



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.

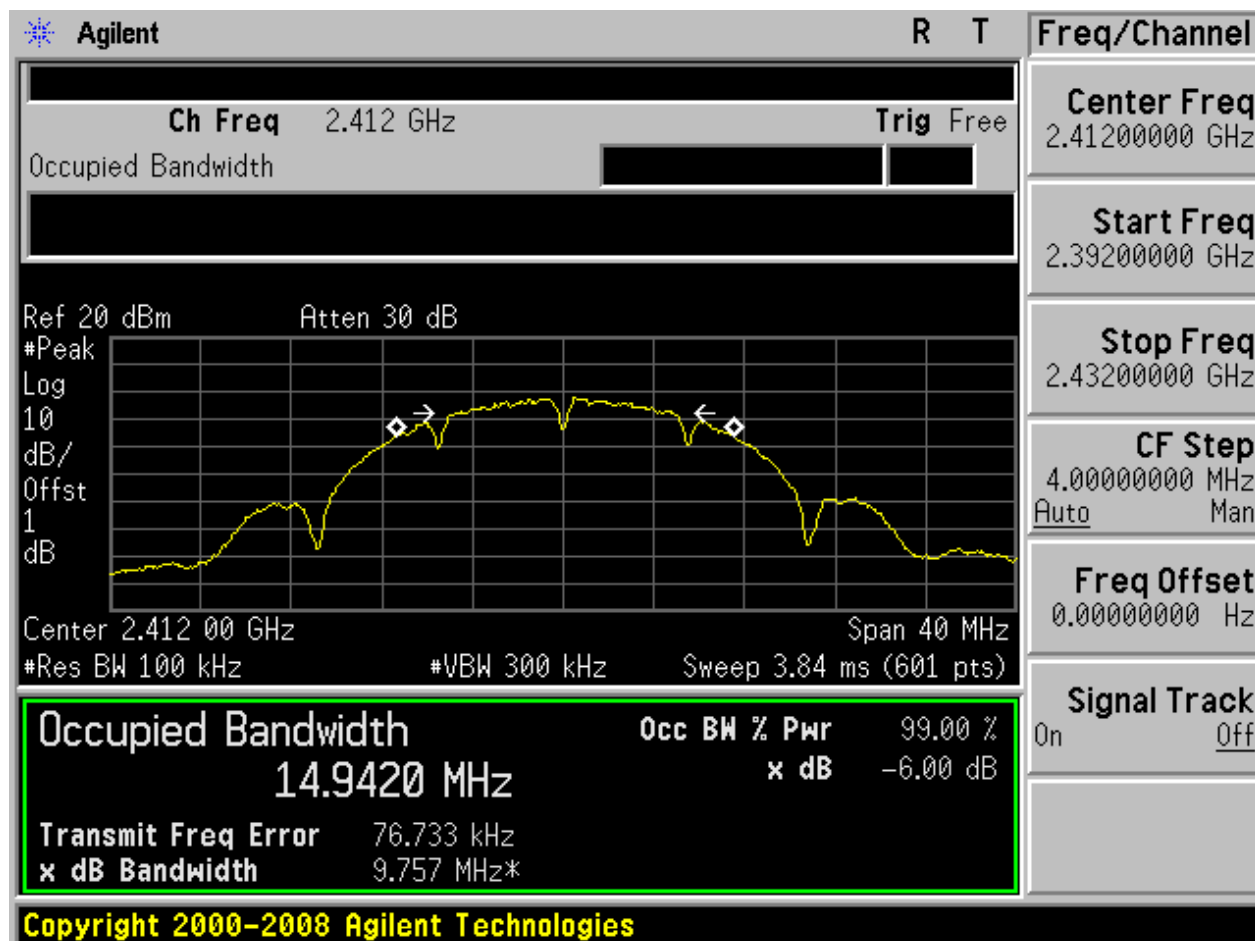
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11B	L	2412	Ant 1	9.76	pass
11B	L	2412	Ant 2	9.83	pass
11B	M	2427	Ant 1	10.00	pass
11B	M	2427	Ant 2	9.95	pass
11B	H	2442	Ant 1	9.92	pass
11B	H	2442	Ant 2	9.97	pass
11G	L	2412	Ant 1	16.59	pass
11G	L	2412	Ant 2	16.59	pass
11G	M	2427	Ant 1	16.59	pass
11G	M	2427	Ant 2	16.60	pass
11G	H	2442	Ant 1	16.58	pass
11G	H	2442	Ant 2	16.58	pass
11N20	L	2412	Ant 1	17.81	pass
11N20	L	2412	Ant 2	17.80	pass
11N20	M	2427	Ant 1	17.84	pass
11N20	M	2427	Ant 2	17.82	pass
11N20	H	2442	Ant 1	17.84	pass
11N20	H	2442	Ant 2	17.49	pass
11N20m	L	2412	Ant 1	17.79	pass
11N20m	L	2412	Ant 2	17.82	pass
11N20m	M	2427	Ant 1	17.81	pass
11N20m	M	2427	Ant 2	17.80	pass
11N20m	H	2442	Ant 1	17.81	pass
11N20m	H	2442	Ant 2	17.80	pass
11N40	L	2422	Ant 1	36.50	pass
11N40	L	2422	Ant 2	36.53	pass
11N40	M	2427	Ant 1	36.52	pass
11N40	M	2427	Ant 2	36.55	pass

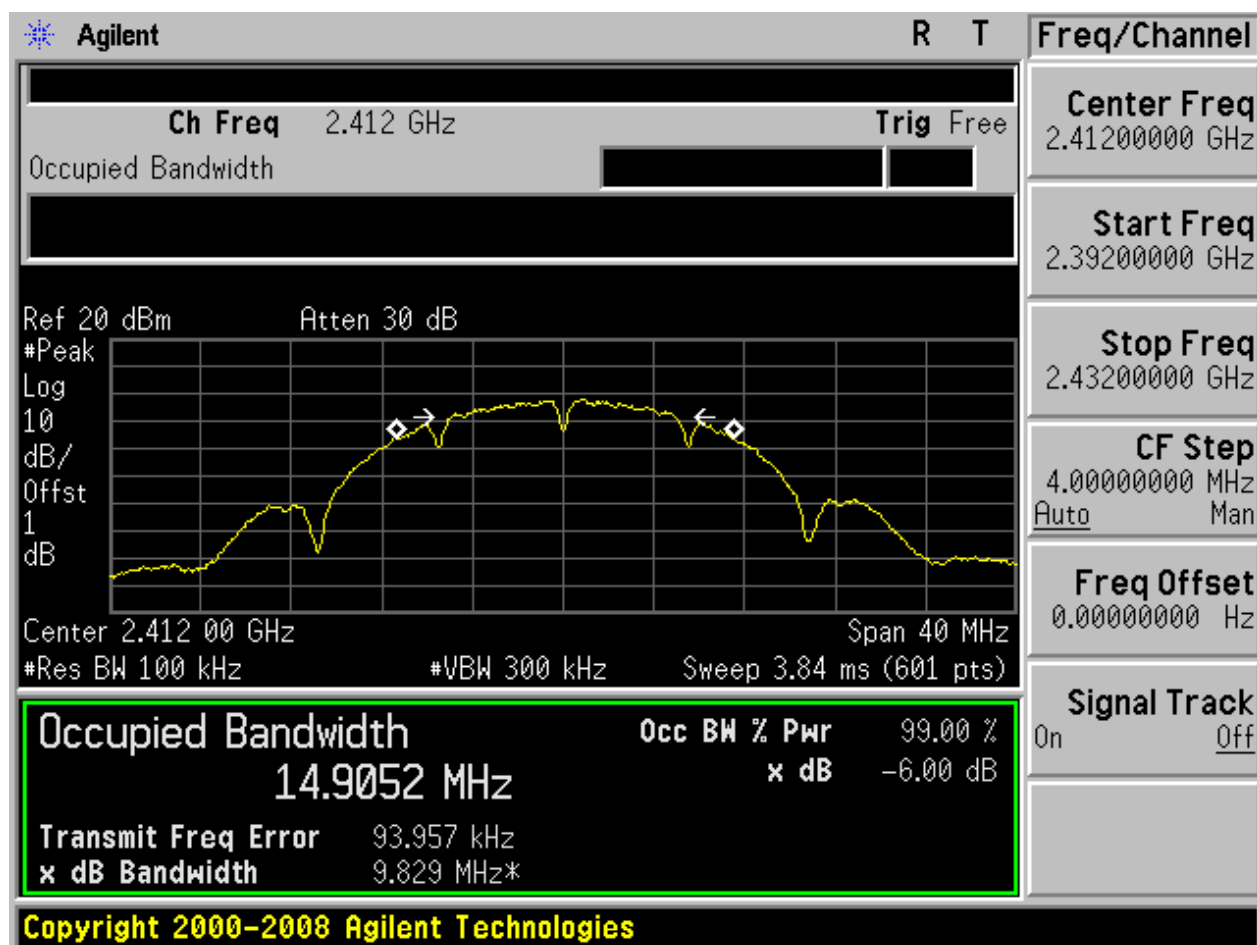
Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11N40	H	2432	Ant 1	36.53	pass
11N40	H	2432	Ant 2	36.60	pass
11N40m	L	2422	Ant 1	36.50	pass
11N40m	L	2422	Ant 2	36.53	pass
11N40m	M	2427	Ant 1	36.53	pass
11N40m	M	2427	Ant 2	36.54	pass
11N40m	H	2432	Ant 1	36.51	pass
11N40m	H	2432	Ant 2	36.56	pass

Part II - Test Plots

2.1 11B_L@Ant 1

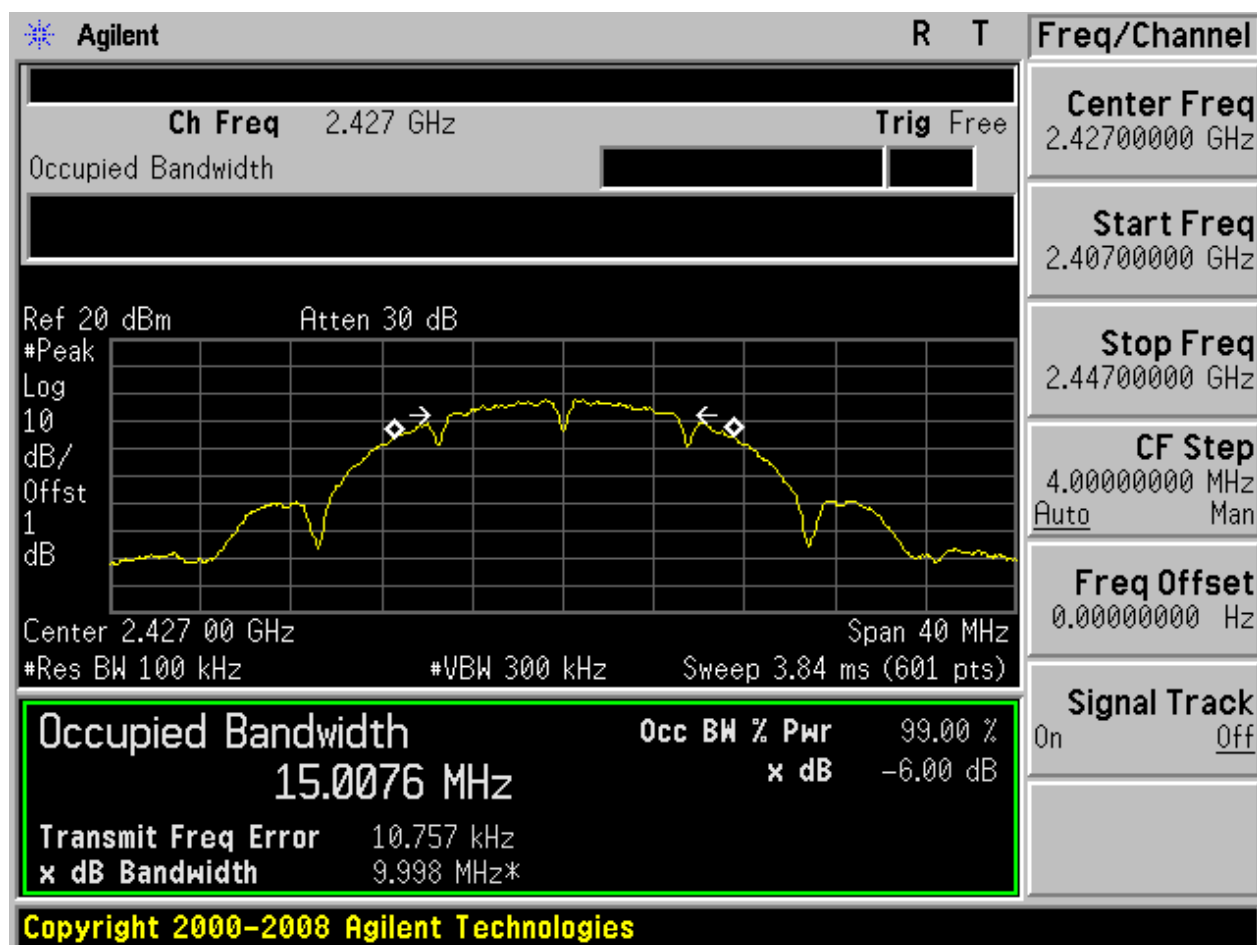


2.2 11B_L@Ant 2



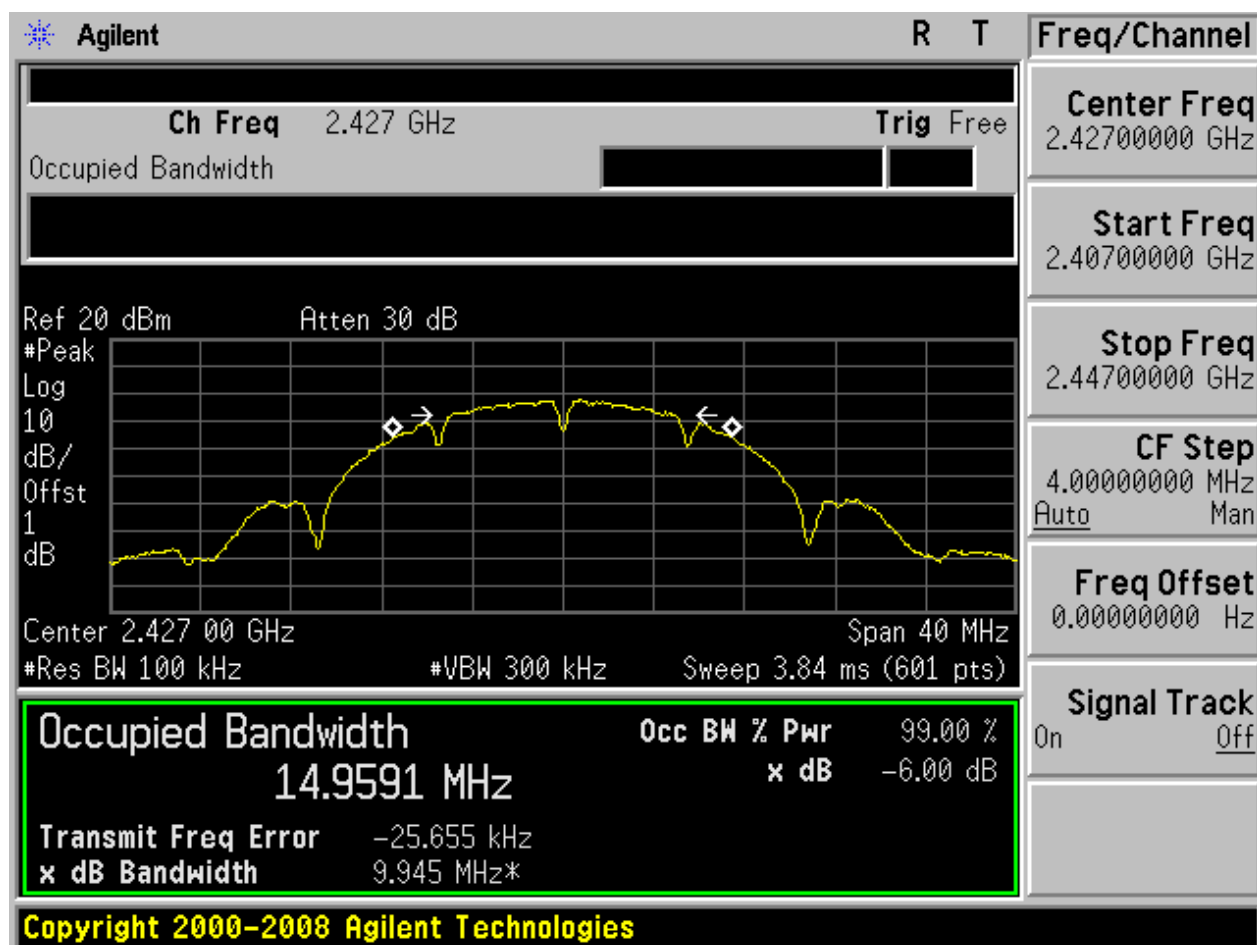


2.3 11B_M@Ant 1



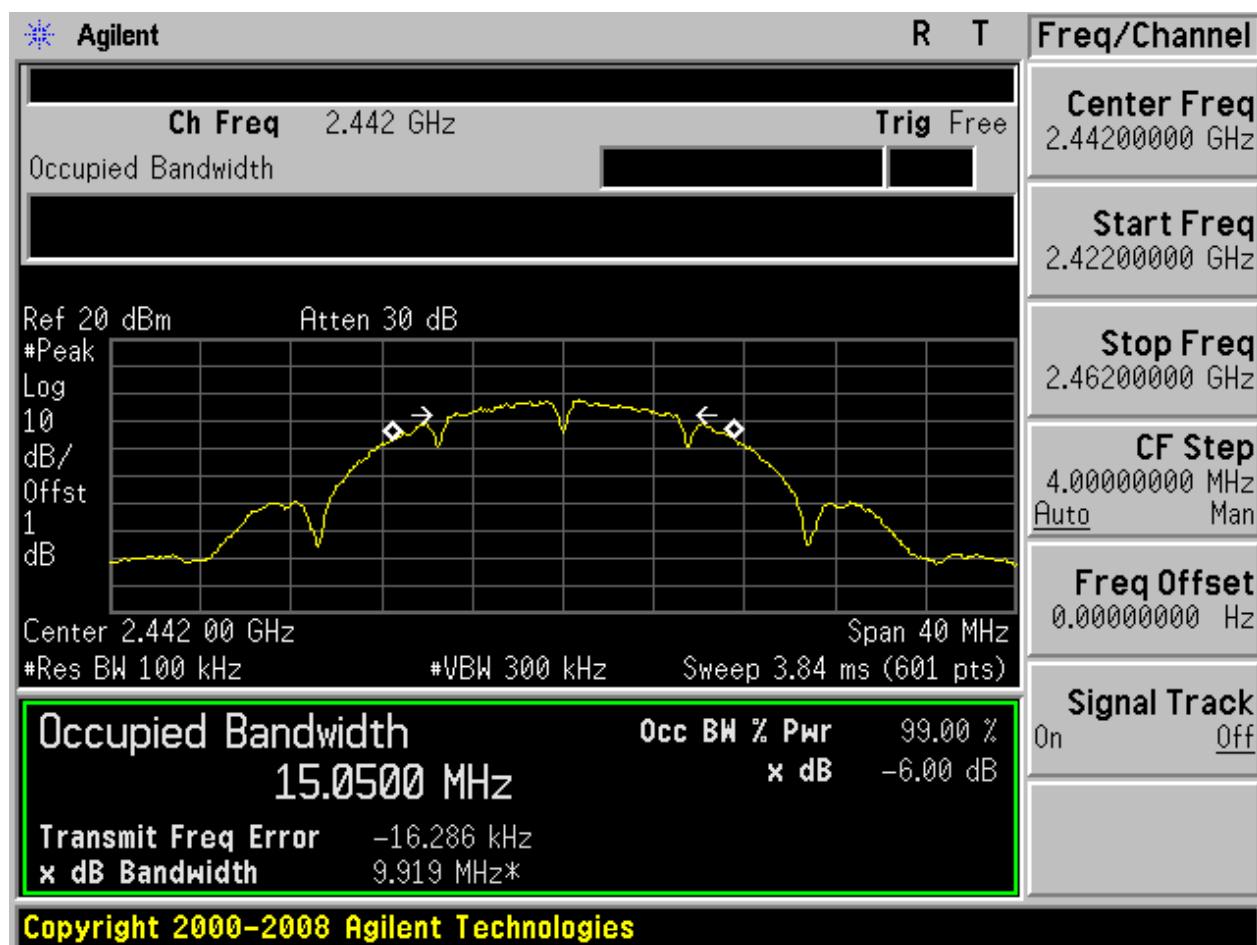


2.4 11B_M@Ant 2



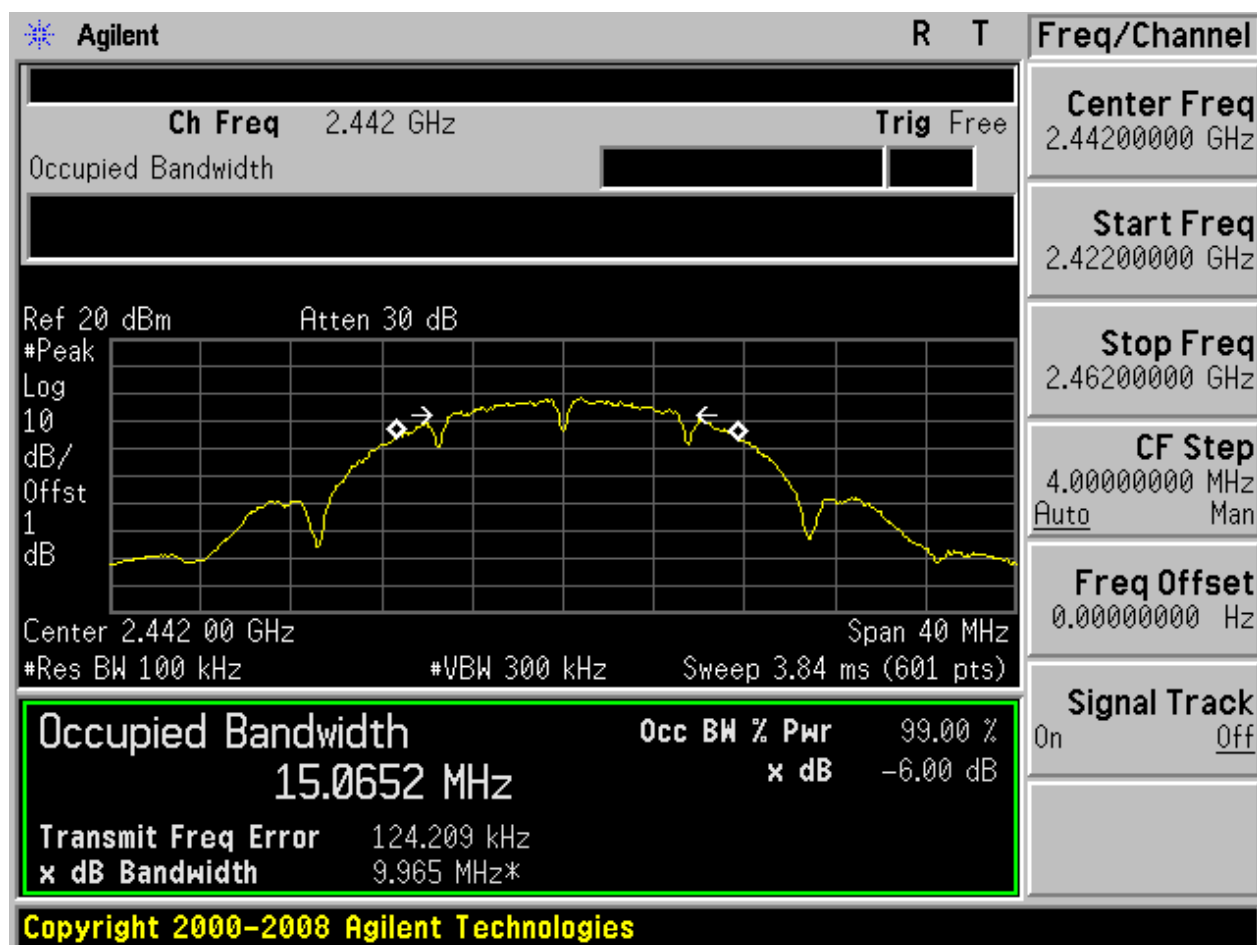


2.5 11B_H@Ant 1



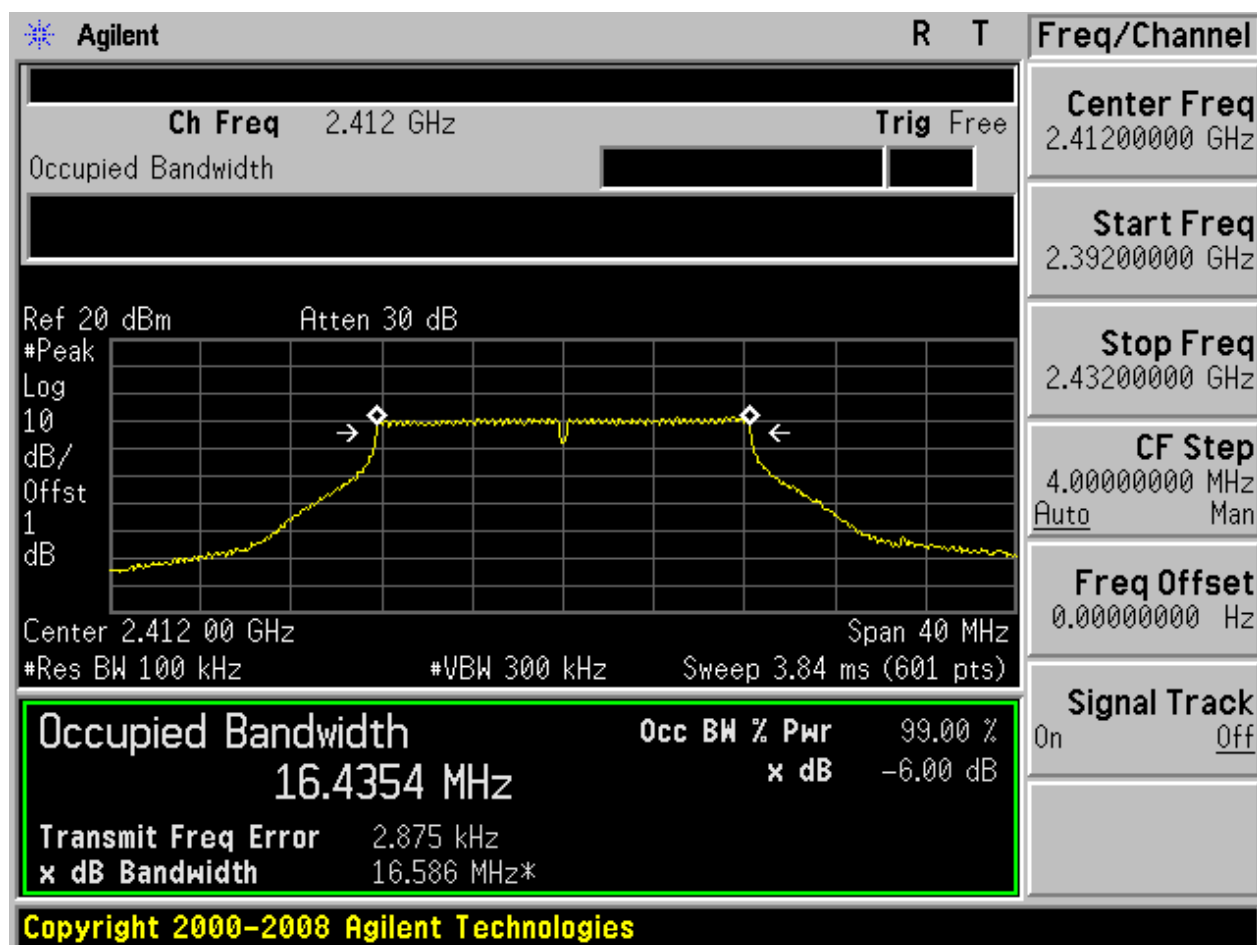


2.6 11B_H@Ant 2



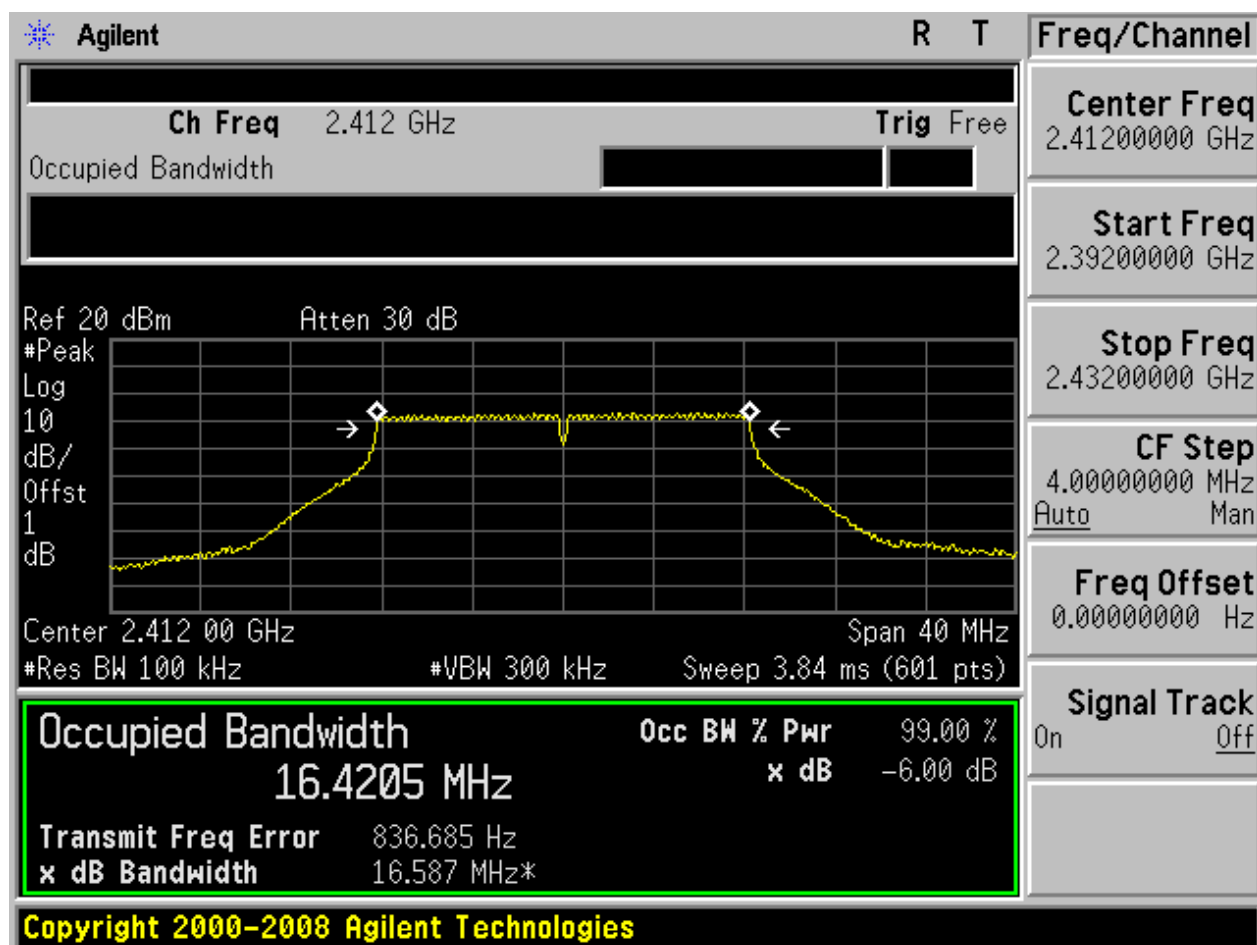


2.7 11G_L@Ant 1



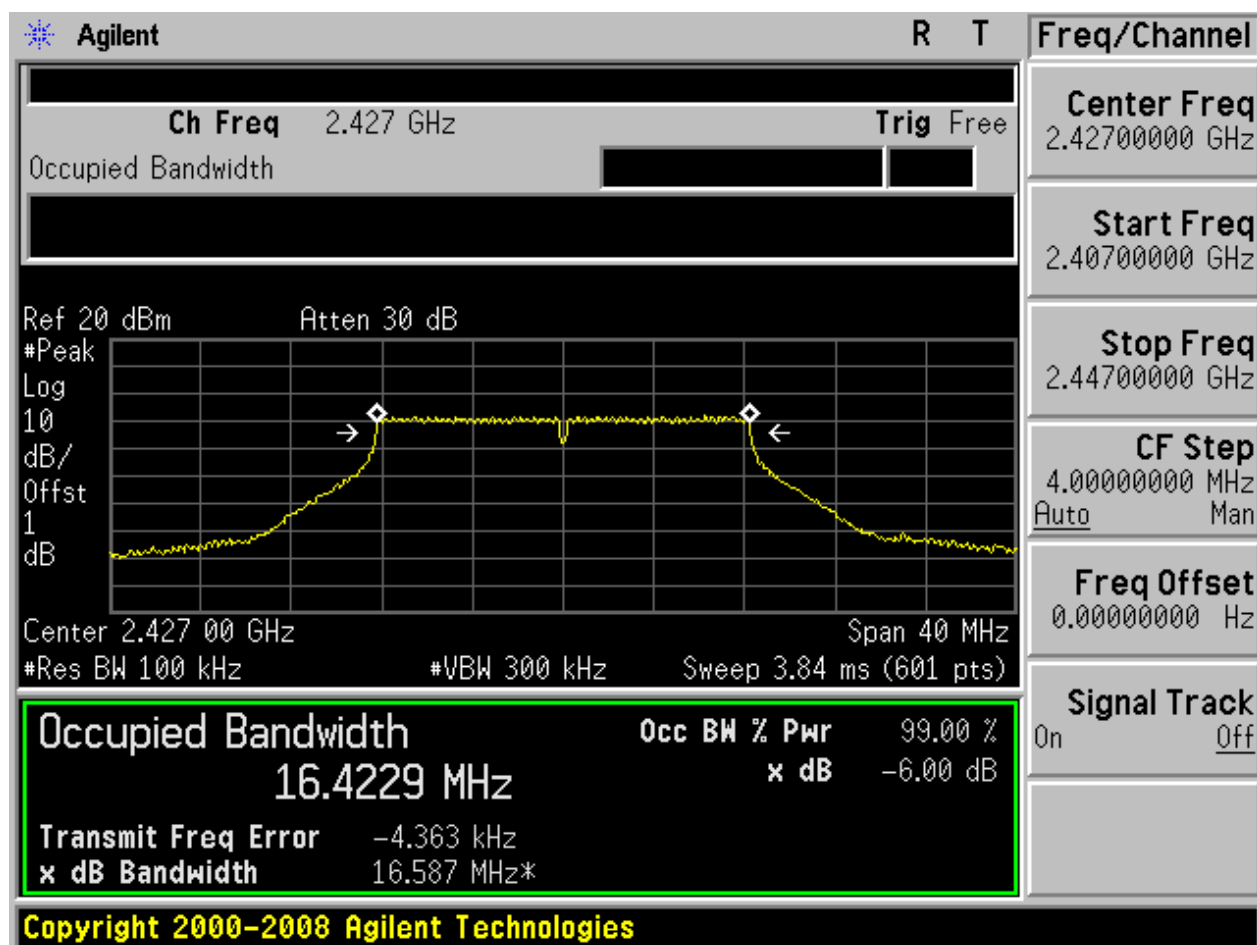


2.8 11G_L@Ant 2

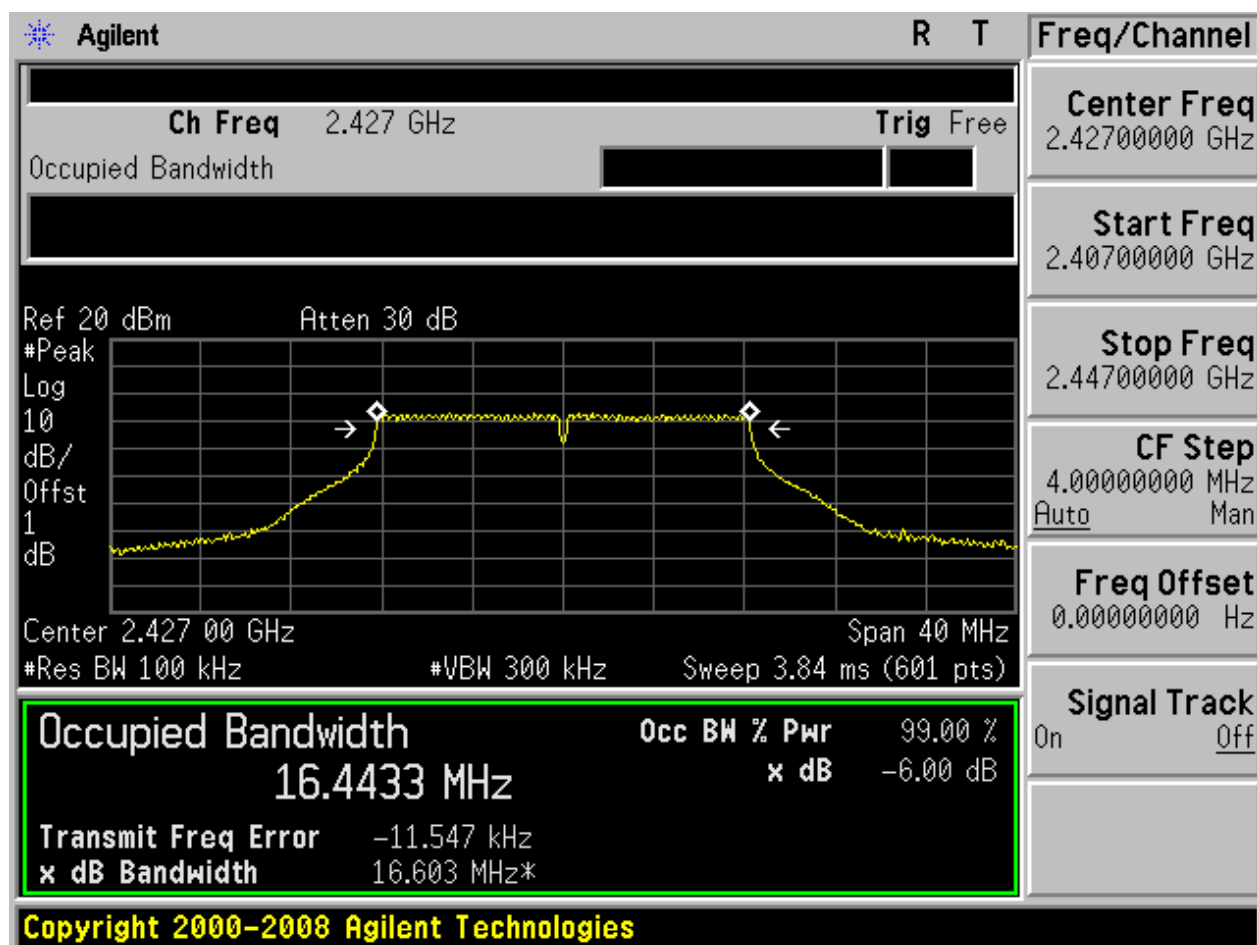


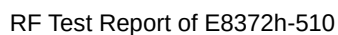


2.9 11G_M@Ant 1



2.10 11G_M@Ant 2





Agilent R T

Ch Freq 2.442 GHz **Trig** Free

Occupied Bandwidth

Ref 20 dBm Atten 30 dB

#Peak Log 10 dB/Offst 1 dB

Center 2.442 00 GHz Span 40 MHz

#Res BW 100 kHz #VBW 300 kHz Sweep 3.84 ms (601 pts)

Occupied Bandwidth **Occ BW % Pwr** 99.00 %

16.4288 MHz **x dB** -6.00 dB

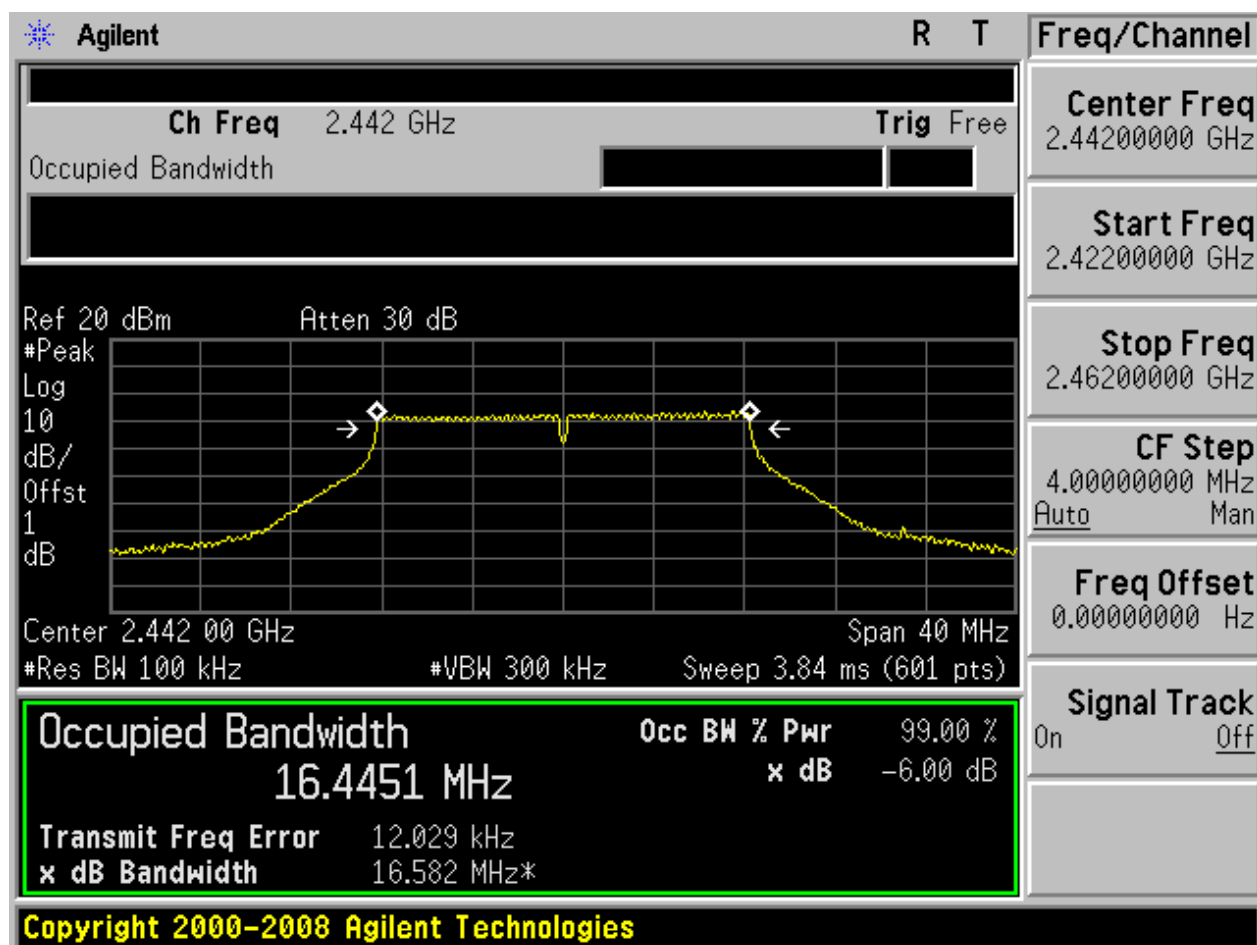
Transmit Freq Error -5.841 kHz

x dB Bandwidth 16.580 MHz*

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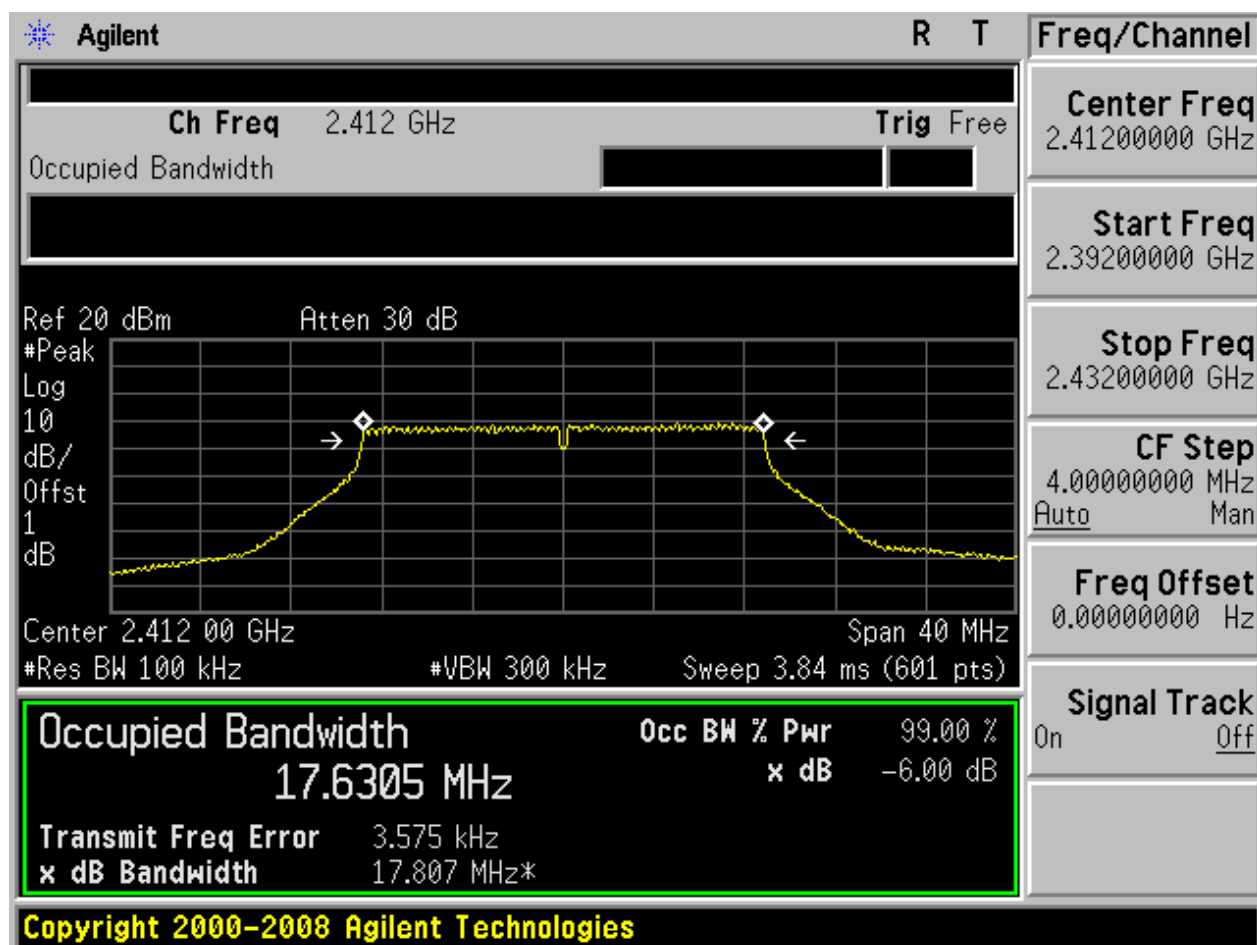


2.12 11G_H@Ant 2

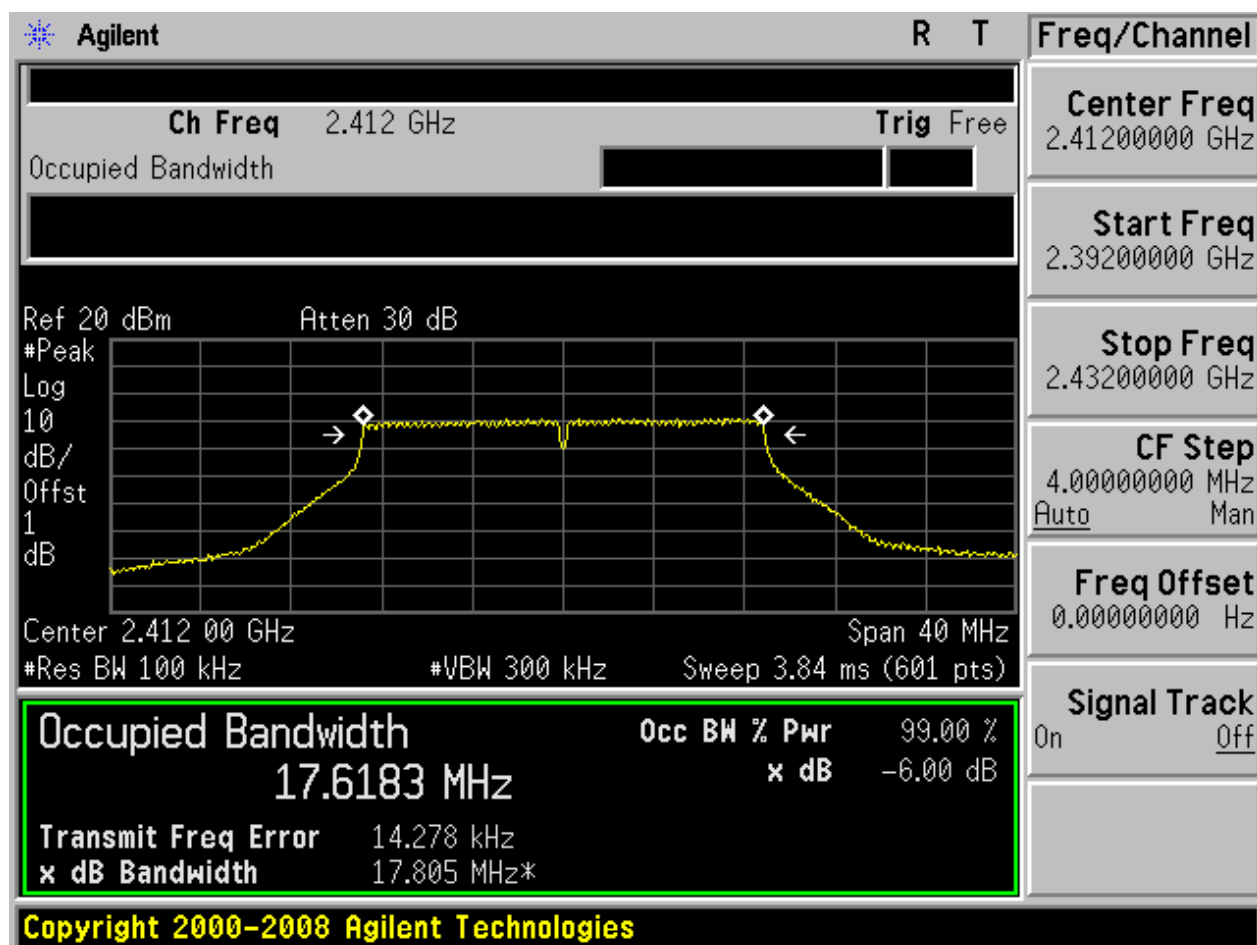




2.13 11N20_L@Ant 1

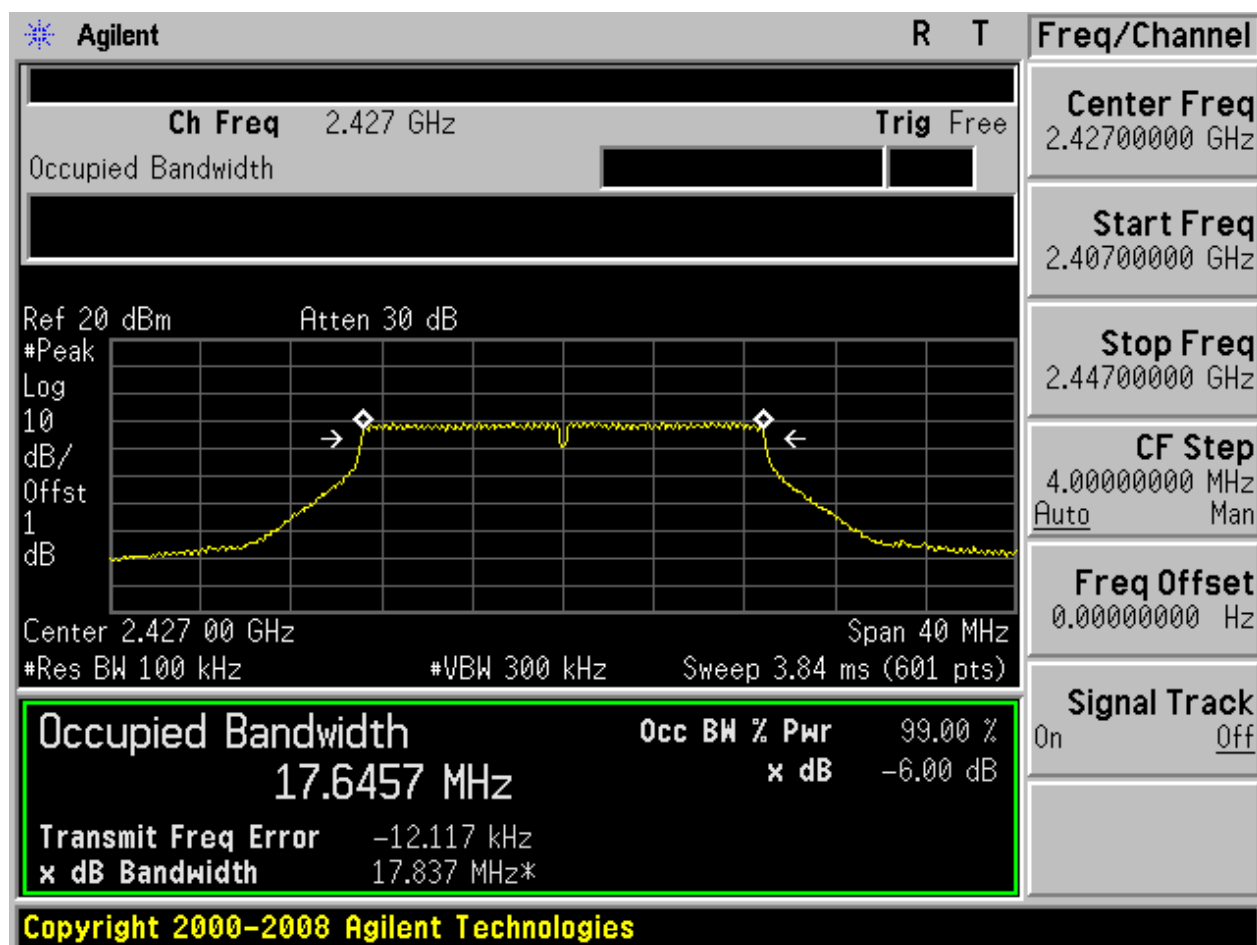


2.14 11N20_L@Ant 2

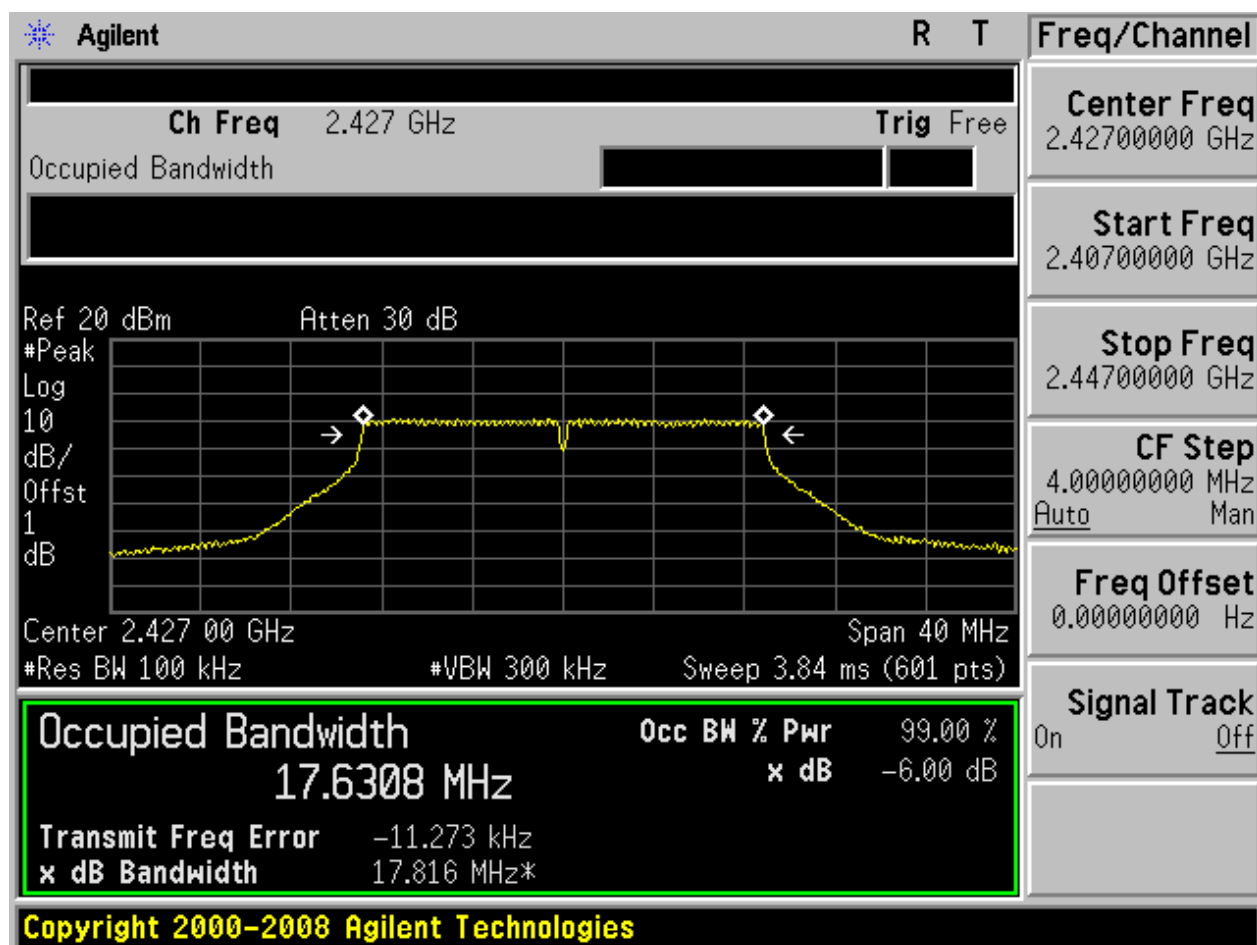




2.15 11N20_M@Ant 1

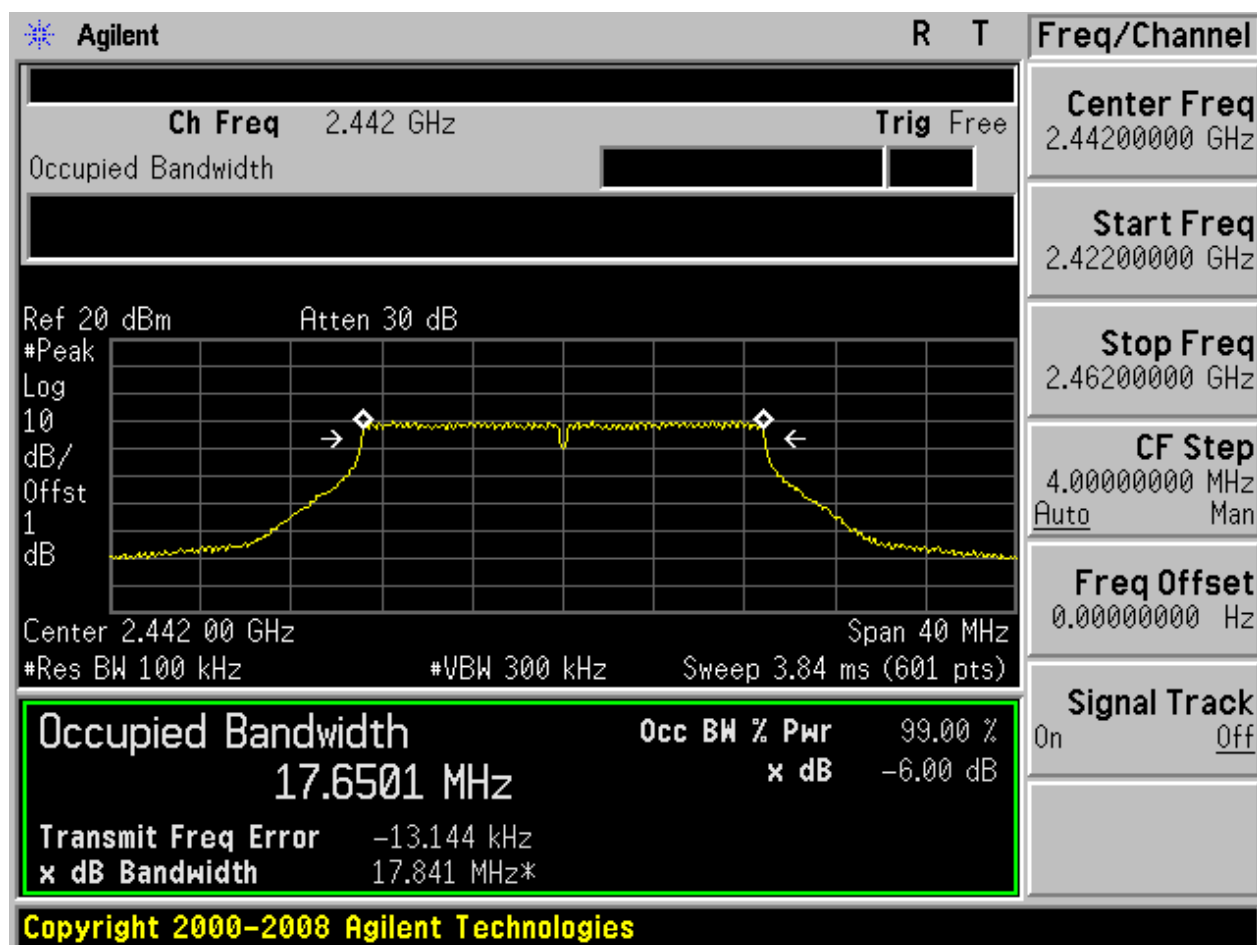


2.16 11N20_M@Ant 2



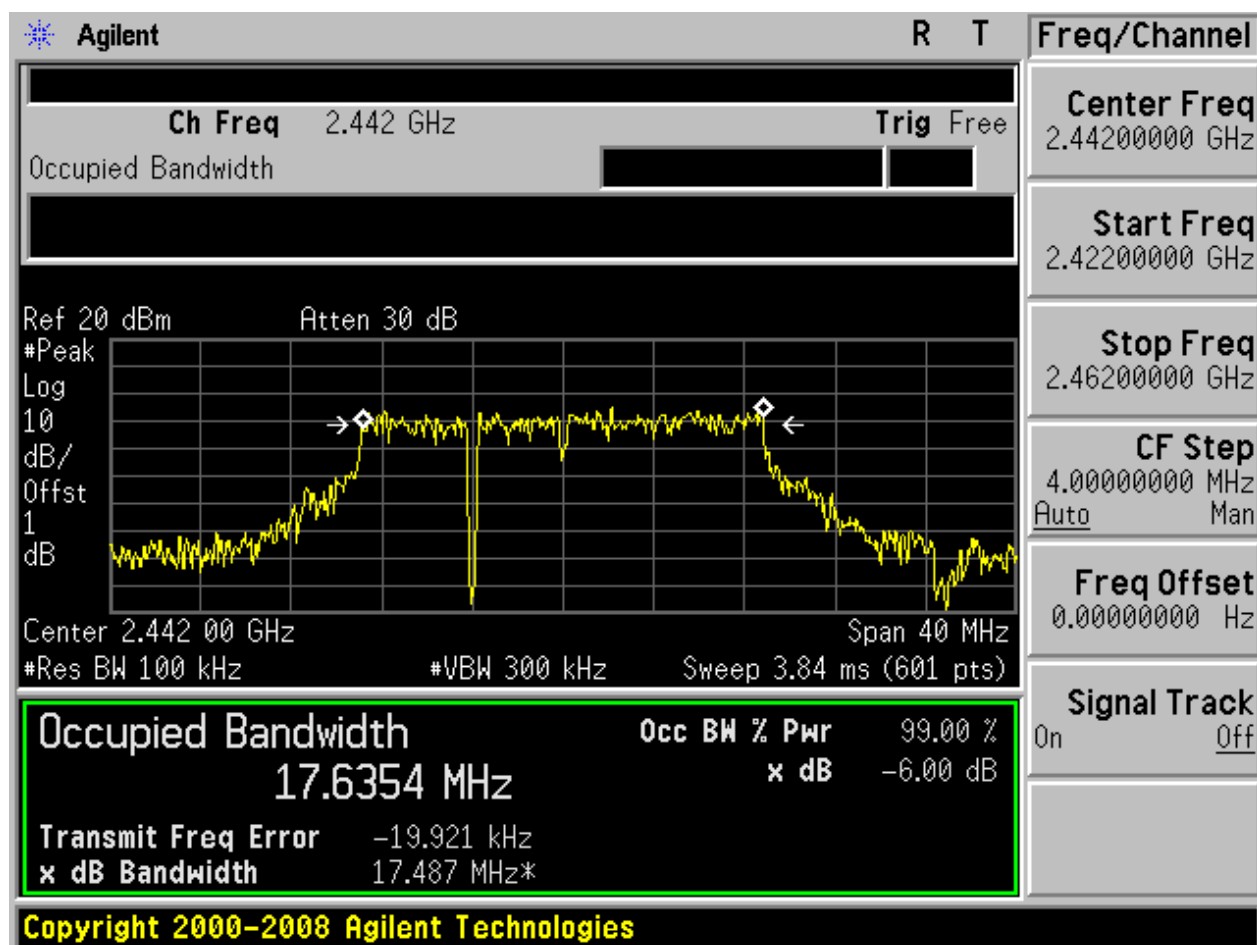


2.17 11N20_H@Ant 1

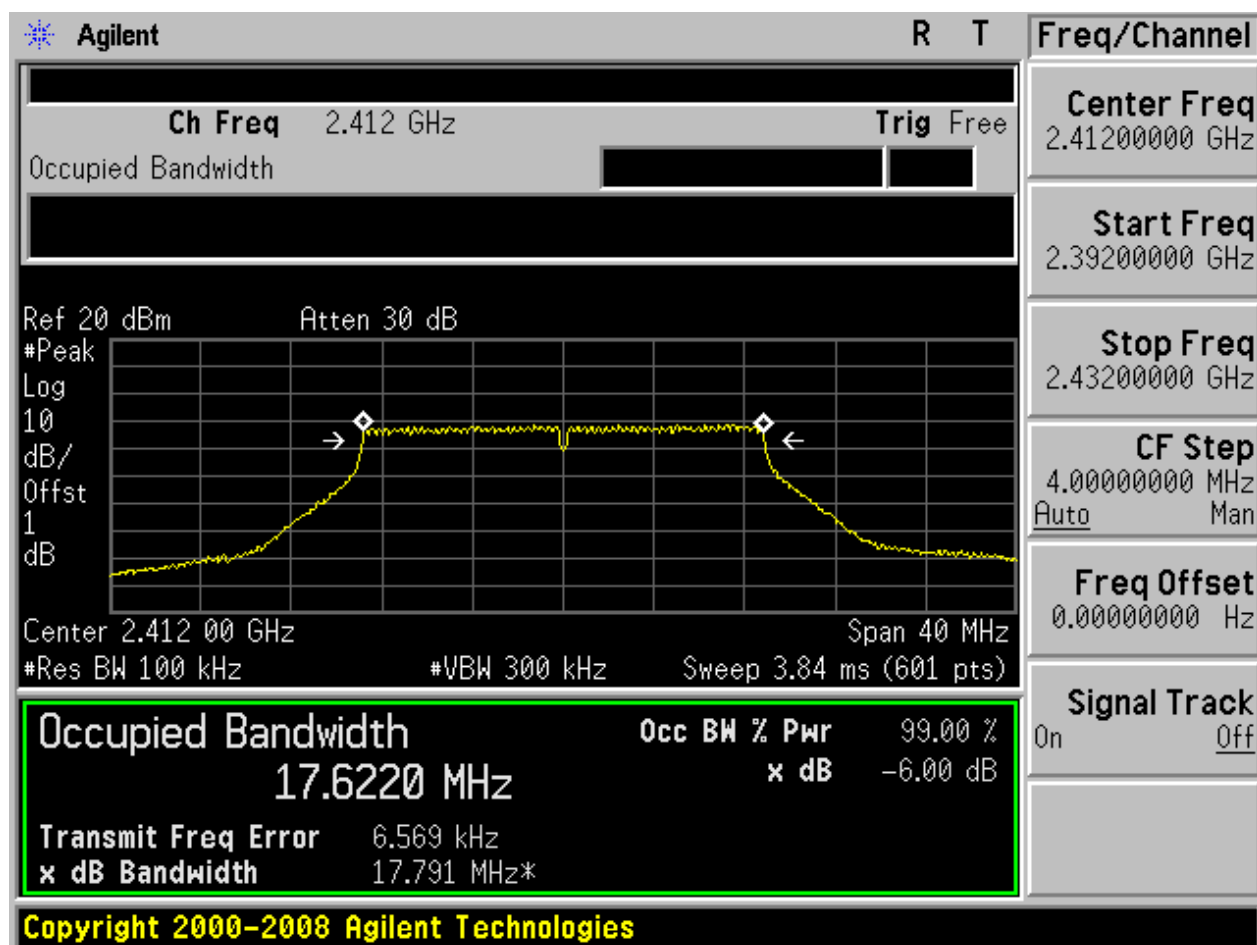




2.18 11N20_H@Ant 2

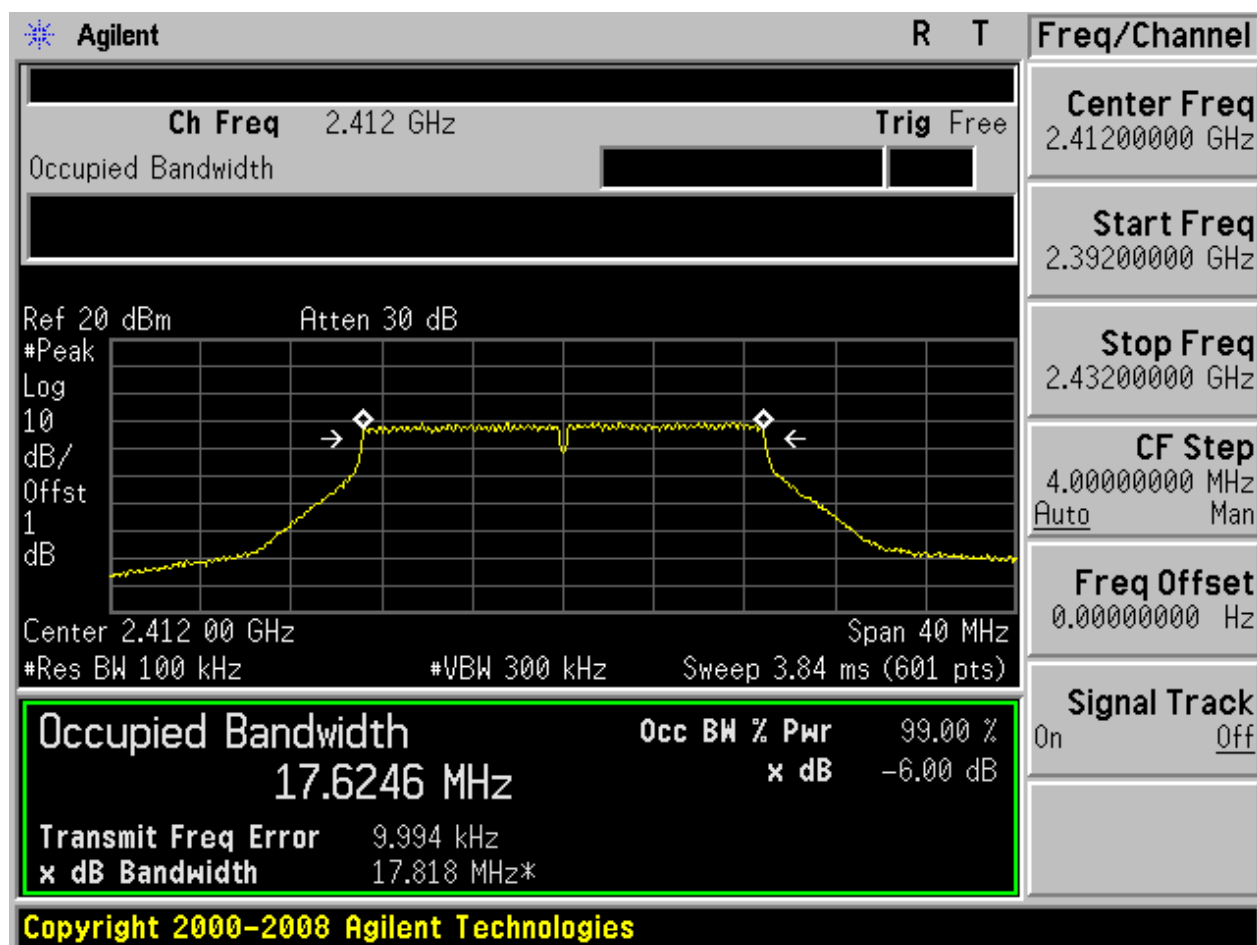


2.13 11N20m_L@Ant 1



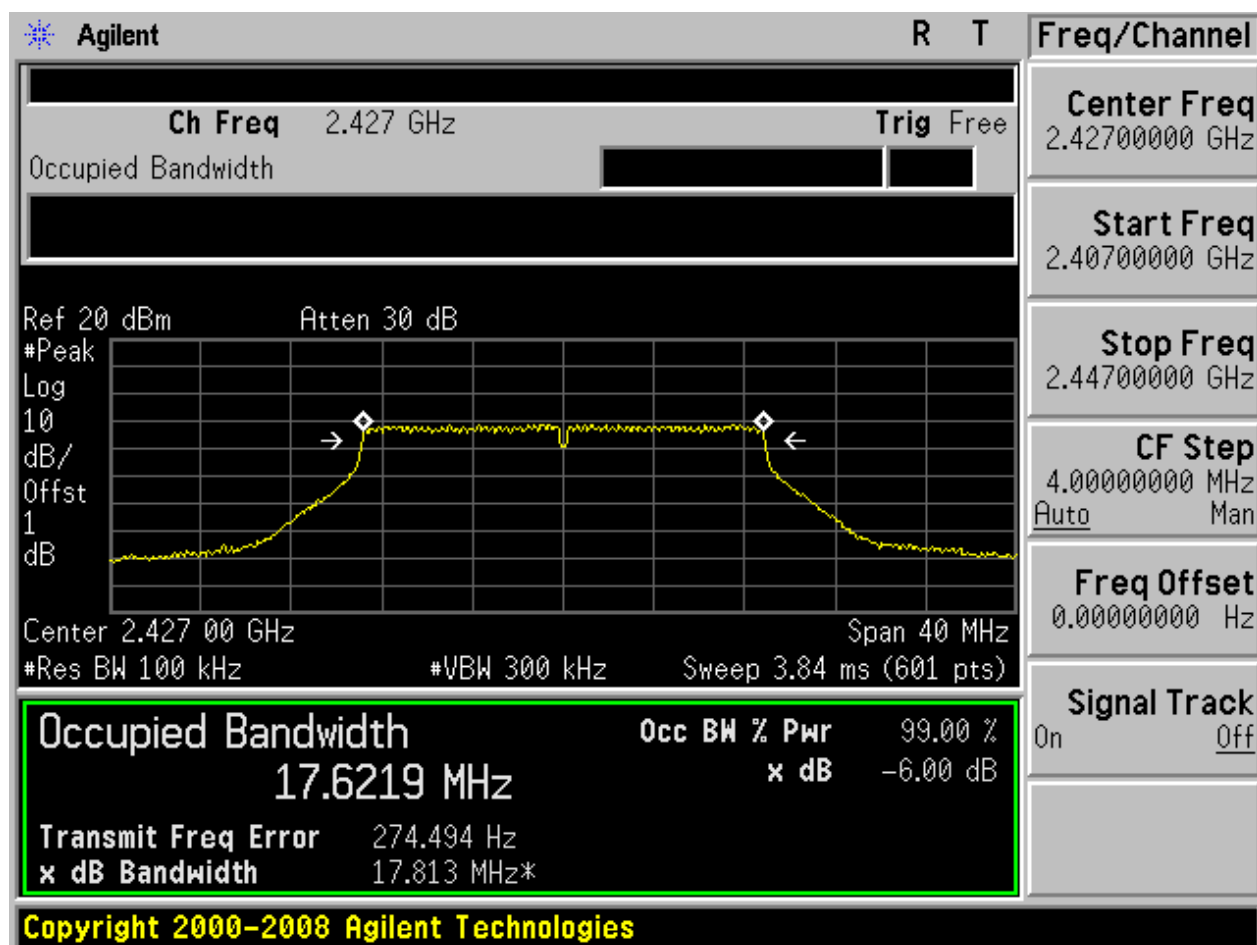


2.14 11N20m_L@Ant 2

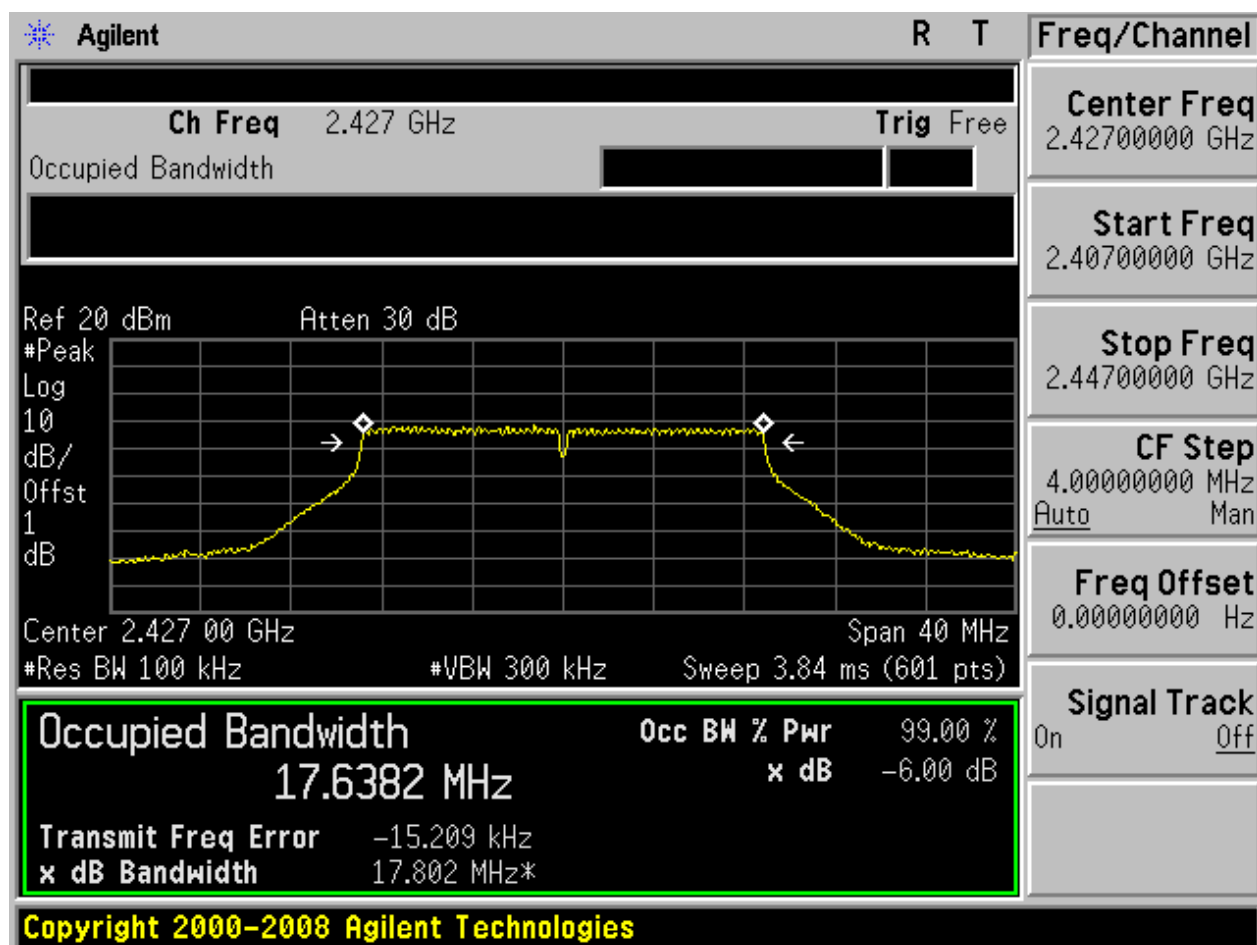




2.15 11N20m_M@Ant 1

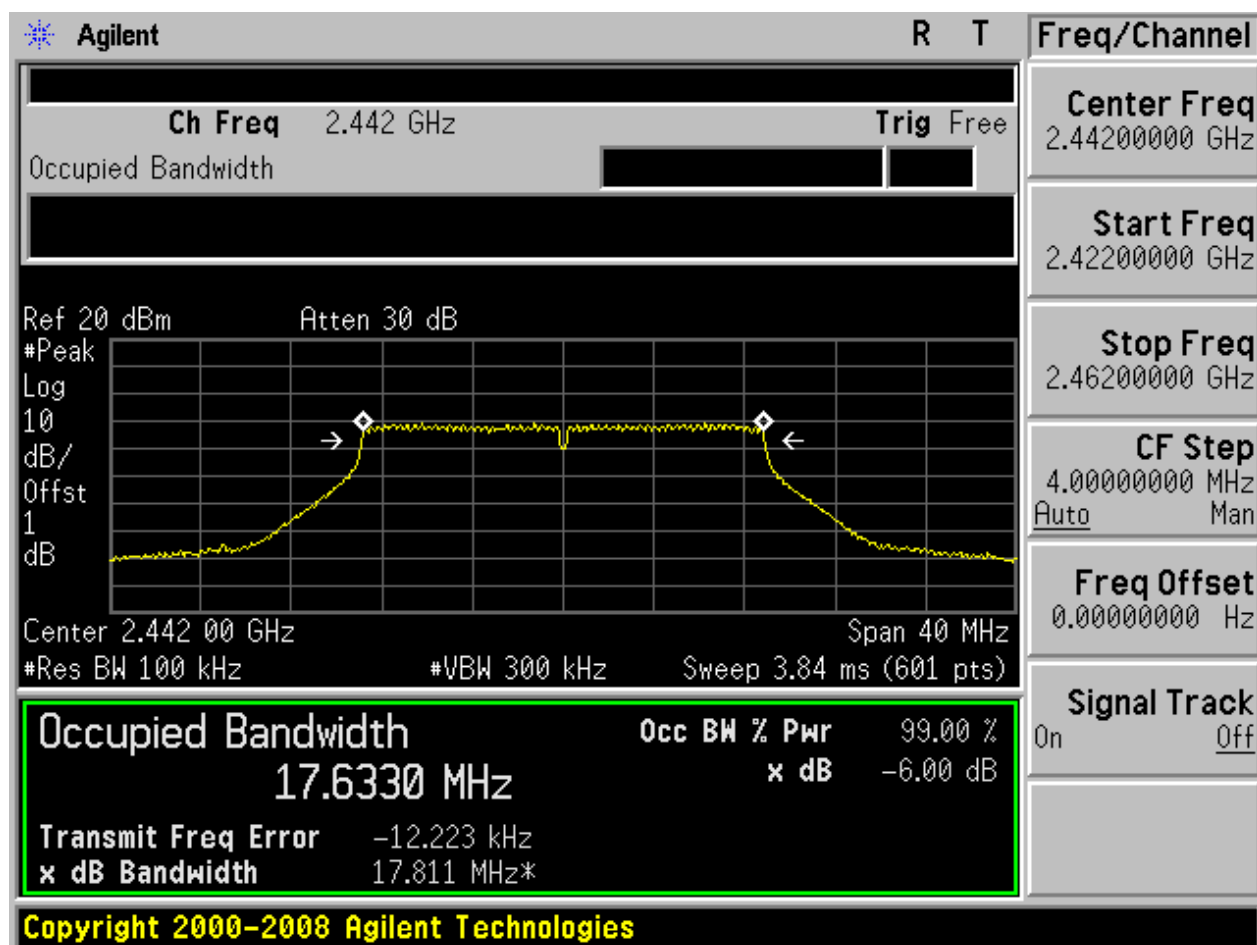


2.16 11N20m_M@Ant 2



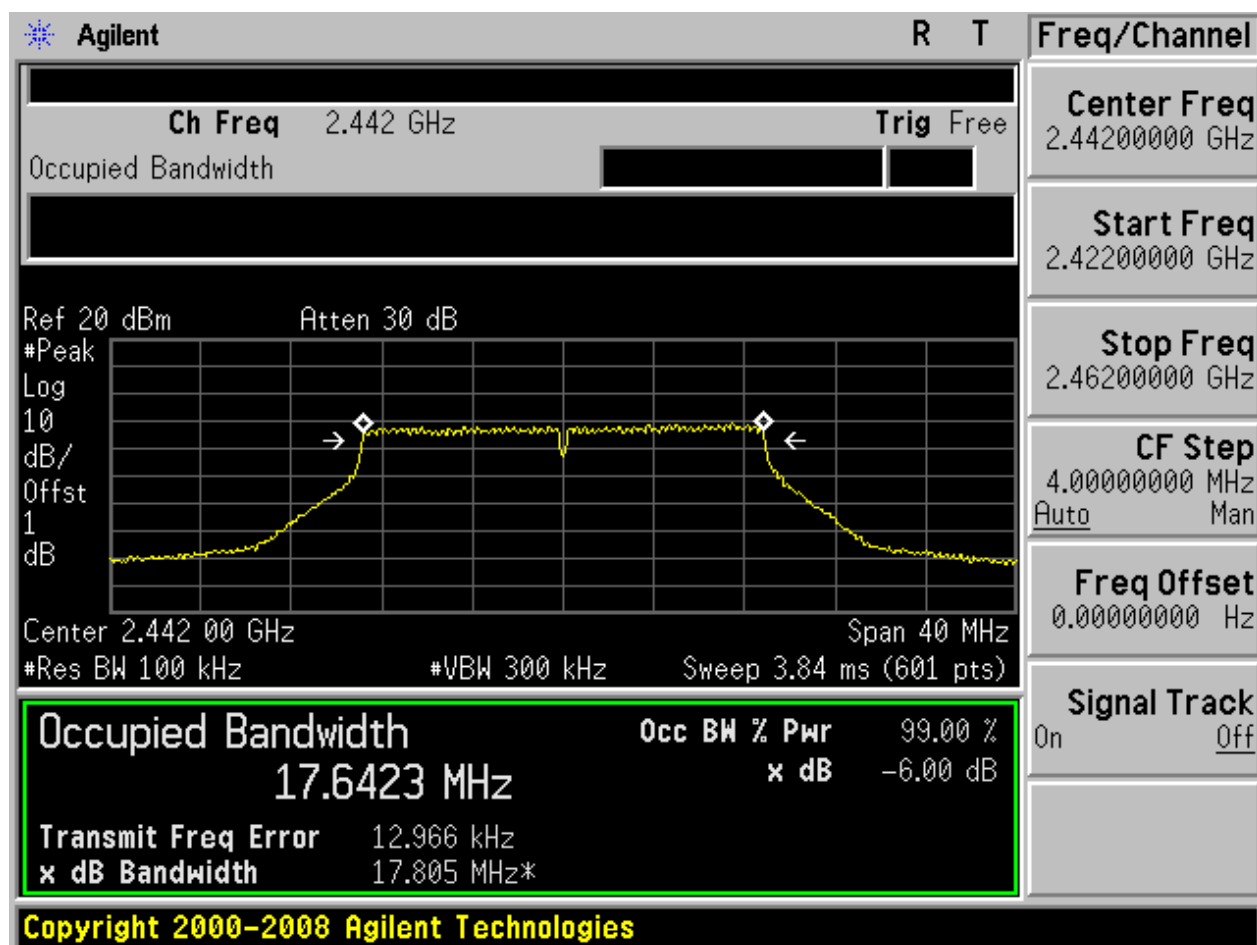


2.17 11N20m_H@Ant 1

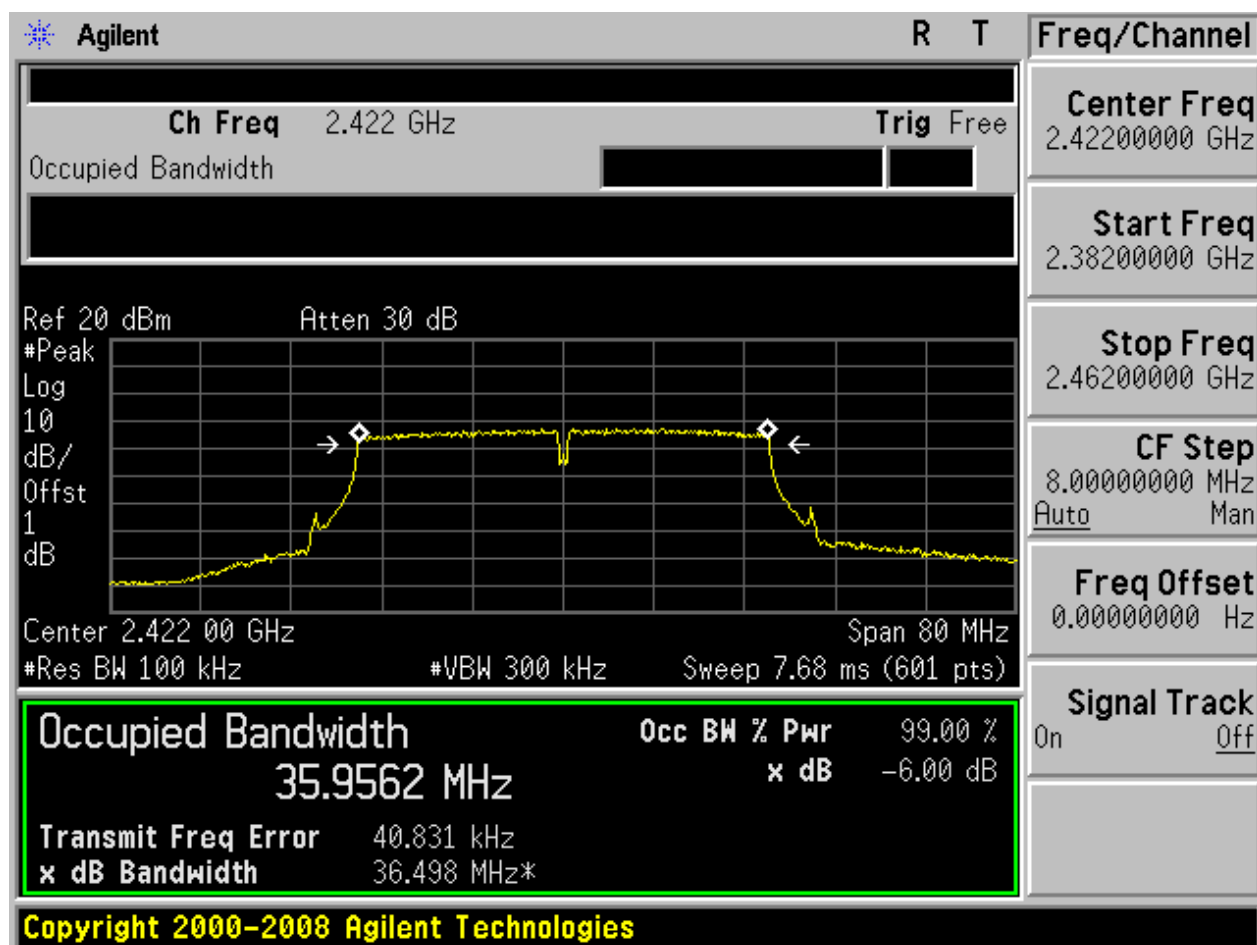




2.18 11N20m_H@Ant 2

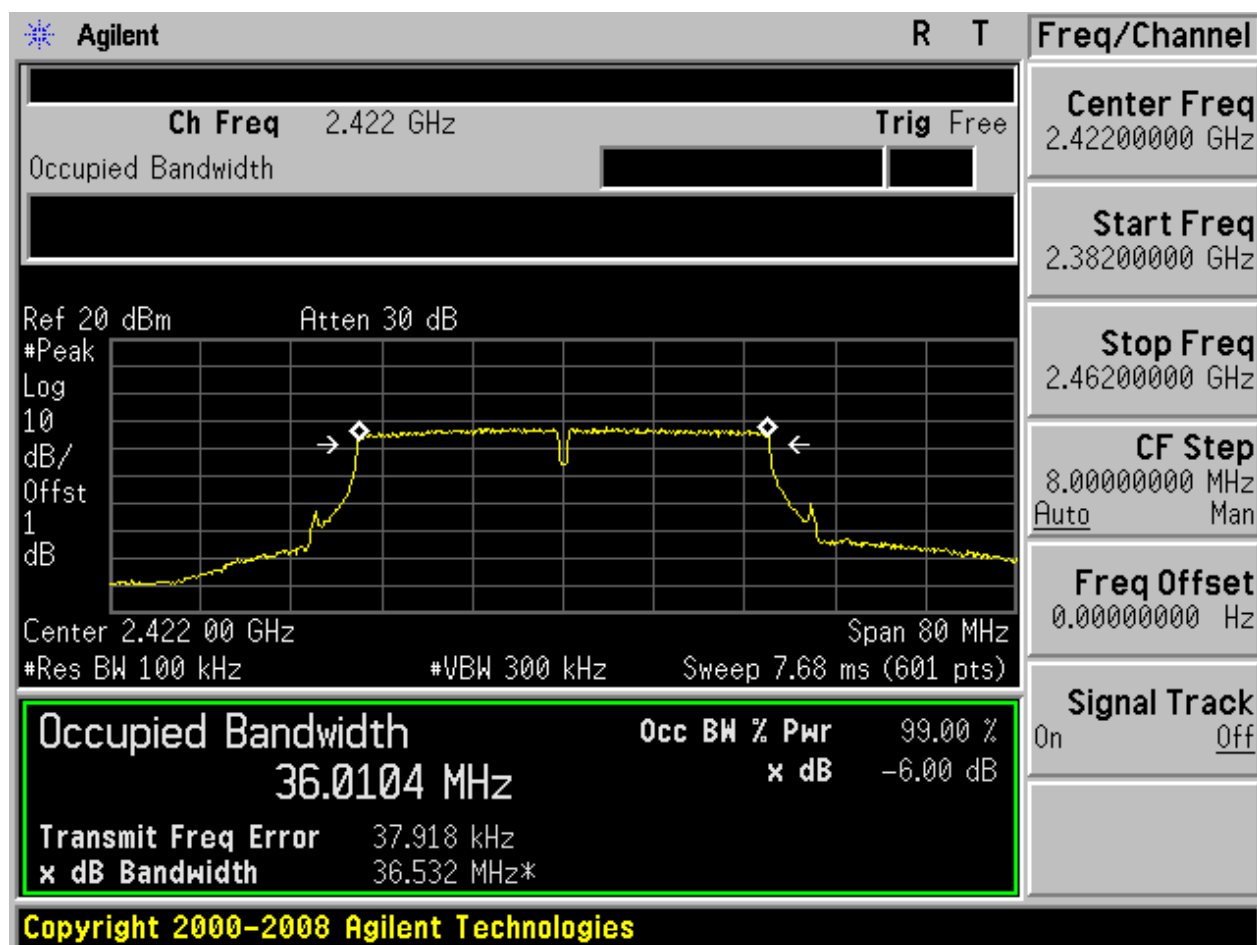


2.19 11N40_L@Ant 1



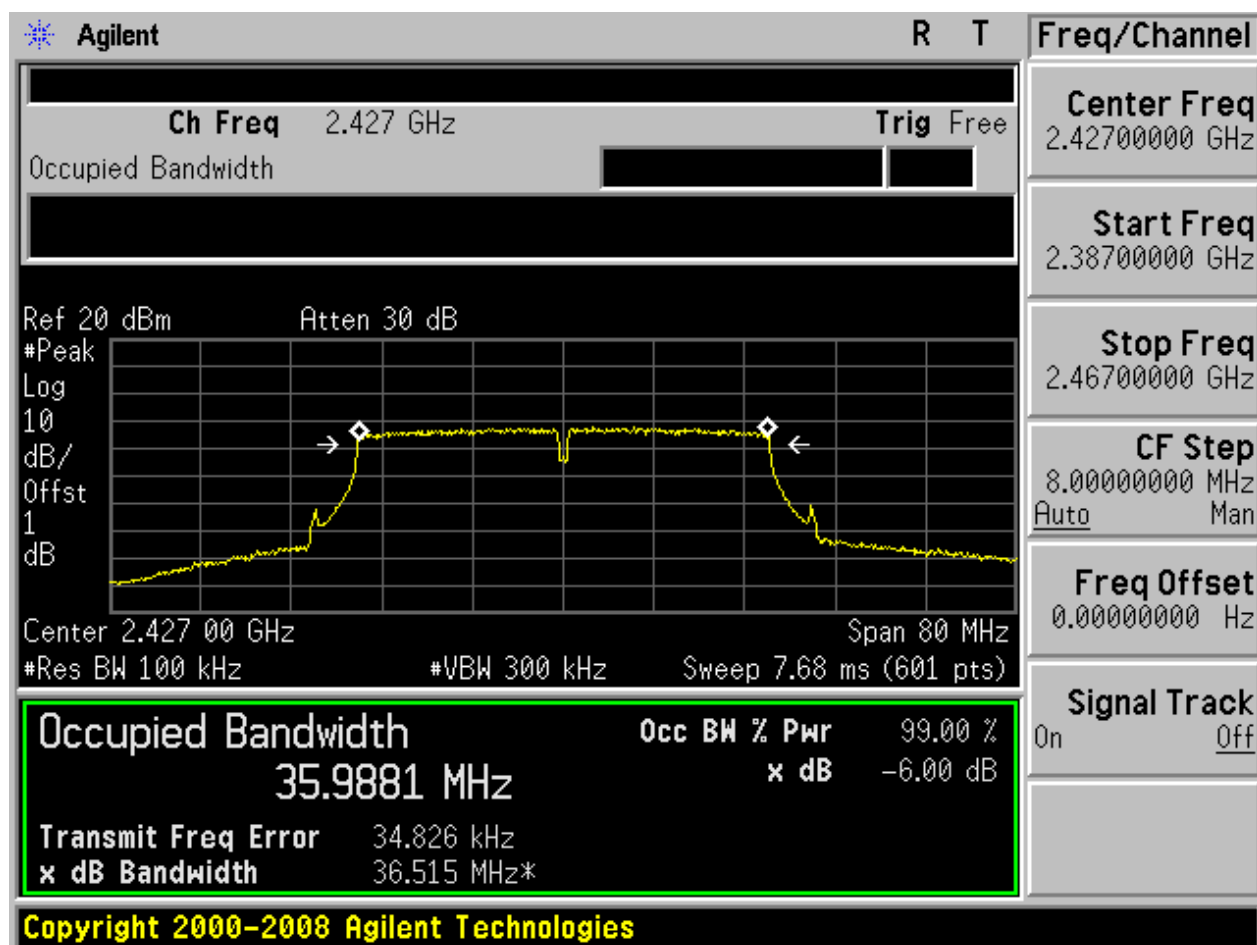


2.20 11N40_L@Ant 2



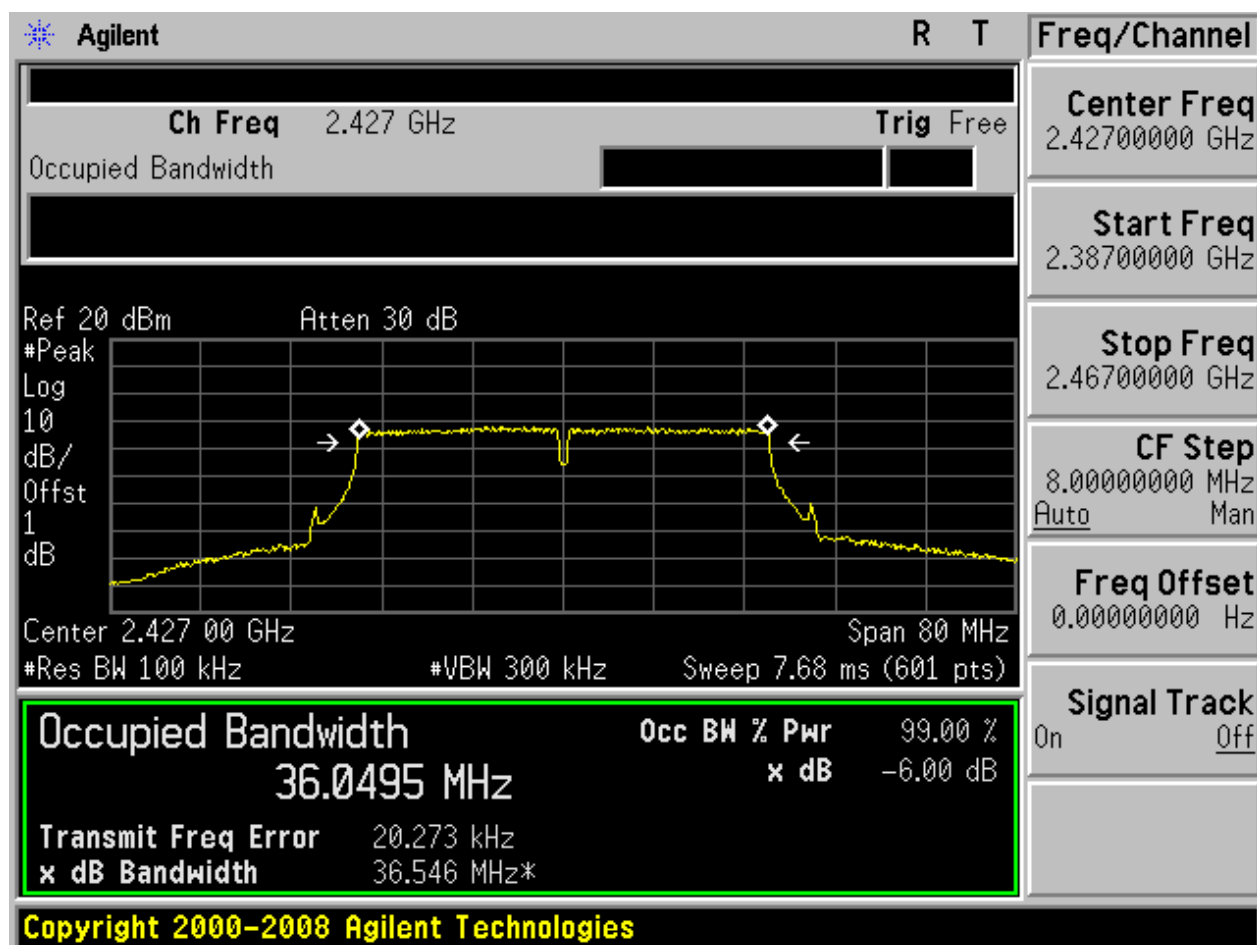


2.21 11N40_M@Ant 1

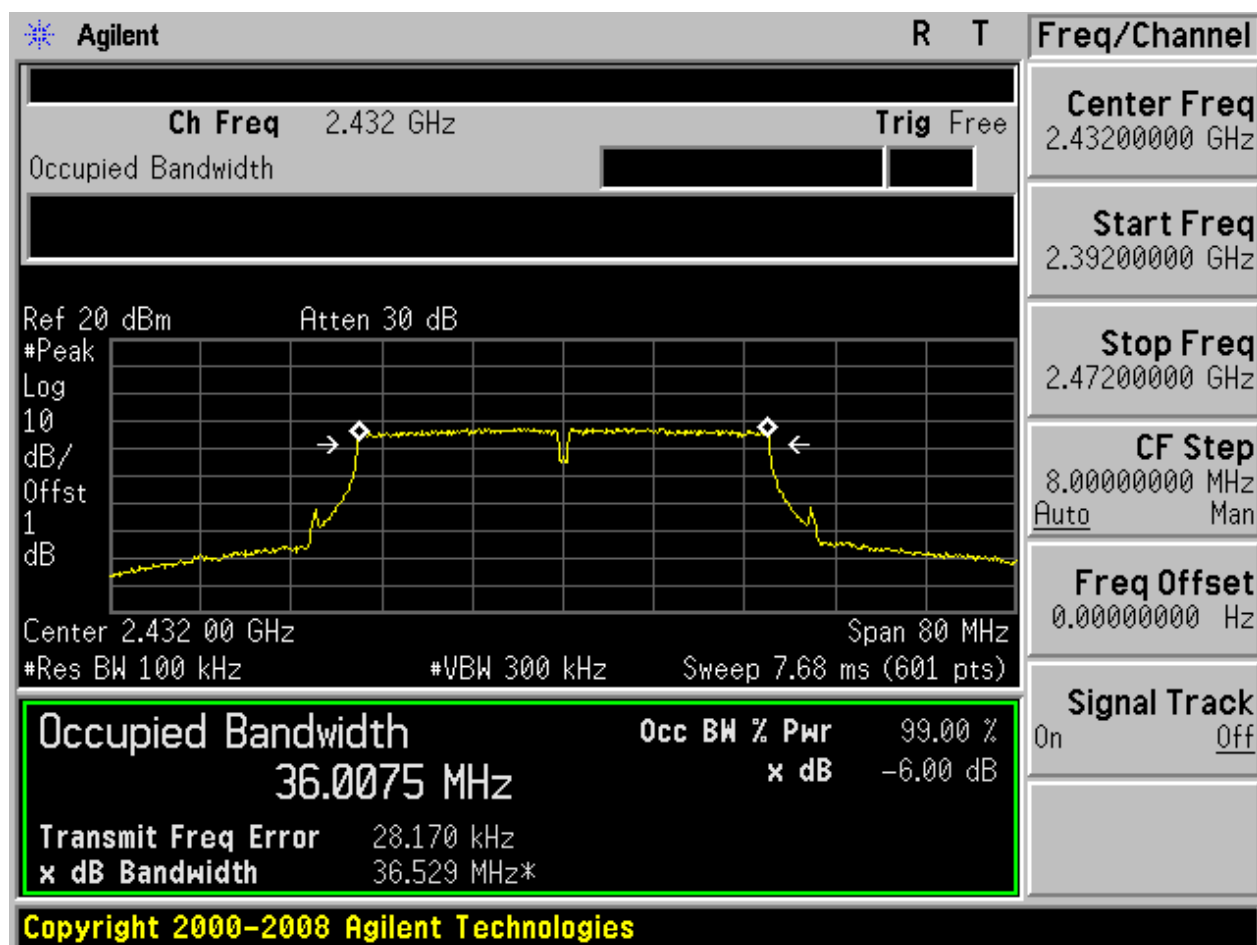




2.22 11N40_M@Ant 2

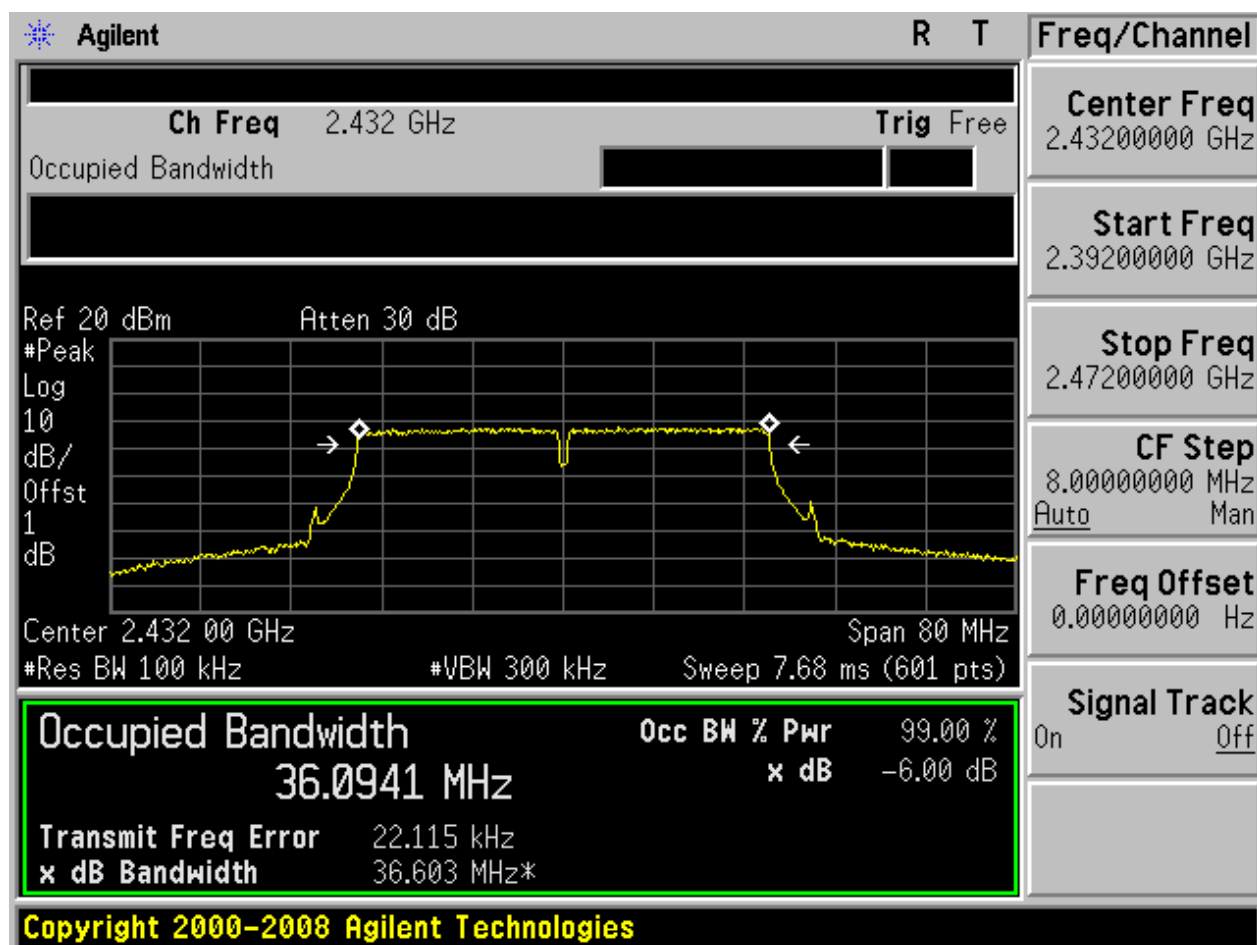


2.23 11N40_H@Ant 1

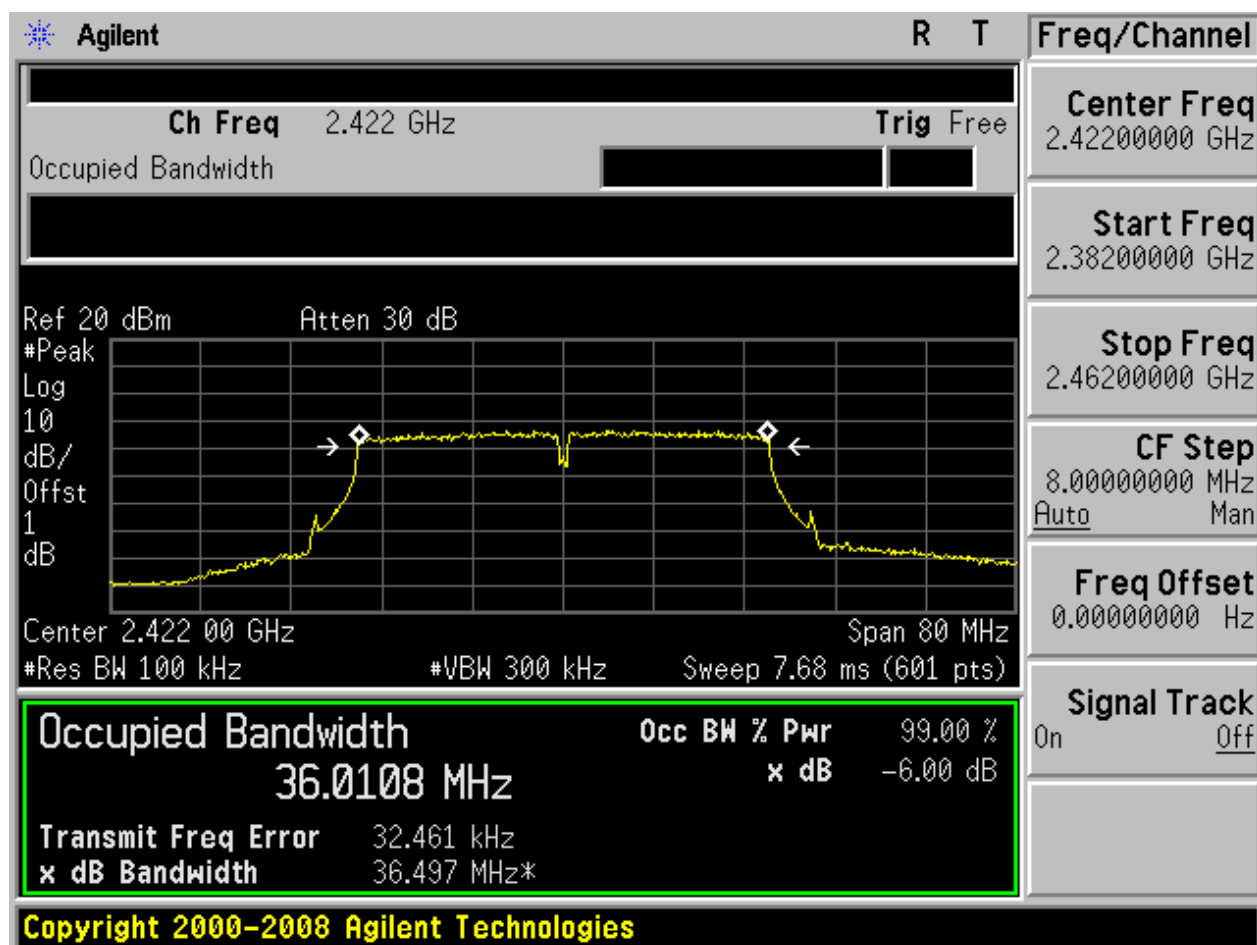




2.24 11N40_H@Ant 2

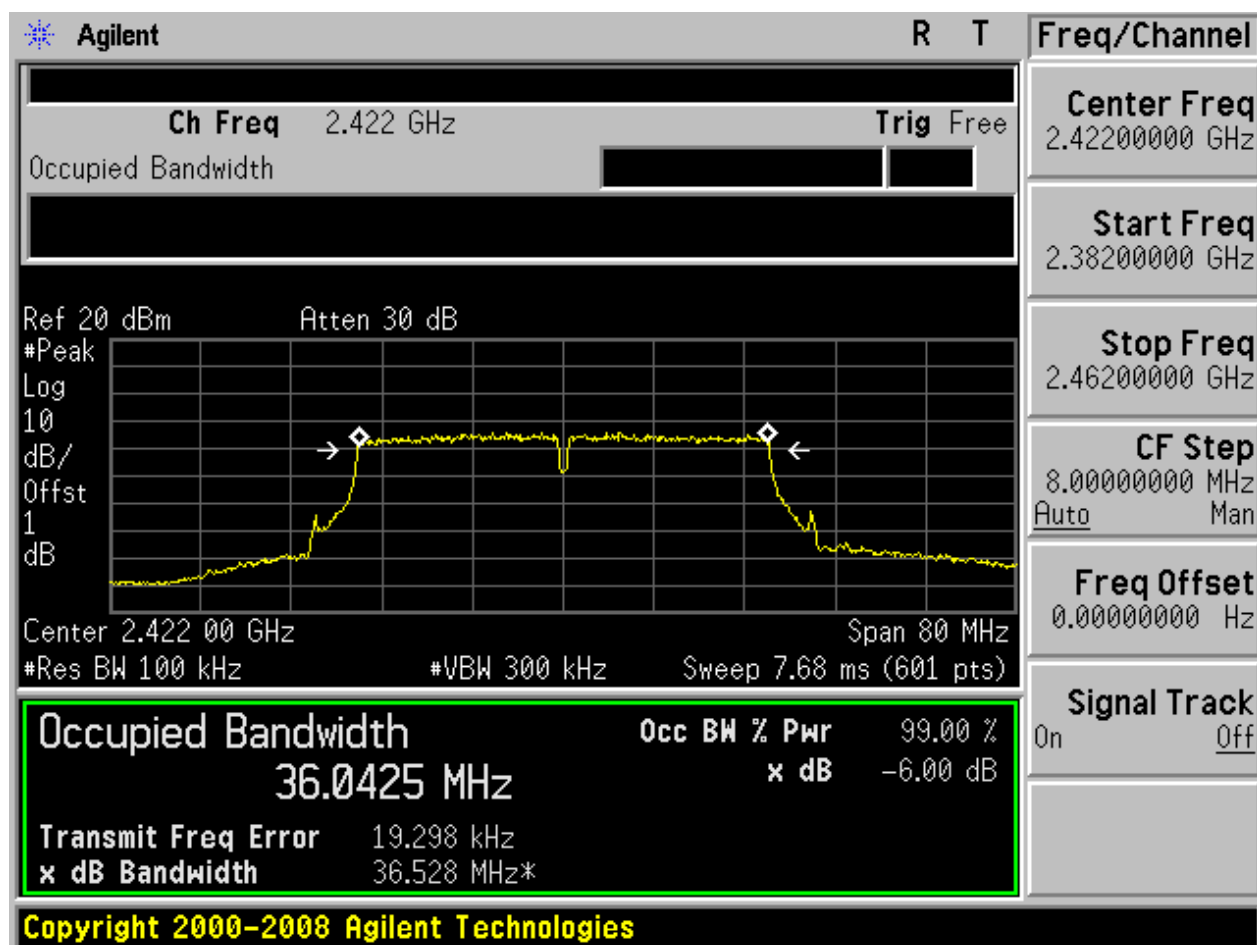


2.31 11N40m_L@Ant 1



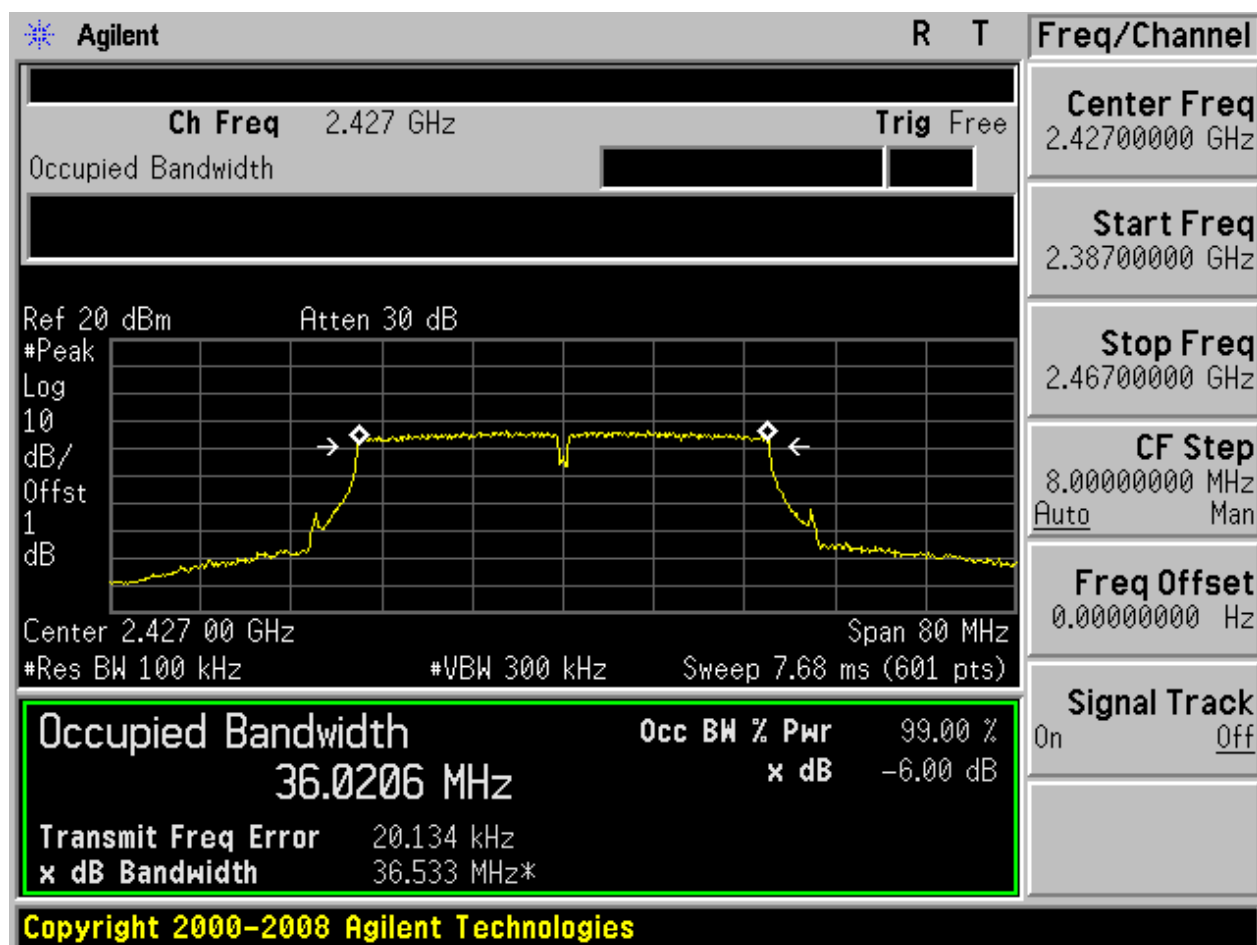


2.32 11N40m_L@Ant 2



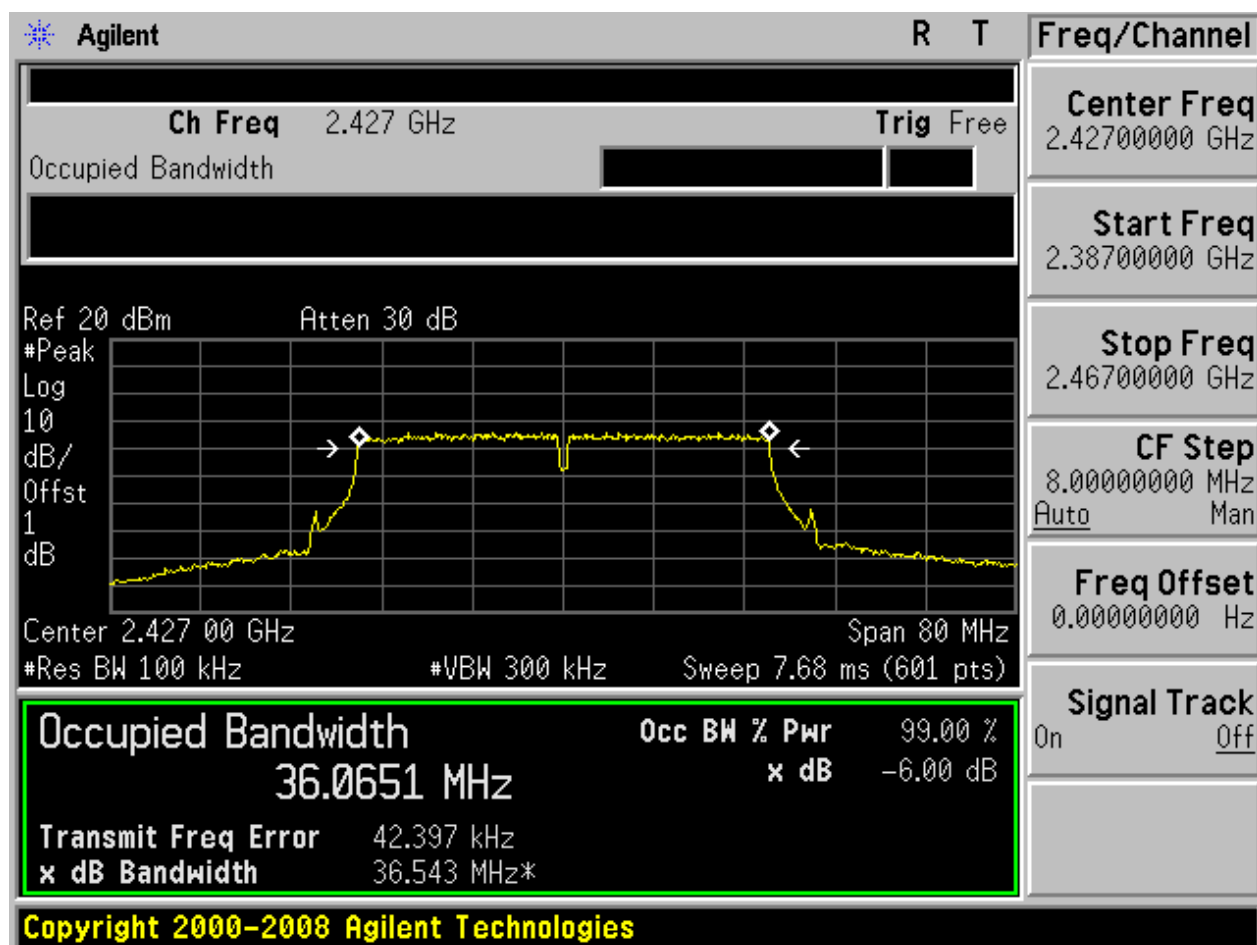


2.33 11N40m_M@Ant 1

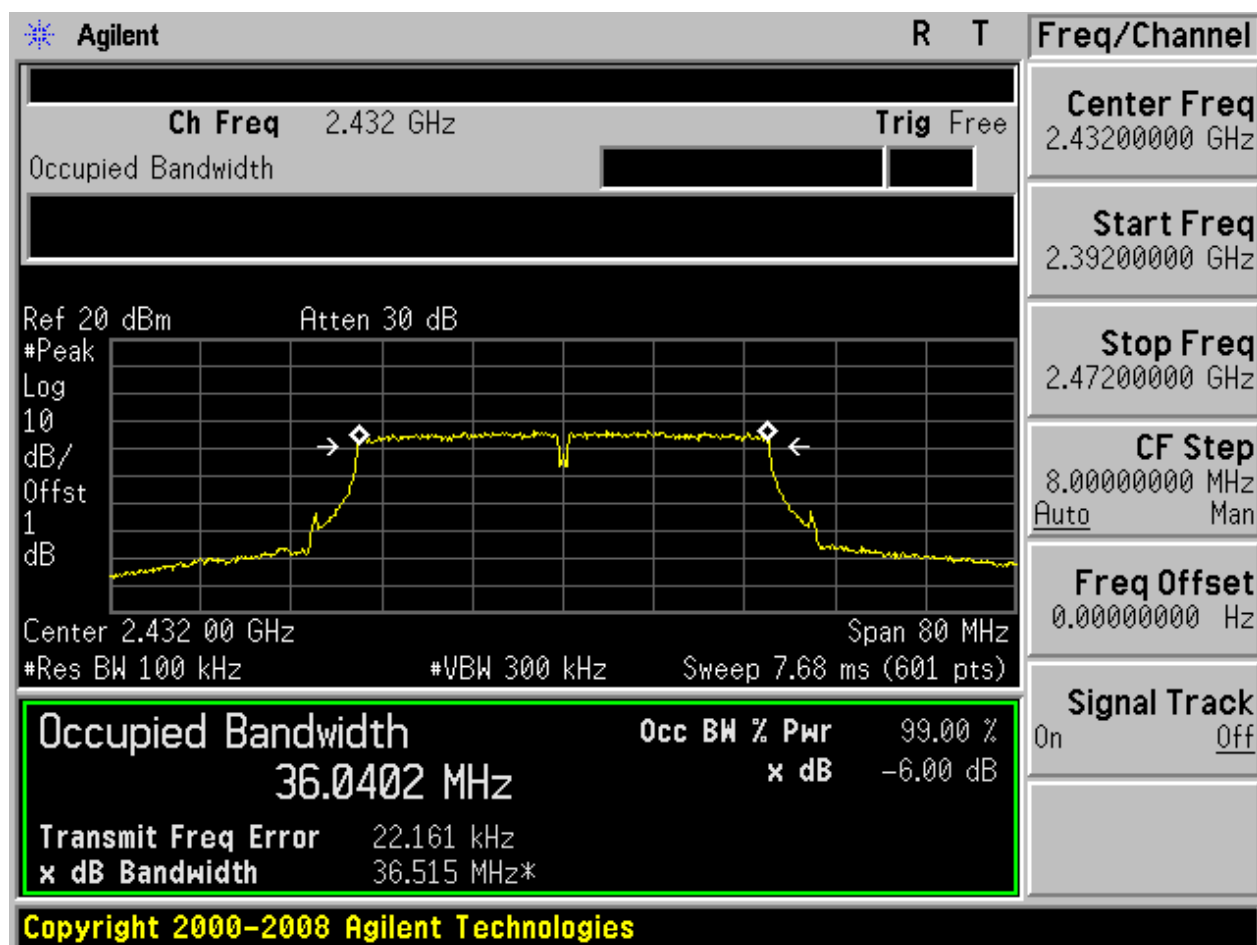




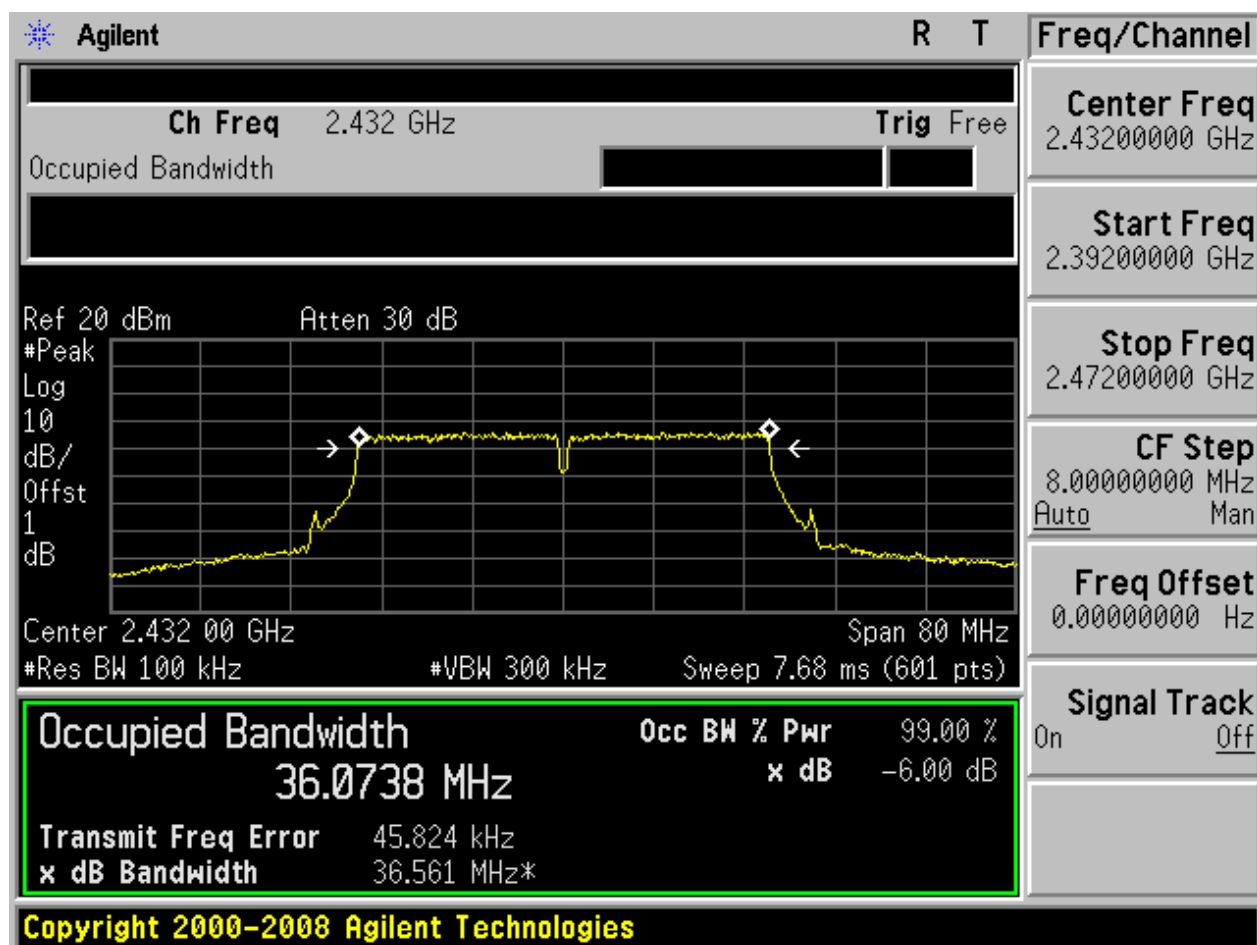
2.34 11N40m_M@Ant 2



2.35 11N40m_H@Ant 1



2.36 11N40m_H@Ant 2



Appendix B: Occupied Bandwidth

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

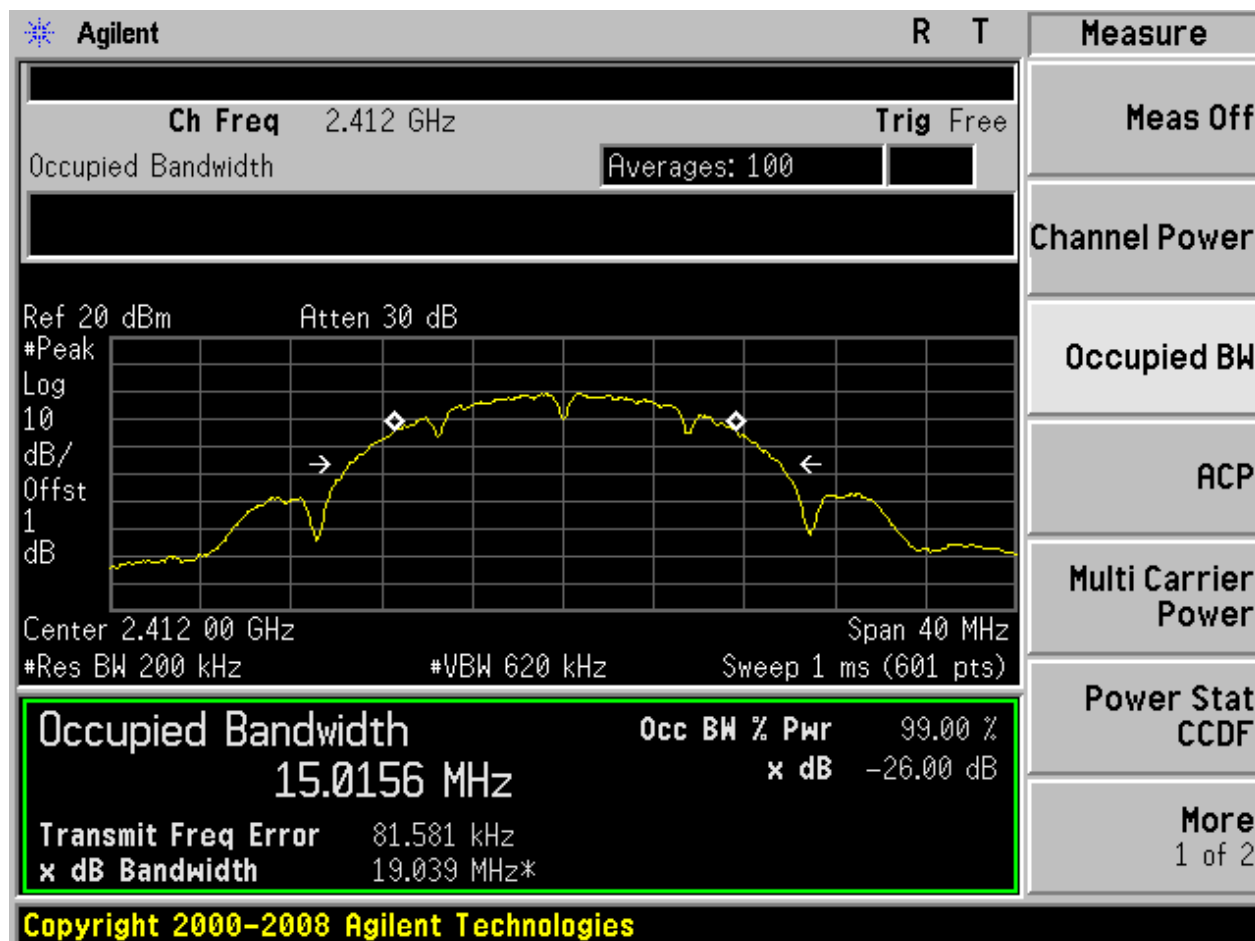
Test Mode	Test Channel	Frequency[MHz]	Ant	Occupied Bandwidth [MHz]	Verdict
11B	L	2412	Ant 1	15.02	pass
11B	L	2412	Ant 2	14.88	pass
11B	M	2427	Ant 1	14.94	pass
11B	M	2427	Ant 2	15.03	pass
11B	H	2442	Ant 1	15.08	pass
11B	H	2442	Ant 2	15.15	pass
11G	L	2412	Ant 1	16.51	pass
11G	L	2412	Ant 2	16.45	pass
11G	M	2427	Ant 1	16.48	pass
11G	M	2427	Ant 2	16.49	pass
11G	H	2442	Ant 1	16.49	pass
11G	H	2442	Ant 2	16.51	pass
11N20	L	2412	Ant 1	17.69	pass
11N20	L	2412	Ant 2	17.64	pass
11N20	M	2427	Ant 1	17.72	pass
11N20	M	2427	Ant 2	17.72	pass
11N20	H	2442	Ant 1	17.69	pass
11N20	H	2442	Ant 2	17.69	pass
11N20m	L	2412	Ant 1	17.67	pass
11N20m	L	2412	Ant 2	17.68	pass
11N20m	M	2427	Ant 1	17.70	pass
11N20m	M	2427	Ant 2	17.71	pass
11N20m	H	2442	Ant 1	17.70	pass
11N20m	H	2442	Ant 2	17.74	pass
11N40	L	2422	Ant 1	36.01	pass
11N40	L	2422	Ant 2	36.02	pass
11N40	M	2427	Ant 1	35.99	pass
11N40	M	2427	Ant 2	35.93	pass
11N40	H	2432	Ant 1	35.89	pass
11N40	H	2432	Ant 2	36.15	pass
11N40m	L	2422	Ant 1	35.93	pass
11N40m	L	2422	Ant 2	35.99	pass
11N40m	M	2427	Ant 1	35.94	pass
11N40m	M	2427	Ant 2	35.96	pass



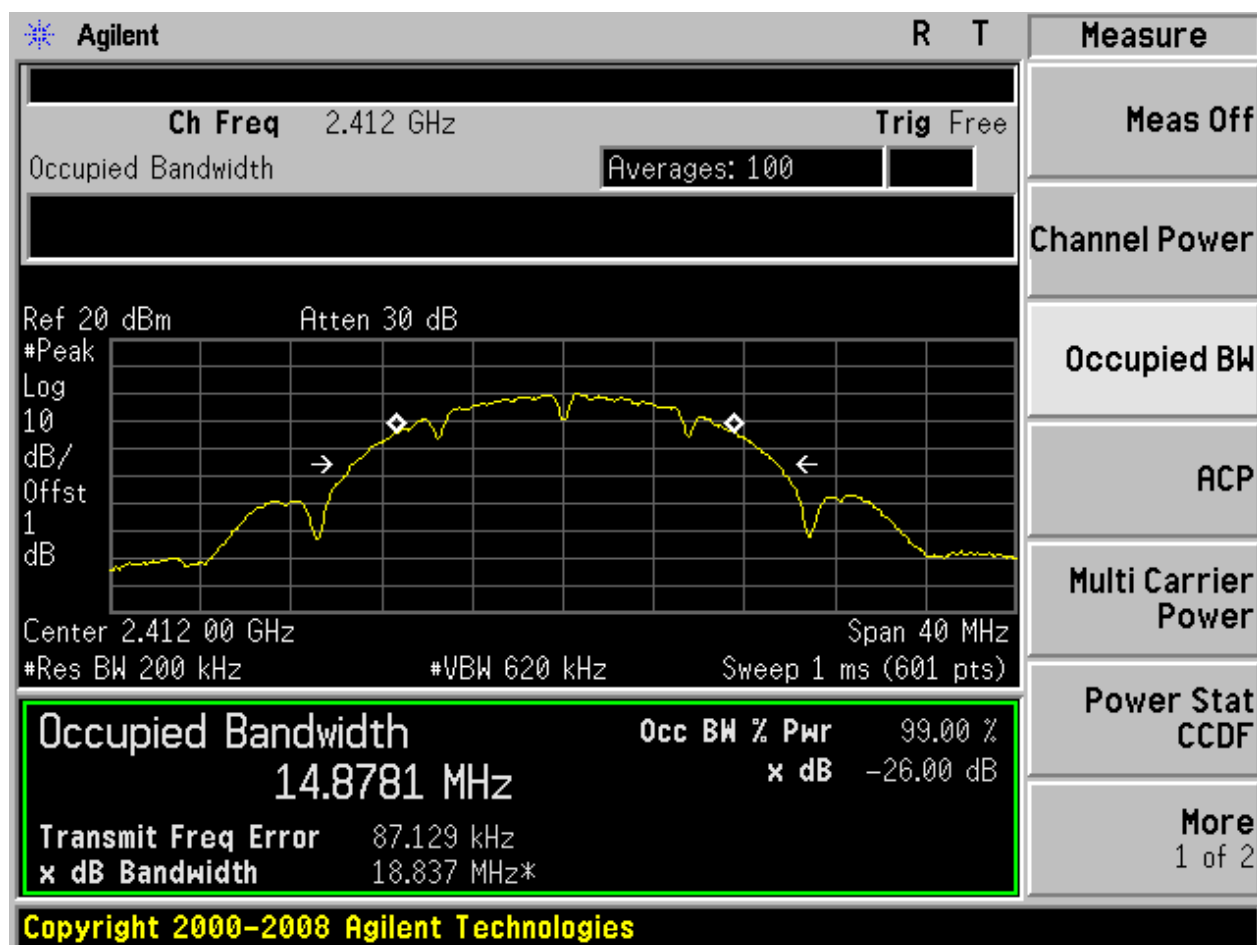
Test Mode	Test Channel	Frequency[MHz]	Ant	Occupied Bandwidth [MHz]	Verdict
11N40m	H	2432	Ant 1	36.07	pass
11N40m	H	2432	Ant 2	35.80	pass

