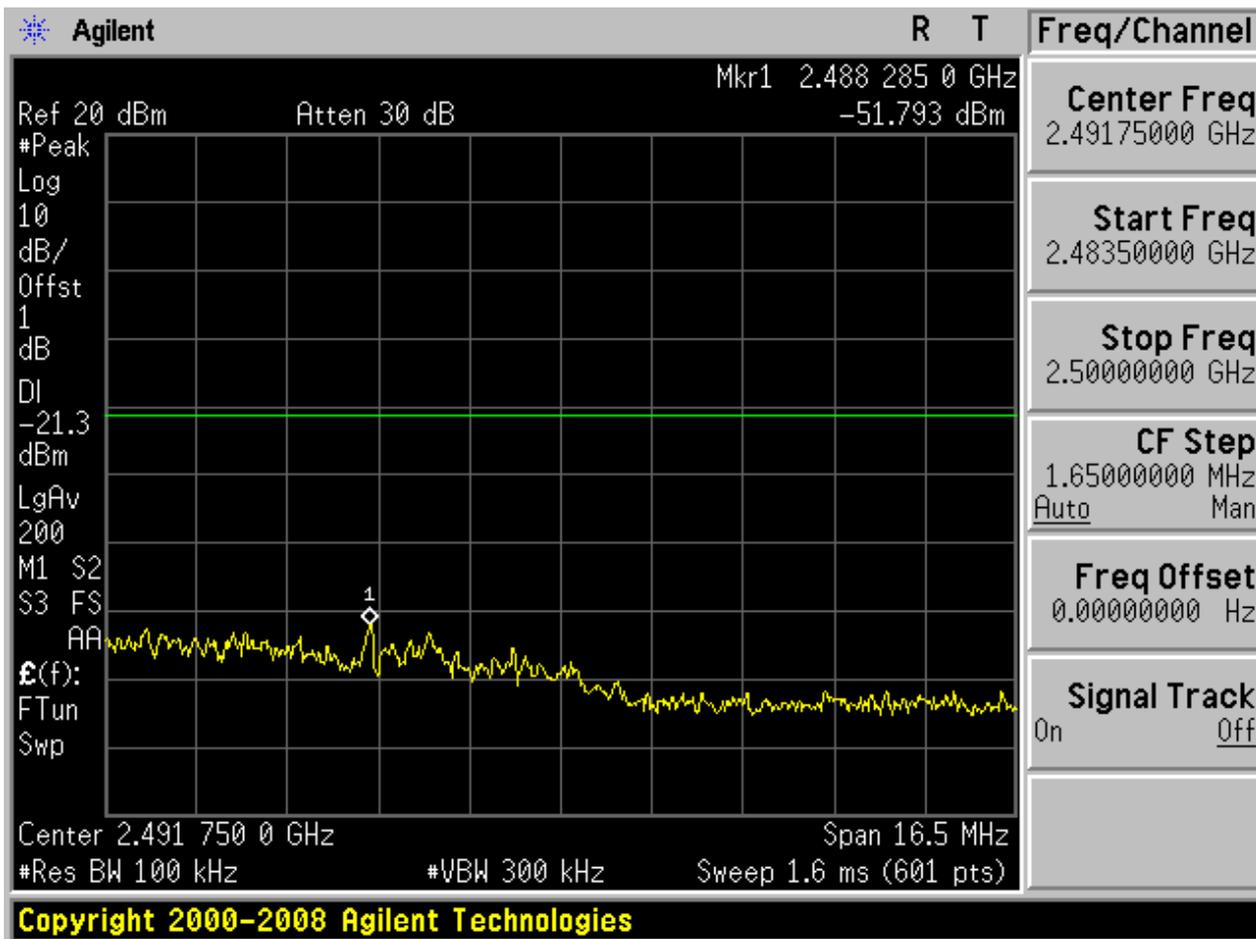
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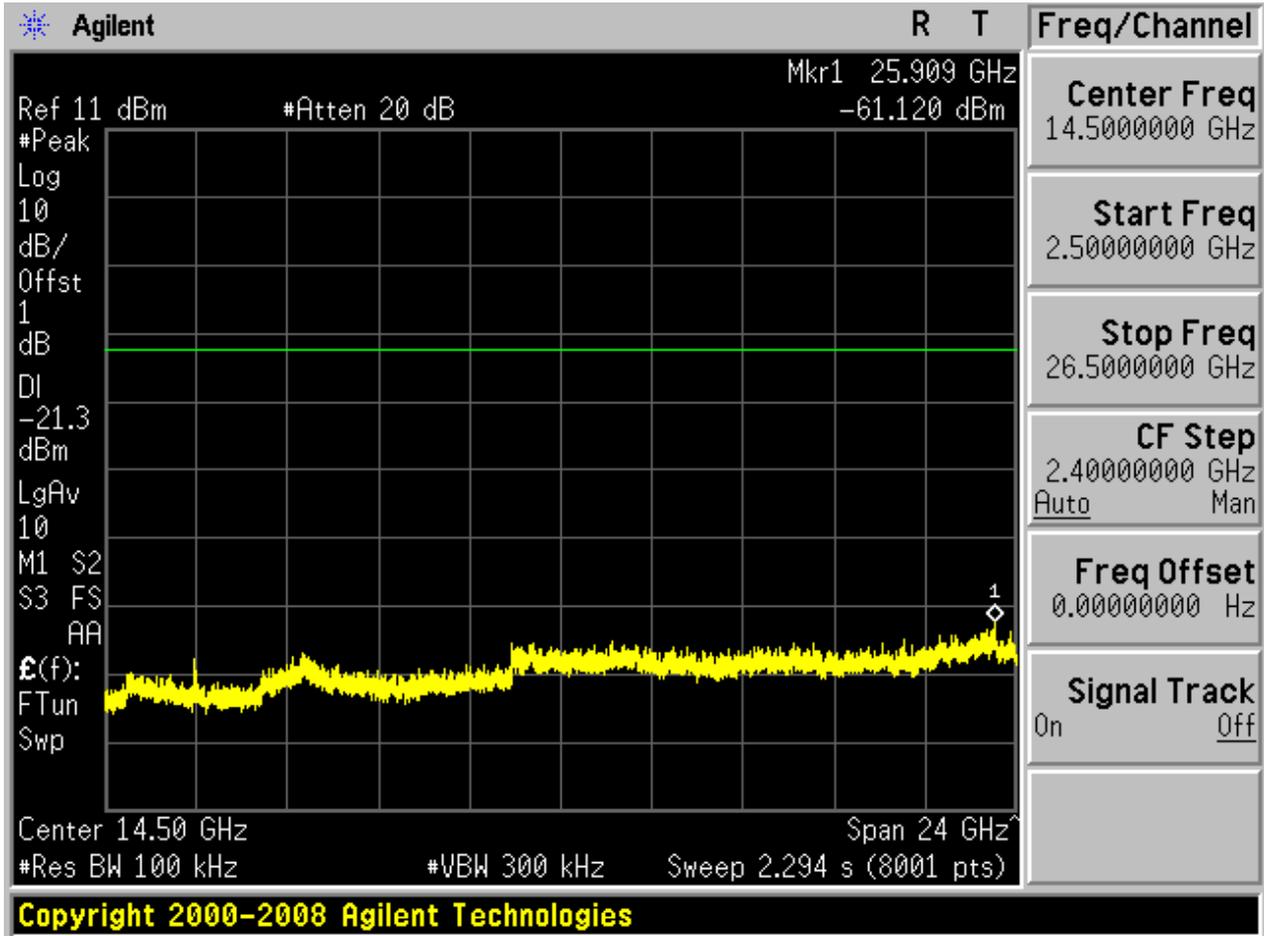








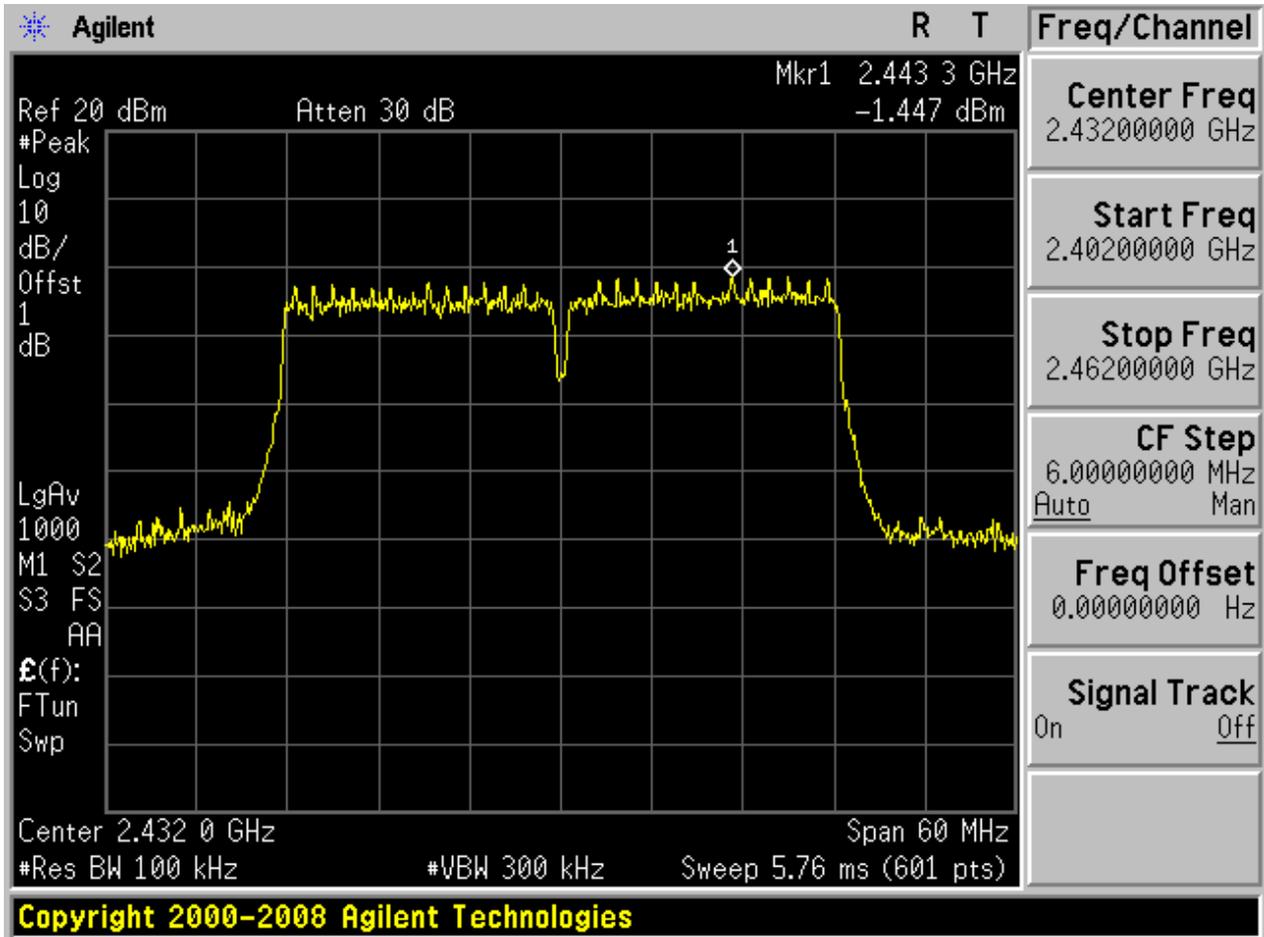






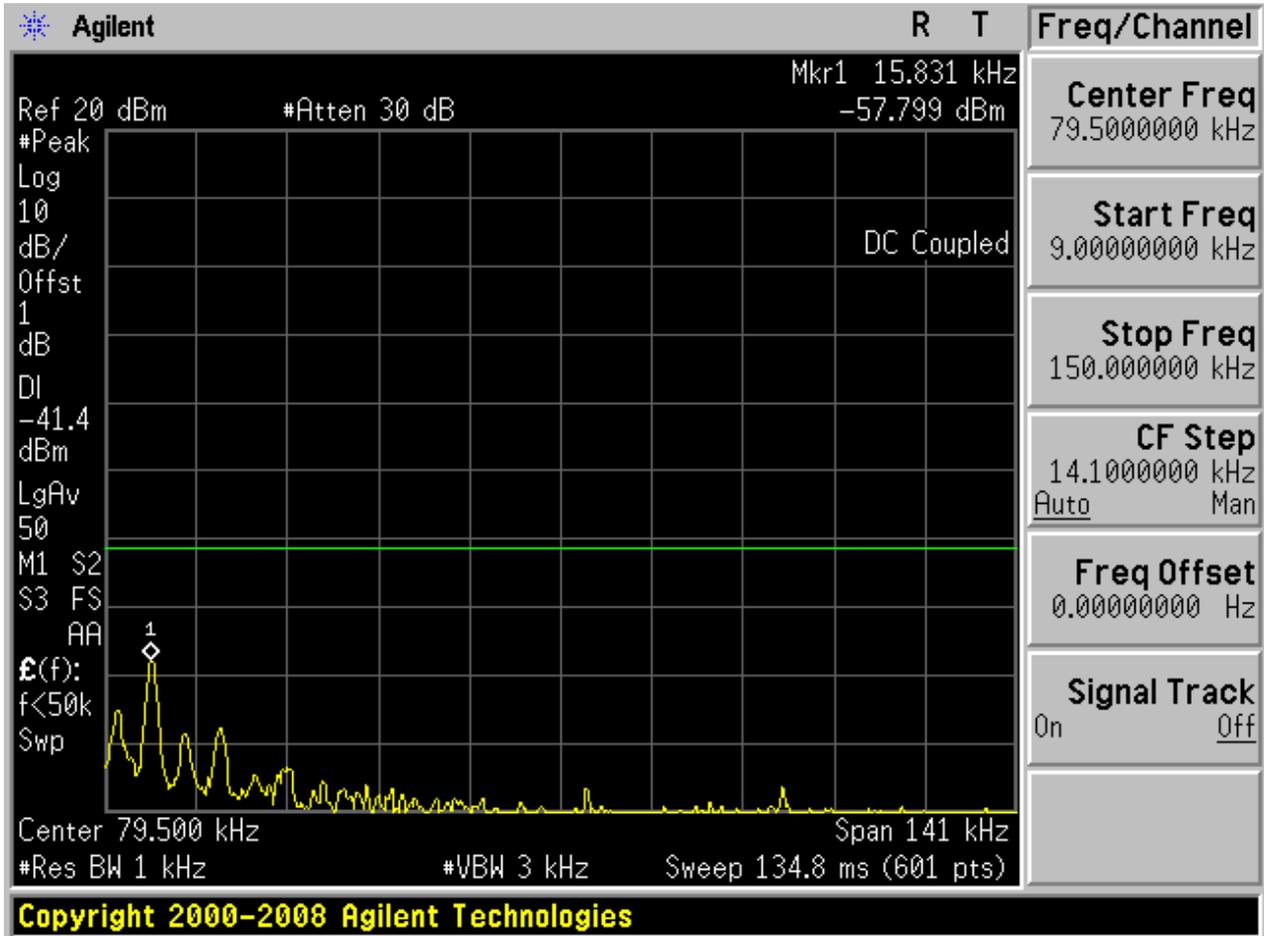
2.34 11N40m_M@Ant 2

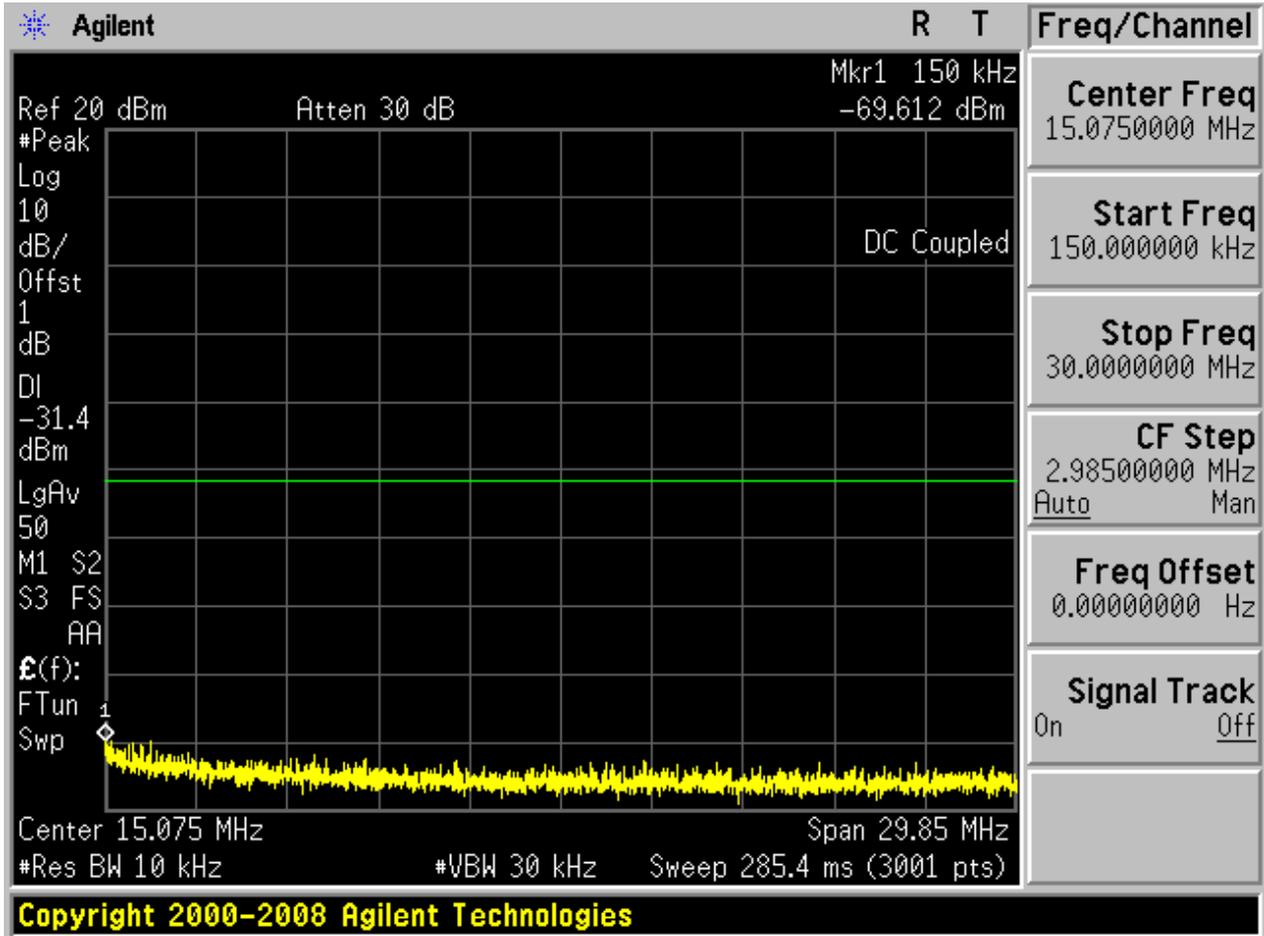
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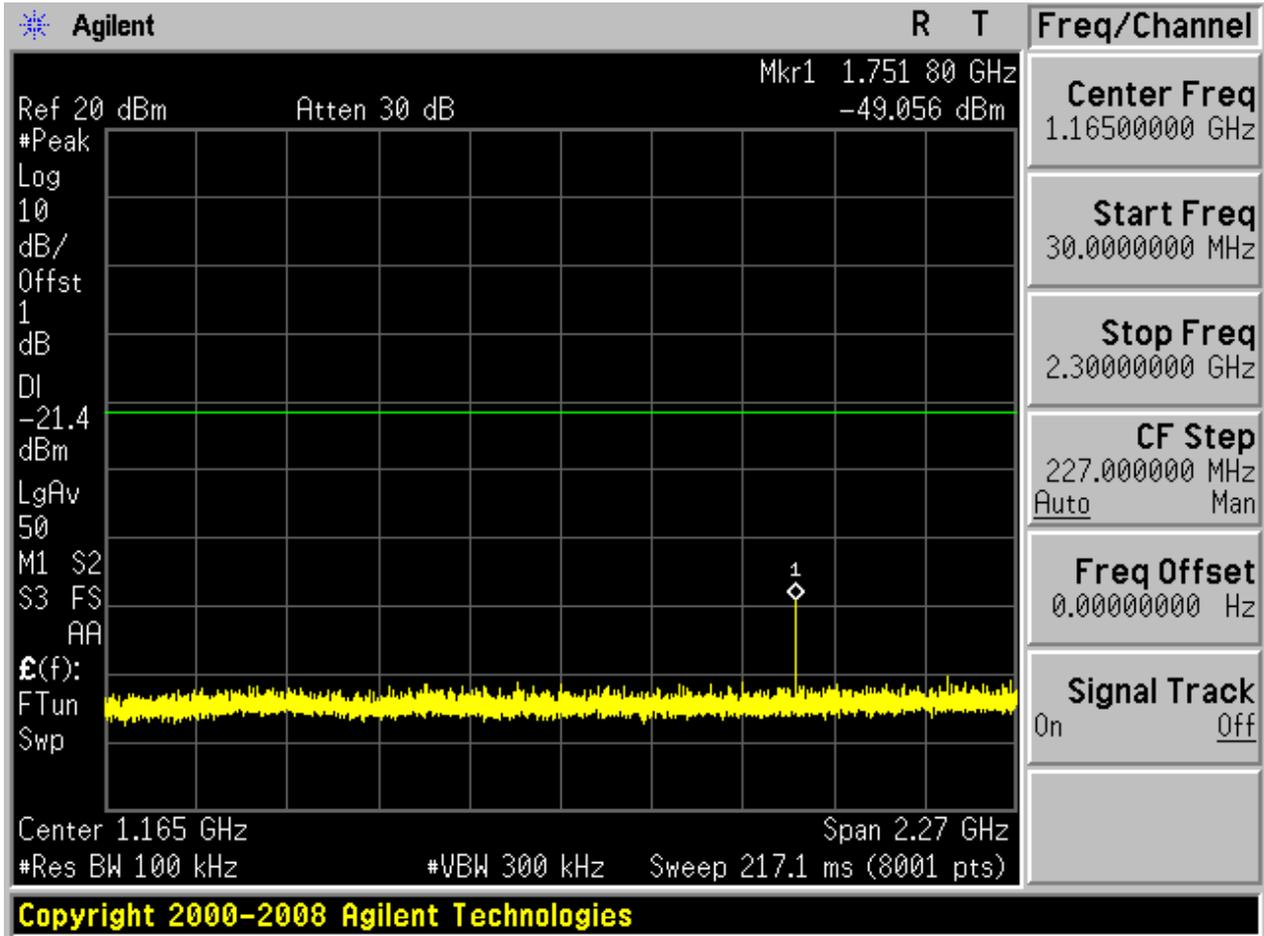