Part II - Test Plots

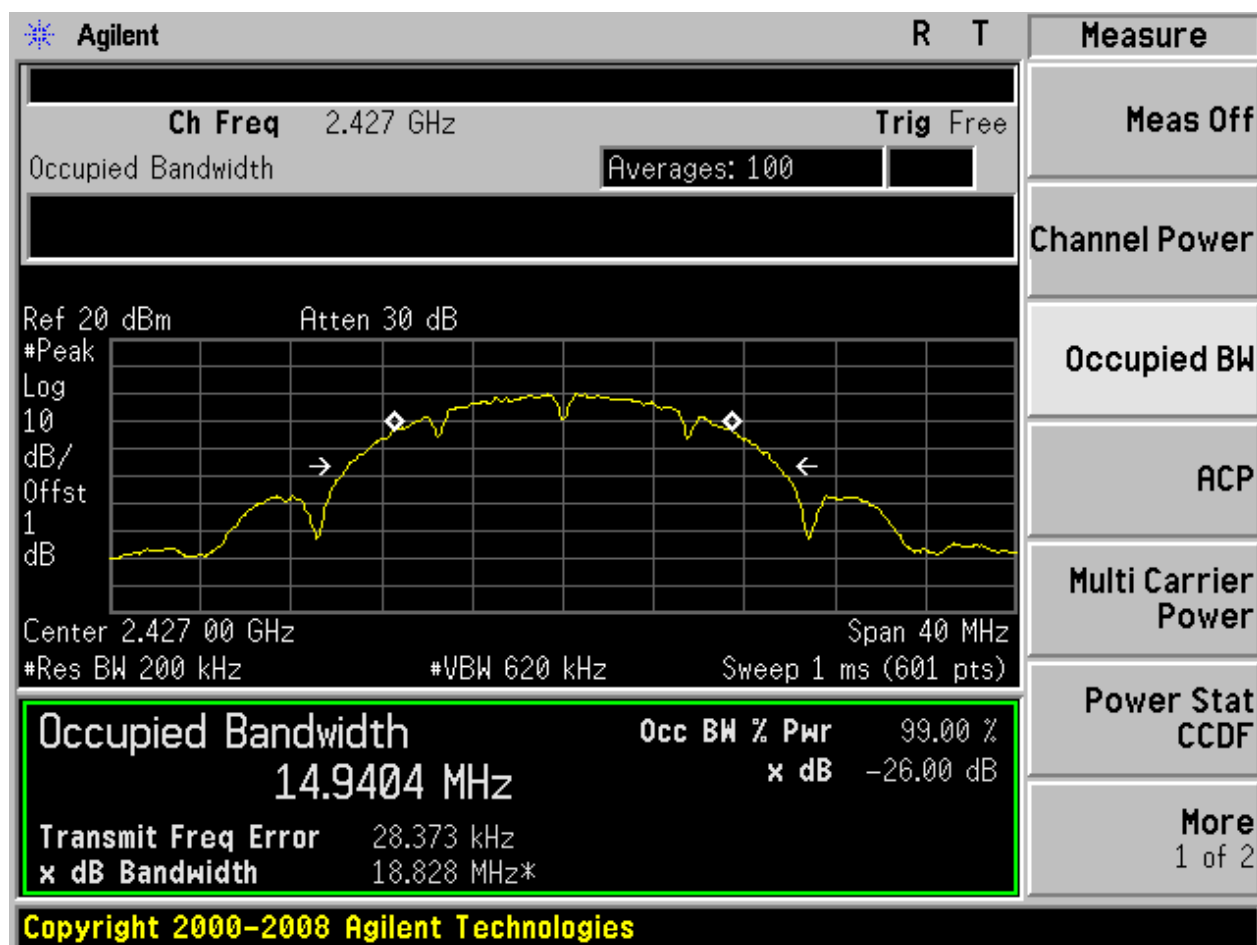
2.1 11B_L@Ant 1



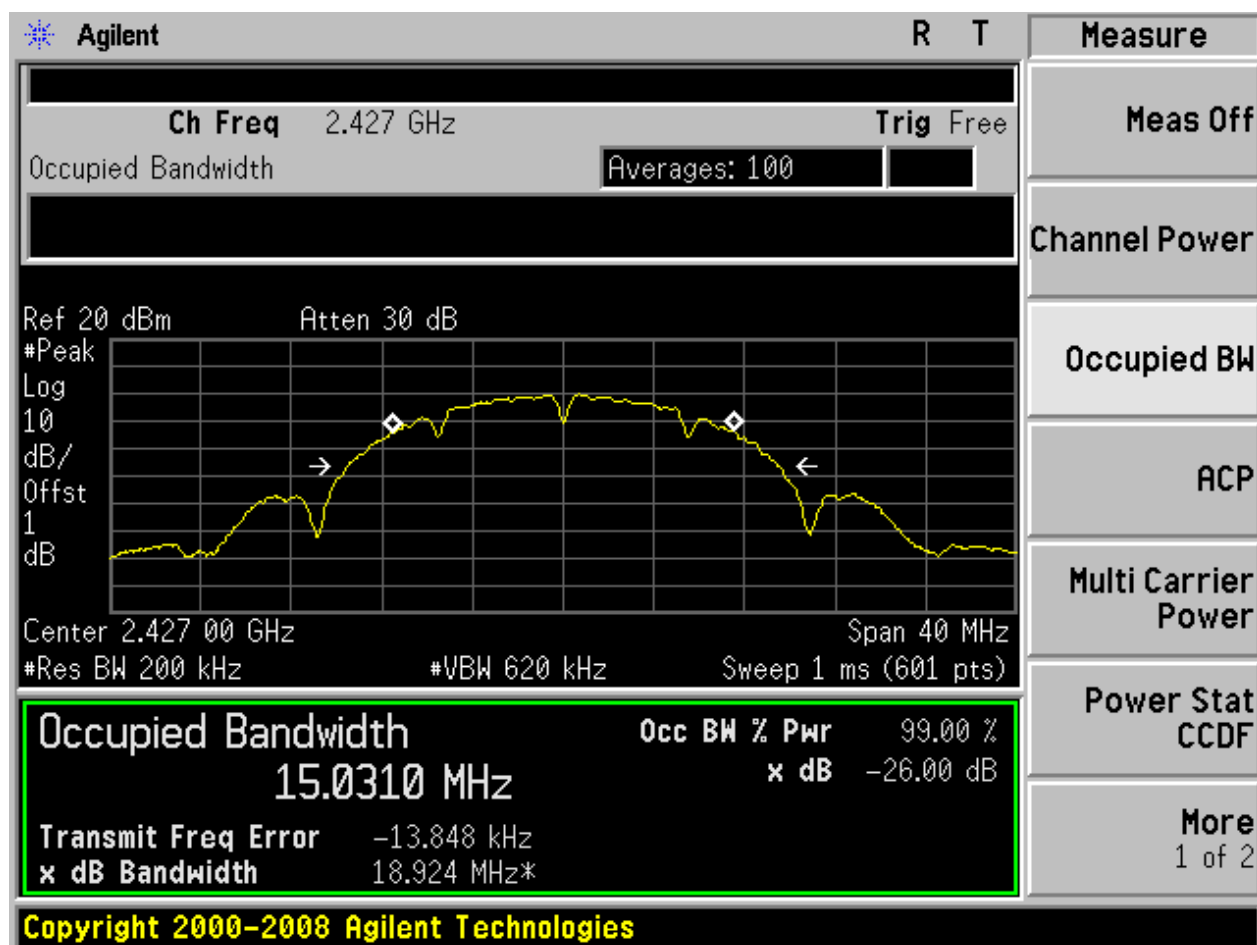
2.2 11B_L@Ant 2



2.3 11B_M@Ant 1

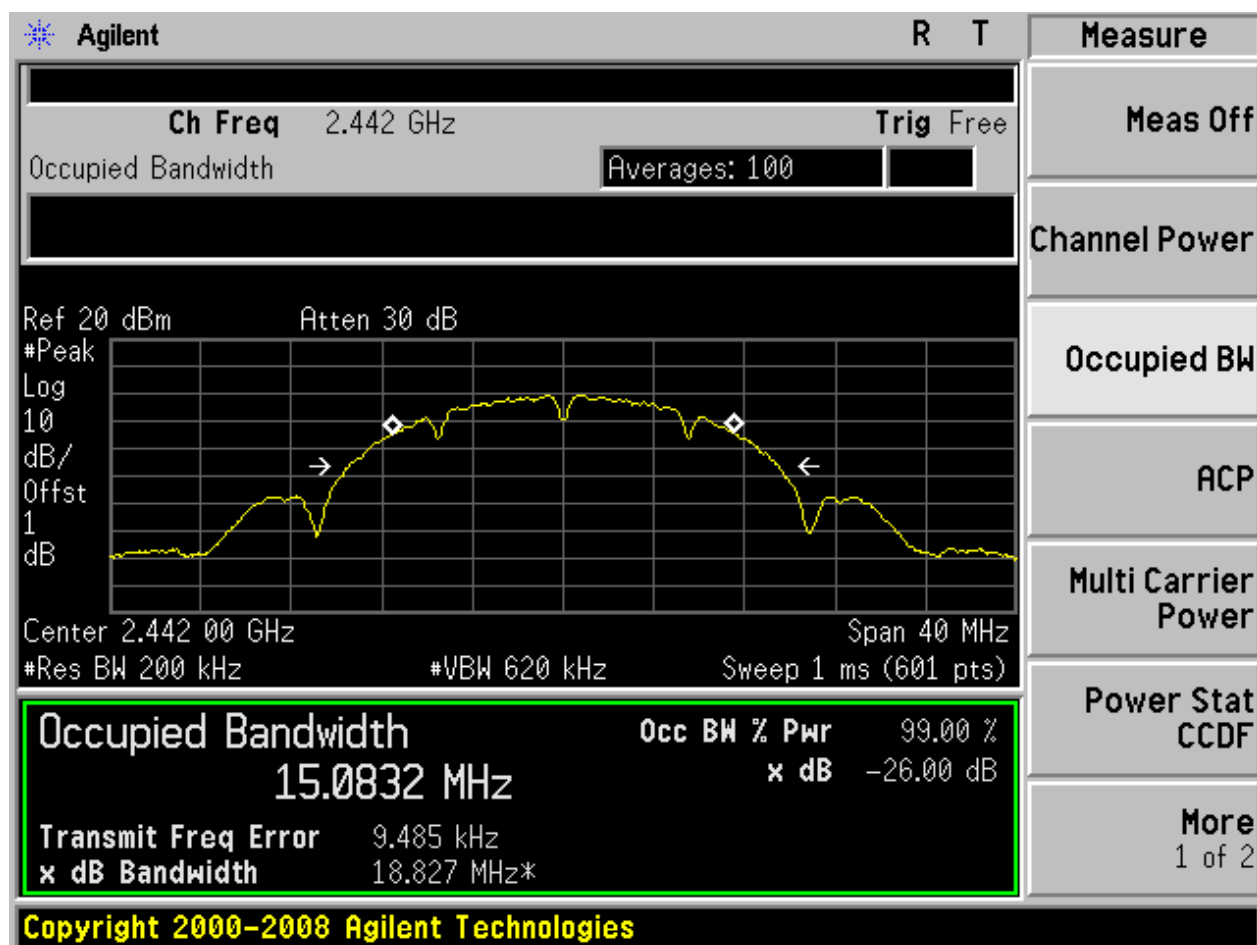


2.4 11B_M@Ant 2

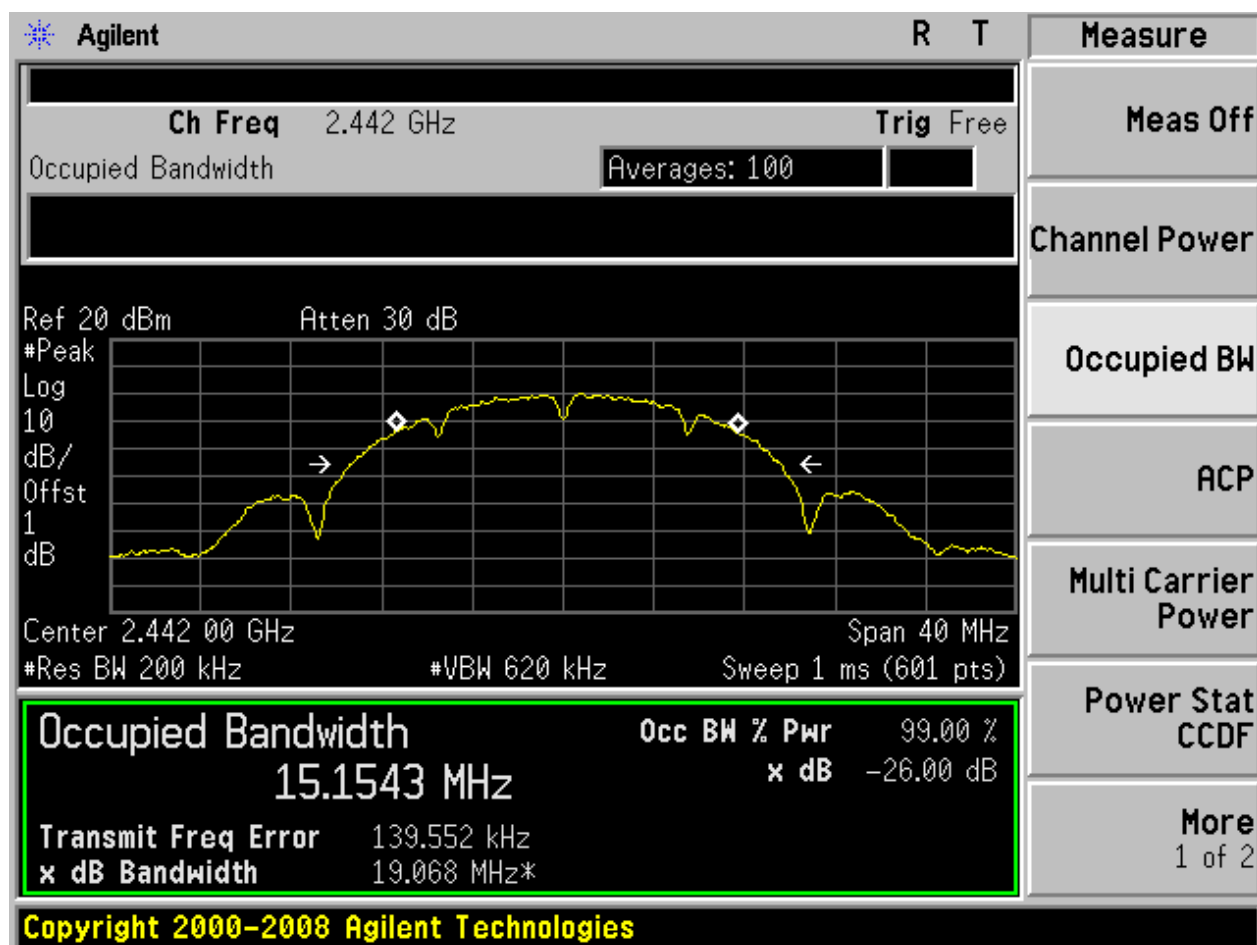




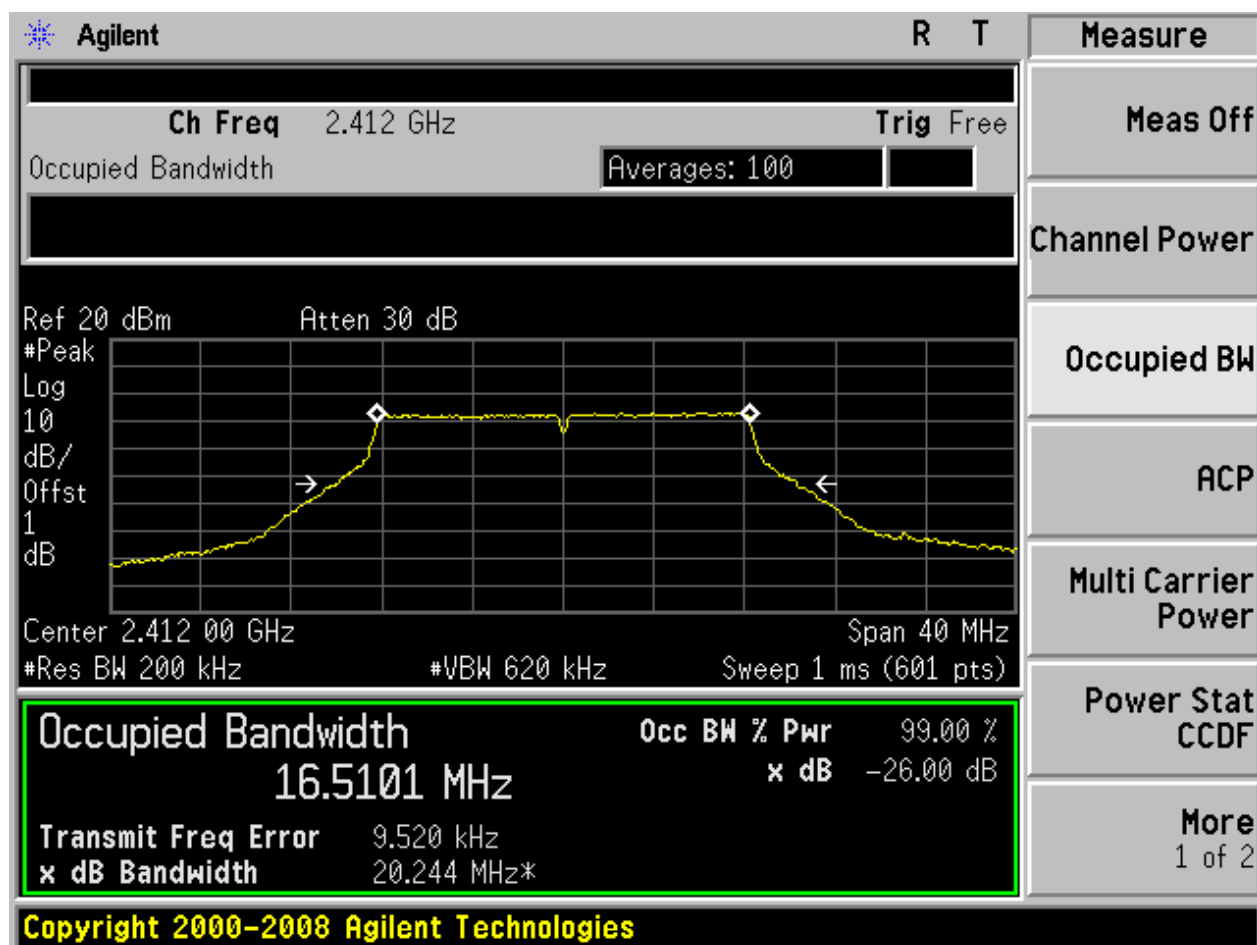
2.5 11B_H@Ant 1



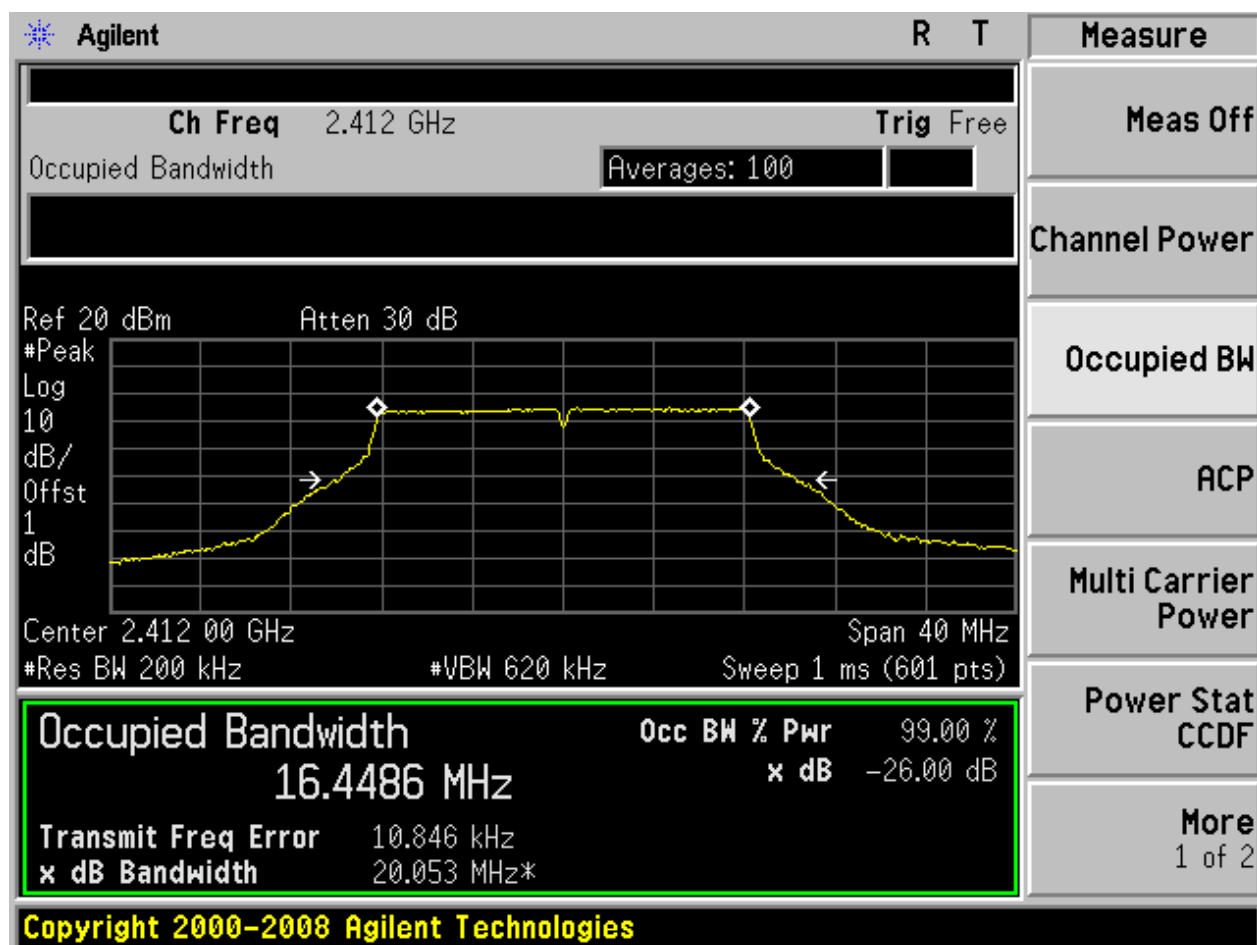
2.6 11B_H@Ant 2



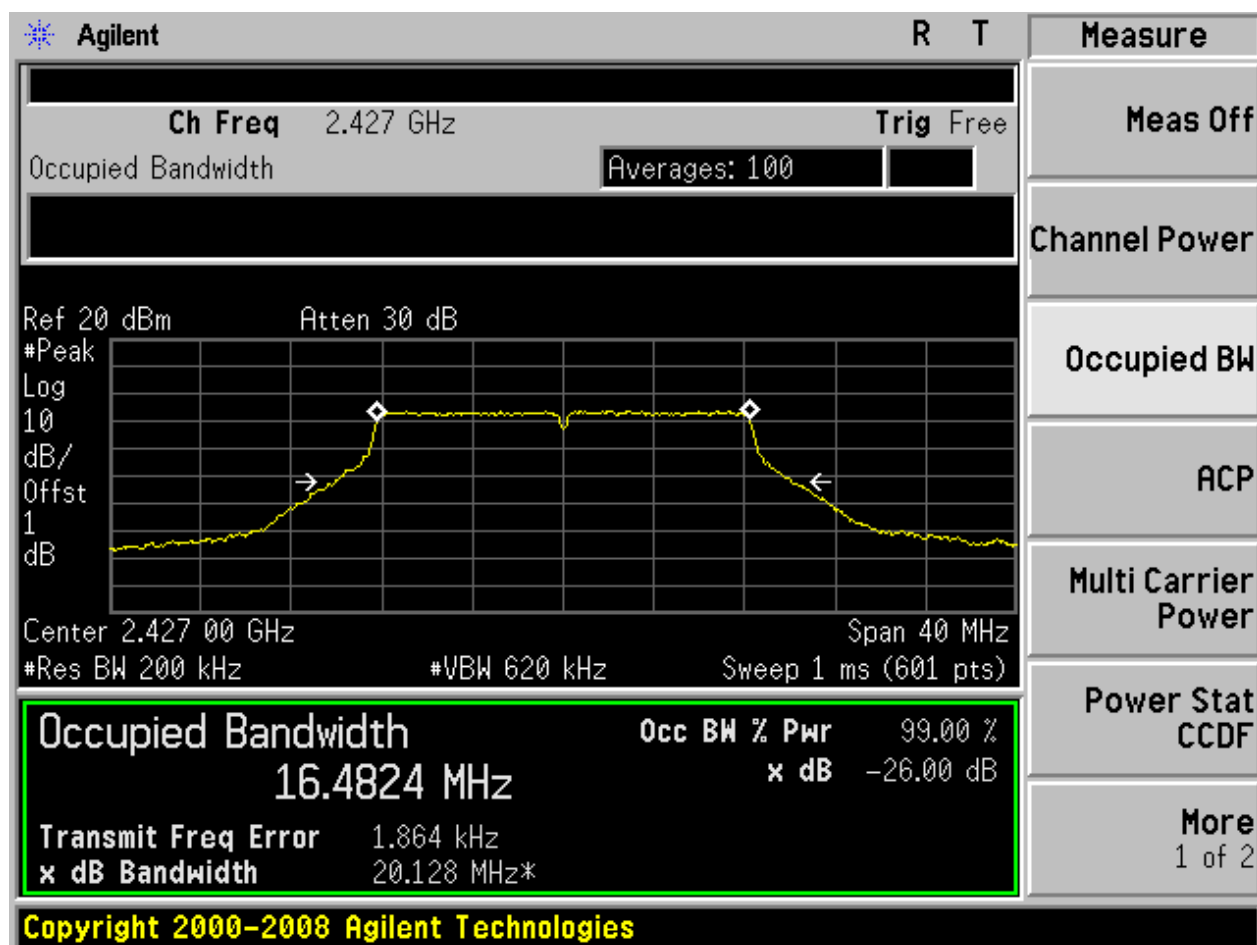
2.7 11G_L@Ant 1



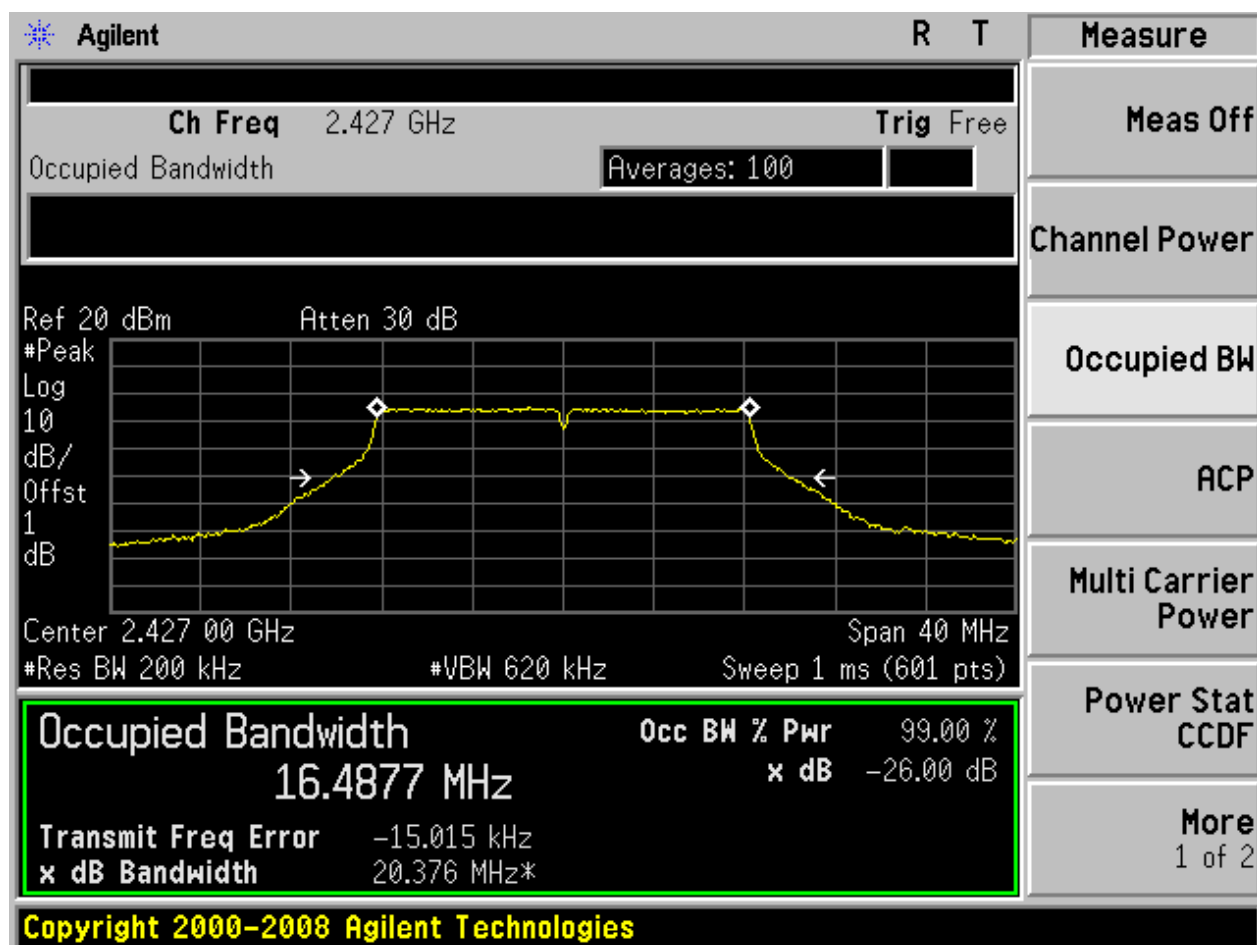
2.8 11G_L@Ant 2



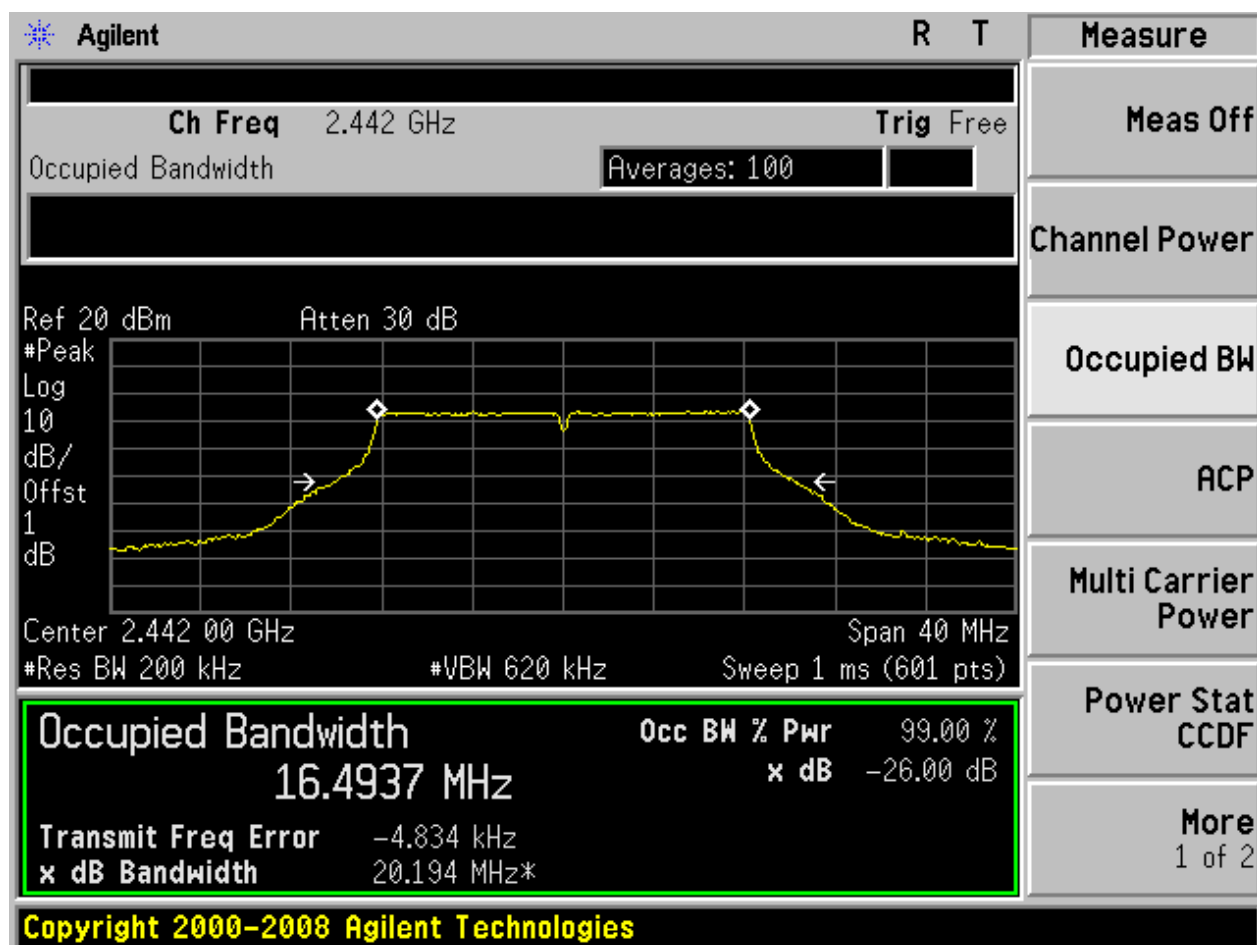
2.9 11G_M@Ant 1



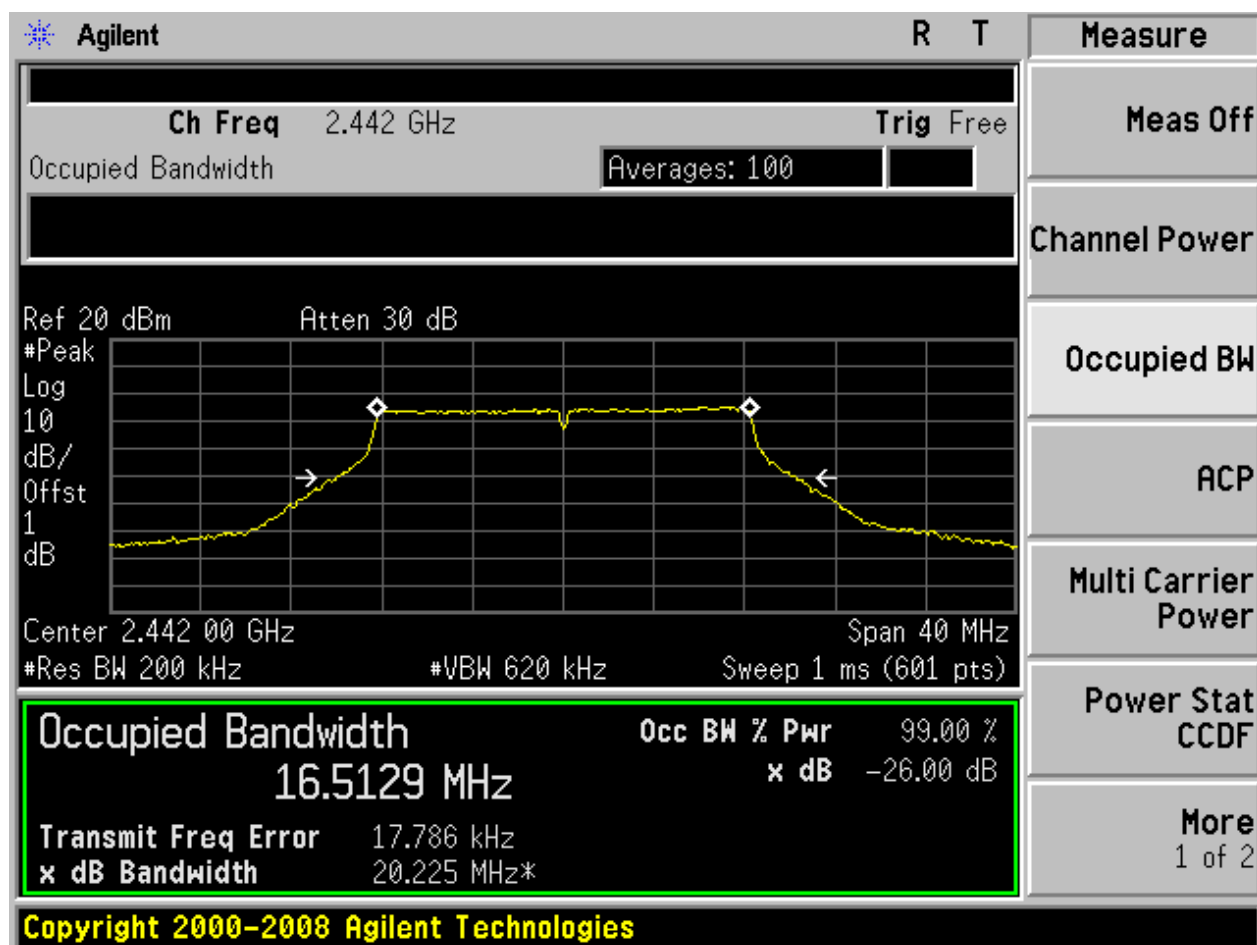
2.10 11G_M@Ant 2



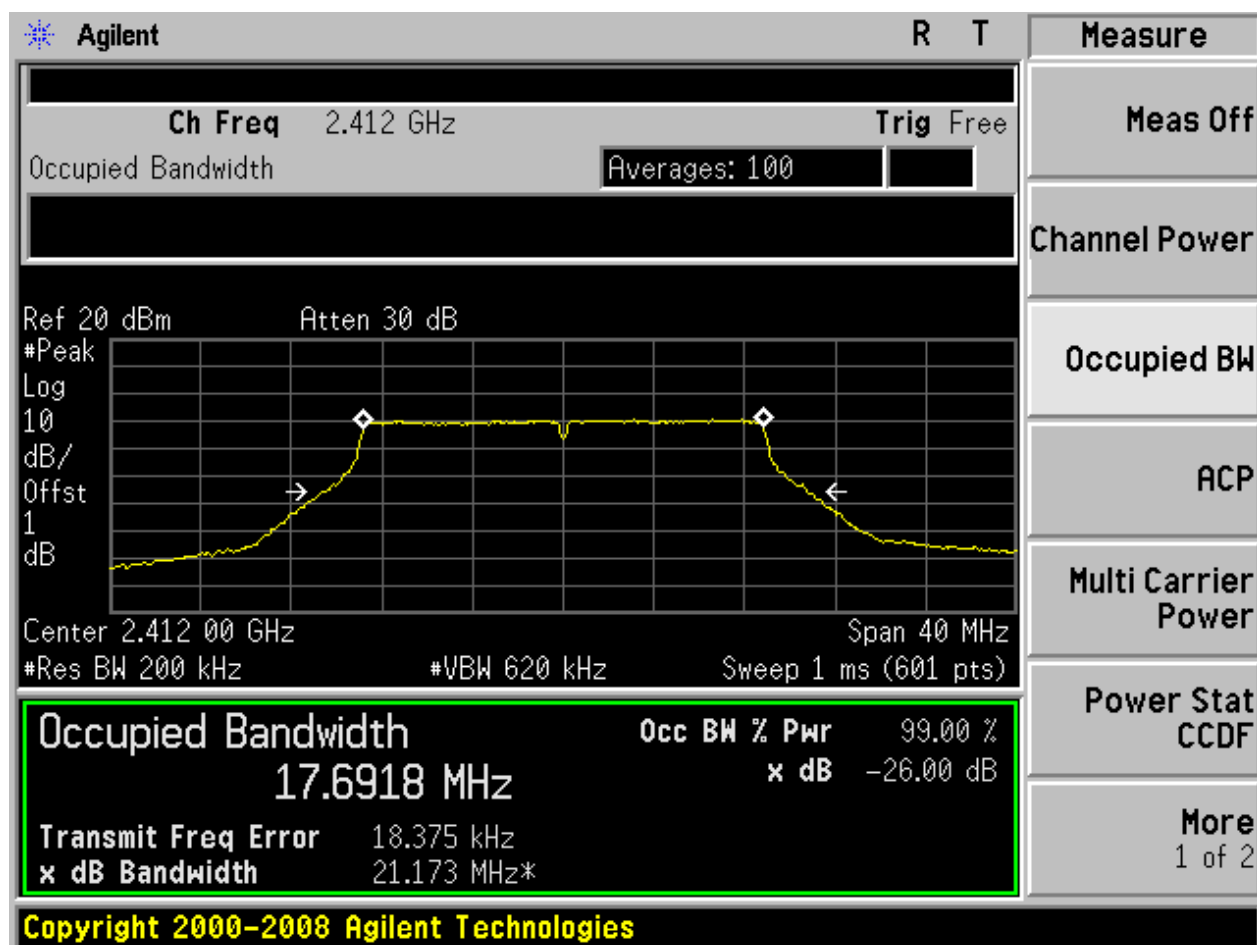
2.11 11G_H@Ant 1



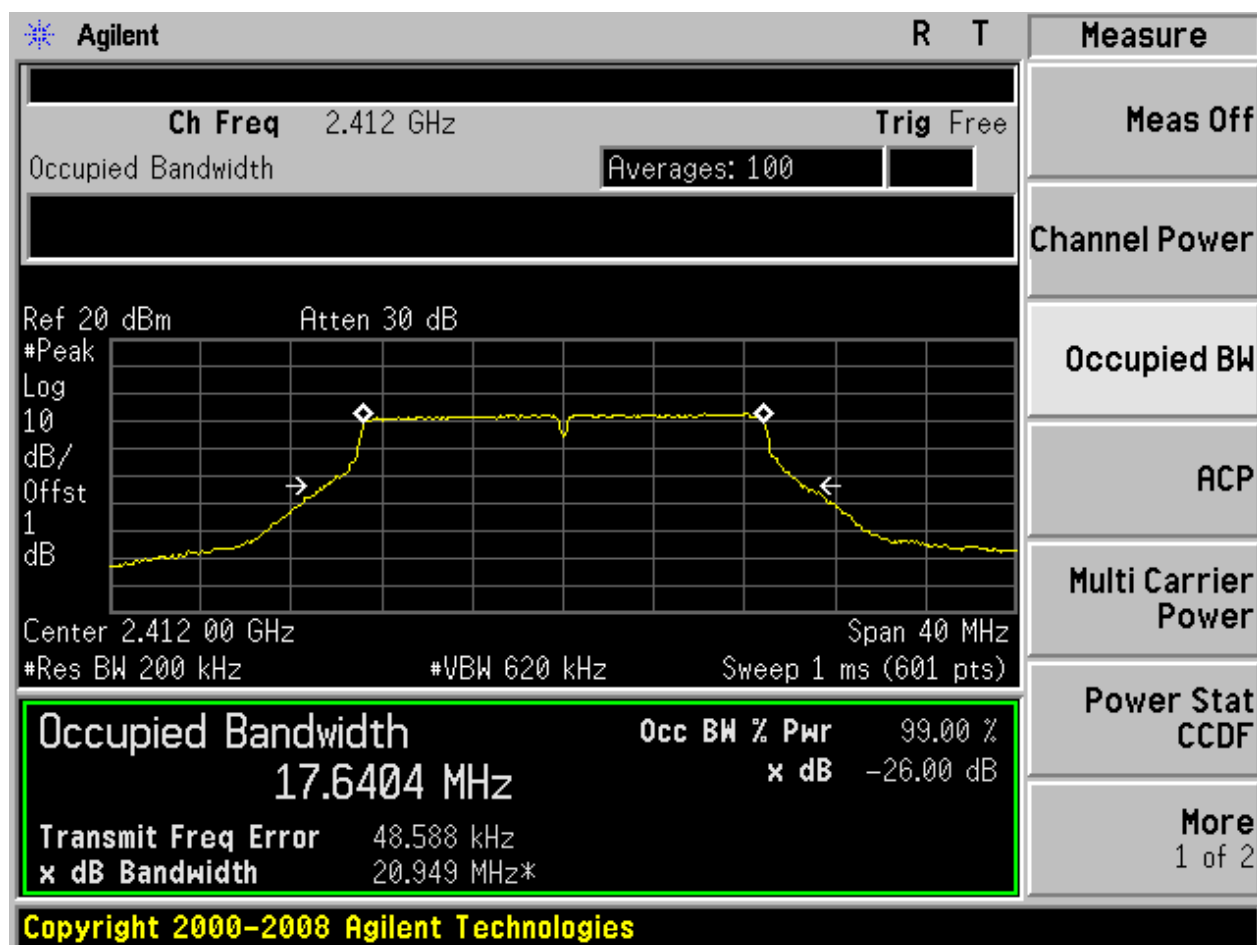
2.12 11G_H@Ant 2



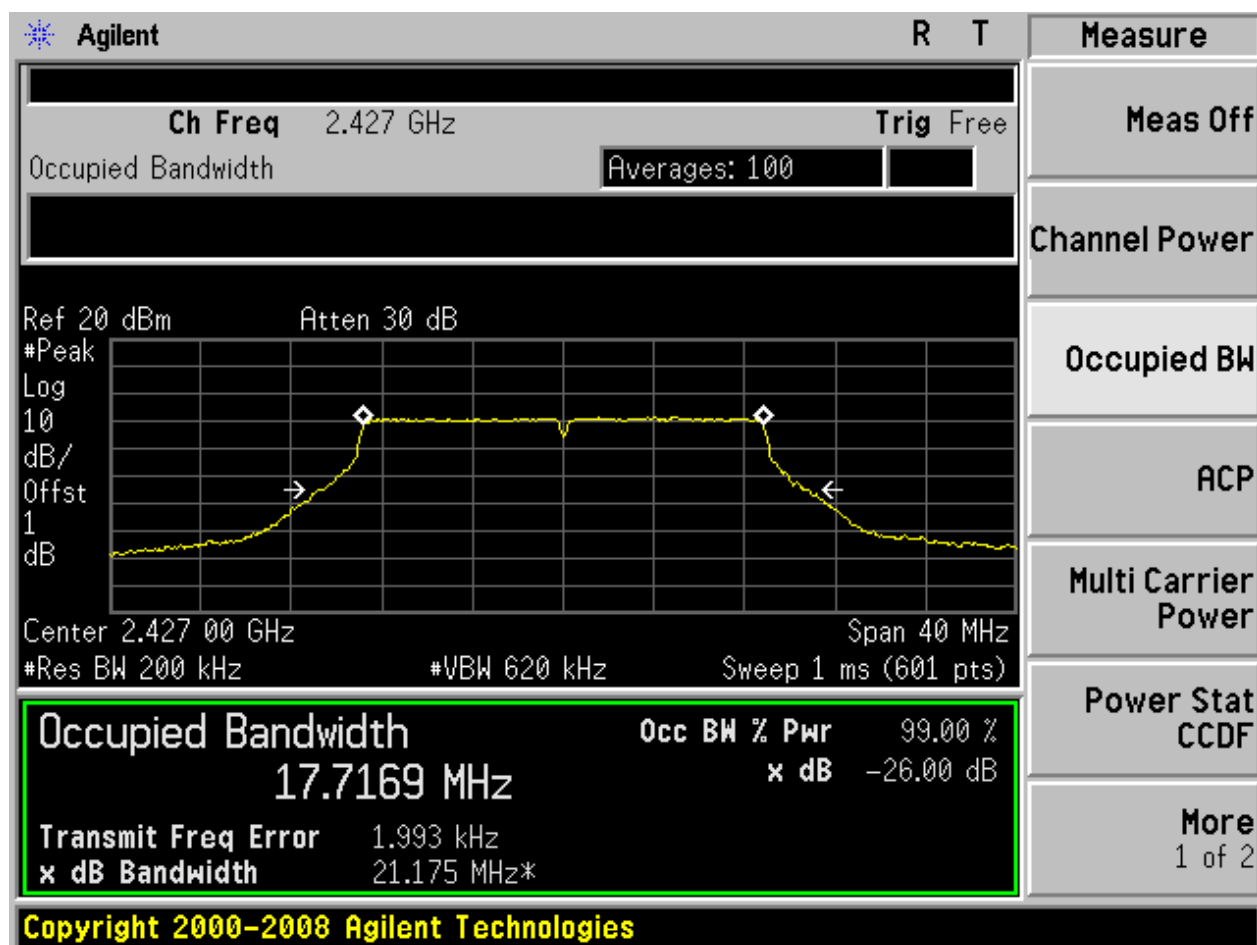
2.13 11N20_L@Ant 1



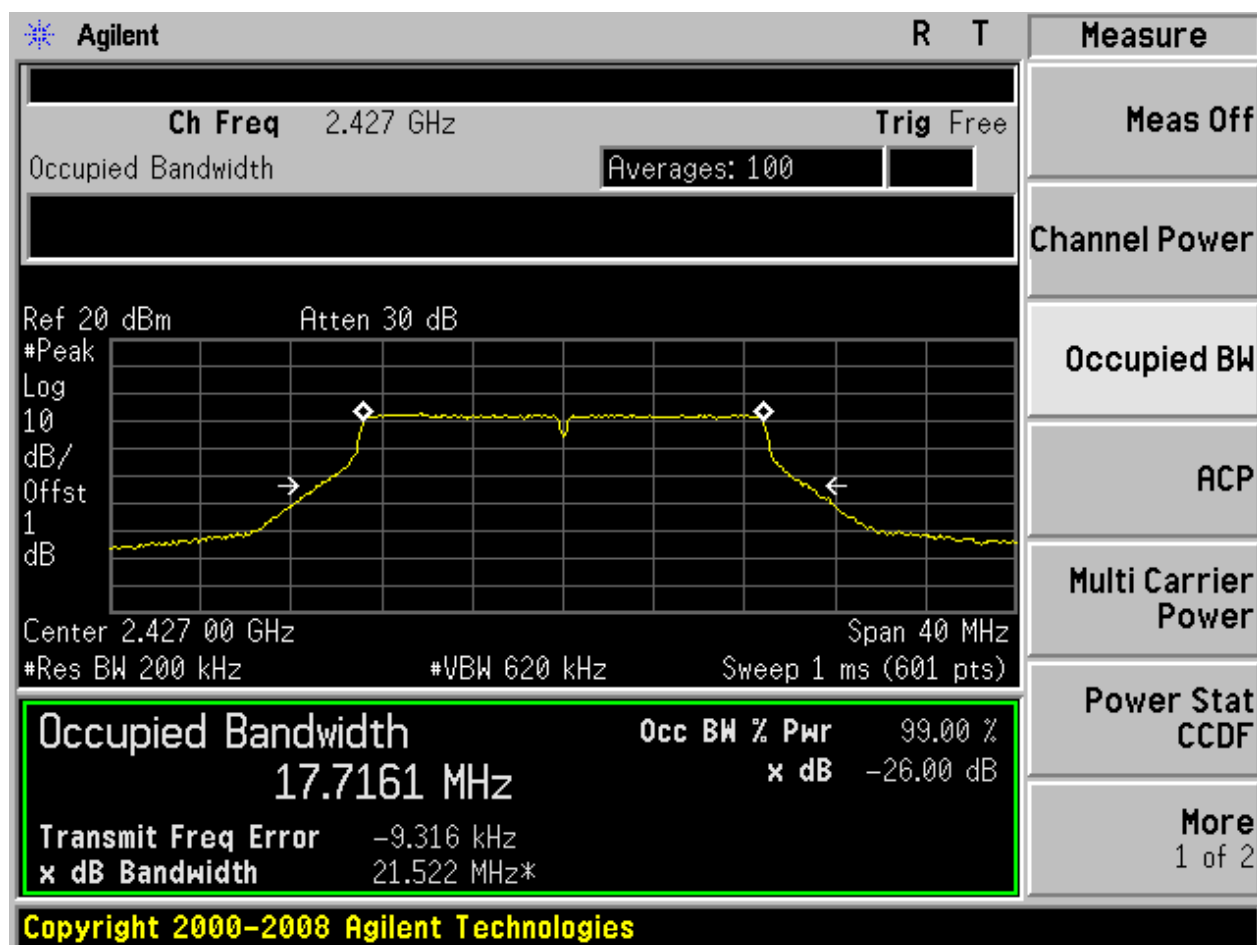
2.14 11N20_L@Ant 2



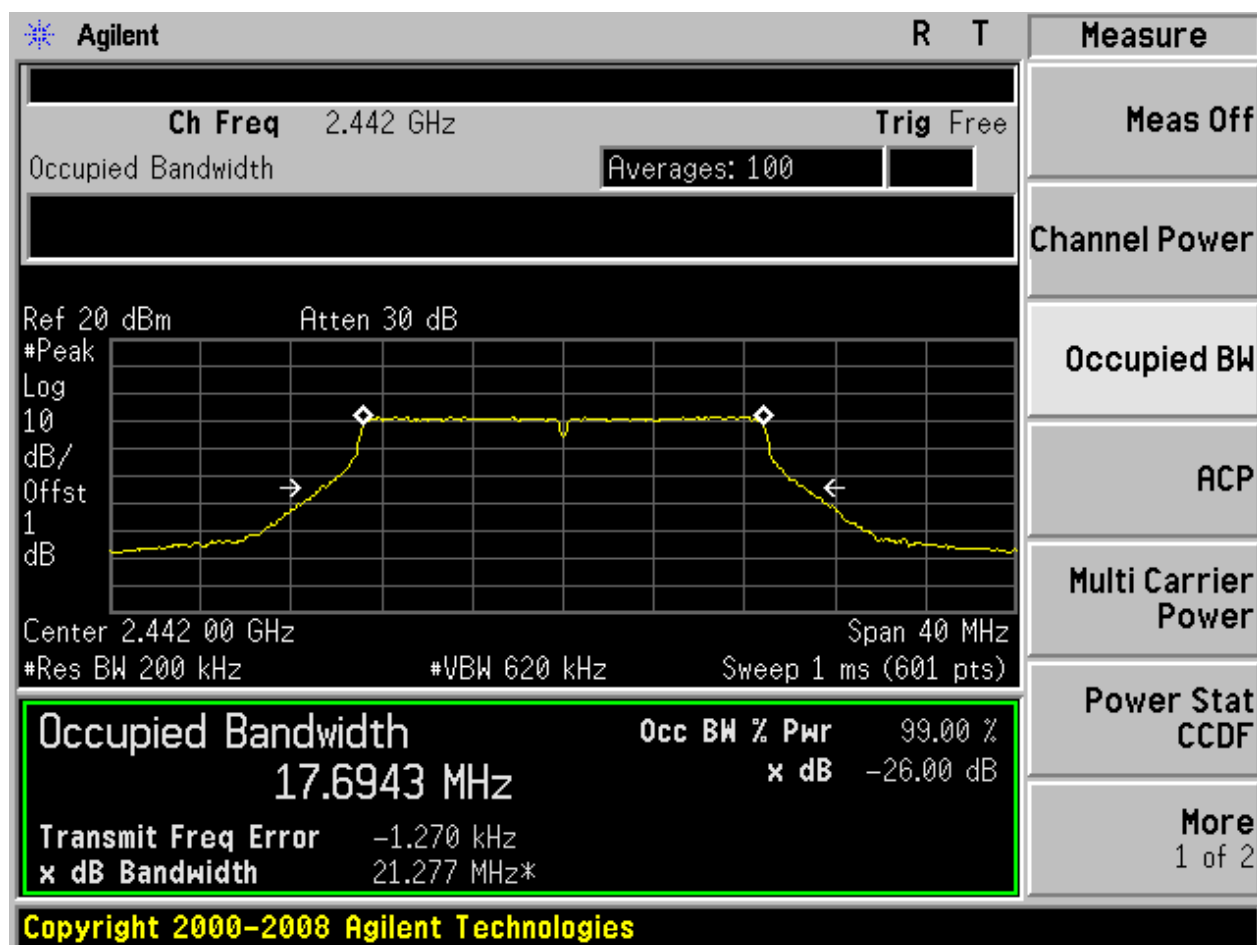
2.15 11N20_M@Ant 1



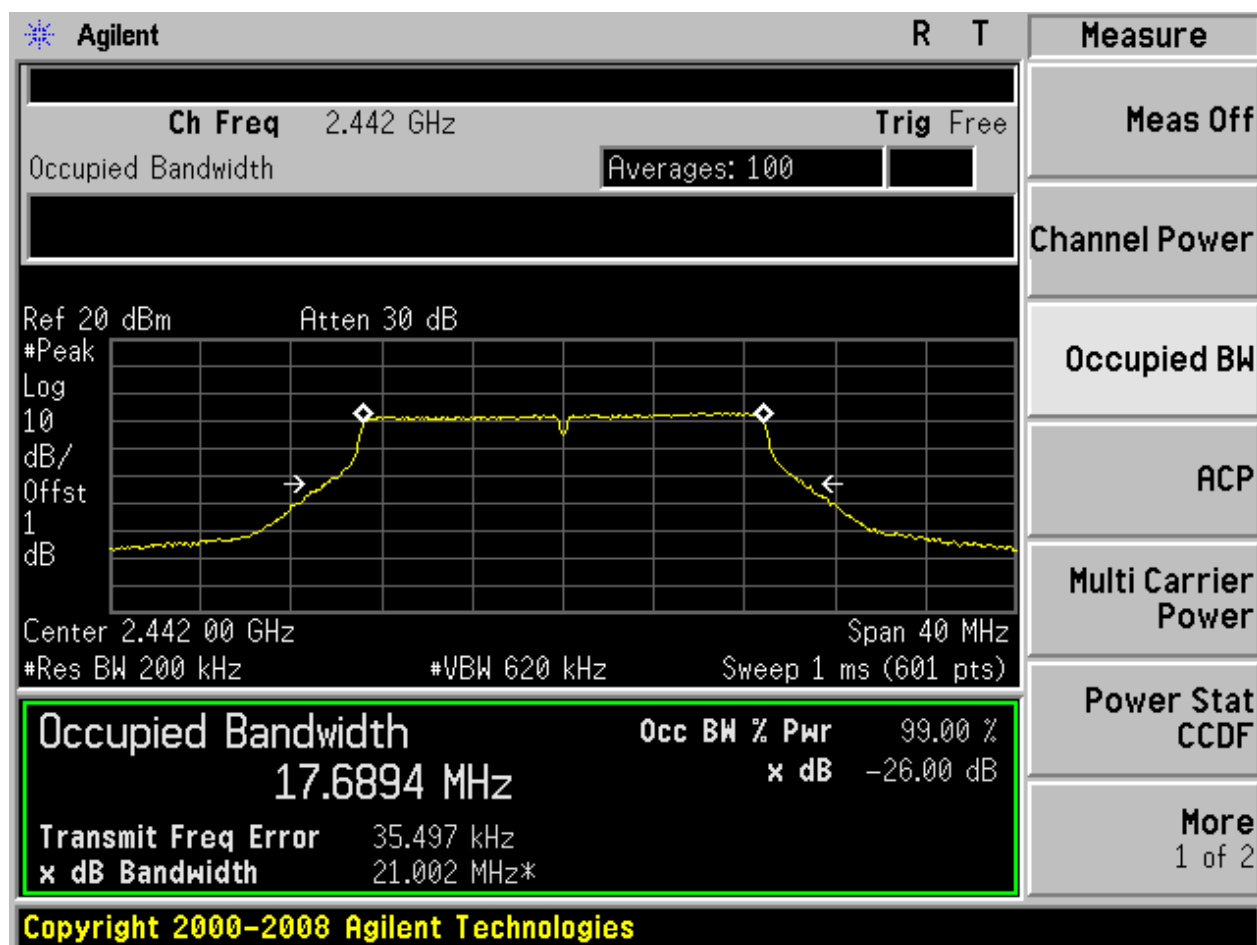
2.16 11N20_M@Ant 2



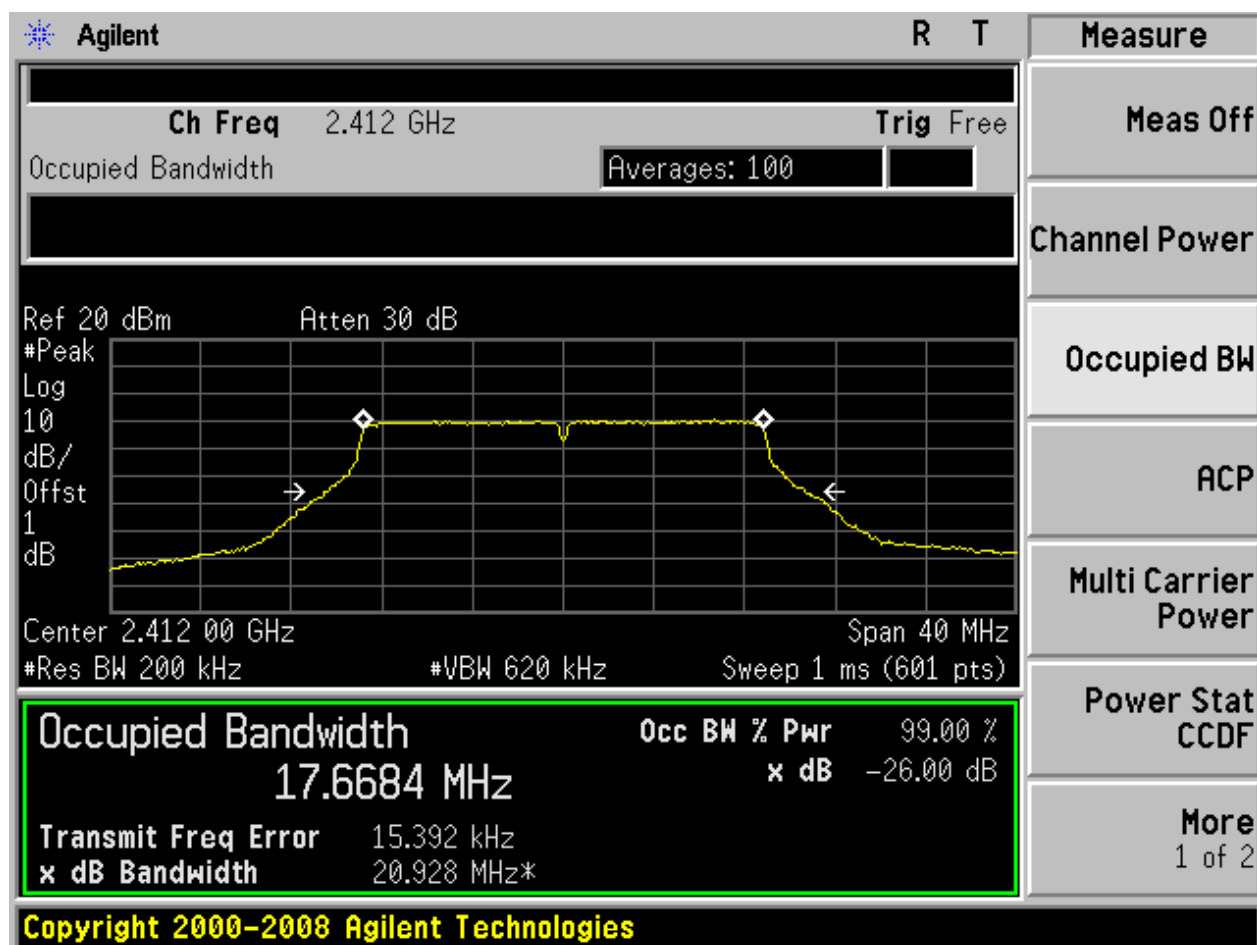
2.17 11N20_H@Ant 1



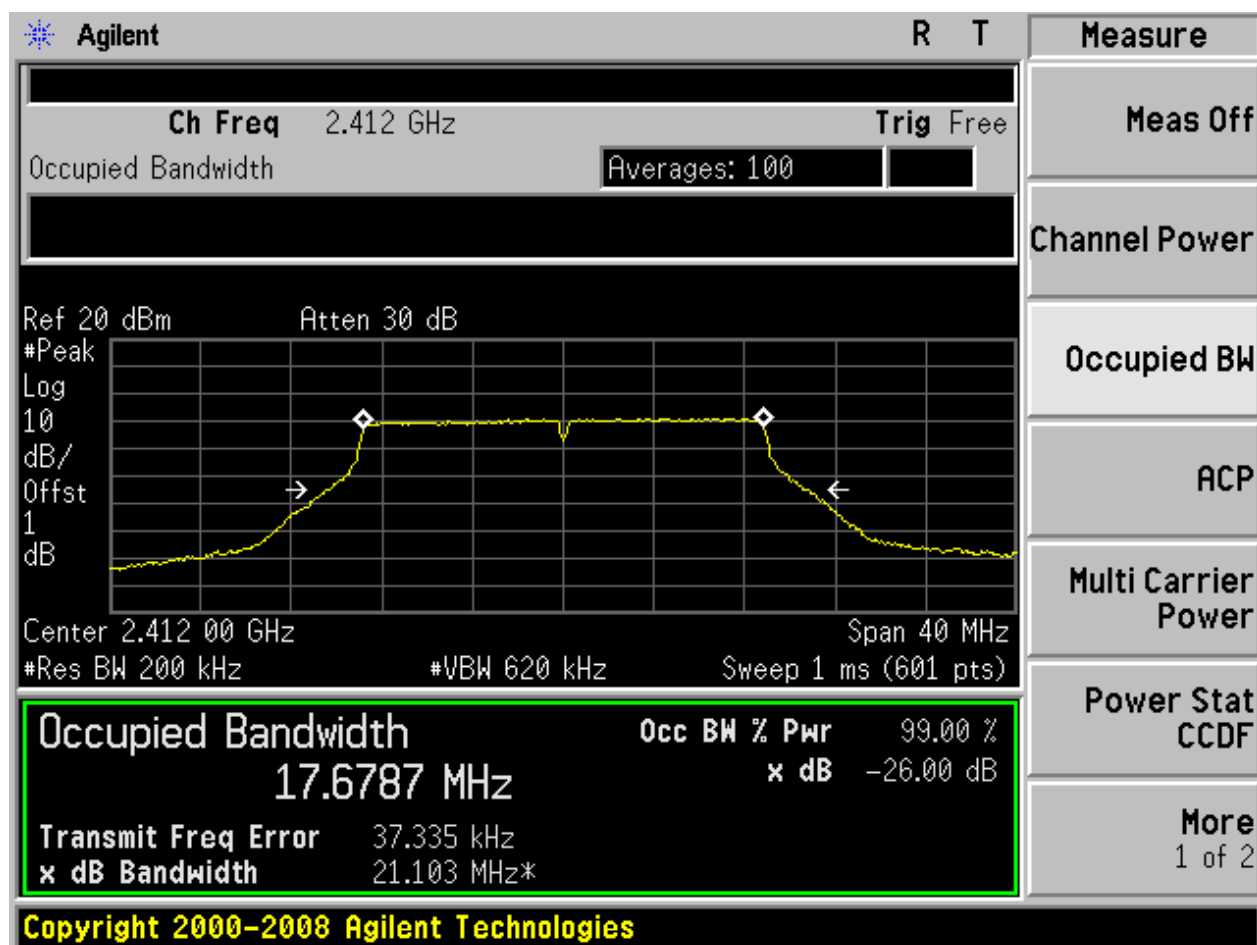
2.18 11N20_H@Ant 2



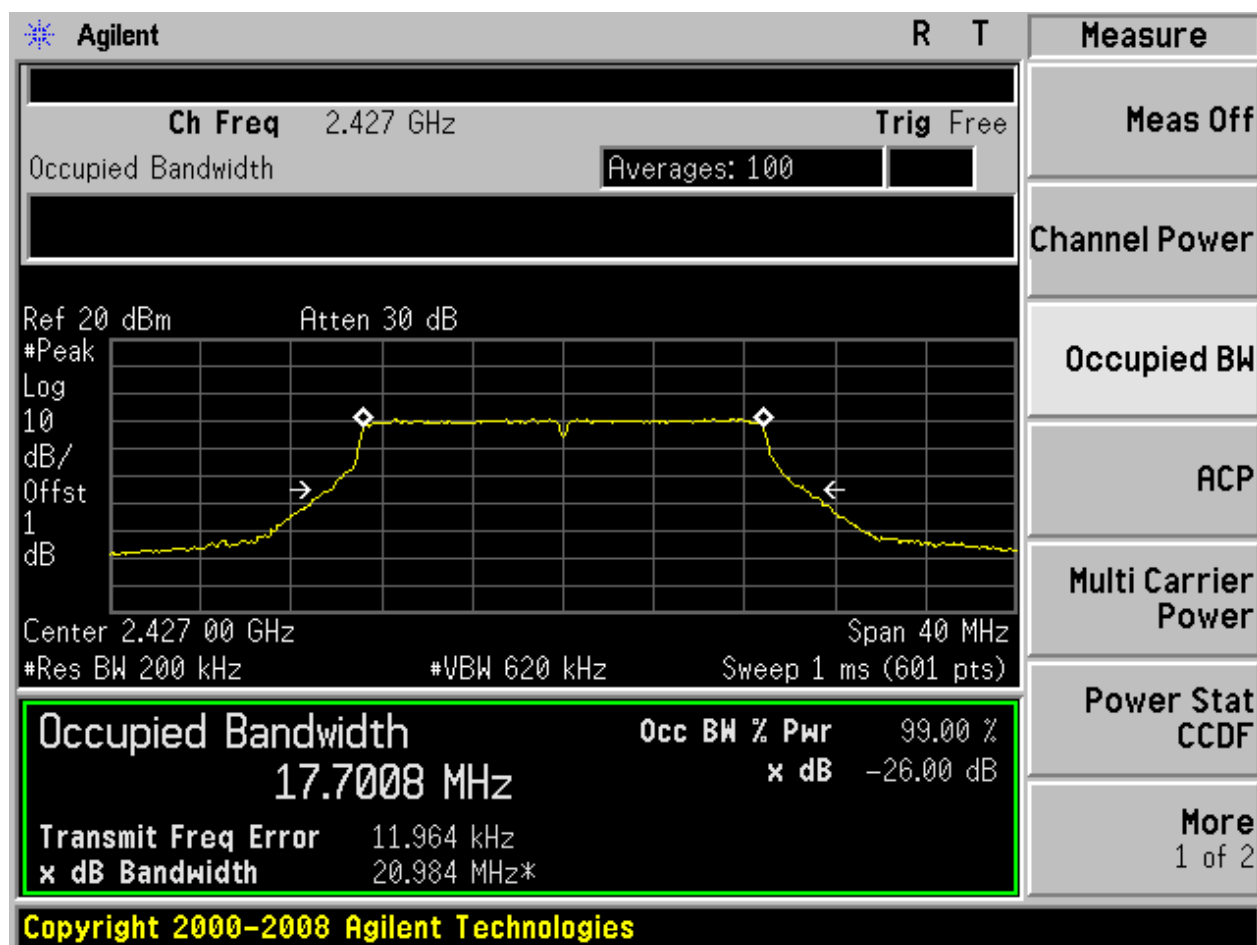
2.13 11N20m_L@Ant 1



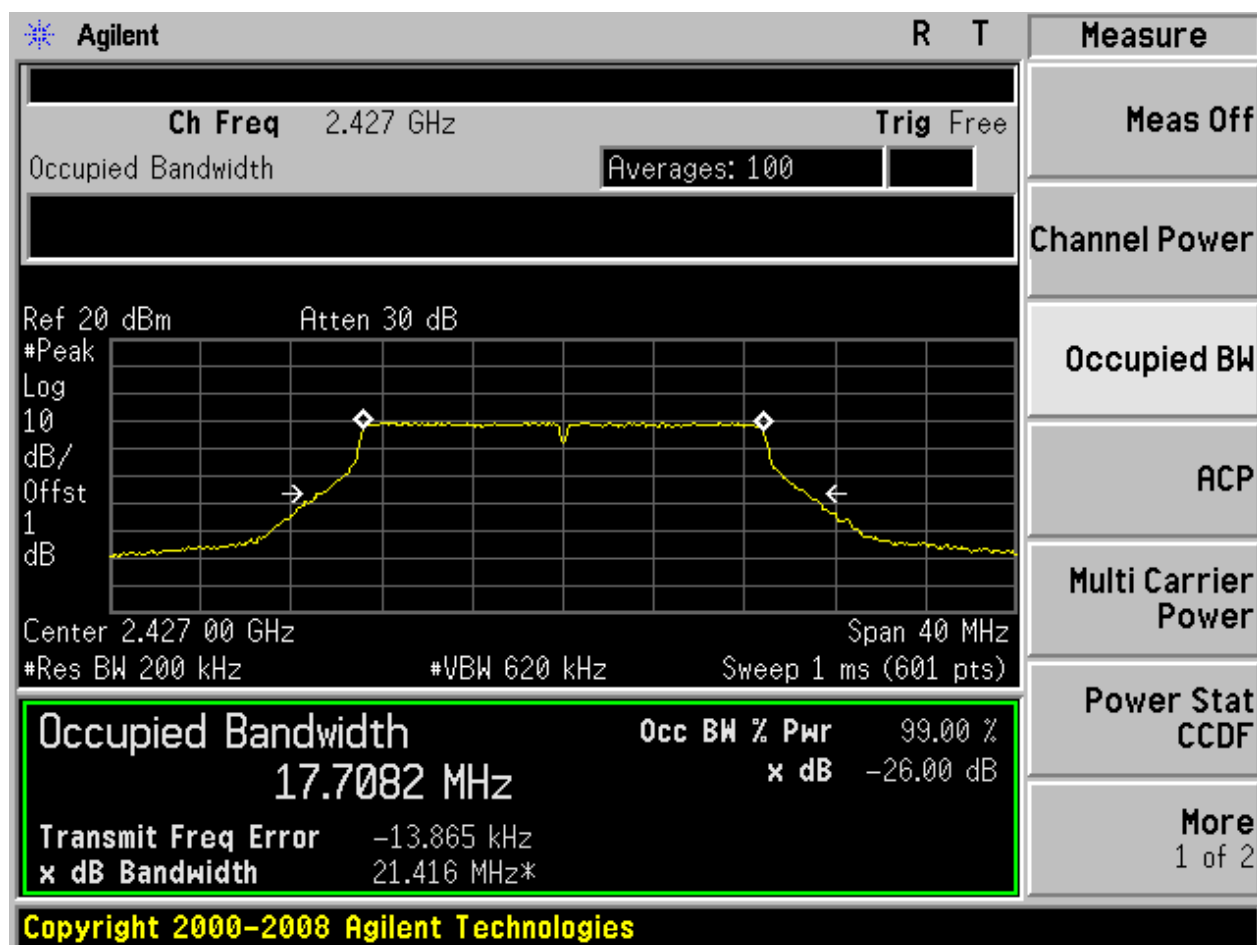
2.14 11N20m_L@Ant 2



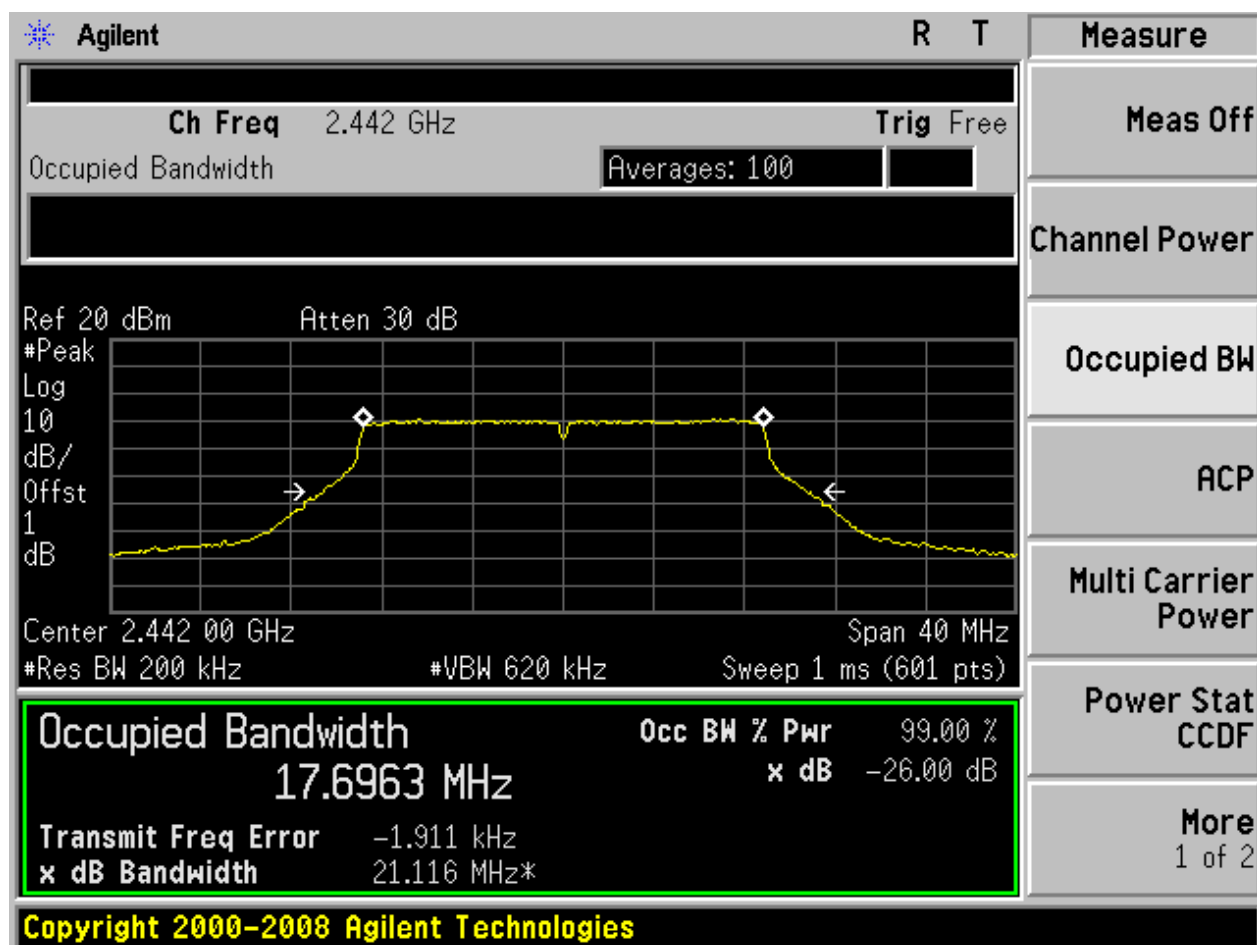
2.15 11N20m_M@Ant 1



2.16 11N20m_M@Ant 2

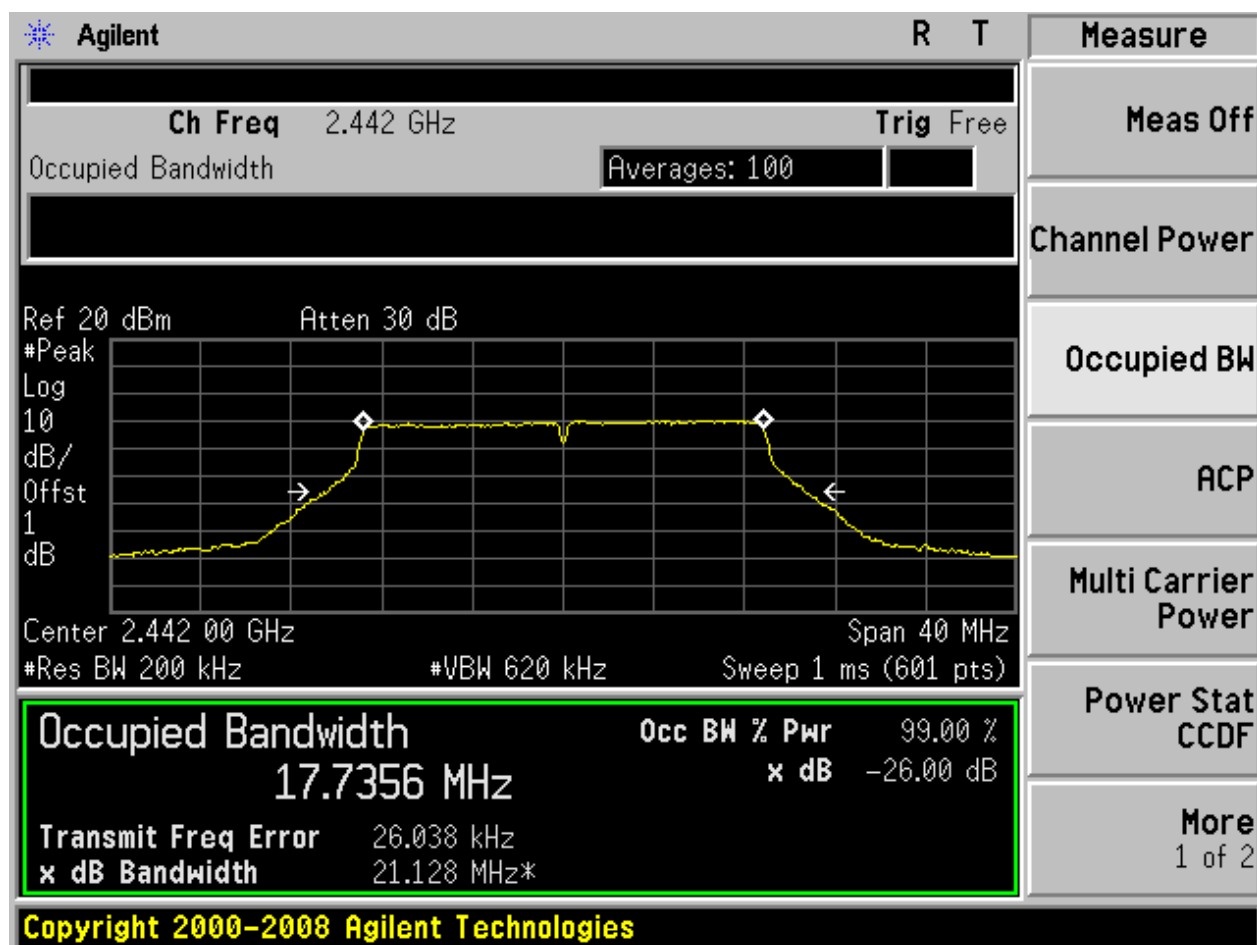


2.17 11N20m_H@Ant 1

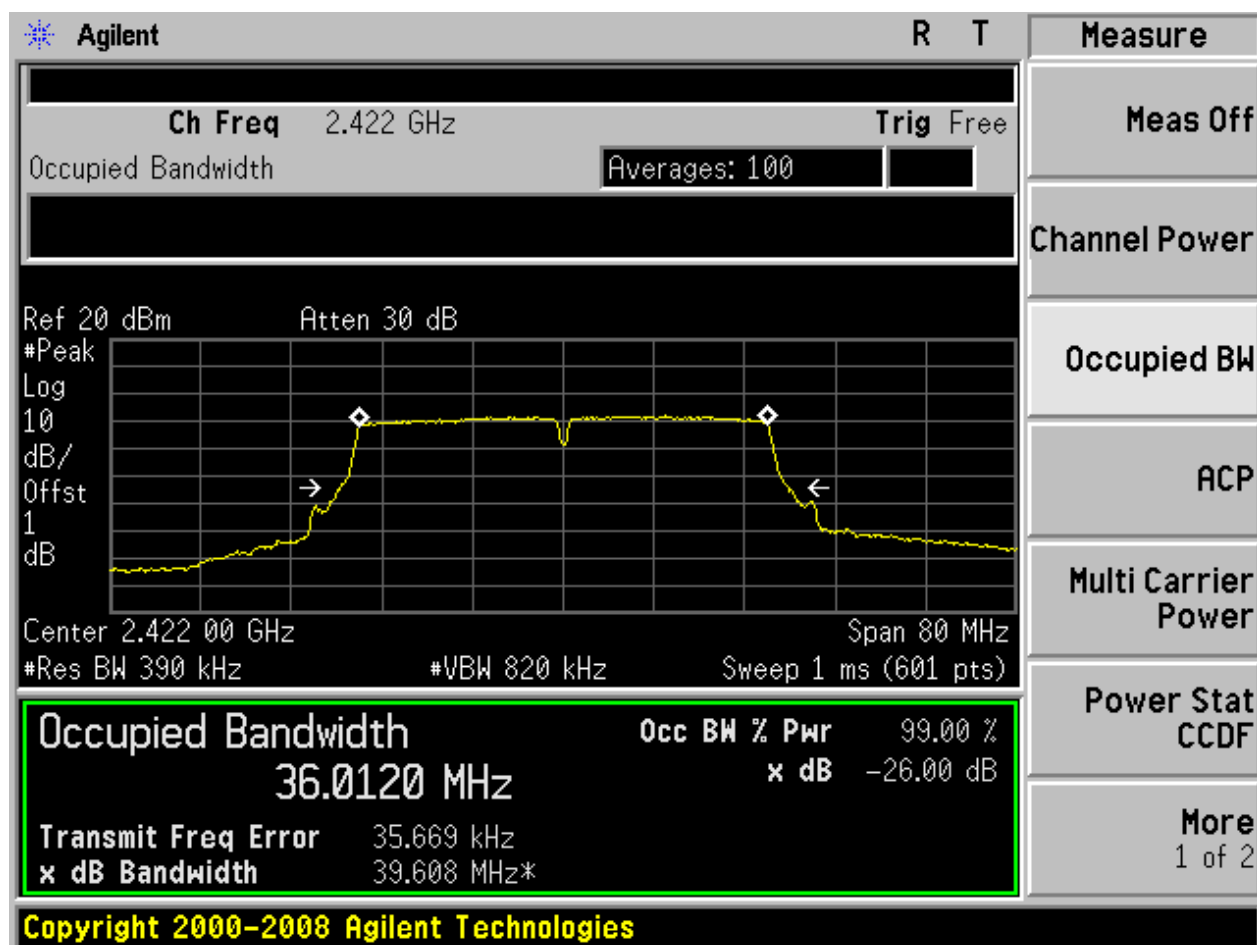




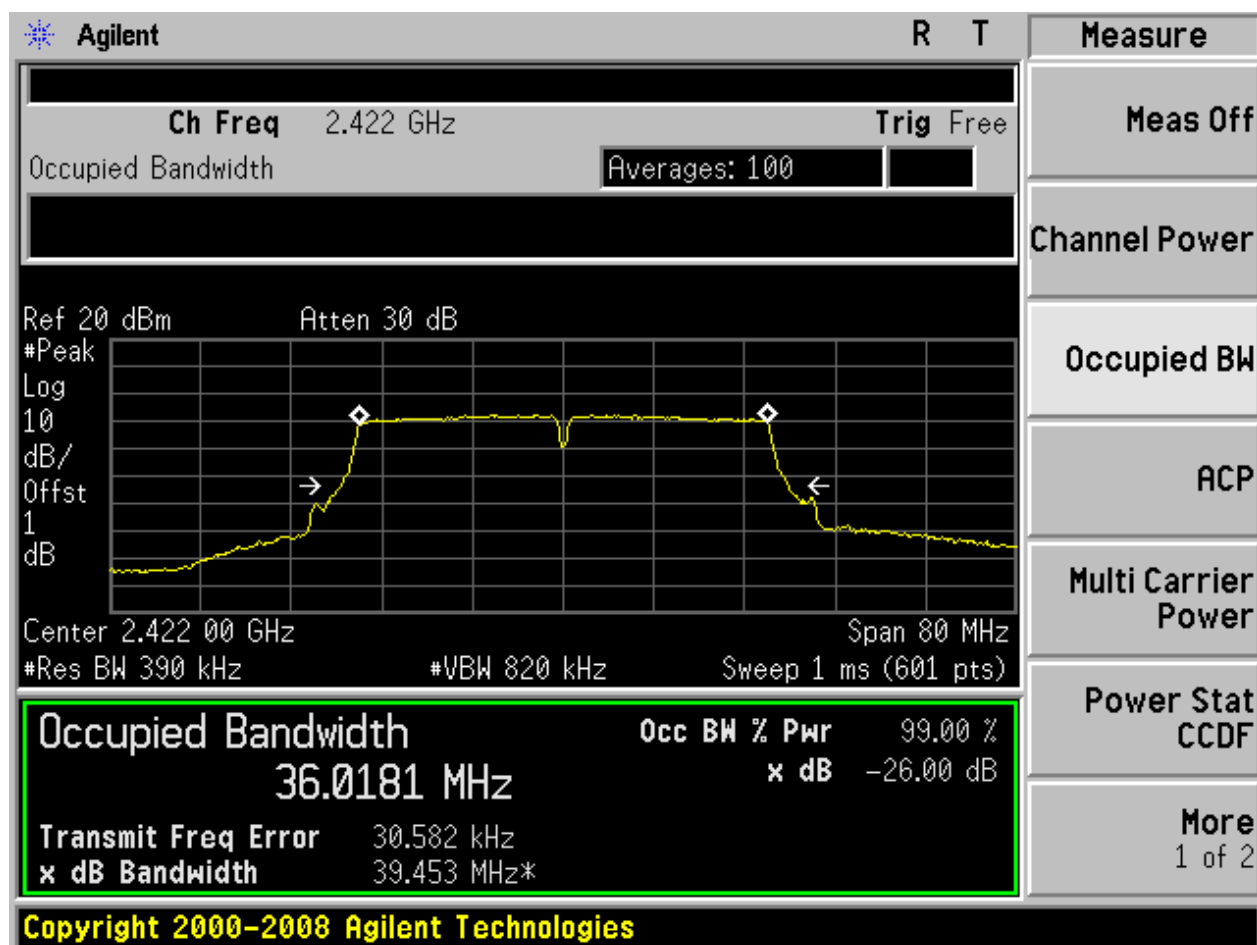
2.18 11N20m_H@Ant 2



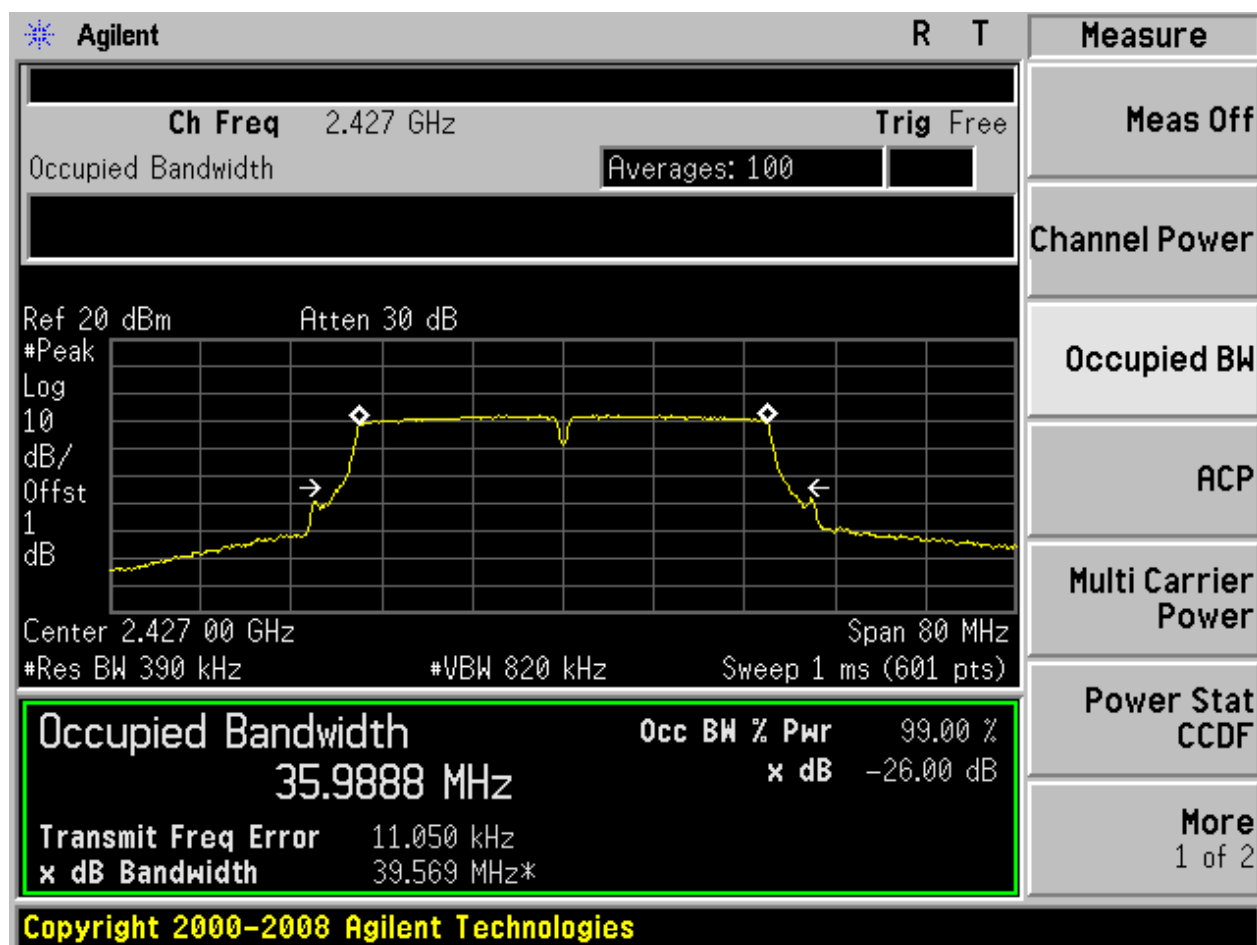
2.19 11N40_L@Ant 1



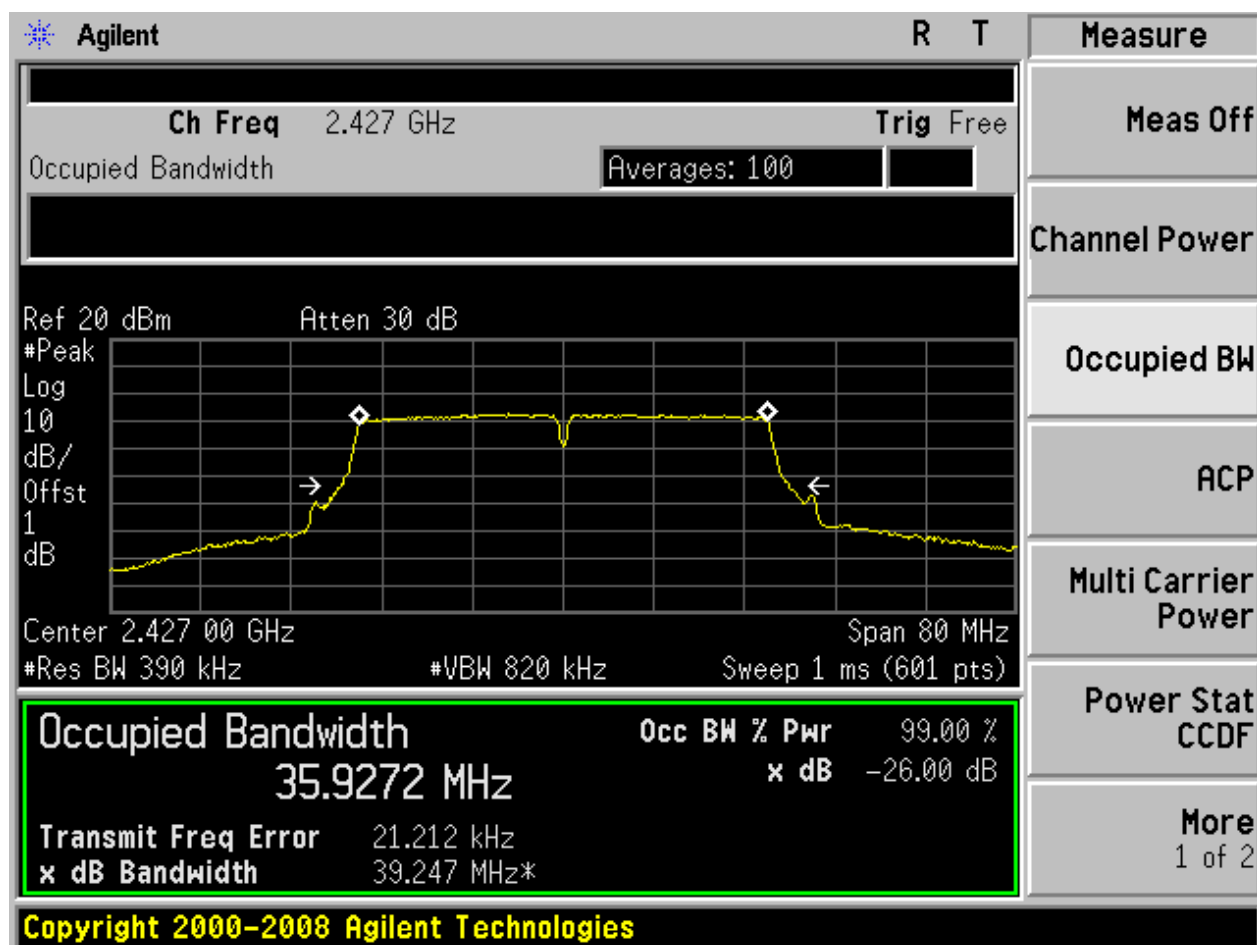
2.20 11N40_L@Ant 2



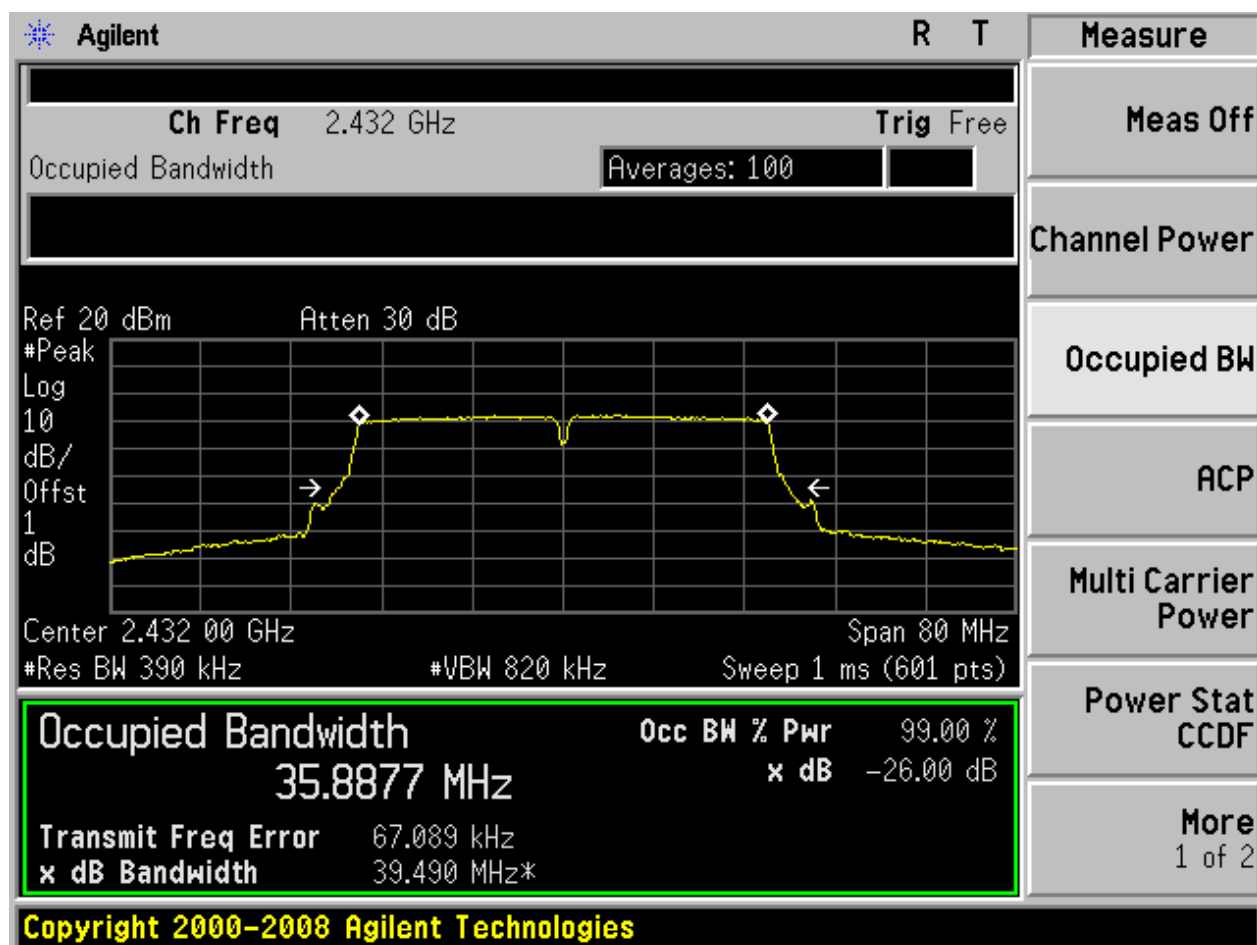
2.21 11N40_M@Ant 1



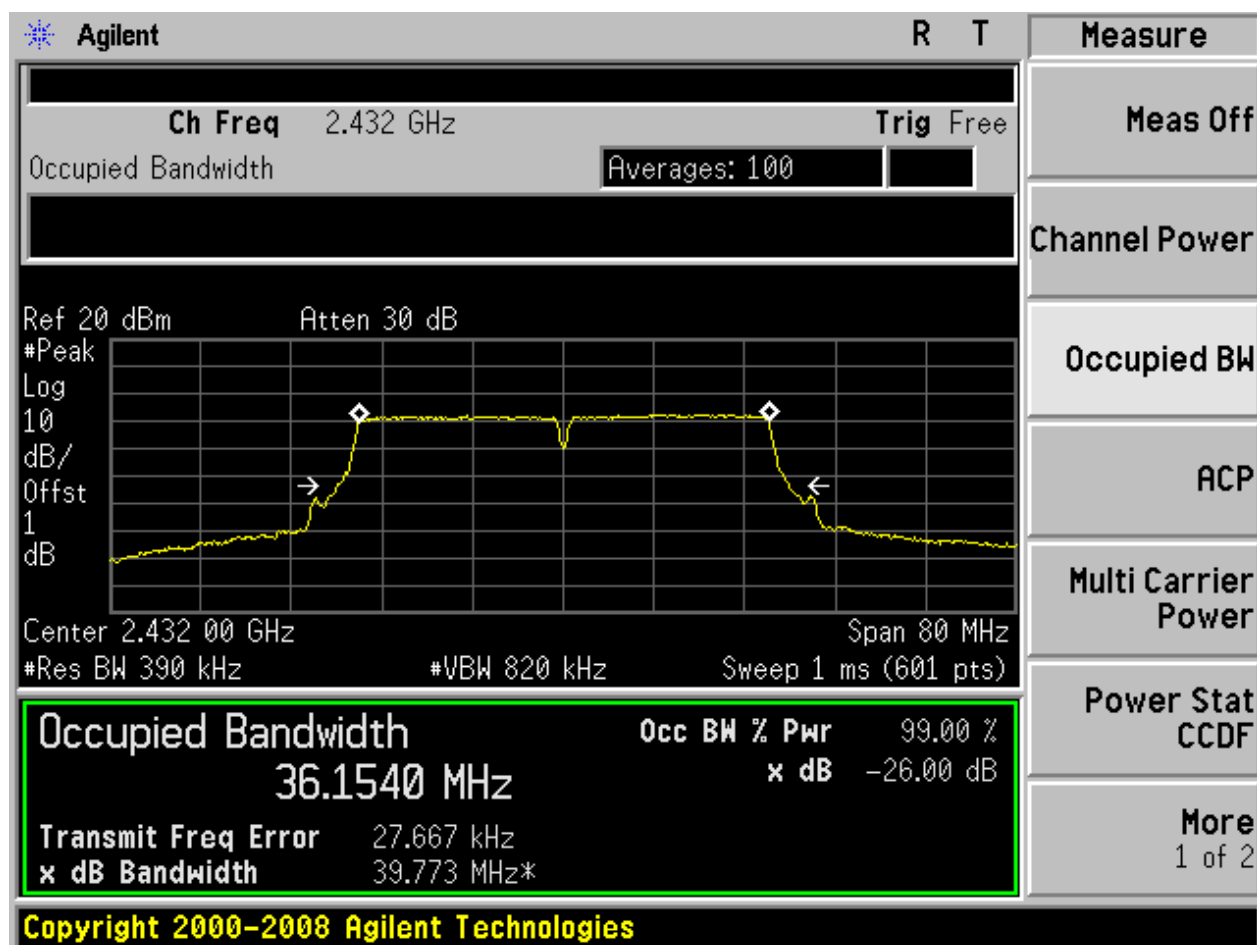
2.22 11N40_M@Ant 2



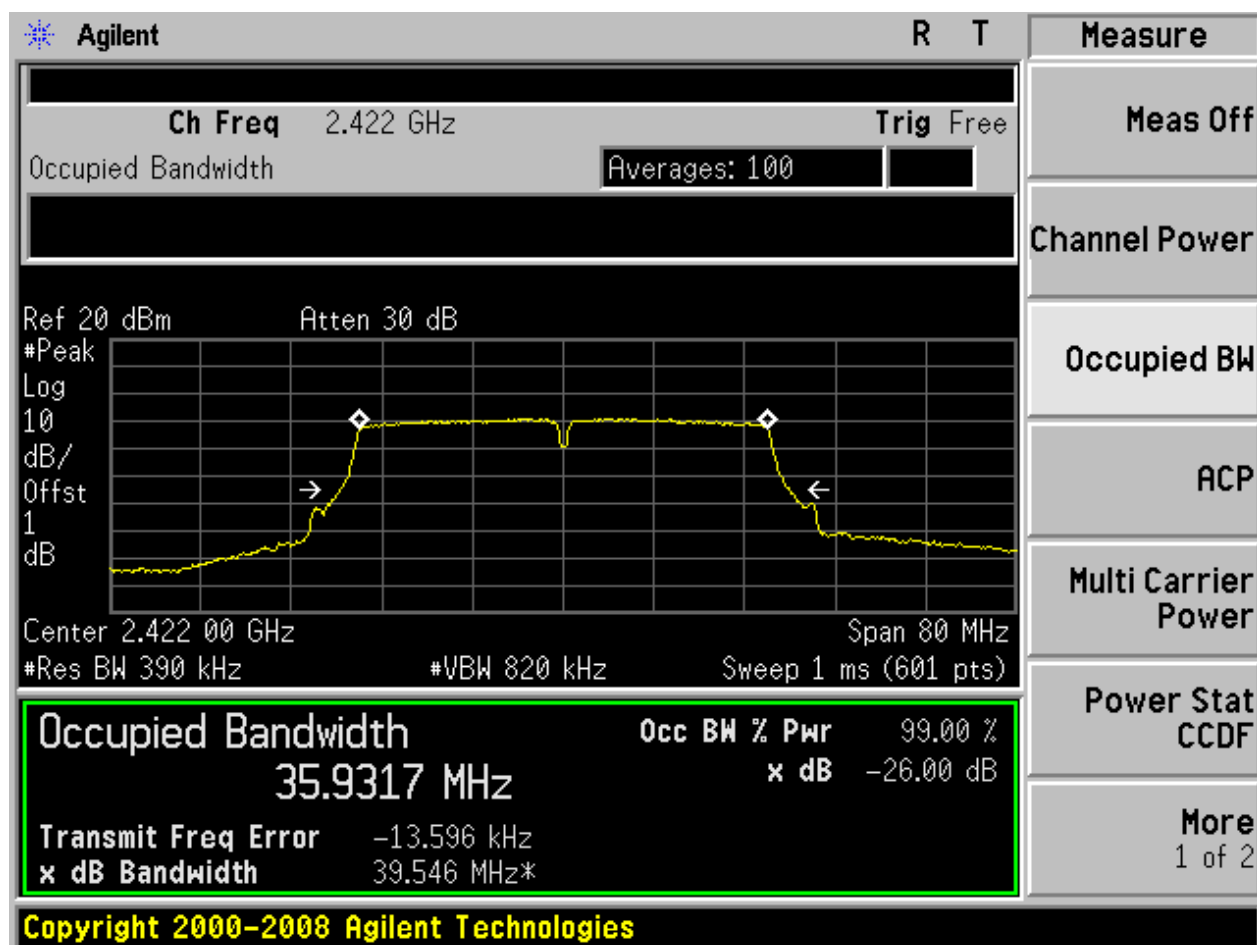
2.23 11N40_H@Ant 1



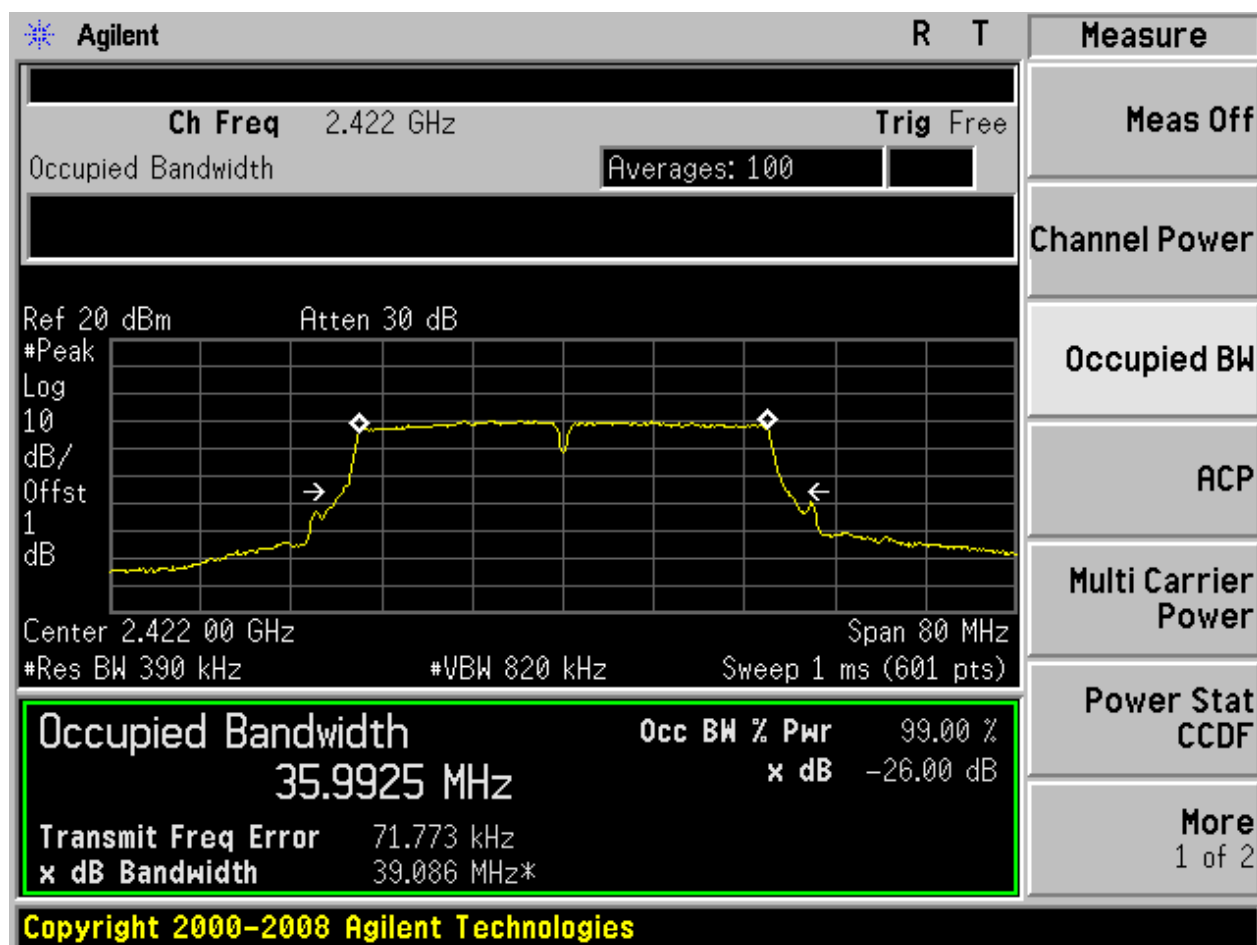
2.24 11N40_H@Ant 2



2.31 11N40m_L@Ant 1

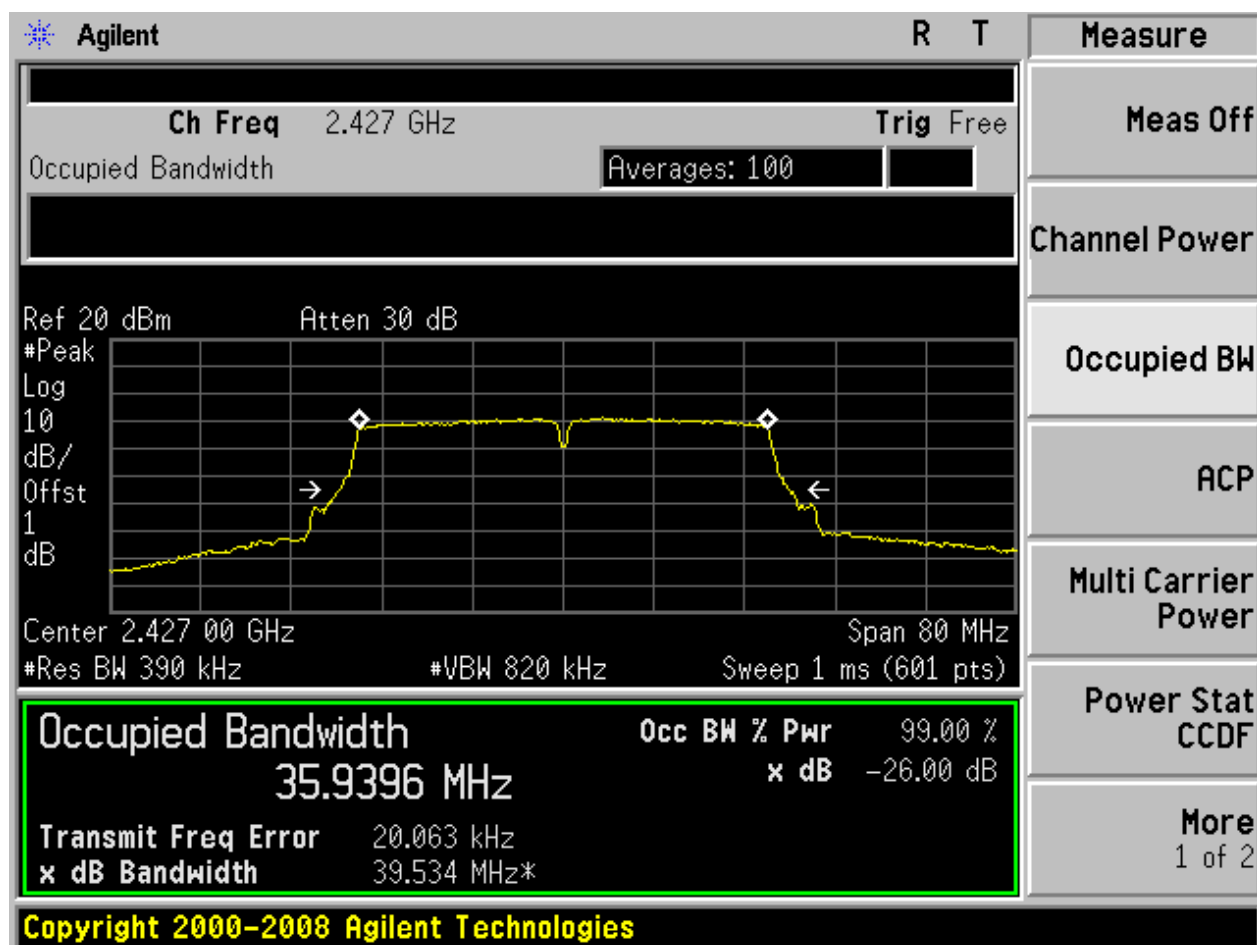


2.32 11N40m_L@Ant 2

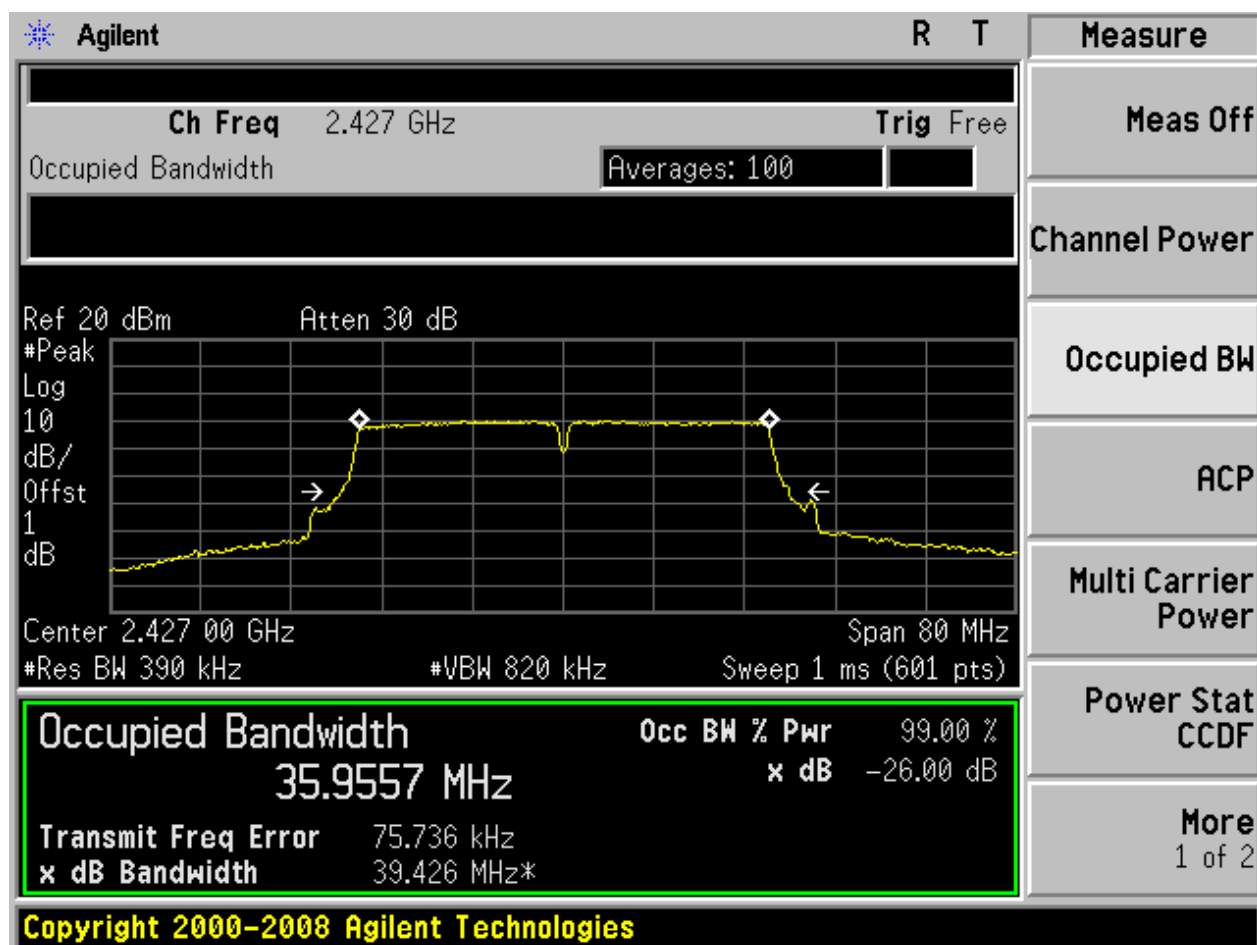




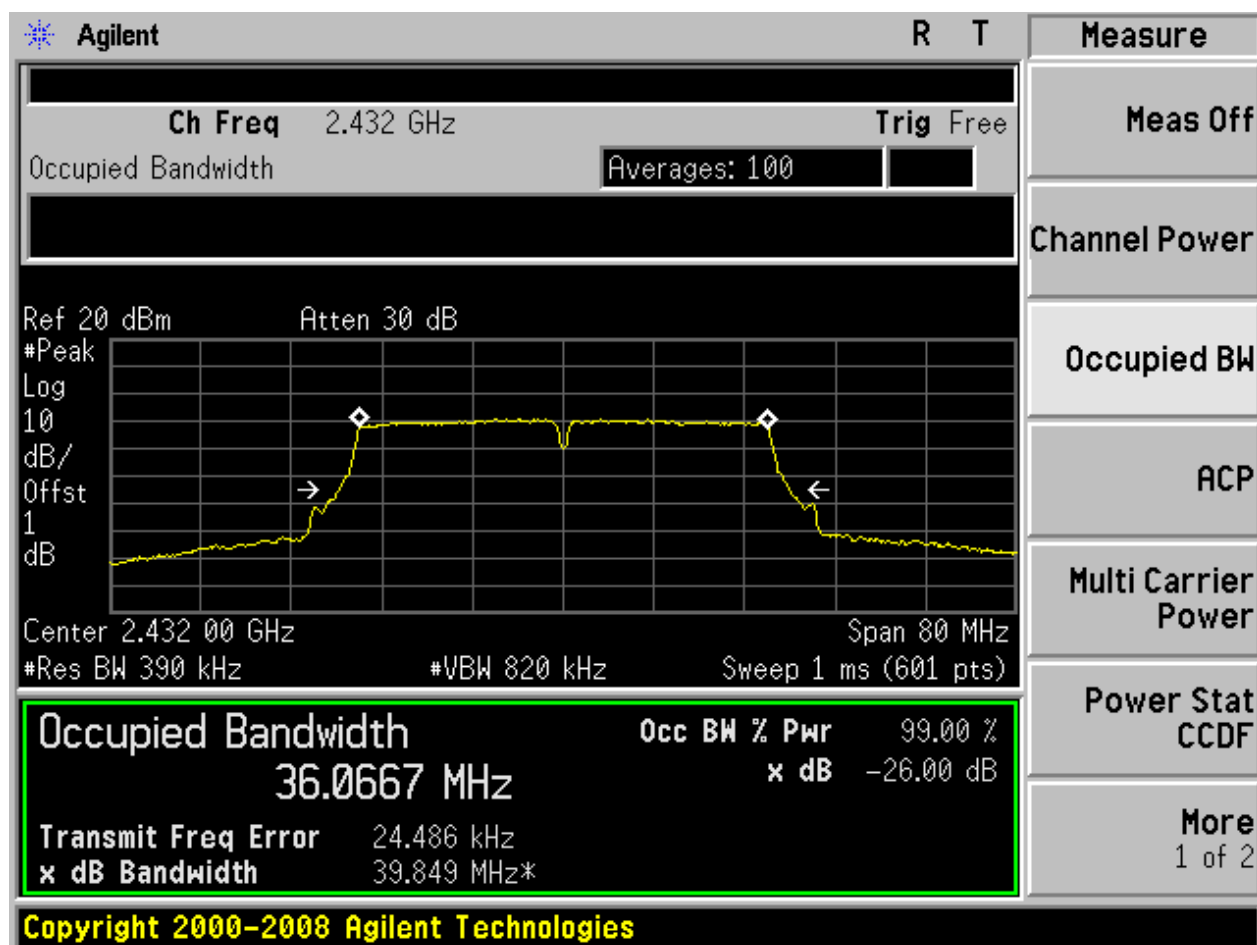
2.33 11N40m_M@Ant 1



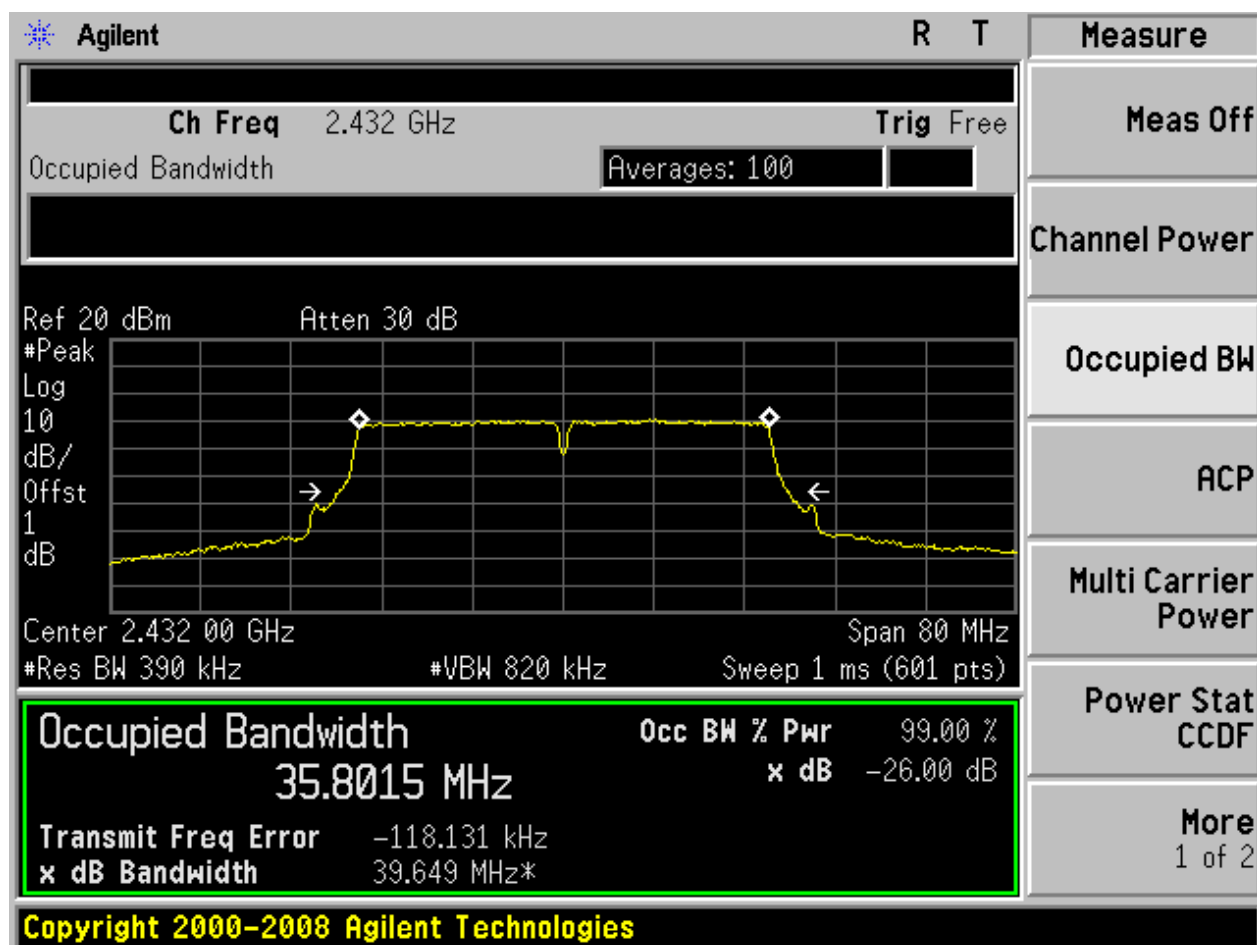
2.34 11N40m_M@Ant 2



2.35 11N40m_H@Ant 1



2.36 11N40m_H@Ant 2



Appendix C: Maximum Conducted Average Output Power

Part I - Test Results

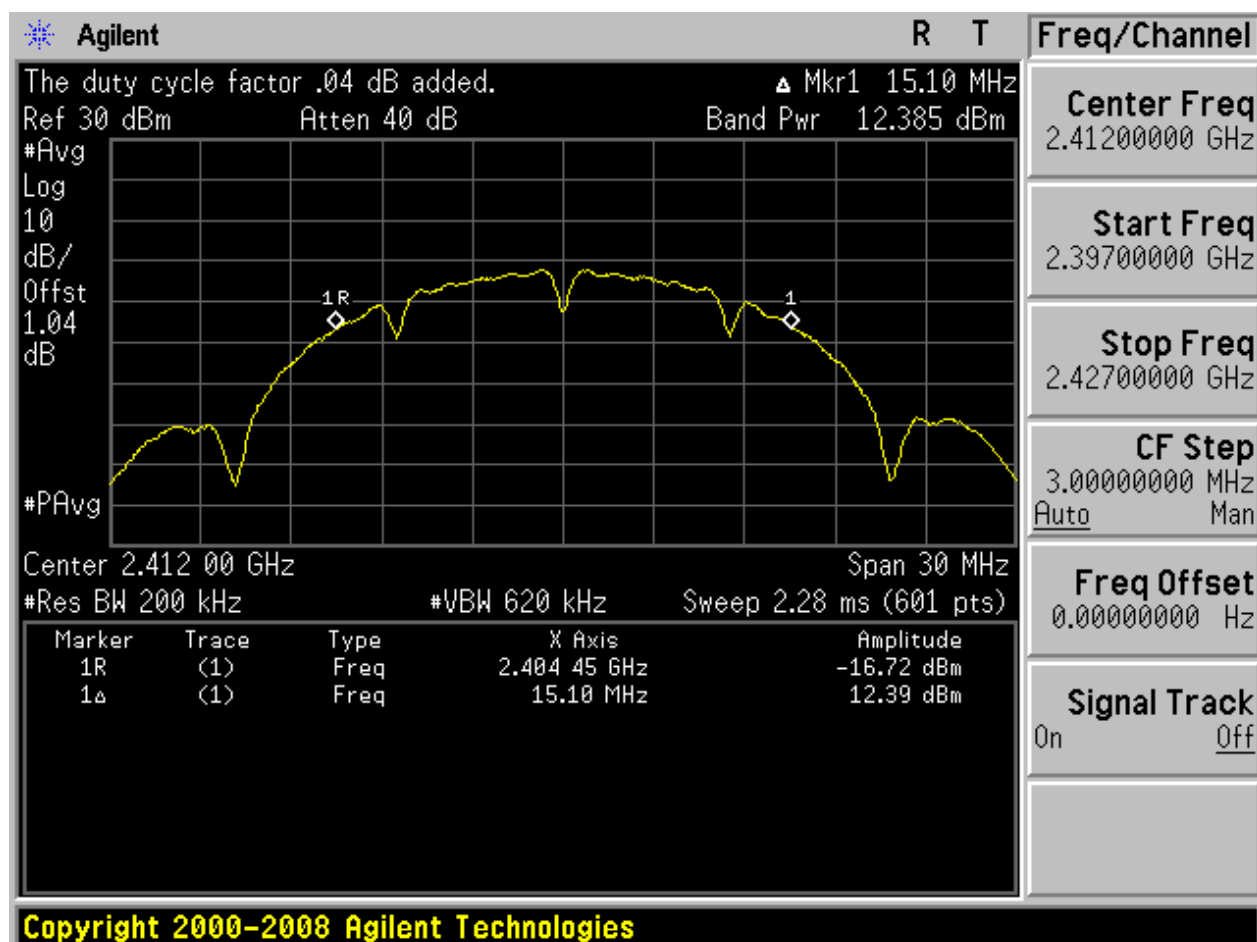
Test Mode	Test Channel	Frequency[MHz]	Ant	Power[dBm]	Verdict
11B	L	2412	Ant 1	12.39	pass
11B	L	2412	Ant 2	12.65	pass
11B	M	2427	Ant 1	12.92	pass
11B	M	2427	Ant 2	12.68	pass
11B	H	2442	Ant 1	12.44	pass
11B	H	2442	Ant 2	13.16	pass
11G	L	2412	Ant 1	9.44	pass
11G	L	2412	Ant 2	11.13	pass
11G	M	2427	Ant 1	10.11	pass
11G	M	2427	Ant 2	11.16	pass
11G	H	2442	Ant 1	10.11	pass
11G	H	2442	Ant 2	11.22	pass
11N20	L	2412	Ant 1	7.54	pass
11N20	L	2412	Ant 2	9.55	pass
11N20	M	2427	Ant 1	8.39	pass
11N20	M	2427	Ant 2	9.60	pass
11N20	H	2442	Ant 1	8.60	pass
11N20	H	2442	Ant 2	9.52	pass
11N20m	L	2412	Ant 1	7.44	---
11N20m	L	2412	Ant 2	7.87	---
11N20m_Sum	L	2412	Ant 1+ 2	10.67	pass
11N20m	M	2427	Ant 1	7.90	---
11N20m	M	2427	Ant 2	6.71	---
11N20m_Sum	M	2427	Ant 1+ 2	10.36	pass
11N20m	H	2442	Ant 1	7.84	---
11N20m	H	2442	Ant 2	7.27	---
11N20m_Sum	H	2442	Ant 1+ 2	10.57	pass
11N40	L	2422	Ant 1	8.10	pass
11N40	L	2422	Ant 2	8.66	pass
11N40	M	2427	Ant 1	8.70	pass
11N40	M	2427	Ant 2	8.94	pass
11N40	H	2432	Ant 1	8.62	pass
11N40	H	2432	Ant 2	8.97	pass
11N40m	L	2422	Ant 1	7.90	---
11N40m	L	2422	Ant 2	6.90	---

11N40m_Sum	L	2422	Ant 1+ 2	10.44	pass
11N40m	M	2427	Ant 1	7.90	---
11N40m	M	2427	Ant 2	7.24	---
11N40m_Sum	M	2427	Ant 1+ 2	10.59	pass
11N40m	H	2432	Ant 1	7.84	---
11N40m	H	2432	Ant 2	7.53	---
11N40m_Sum	H	2432	Ant 1+ 2	10.70	pass



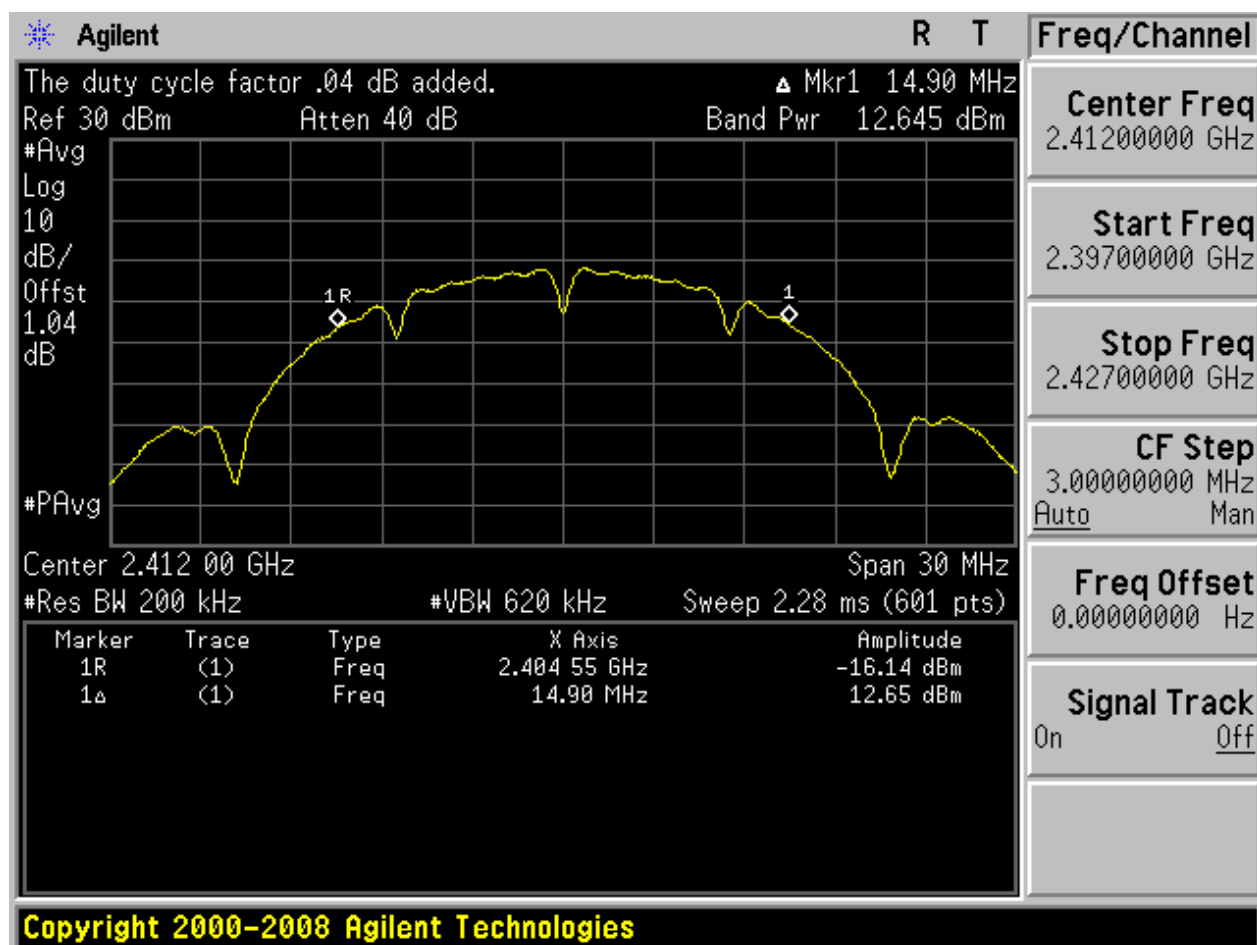
Part II - Test Plots

2.1 11B_L@Ant 1



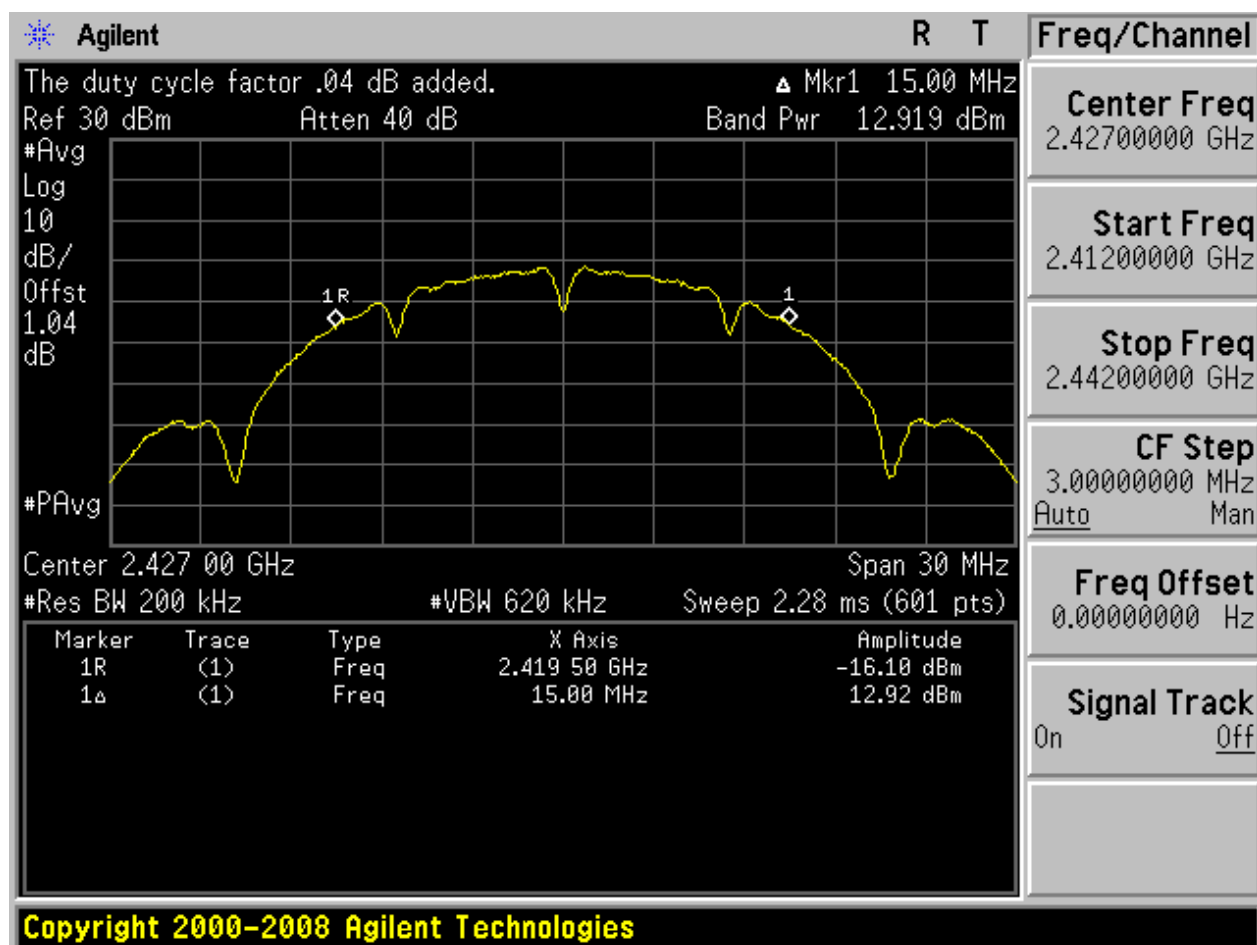


2.2 11B_L@Ant 2



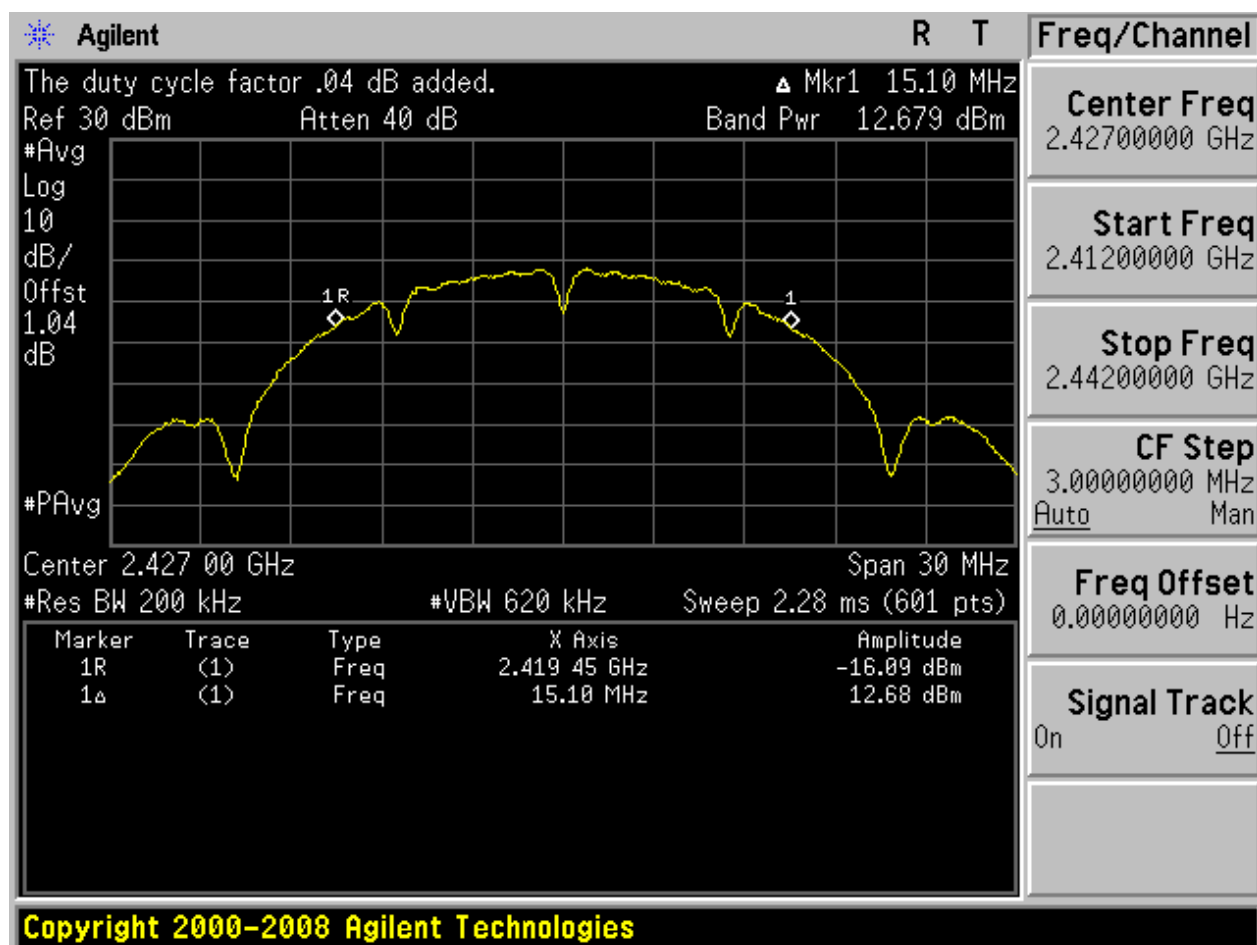


2.3 11B_M@Ant 1



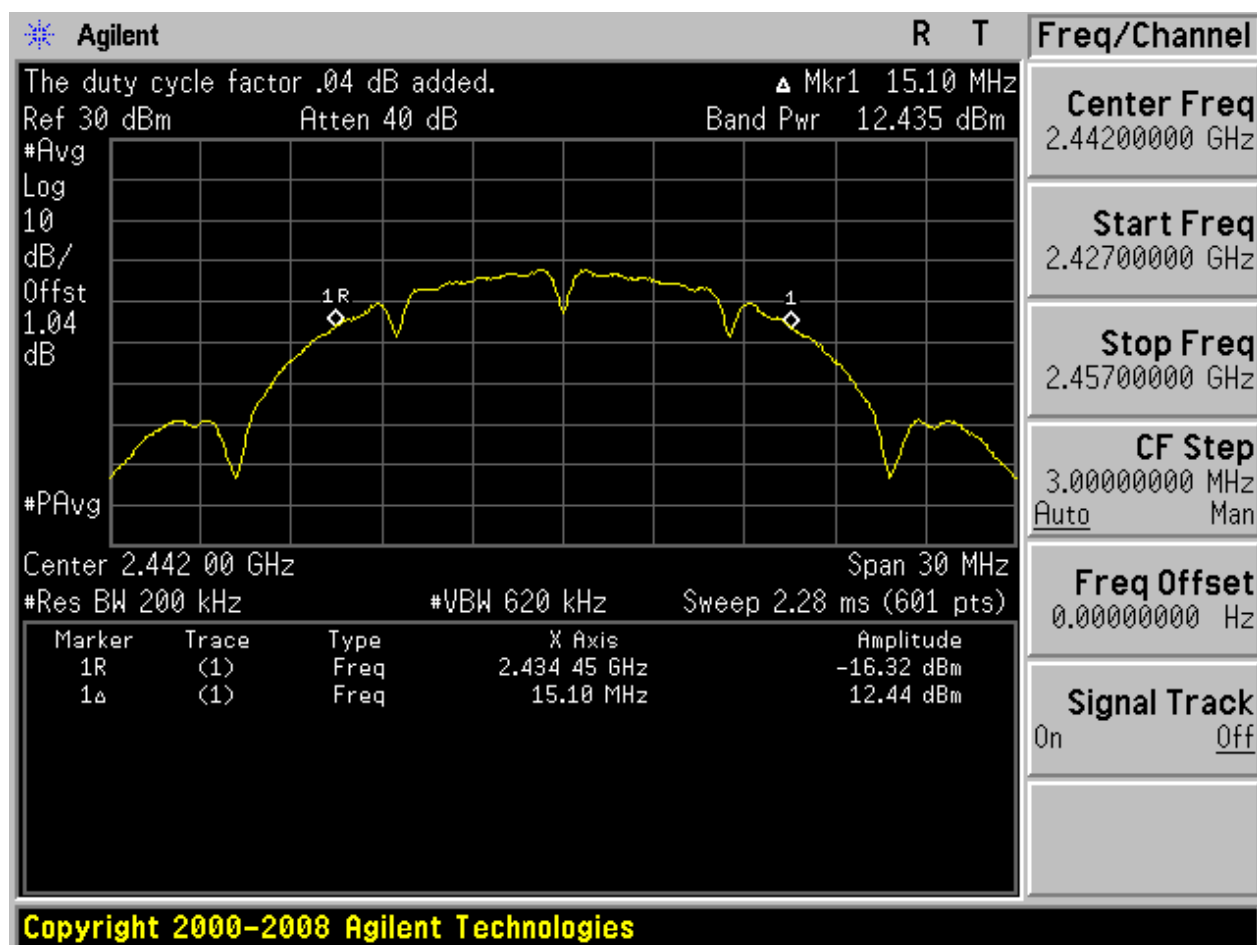


2.4 11B_M@Ant 2



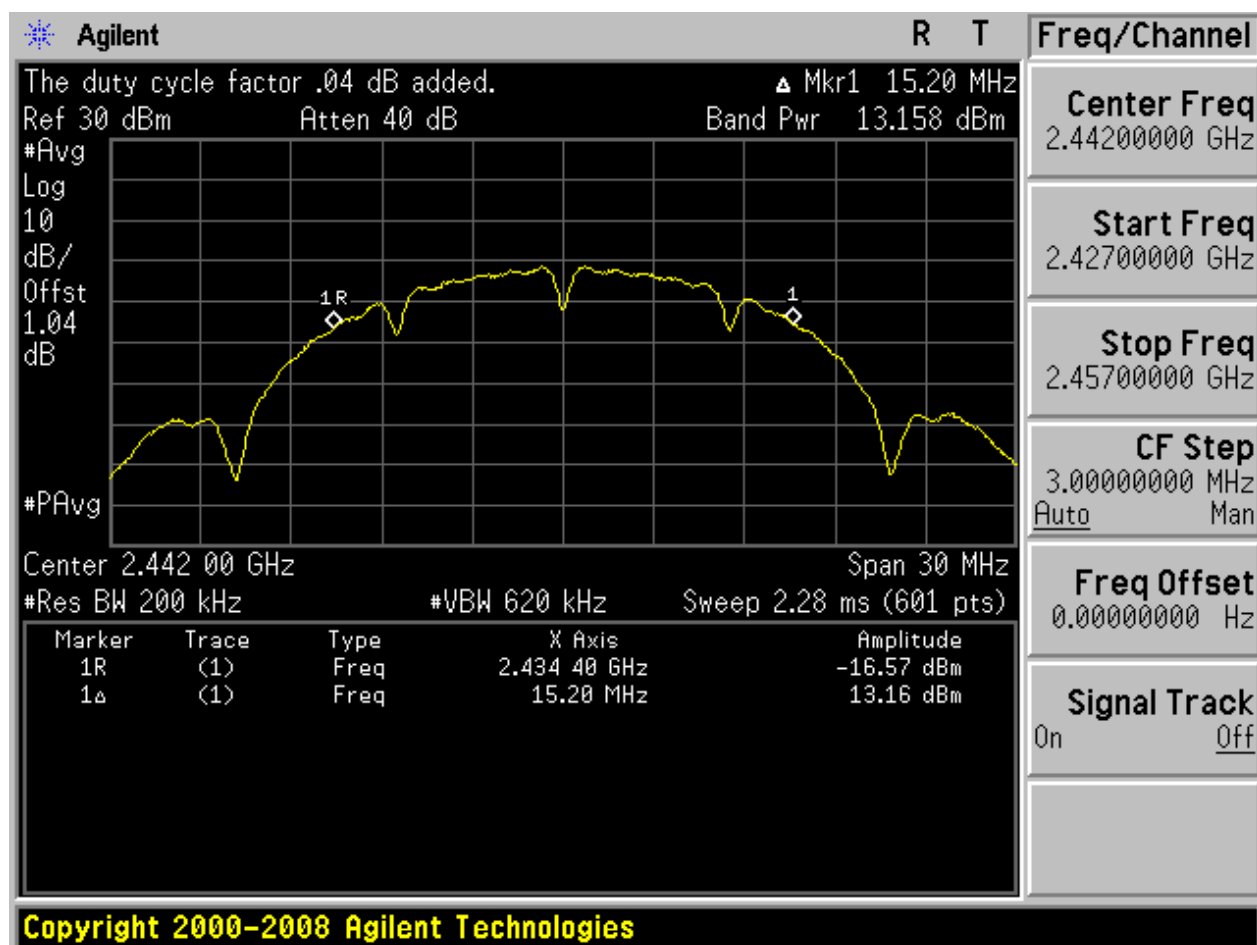


2.5 11B_H@Ant 1



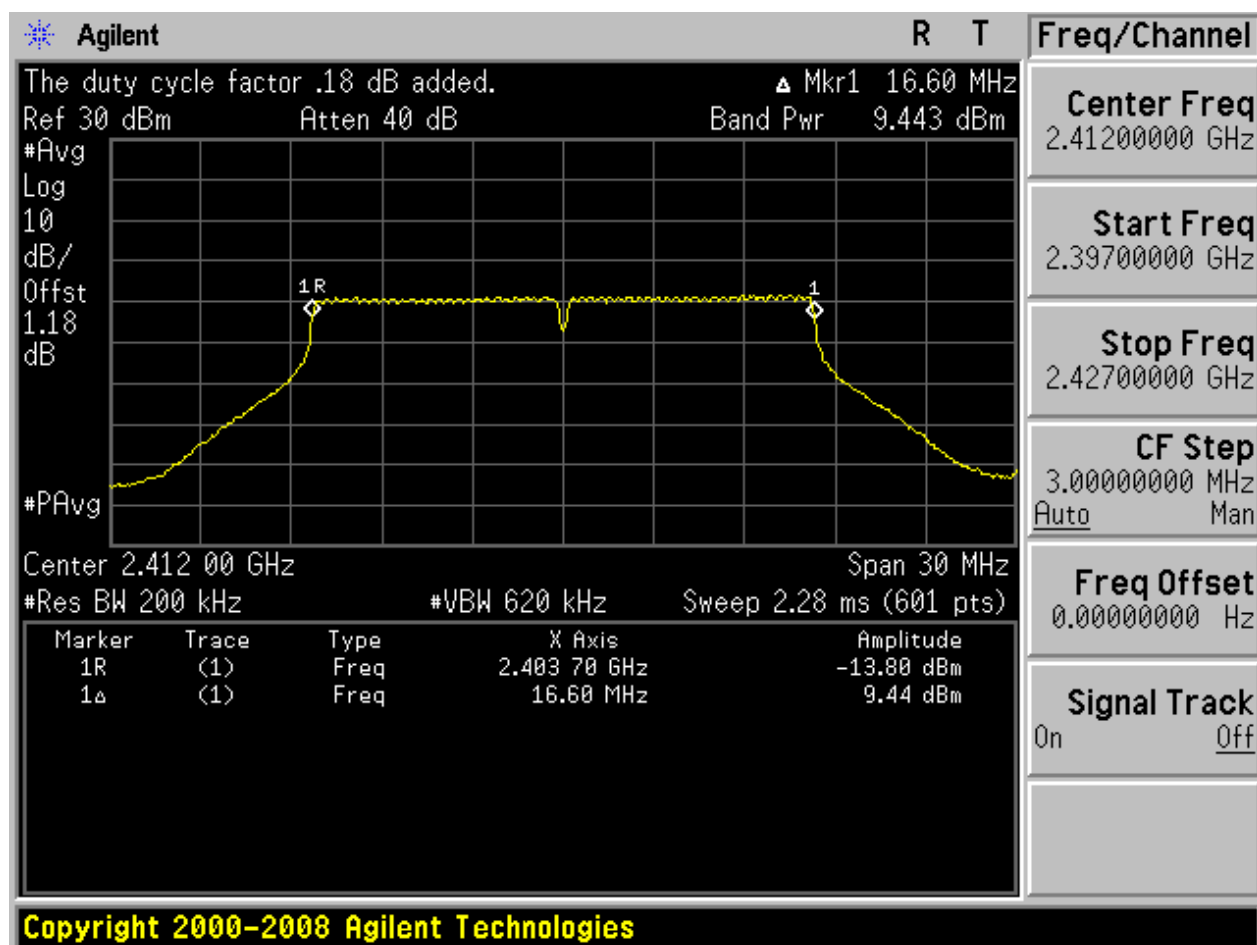


2.6 11B_H@Ant 2



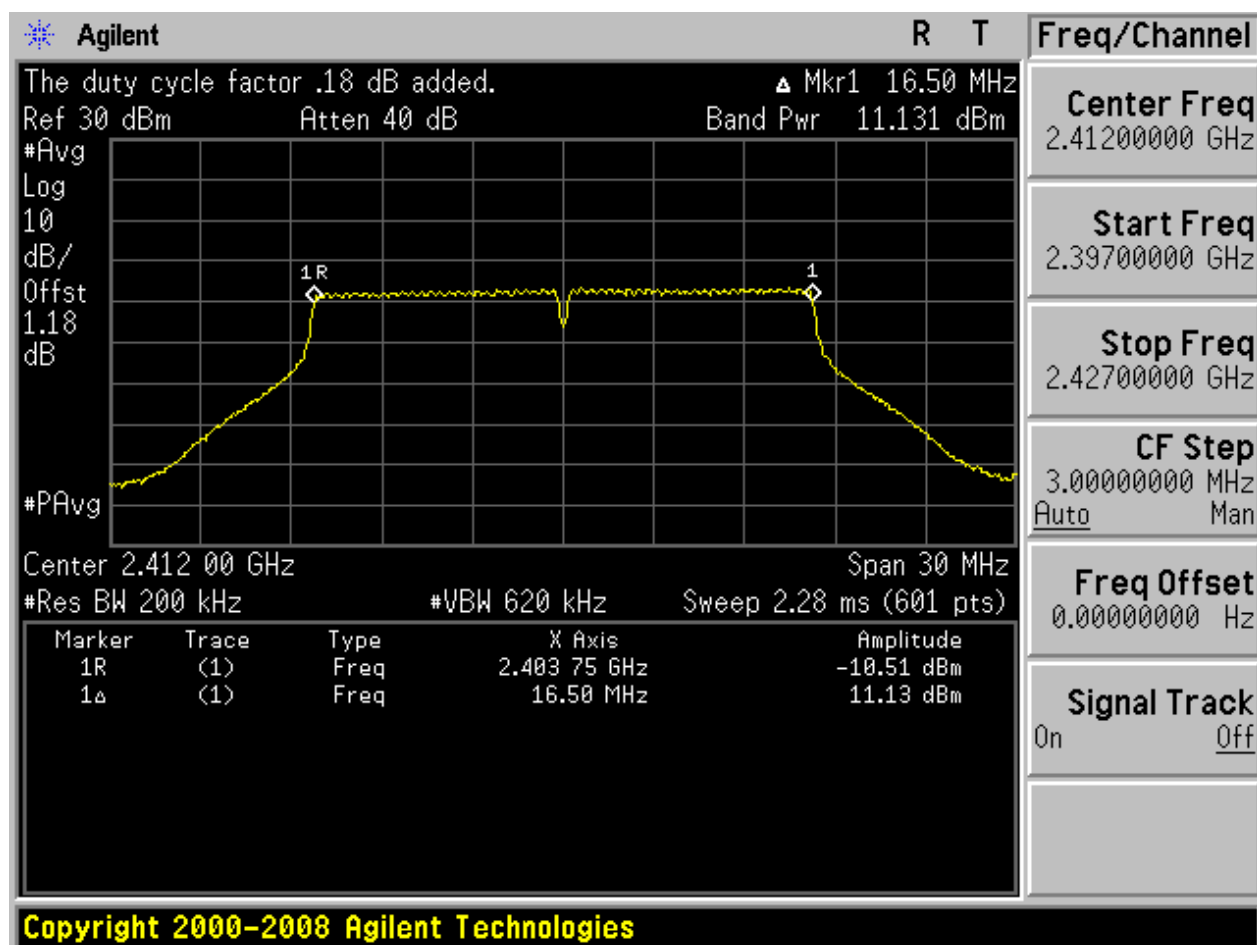


2.7 11G_L@Ant 1



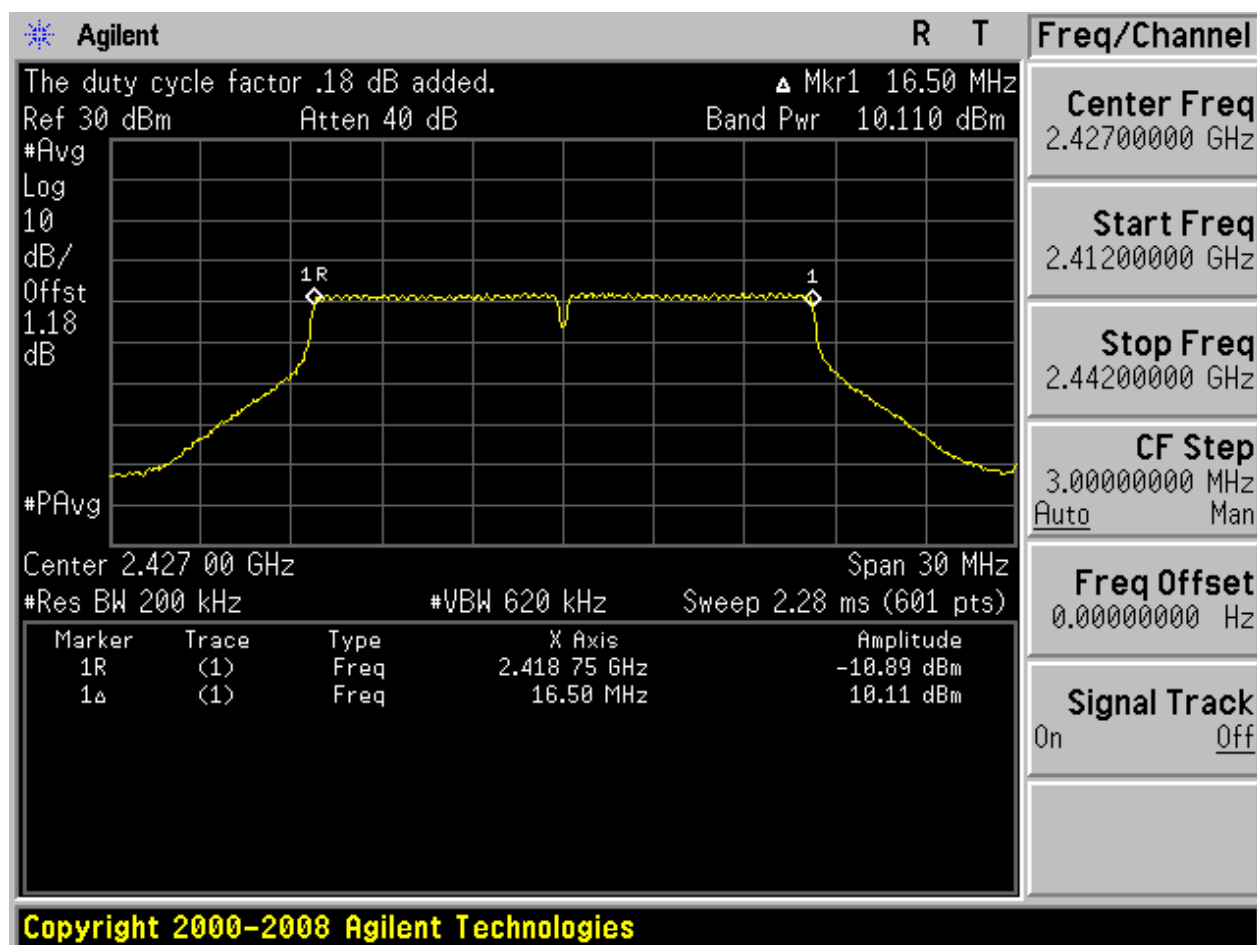


2.8 11G_L@Ant 2



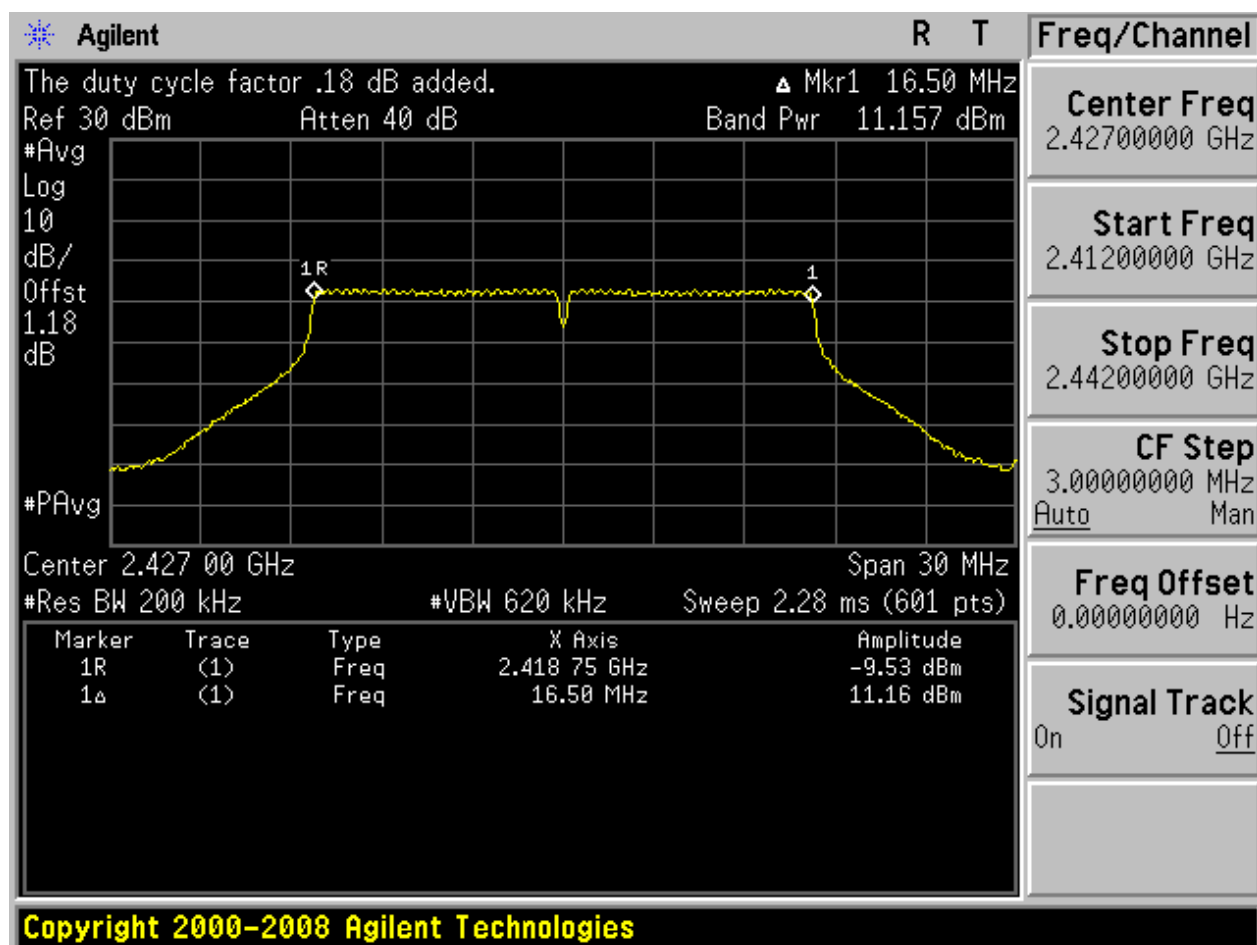


2.9 11G_M@Ant 1



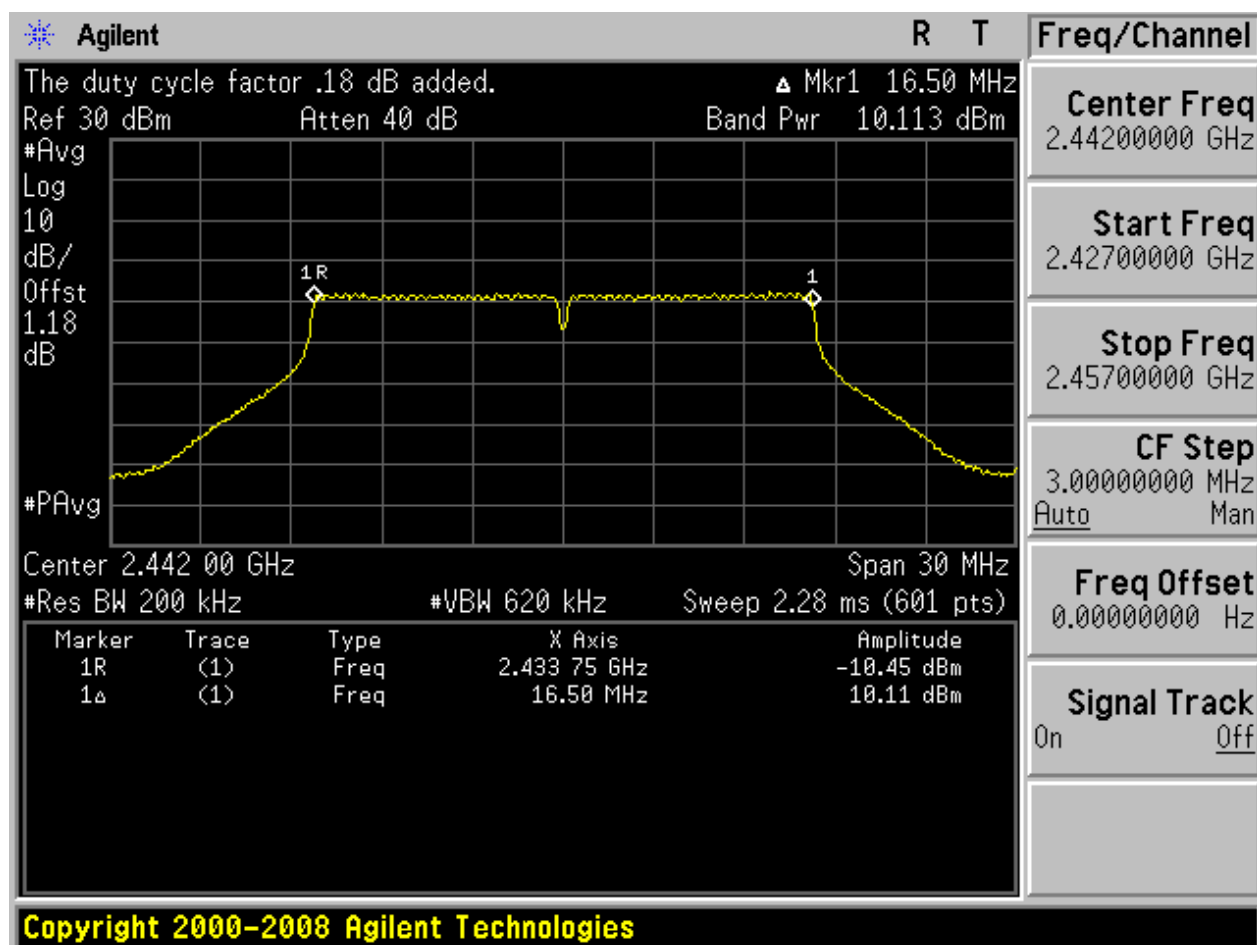


2.10 11G_M@Ant 2



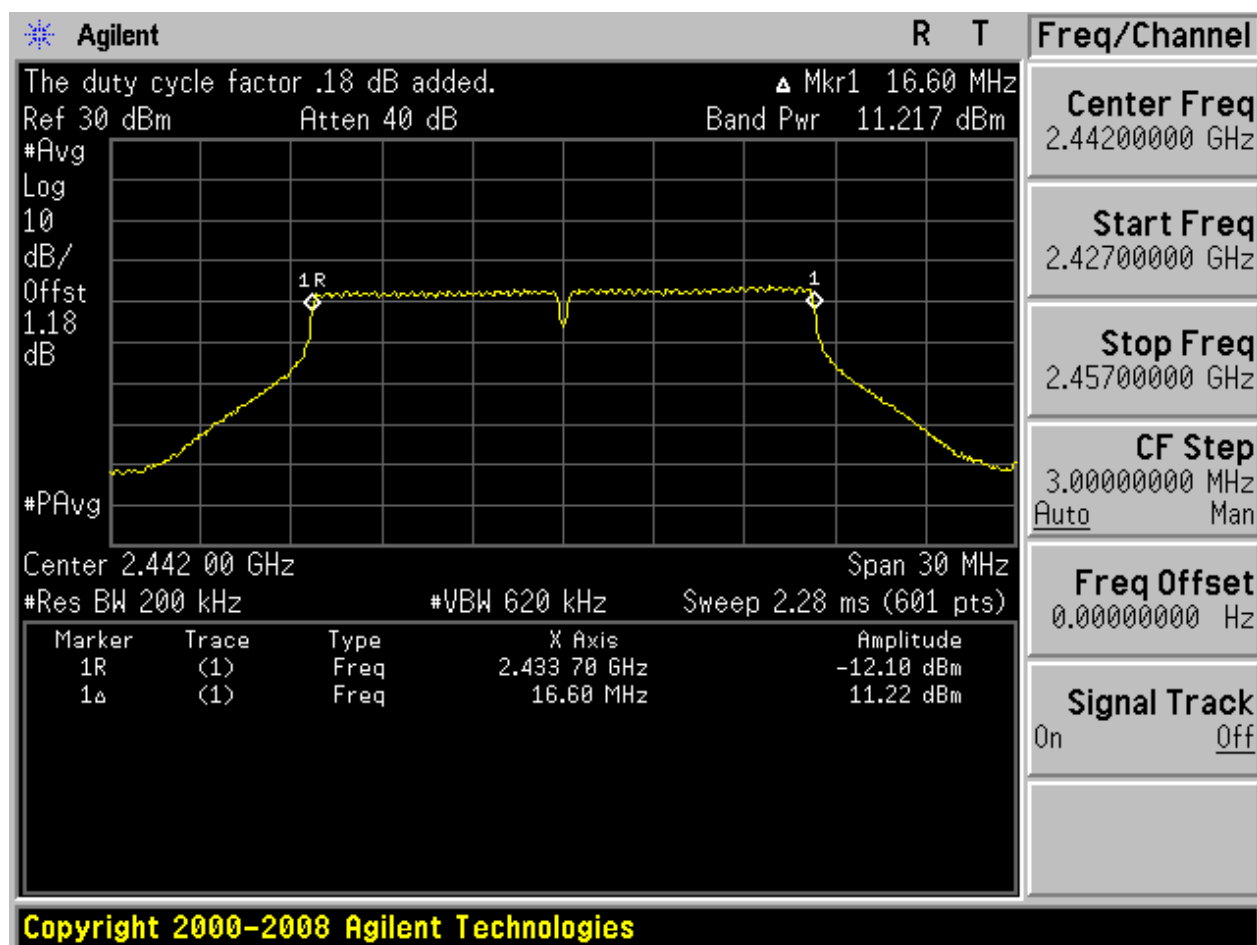


2.11 11G_H@Ant 1



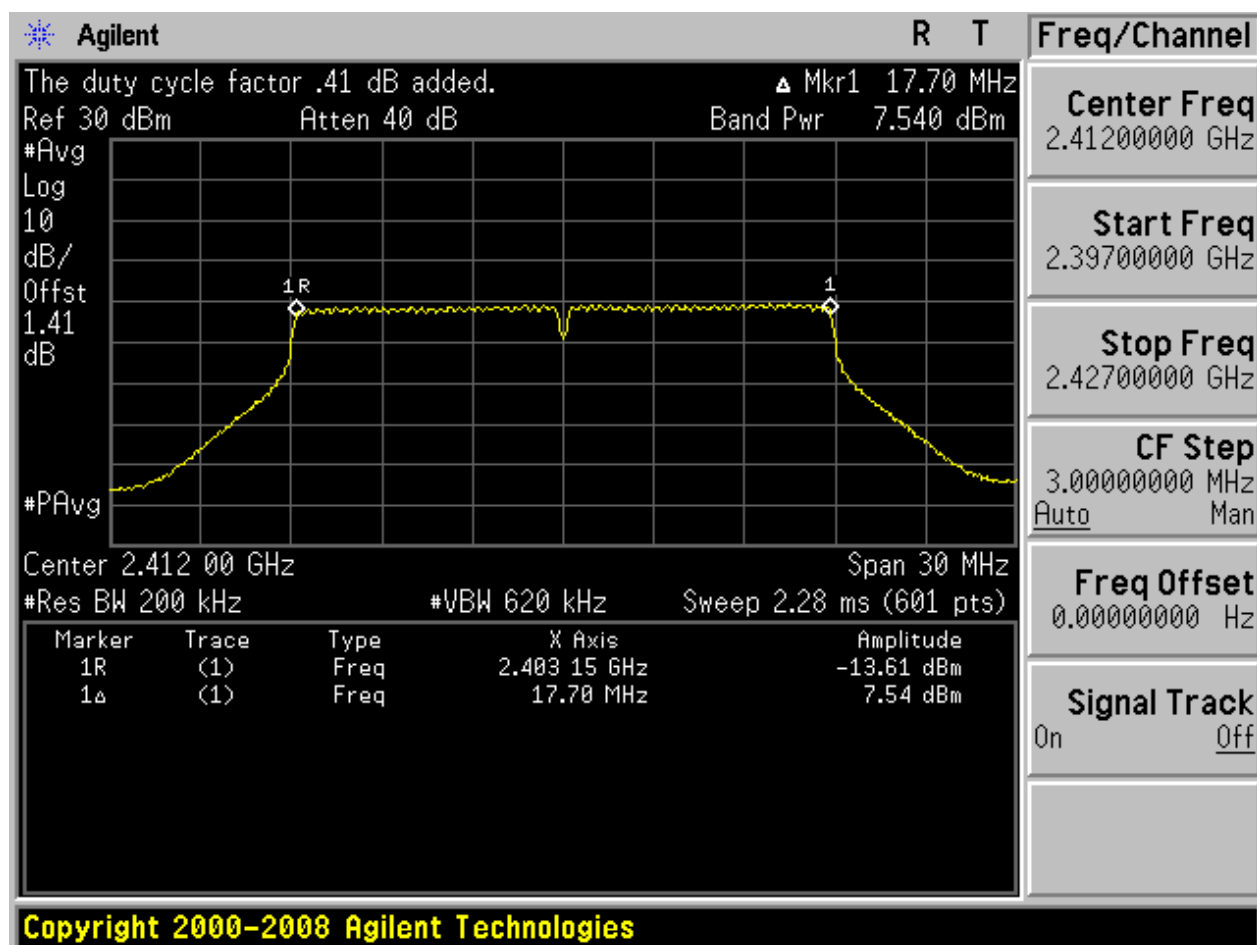


2.12 11G_H@Ant 2



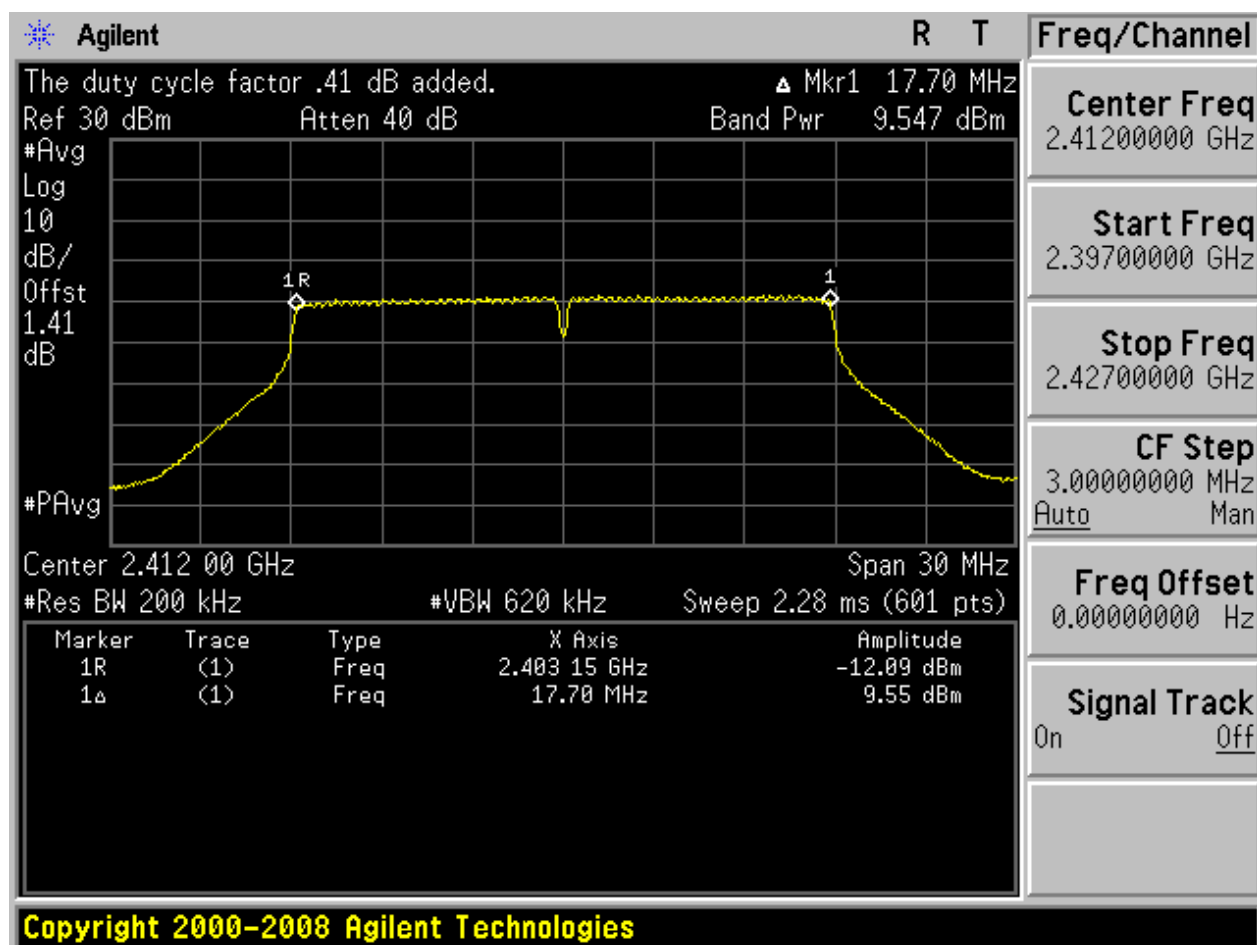


2.13 11N20_L@Ant 1



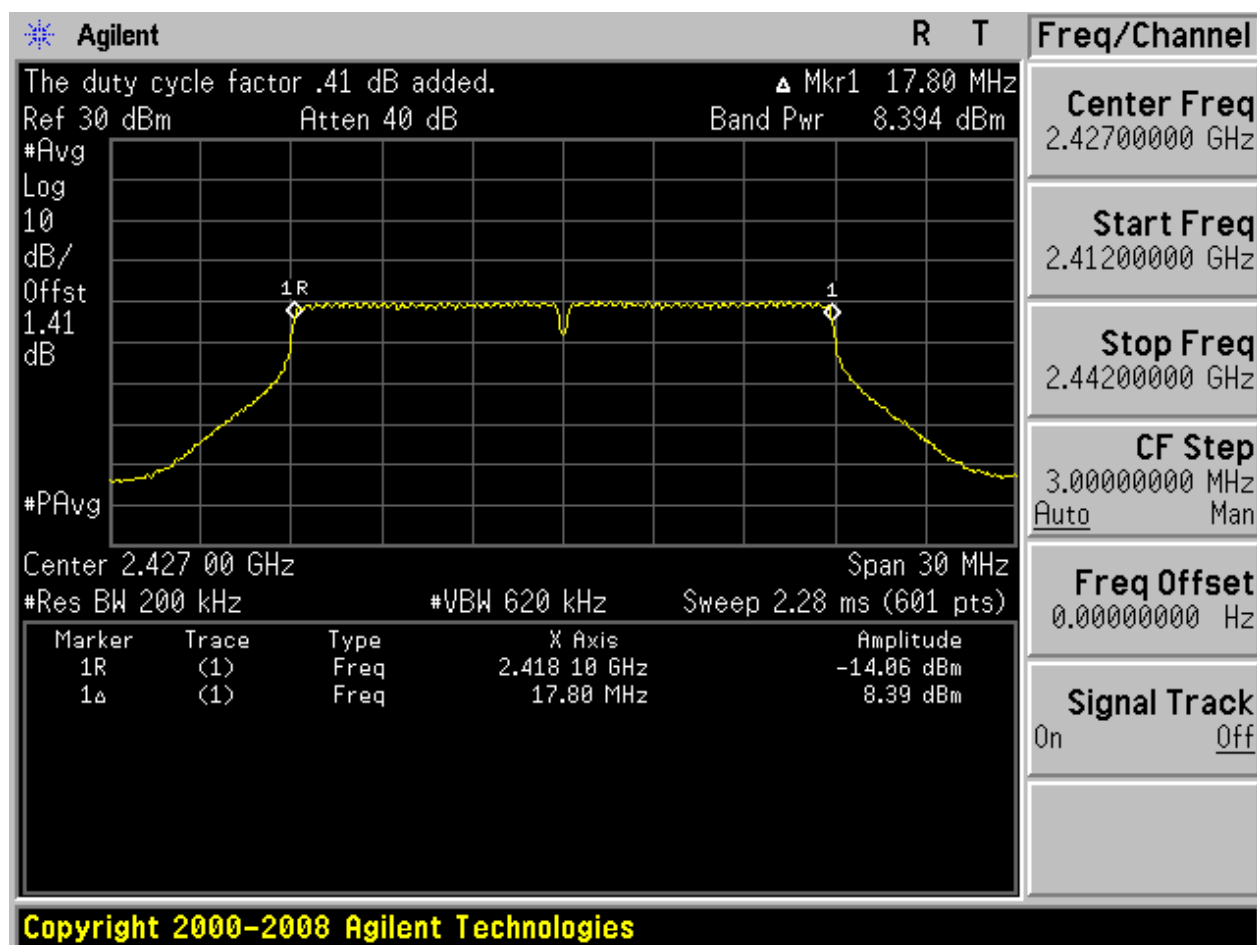


2.14 11N20_L@Ant 2



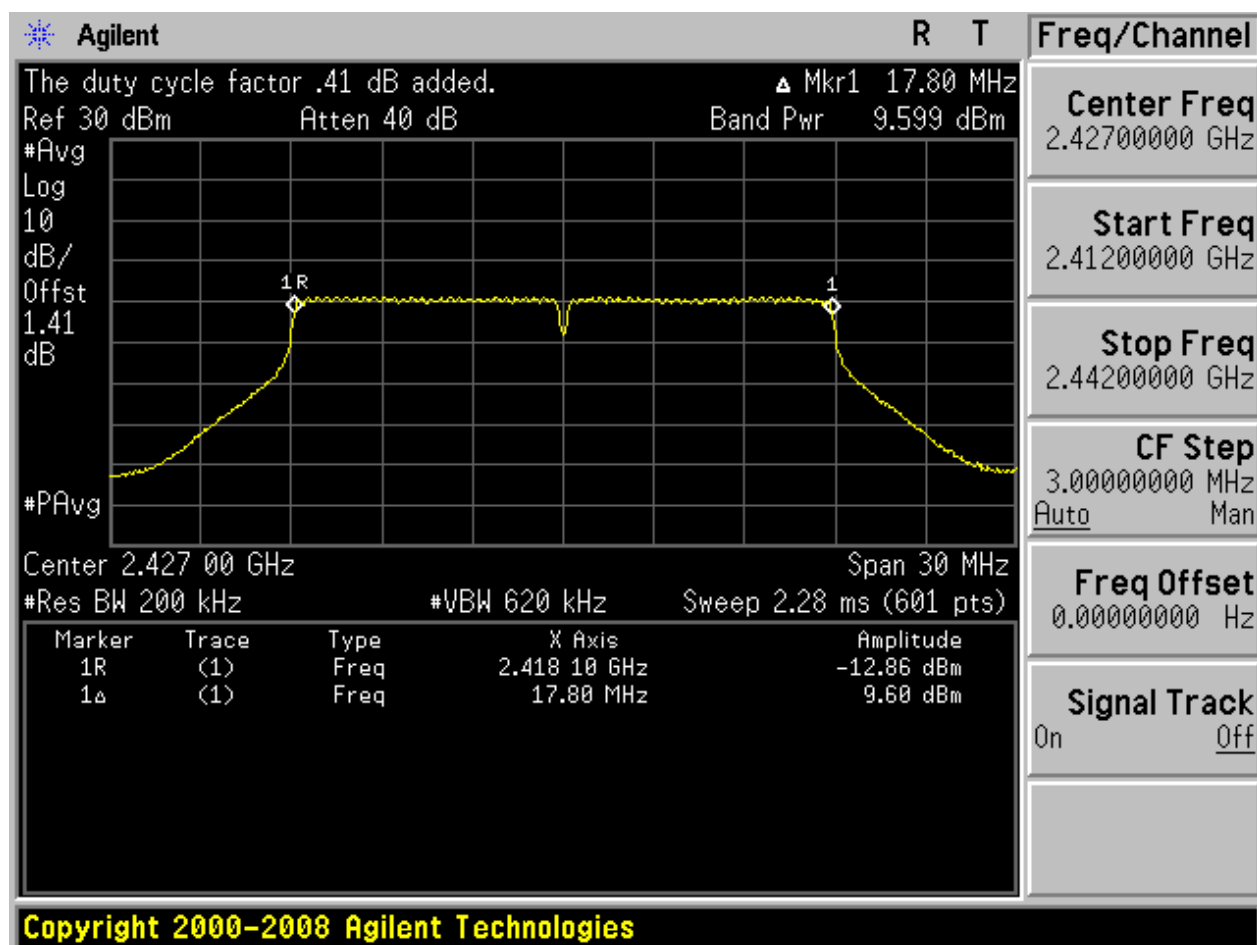


2.15 11N20_M@Ant 1



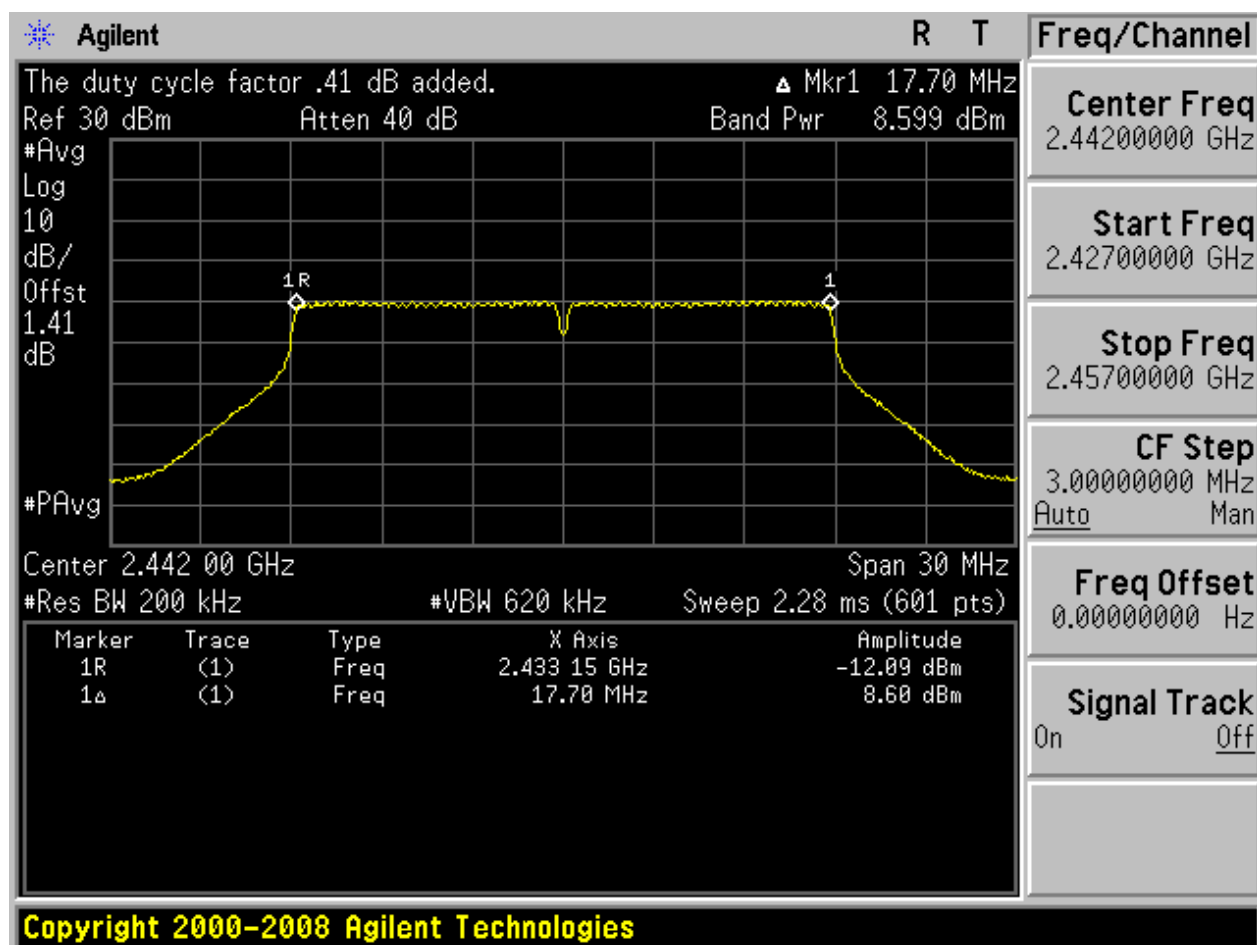


2.16 11N20_M@Ant 2



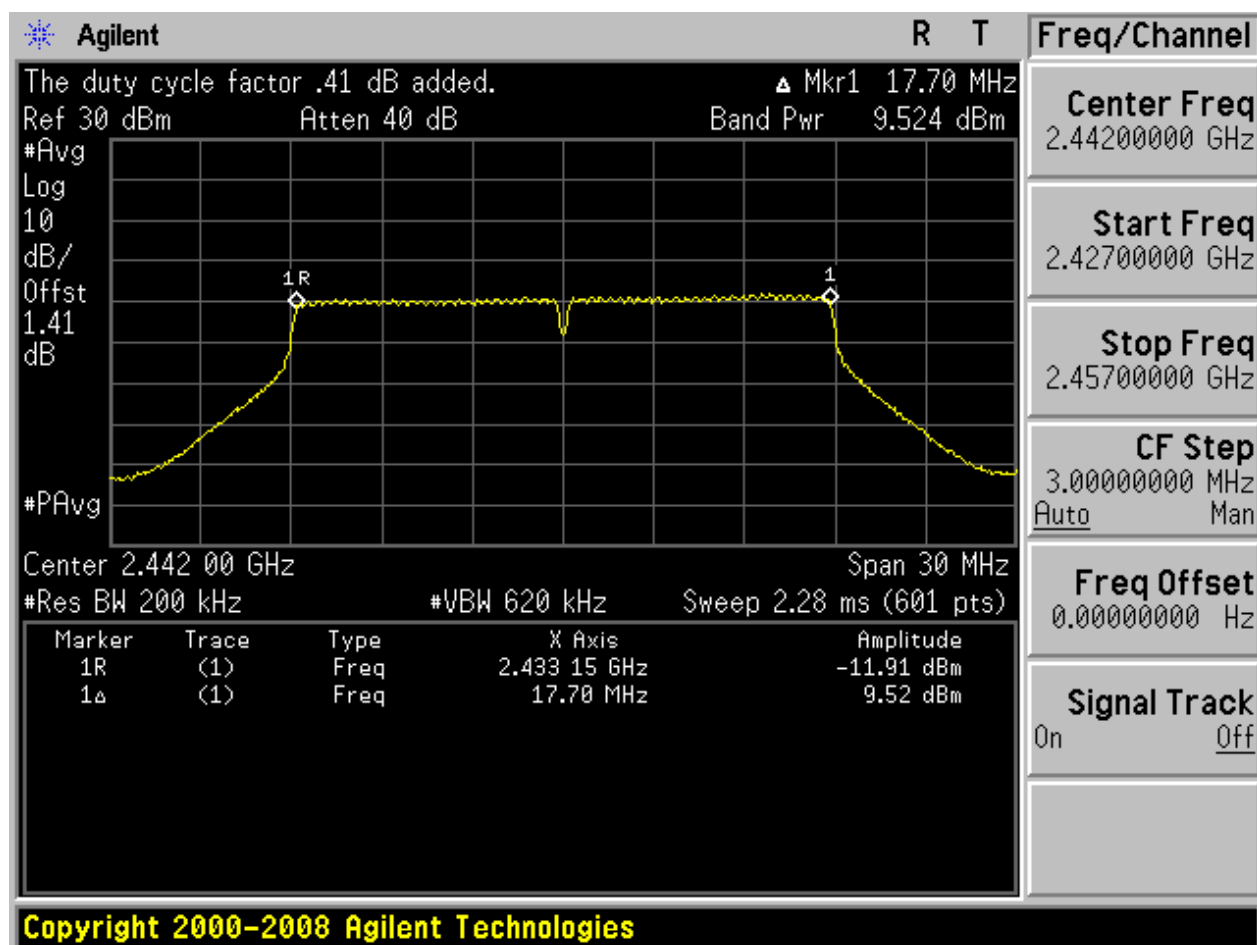


2.17 11N20_H@Ant 1



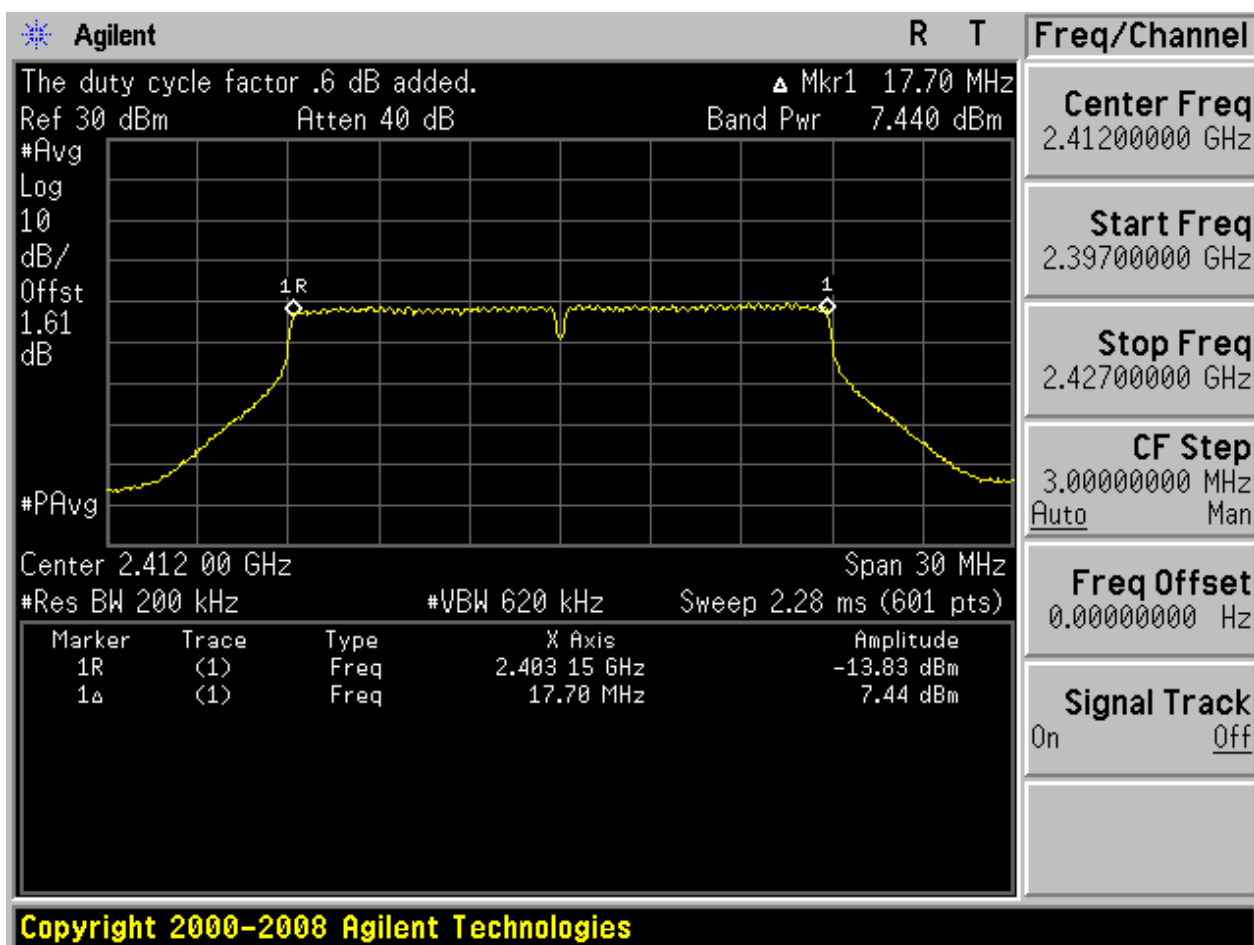


2.18 11N20_H@Ant 2



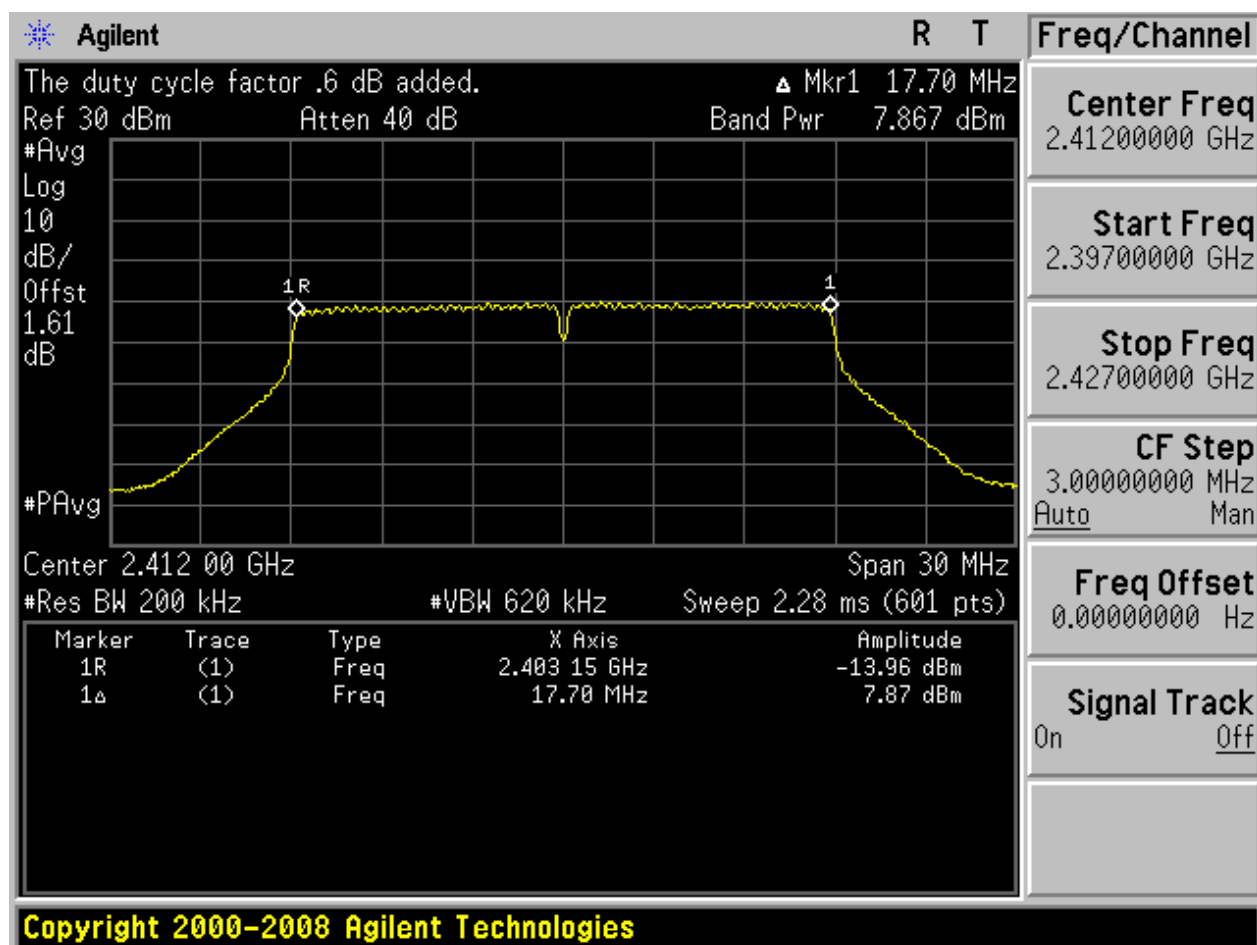


2.19 11N20m_L@Ant 1



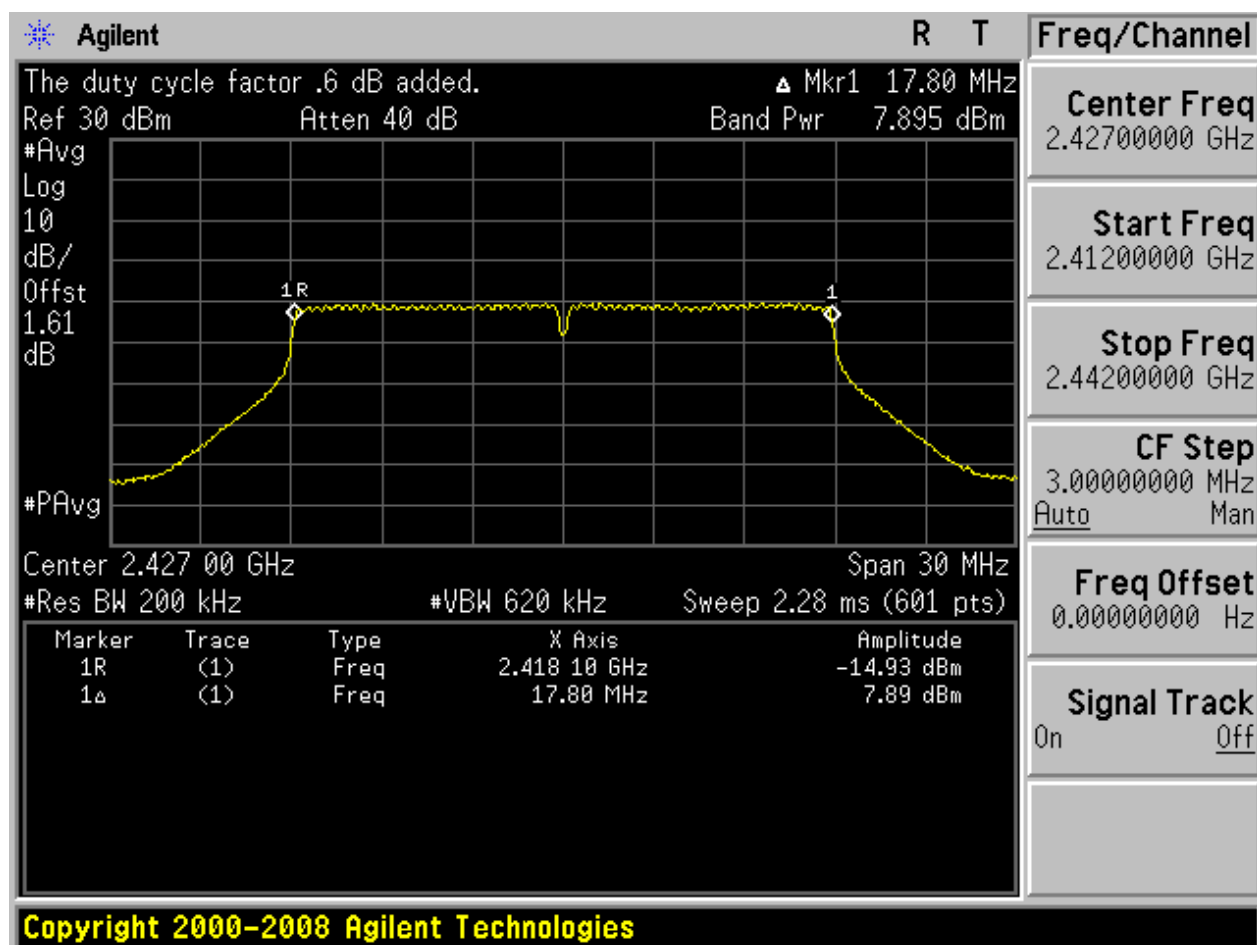


2.20 11N20m_L@Ant 2



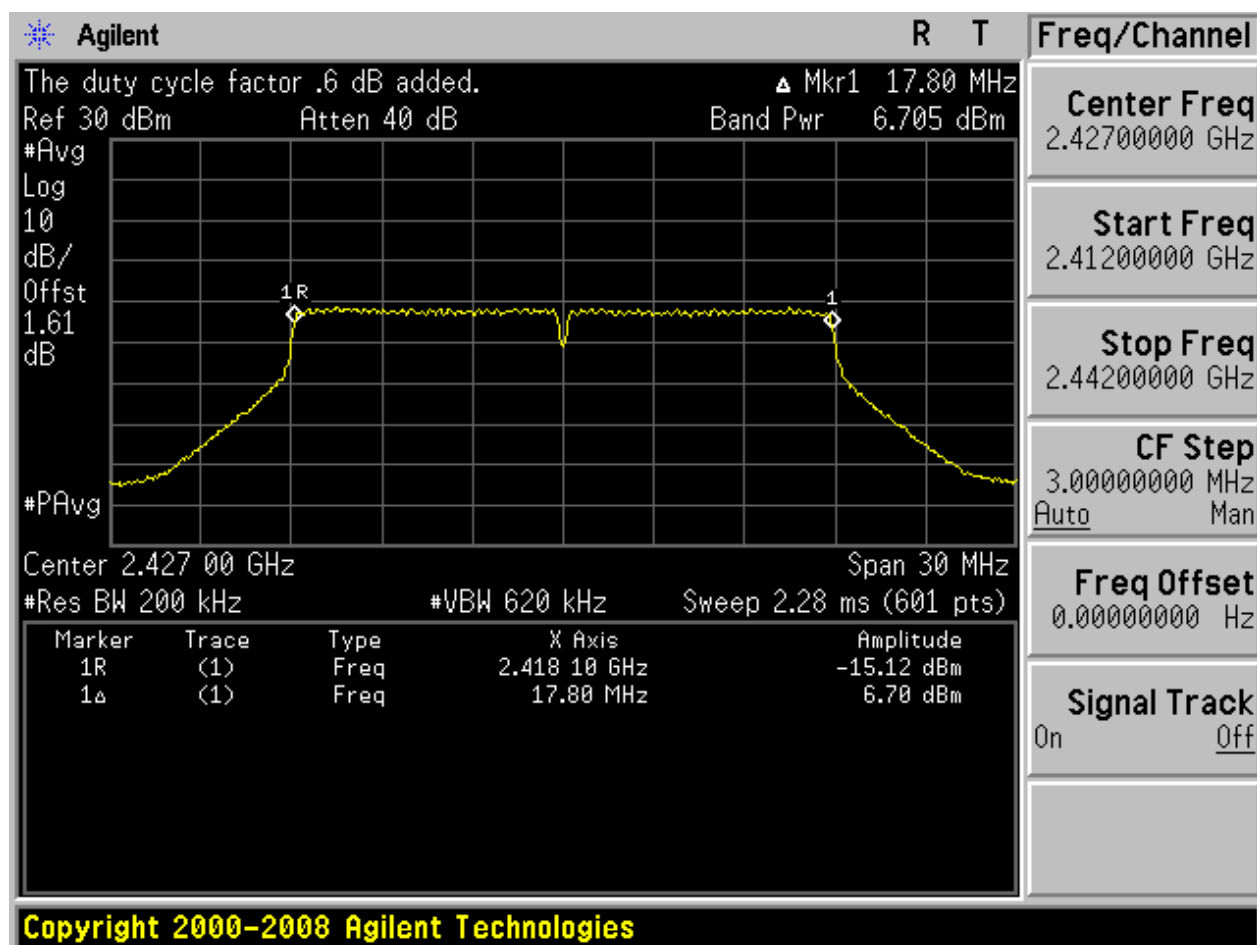


2.21 11N20m_M@Ant 1



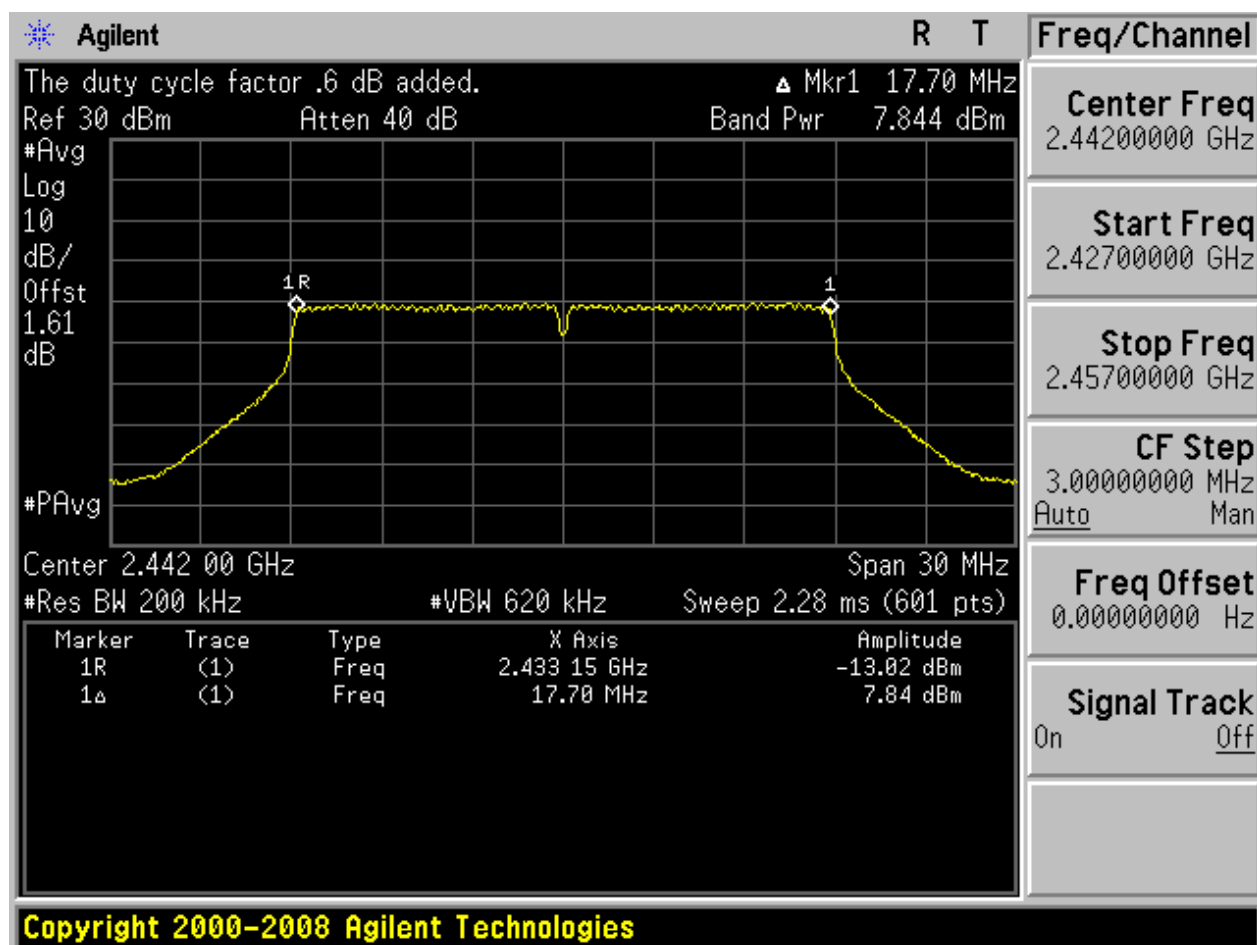


2.22 11N20m_M@Ant 2



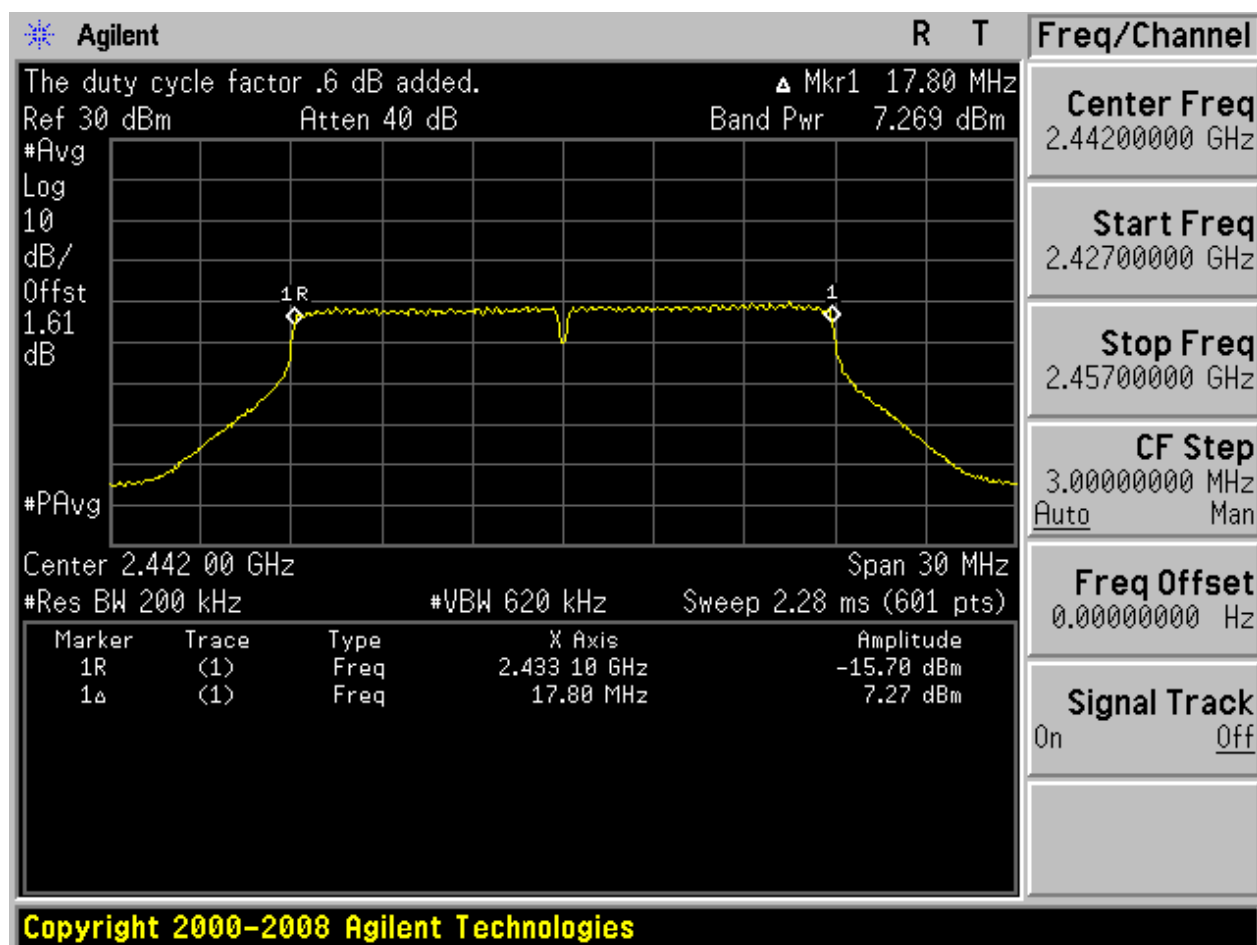


2.23 11N20m_H@Ant 1



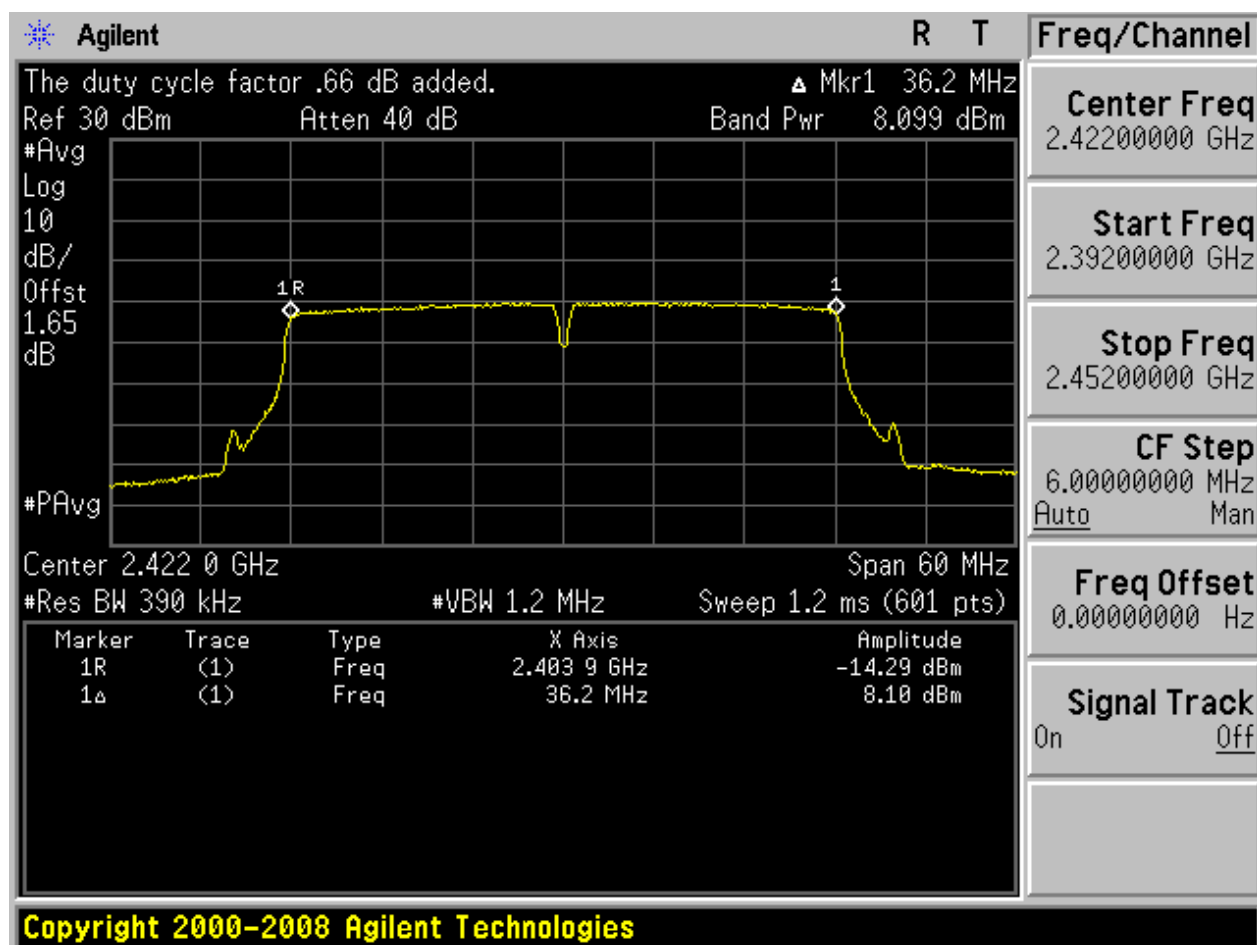


2.24 11N20m_H@Ant 2



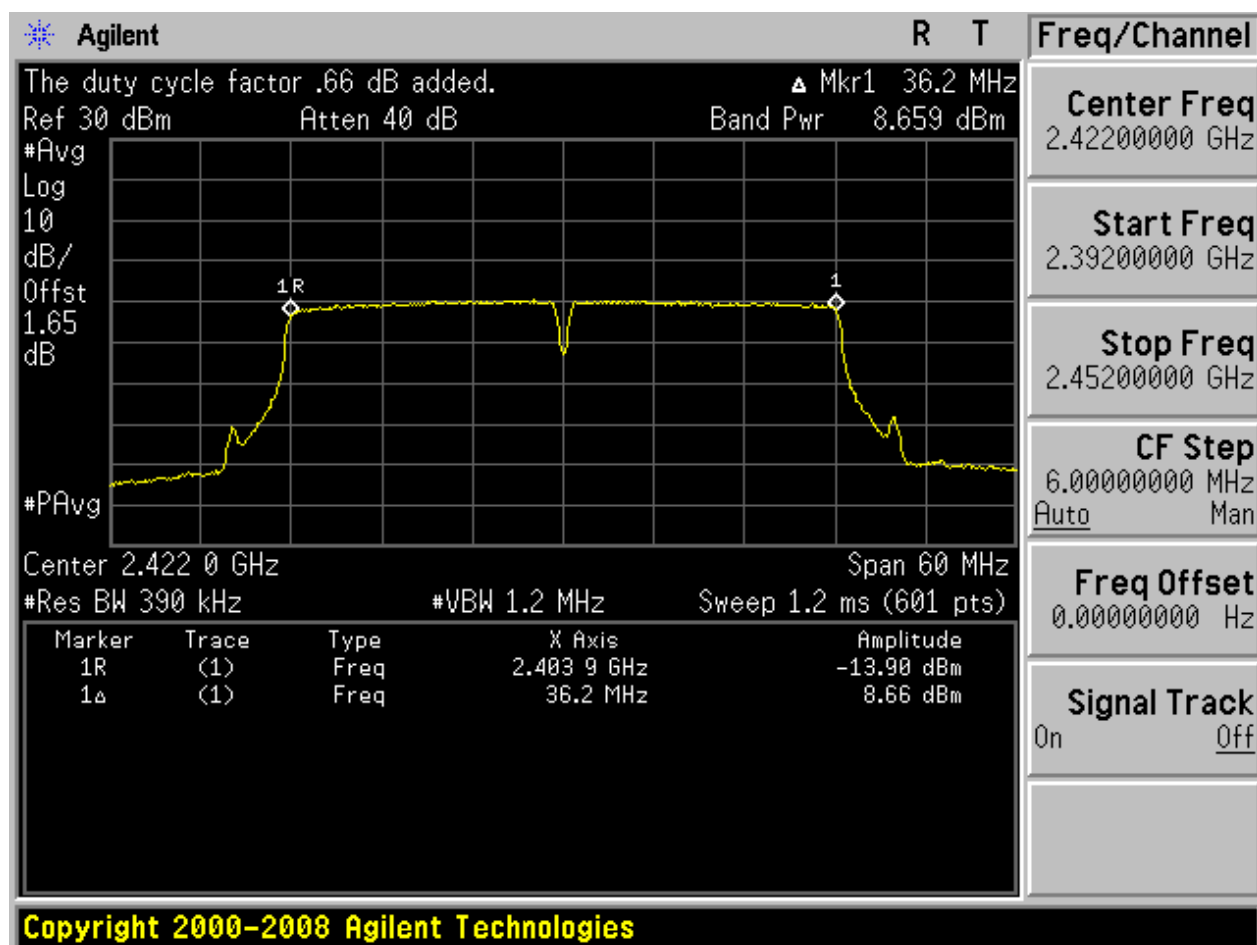


2.25 11N40_L@Ant 1



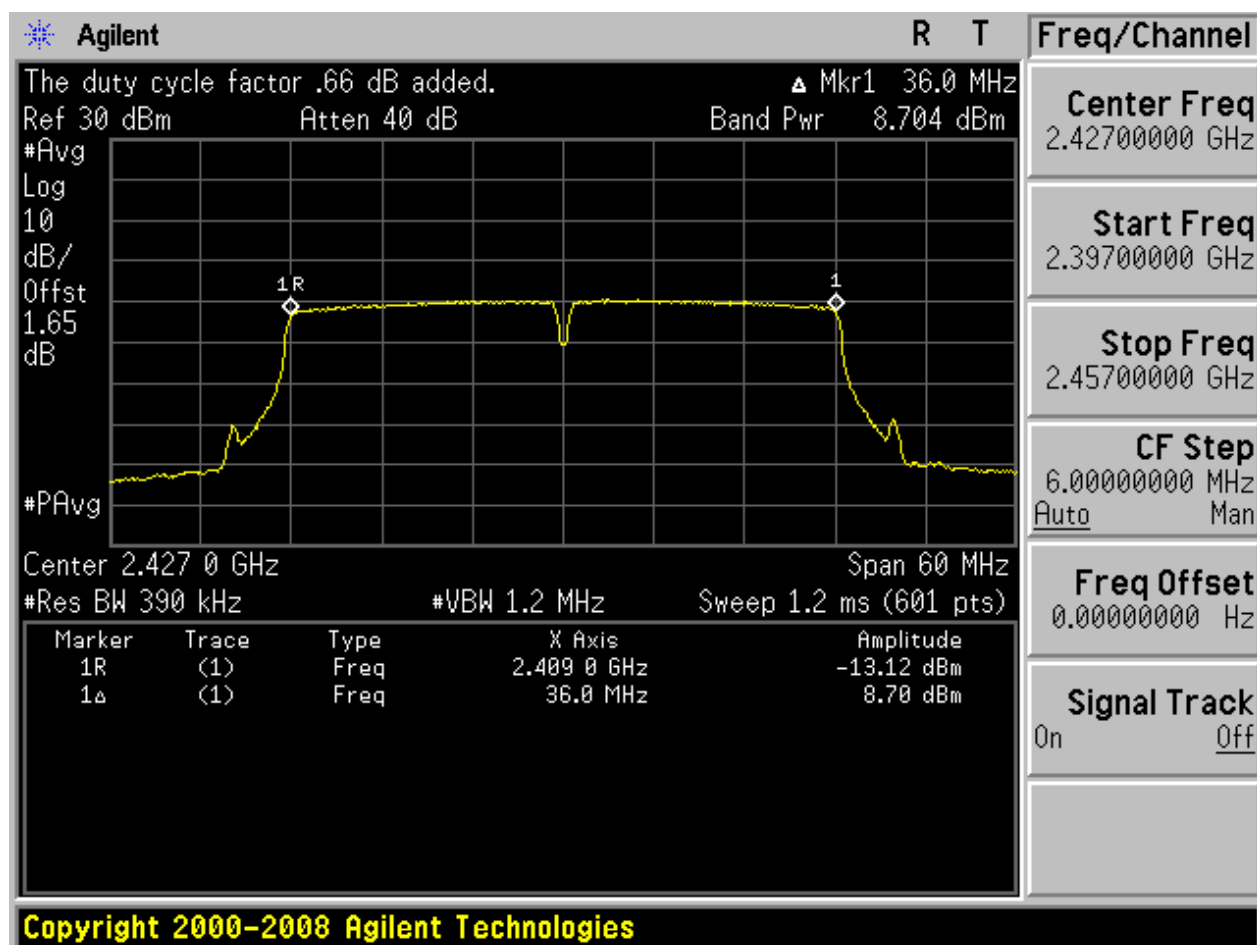


2.26 11N40_L@Ant 2



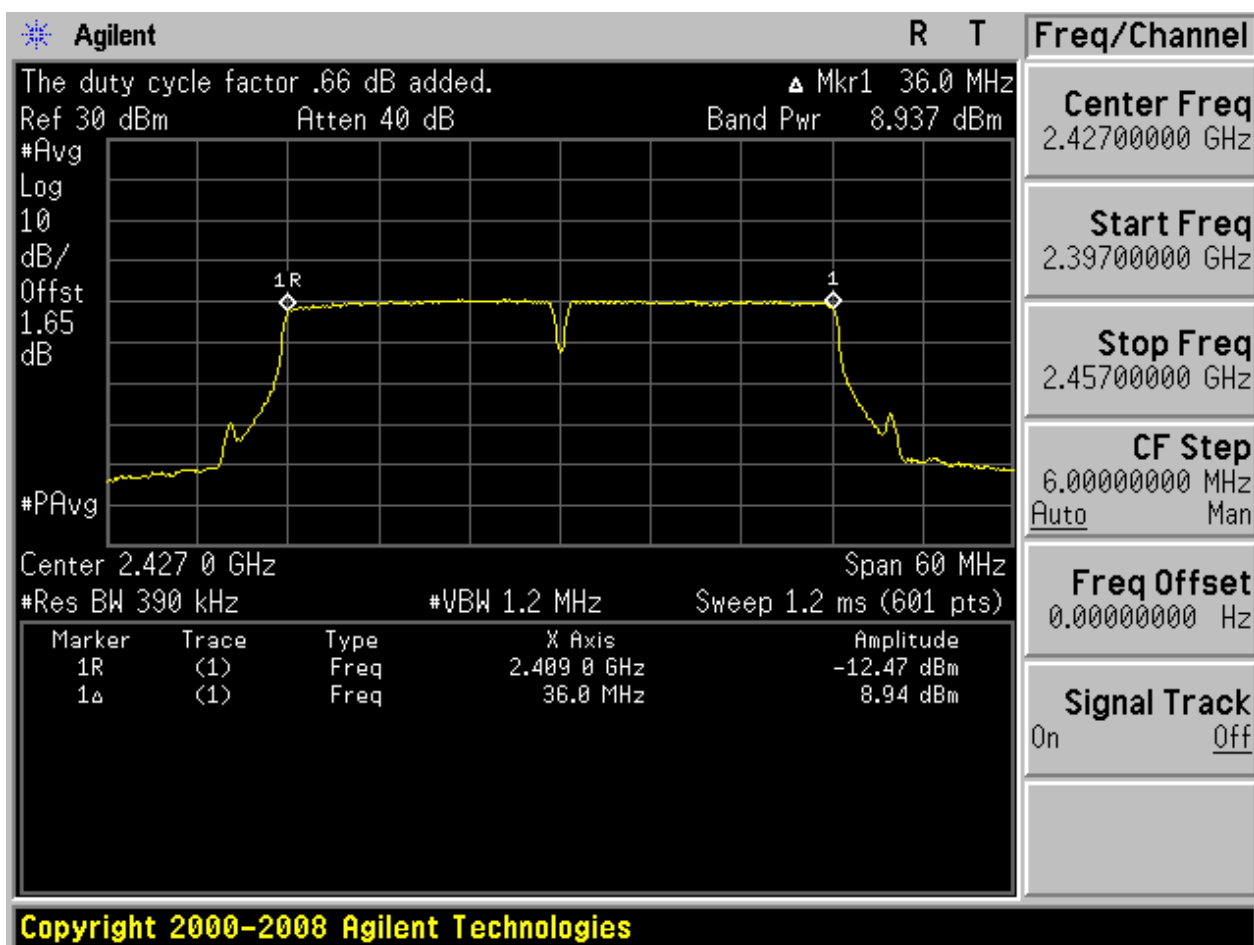


2.27 11N40_M@Ant 1



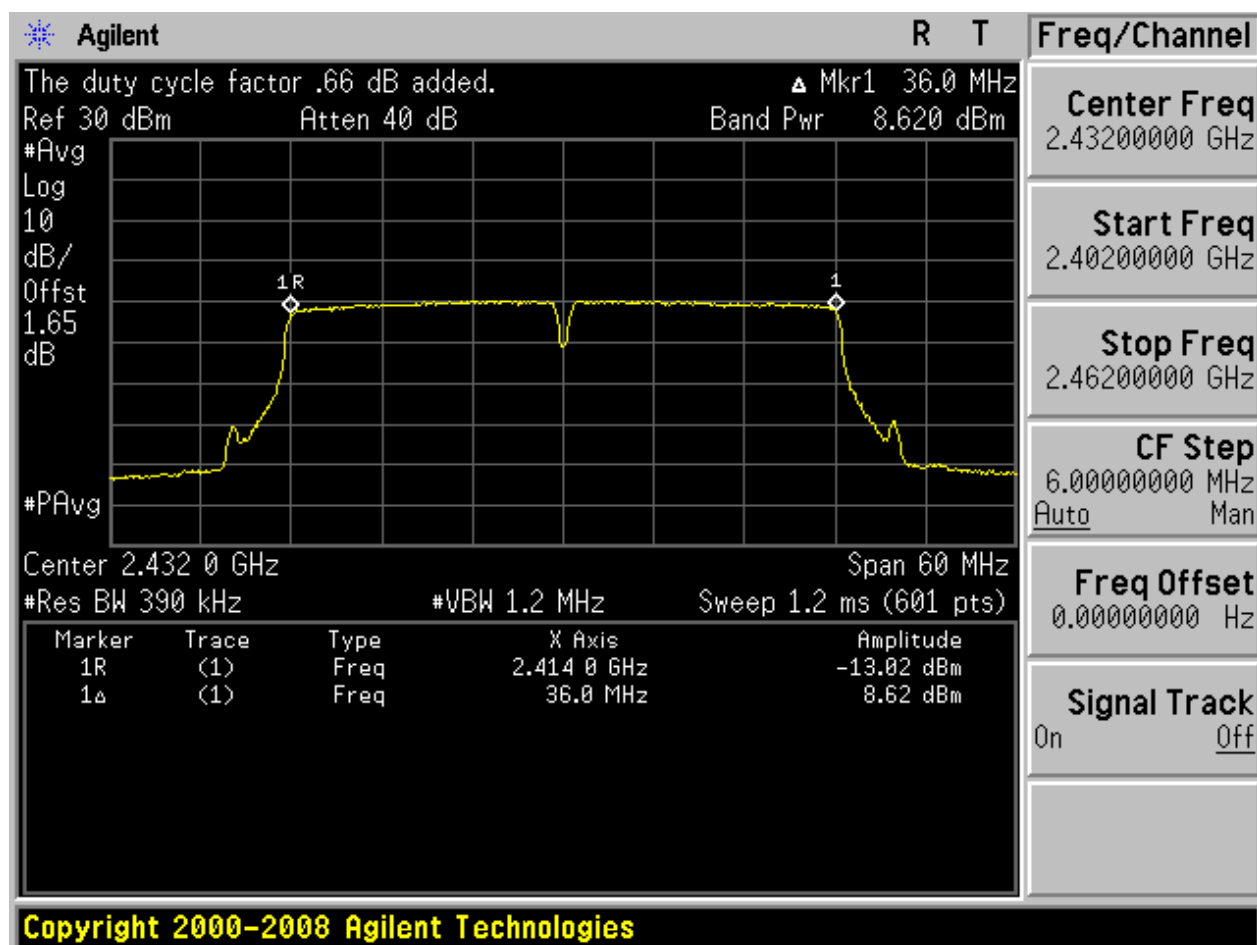


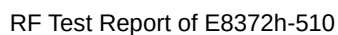
2.28 11N40_M@Ant 2





2.29 11N40_H@Ant 1





The screenshot shows an Agilent spectrum analyzer interface. The main display area shows a yellow trace on a grid. The trace has a peak at 36.2 MHz, marked with a diamond and labeled '1R'. The center frequency is 2.432 GHz, and the span is 60 MHz. The resolution bandwidth (RBW) is 390 kHz, and the video bandwidth (VBW) is 1.2 MHz. The sweep time is 1.2 ms (601 pts). The signal is identified as 'Mkr1'.

Parameters displayed on the right side of the screen:

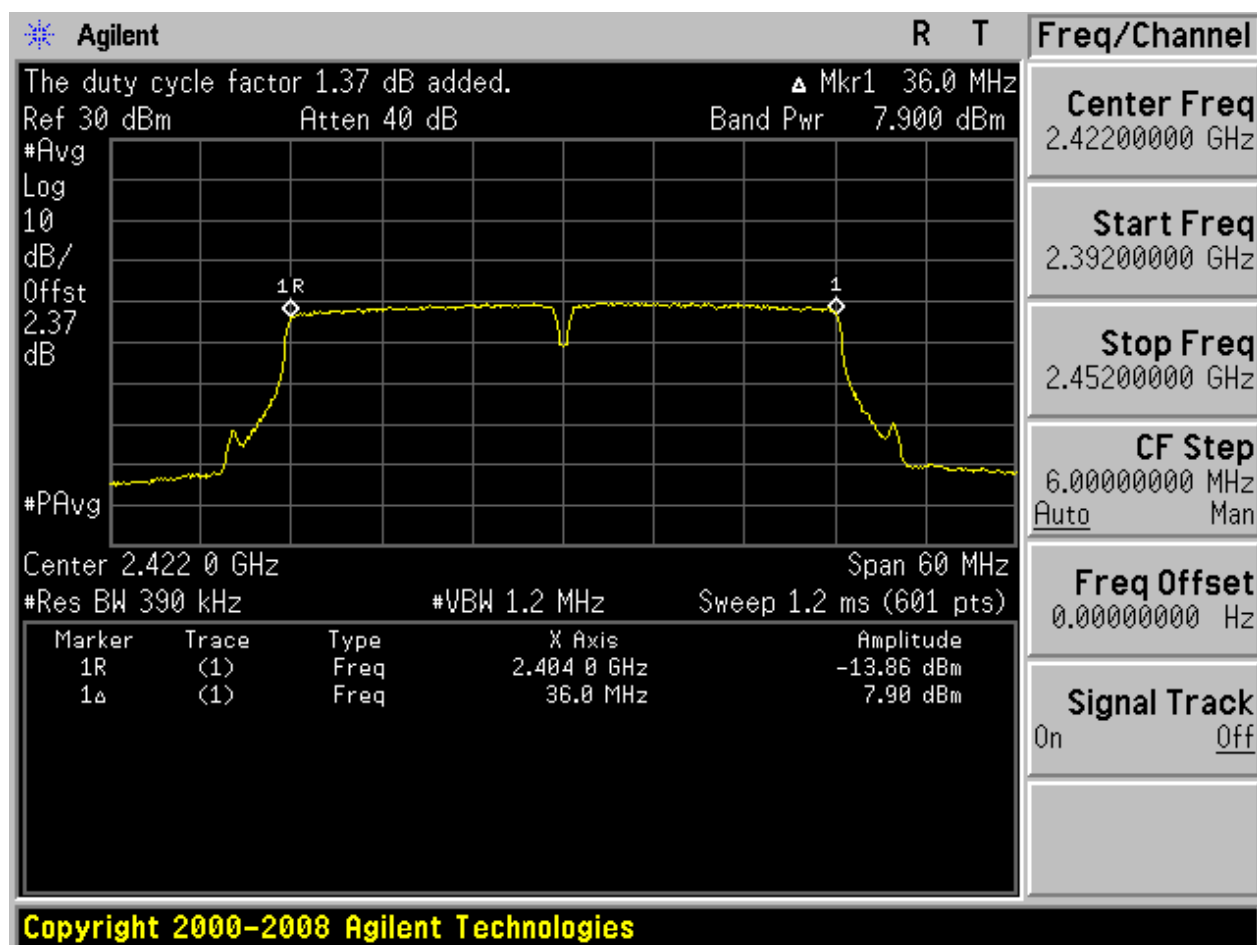
- Freq/Channel: Center Freq 2.43200000 GHz, Start Freq 2.40200000 GHz, Stop Freq 2.46200000 GHz, CF Step 6.00000000 MHz, Auto Man
- Freq Offset: 0.00000000 Hz
- Signal Track: On Off

Parameters displayed at the bottom of the screen:

Marker	Trace	Type	X Axis	Amplitude
1R	(1)	Freq	2.413 9 GHz	-12.68 dBm
1Δ	(1)	Freq	36.2 MHz	8.97 dBm

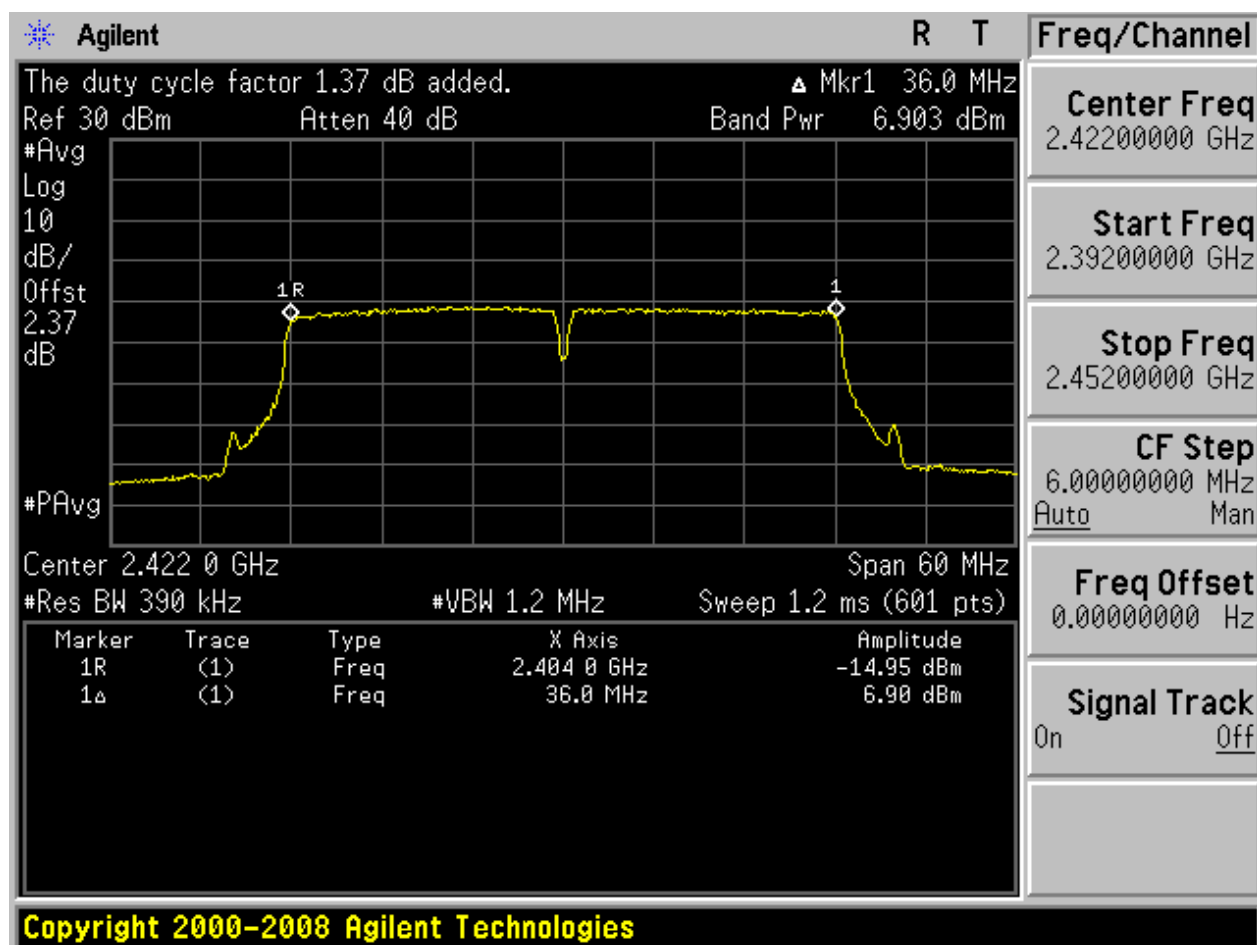


2.31 11N40m_L@Ant 1



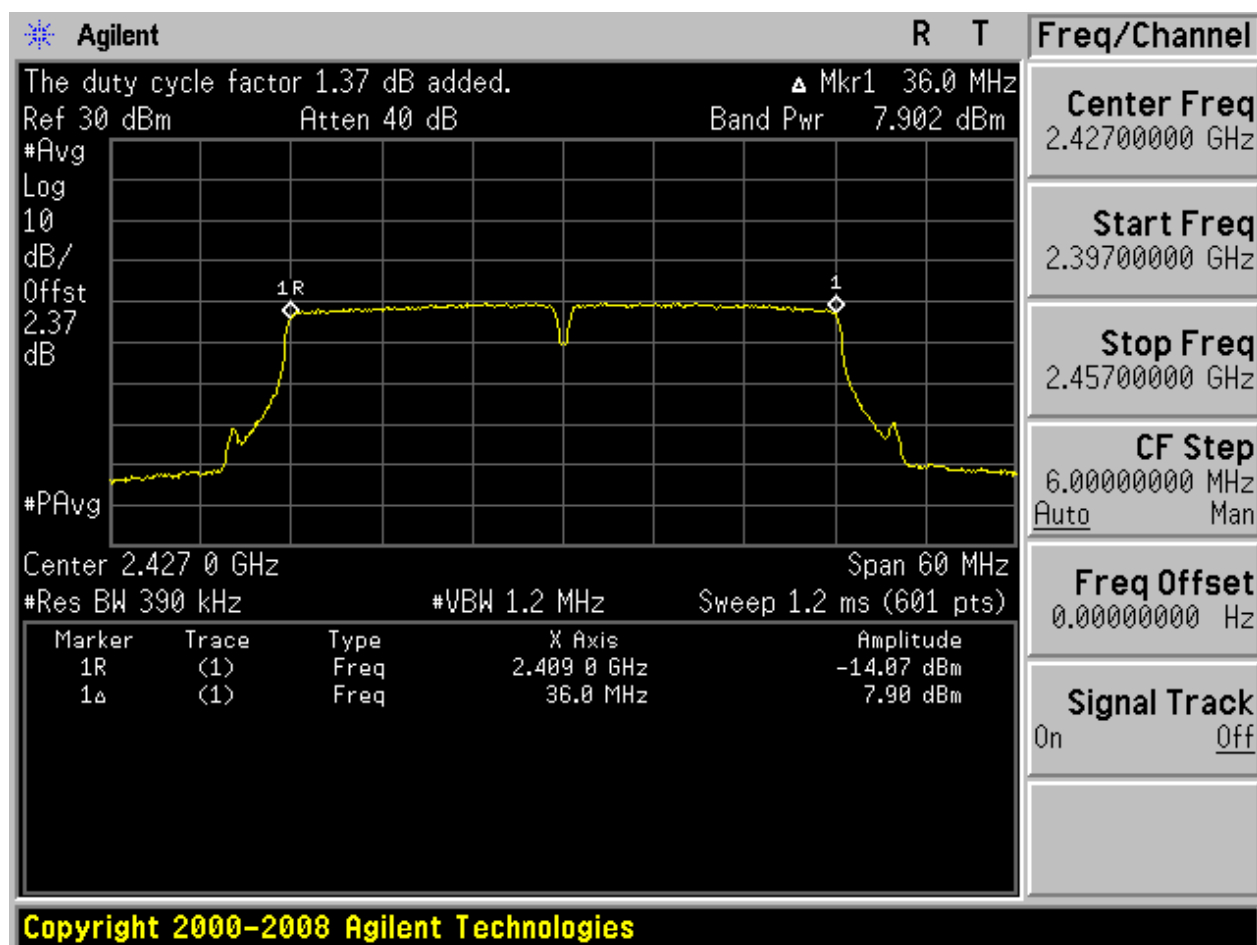


2.32 11N40m_L@Ant 2



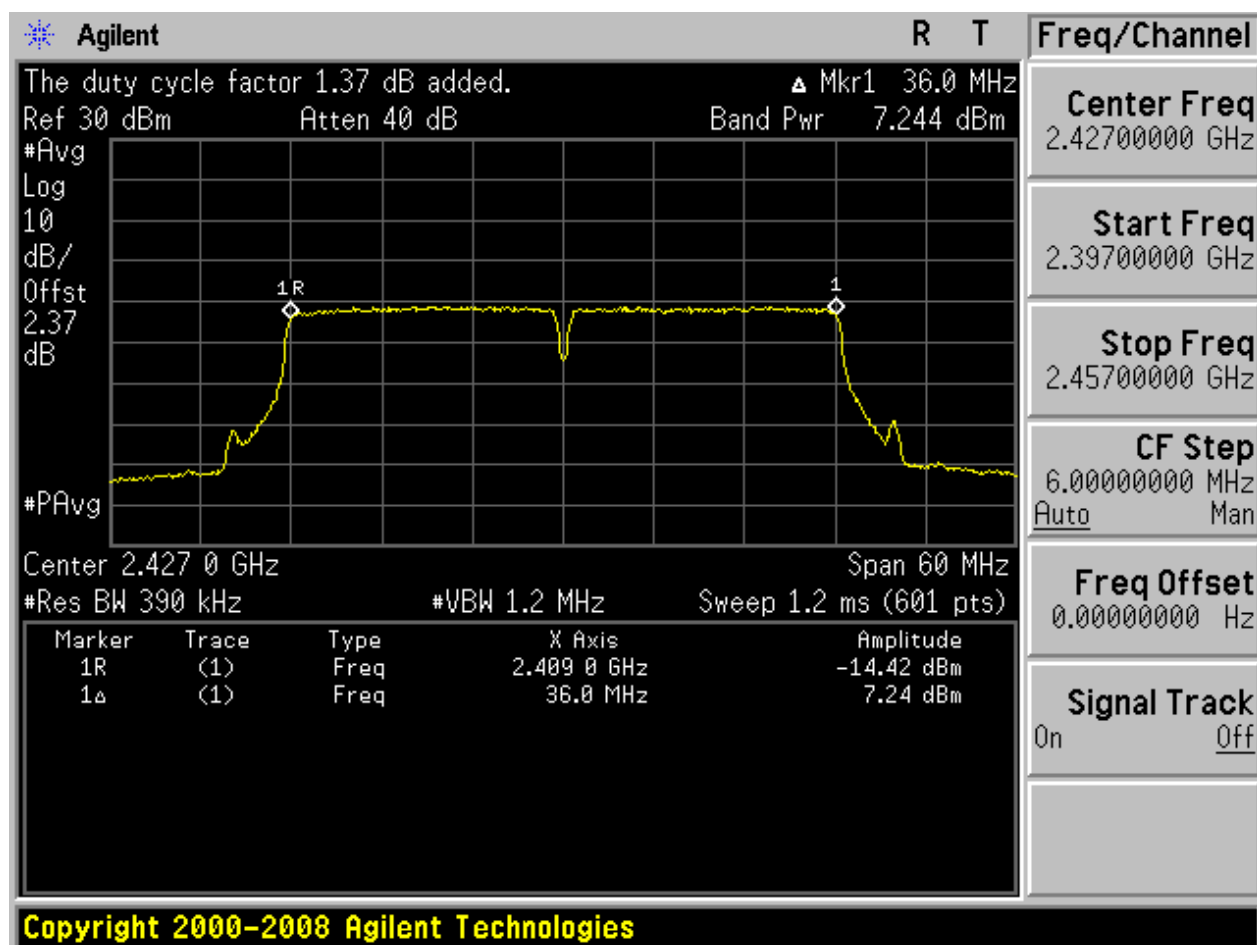


2.33 11N40m_M@Ant 1



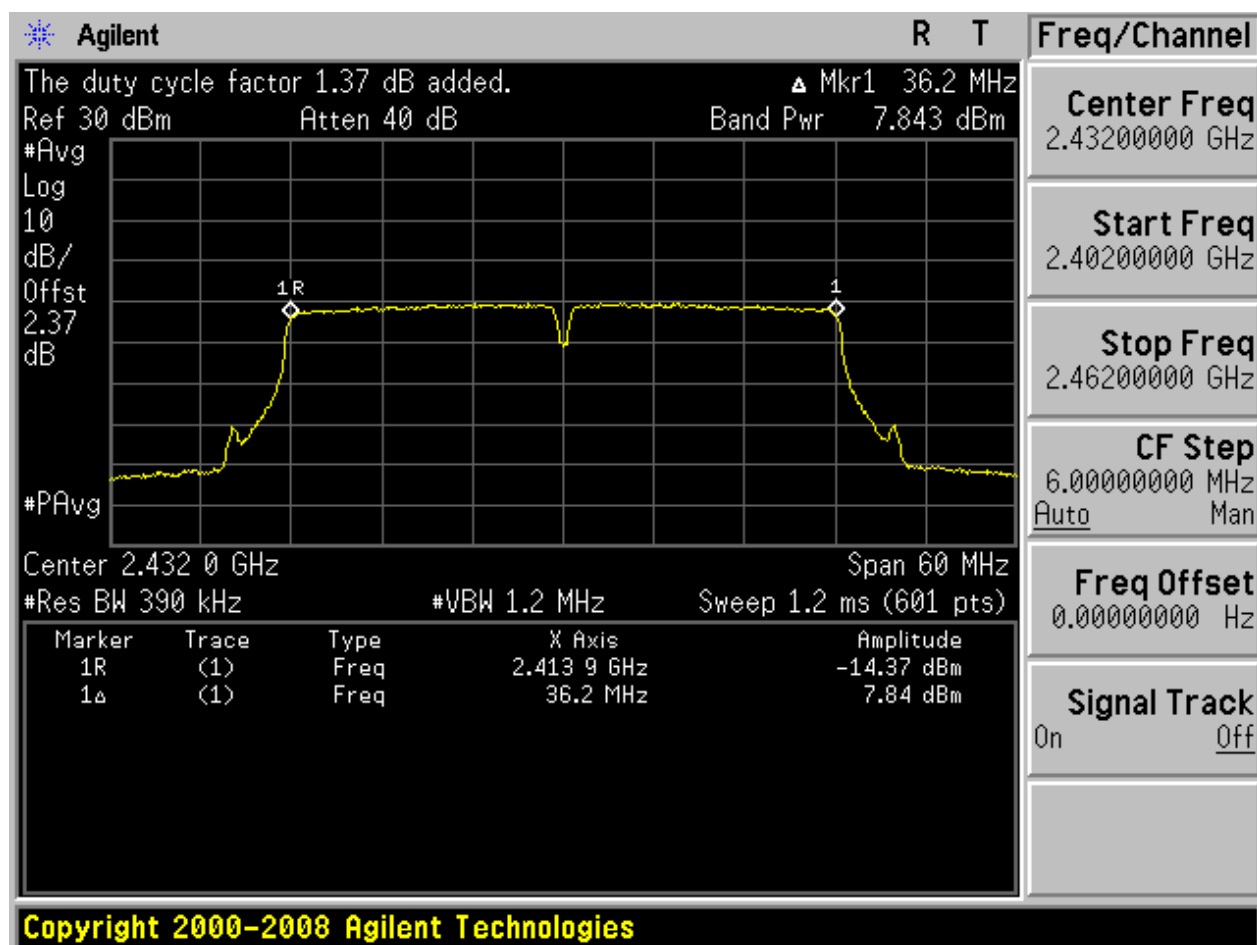


2.34 11N40m_M@Ant 2



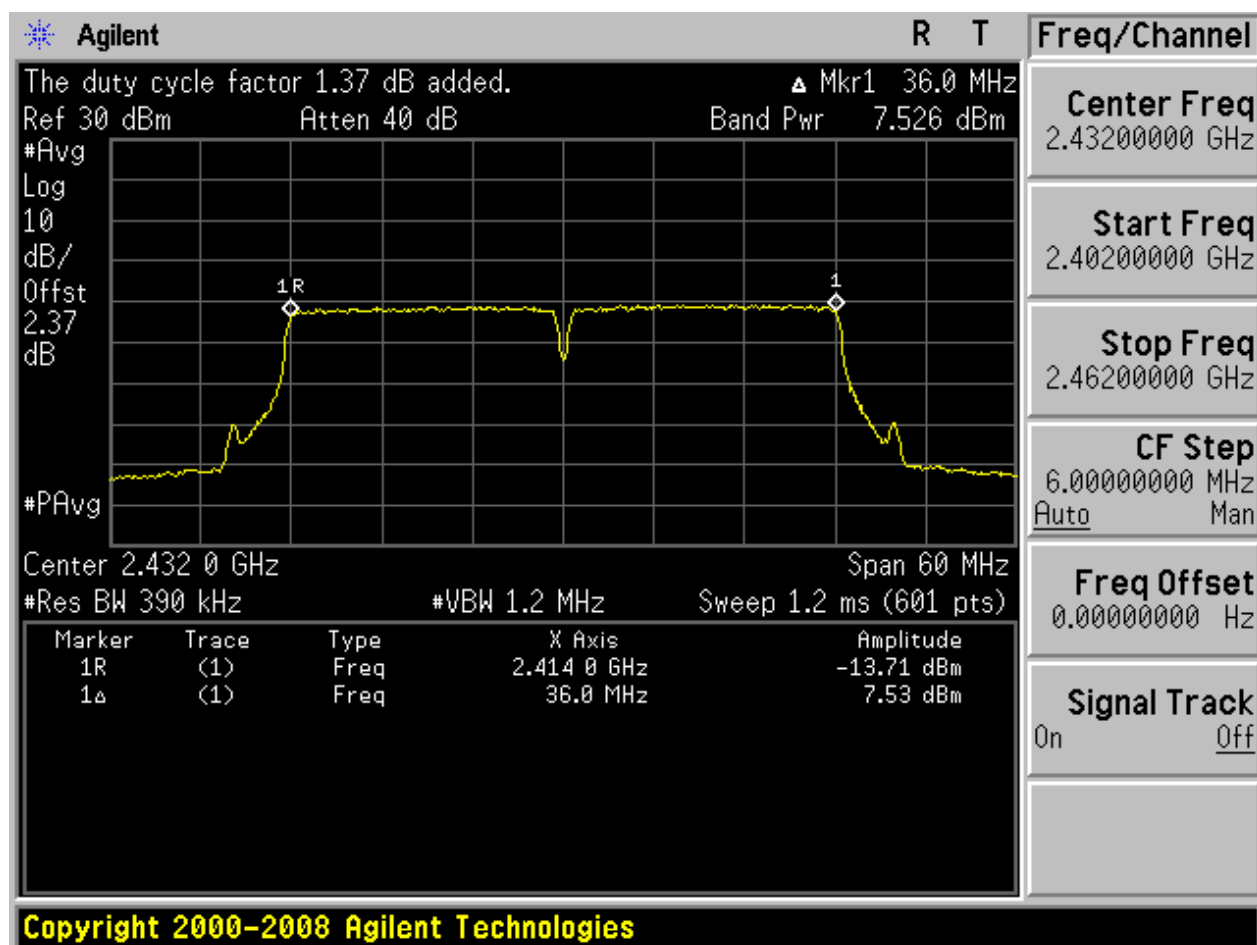


2.35 11N40m_H@Ant 1





2.36 11N40m_H@Ant 2



Appendix D: Maximum Power Spectral Density Level

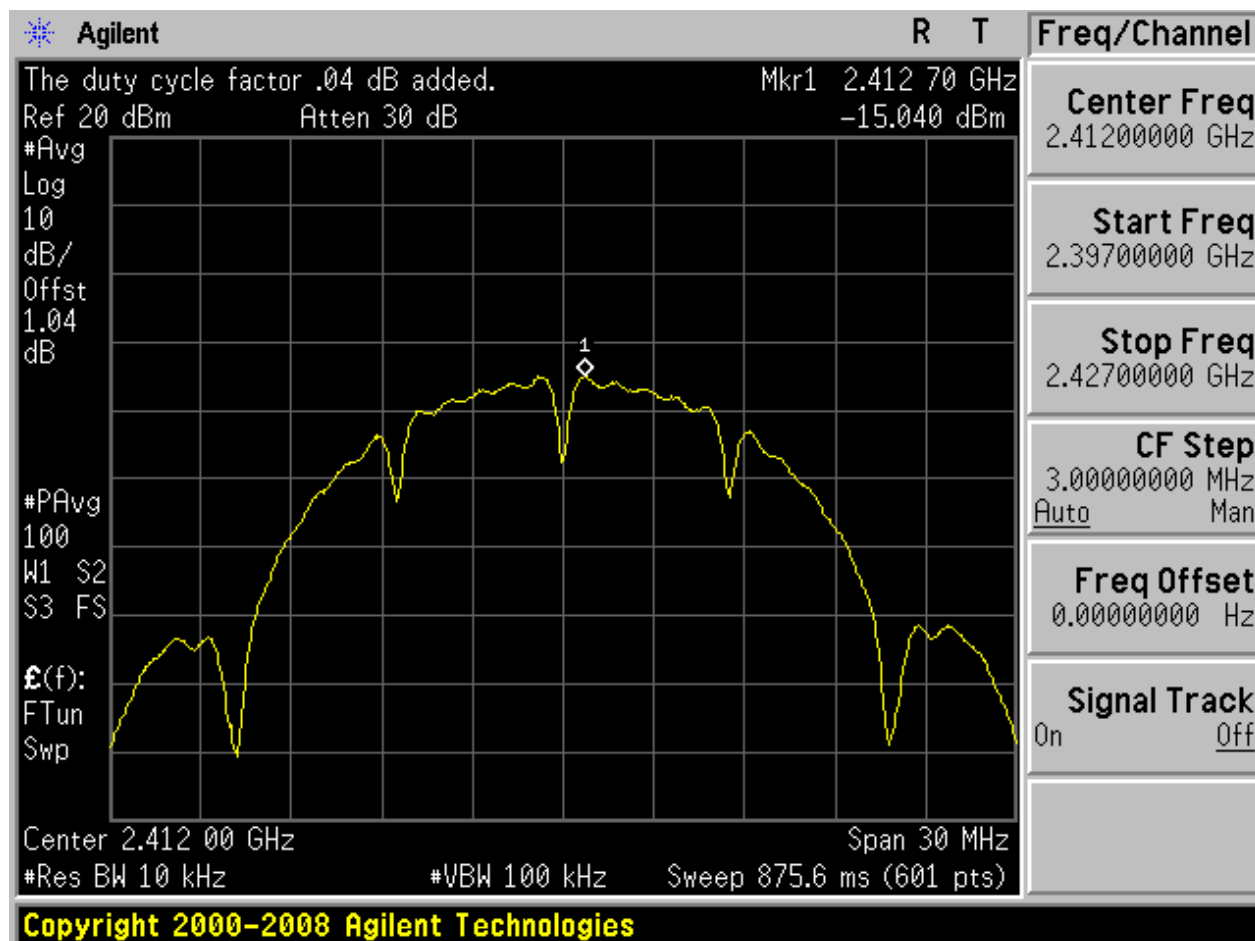
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	PD[MHz]	Verdict
11B	L	2412	Ant 1	-15.04	pass
11B	L	2412	Ant 2	-14.67	pass
11B	M	2427	Ant 1	-14.55	pass
11B	M	2427	Ant 2	-14.73	pass
11B	H	2442	Ant 1	-15.16	pass
11B	H	2442	Ant 2	-14.36	pass
11G	L	2412	Ant 1	-20.09	pass
11G	L	2412	Ant 2	-18.63	pass
11G	M	2427	Ant 1	-19.83	pass
11G	M	2427	Ant 2	-18.58	pass
11G	H	2442	Ant 1	-19.77	pass
11G	H	2442	Ant 2	-18.17	pass
11N20	L	2412	Ant 1	-22.26	pass
11N20	L	2412	Ant 2	-20.32	pass
11N20	M	2427	Ant 1	-21.88	pass
11N20	M	2427	Ant 2	-20.49	pass
11N20	H	2442	Ant 1	-21.65	pass
11N20	H	2442	Ant 2	-20.11	pass
11N20m	L	2412	Ant 1	-22.08	---
11N20m	L	2412	Ant 2	-22.69	---
11N20m_Sum	L	2412	Ant 1+ 2	-19.36	pass
11N20m	M	2427	Ant 1	-21.90	---
11N20m	M	2427	Ant 2	-23.25	---
11N20m_Sum	M	2427	Ant 1+ 2	-19.51	pass
11N20m	H	2442	Ant 1	-21.89	---
11N20m	H	2442	Ant 2	-22.04	---
11N20m_Sum	H	2442	Ant 1+ 2	-18.95	pass
11N40	L	2422	Ant 1	-24.47	pass
11N40	L	2422	Ant 2	-24.16	pass
11N40	M	2427	Ant 1	-24.06	pass
11N40	M	2427	Ant 2	-24.02	pass
11N40	H	2432	Ant 1	-24.10	pass
11N40	H	2432	Ant 2	-24.00	pass
11N40m	L	2422	Ant 1	-24.34	---

11N40m	L	2422	Ant 2	-25.34	---
11N40m_Sum	L	2422	Ant 1+ 2	-21.80	pass
11N40m	M	2427	Ant 1	-24.51	---
11N40m	M	2427	Ant 2	-25.32	---
11N40m_Sum	M	2427	Ant 1+ 2	-21.89	pass
11N40m	H	2432	Ant 1	-24.53	---
11N40m	H	2432	Ant 2	-25.22	---
11N40m_Sum	H	2432	Ant 1+ 2	-21.85	pass

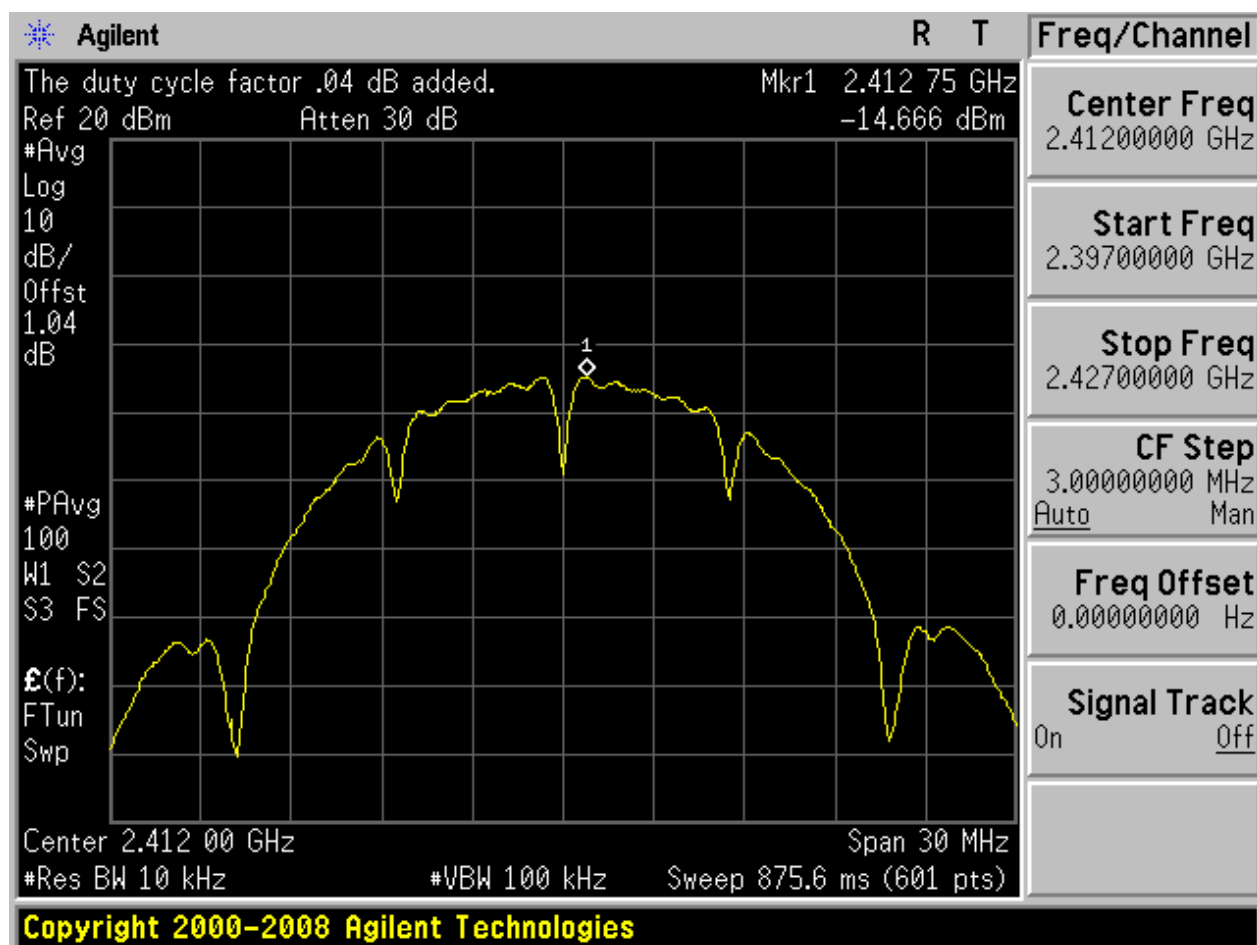
Part II - Test Plots

2.1 11B_L@Ant 1



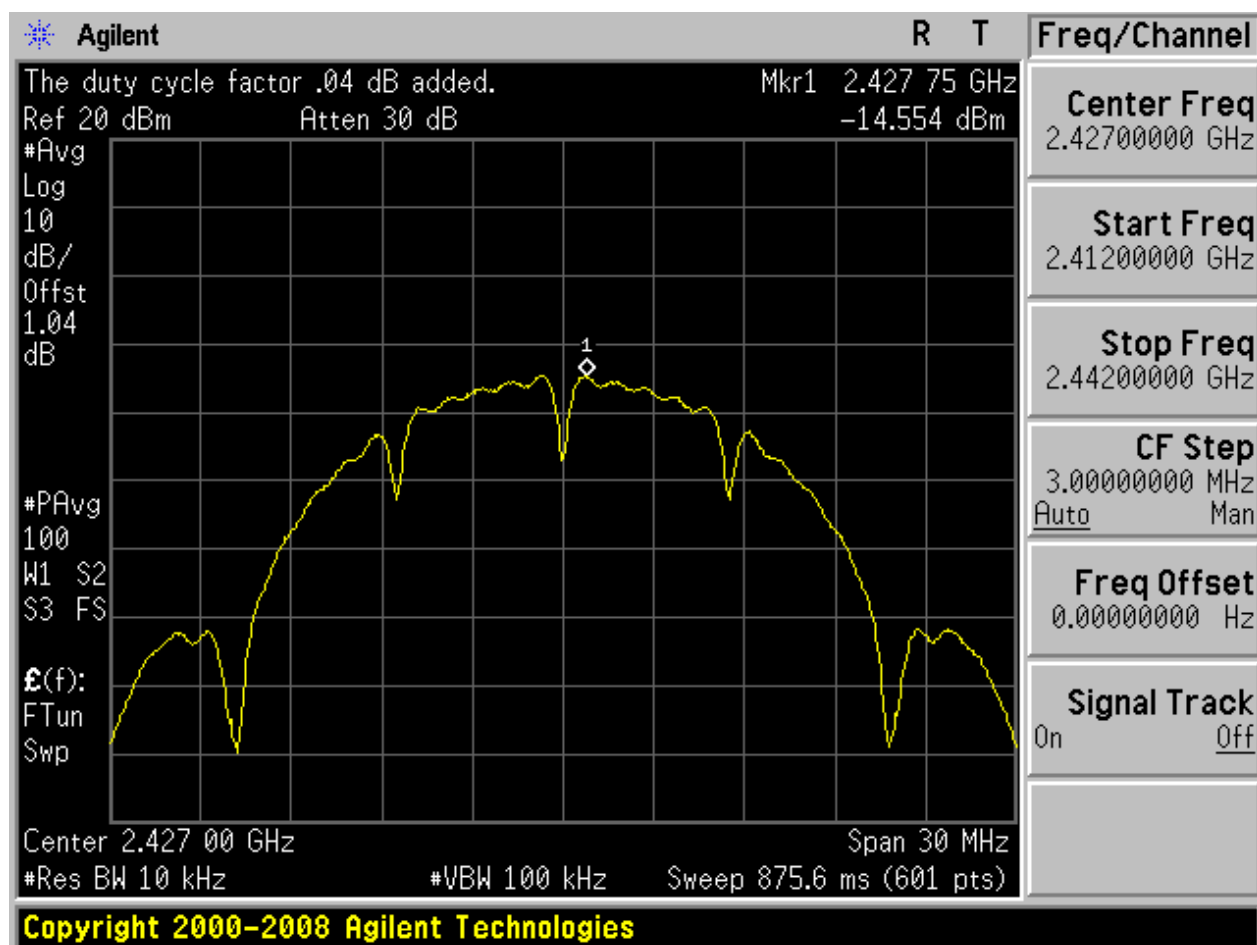


2.2 11B_L@Ant 2

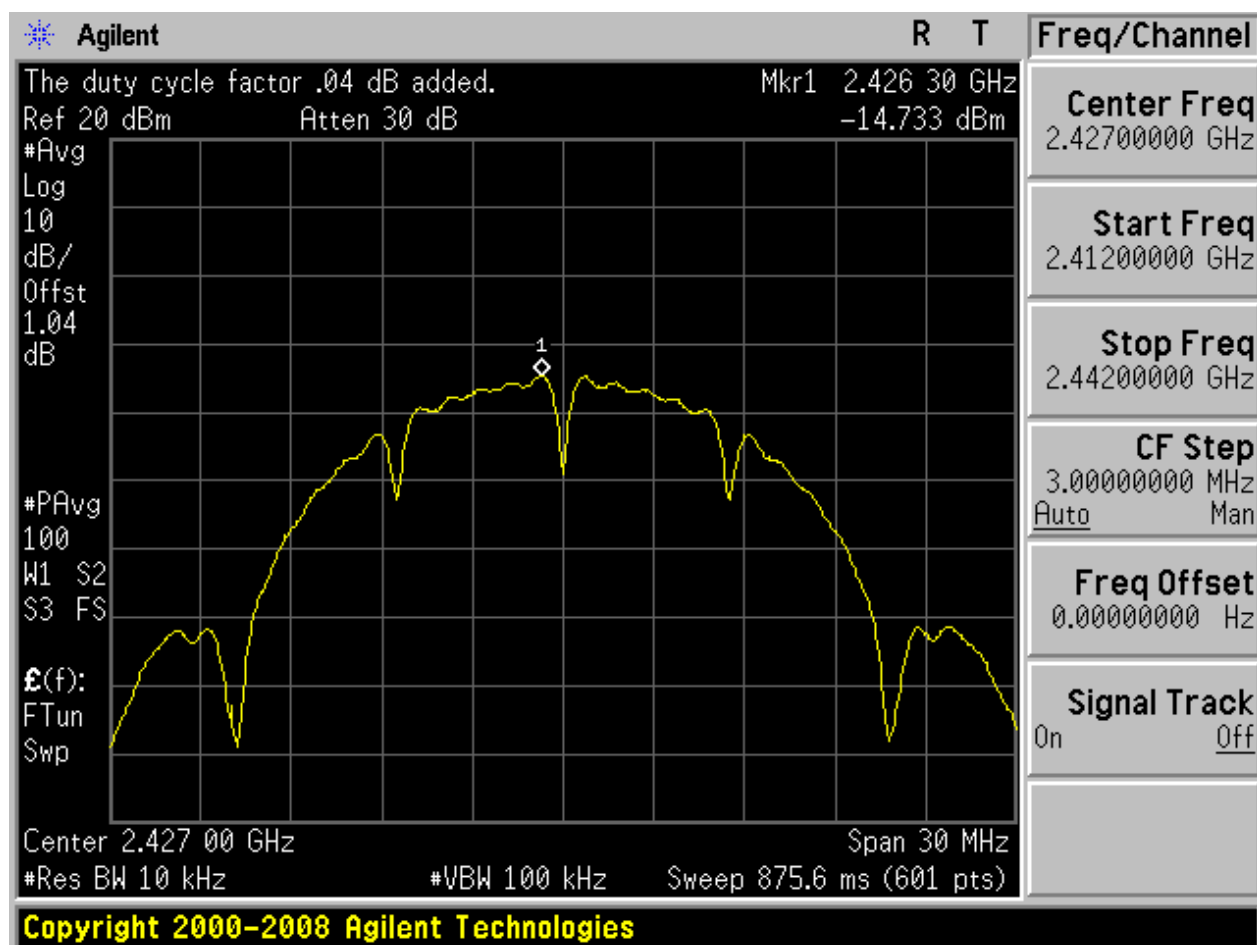




2.3 11B_M@Ant 1

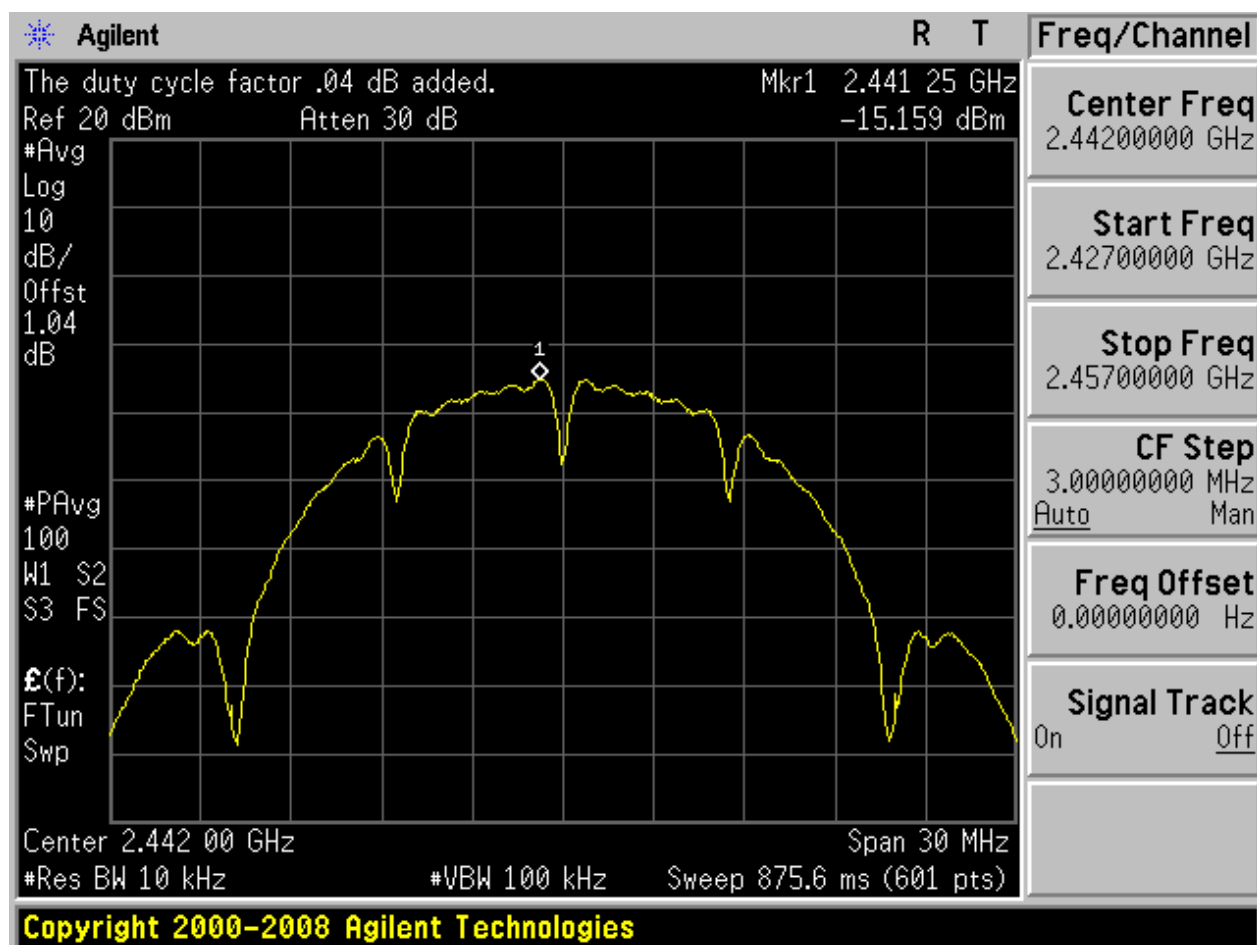


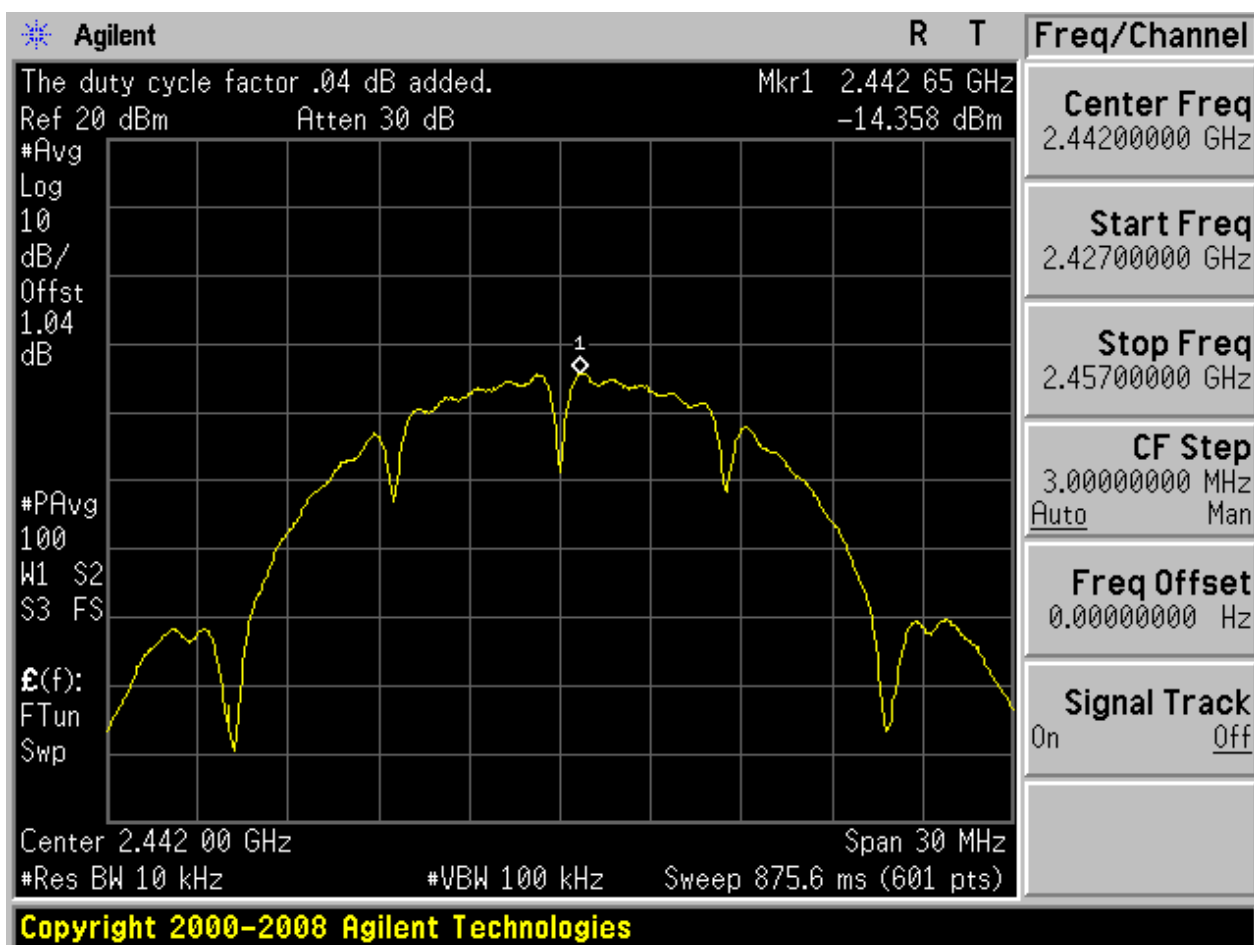
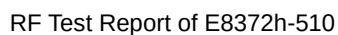
2.4 11B_M@Ant 2



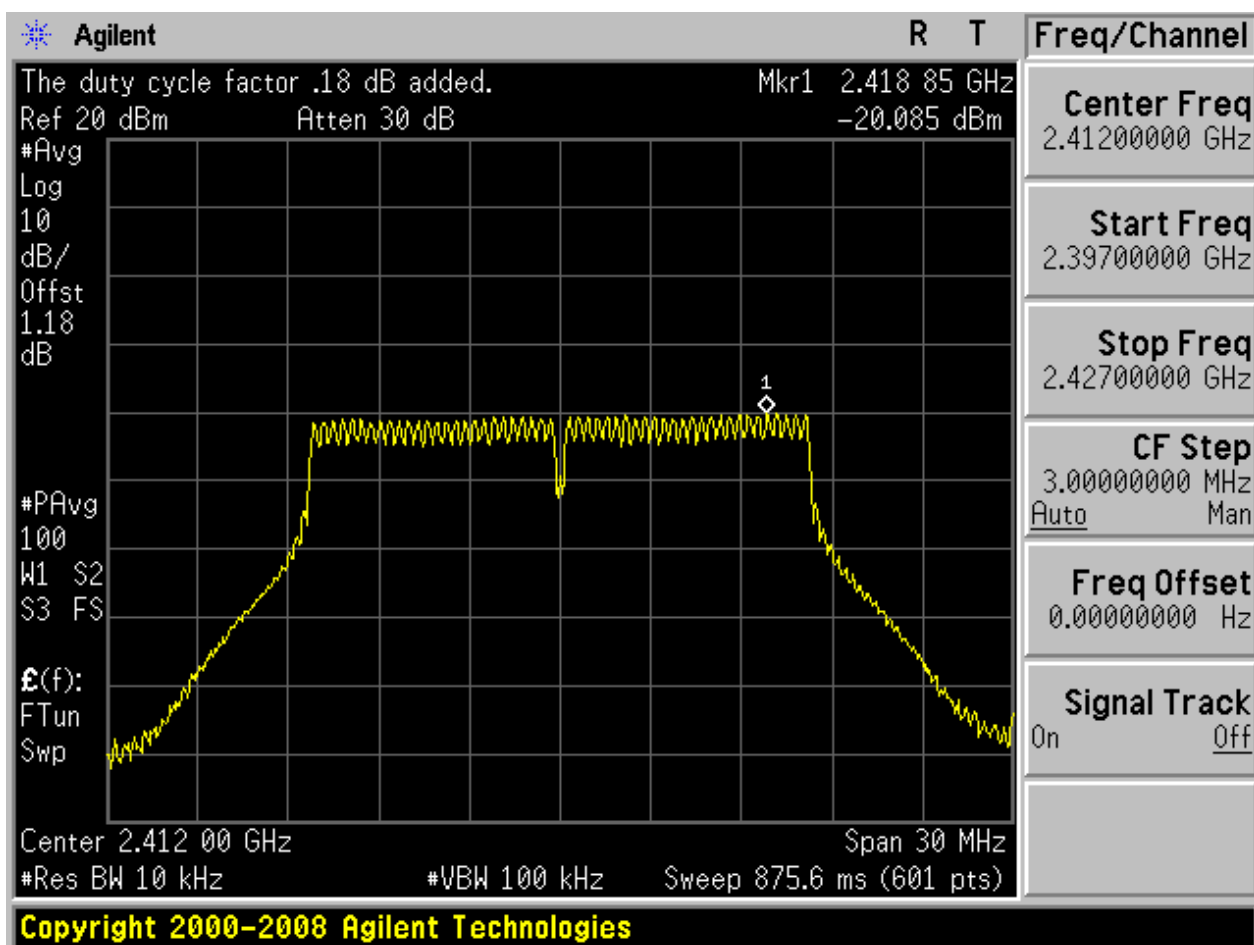


2.5 11B_H@Ant 1



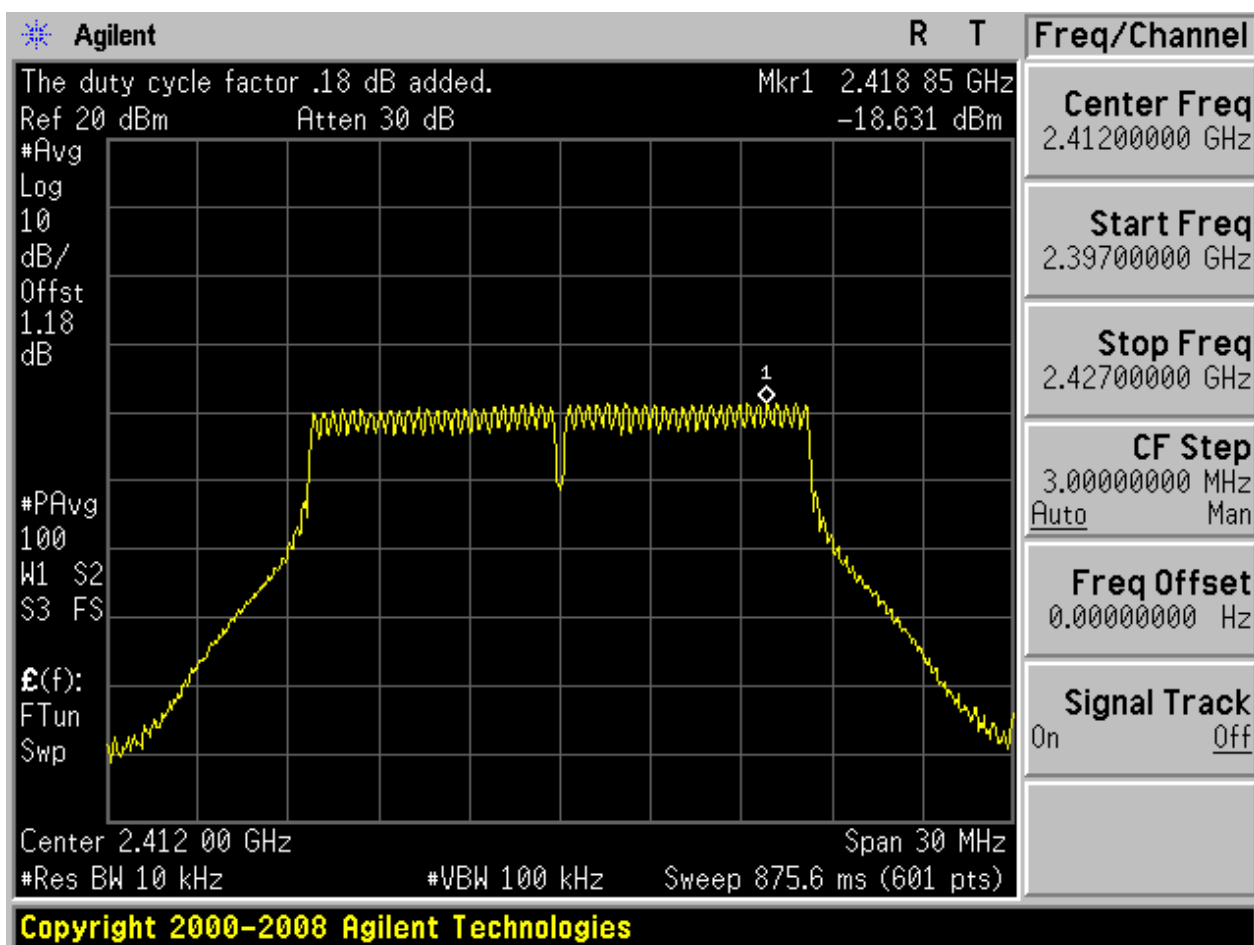


2.7 11G_L@Ant 1

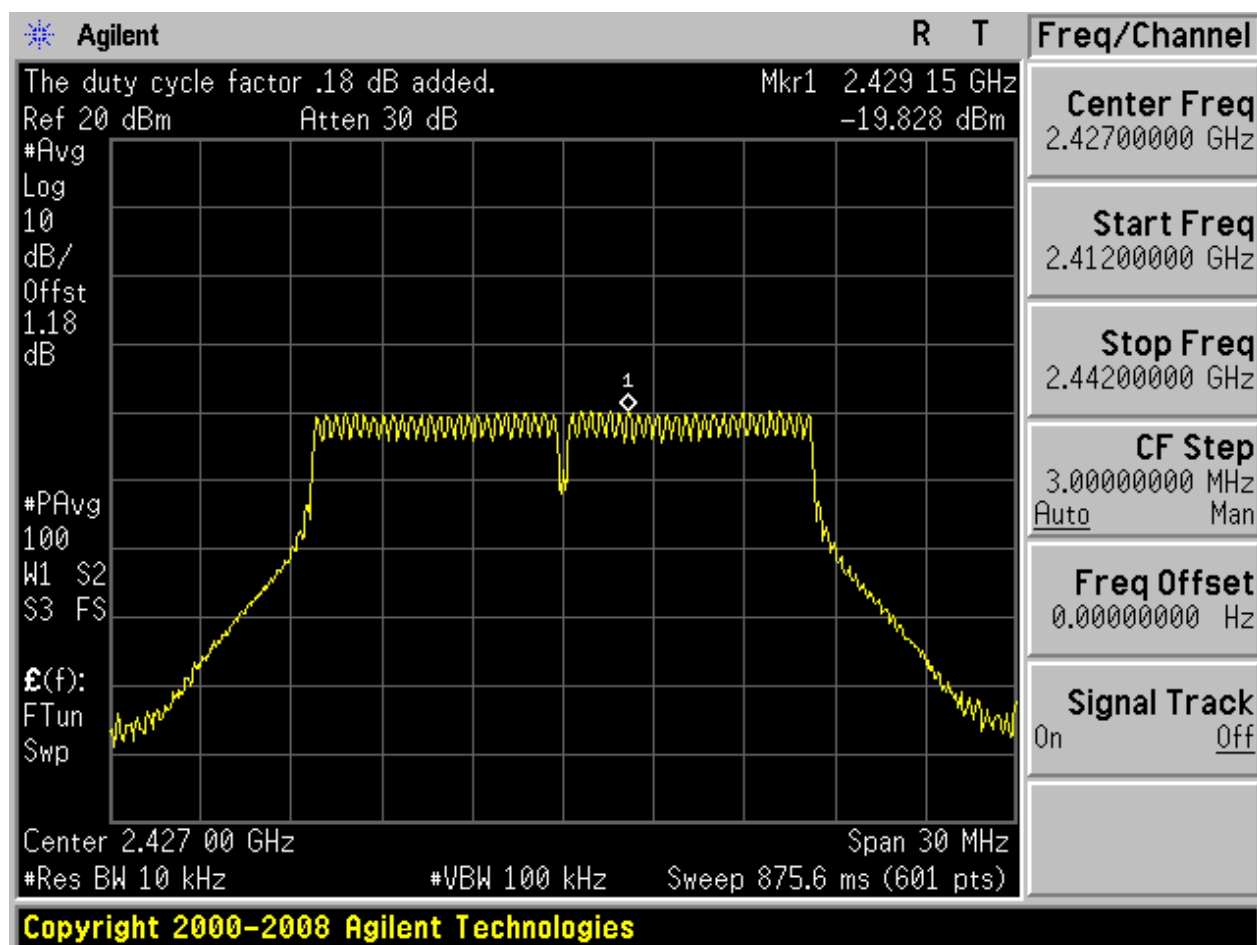




2.8 11G_L@Ant 2

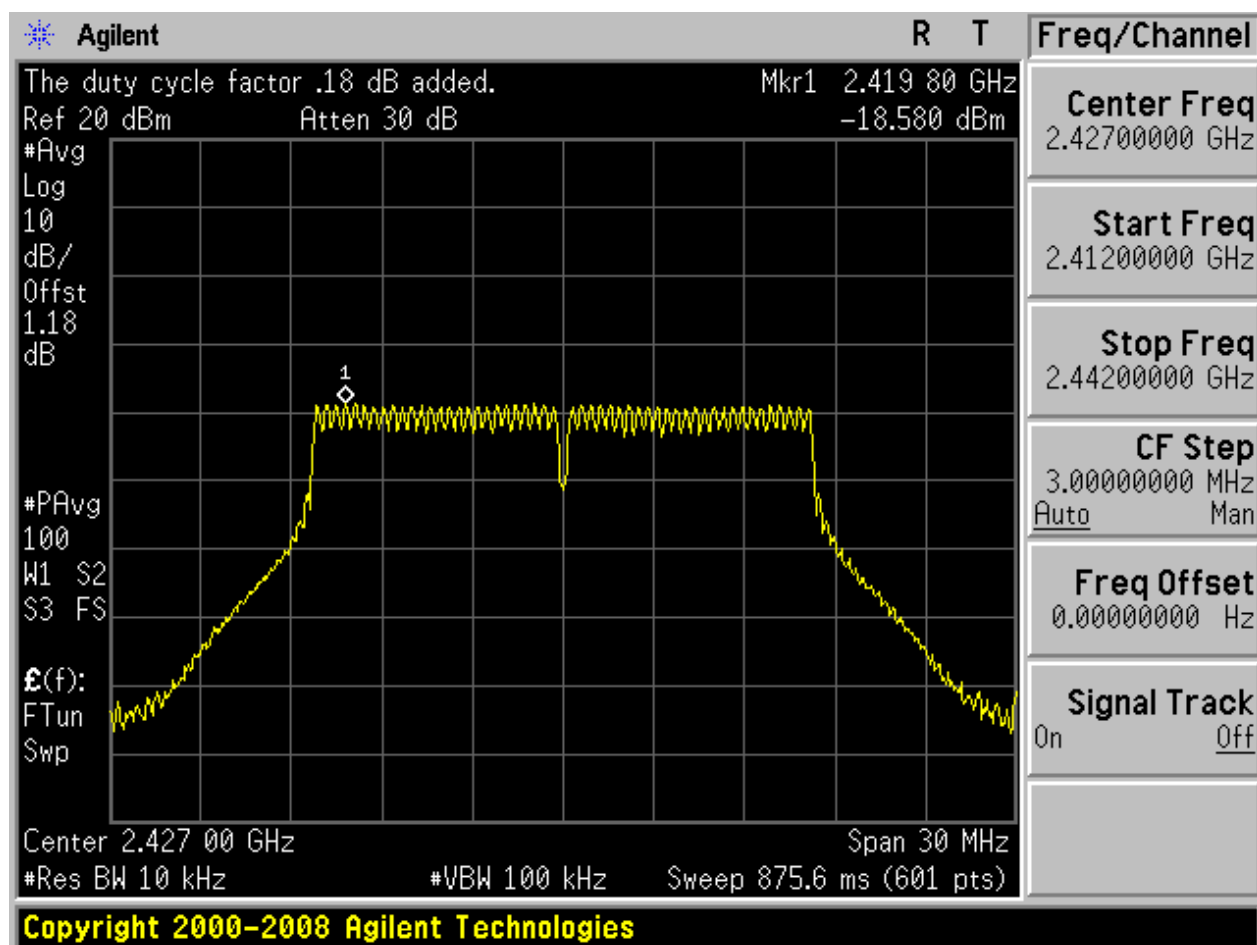


2.9 11G_M@Ant 1



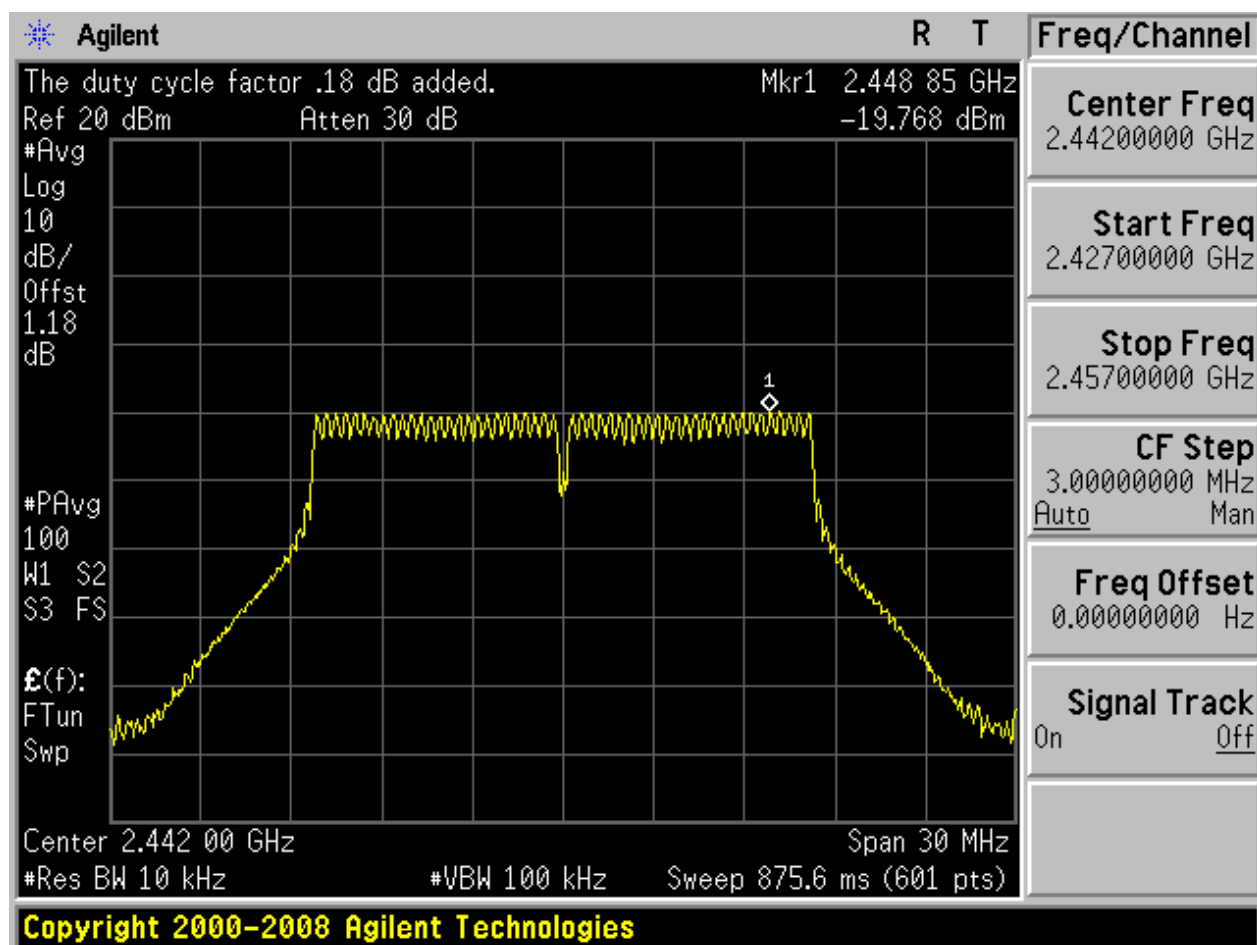


2.10 11G_M@Ant 2



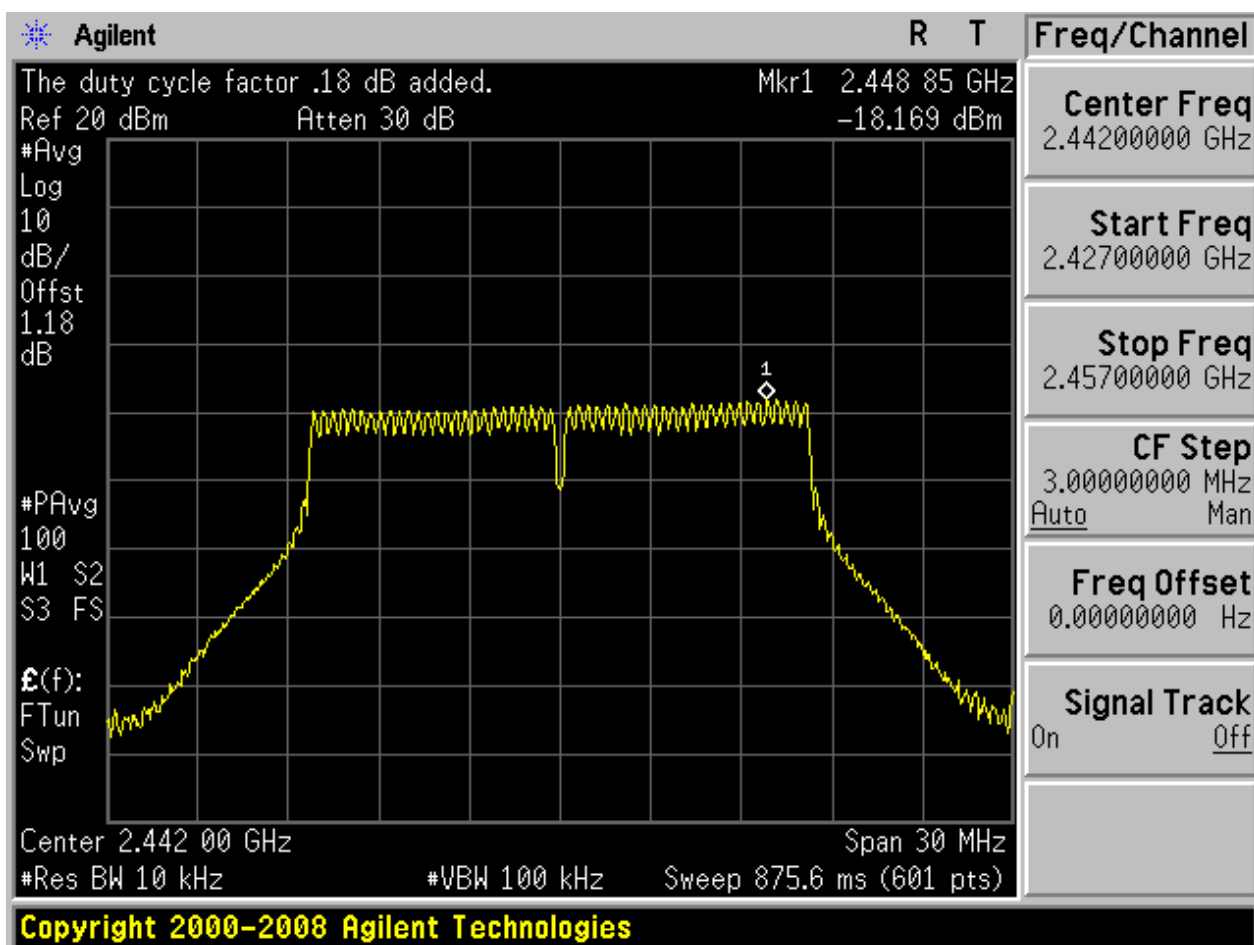


2.11 11G_H@Ant 1

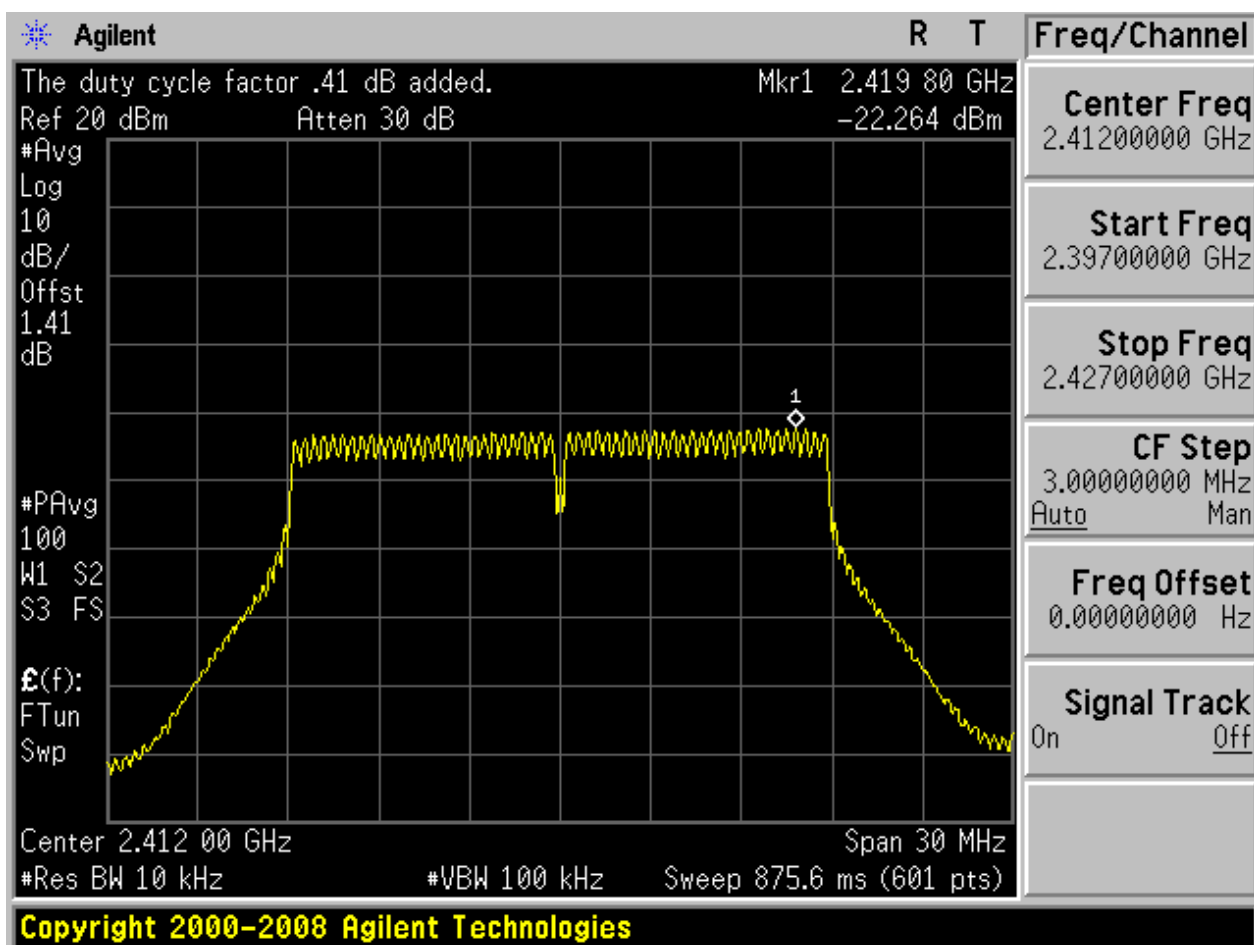




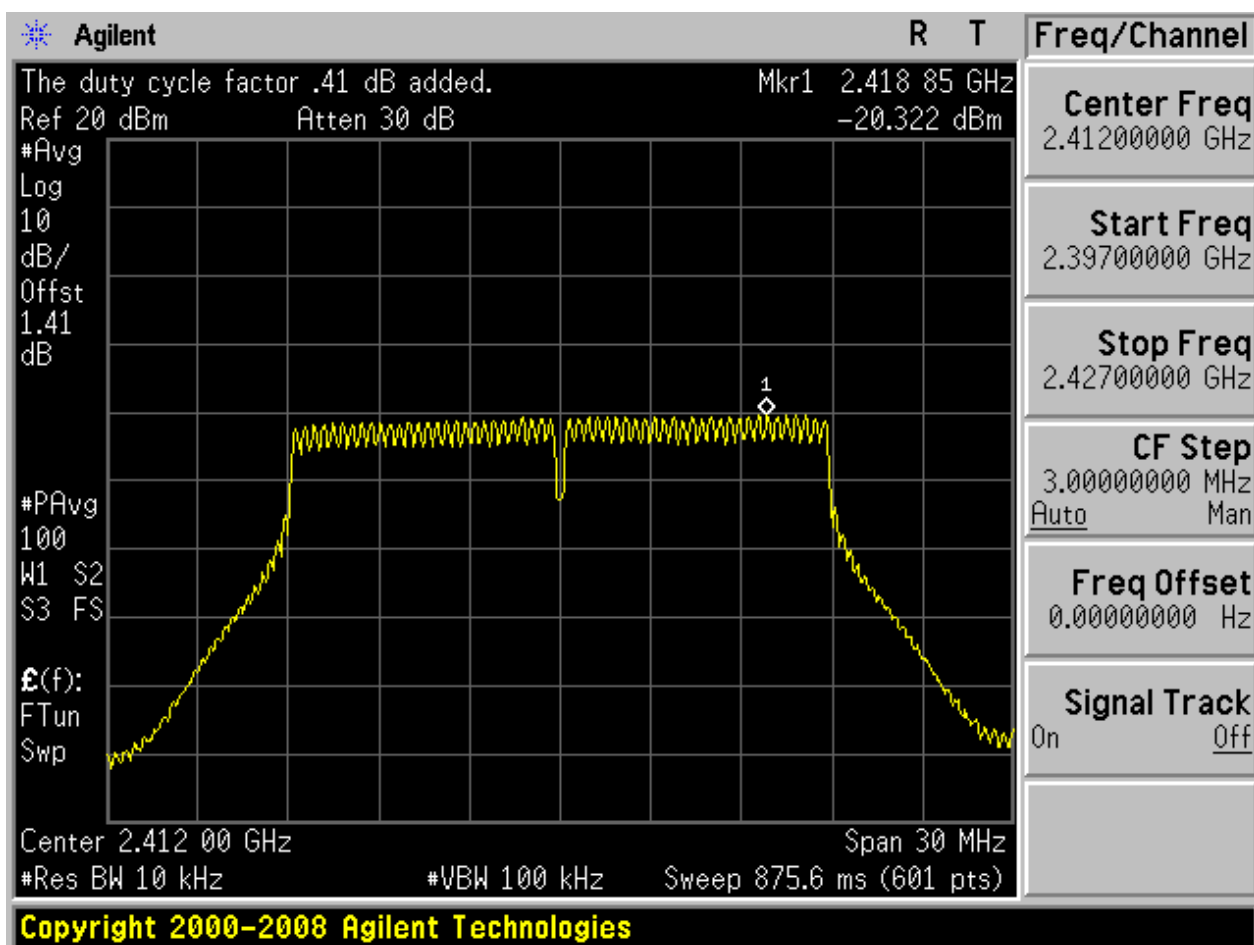
2.12 11G_H@Ant 2



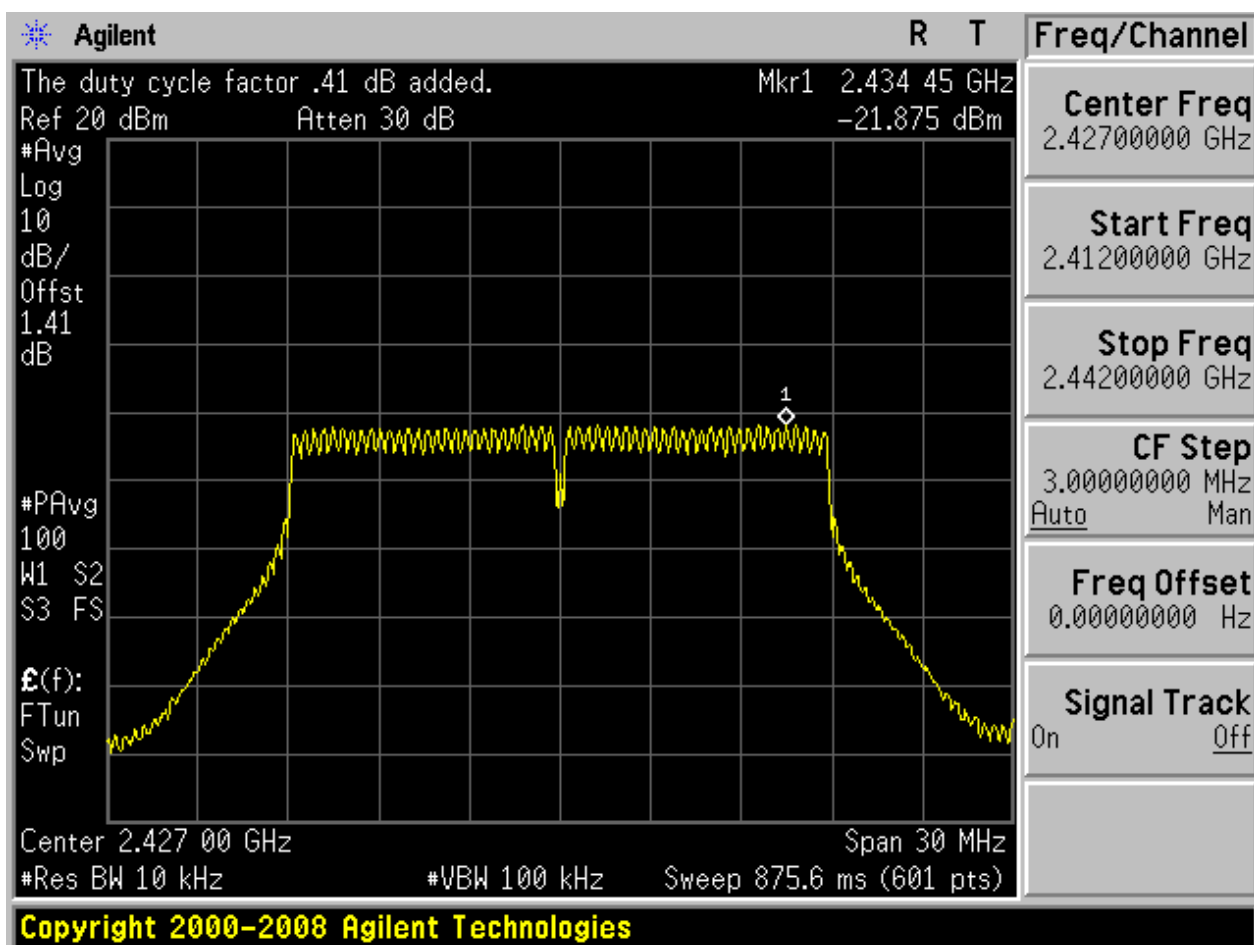
2.13 11N20_L@Ant 1



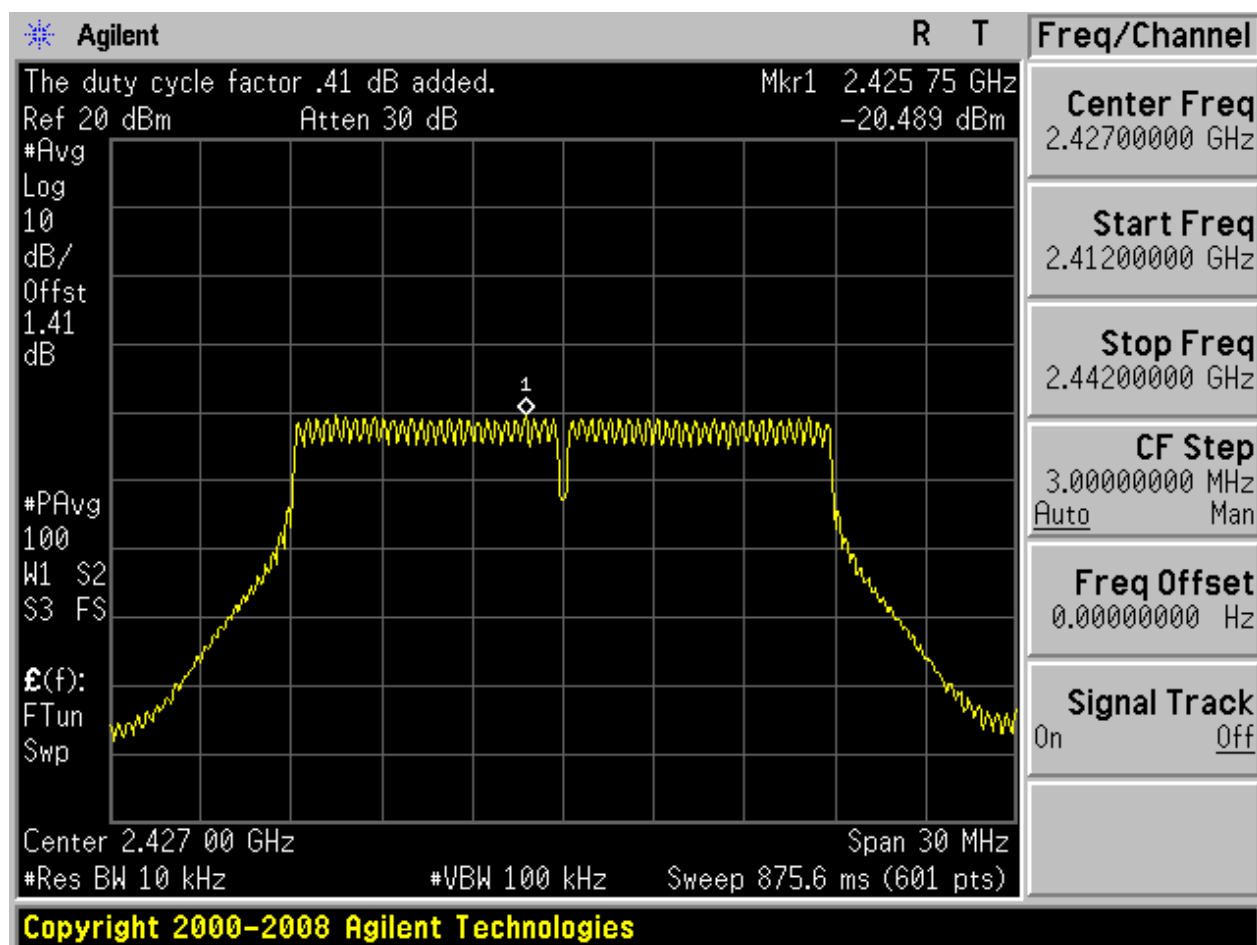
2.14 11N20_L@Ant 2



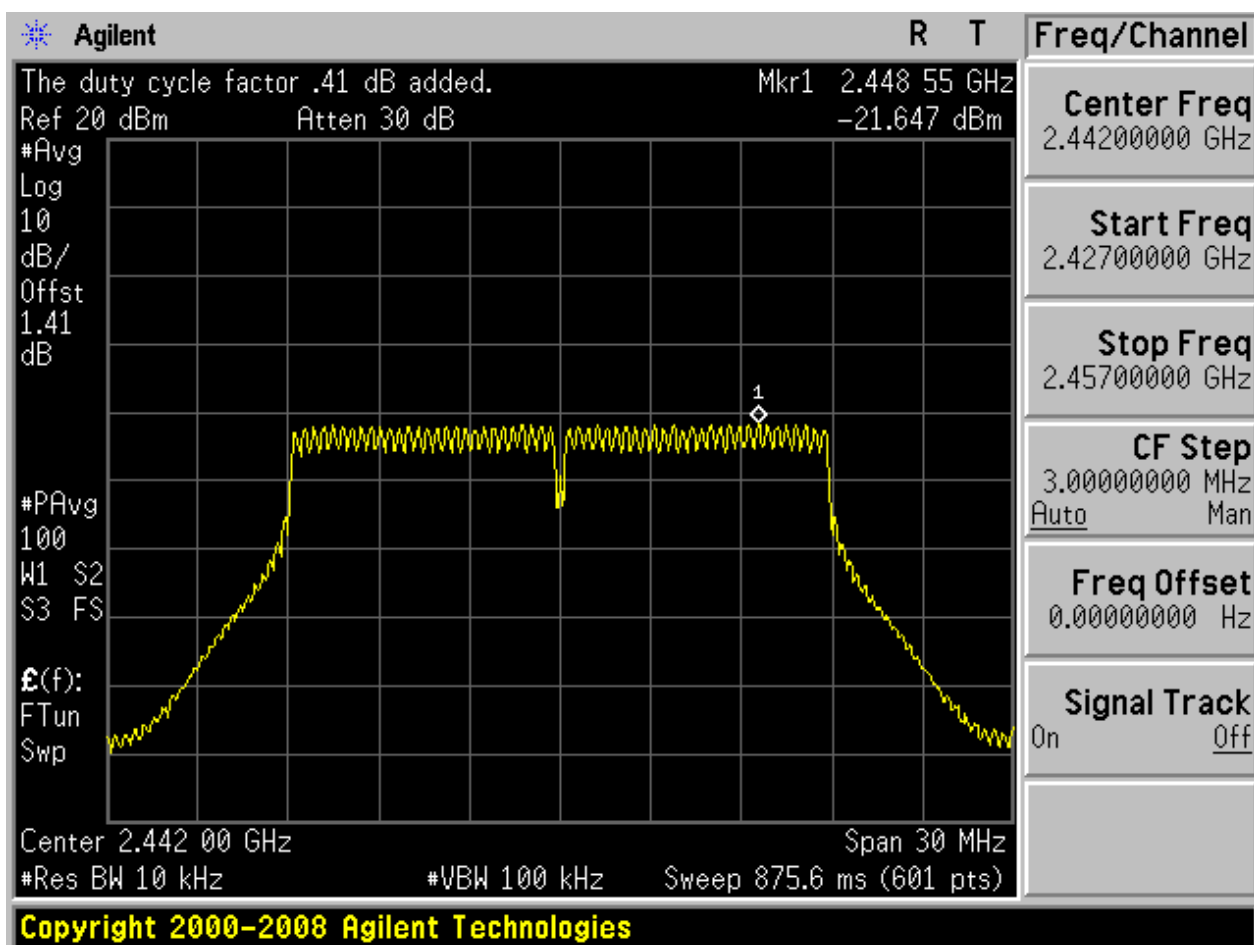
2.15 11N20_M@Ant 1



2.16 11N20_M@Ant 2

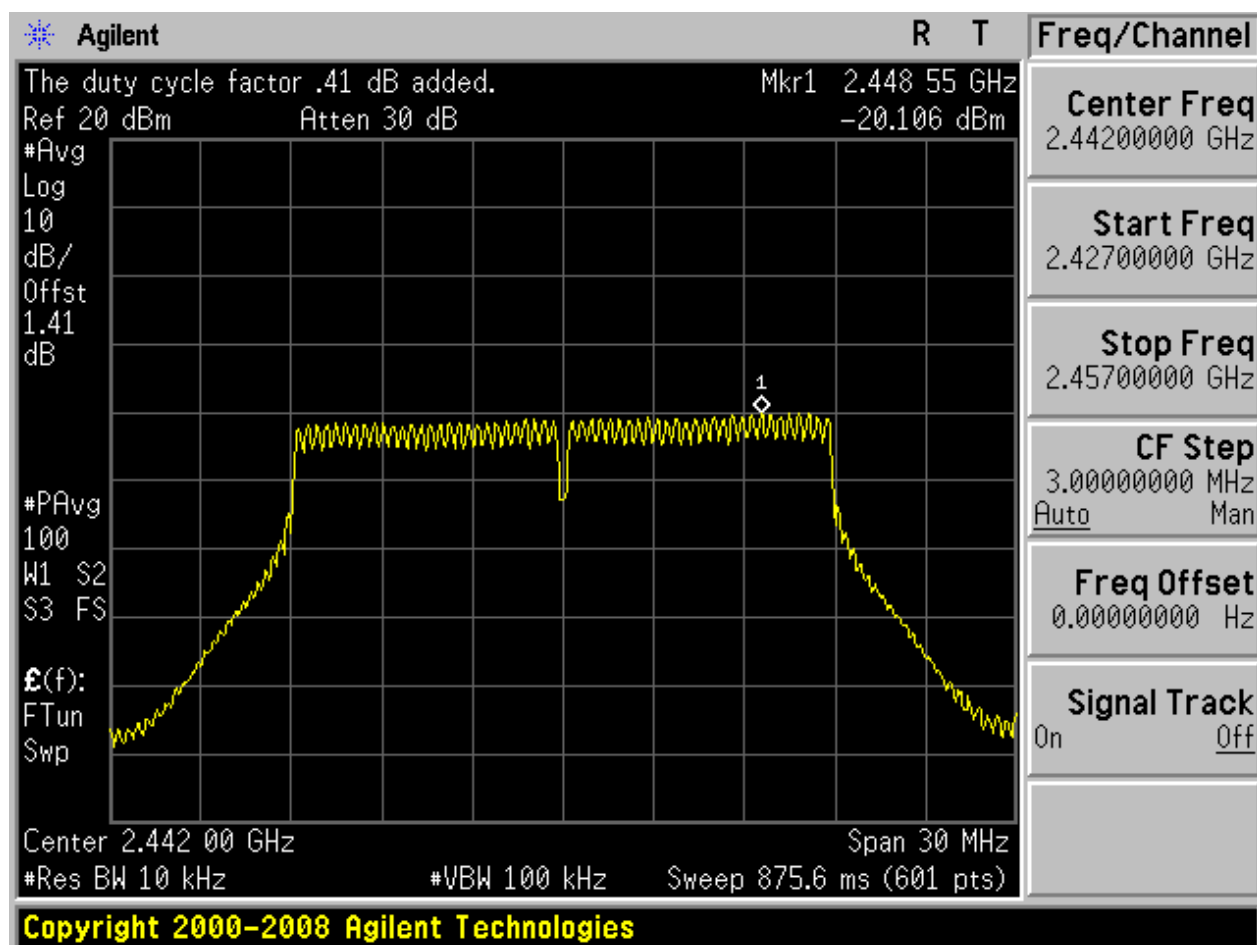


2.17 11N20_H@Ant 1



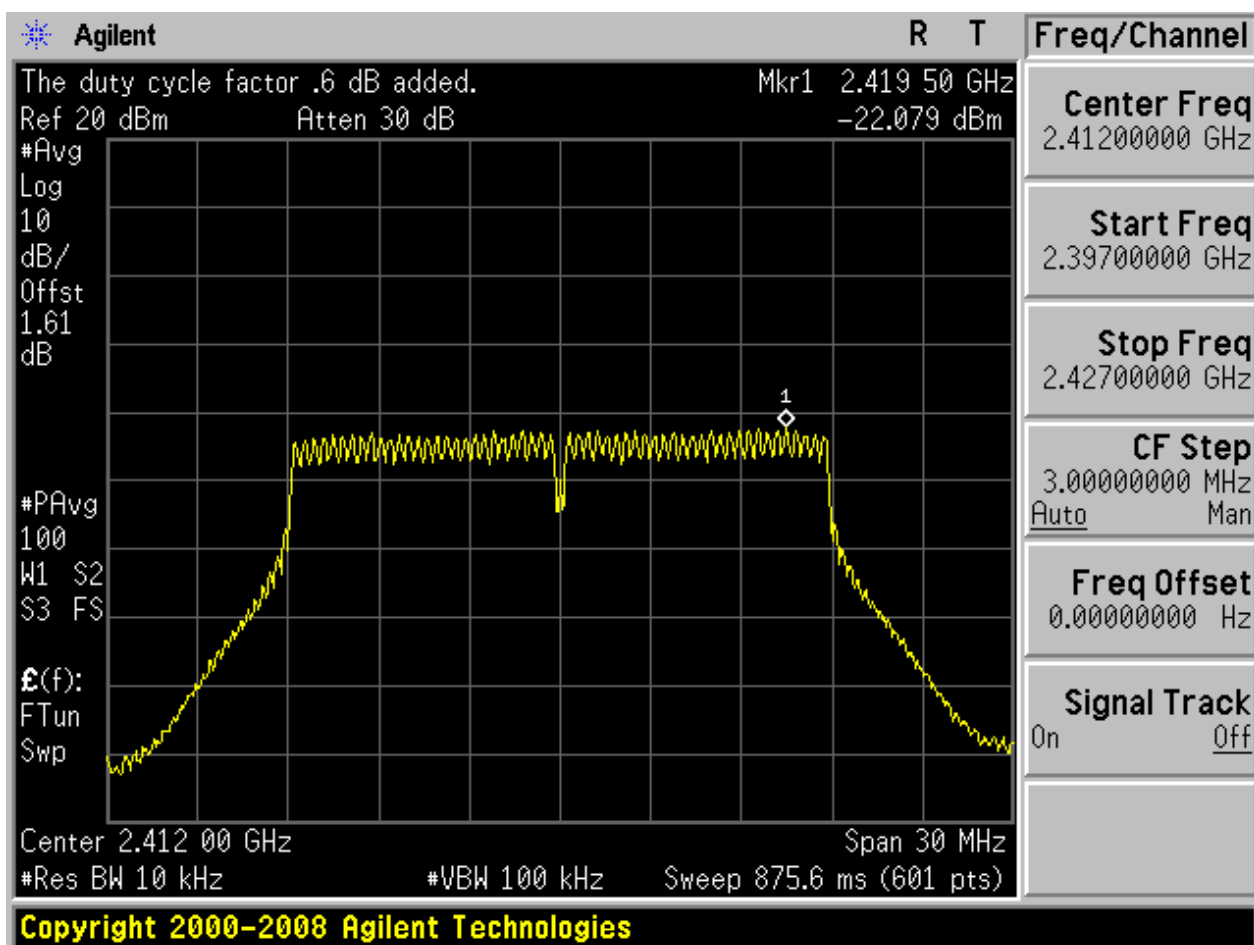


2.18 11N20_H@Ant 2

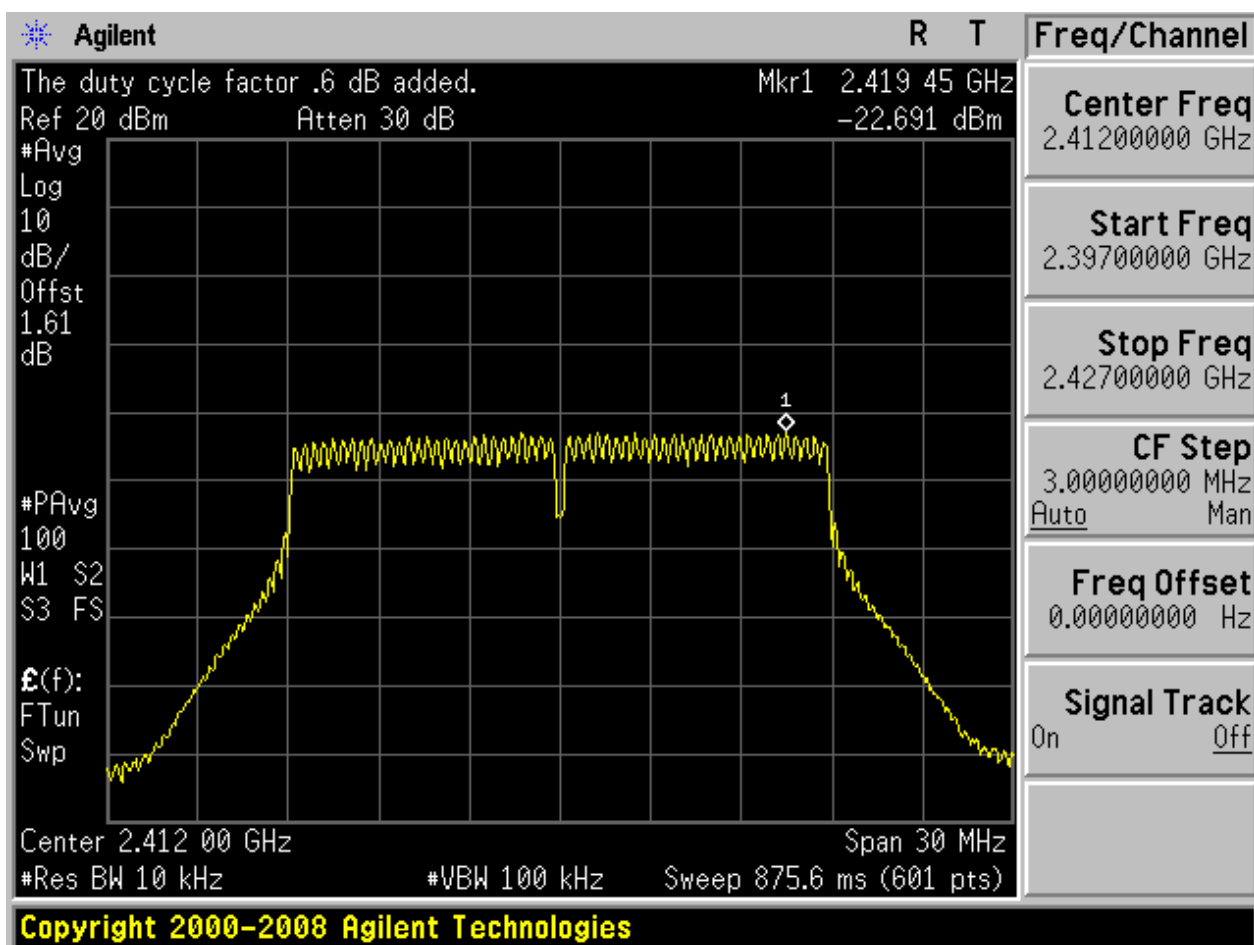




2.13 11N20m_L@Ant 1

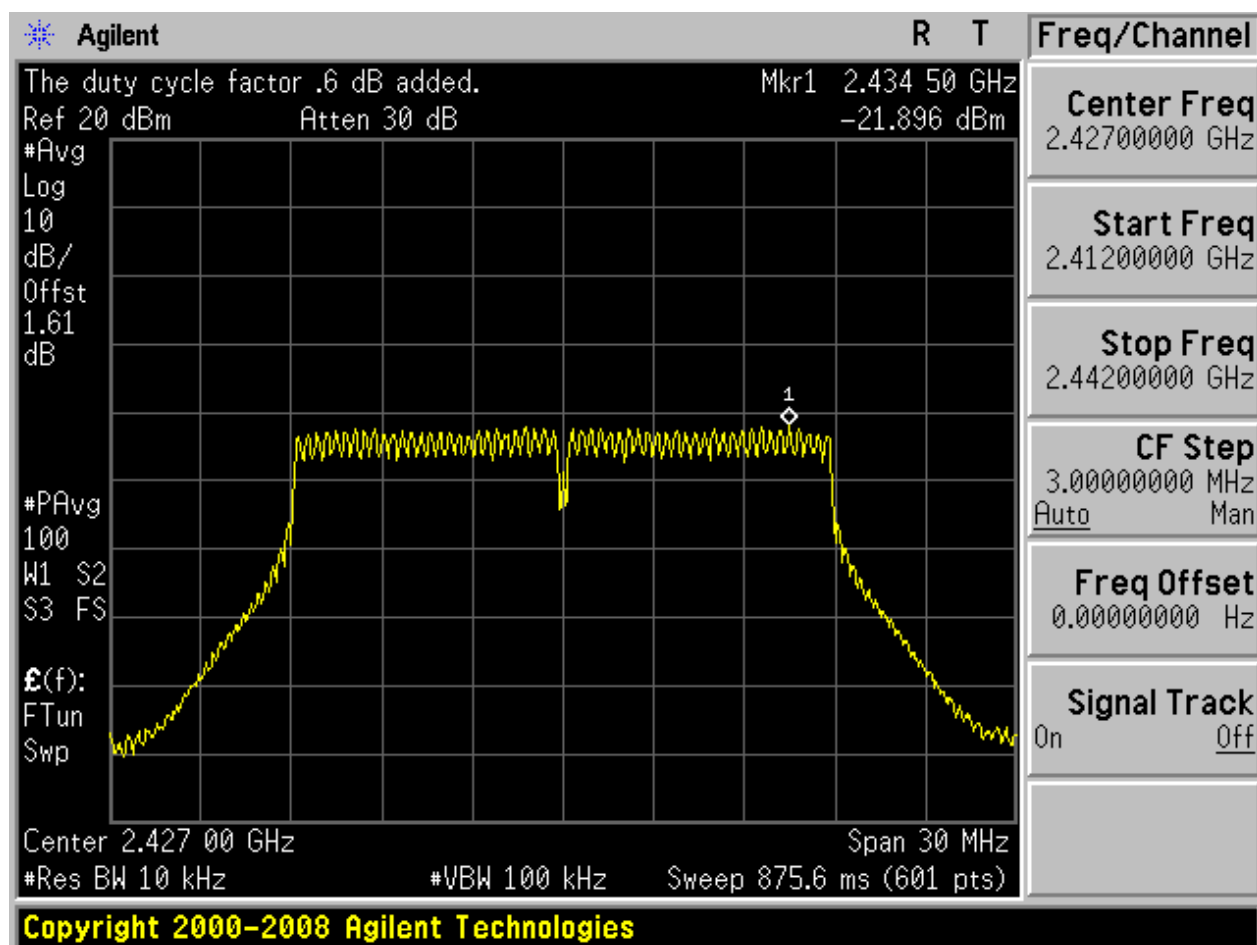


2.14 11N20m_L@Ant 2

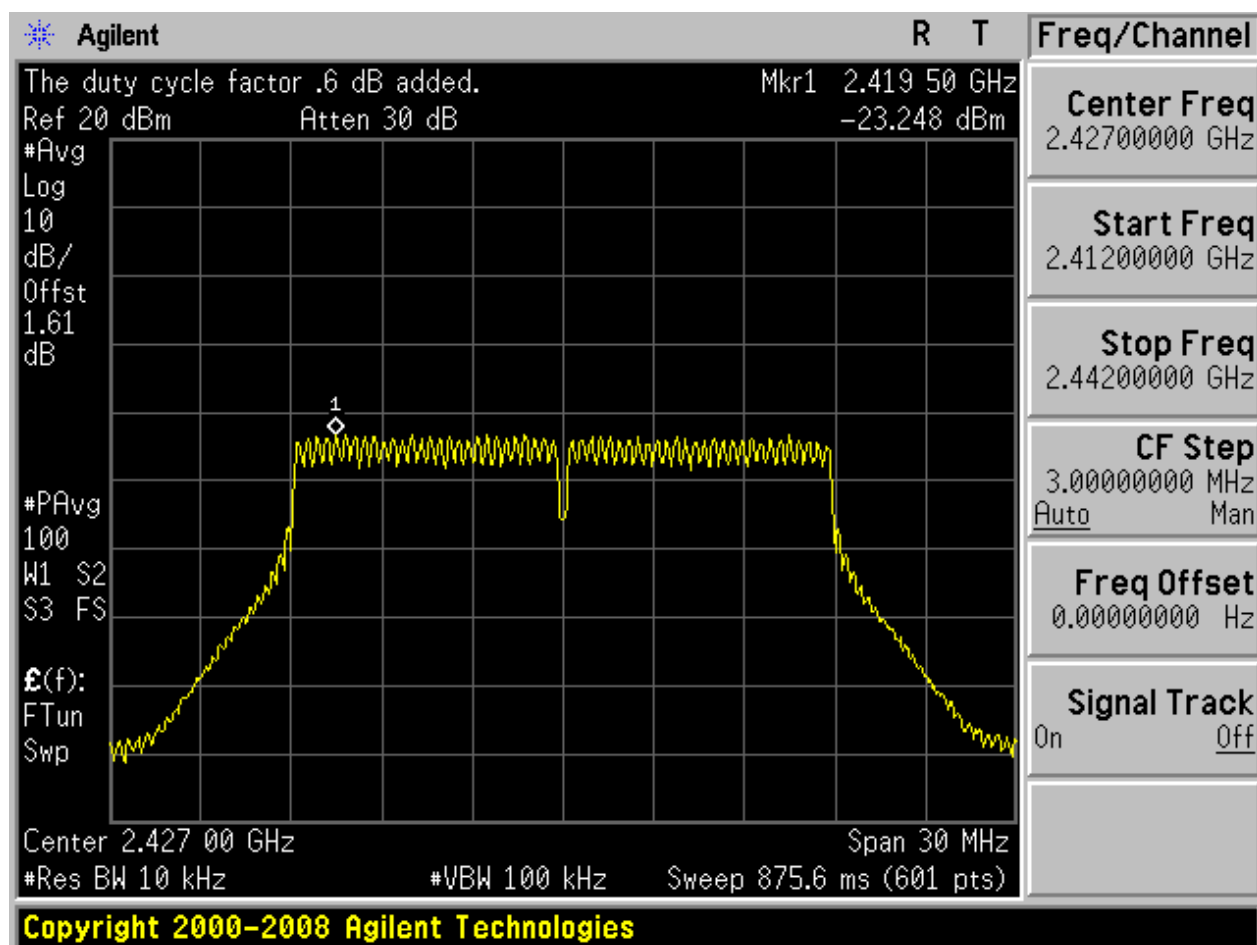




2.15 11N20m_M@Ant 1

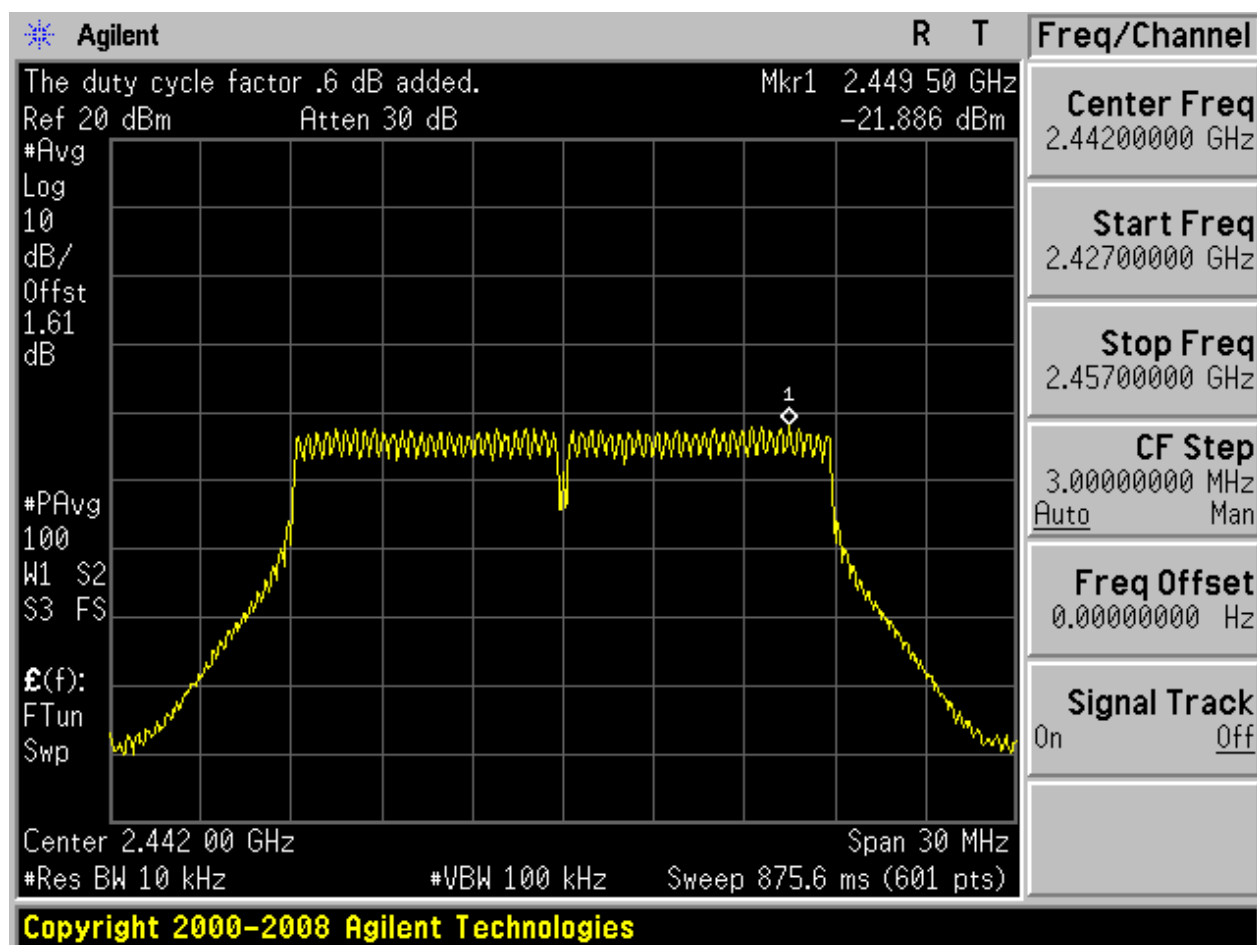


2.16 11N20m_M@Ant 2



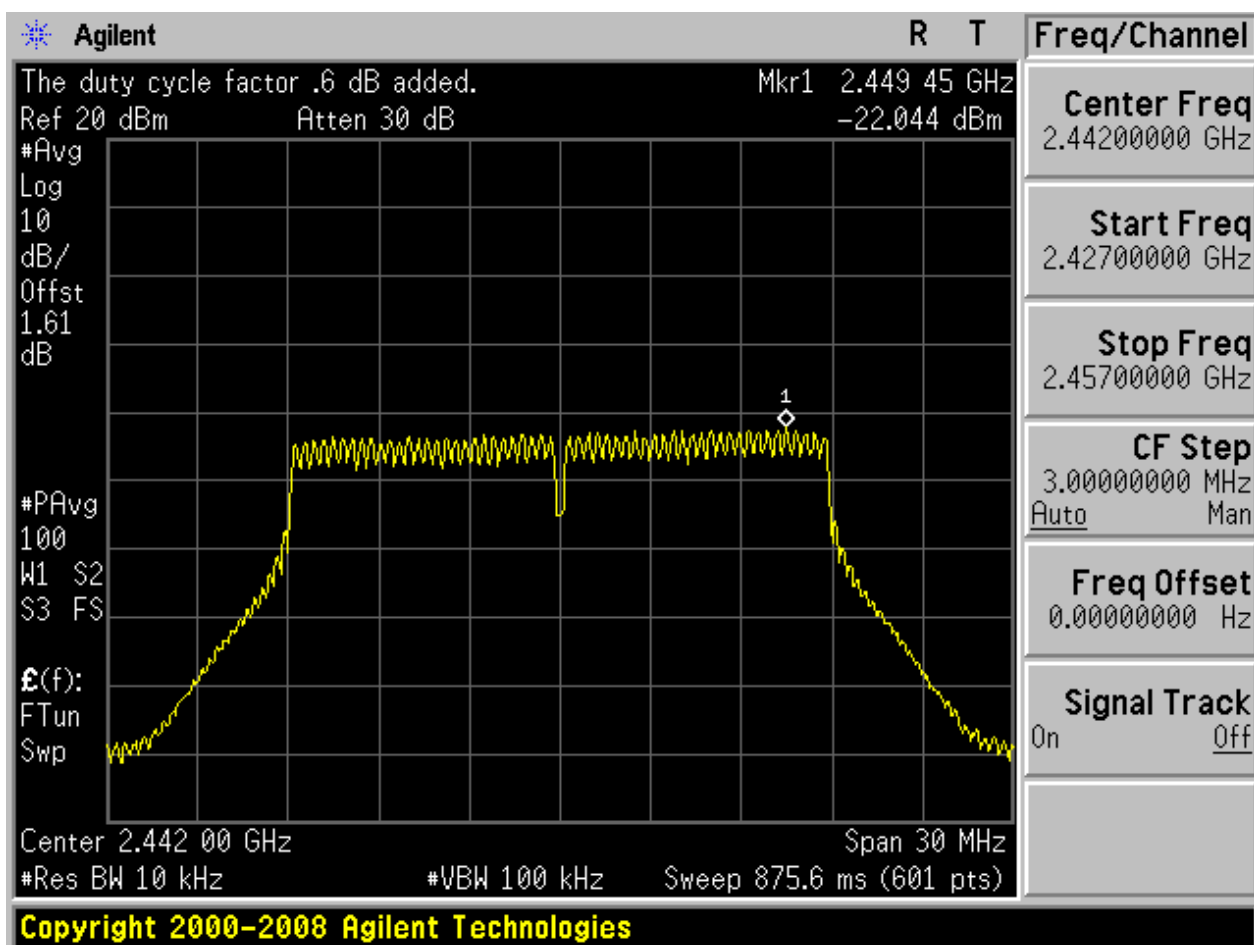


2.17 11N20m_H@Ant 1



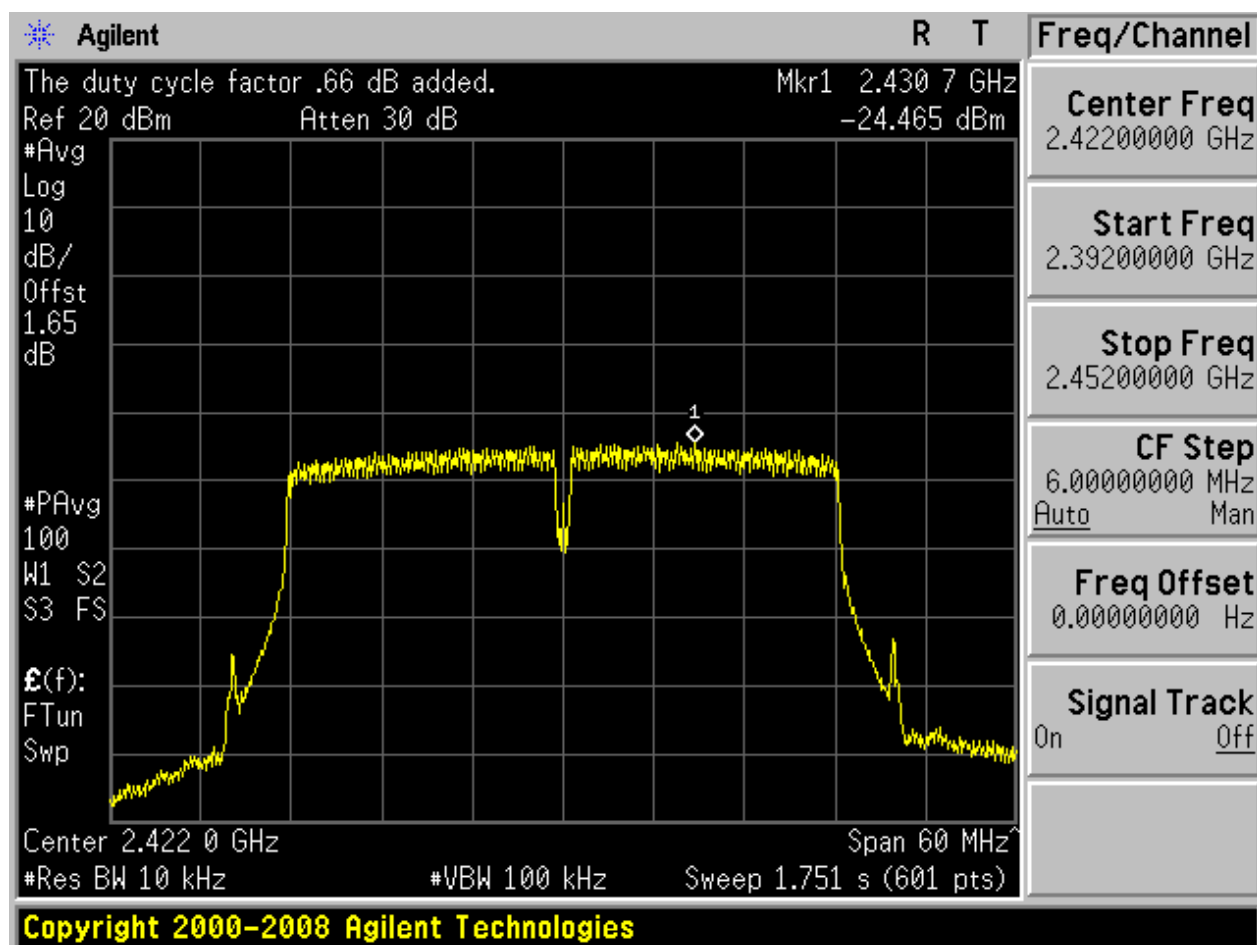


2.18 11N20m_H@Ant 2



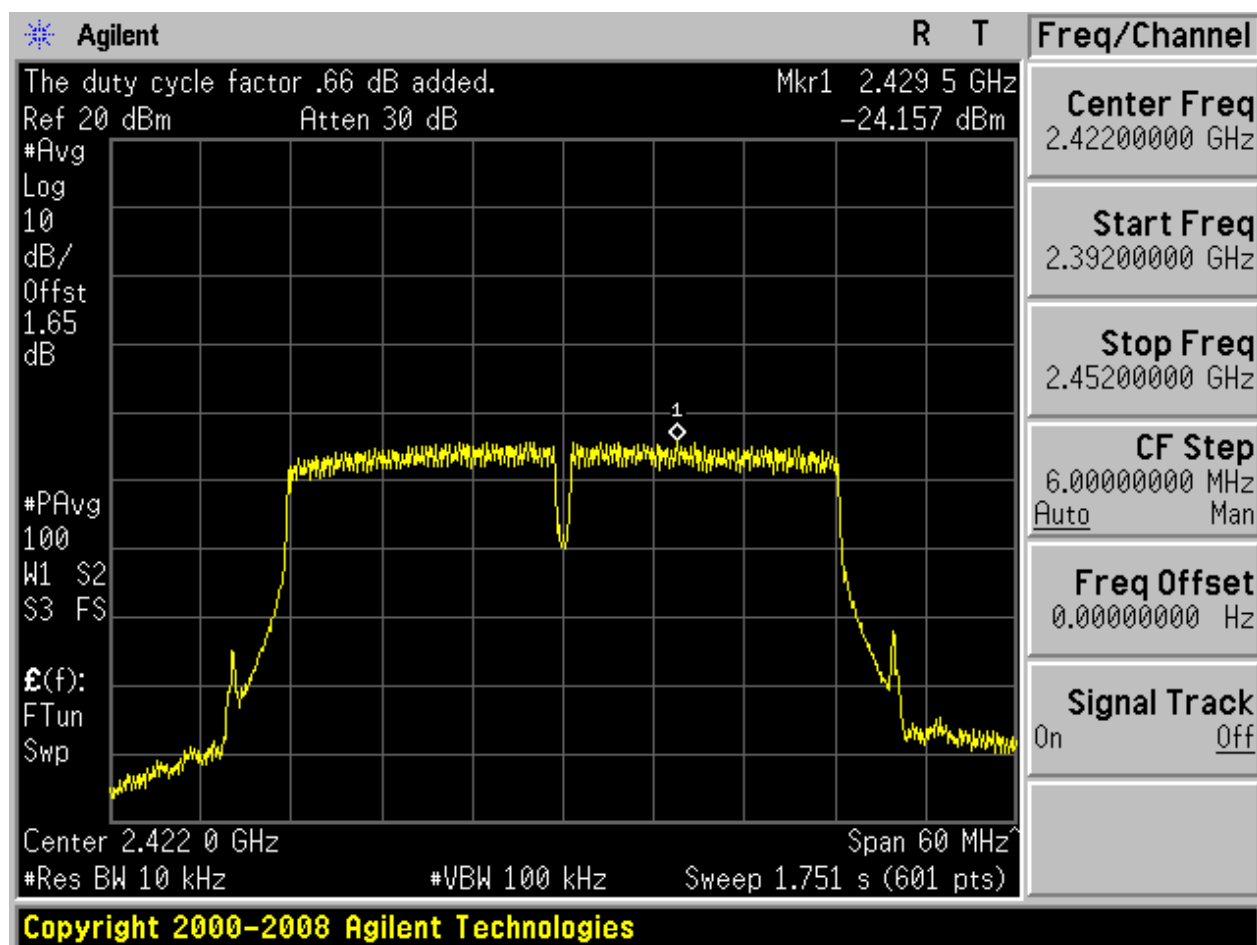


2.19 11N40_L@Ant 1



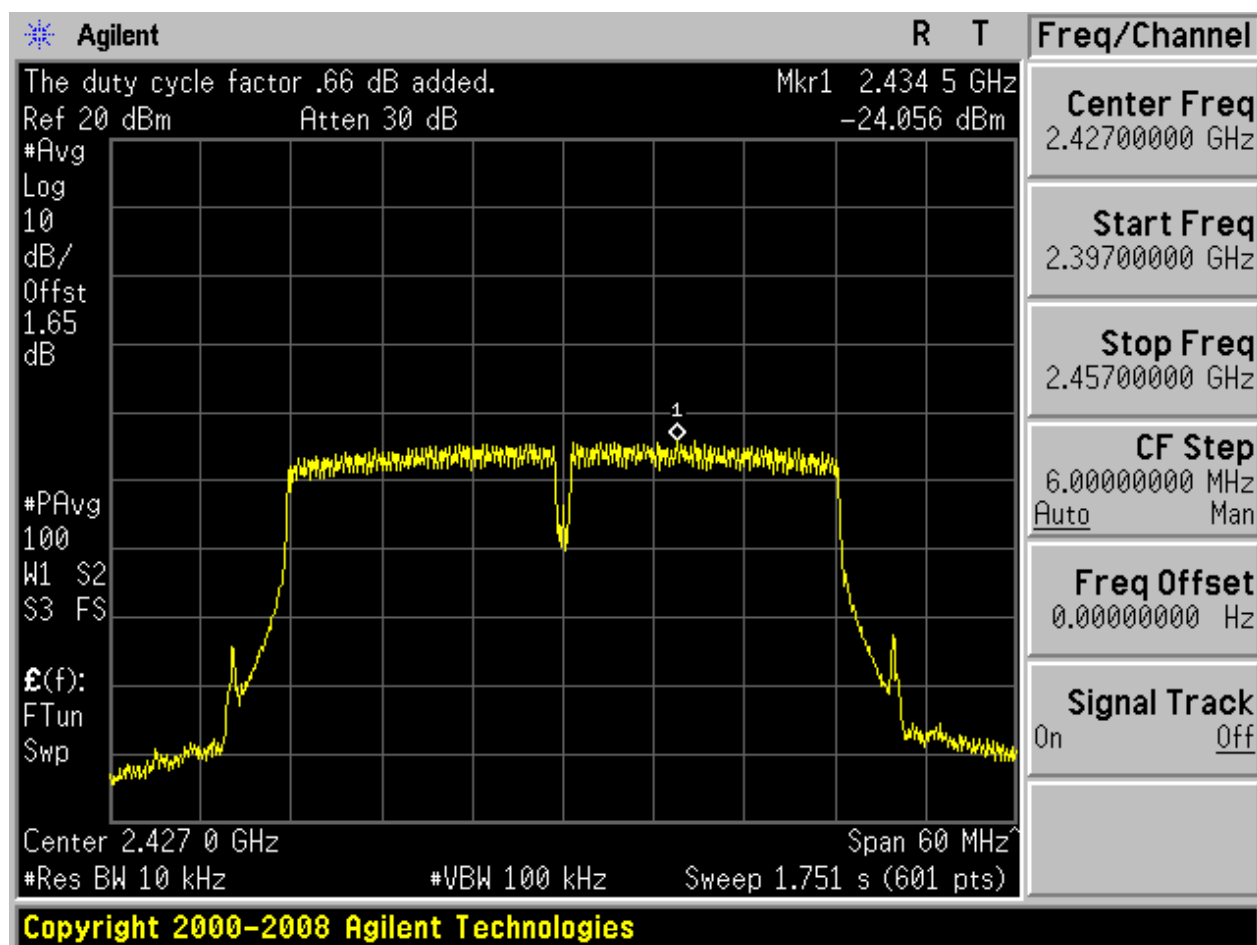


2.20 11N40_L@Ant 2



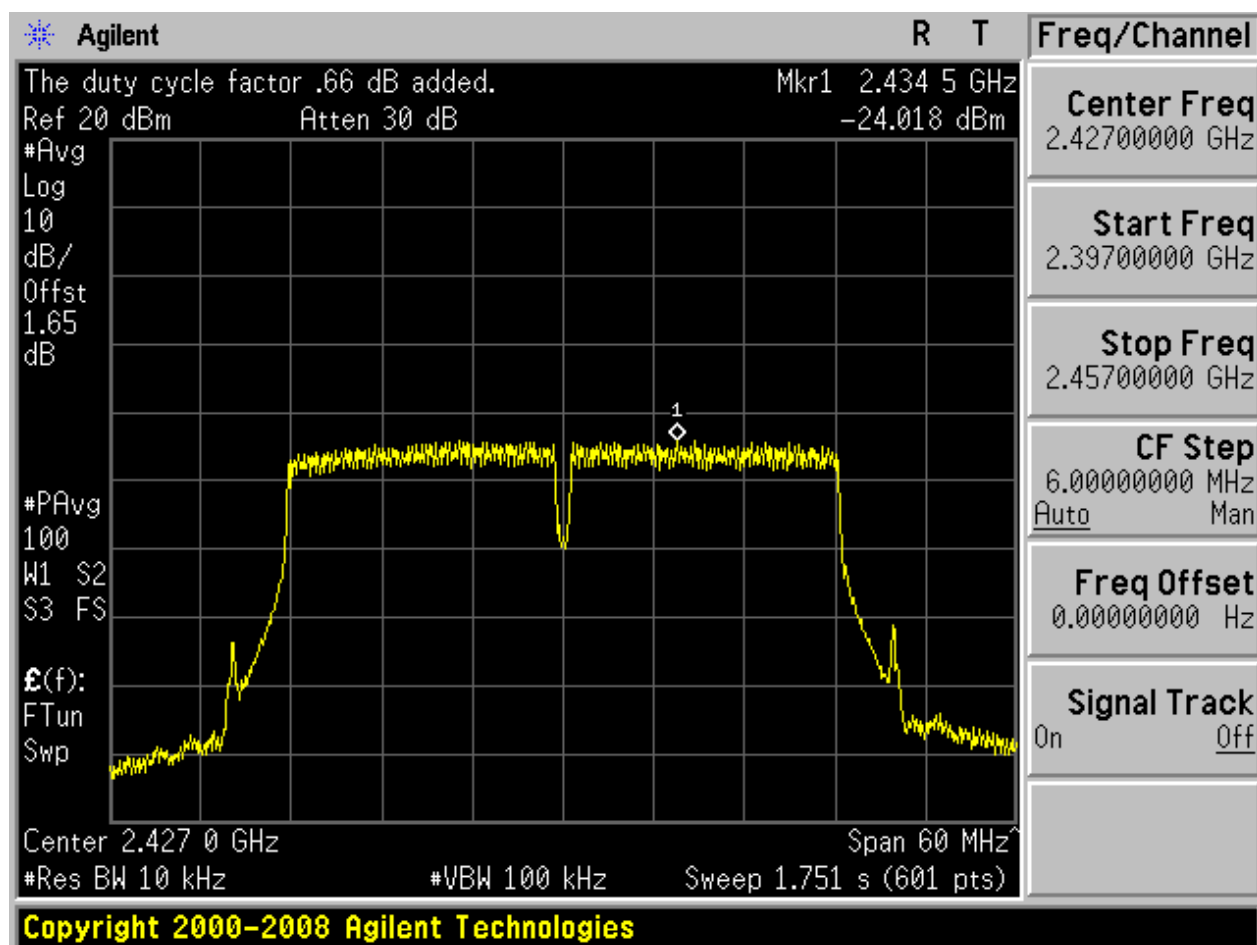


2.21 11N40_M@Ant 1



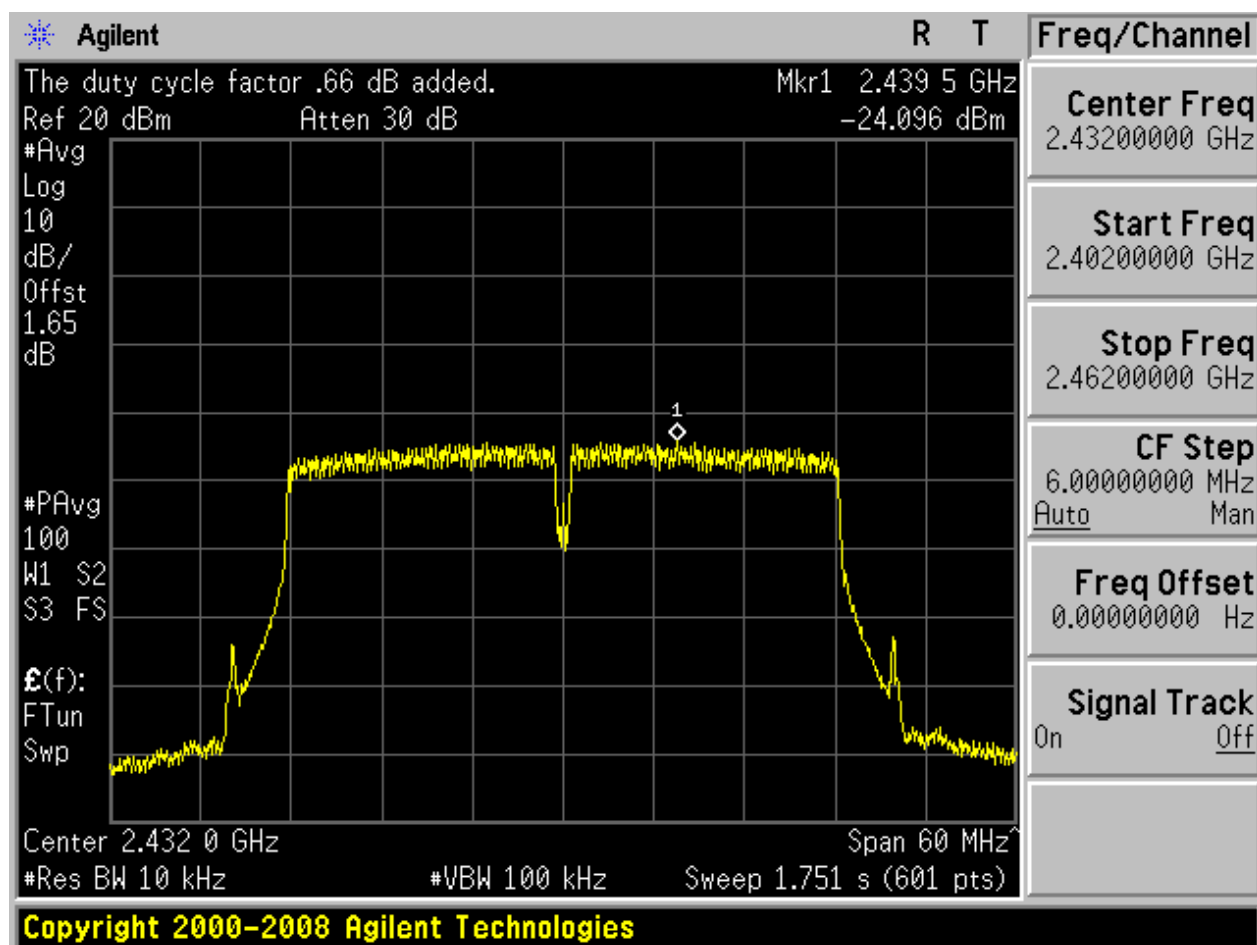


2.22 11N40_M@Ant 2



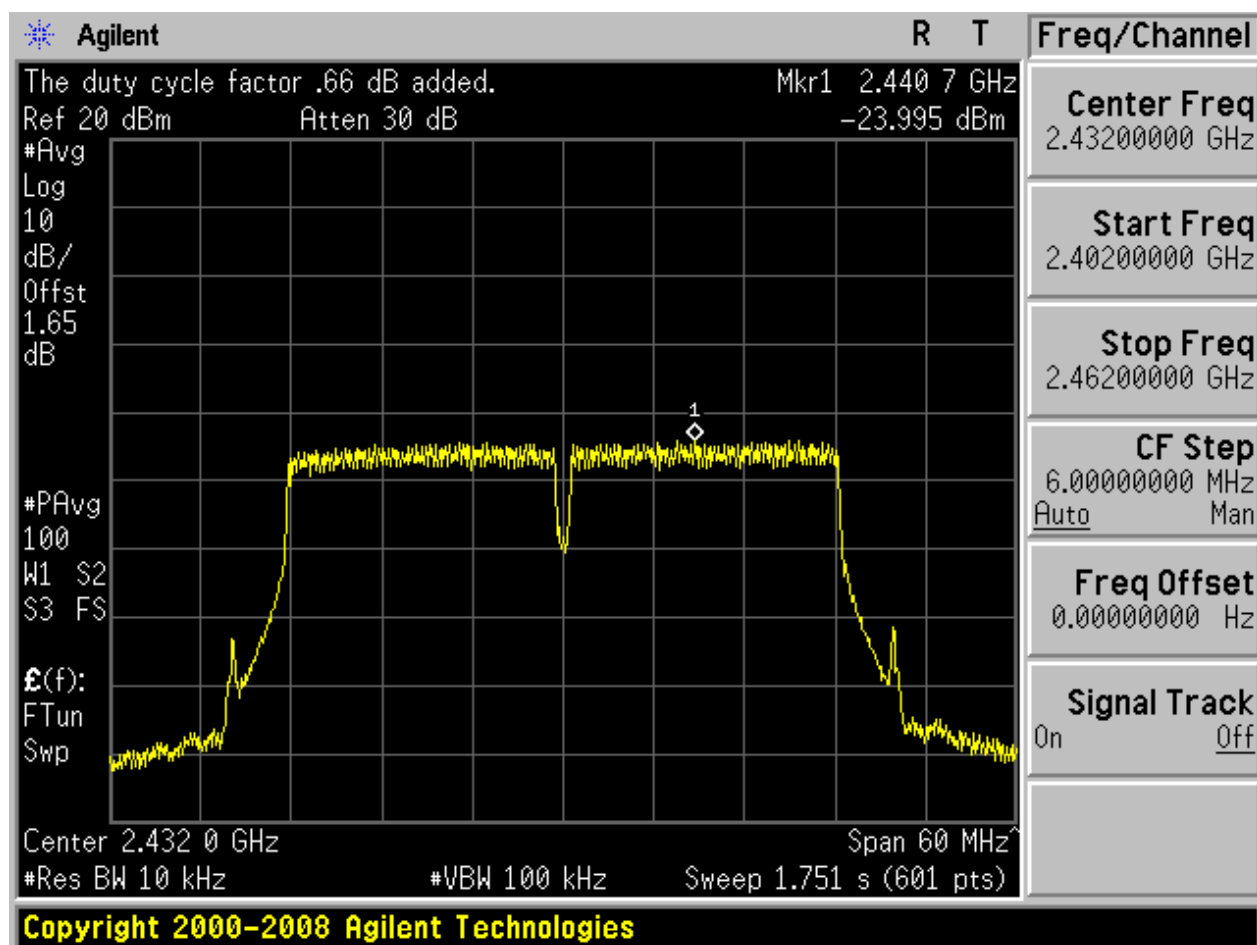


2.23 11N40_H@Ant 1



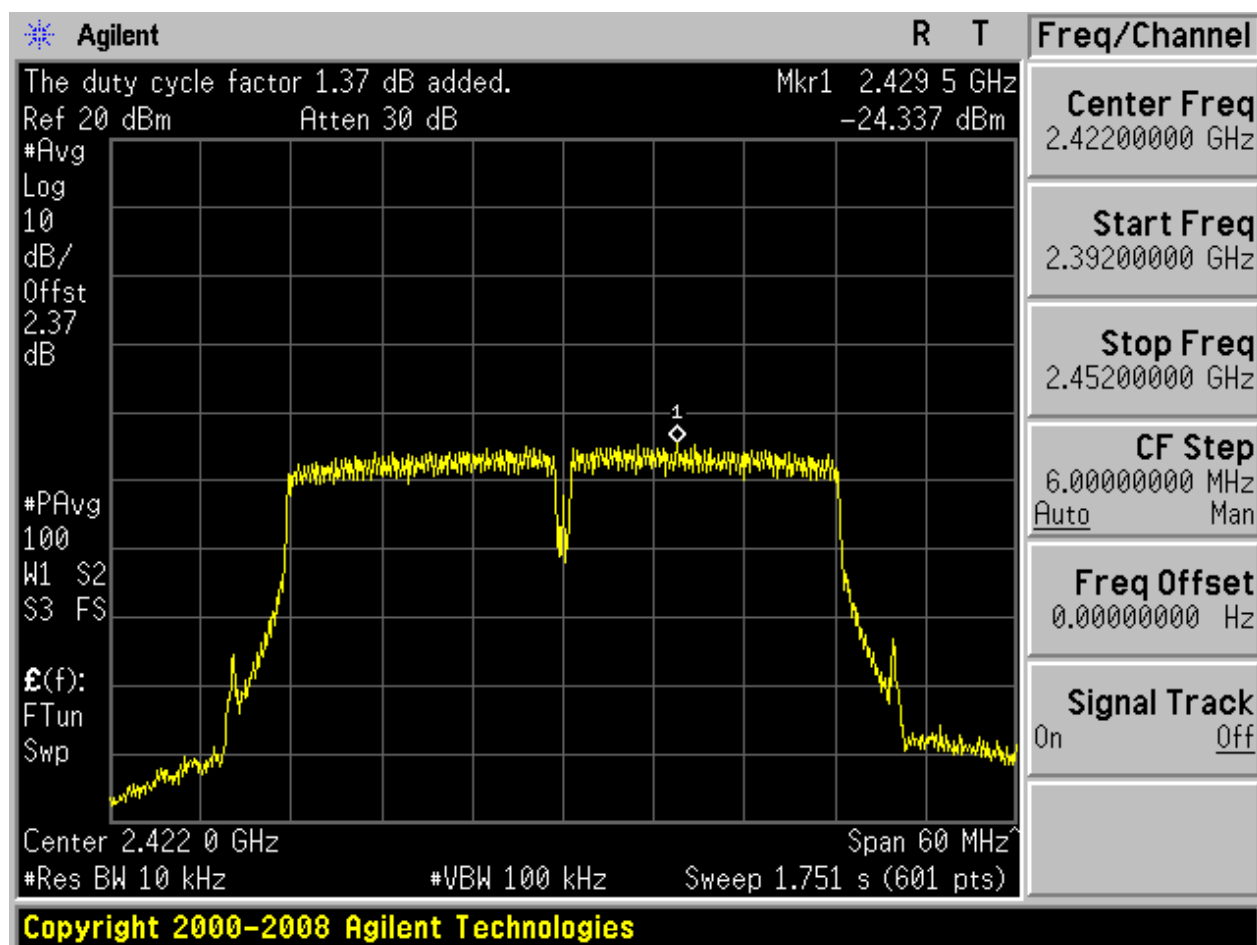


2.24 11N40_H@Ant 2



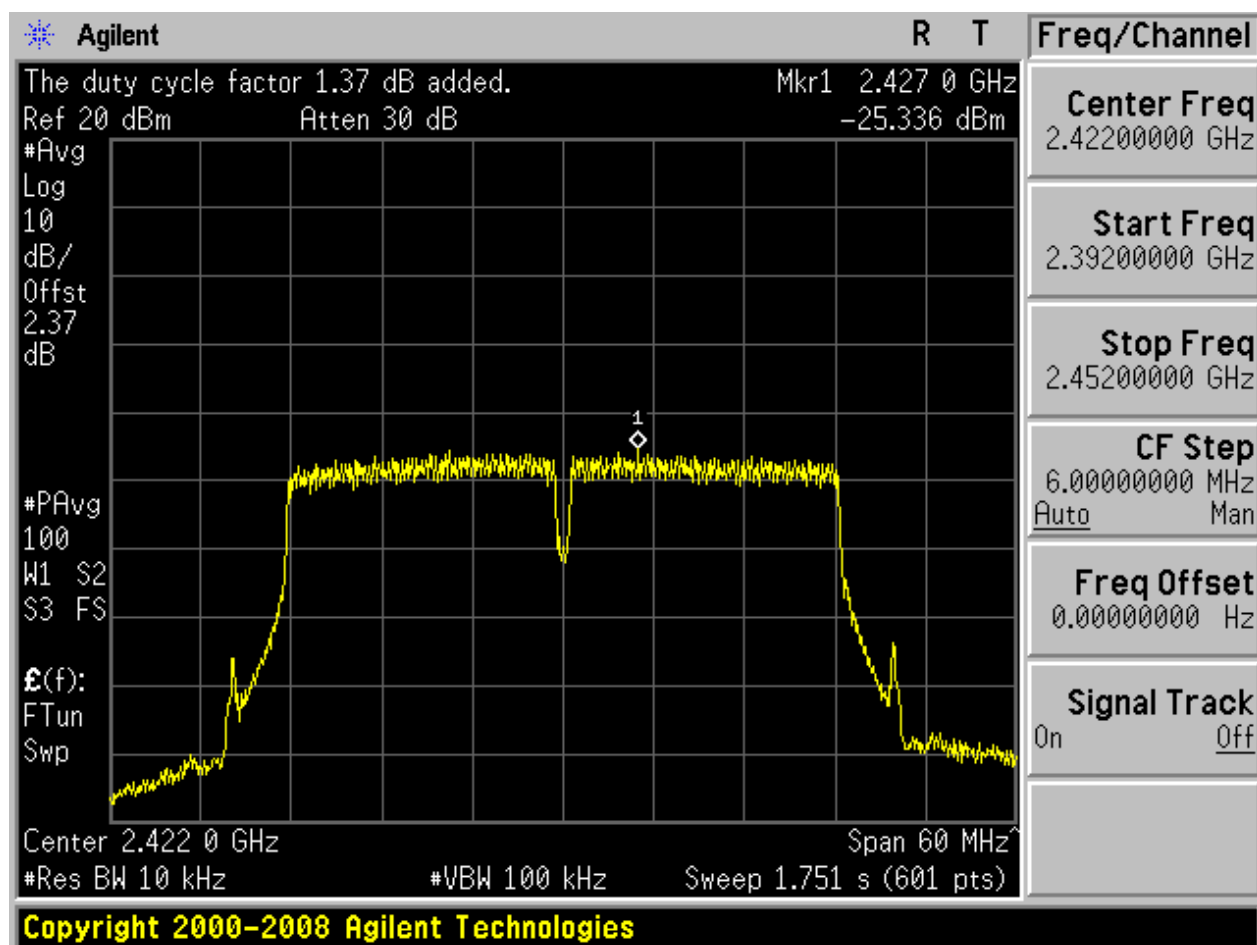


2.31 11N40m_L@Ant 1



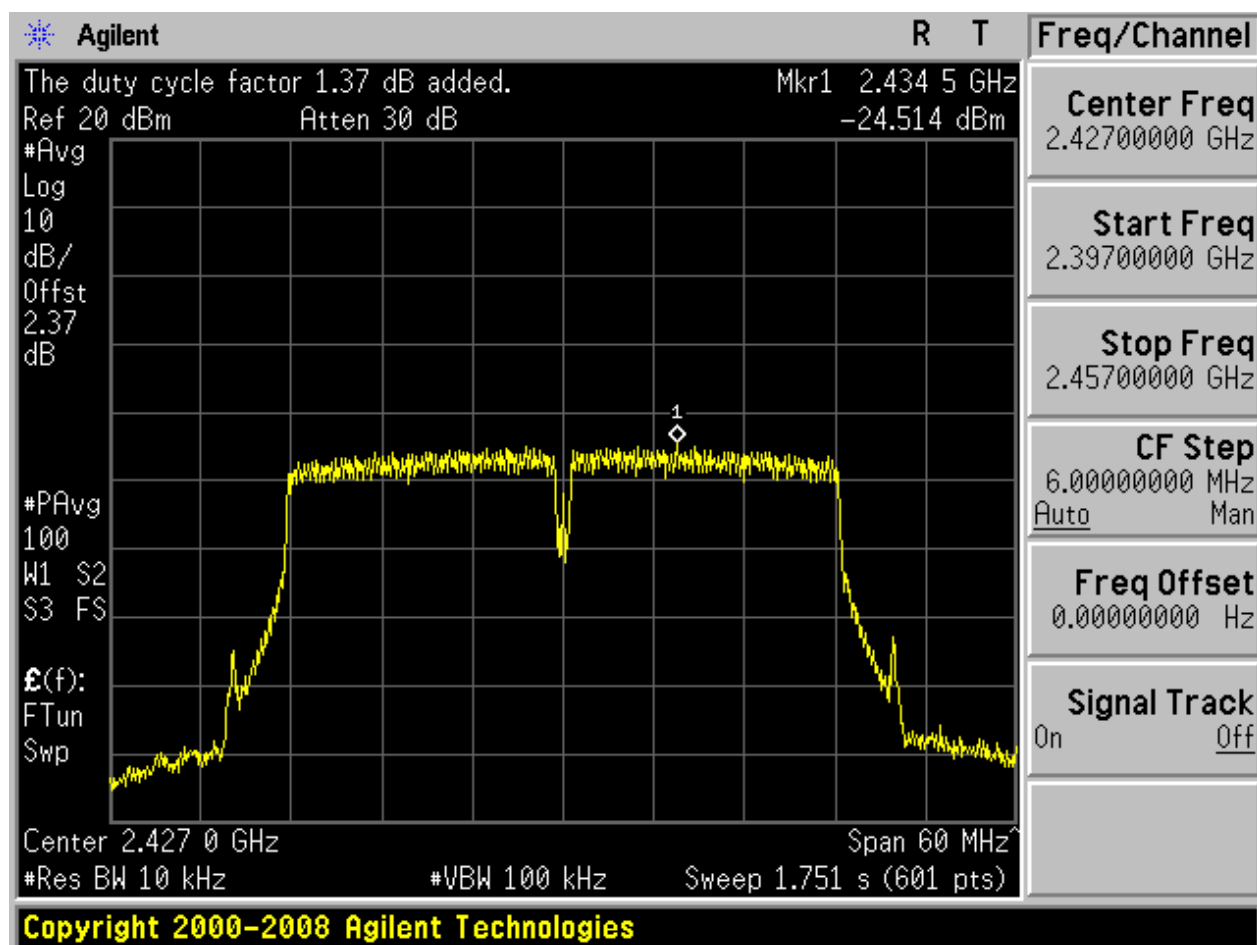


2.32 11N40m_L@Ant 2

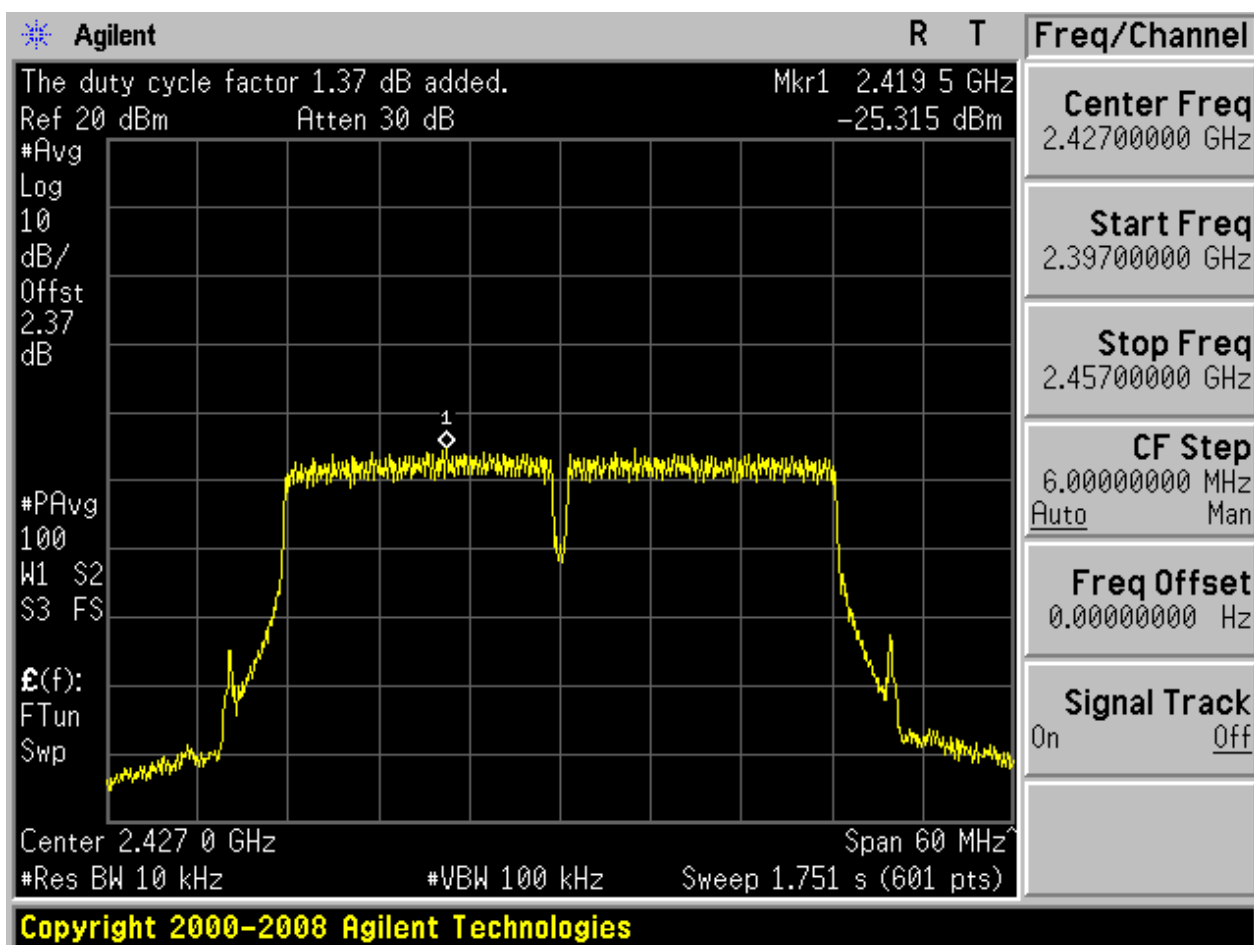




2.33 11N40m_M@Ant 1

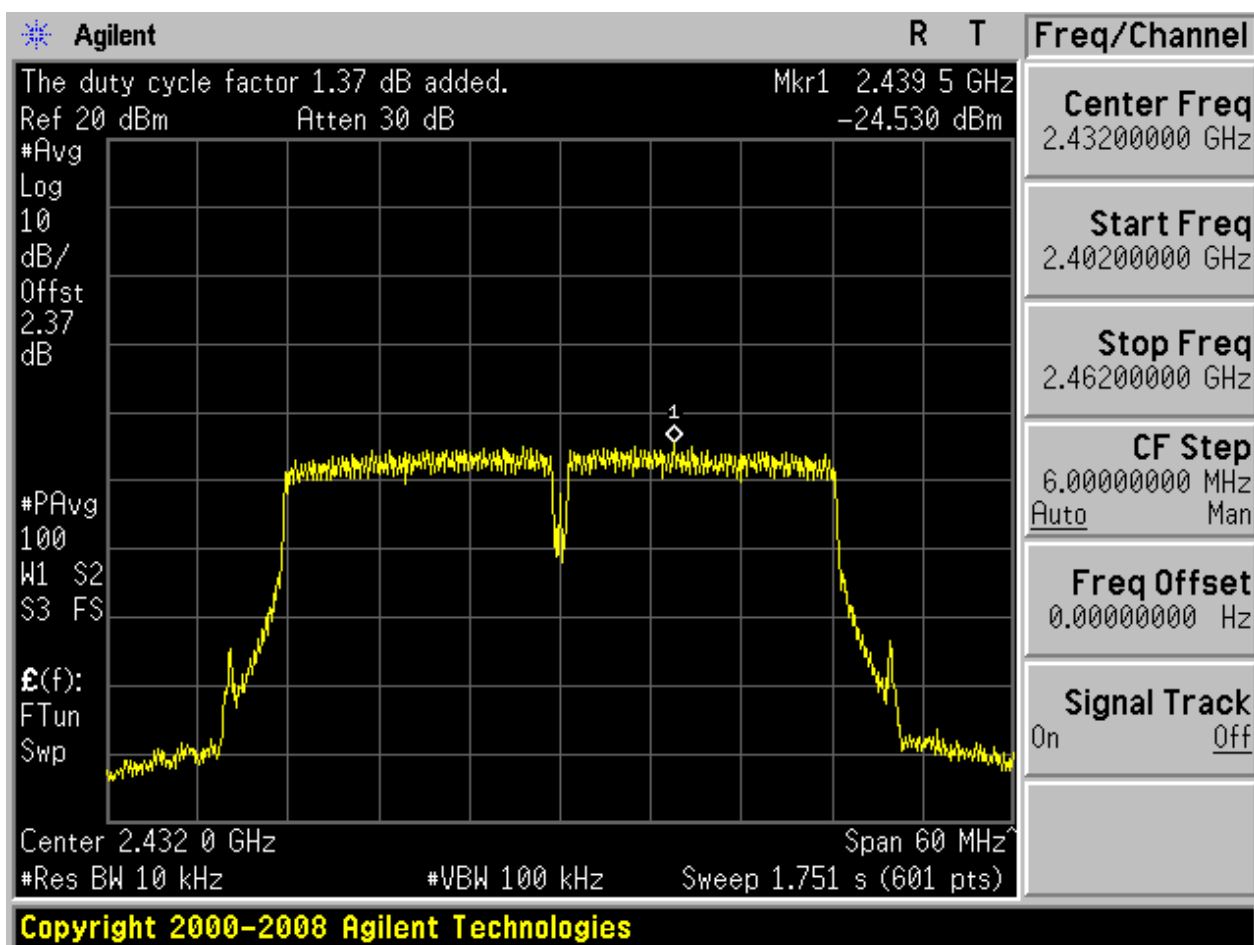


2.34 11N40m_M@Ant 2



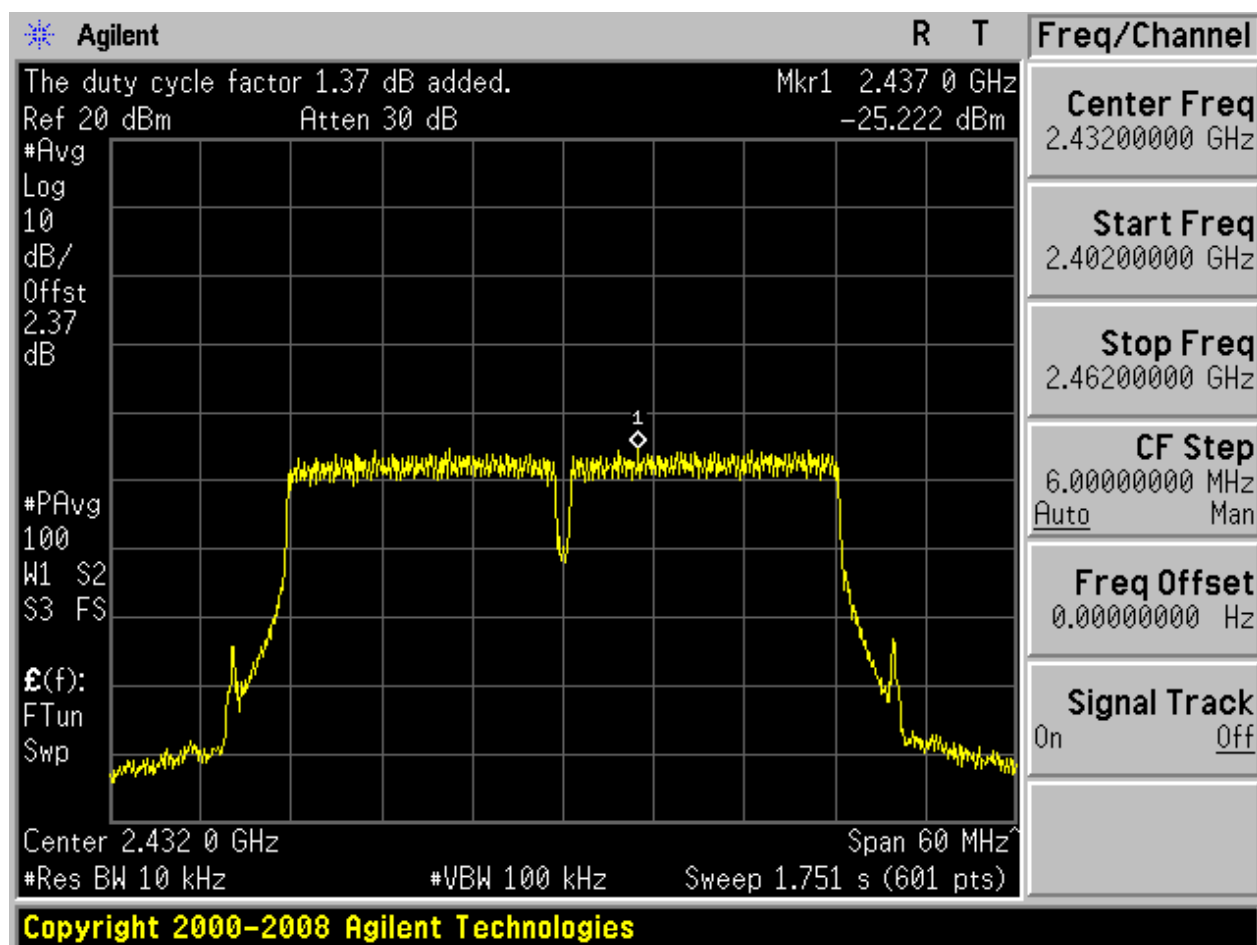


2.35 11N40m_H@Ant 1





2.36 11N40m_H@Ant 2



Appendix E: Band Edges Compliance

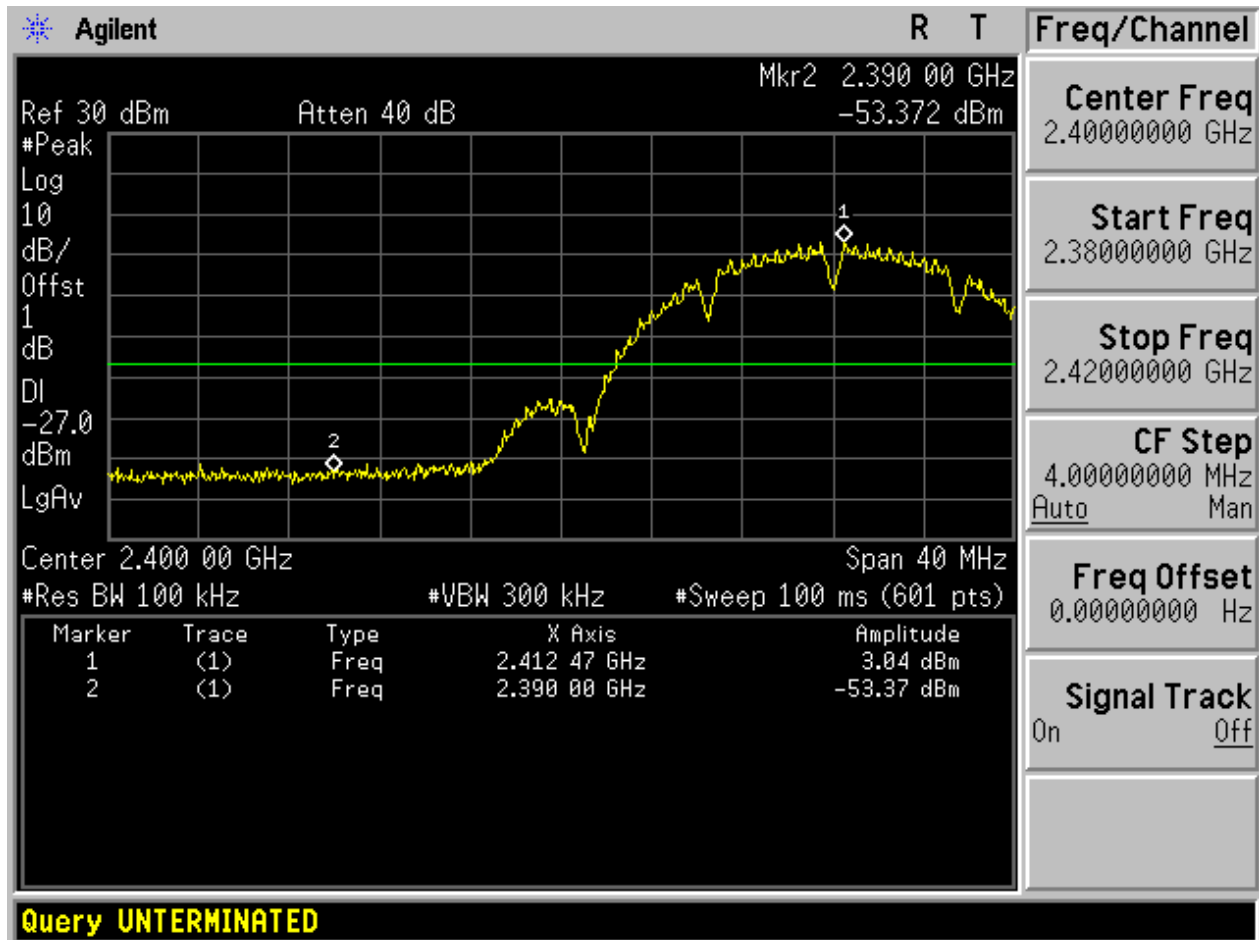
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	Carrier Power[dBm]	Max.Spurious Level[dBm]	Verdict
11B	L	2412	Ant 1	3.04	-53.37	pass
11B	L	2412	Ant 2	3.24	-54.39	pass
11B	H	2442	Ant 1	2.96	-53.14	pass
11B	H	2442	Ant 2	3.91	-54.99	pass
11G	L	2412	Ant 1	-2.15	-51.86	pass
11G	L	2412	Ant 2	-0.22	-55.29	pass
11G	H	2442	Ant 1	-1.47	-55.06	pass
11G	H	2442	Ant 2	0.45	-53.03	pass
11N20	L	2412	Ant 1	-3.96	-54.26	pass
11N20	L	2412	Ant 2	-2.19	-54.35	pass
11N20	H	2442	Ant 1	-3.2	-54.08	pass
11N20	H	2442	Ant 2	-2.61	-52.53	pass
11N20m	L	2412	Ant 1	-4.67	-54.89	pass
11N20m	L	2412	Ant 2	-4.11	-53.30	pass
11N20m	H	2442	Ant 1	-4.43	-53.54	pass
11N20m	H	2442	Ant 2	-4.11	-54.06	pass
11N40	L	2422	Ant 1	-6.12	-54.52	pass
11N40	L	2422	Ant 2	-5.28	-53.41	pass
11N40	H	2432	Ant 1	-5.68	-52.42	pass
11N40	H	2432	Ant 2	-5.62	-53.64	pass
11N40m	L	2422	Ant 1	-6.91	-54.10	pass
11N40m	L	2422	Ant 2	-6.66	-53.73	pass
11N40m	H	2432	Ant 1	-6.74	-53.83	pass
11N40m	H	2432	Ant 2	-7.35	-53.26	pass