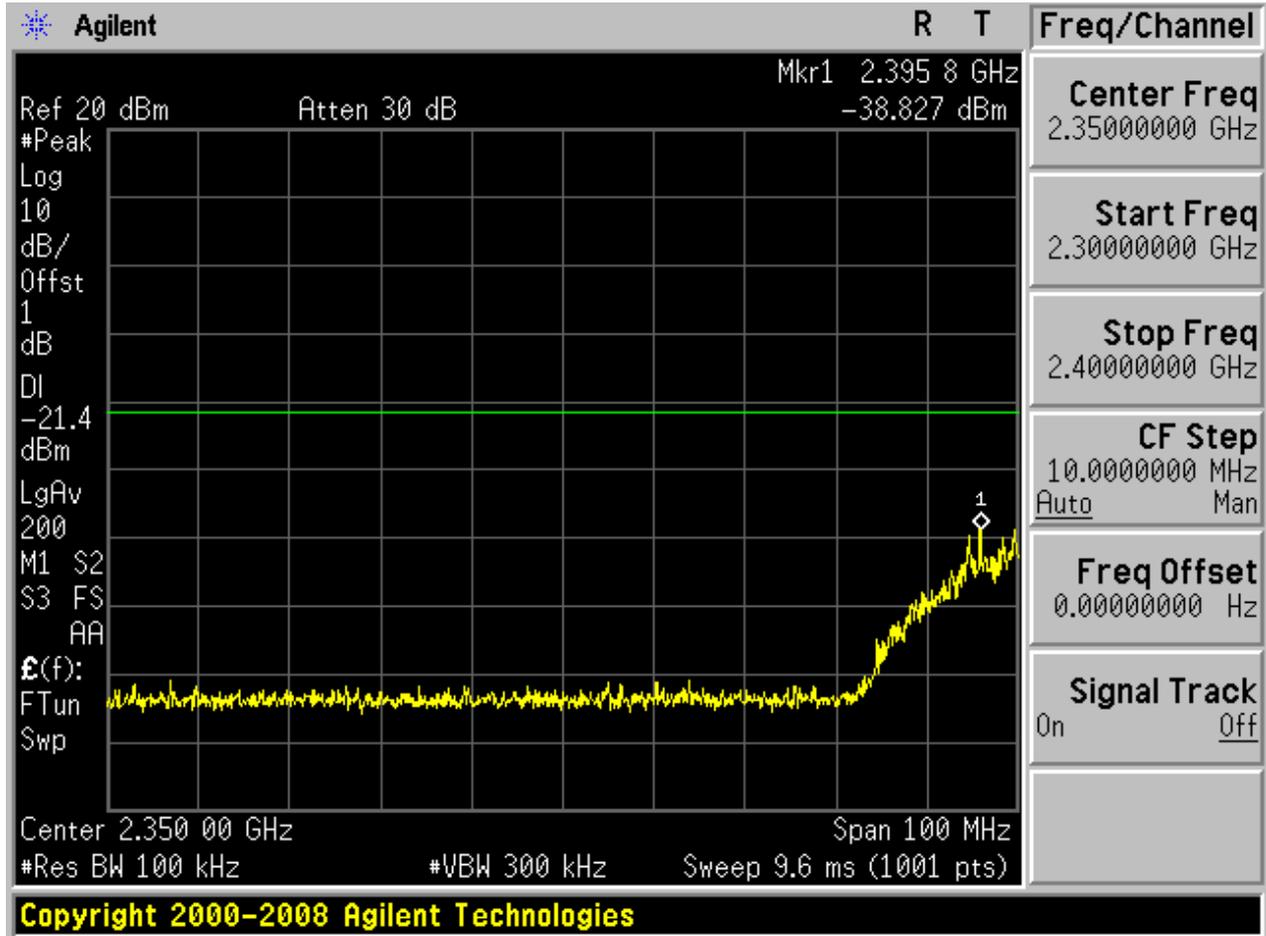


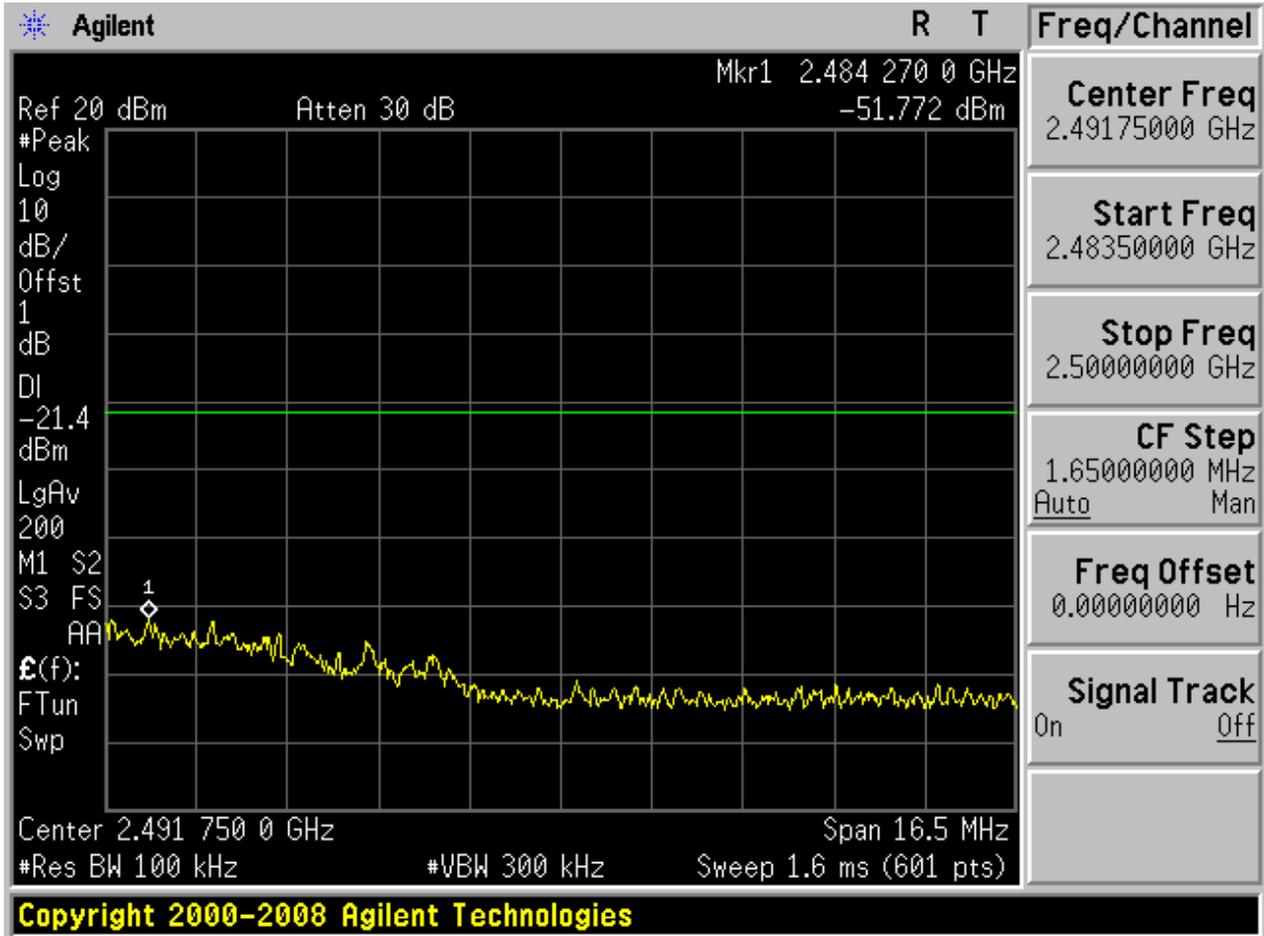
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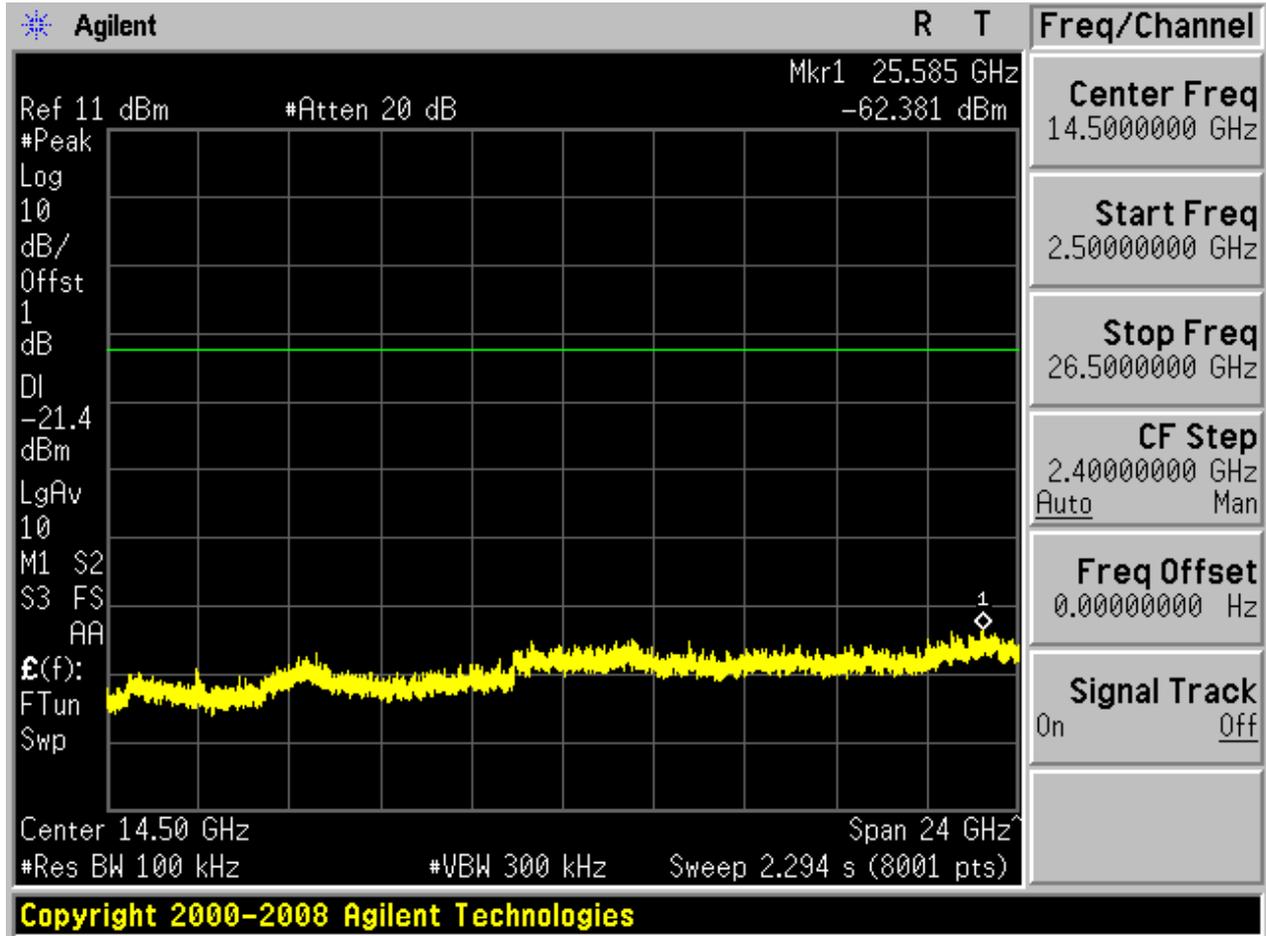