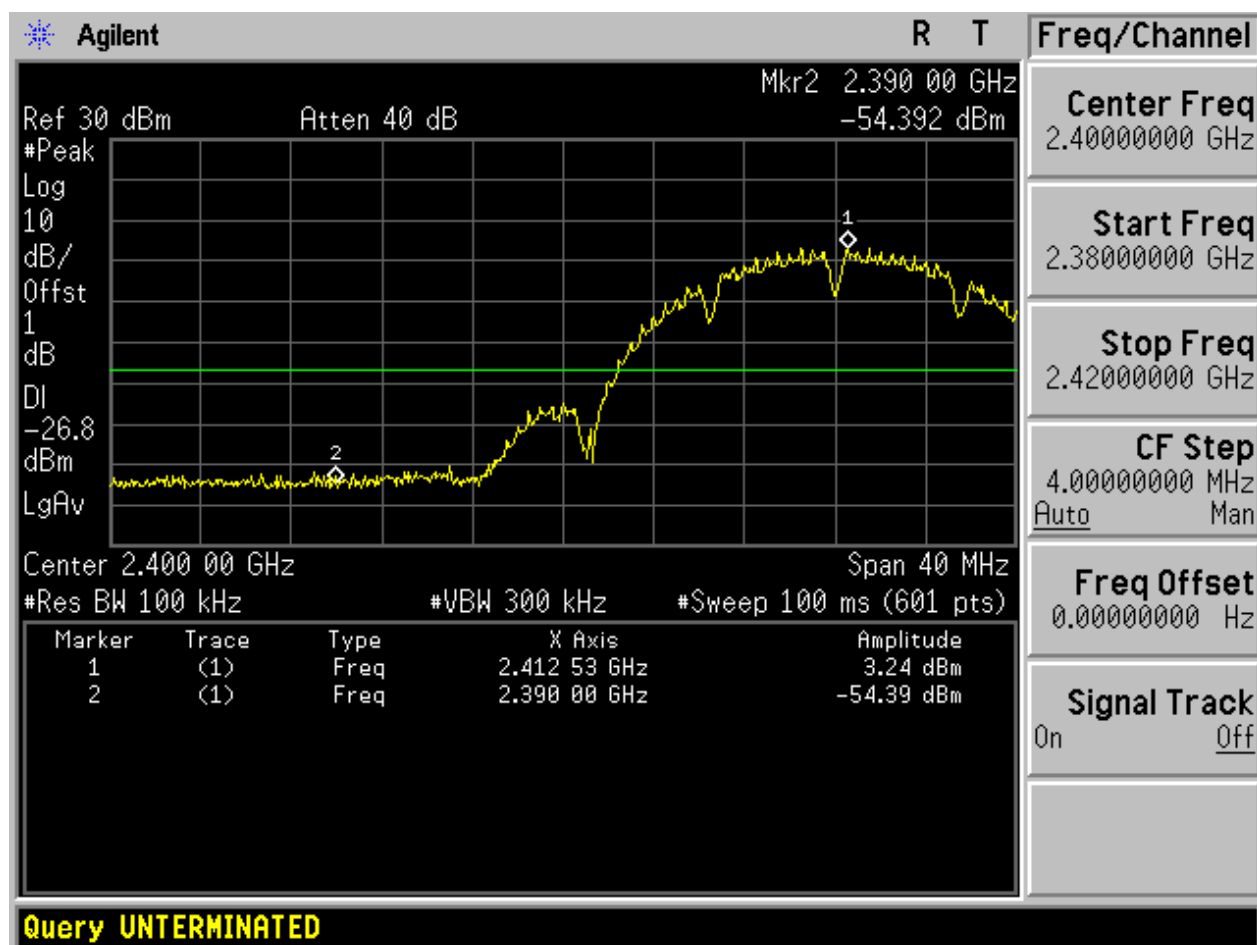
Part II - Test Plots

2.1 11B_L@Ant 1

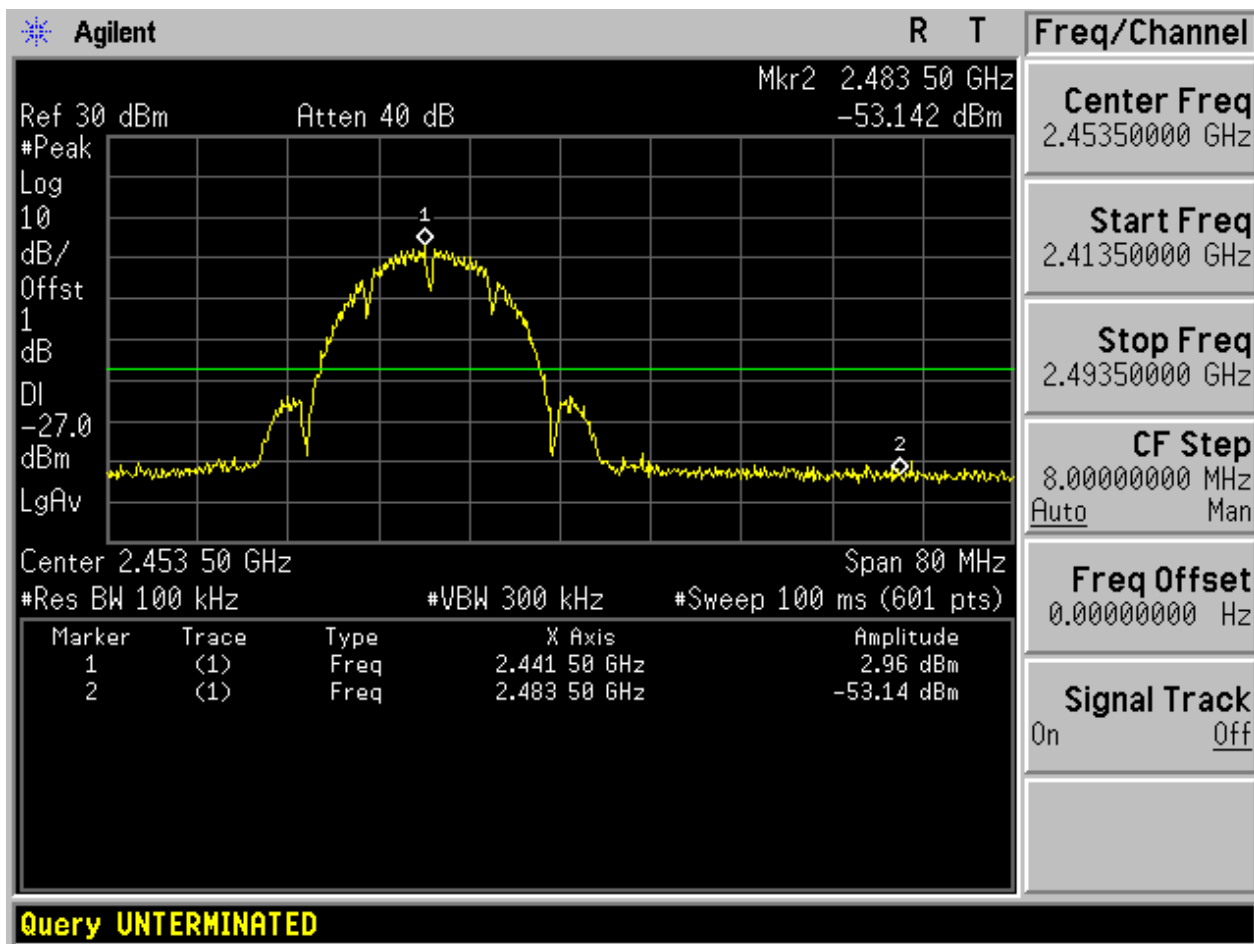




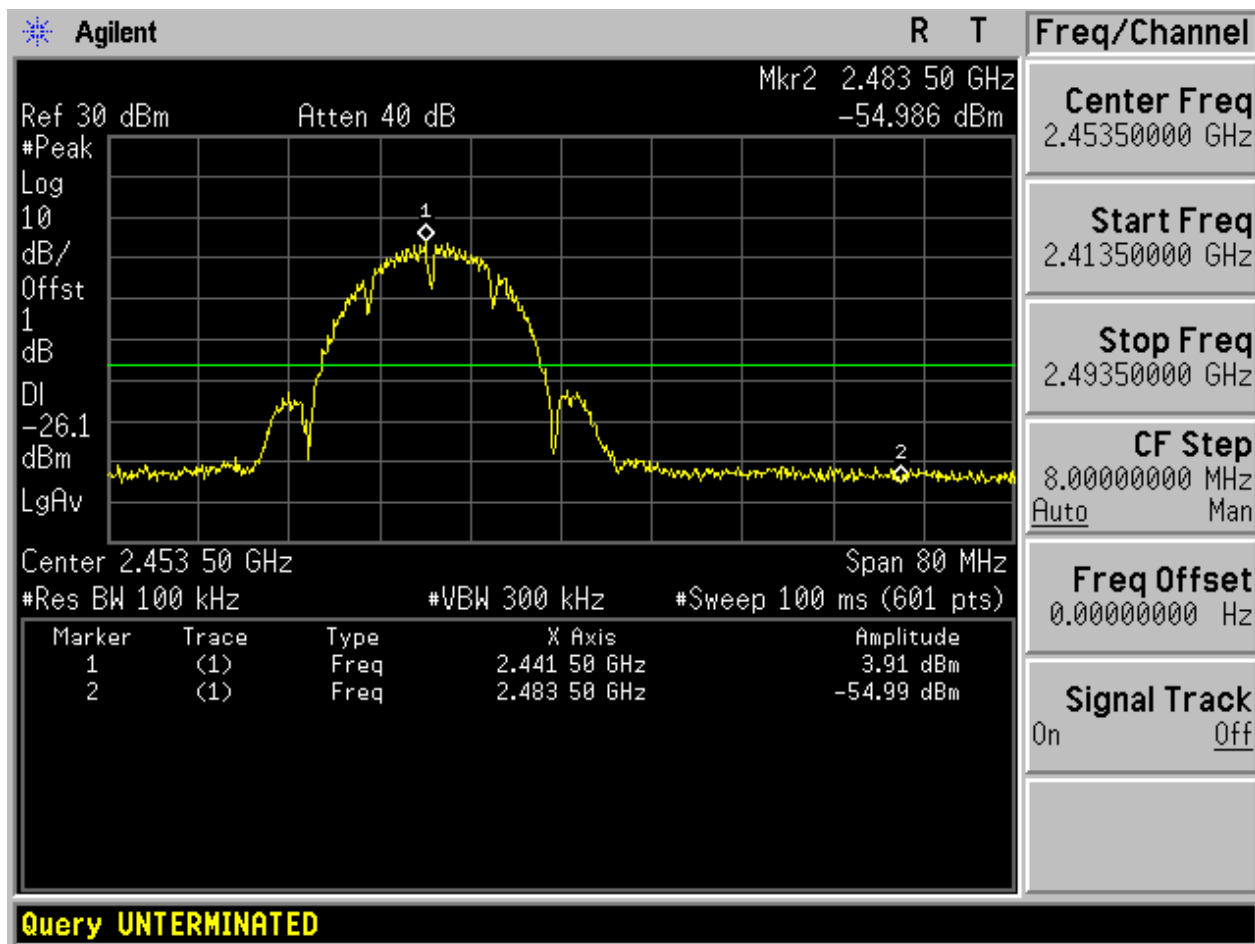
2.2 11B_L@Ant 2



2.3 11B_H@Ant 1

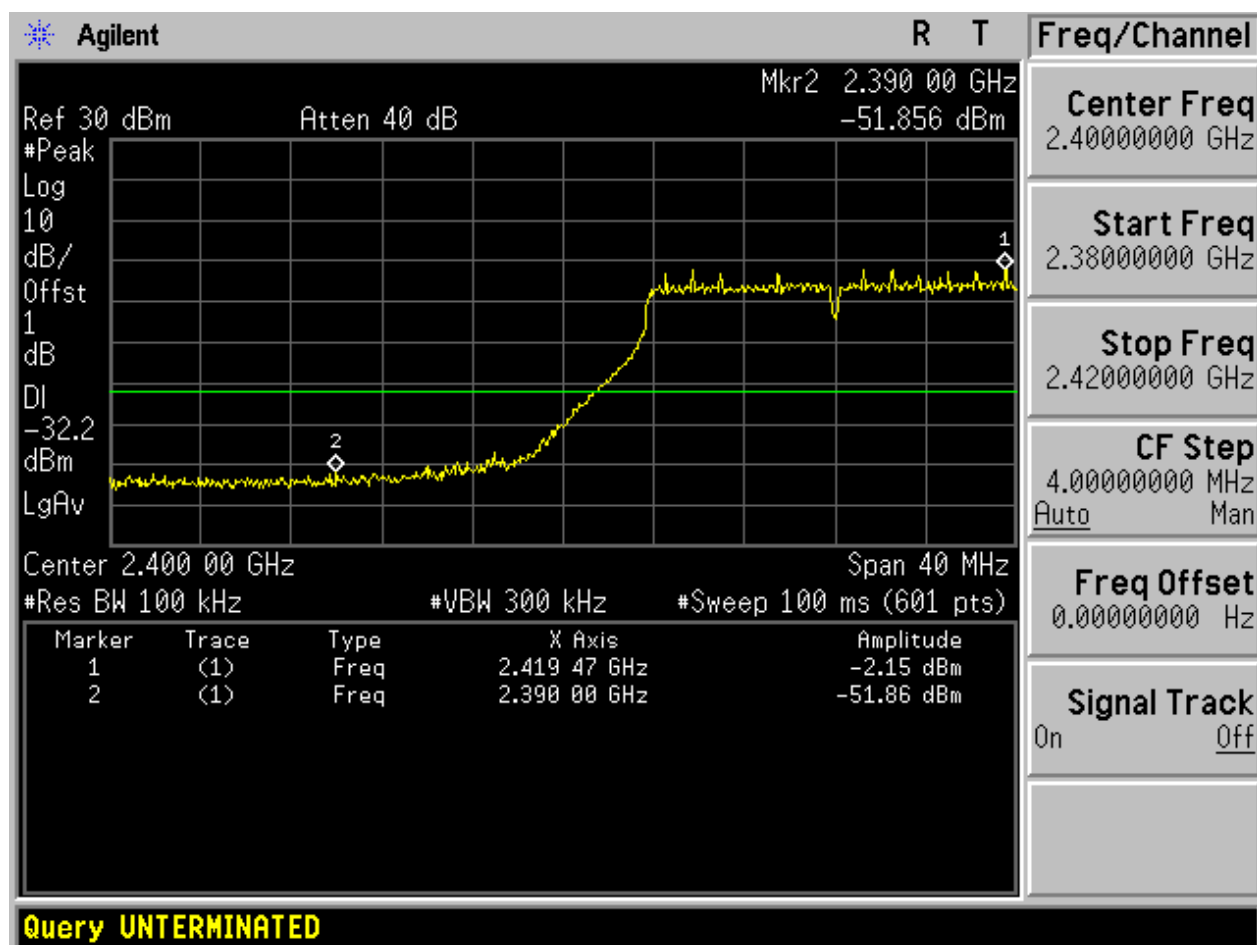


2.4 11B_H@Ant 2



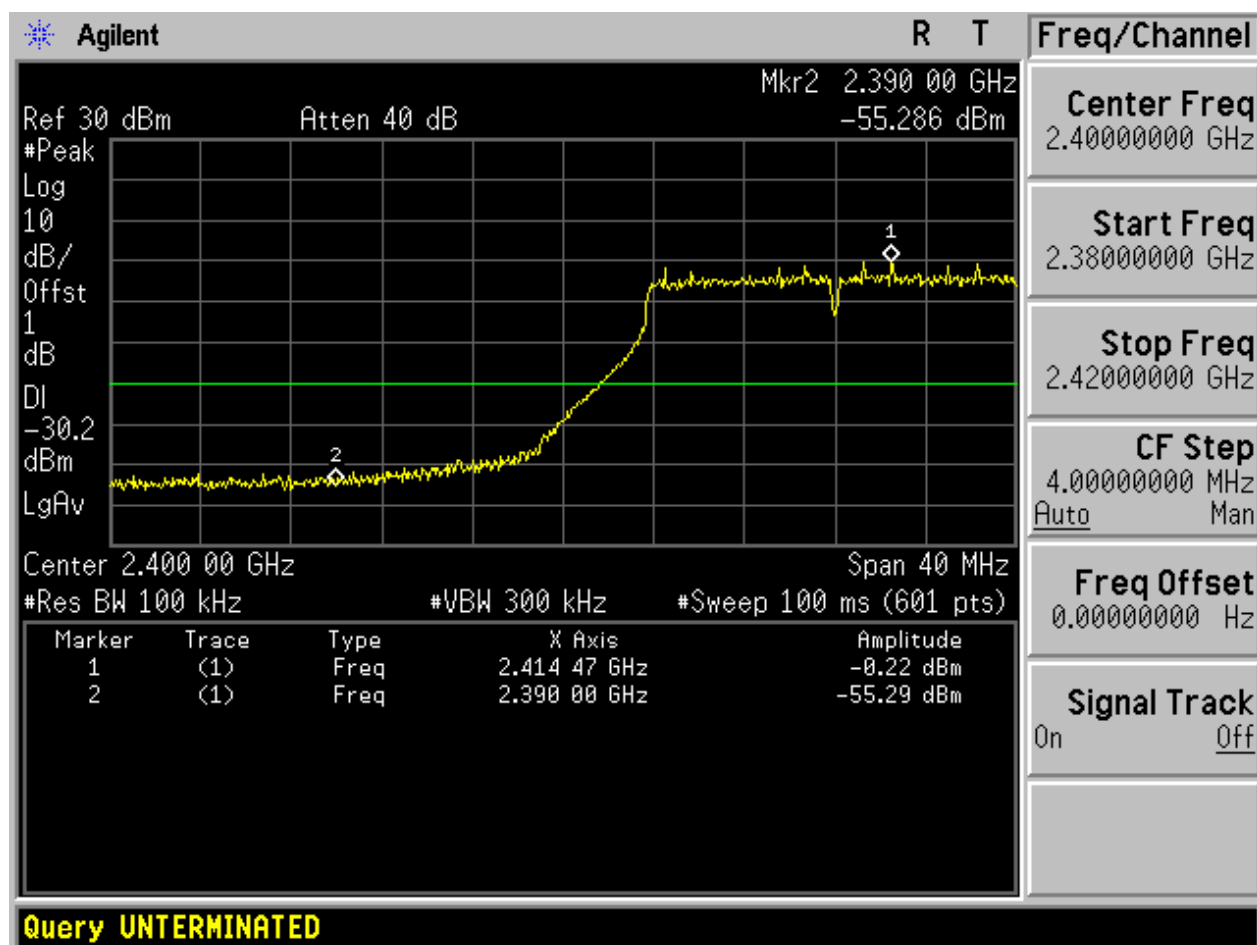


2.5 11G_L@Ant 1



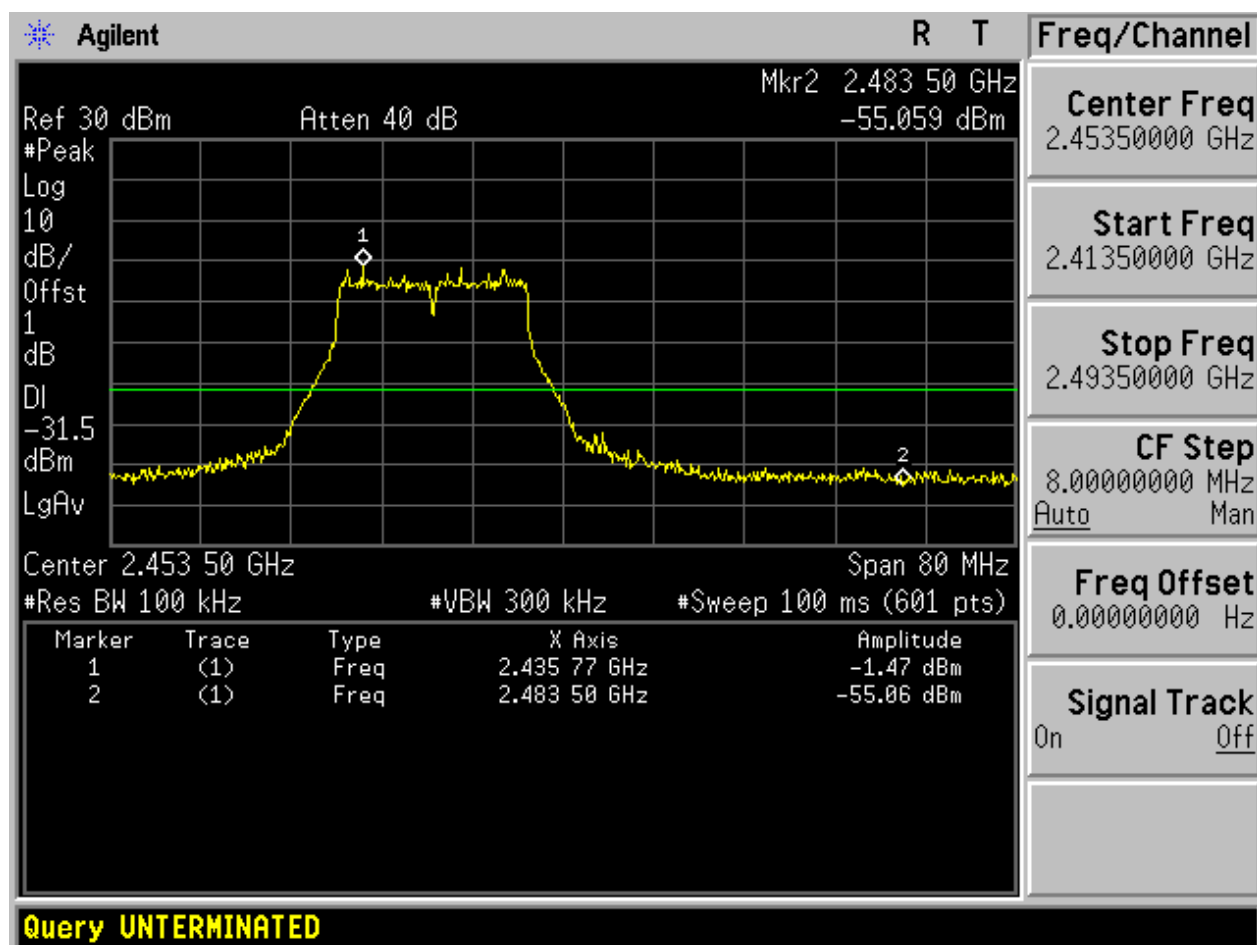


2.6 11G_L@Ant 2

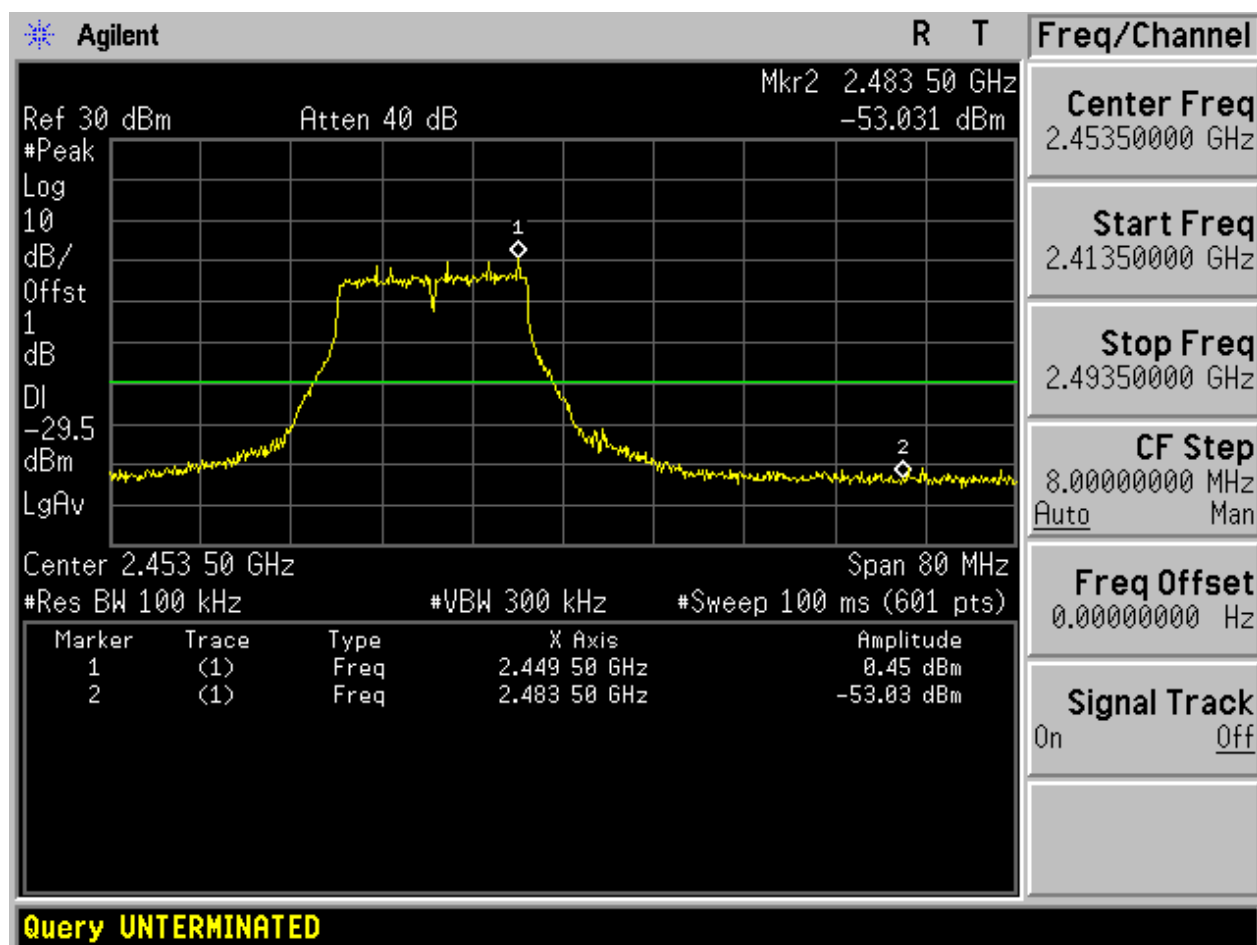




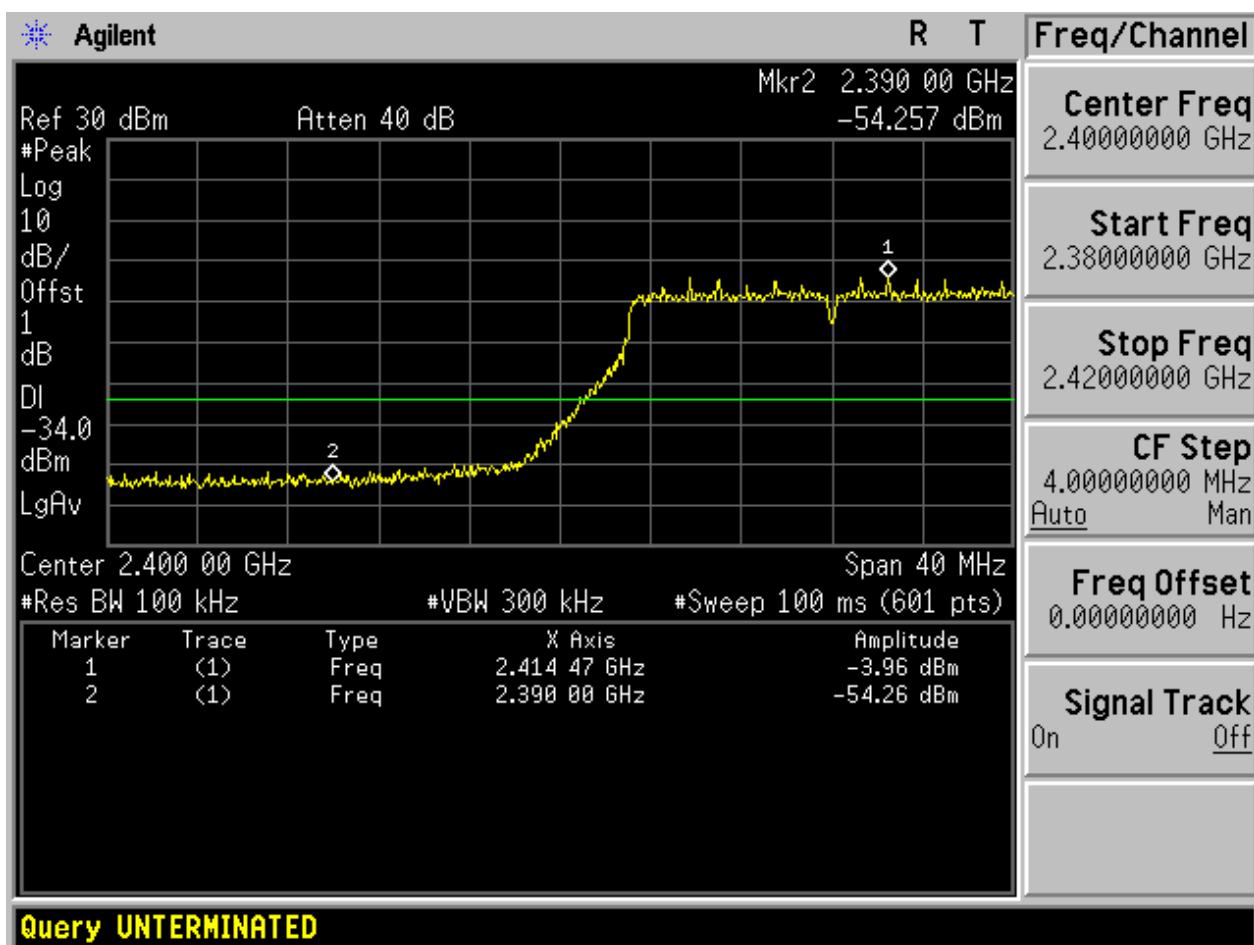
2.7 11G_H@Ant 1



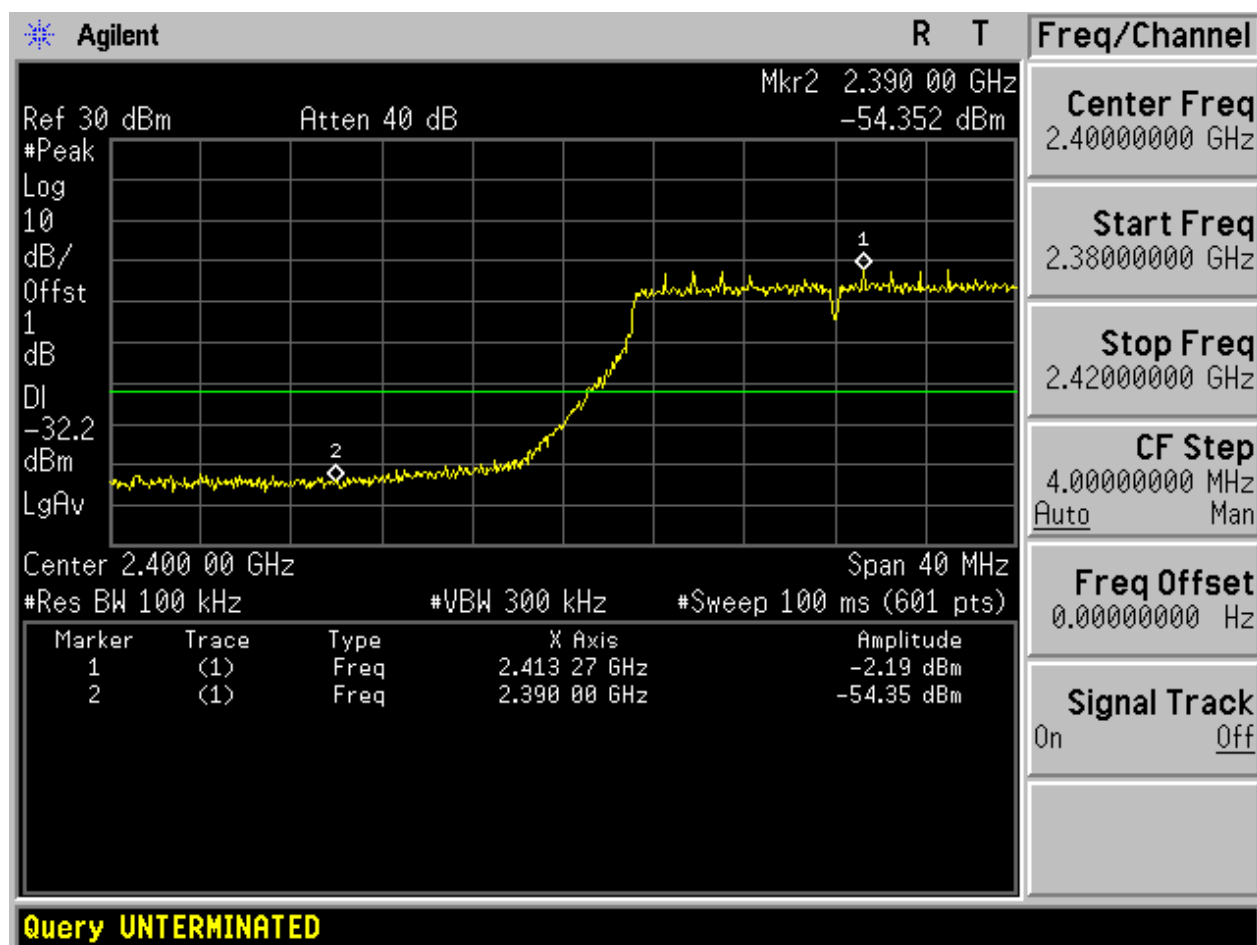
2.8 11G_H@Ant 2



2.9 11N20_L@Ant 1

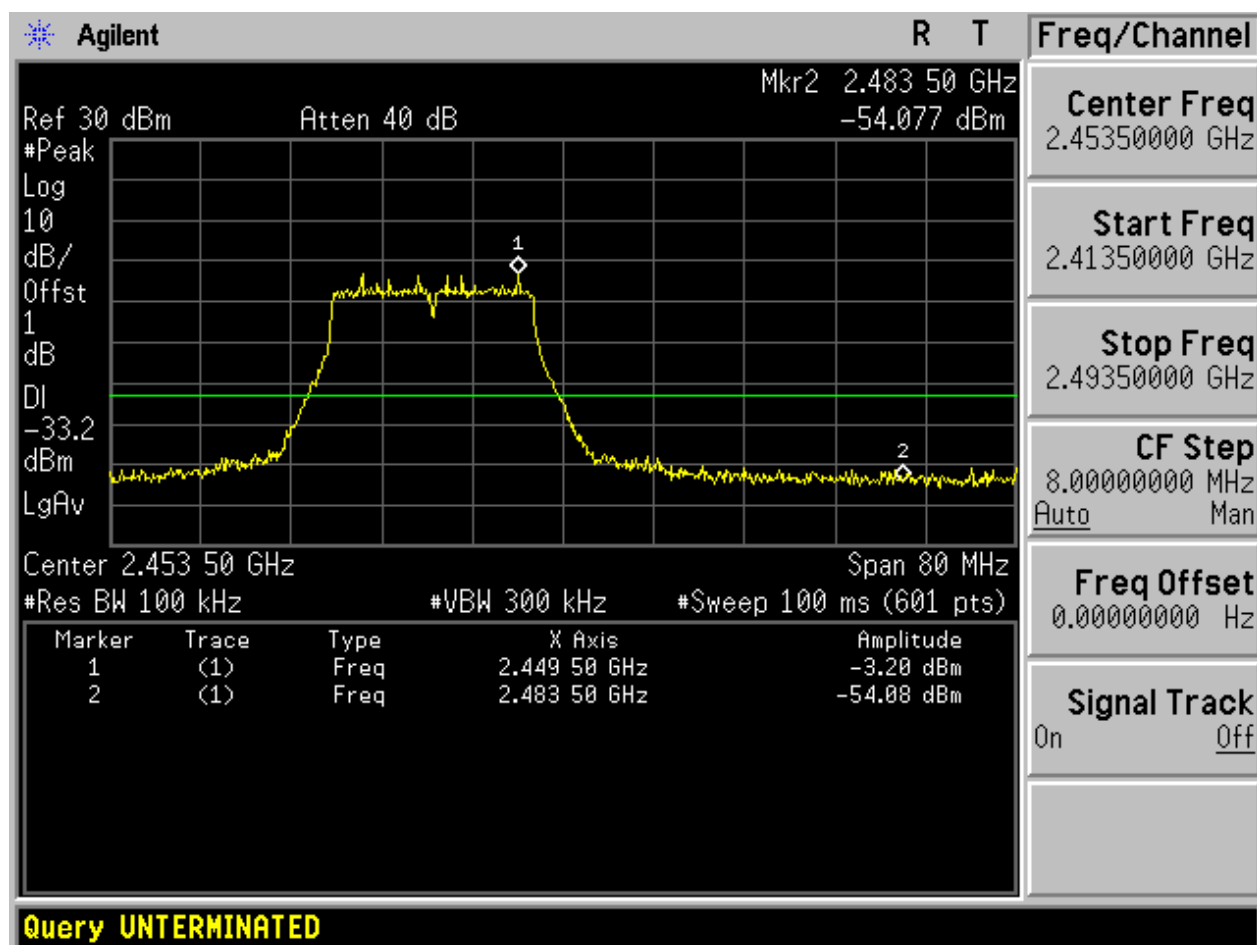


2.10 11N20_L@Ant 2



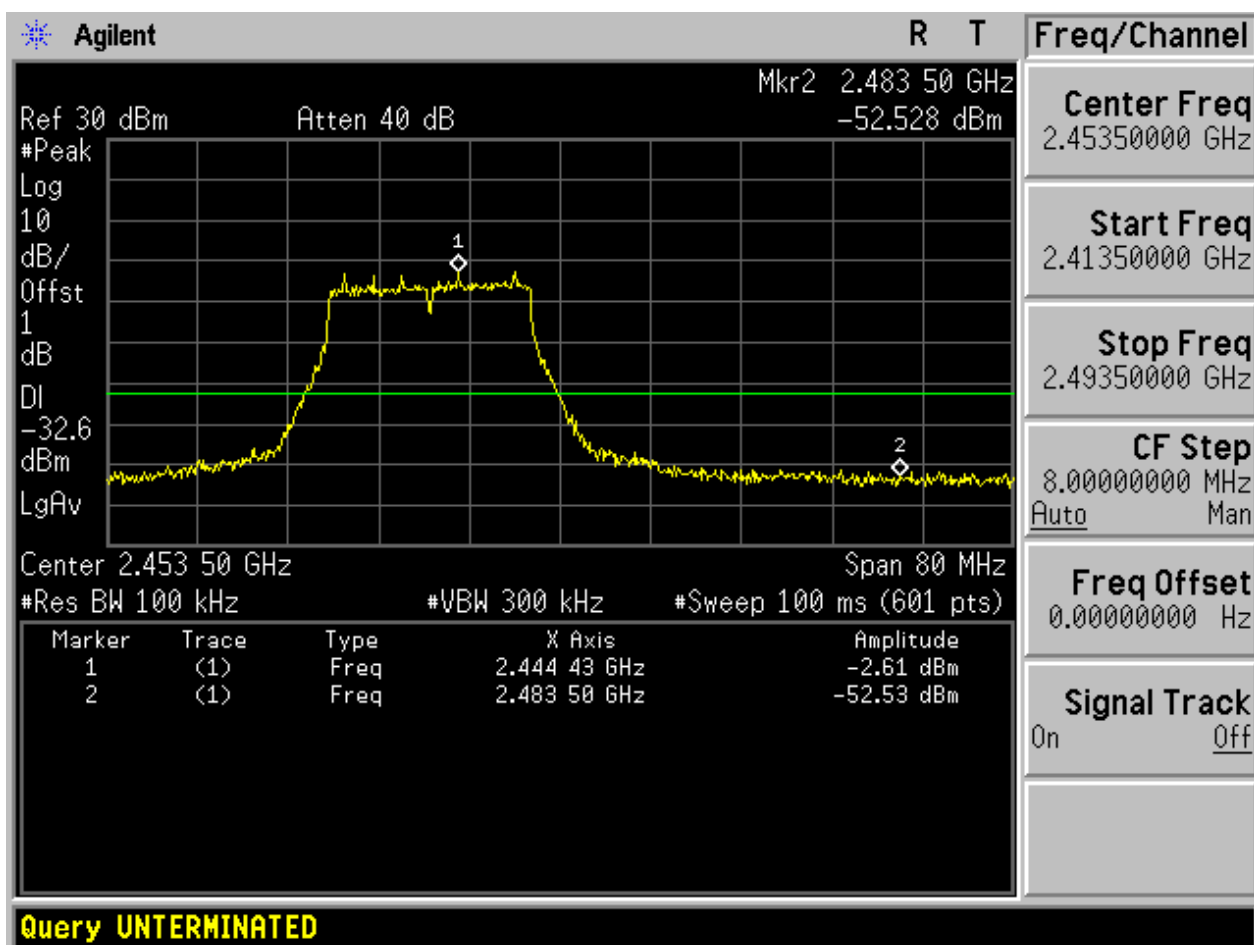


2.11 11N20_H@Ant 1



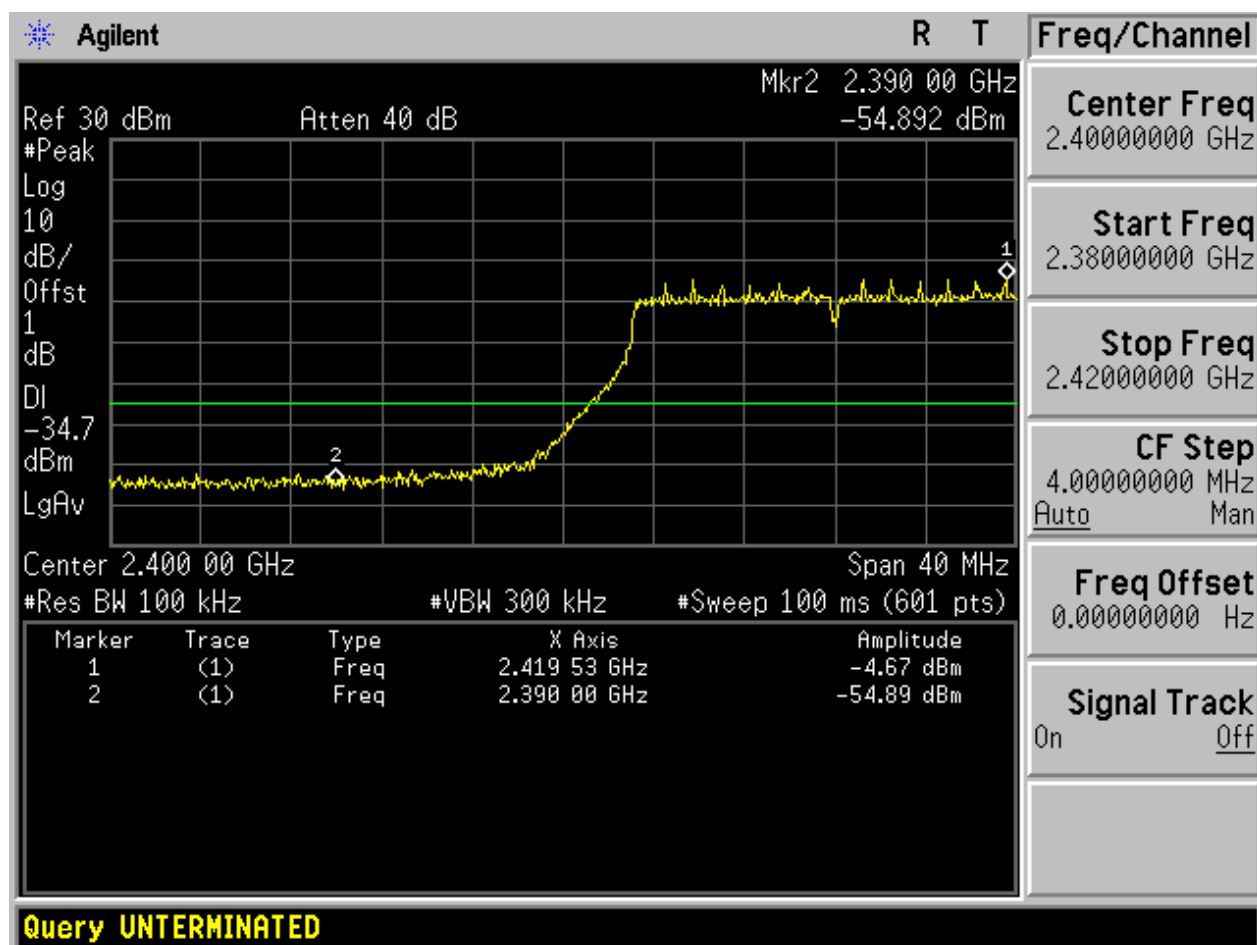


2.12 11N20_H@Ant 2

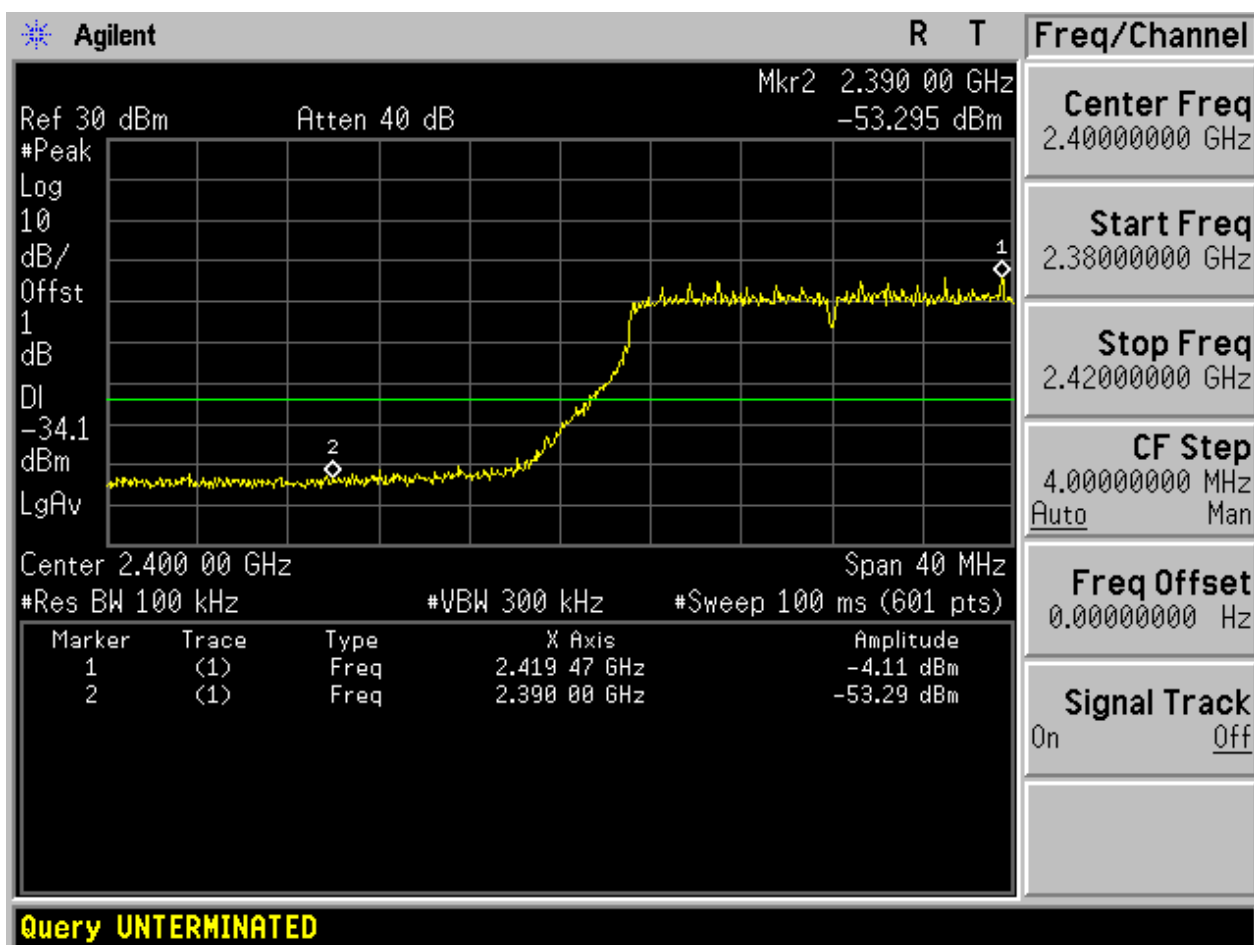




2.9 11N20m_L@Ant 1

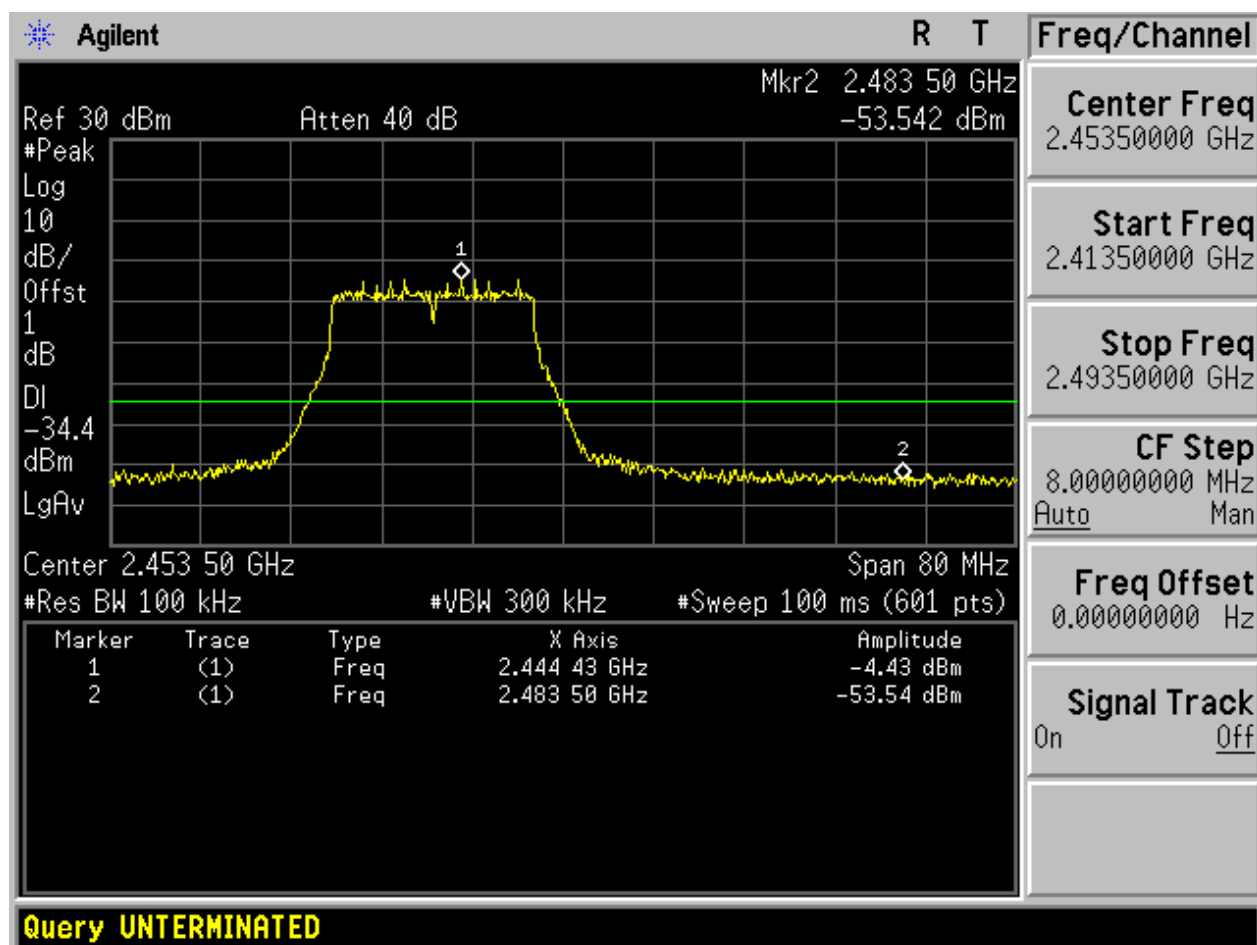


2.10 11N20m_L@Ant 2



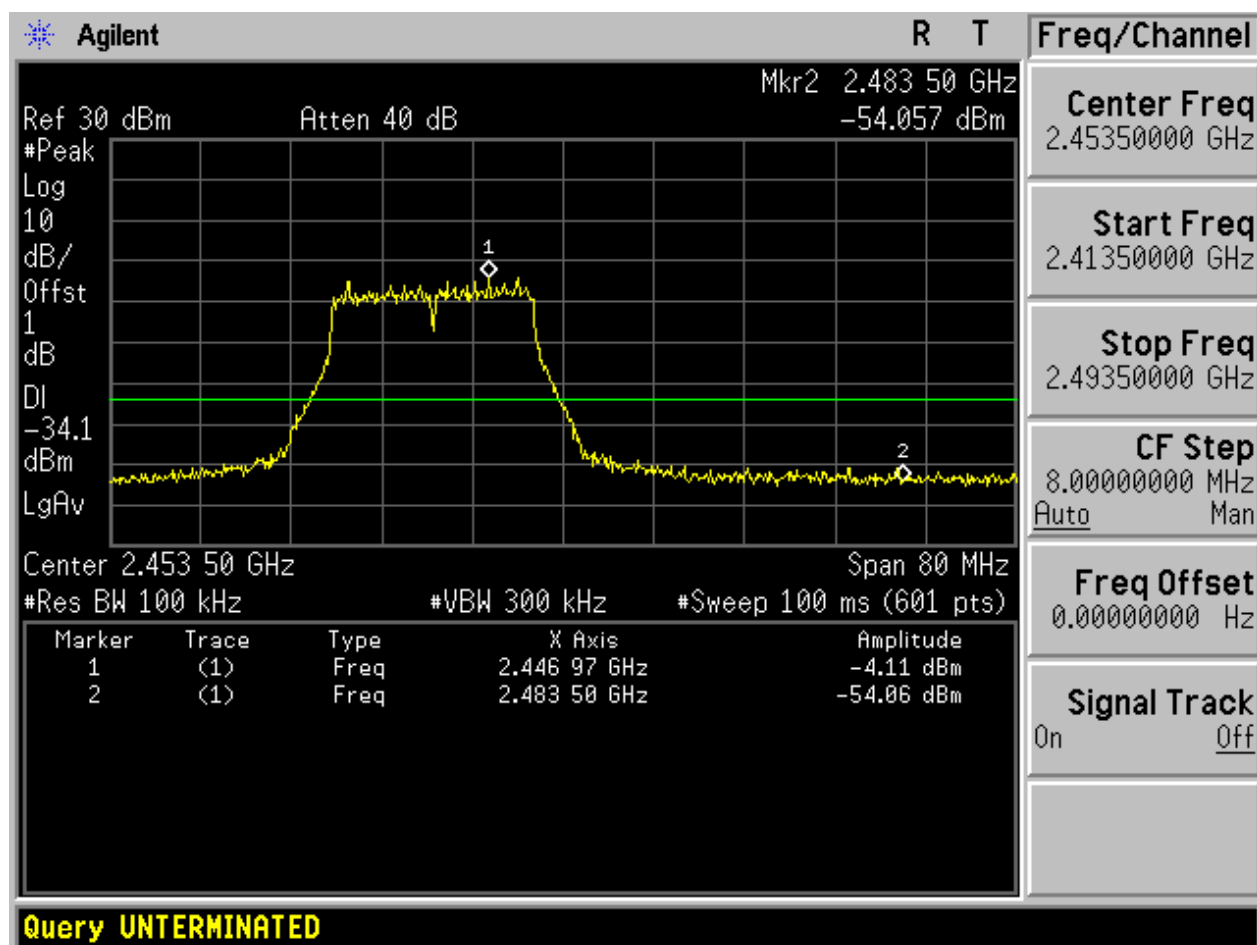


2.11 11N20m_H@Ant 1



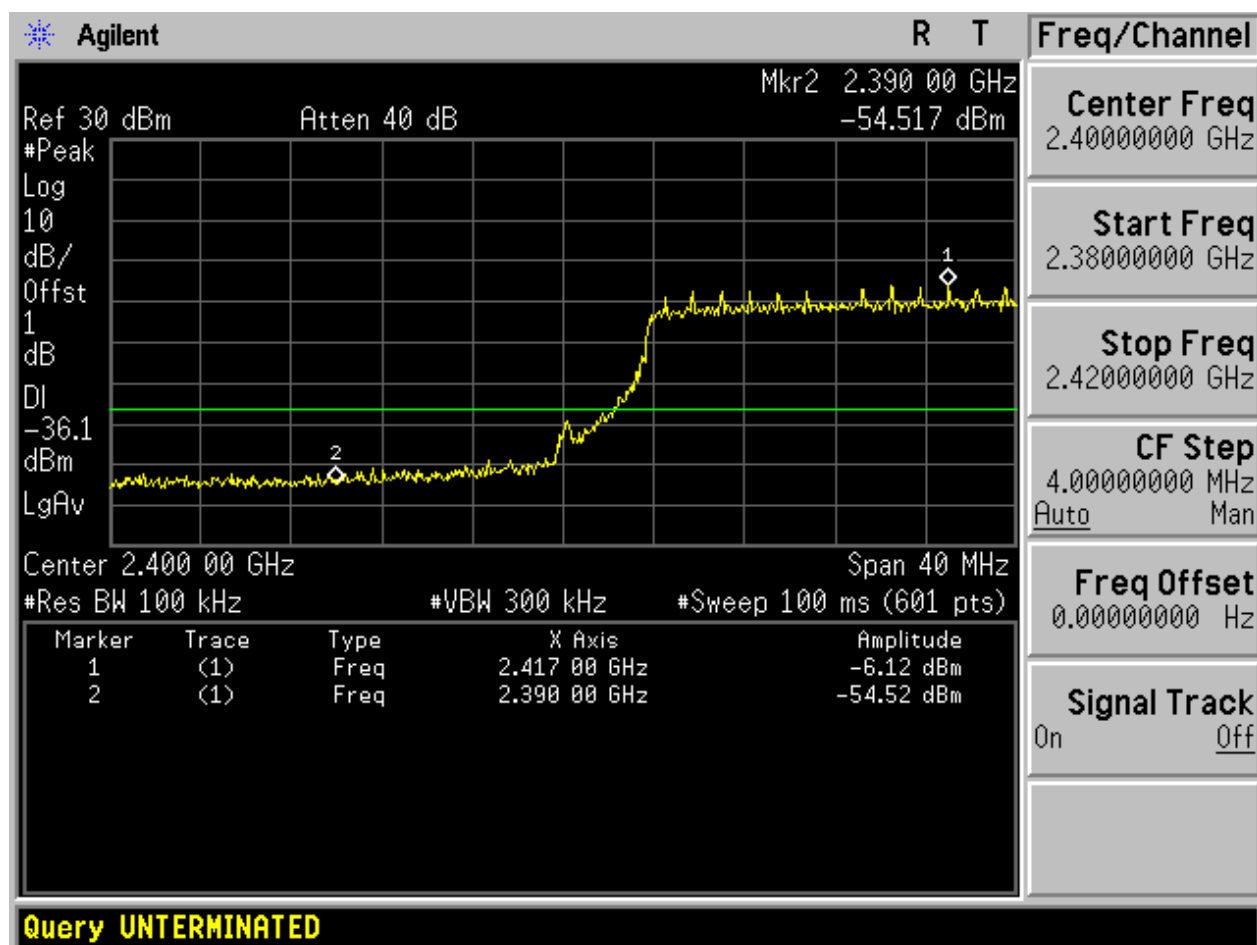


2.12 11N20m_H@Ant 2



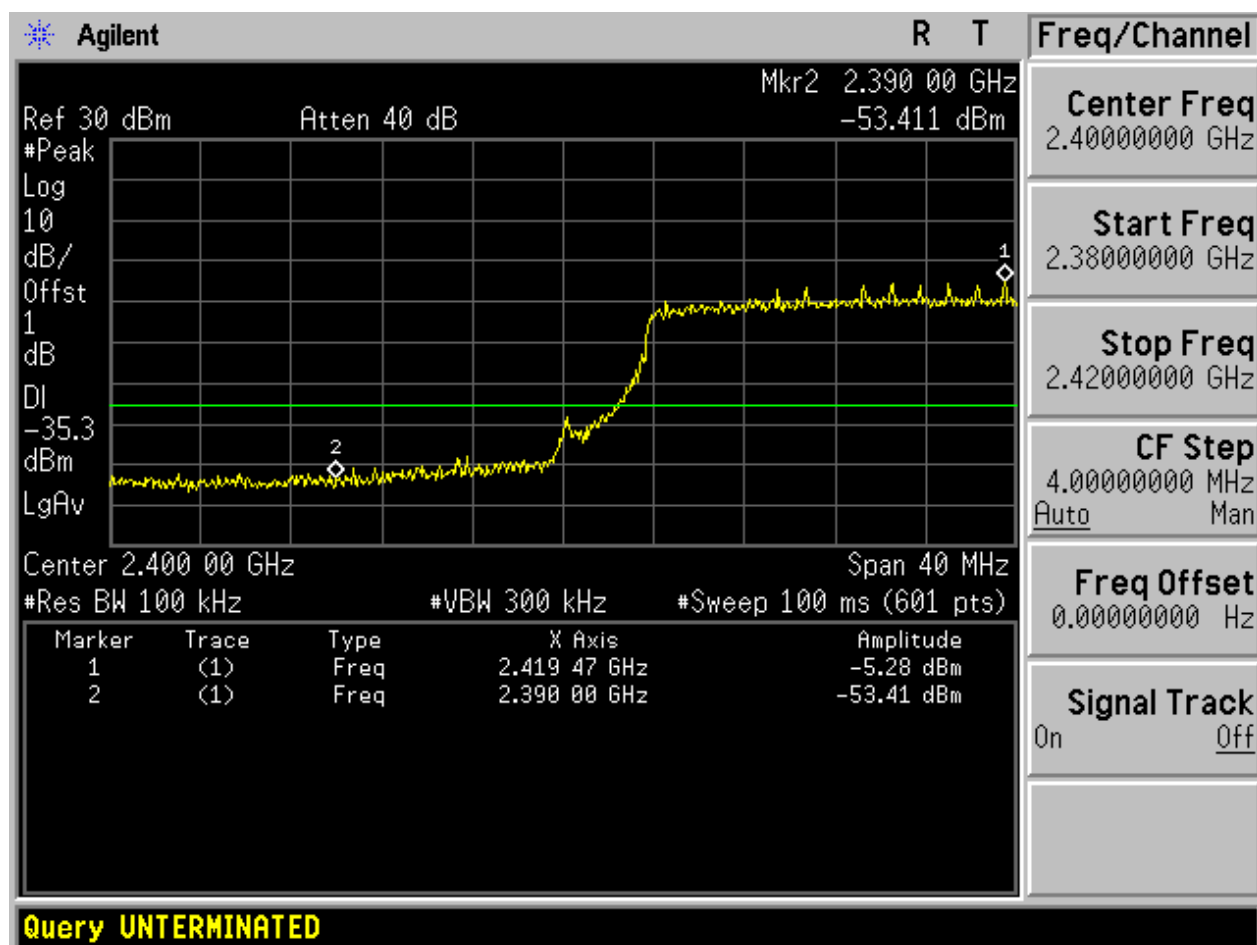


2.13 11N40_L@Ant 1



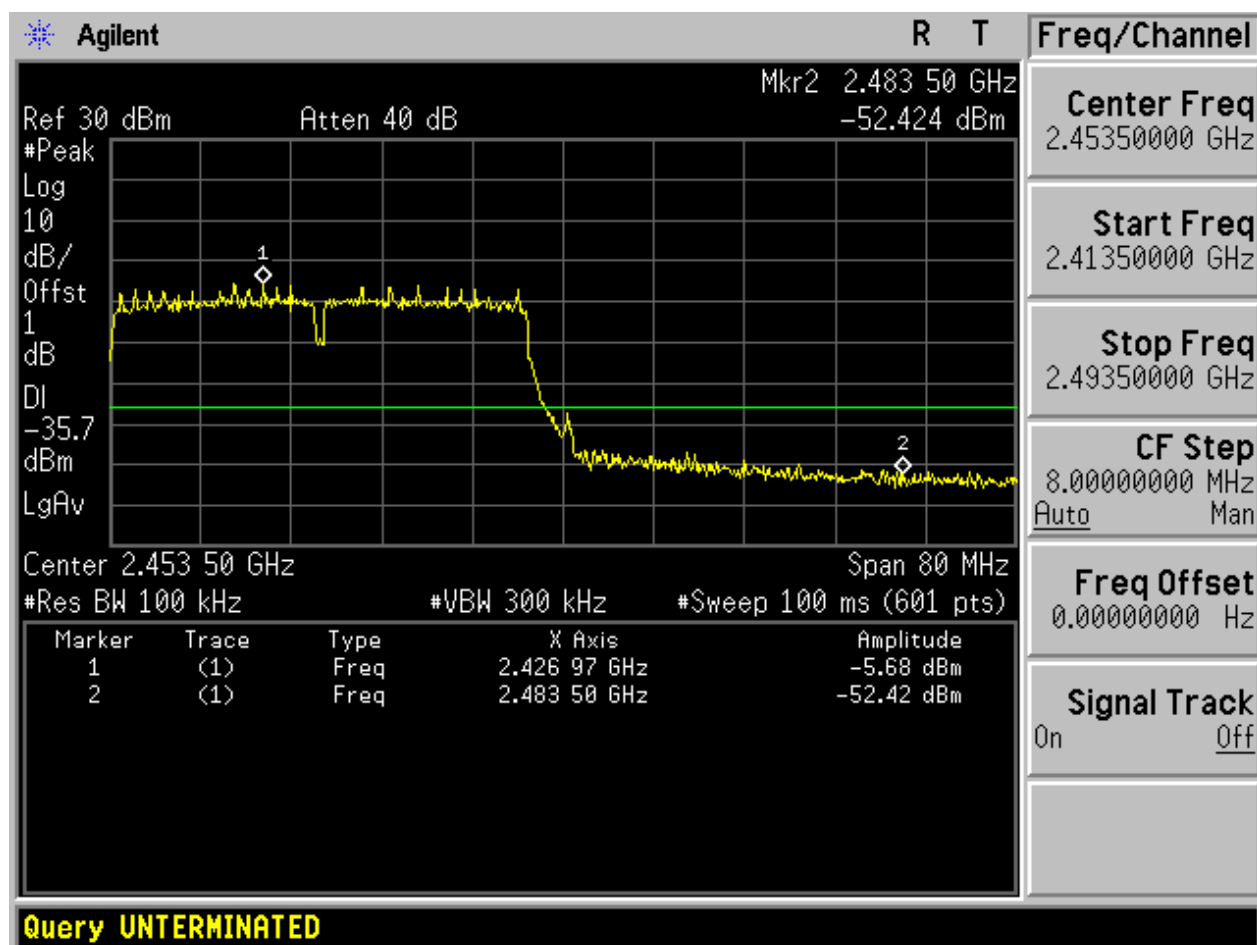


2.14 11N40_L@Ant 2

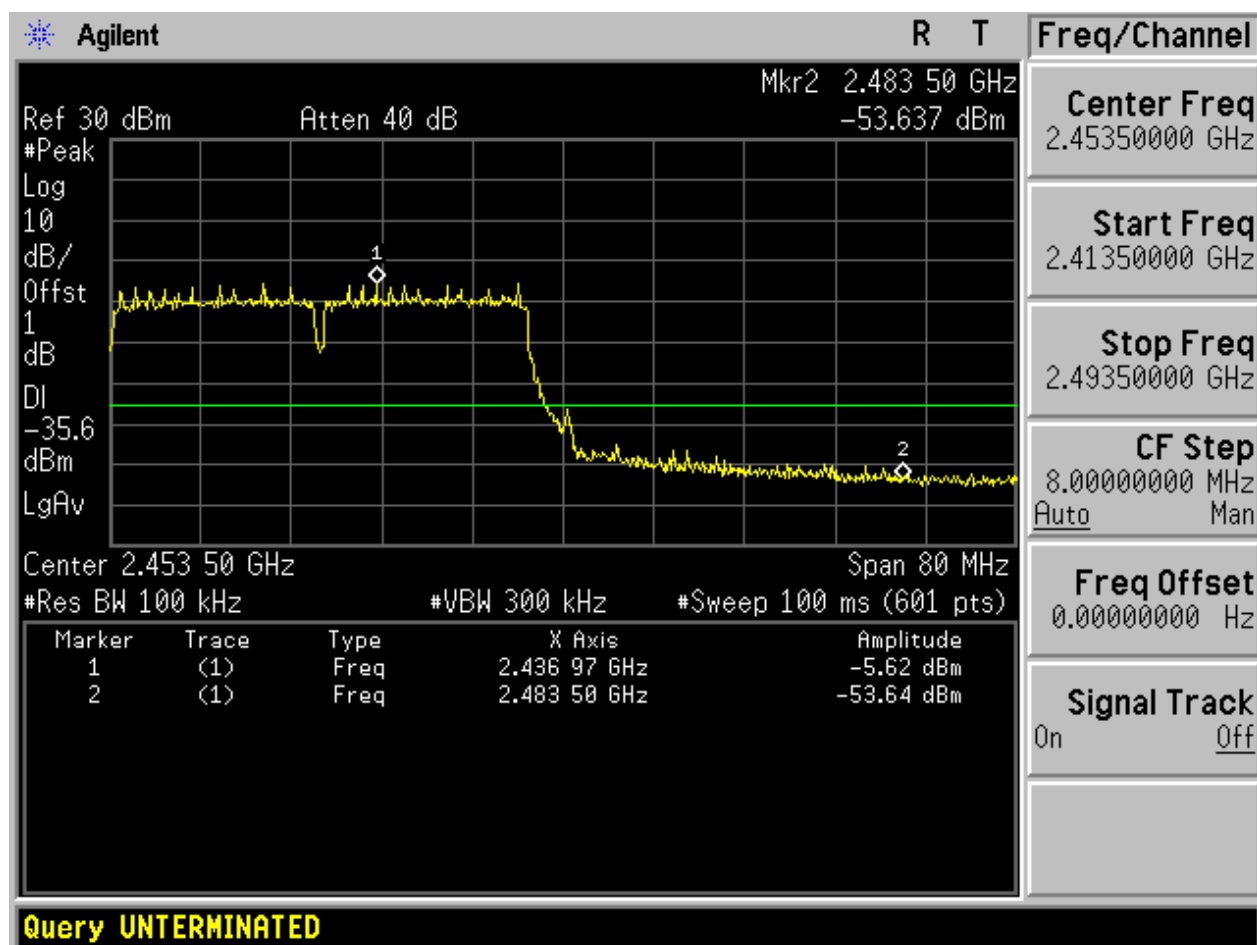




2.15 11N40_H@Ant 1

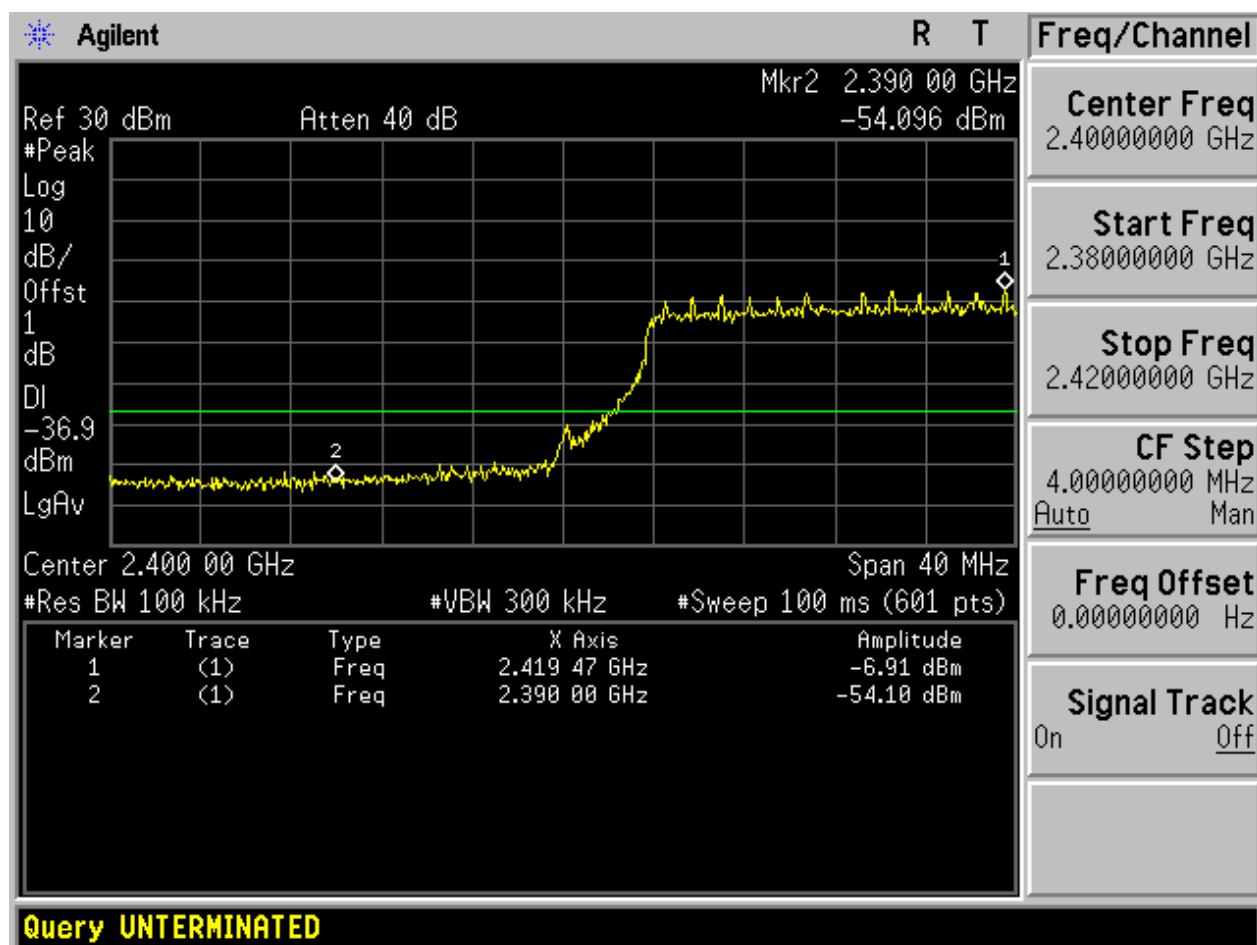


2.16 11N40_H@Ant 2



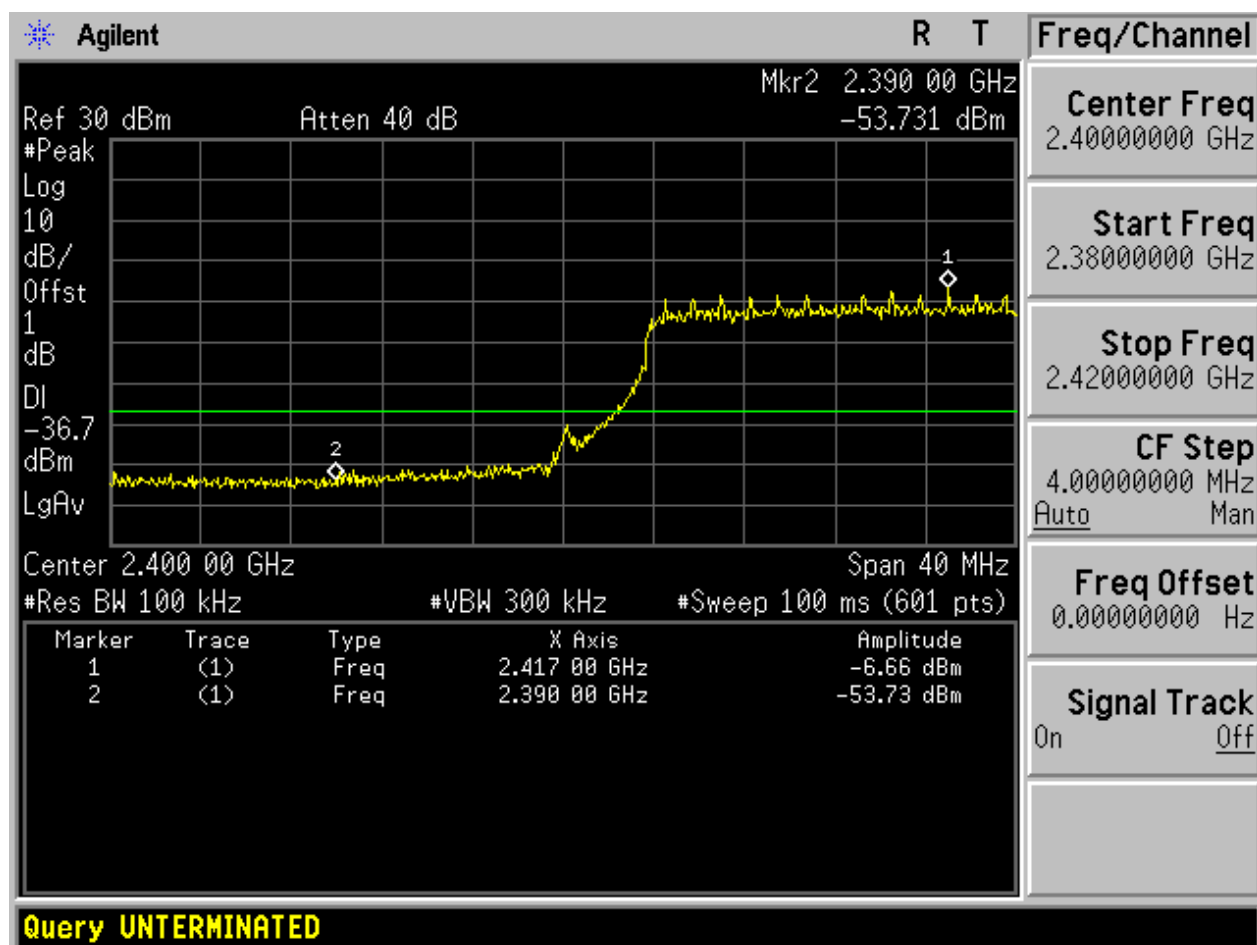


2.21 11N40m_L@Ant 1



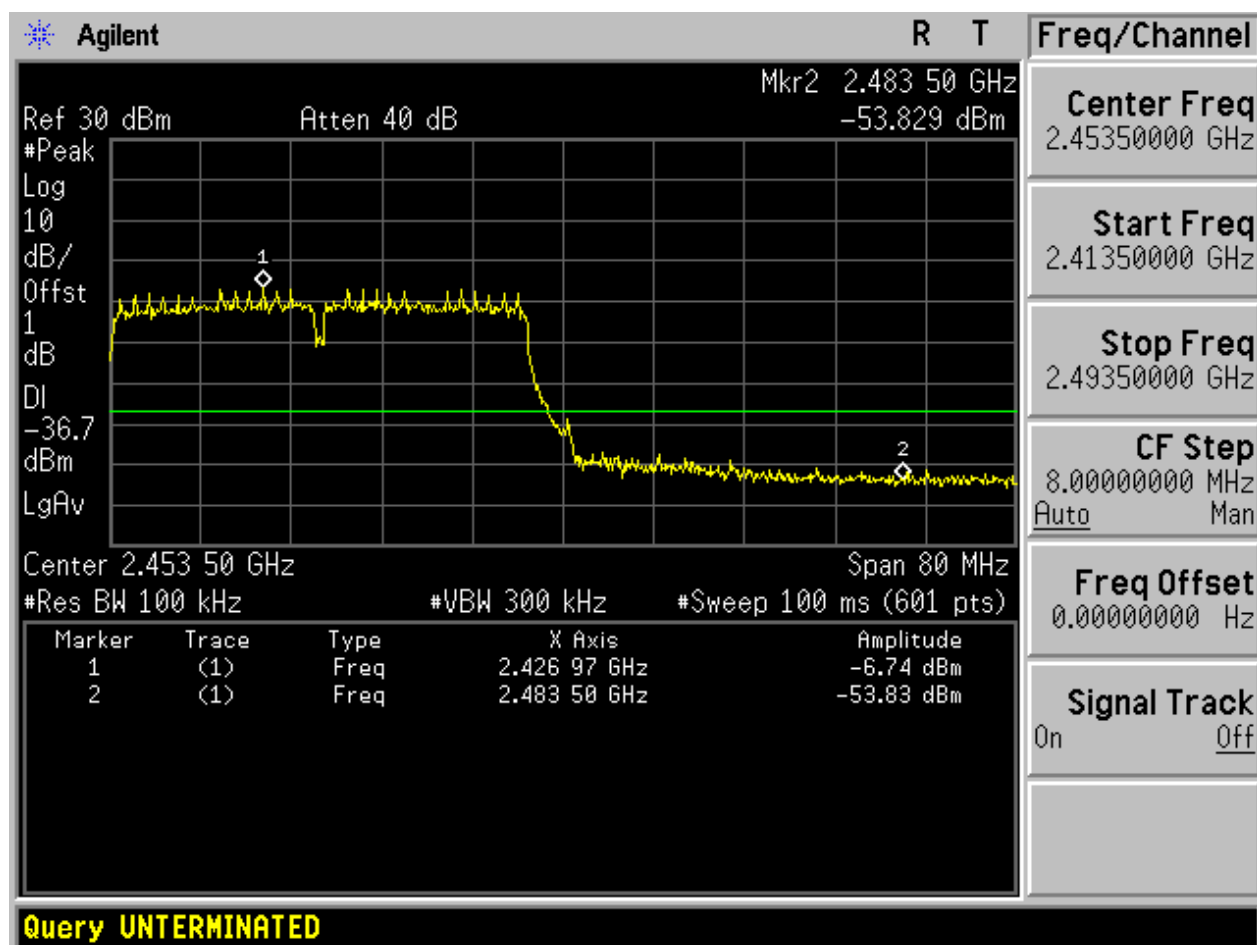


2.22 11N40m_L@Ant 2



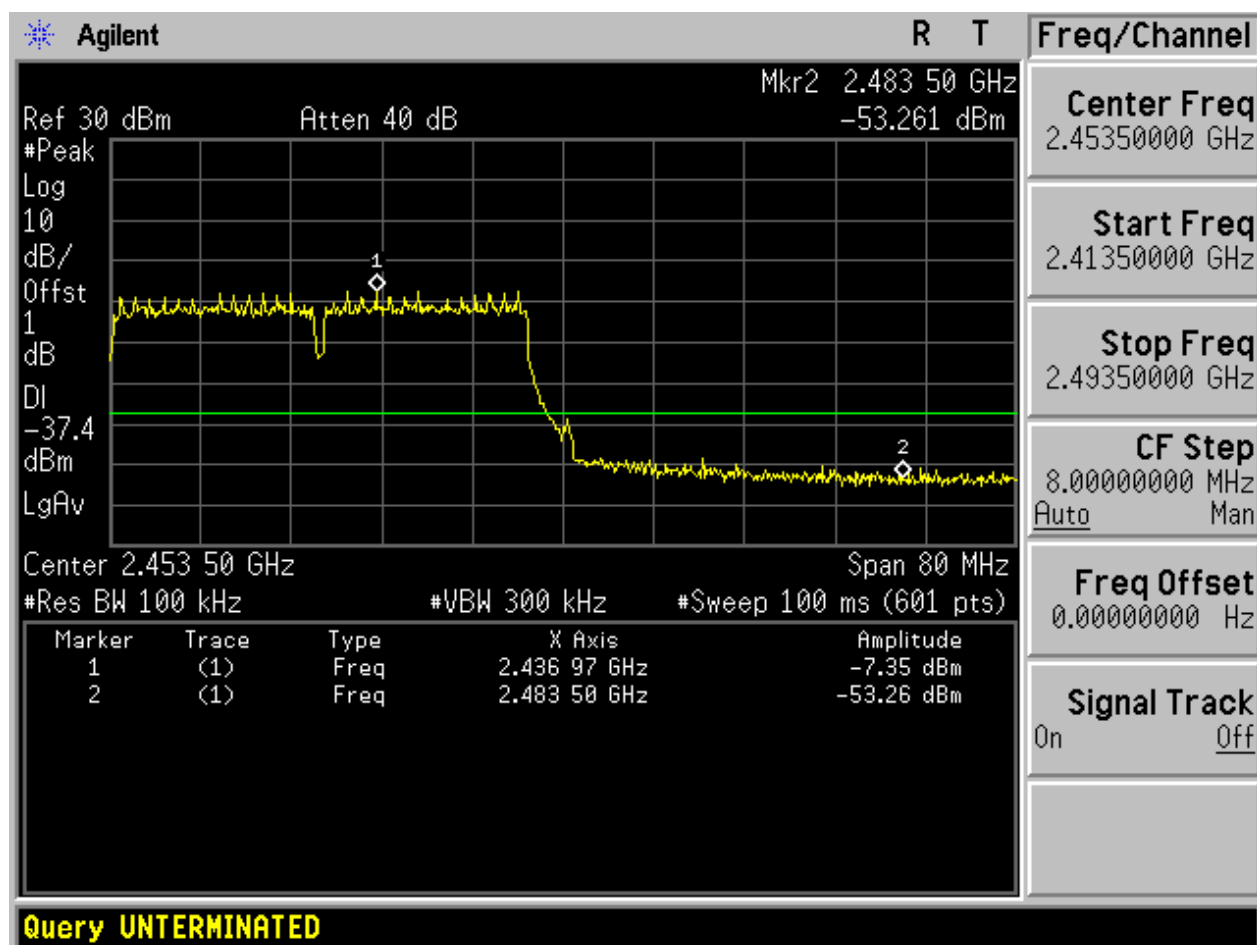


2.23 11N40m_H@Ant 1





2.24 11N40m_H@Ant 2





Appendix F: Unwanted Emissions into Non-Restricted Frequency

Bands

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

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

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

In the result table, the "< Limit" denotes that "The Puw [dBm] is less than Pref[dBm]-30[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	3.48	<limit	pass
11B	L	2412	Ant 2	3.57	<limit	pass
11B	M	2427	Ant 1	3.97	<limit	pass
11B	M	2427	Ant 2	3.8	<limit	pass
11B	H	2442	Ant 1	3.26	<limit	pass
11B	H	2442	Ant 2	4.23	<limit	pass
11G	L	2412	Ant 1	-1.38	<limit	pass
11G	L	2412	Ant 2	0.34	<limit	pass
11G	M	2427	Ant 1	-0.82	<limit	pass
11G	M	2427	Ant 2	0.19	<limit	pass
11G	H	2442	Ant 1	-1.02	<limit	pass
11G	H	2442	Ant 2	0.59	<limit	pass
11N20	L	2412	Ant 1	-3.34	<limit	pass
11N20	L	2412	Ant 2	-1.36	<limit	pass
11N20	M	2427	Ant 1	-2.66	<limit	pass
11N20	M	2427	Ant 2	-1.72	<limit	pass
11N20	H	2442	Ant 1	-2.86	<limit	pass

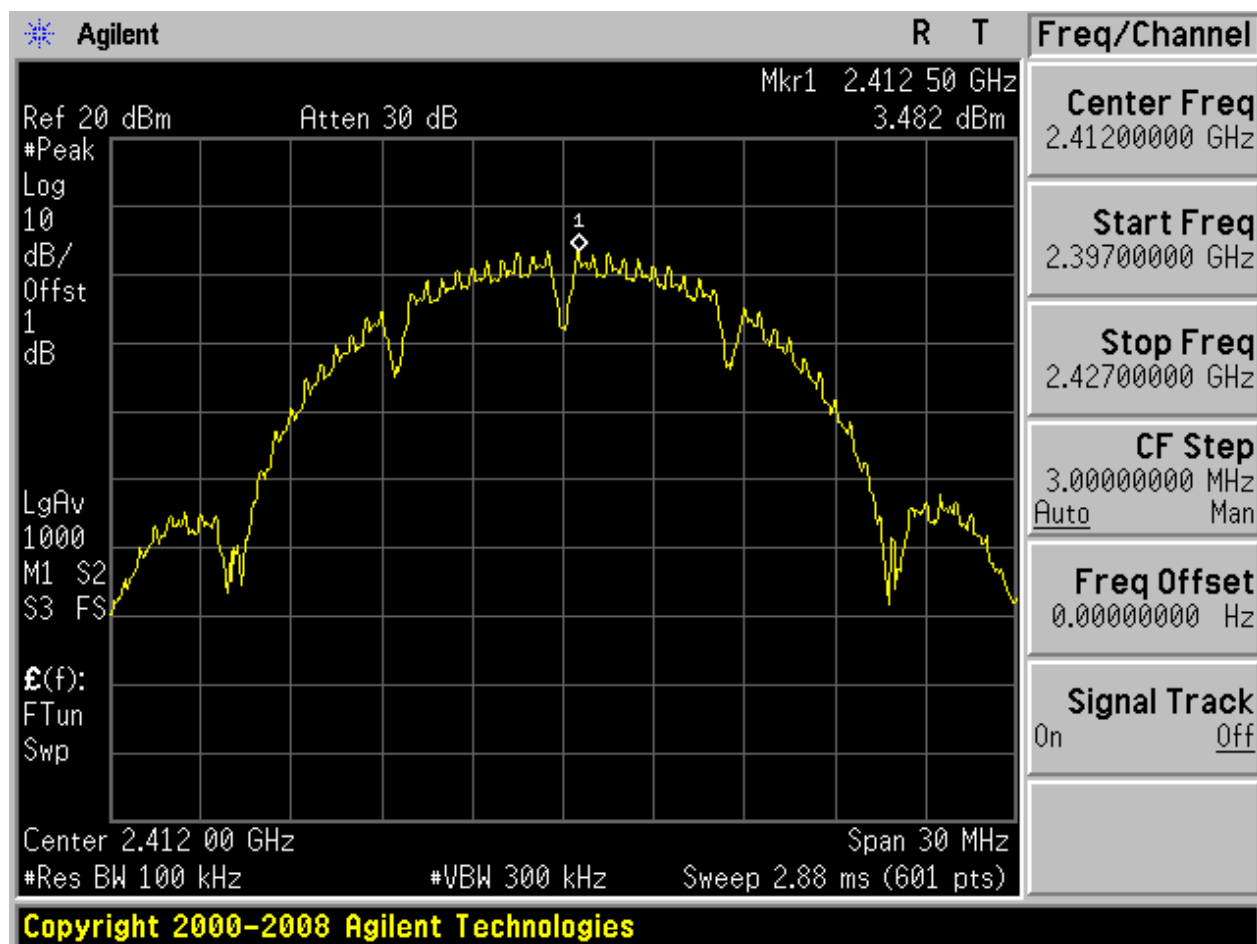
Test Mode	Test Channel	Frequency[MHz]	Ant	Pref[dBm]	Puw[dBm]	Verdict
11N20	H	2442	Ant 2	-1.6	<limit	pass
11N20m	L	2412	Ant 1	-3.82	<limit	pass
11N20m	L	2412	Ant 2	-3.87	<limit	pass
11N20m	M	2427	Ant 1	-3.23	<limit	pass
11N20m	M	2427	Ant 2	-3.95	<limit	pass
11N20m	H	2442	Ant 1	-3.57	<limit	pass
11N20m	H	2442	Ant 2	-3.45	<limit	pass
11N40	L	2422	Ant 1	-5.5	<limit	pass
11N40	L	2422	Ant 2	-5.21	<limit	pass
11N40	M	2427	Ant 1	-5.39	<limit	pass
11N40	M	2427	Ant 2	-5.14	<limit	pass
11N40	H	2432	Ant 1	-5.3	<limit	pass
11N40	H	2432	Ant 2	-5.1	<limit	pass
11N40m	L	2422	Ant 1	-6.34	<limit	pass
11N40m	L	2422	Ant 2	-6.62	<limit	pass
11N40m	M	2427	Ant 1	-6.5	<limit	pass
11N40m	M	2427	Ant 2	-6.52	<limit	pass
11N40m	H	2432	Ant 1	-6.31	<limit	pass
11N40m	H	2432	Ant 2	-6.61	<limit	pass



Part II - Test Plots

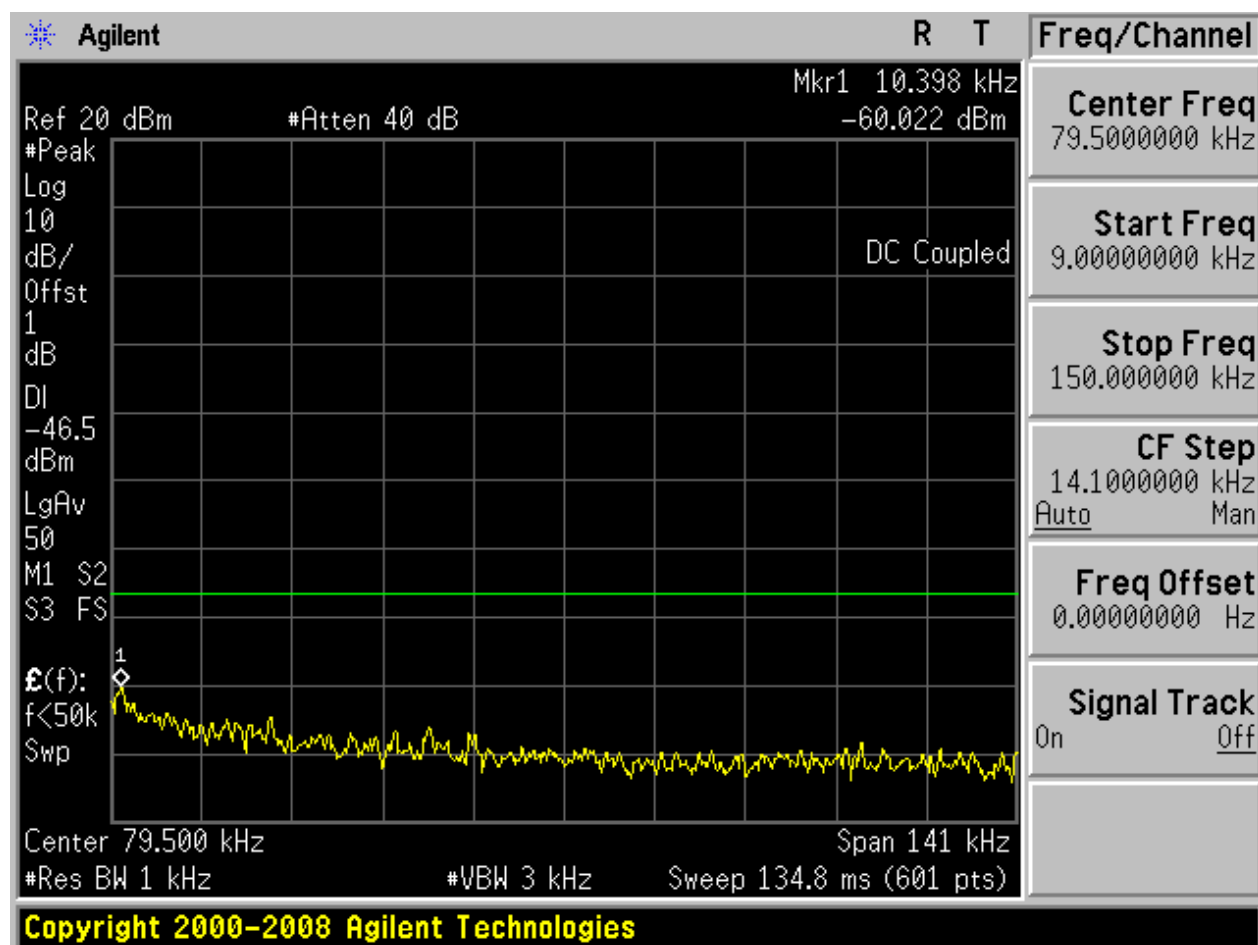
2.1 11B_L@Ant 1

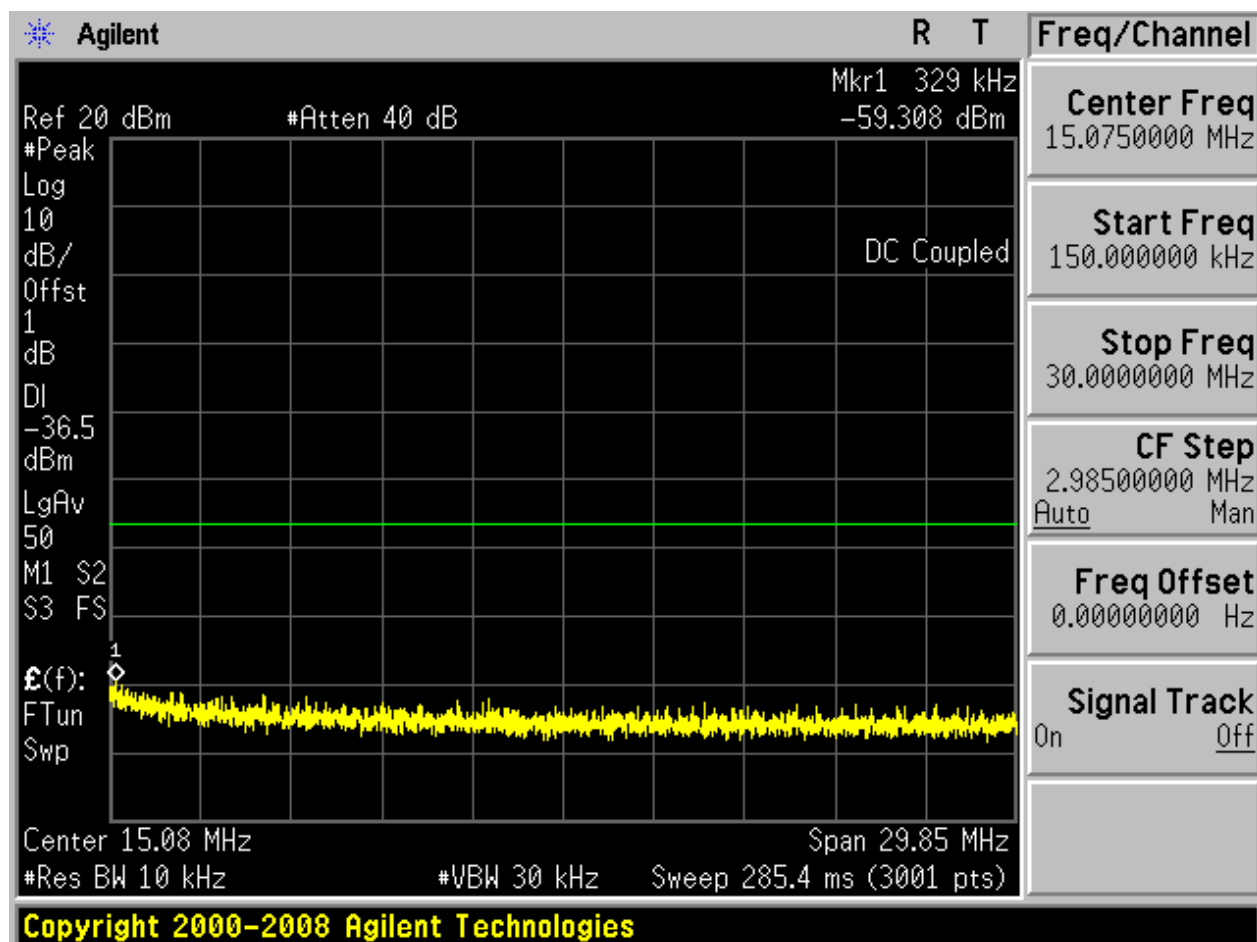
Pref:

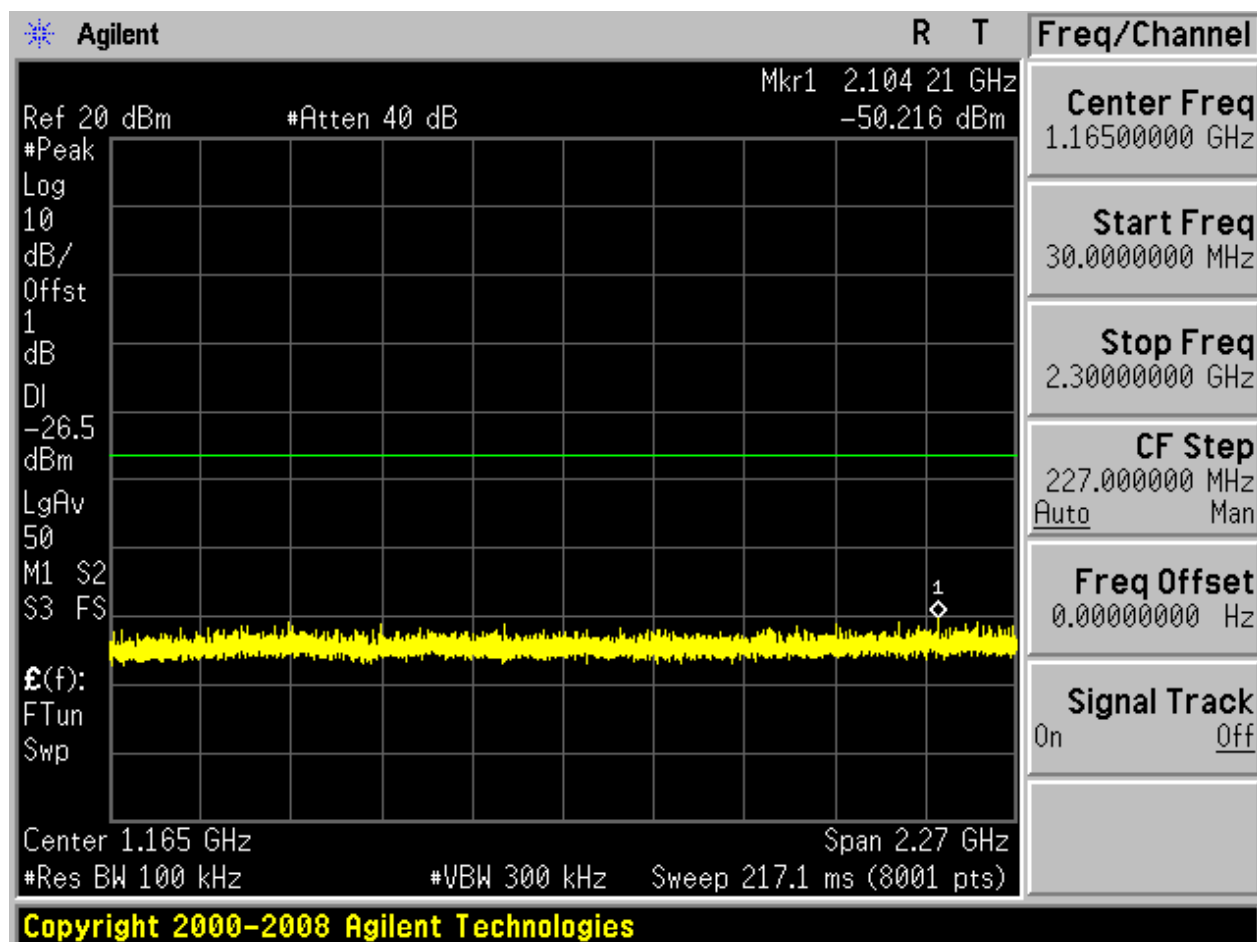


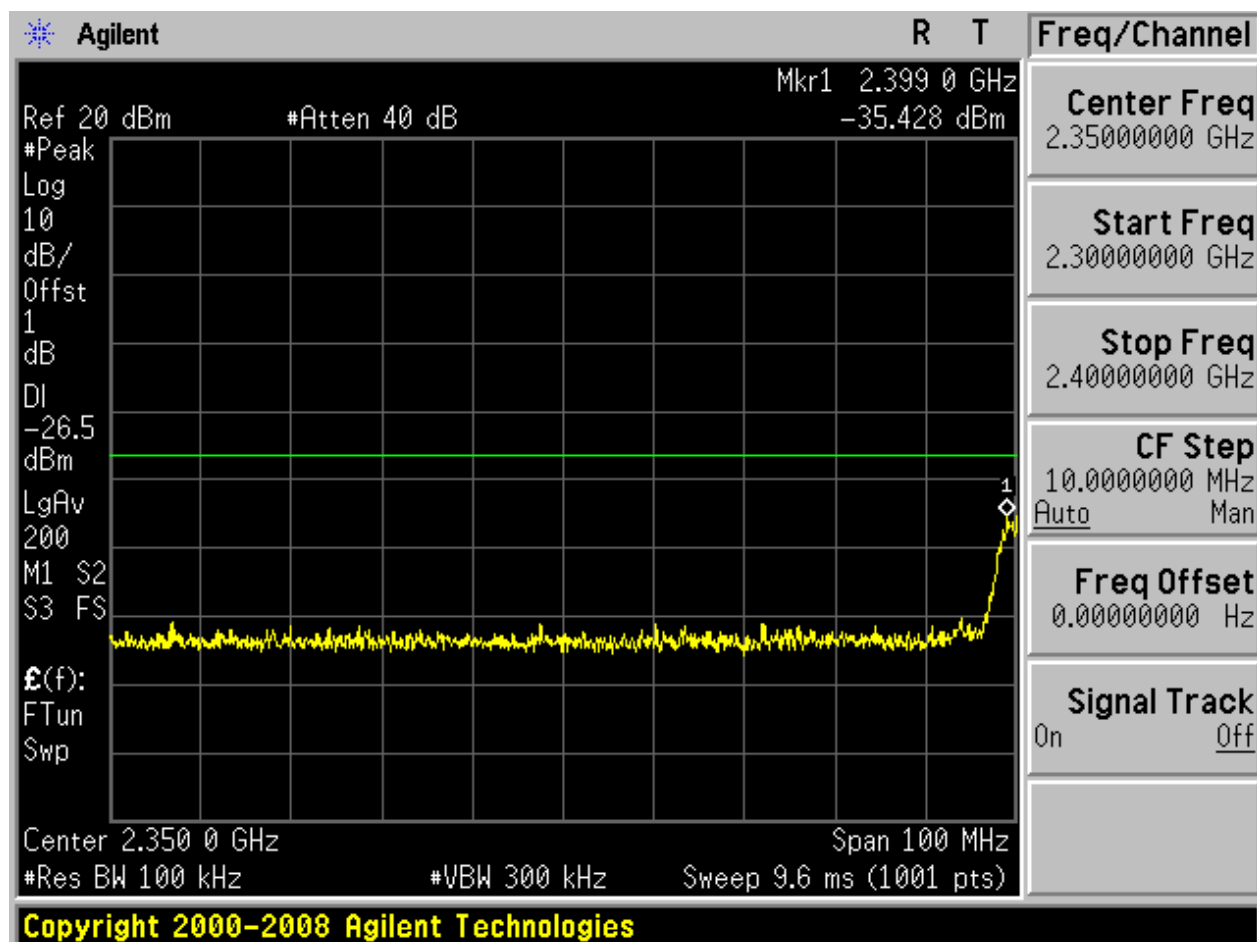


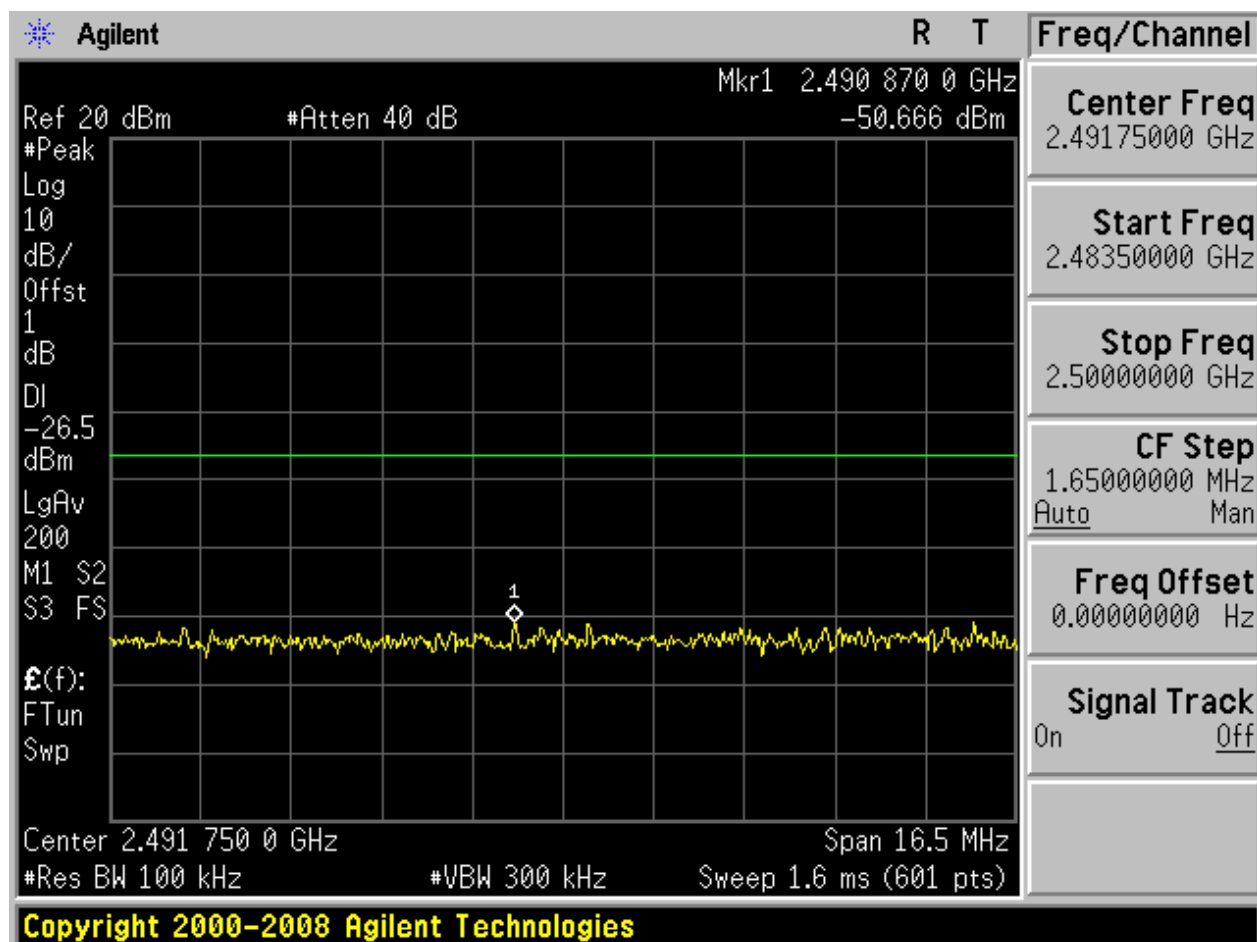
Puw:

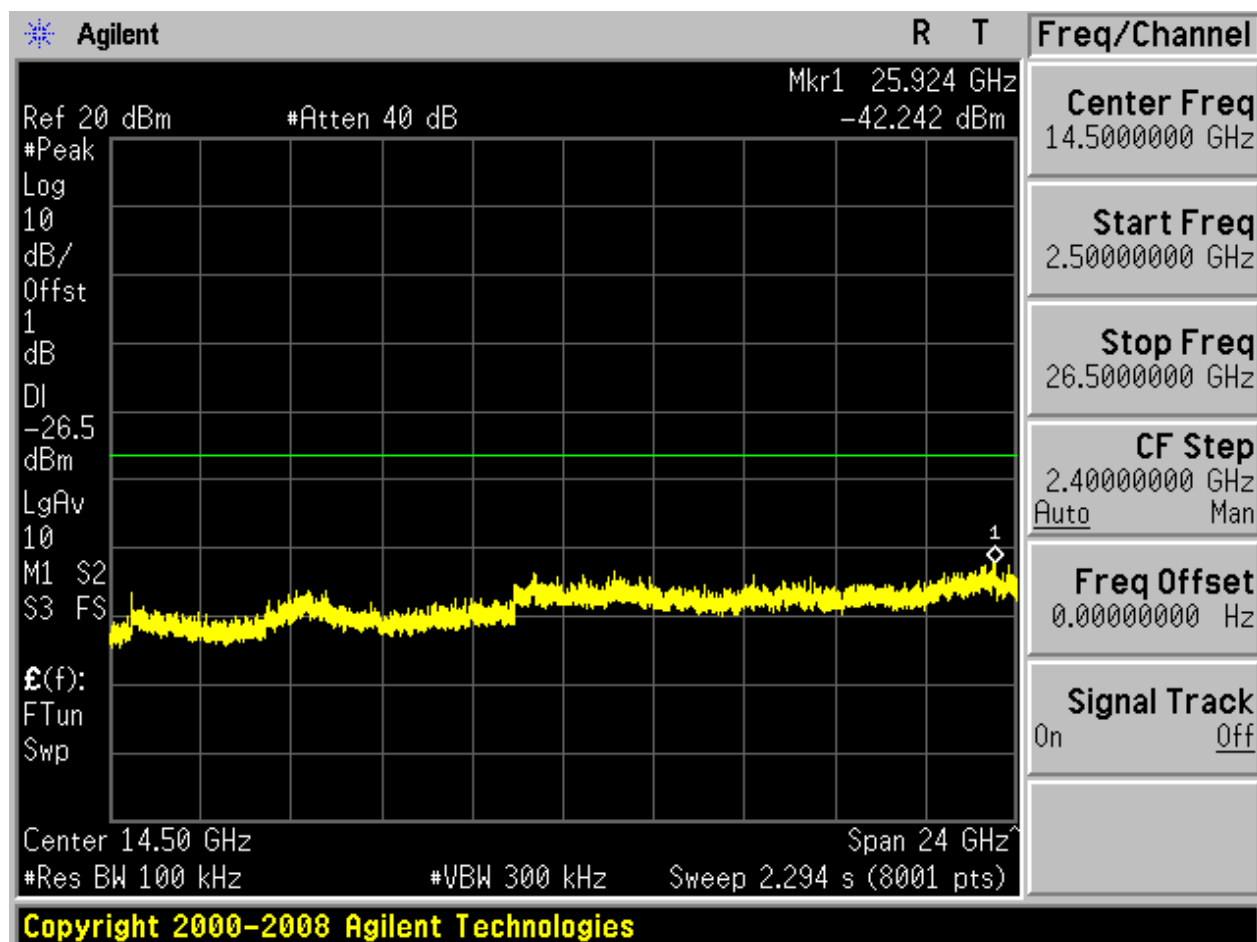








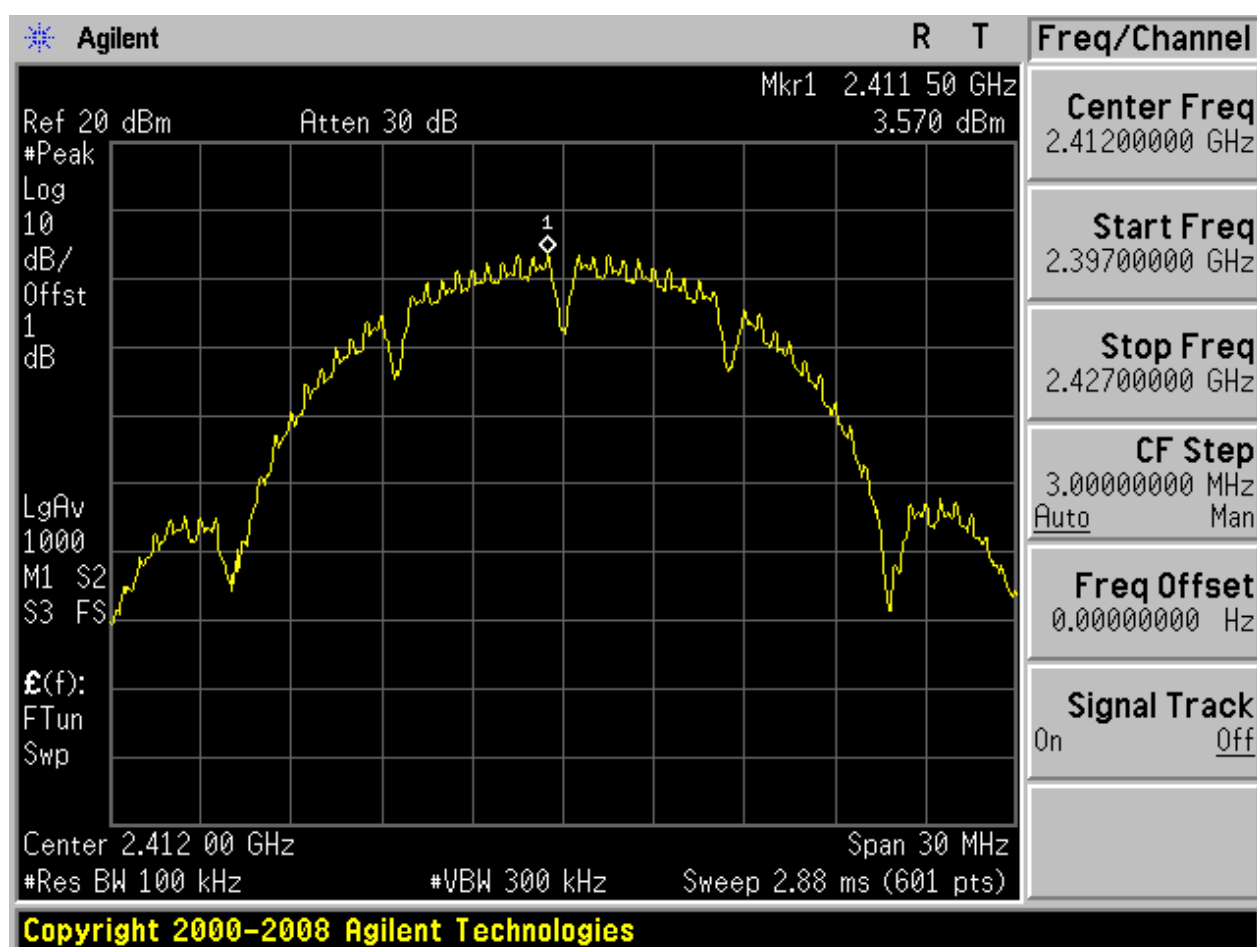






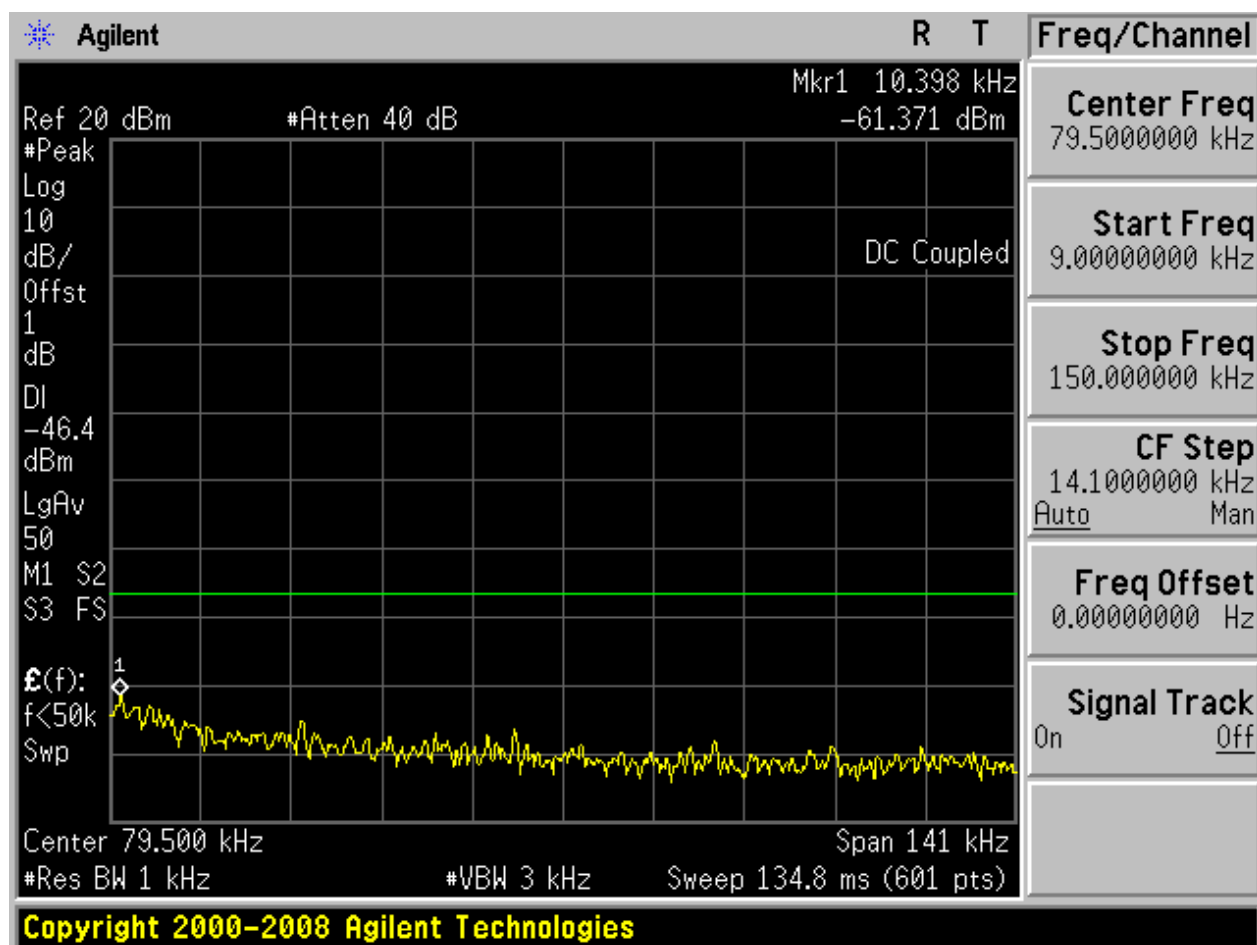
2.2 11B_L@Ant 2

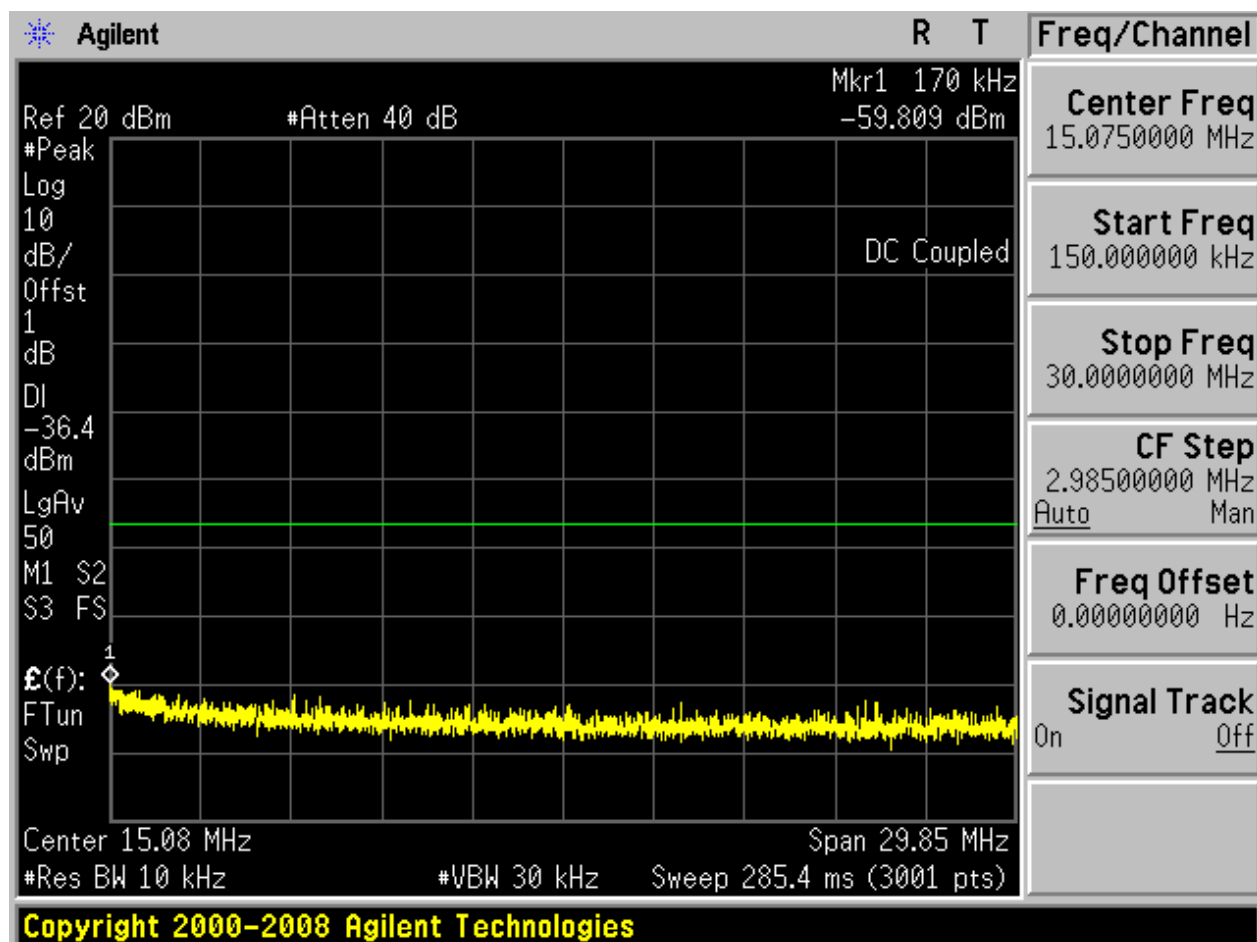
Pref:

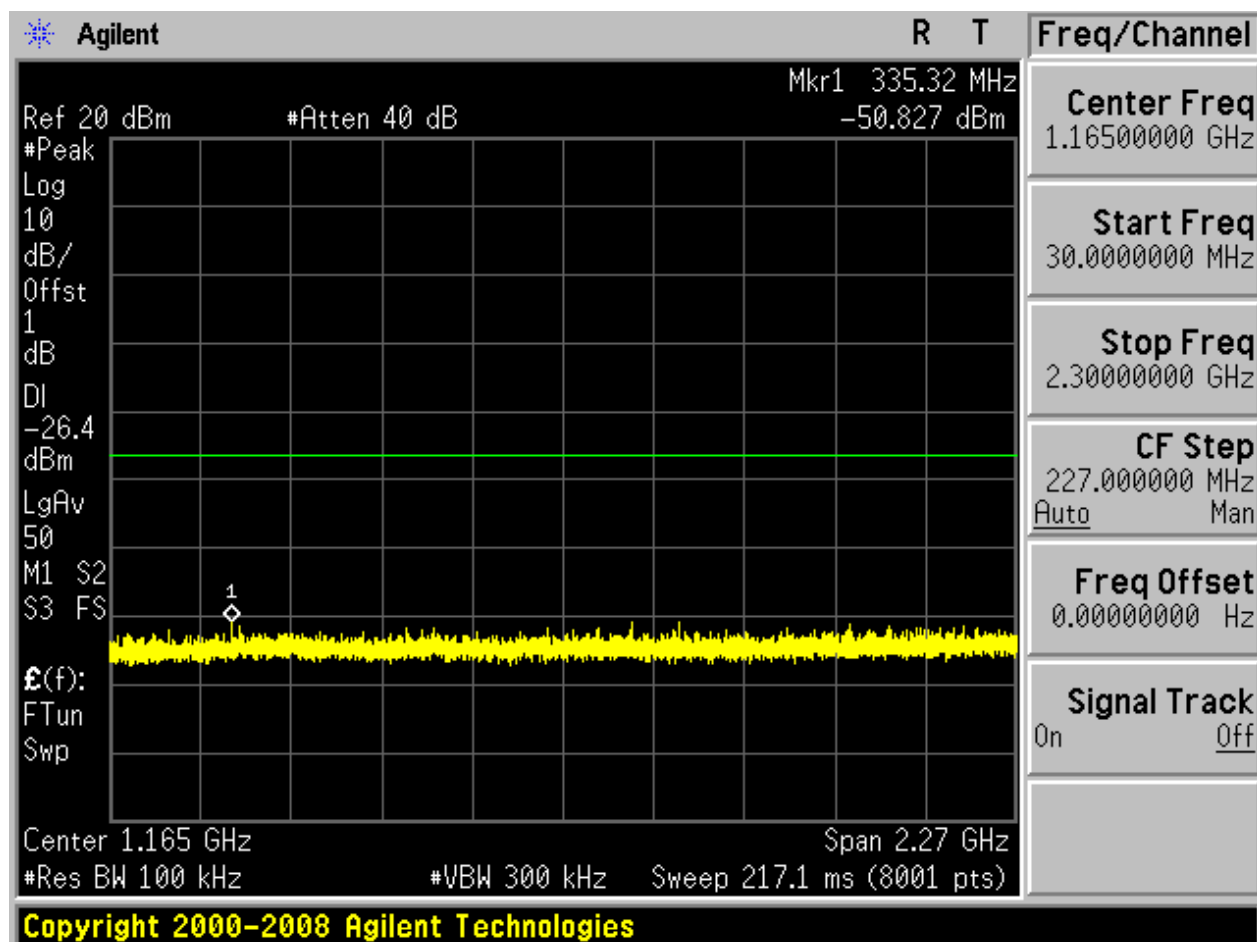


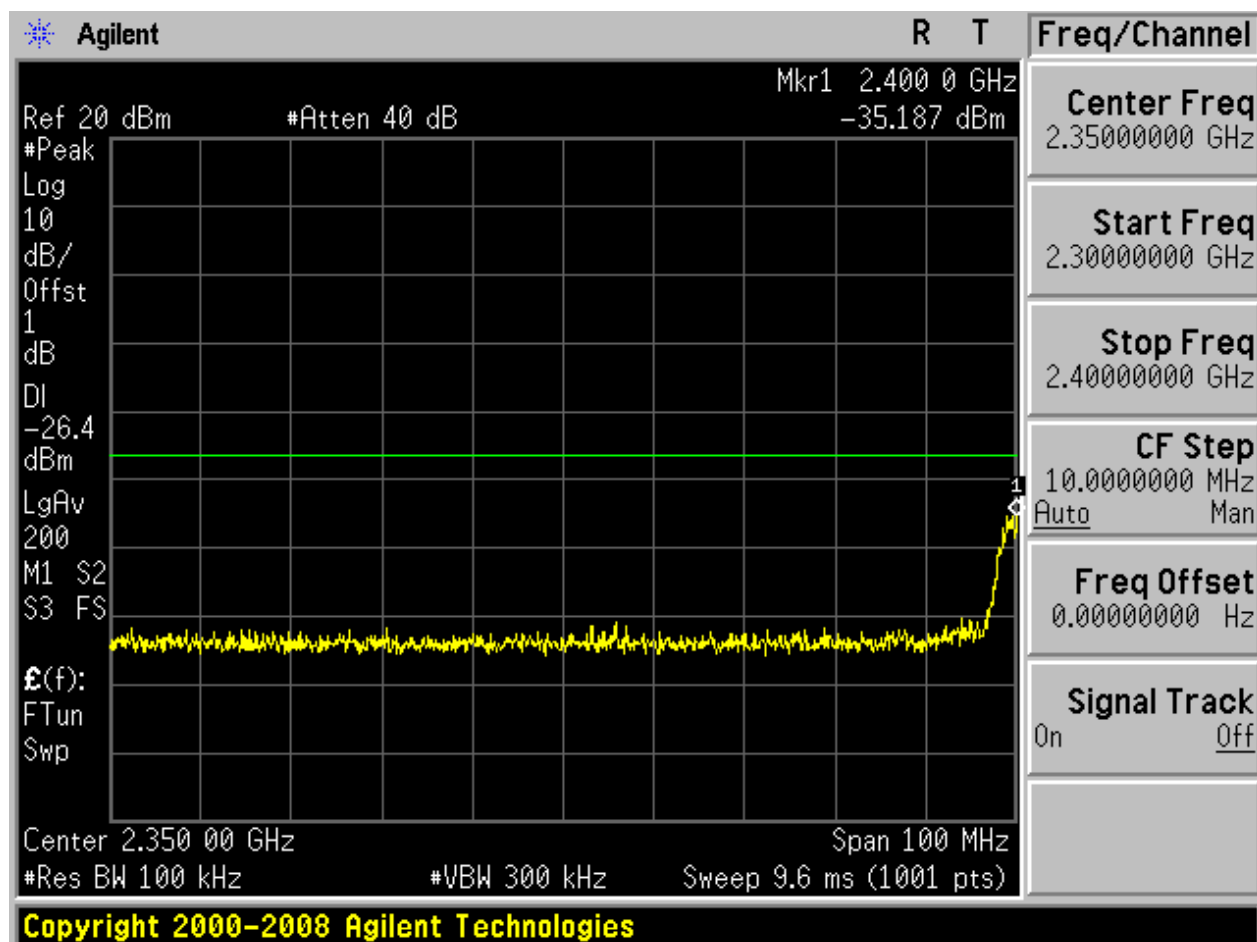


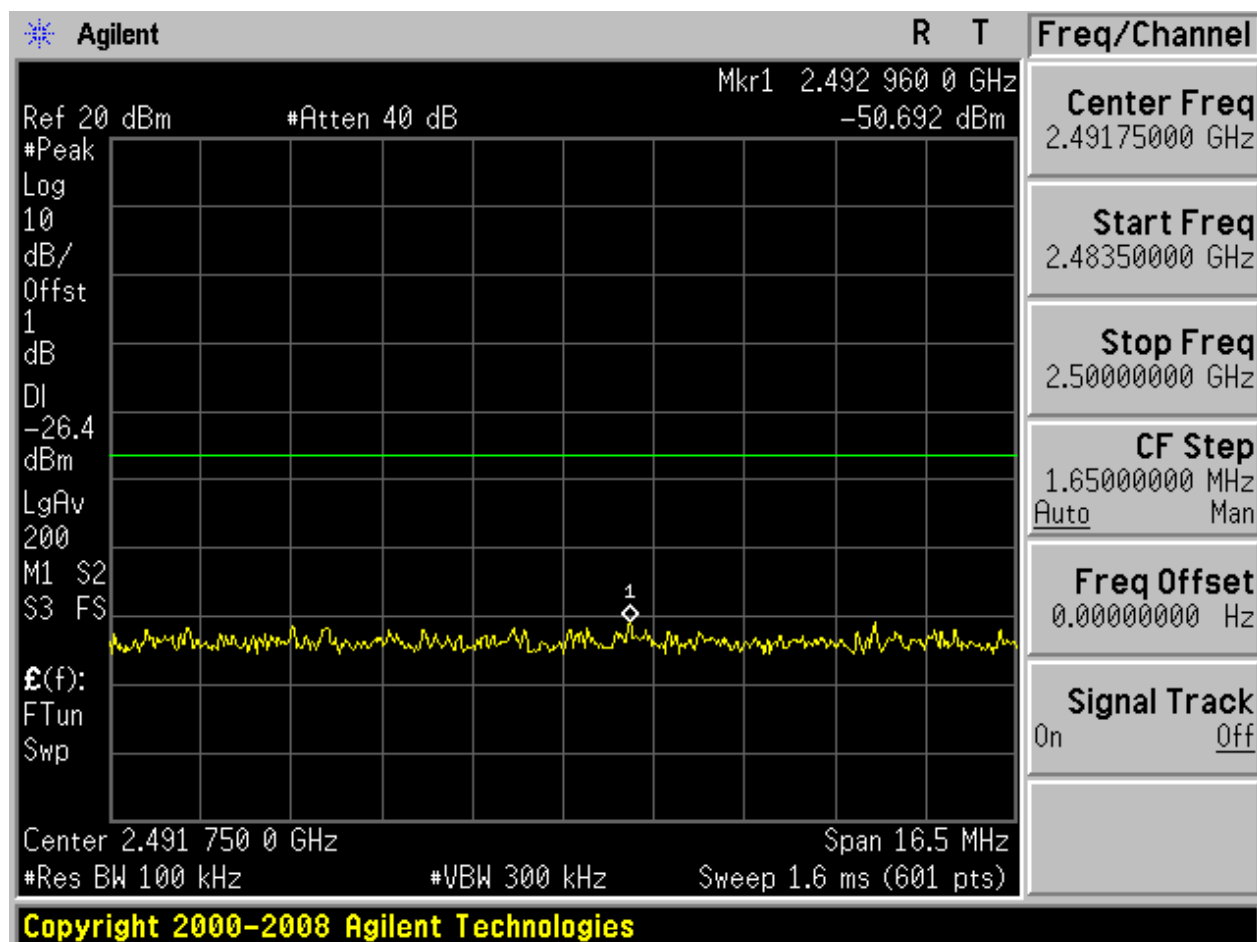
Puw:

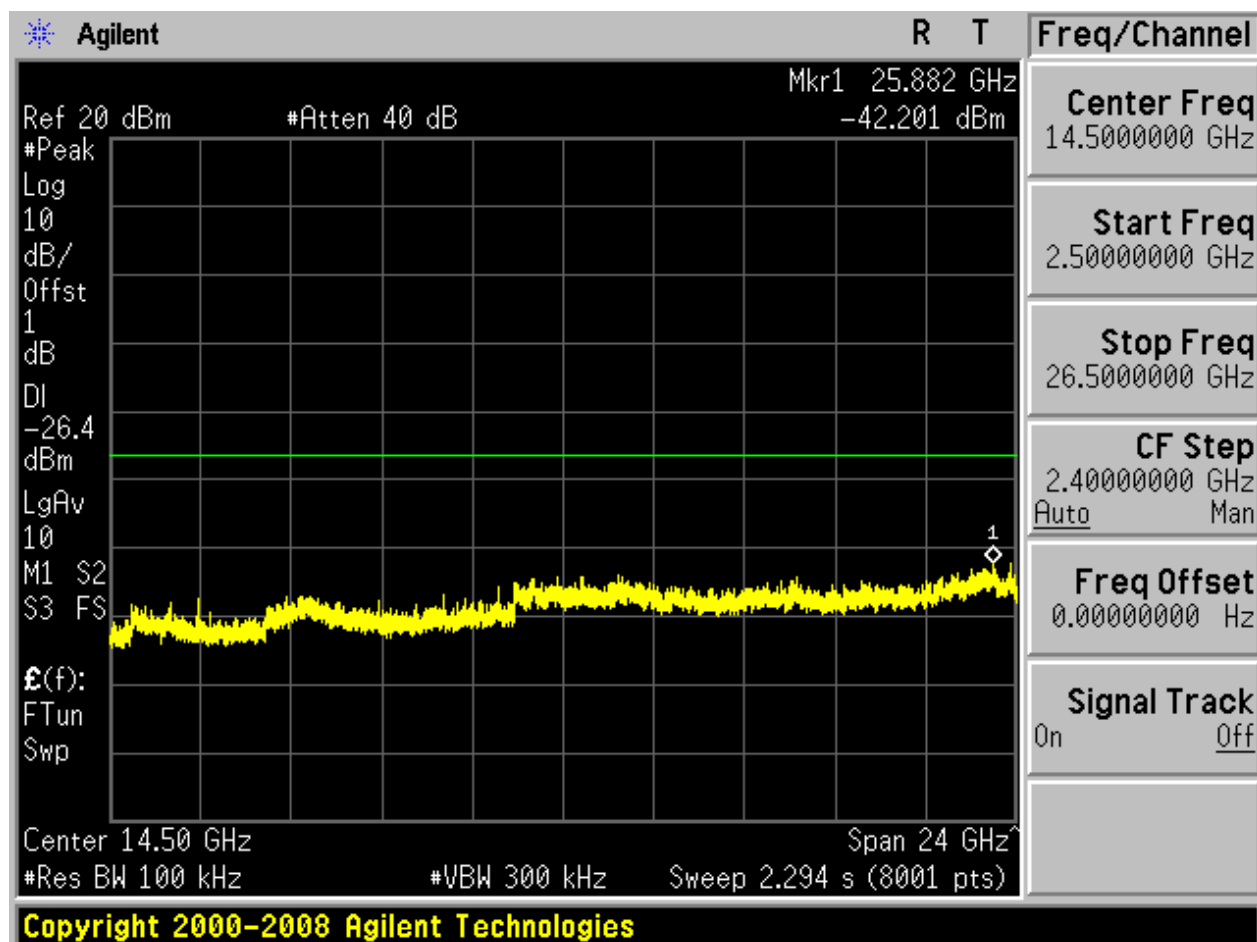








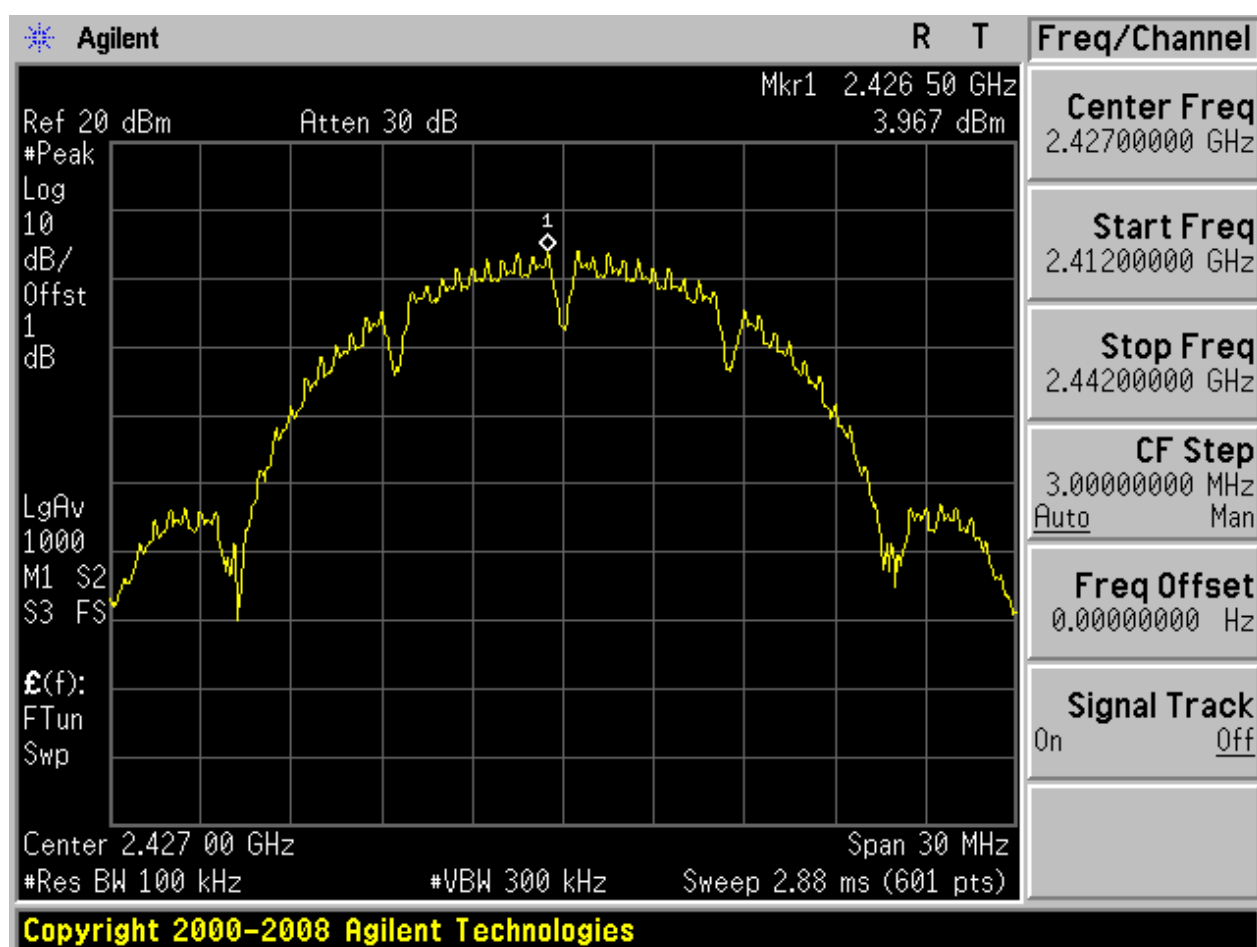






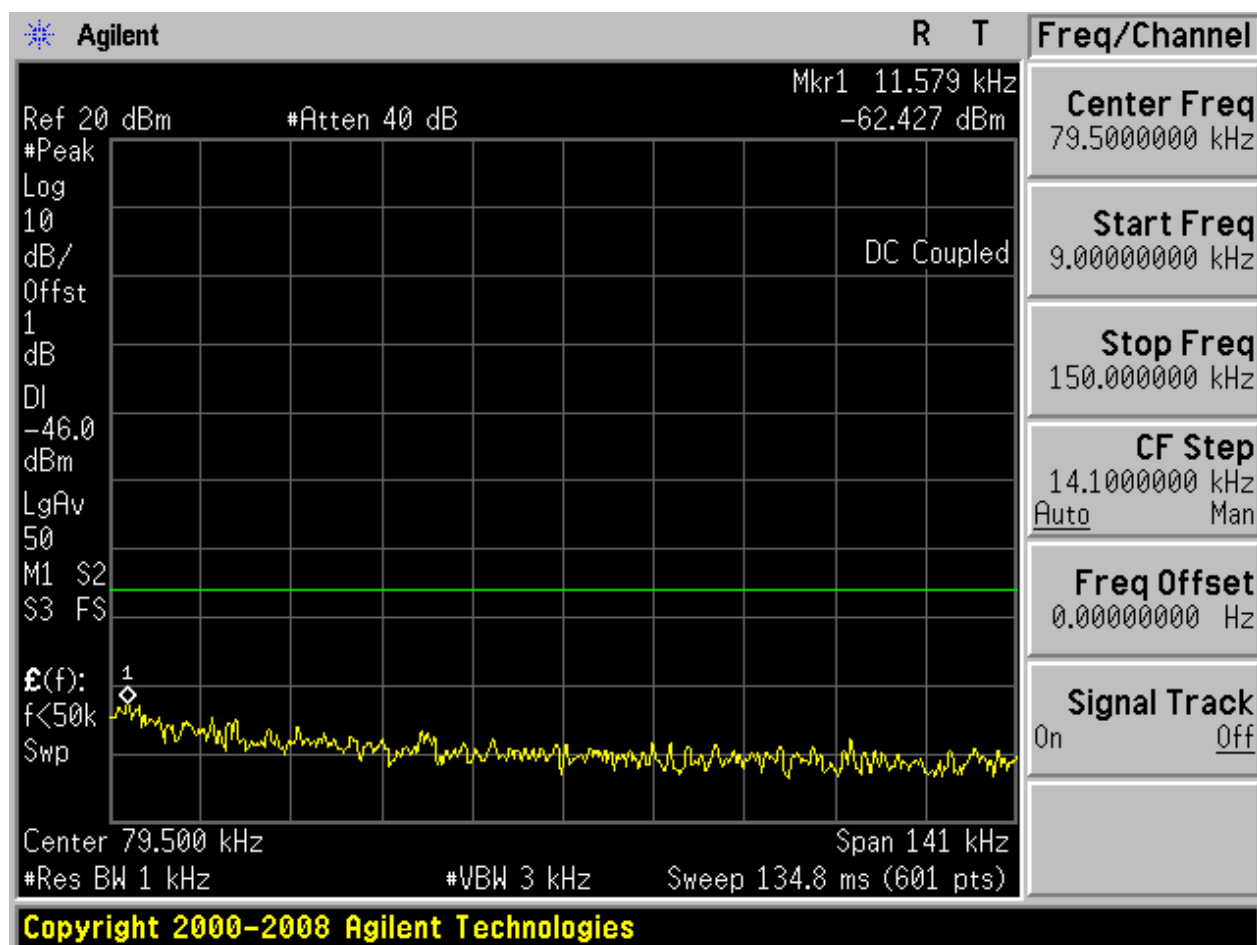
2.3 11B_M@Ant 1

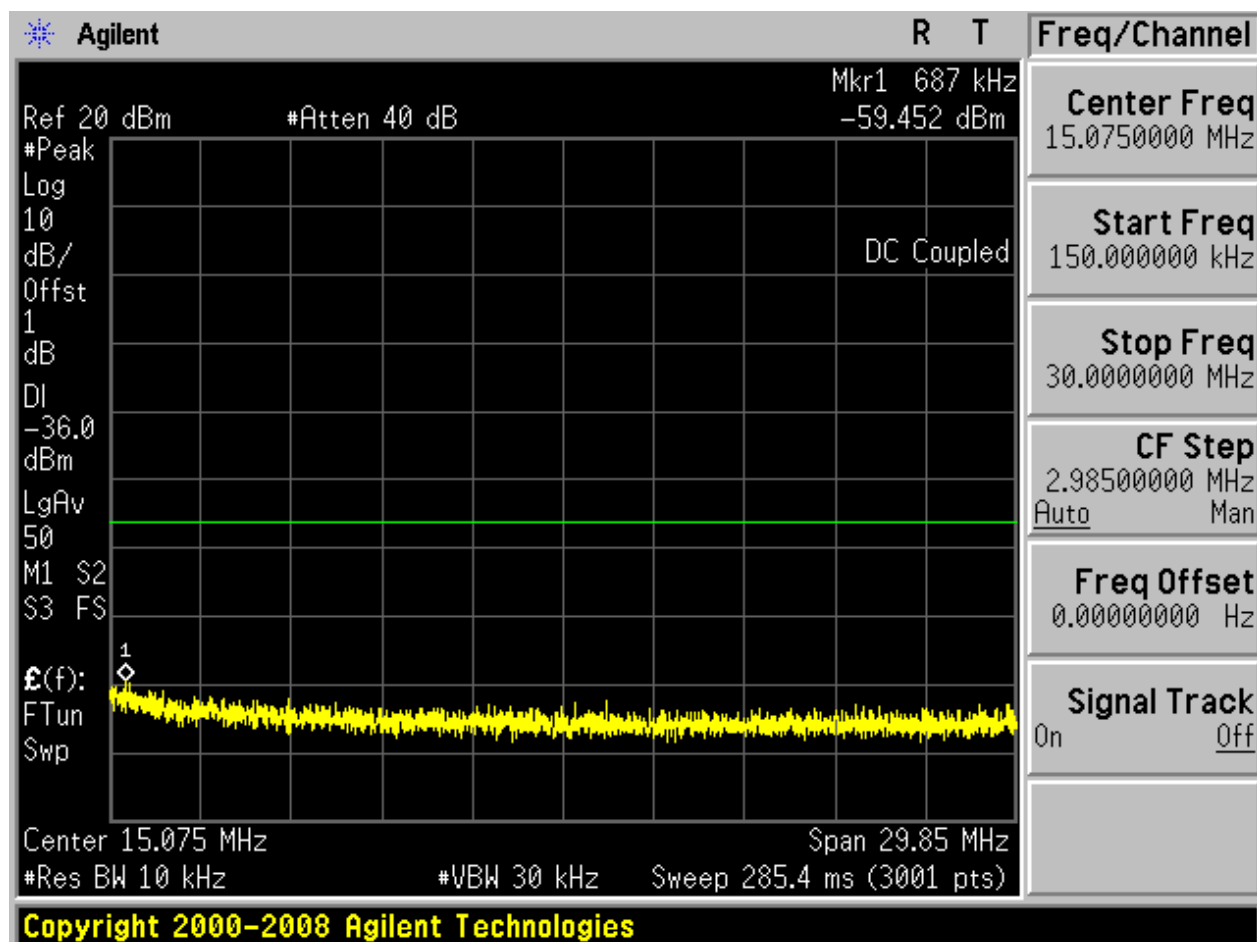
Pref:

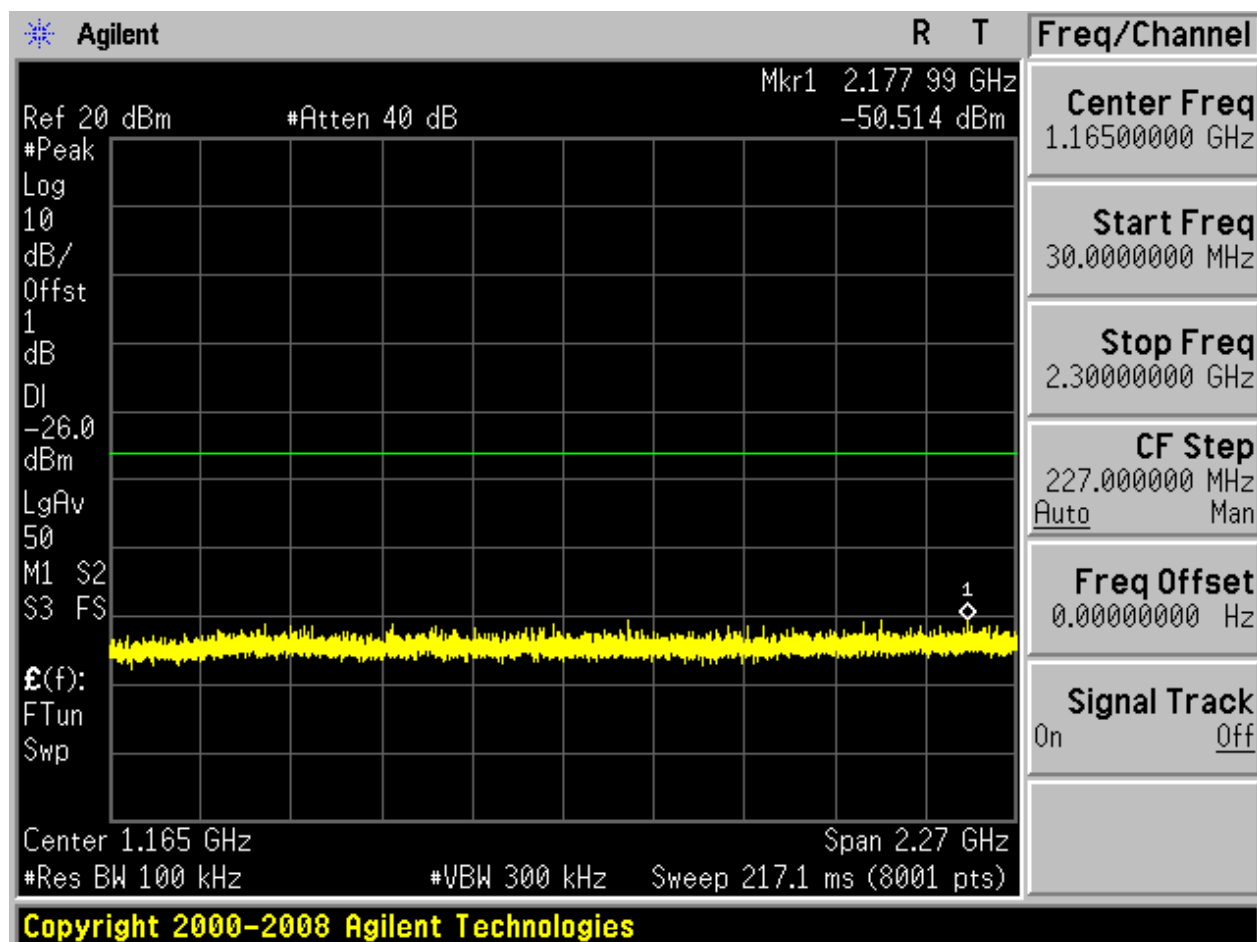


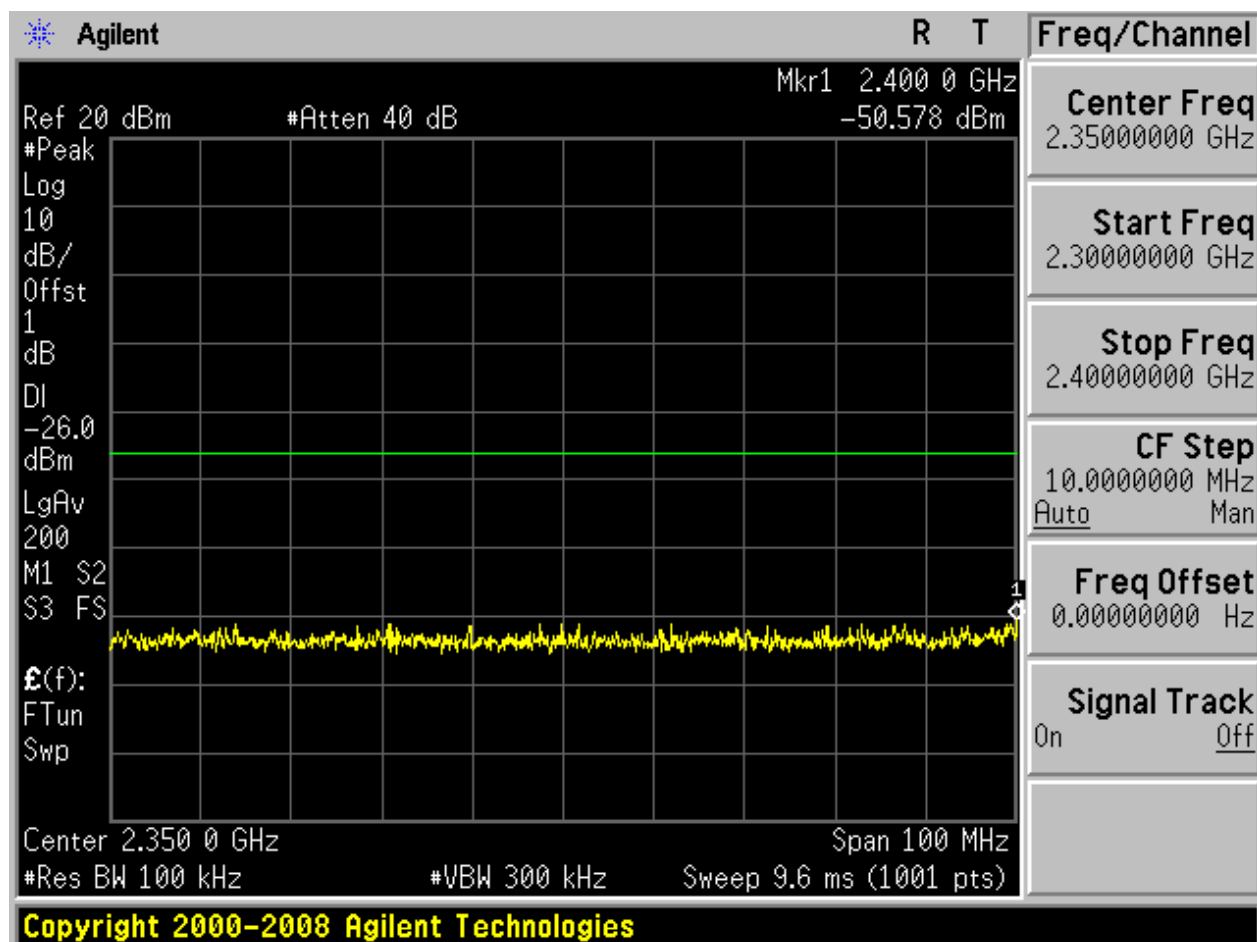


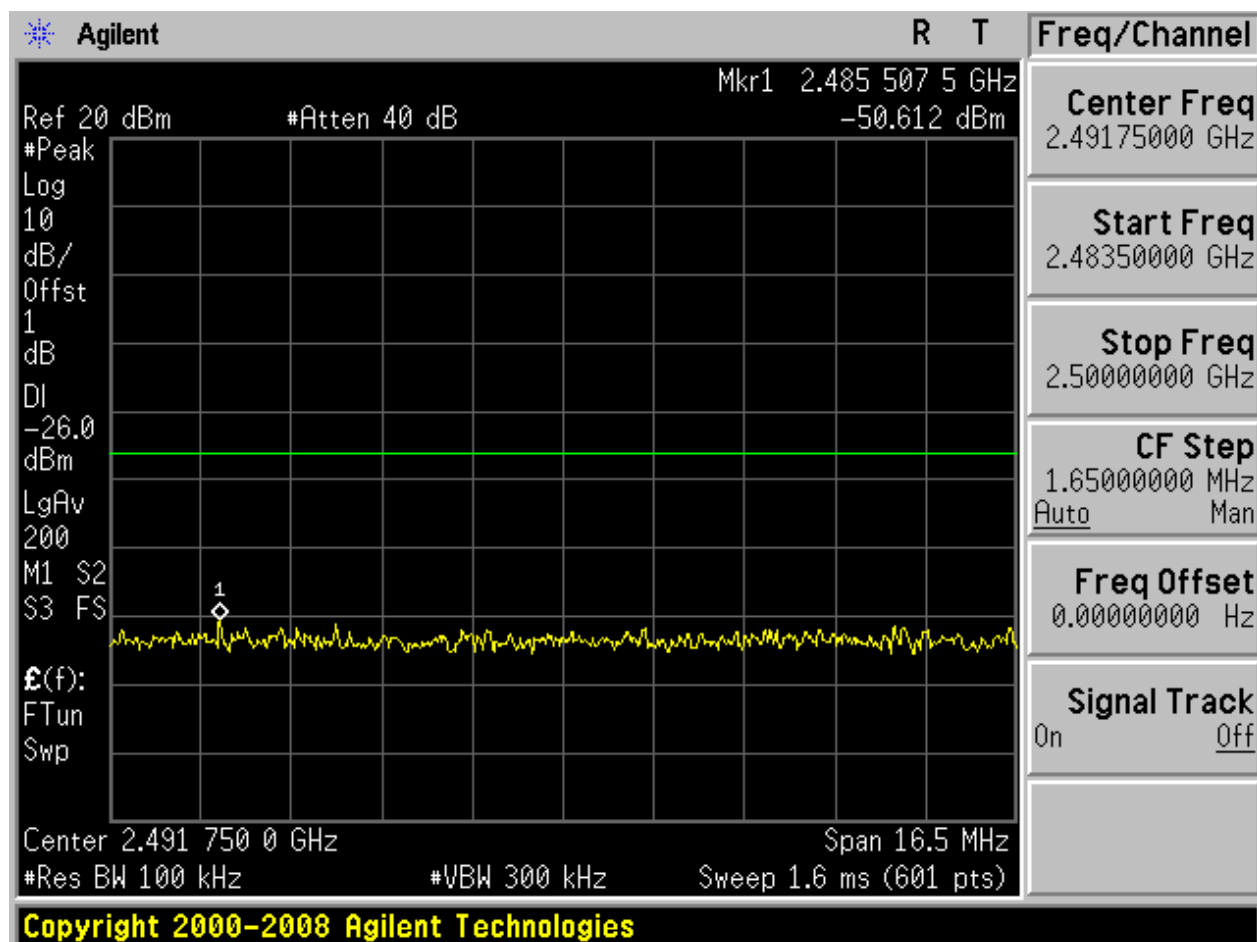
Puw:

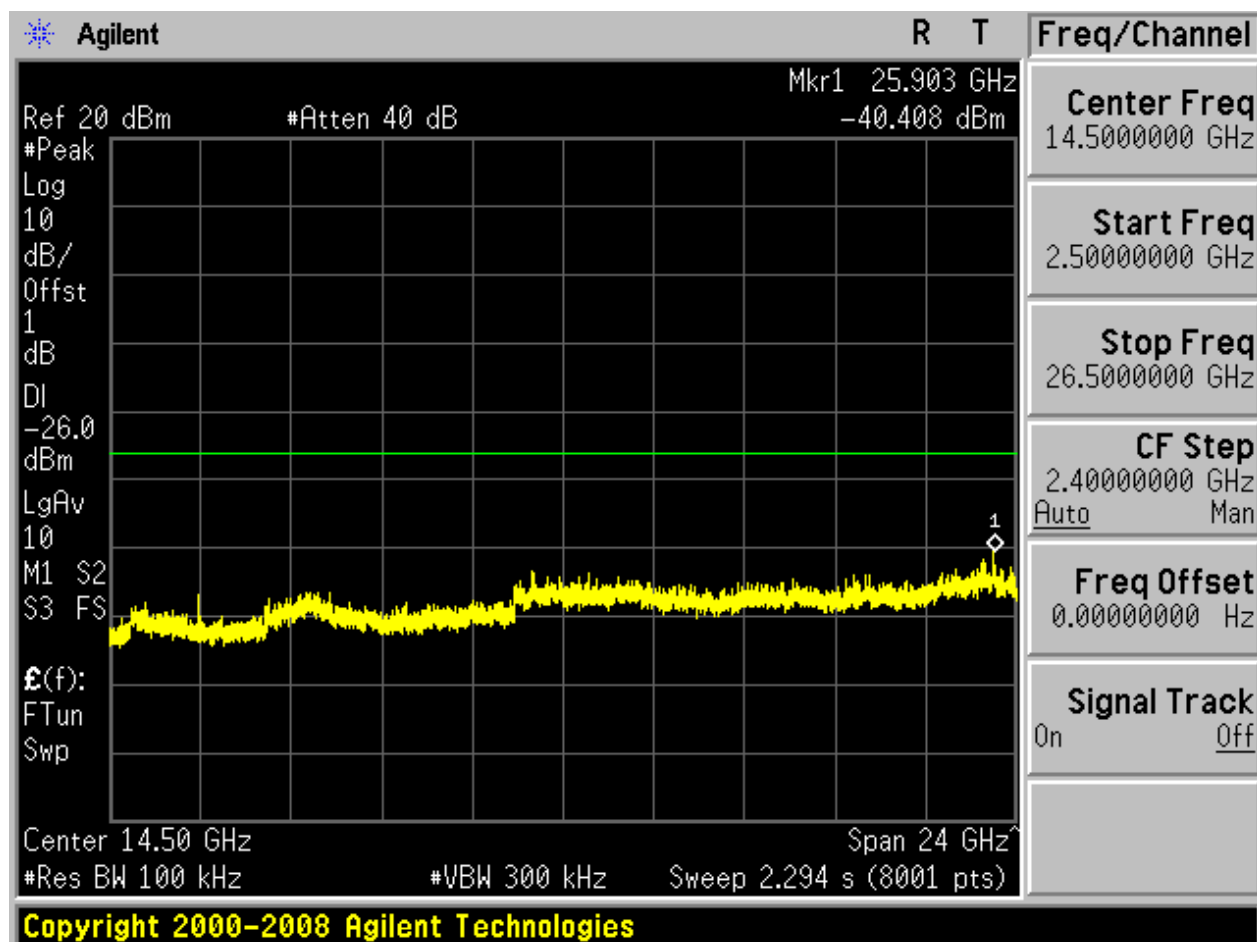








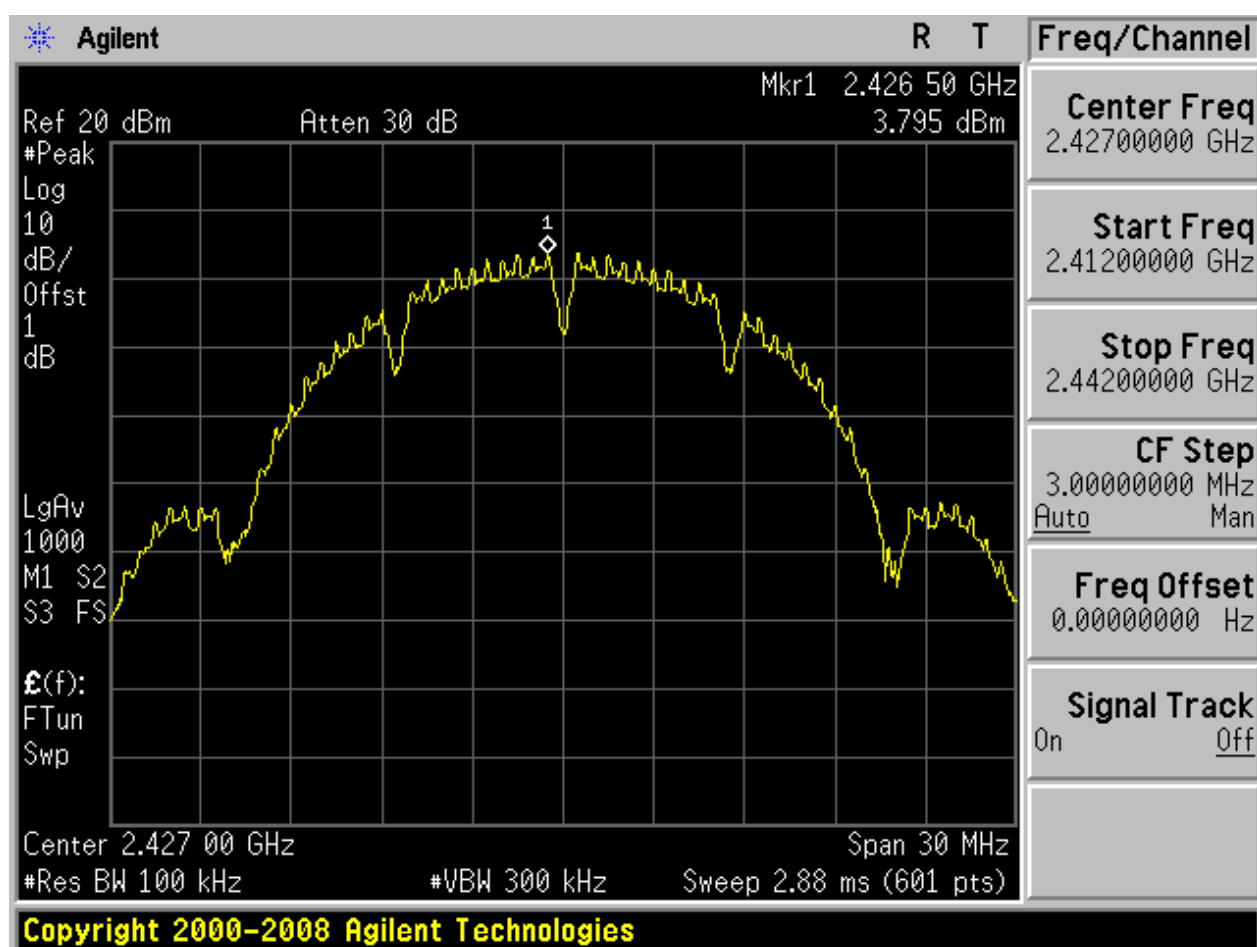






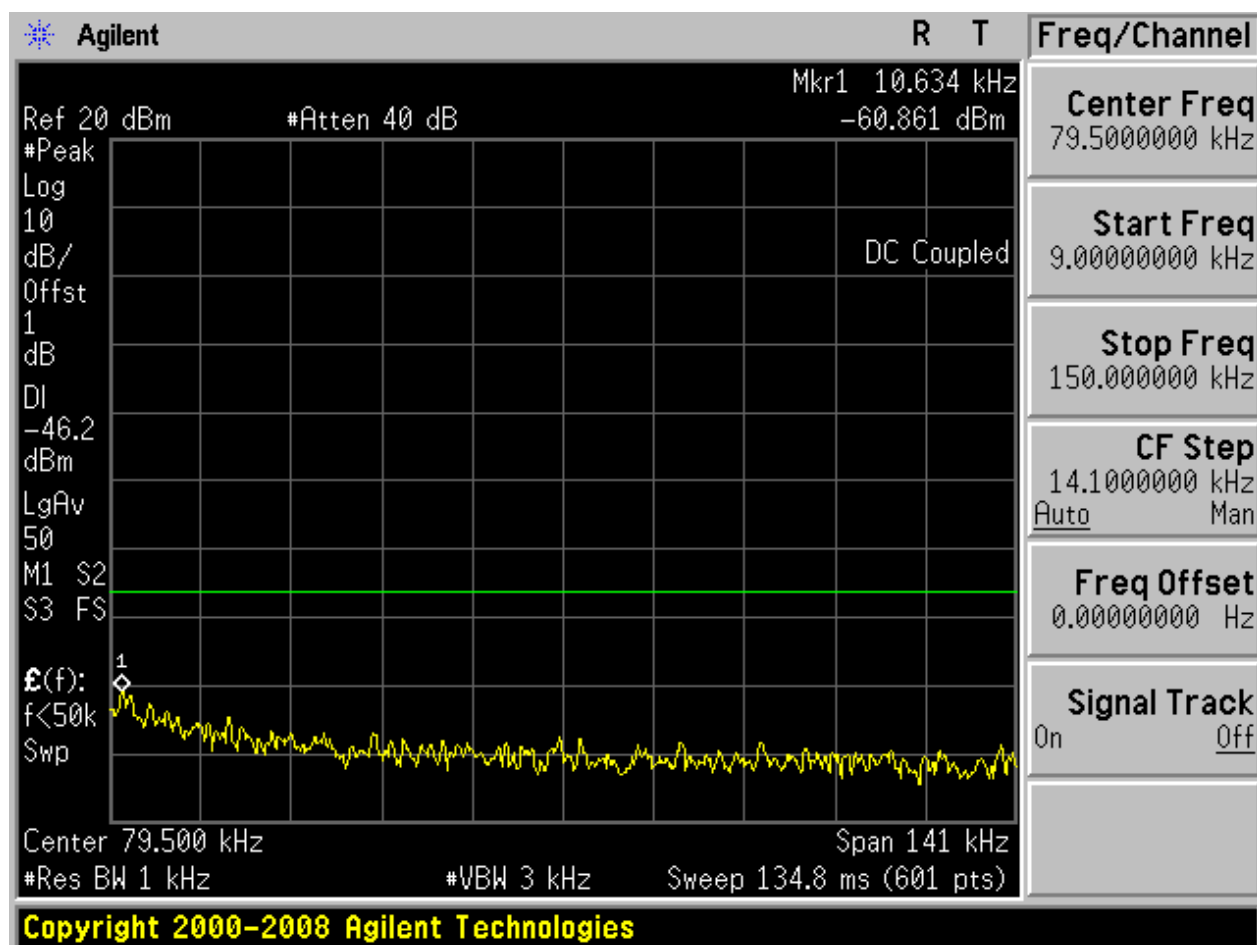
2.4 11B_M@Ant 2

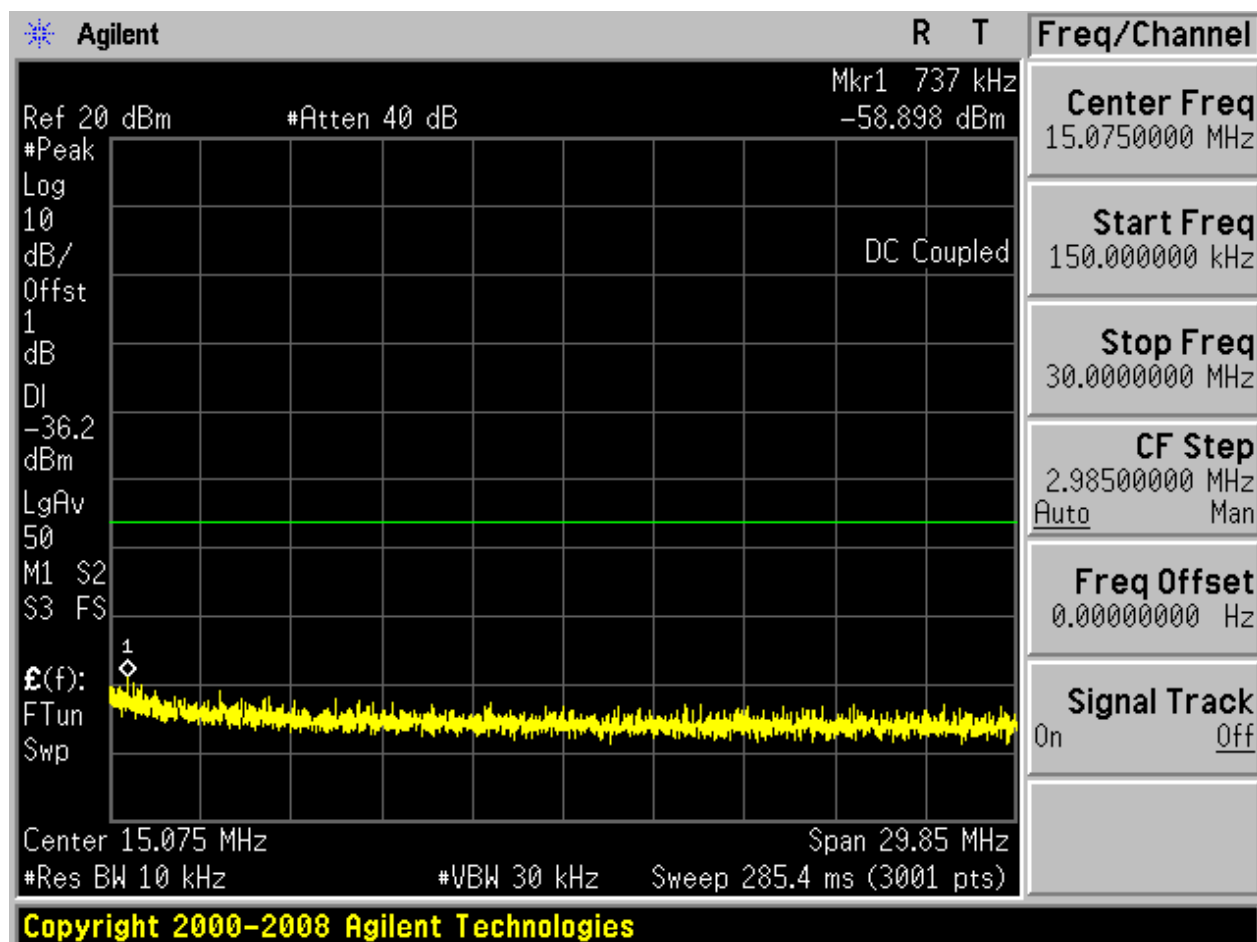
Pref:

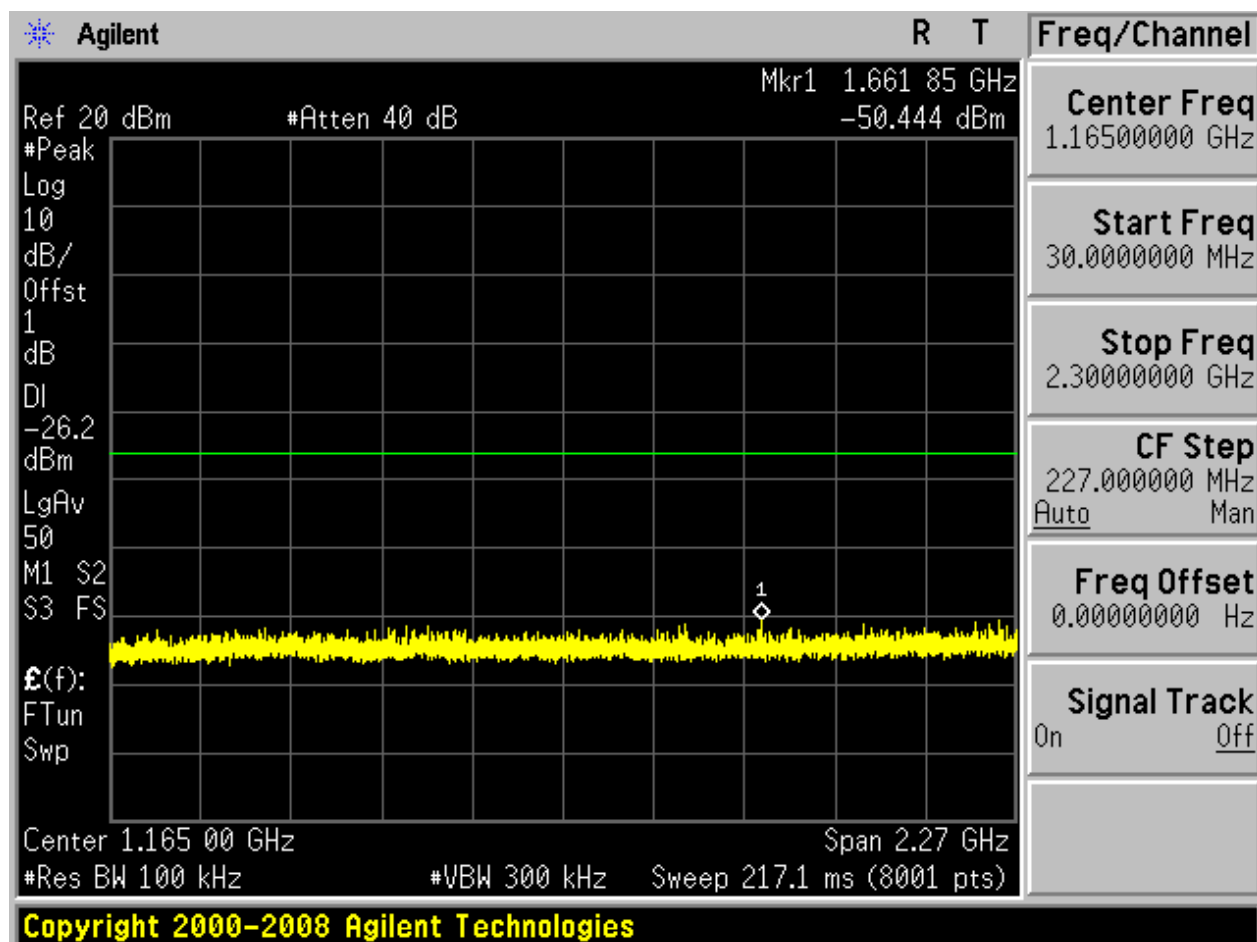


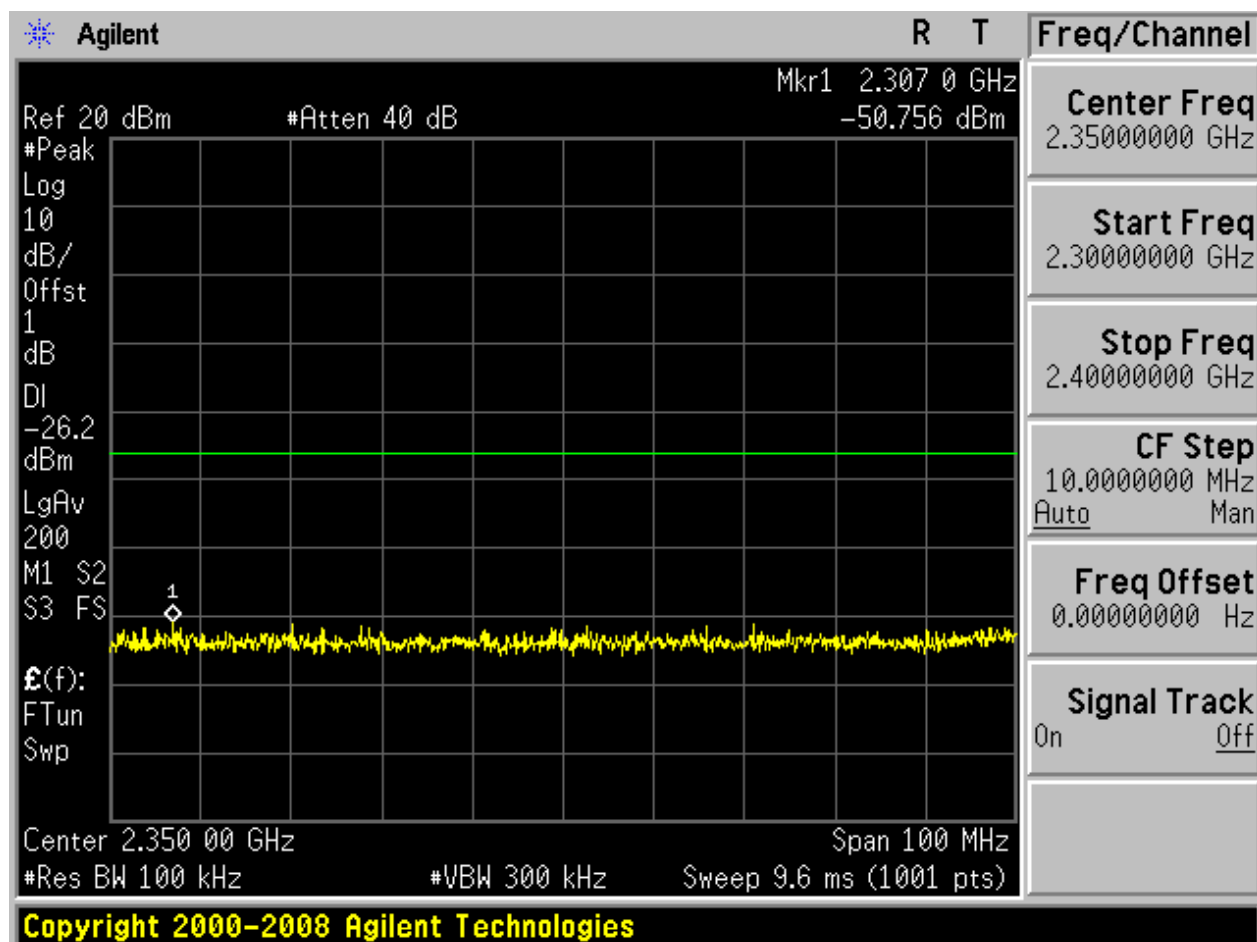


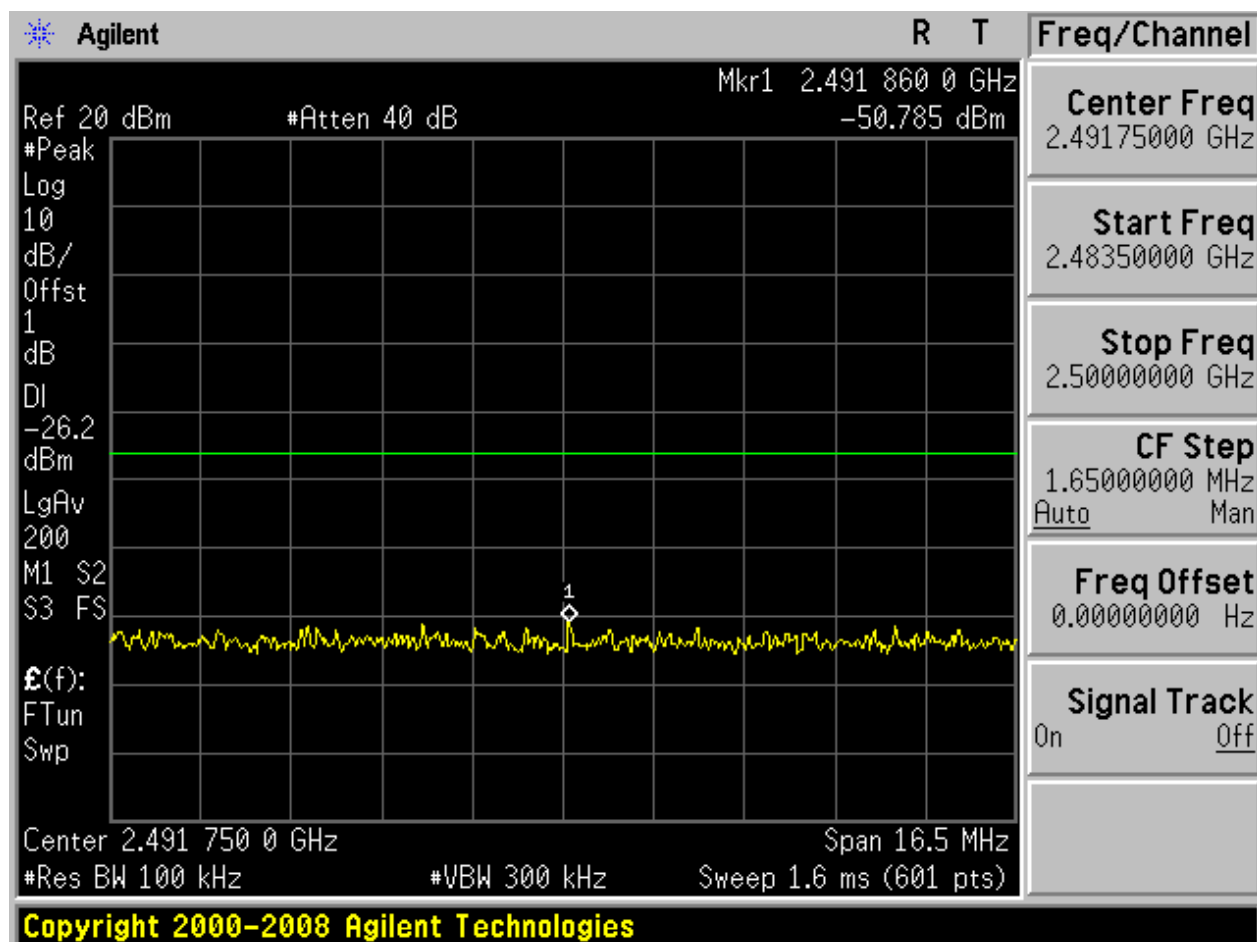
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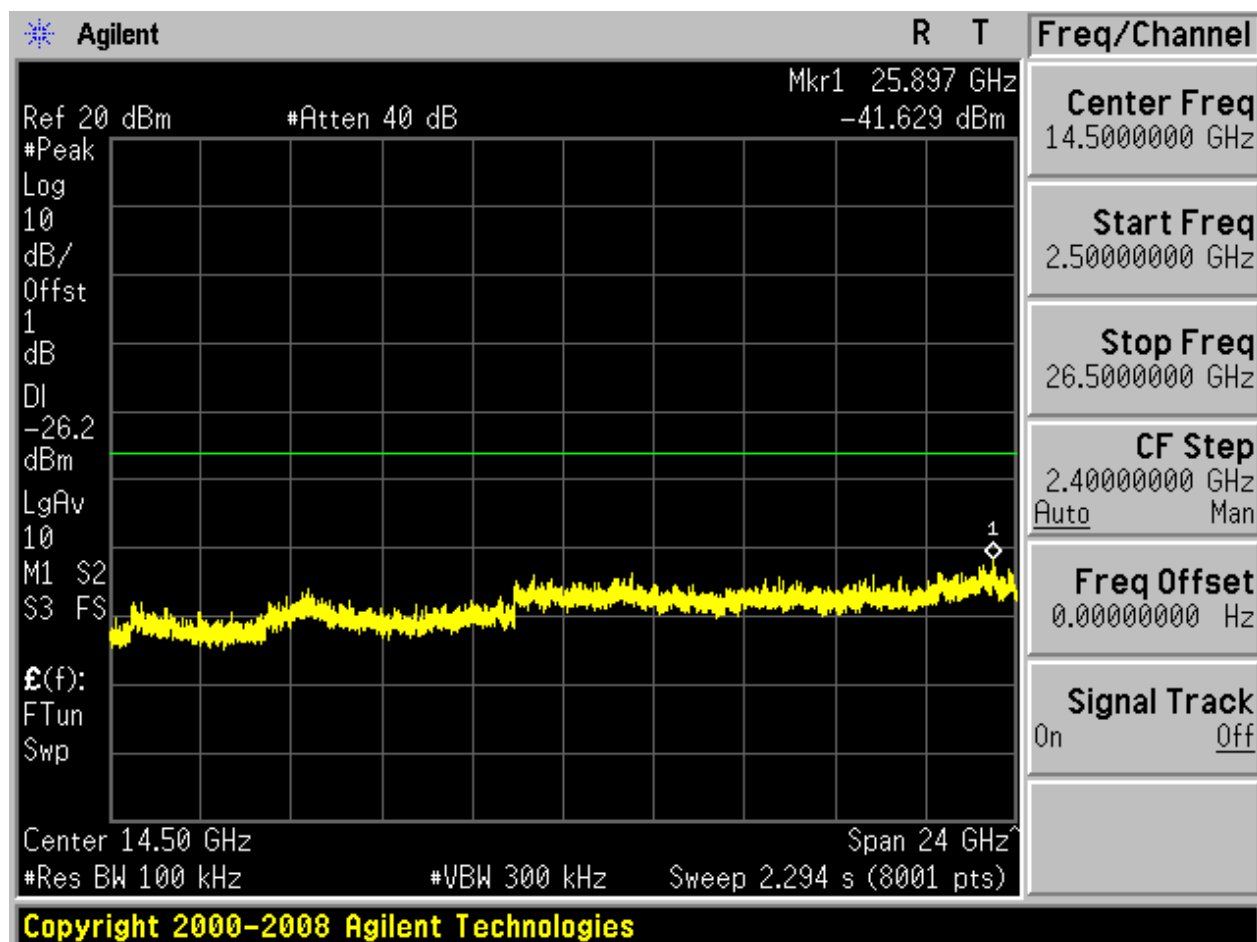








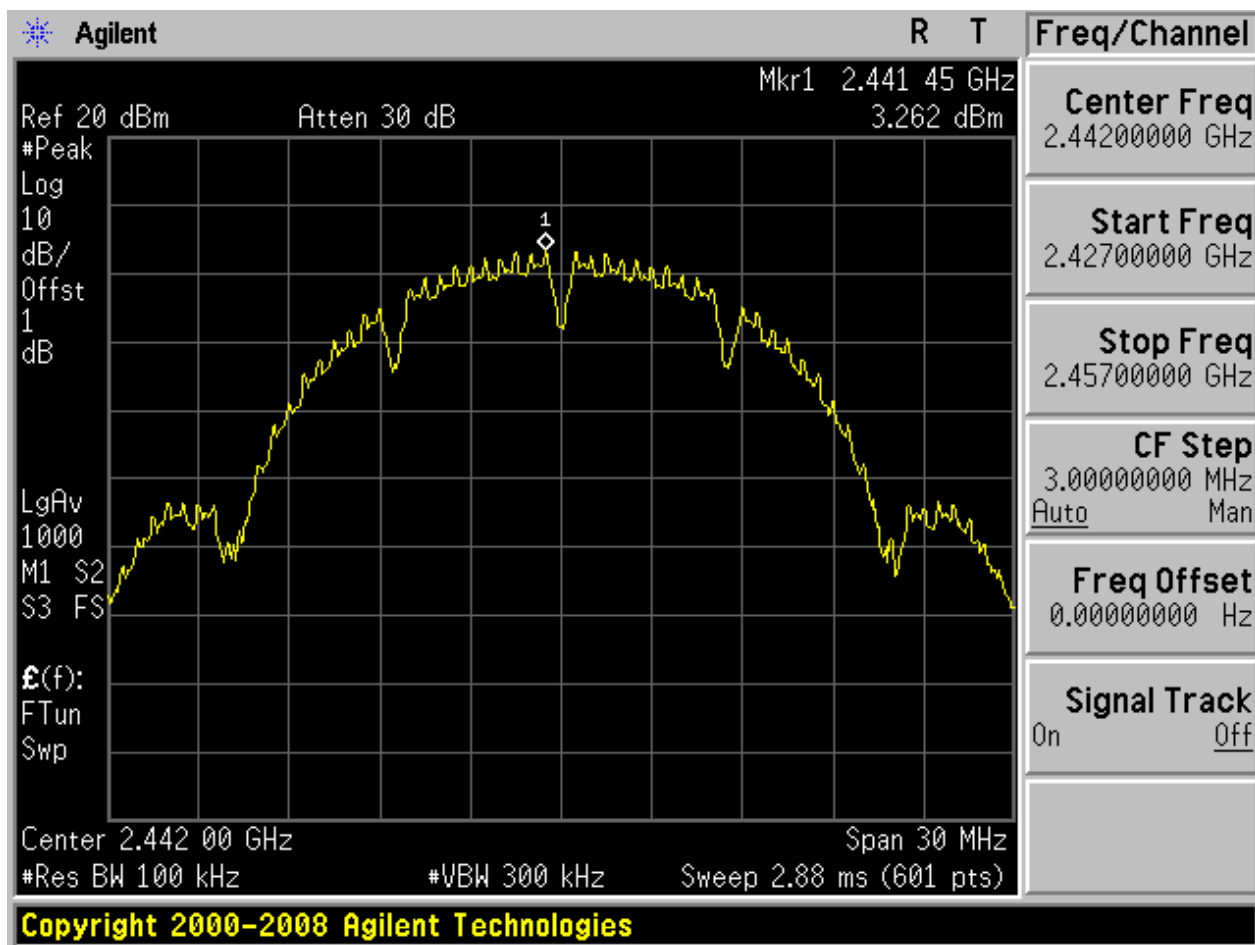






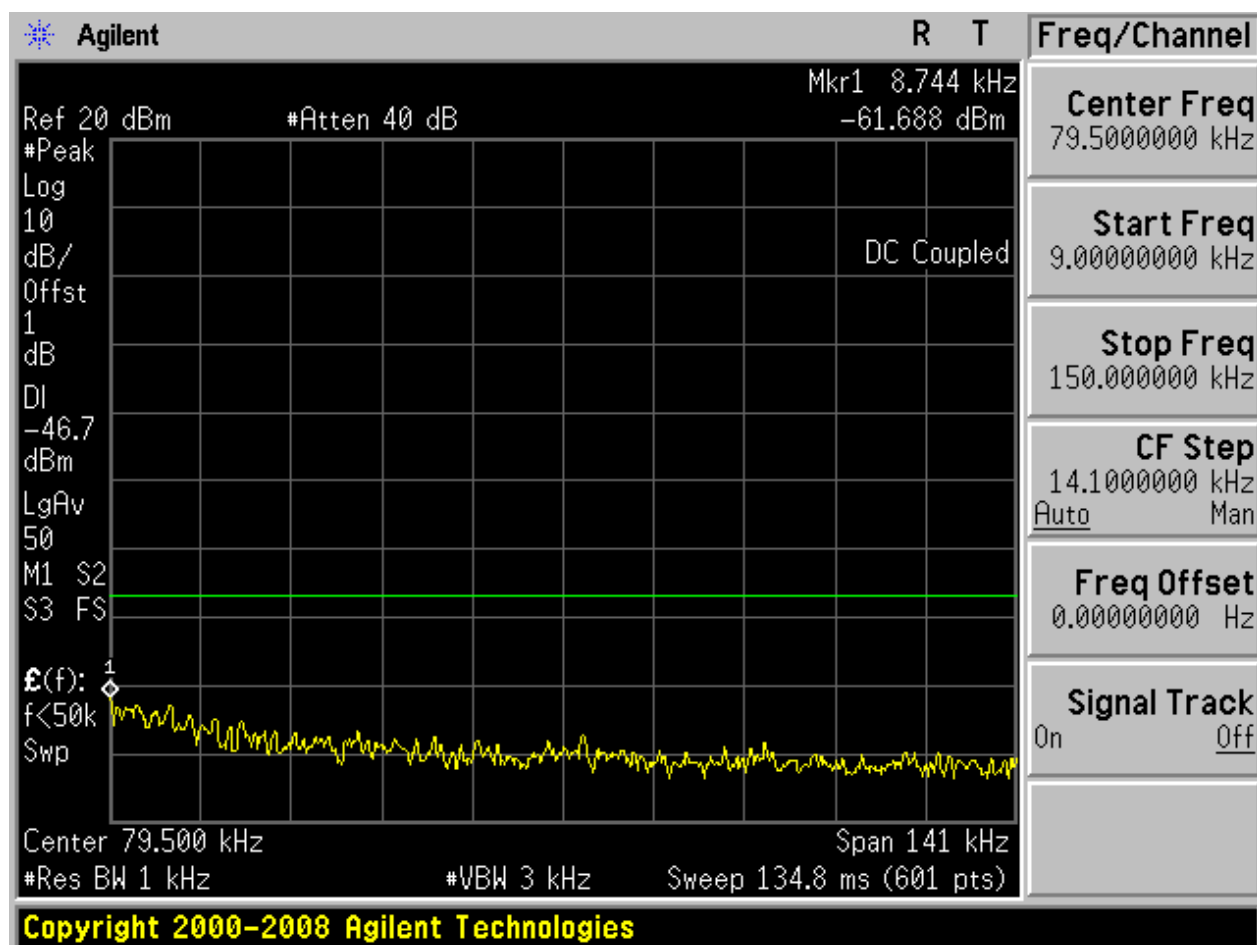
2.5 11B_H@Ant 1

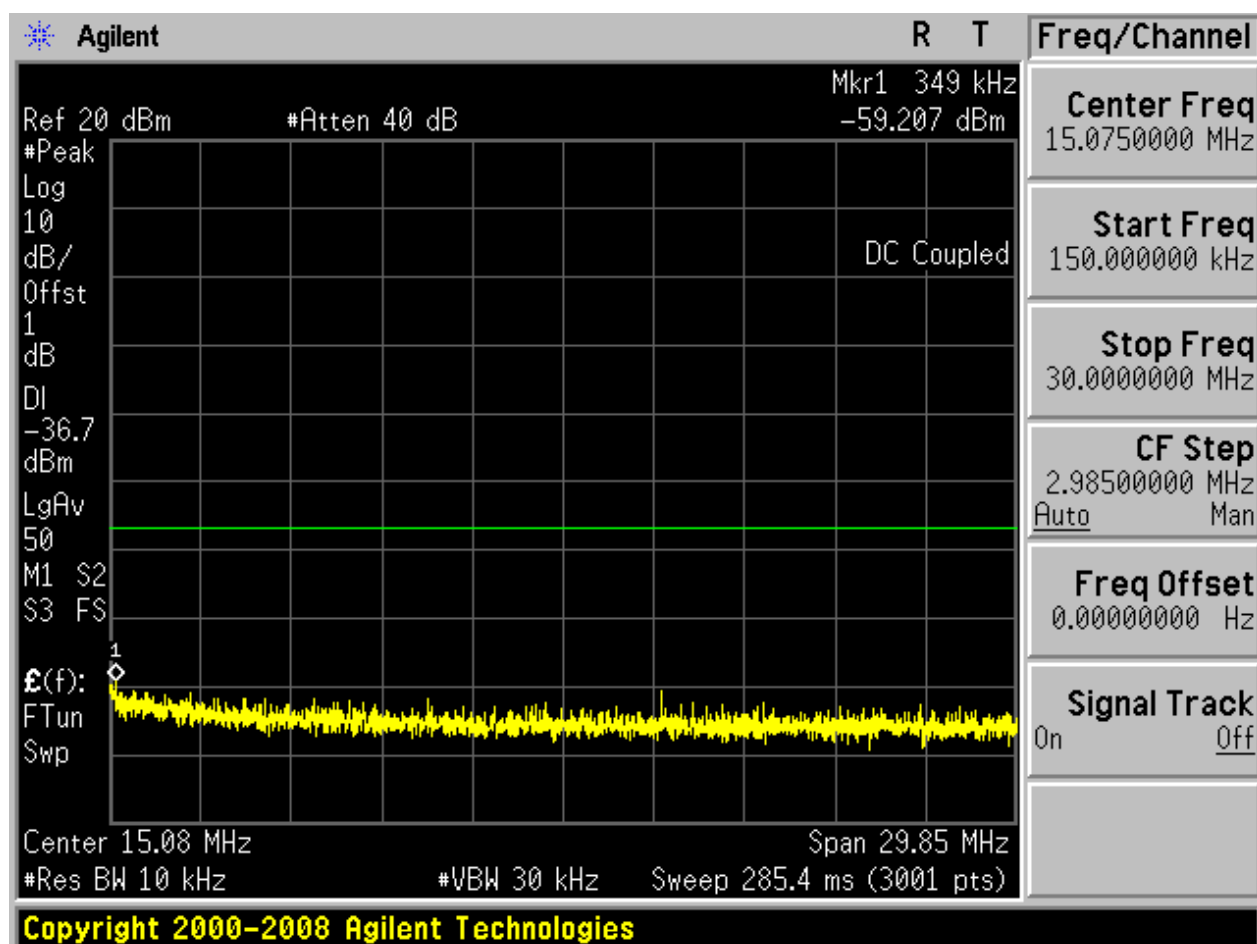
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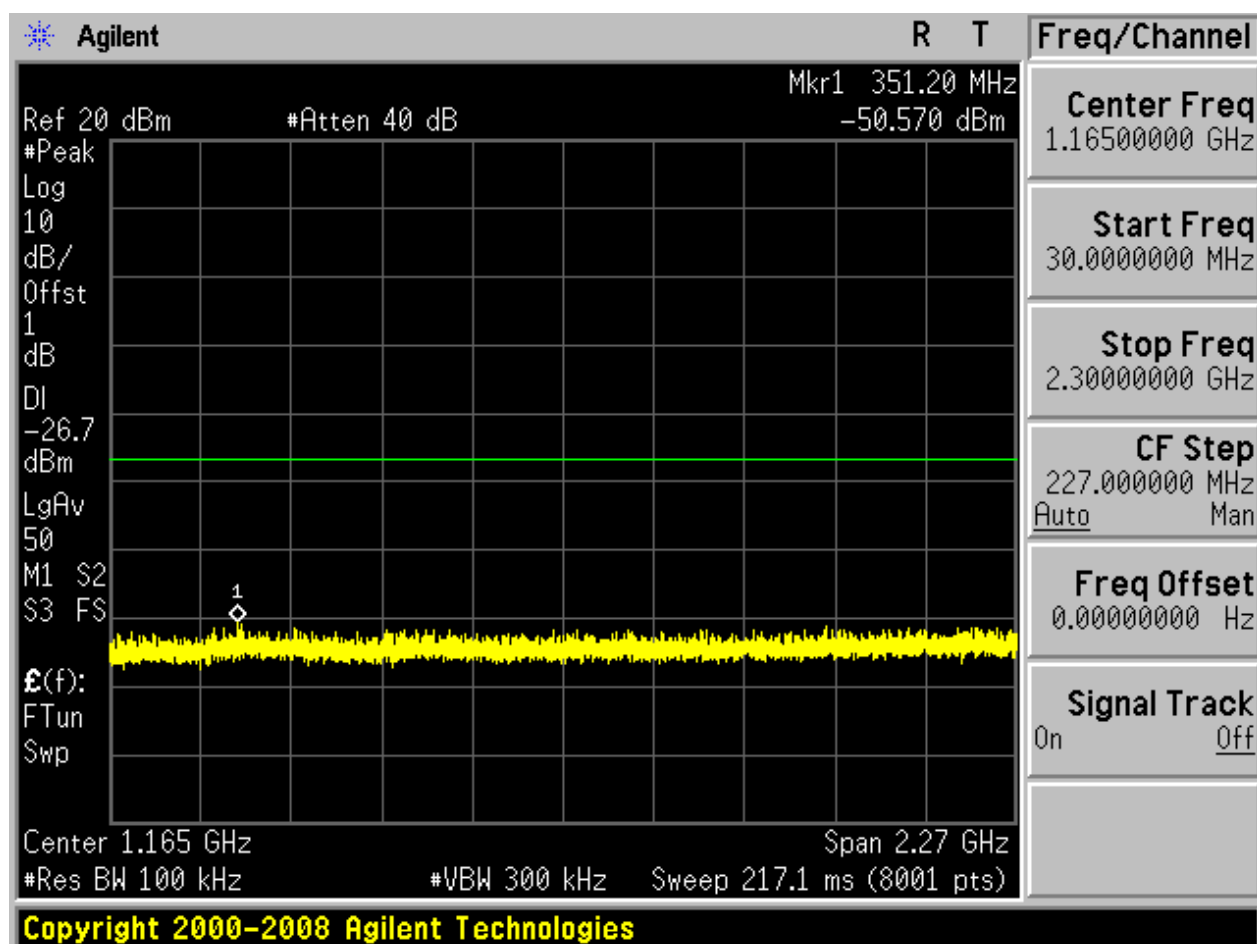


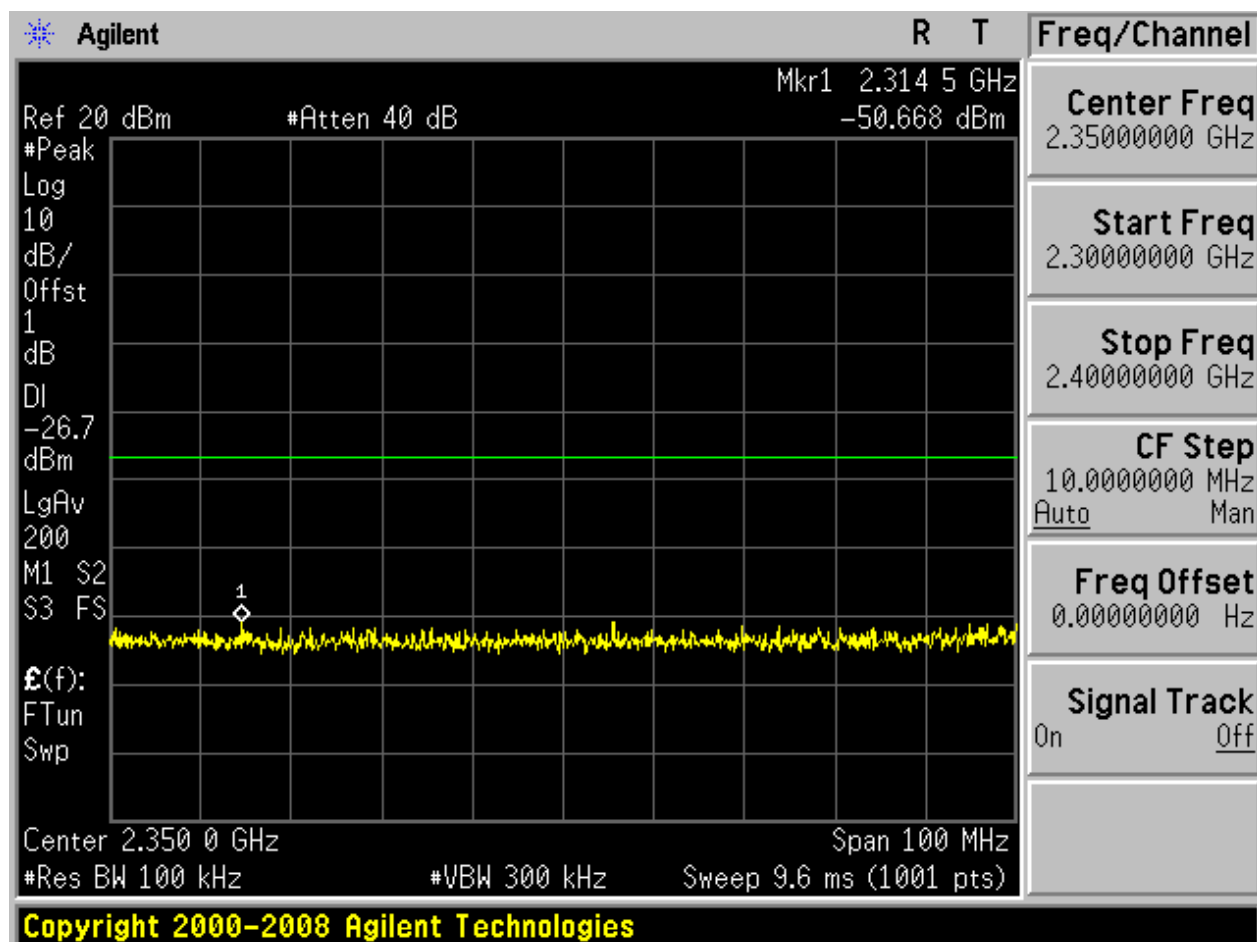


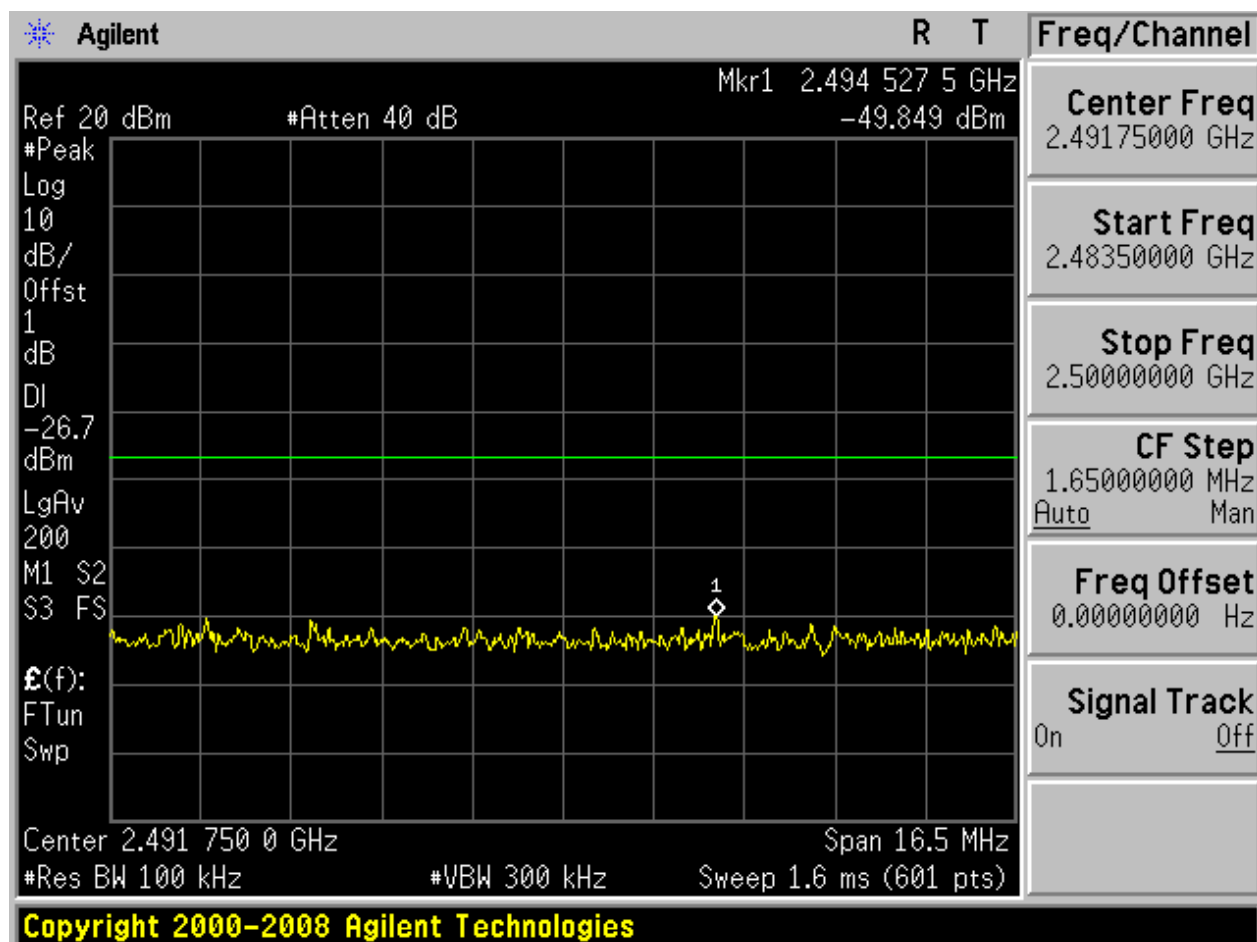
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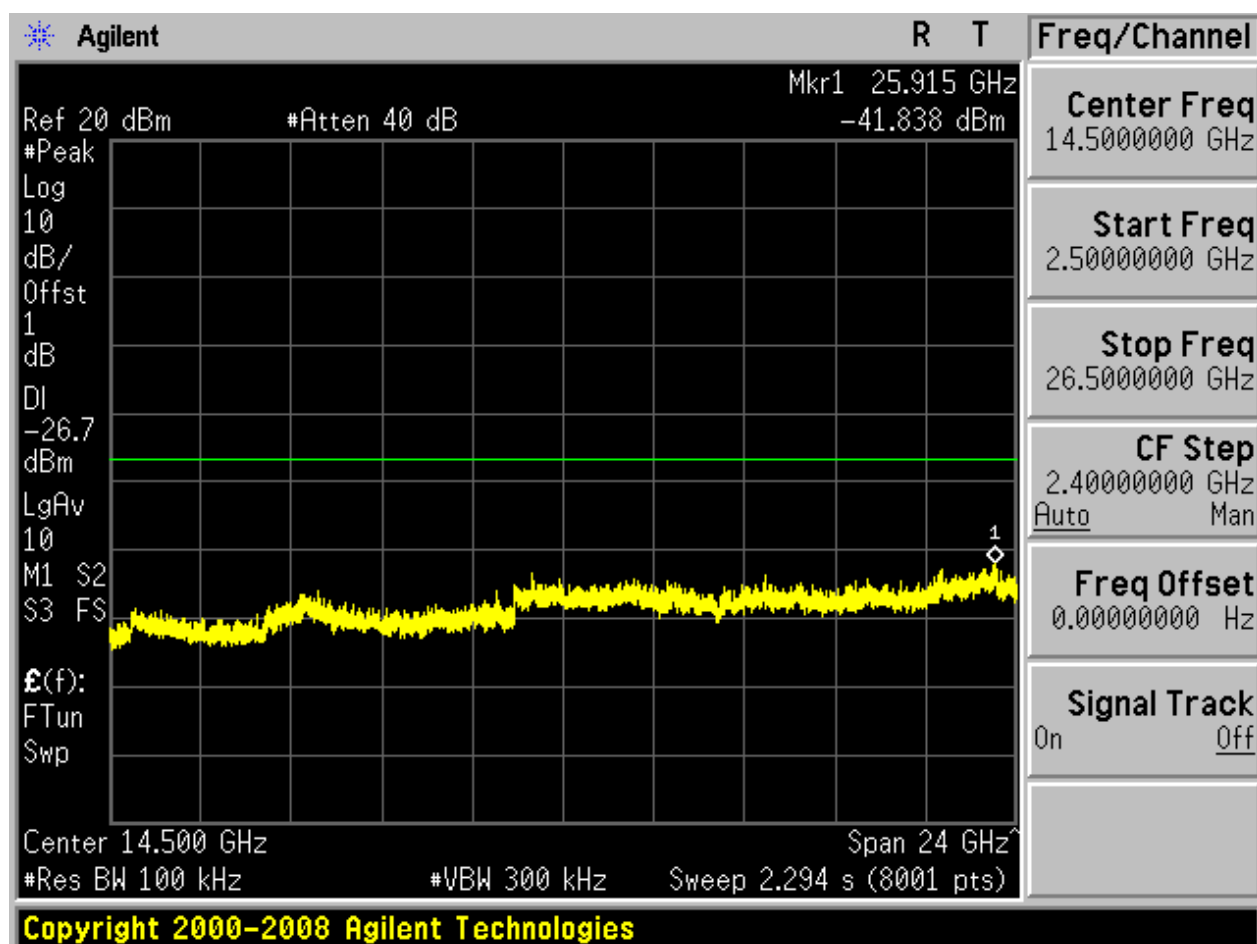








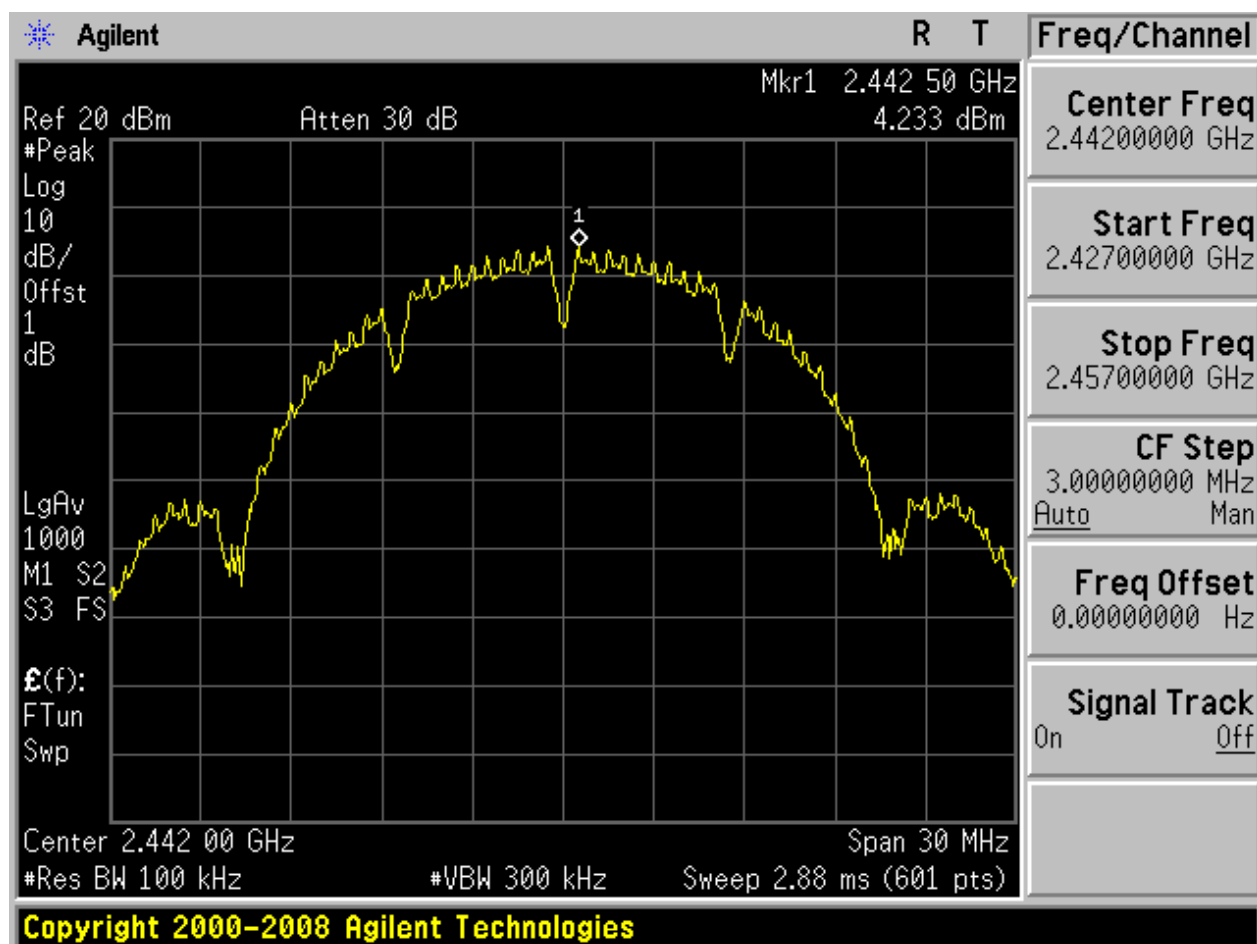






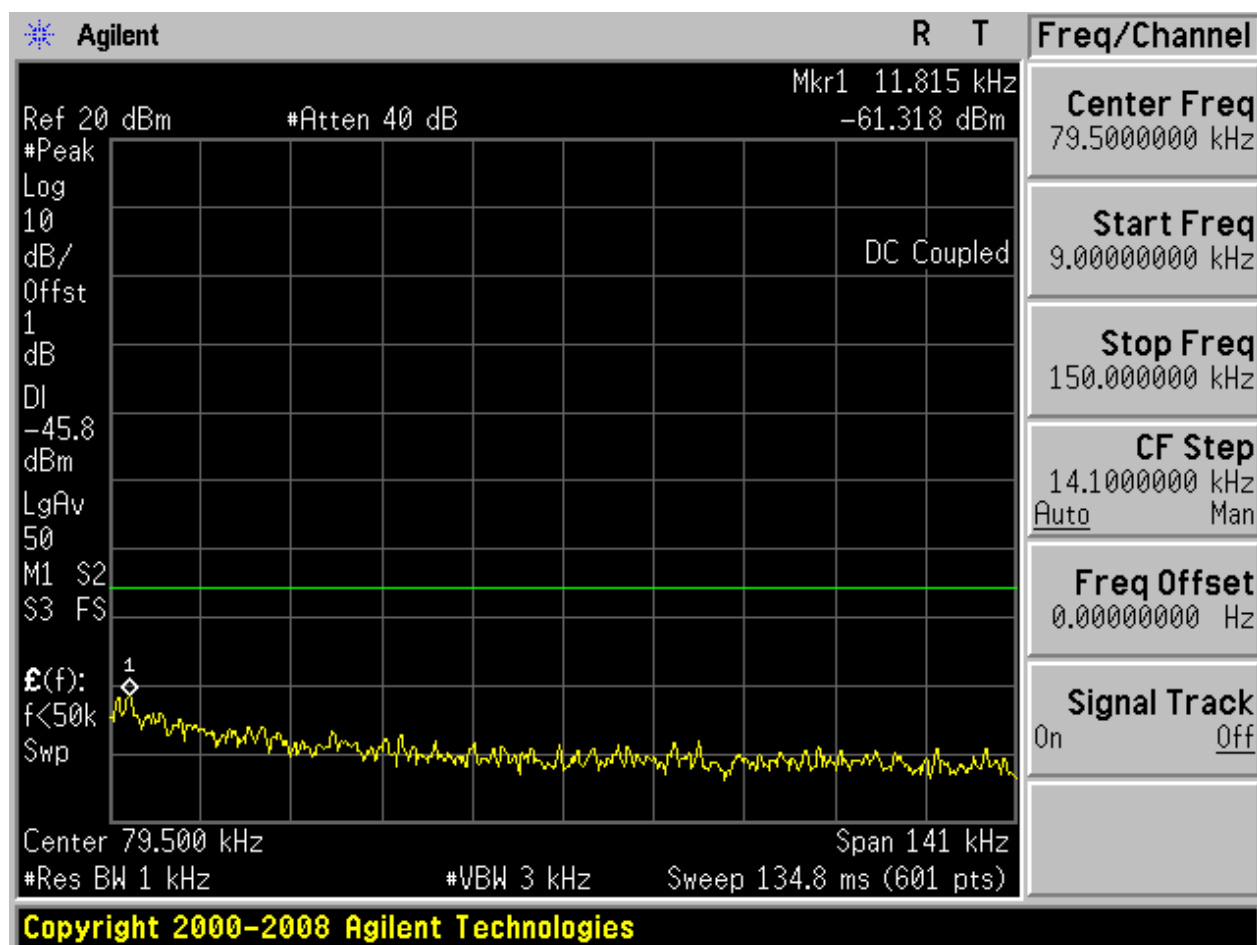
2.6 11B_H@Ant 2

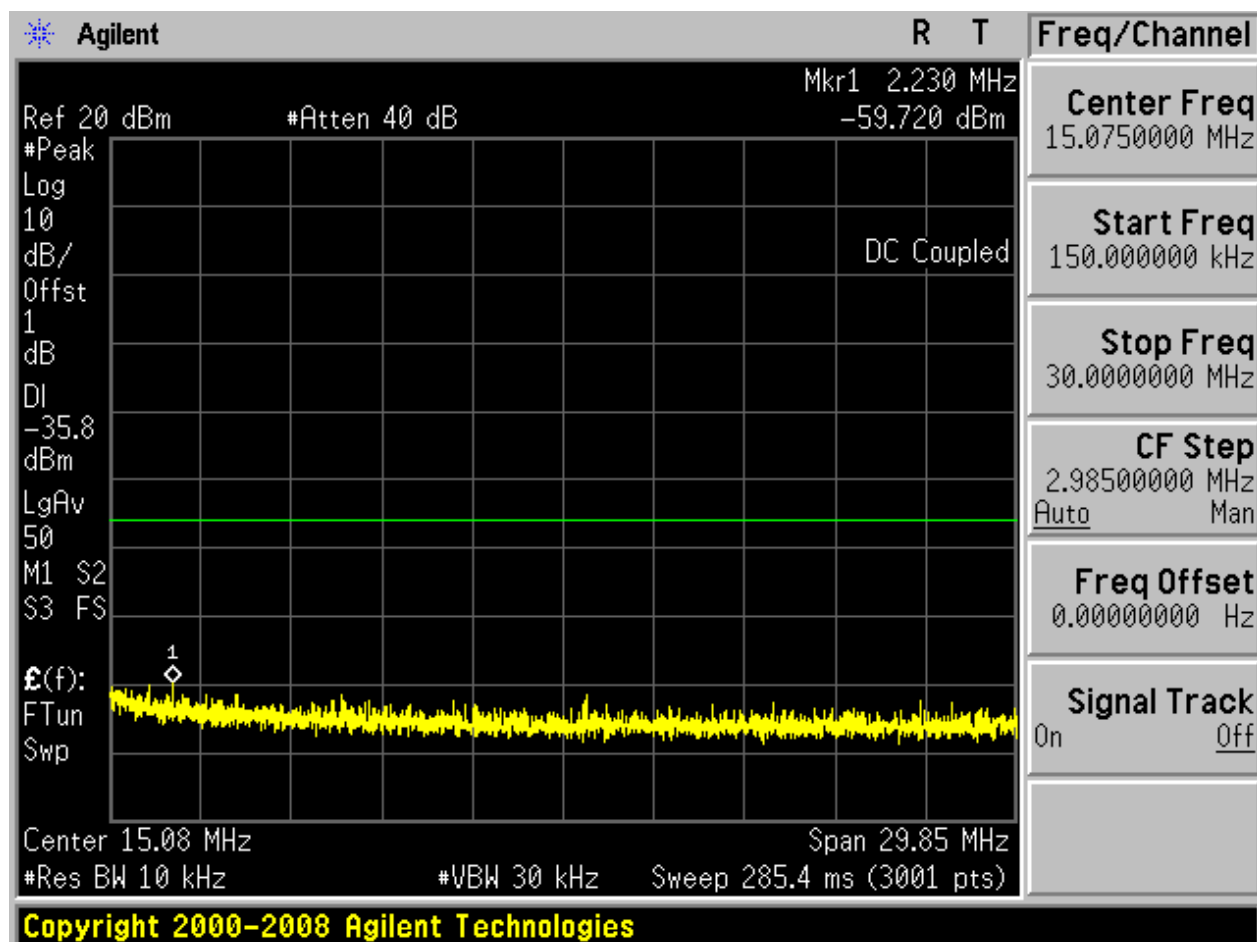
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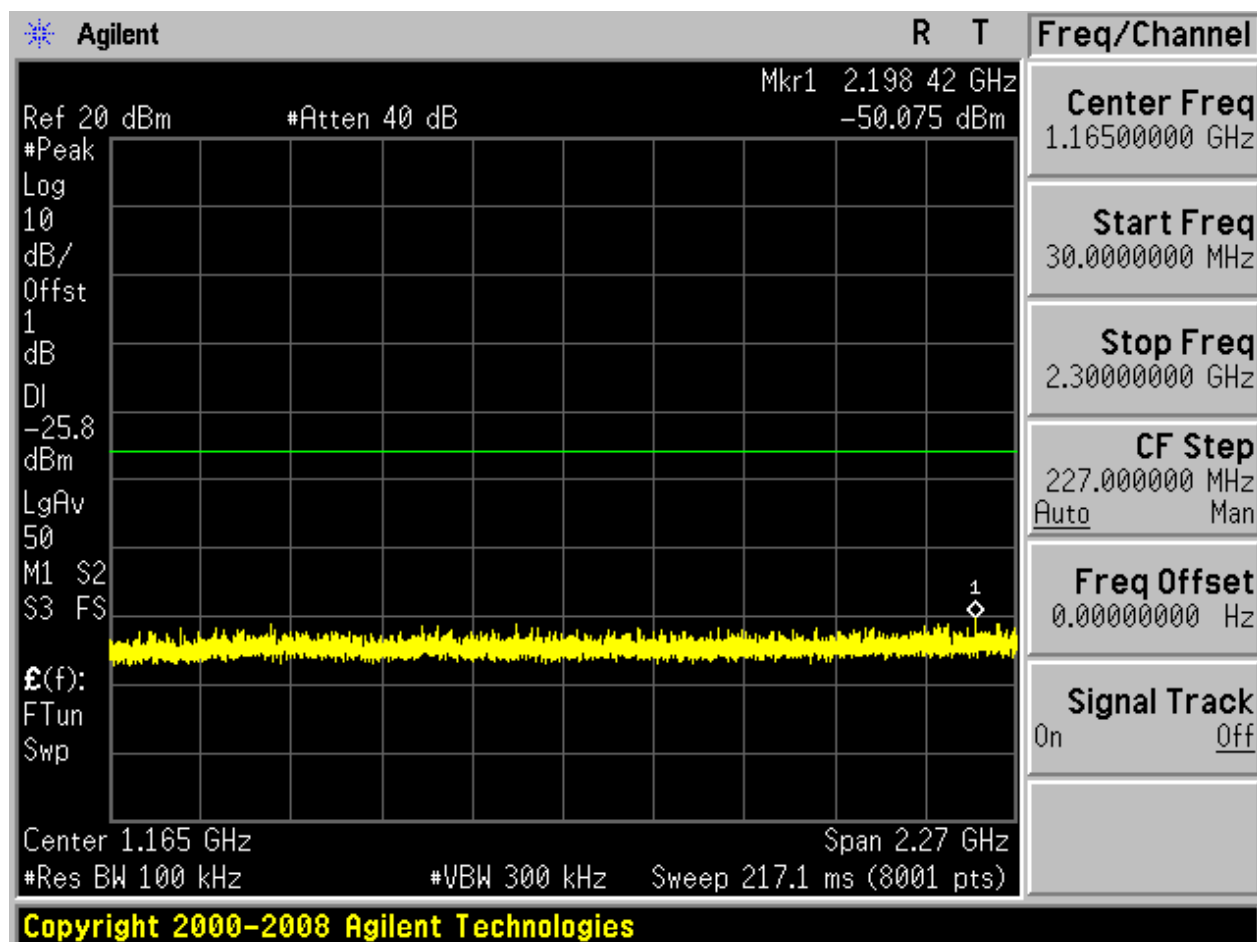


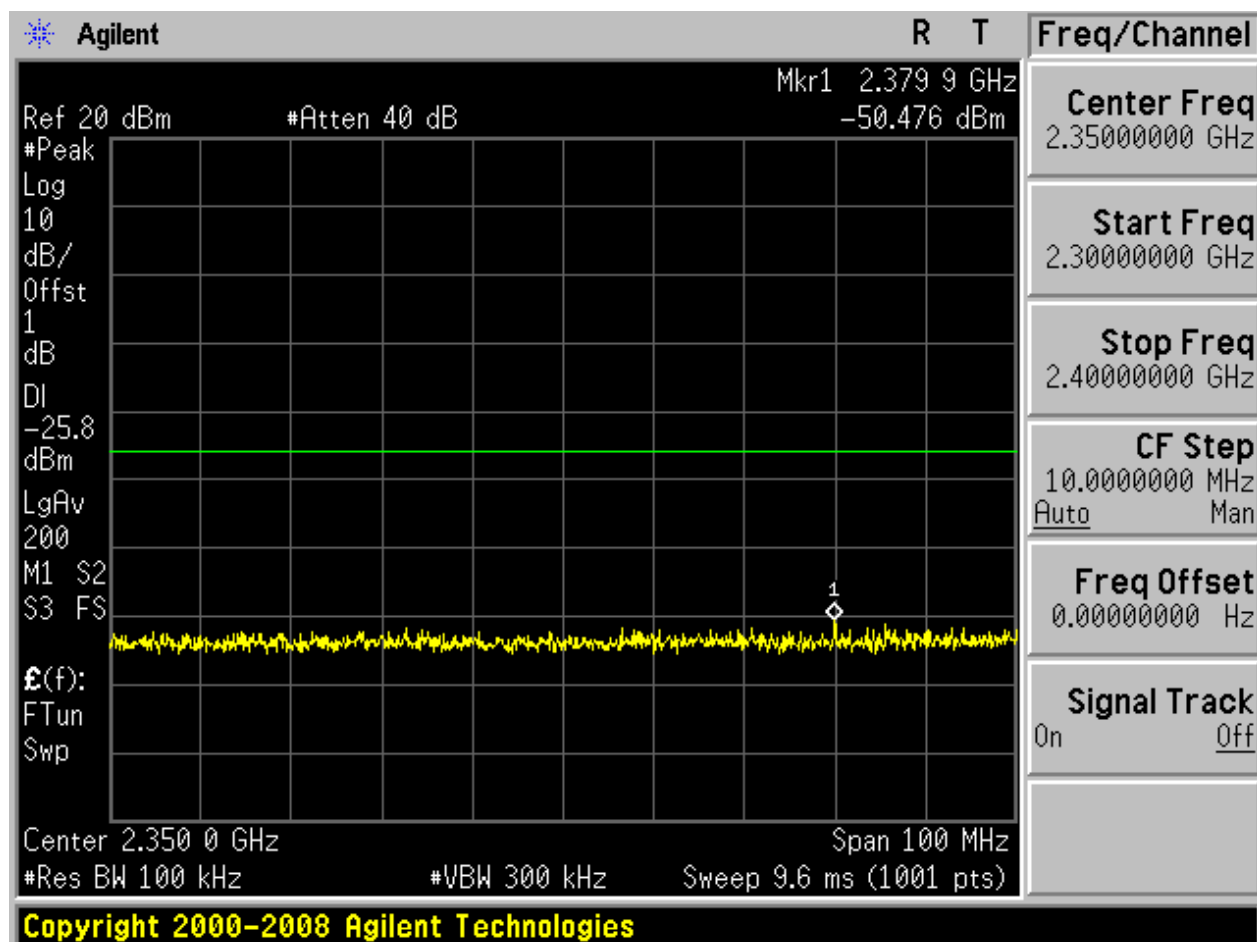


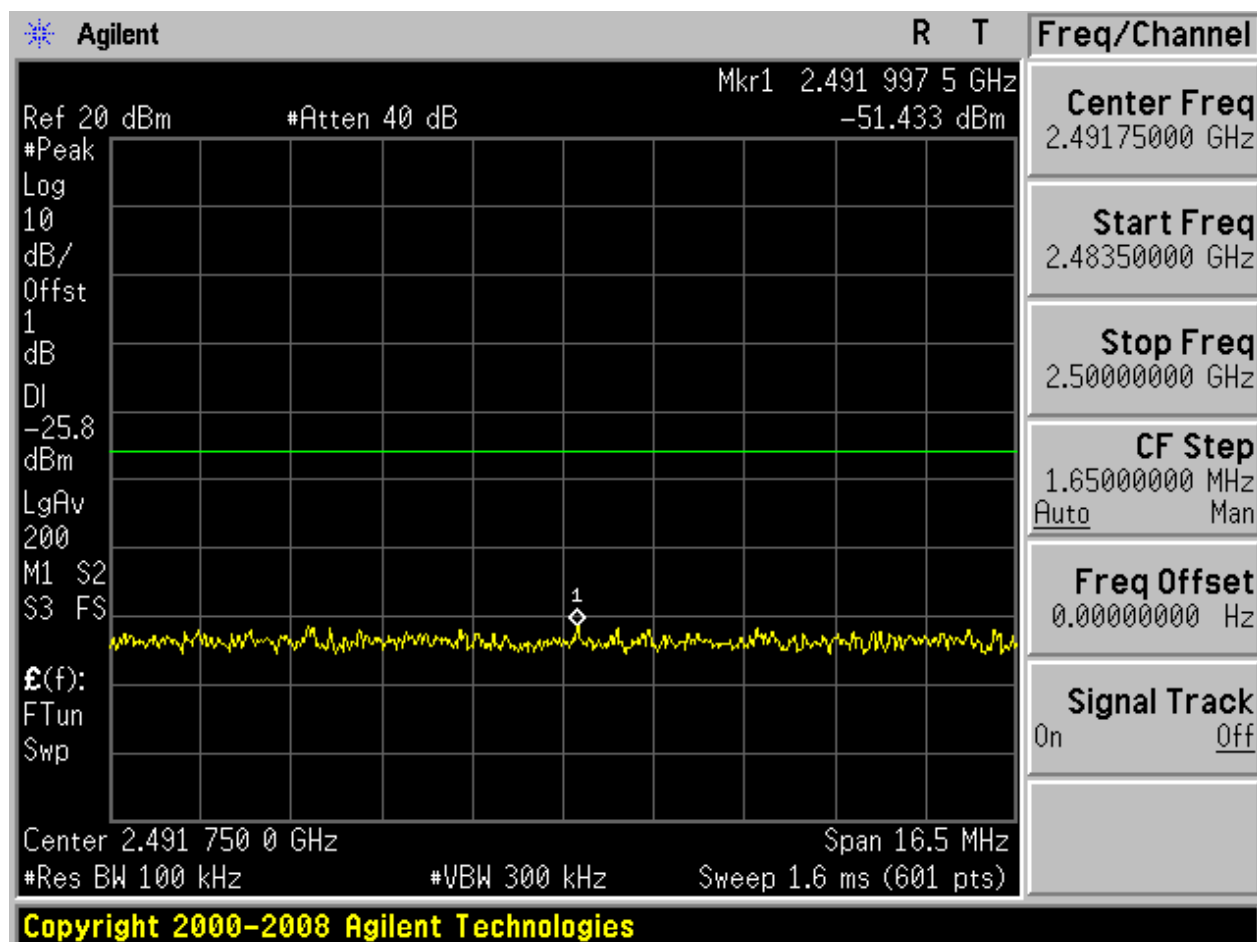
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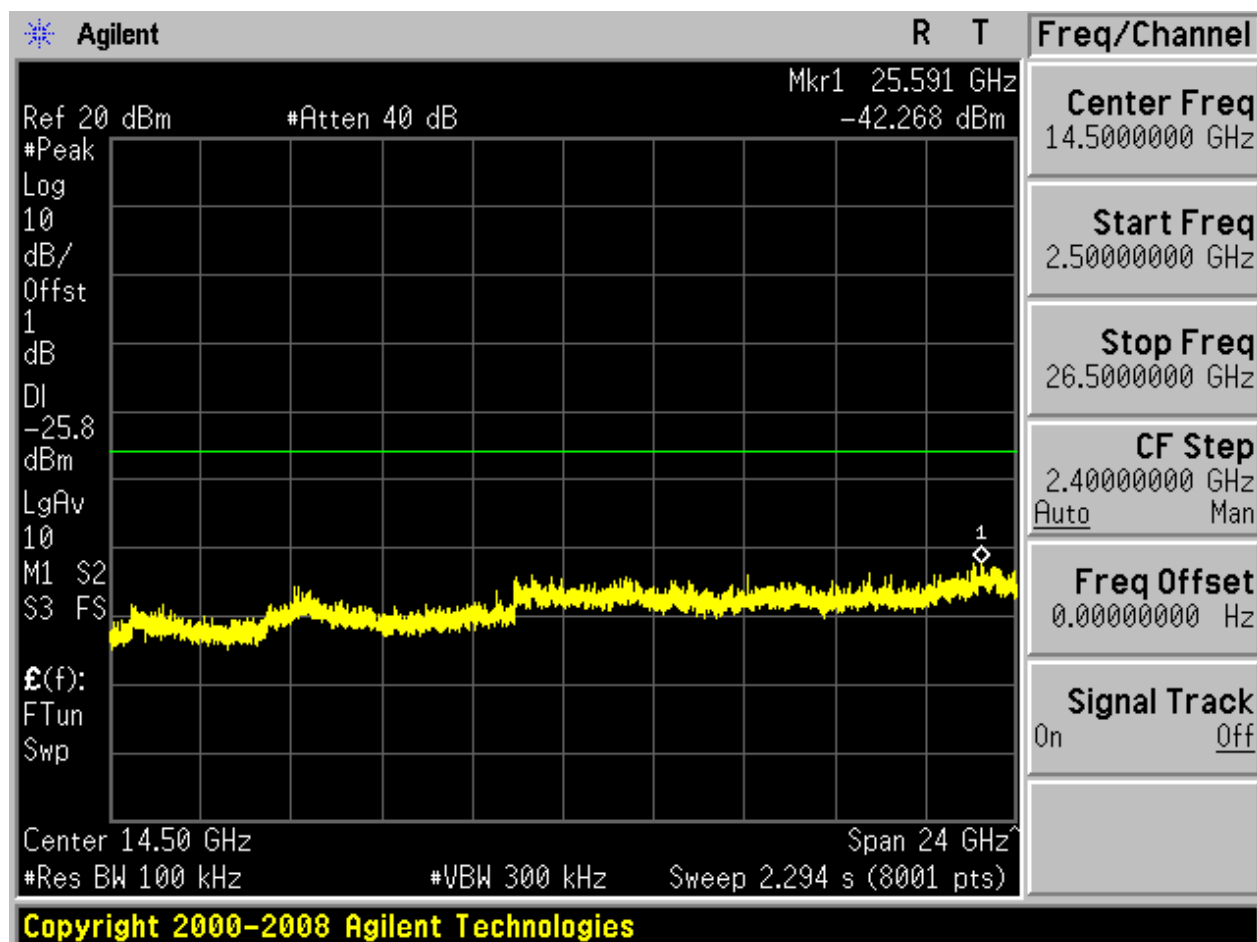








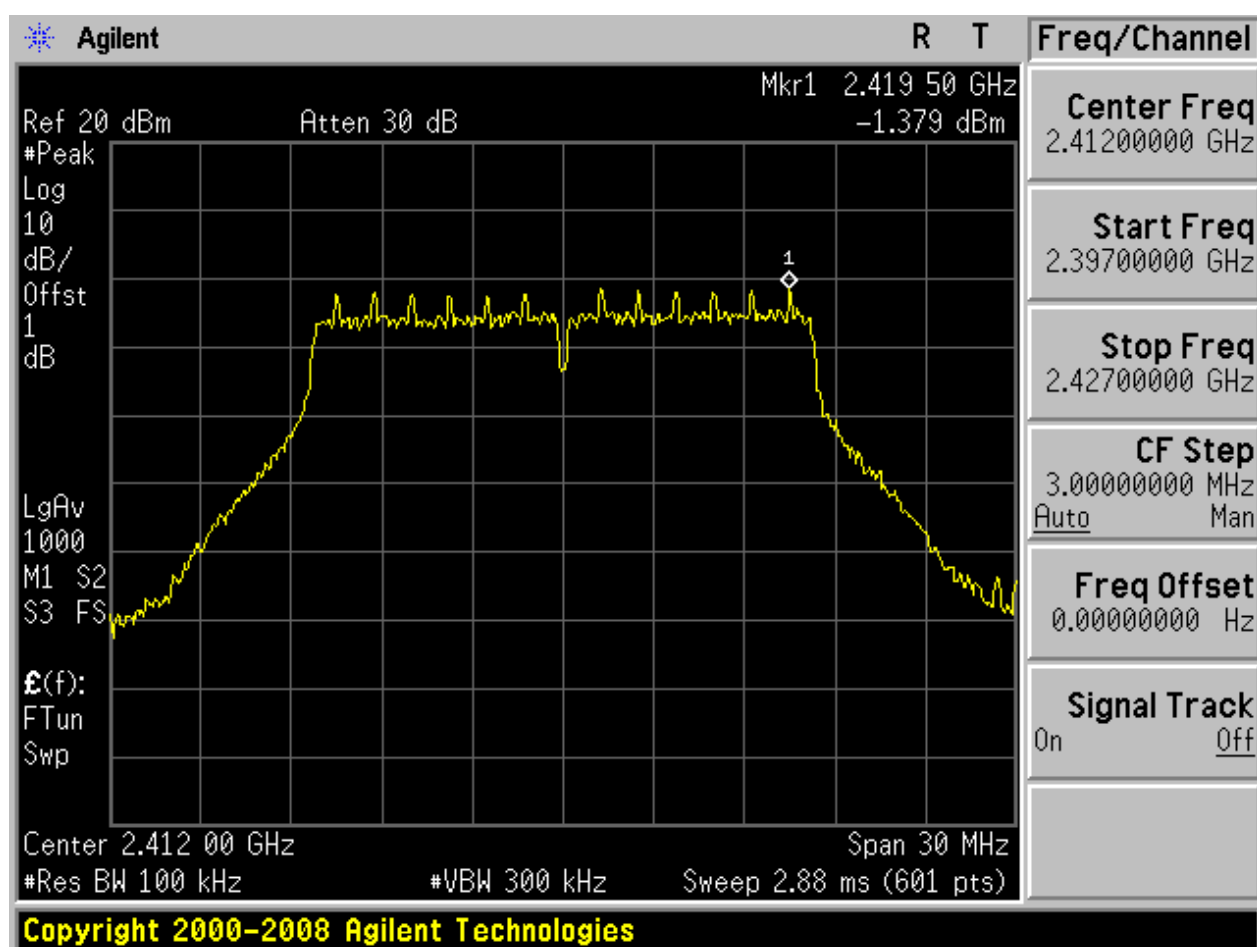






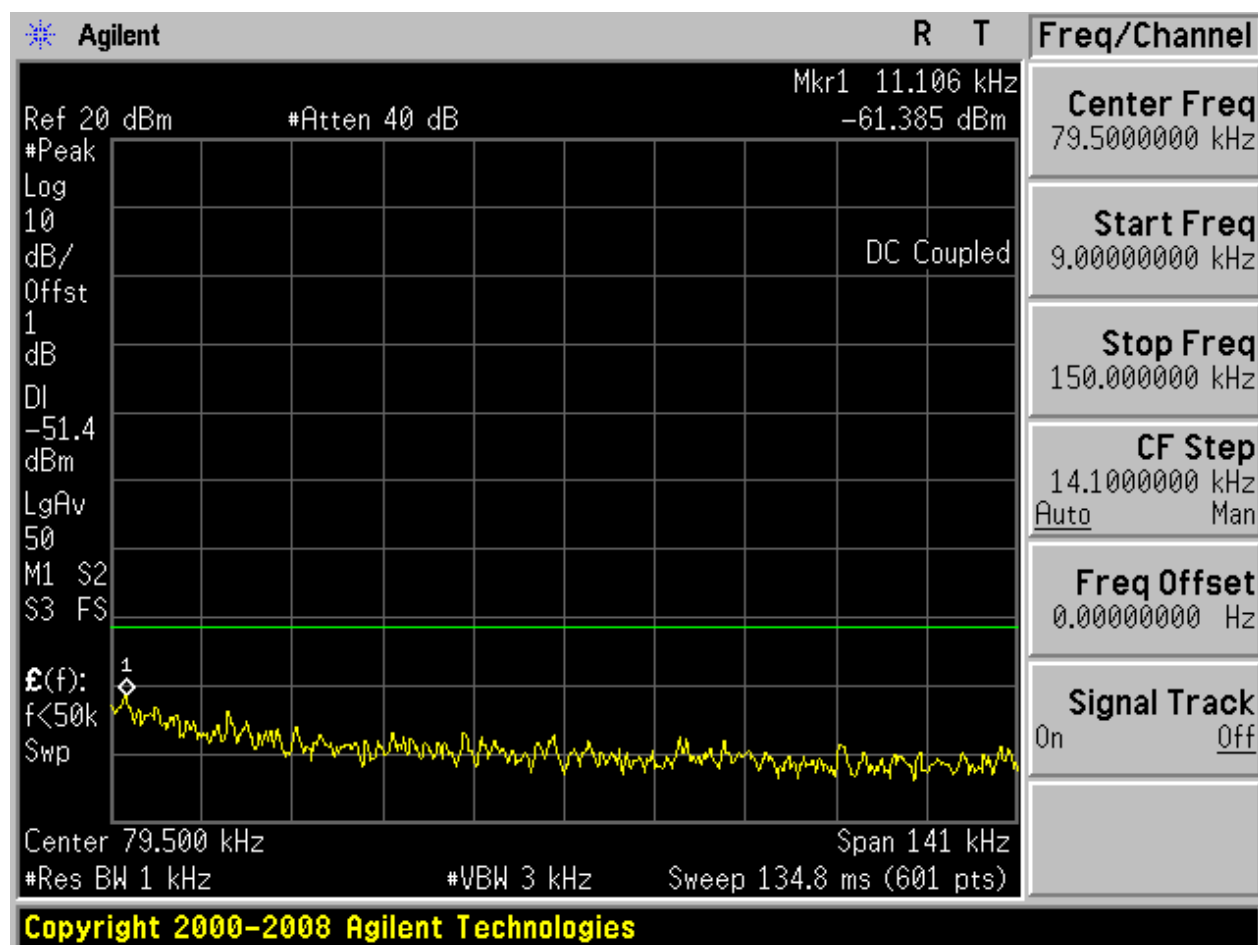
2.7 11G_L@Ant 1

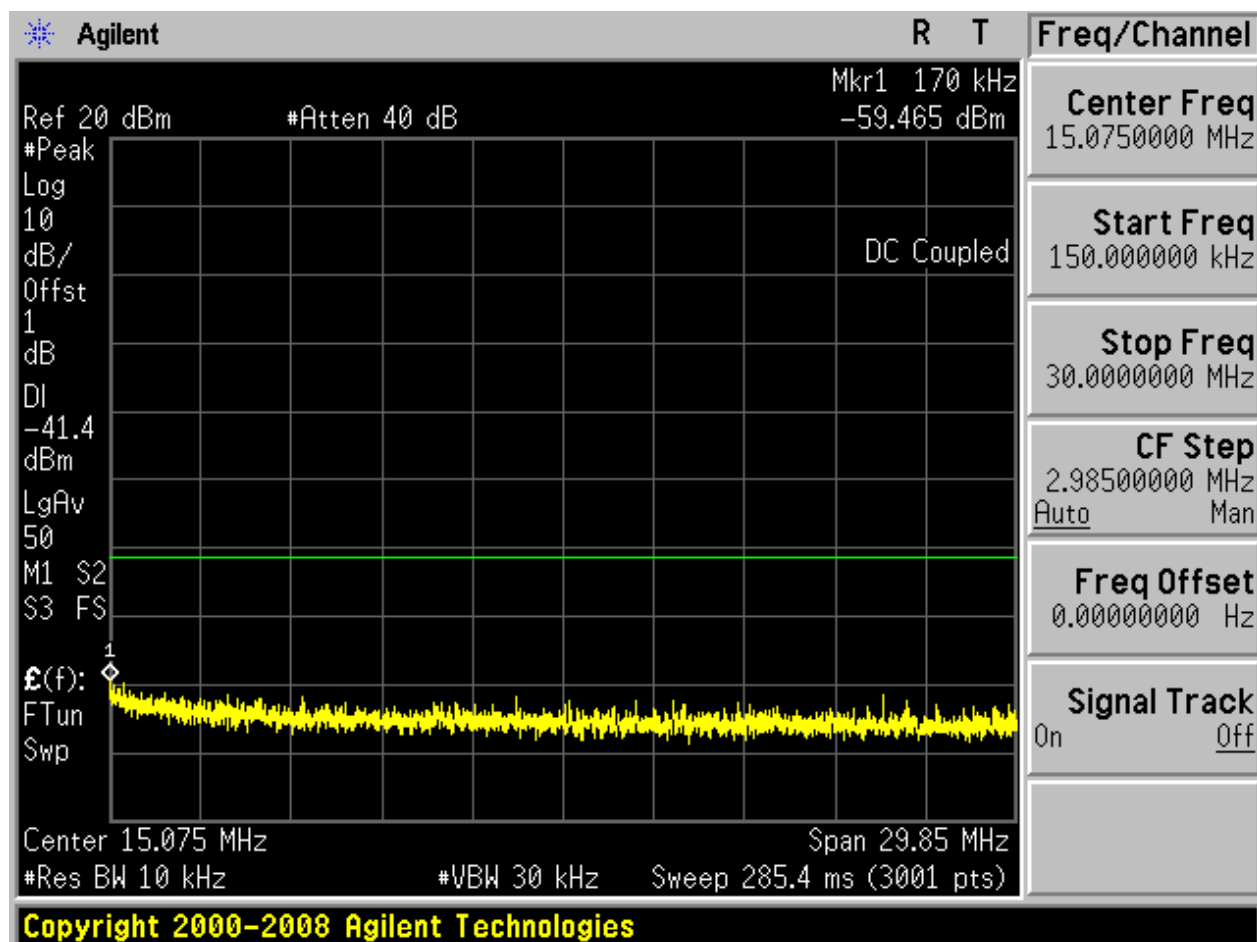
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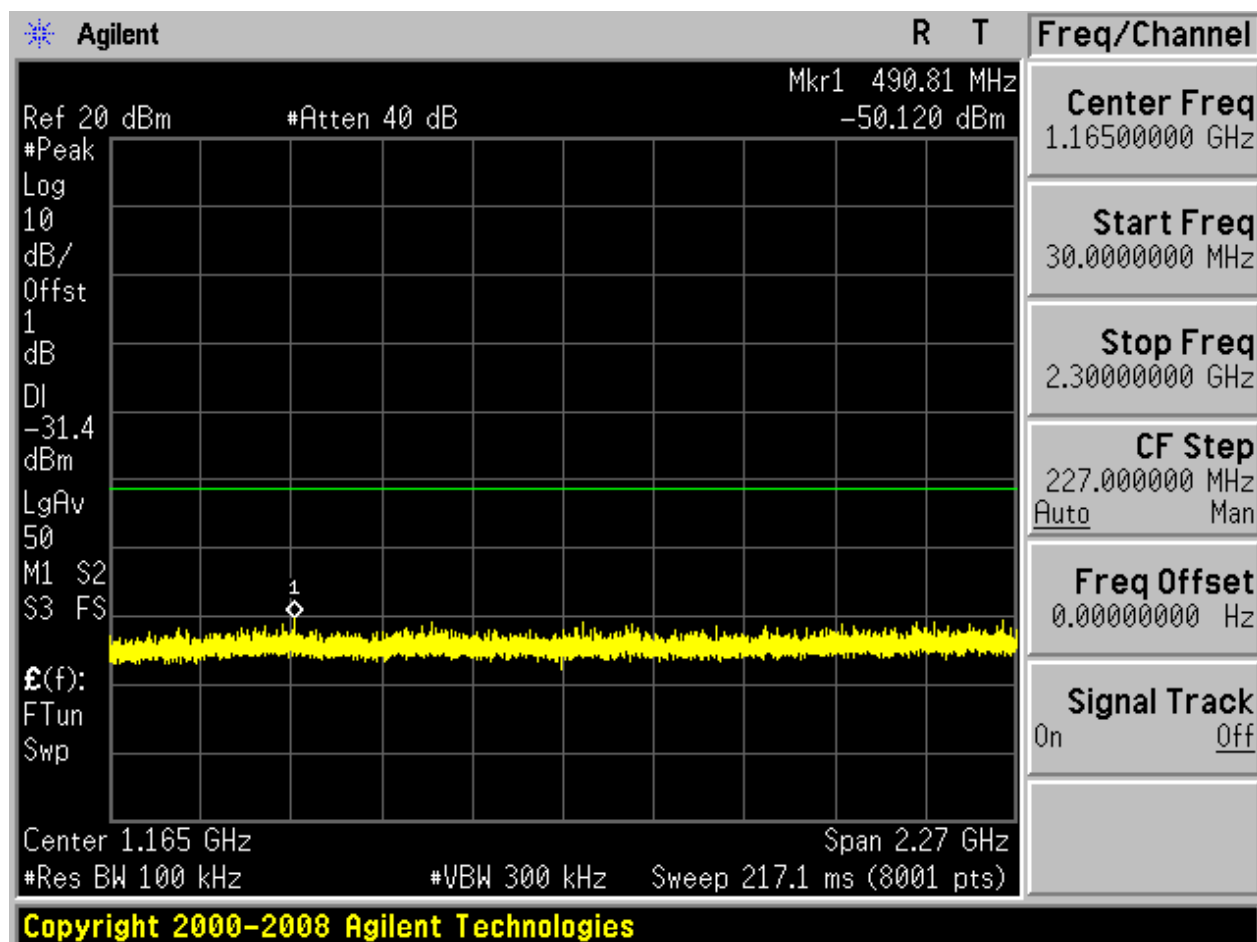


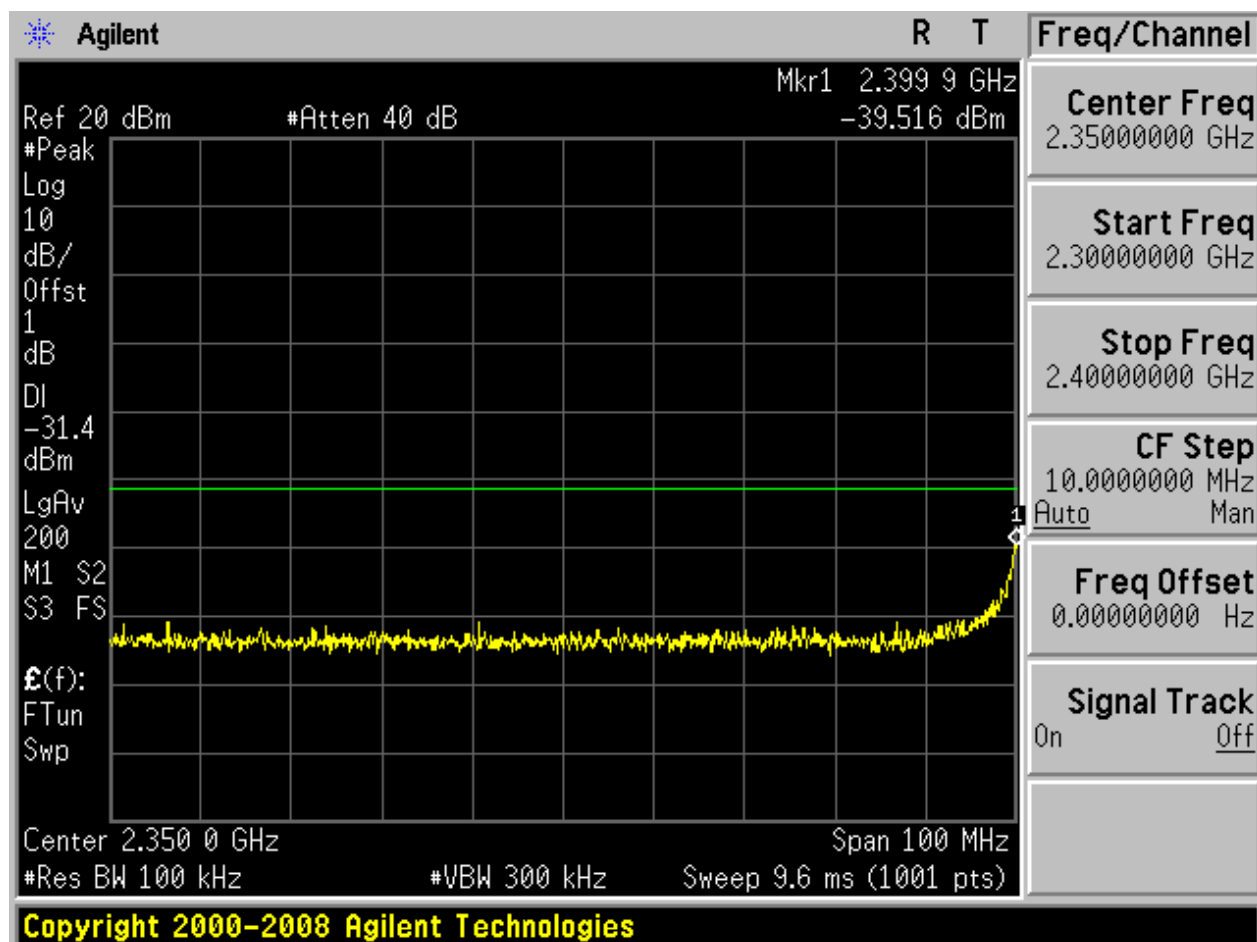


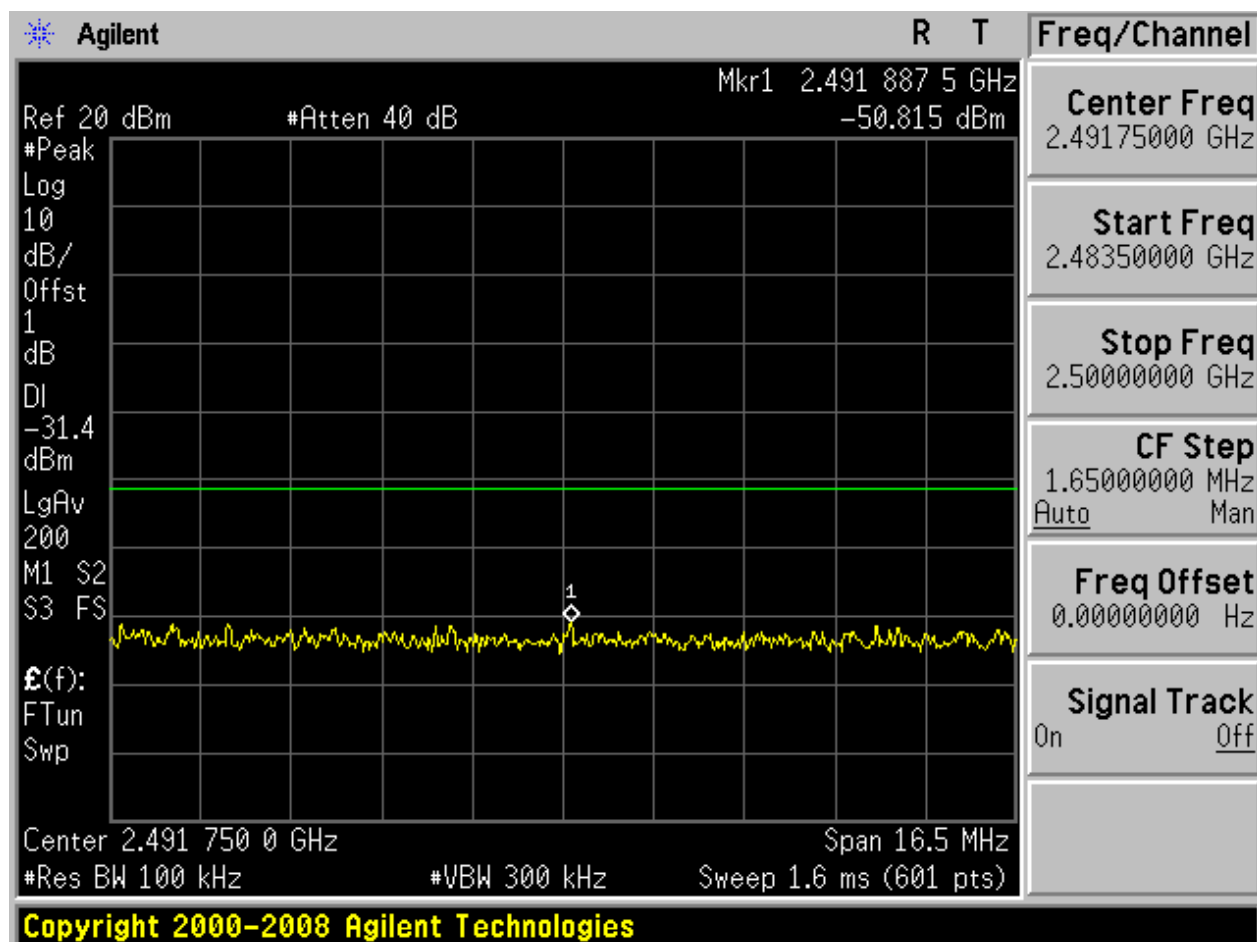
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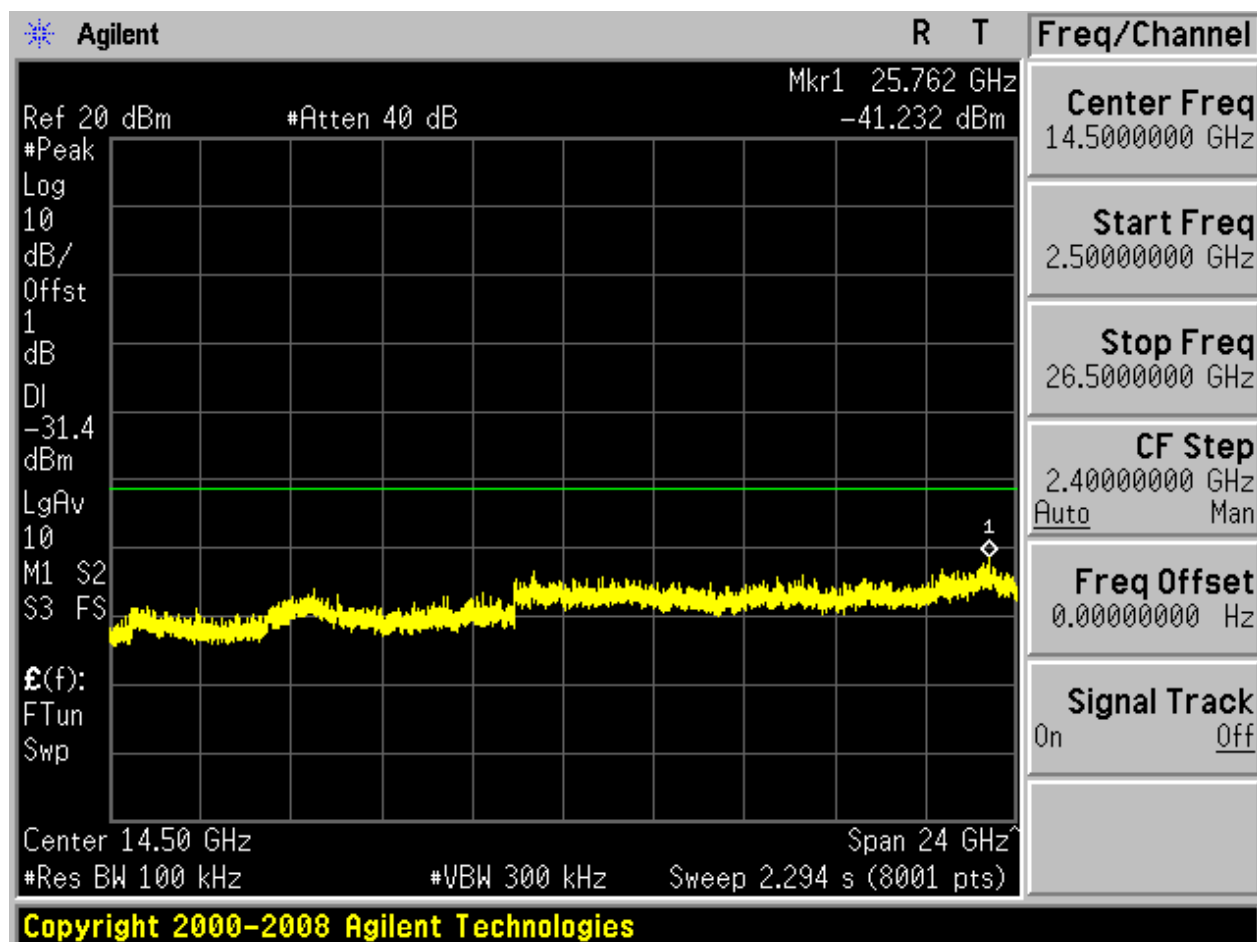








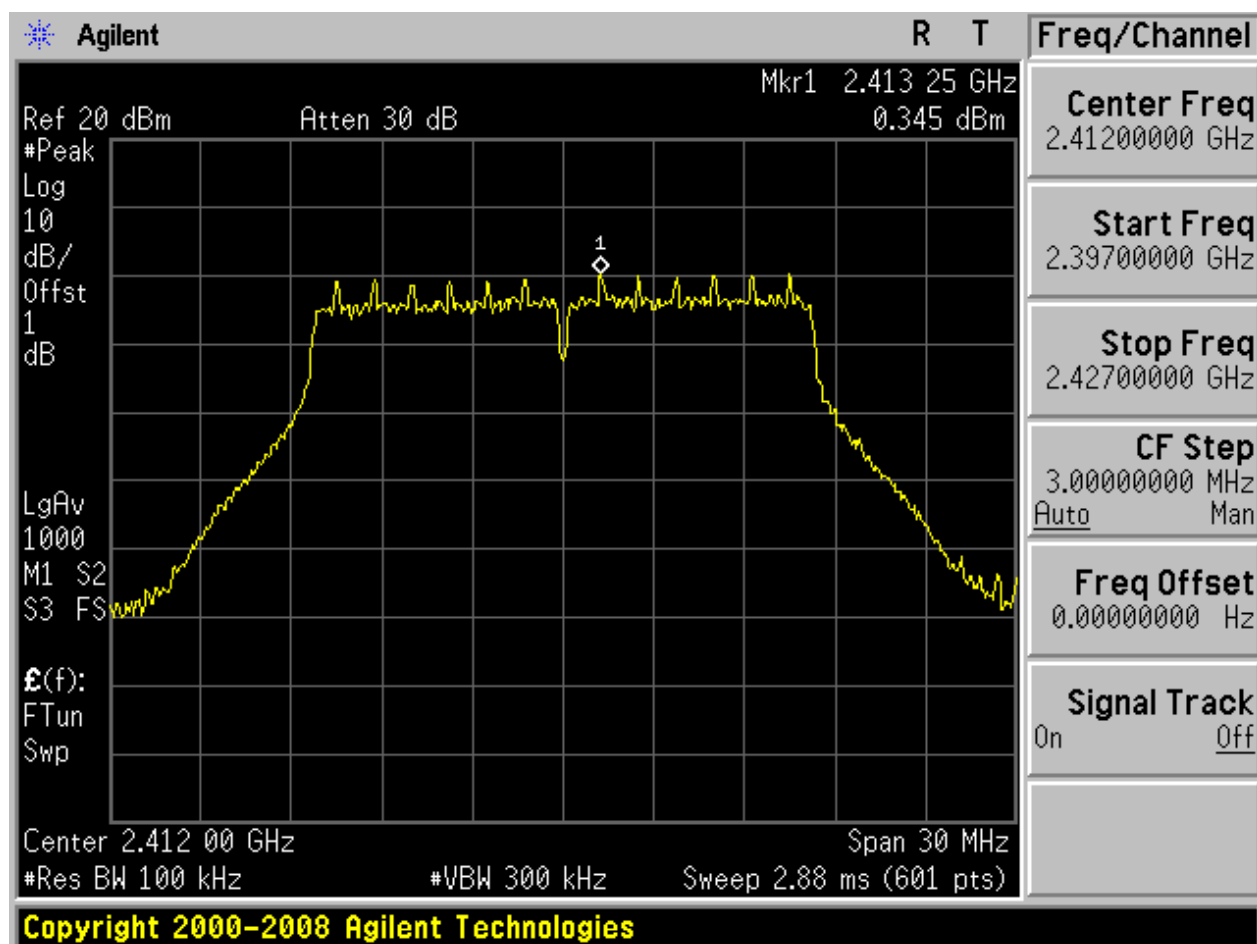




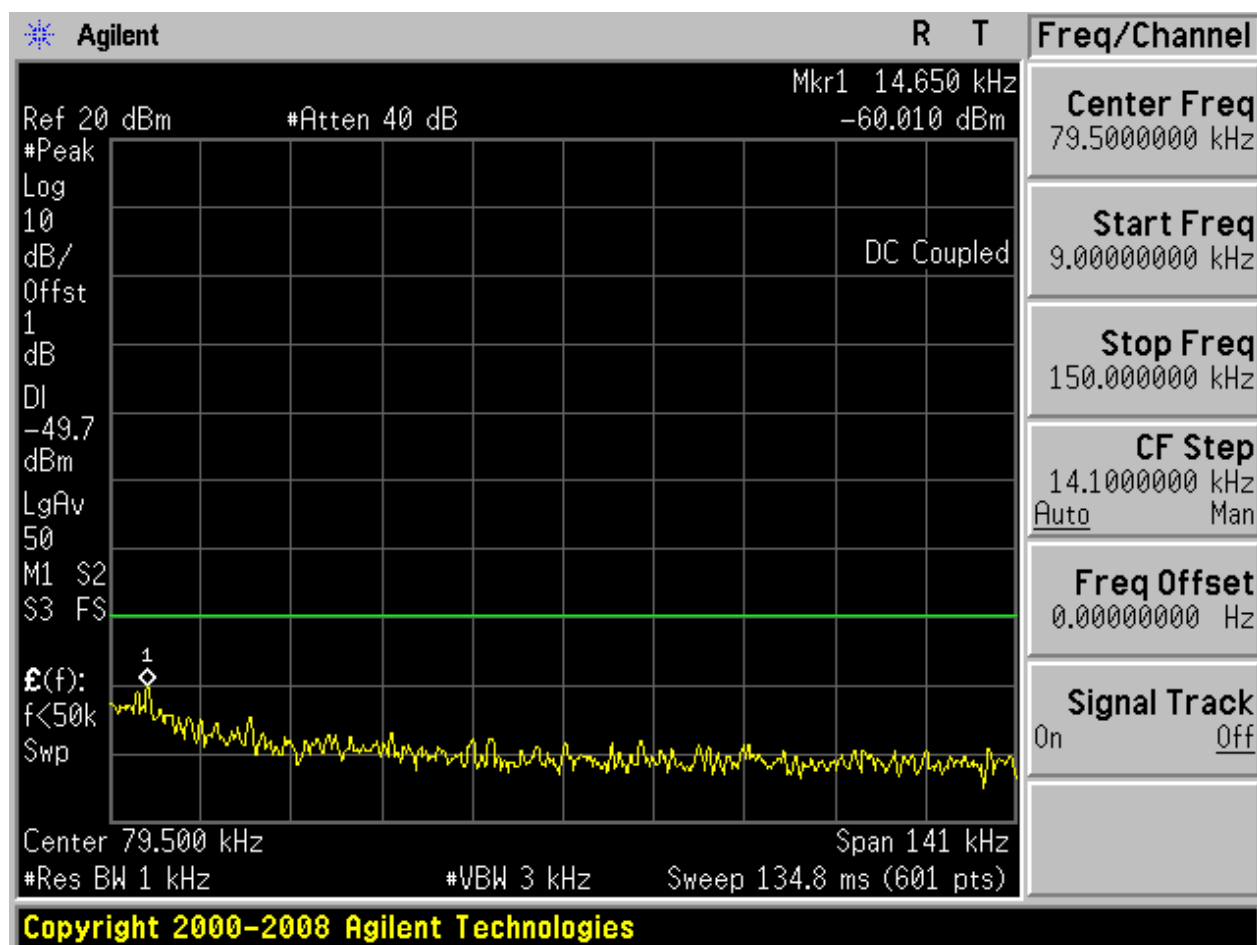


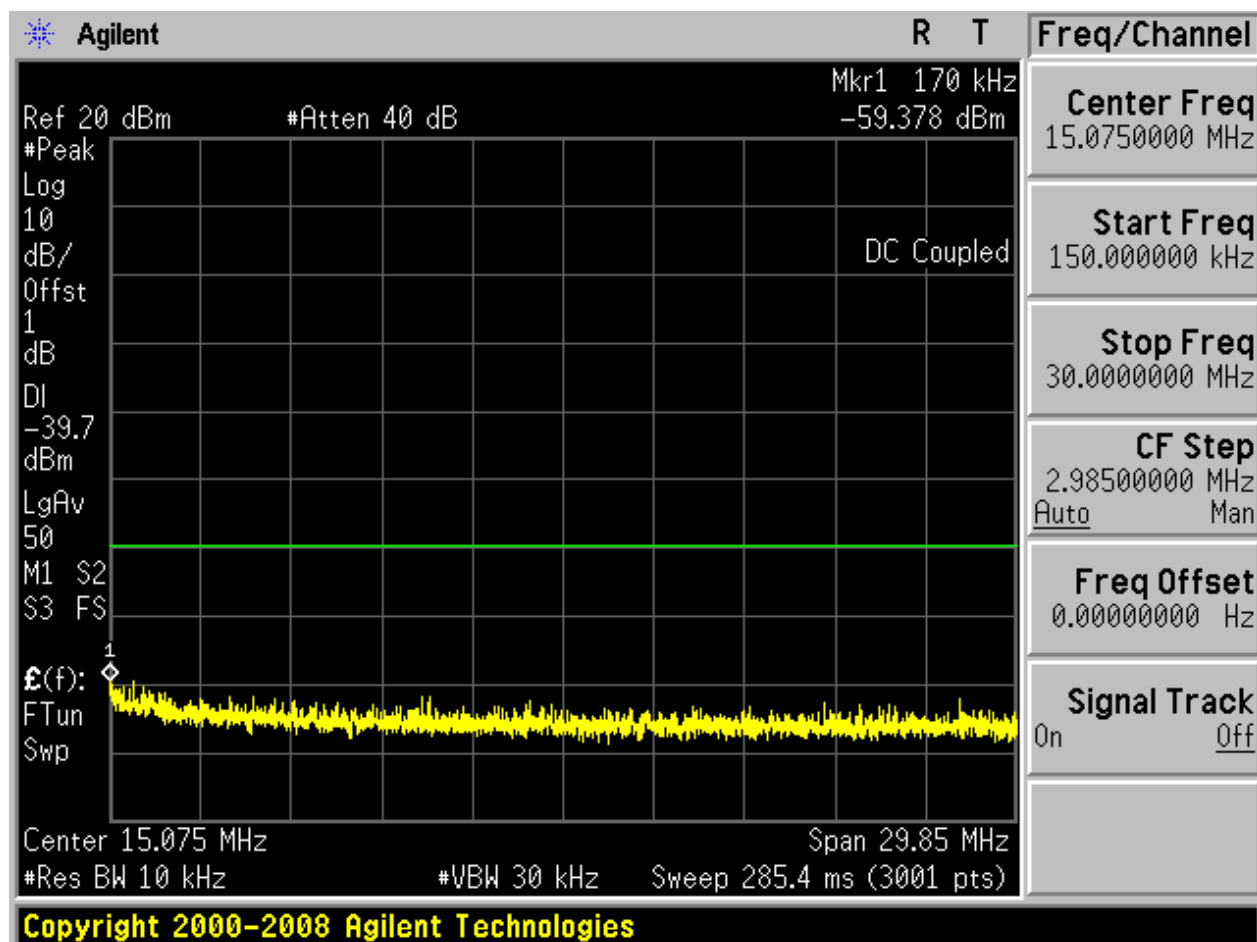
2.8 11G_L@Ant 2

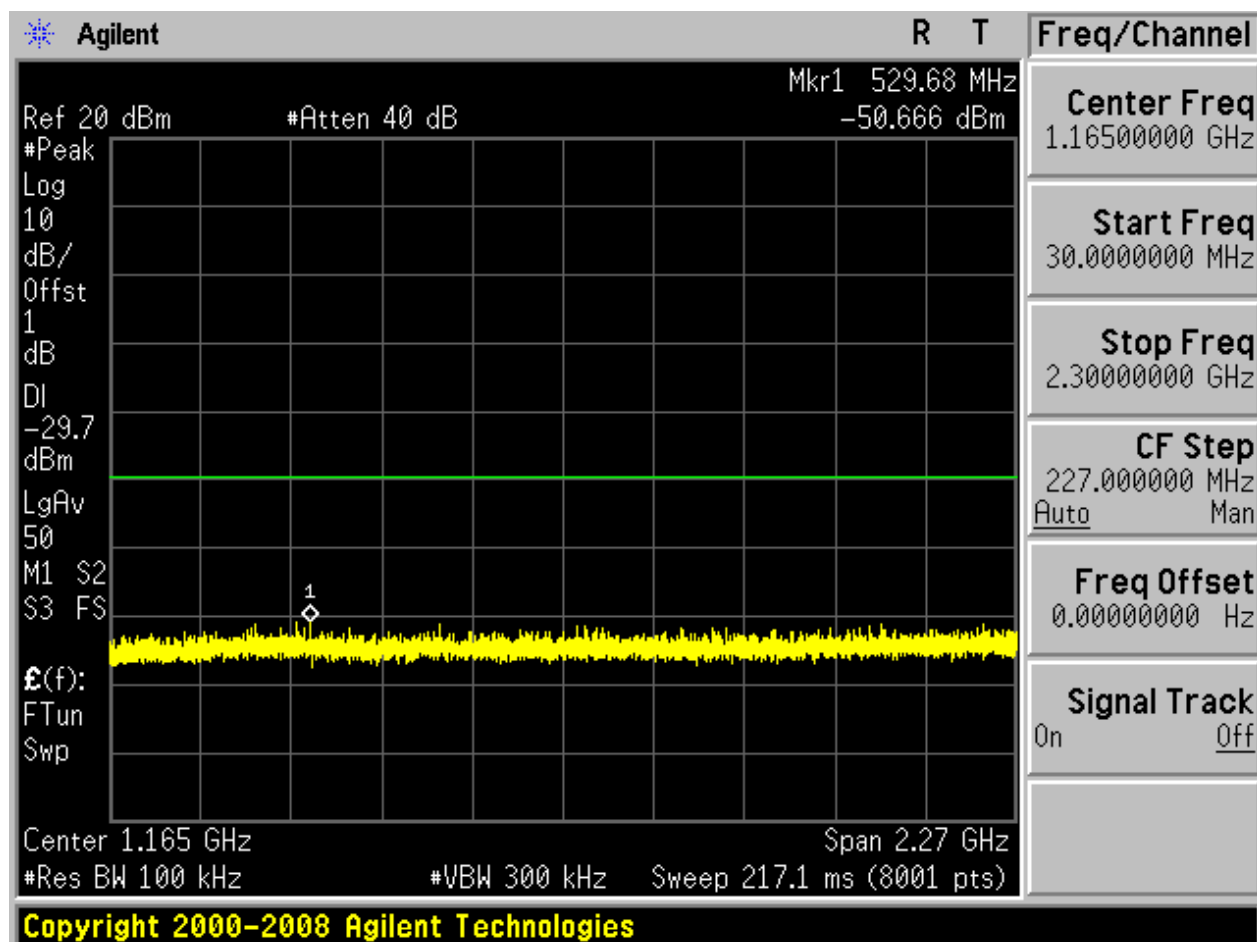
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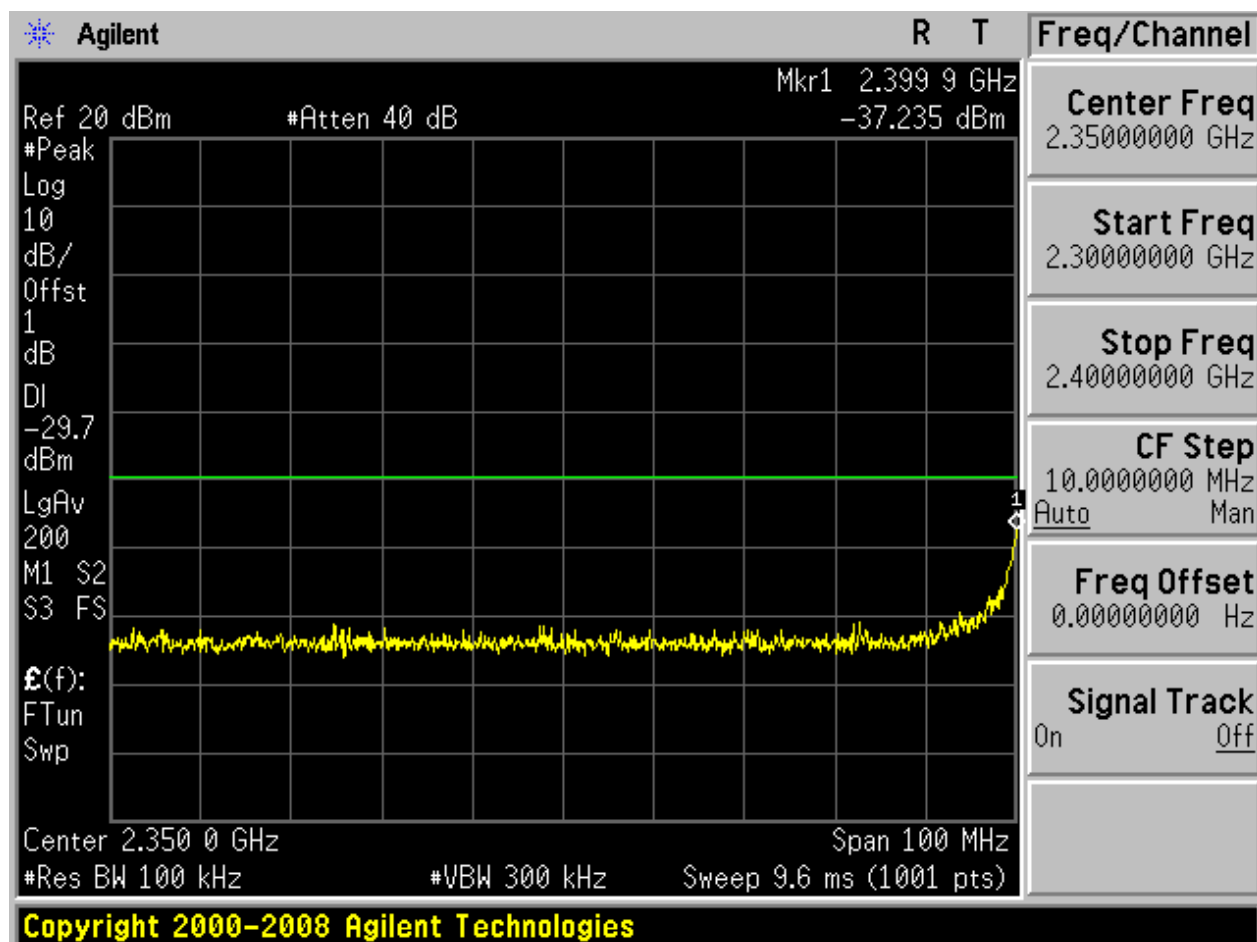


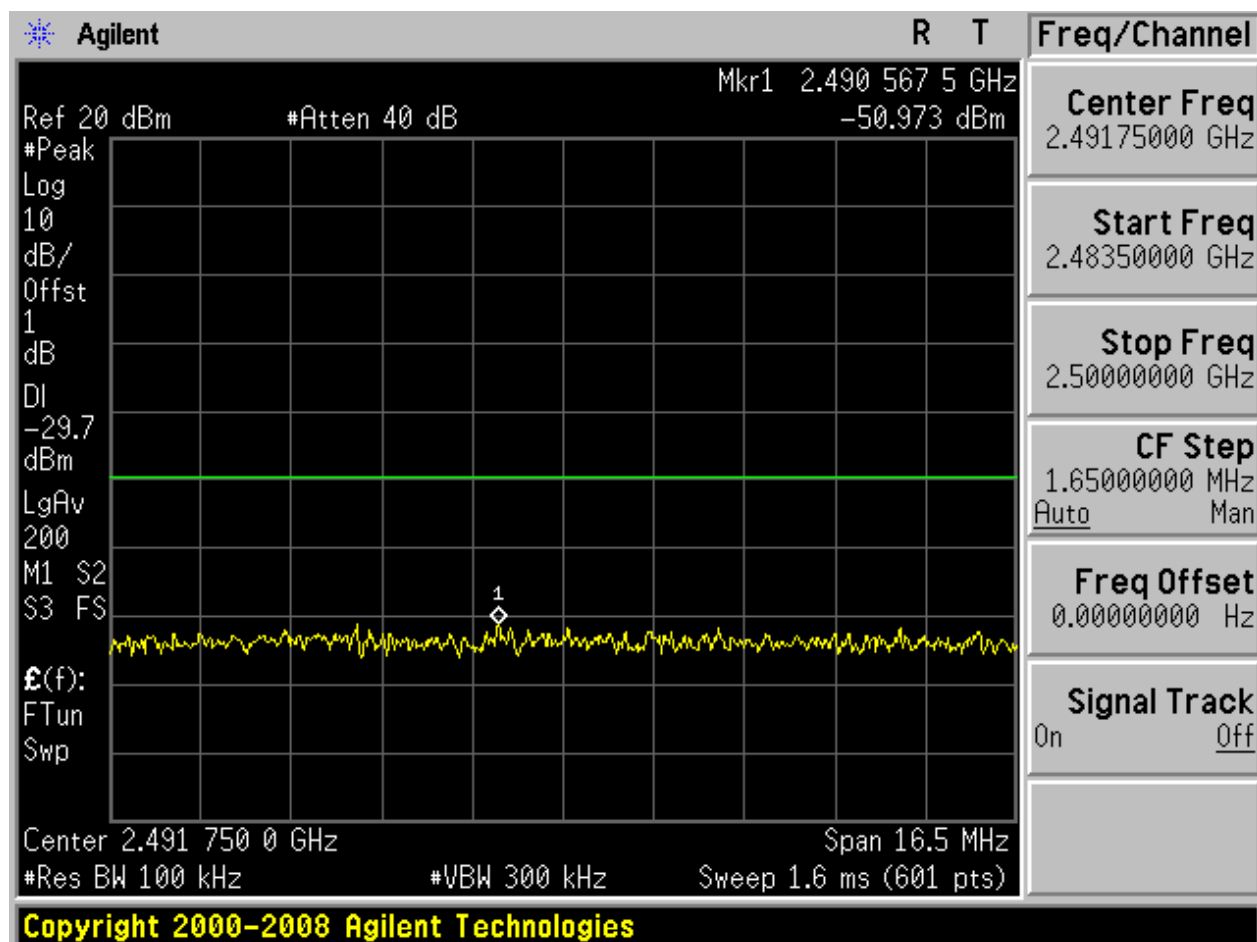
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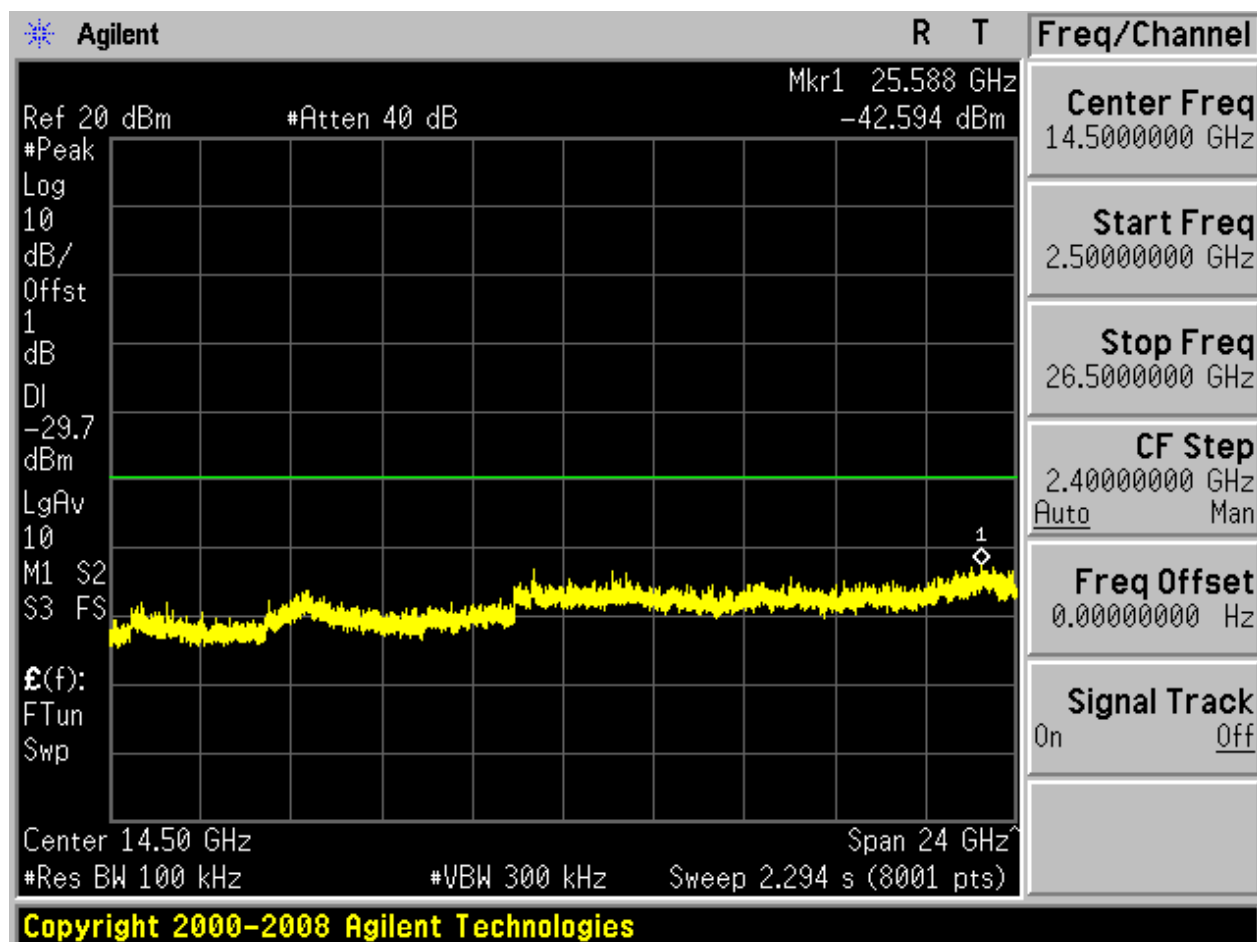






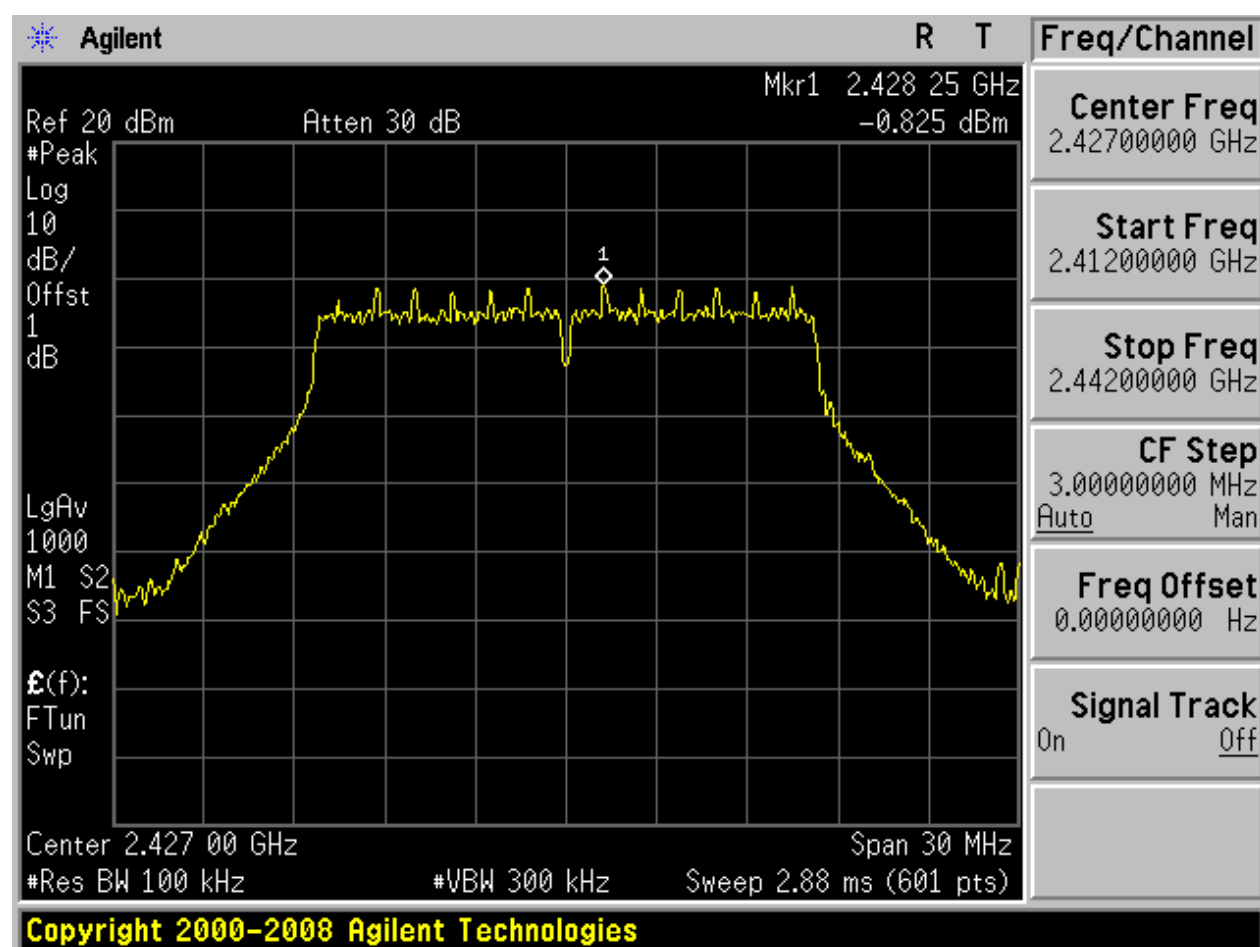






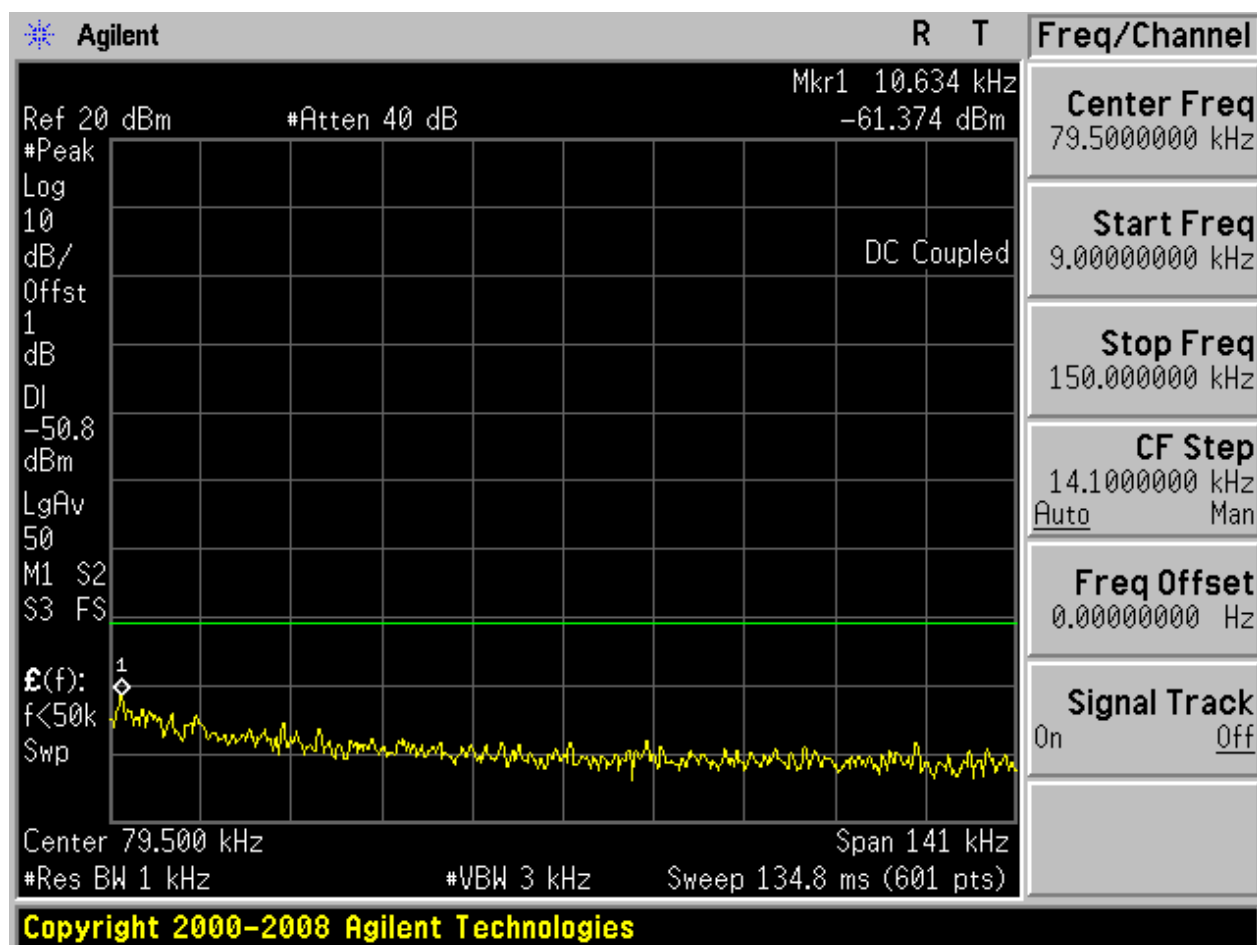
2.9 11G_M@Ant 1

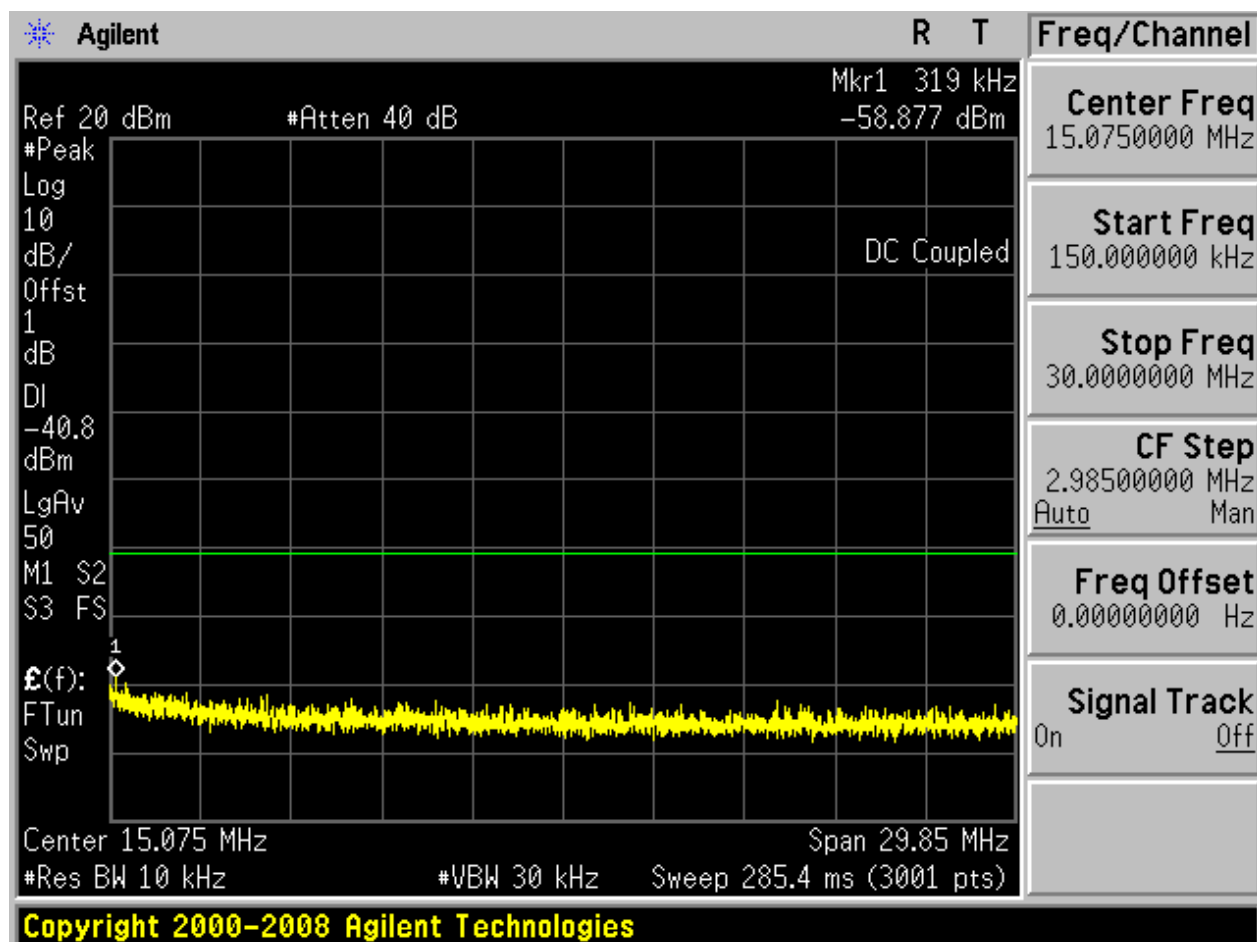
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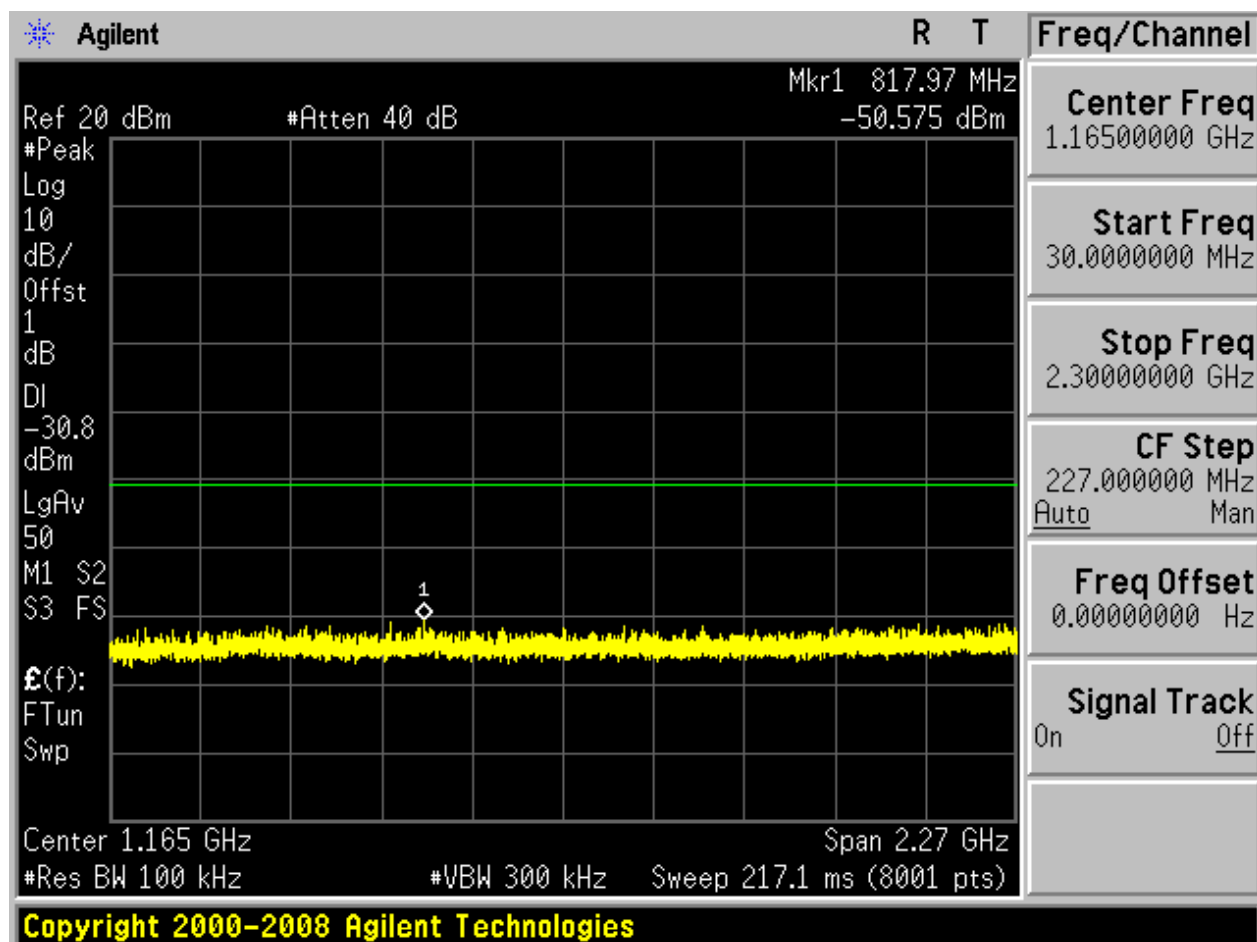


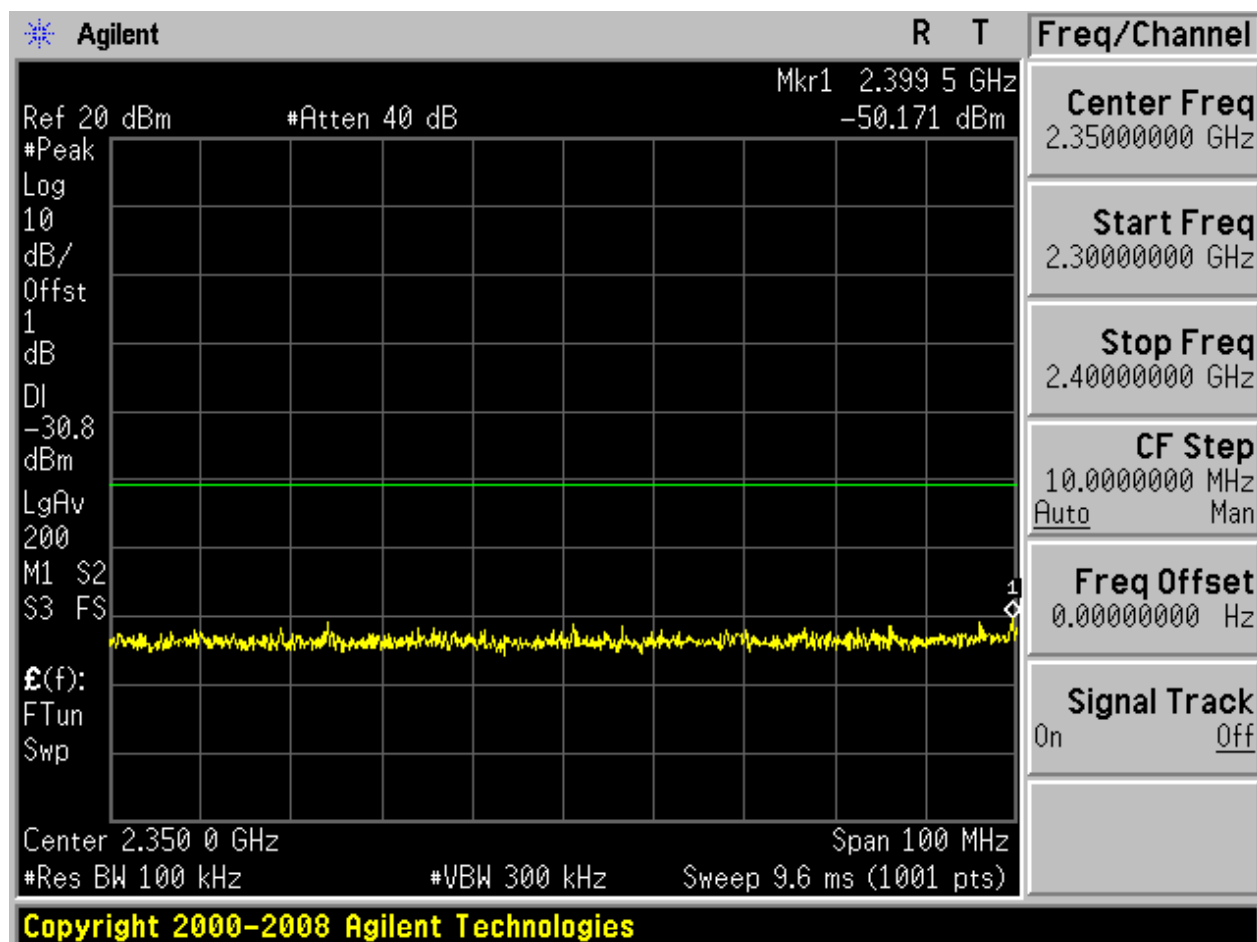


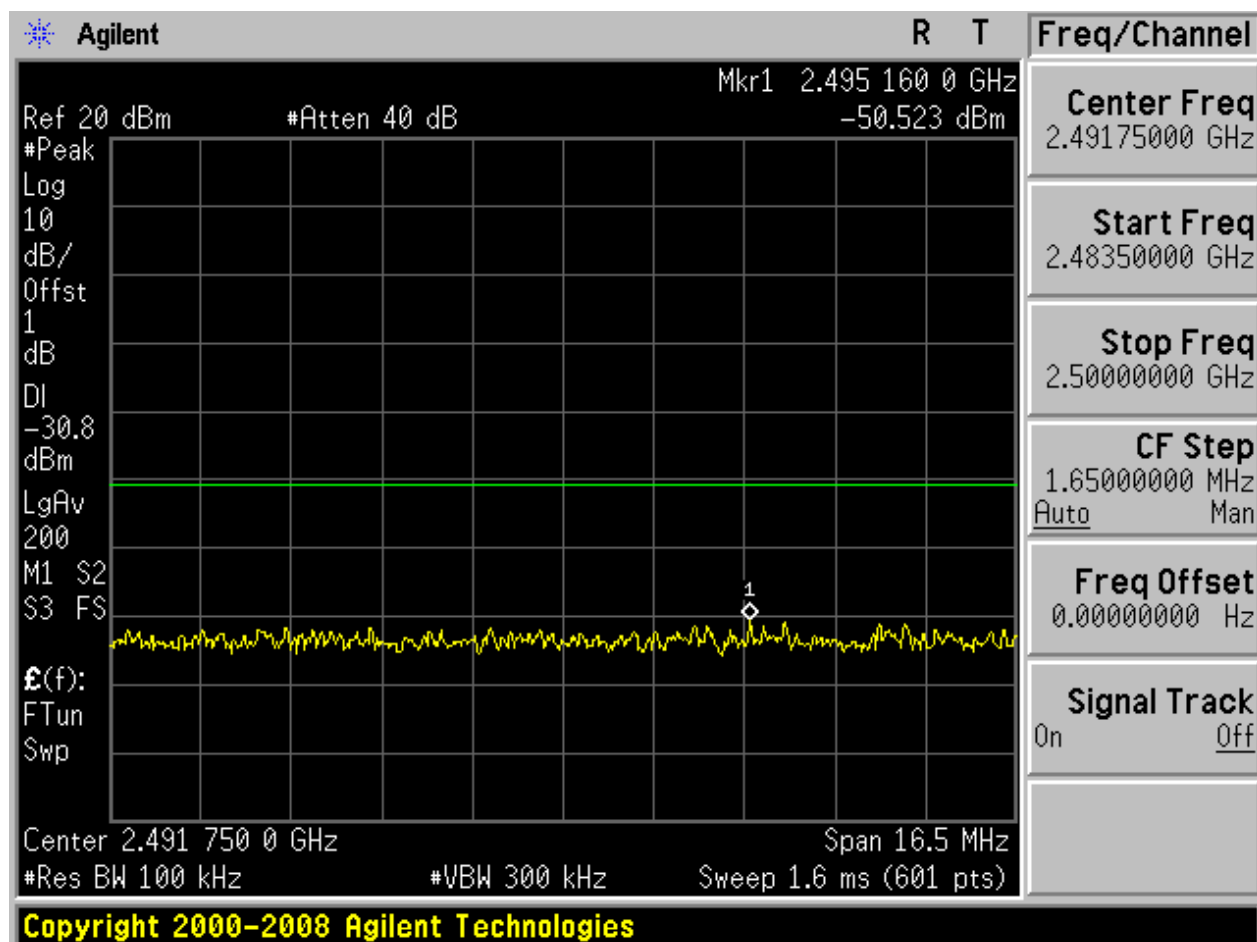
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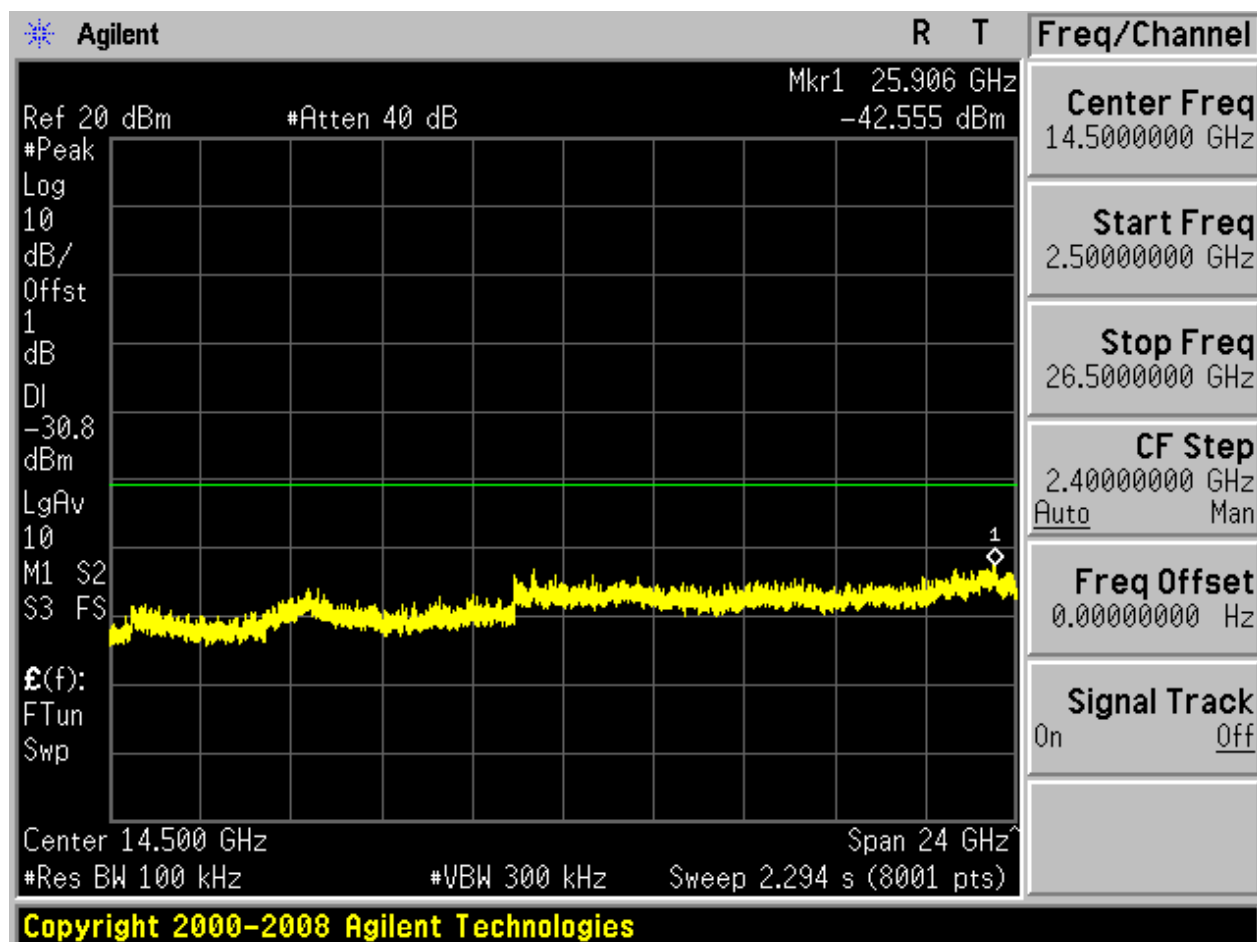








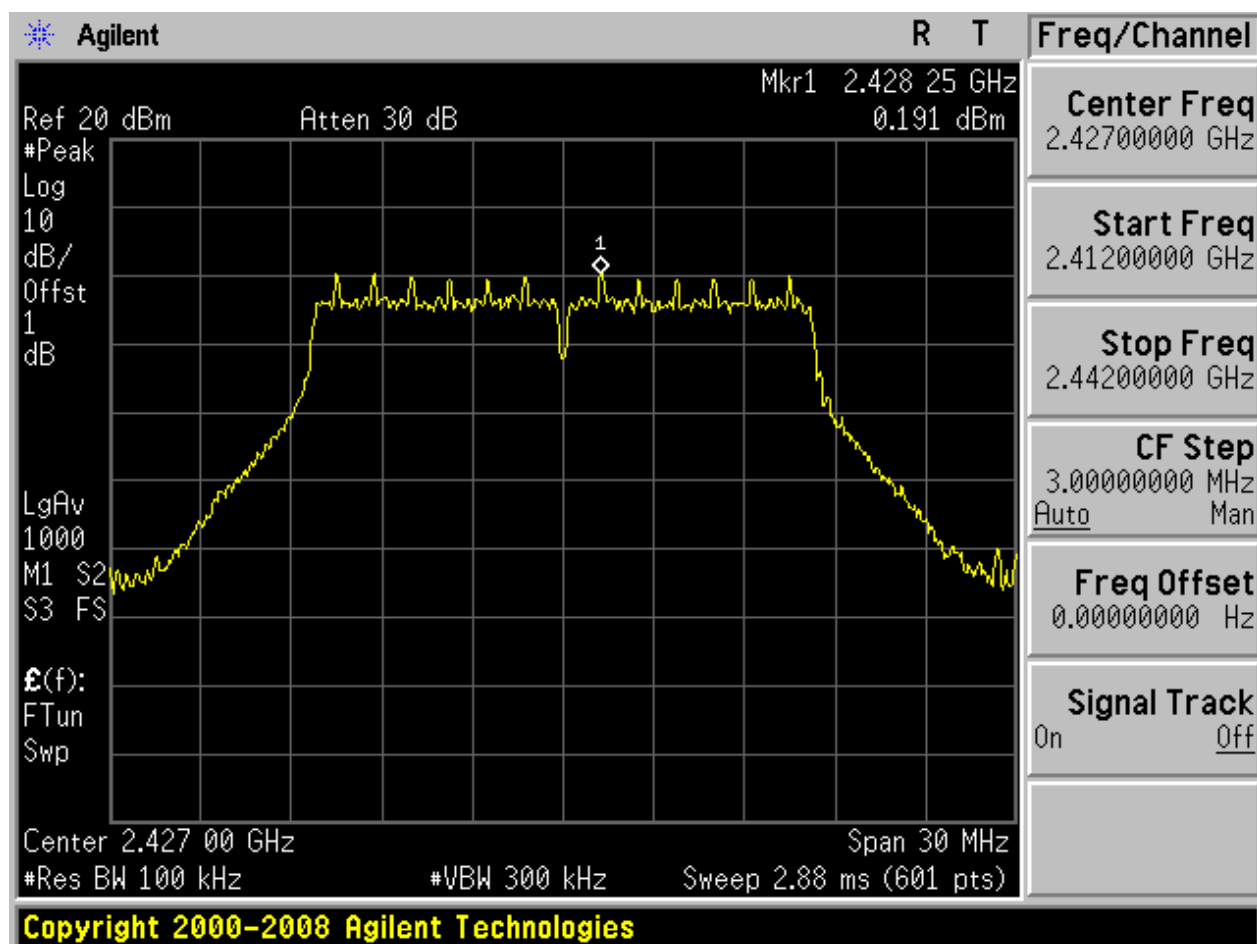






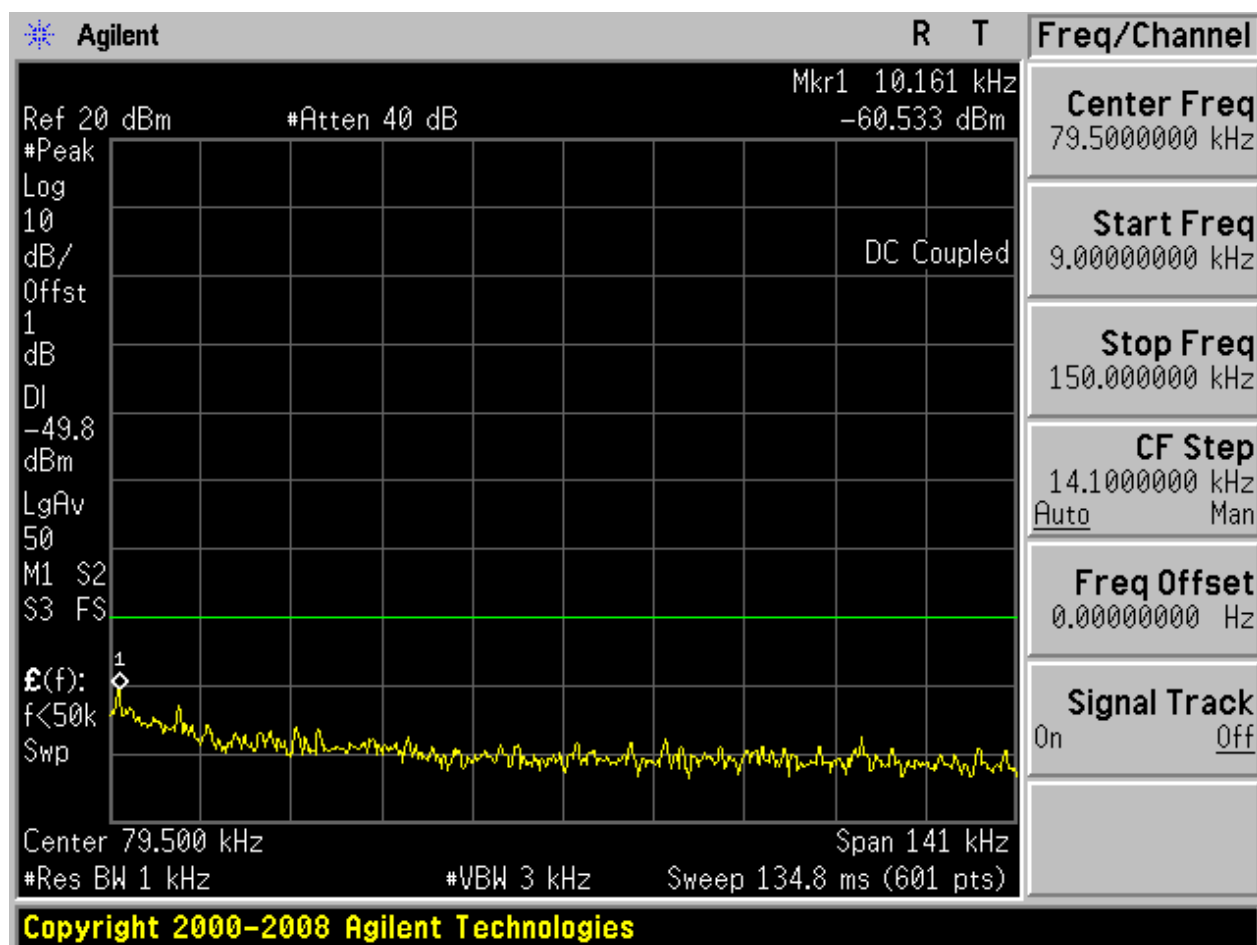
2.10 11G_M@Ant 2

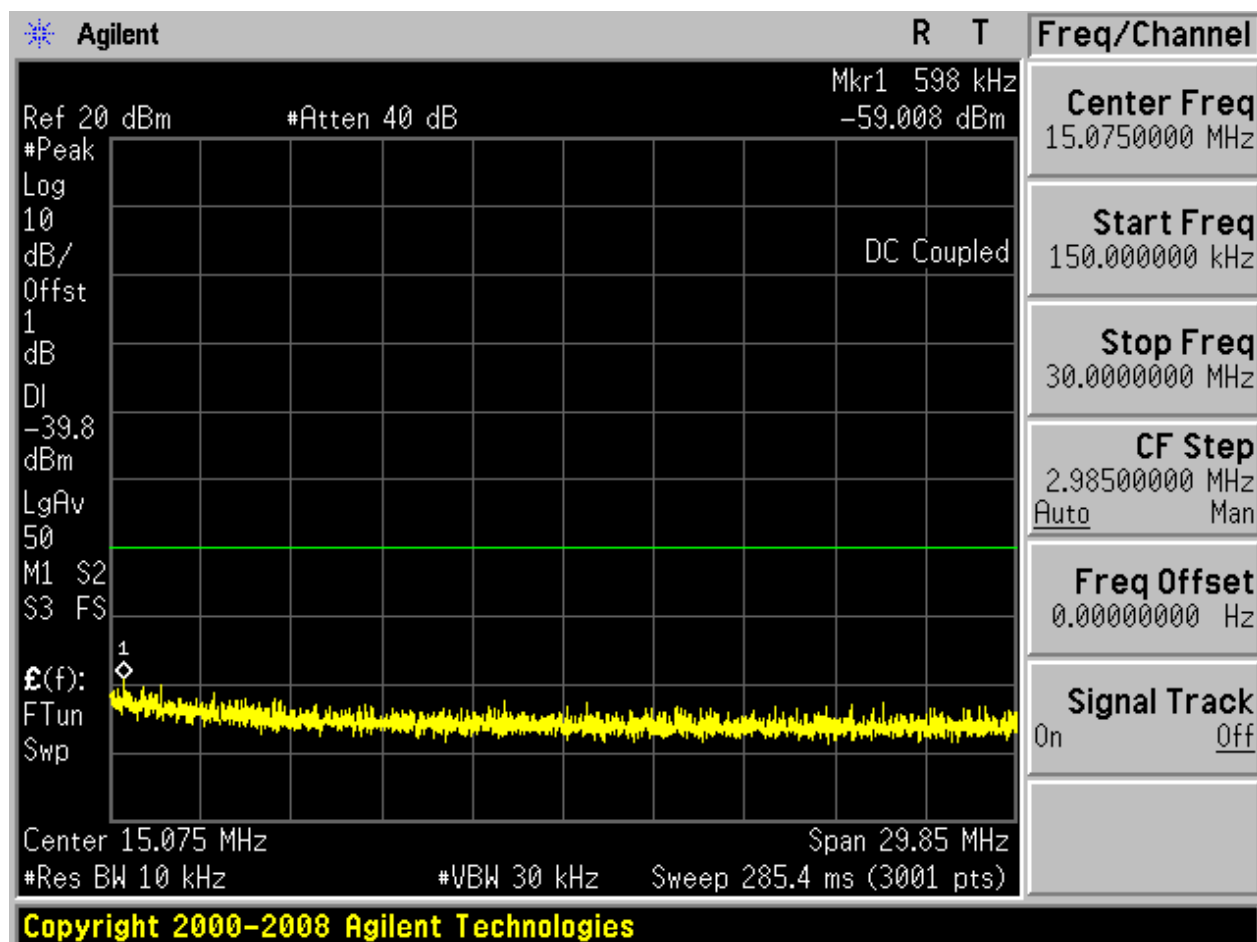
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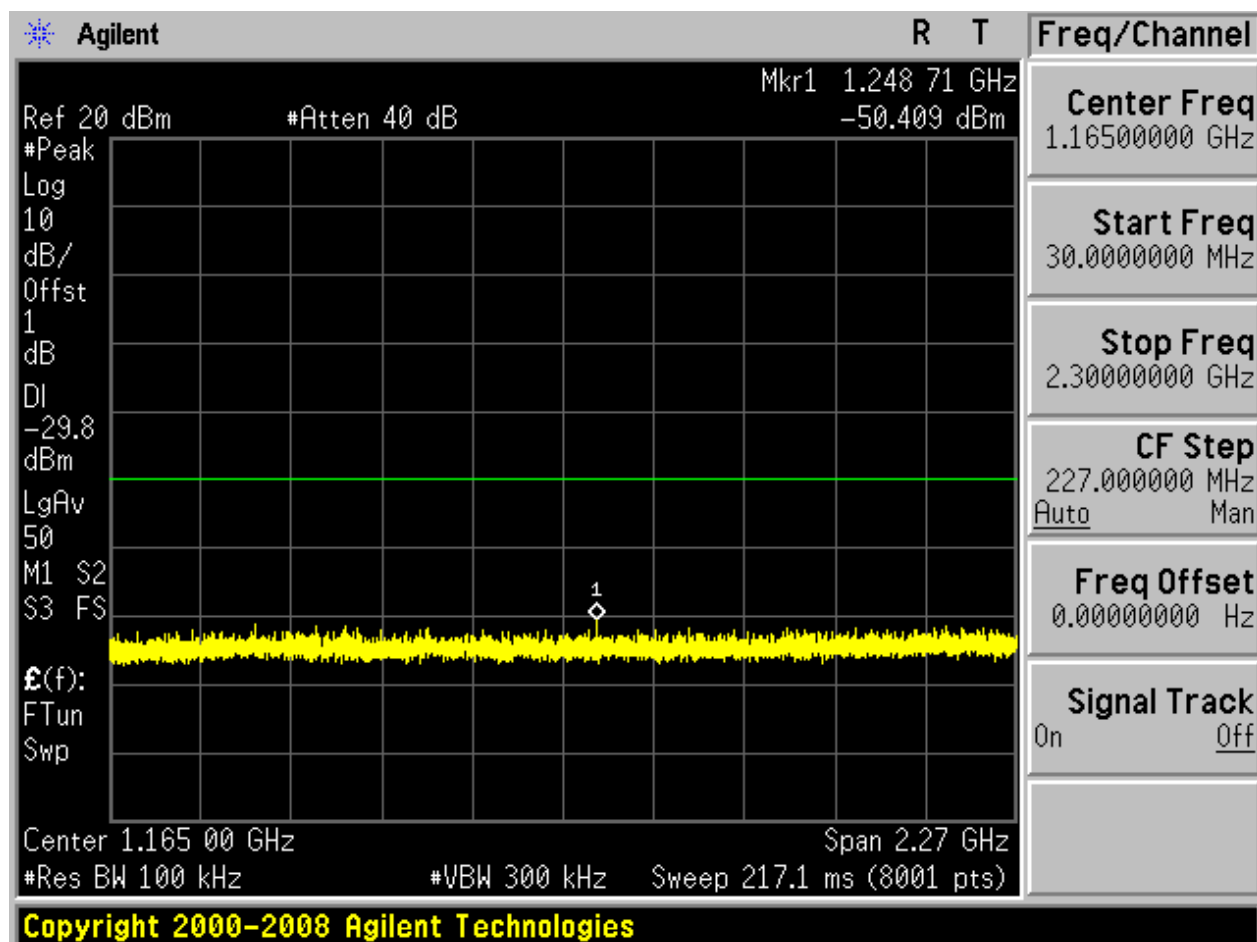


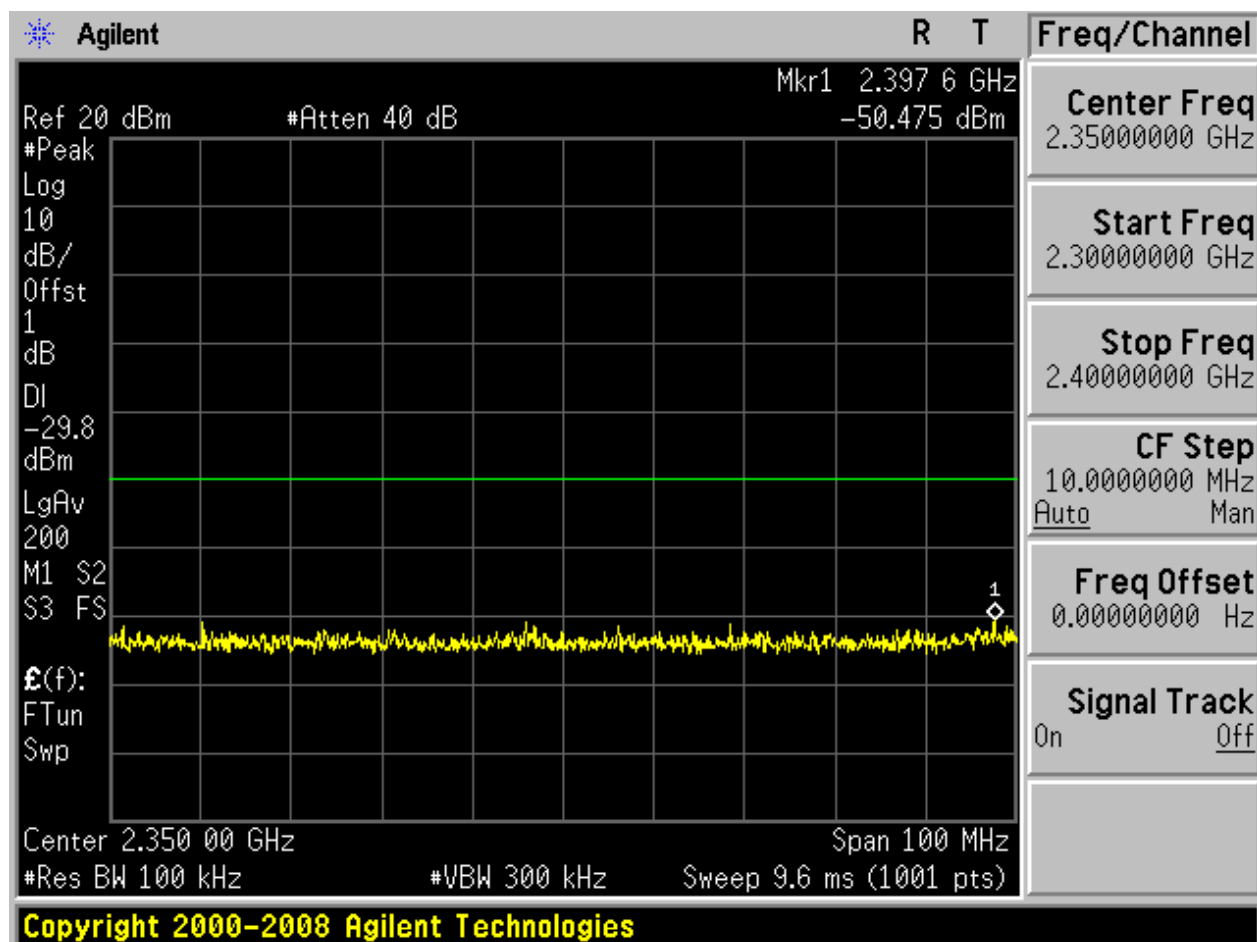


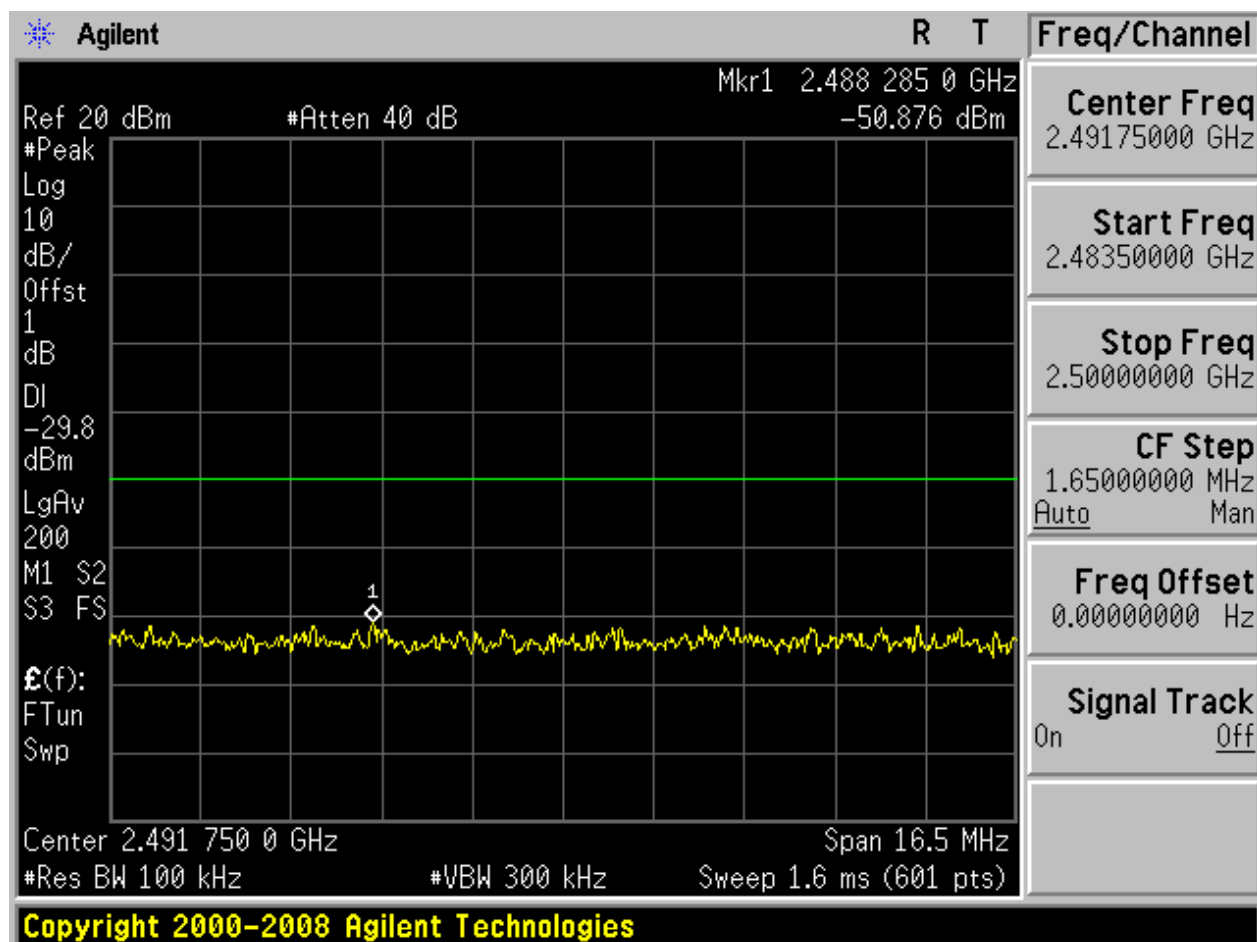
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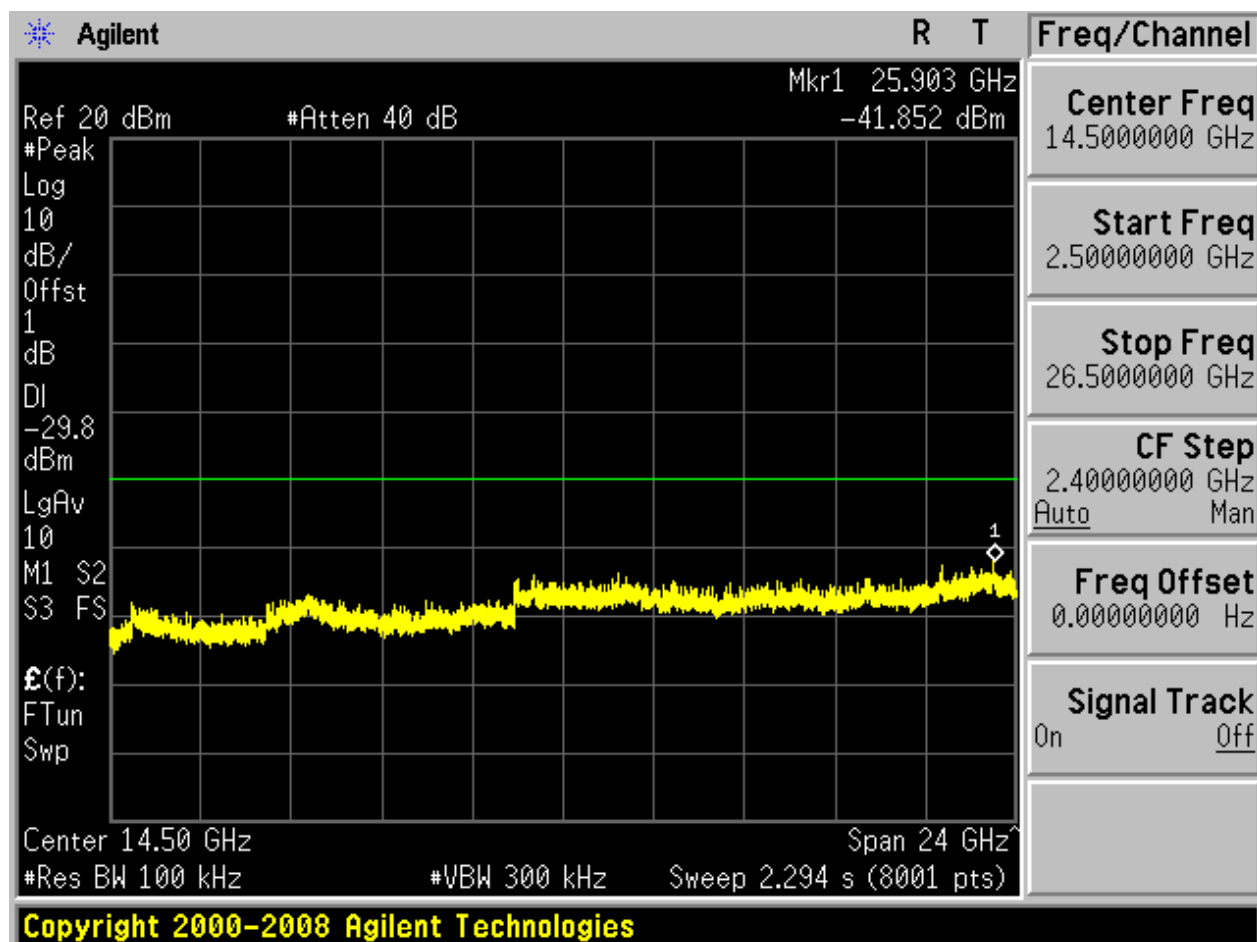








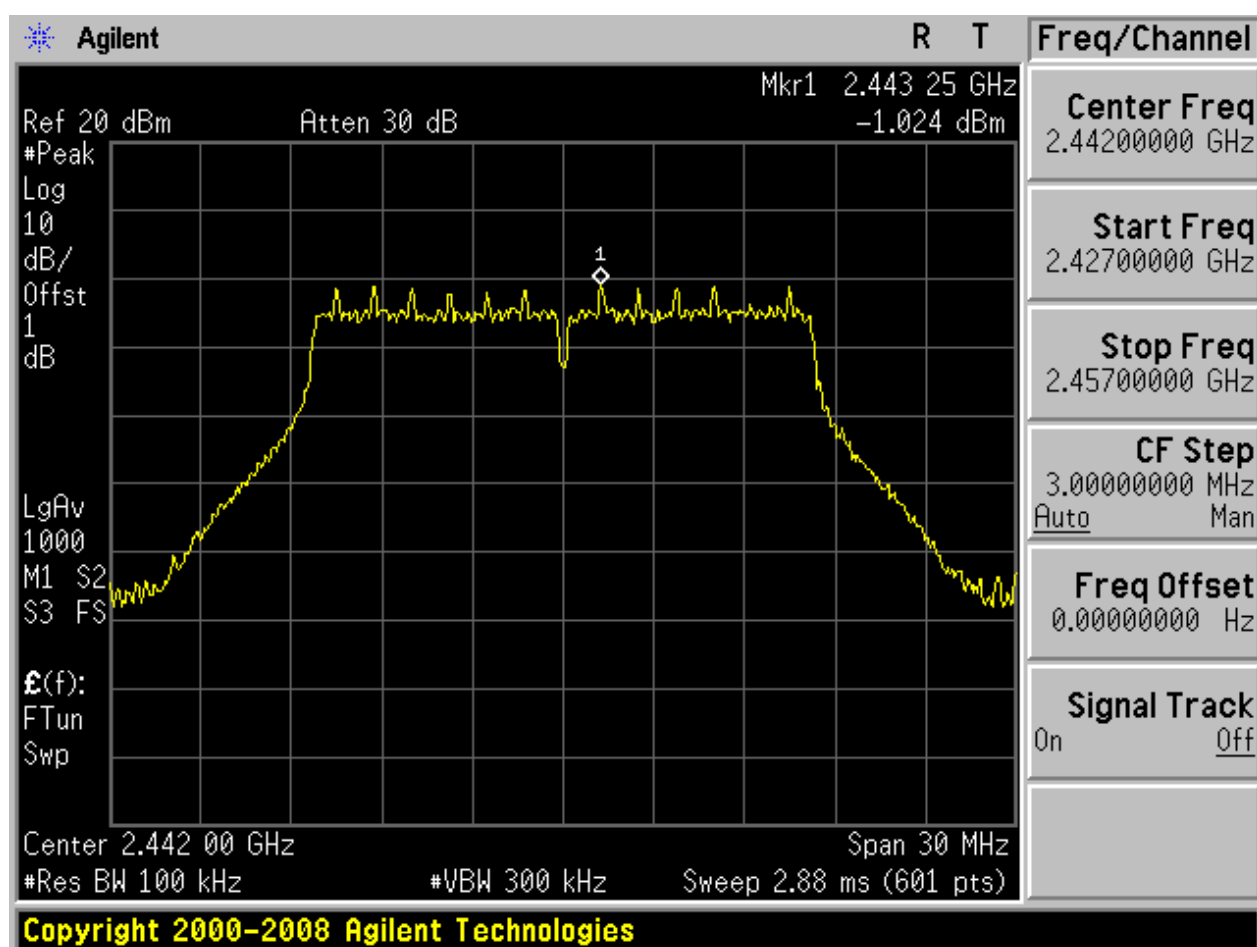






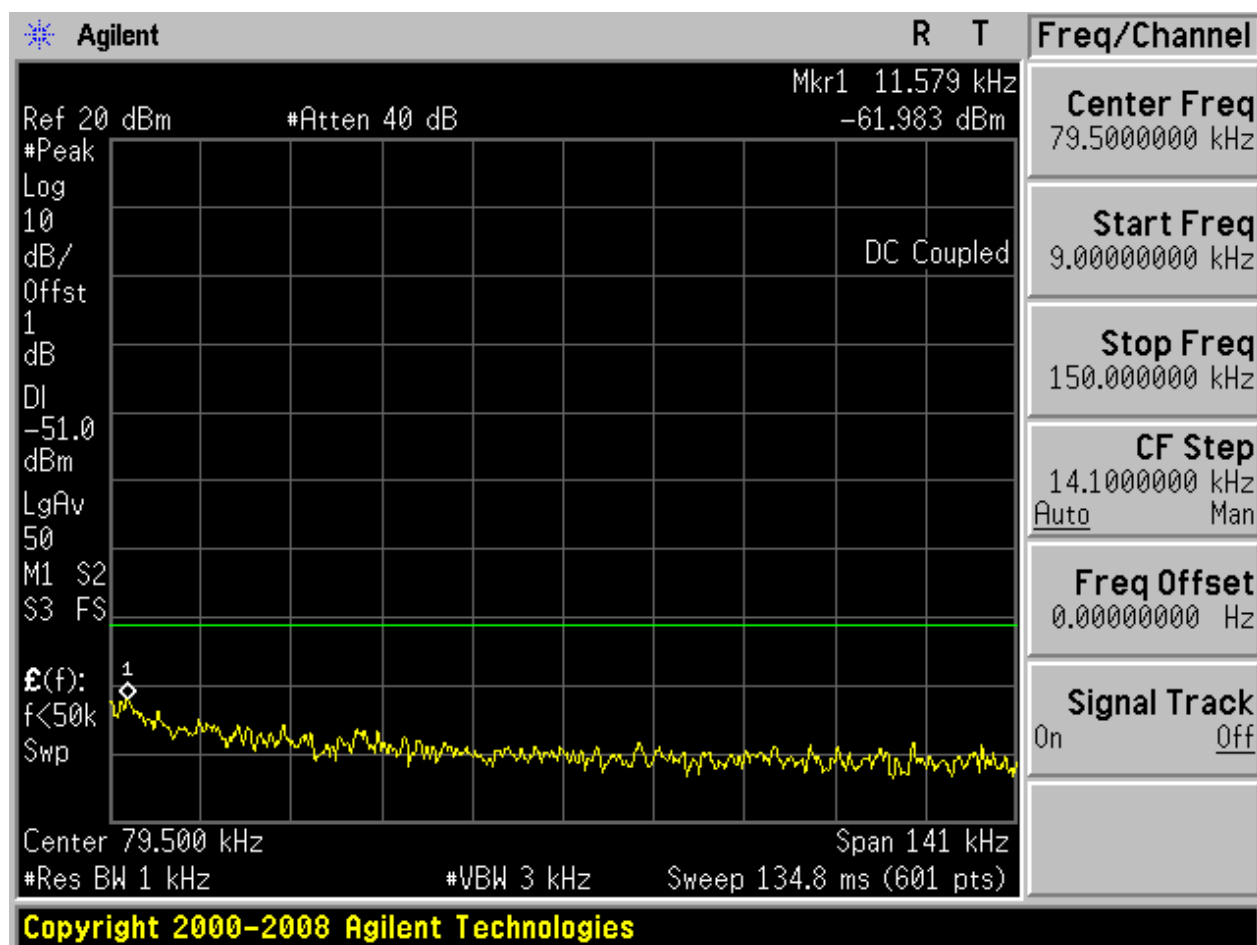
2.11 11G_H@Ant 1

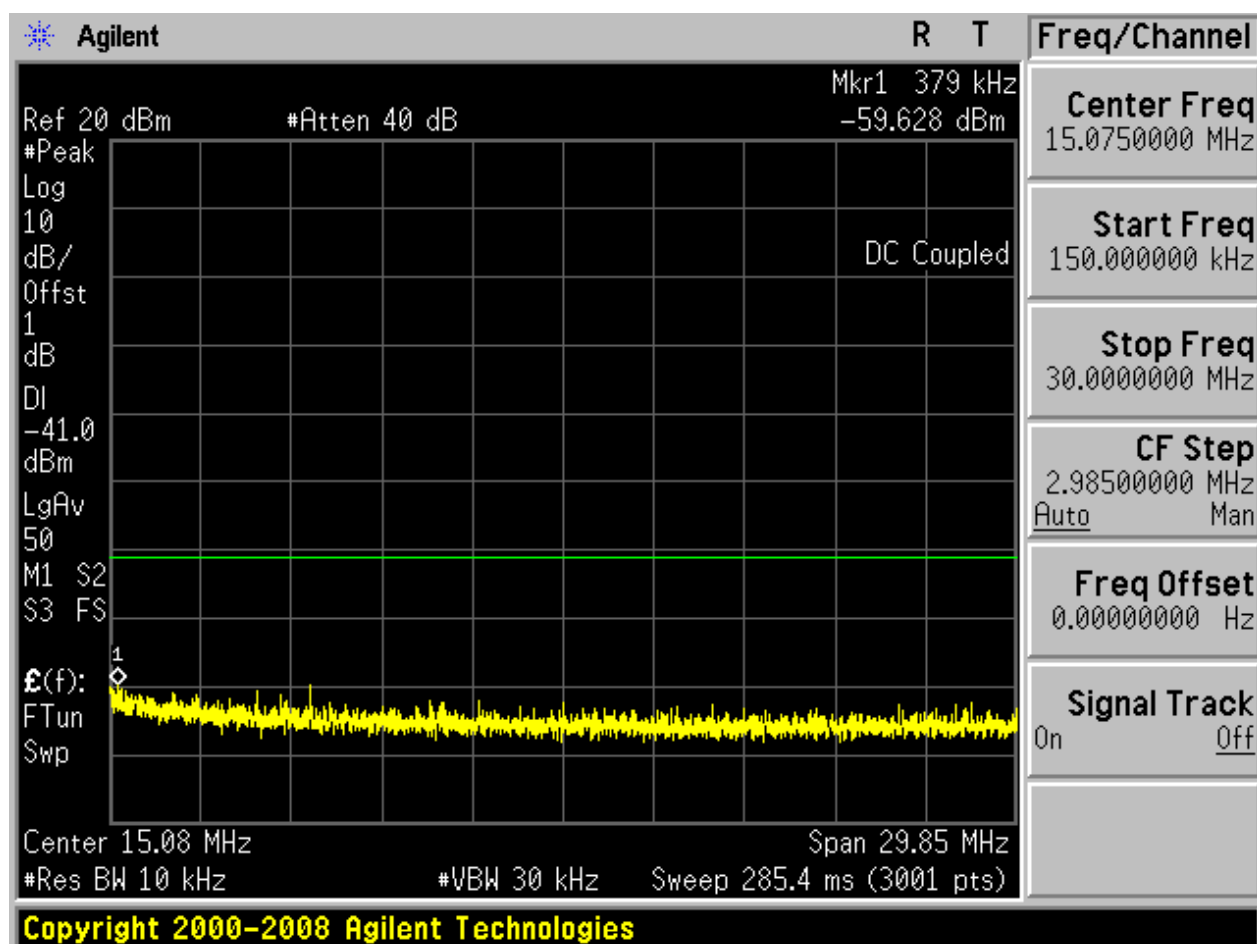
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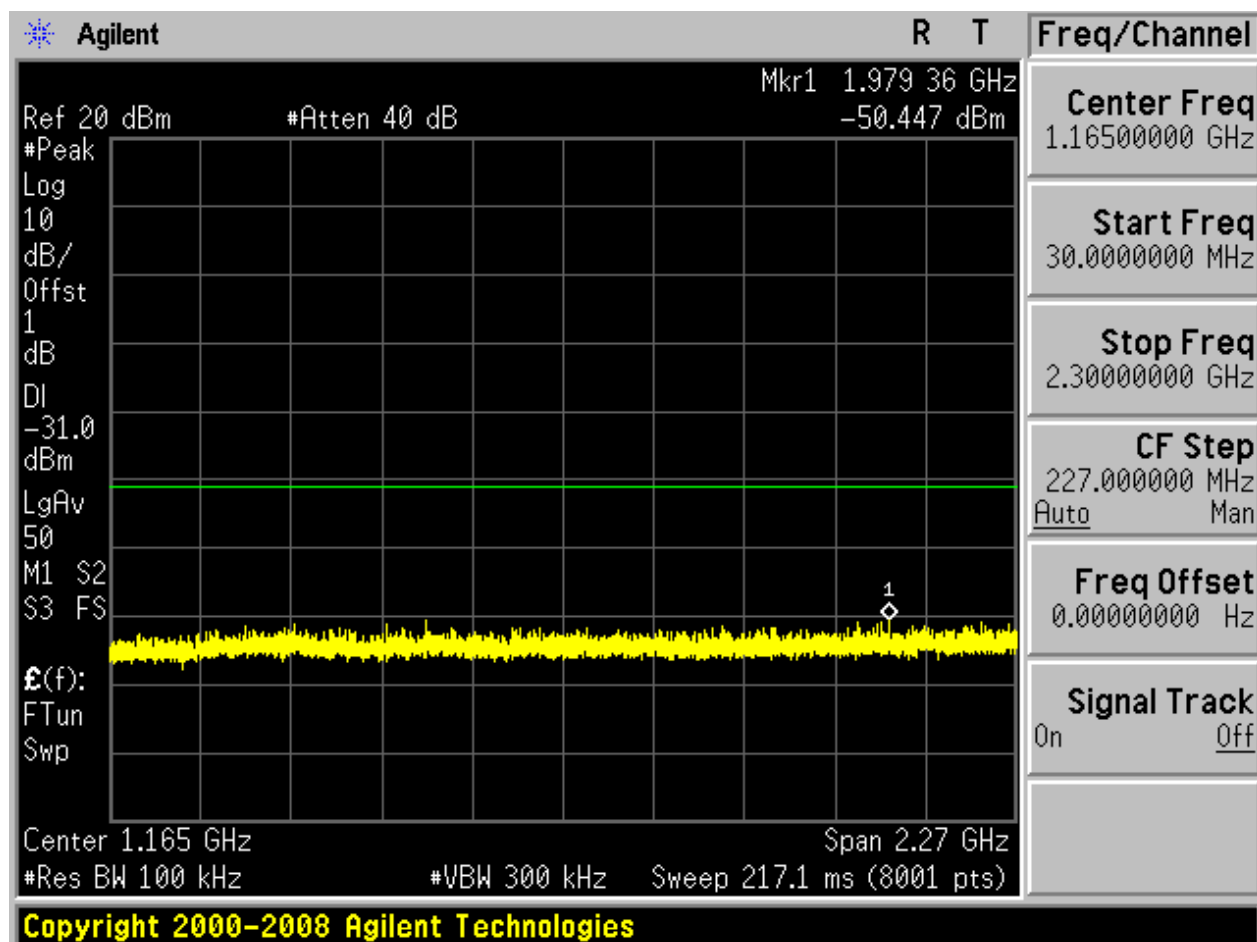


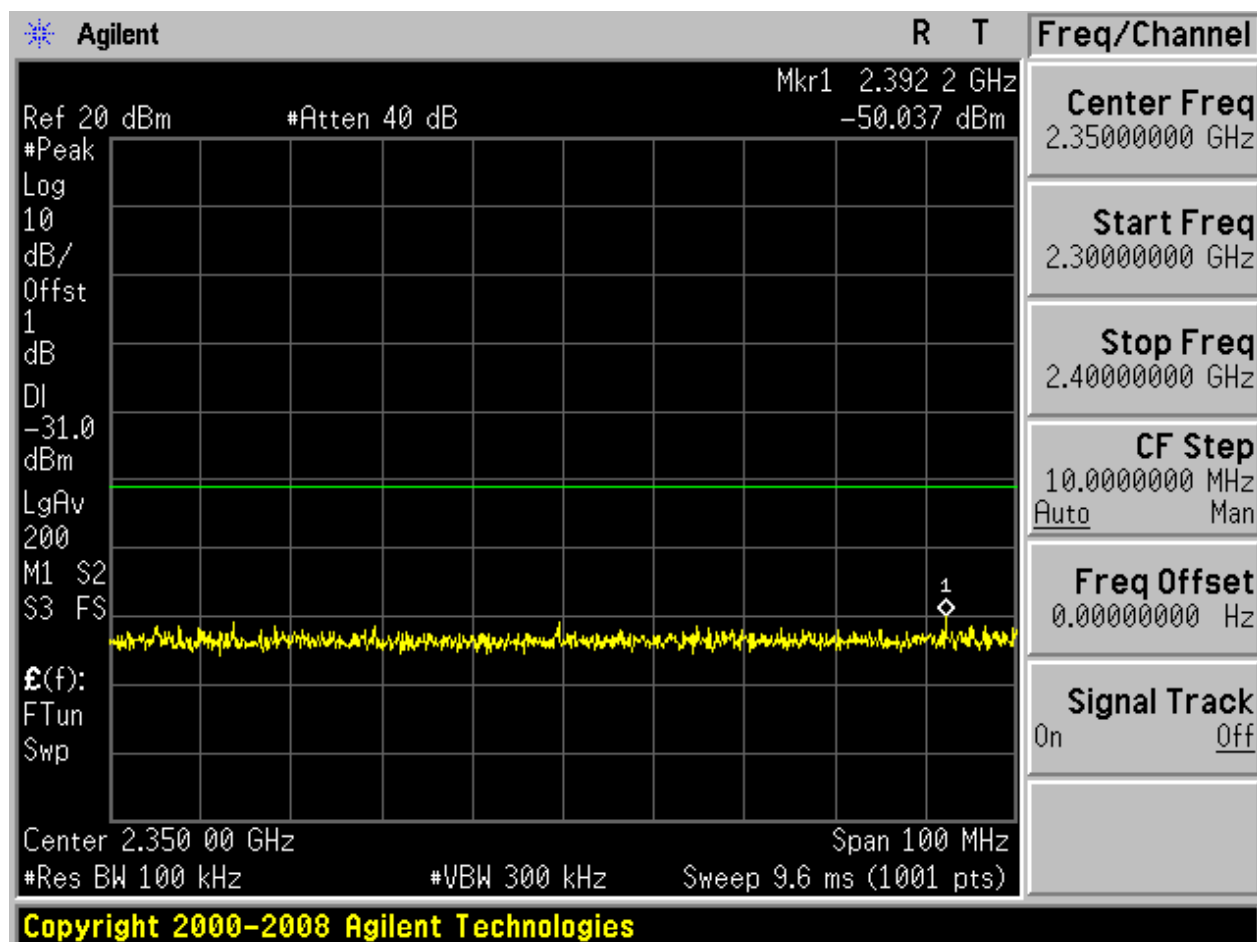


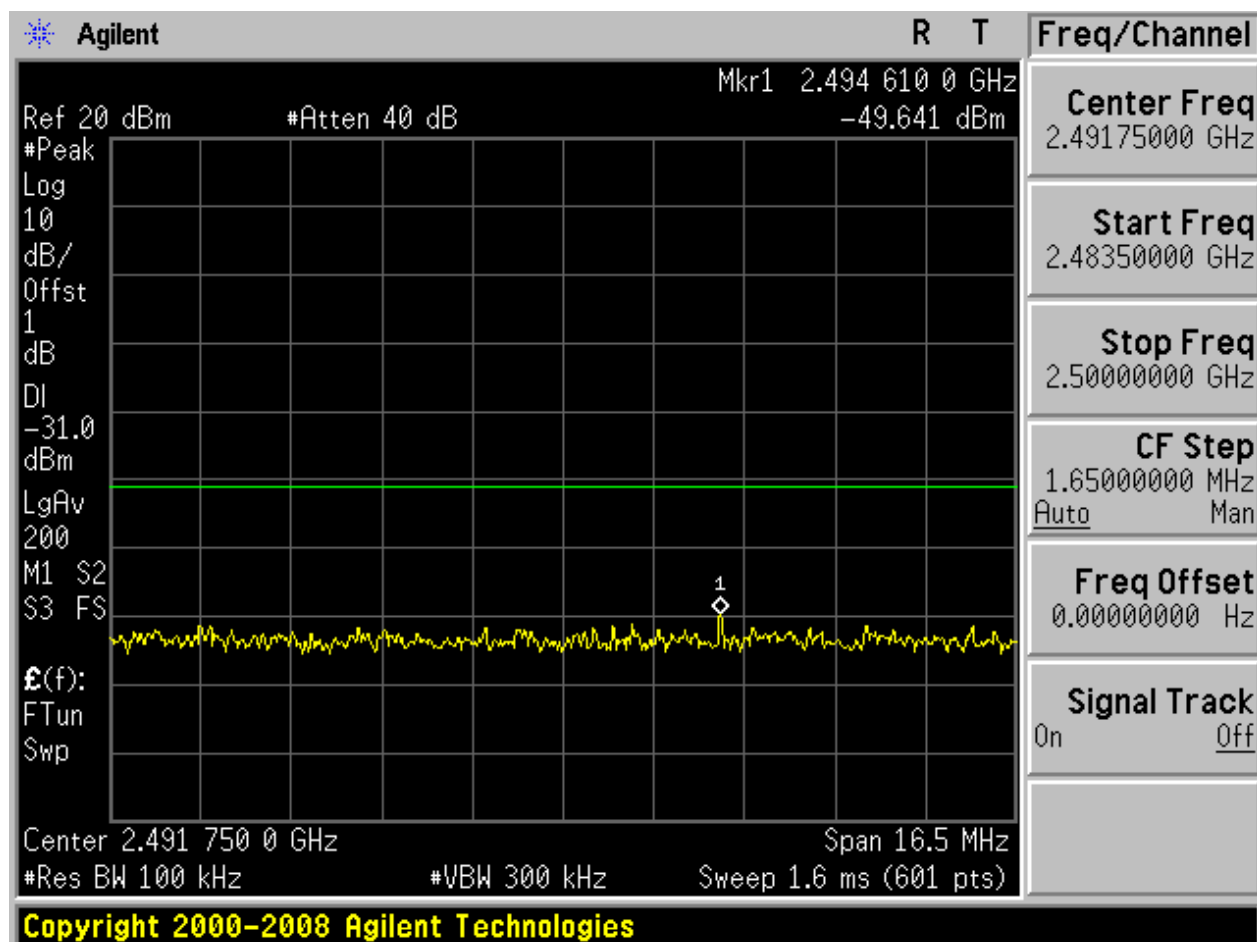
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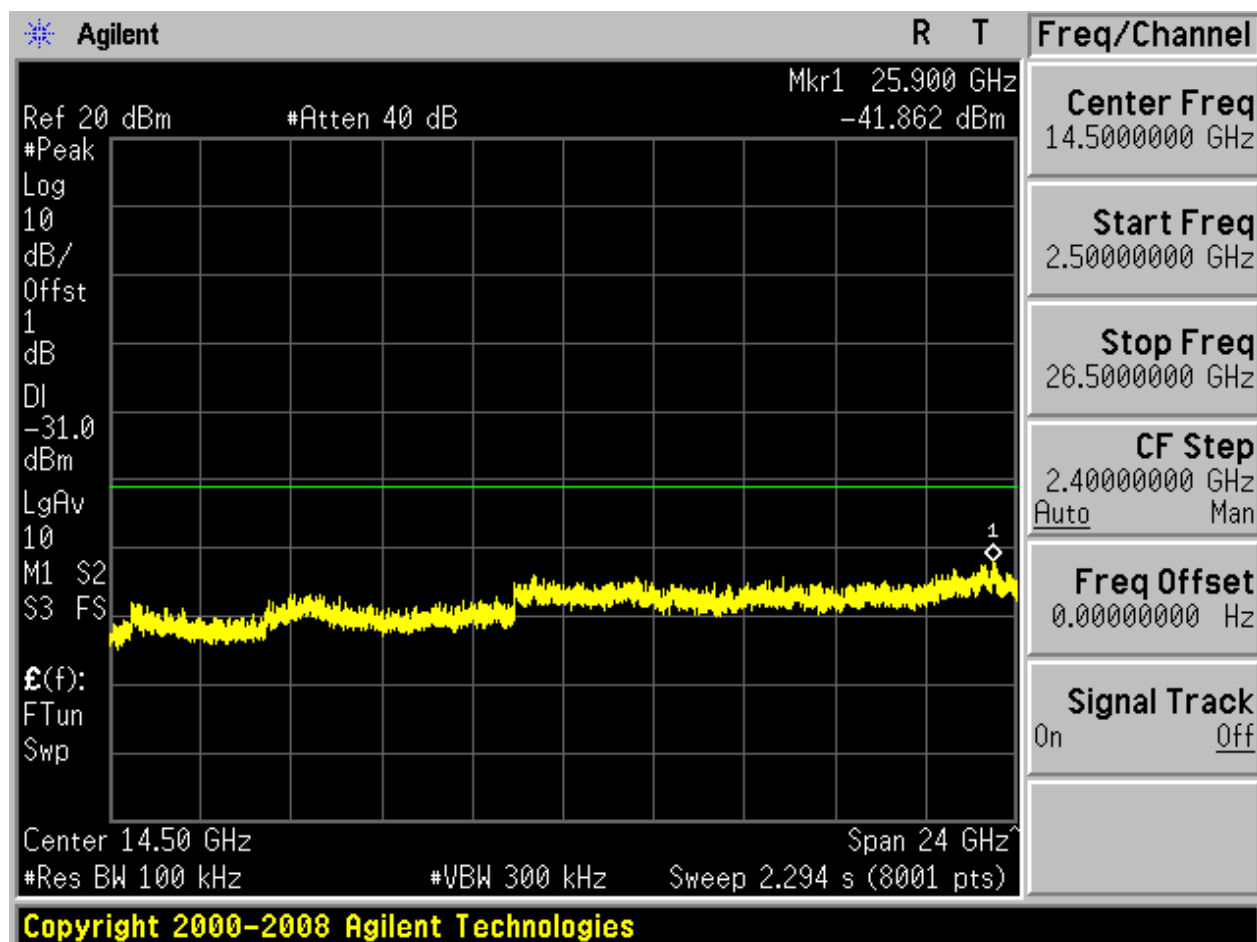








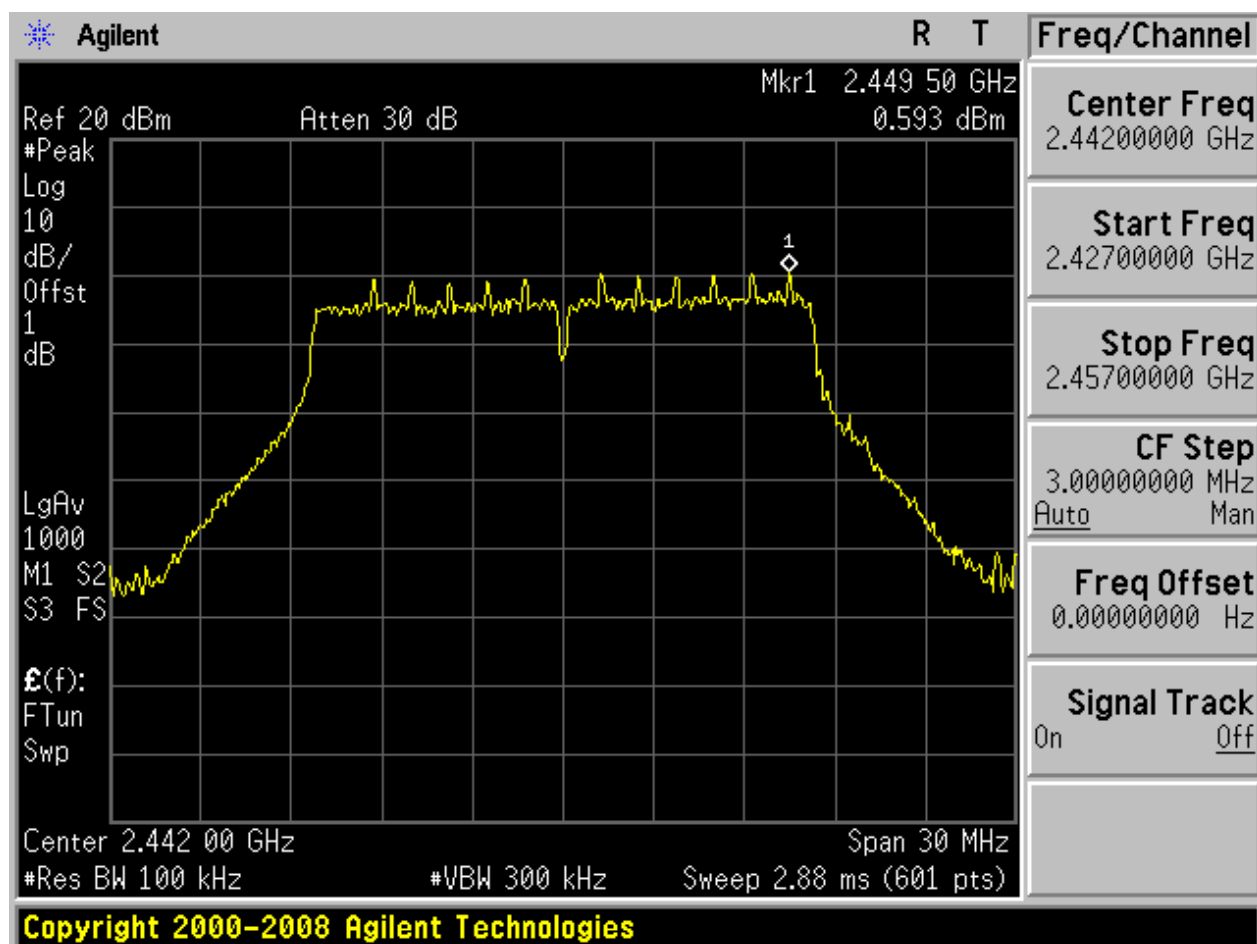






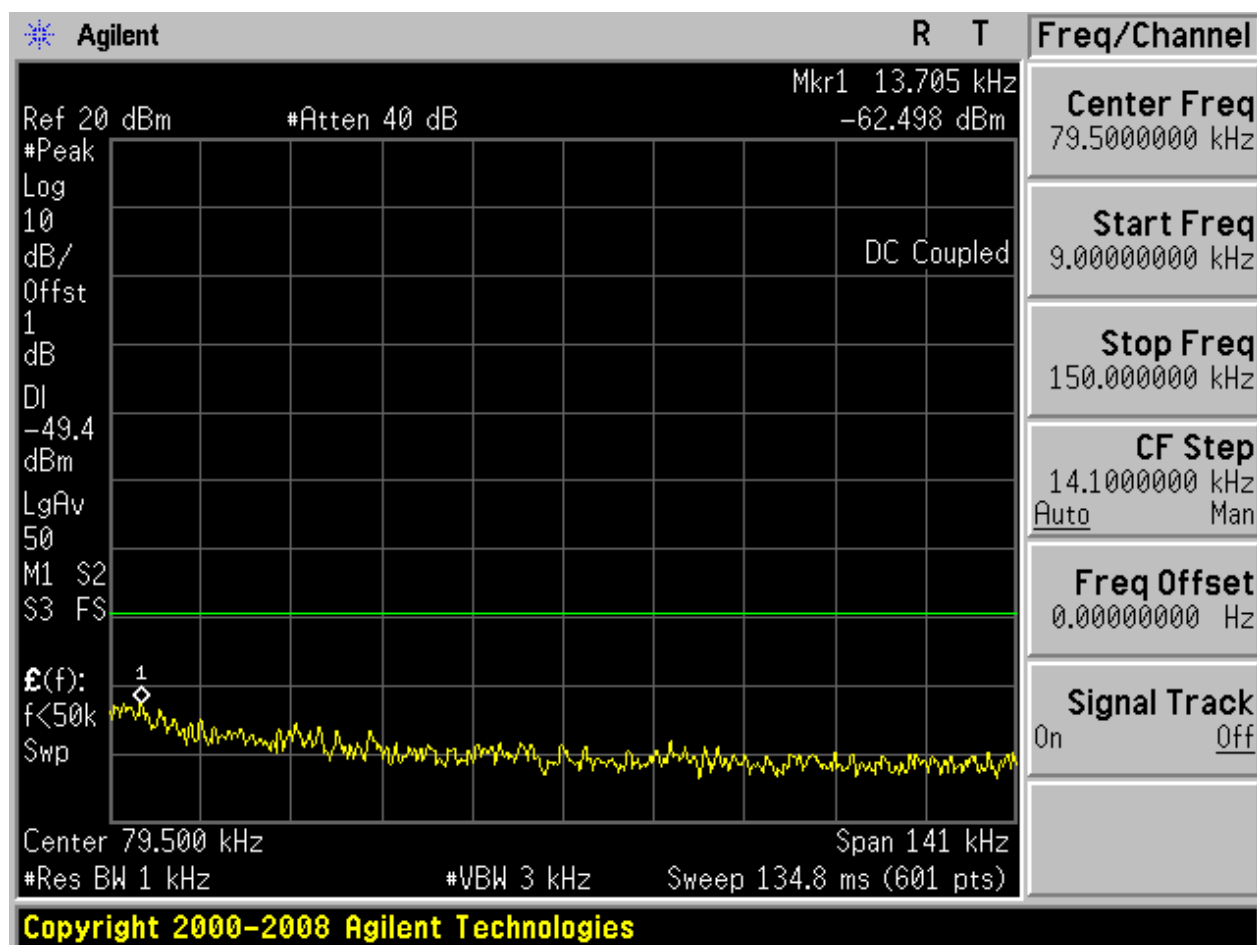
2.12 11G_H@Ant 2

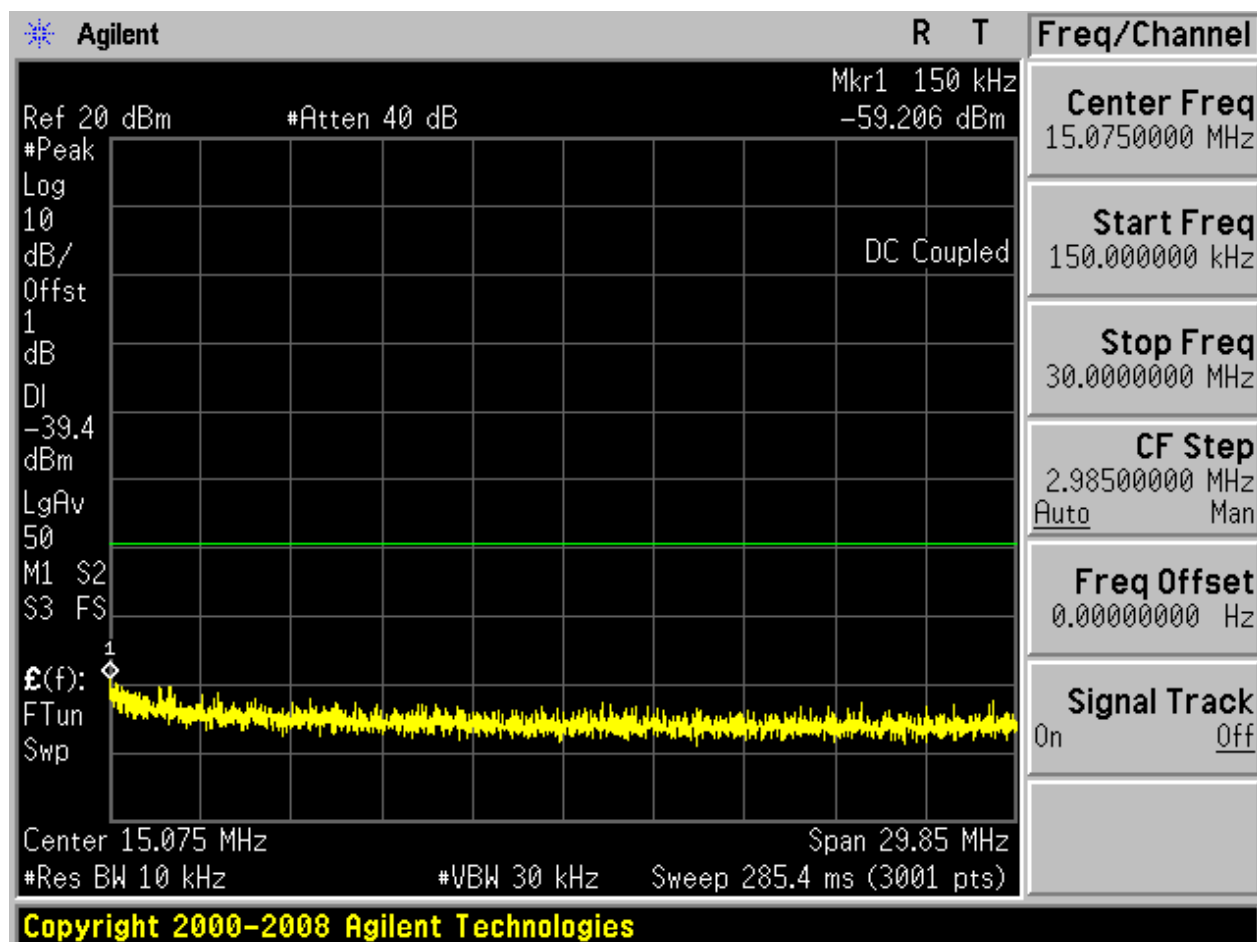
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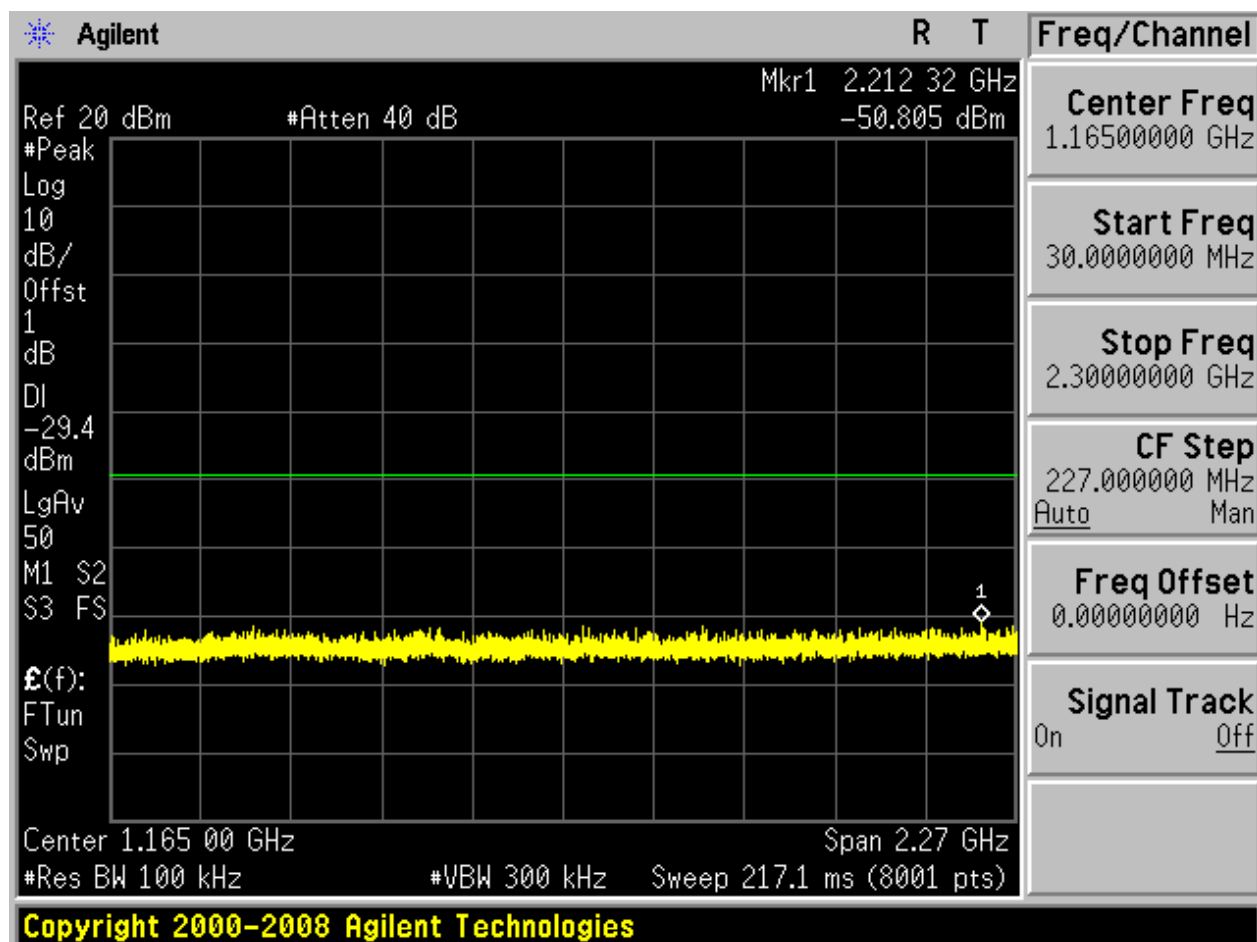


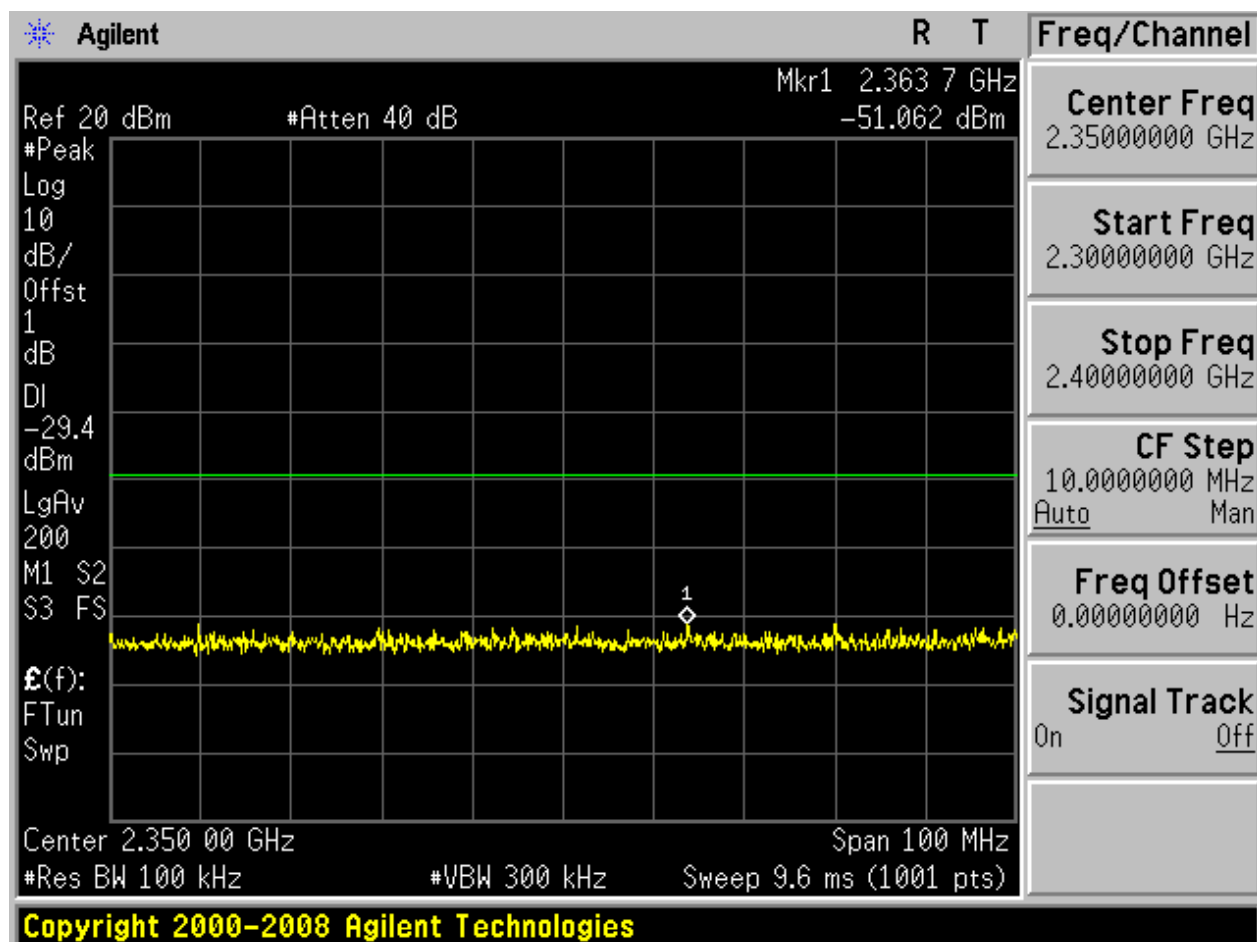


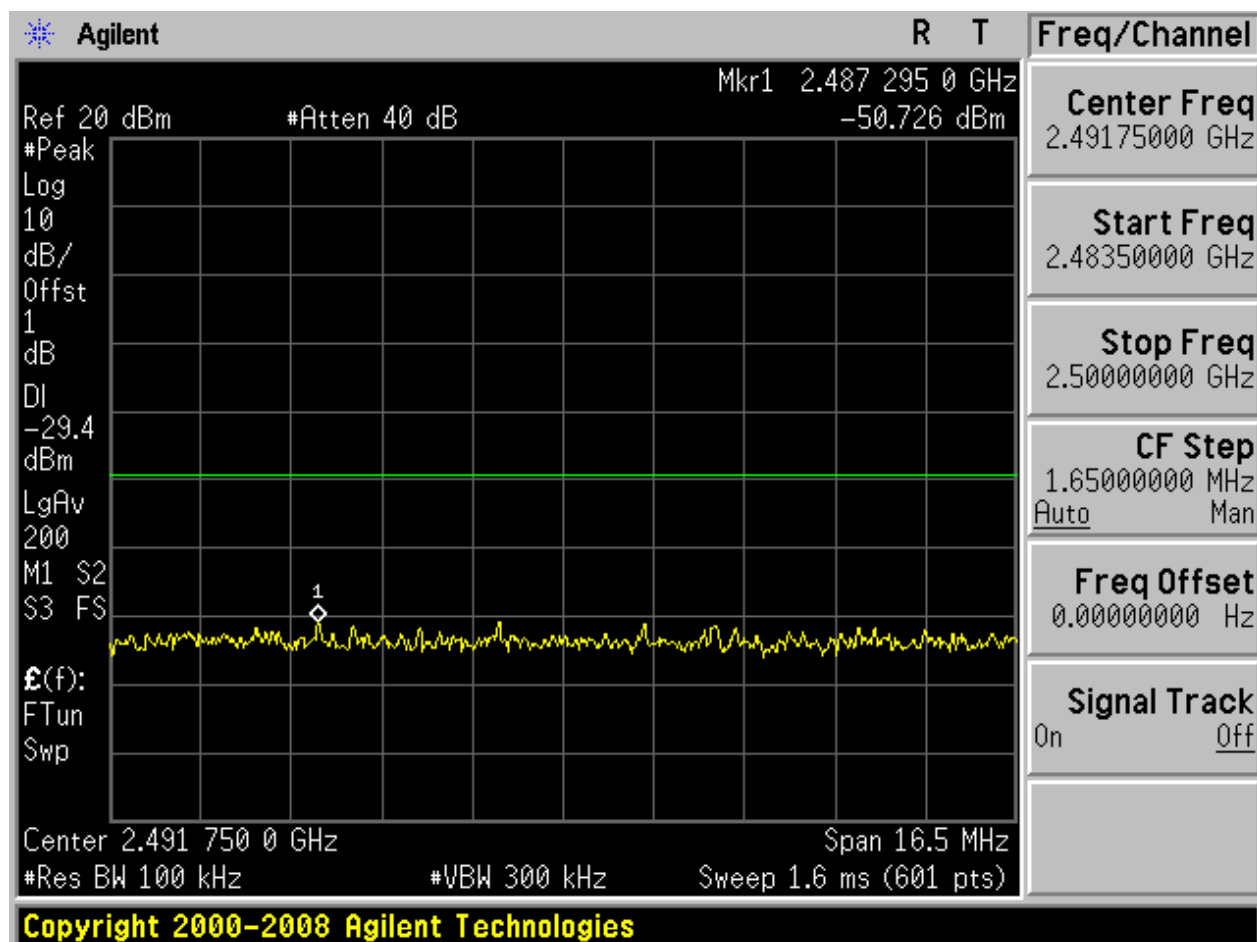
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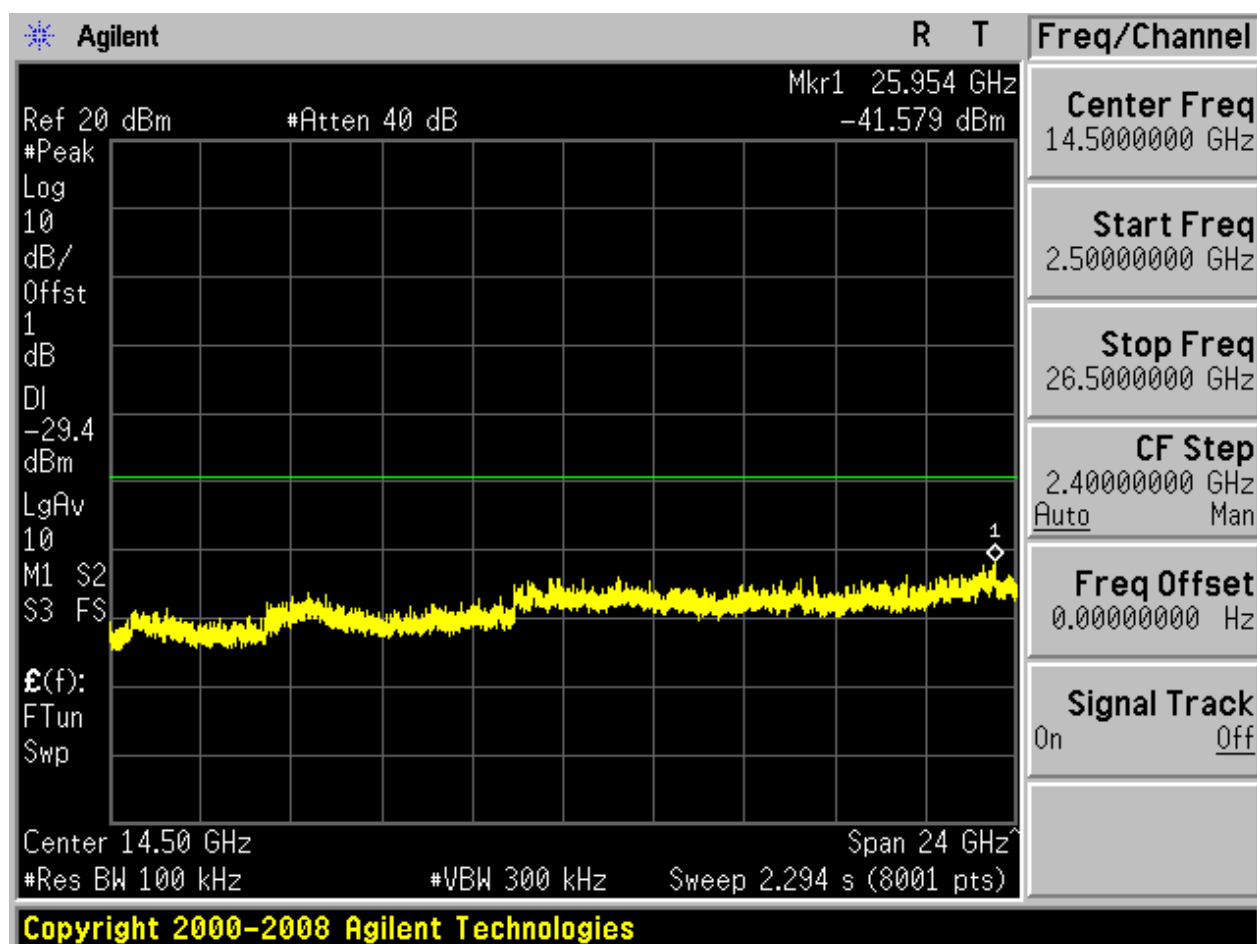








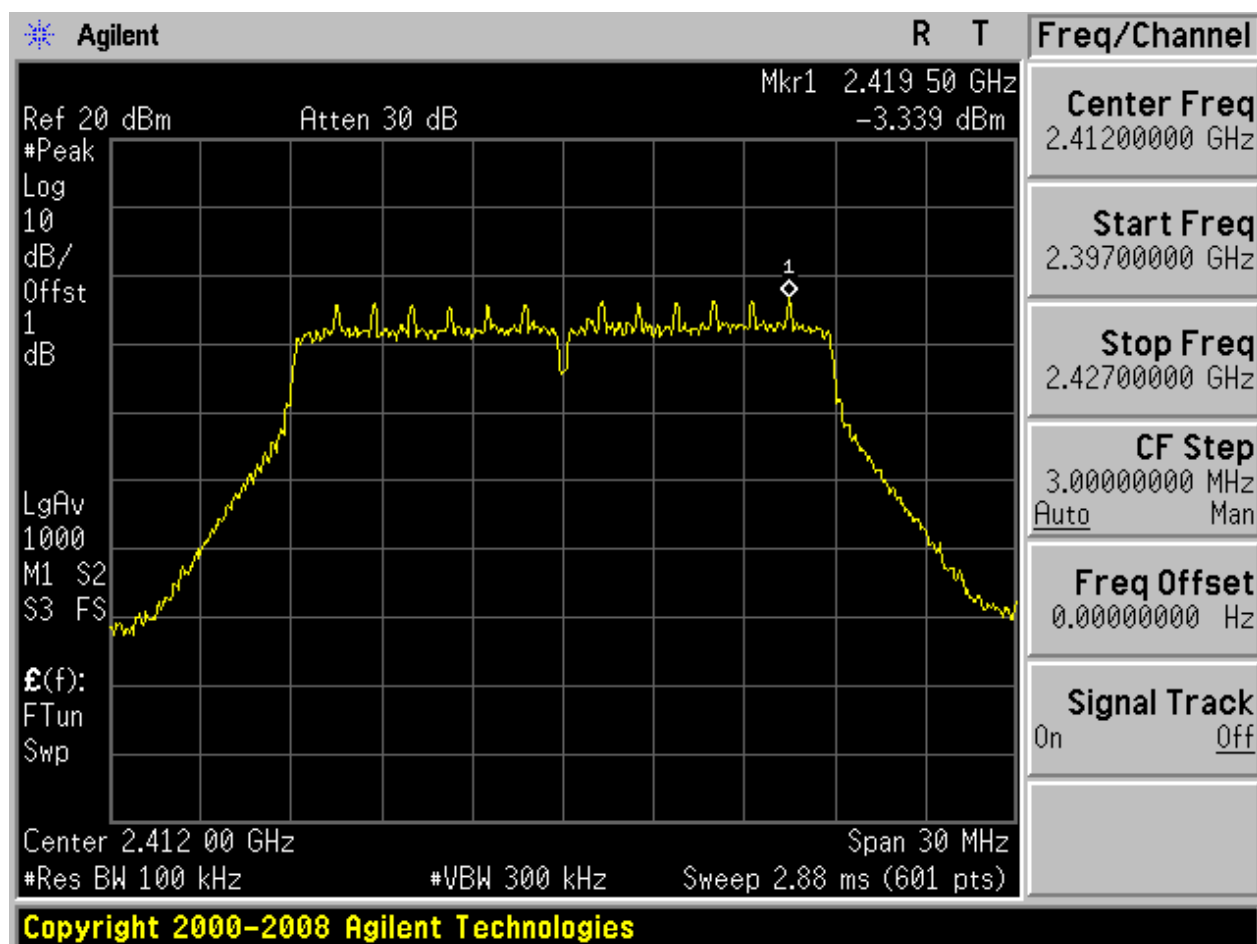




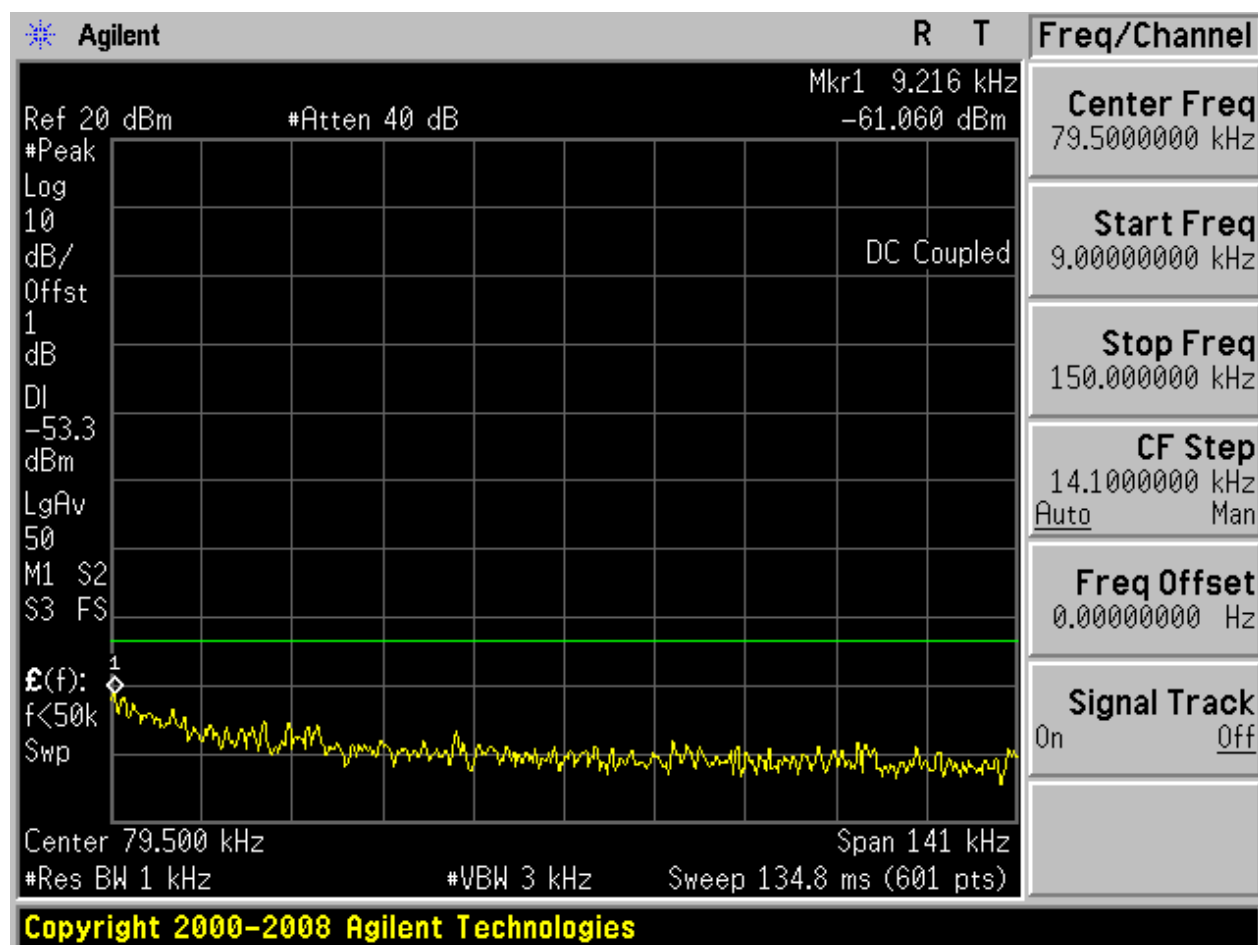


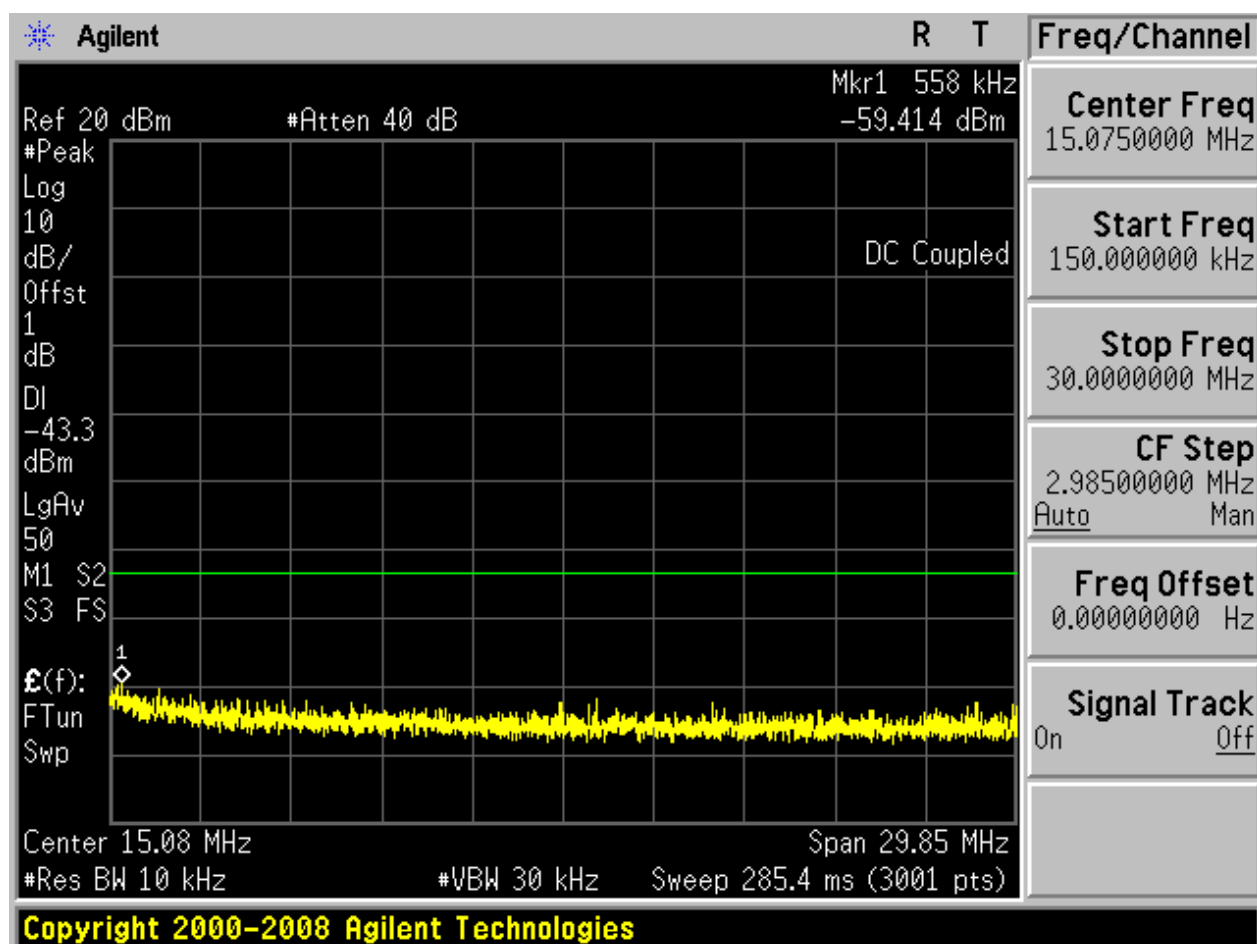
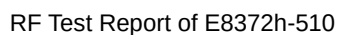
2.13 11N20_L@Ant 1

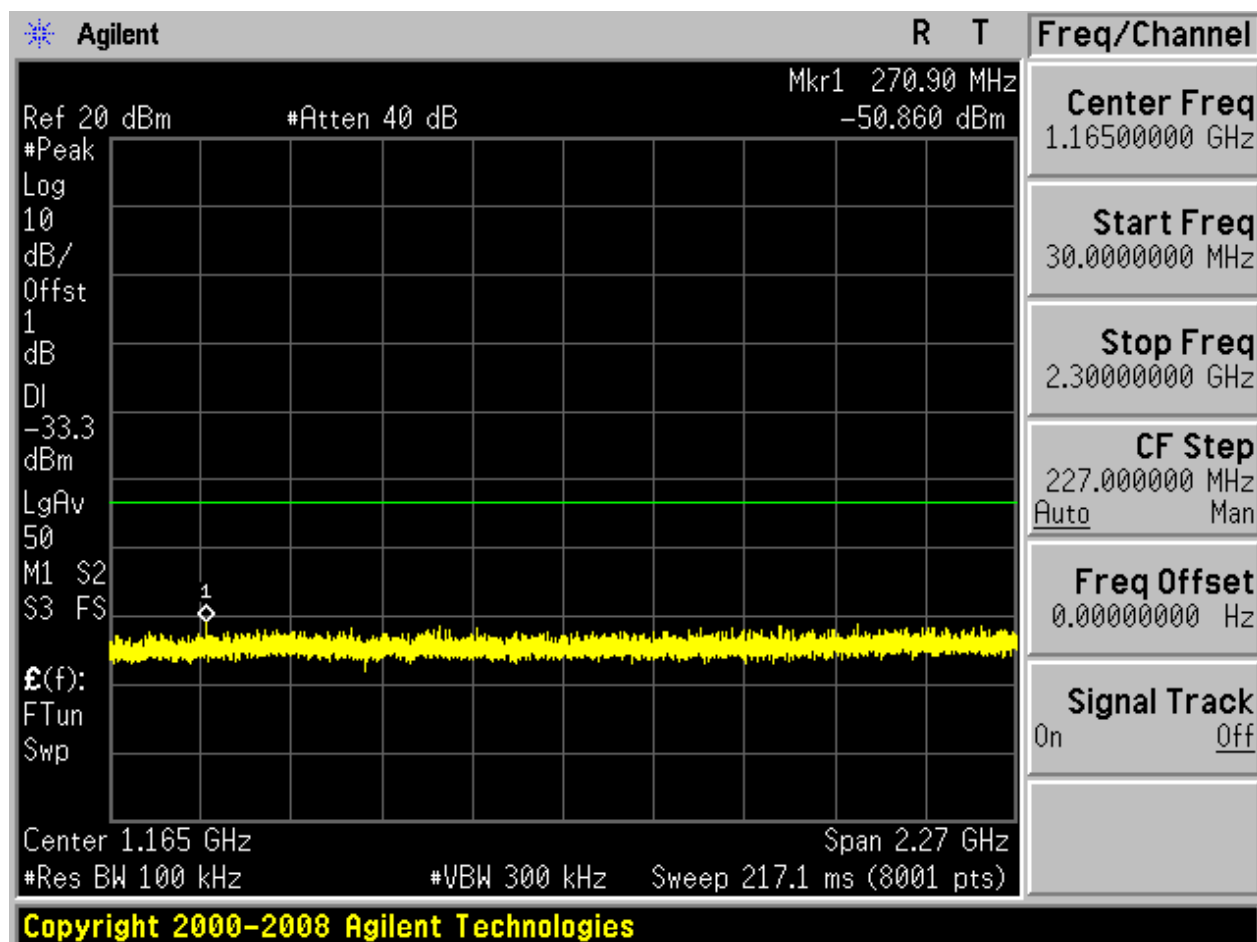
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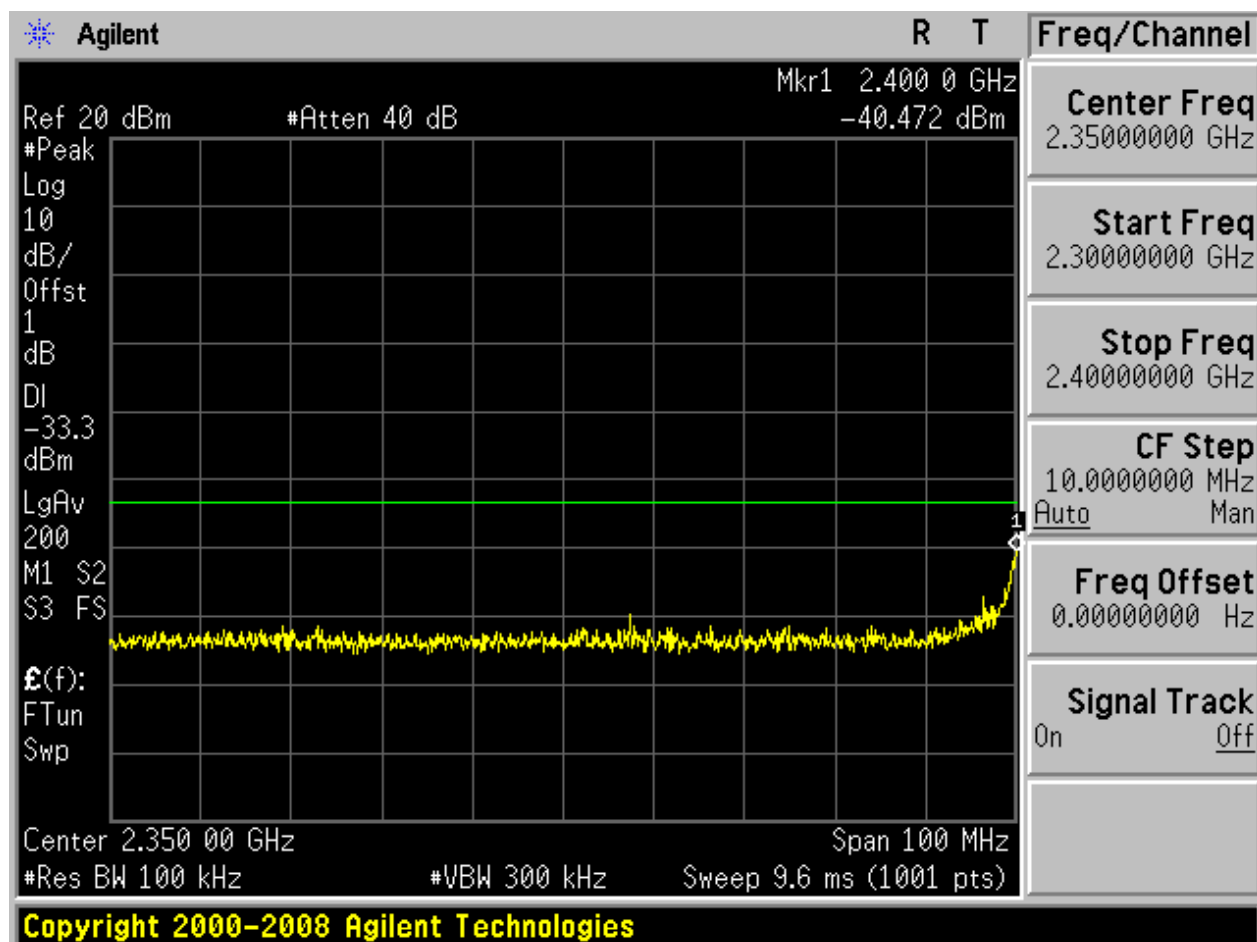


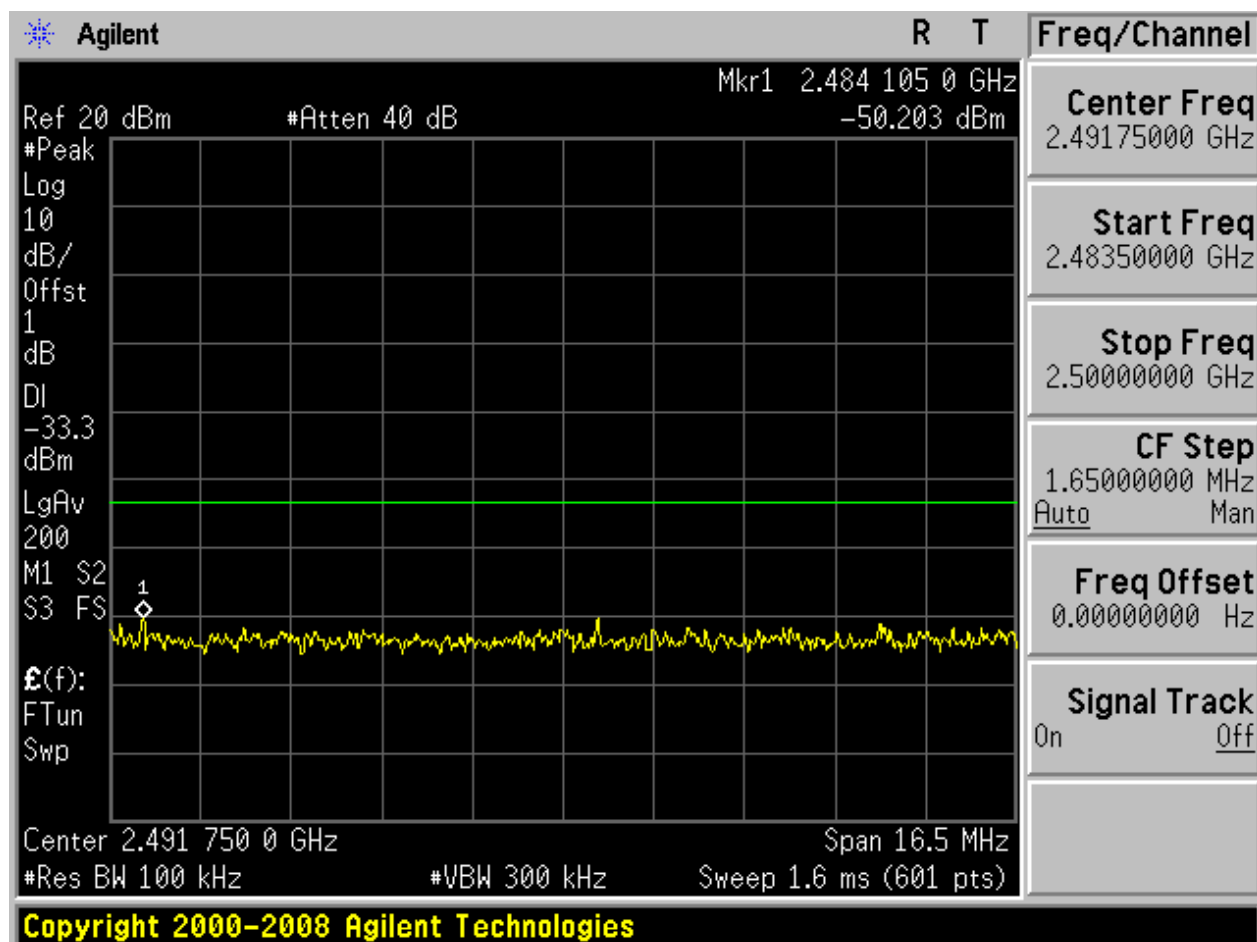
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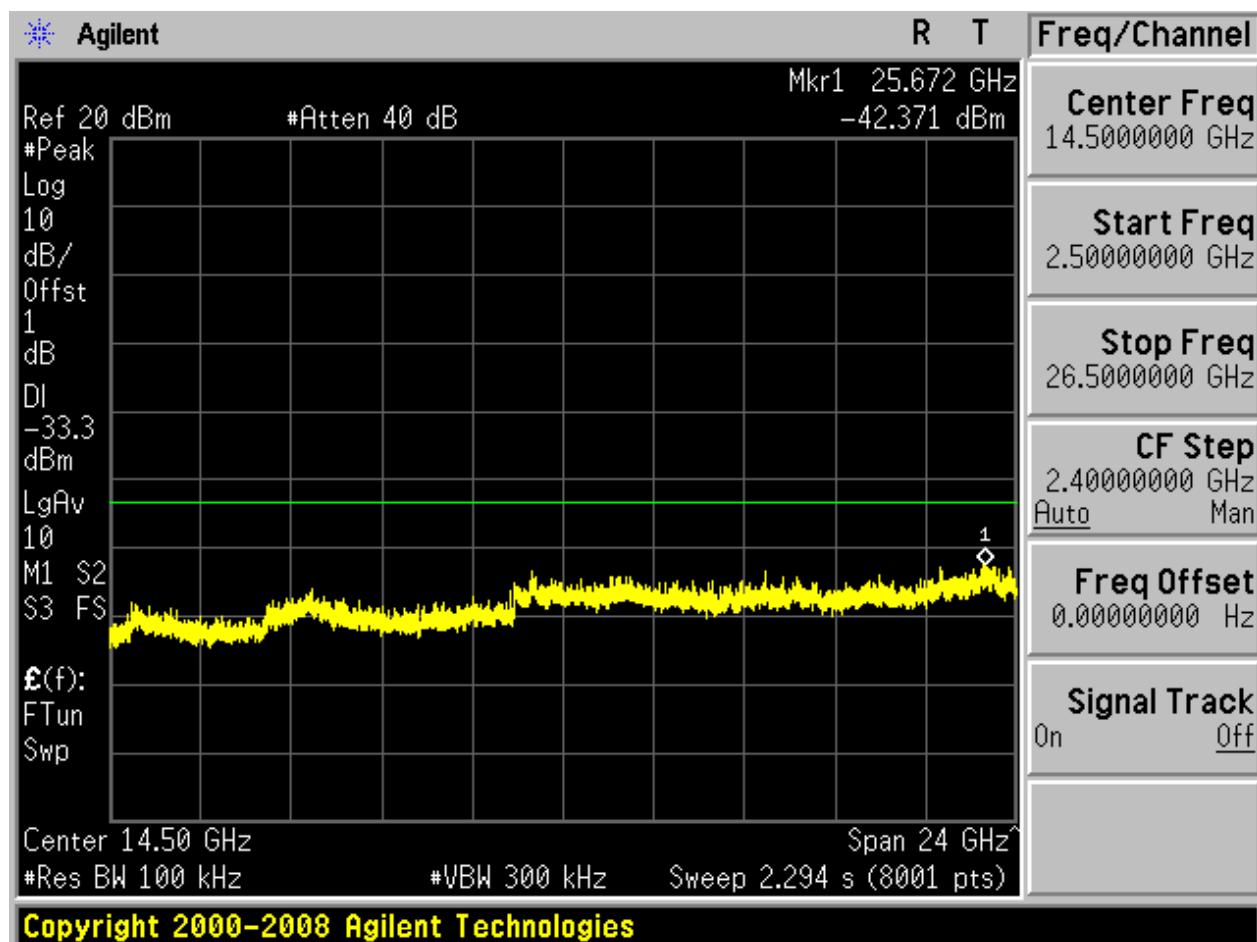








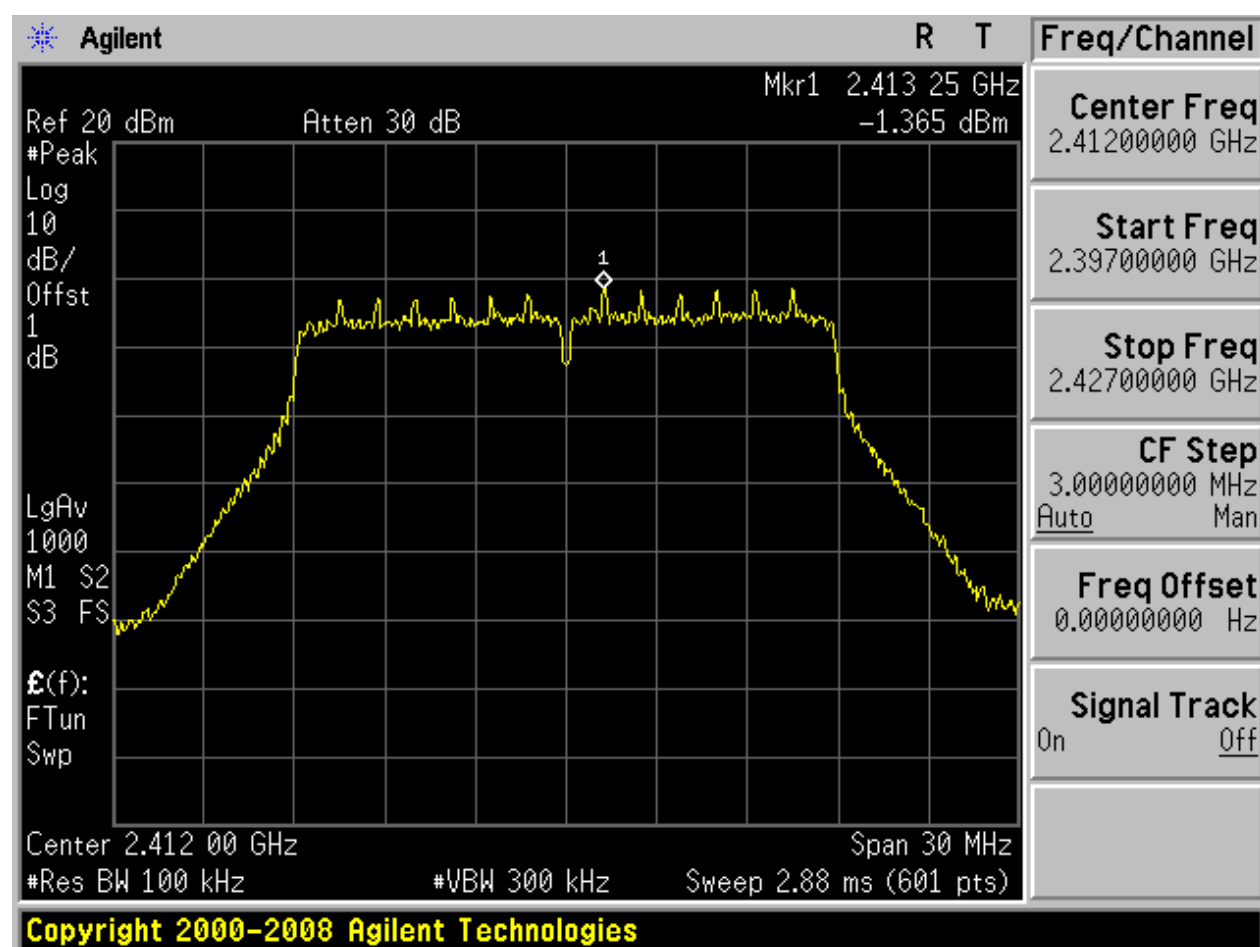




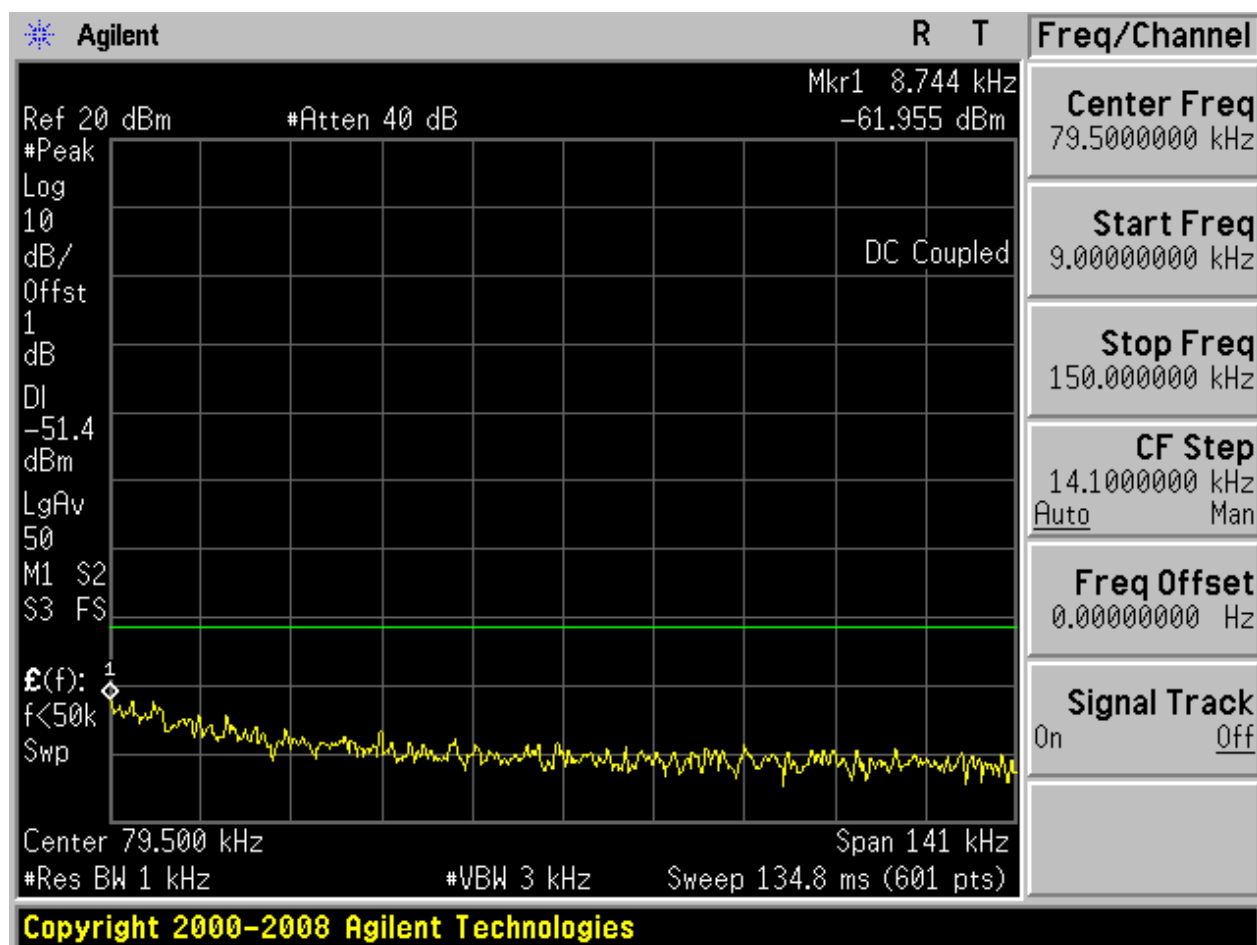


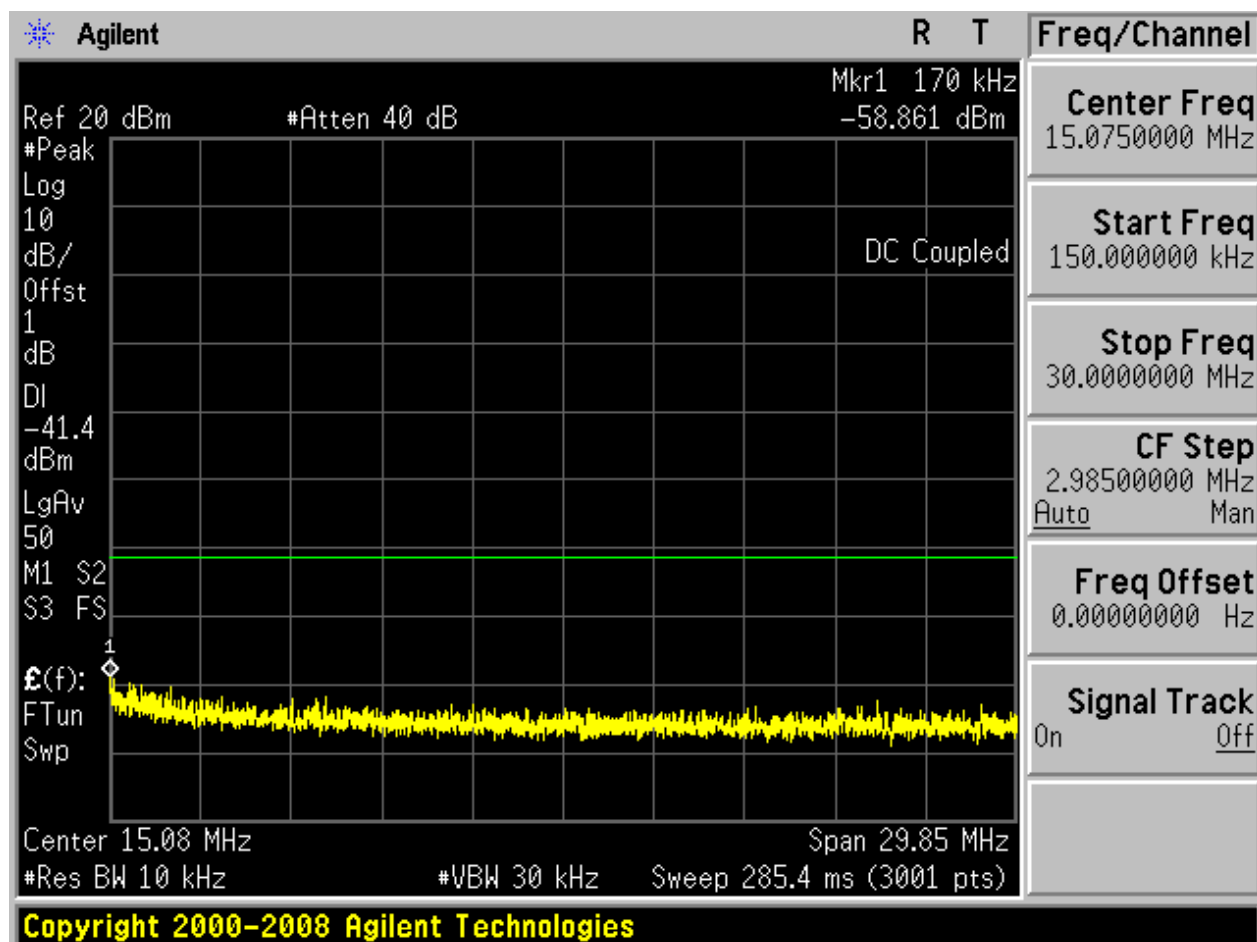
2.14 11N20_L@Ant 2

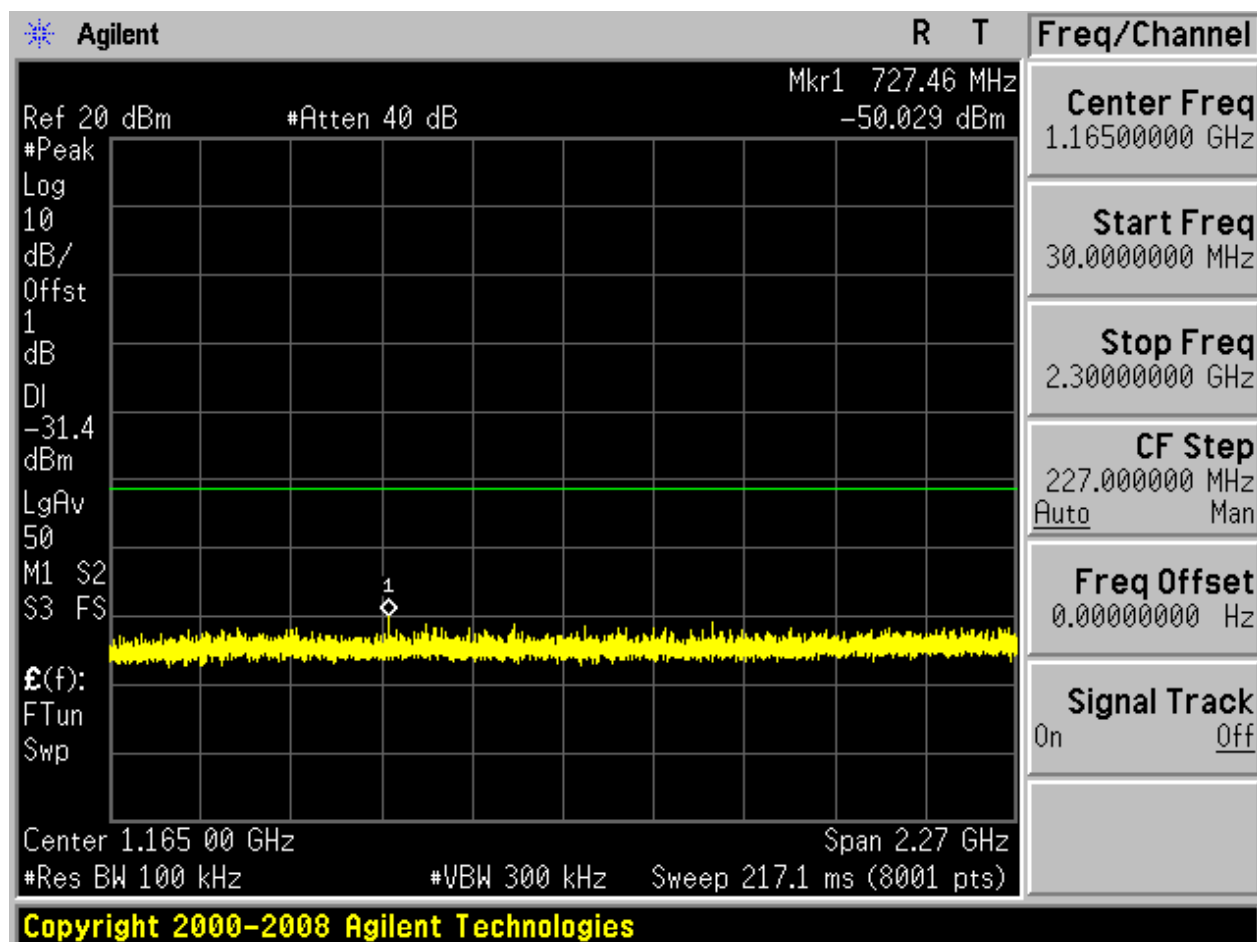
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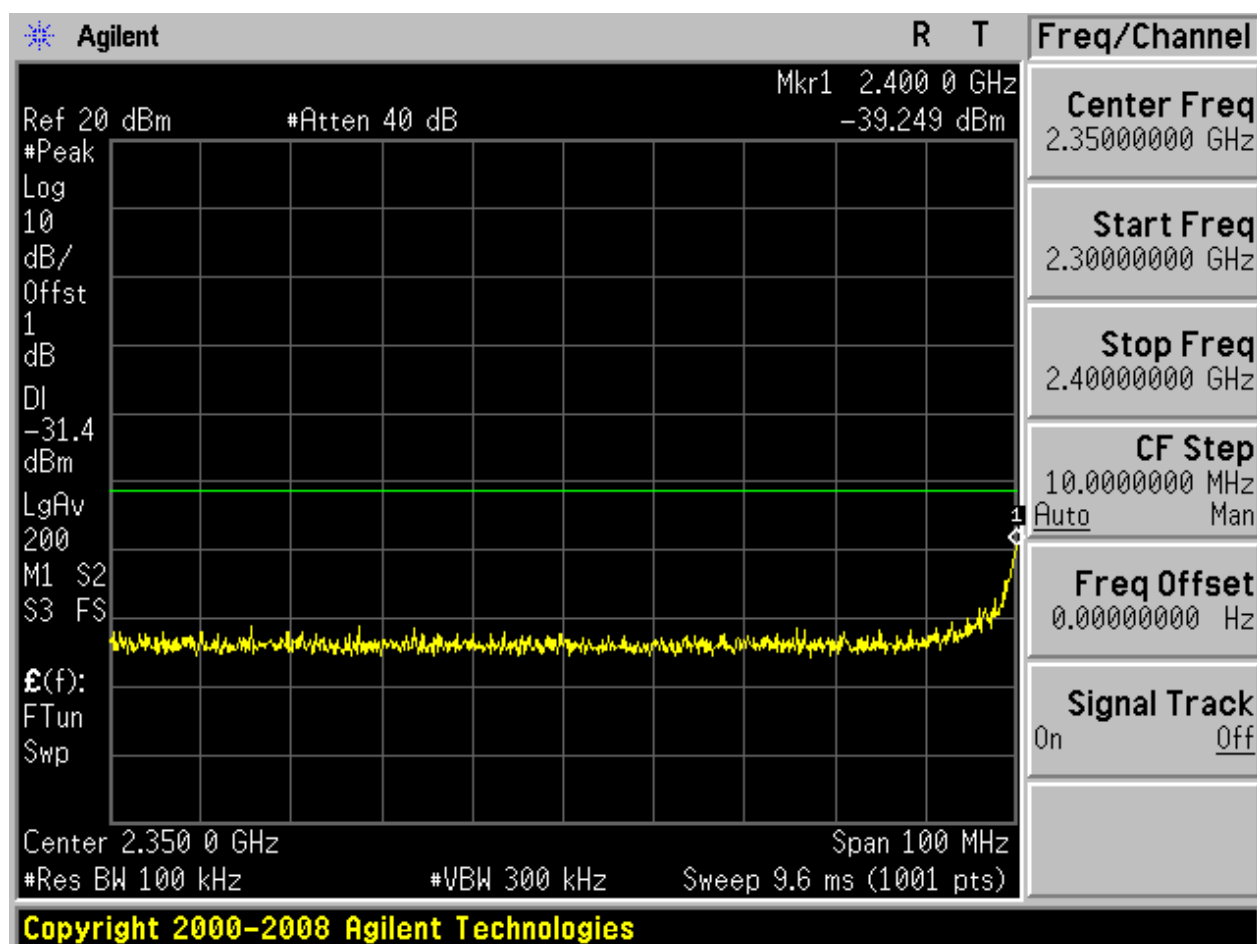