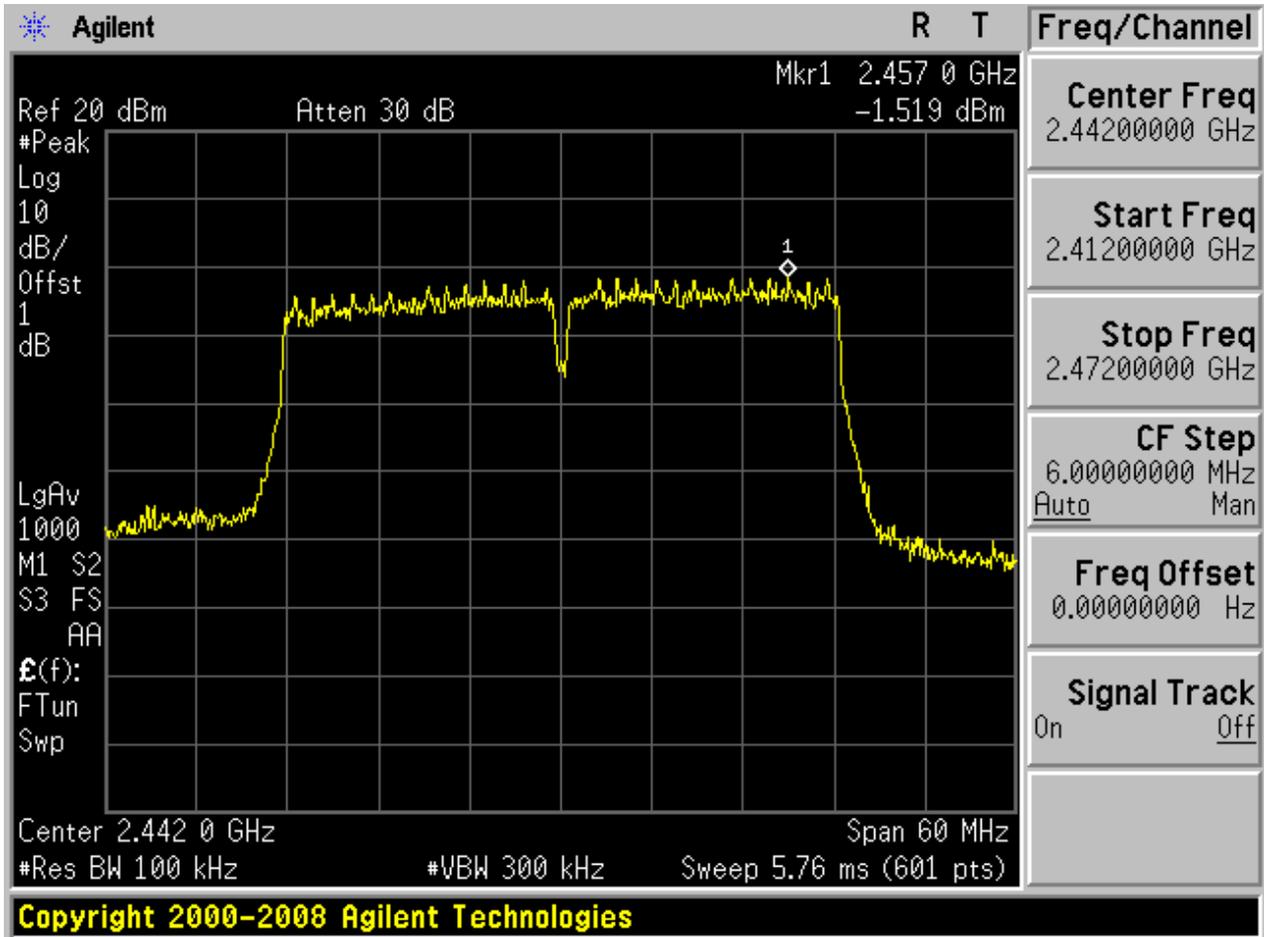






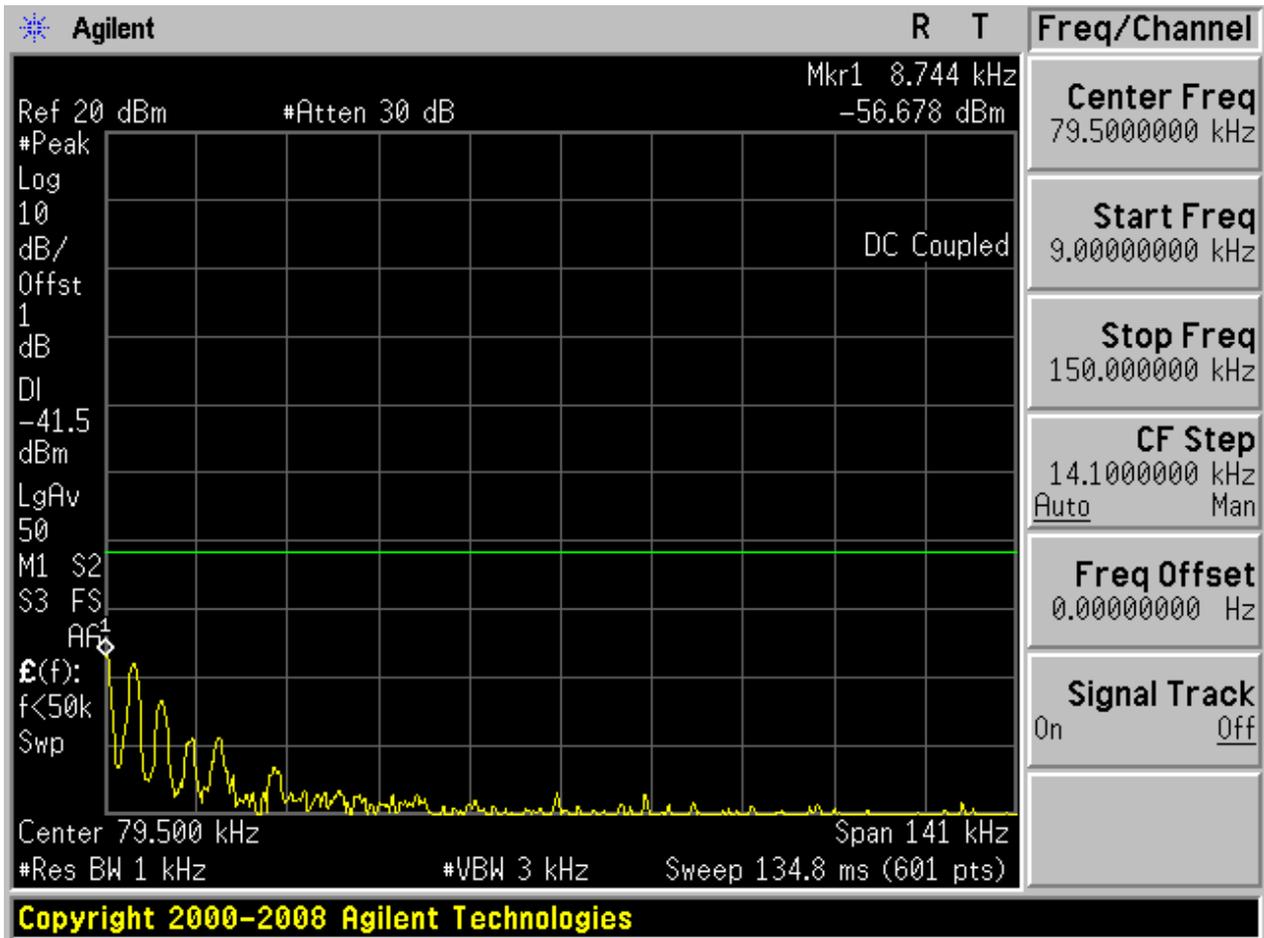
2.35 11N40m_H@Ant 1

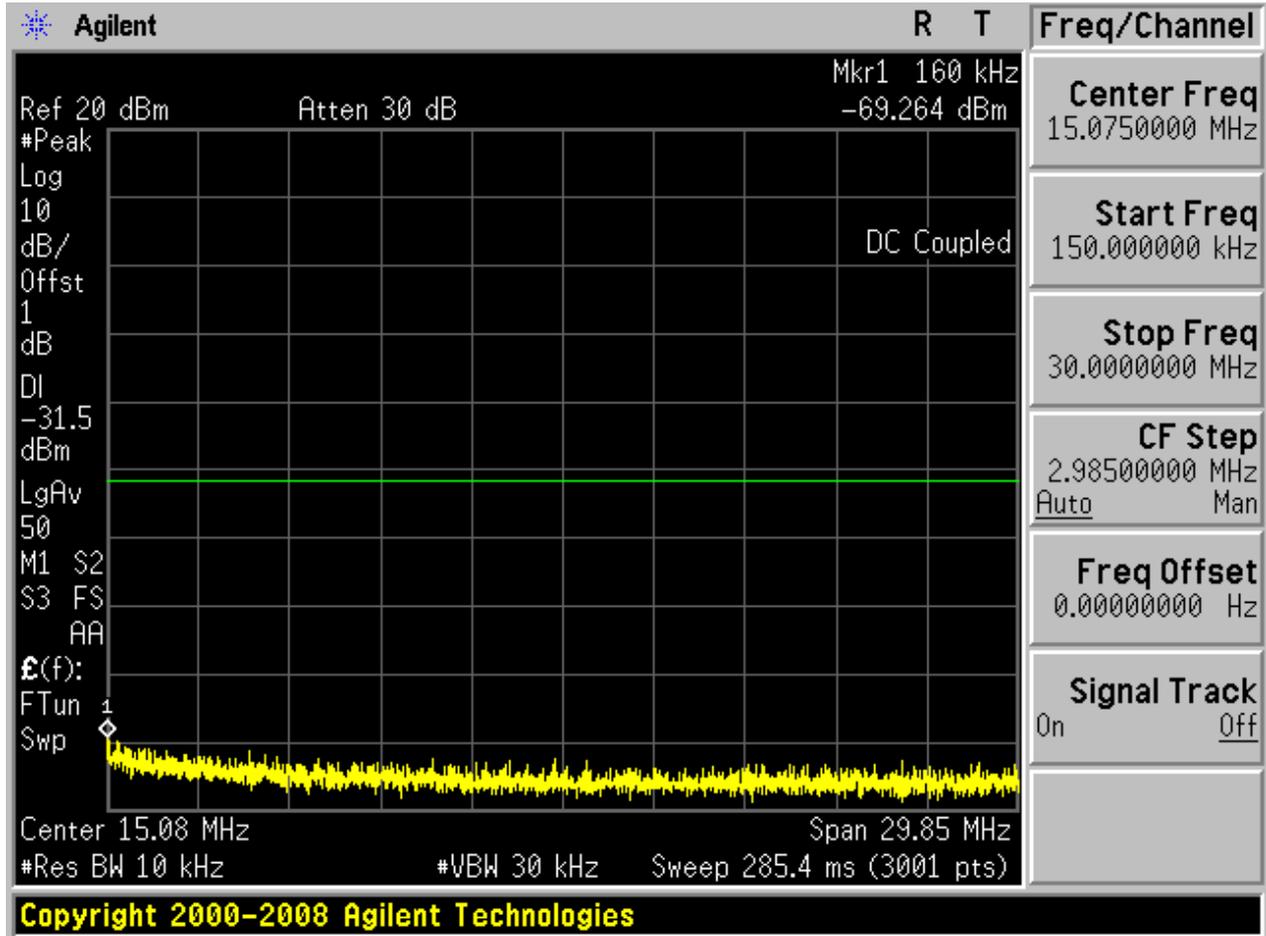
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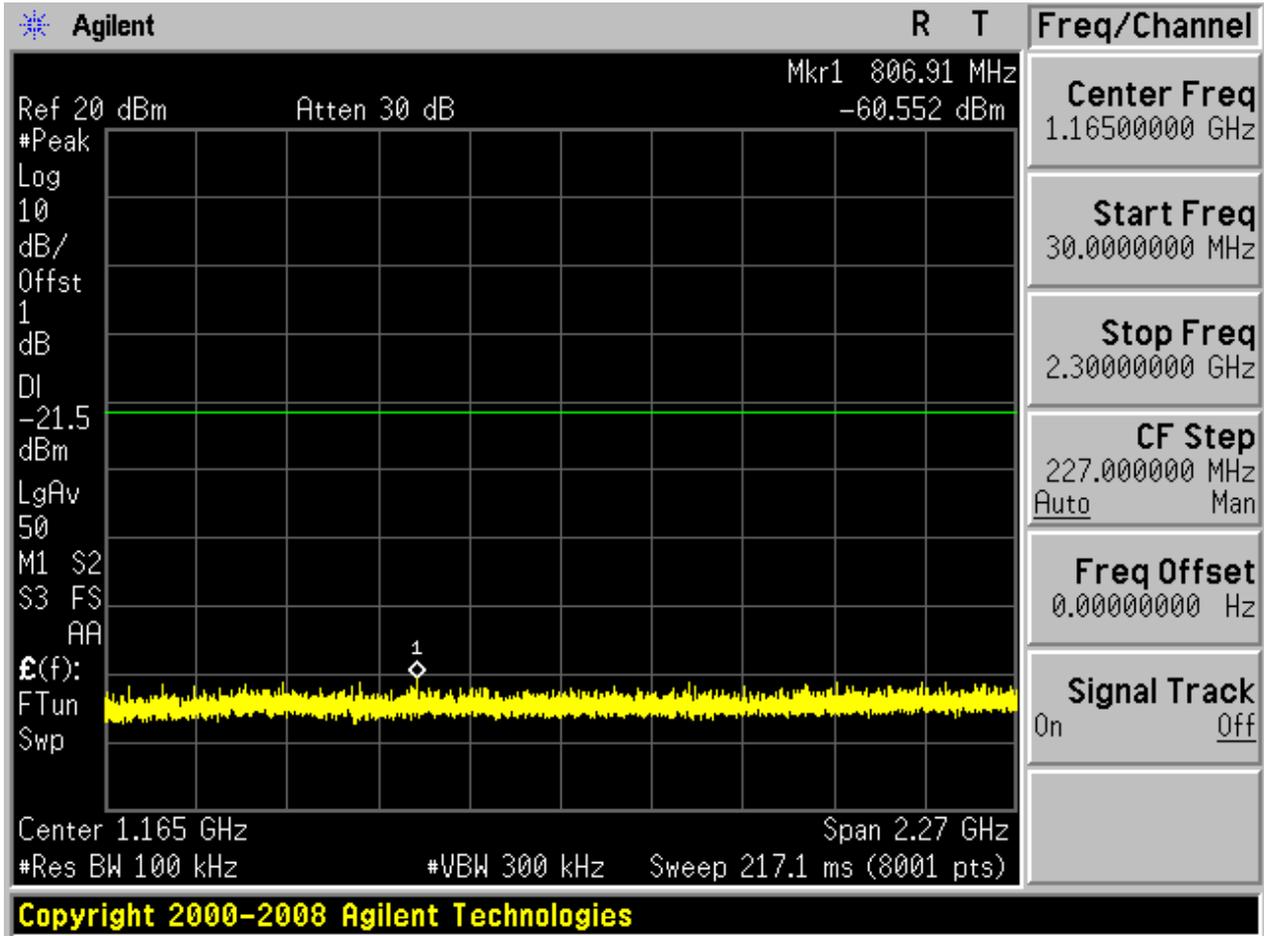


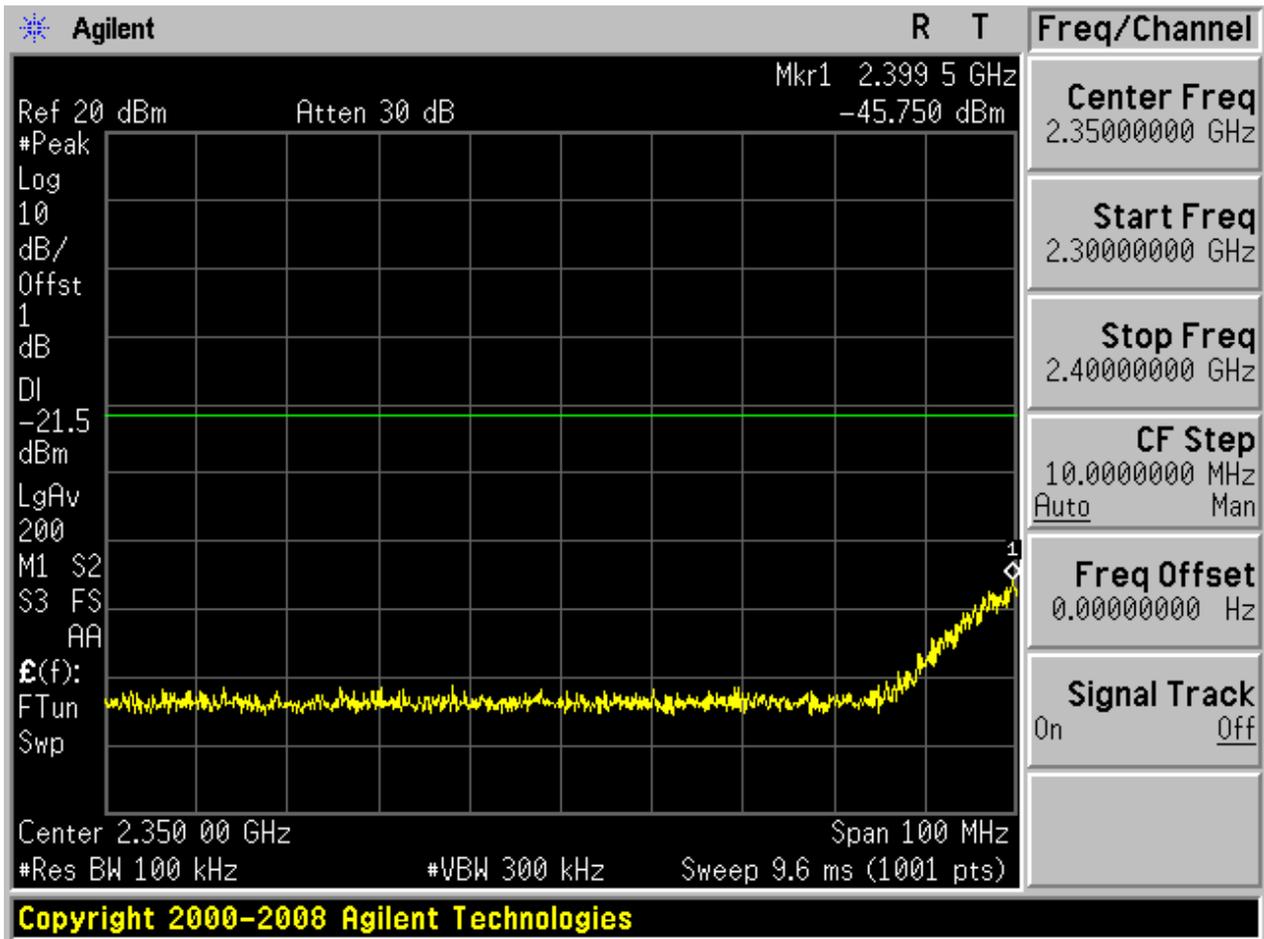


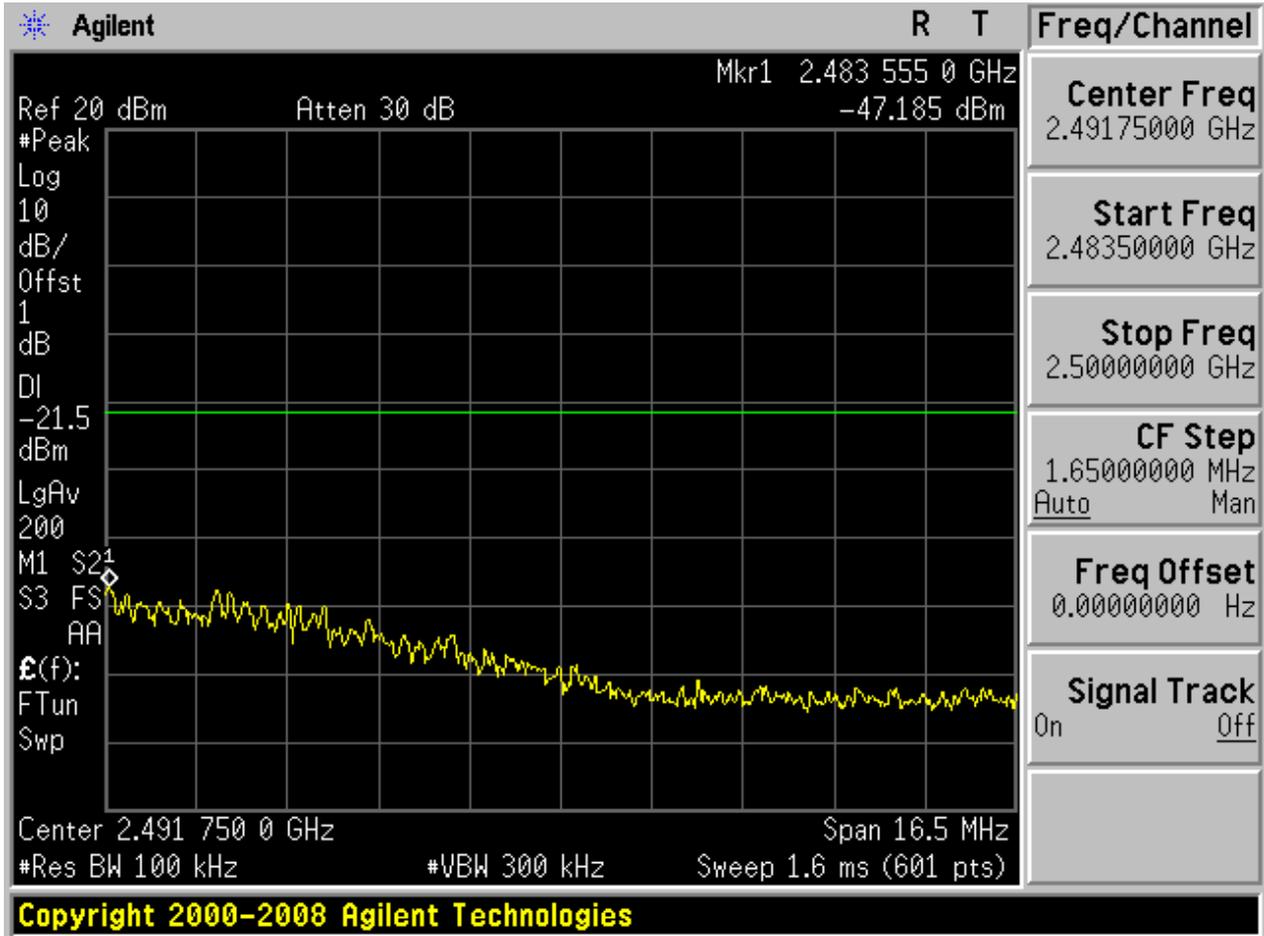
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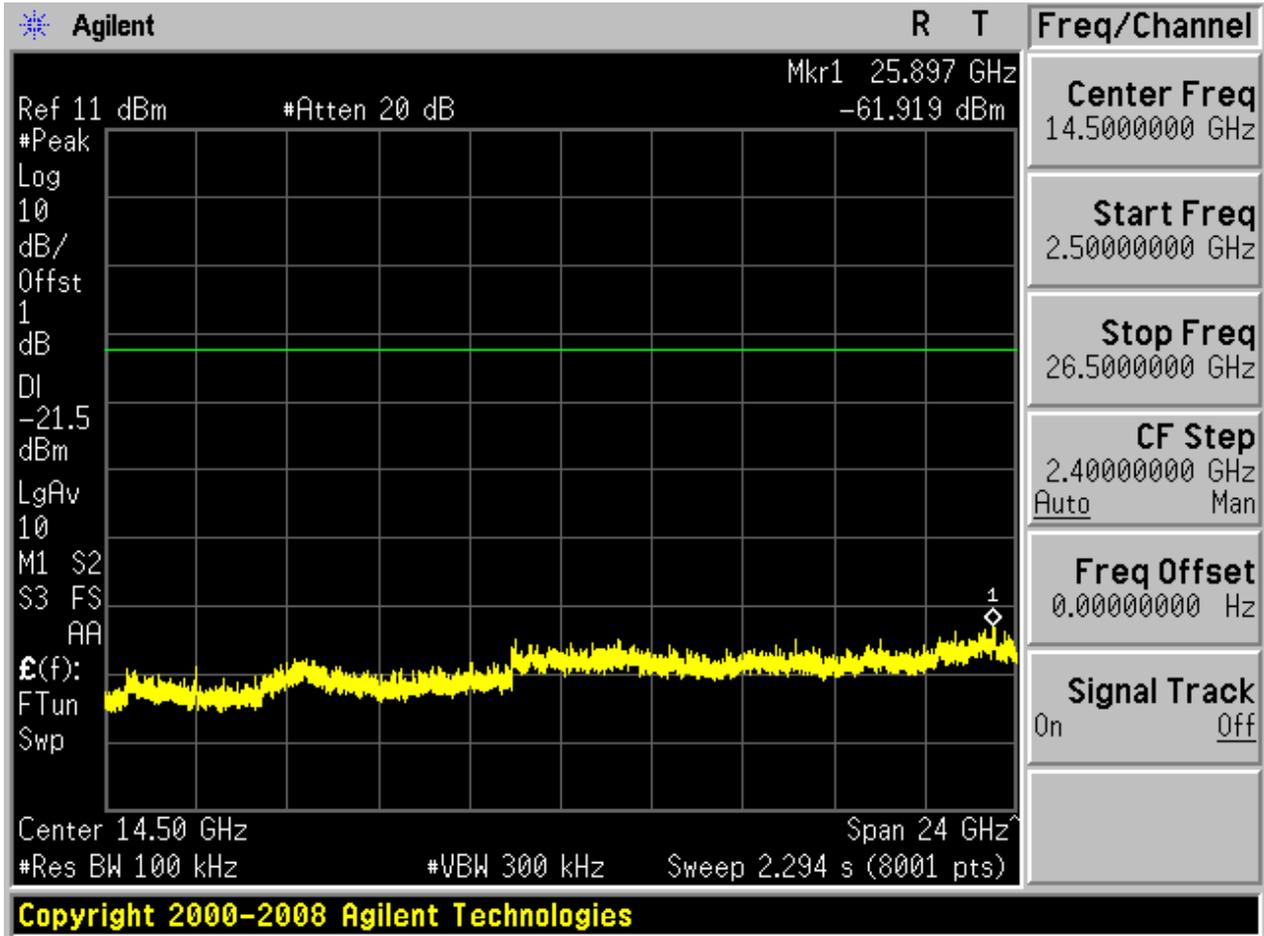