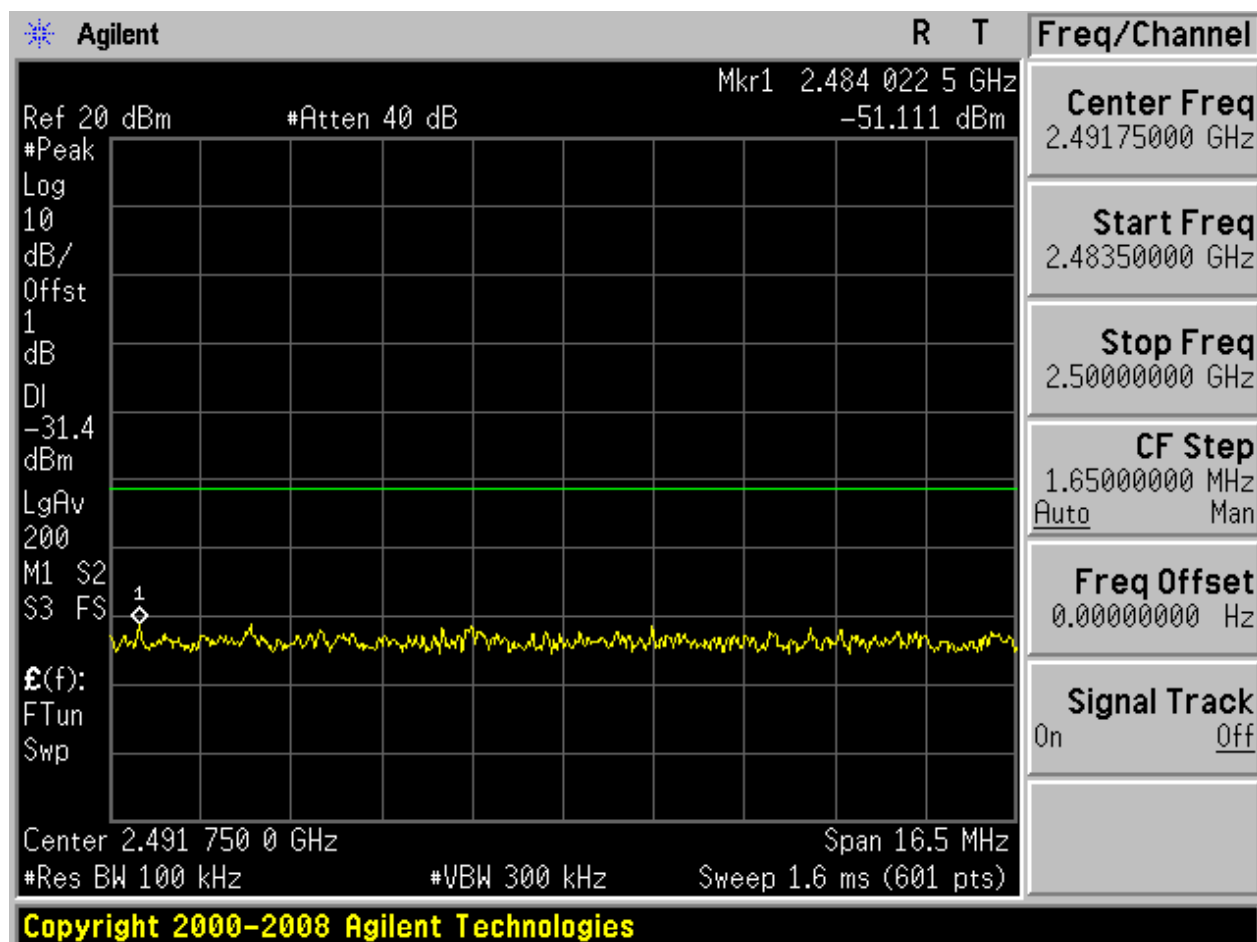
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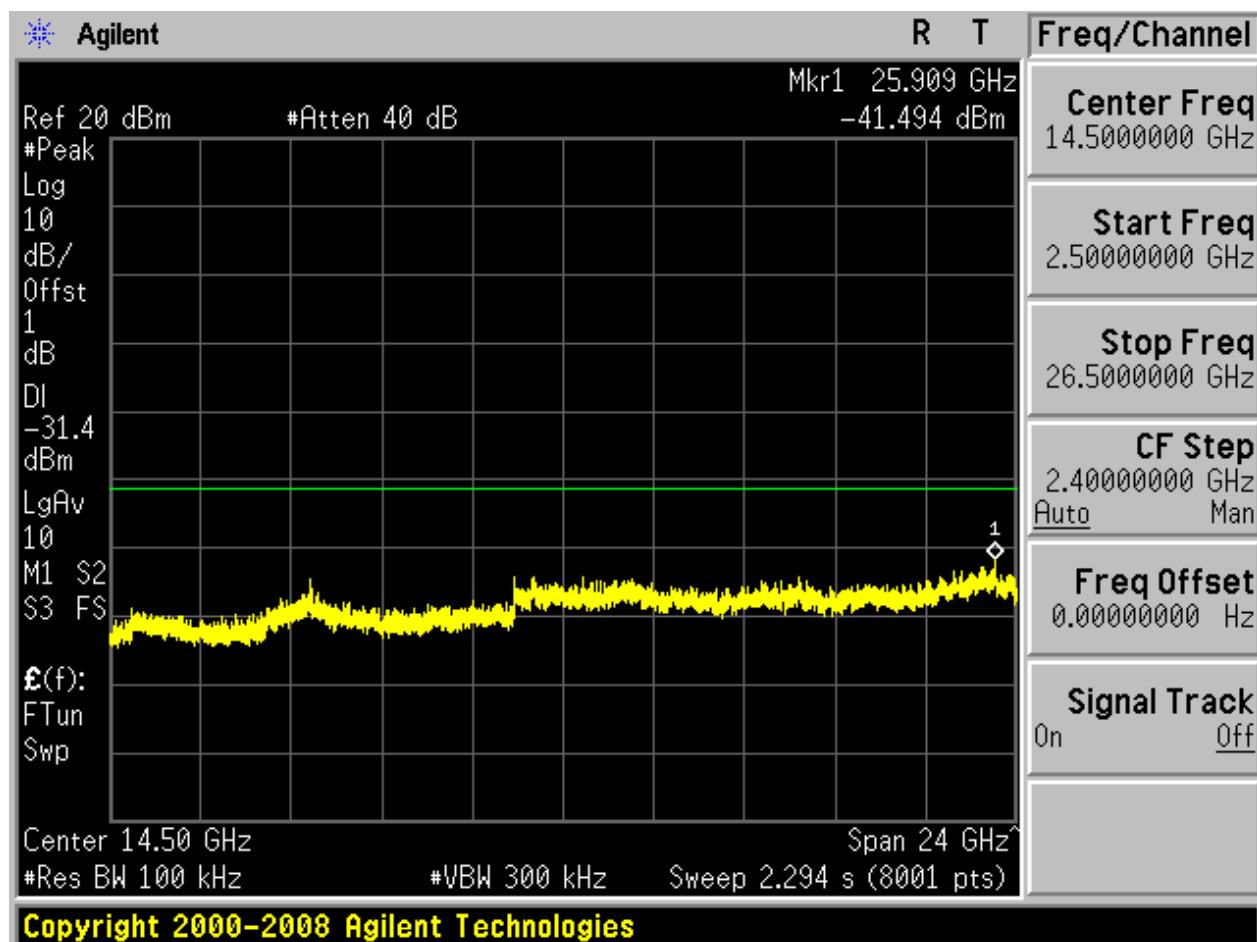








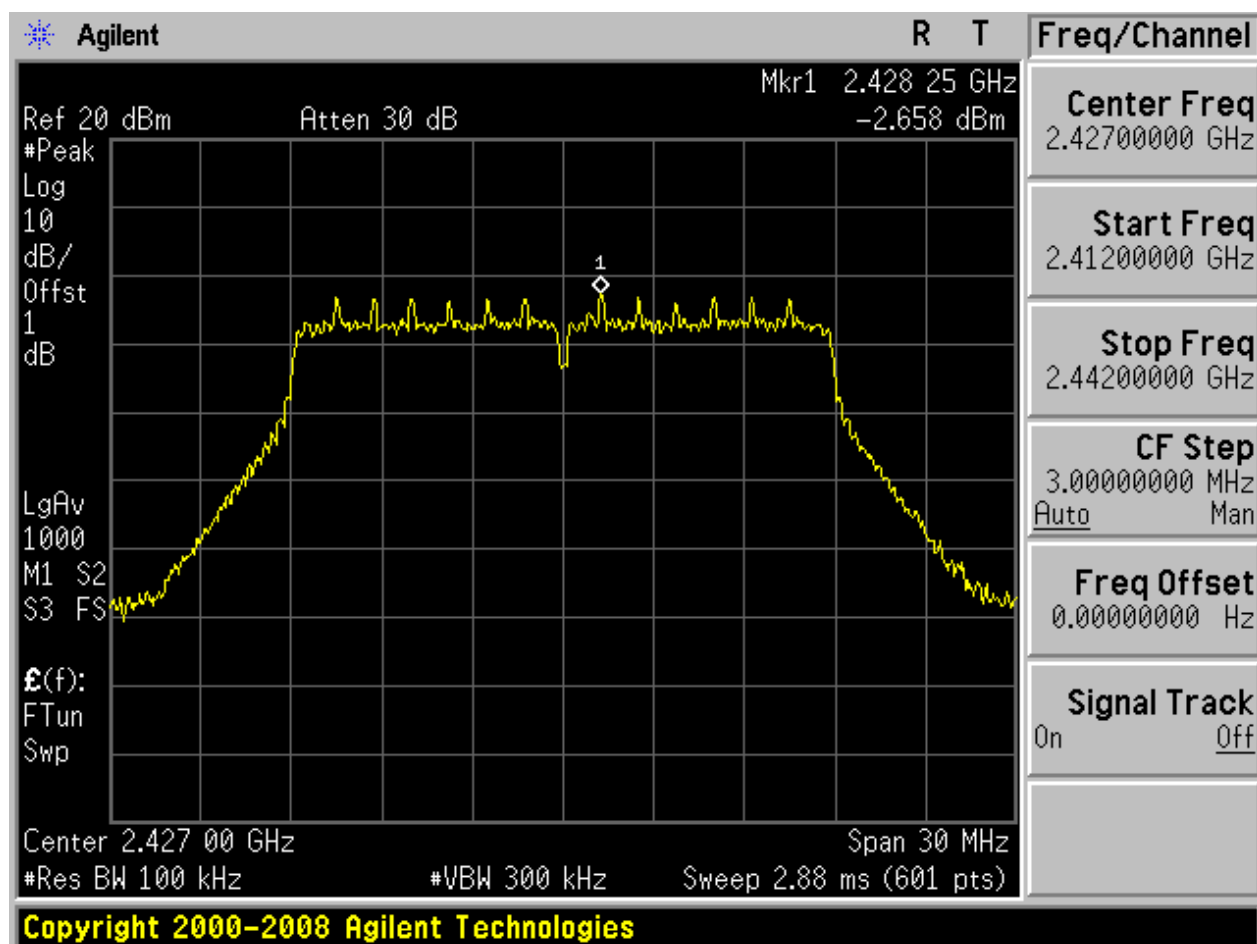






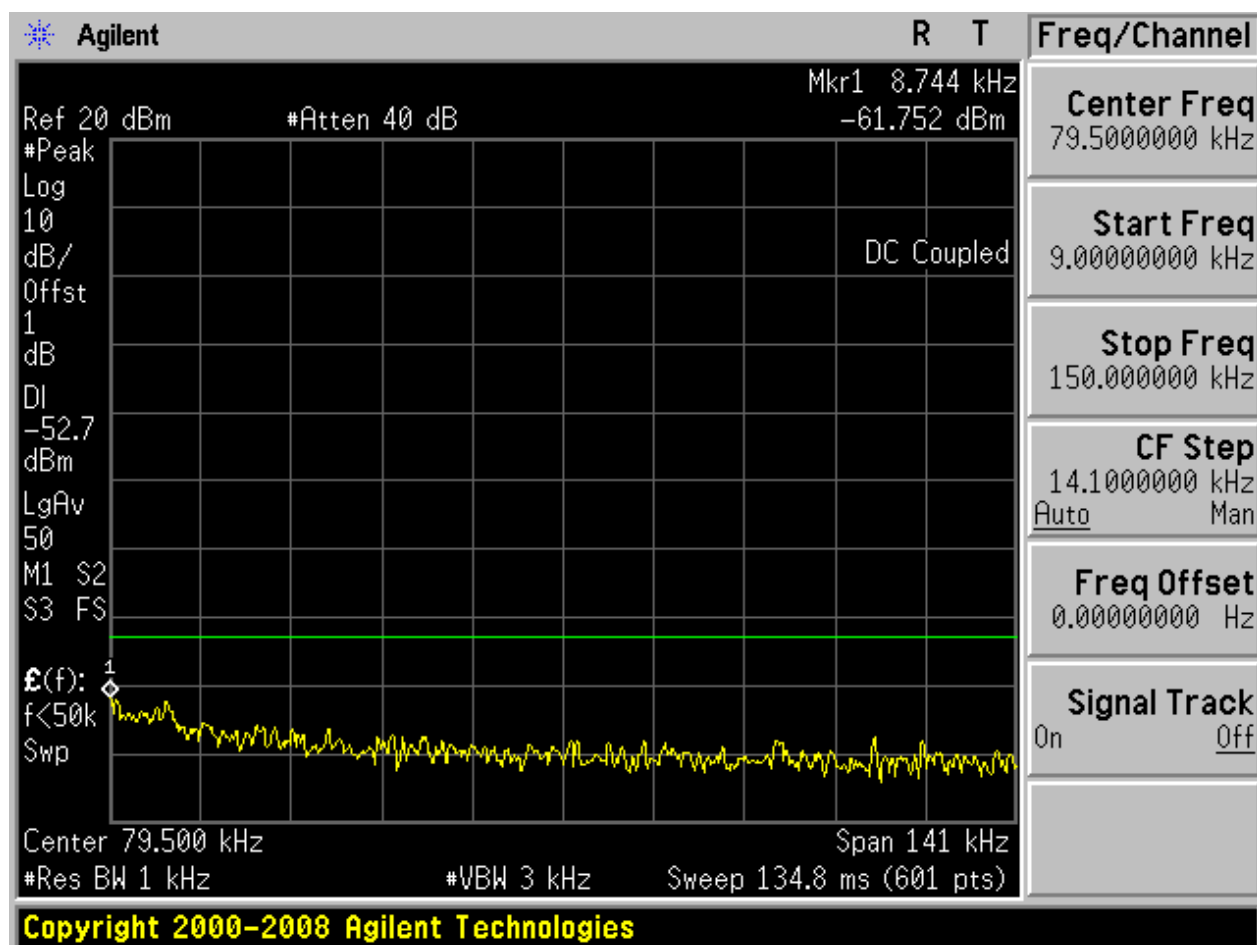
2.15 11N20_M@Ant 1

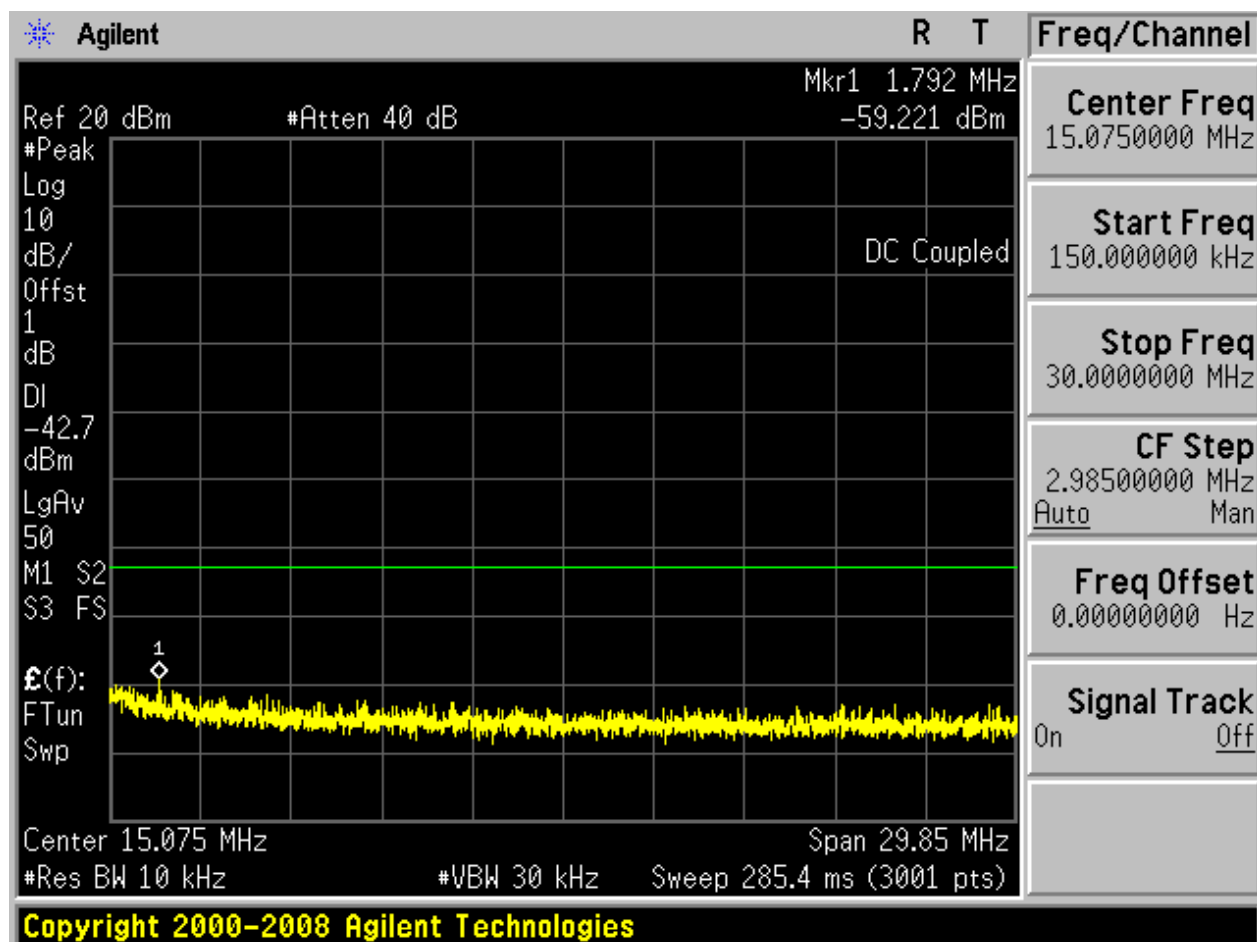
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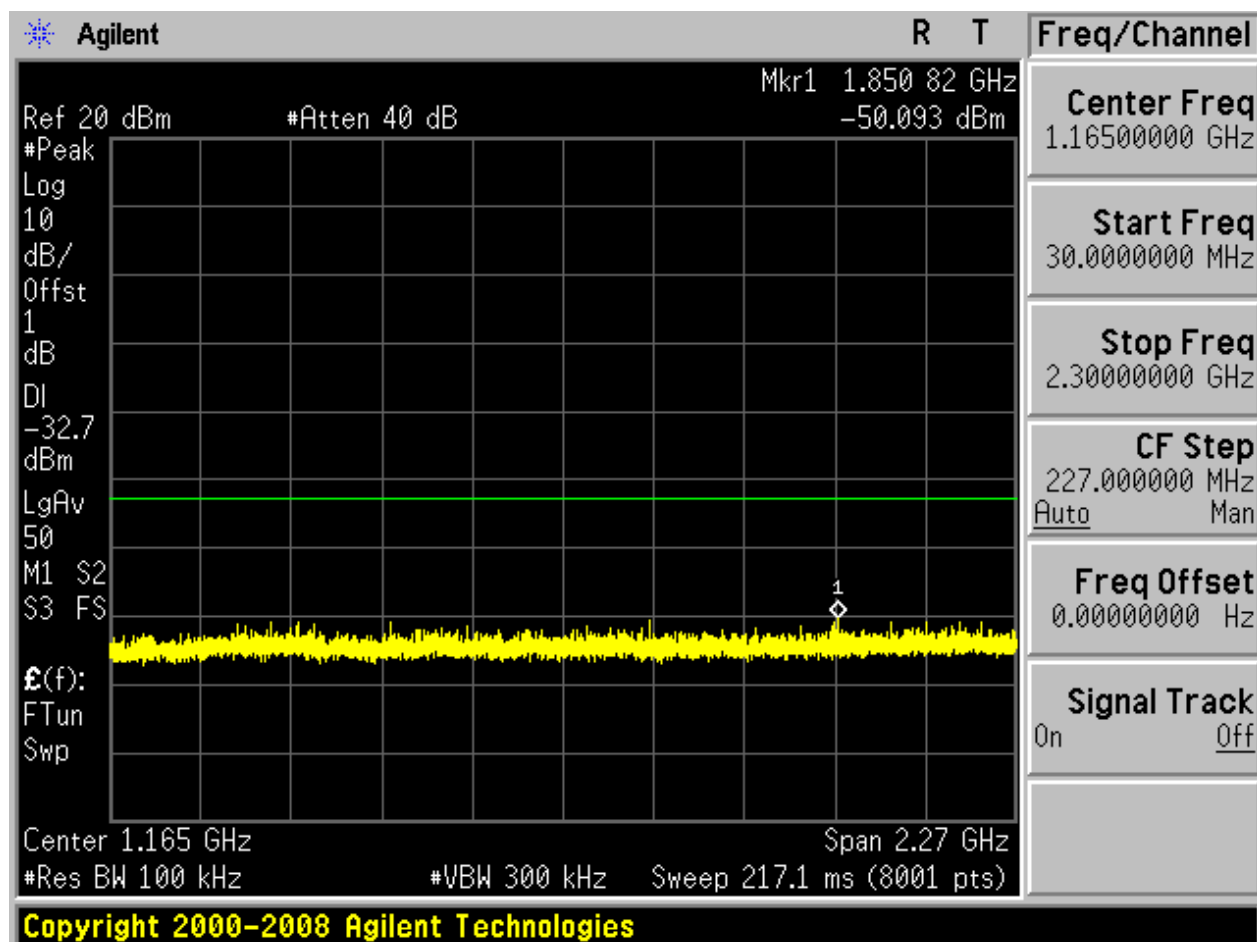


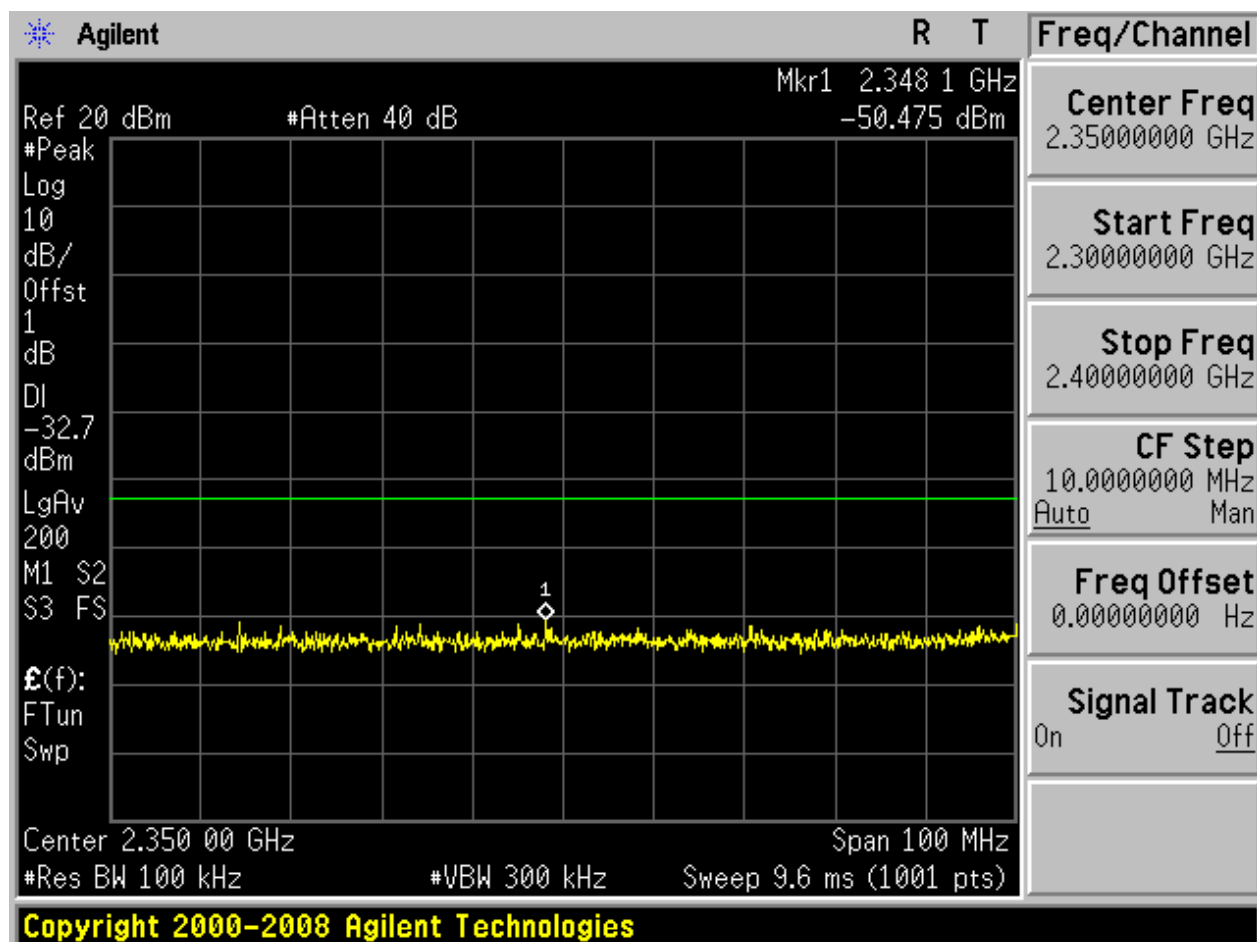


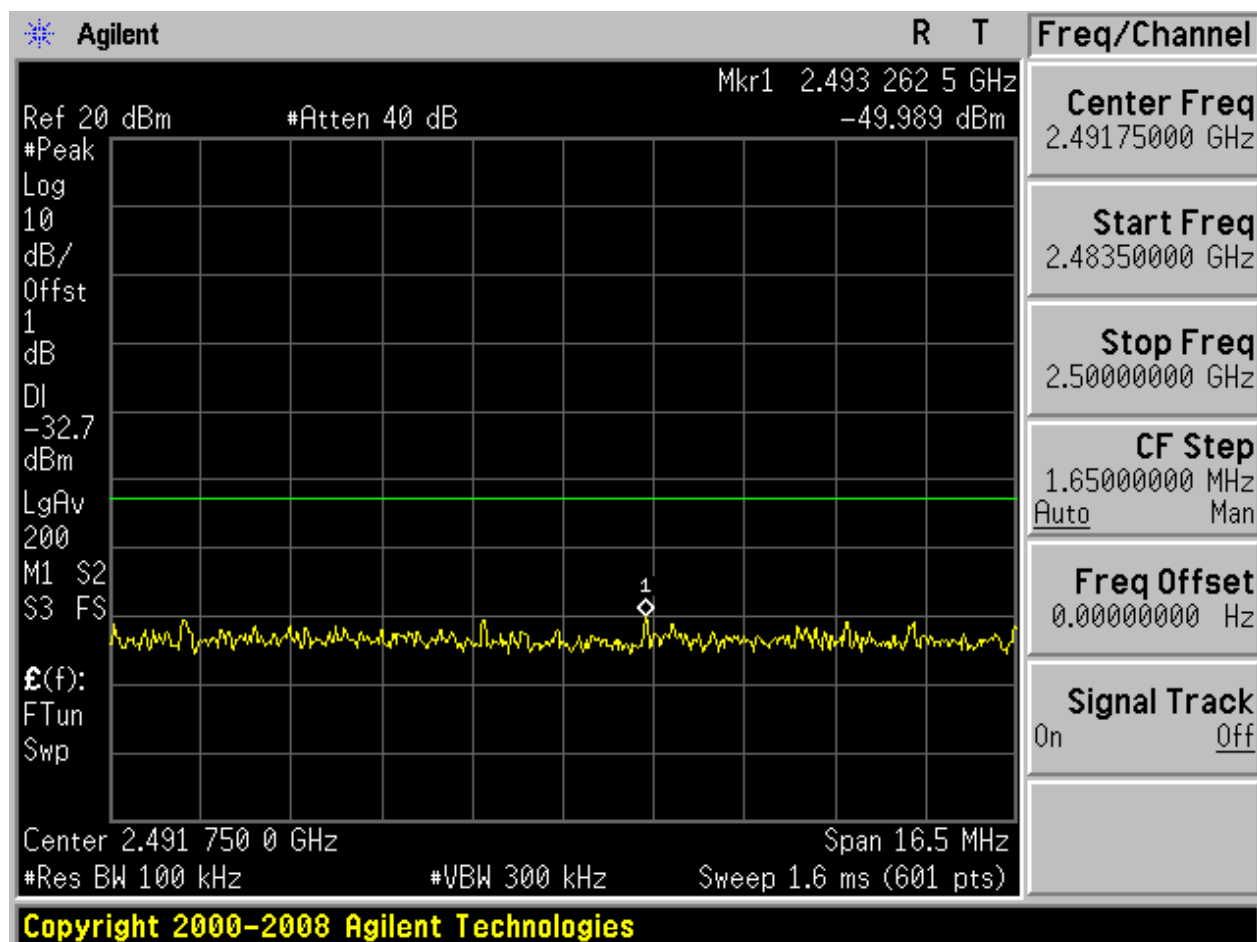
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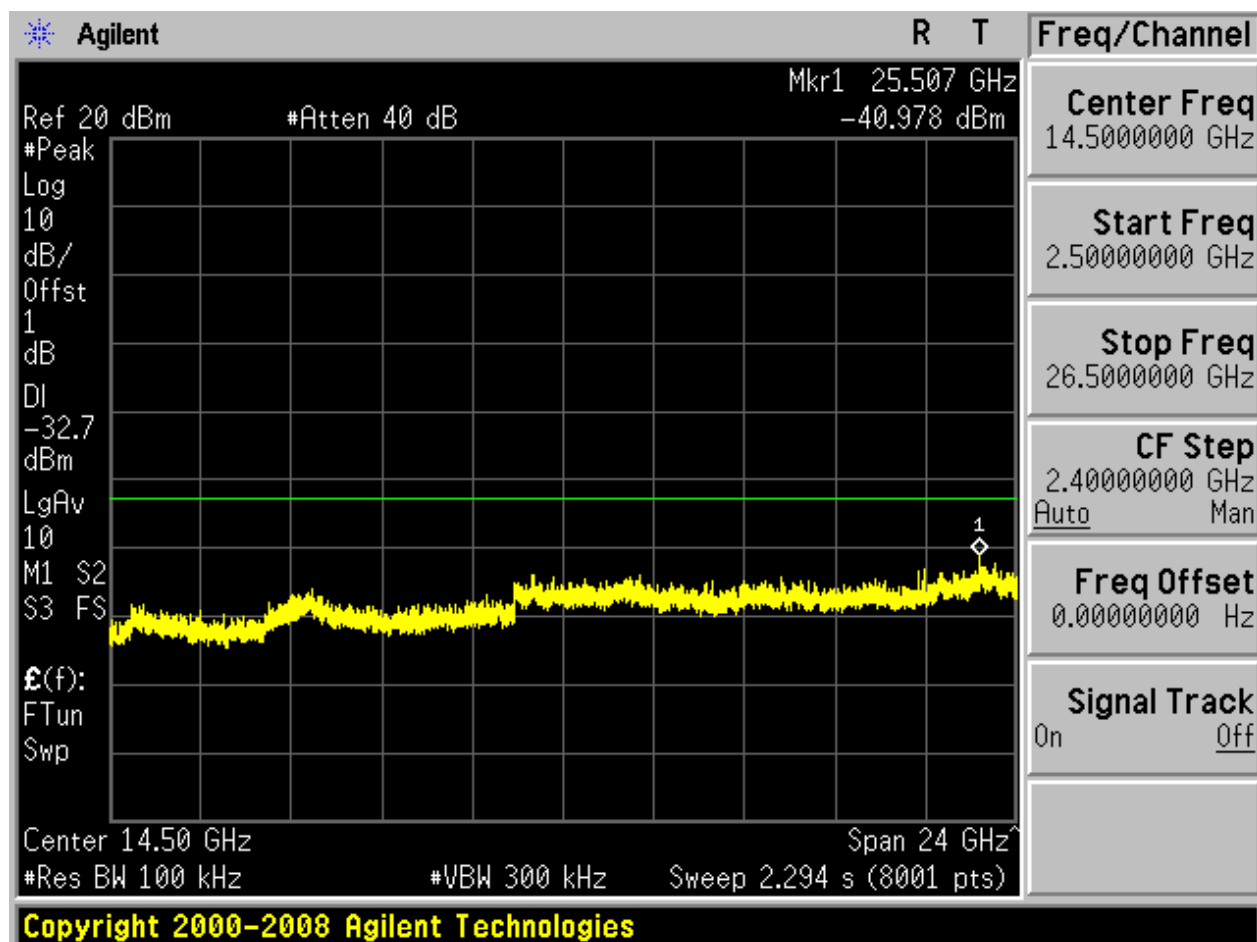






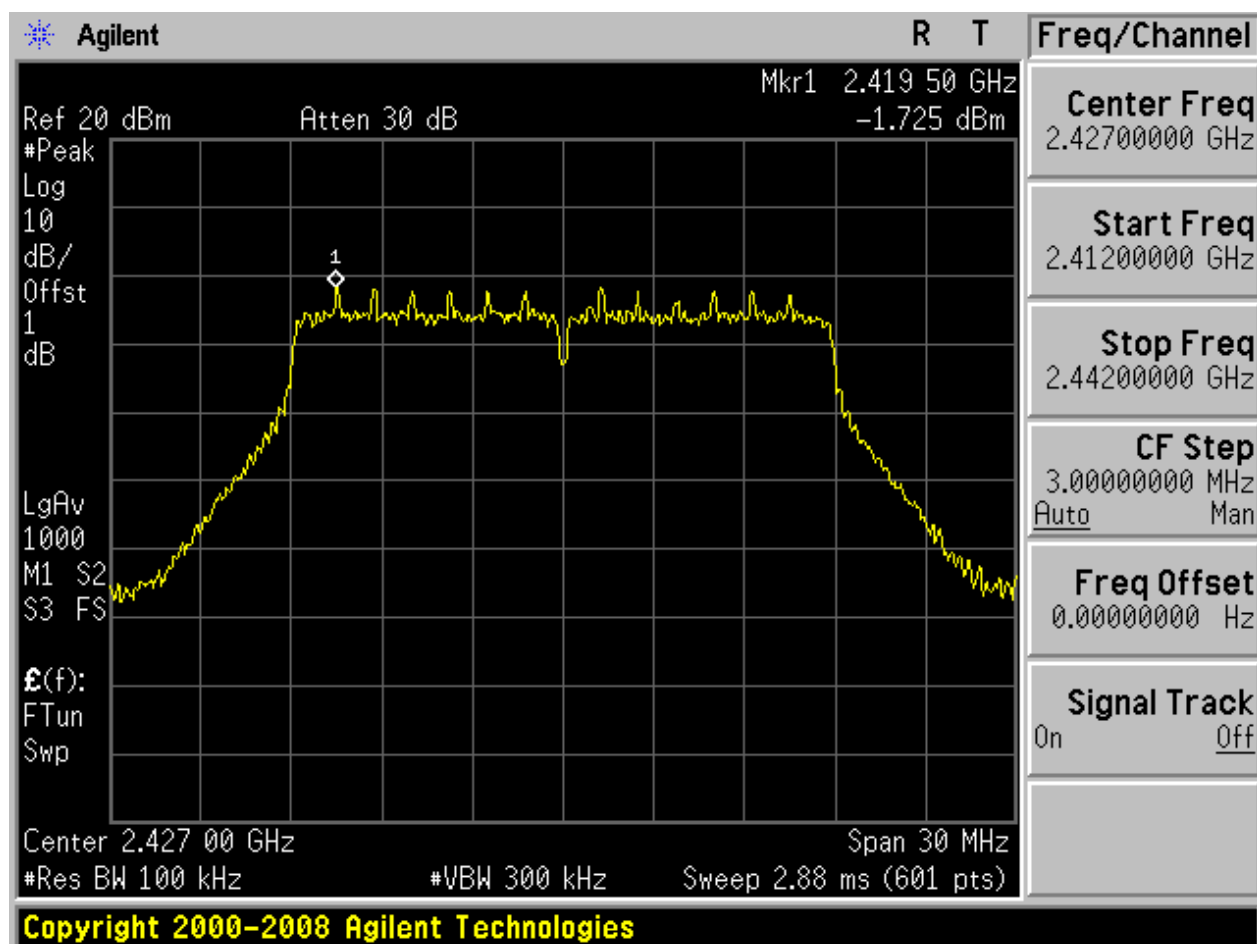






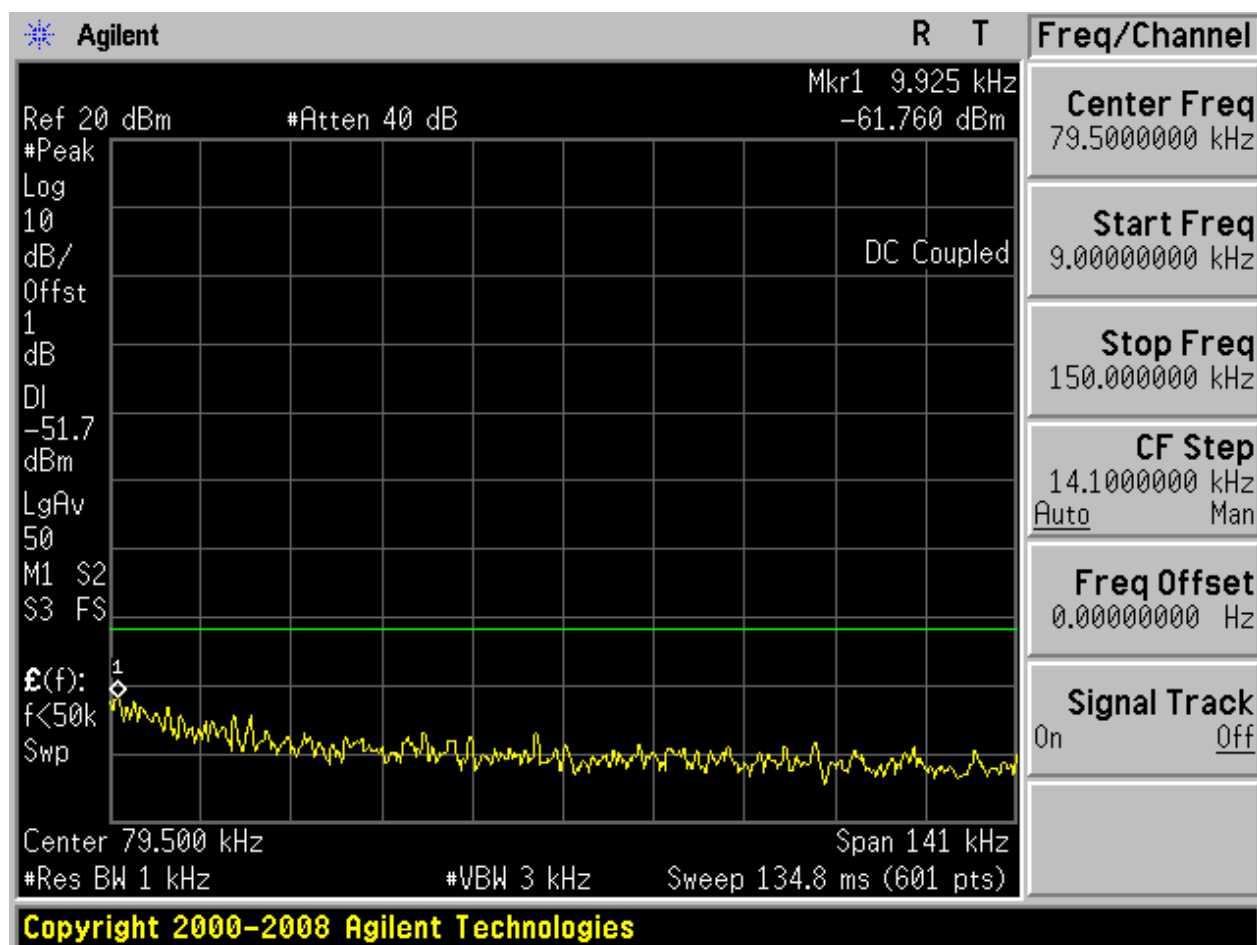
2.16 11N20_M@Ant 2

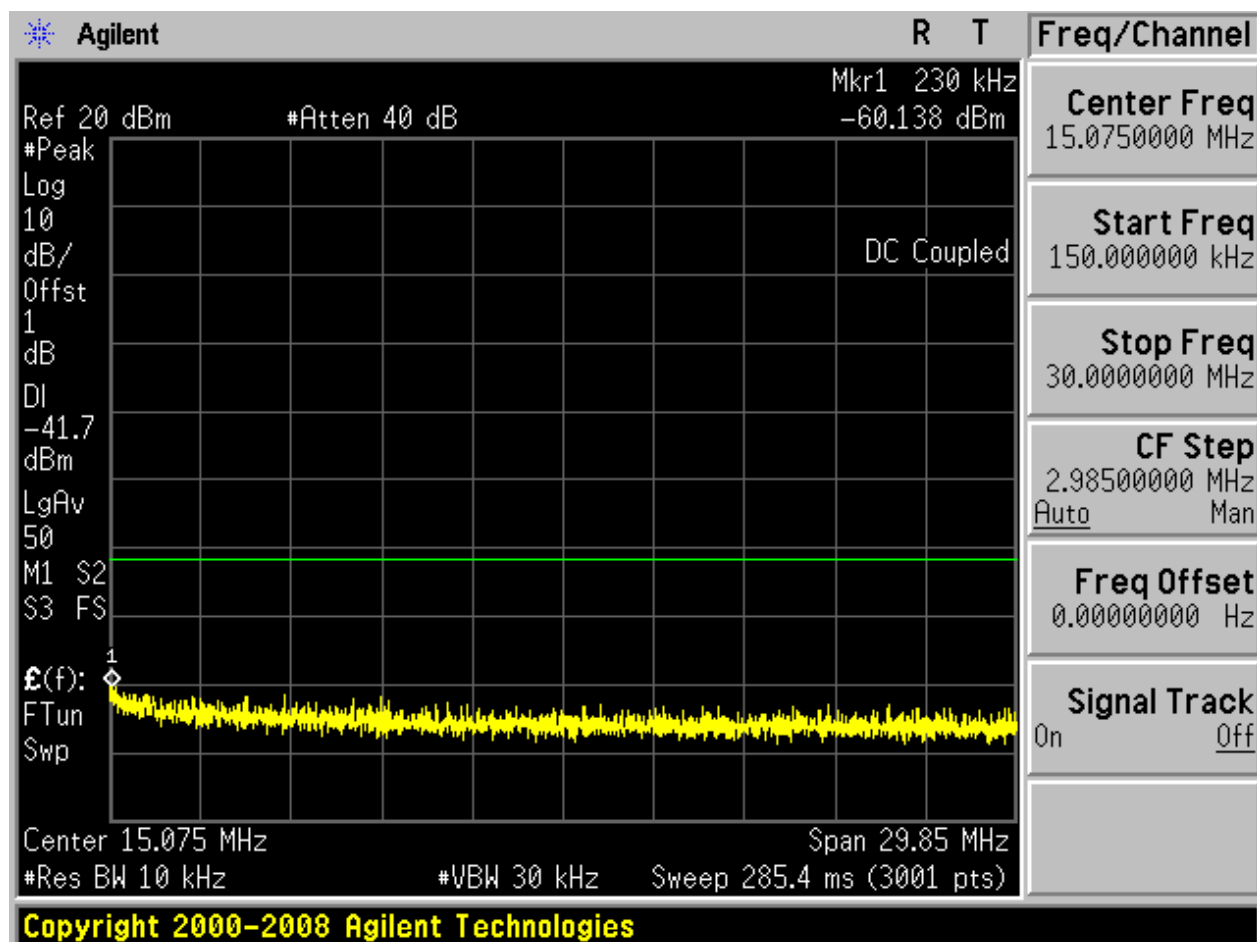
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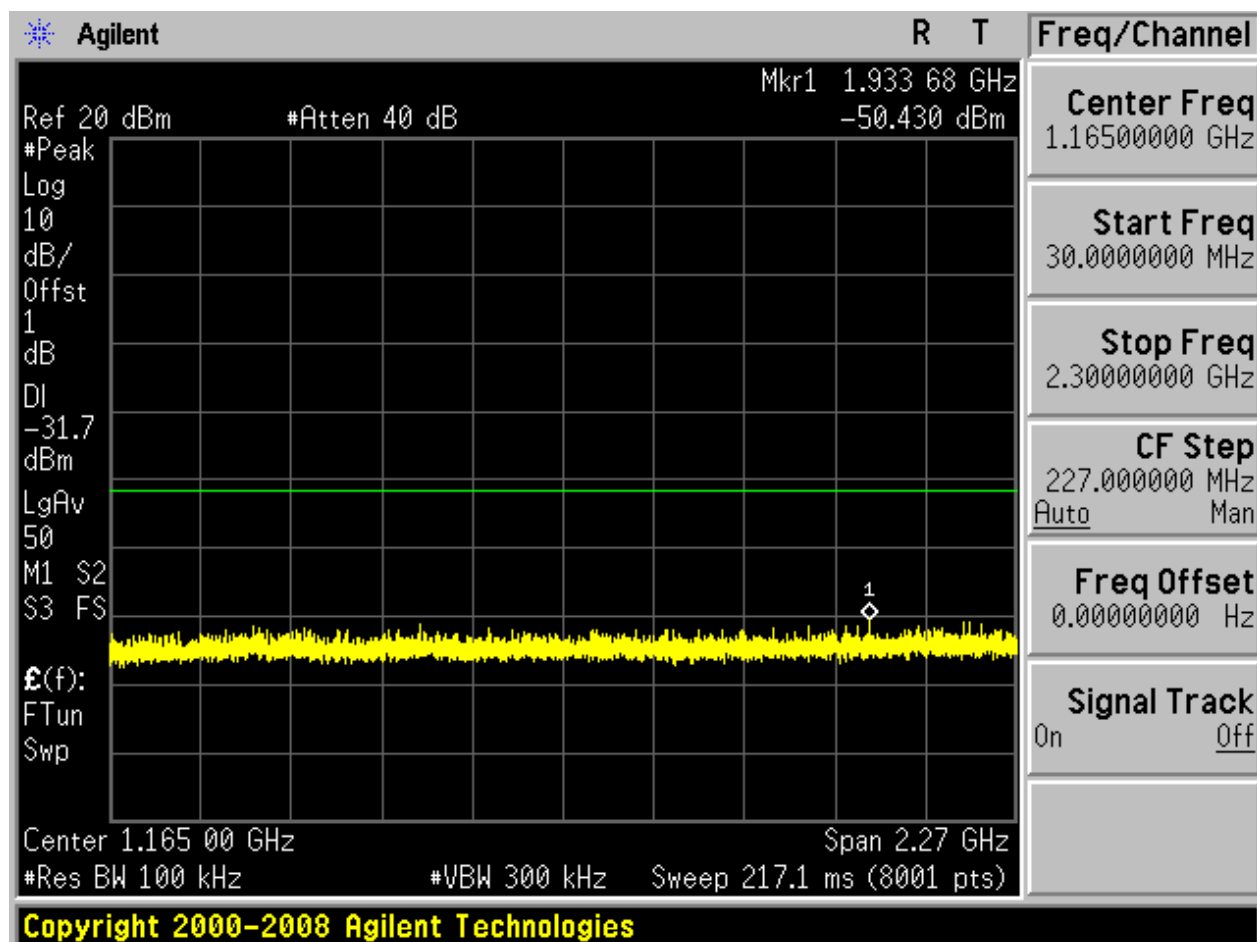


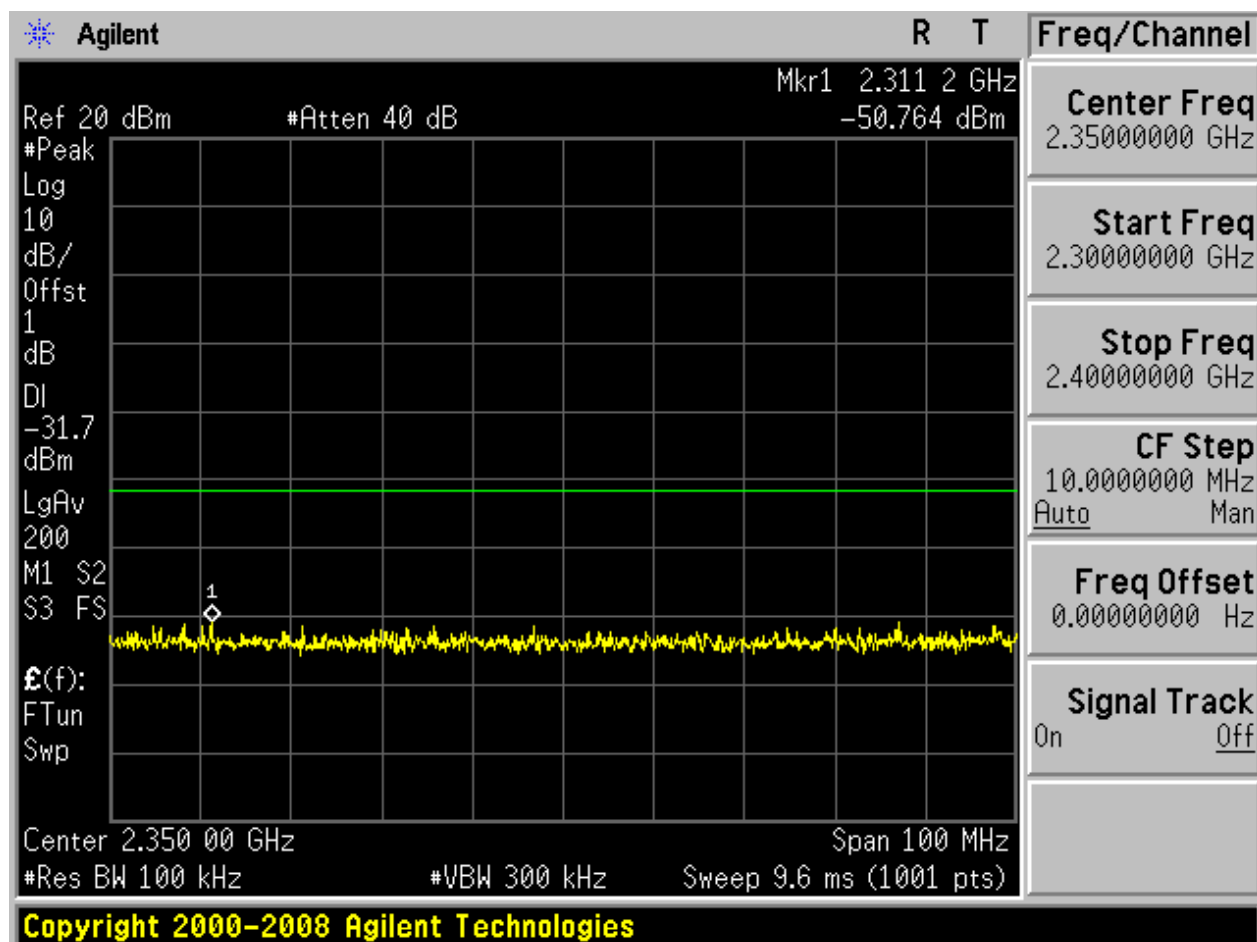


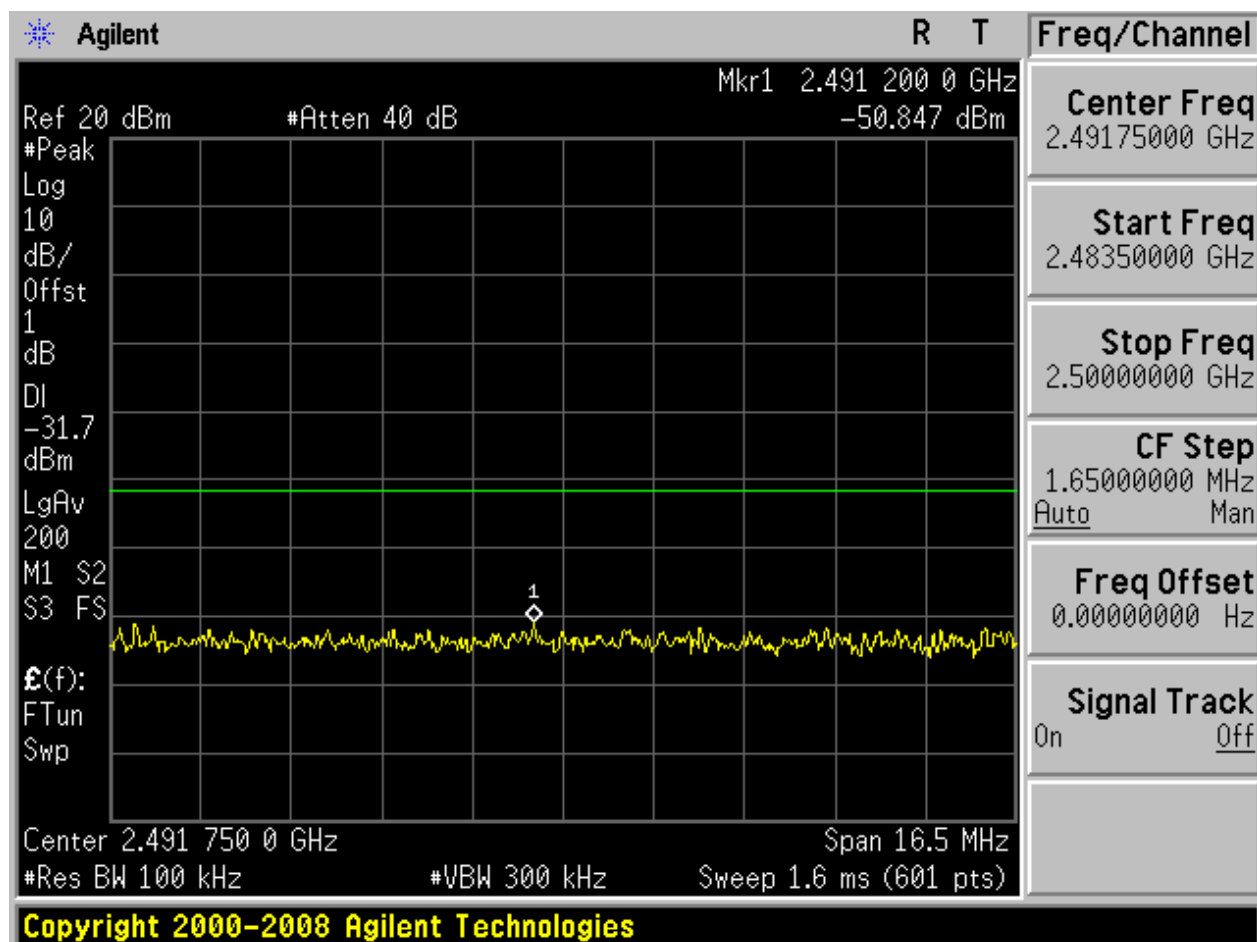
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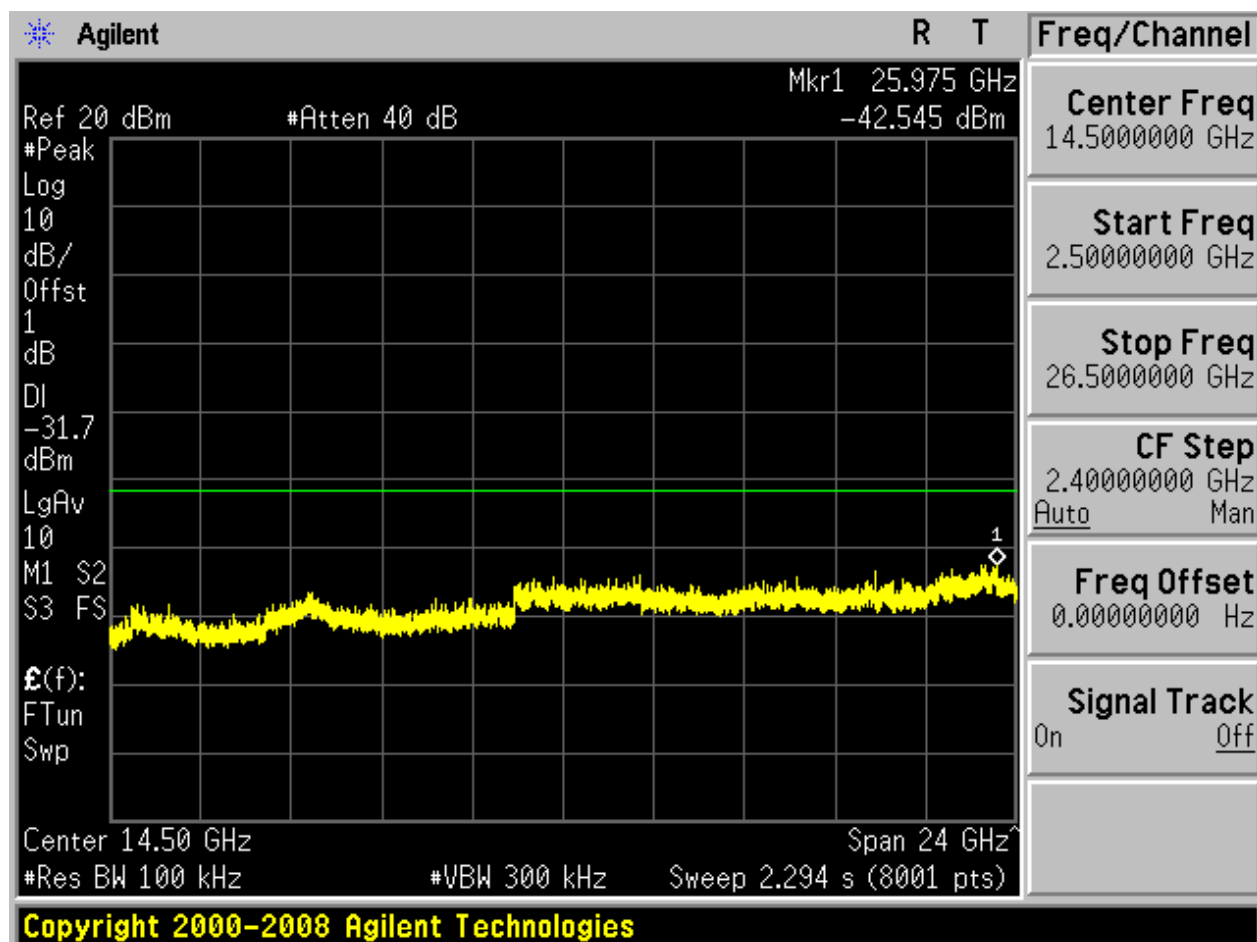






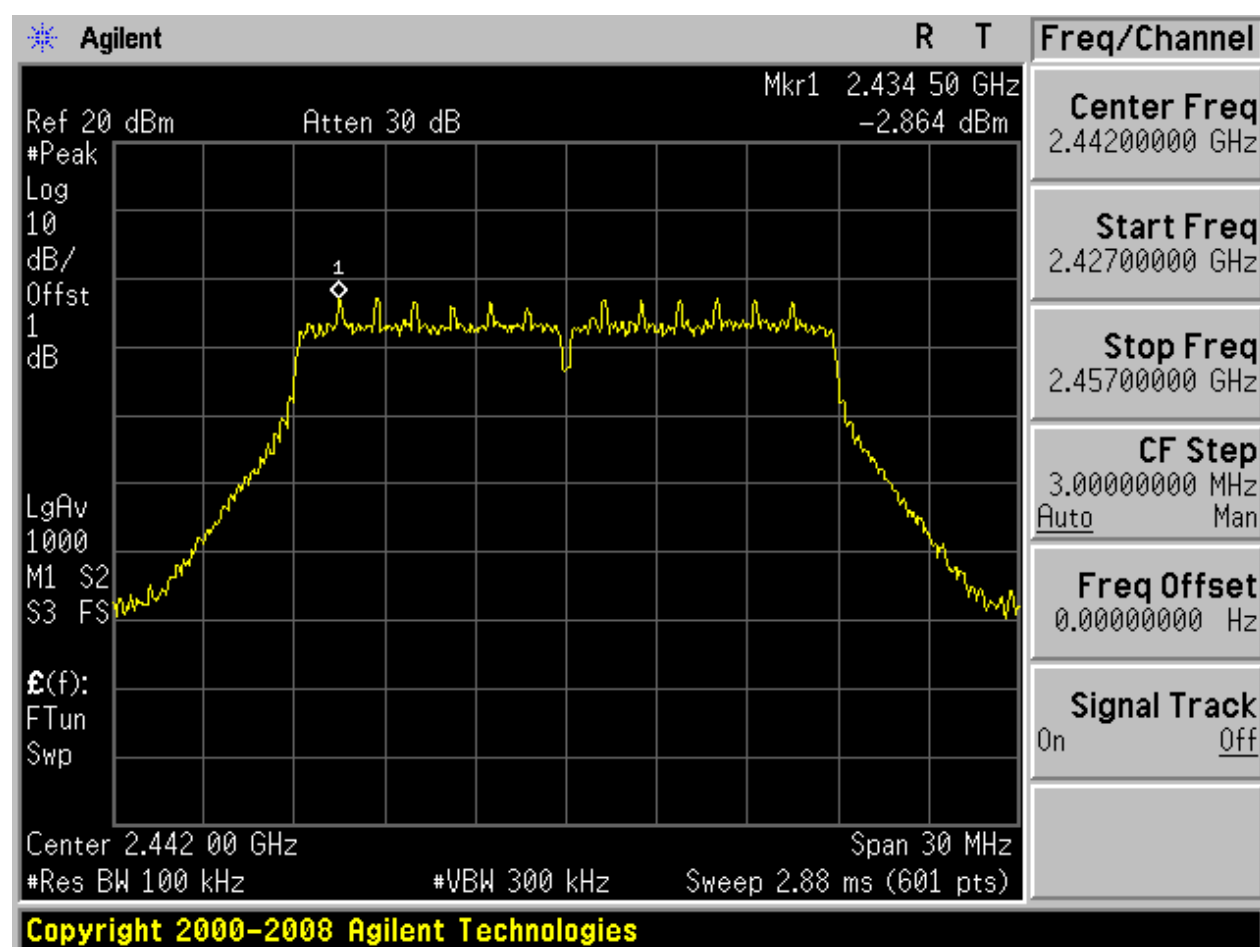






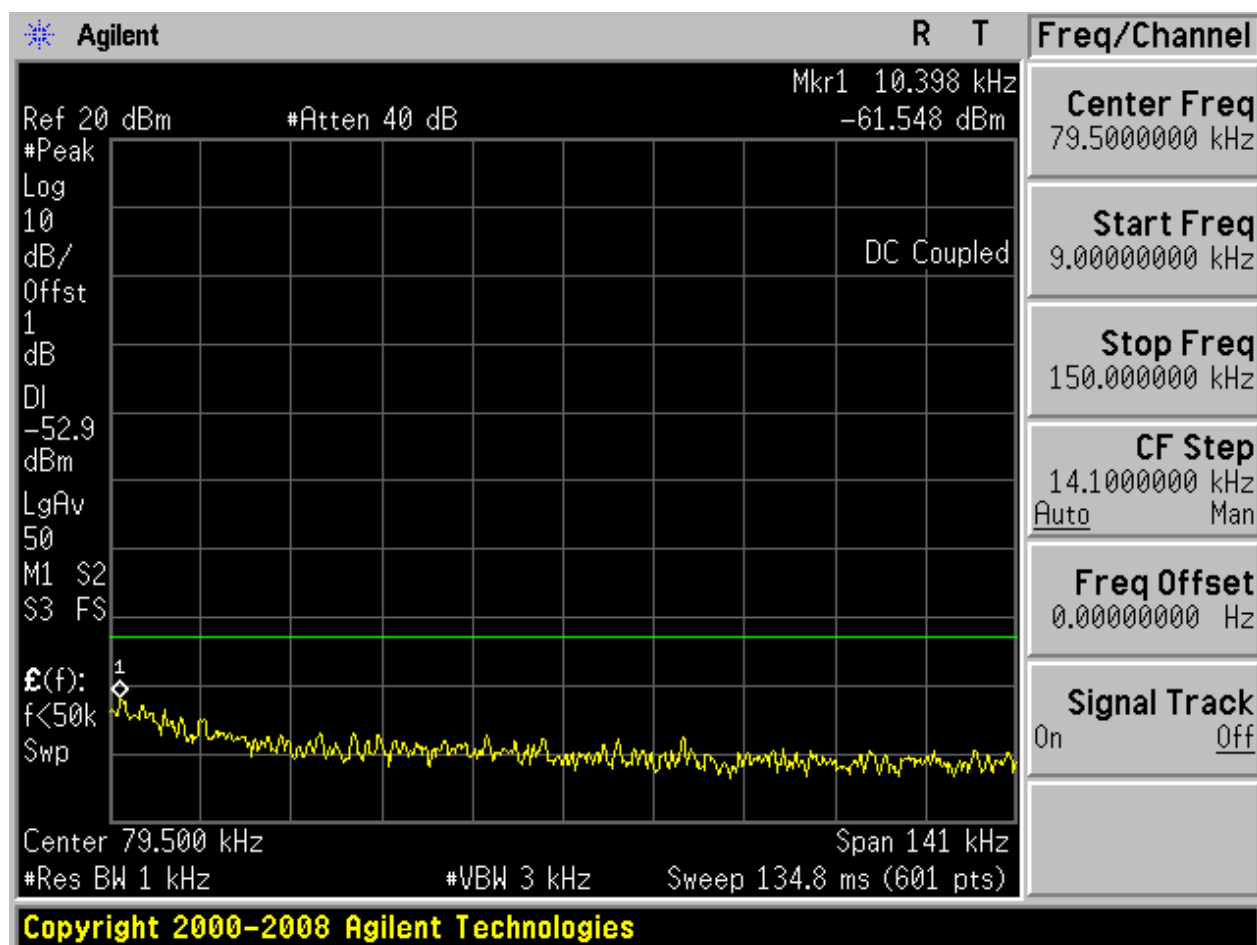
2.17 11N20_H@Ant 1

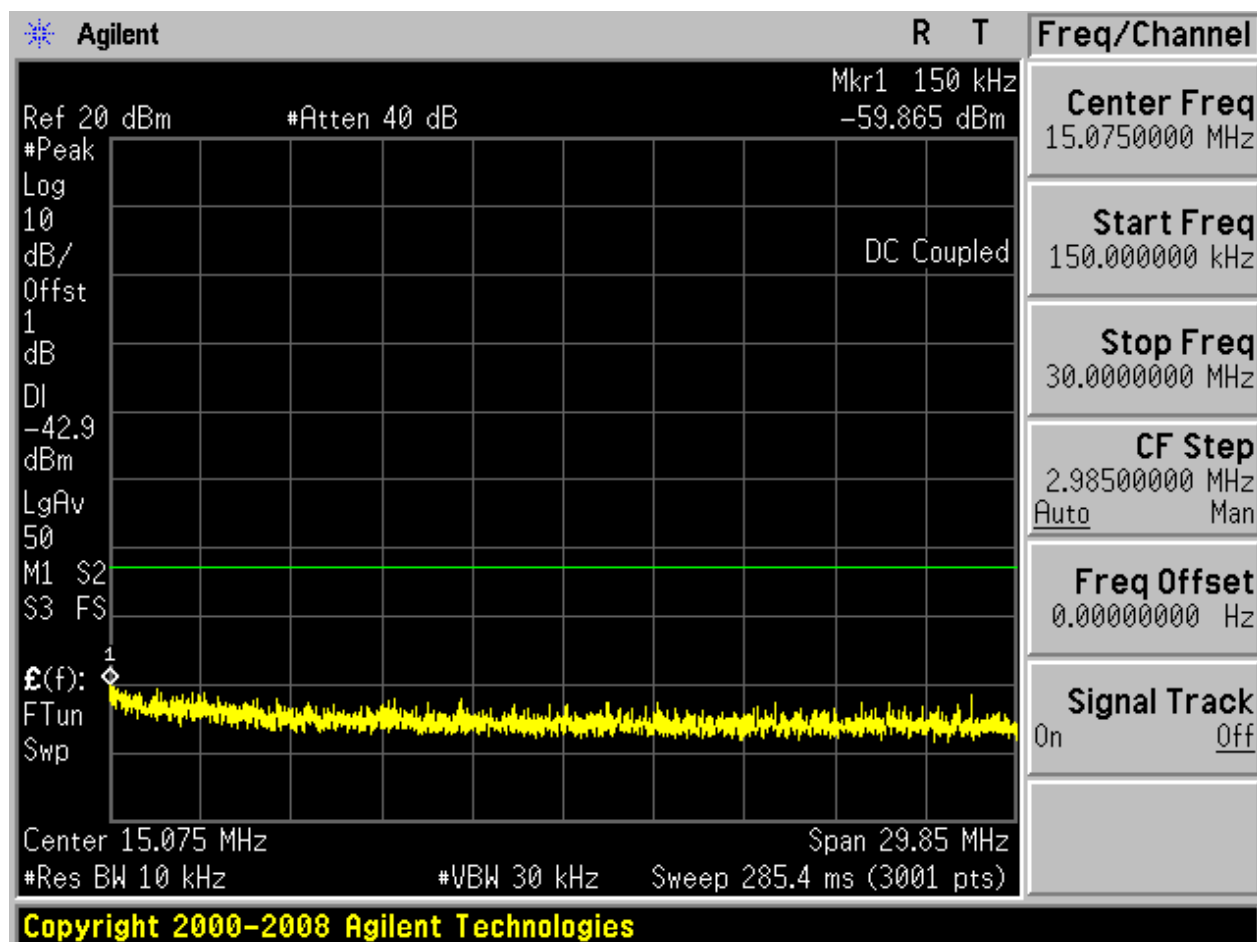
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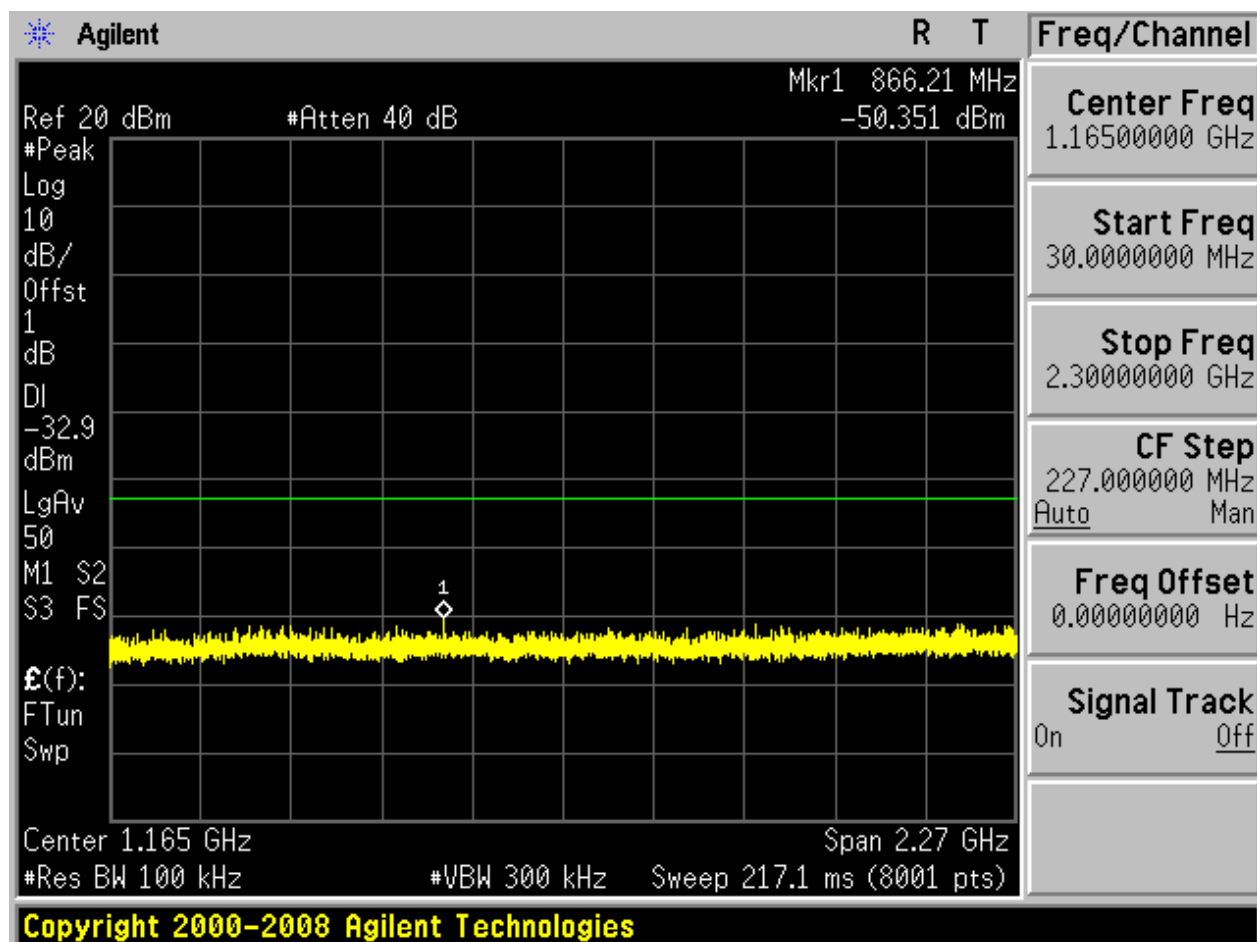


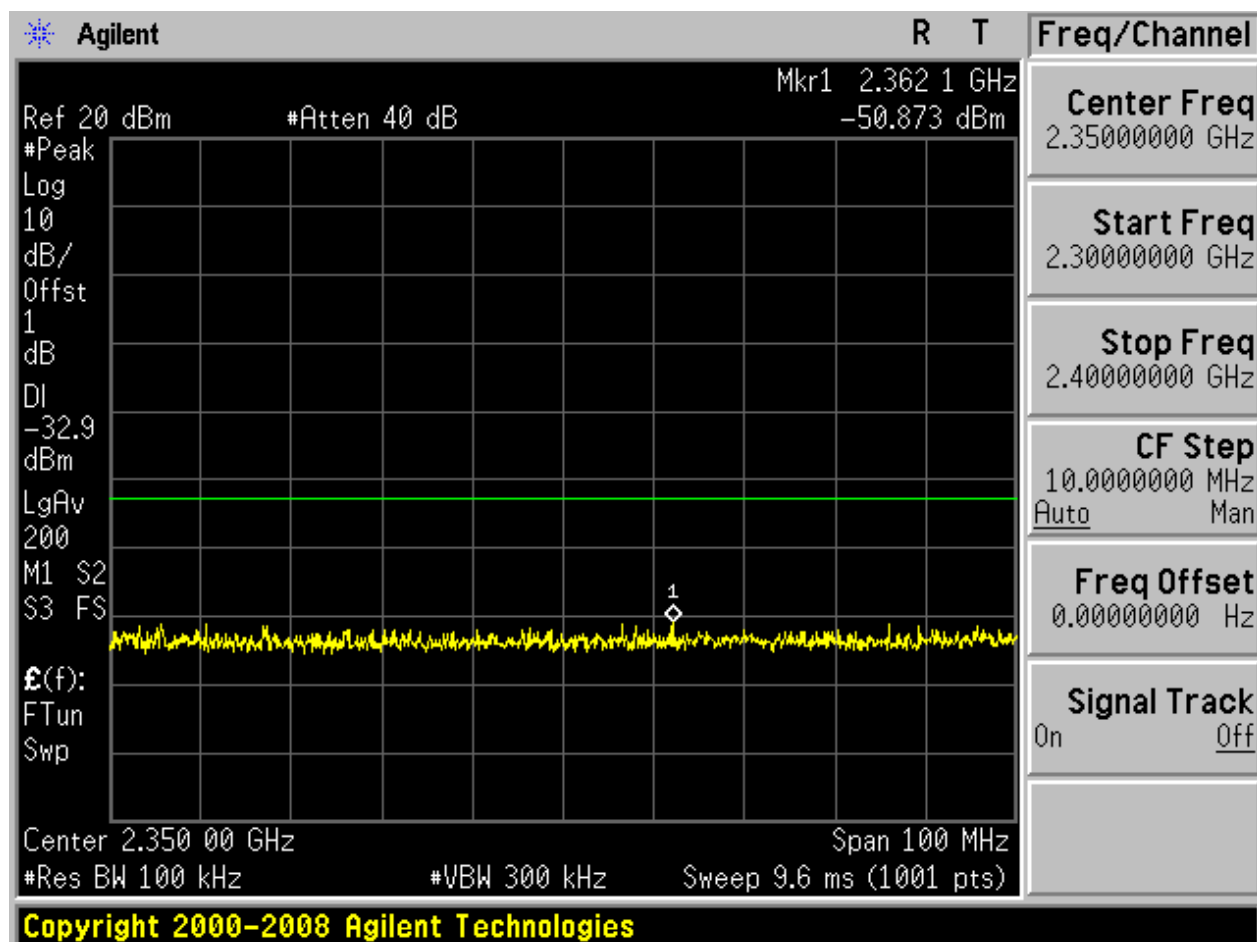


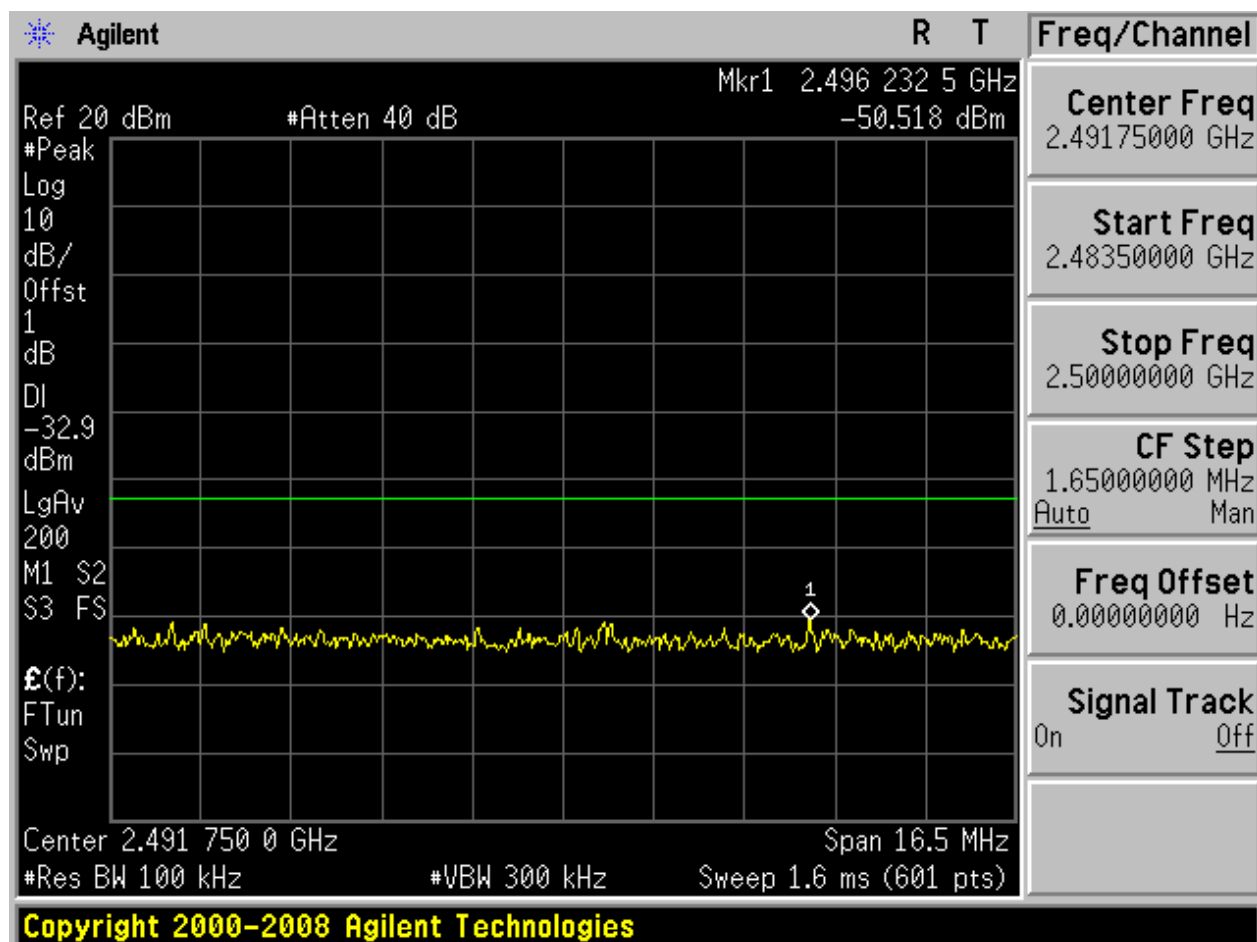
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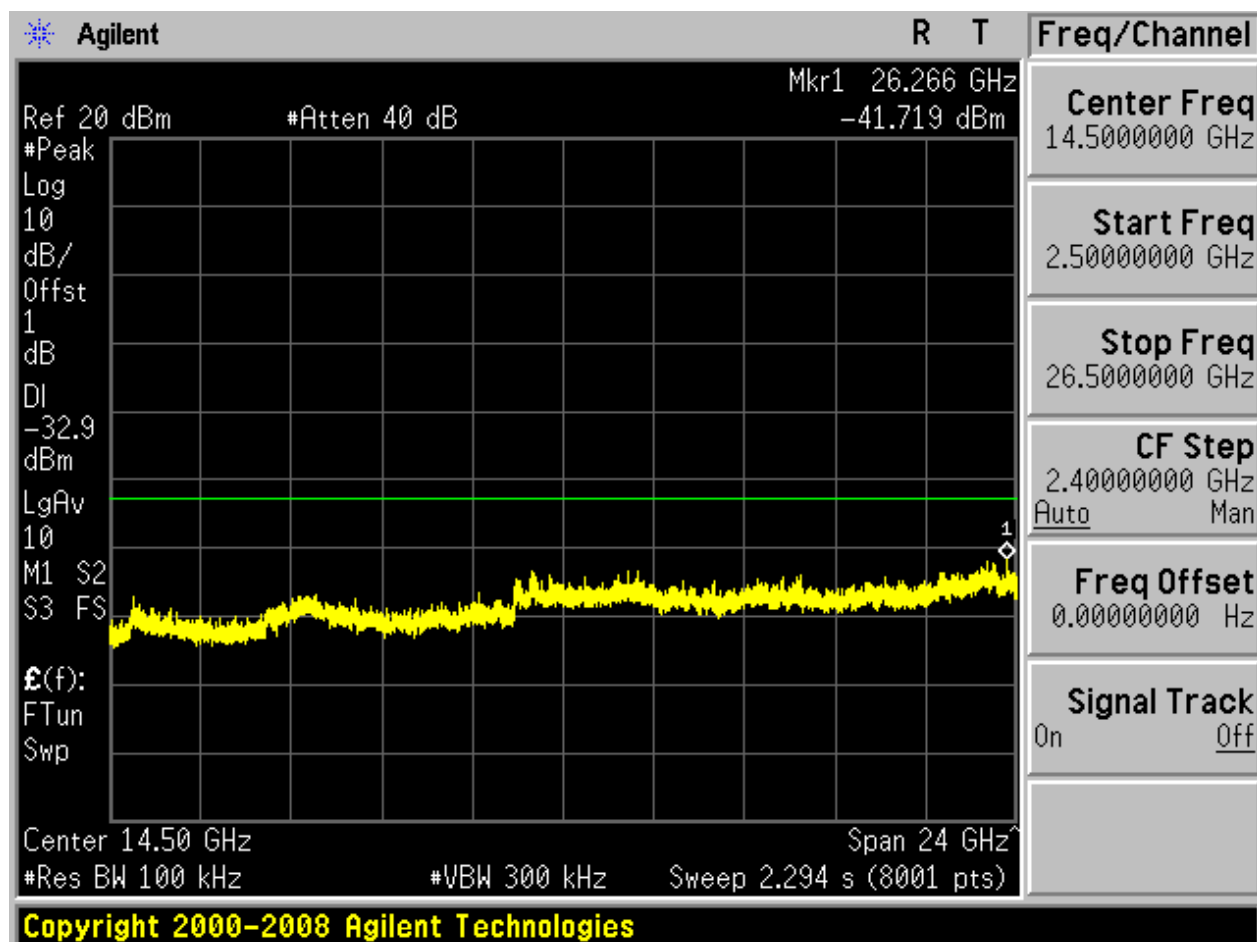






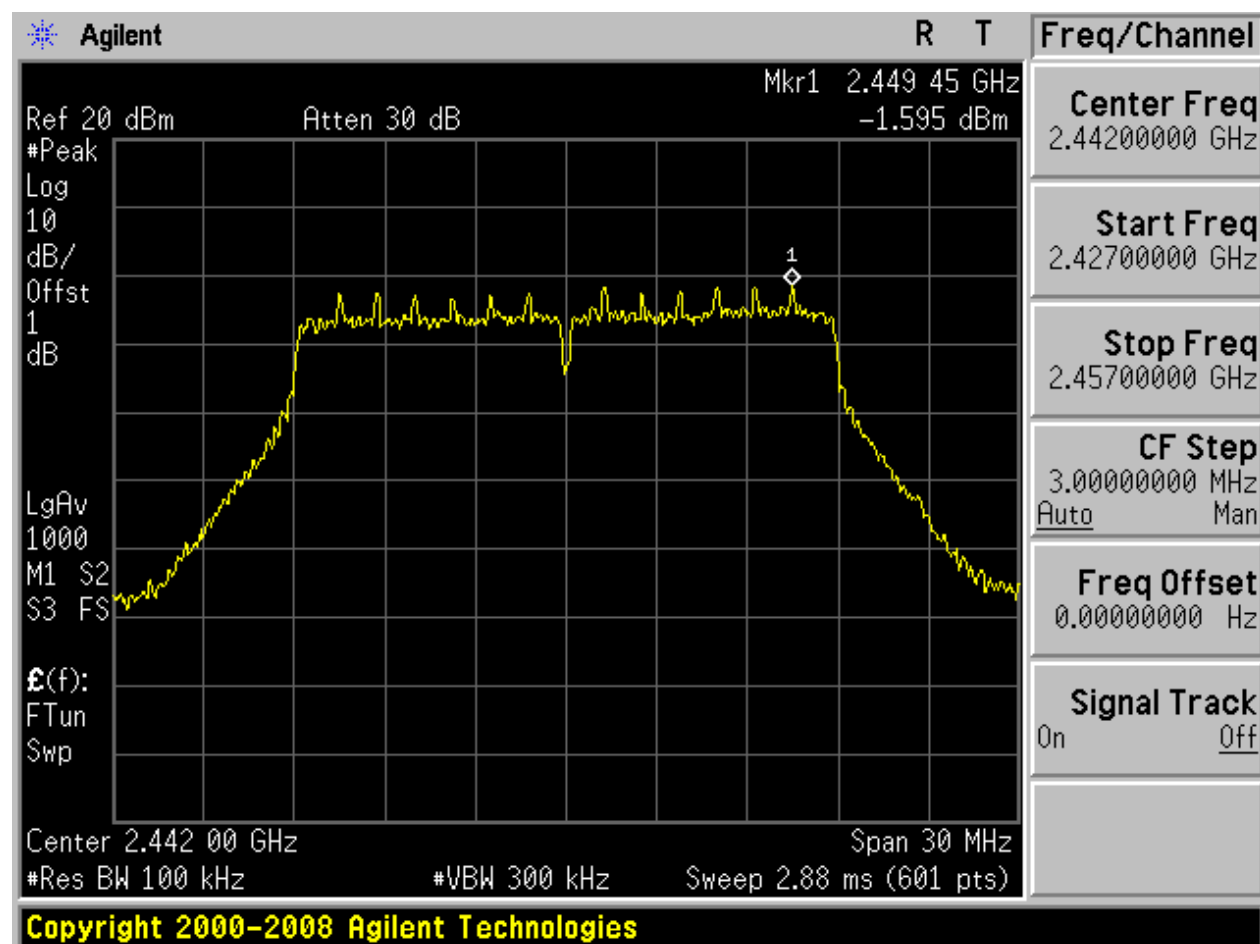






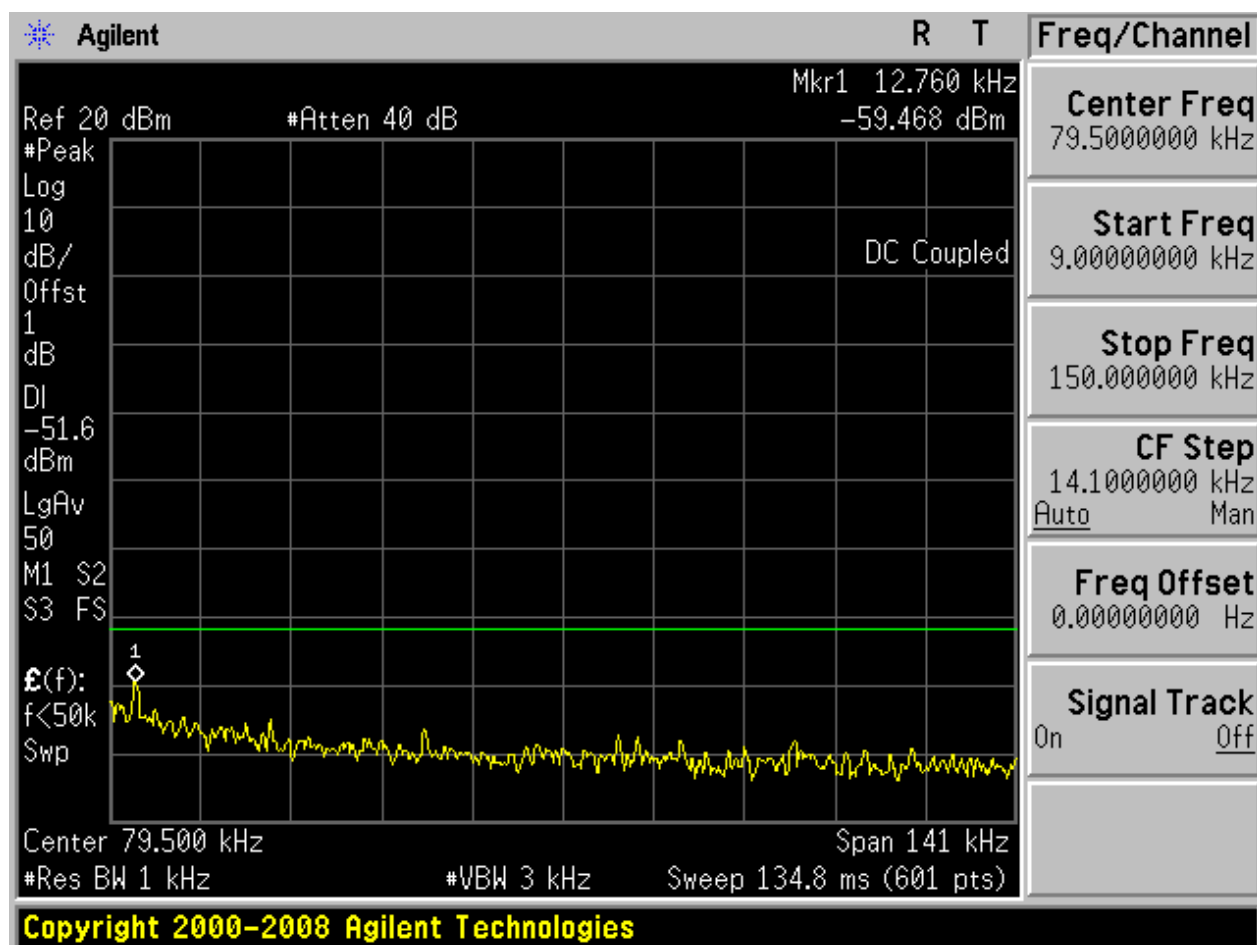
2.18 11N20_H@Ant 2

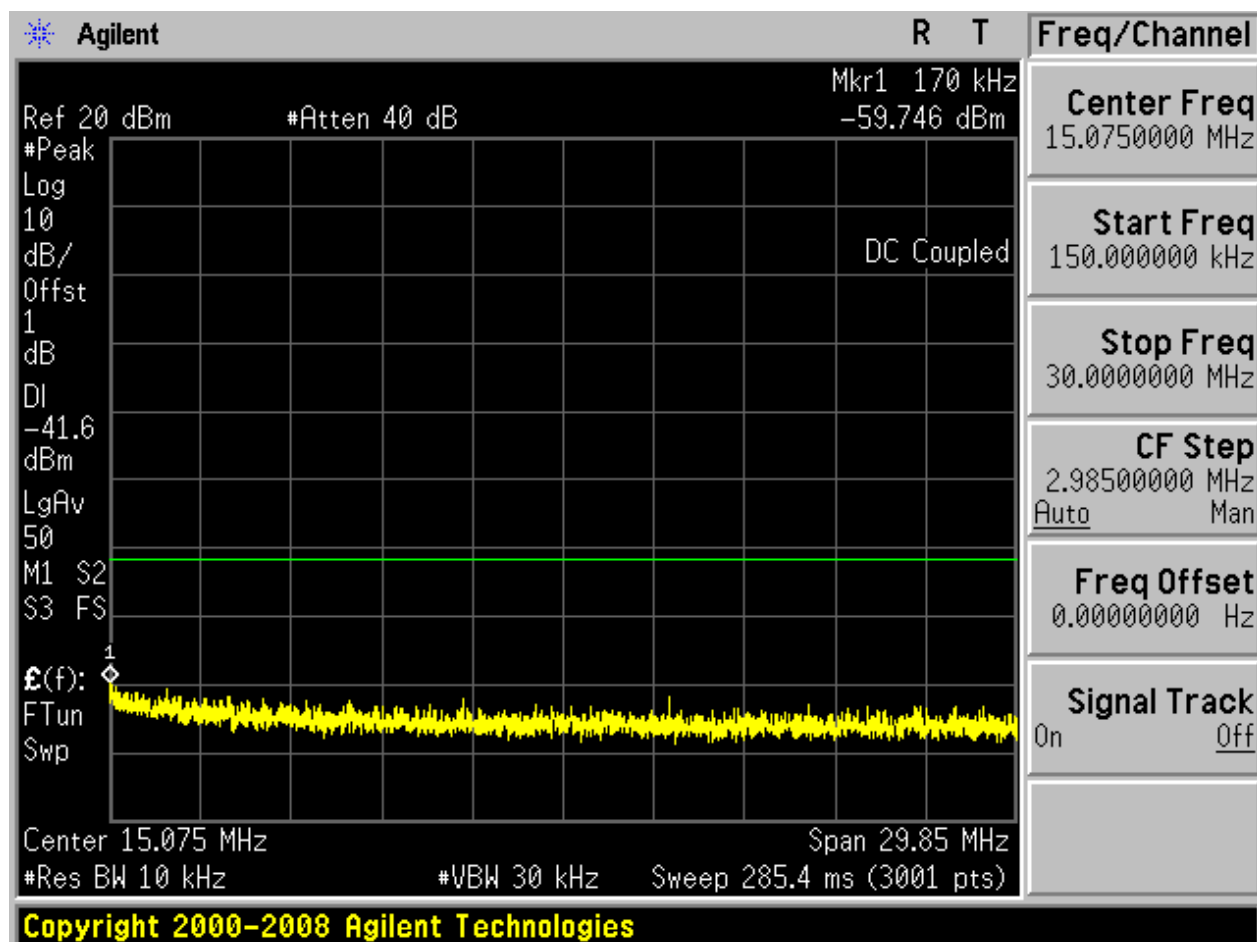
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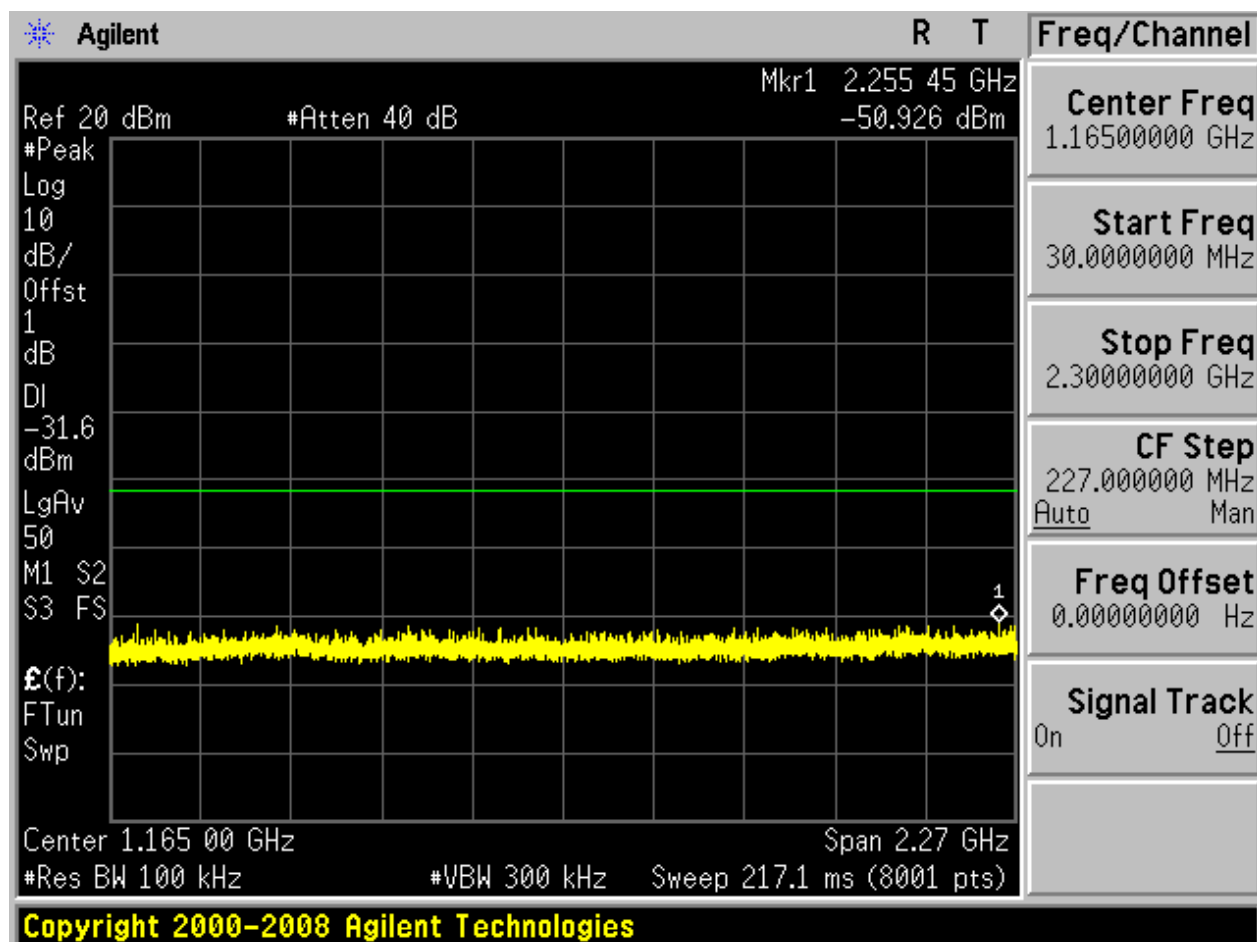


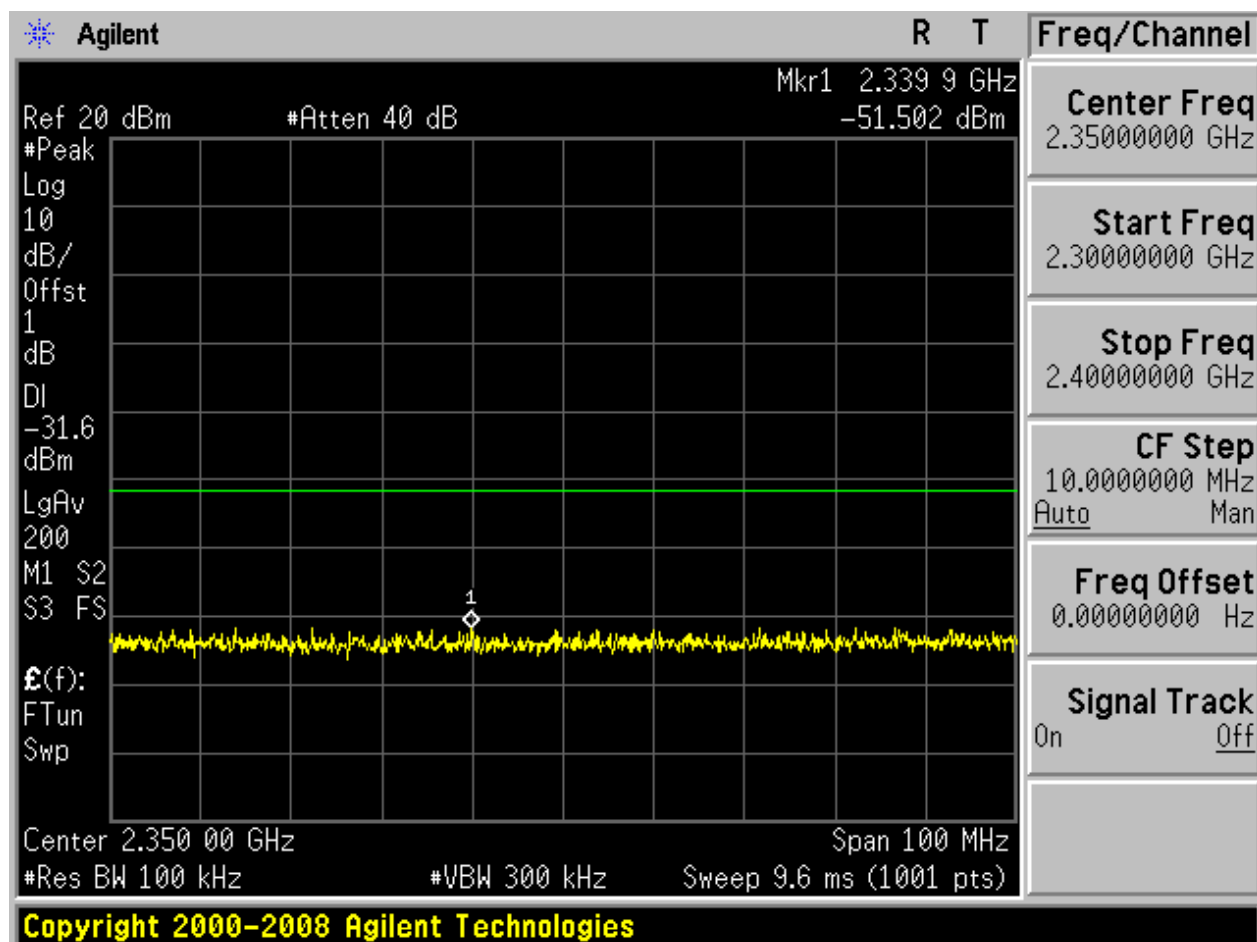


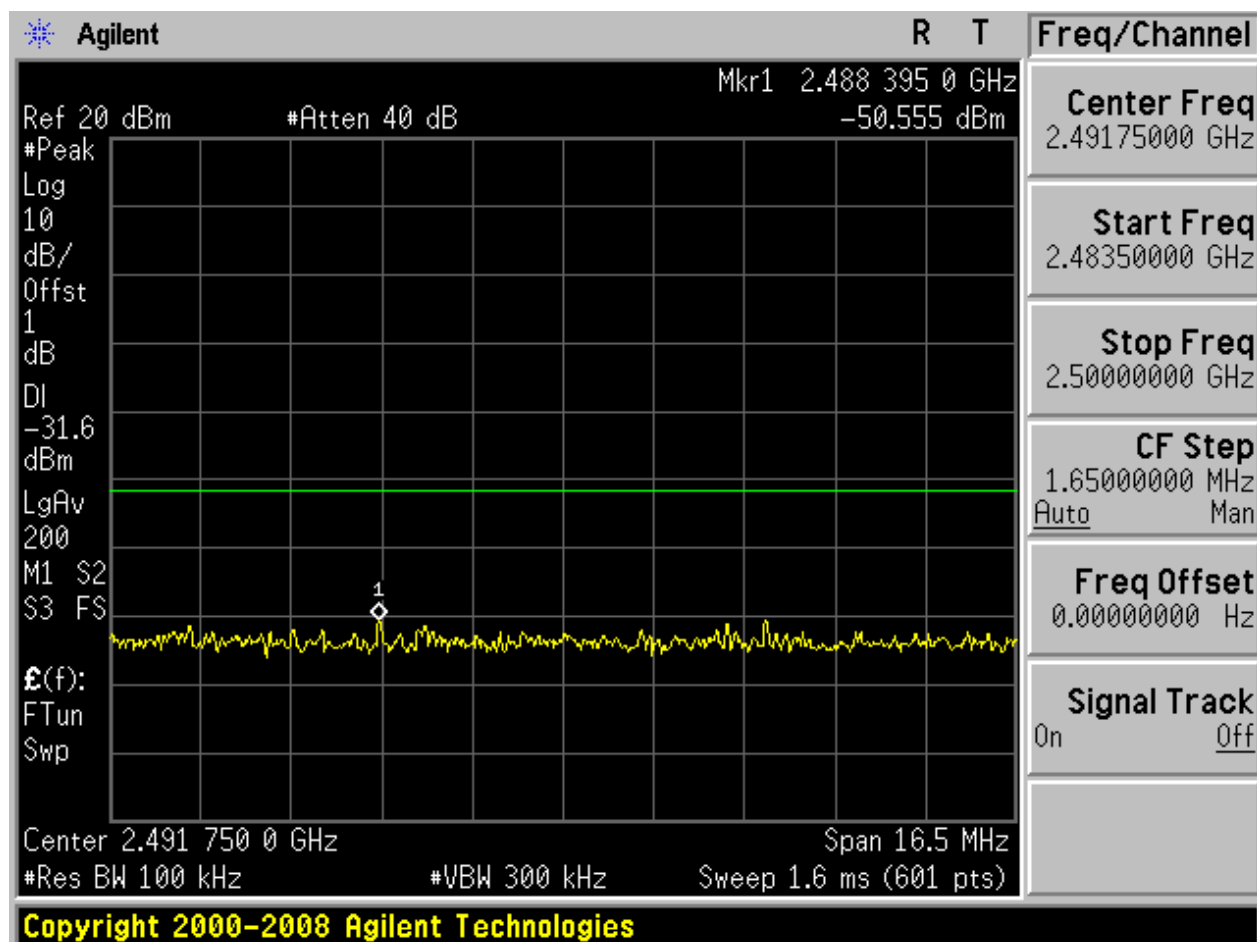
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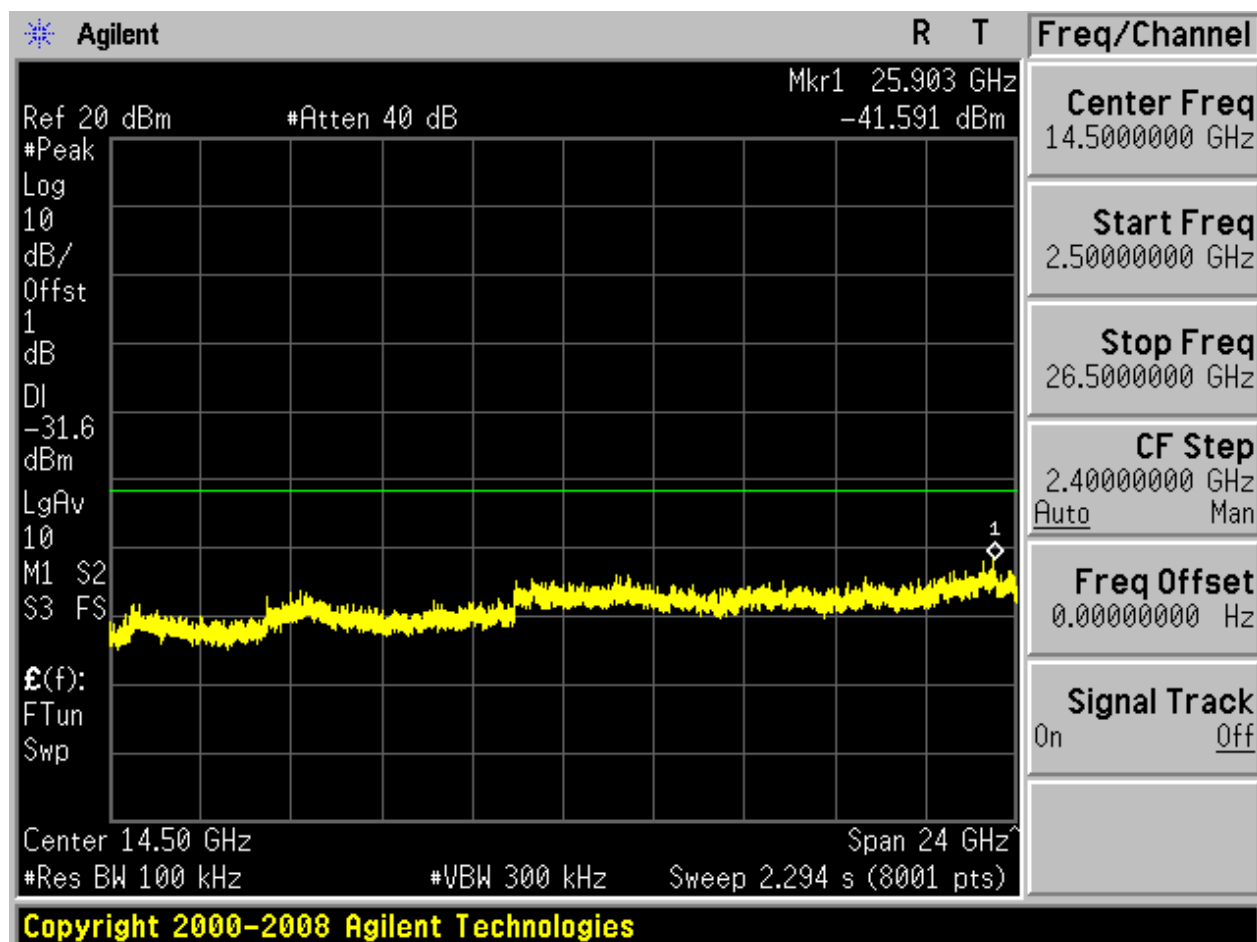








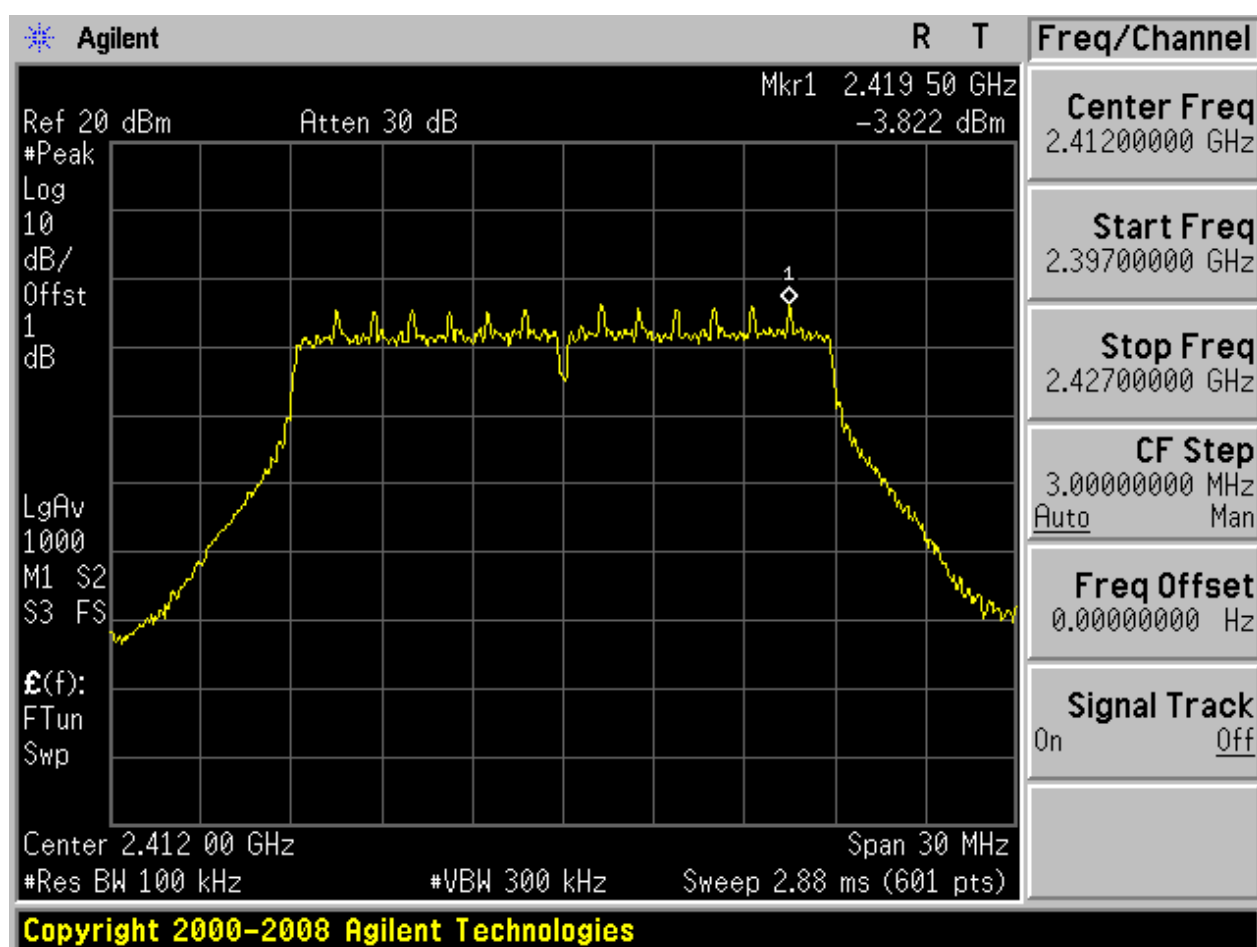






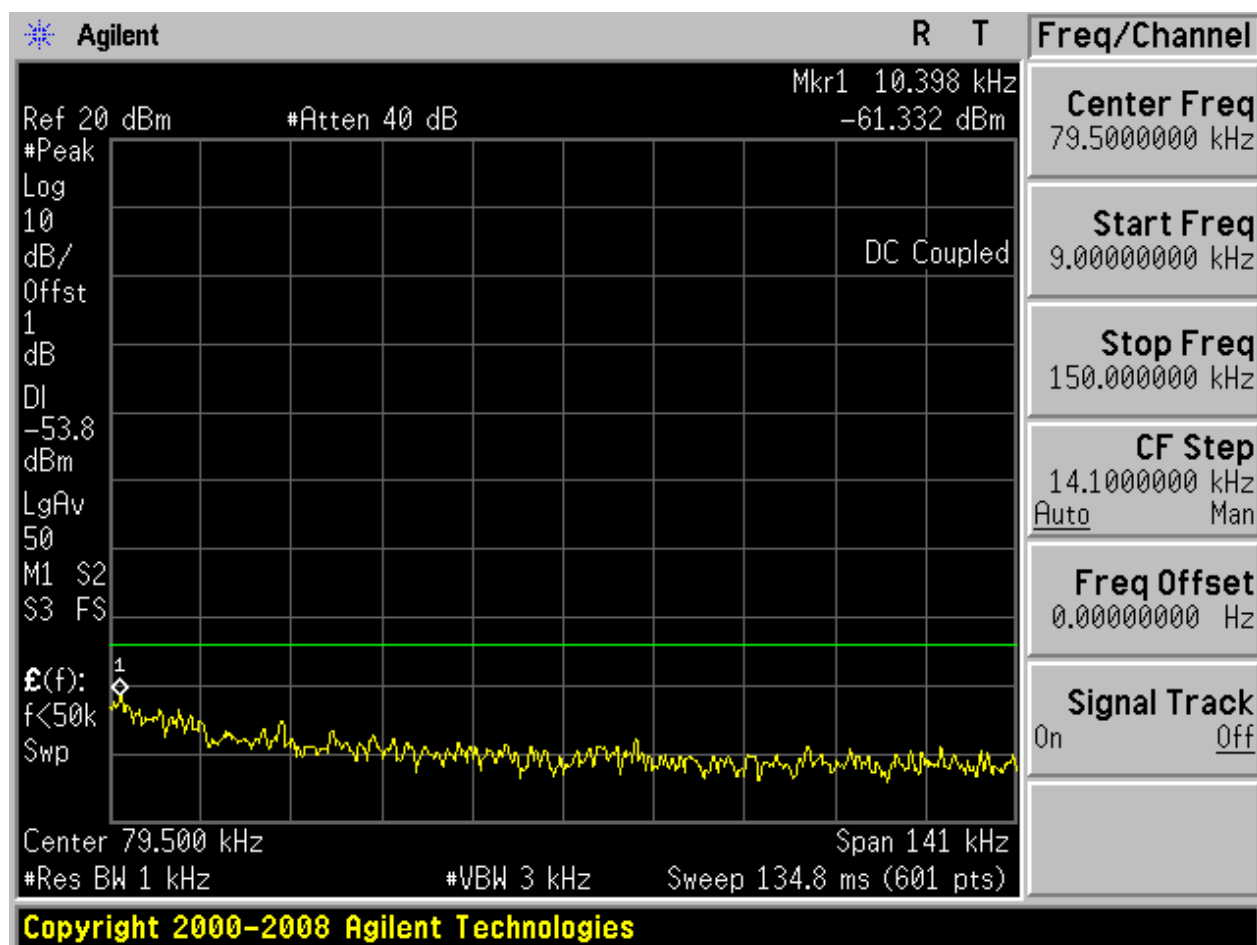
2.13 11N20m_L@Ant 1

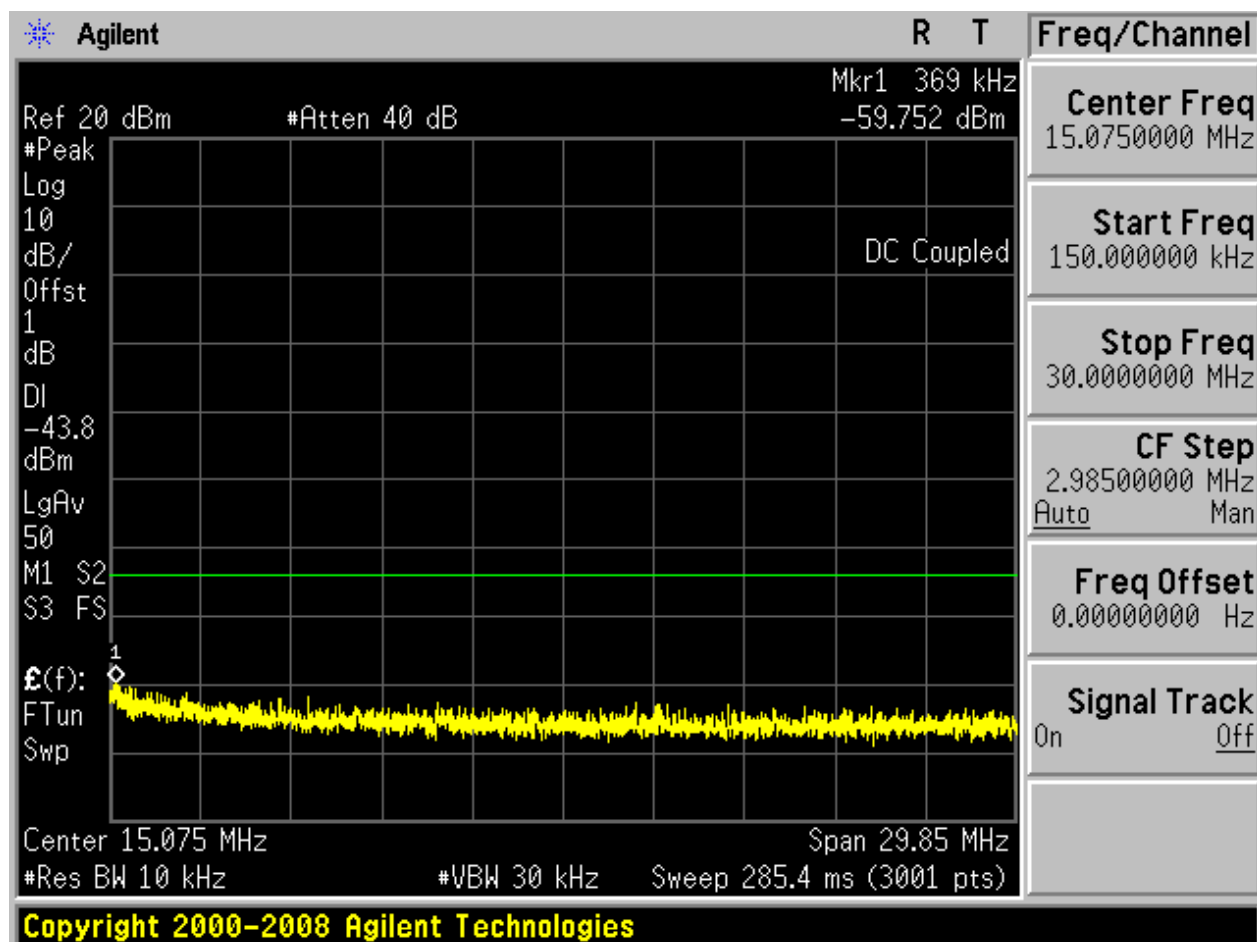
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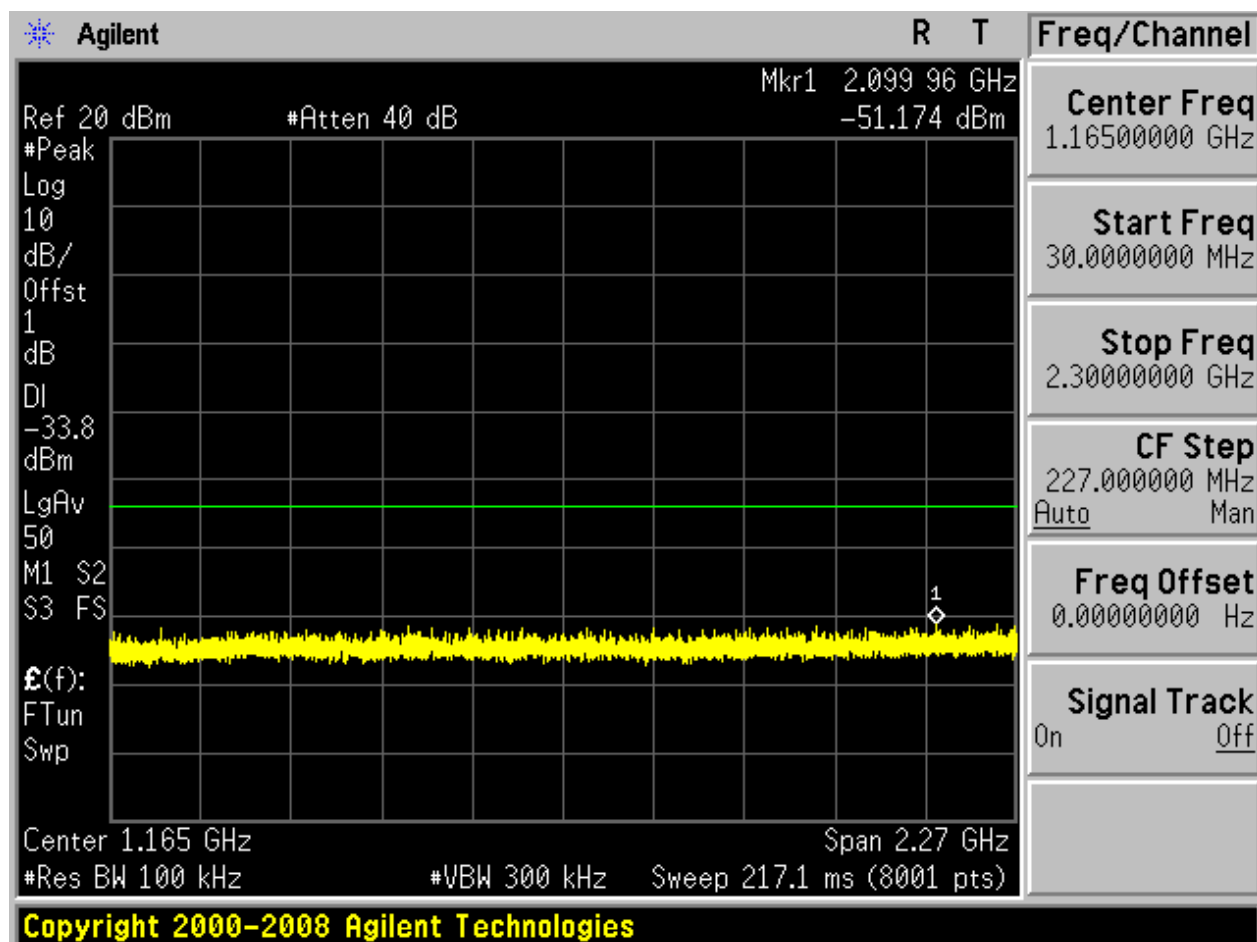


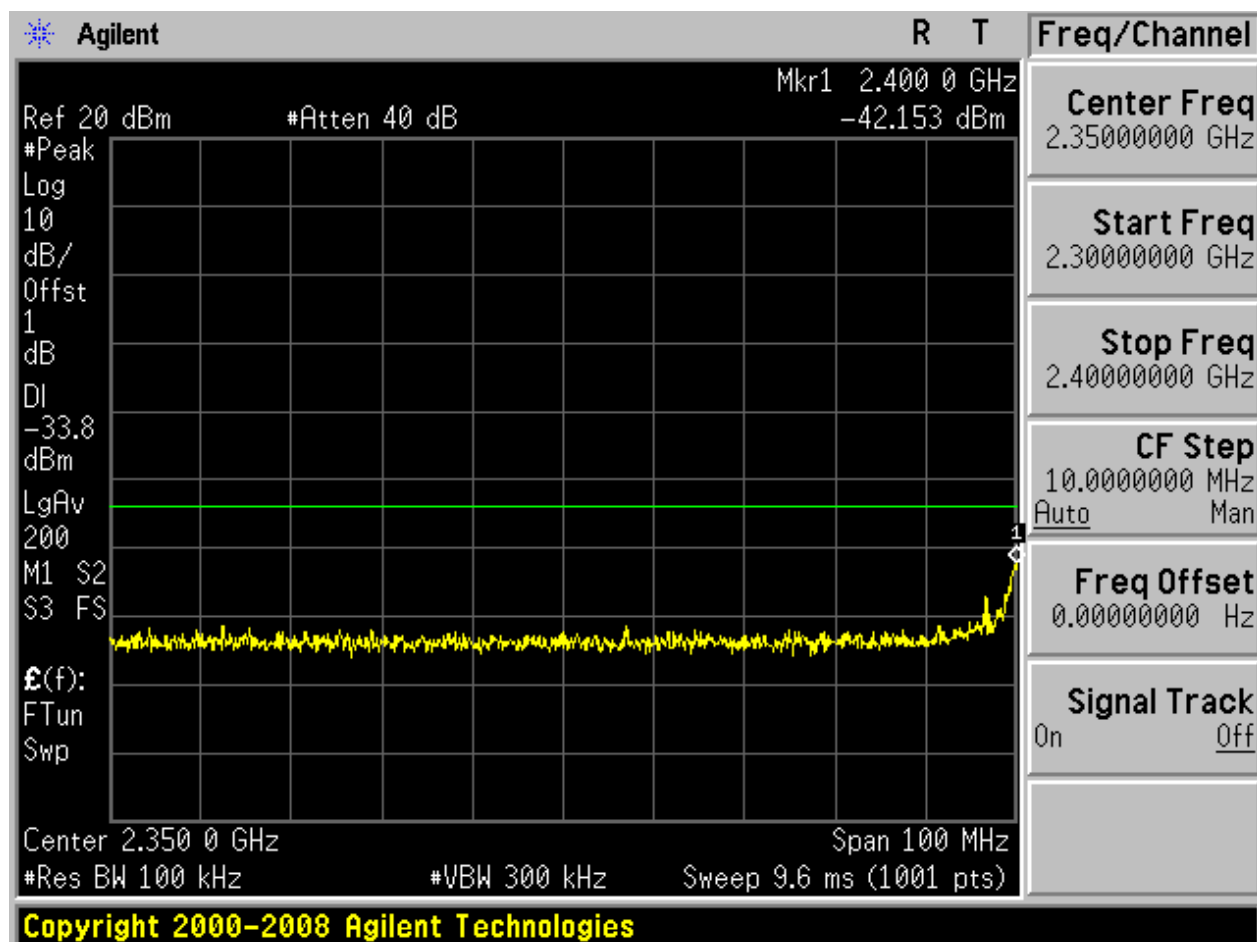


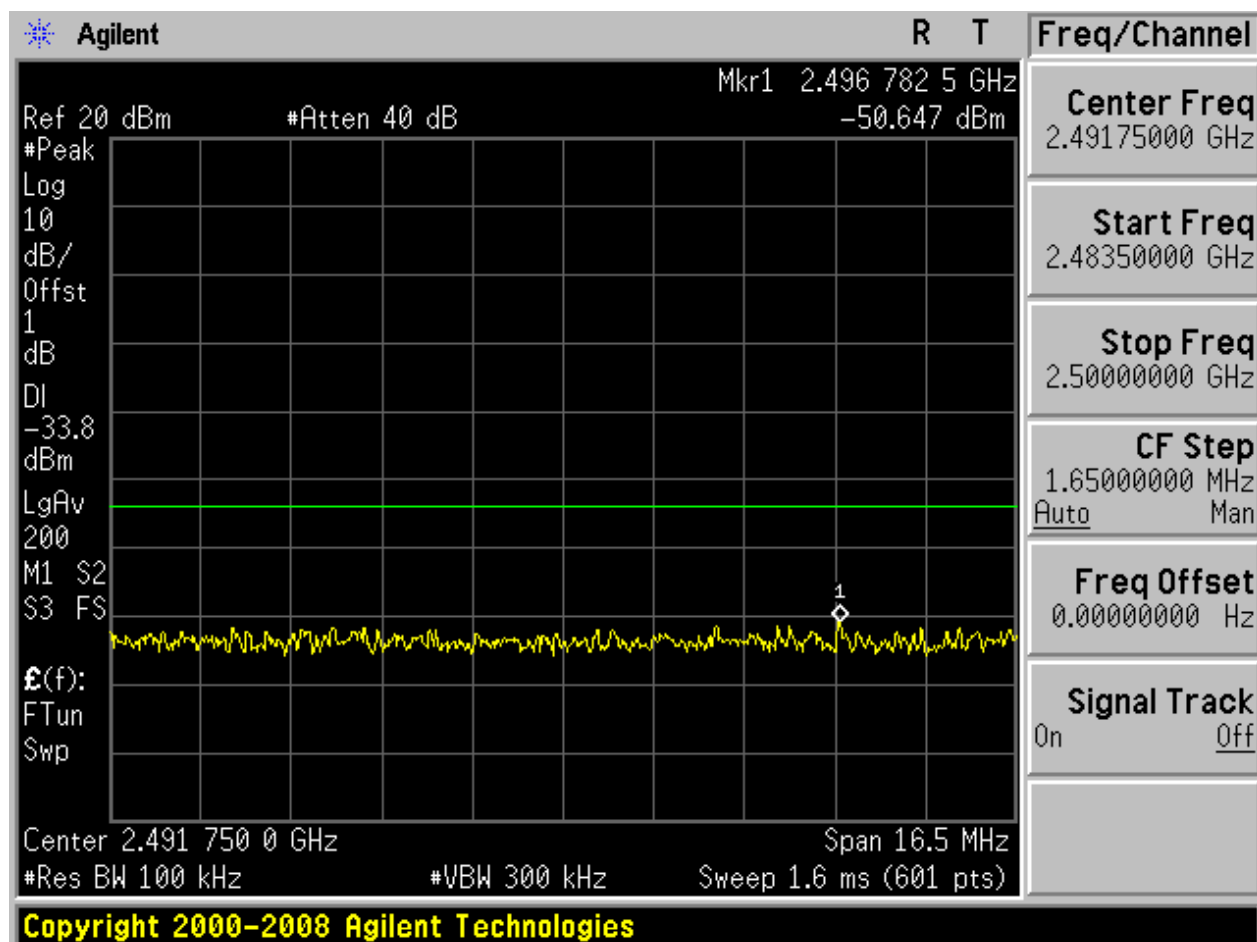
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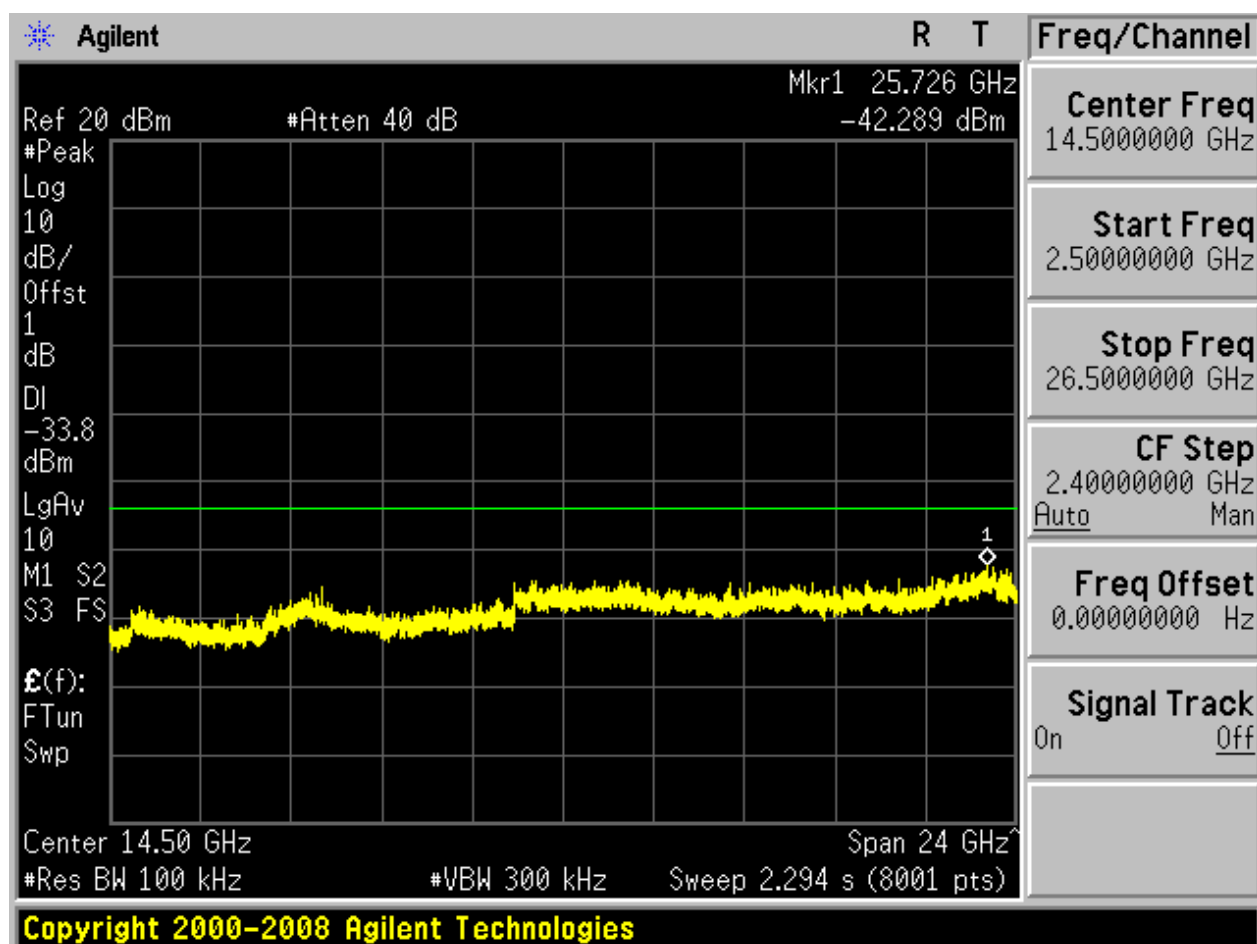






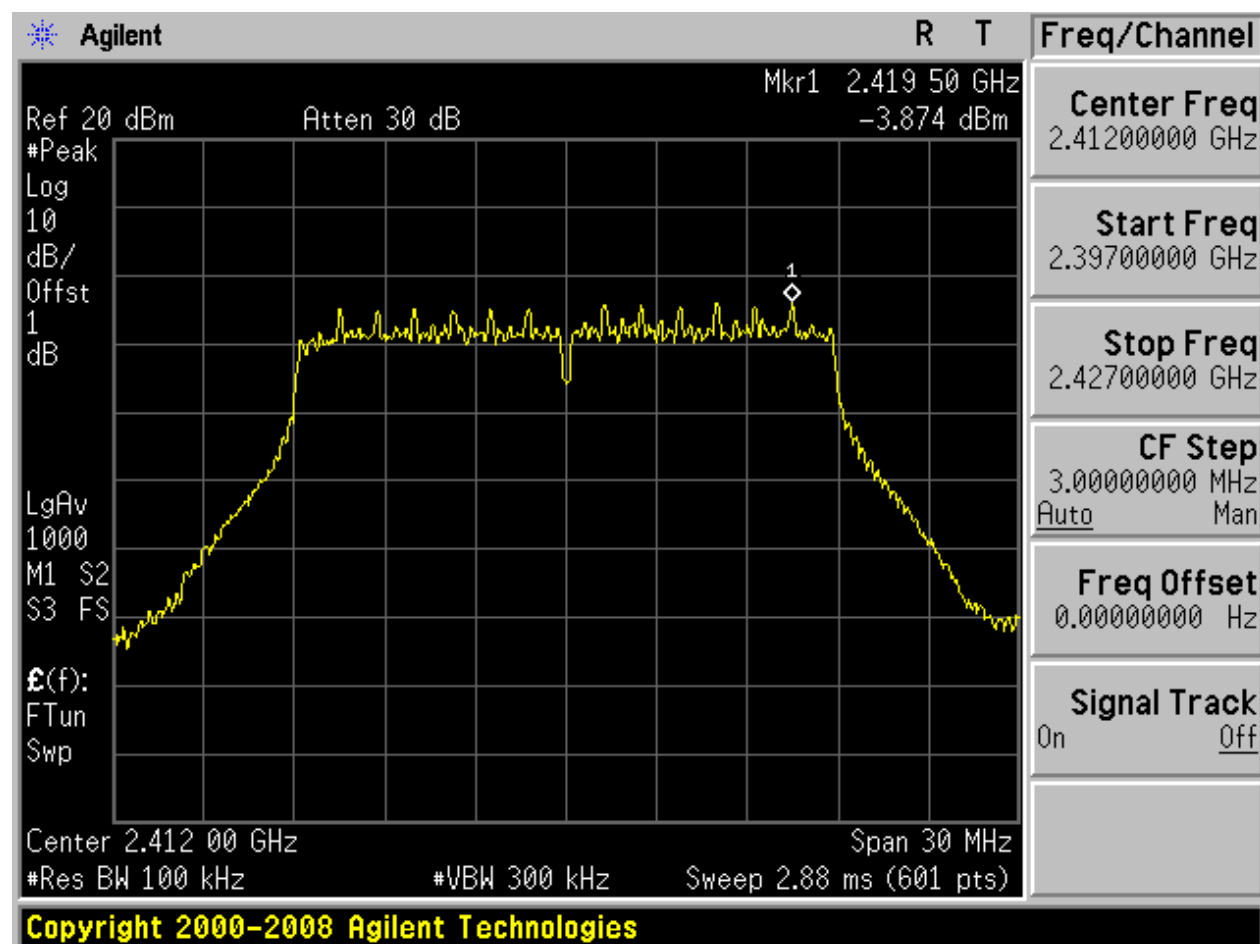






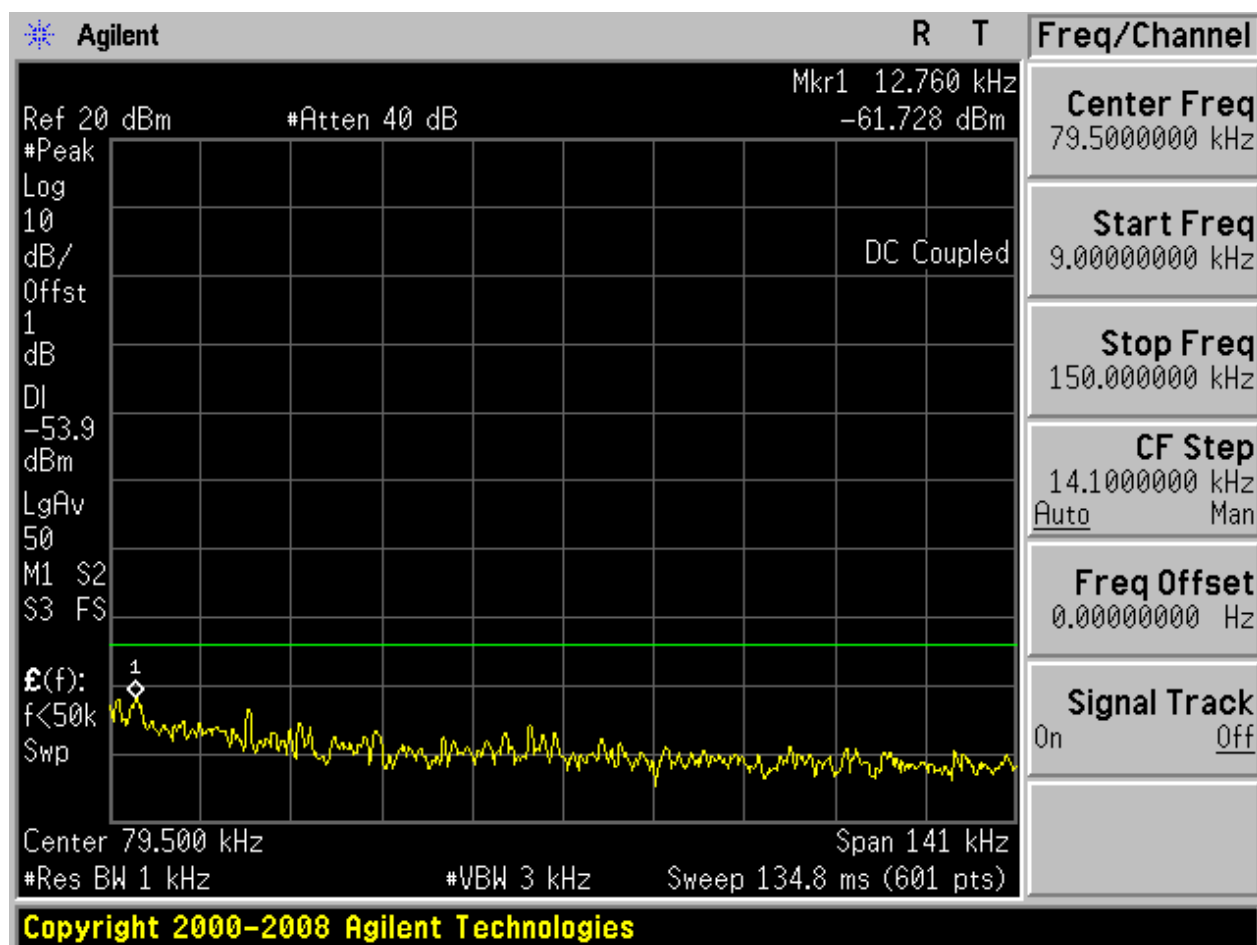
2.14 11N20m_L@Ant 2

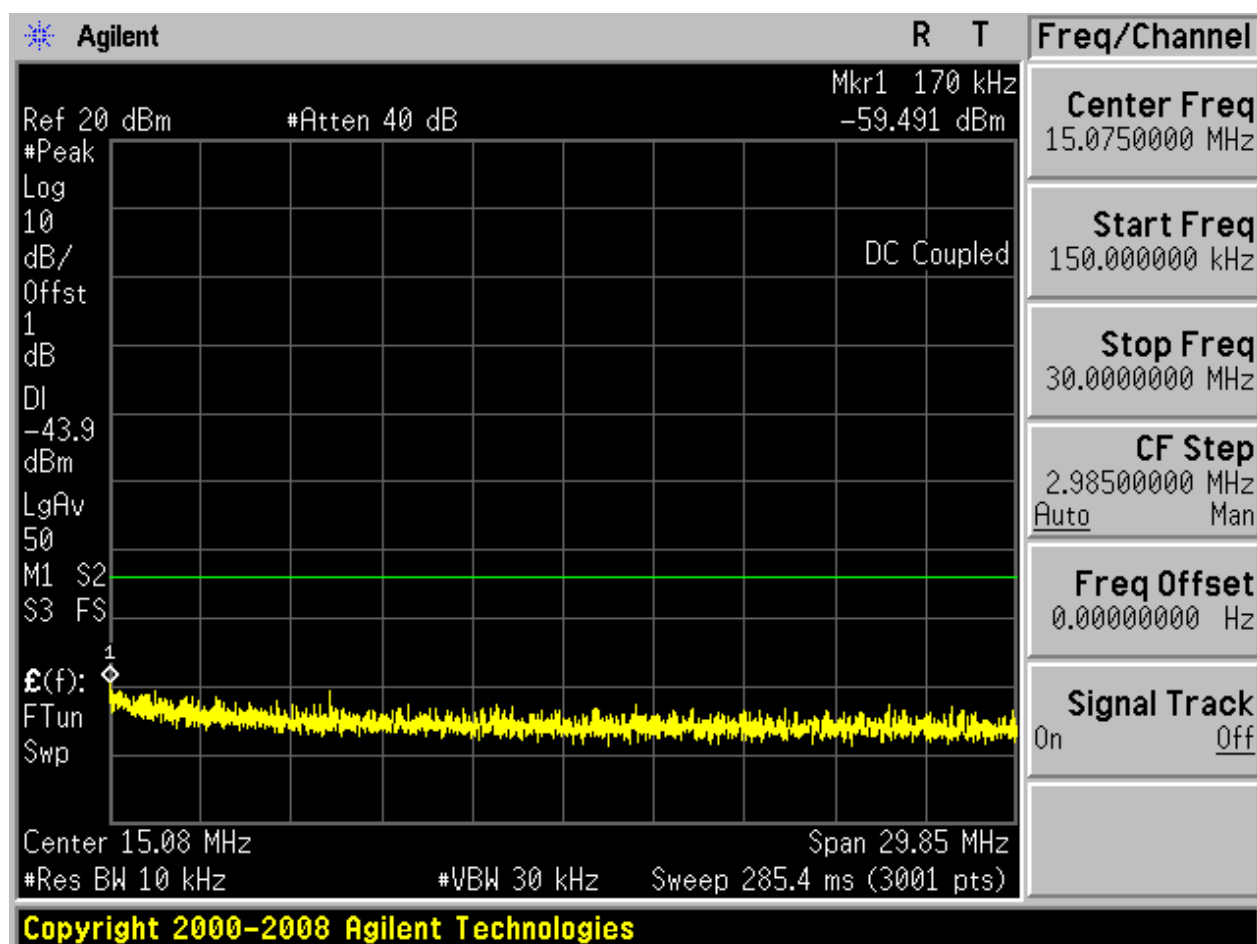
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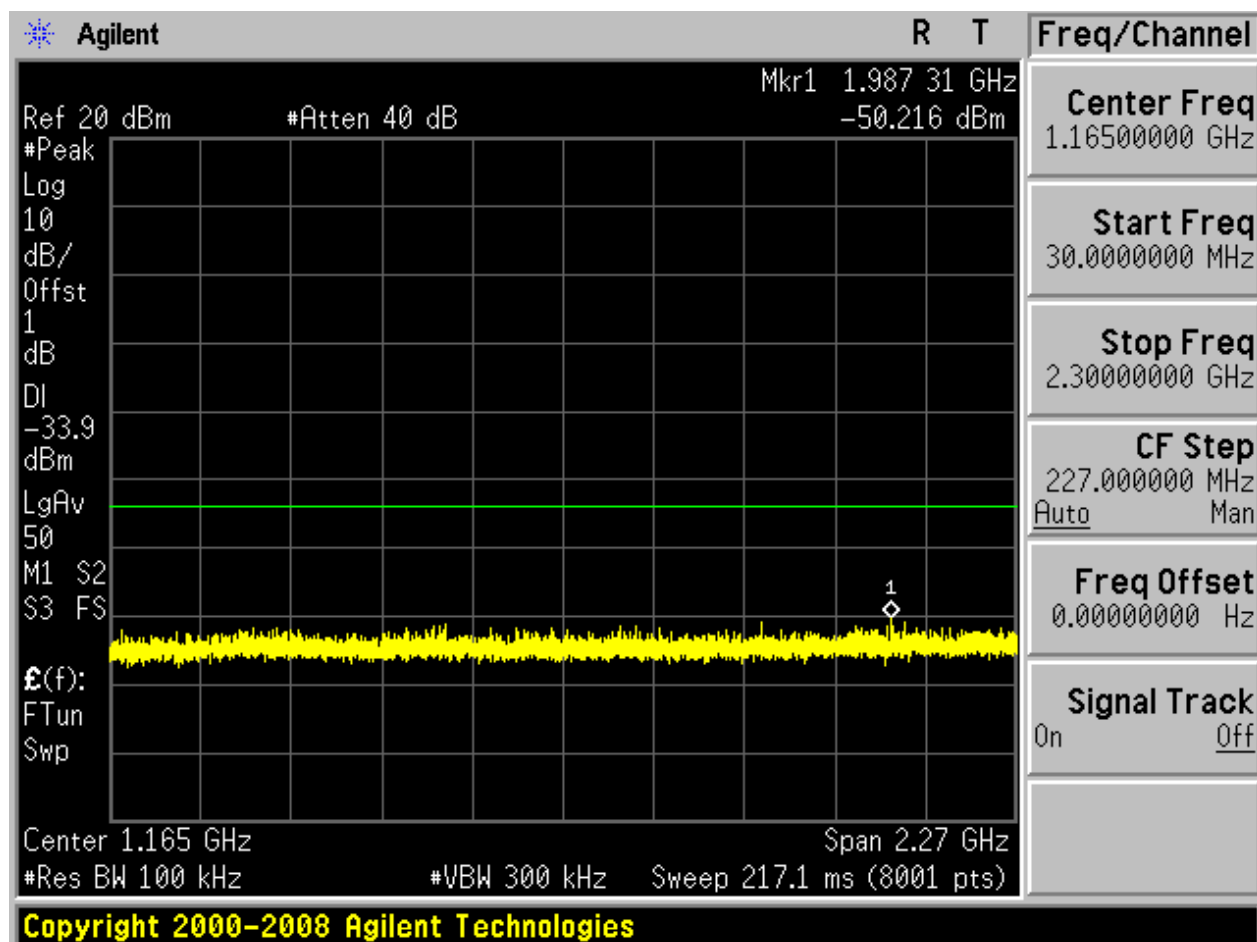


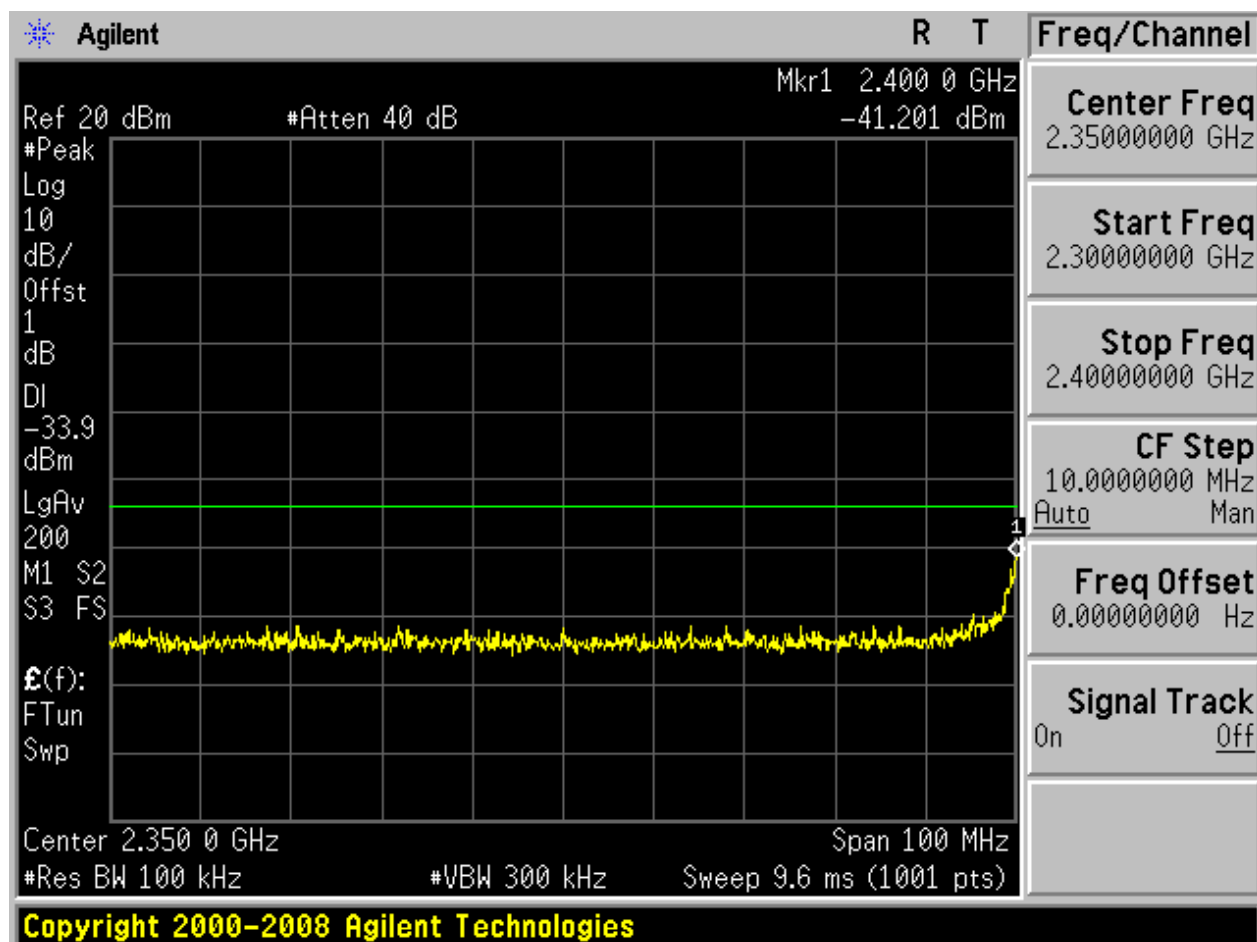


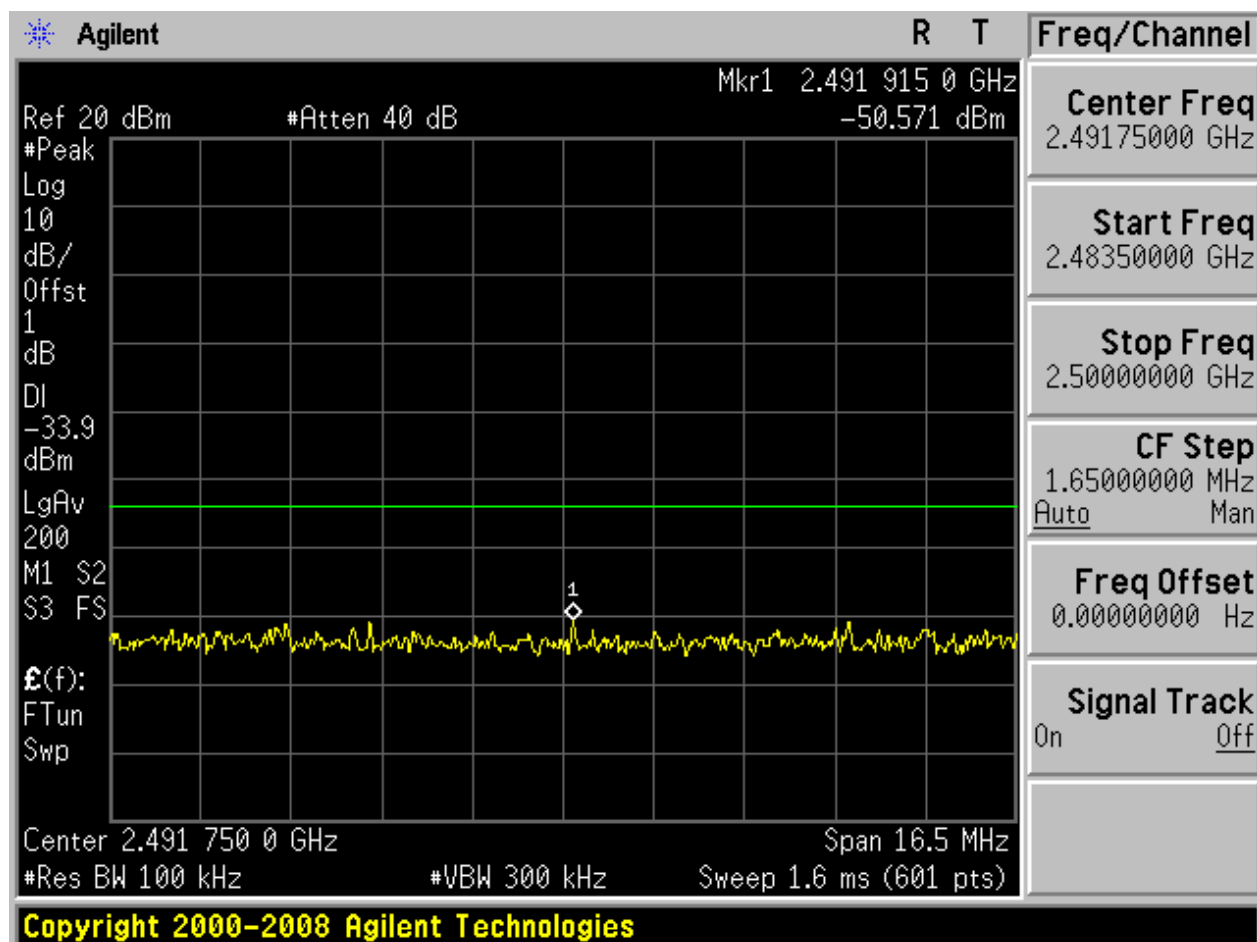
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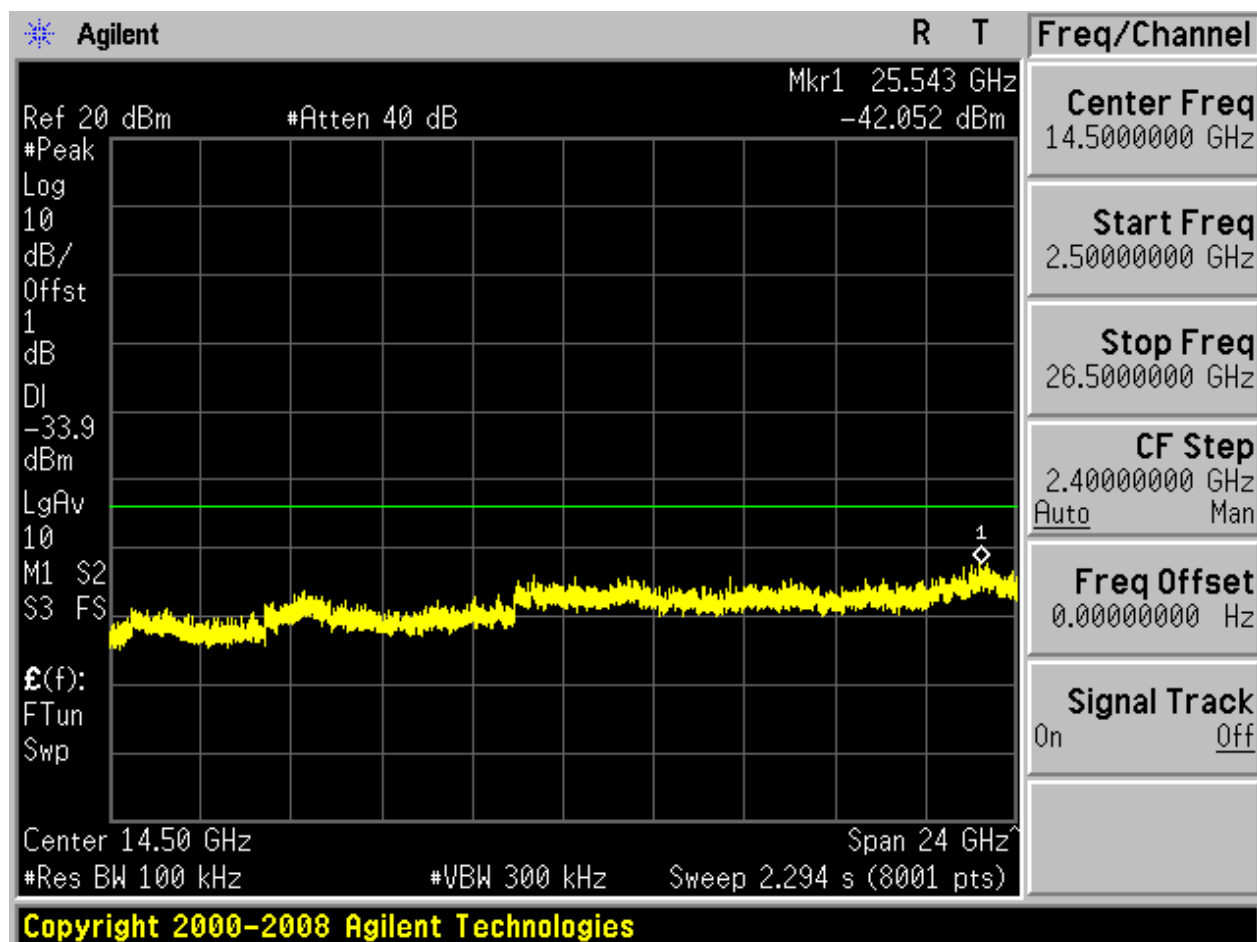








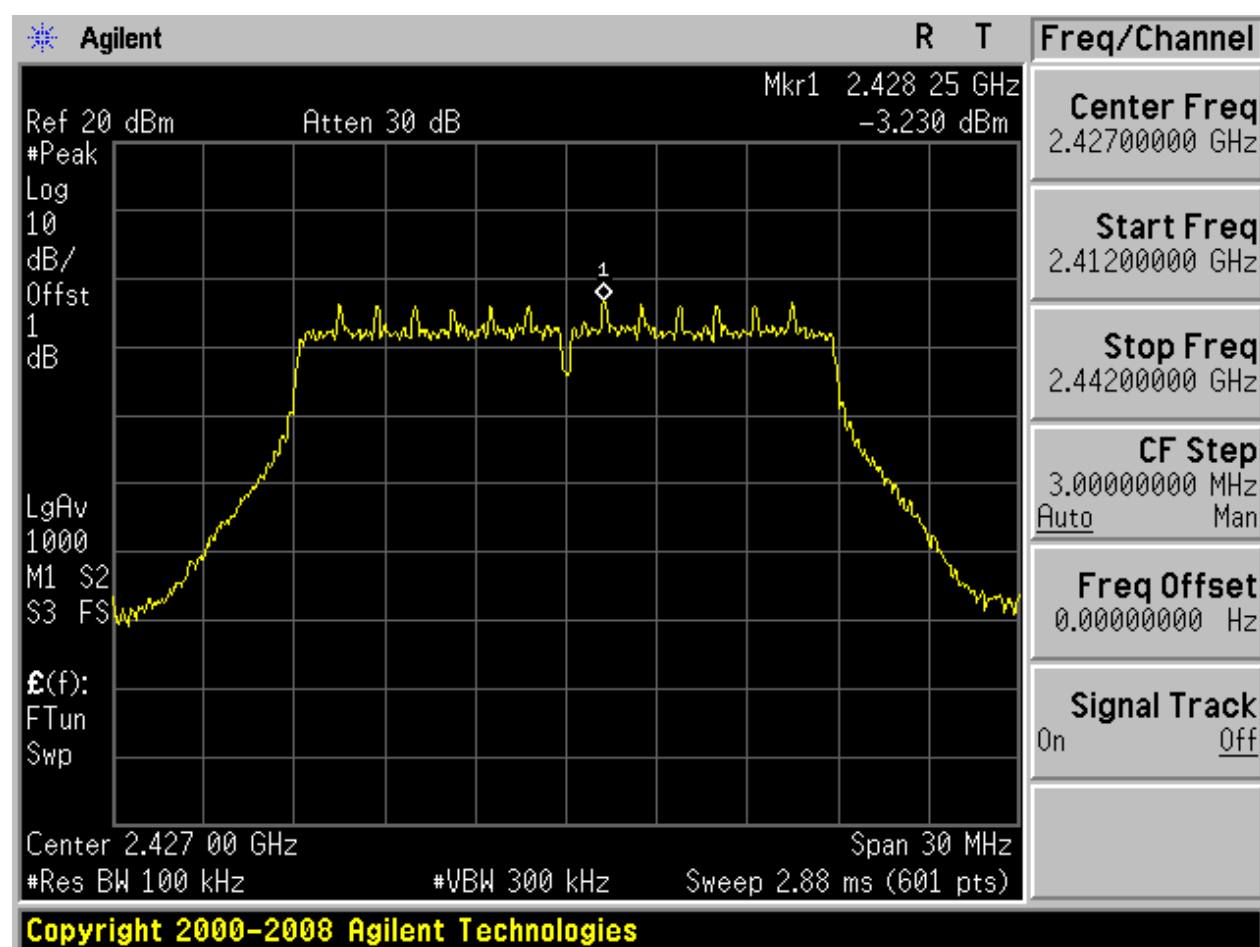






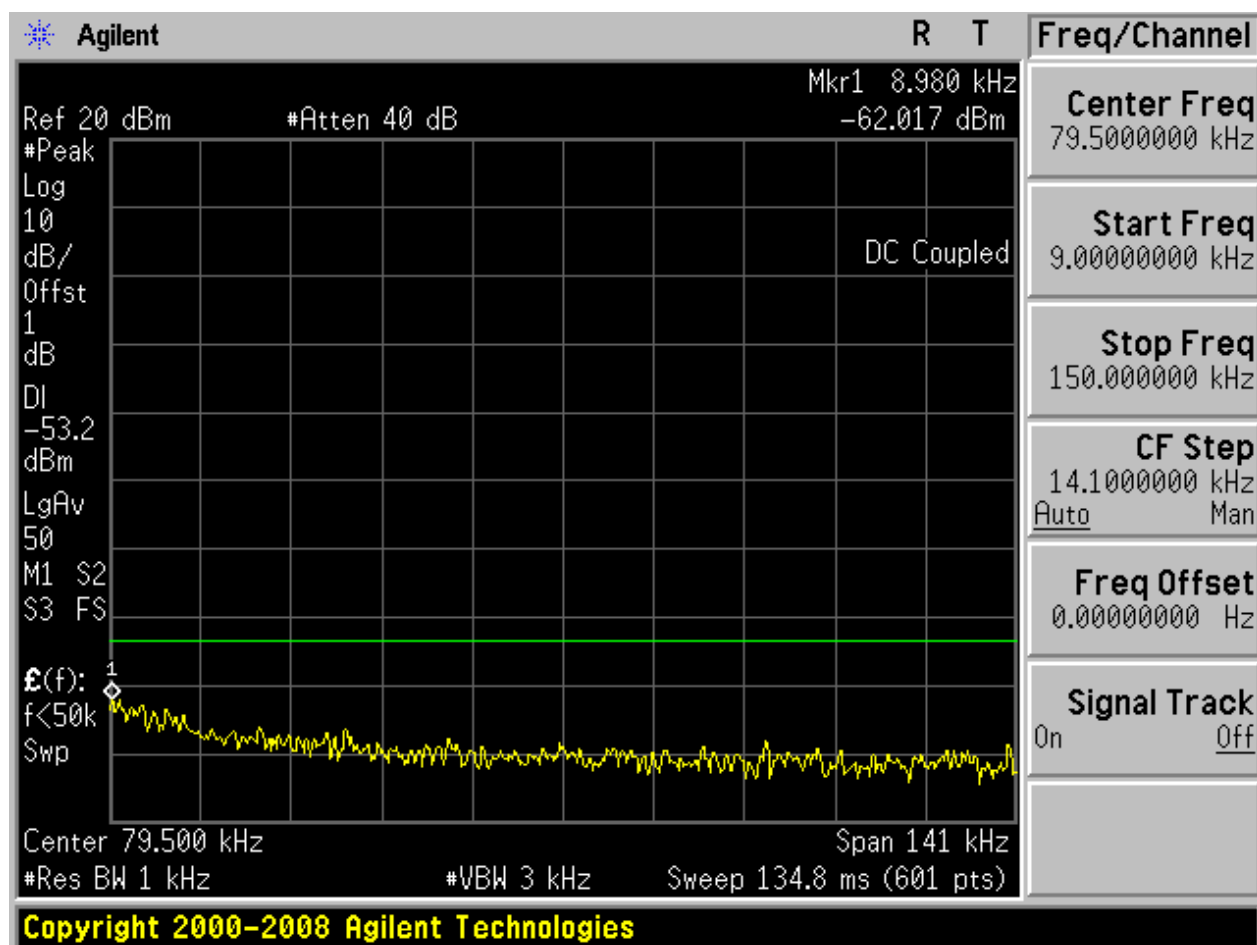
2.15 11N20m_M@Ant 1

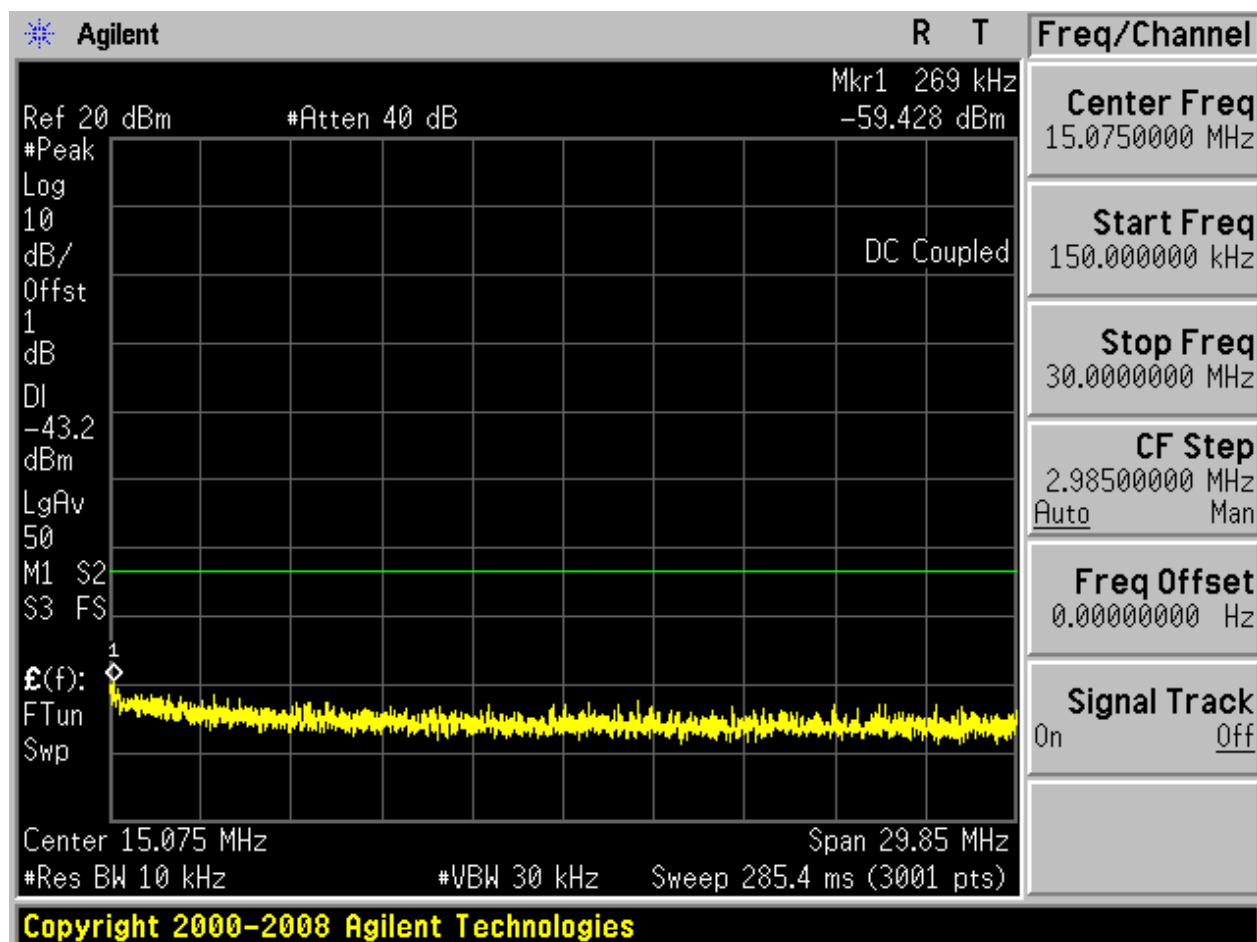
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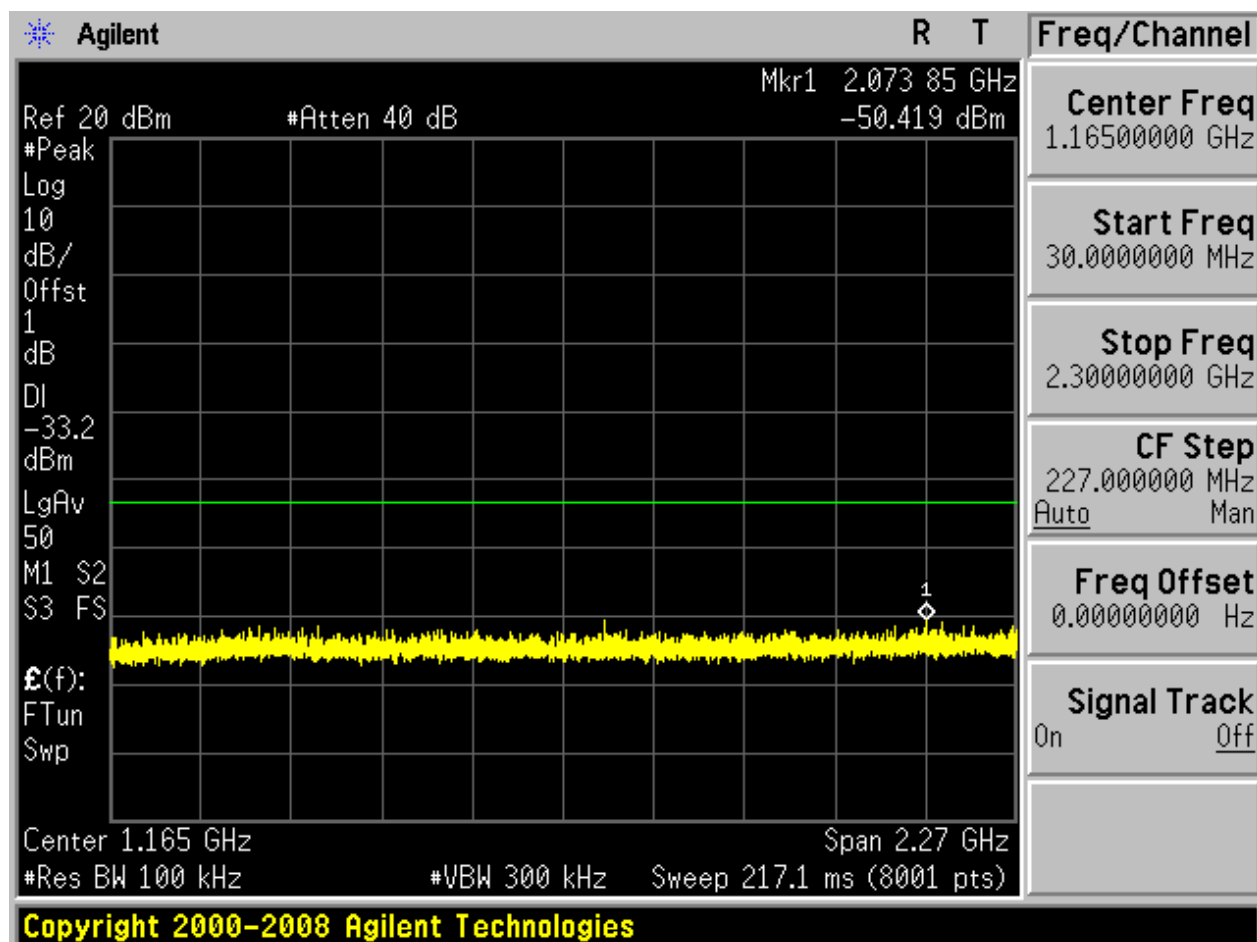


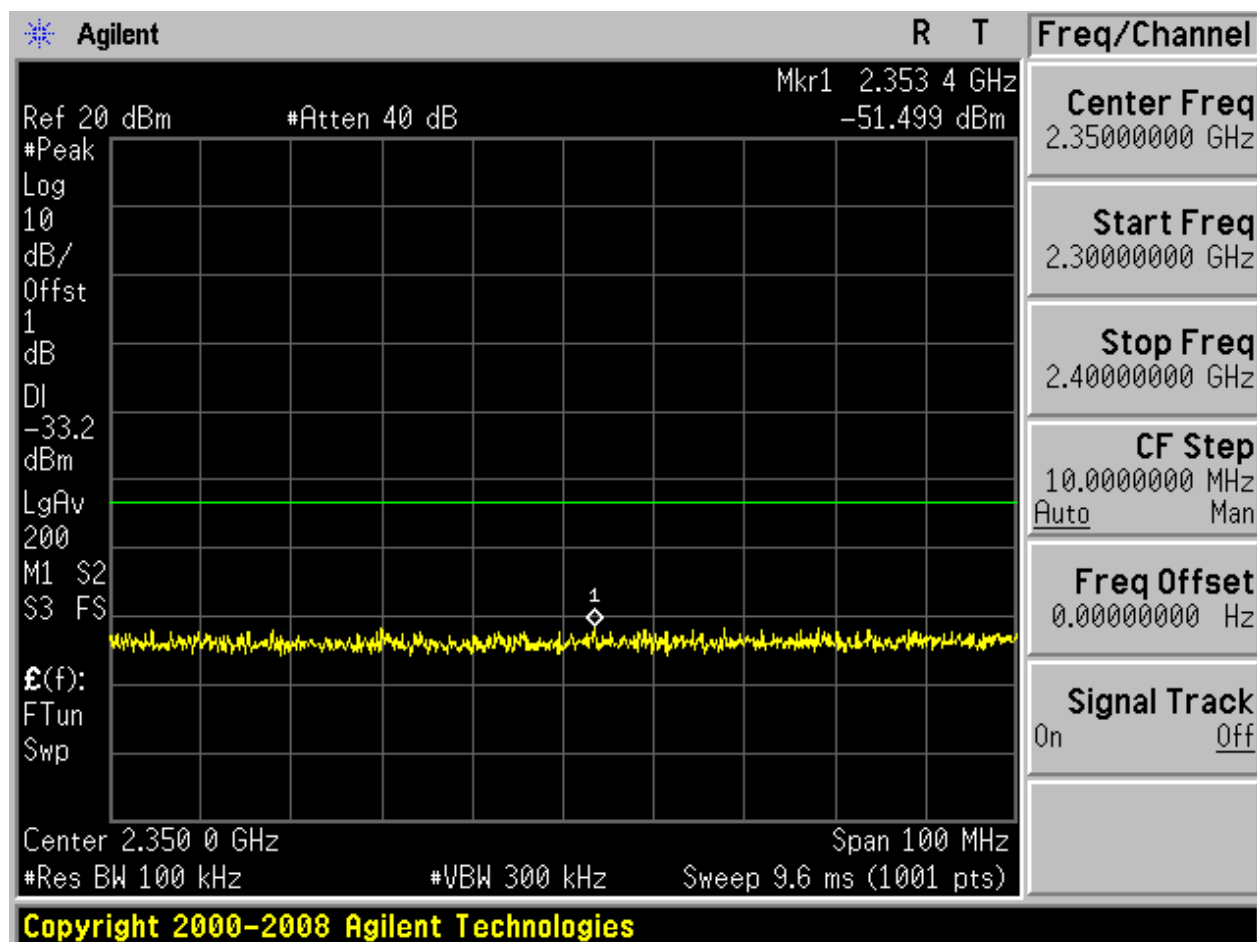


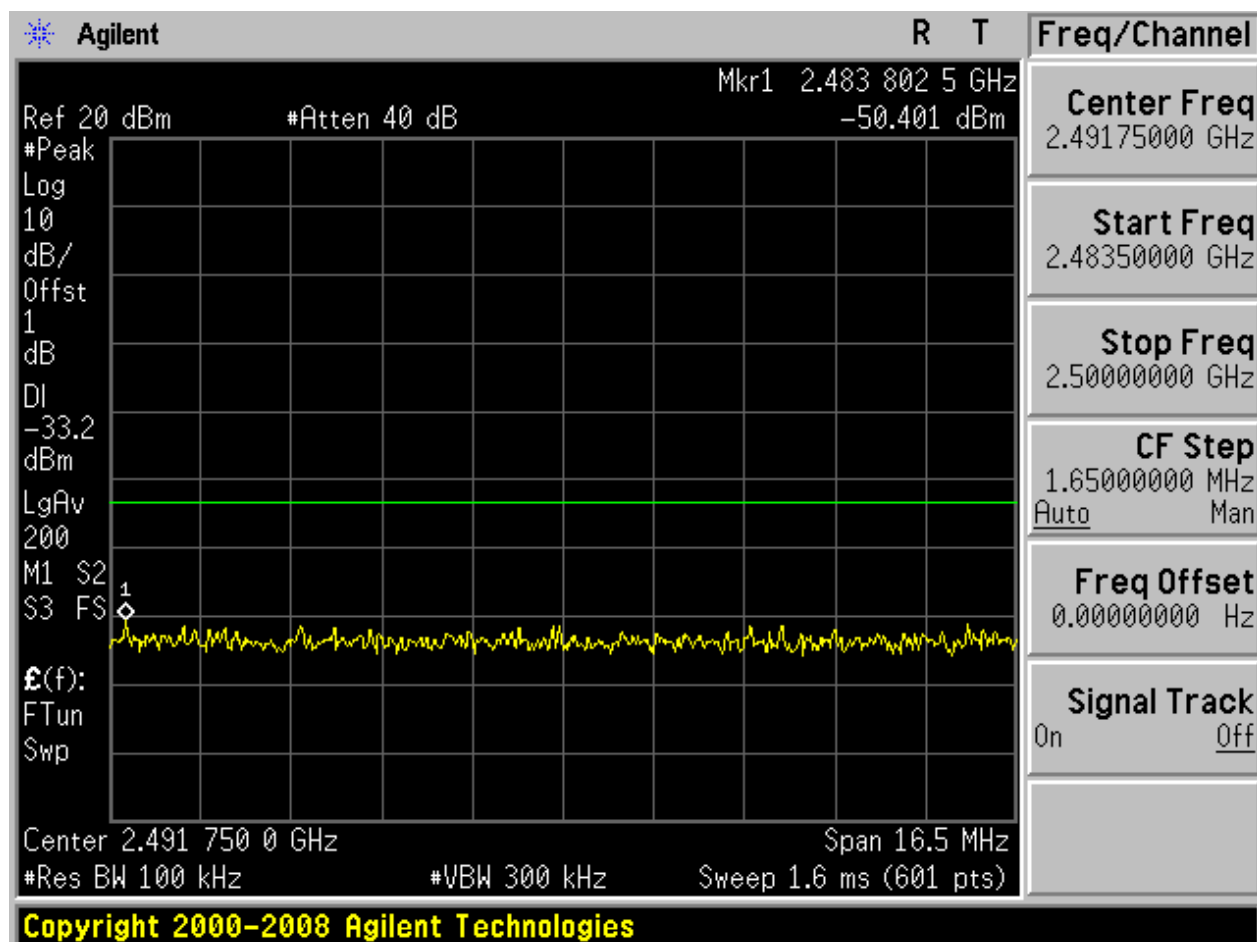
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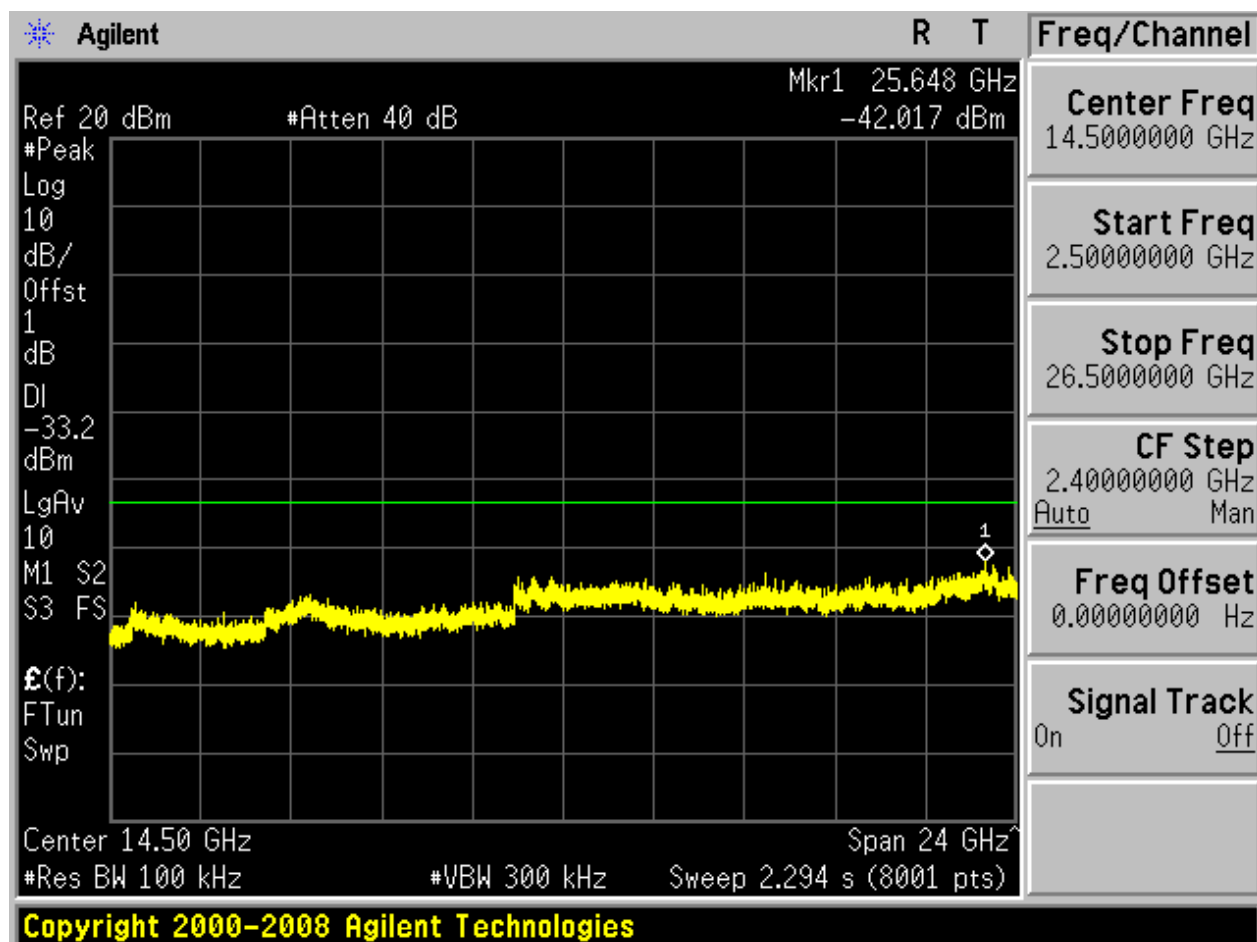






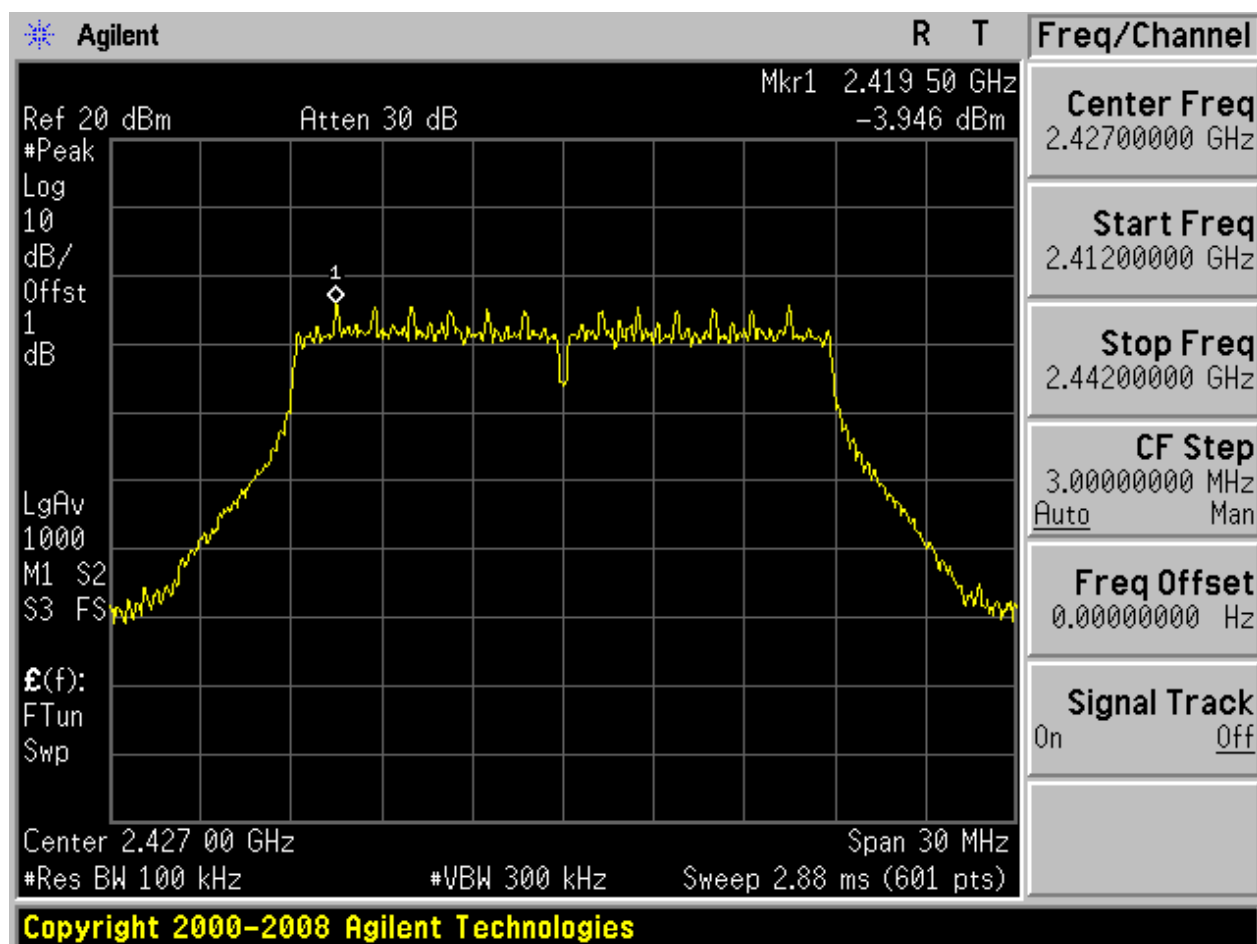






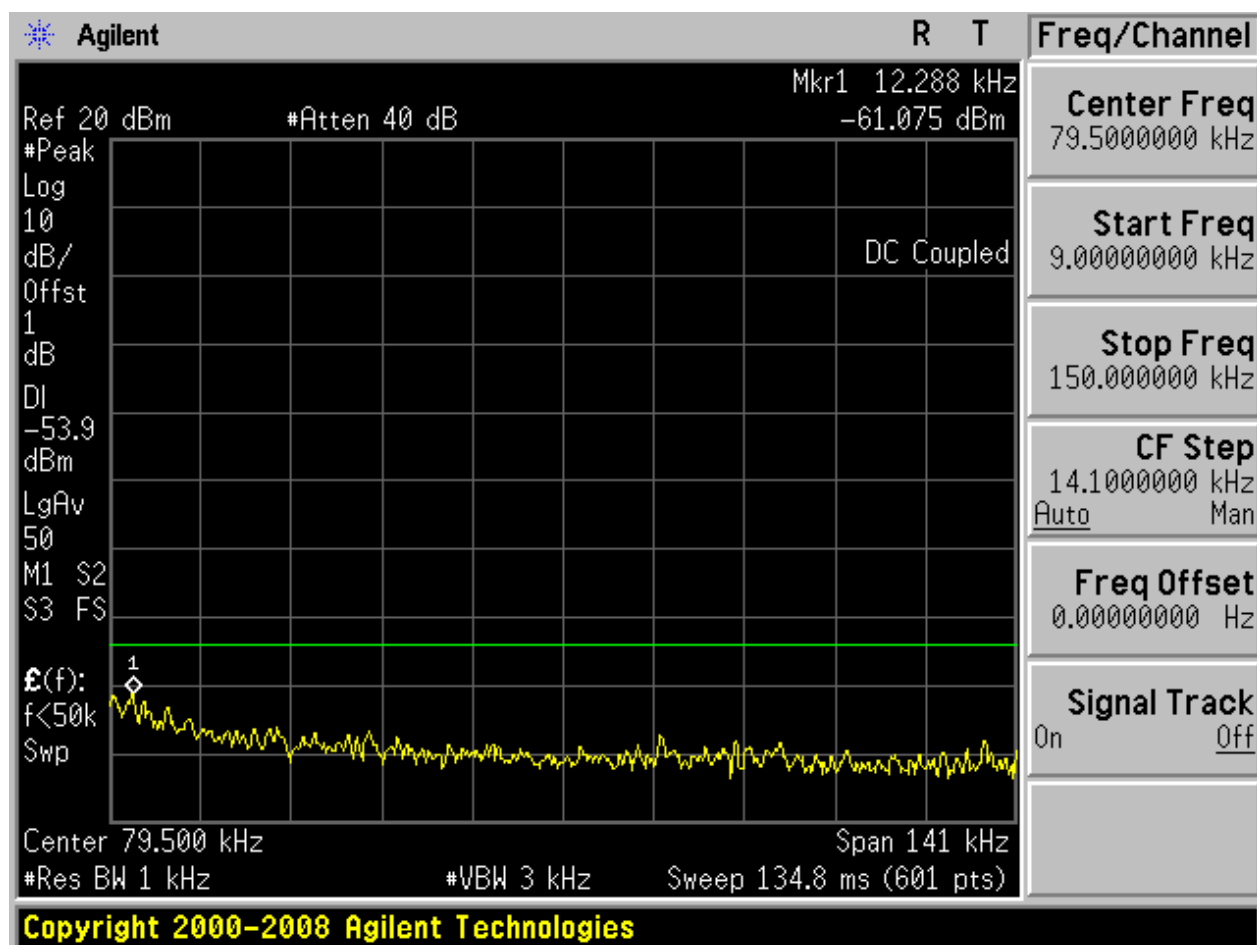
2.16 11N20m_M@Ant 2

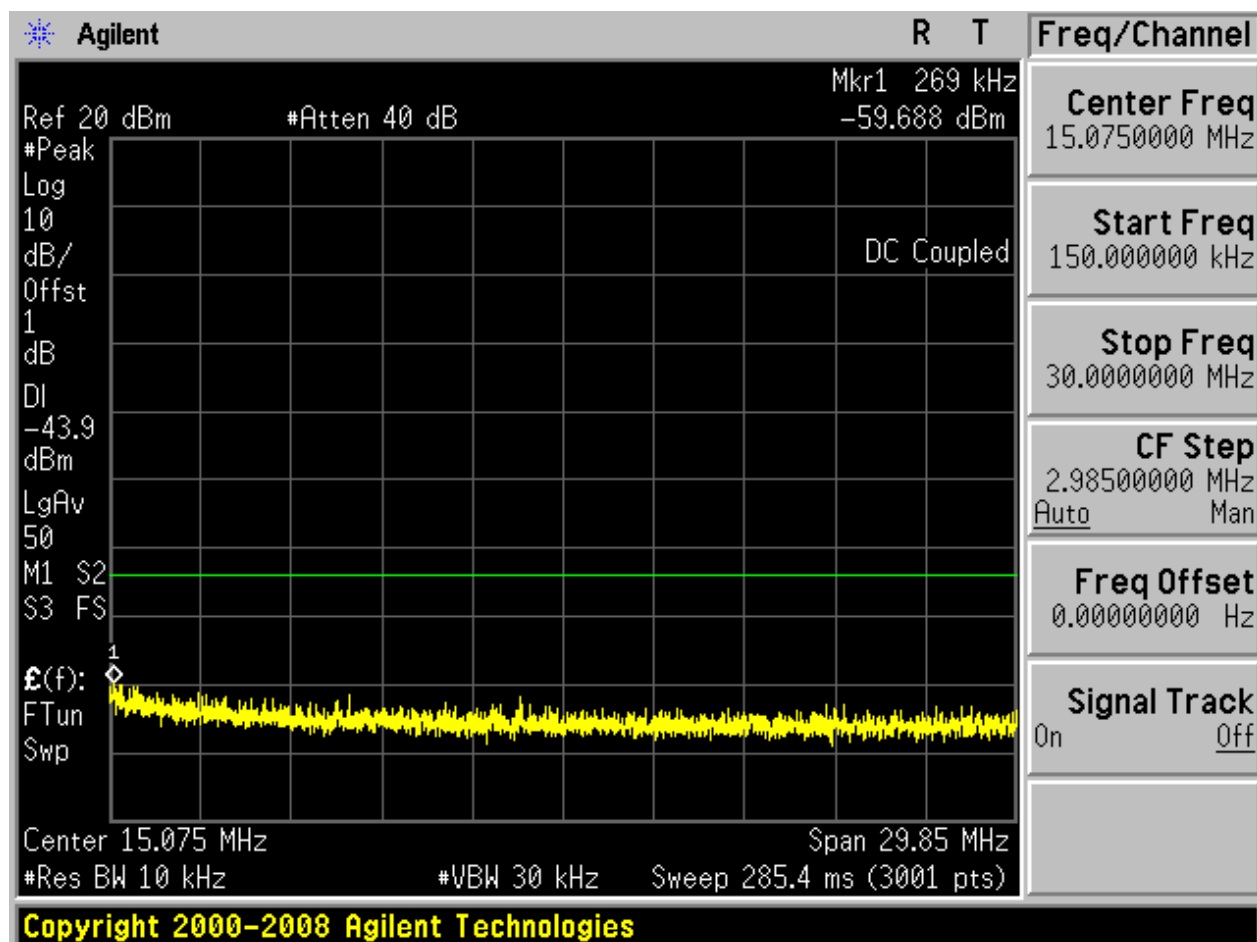
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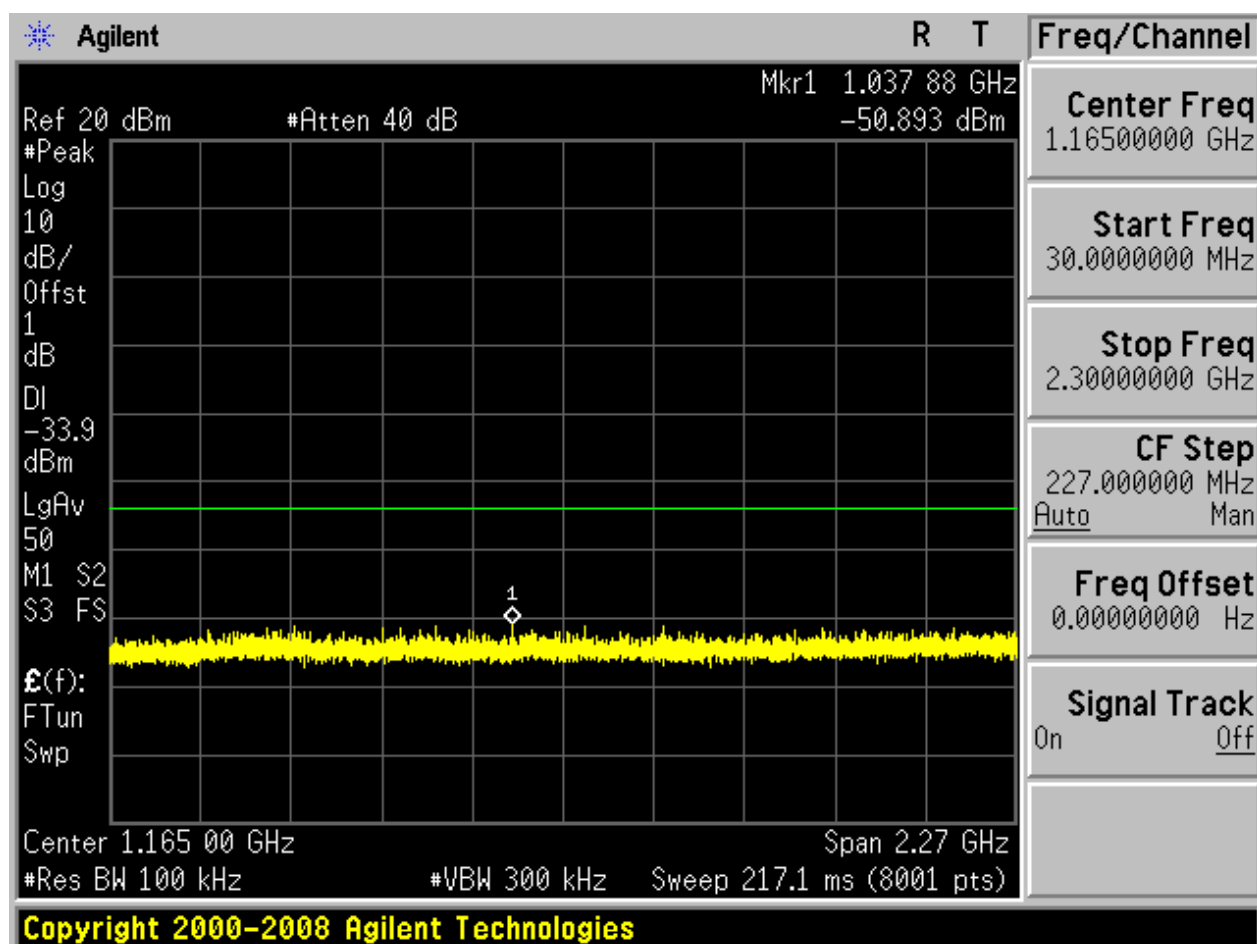


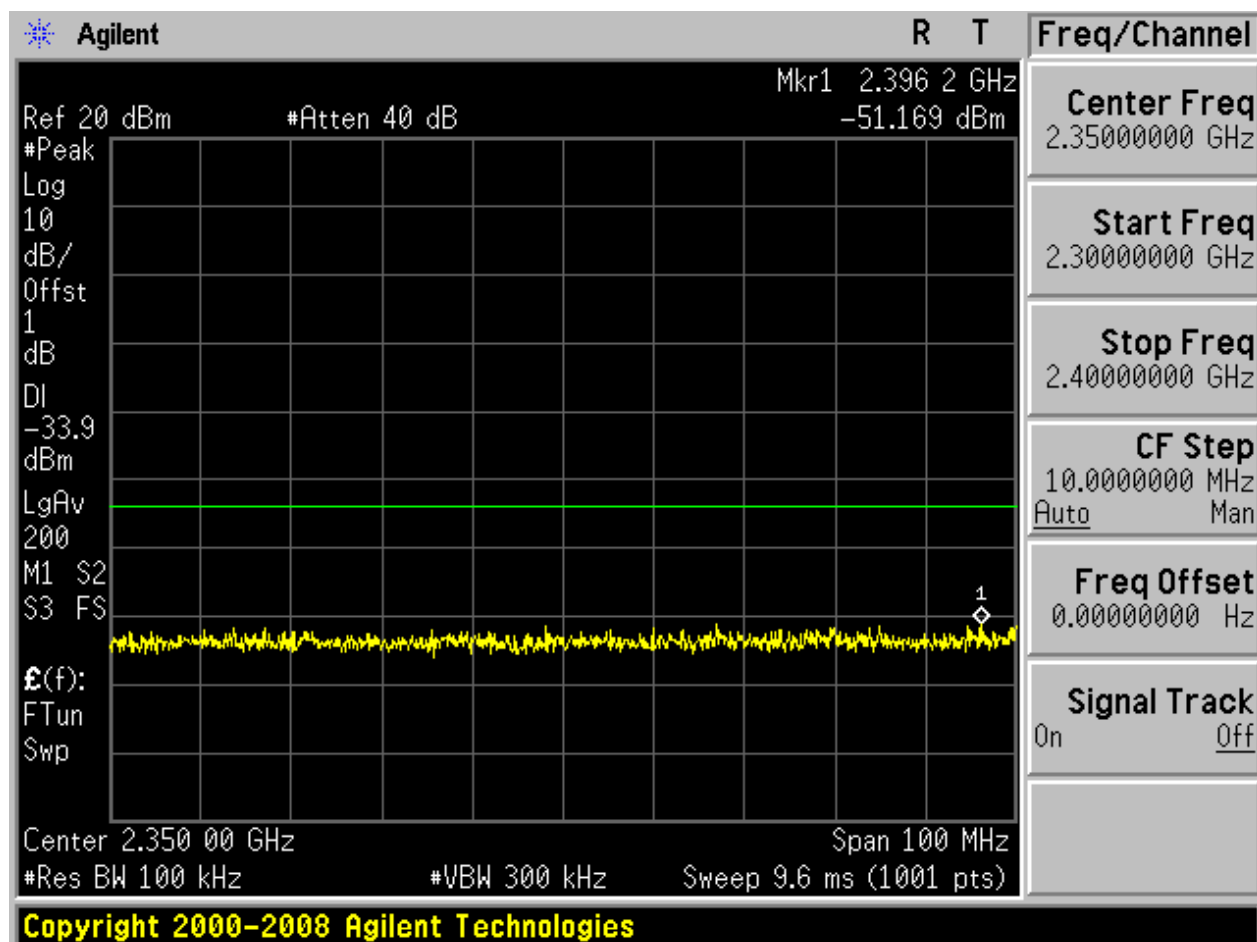


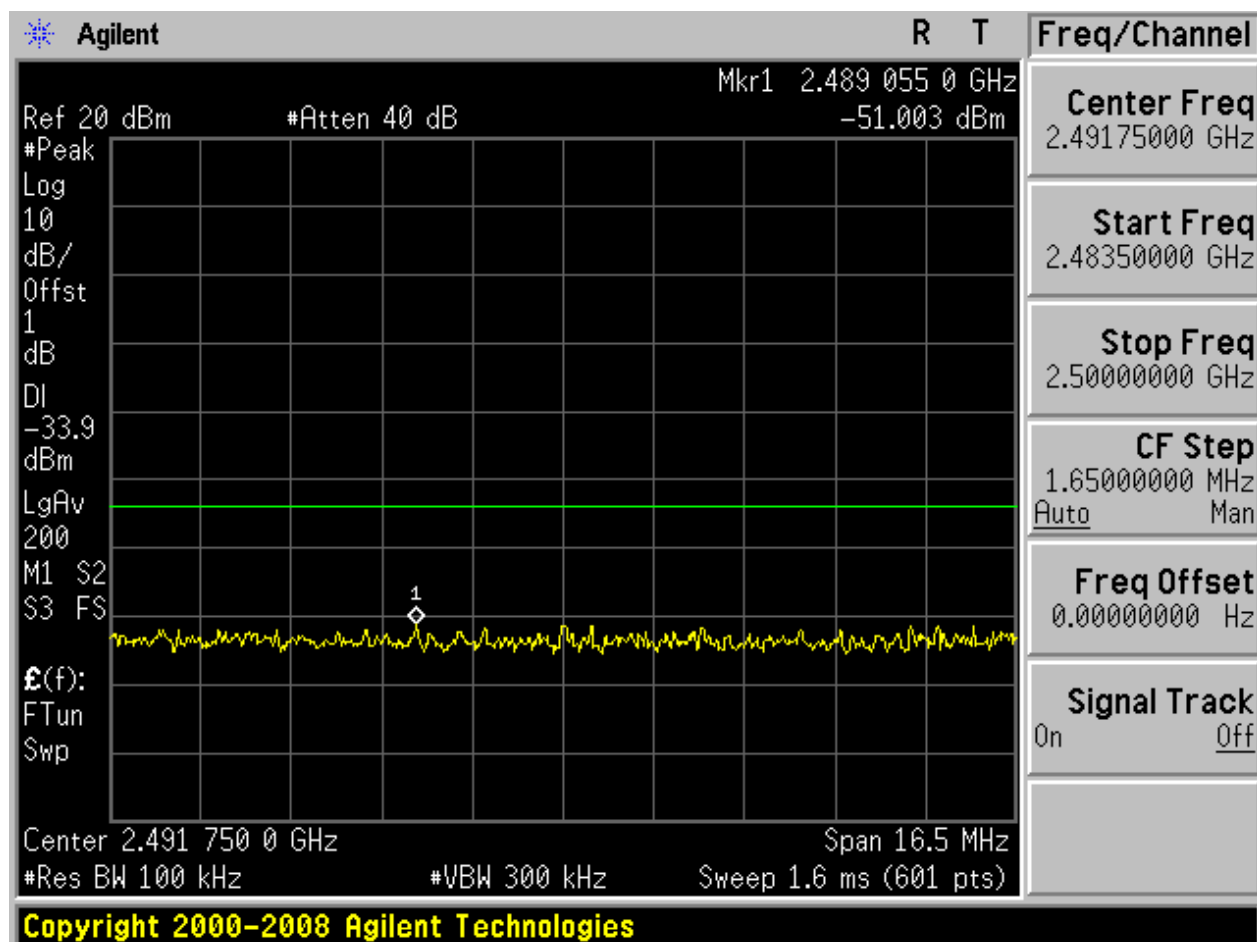
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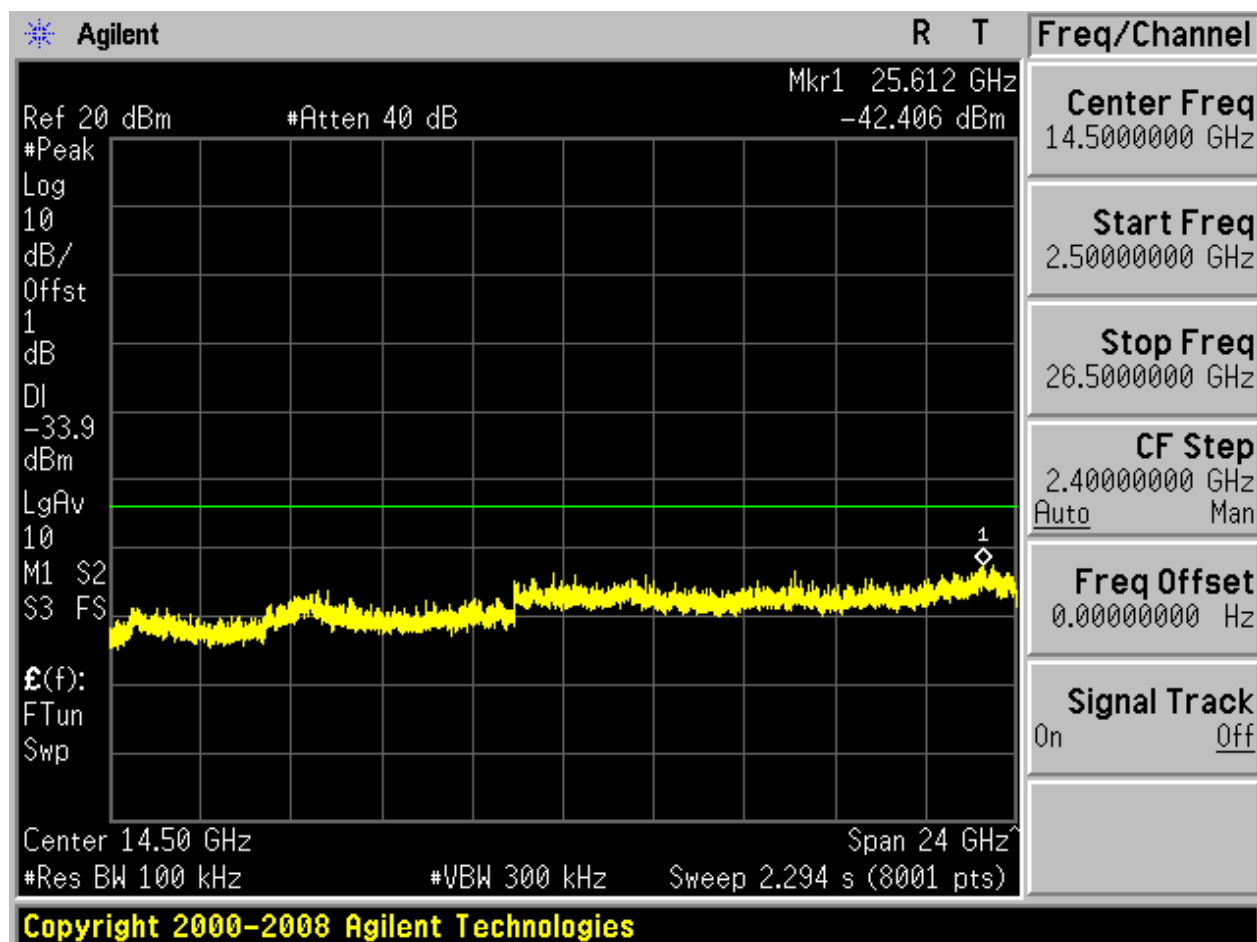








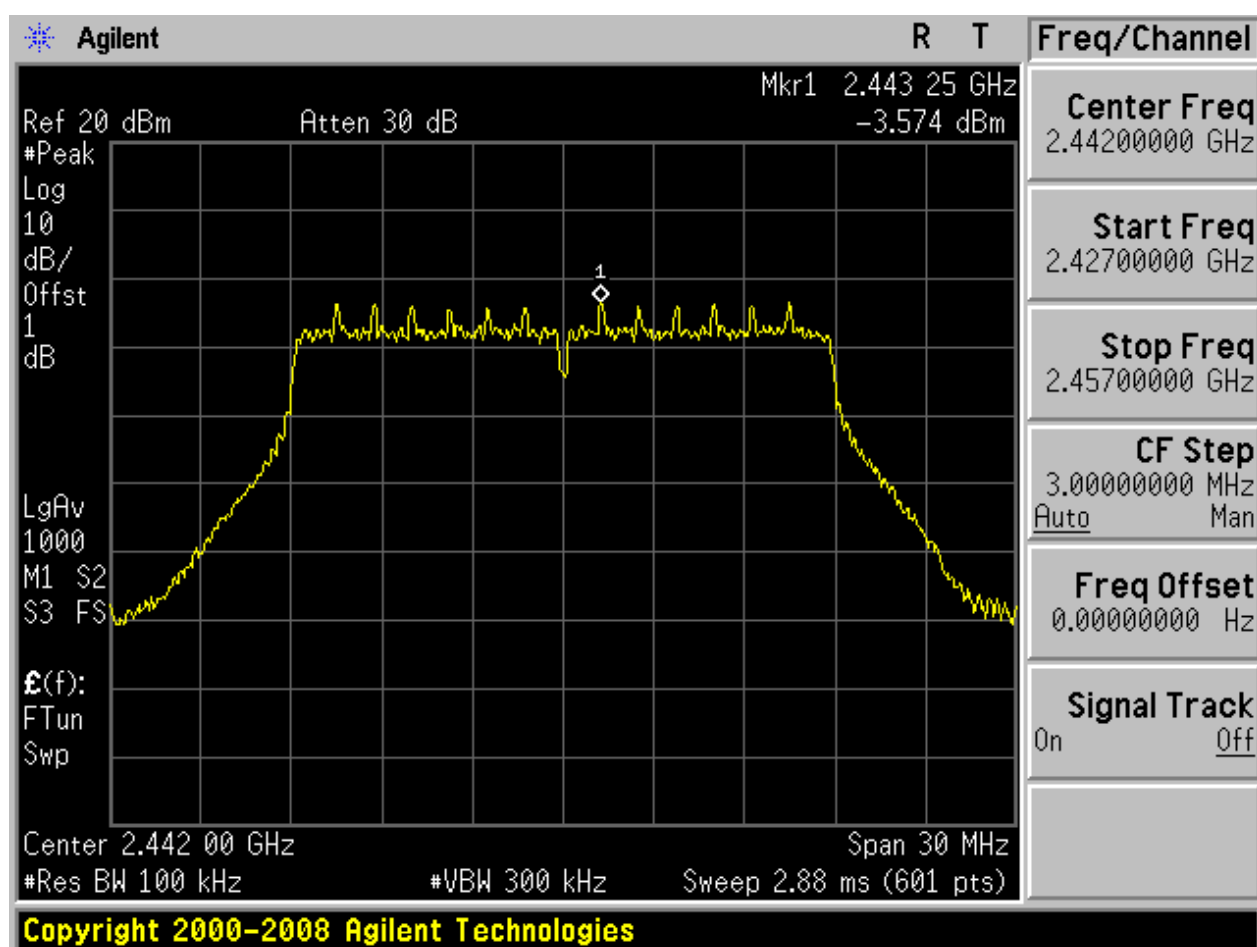






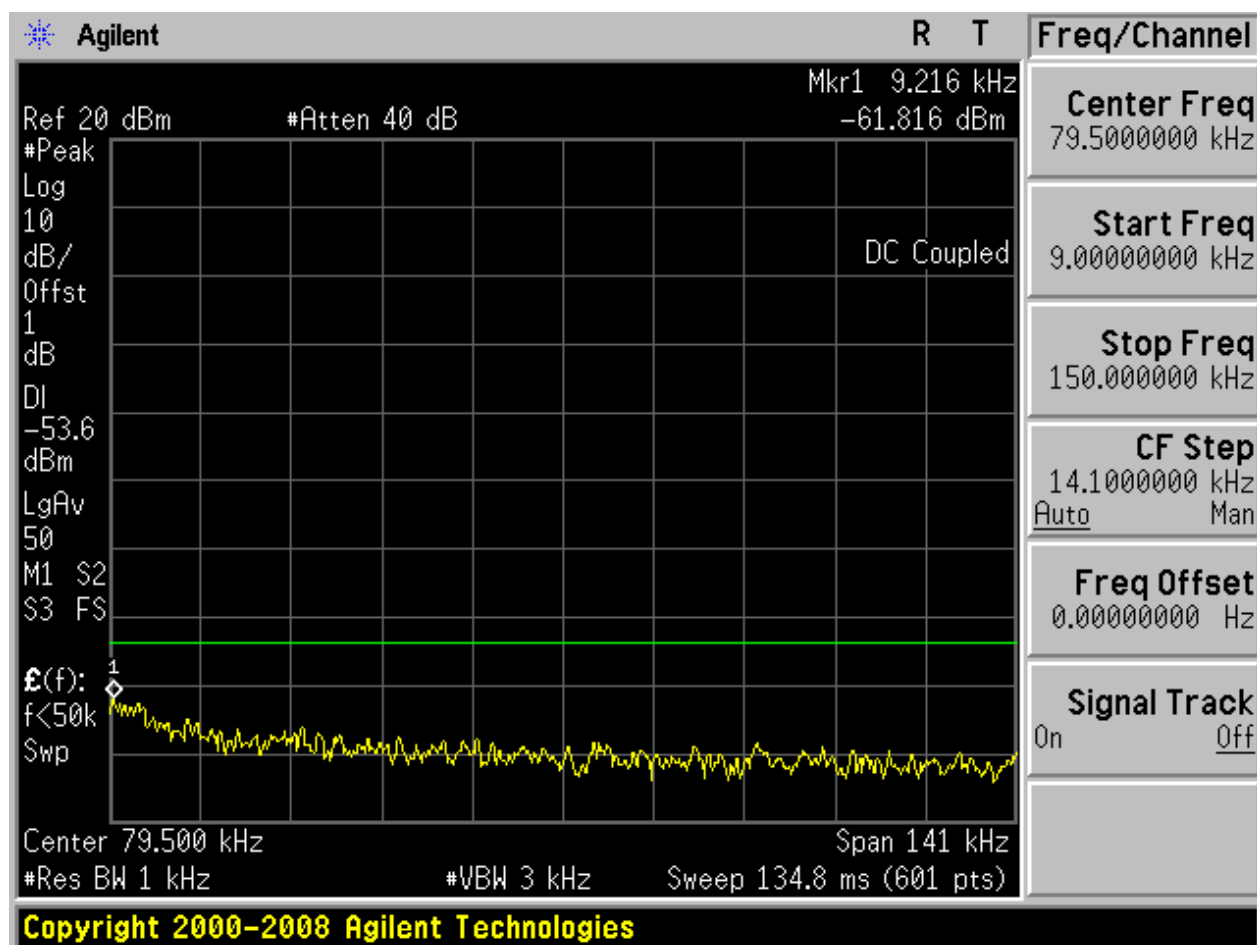
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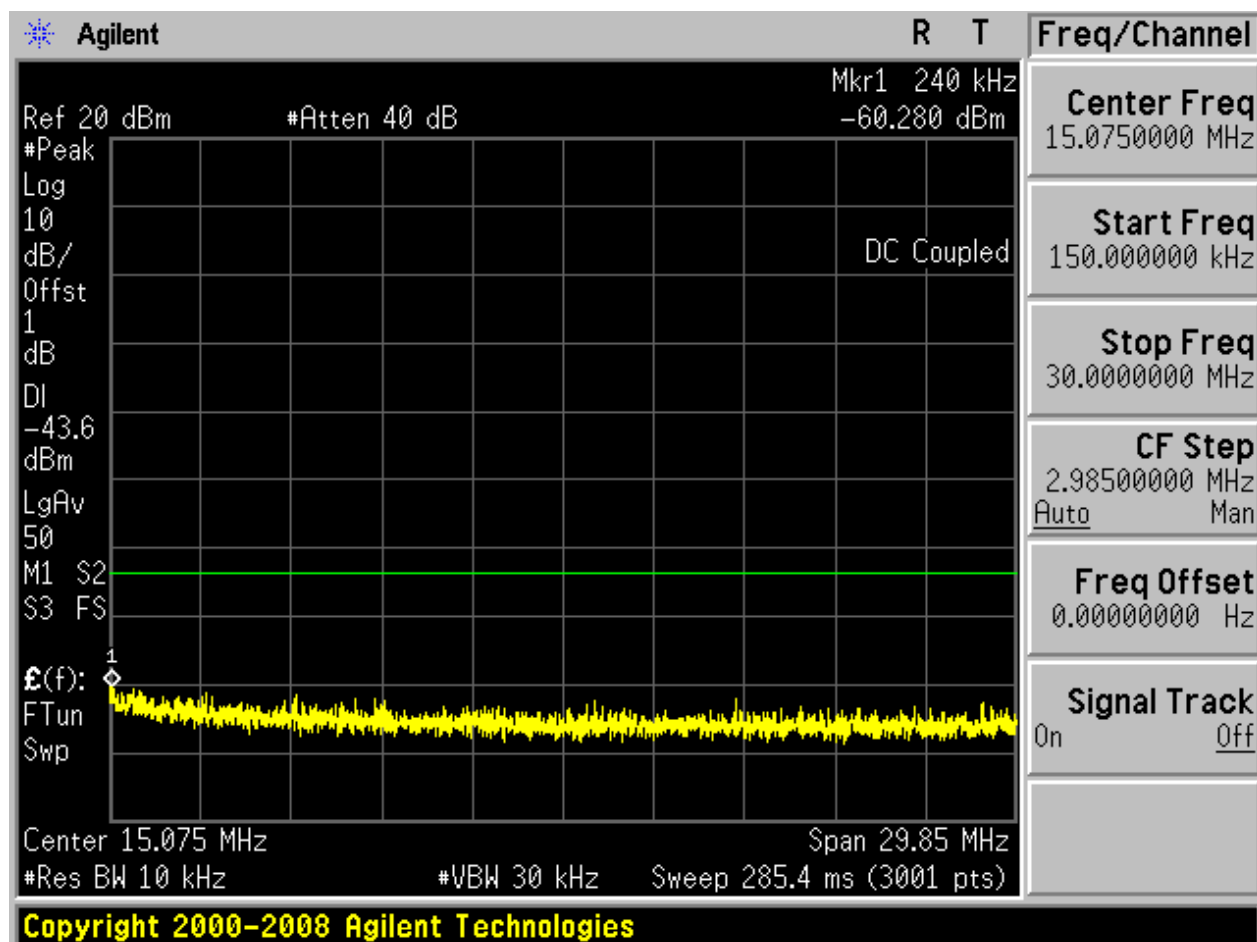
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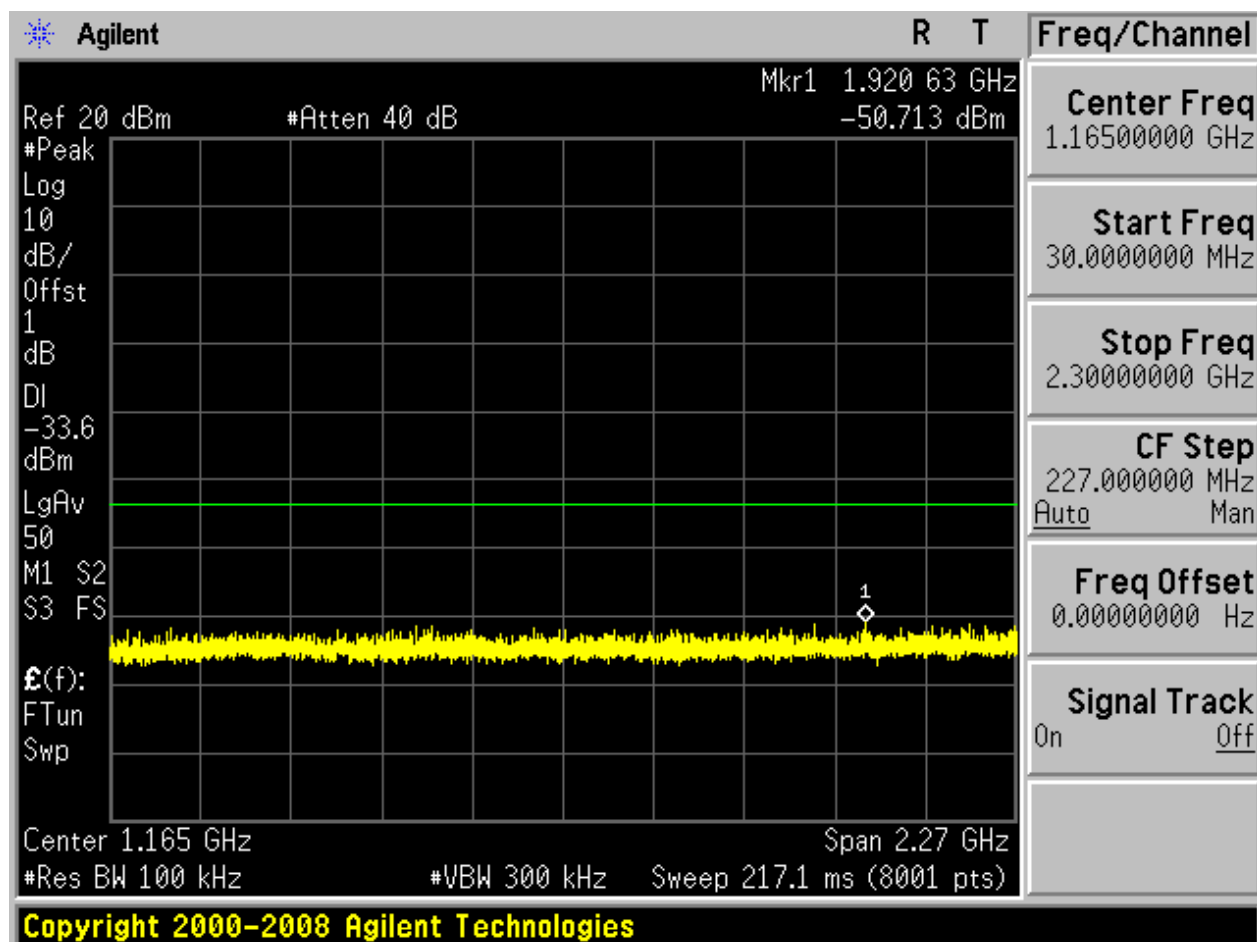


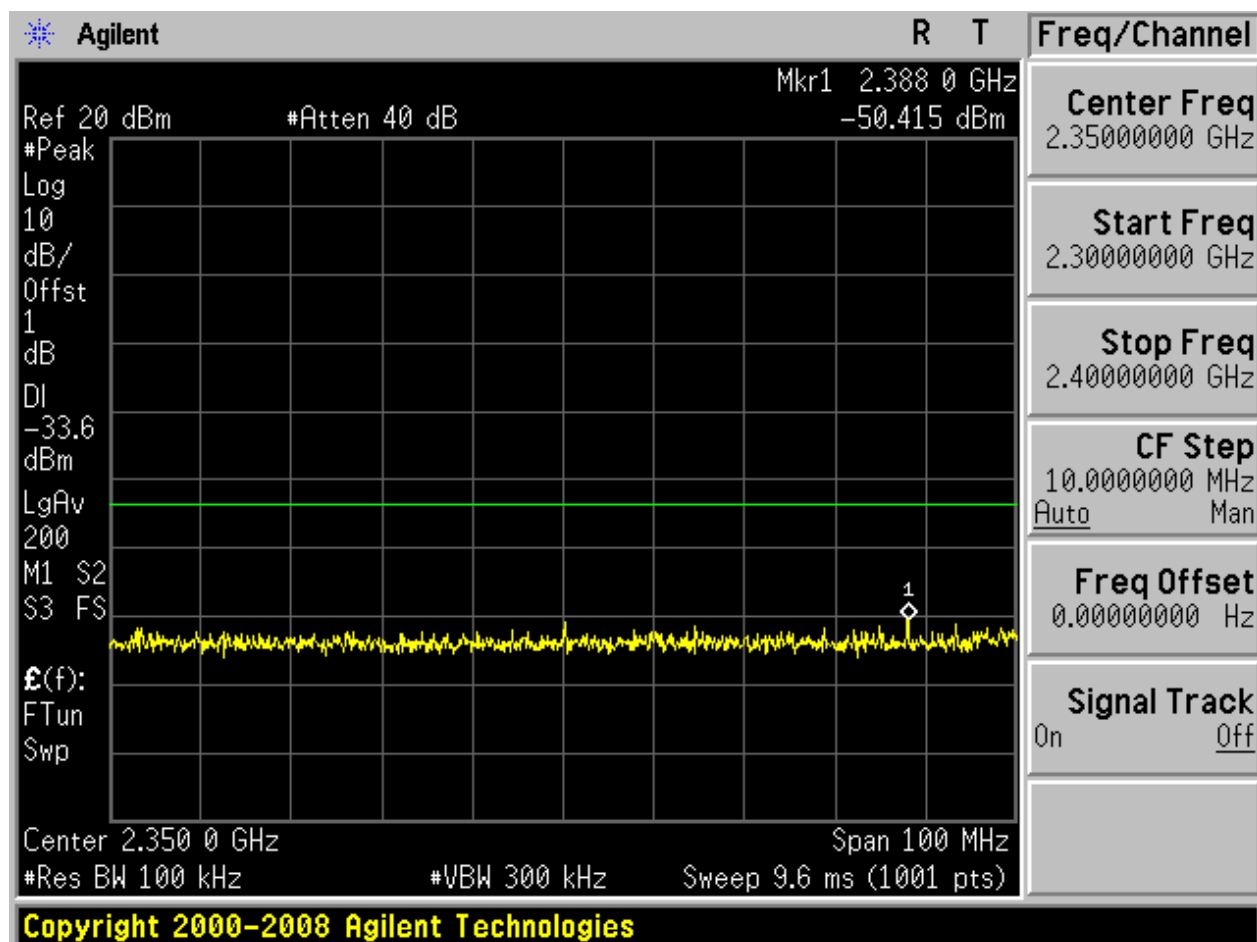


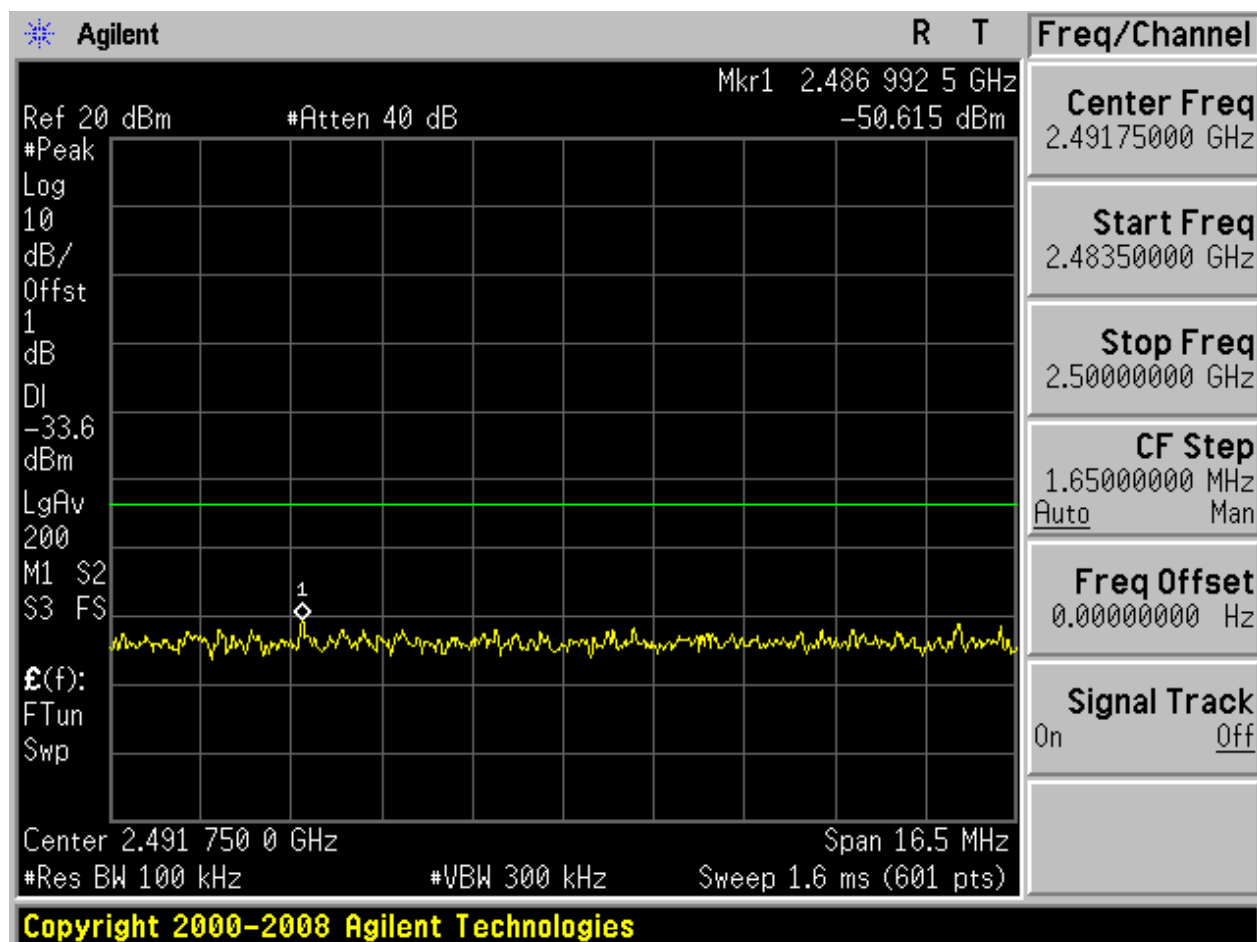
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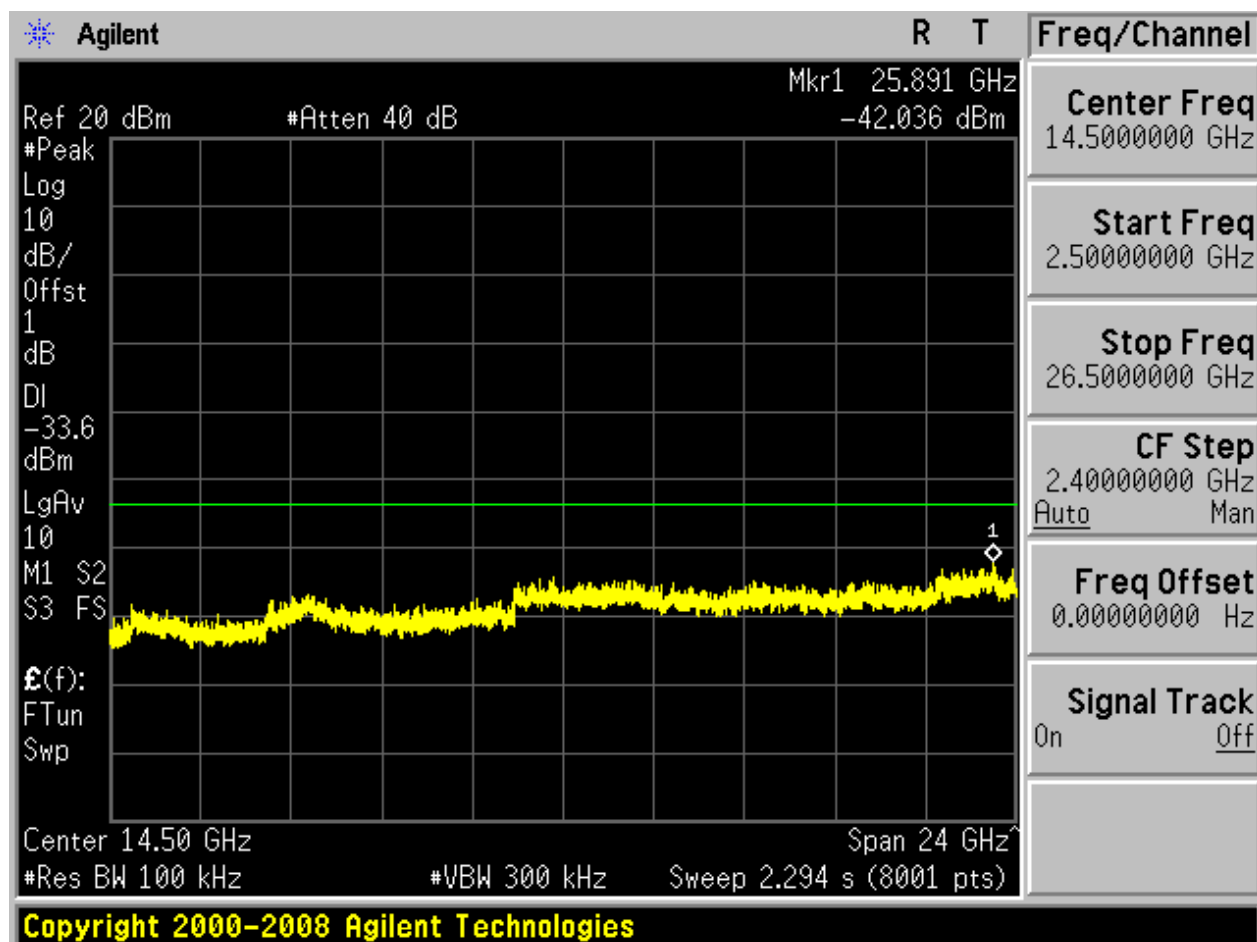








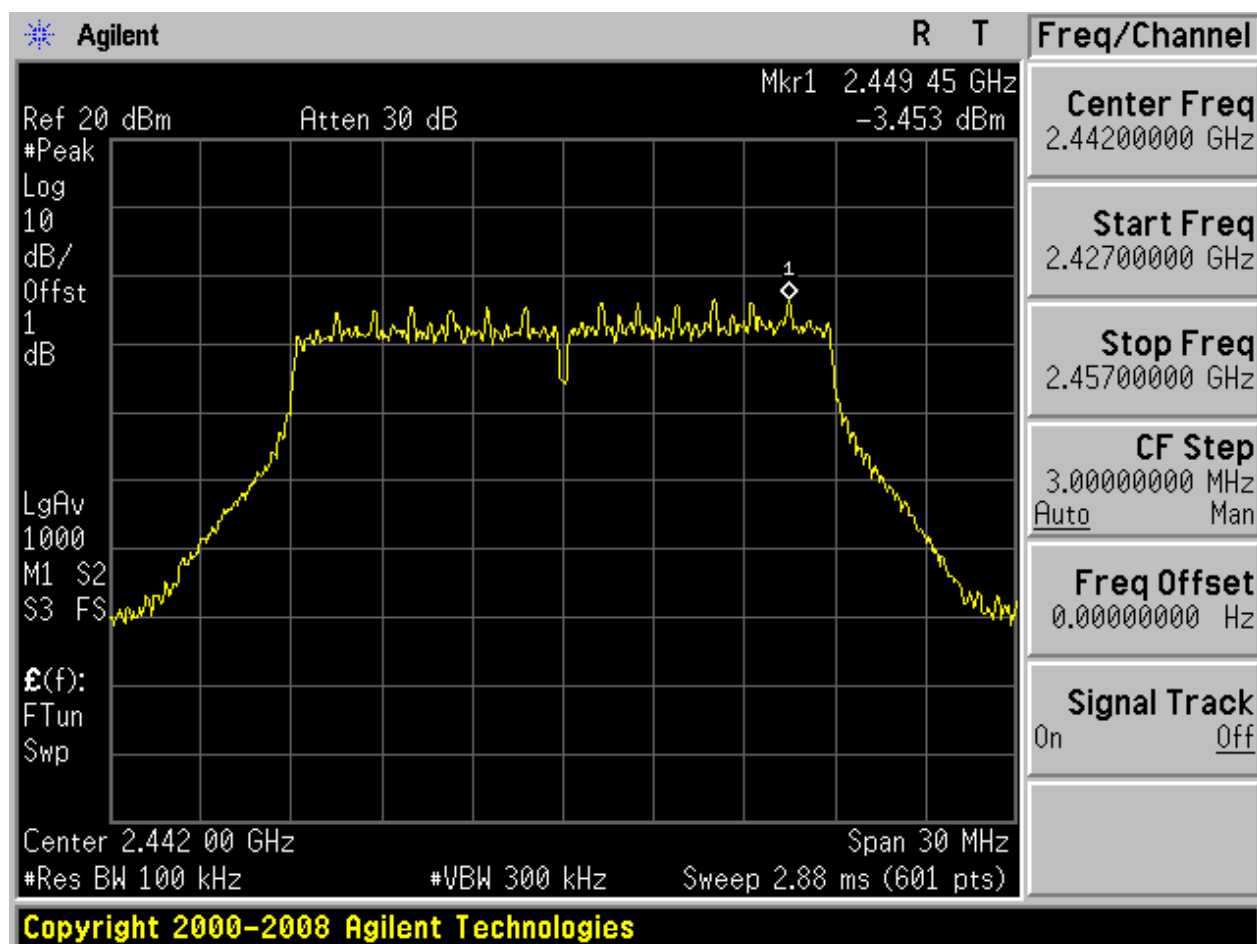






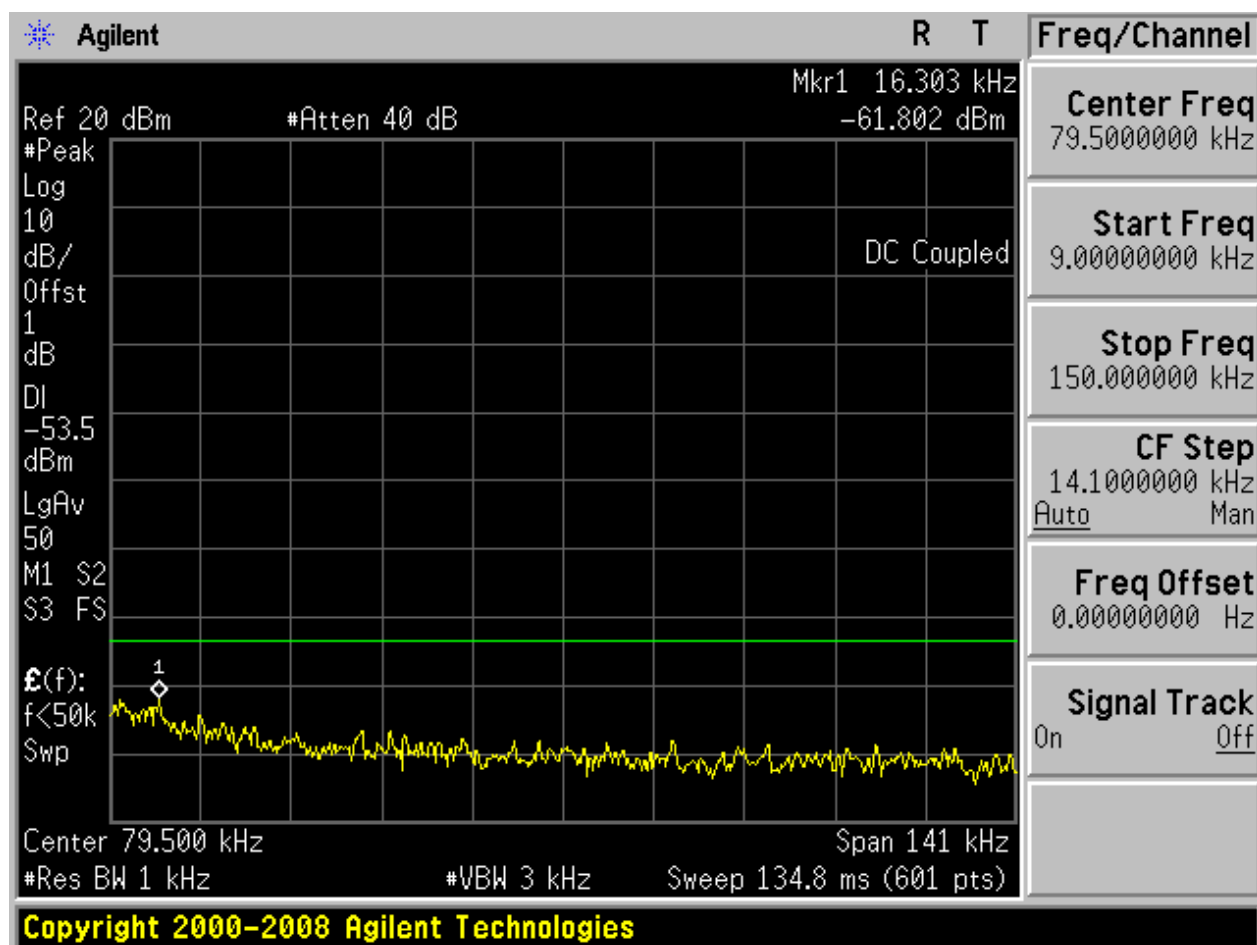
2.18 11N20m_H@Ant 2

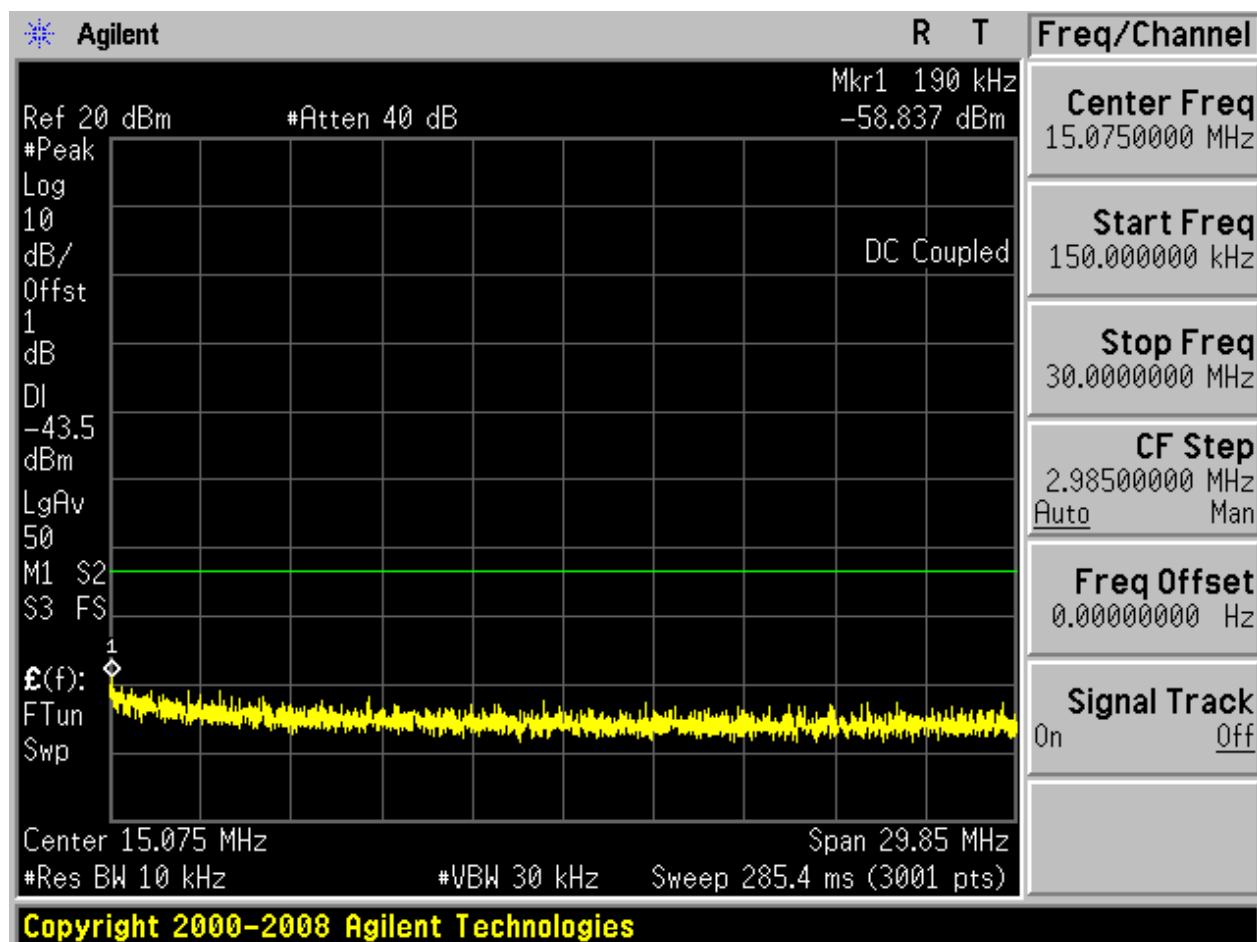
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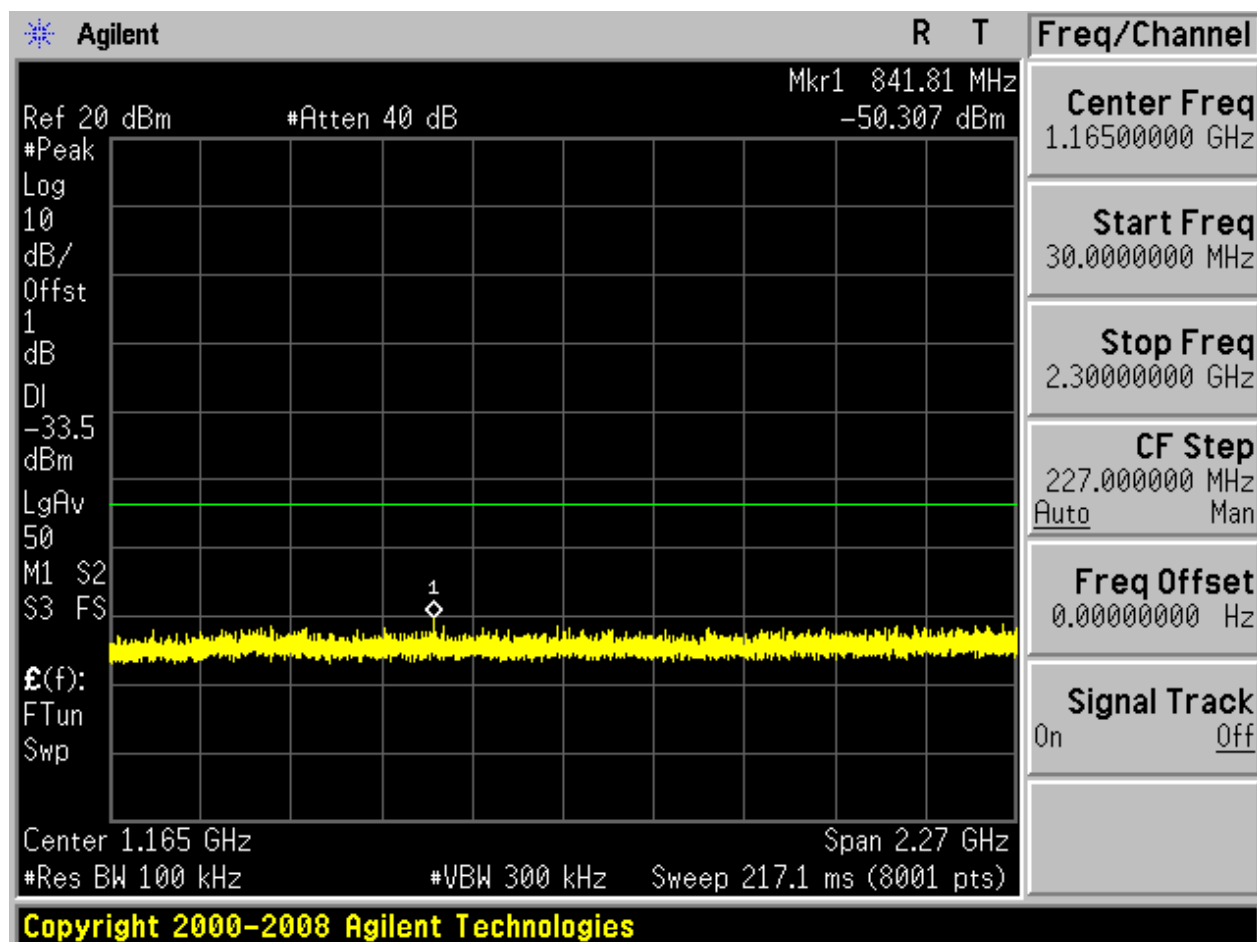


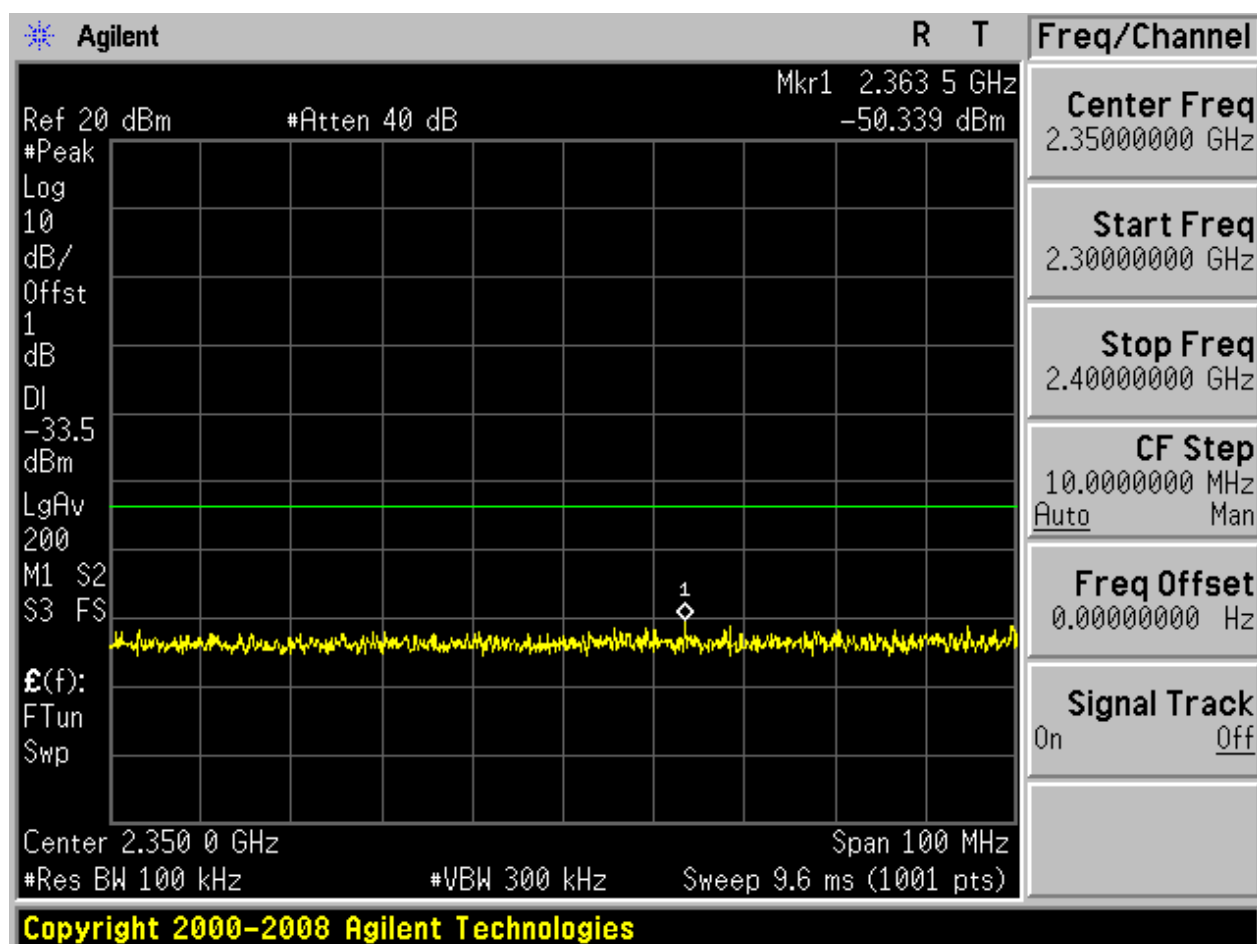


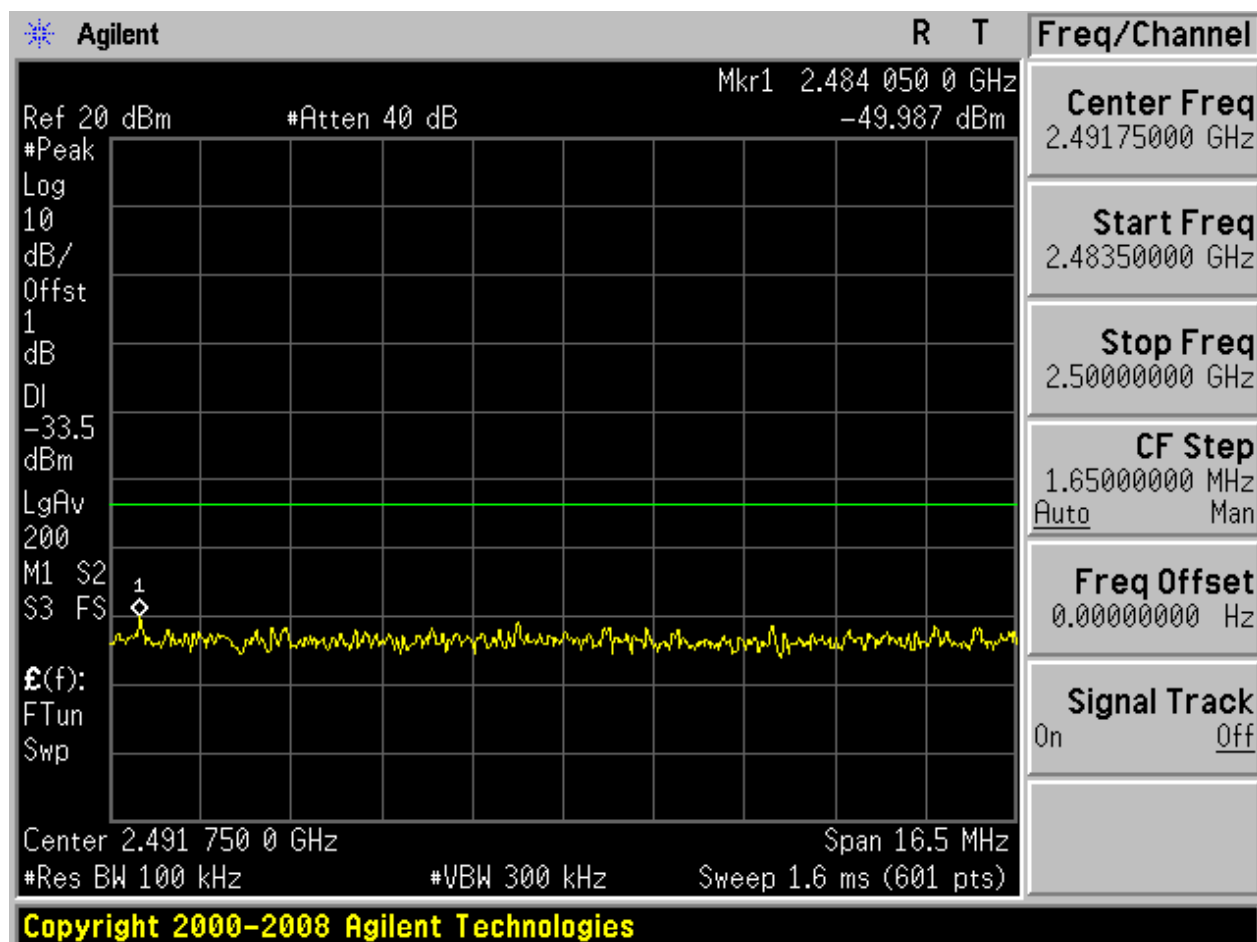
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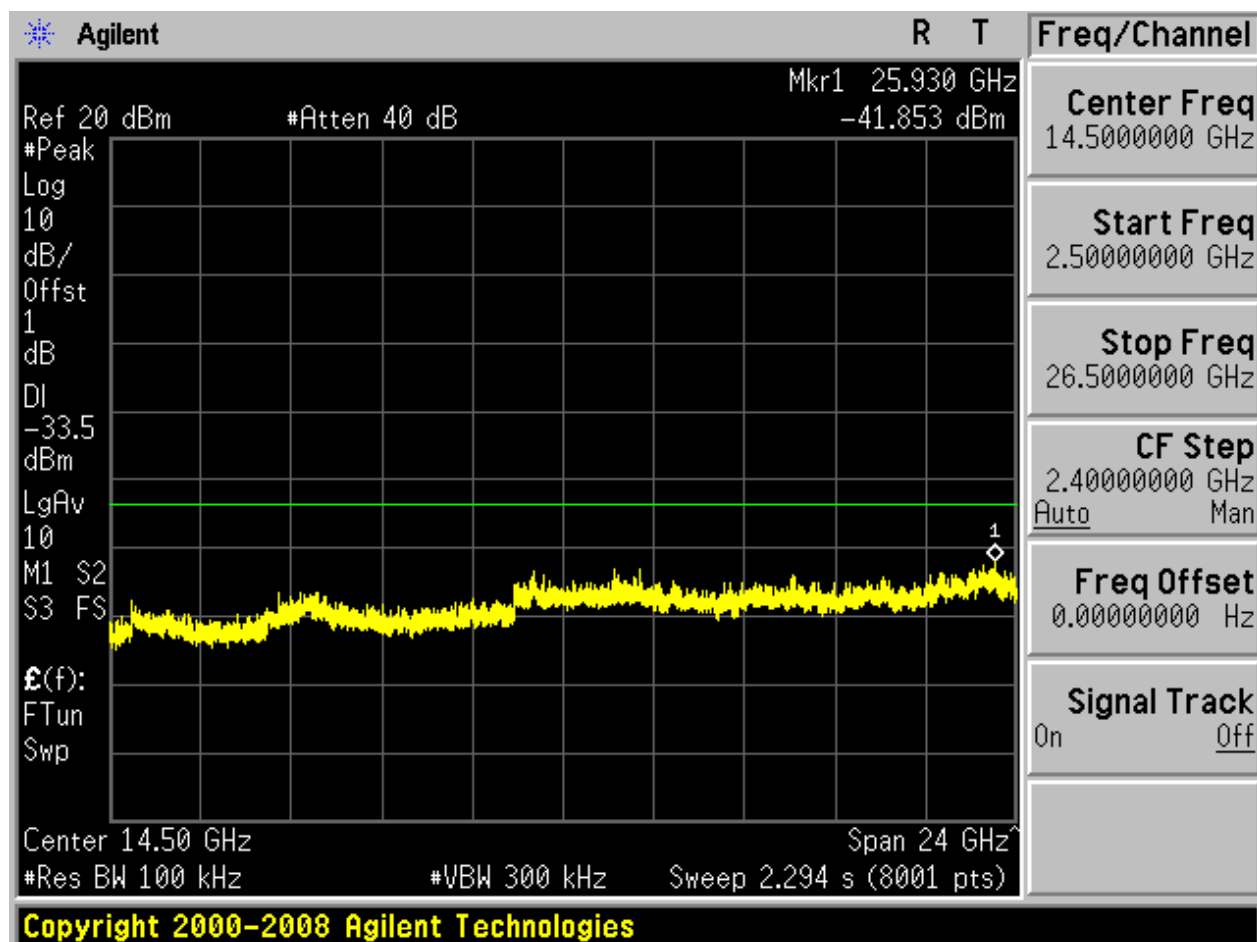








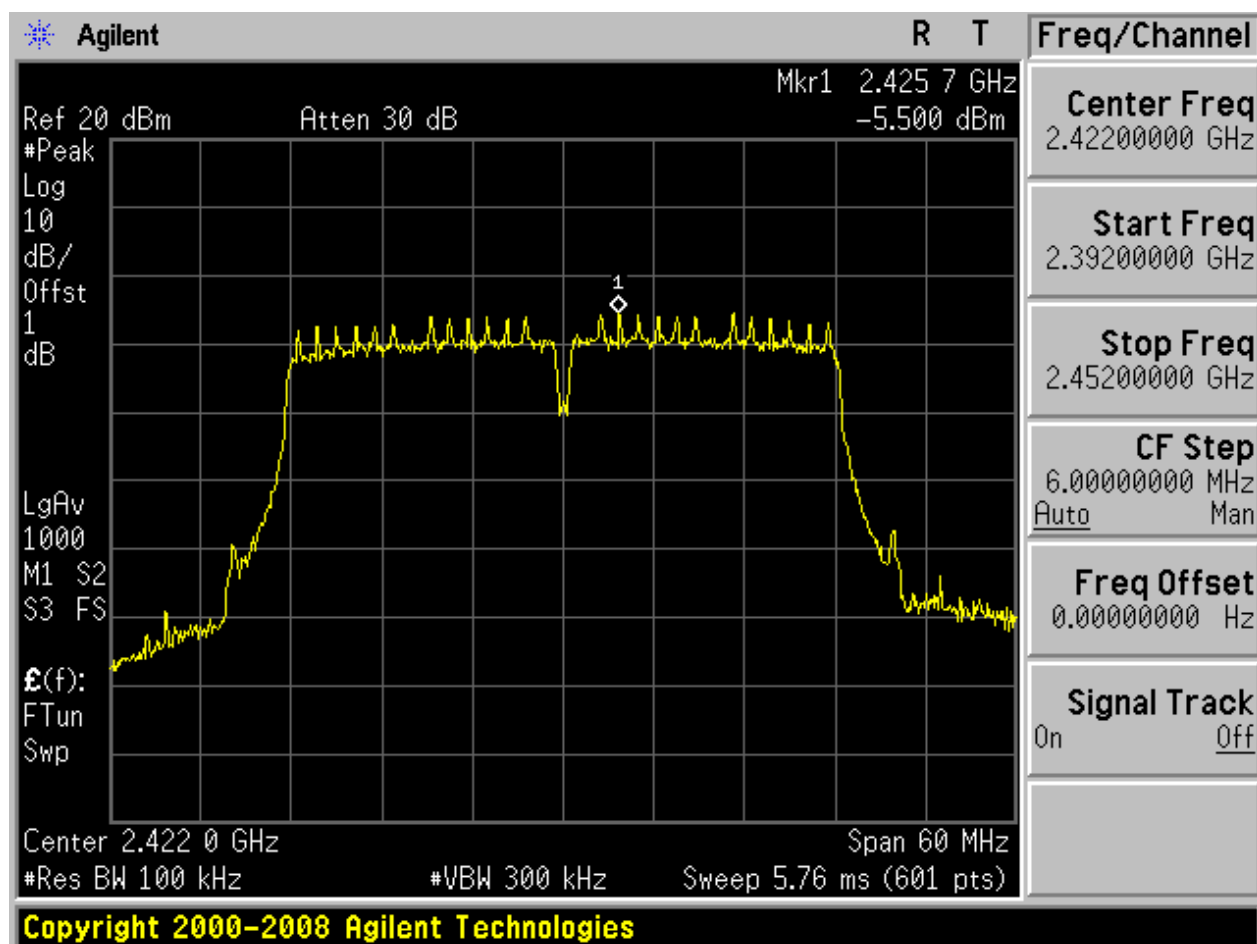






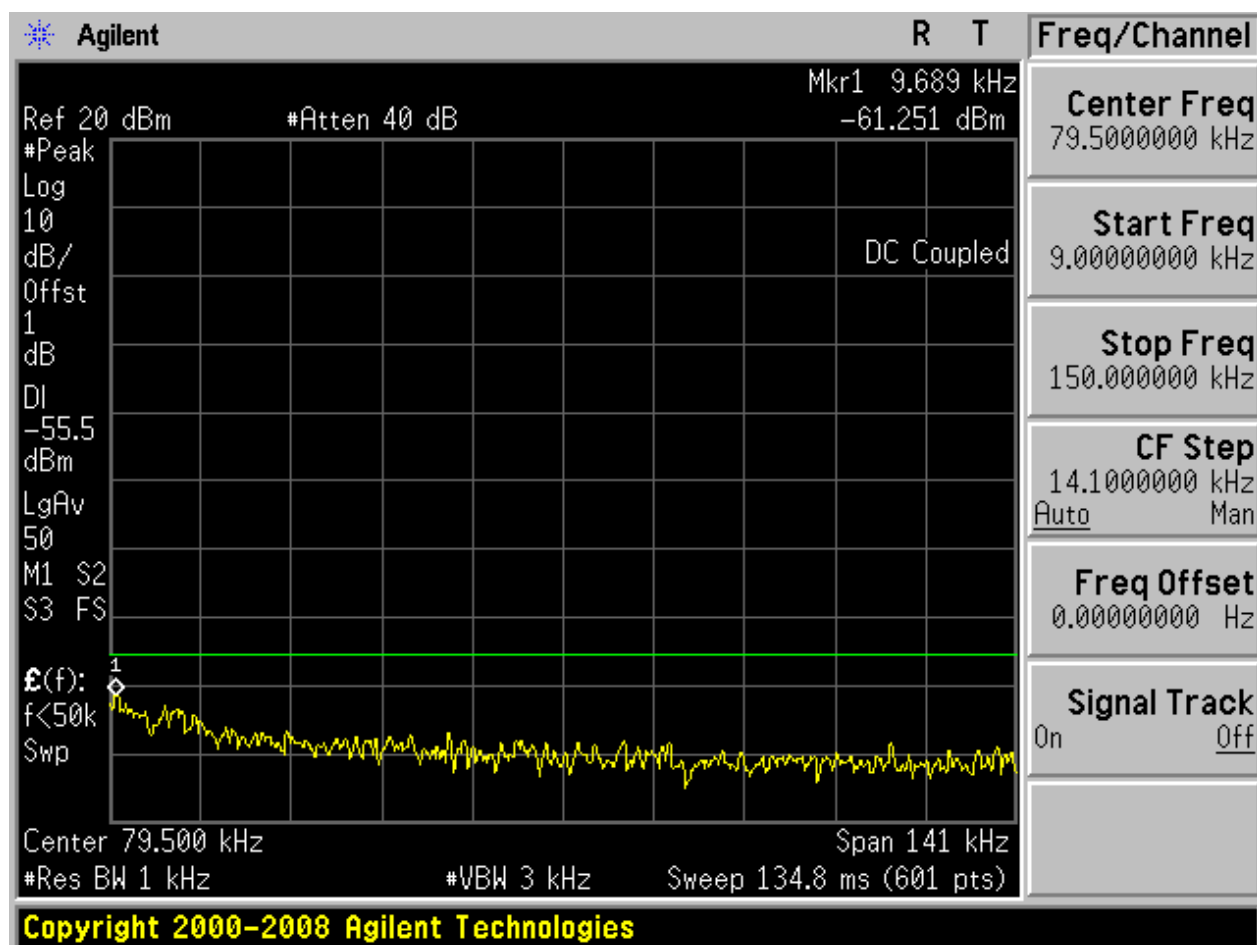
2.19 11N40_L@Ant 1

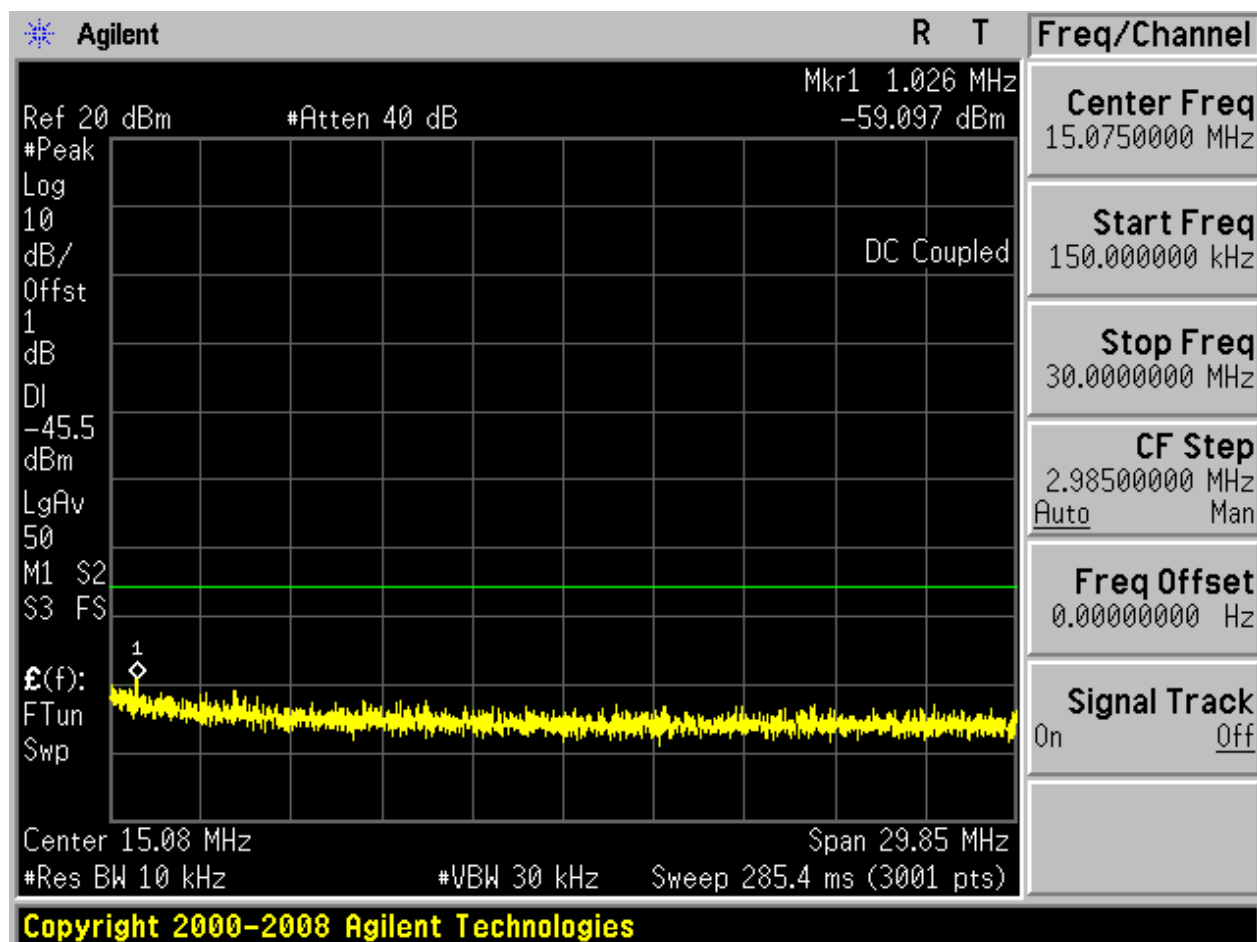
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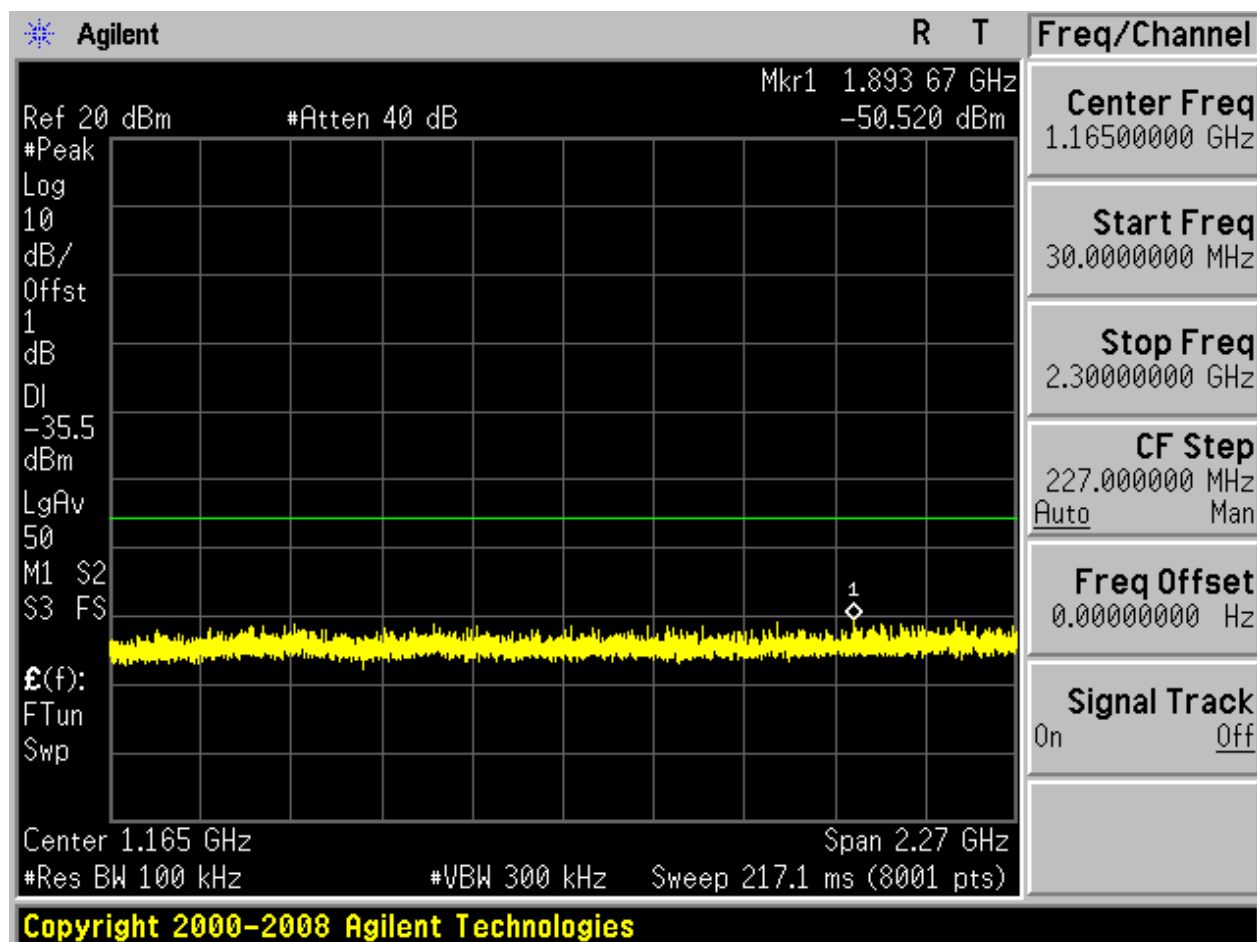


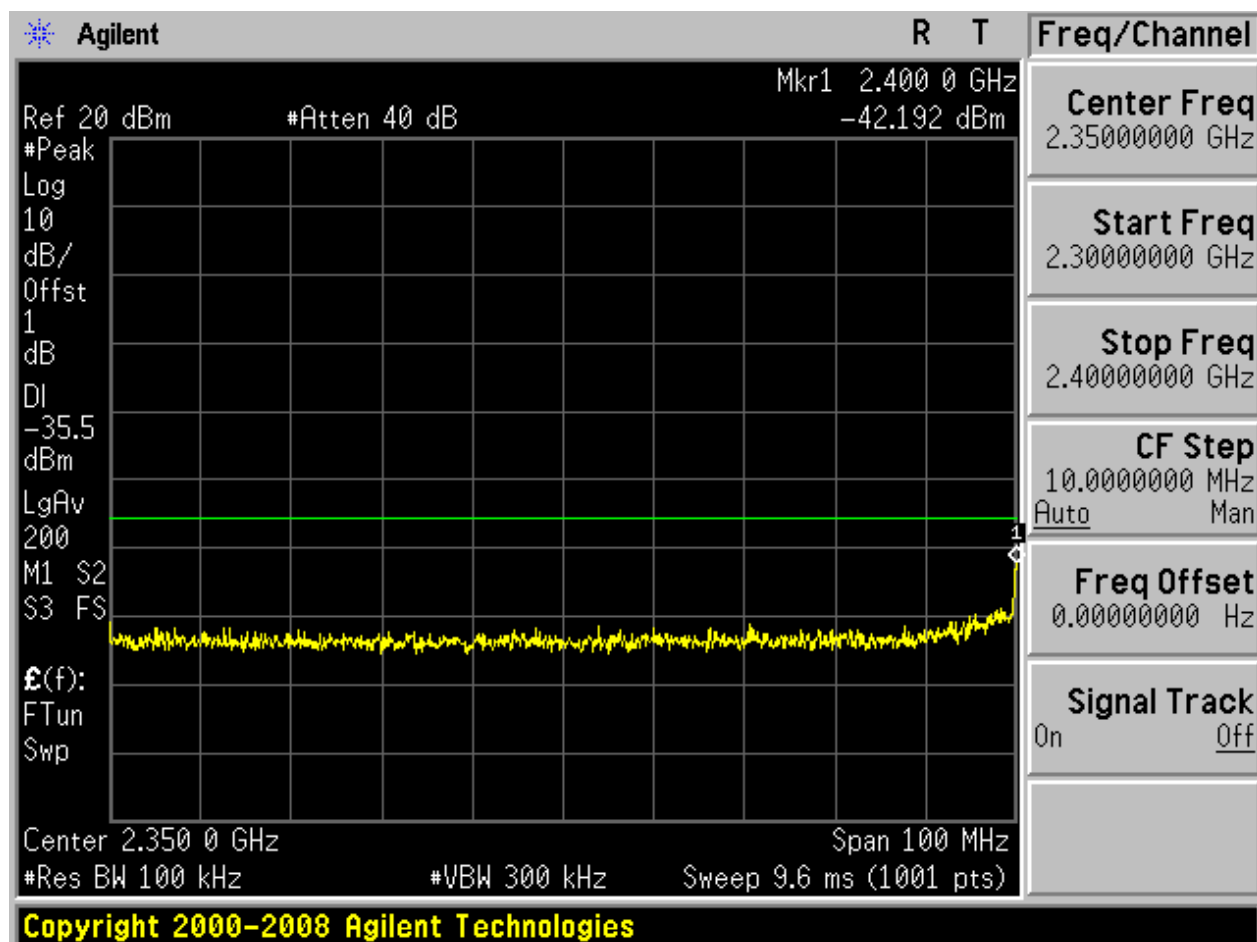


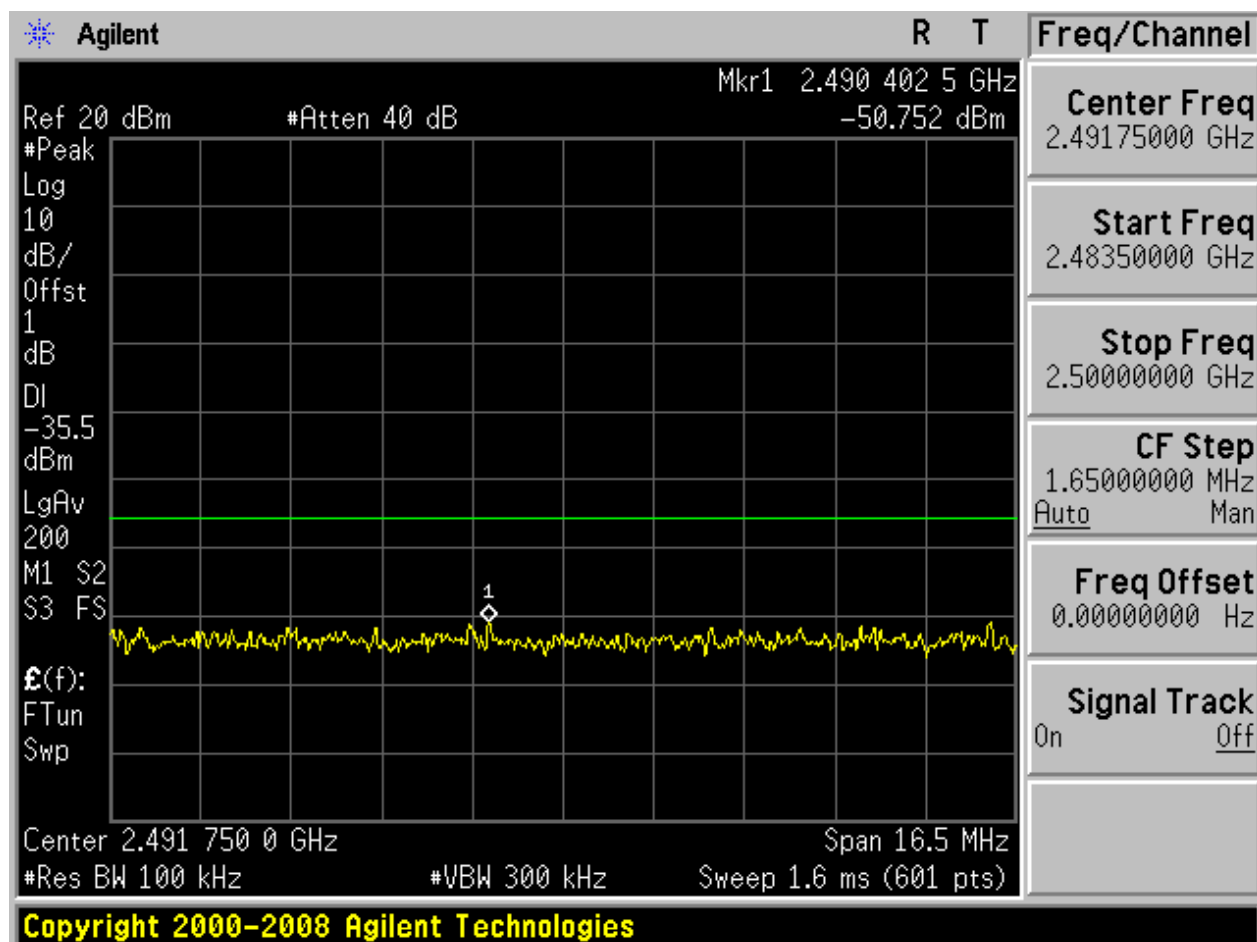
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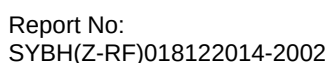








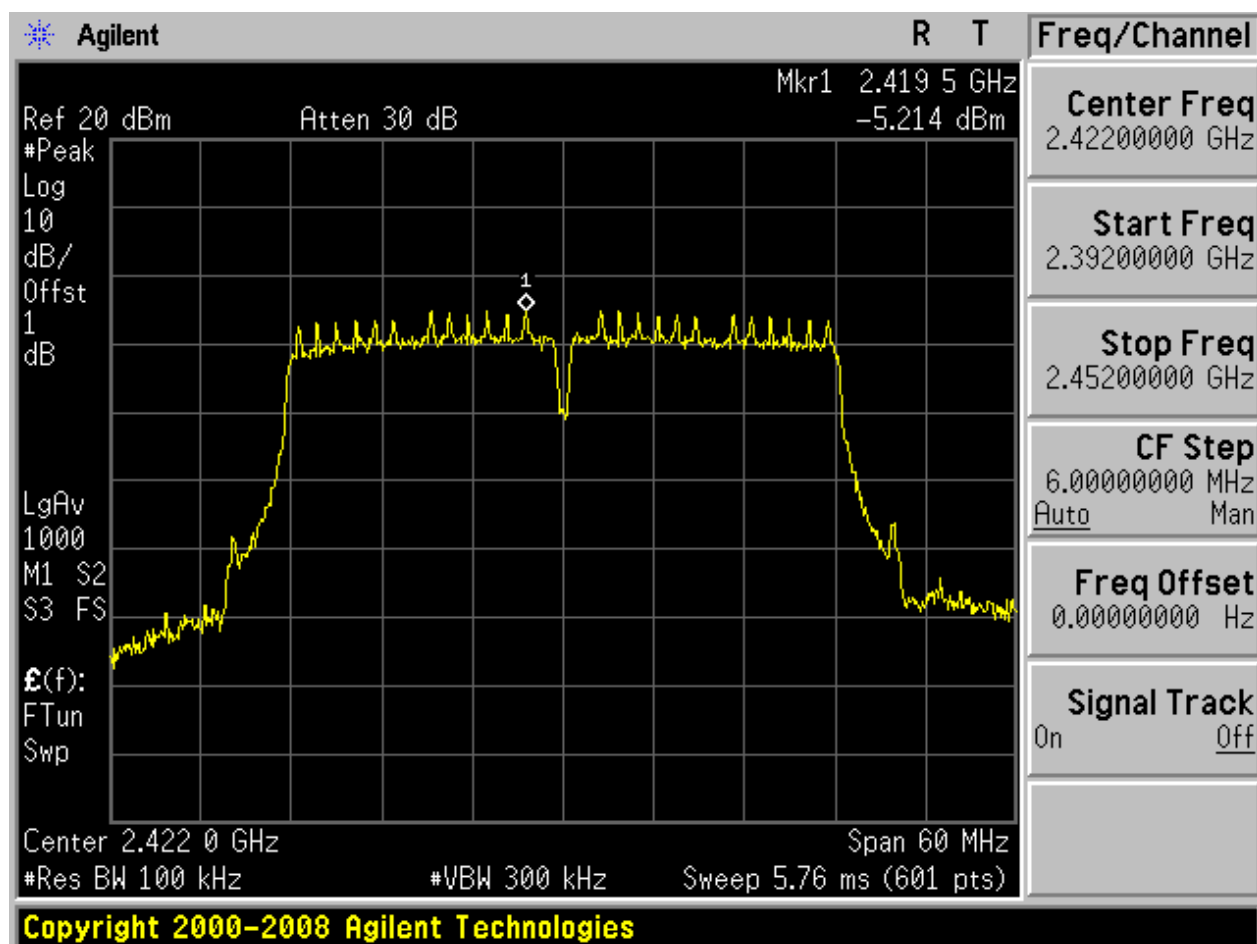






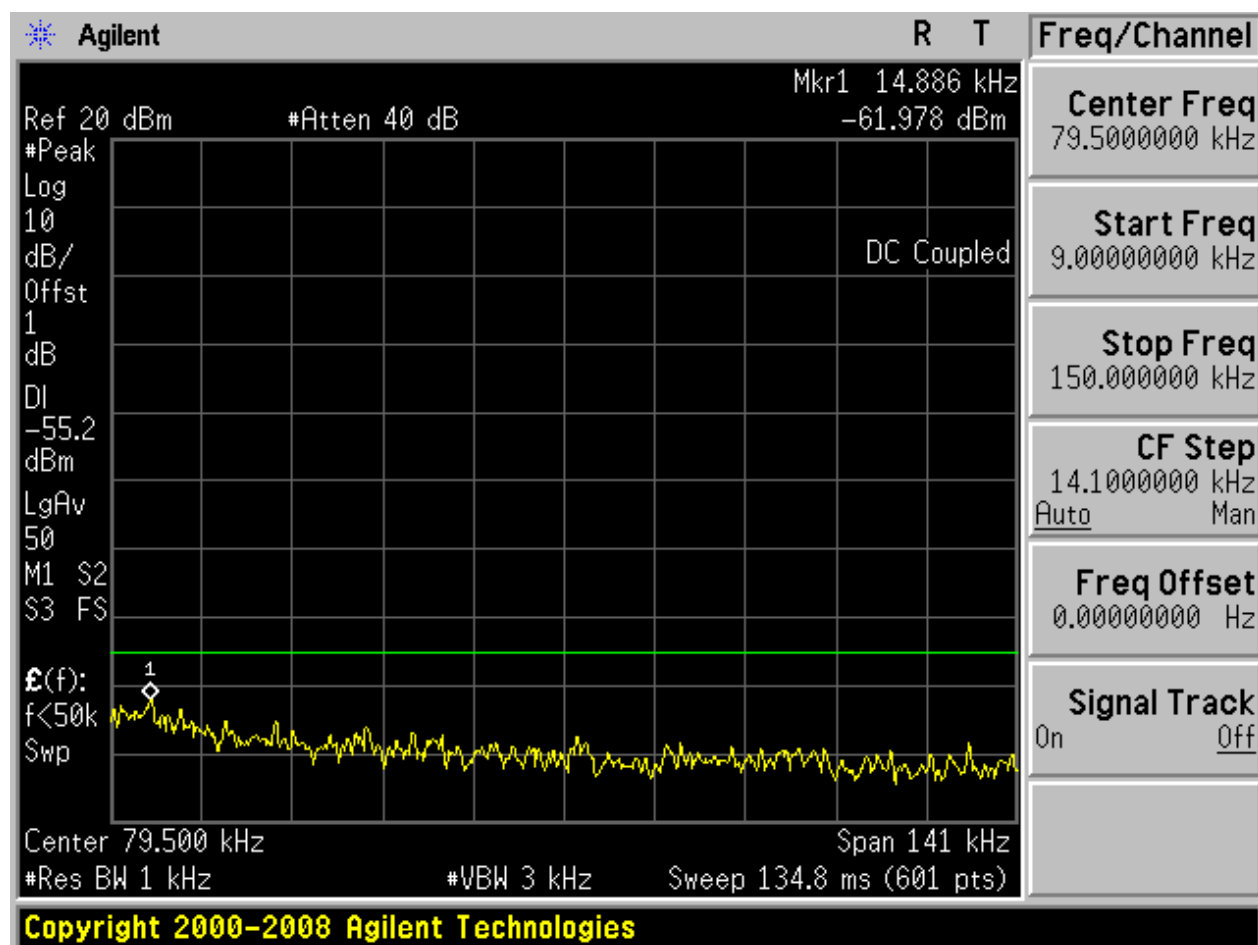
2.20 11N40_L@Ant 2

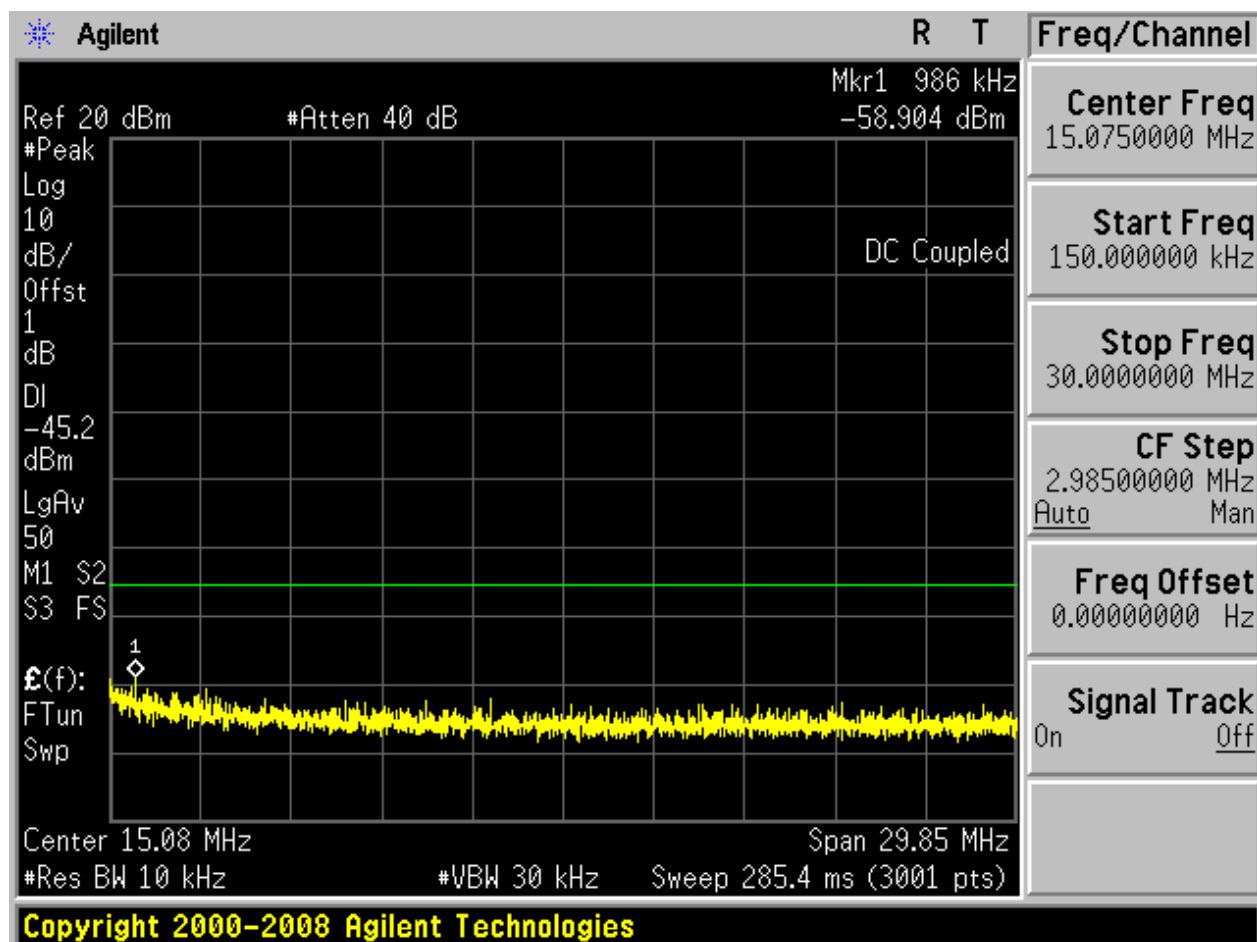
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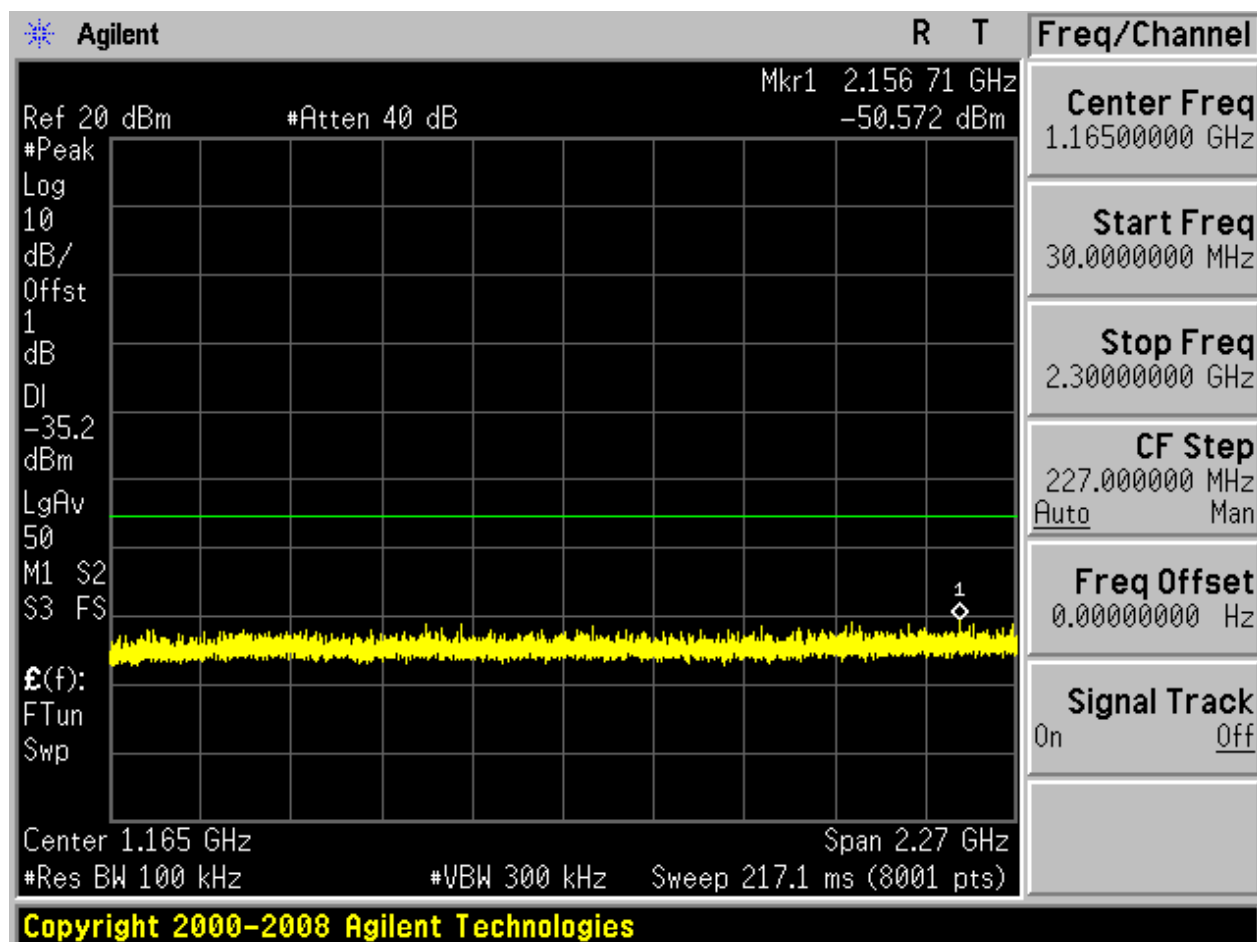


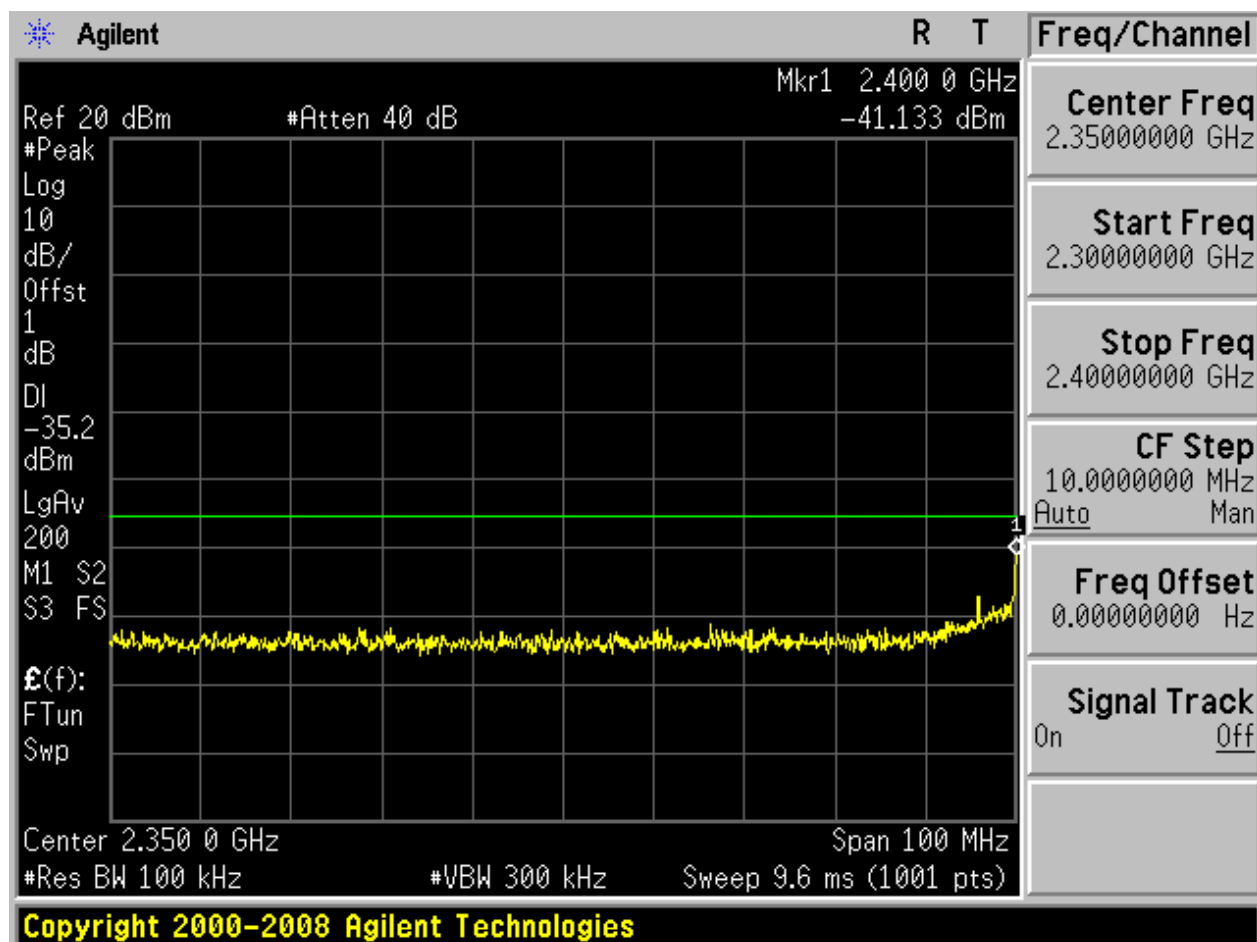


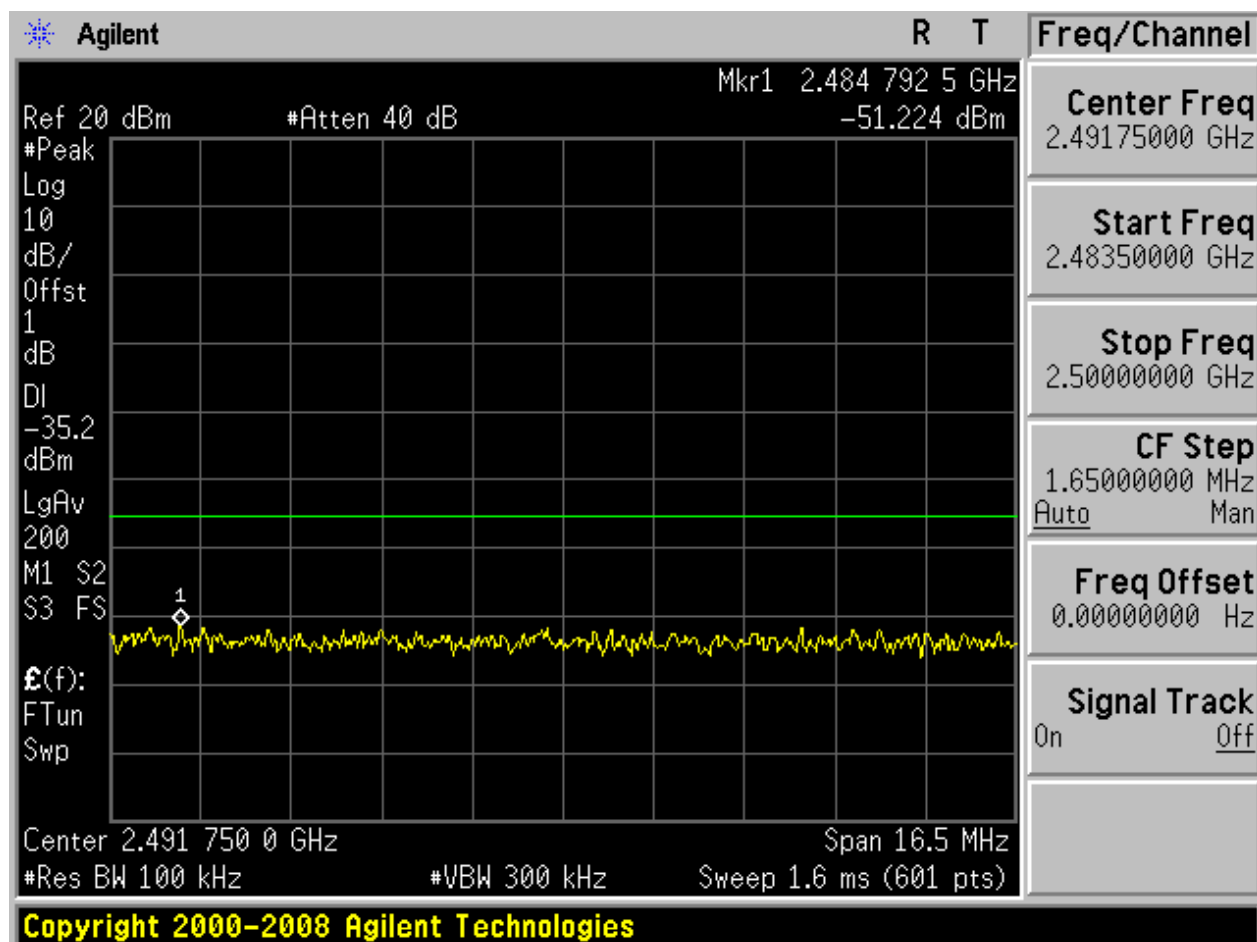
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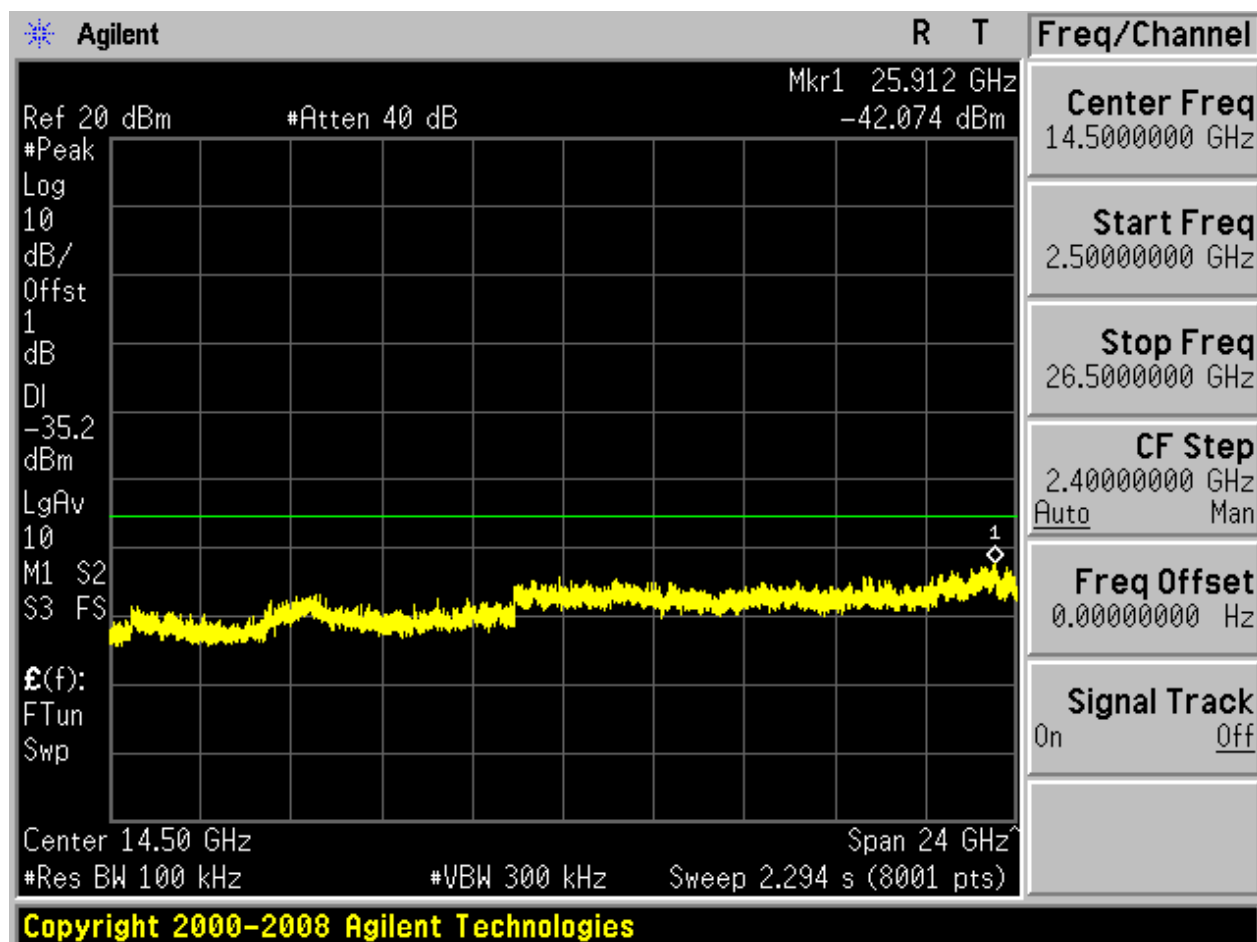






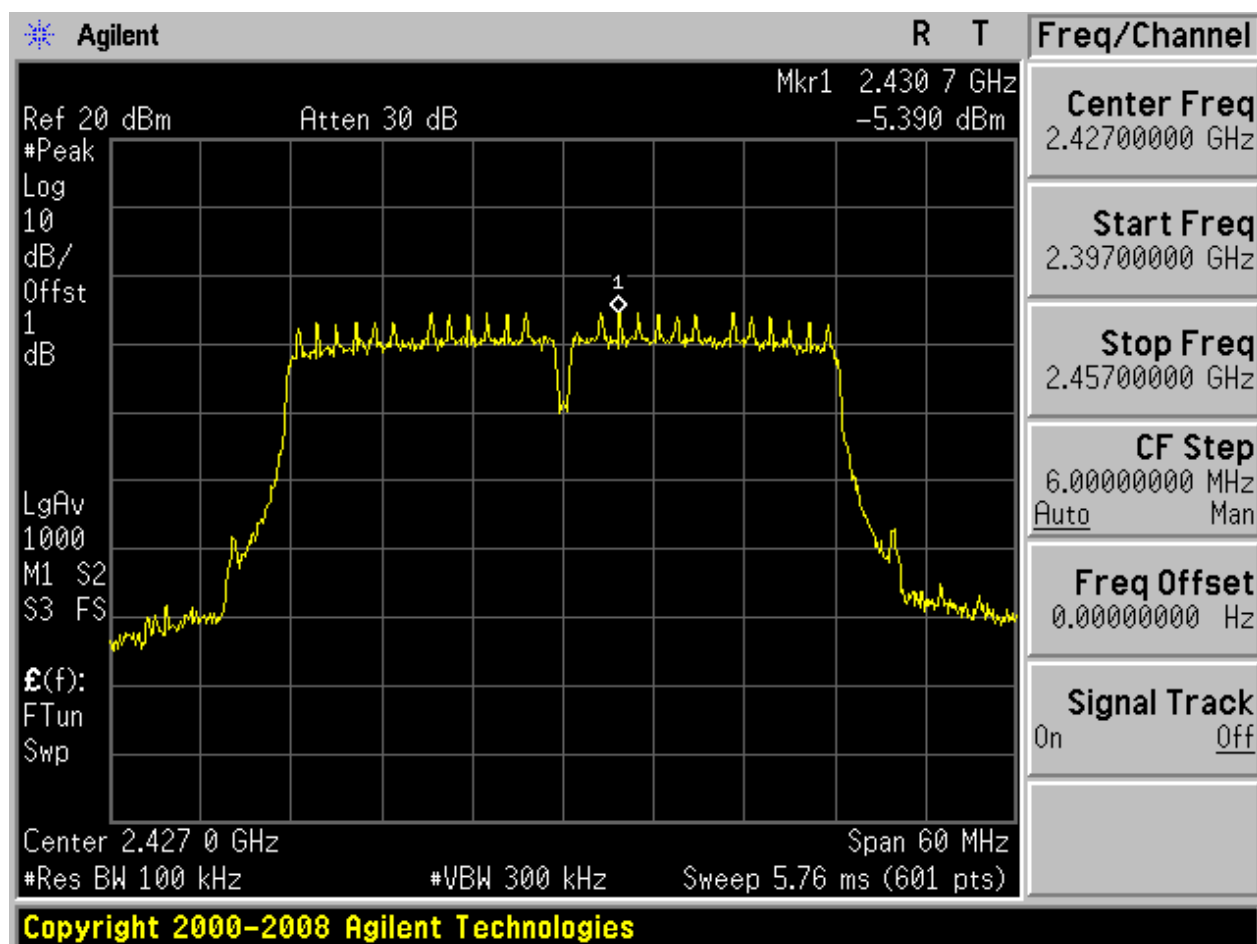




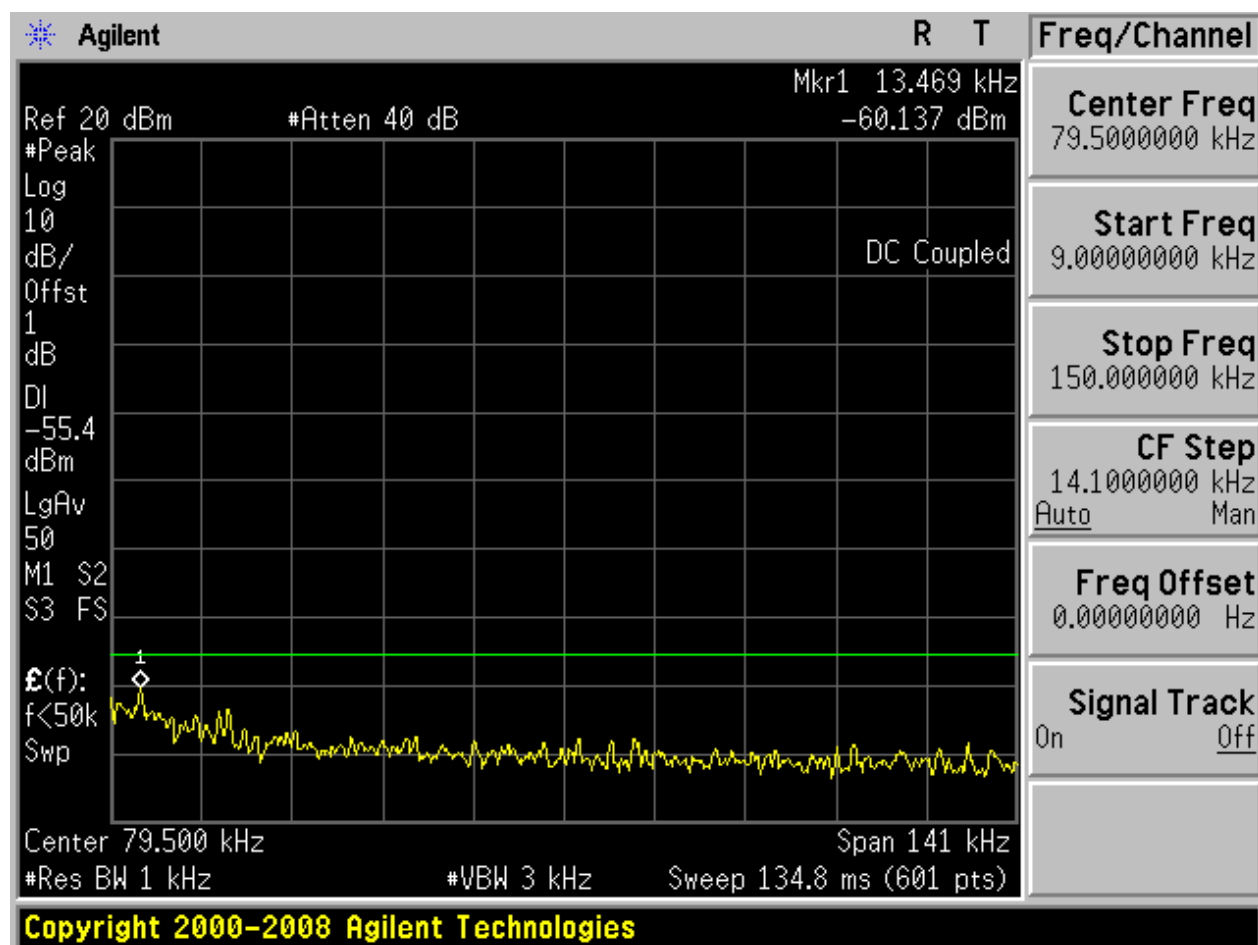


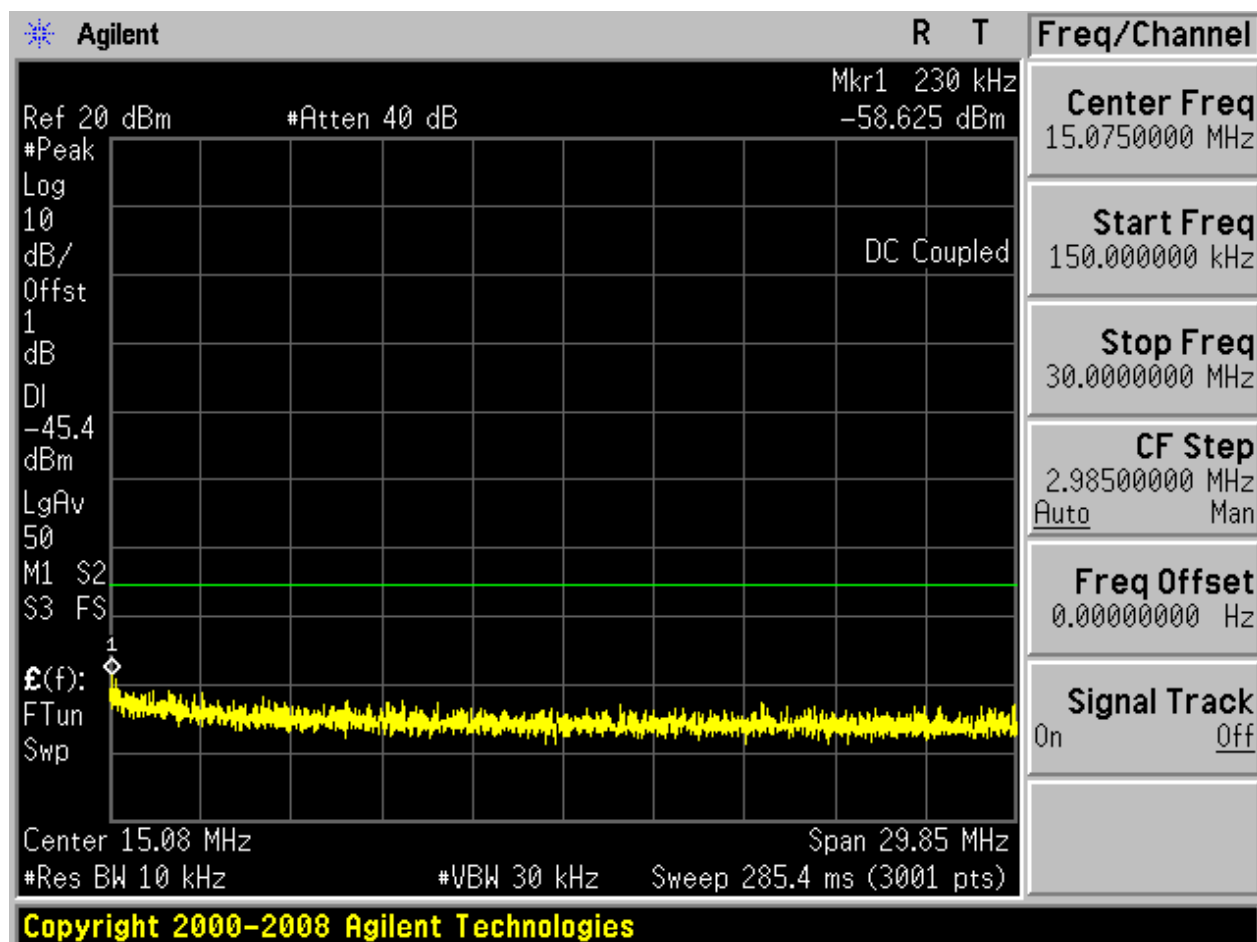
2.21 11N40_M@Ant 1

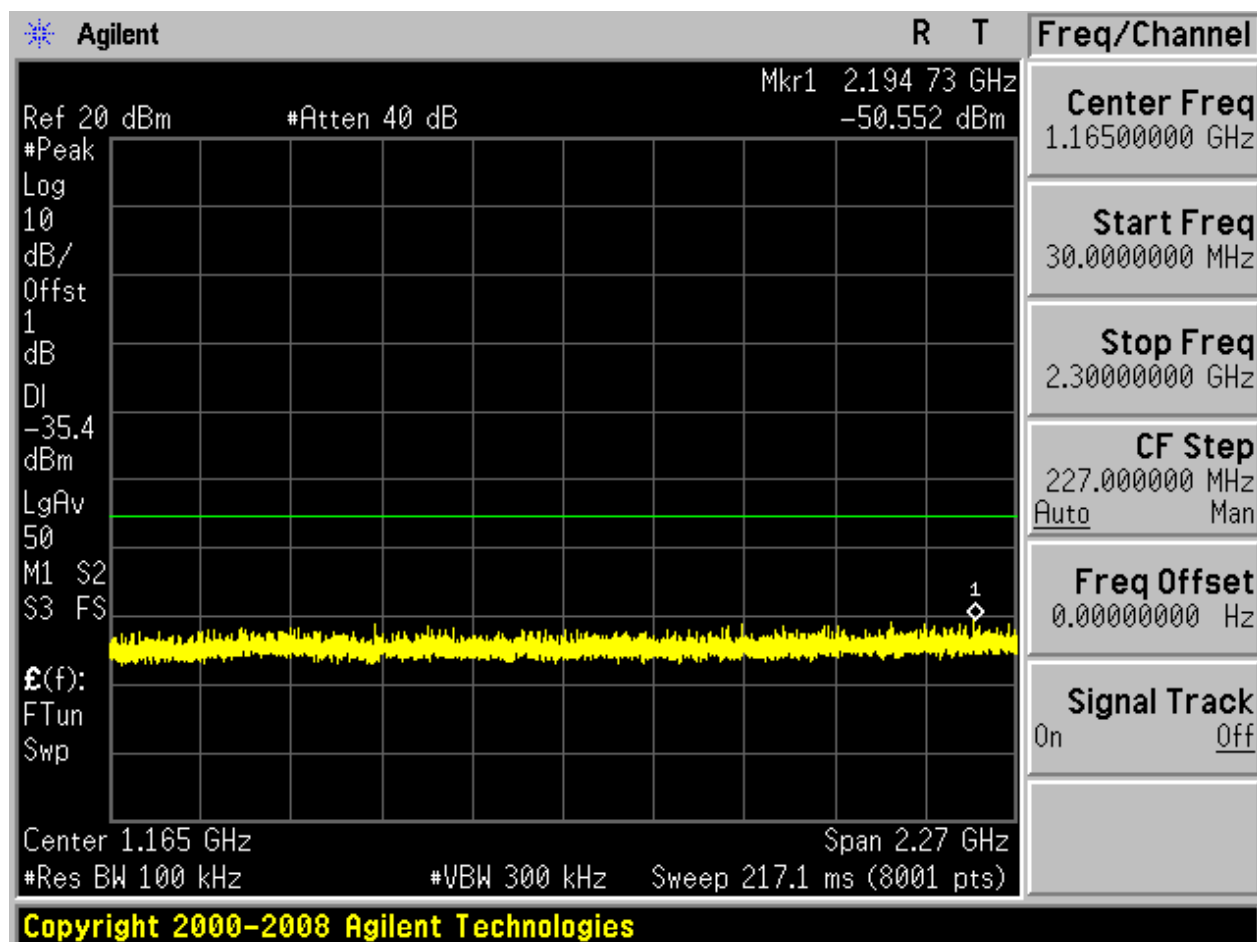
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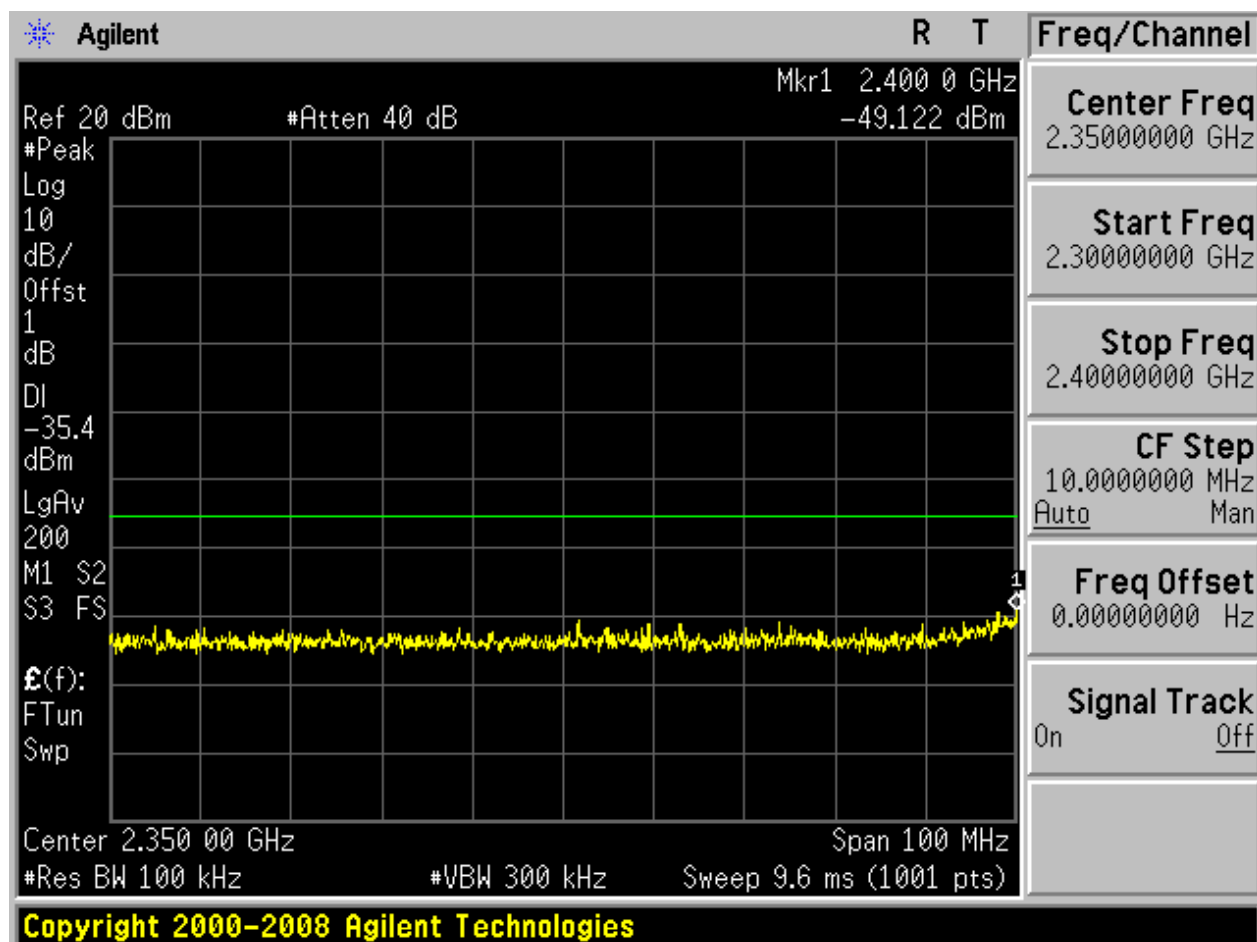


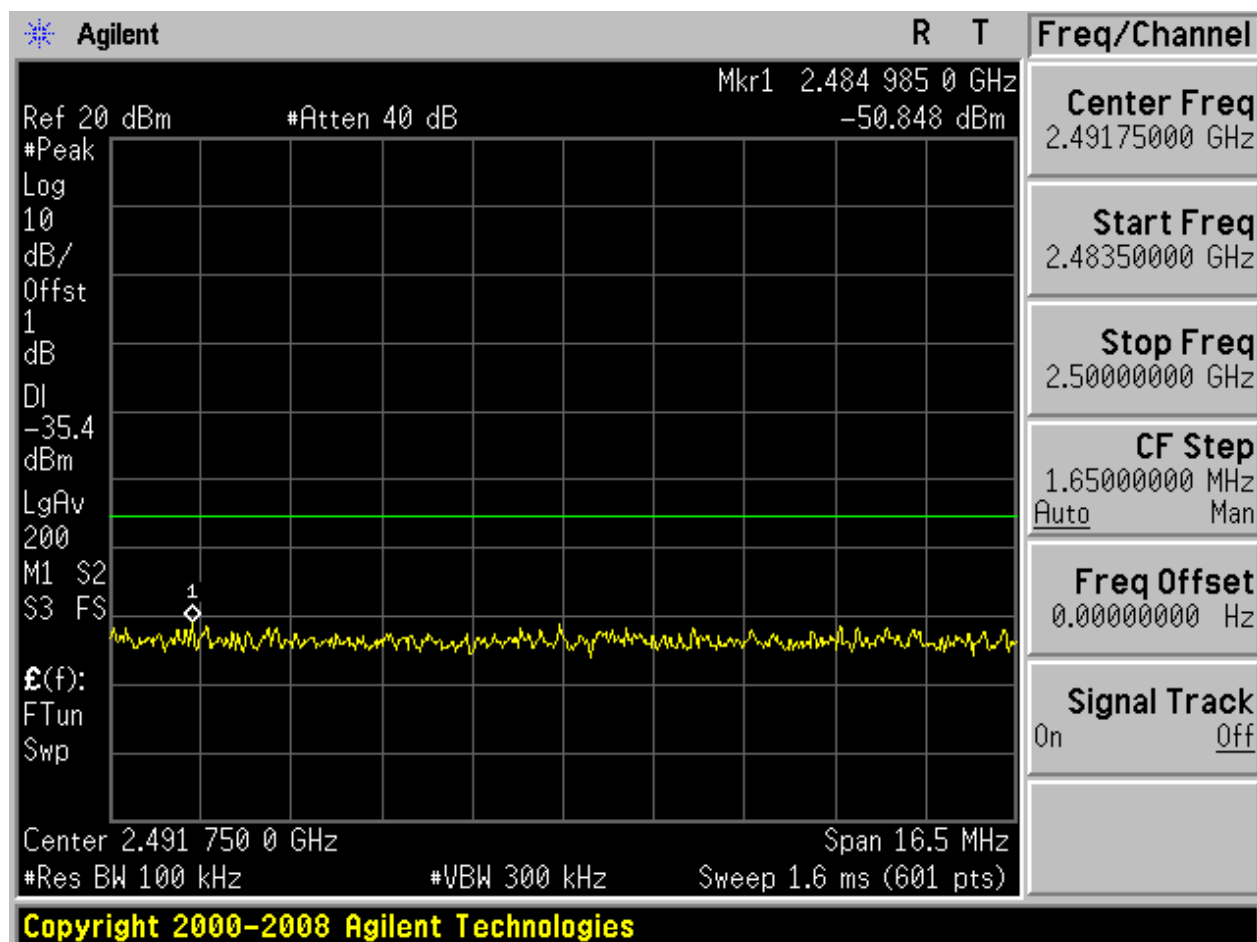
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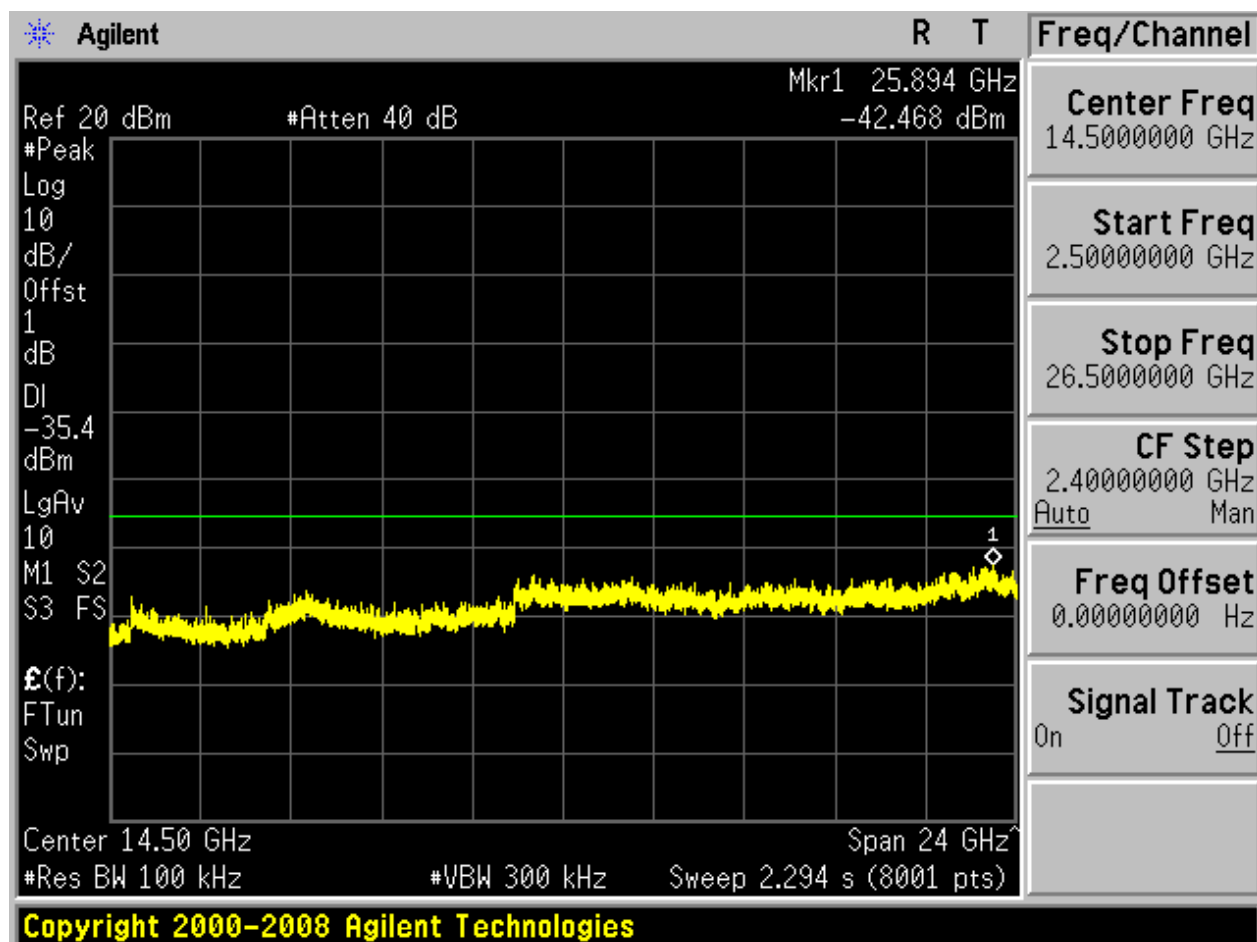








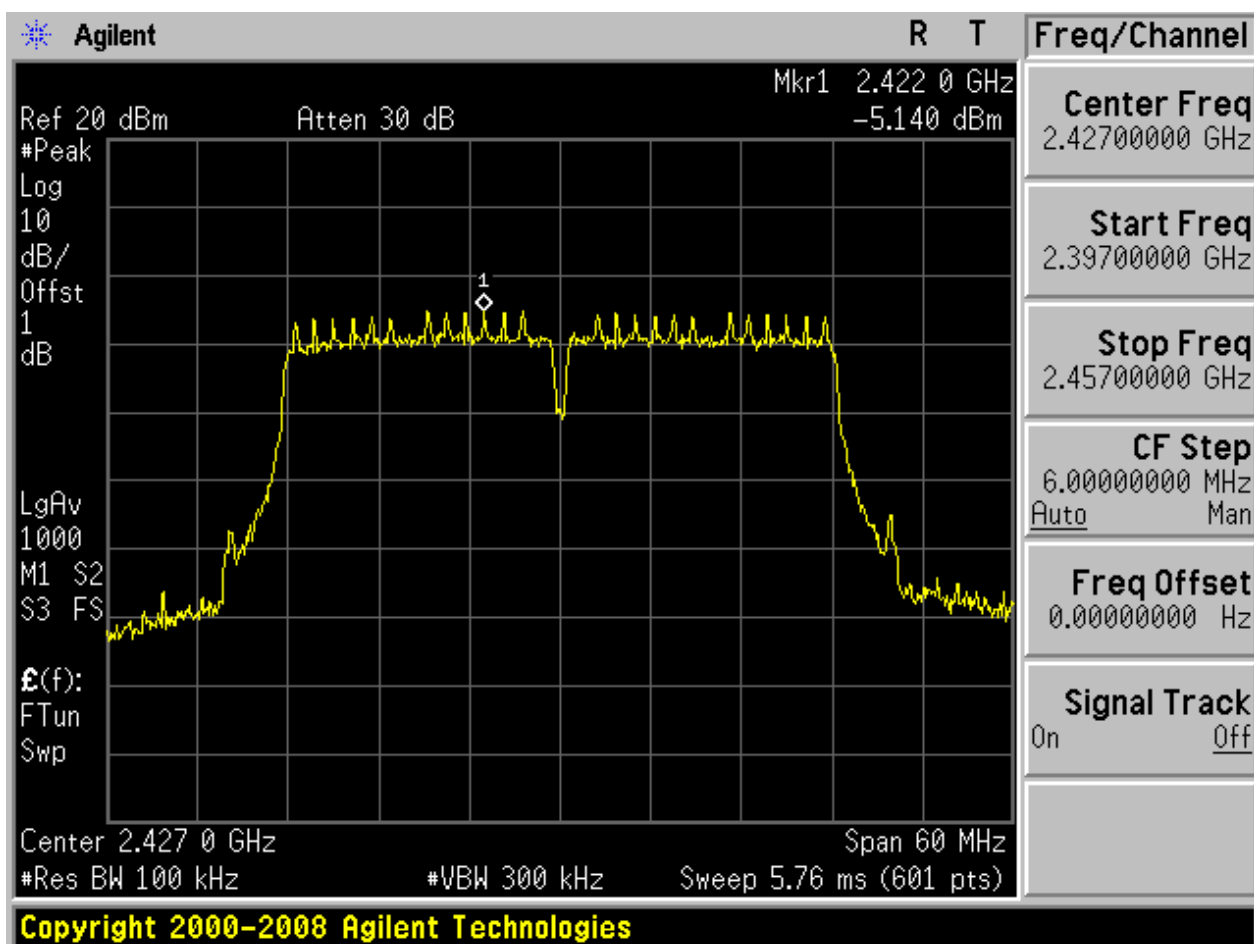






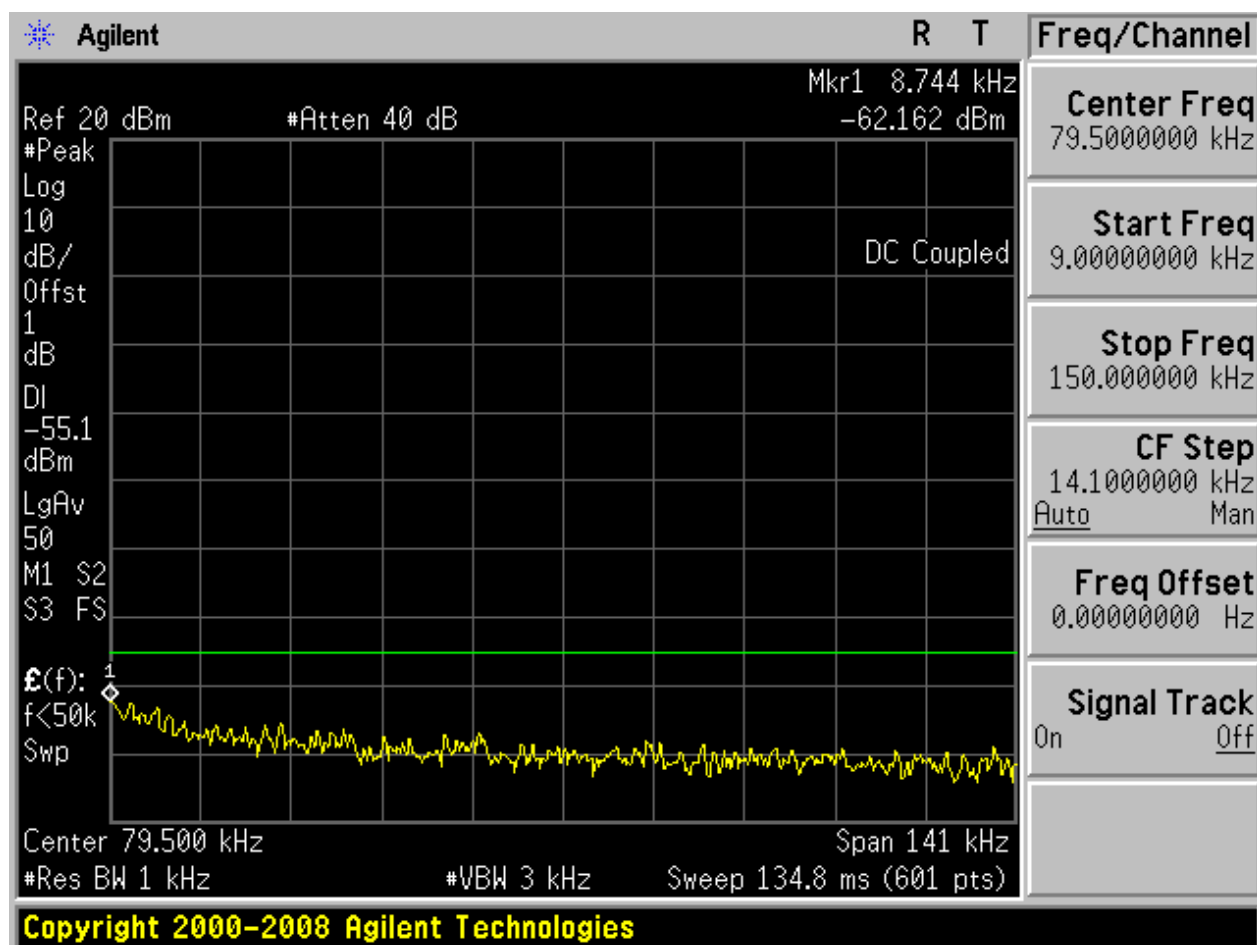
2.22 11N40_M@Ant 2

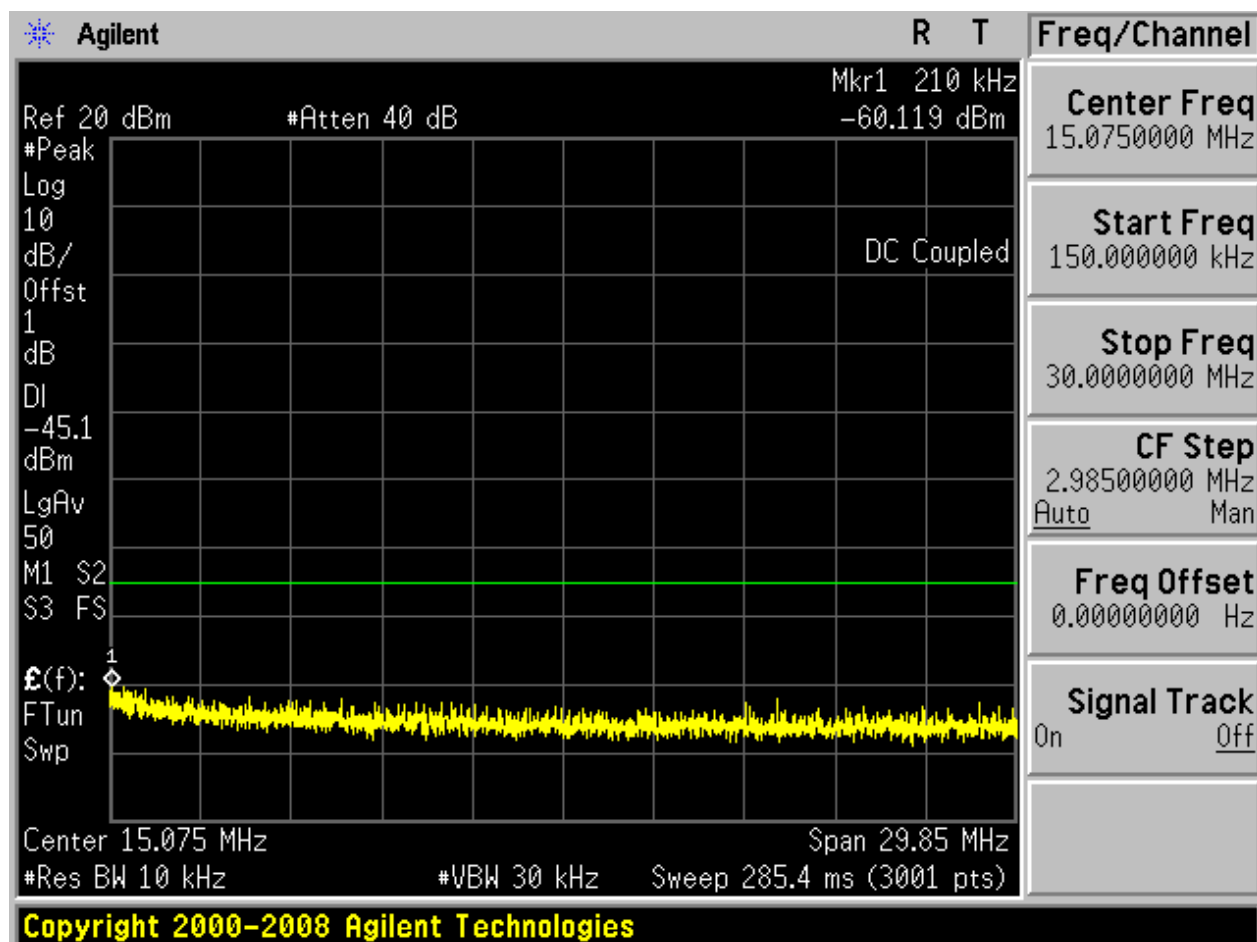
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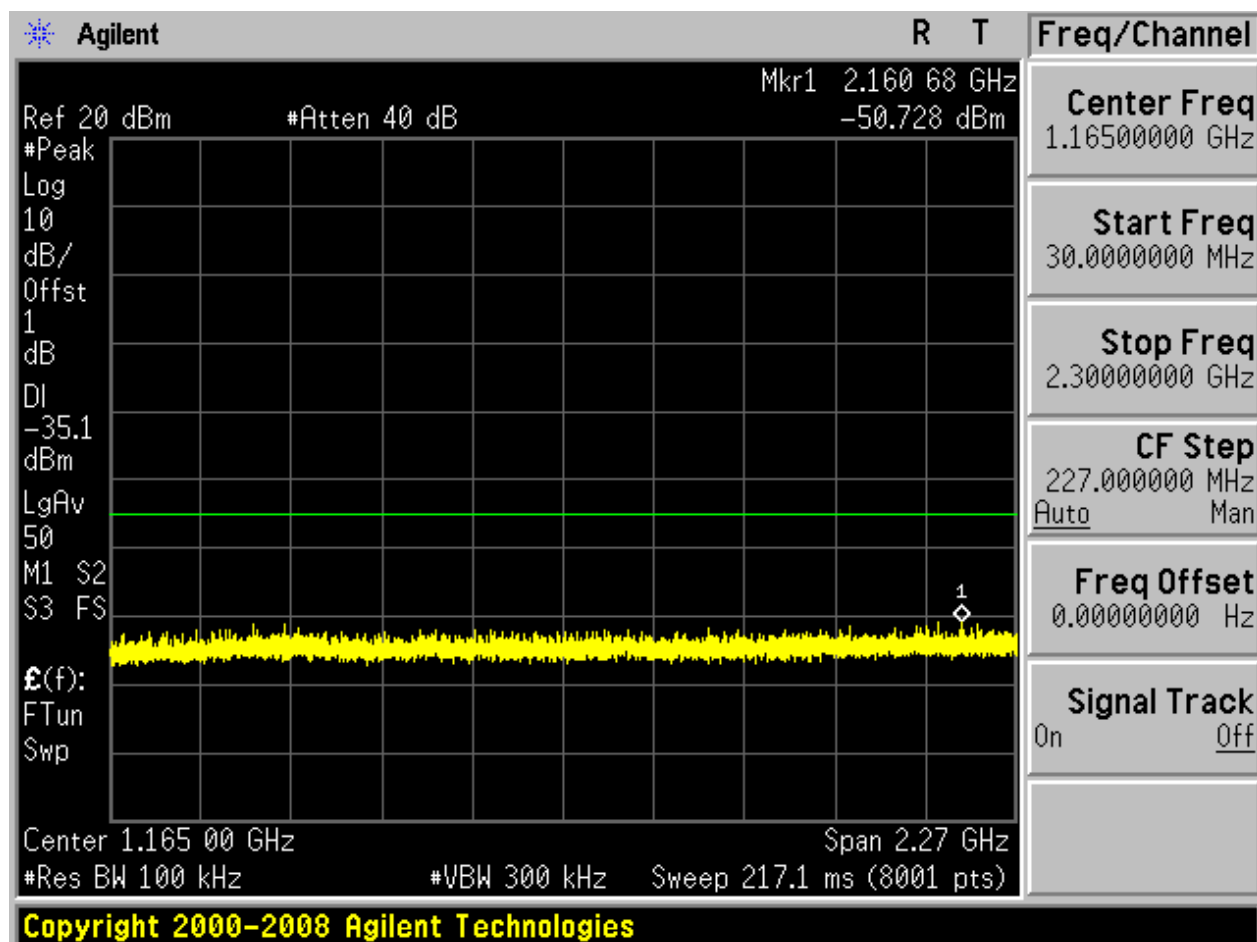


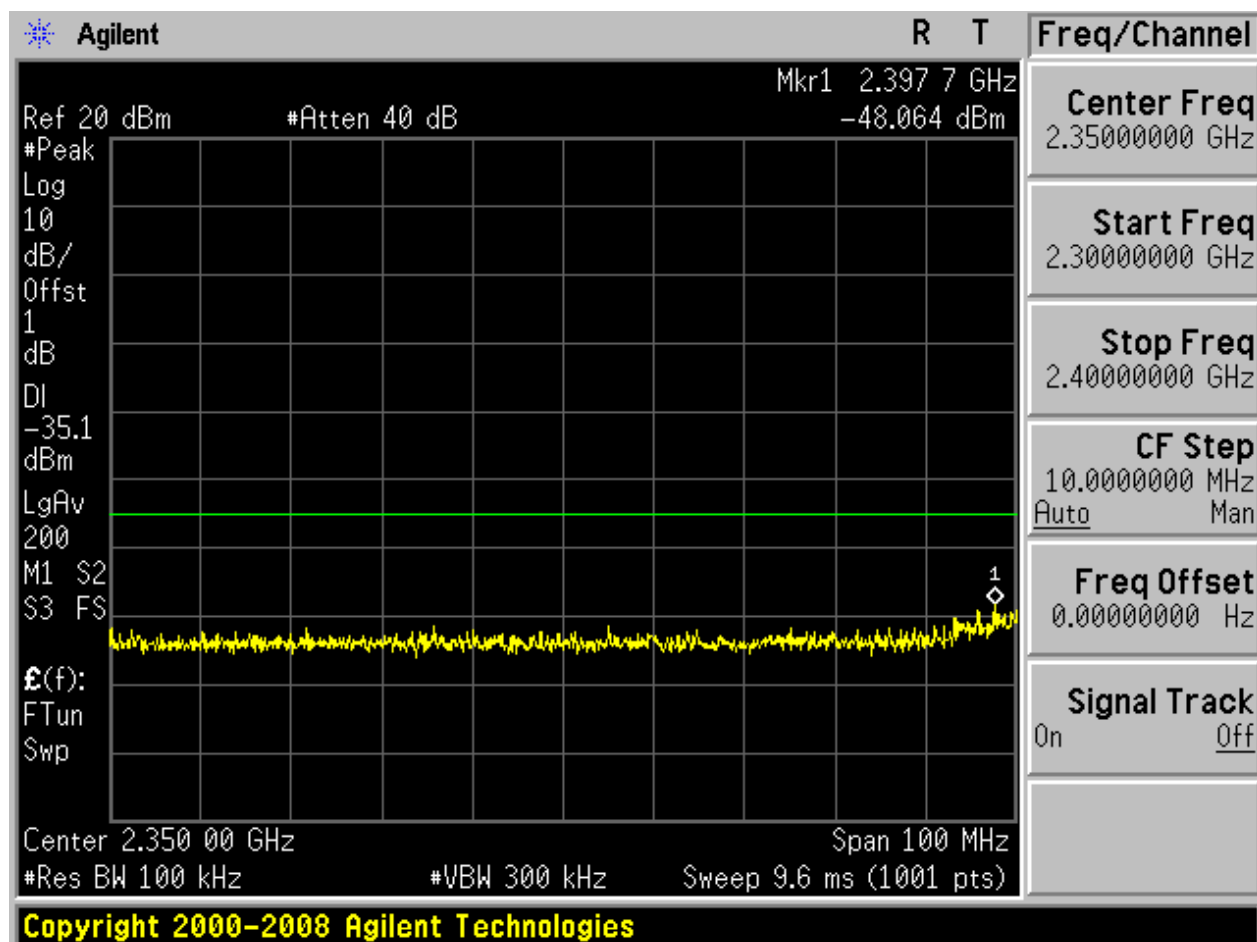


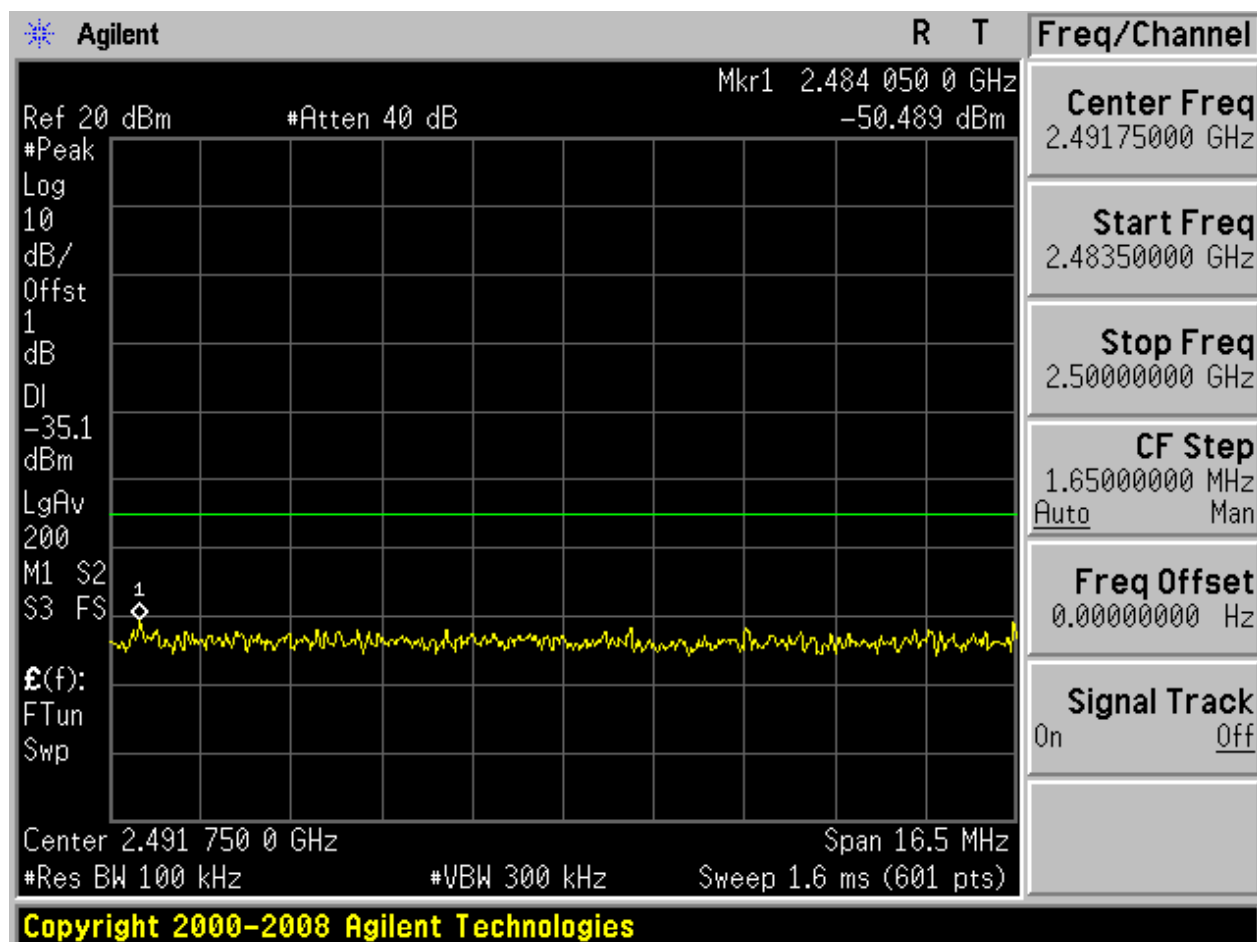
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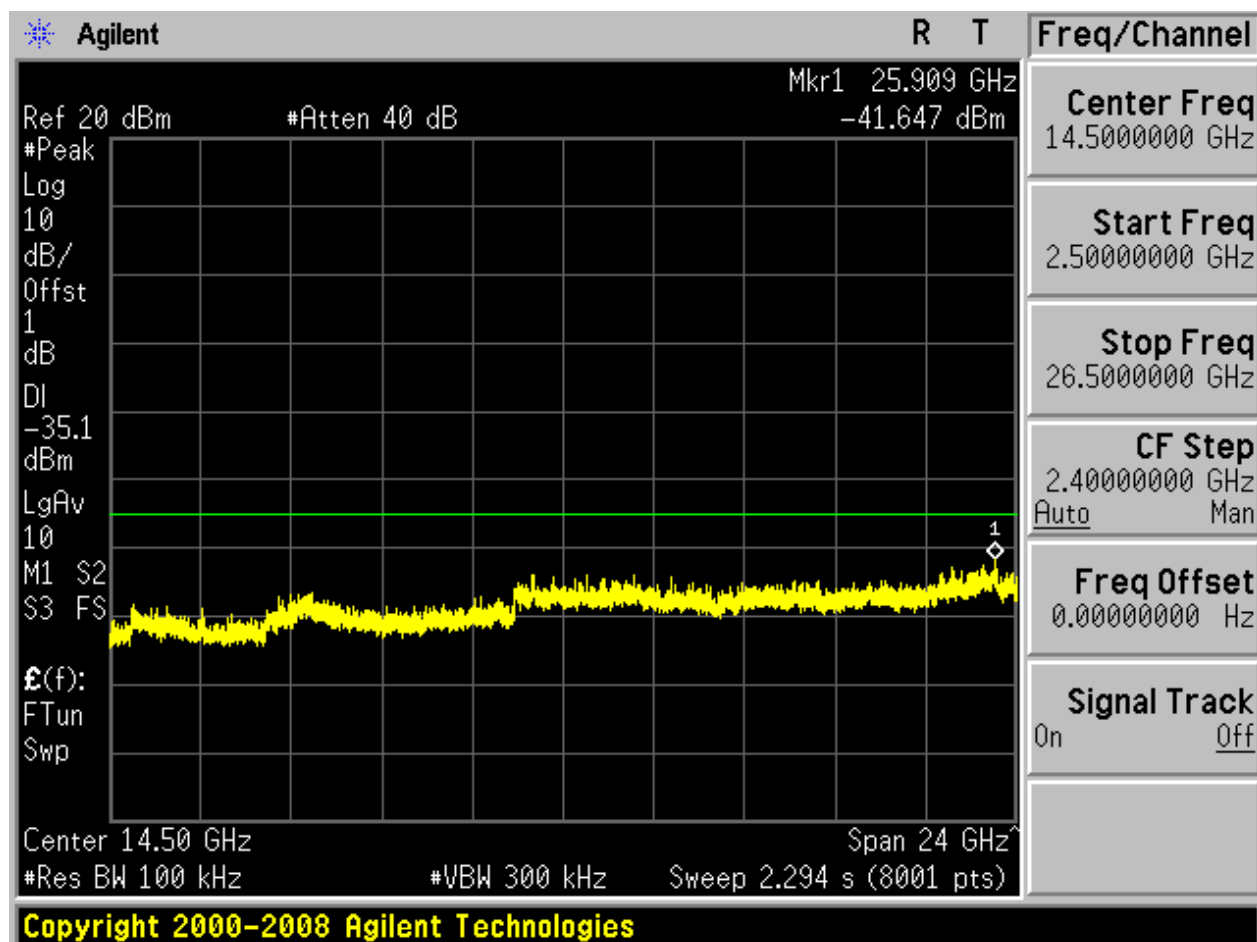








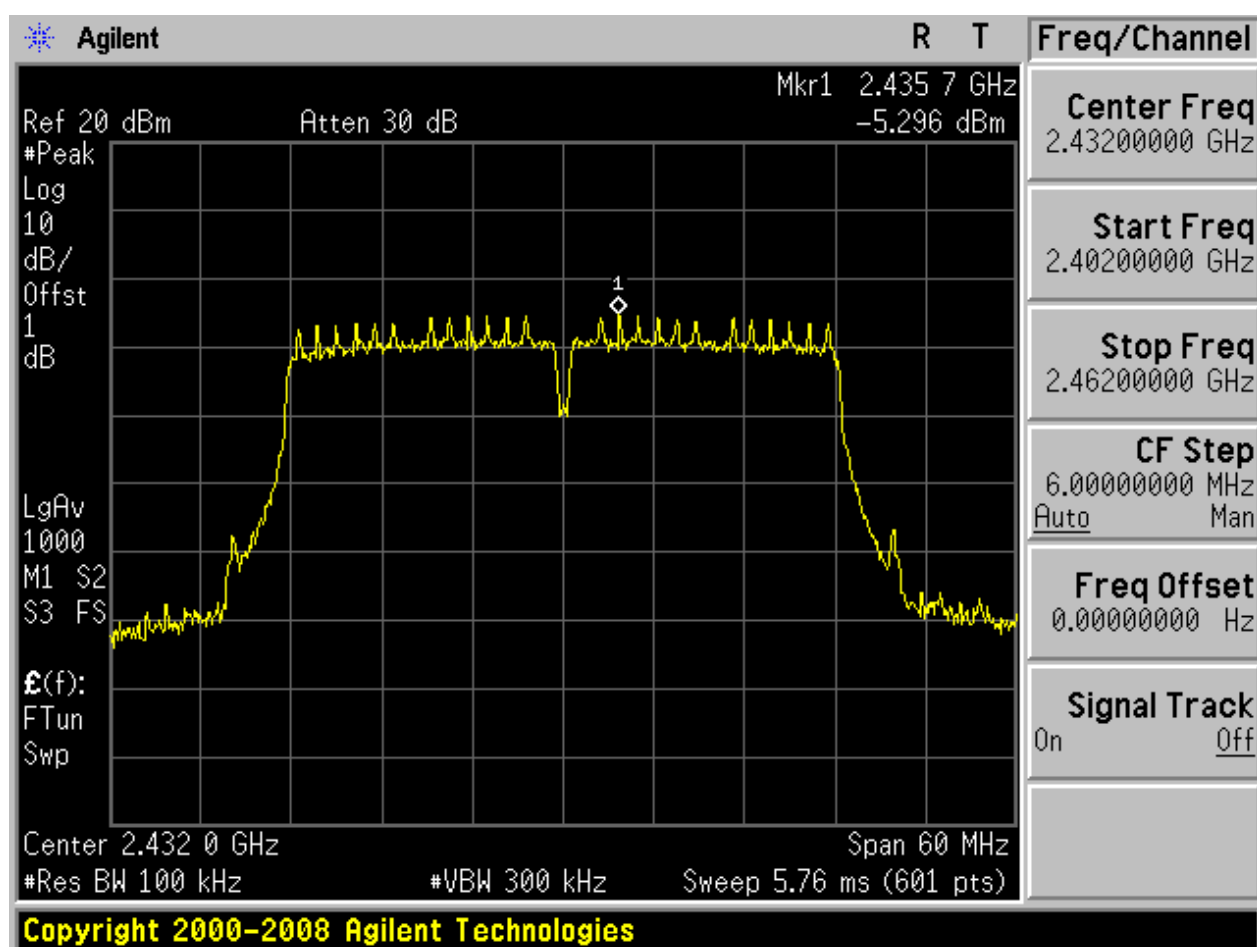






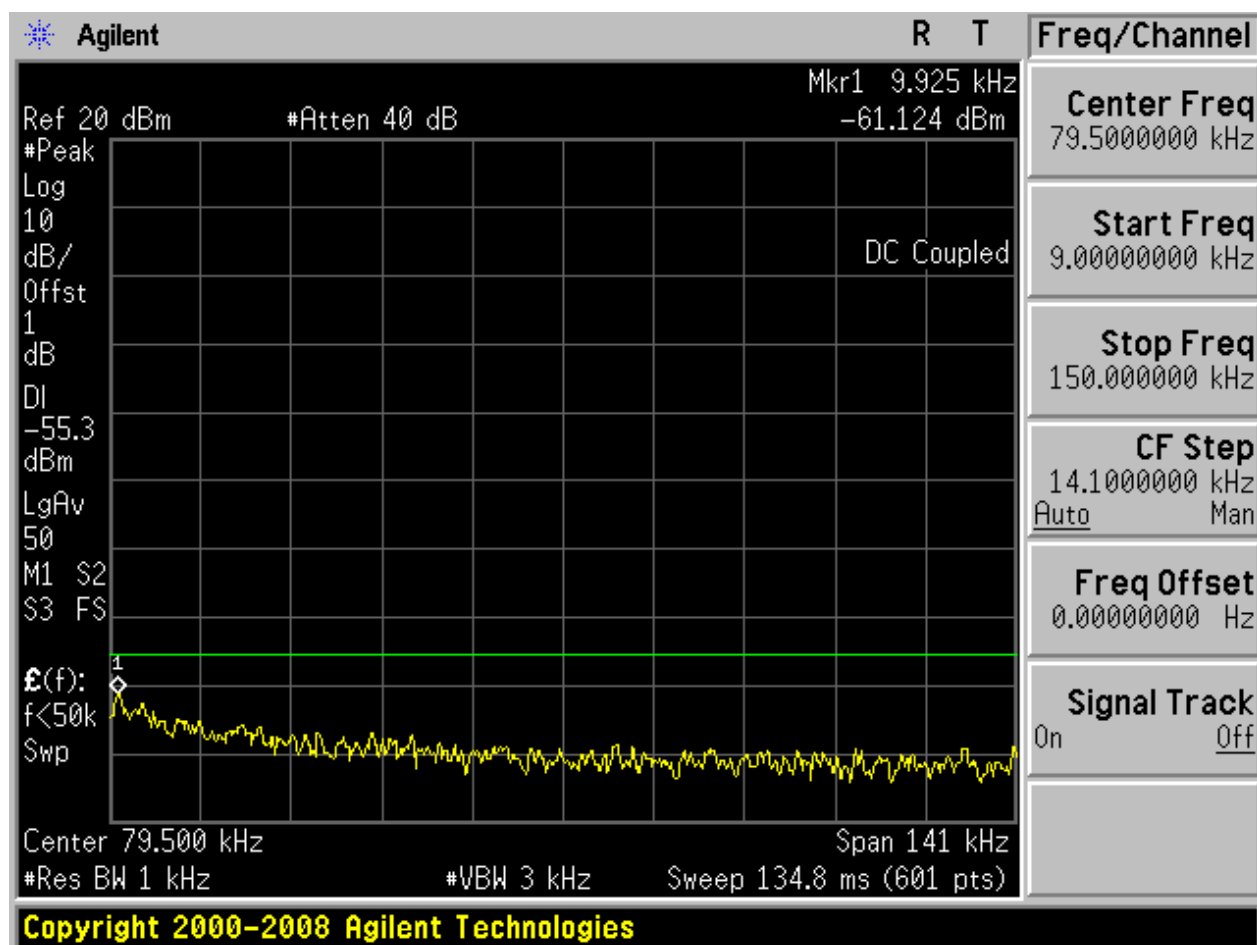
2.23 11N40_H@Ant 1

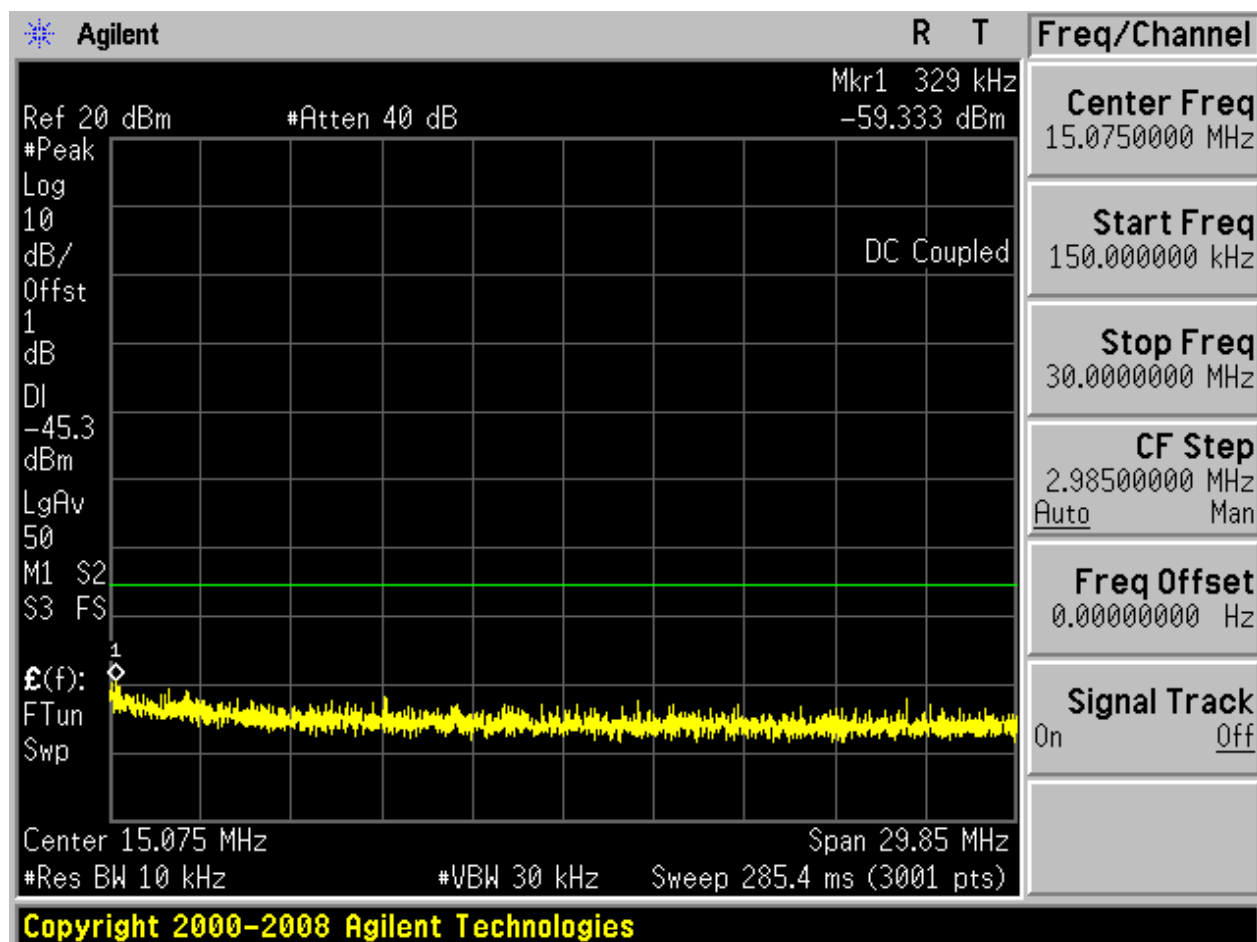
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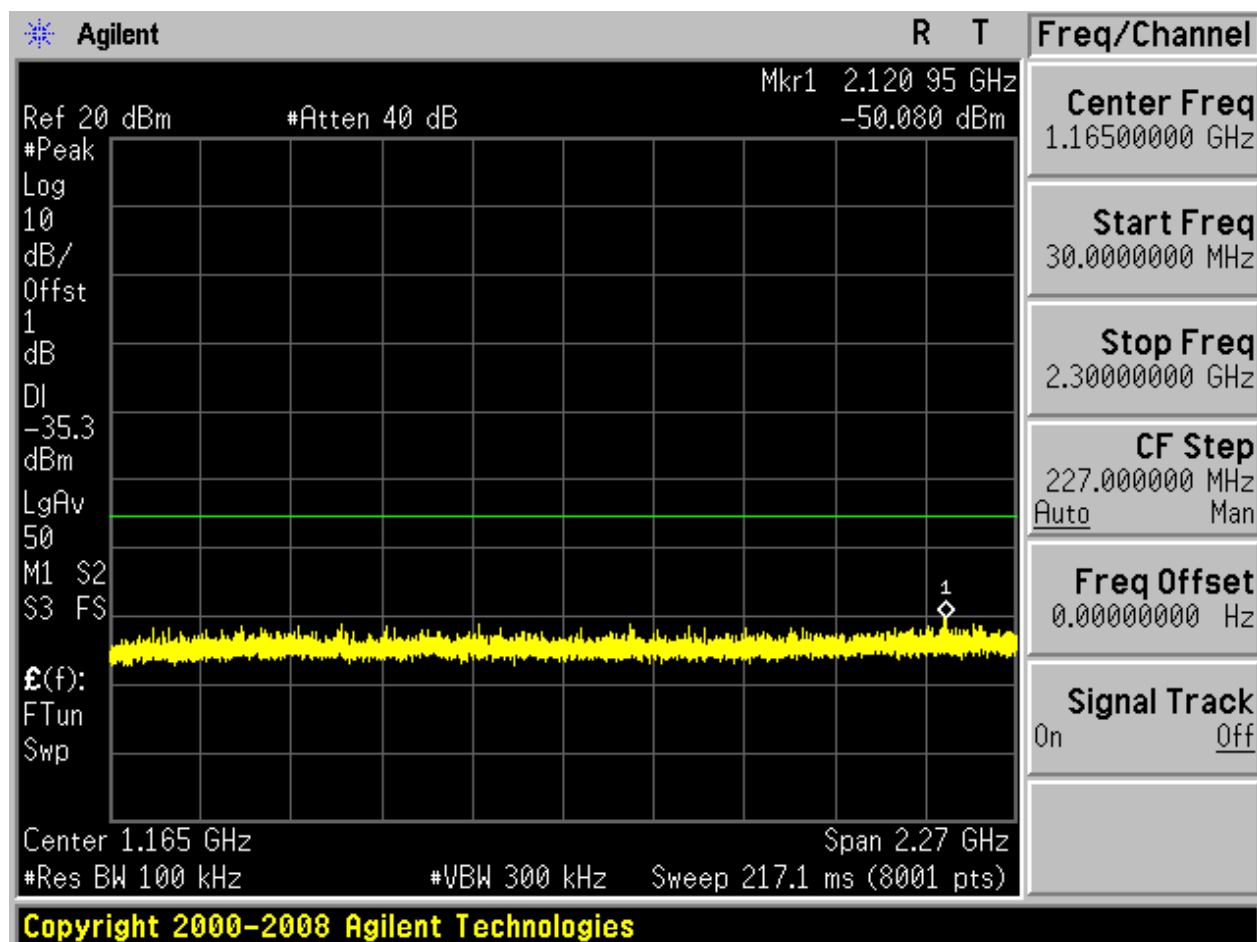


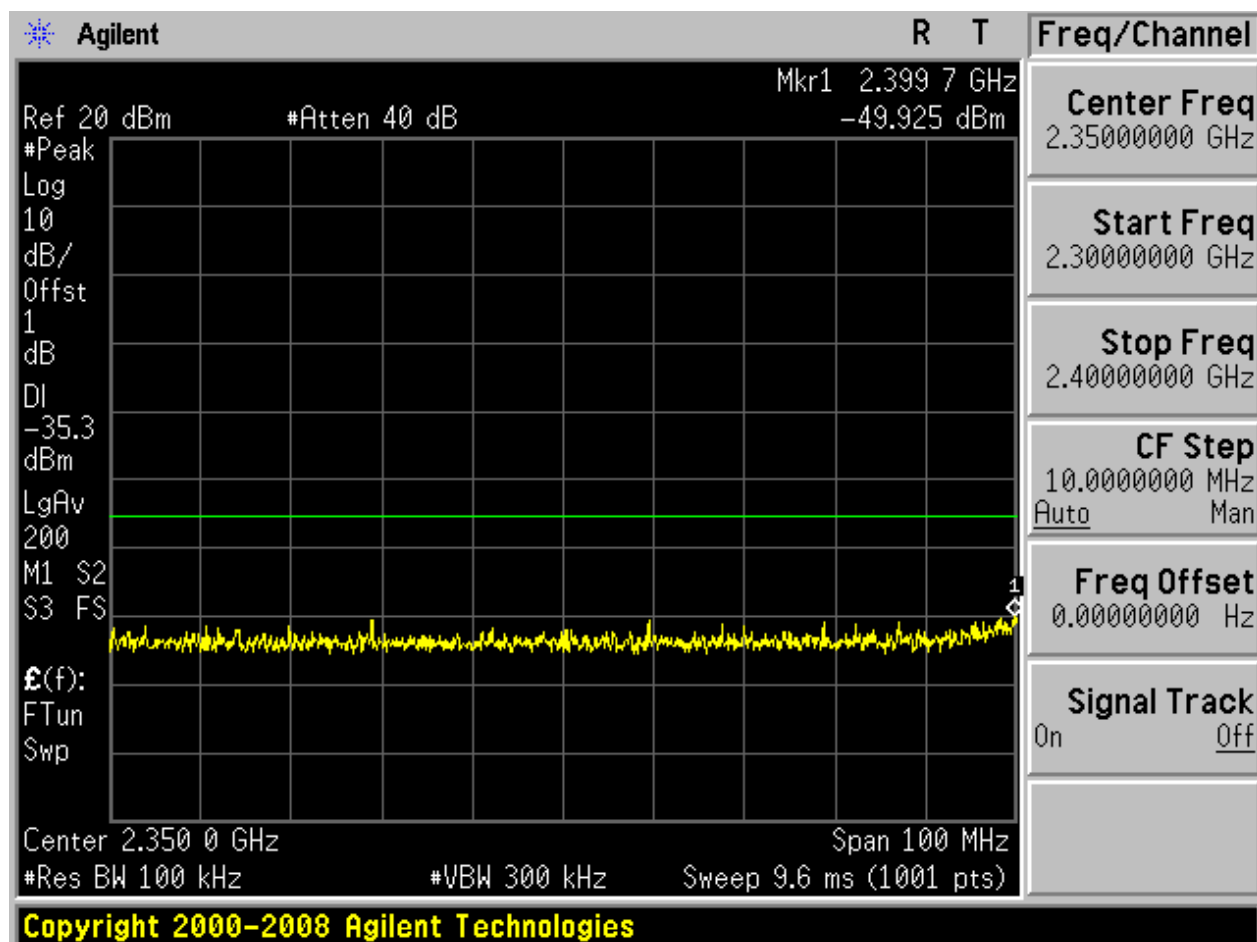


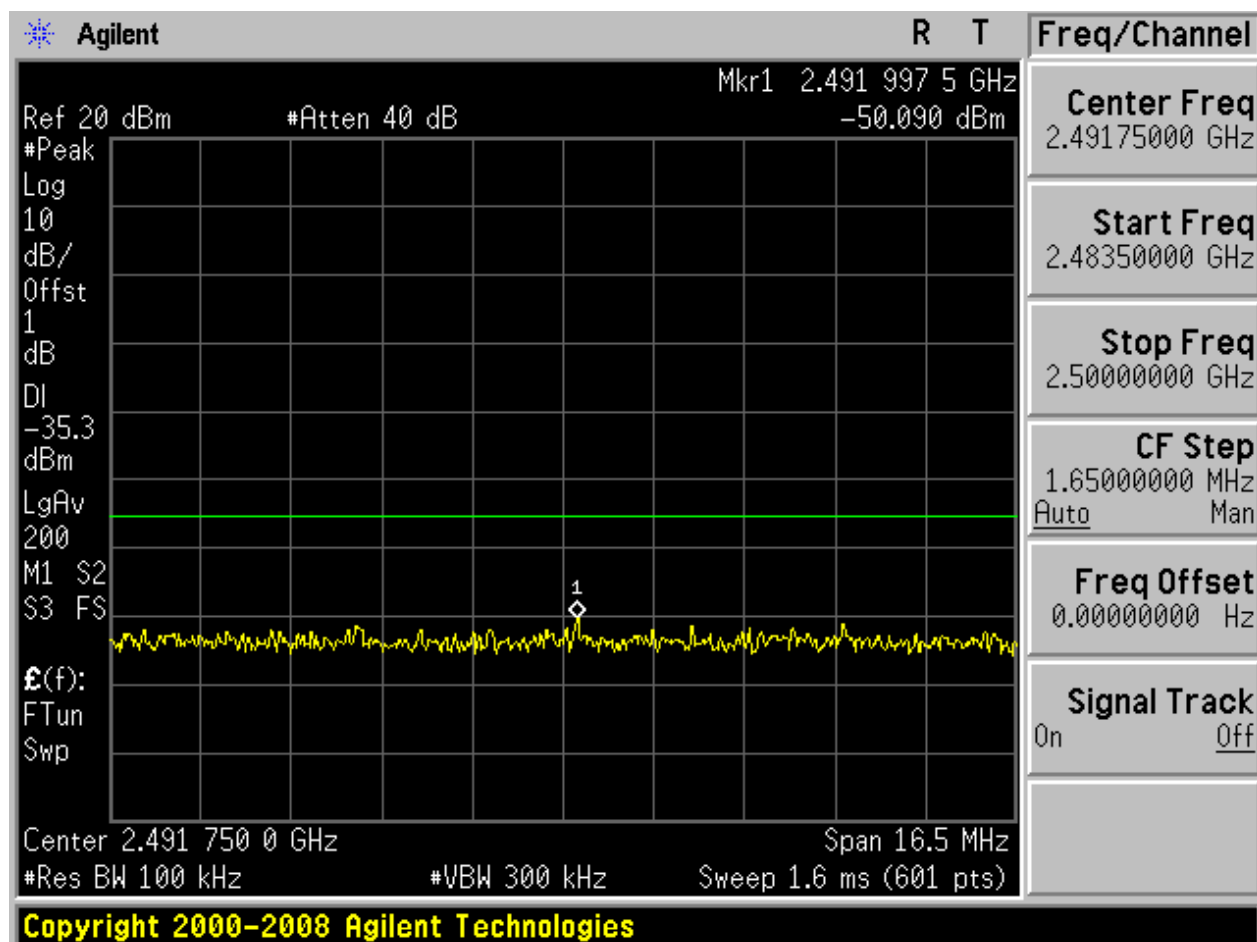
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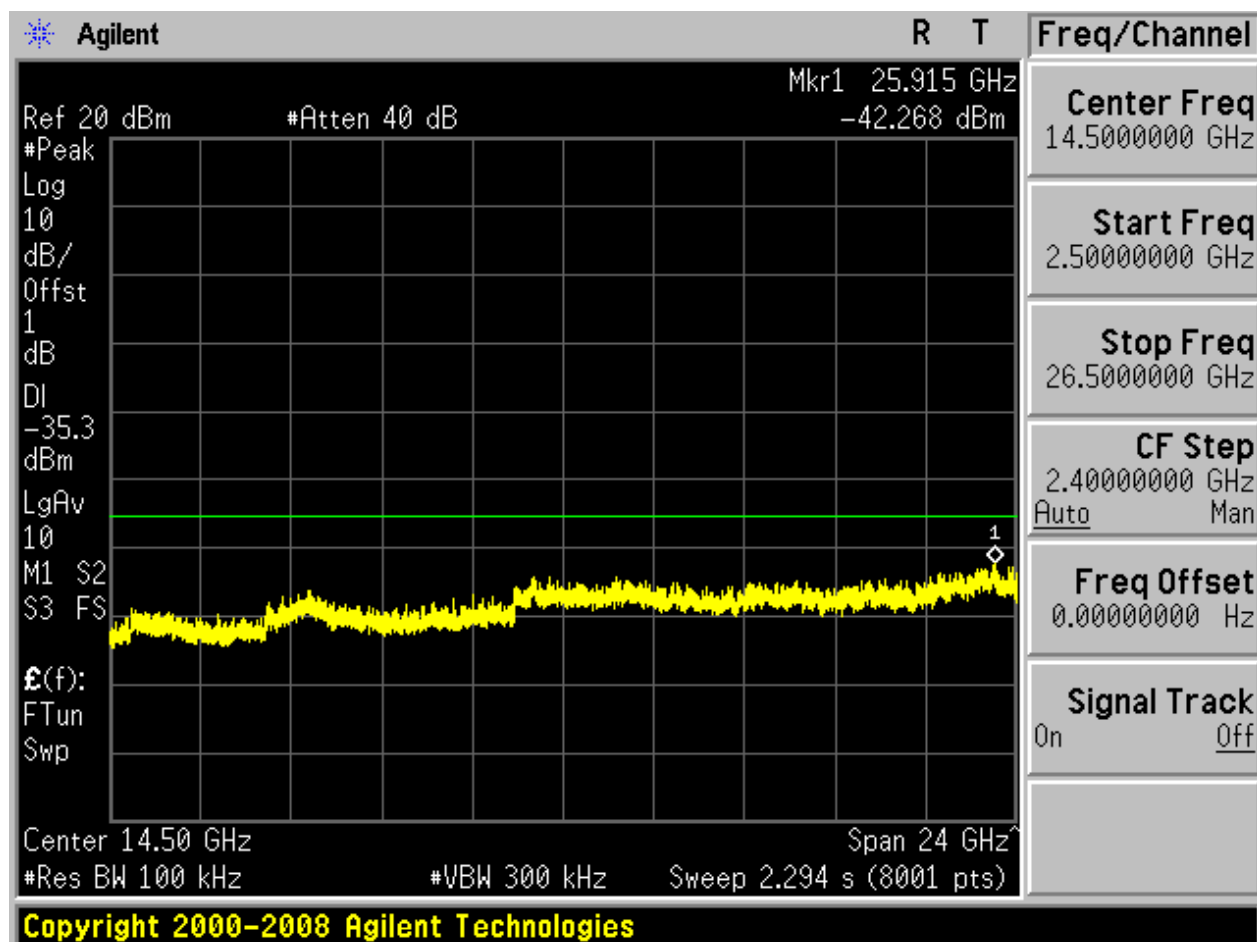