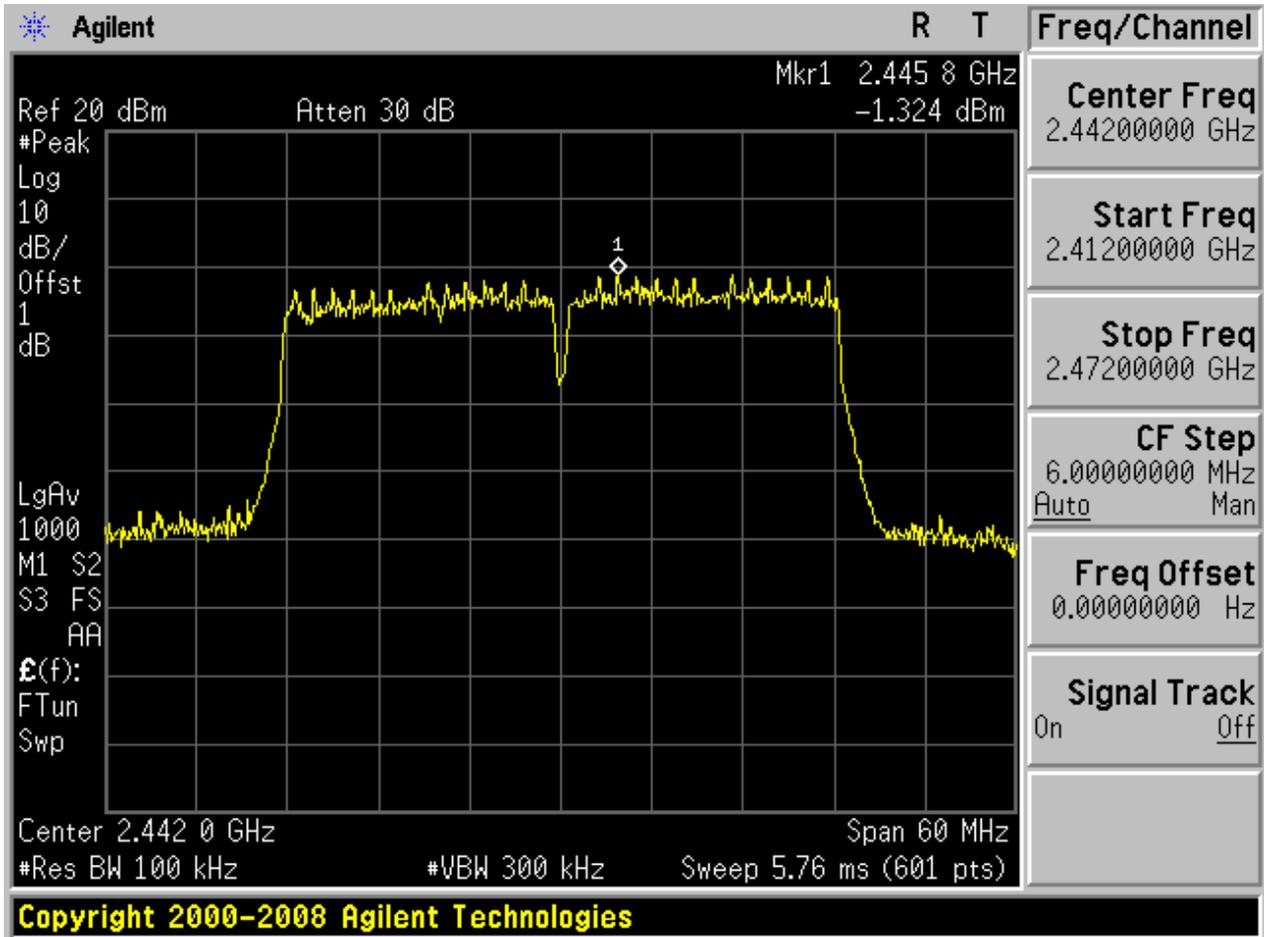






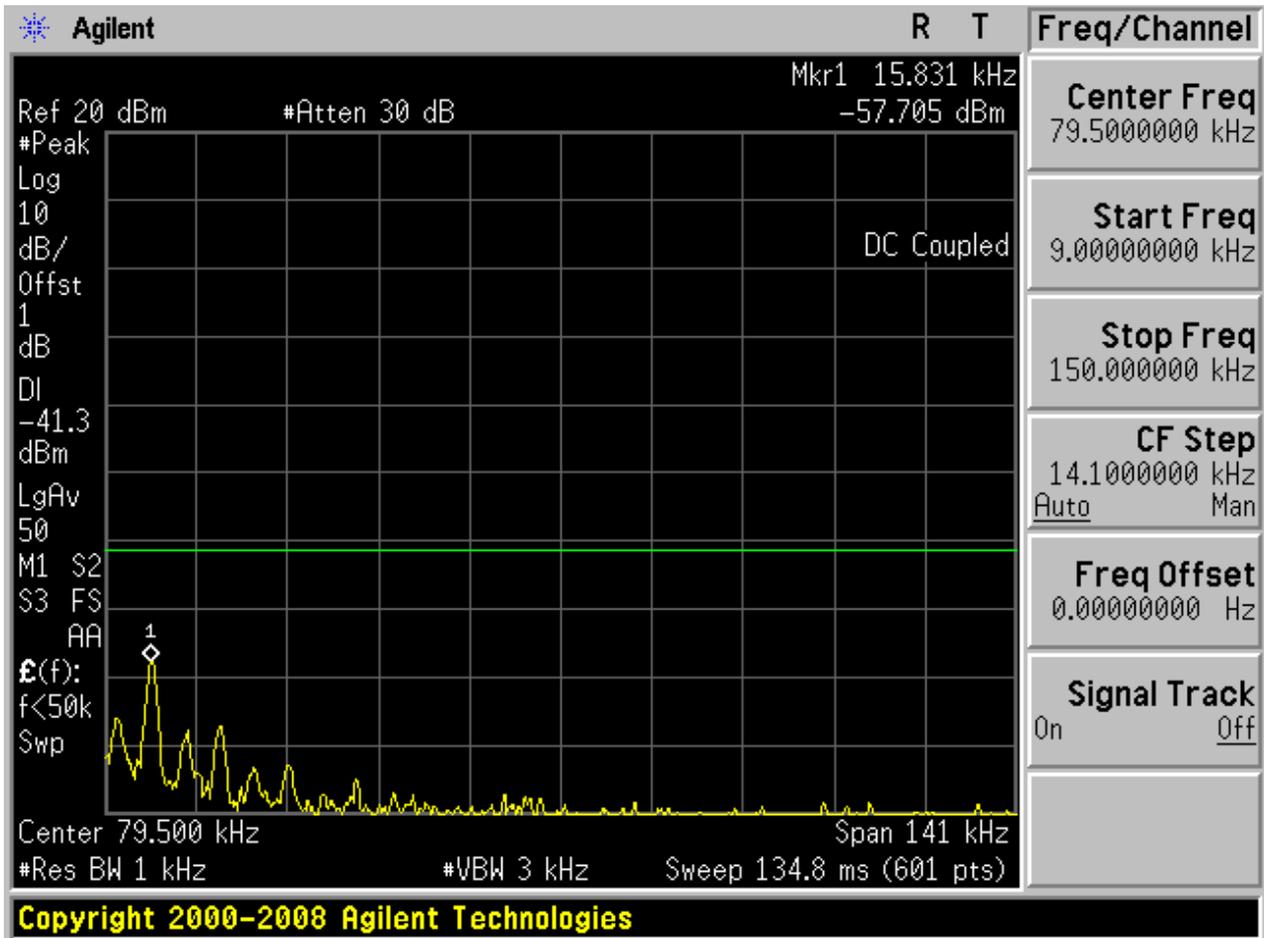
2.36 11N40m_H@Ant 2

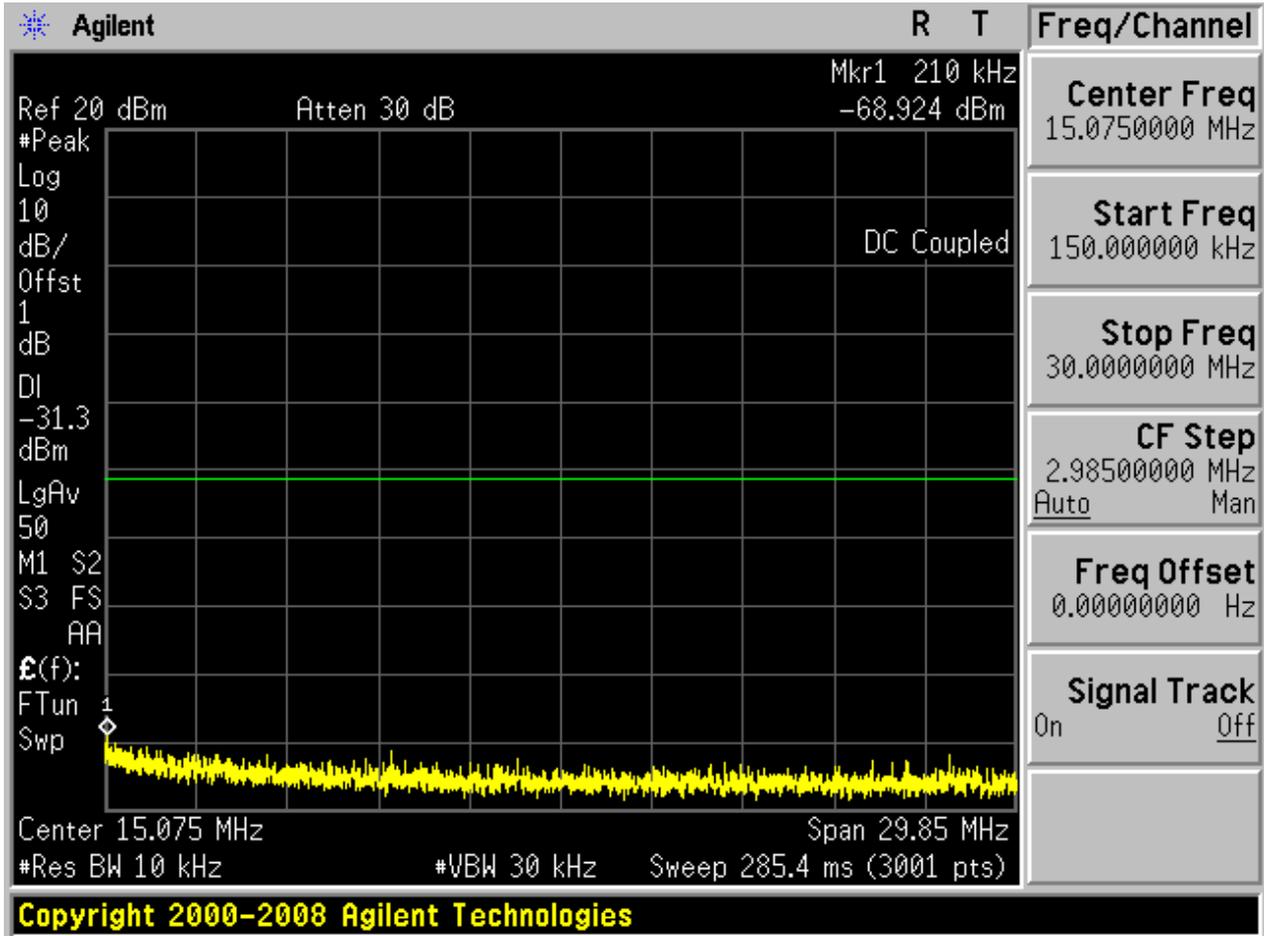
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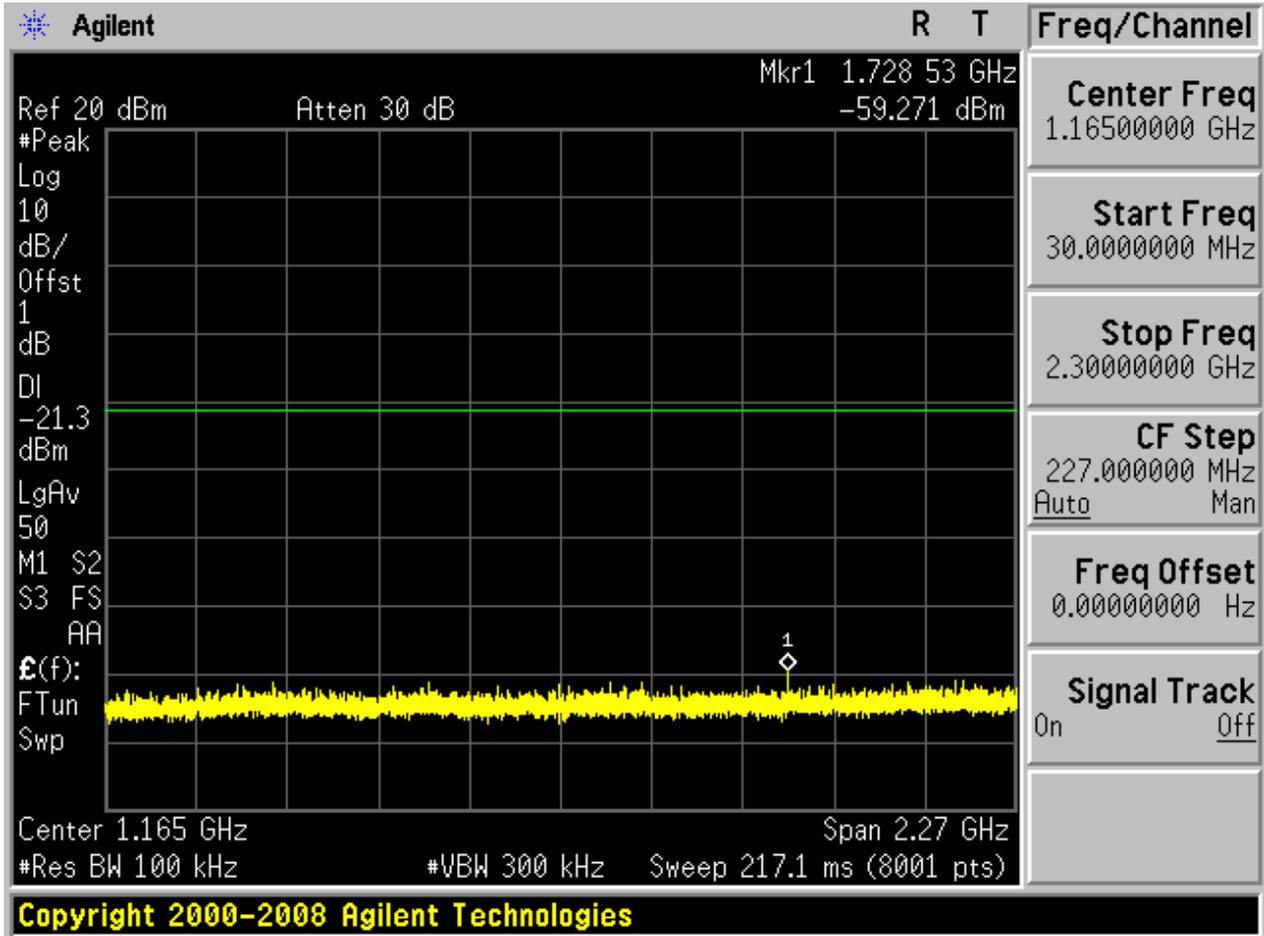


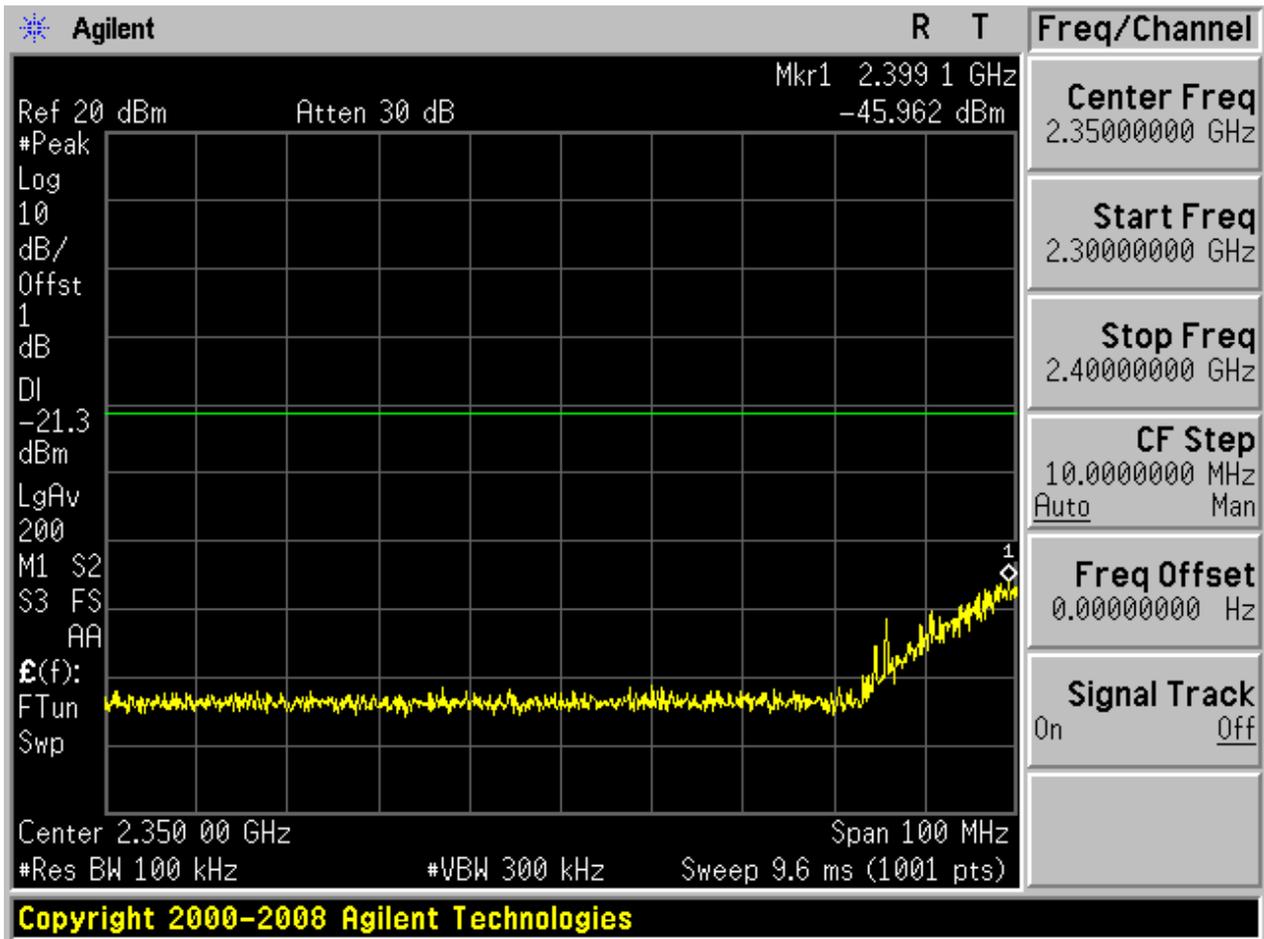


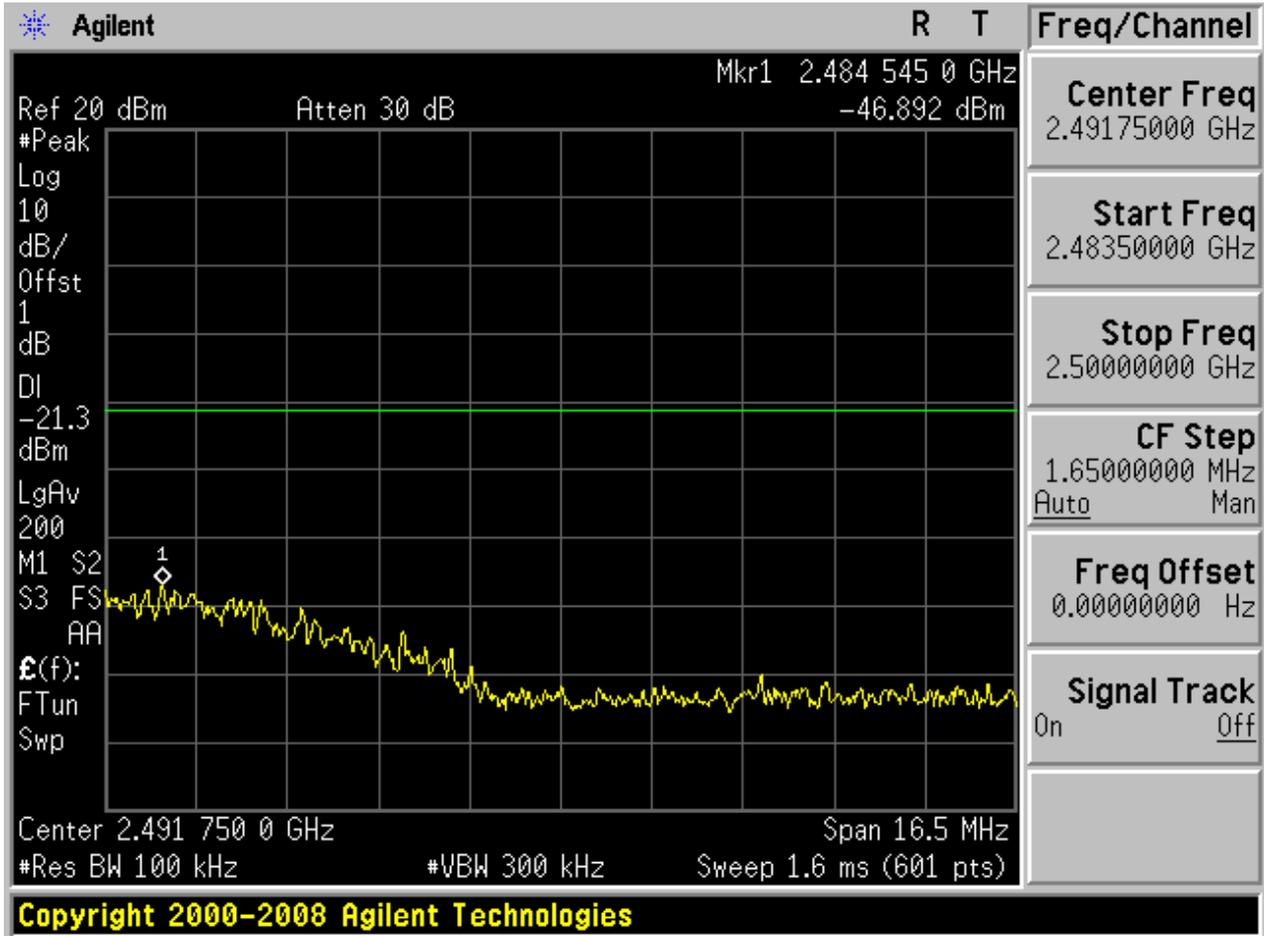
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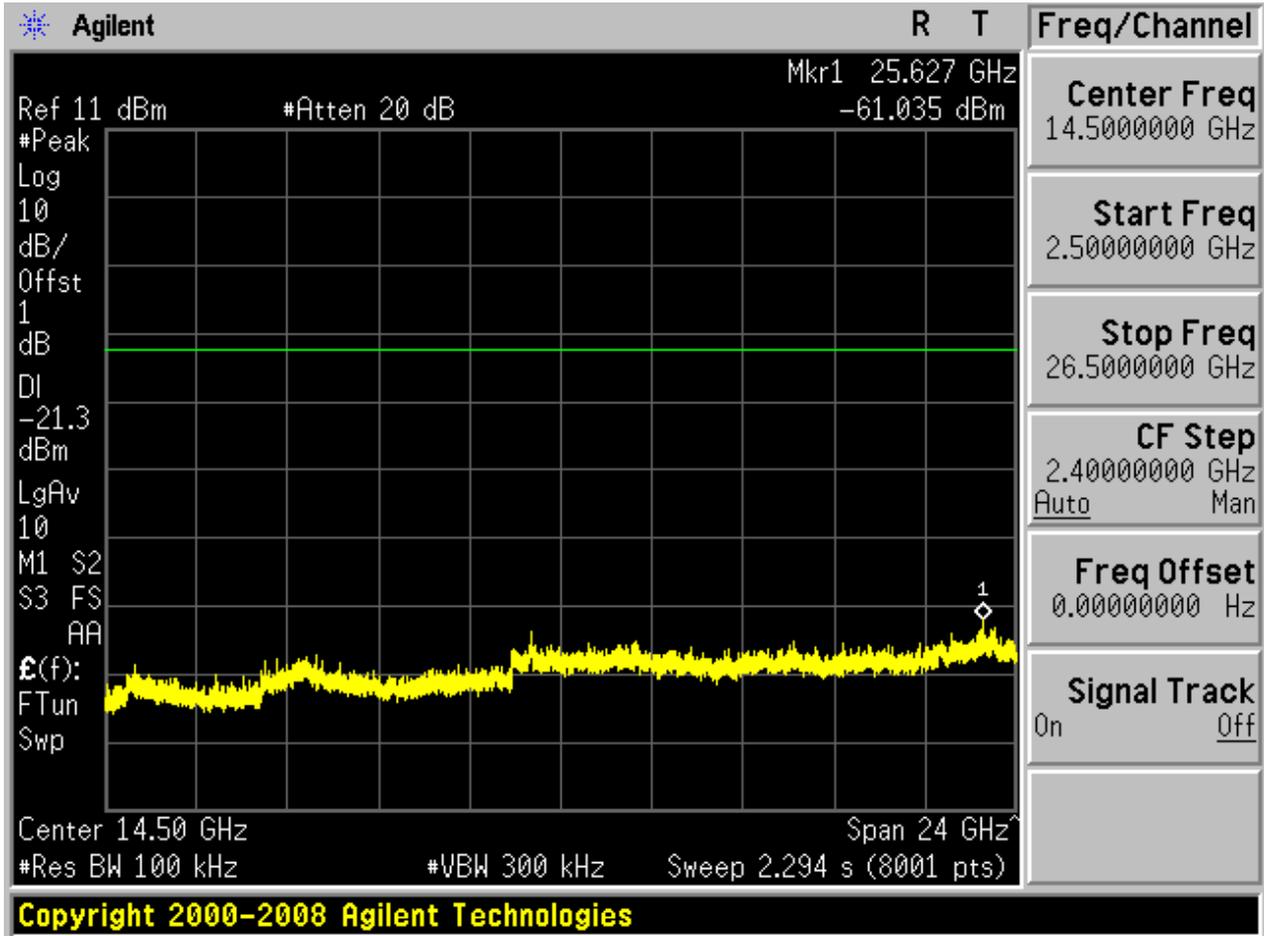












Appendix F: Radiated Spurious Emission & Spurious in Restricted Band

Note: Below 1GHz, RBW = 100 kHz, VBW = 300 kHz.

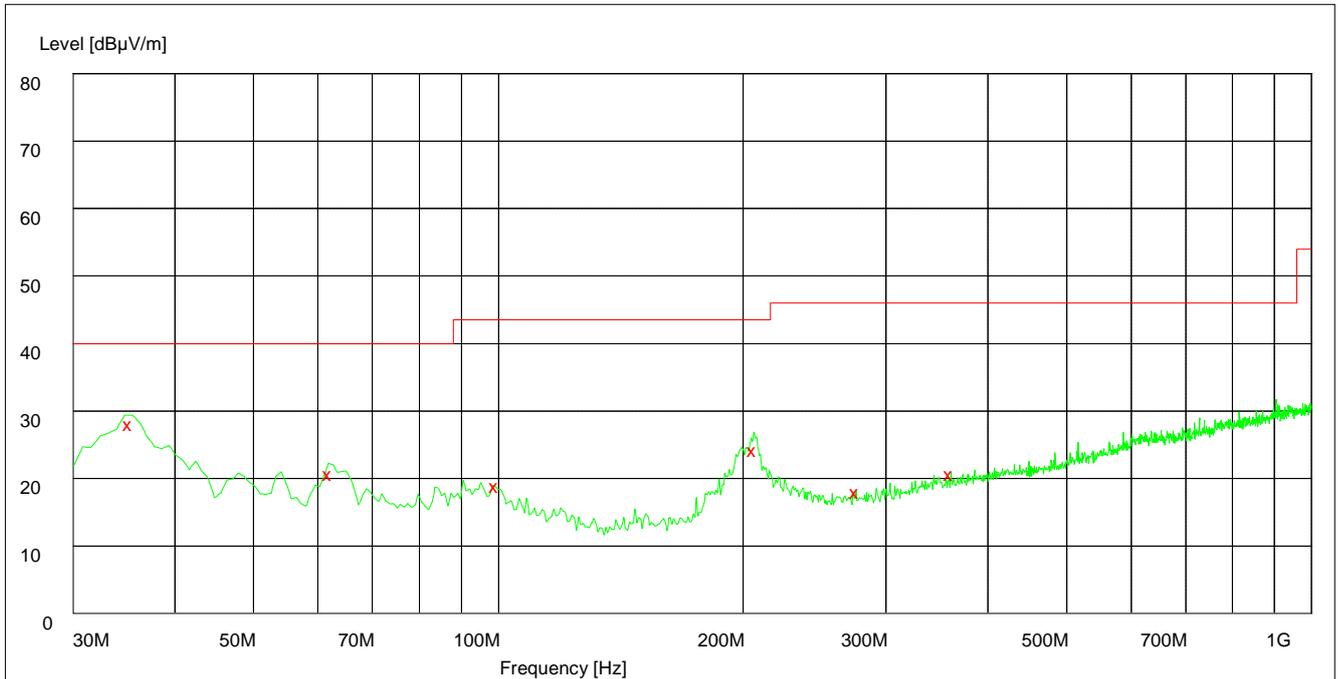
Above 1GHz, RBW = 1 MHz, VBW = 3 MHz.

The simultaneous transmission has been considered

Part 1: Testing Range of “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).**



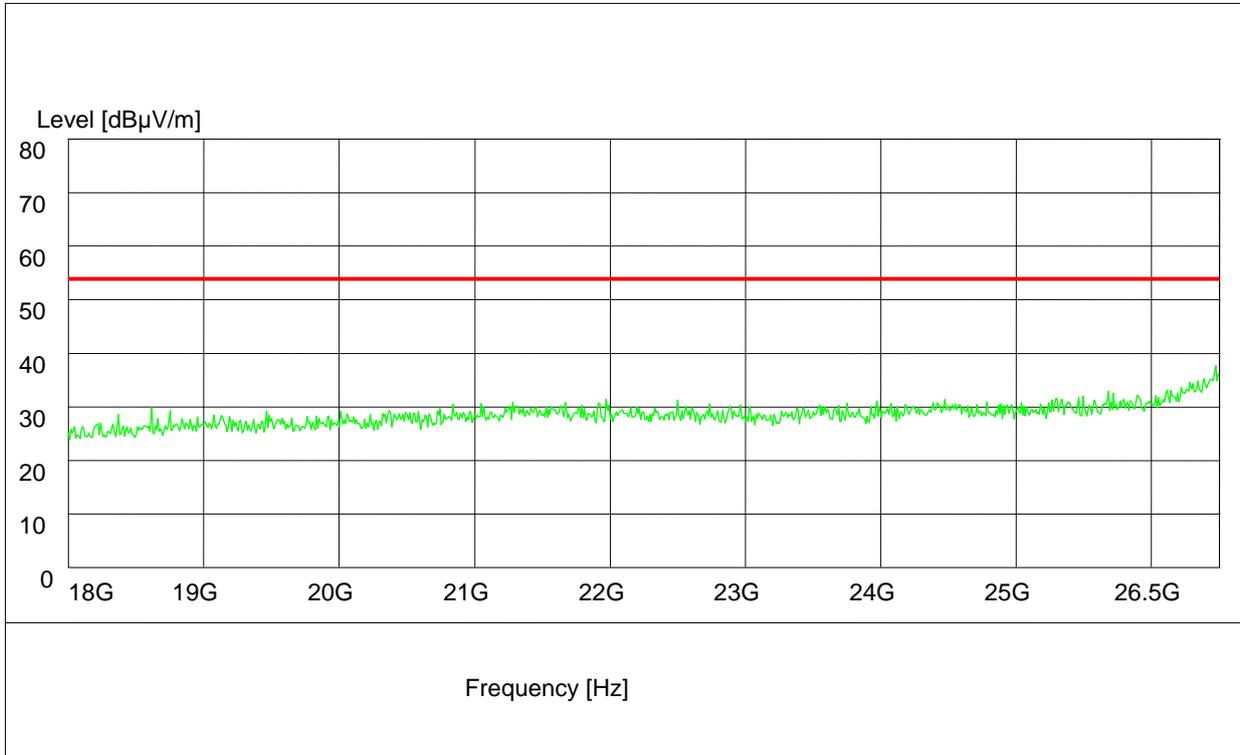
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Plarization
35.340000	29.40	14.5	40.0	10.6	112.0	360.00	VERTICAL
276.340000	19.40	14.5	40.0	20.6	112.0	360.00	VERTICAL
62.160000	21.90	12.4	40.0	18.1	100.0	107.00	VERTICAL



99.600000	20.20	13.3	43.5	23.3	149.0	63.00	VERTICAL
206.880000	25.50	12.6	43.5	18.0	100.0	181.00	VERTICAL
361.380000	21.90	16.8	46.0	24.1	103.0	112.00	HORIZONTAL

Part 2: Testing Range of “18 GHz to 26.5 GHz”

Note: No peak found in pre- test.



Part 3: Testing Range of “2.3GHz to 2.51GHz”

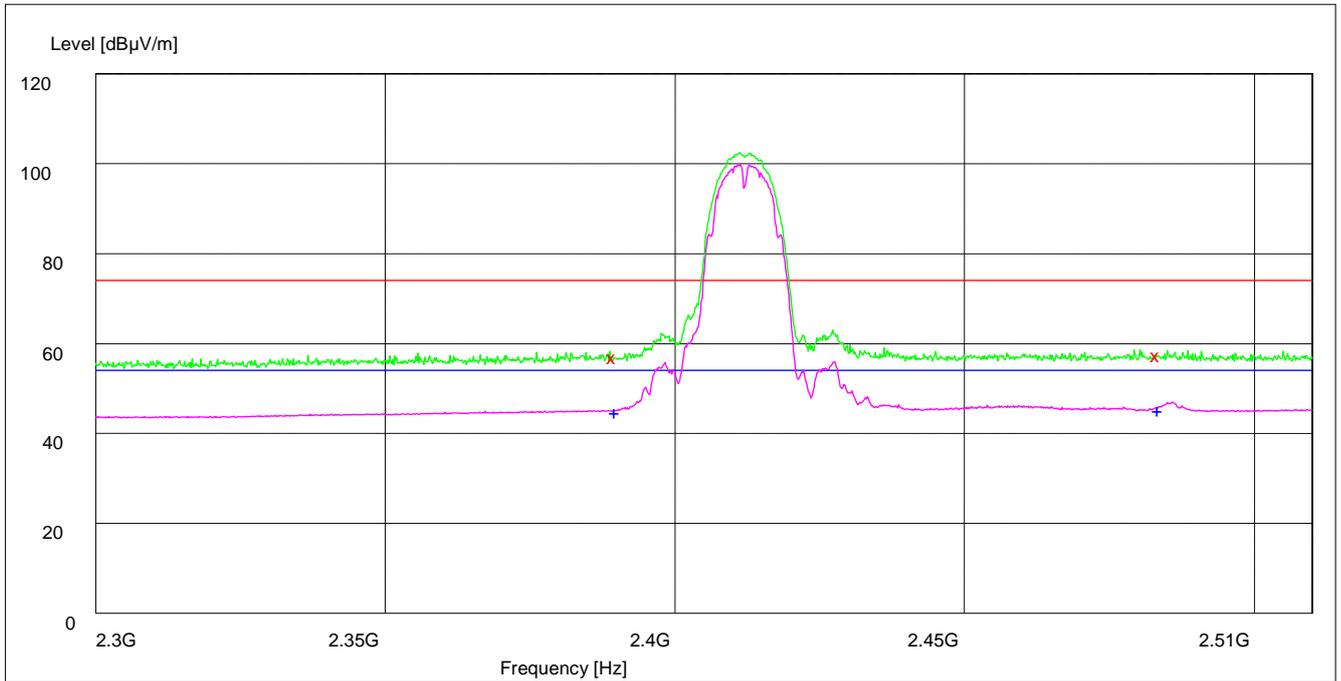
Note 1: The testing range of “2.3 GHz to 2.51 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.

Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).

Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

Test Mode: ANT0-11B

Channel 01



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

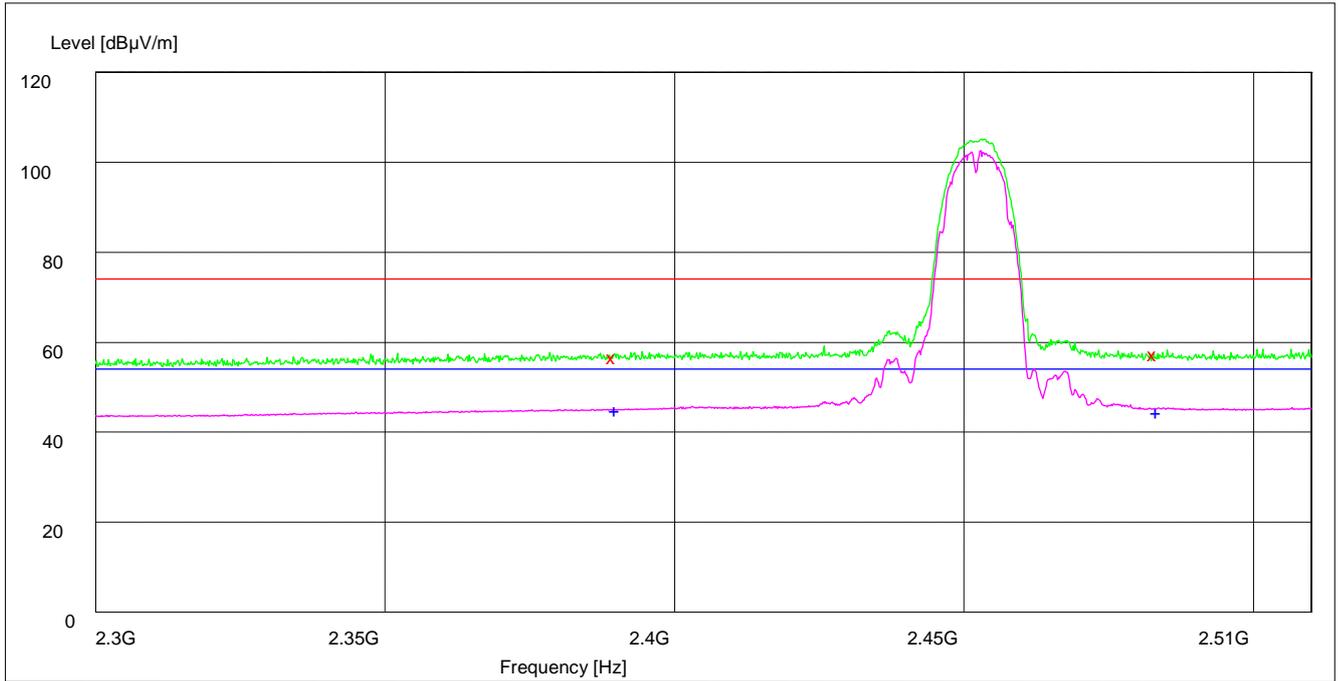
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.90	34.7	74.0	17.1	183.0	257.00	VERTICAL
2483.500000	56.00	35.0	74.0	18.0	100.0	143.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	45.50	34.7	54.0	8.5	101.0	141.00	HORIZONTAL
2483.500000	45.50	35.0	54.0	8.5	101.0	143.00	HORIZONTAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

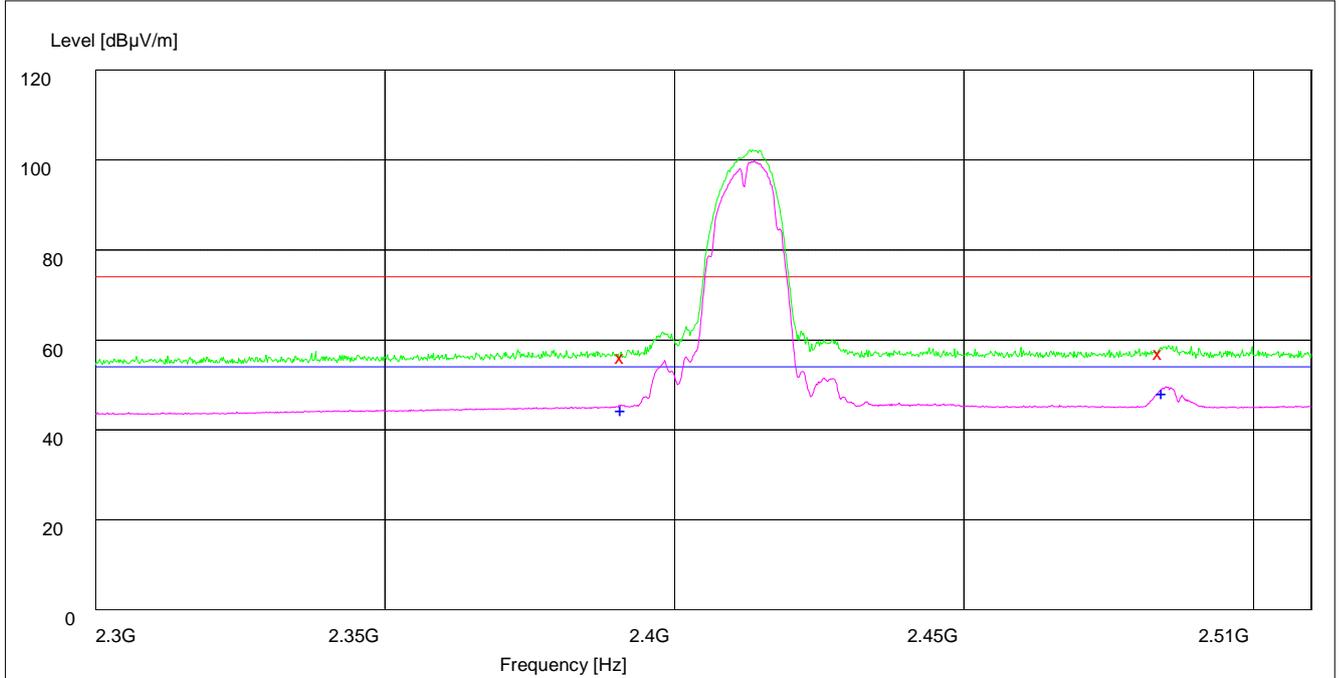
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2389.000000	56.30	34.7	74.0	17.7	185.0	277.00	VERTICAL
2483.500000	55.90	35.0	74.0	18.1	200.0	225.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.70	34.7	54.0	10.3	100.0	142.00	HORIZONTAL
2483.500000	44.50	35.0	54.0	9.5	100.0	144.00	HORIZONTAL

Test Mode: ANT1-11B

Channel 01



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

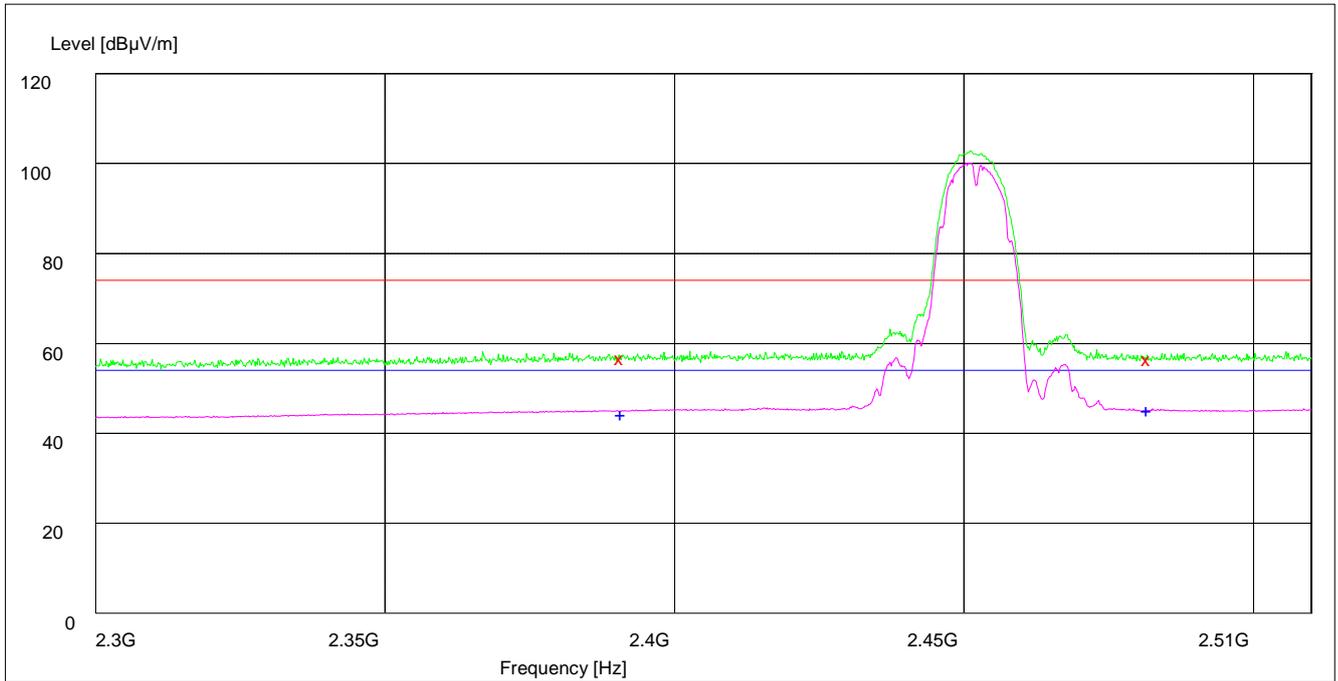
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.20	34.7	74.0	17.8	200.0	45.00	HORIZONTAL
2483.500000	58.60	35.0	74.0	15.4	105.0	303.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	44.10	34.7	54.0	15.9	100.0	224.00	HORIZONTAL
2483.500000	48.20	35.0	54.0	5.8	100.0	216.00	HORIZONTAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

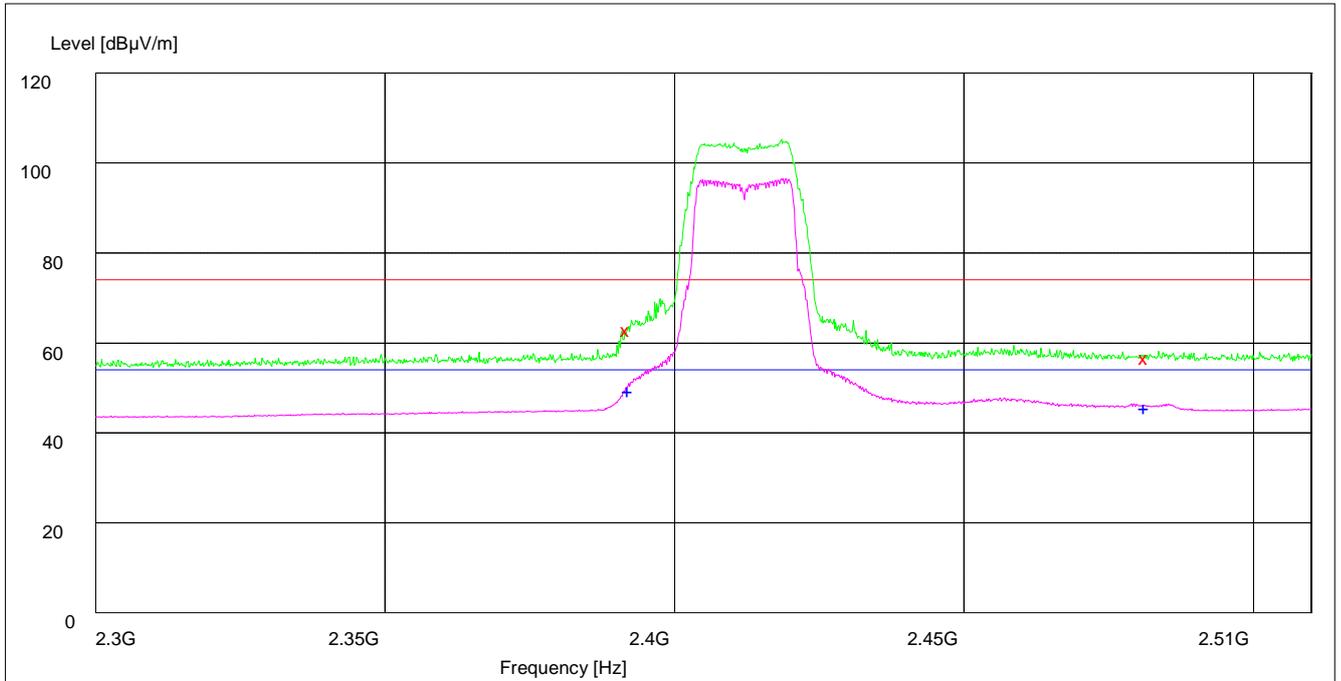
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.40	34.7	74.0	17.6	102.0	56.00	VERTICAL
2483.500000	56.20	35.0	74.0	17.8	169.0	227.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	44.50	34.7	54.0	9.5	102.0	268.00	HORIZONTAL
2483.500000	45.60	35.0	54.0	8.4	102.0	218.00	HORIZONTAL

Test Mode: ANT0-11G

Channel 01



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

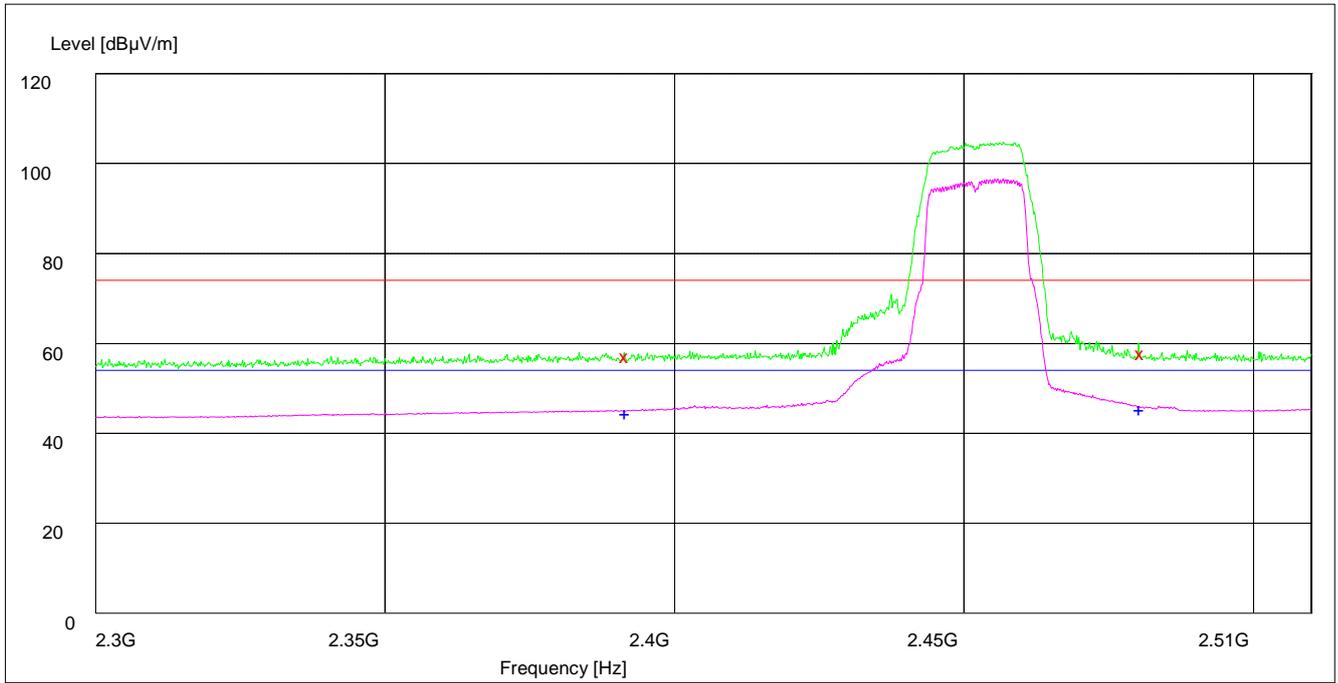
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	65.00	34.7	74.0	7.2	100.0	142.00	HORIZONTAL
2483.500000	57.90	35.0	74.0	16.1	100.0	143.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	50.00	34.7	54.0	4.0	100.0	143.00	HORIZONTAL
2483.500000	44.90	35.0	54.0	9.1	100.0	140.00	HORIZONTAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

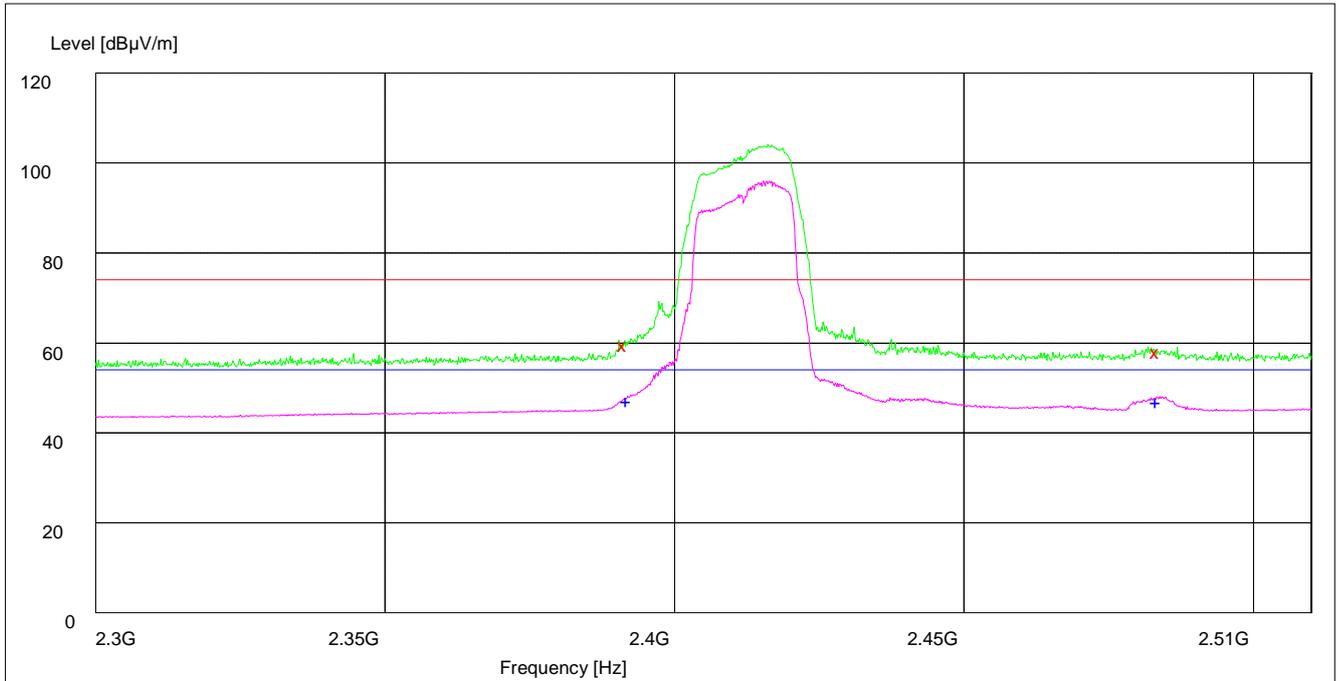
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.40	34.7	74.0	17.6	100.0	97.00	VERTICAL
2483.500000	57.00	35.0	74.0	17.0	100.0	134.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.50	34.7	54.0	10.5	100.0	42.00	VERTICAL
2483.500000	45.40	35.0	54.0	8.6	100.0	144.00	HORIZONTAL

Test Mode: ANT1-11G

Channel 01



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

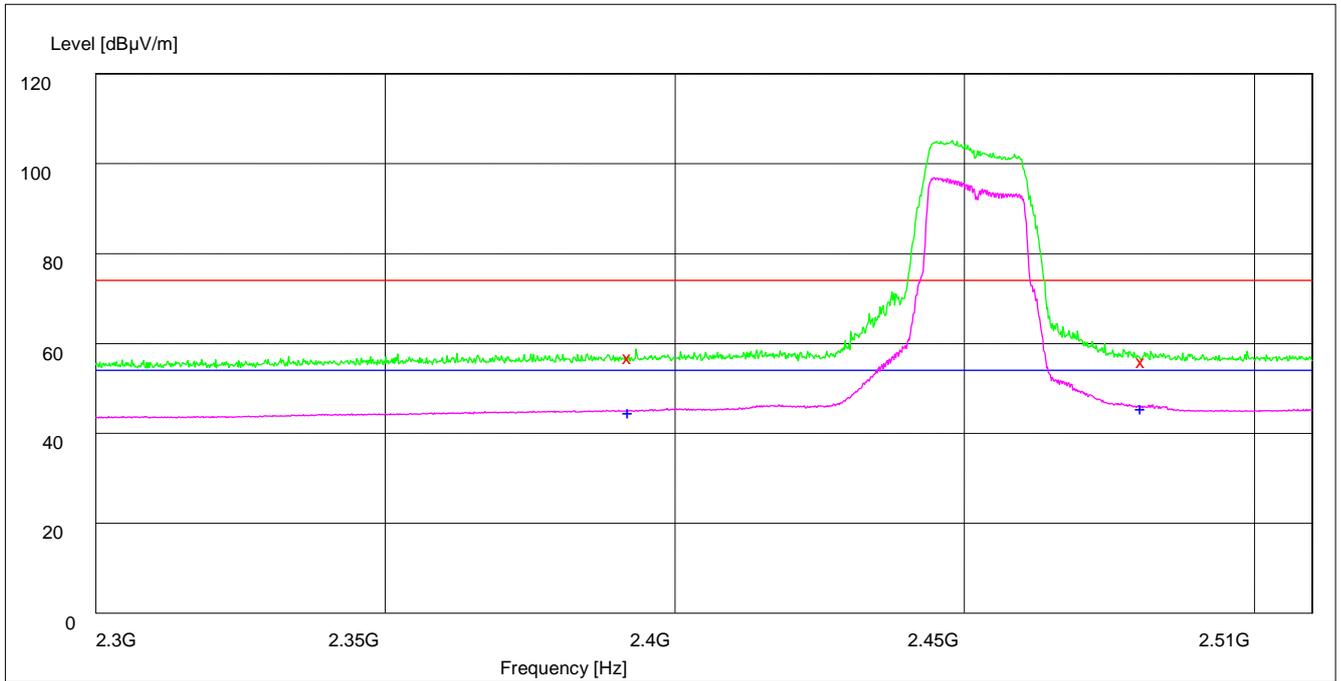
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	61.60	34.7	74.0	12.4	100.0	222.00	HORIZONTAL
2483.500000	57.70	35.0	74.0	16.3	100.0	218.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.80	34.7	54.0	7.2	100.0	224.00	HORIZONTAL
2483.500000	46.60	35.0	54.0	7.4	100.0	216.00	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	56.20	34.7	74.0	17.8	113.0	55.00	VERTICAL
2483.500000	57.10	35.0	74.0	16.9	100.0	306.00	VERTICAL

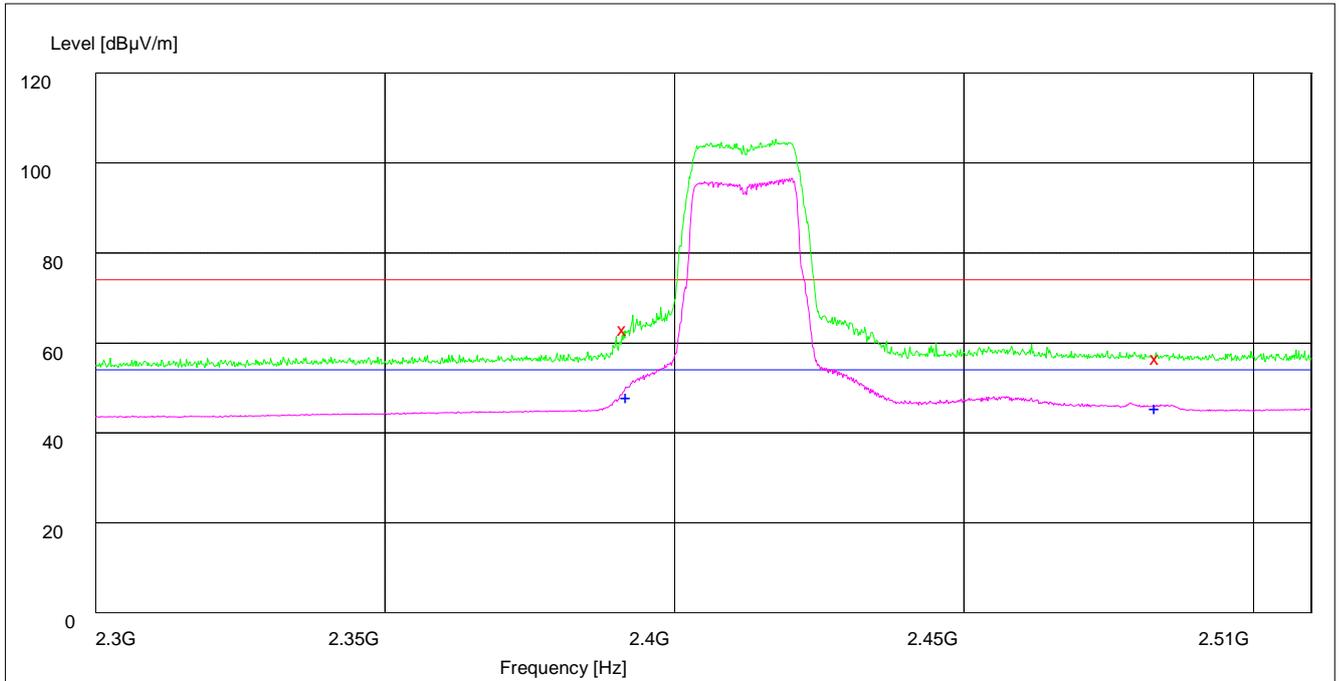
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.50	34.7	54.0	10.5	100.0	269.00	HORIZONTAL
2483.500000	45.30	35.0	54.0	8.7	100.0	215.00	HORIZONTAL



Test Mode: ANT0-11N-20M

Channel 01



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

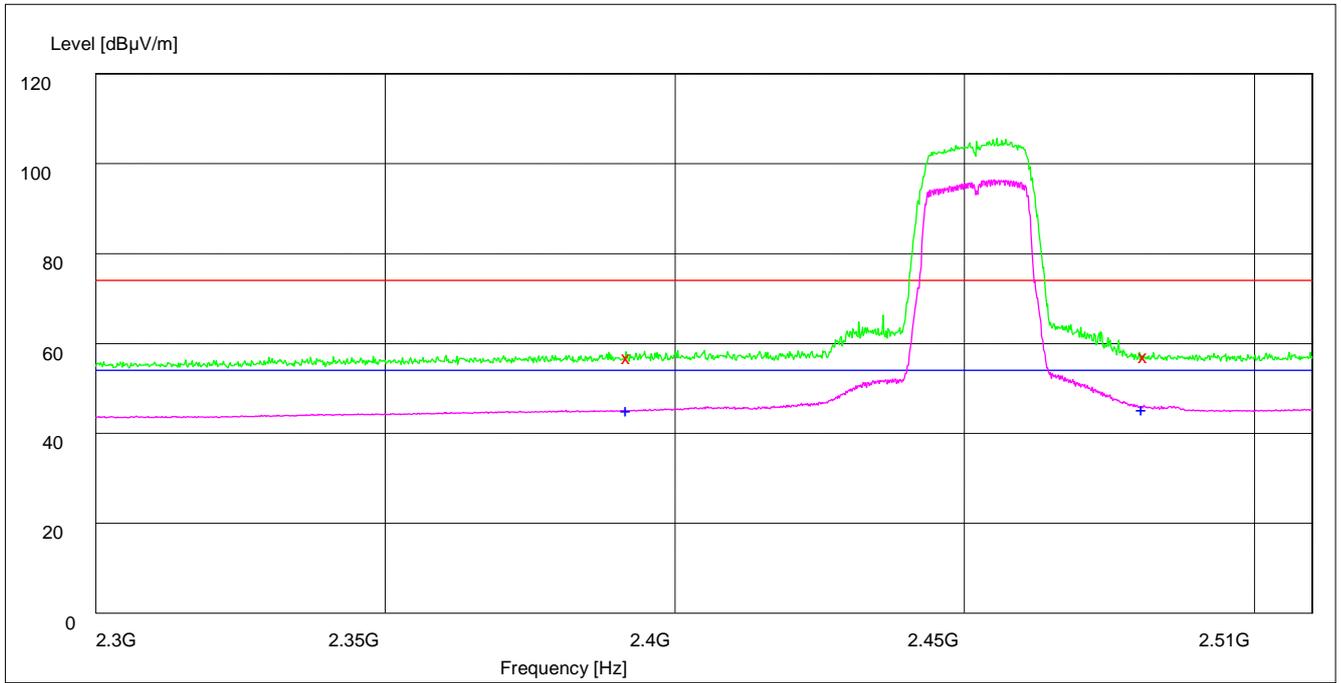
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	65.10	34.7	74.0	8.9	100.0	139.00	HORIZONTAL
2483.500000	57.40	35.0	74.0	16.6	100.0	140.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	49.30	34.7	54.0	4.7	100.0	141.00	HORIZONTAL
2483.500000	44.90	35.0	54.0	9.1	100.0	140.00	HORIZONTAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

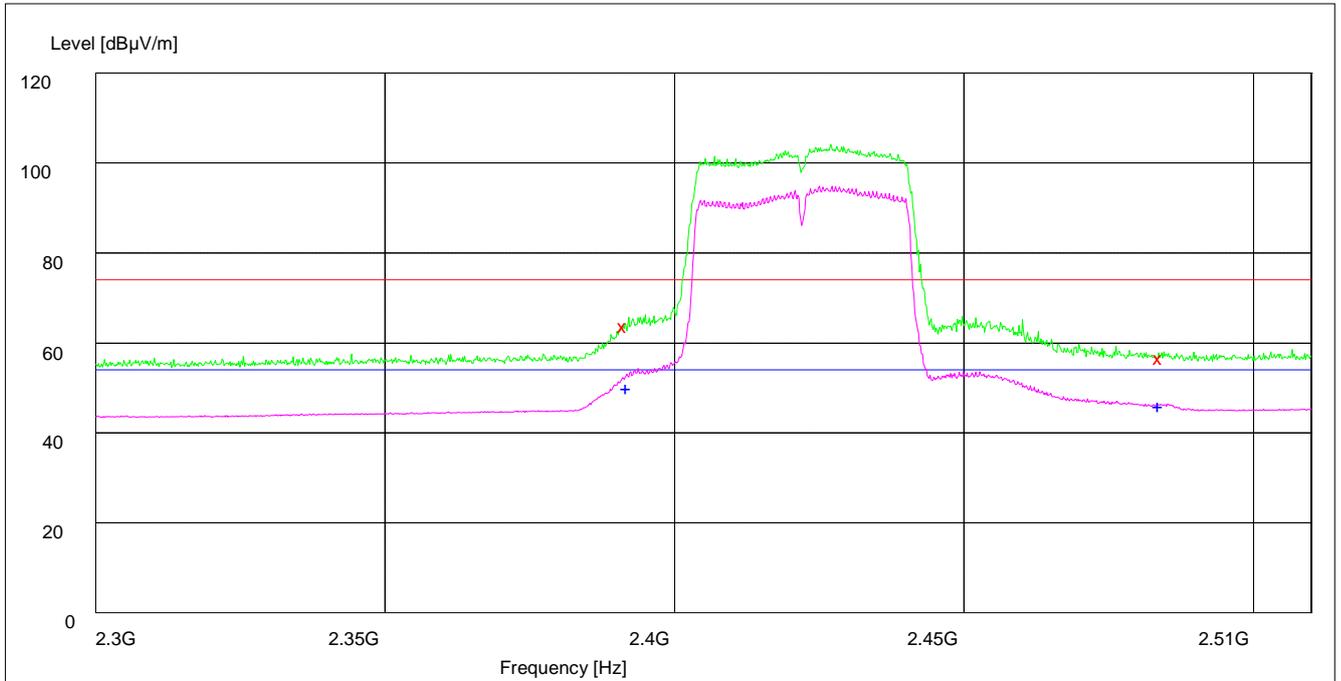
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.20	34.7	74.0	17.8	161.0	121.00	HORIZONTAL
2483.500000	57.10	35.0	74.0	16.9	100.0	337.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.70	34.7	54.0	10.3	100.0	149.00	HORIZONTAL
2483.500000	46.40	35.0	54.0	7.6	100.0	144.00	HORIZONTAL

Test Mode: ANT0-11N-40M

Channel 03



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

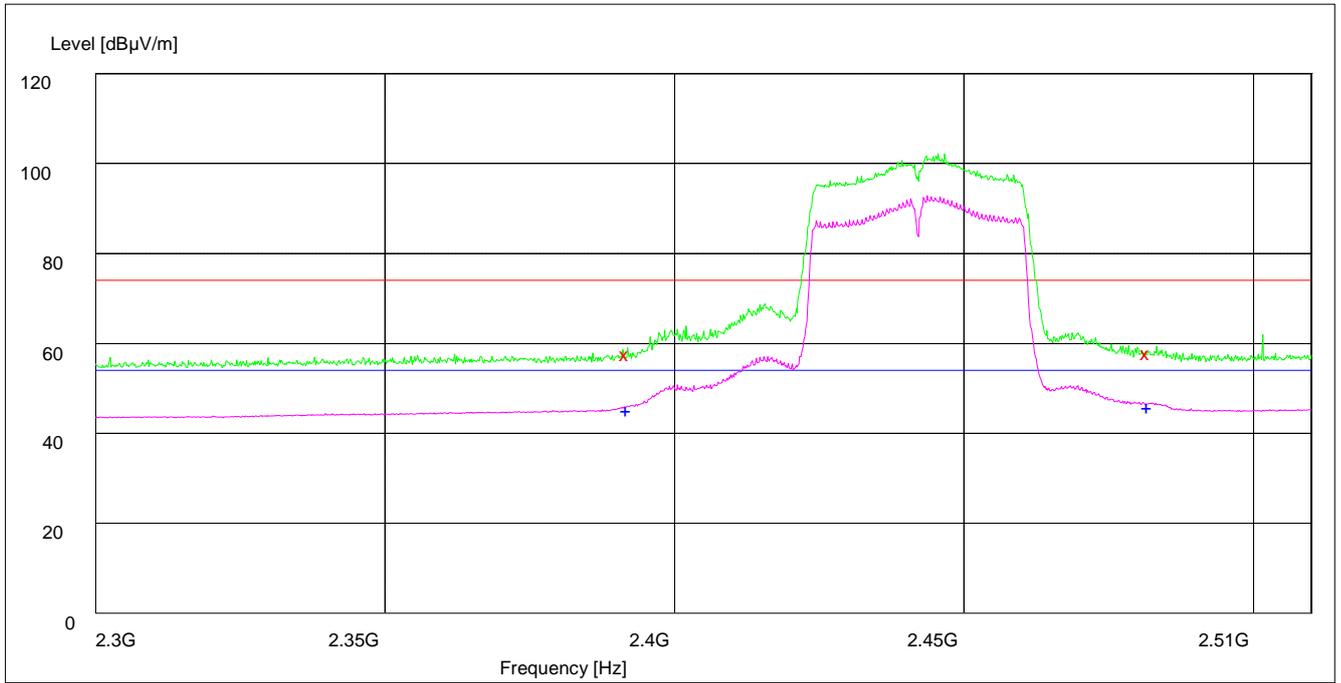
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	65.70	34.7	74.0	8.3	100.0	146.00	HORIZONTAL
2483.500000	56.20	35.0	74.0	17.8	125.0	231.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	50.00	34.7	54.0	4.0	100.0	146.00	HORIZONTAL
2483.500000	46.50	35.0	54.0	7.5	100.0	143.00	HORIZONTAL

Channel 07



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

MEASUREMENT RESULT: PK Detector

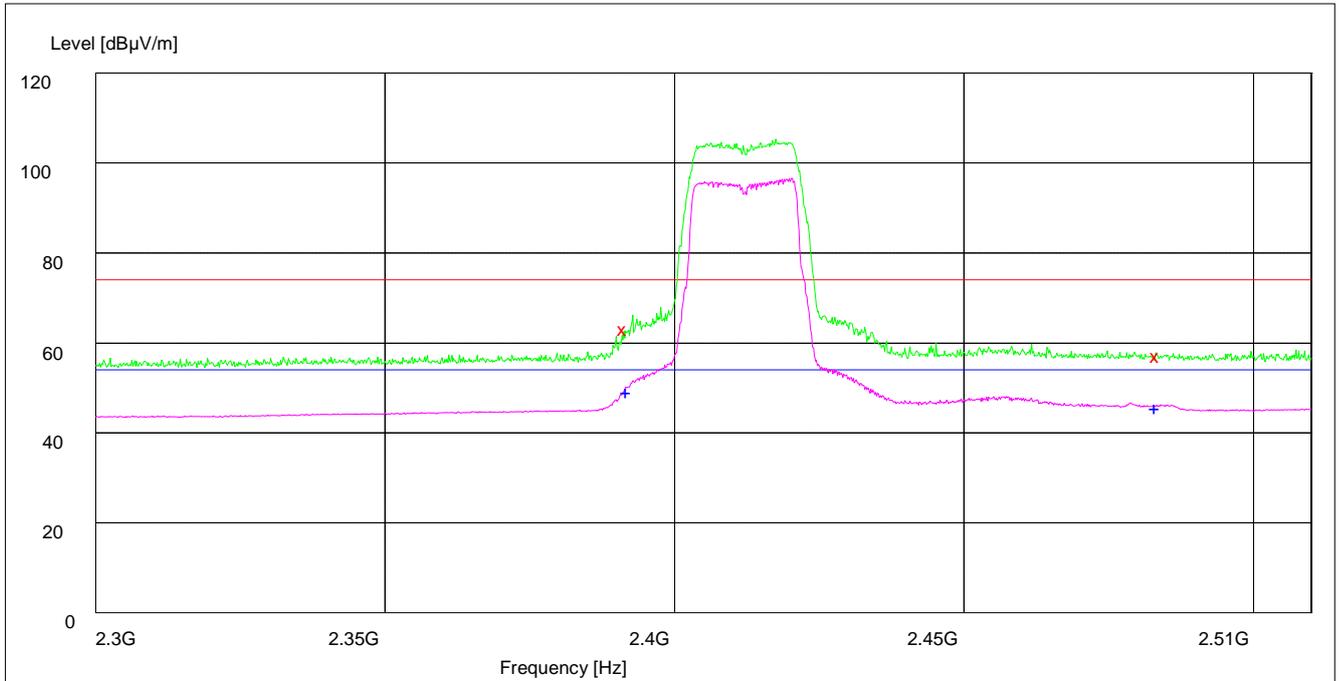
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.90	34.7	74.0	17.1	108.0	218.00	HORIZONTAL
2483.500000	58.30	35.0	74.0	15.7	100.0	218.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.10	34.7	54.0	7.9	100.0	259.00	HORIZONTAL
2483.500000	46.80	35.0	54.0	7.2	100.0	199.00	HORIZONTAL

Test Mode: ANT1-11N-20M

Channel 01



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

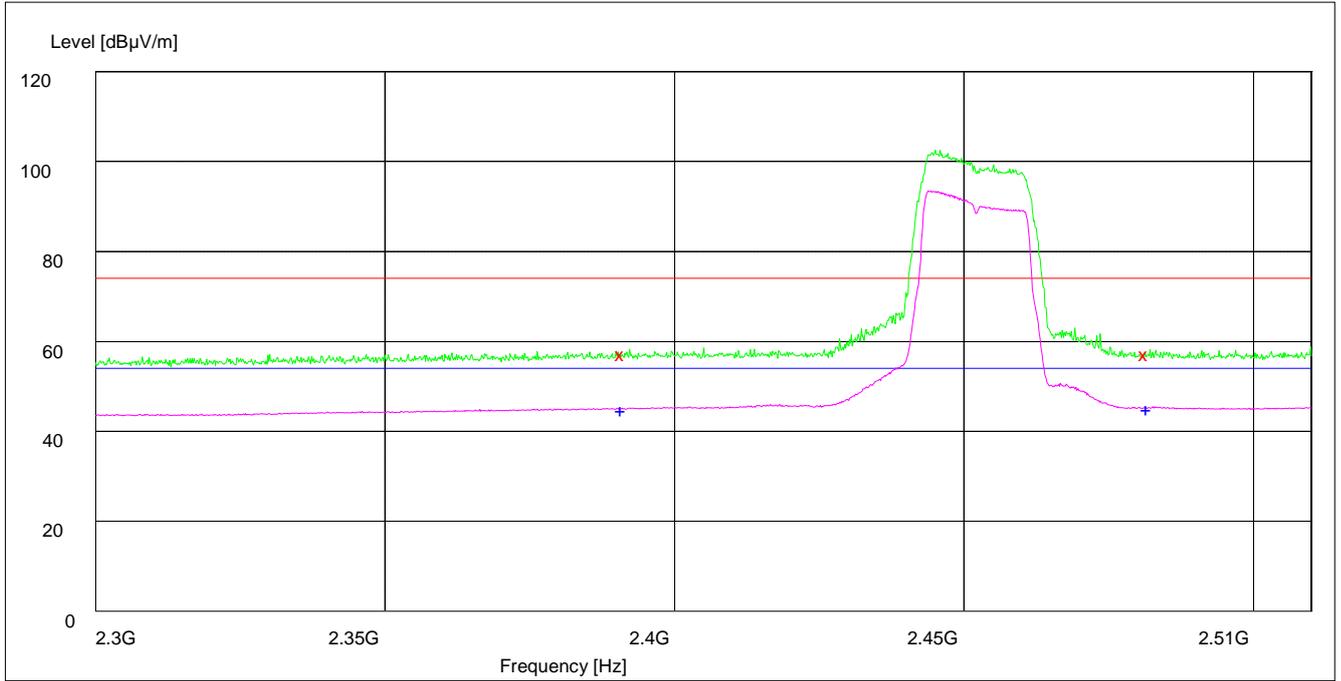
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	65.10	34.7	74.0	8.9	100.0	139.00	HORIZONTAL
2483.500000	57.40	35.0	74.0	16.6	100.0	140.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	49.30	34.7	54.0	4.7	100.0	141.00	HORIZONTAL
2483.500000	44.90	35.0	54.0	9.1	100.0	140.00	HORIZONTAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

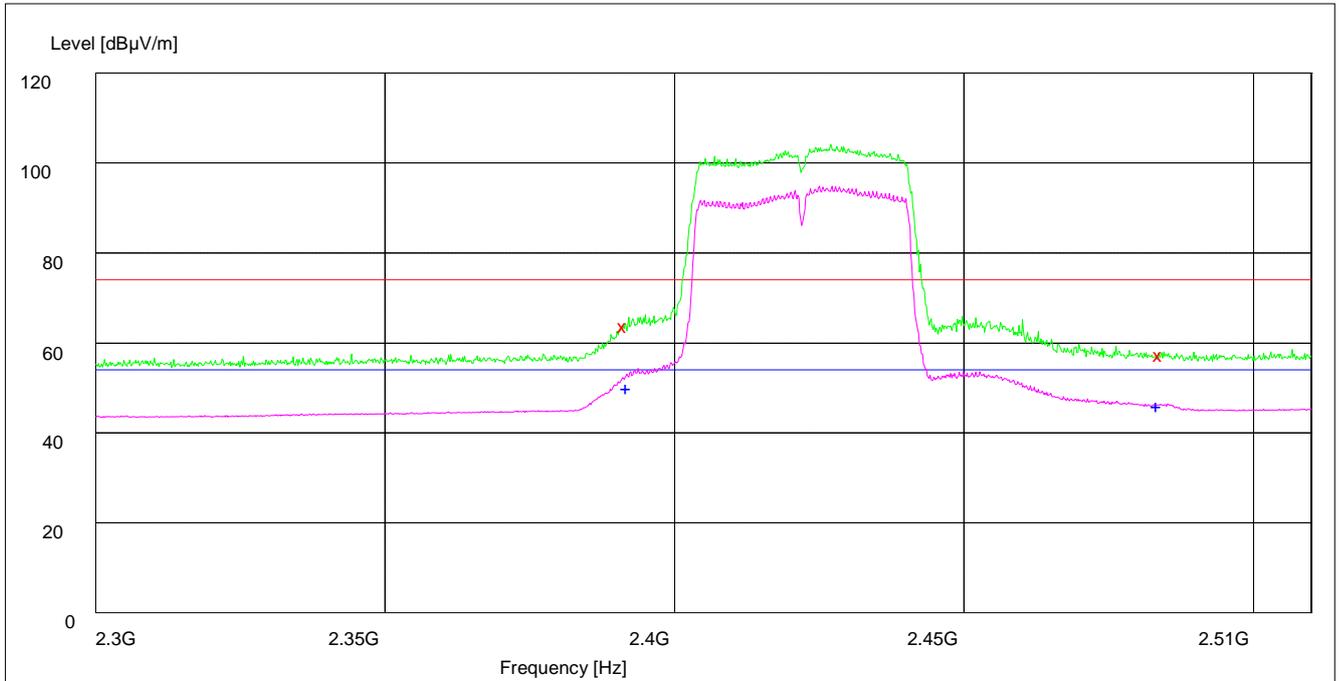
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.00	34.7	74.0	18.0	132.0	117.00	VERTICAL
2483.500000	57.50	35.0	74.0	16.5	100.0	328.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.60	34.7	54.0	10.4	101.0	259.00	HORIZONTAL
2483.500000	45.50	35.0	54.0	8.5	112.0	55.00	VERTICAL

Test Mode: ANT1-11N-40M

Channel 03



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

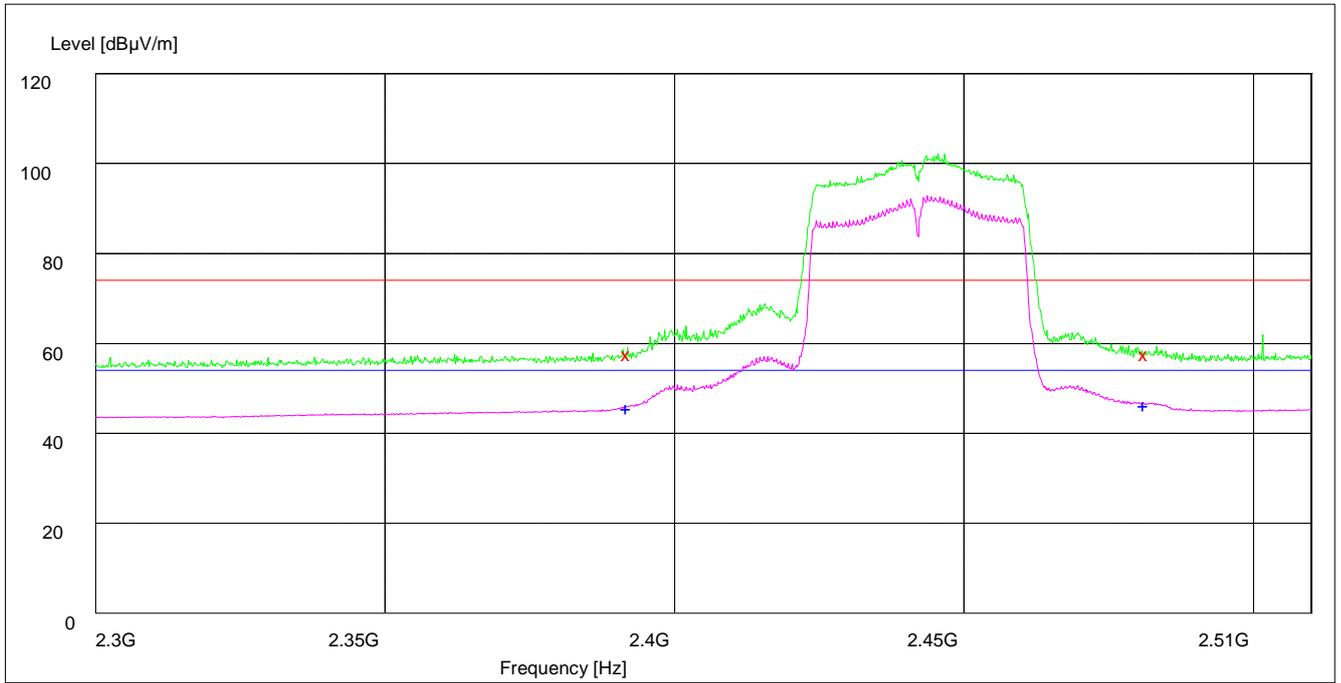
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	65.70	34.7	74.0	8.3	100.0	146.00	HORIZONTAL
2483.500000	56.20	35.0	74.0	17.8	125.0	231.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	50.00	34.7	54.0	4.0	100.0	146.00	HORIZONTAL
2483.500000	46.50	35.0	54.0	7.5	100.0	143.00	HORIZONTAL

Channel 07



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

MEASUREMENT RESULT: PK Detector

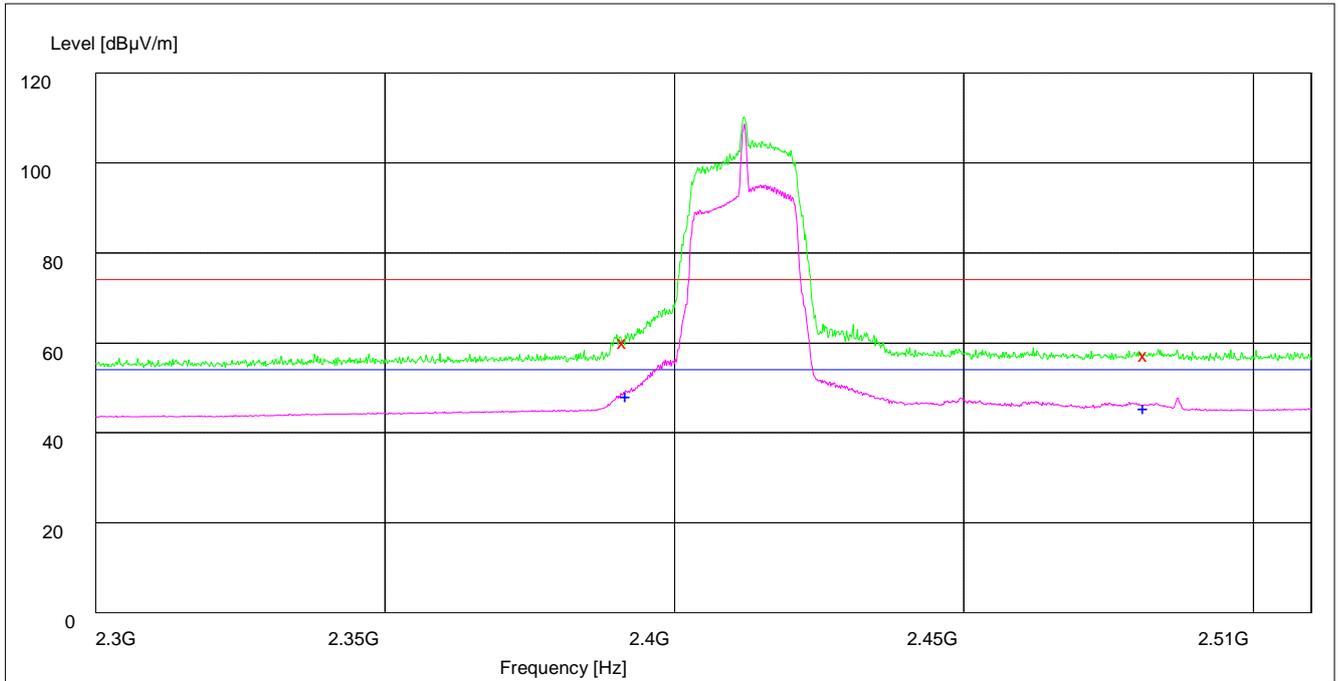
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.90	34.7	74.0	17.1	108.0	218.00	HORIZONTAL
2483.500000	58.30	35.0	74.0	15.7	100.0	218.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.10	34.7	54.0	7.9	100.0	259.00	HORIZONTAL
2483.500000	46.80	35.0	54.0	7.2	100.0	199.00	HORIZONTAL

Test Mode: 11N-MIMO-20M

Channel 01



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

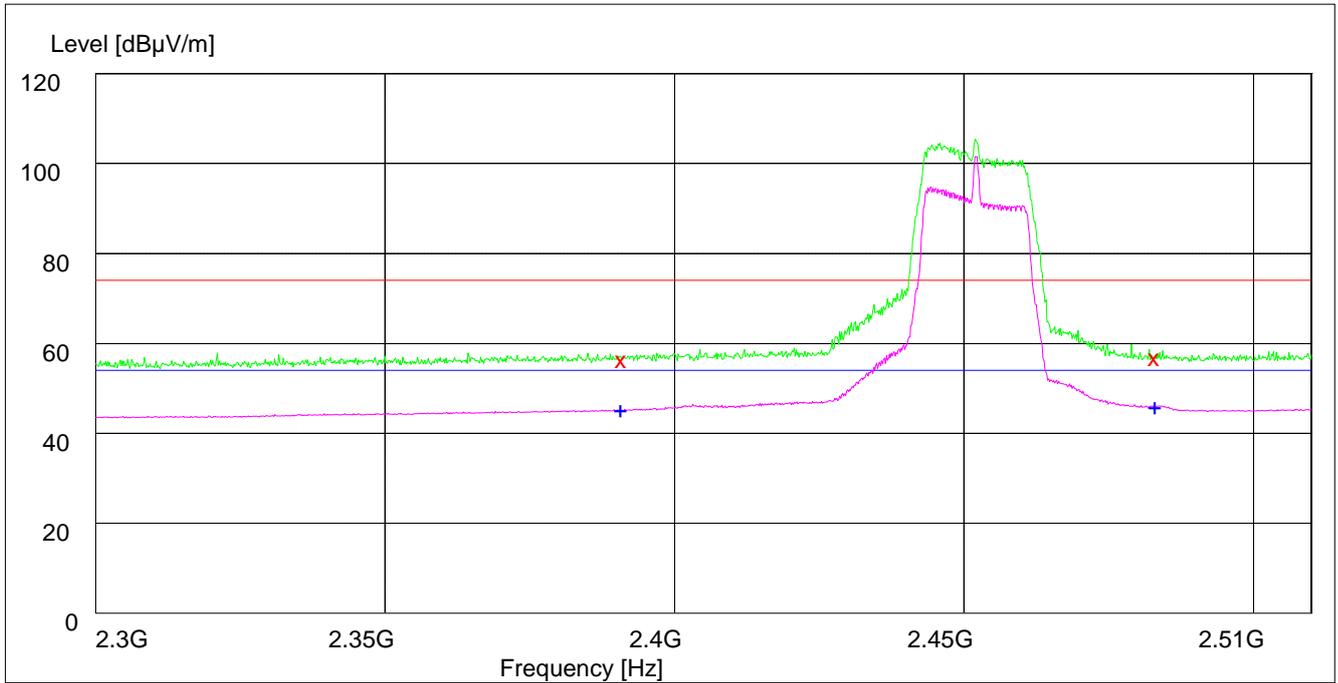
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	62.20	34.7	74.0	11.8	101.0	261.00	HORIZONTAL
2483.500000	56.30	35.0	74.0	17.7	100.0	140.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.90	34.7	54.0	6.1	101.0	257.00	HORIZONTAL
2483.500000	45.30	35.0	54.0	8.7	101.0	142.00	HORIZONTAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

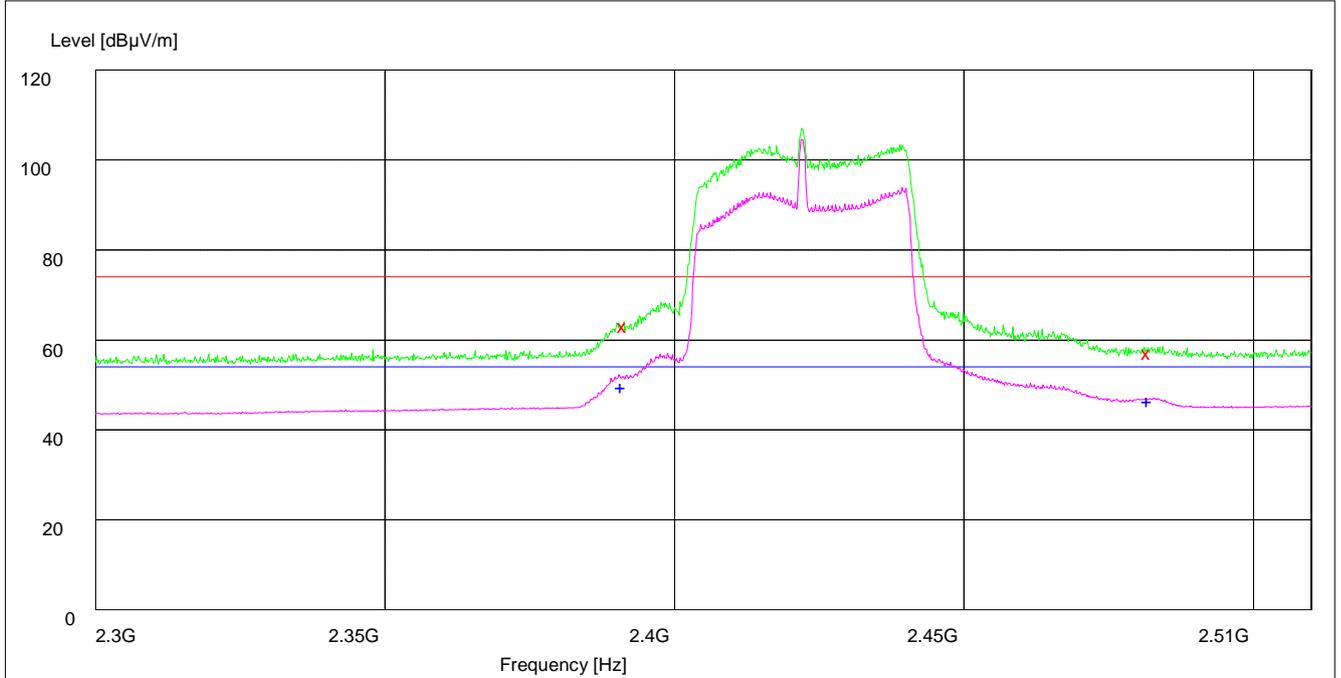
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.40	34.7	74.0	17.6	103.0	261.00	HORIZONTAL
2483.500000	55.80	35.0	74.0	18.2	101.0	144.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.80	34.7	54.0	10.2	126.0	48.00	VERTICAL
2483.500000	46.10	35.0	54.0	7.9	100.0	142.00	HORIZONTAL

Test Mode: MIMO-11N-40M

Channel 03



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

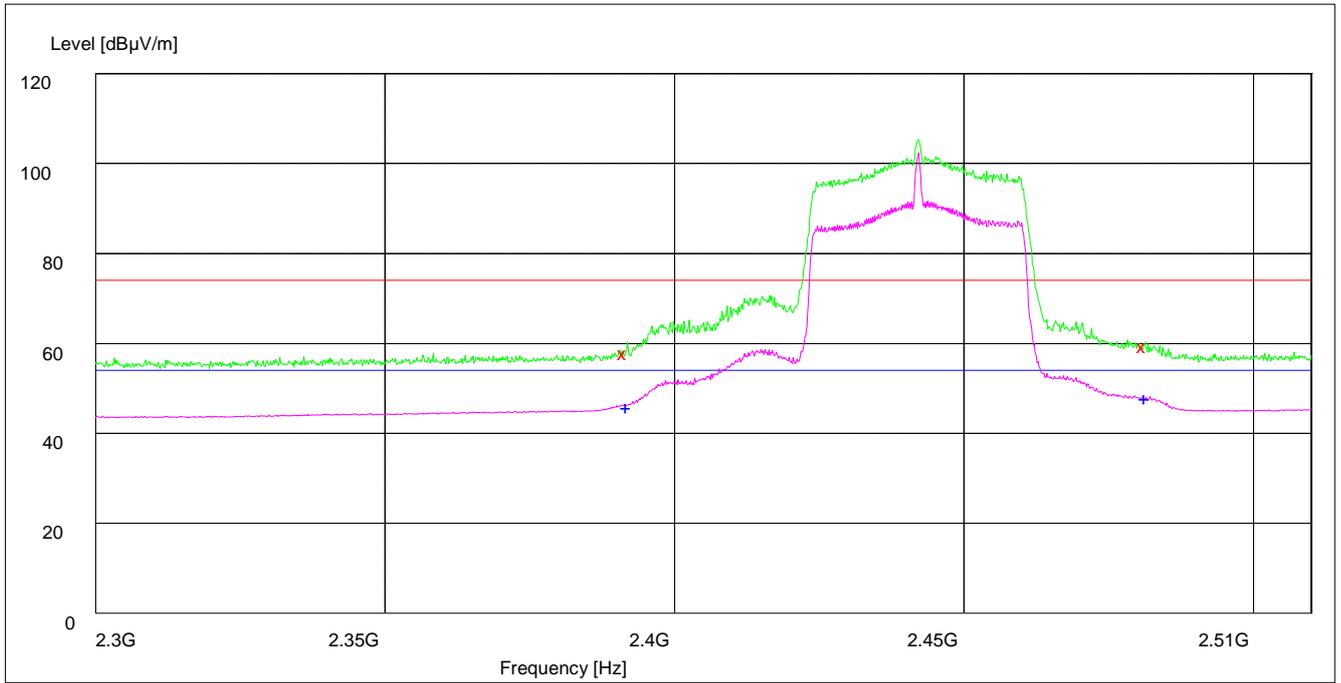
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	65.30	34.7	74.0	8.7	100.0	259.00	HORIZONTAL
2483.500000	57.20	35.0	74.0	16.8	100.0	262.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	50.00	34.7	54.0	4.0	100.0	257.00	HORIZONTAL
2483.500000	46.20	35.0	54.0	7.8	100.0	142.00	HORIZONTAL

Channel 07



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

MEASUREMENT RESULT: PK Detector

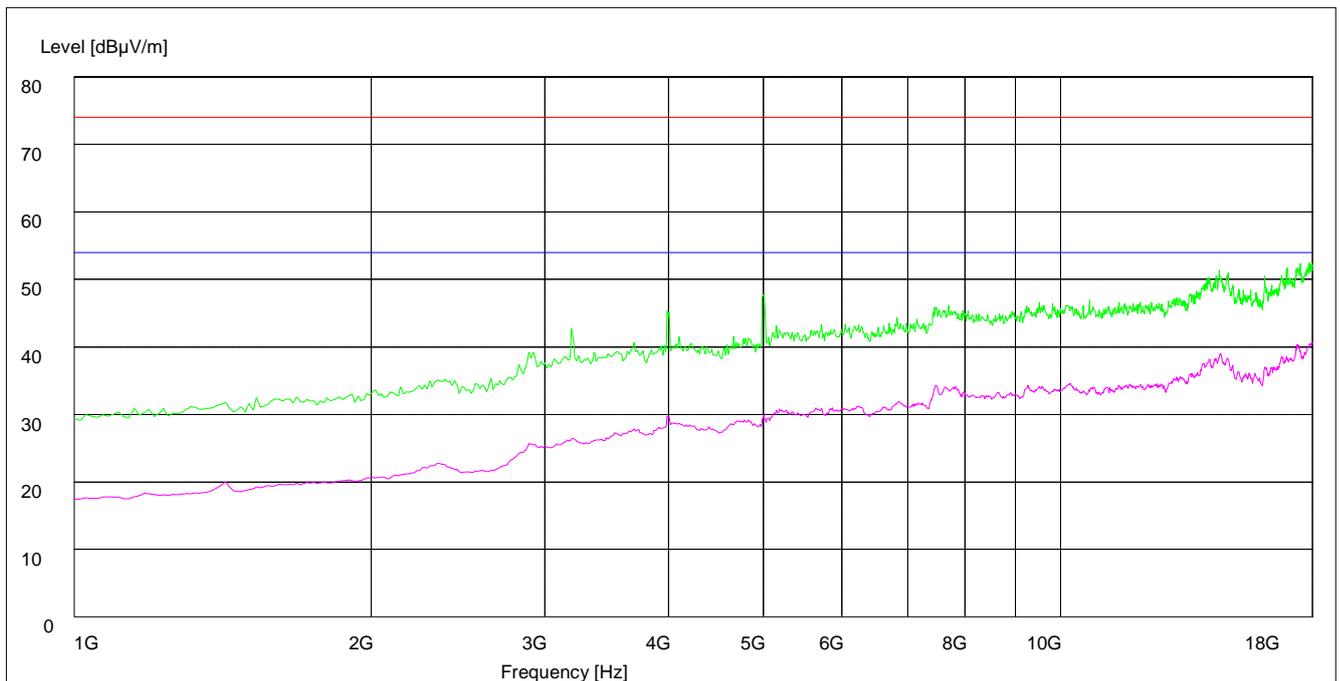
Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.00	34.7	74.0	14.0	100.0	221.00	HORIZONTAL
2483.500000	61.00	35.0	74.0	13.0	100.0	146.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV/m	Transd dB	Limit dBµV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.30	34.7	54.0	7.7	100.0	256.00	HORIZONTAL
2483.500000	46.30	35.0	54.0	7.7	100.0	143.00	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 μ V/m) and Average Limit (54 dB μ V/m).

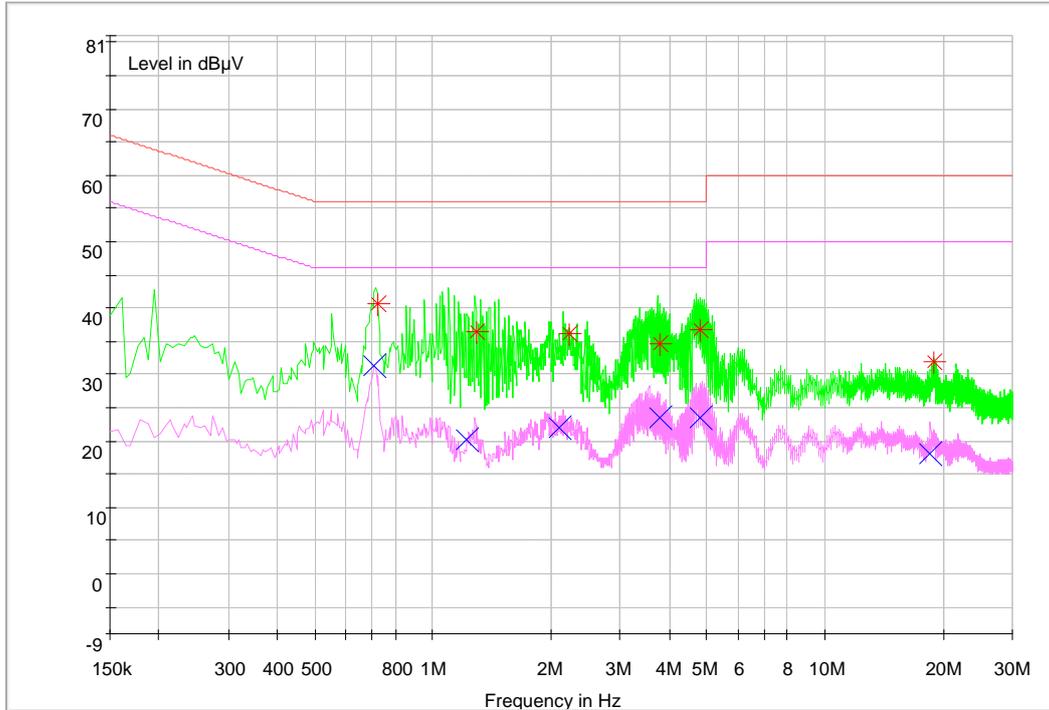




Appendix G

Conducted Emission at Power Port

Channel 5



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.719246	40.6	9.7	56.0	15.4	L1	FLO
1.294796	36.3	9.7	56.0	19.7	N	FLO
2.227606	36.2	9.7	56.0	19.8	L1	FLO
3.804278	34.7	9.7	56.0	21.3	N	FLO
4.774860	36.8	9.8	56.0	19.2	N	FLO
18.870356	31.9	10.1	60.0	28.1	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.707441	31.5	9.7	46.0	14.5	L1	FLO
1.221428	20.1	9.7	46.0	25.9	N	FLO
2.097416	21.9	9.7	46.0	24.1	L1	FLO
3.772616	23.4	9.7	46.0	22.6	N	FLO
4.786170	23.4	9.8	46.0	22.6	L1	FLO
18.537442	18.2	10.1	50.0	31.8	L1	FLO

END