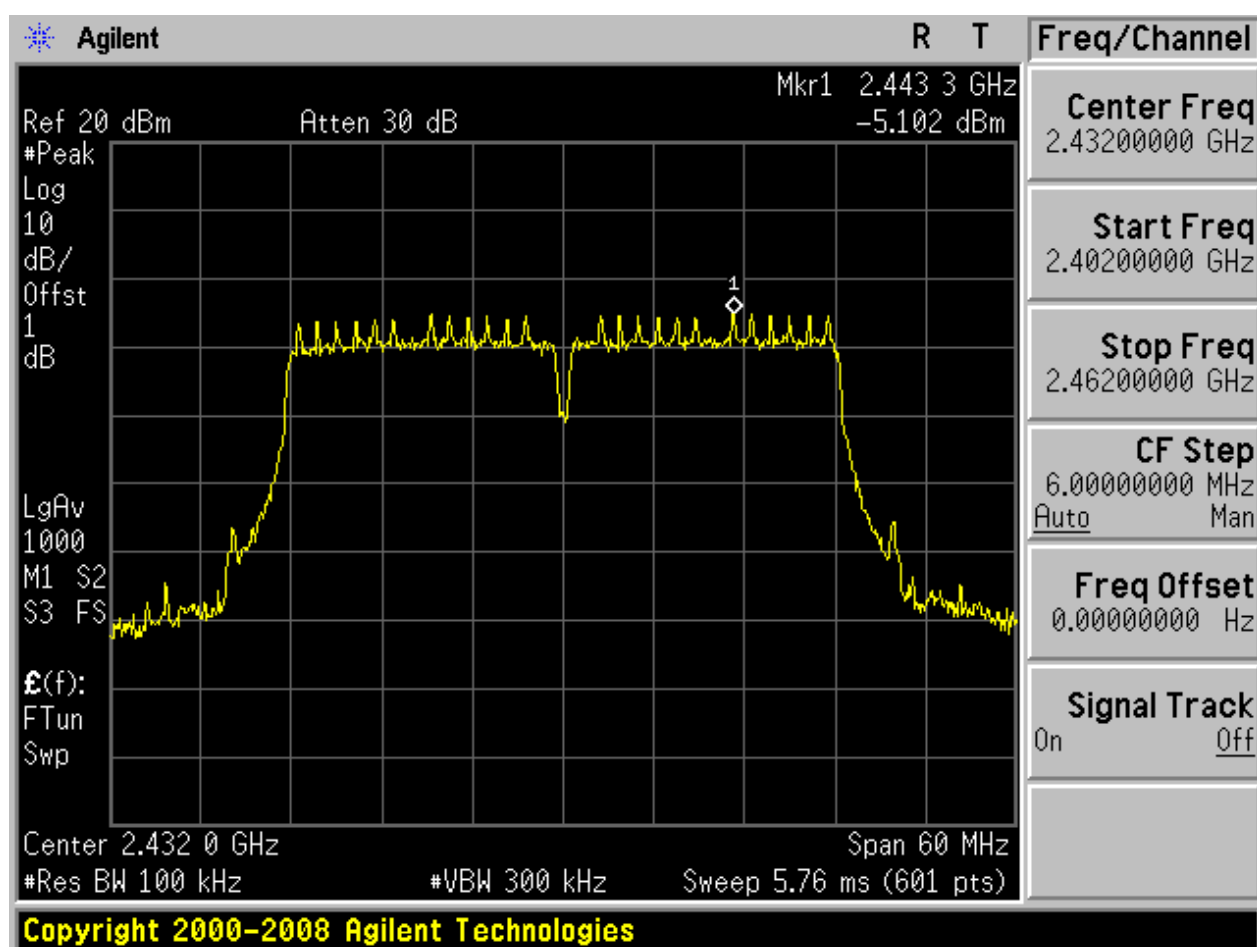






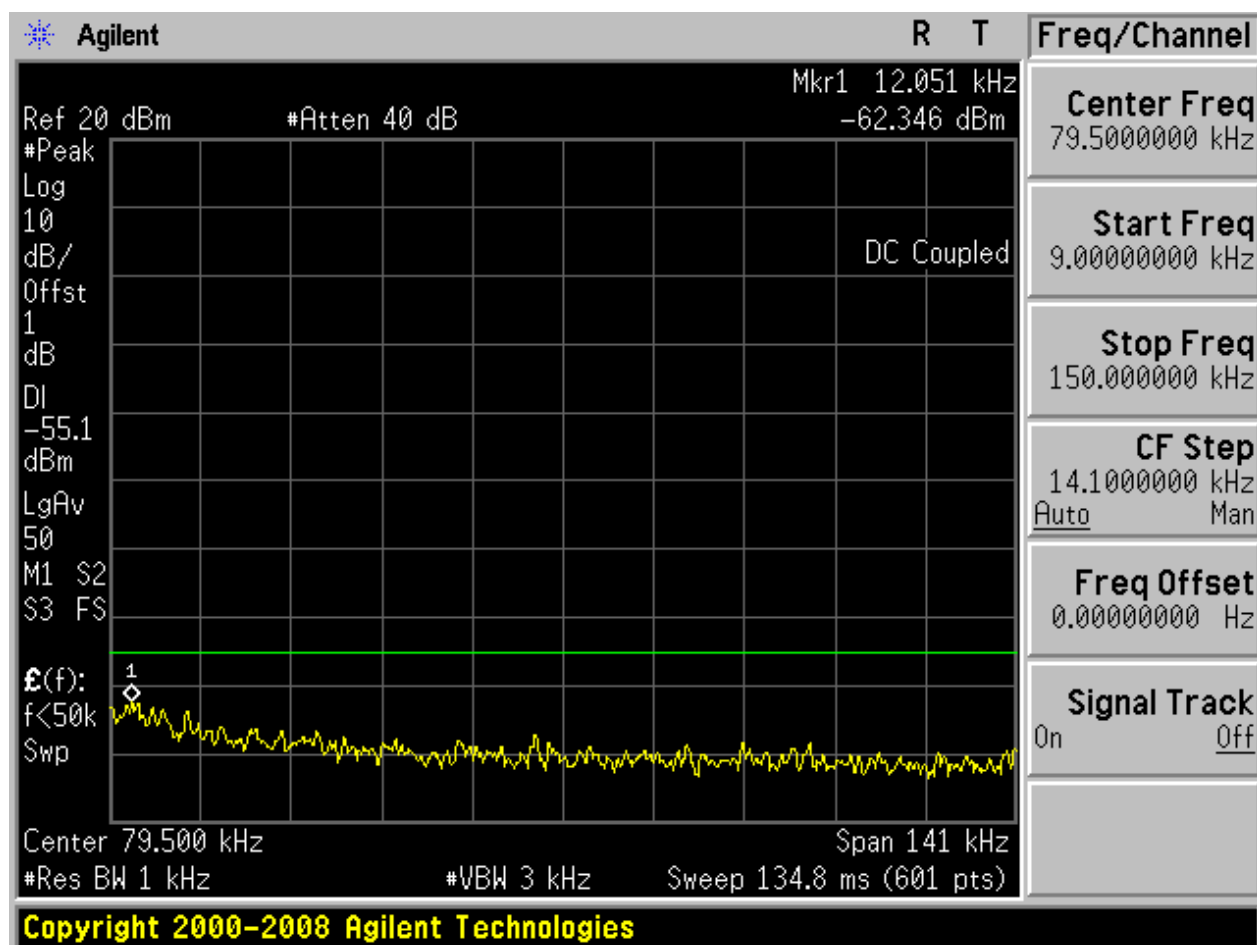
2.24 11N40_H@Ant 2

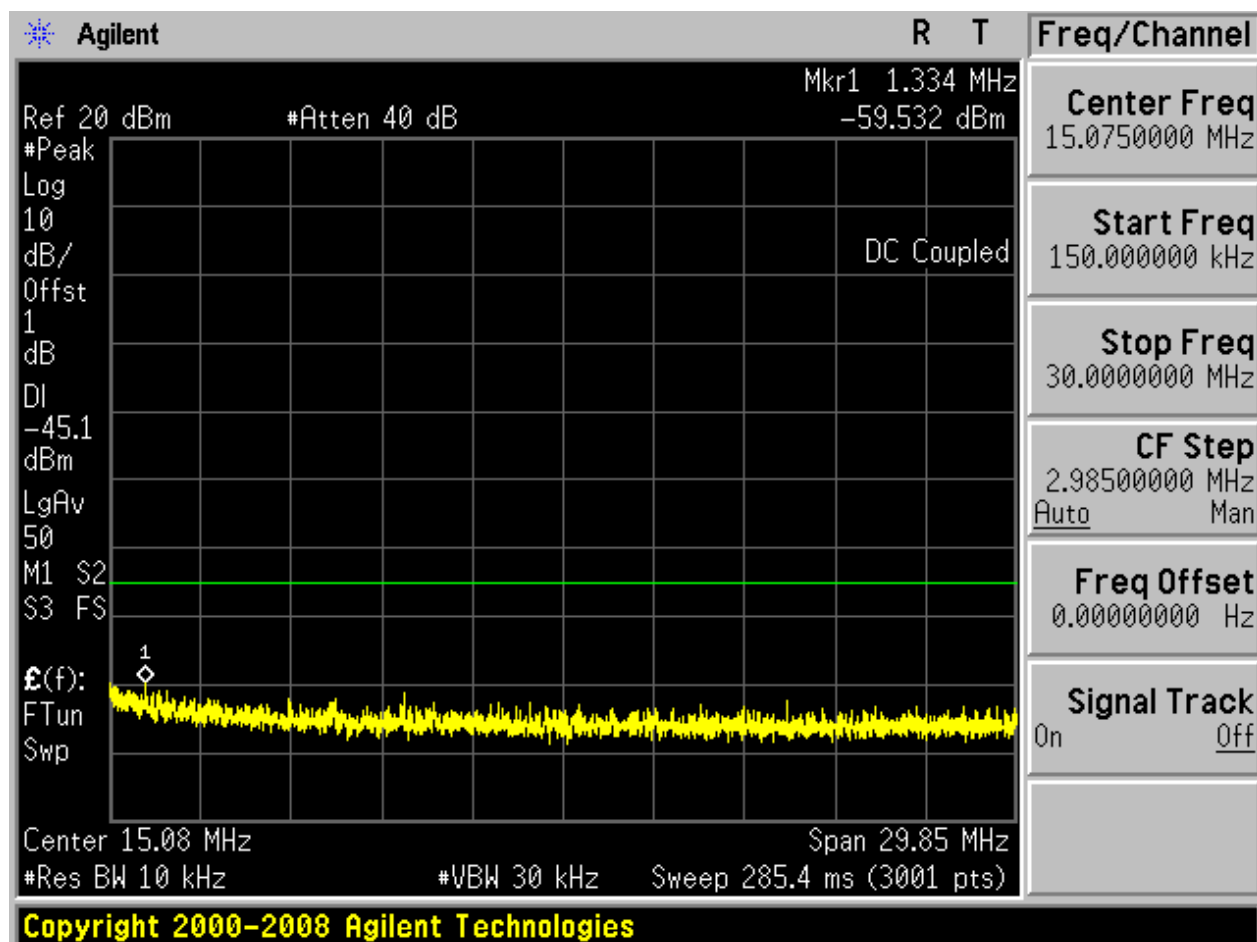
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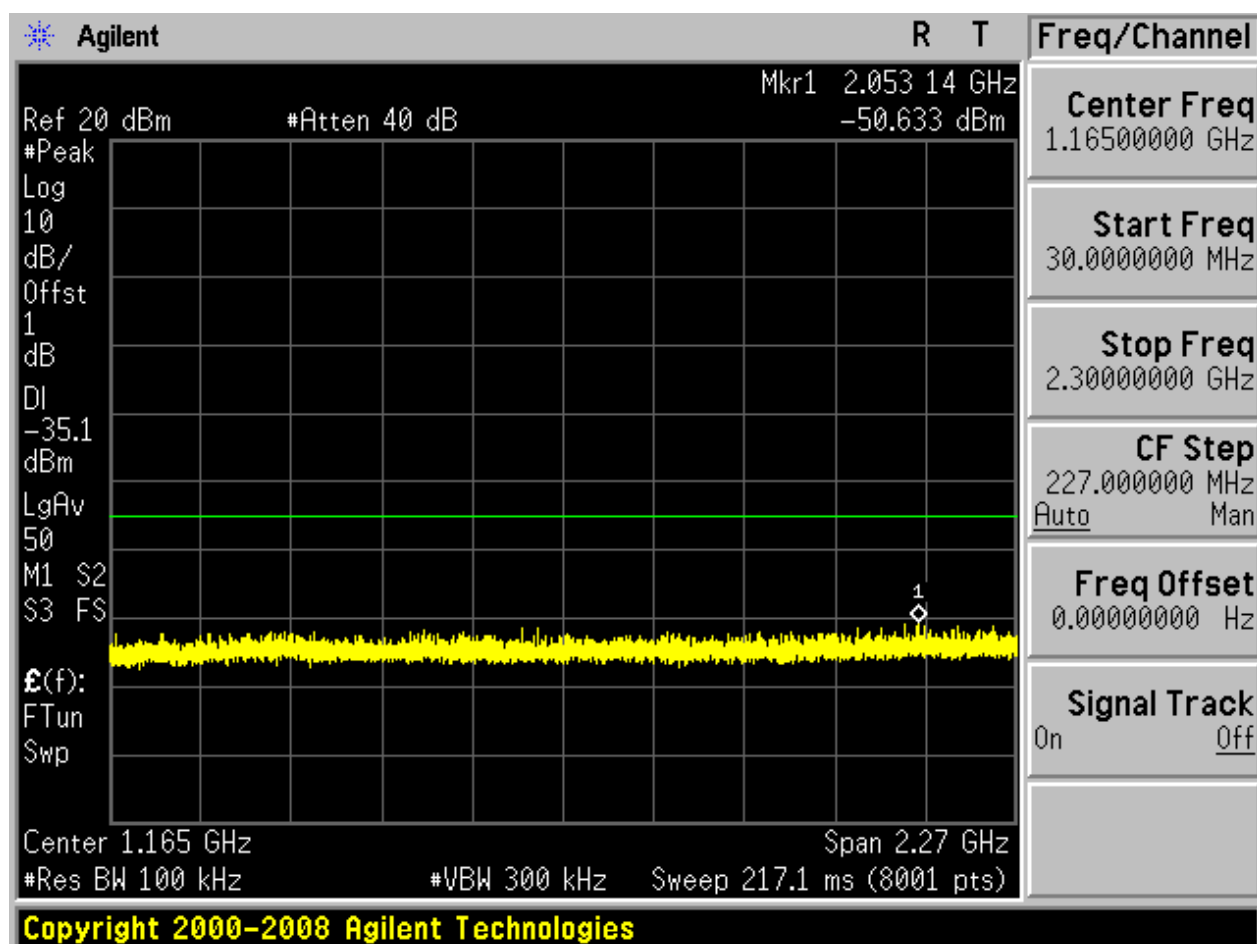


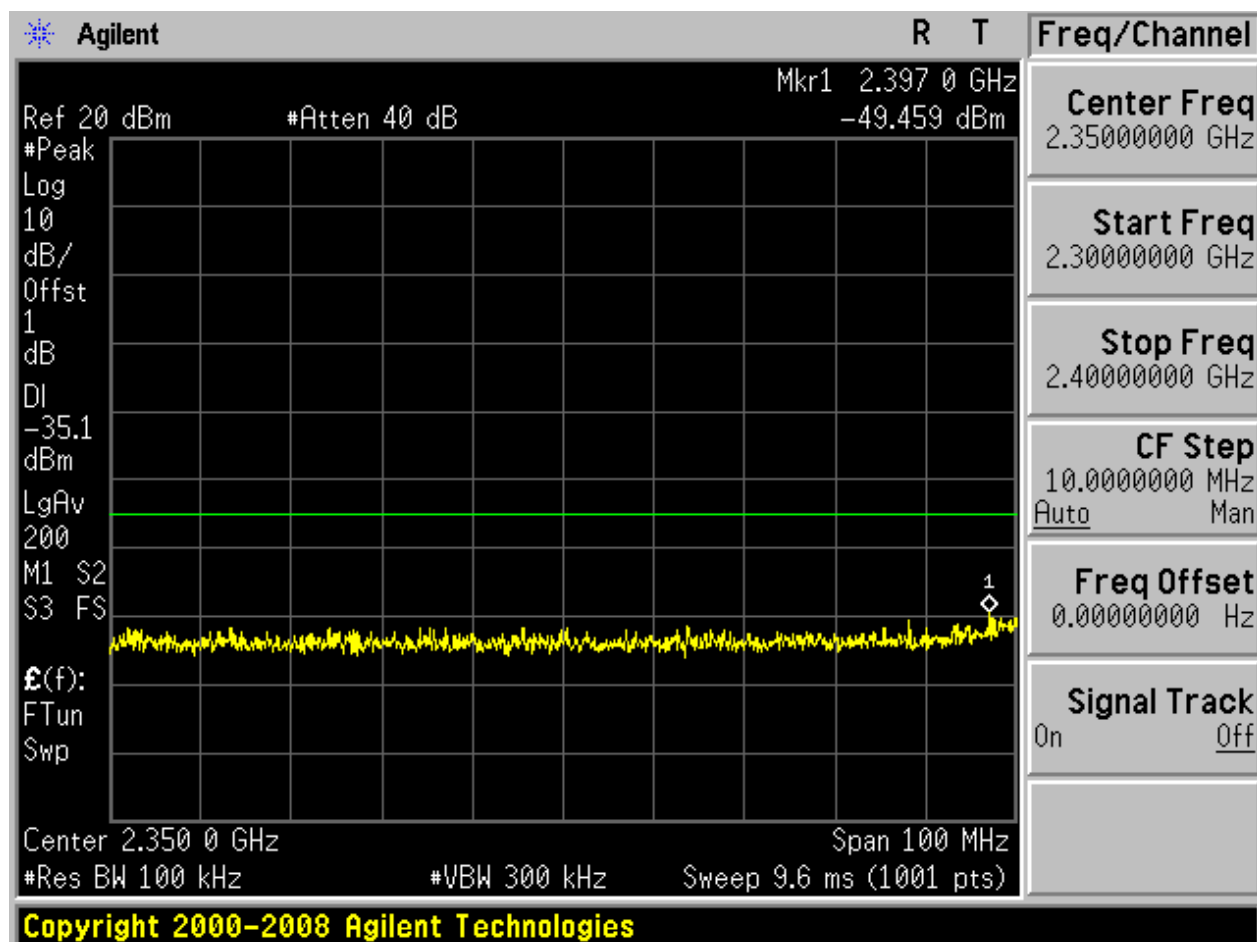


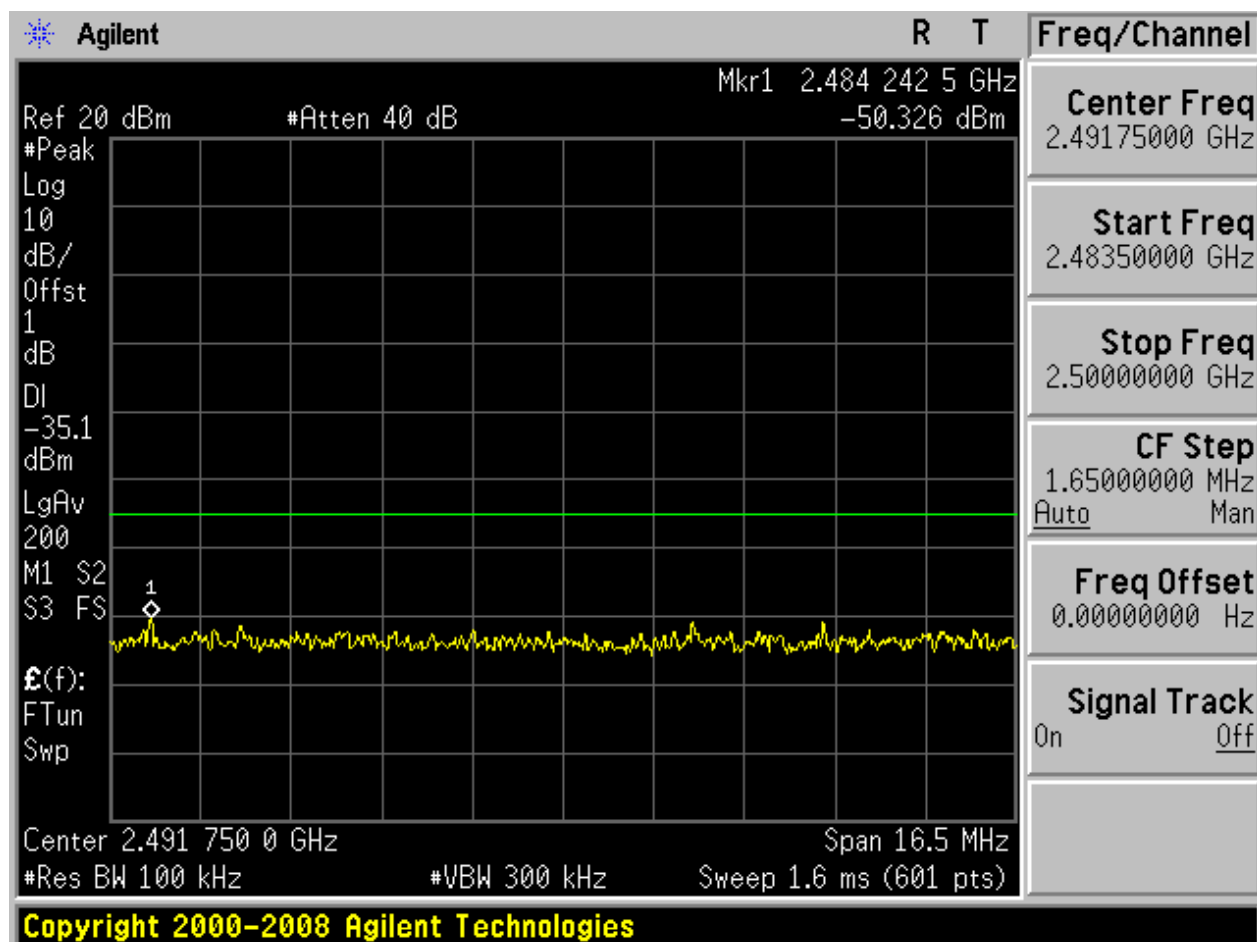
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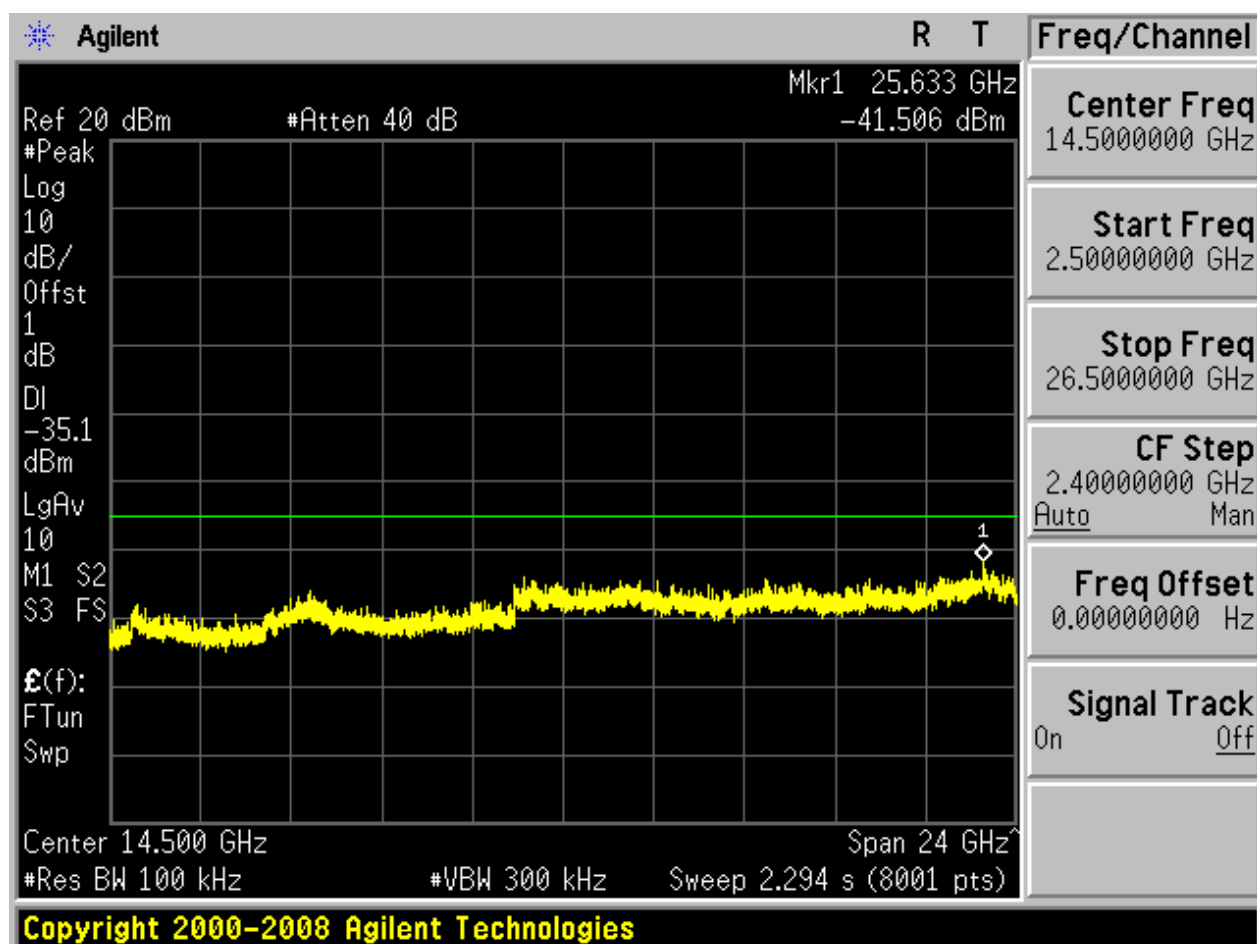








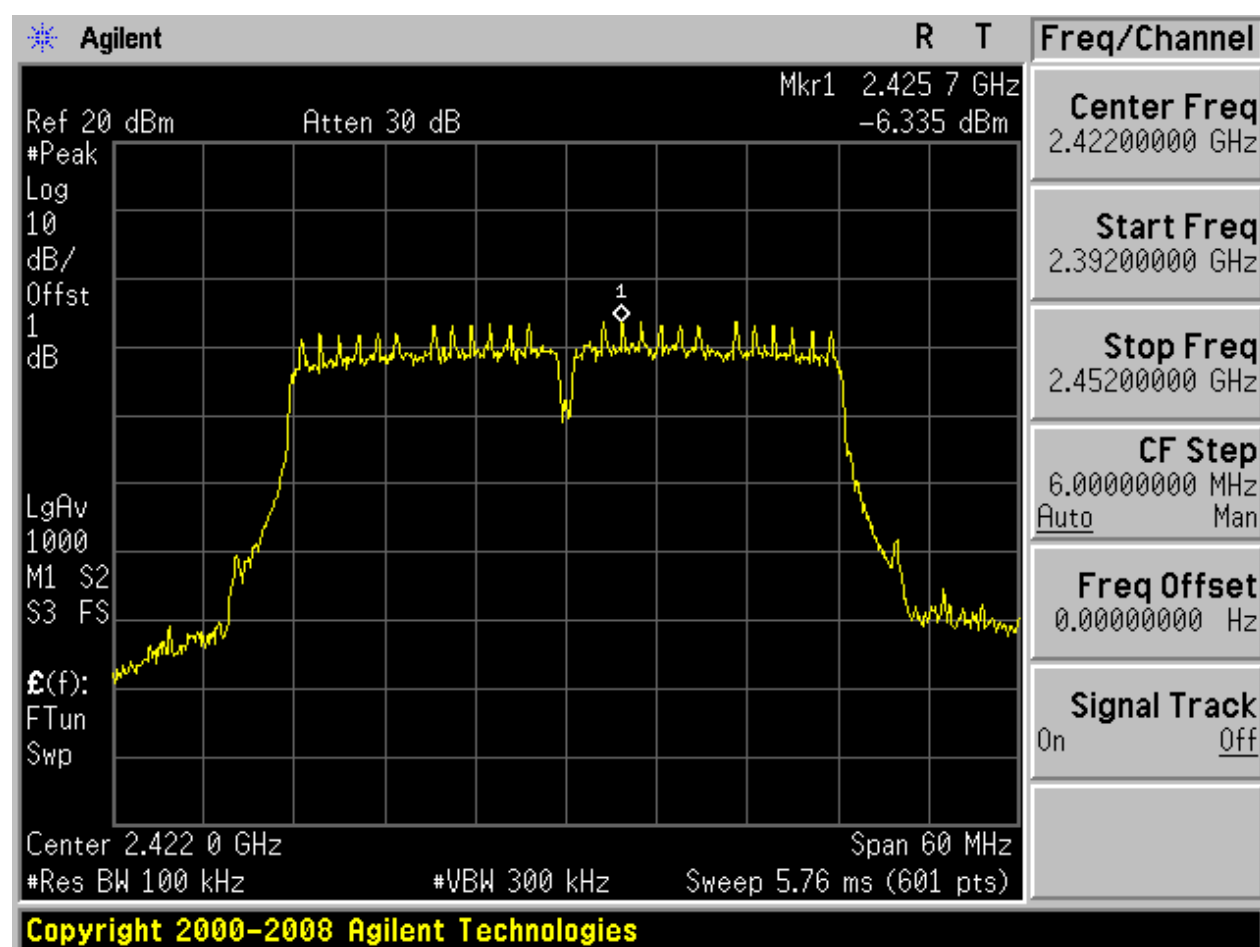






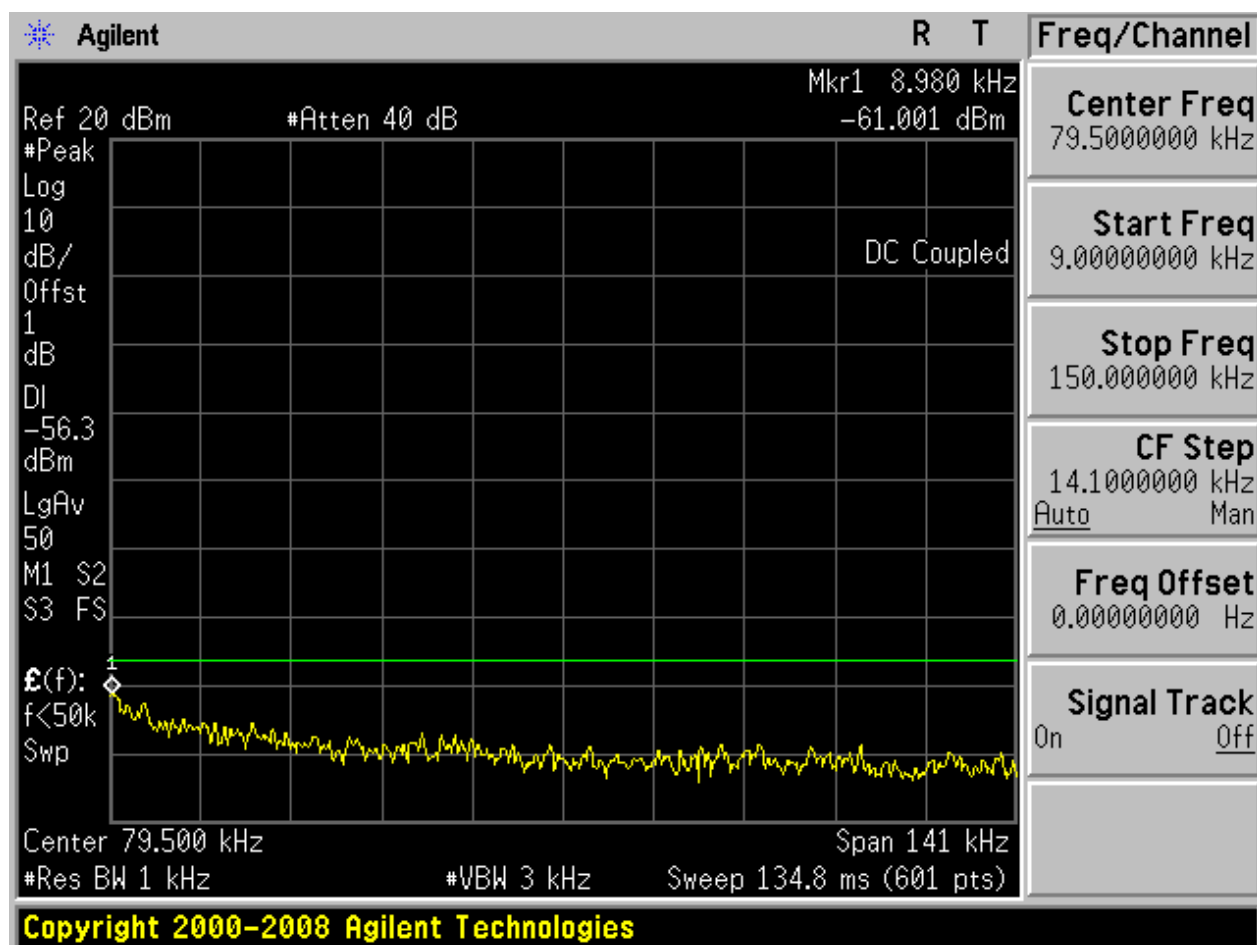
2.31 11N40m_L@Ant 1

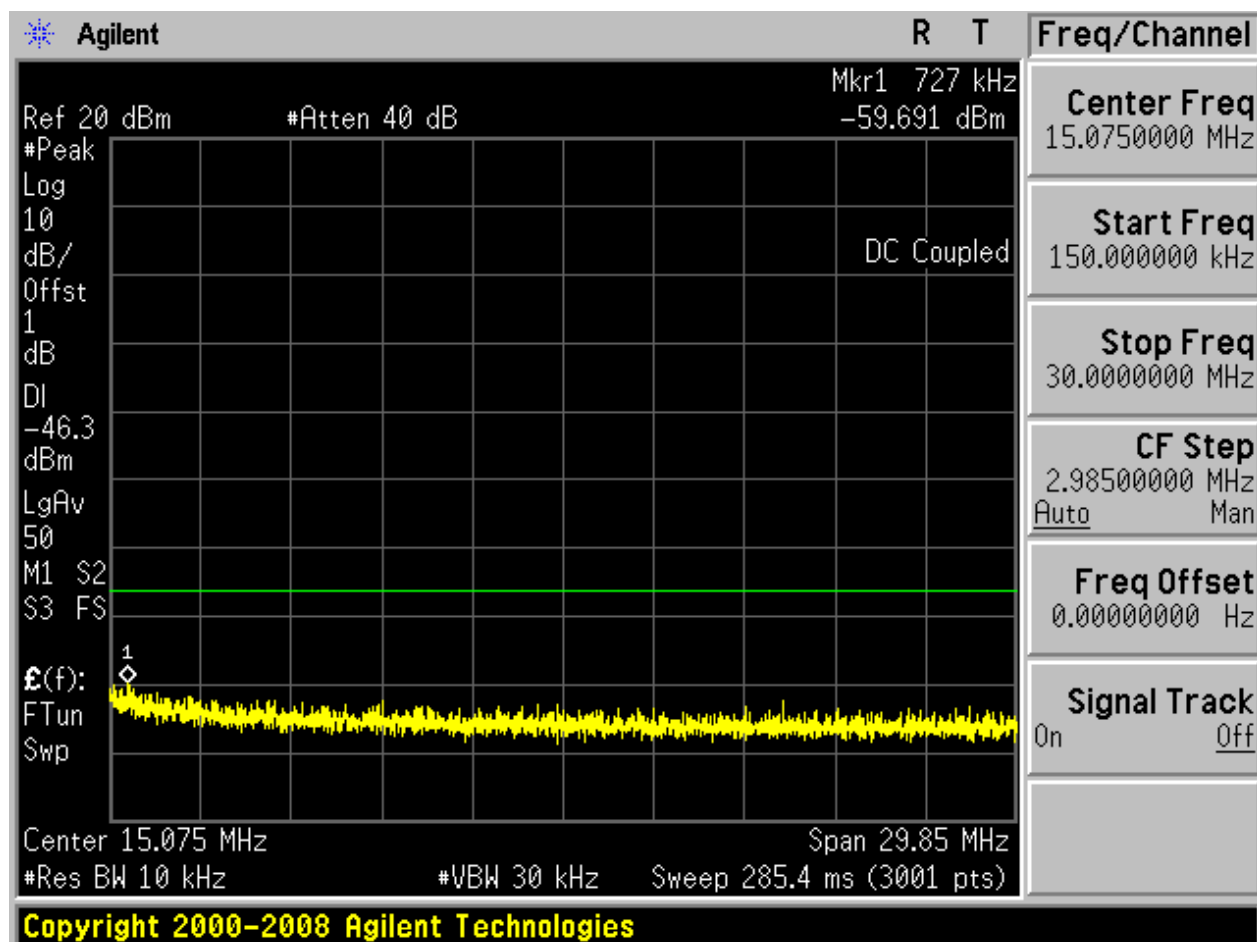
Pref:

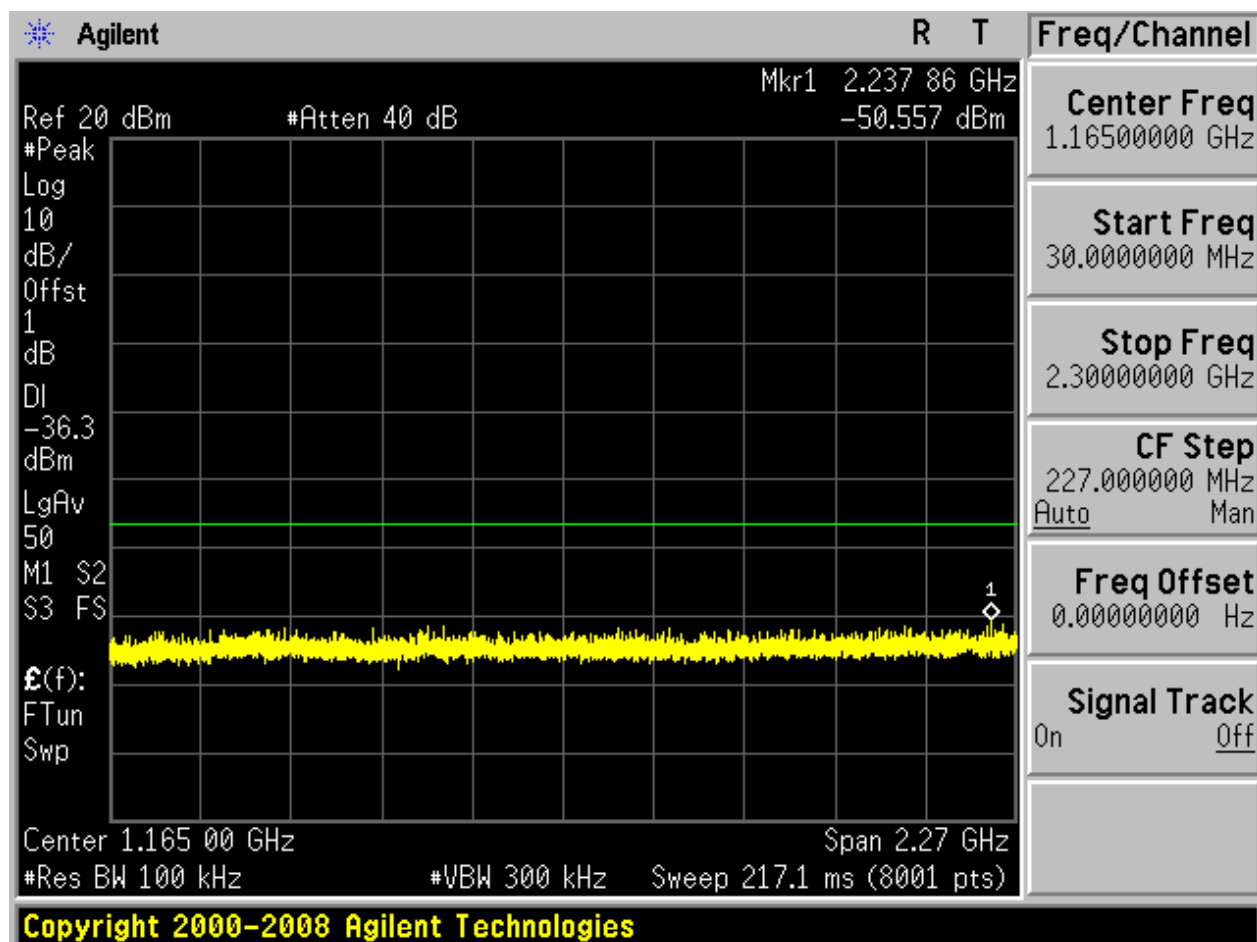


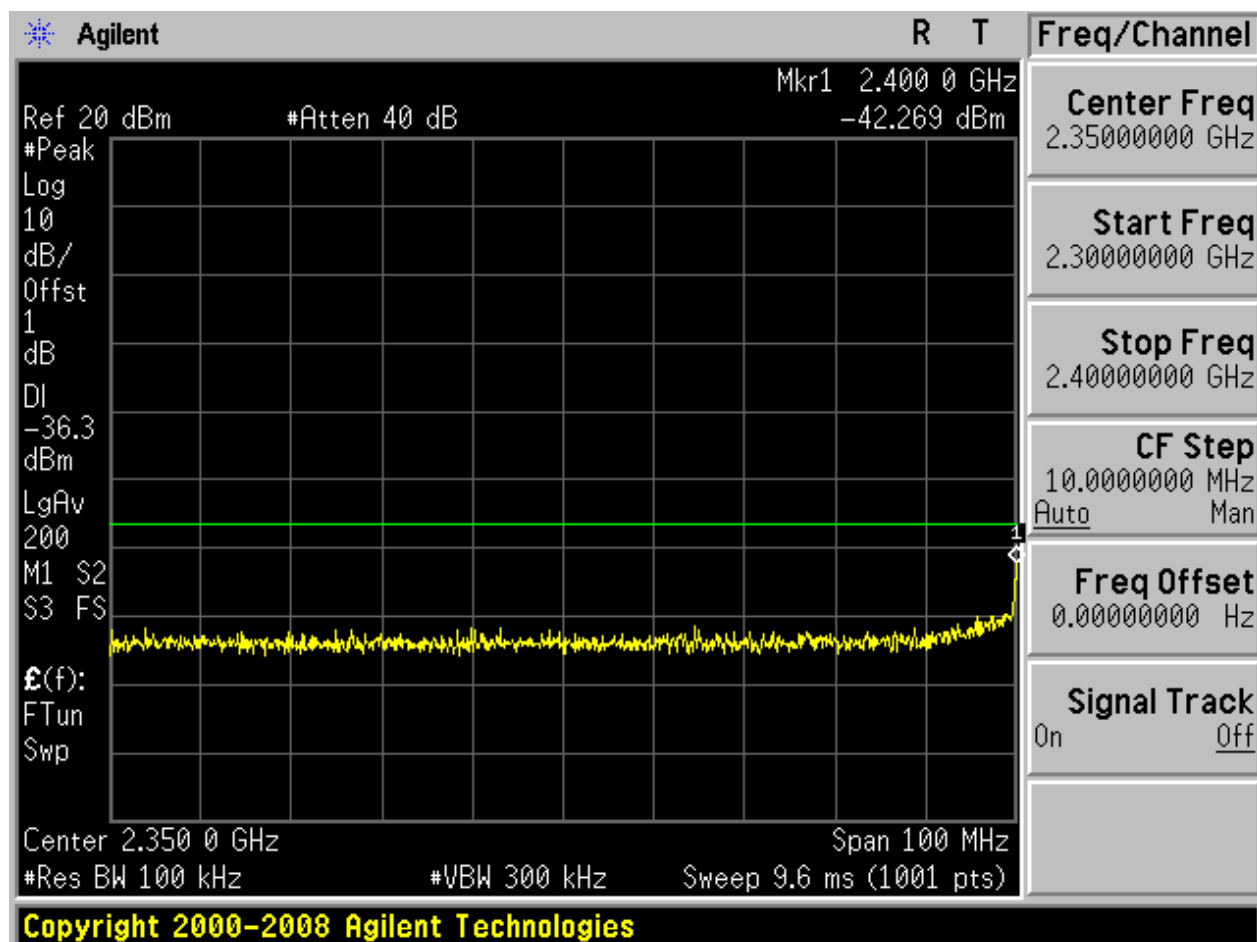


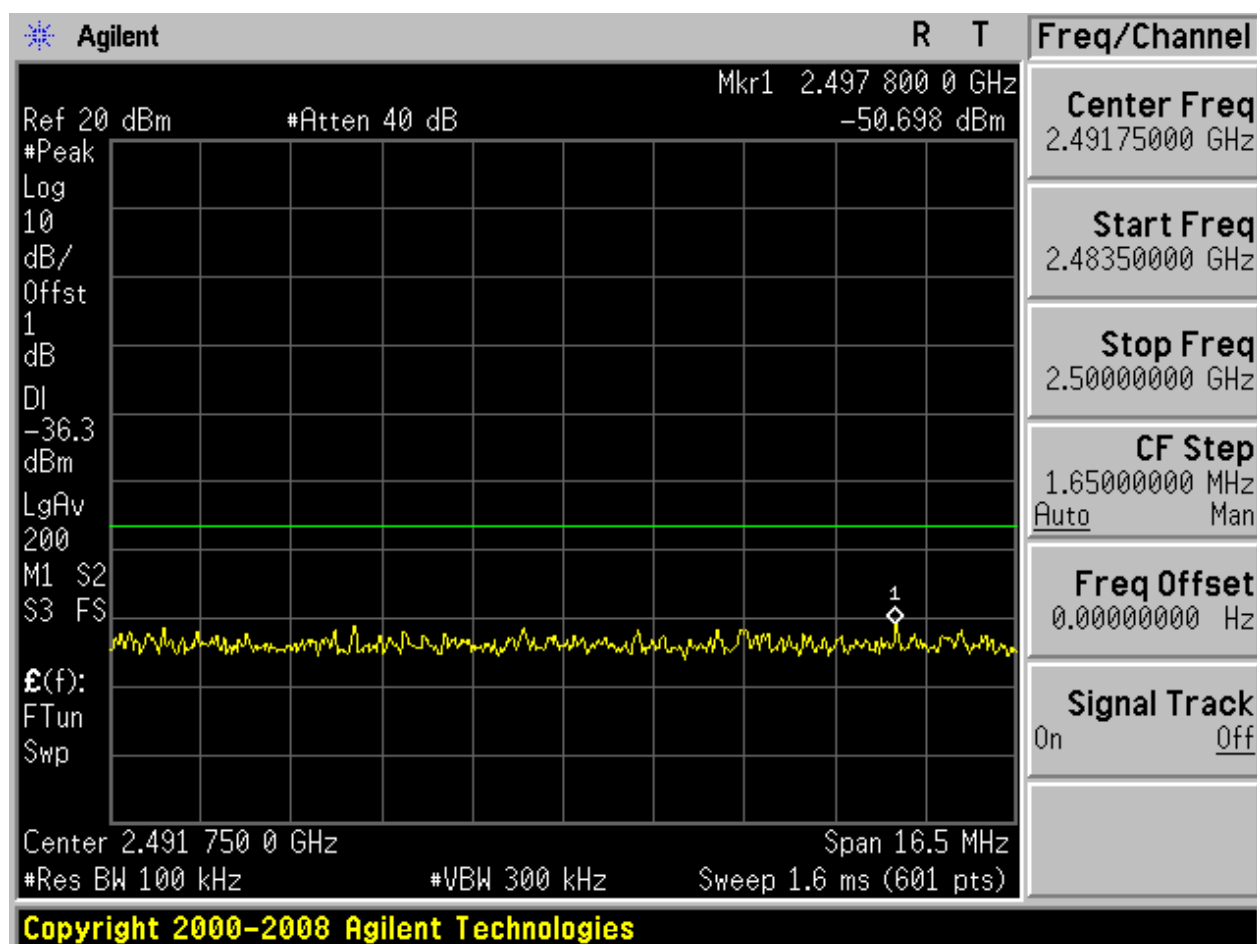
Puw:

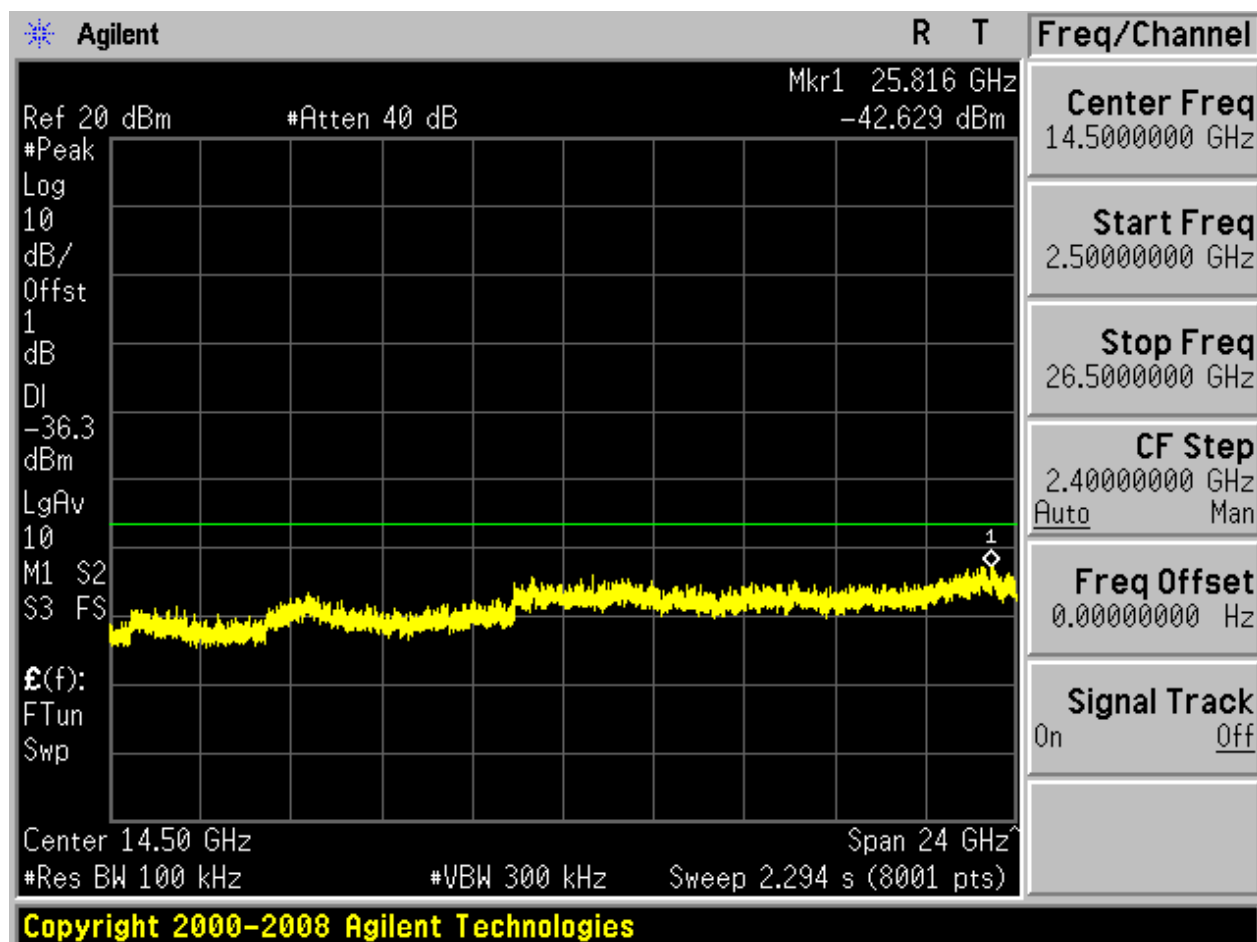








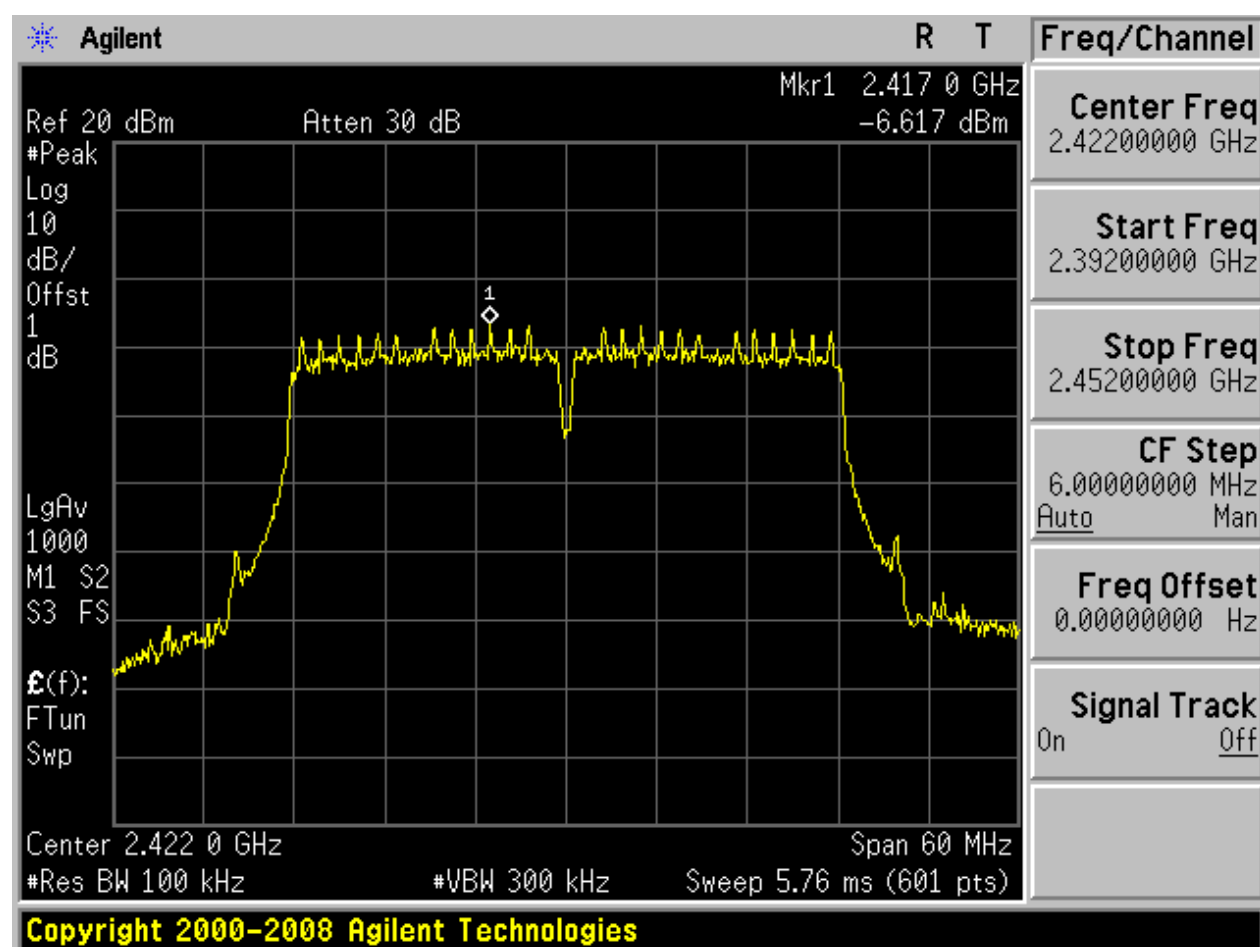






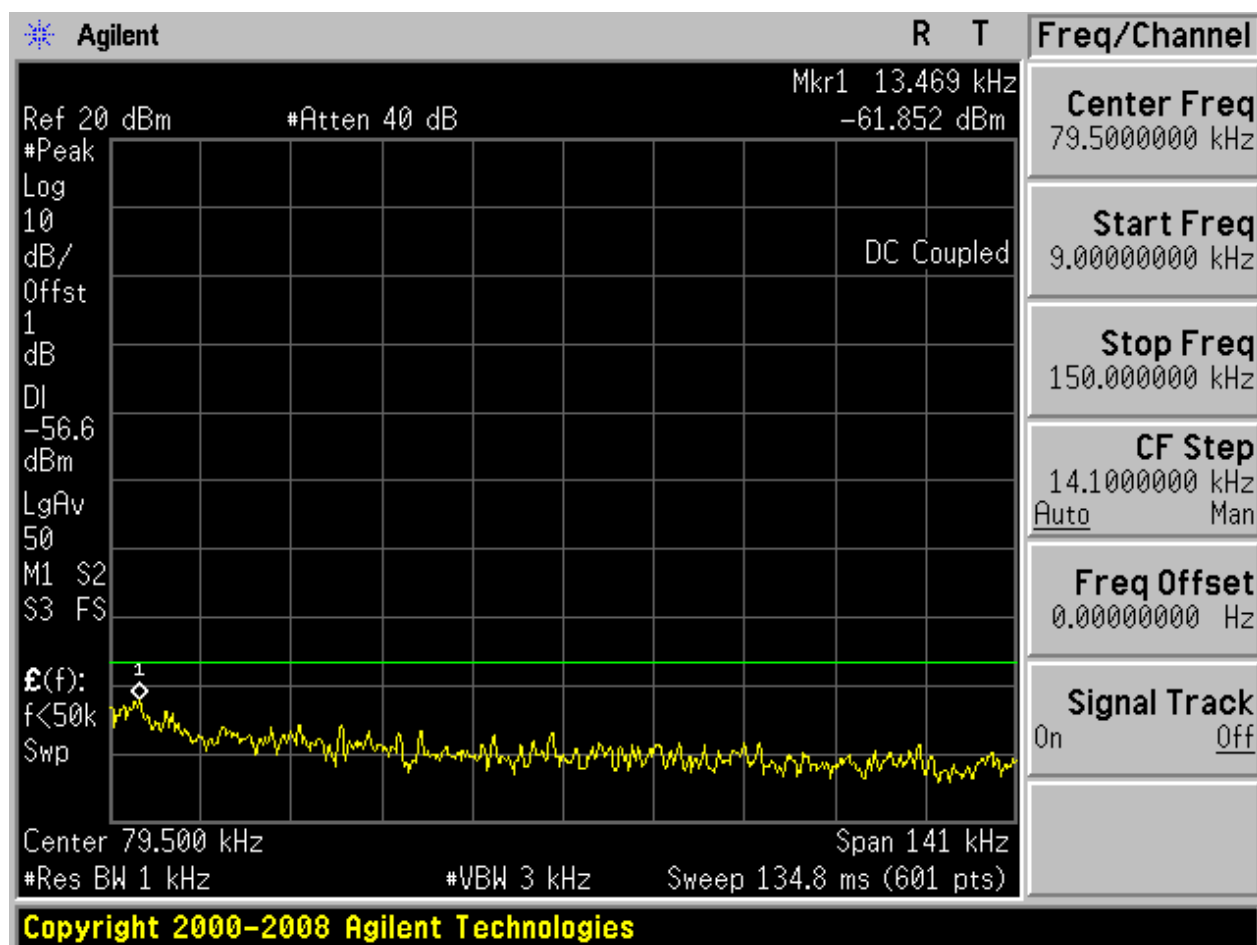
2.32 11N40m_L@Ant 2

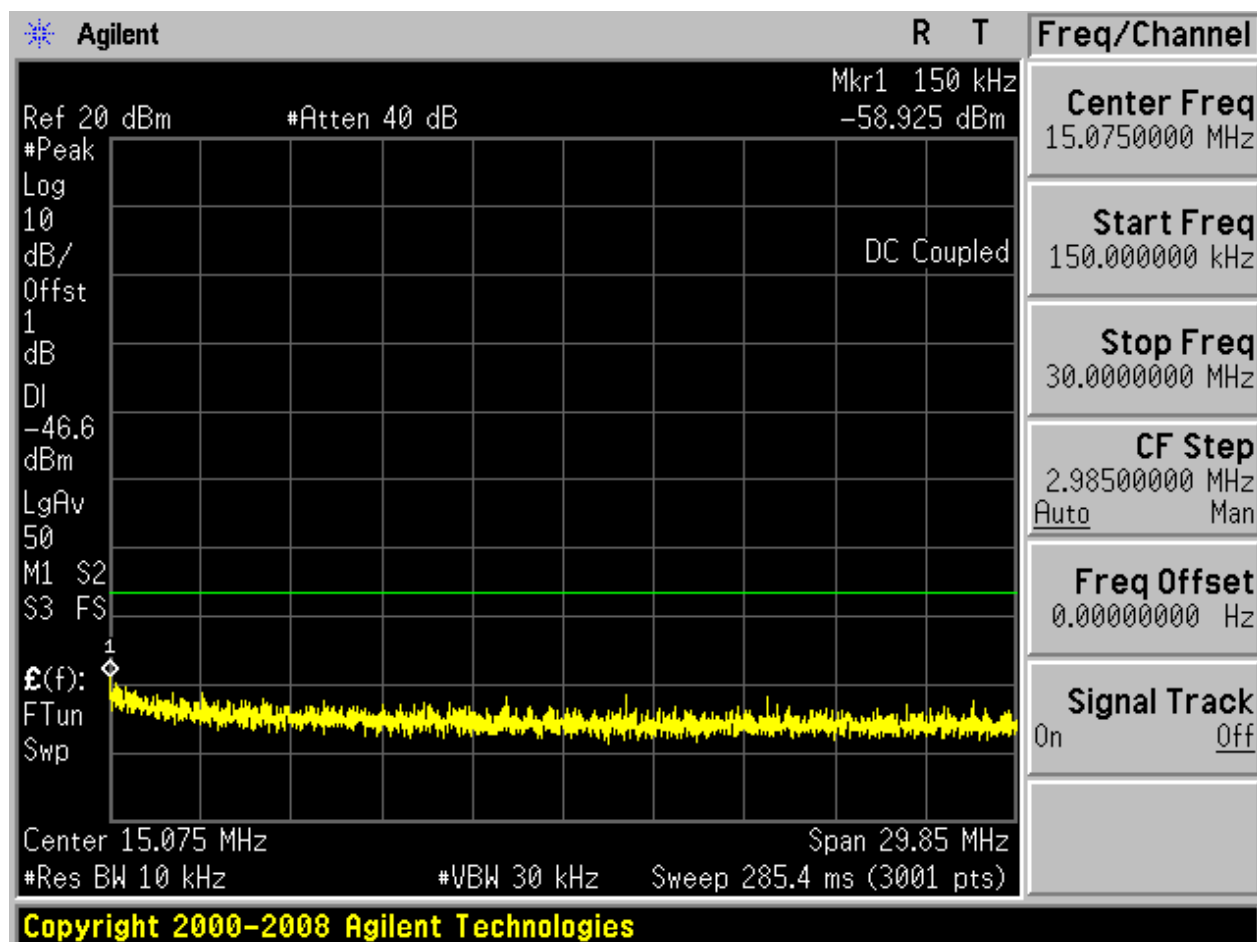
Pref:

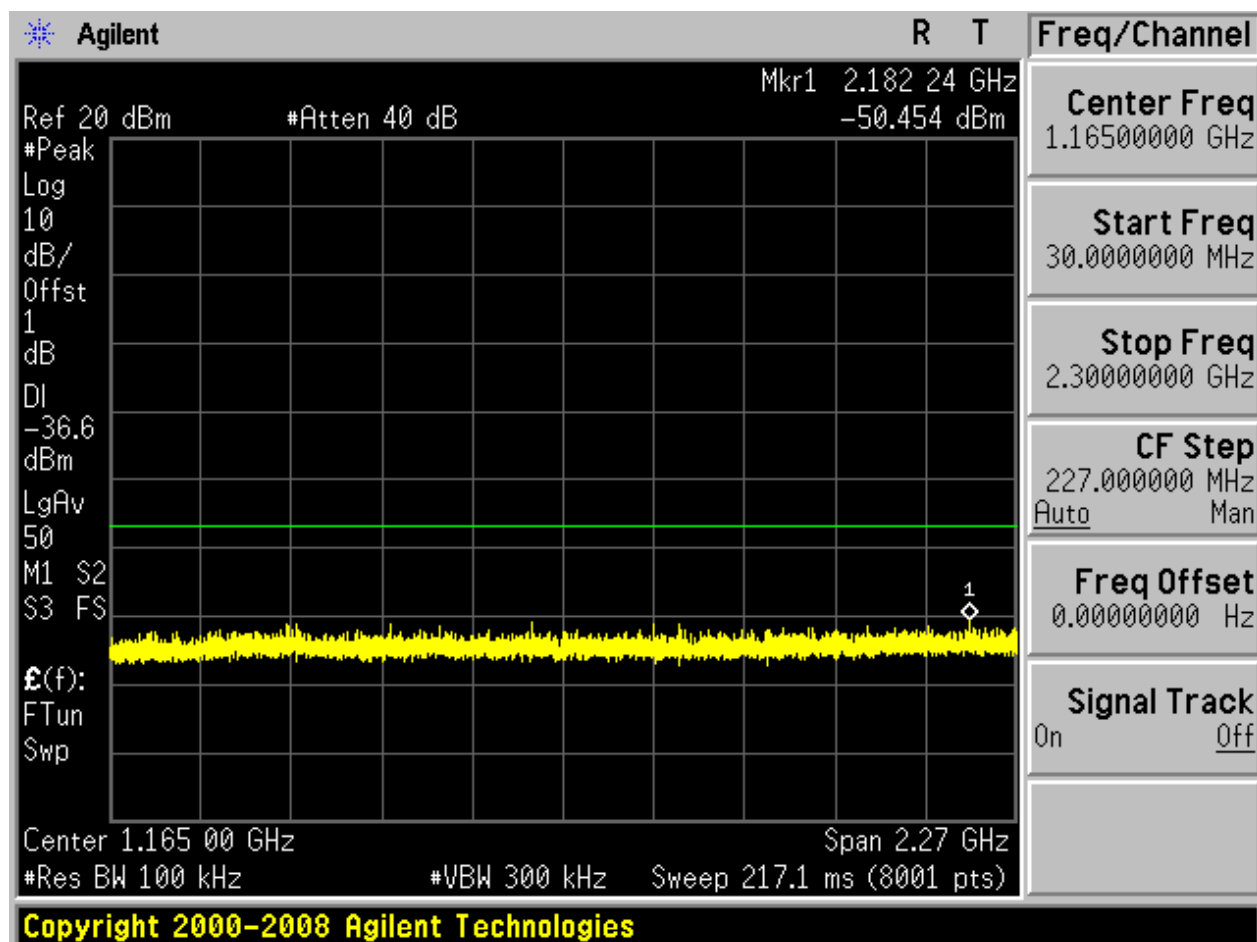


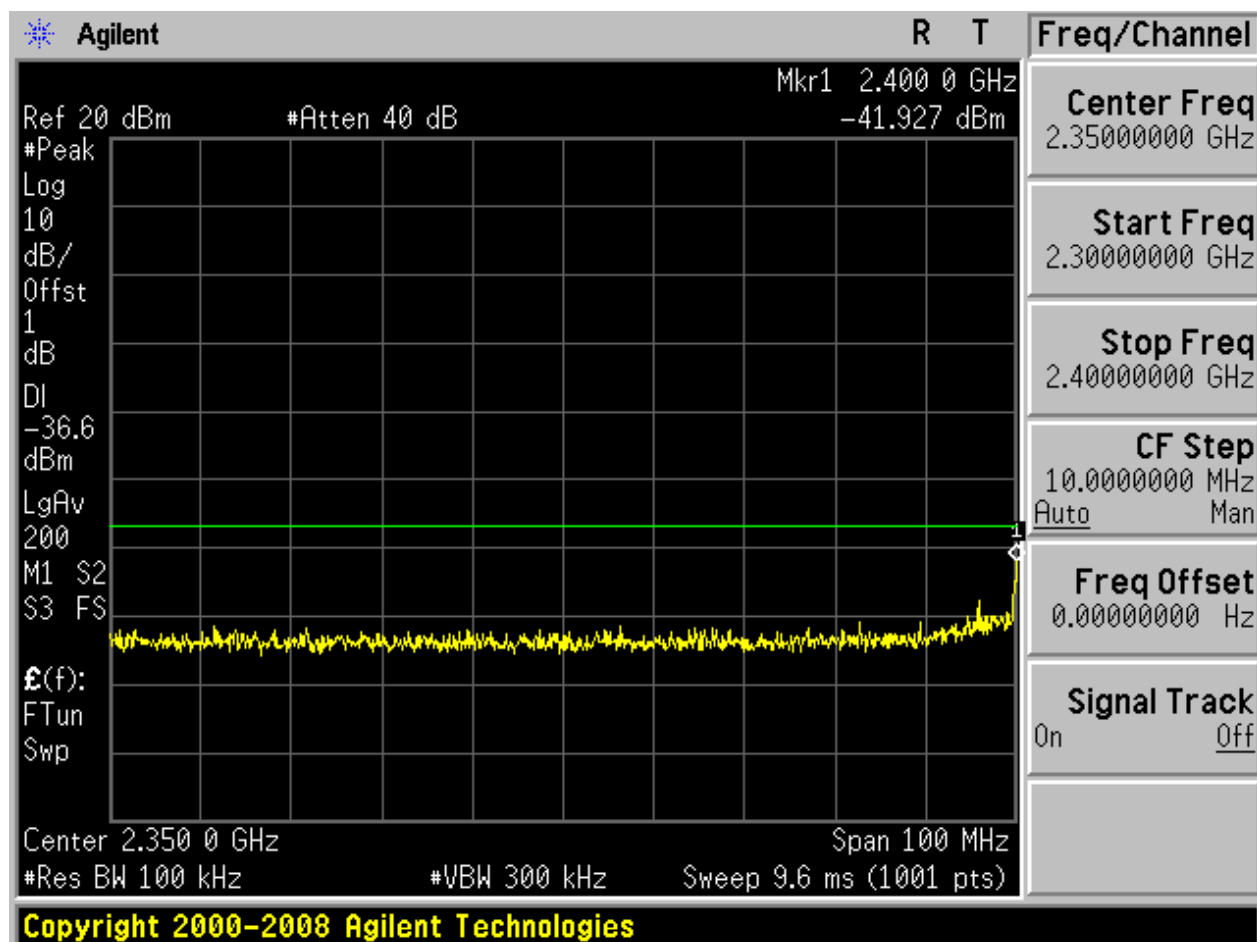


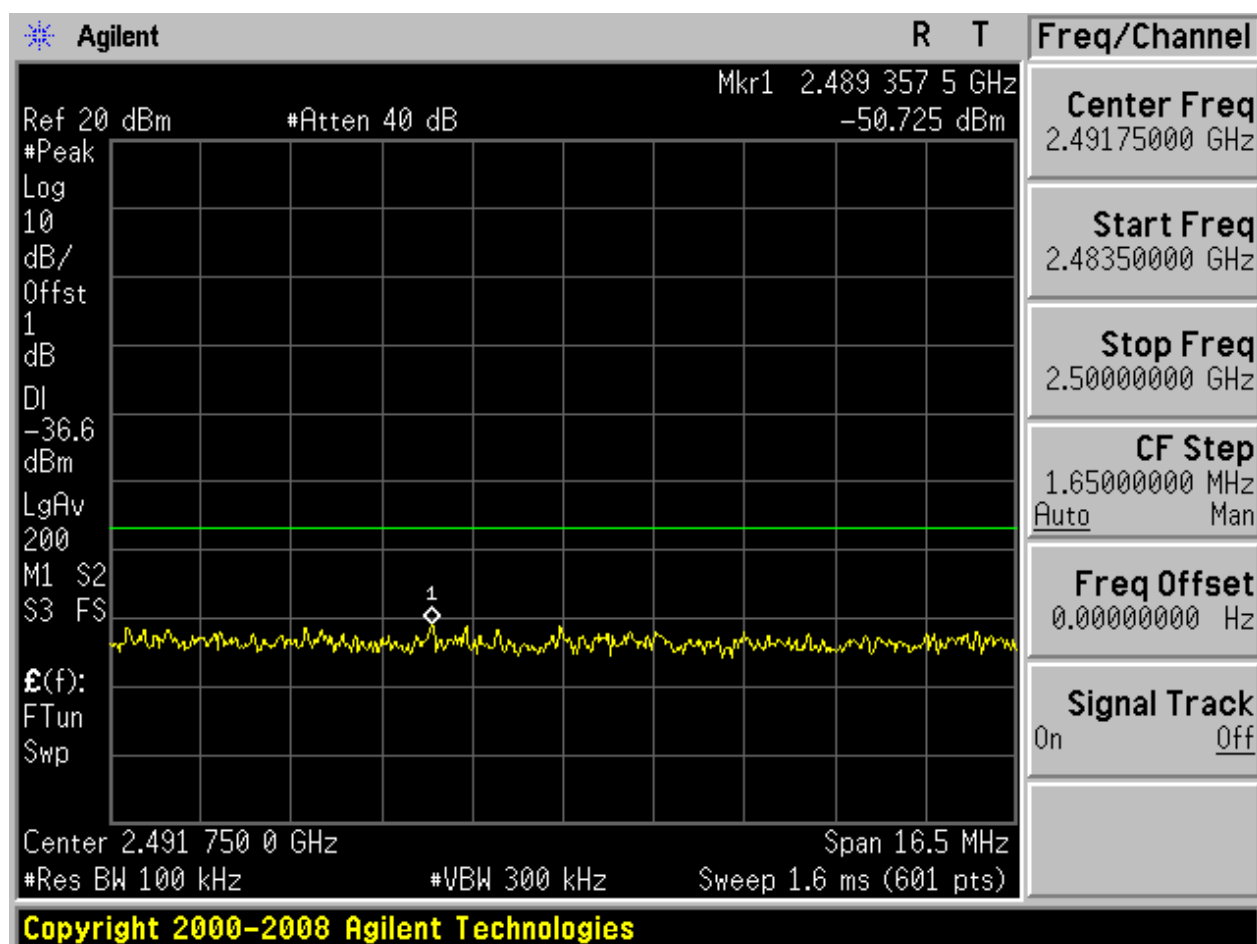
Puw:

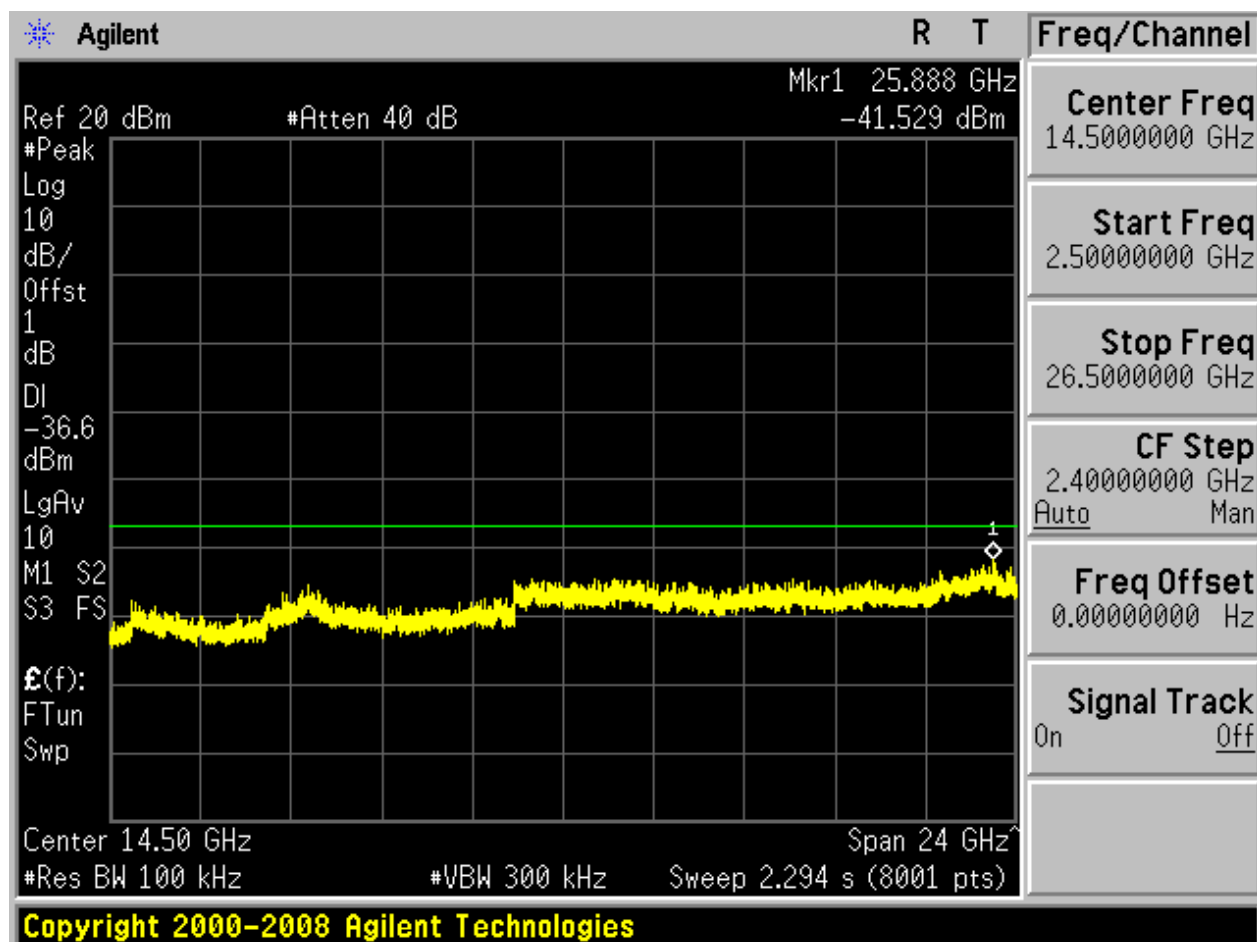








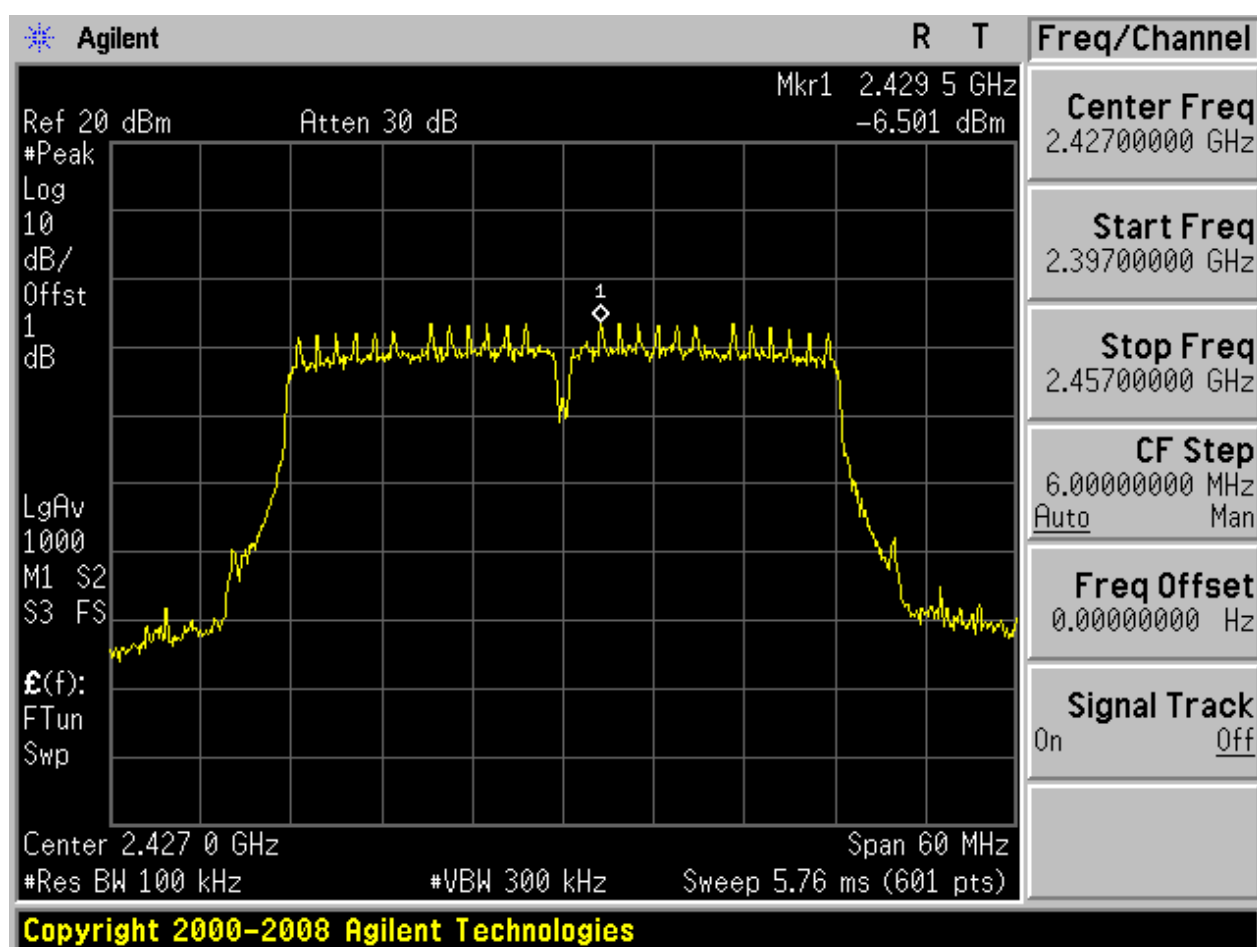






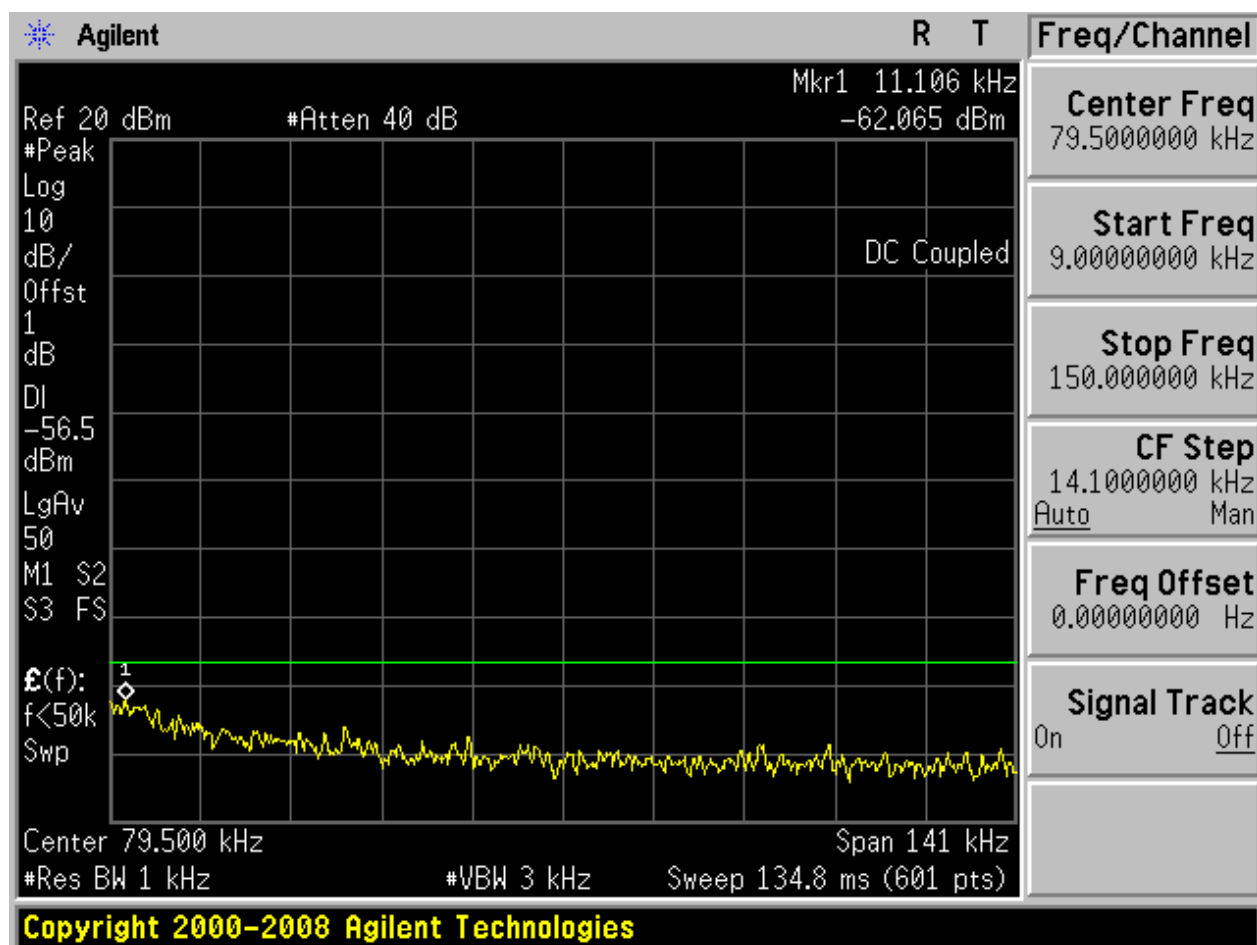
2.33 11N40m_M@Ant 1

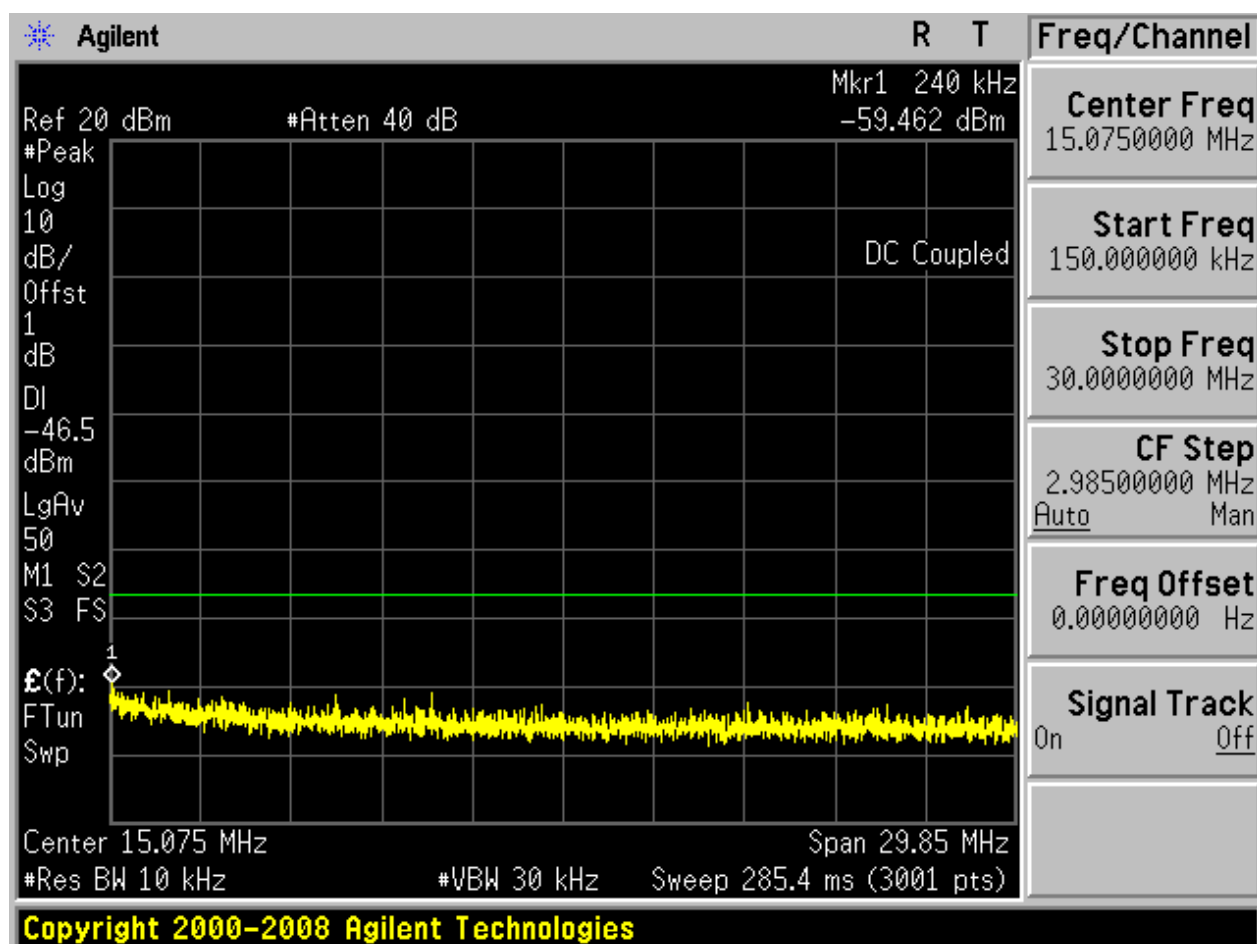
Pref:

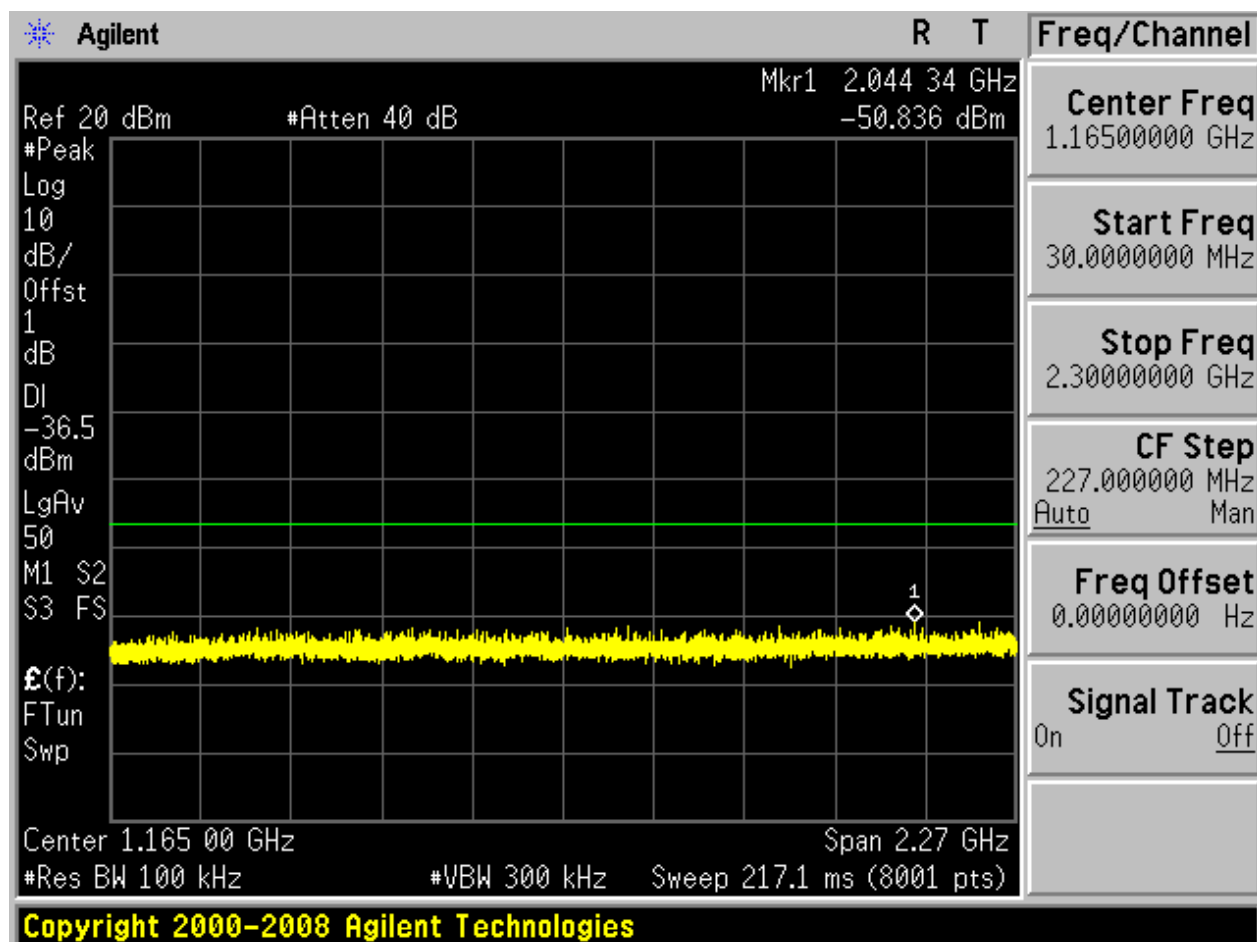


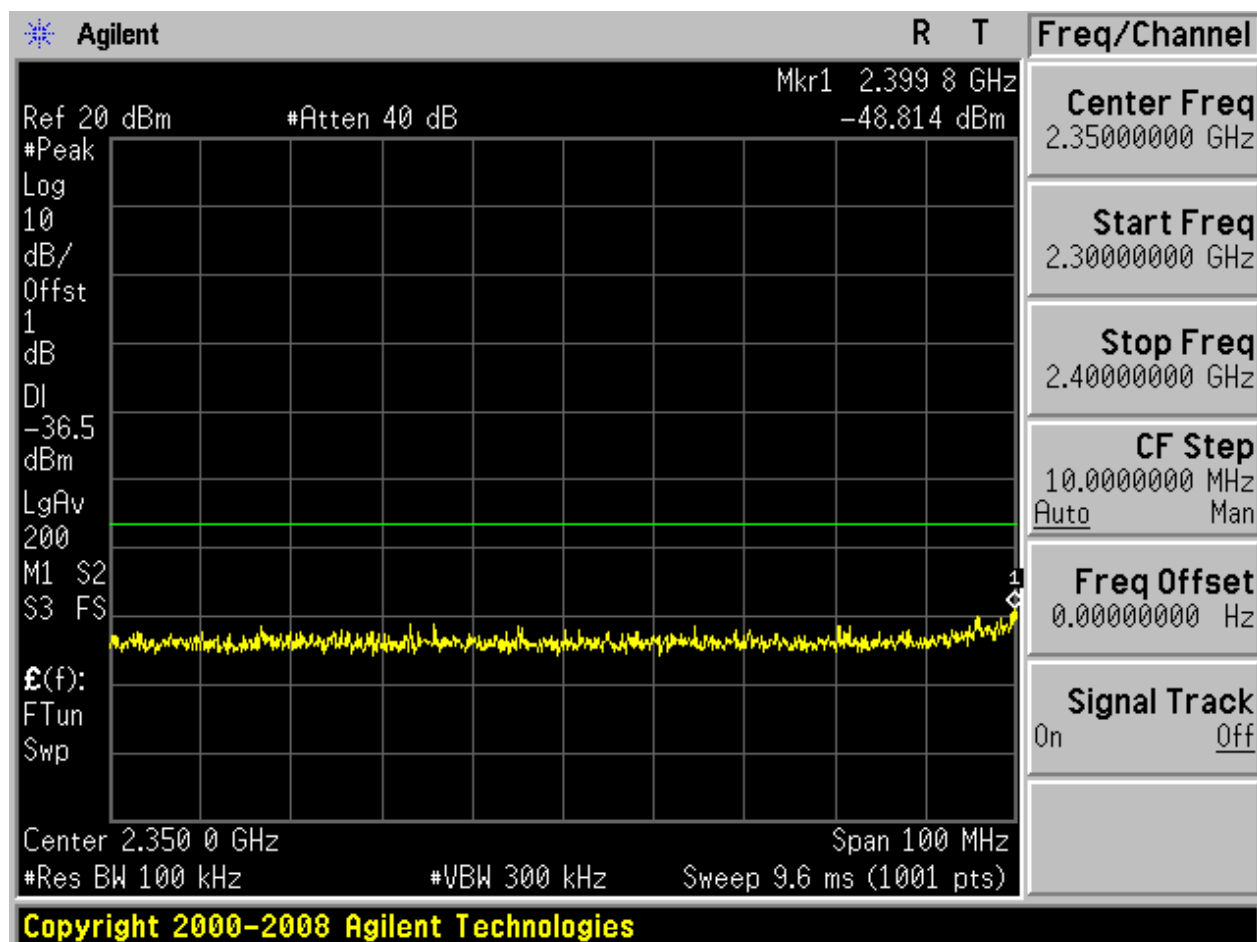


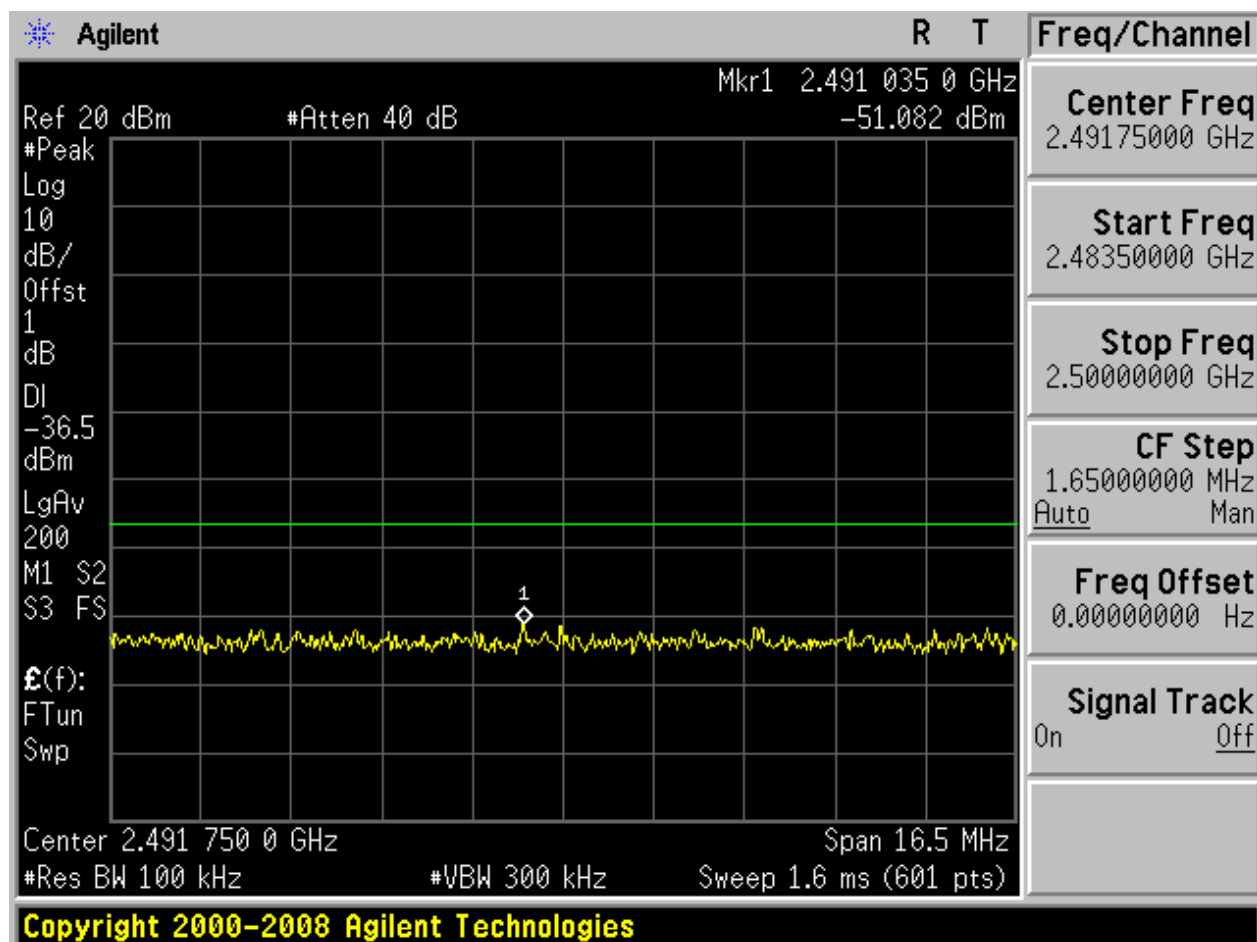
Puw:

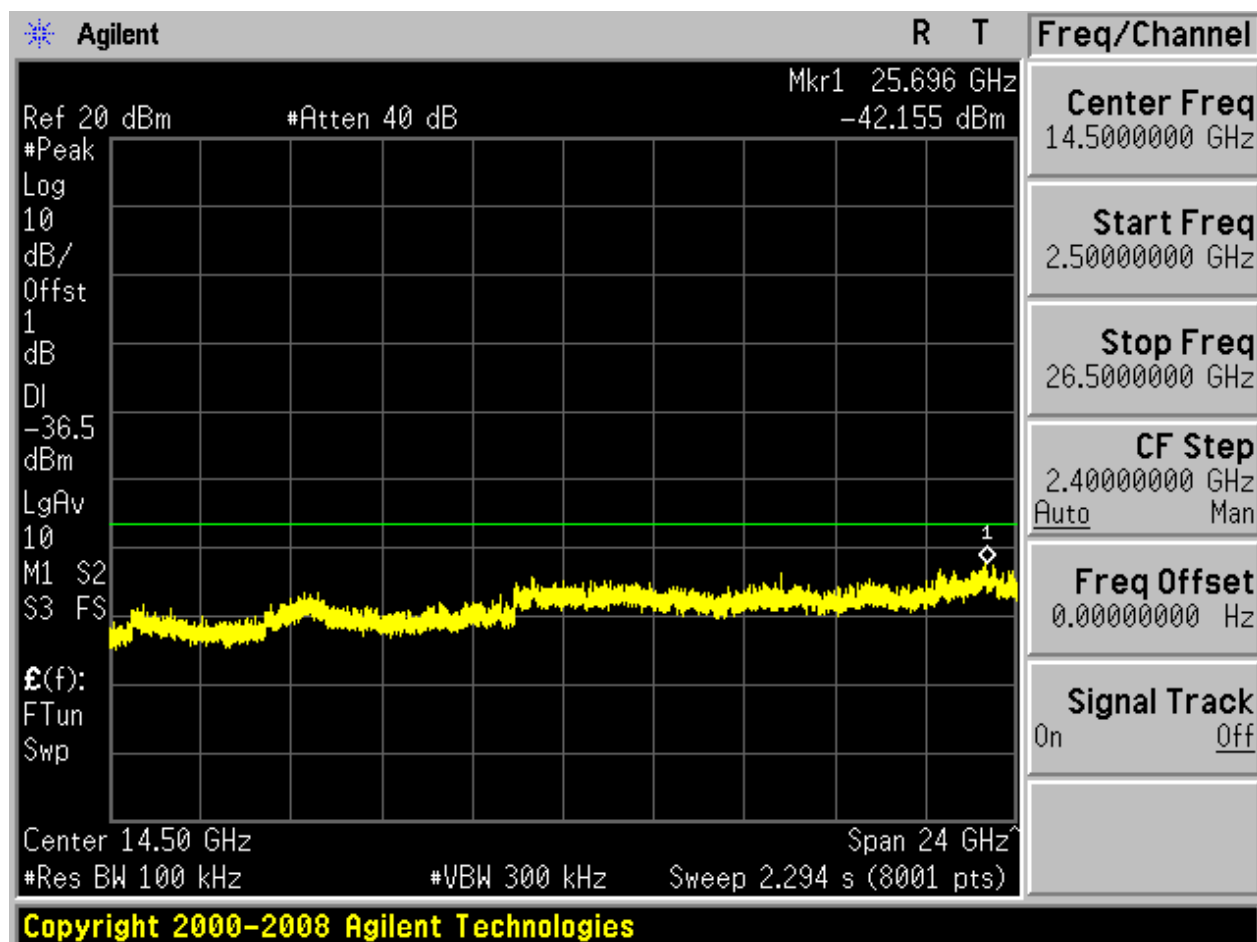








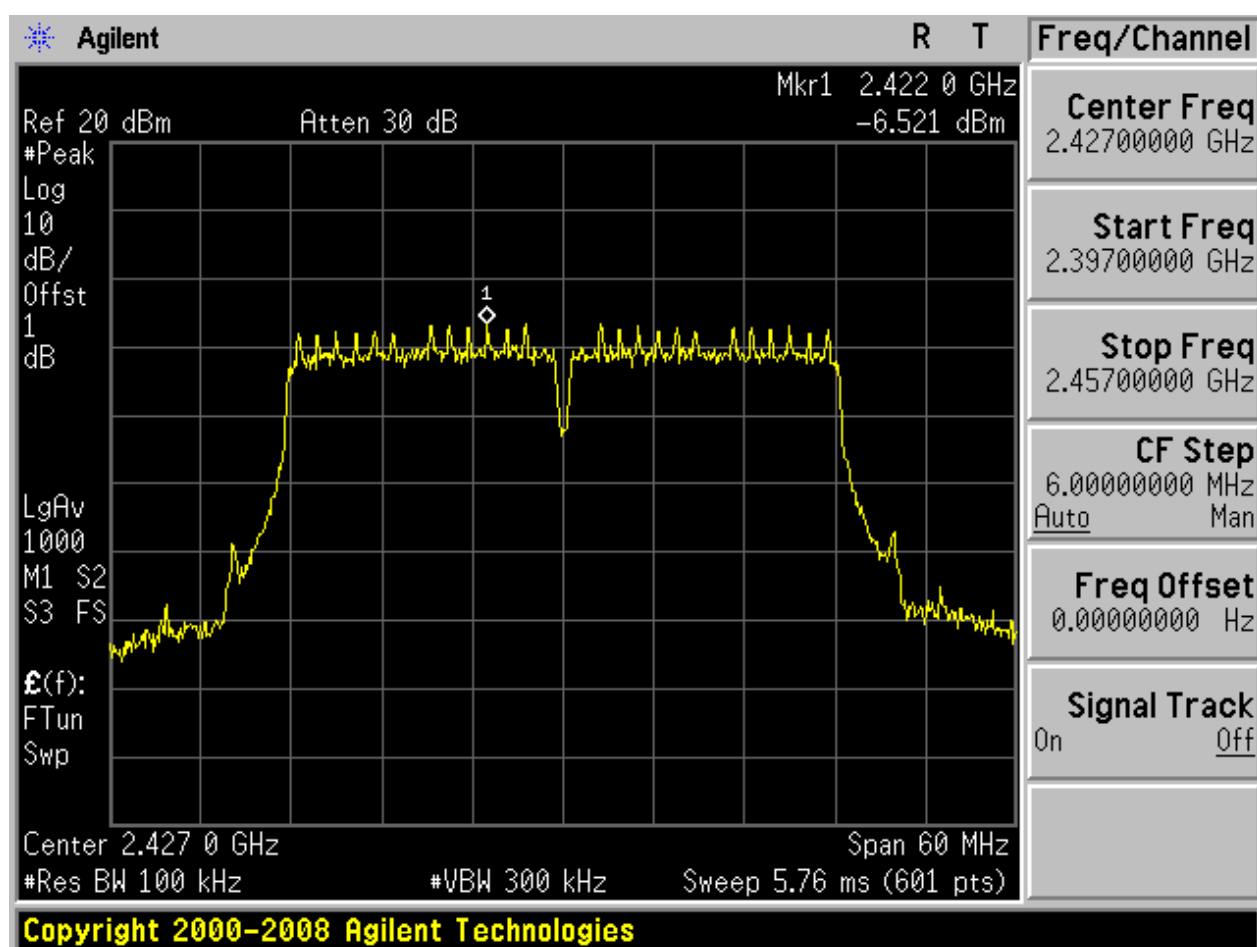






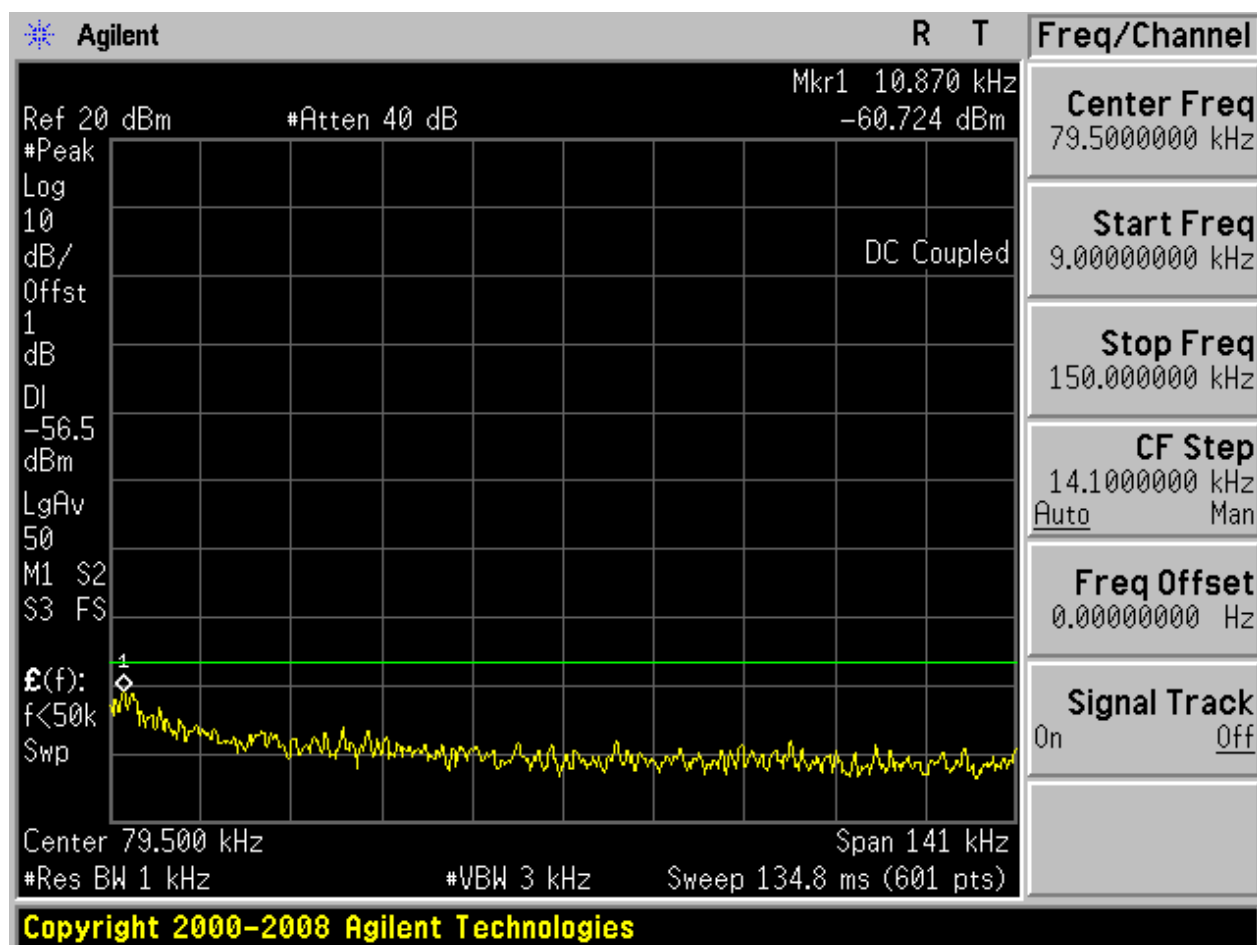
2.34 11N40m_M@Ant 2

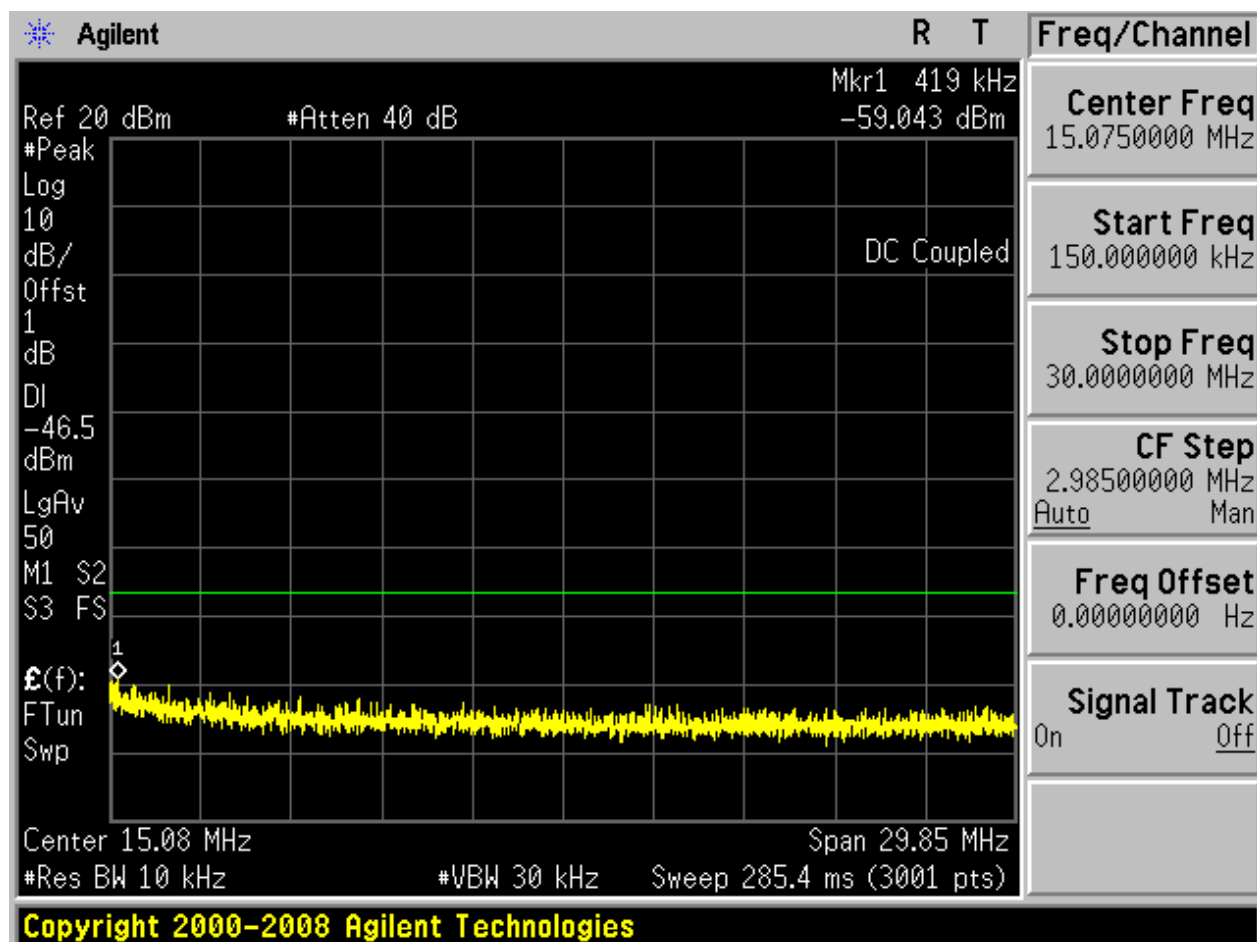
Pref:

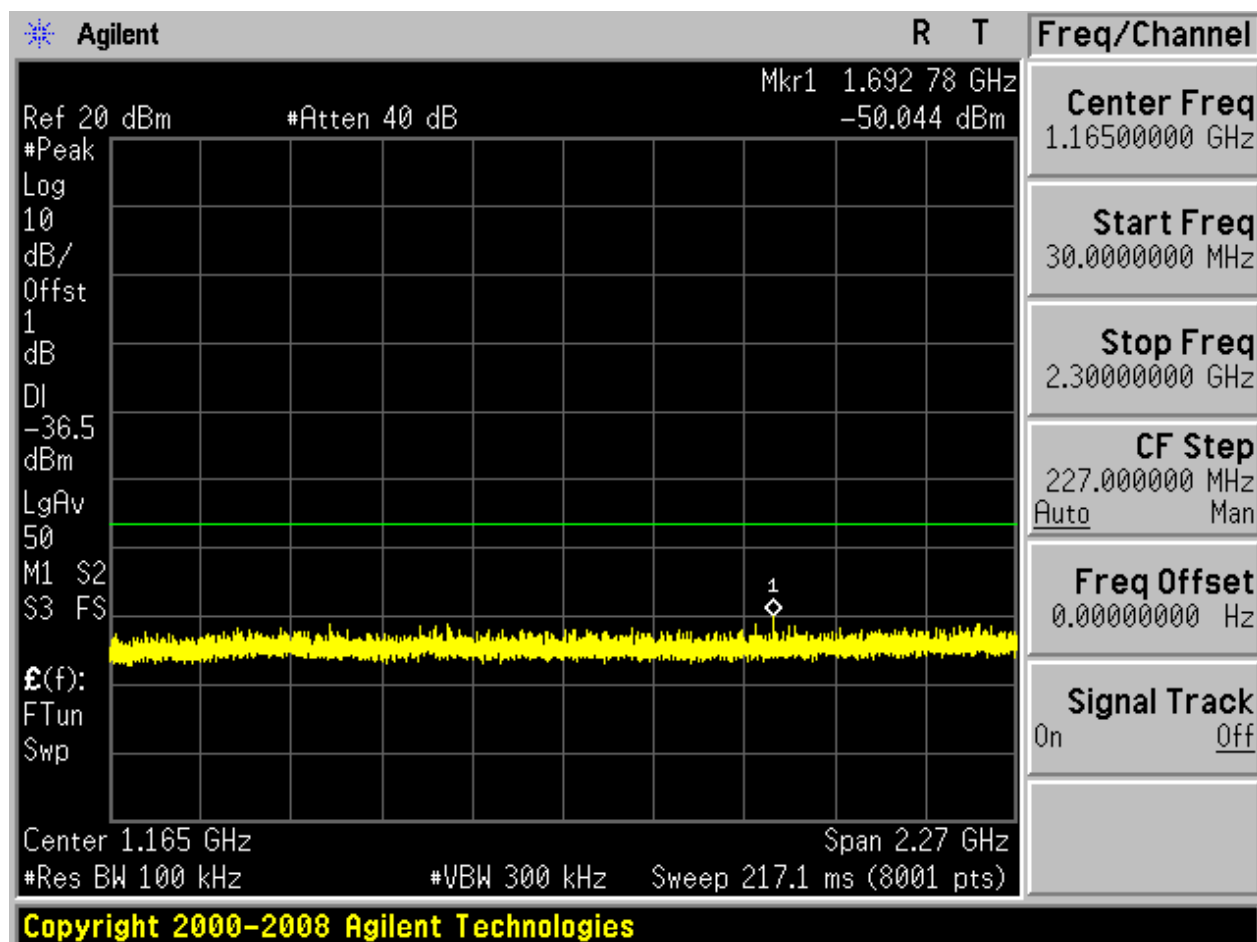


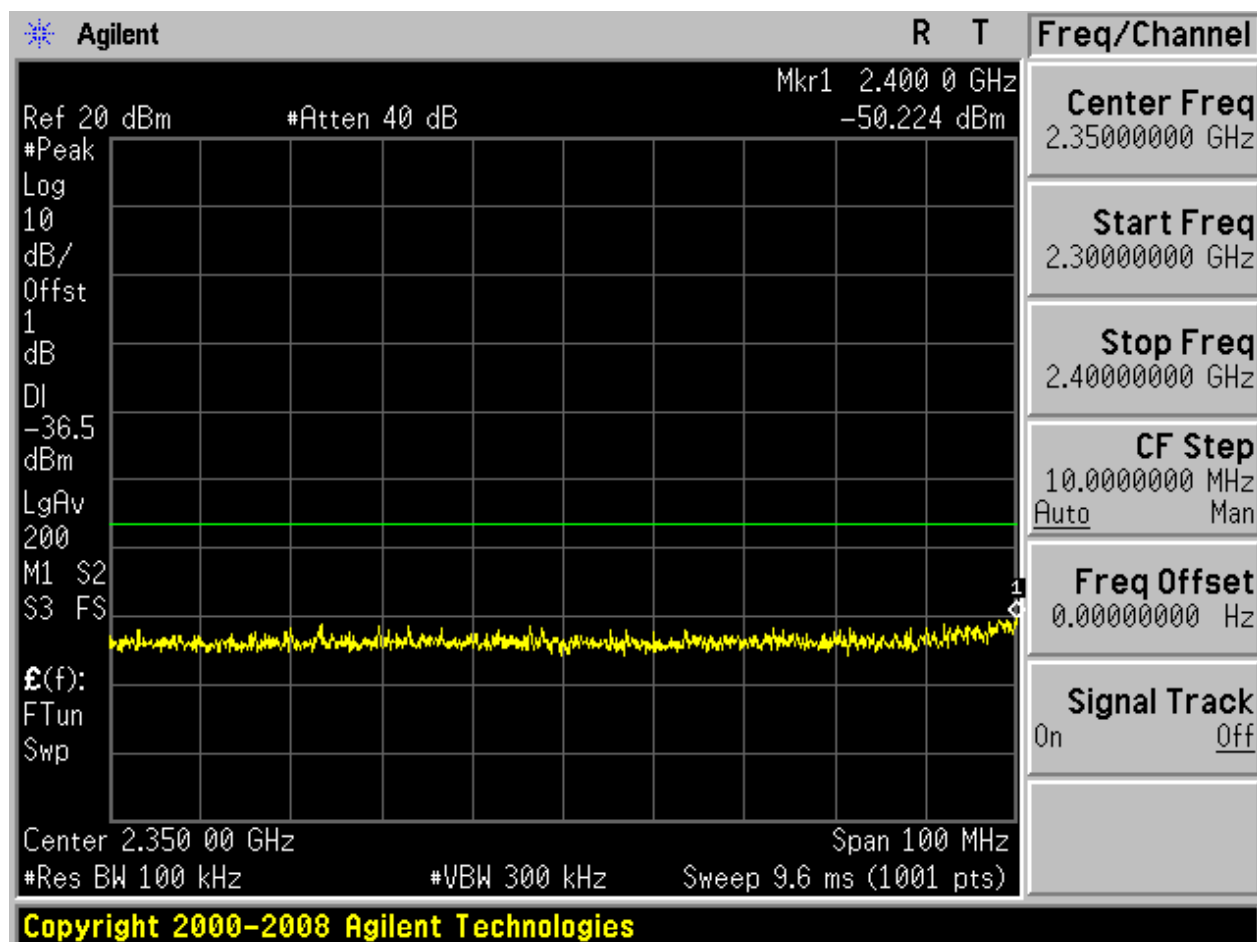


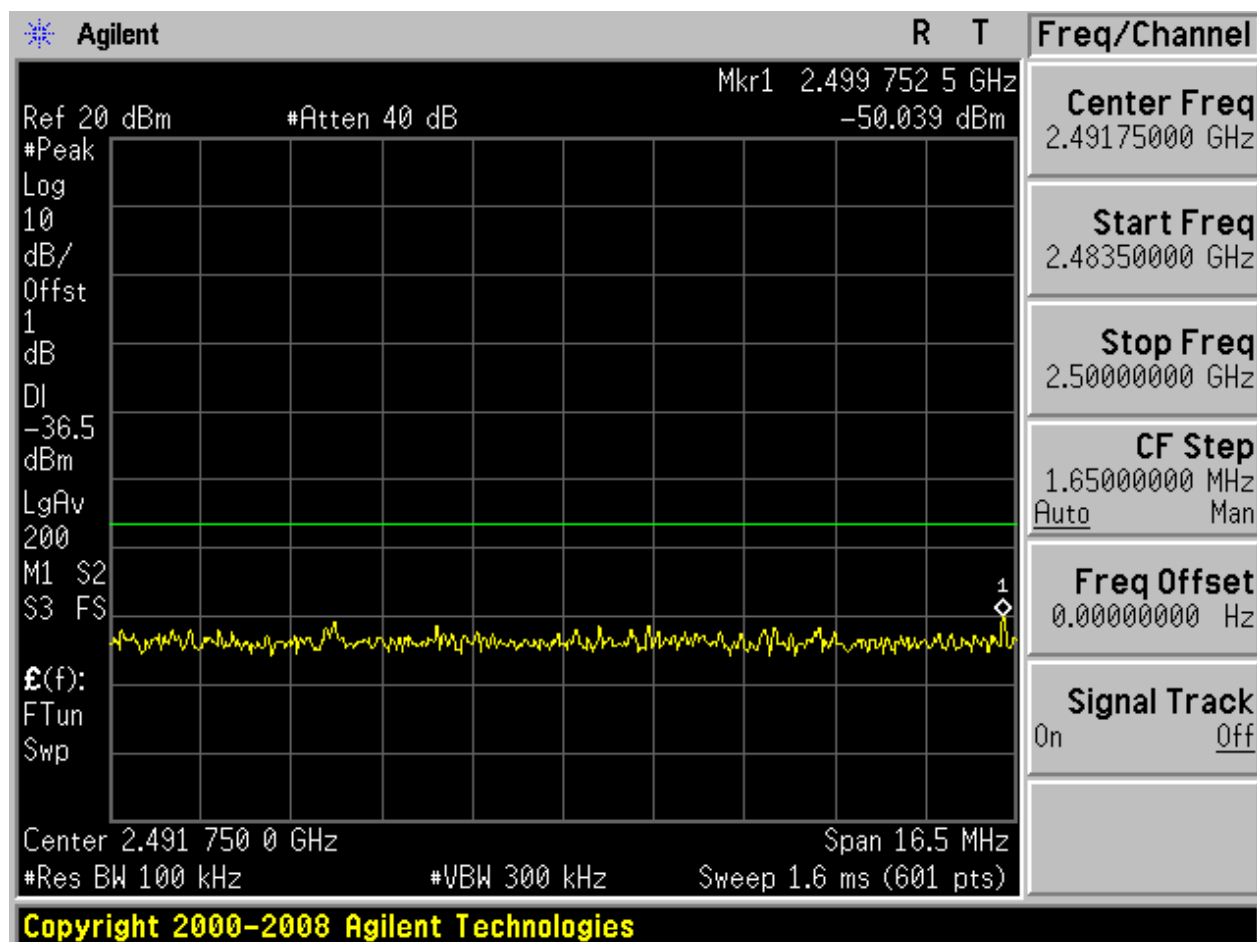
Puw:

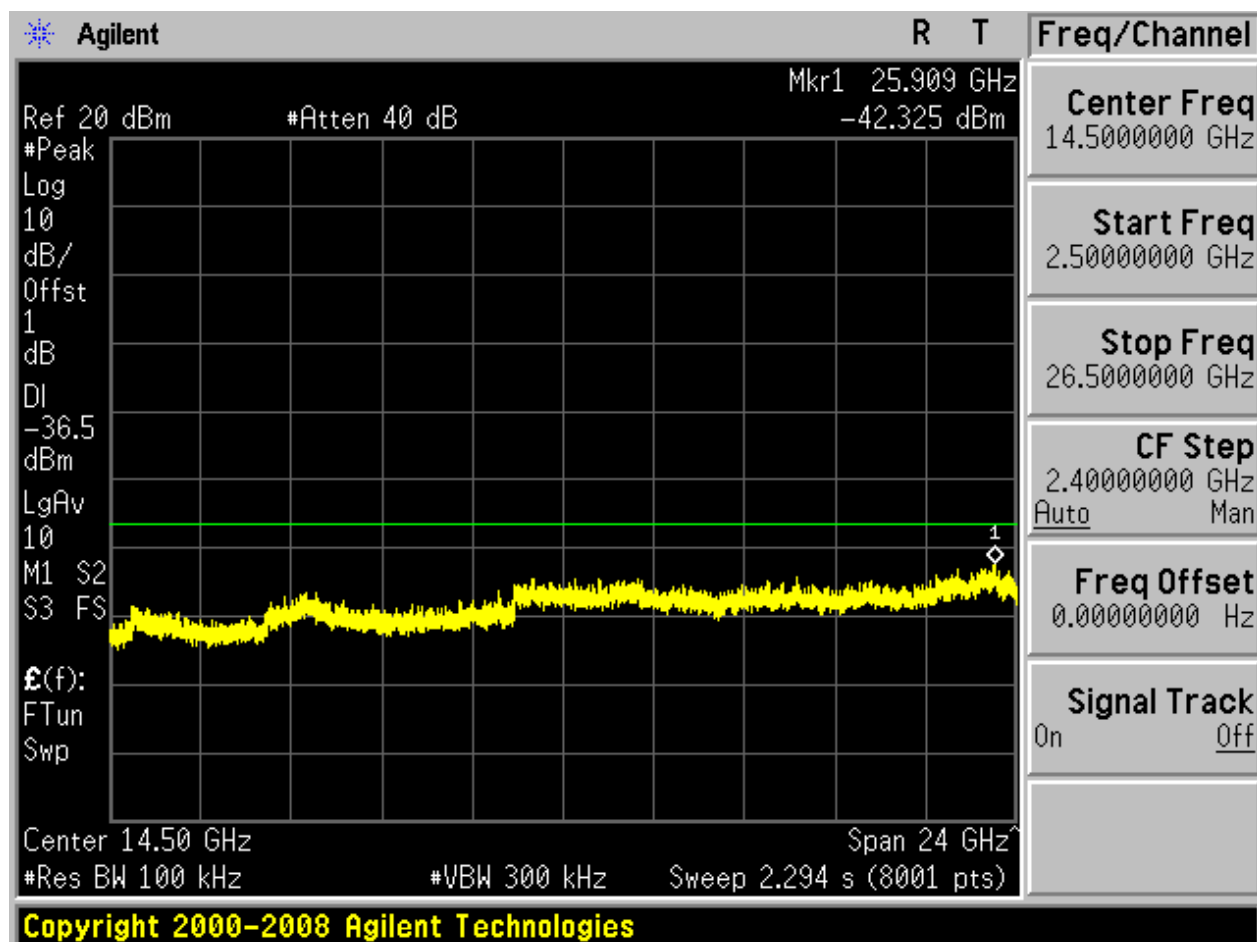








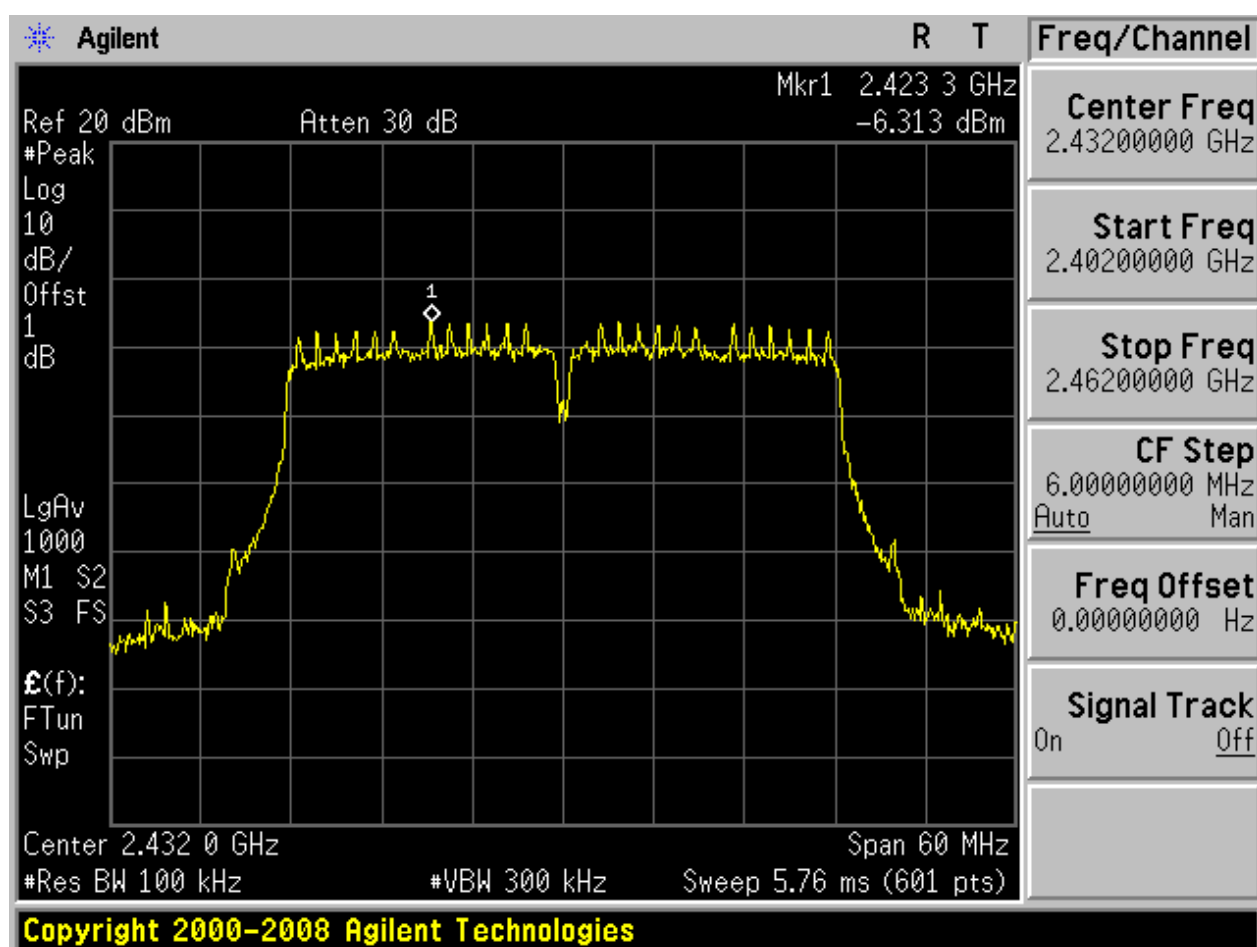






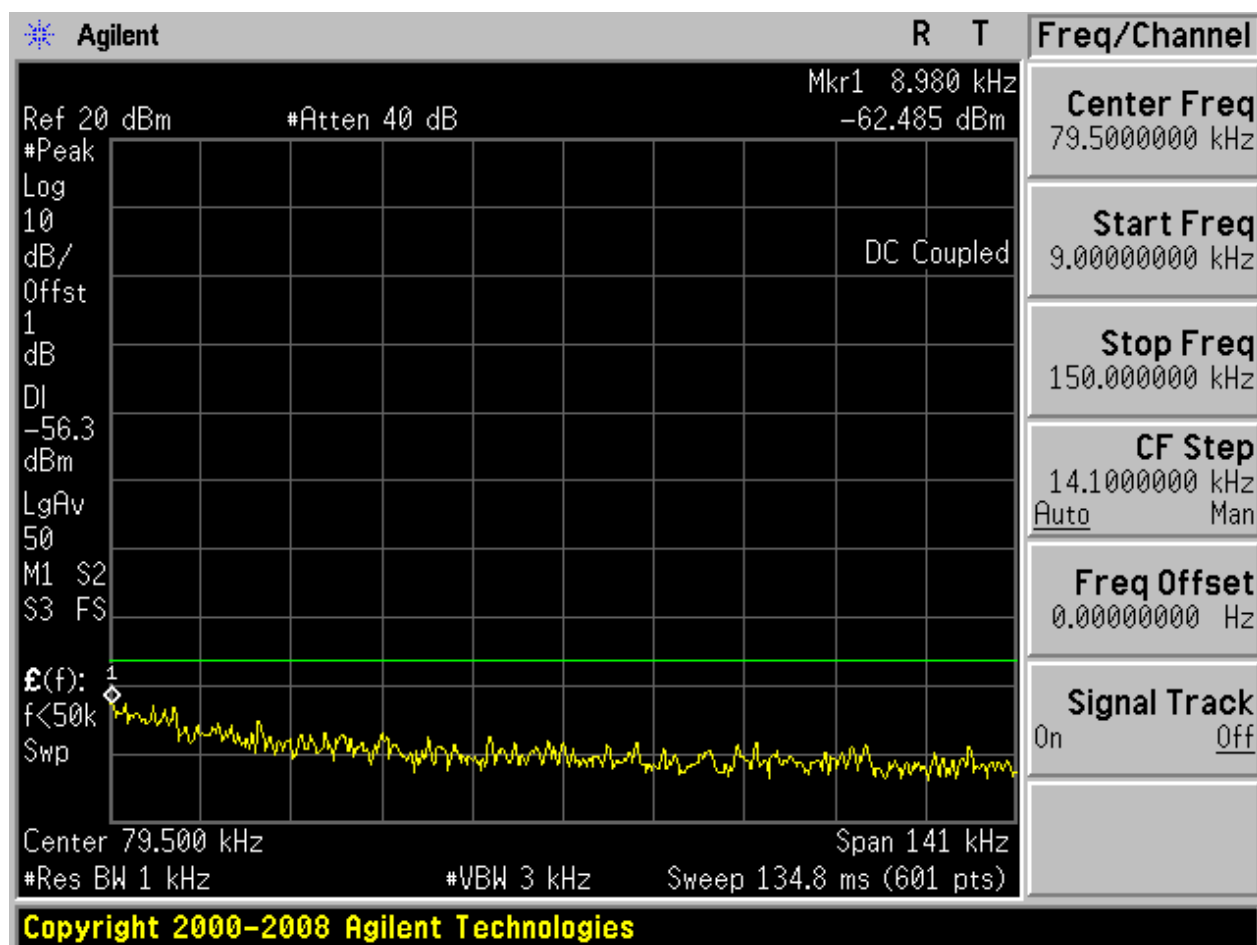
2.35 11N40m_H@Ant 1

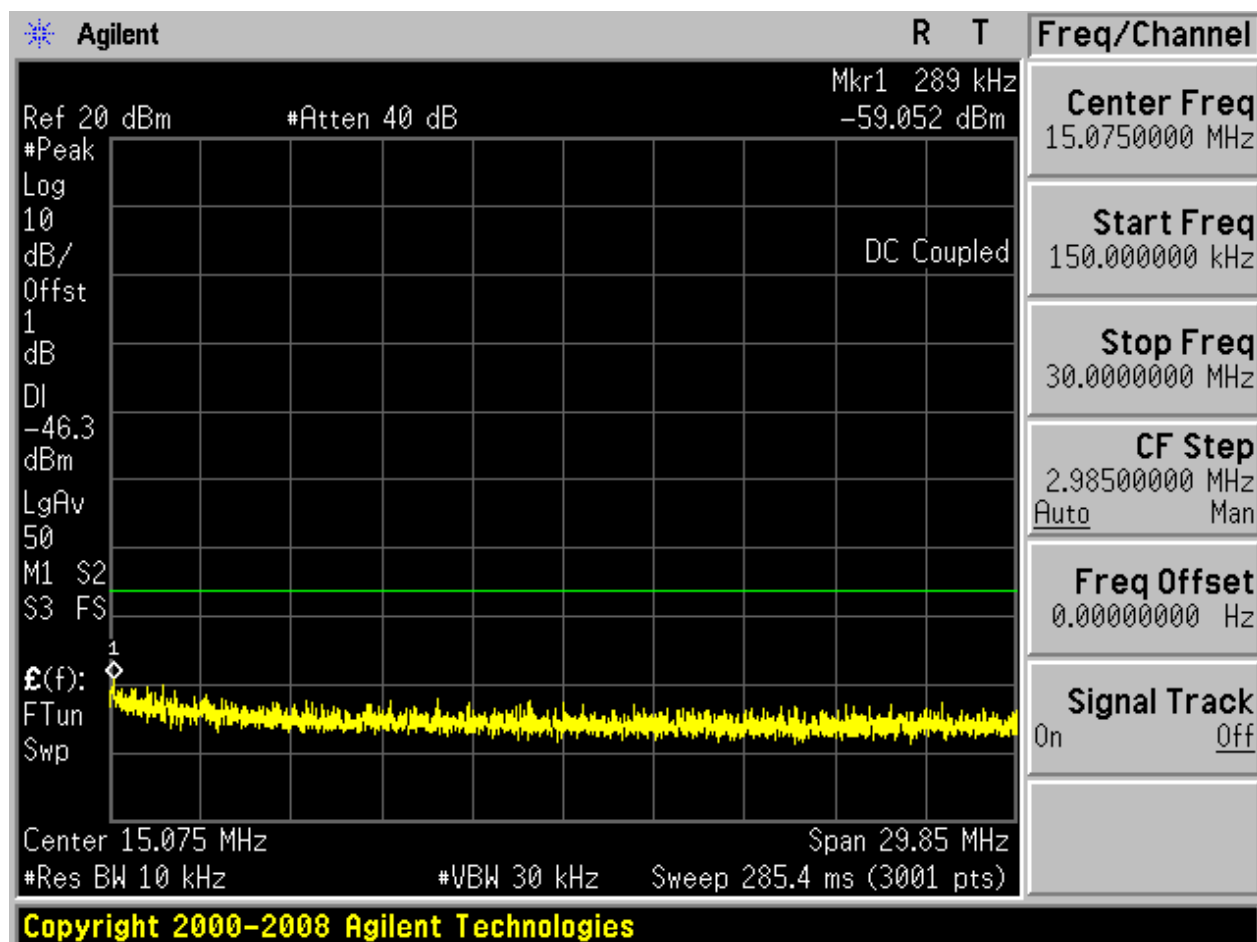
Pref:

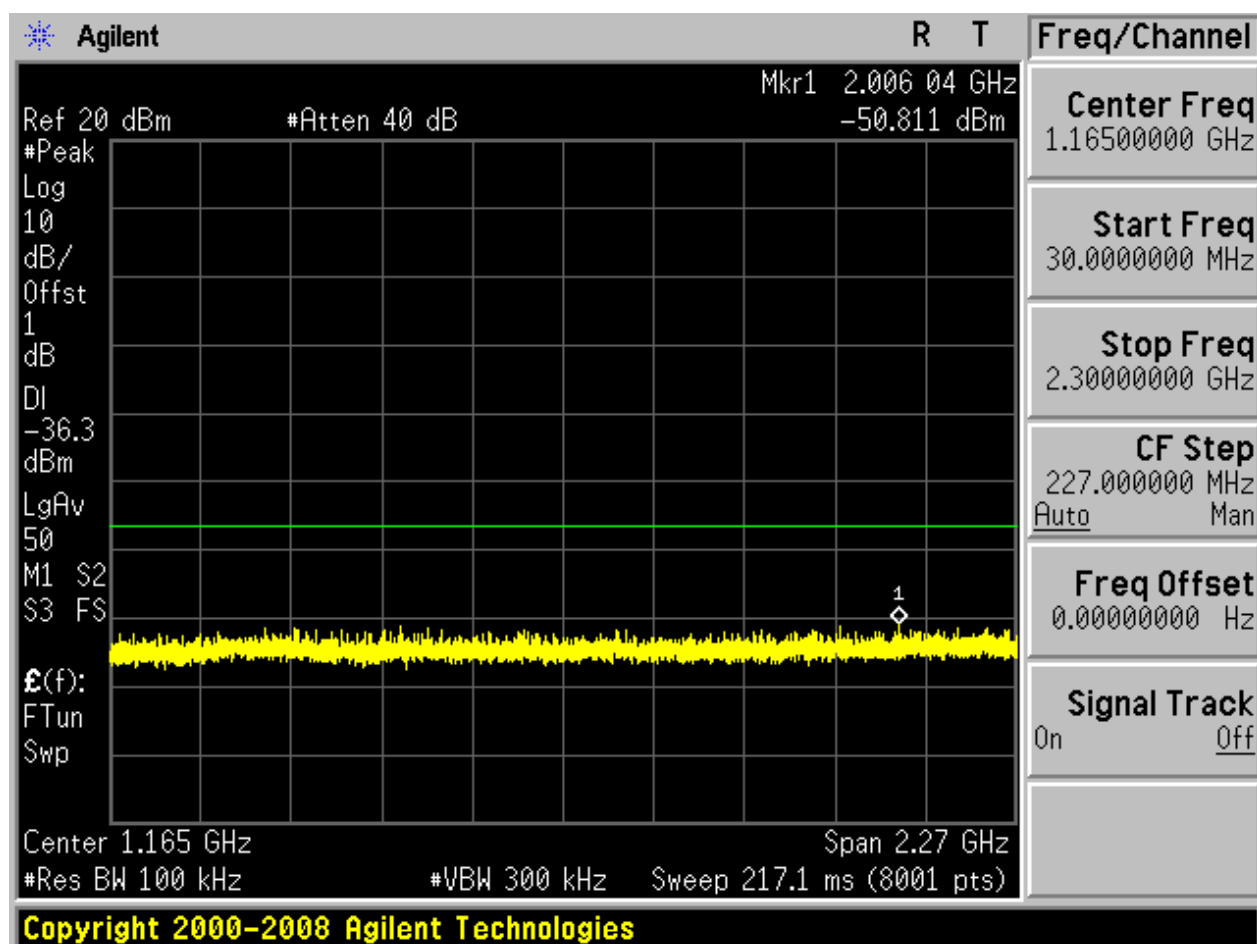


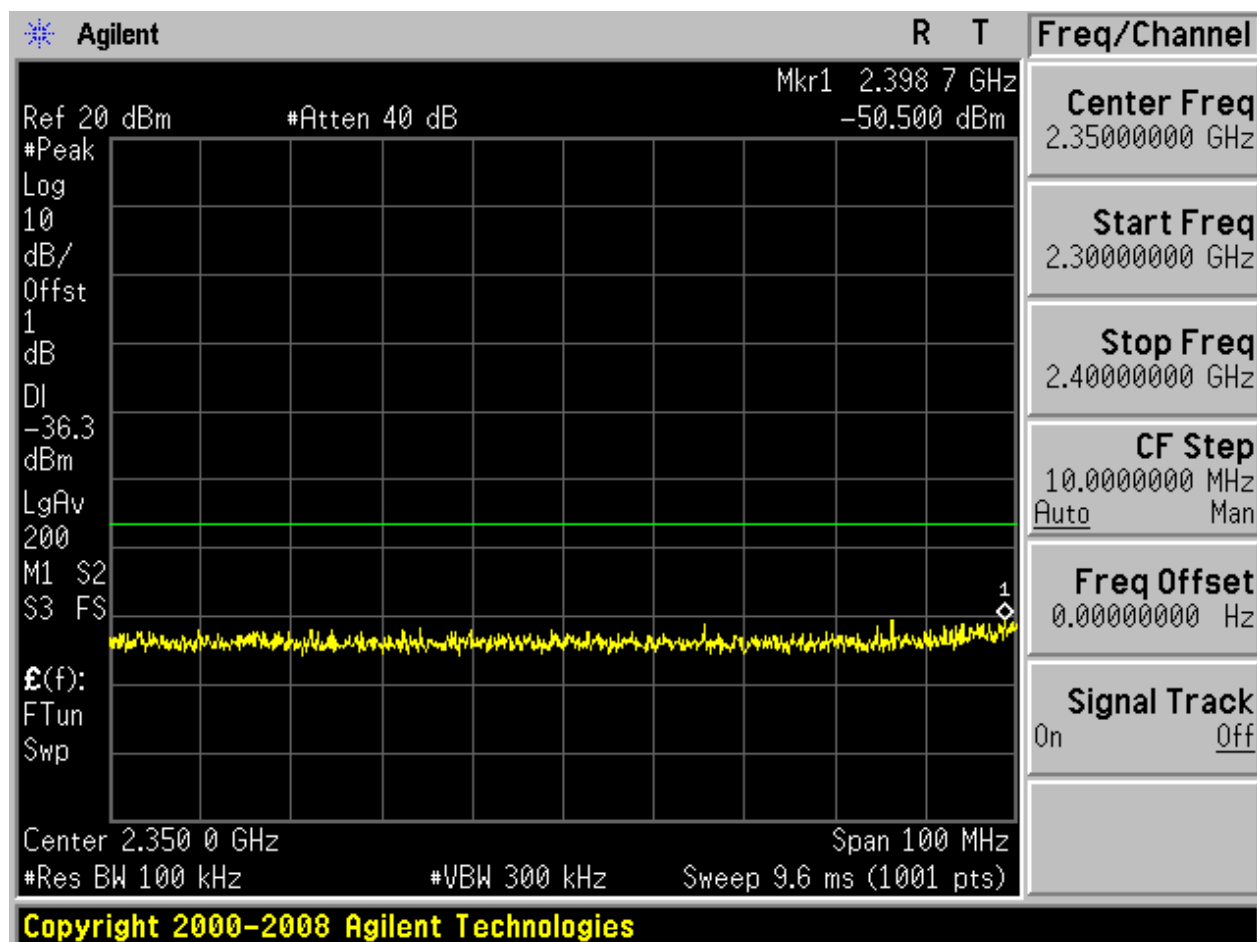


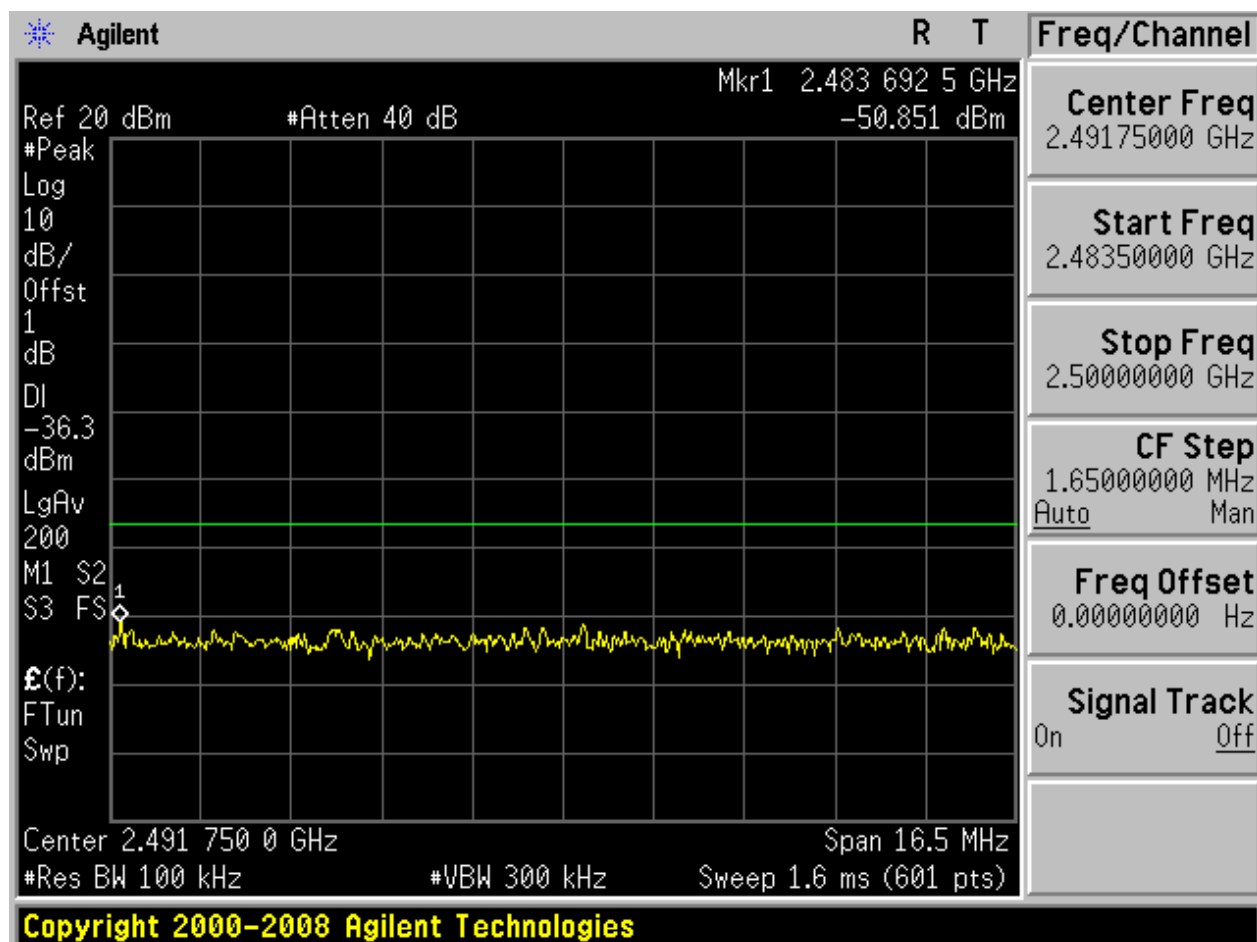
Puw:

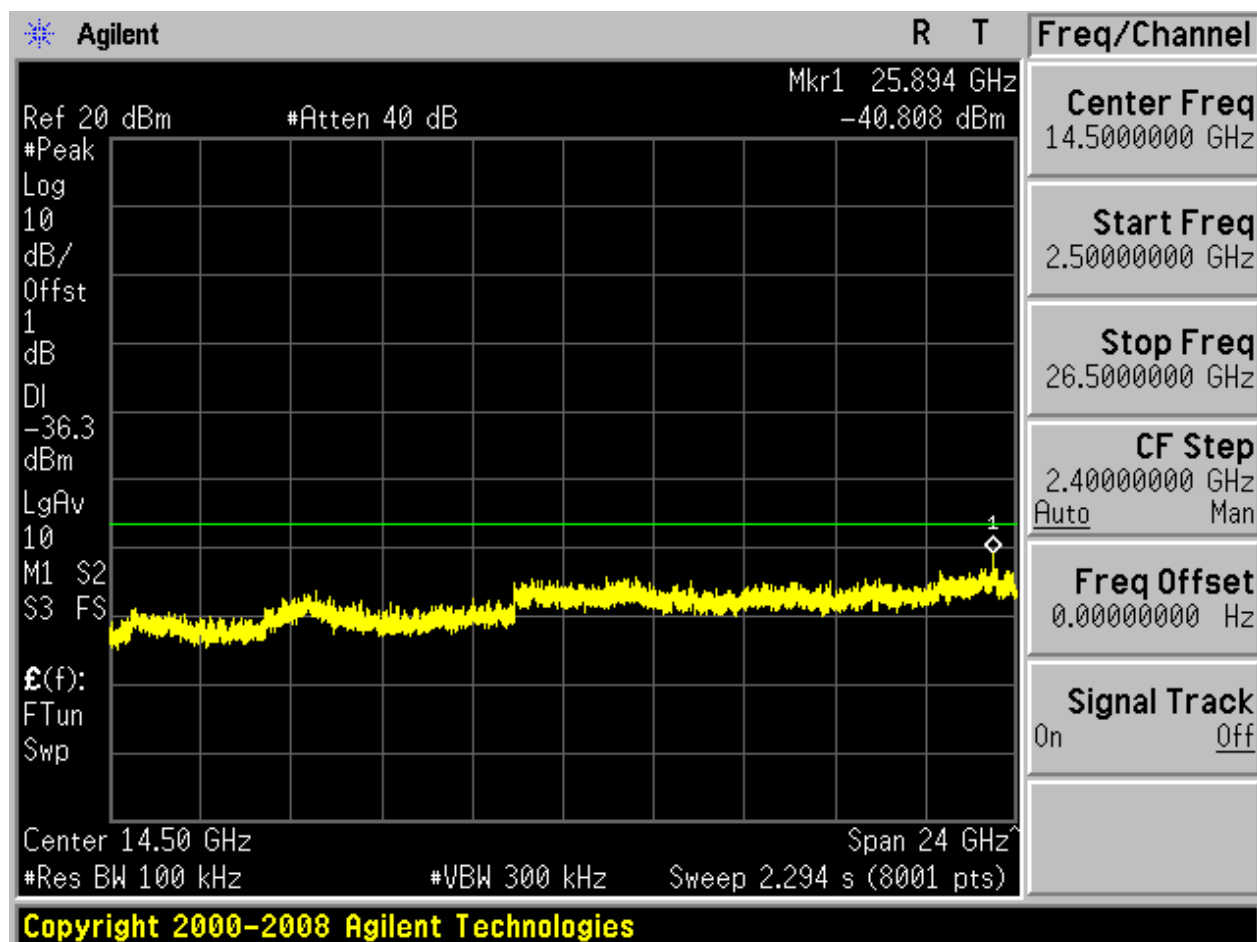








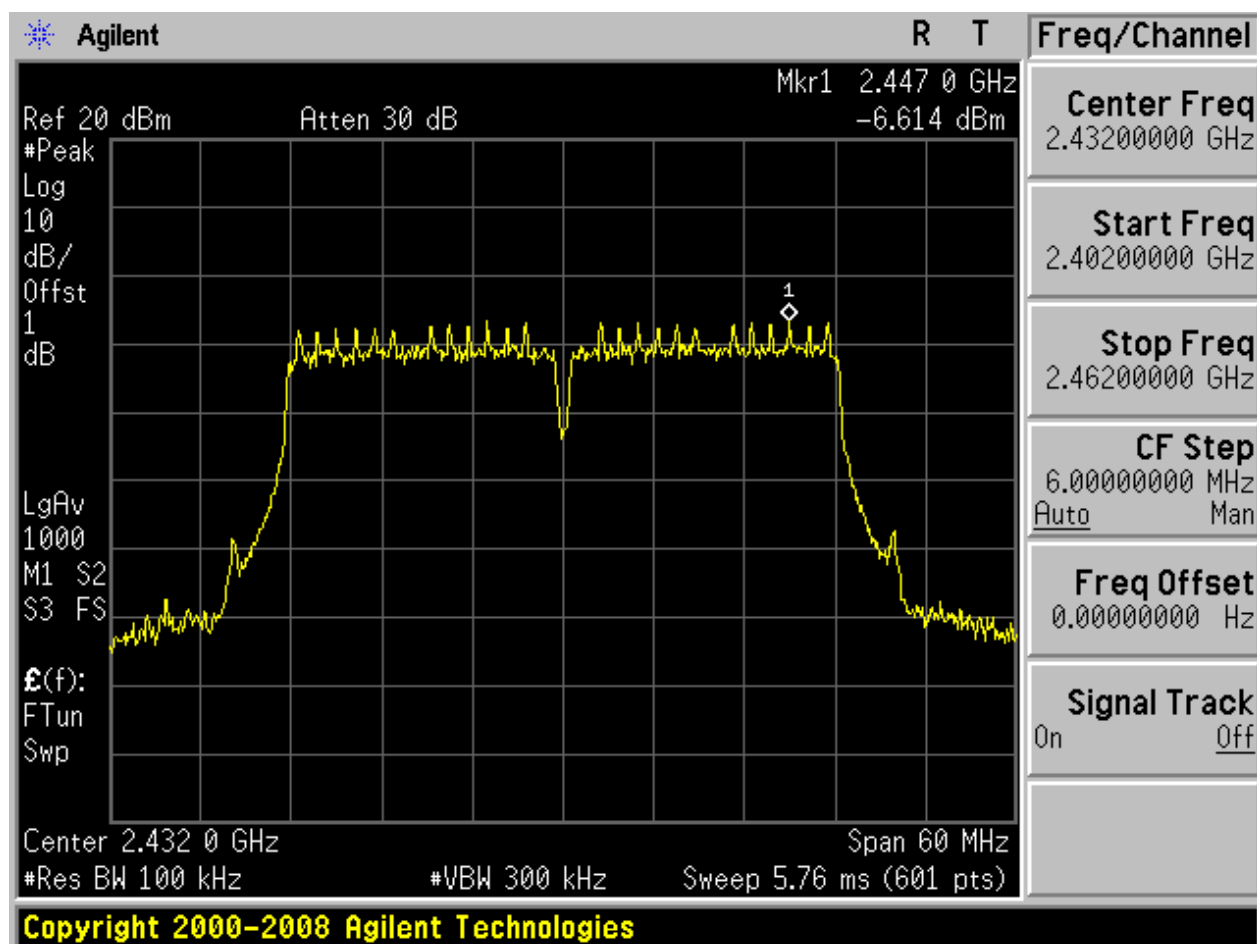






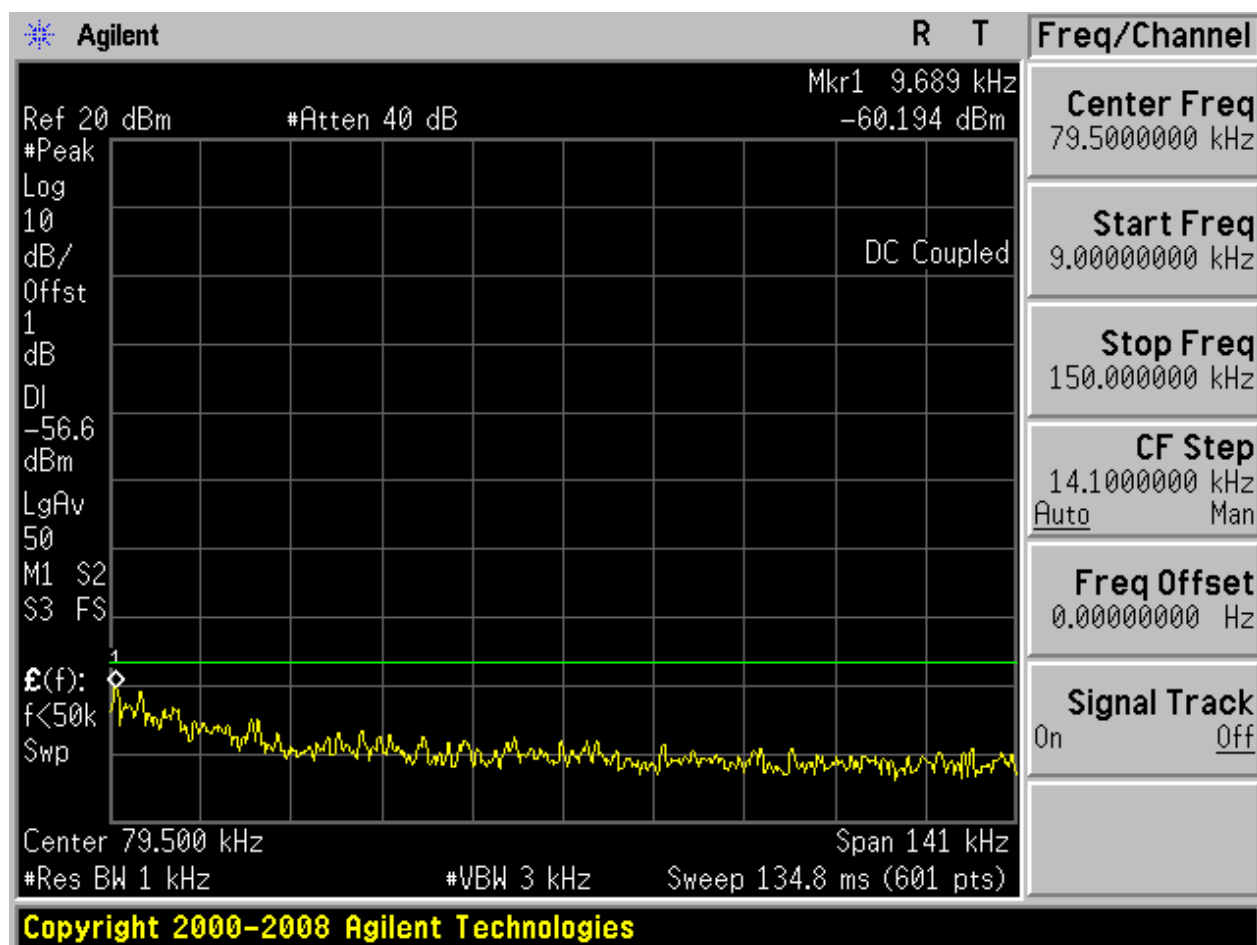
2.36 11N40m_H@Ant 2

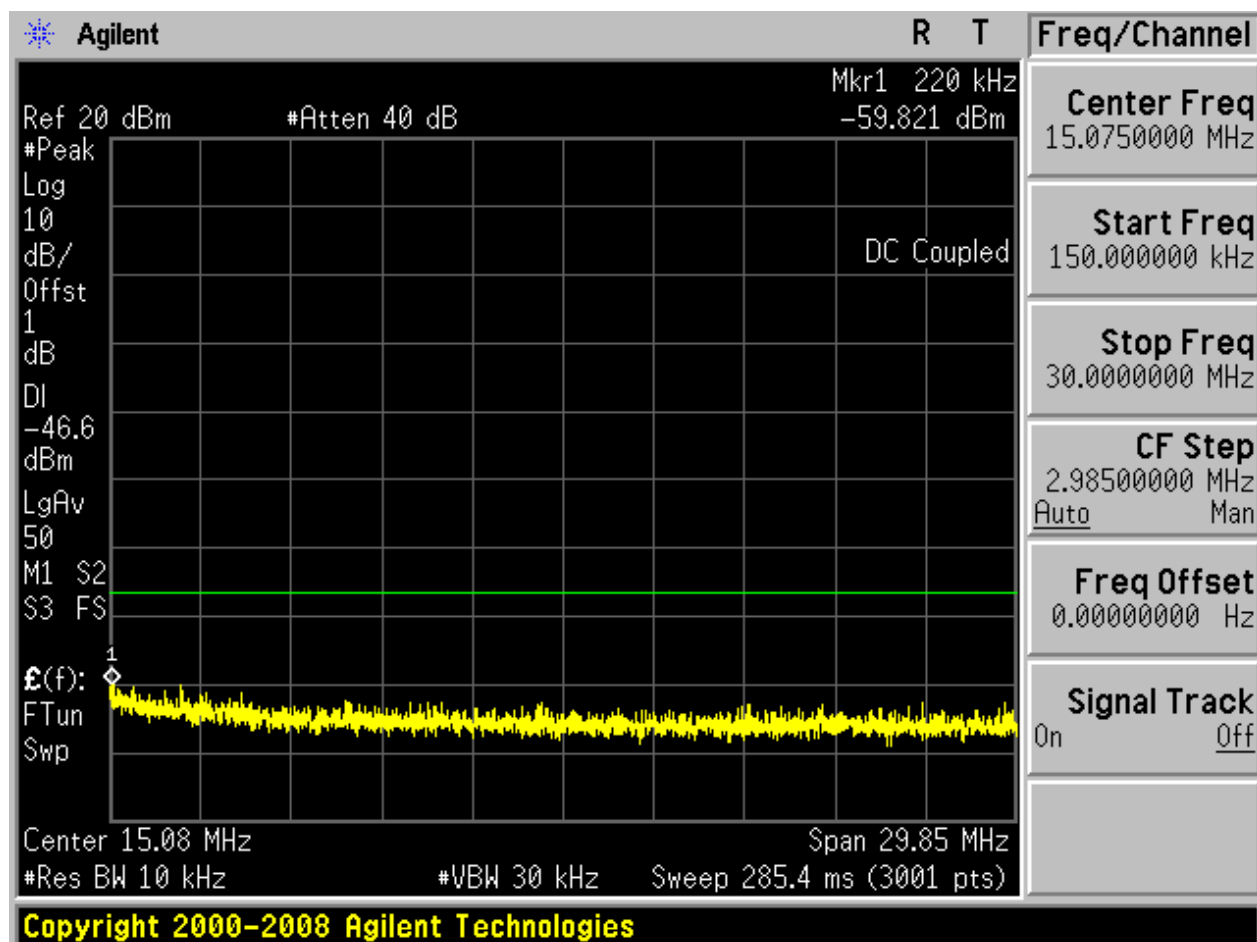
Pref:

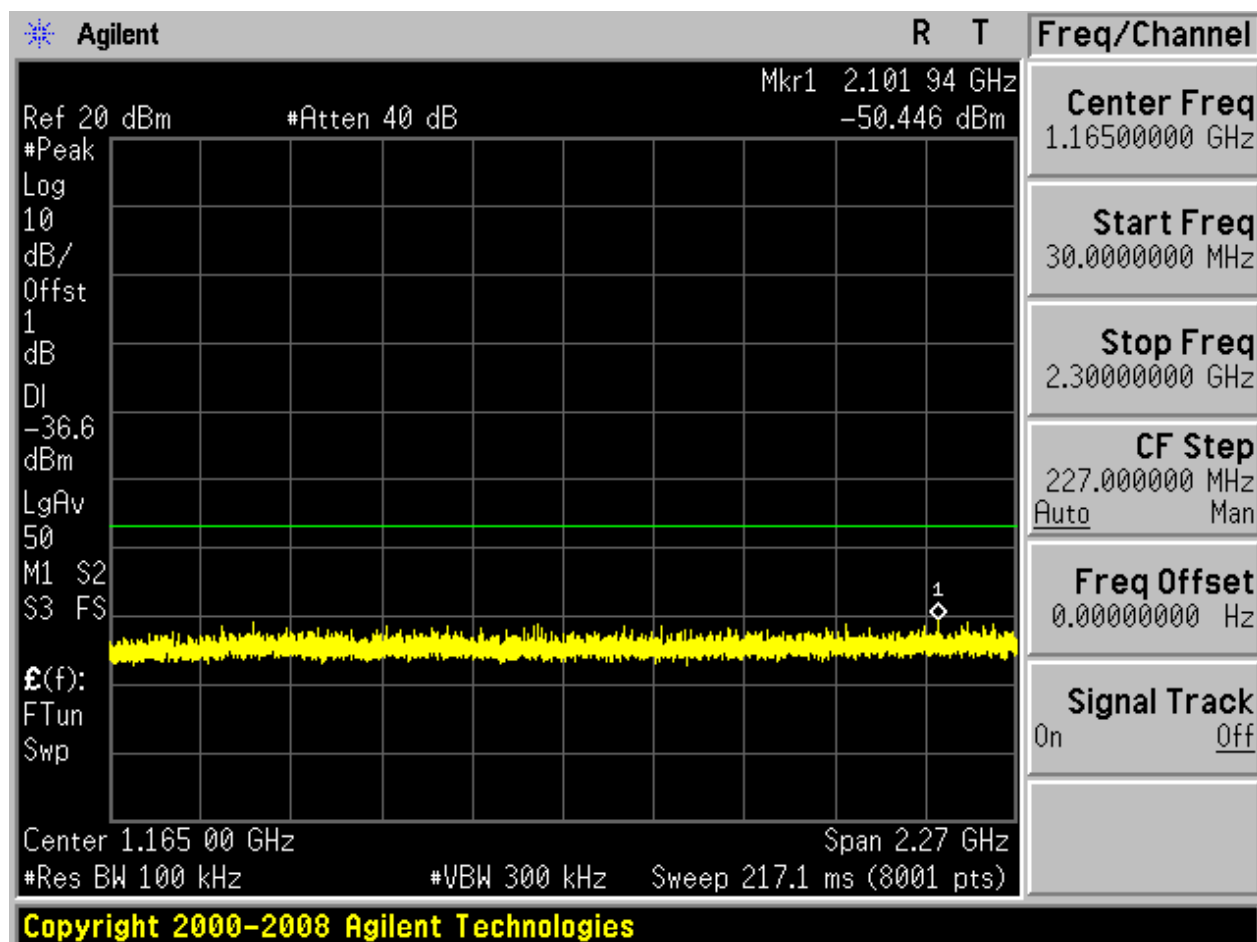


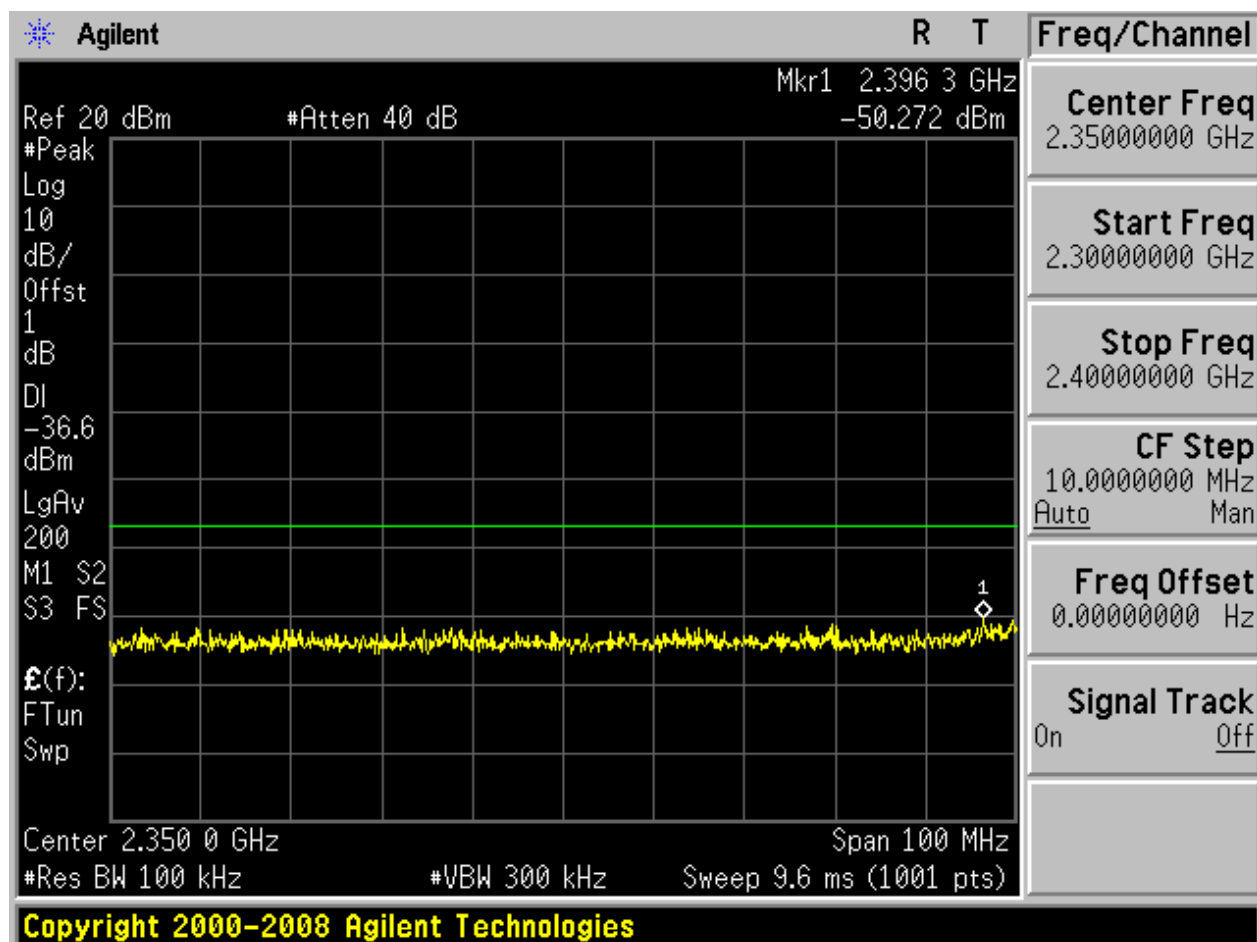


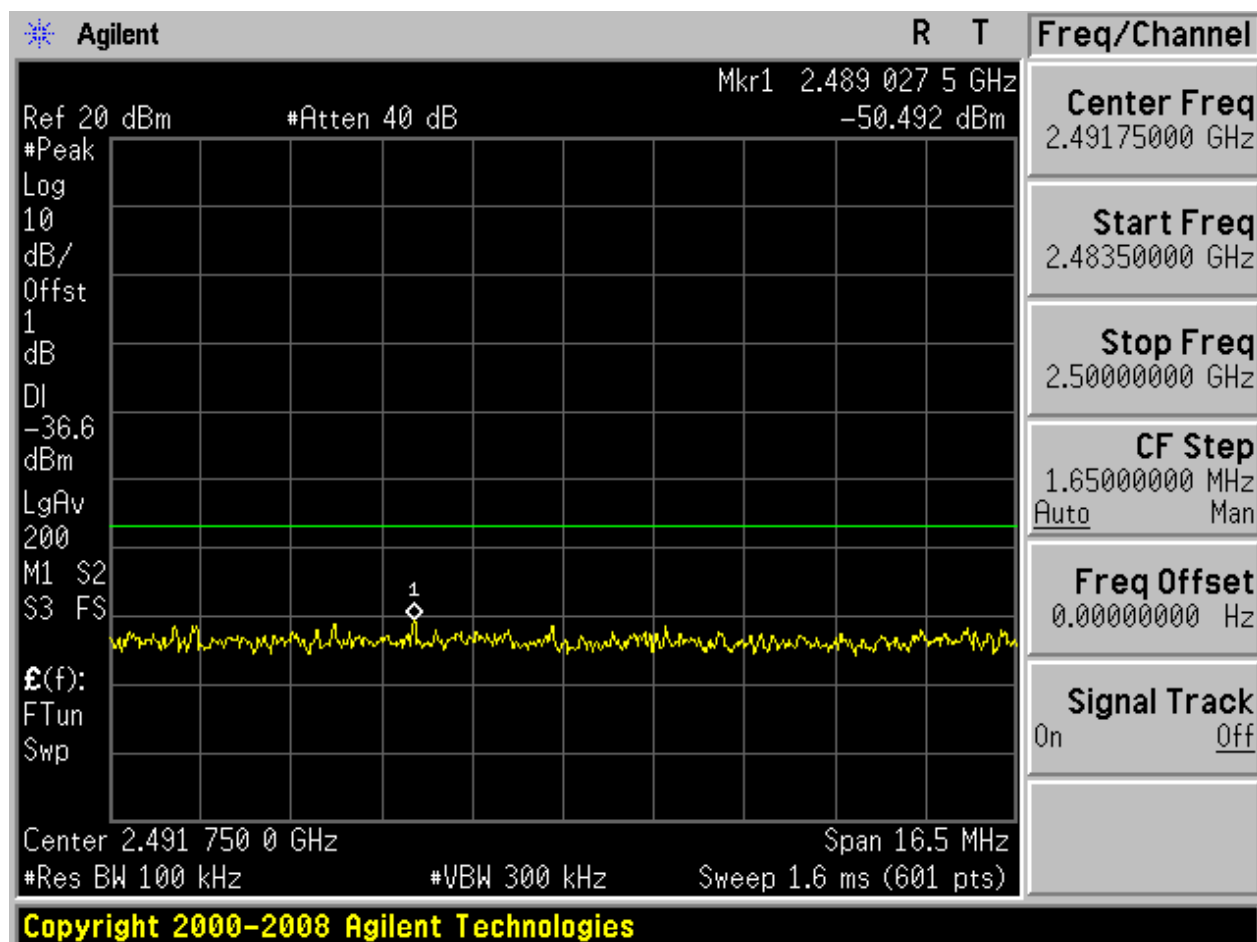
Puw:

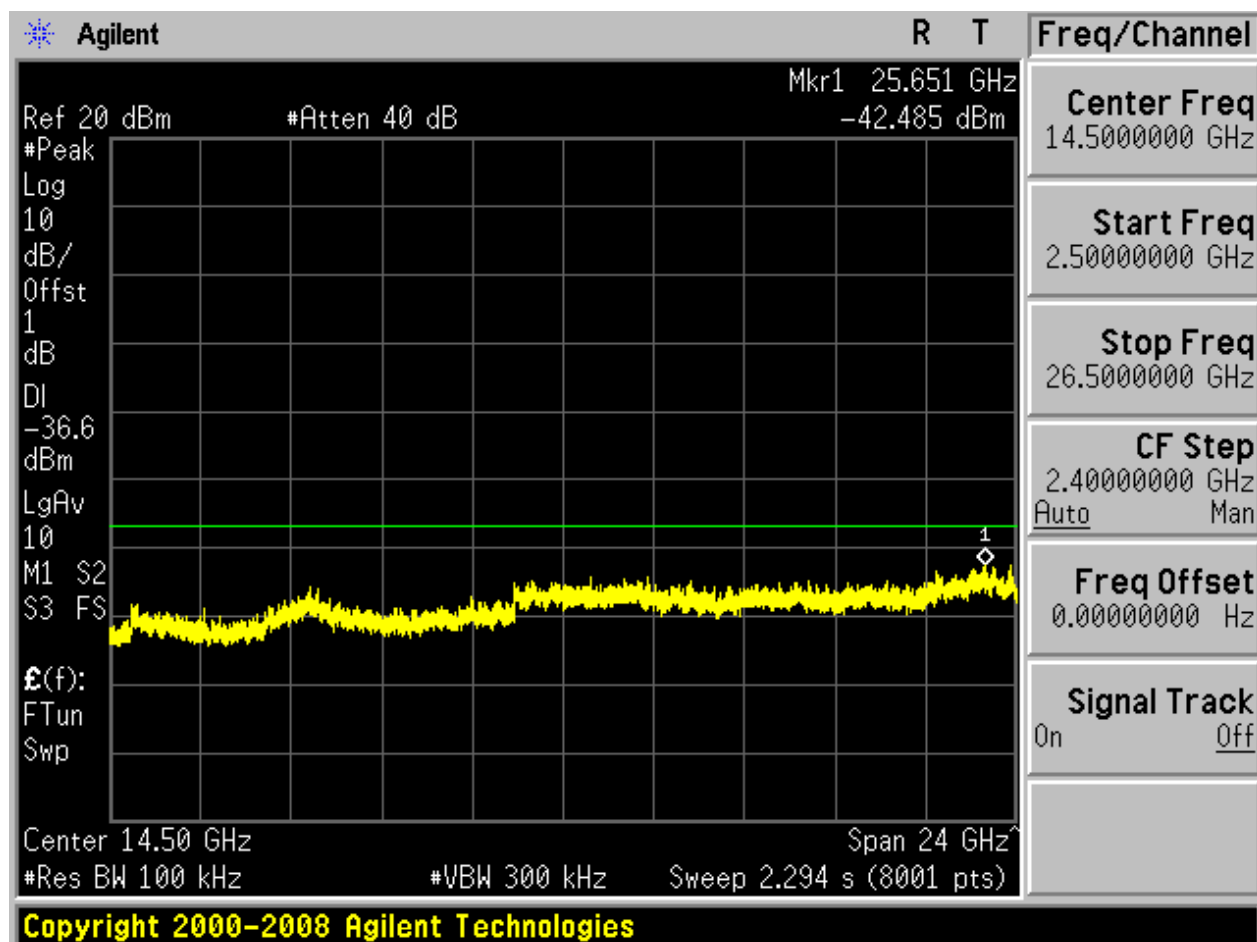














Appendix G: Radiated Spurious Emission & Spurious in Restricted Band

Note: We tested all modes, but the data presented below is the worst case.

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

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

The simultaneous transmission has been considered

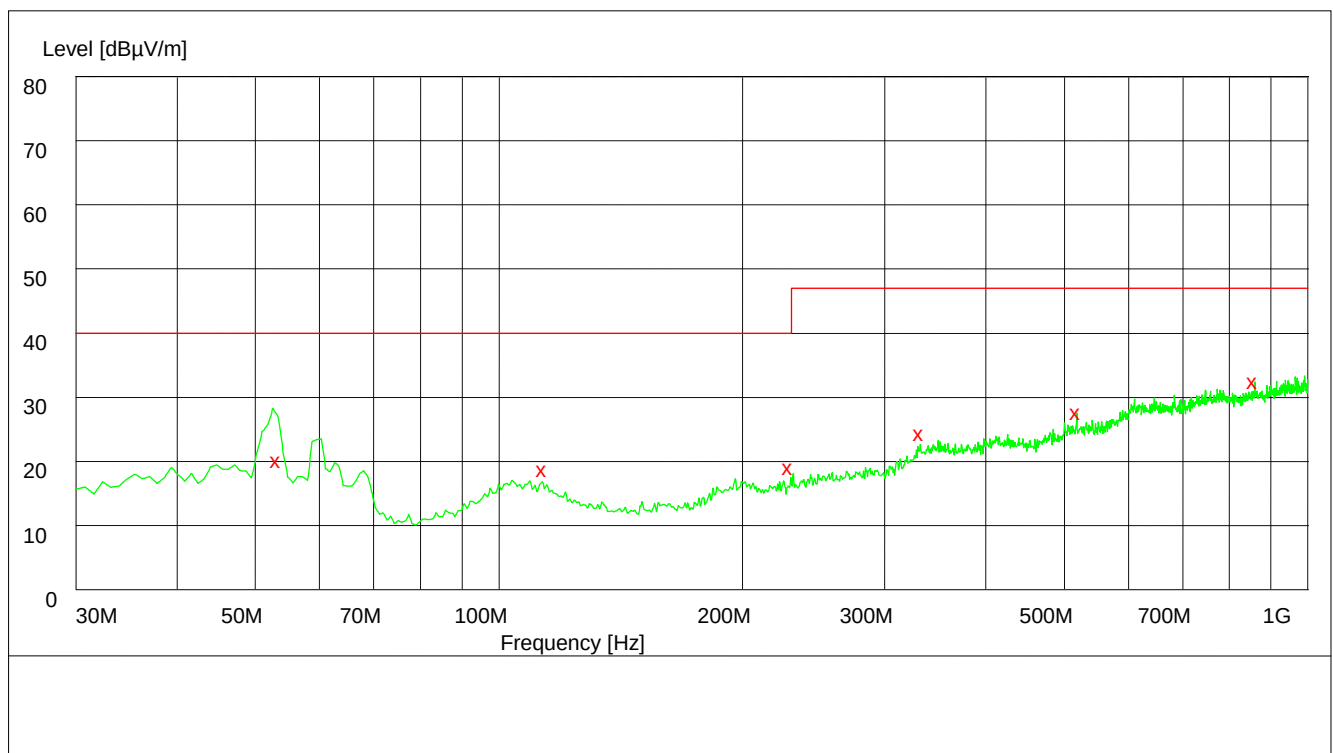
Part 1: Testing Range of “9 kHz to 30MHz”

NOTE1: No peak found in the Test Range of “9 kHz to 30MHz”

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

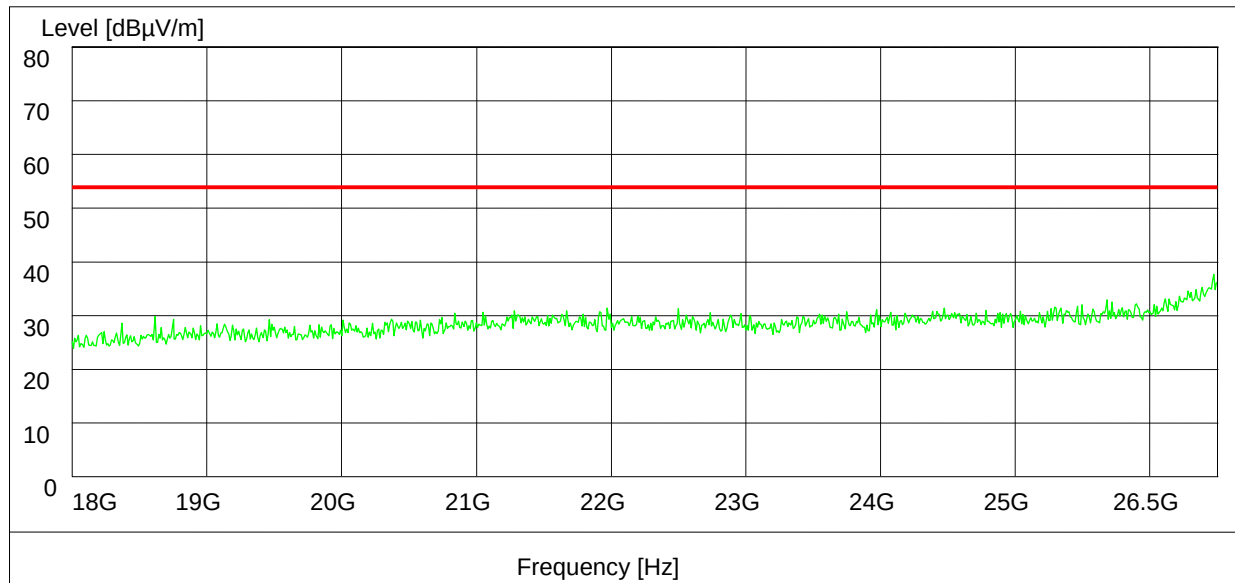
Note 1: The test results and plot for testing range of “30 MHz to 1 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

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



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBμV/m	Transducer dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarisation
53.344000	21.60	15.0	40.0	18.4	171.0	169.00	VERTICAL
113.684000	20.30	13.9	40.0	19.7	163.0	318.00	HORIZONTAL
229.192000	20.60	13.9	40.0	19.4	144.0	49.00	VERTICAL
332.516000	25.80	18.8	47.0	21.2	102.0	350.00	VERTICAL
519.060000	29.10	21.8	47.0	17.9	100.0	352.00	HORIZONTAL
860.972000	34.00	26.3	47.0	13.0	173.0	287.00	VERTICAL

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

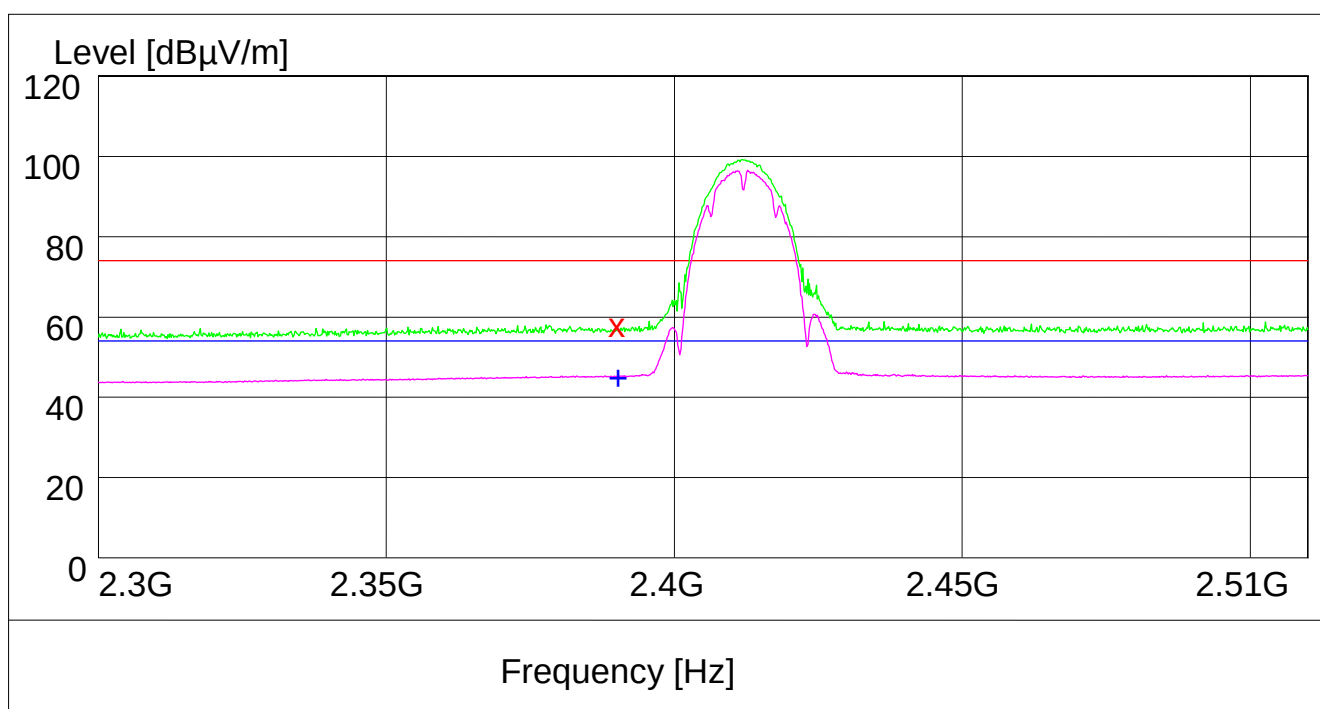
Note: No peak found in pre- test.

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

- Note 1: The testing range of “2.3 GHz to 2.51 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.
- Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB 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: 11B_Ant 1

Channel 01



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

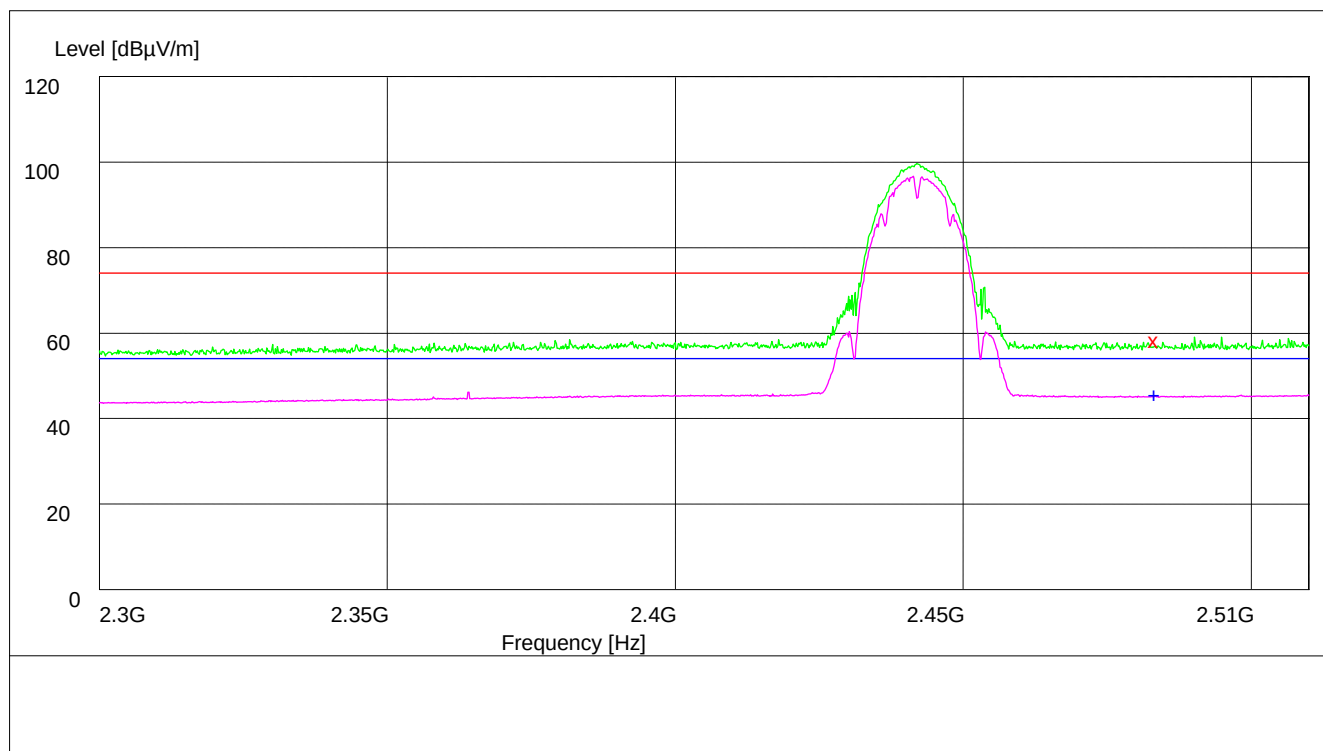
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.80	34.8	74.0	13.2	100.0	66.00	VERTICAL

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	47.60	34.8	54.0	6.4	100.0	147.00	HORIZONTAL

Channel 07



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

MEASUREMENT RESULT: PK Detector

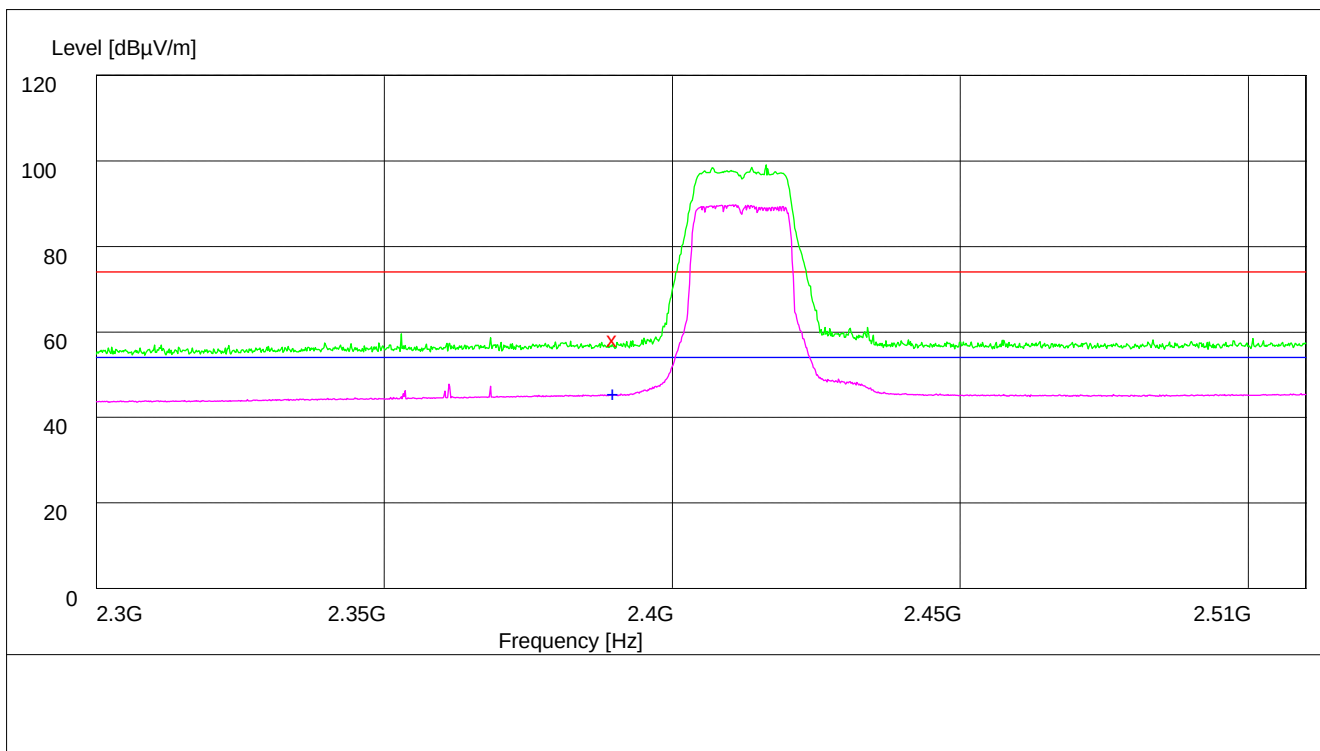
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	60.50	35.1	74.0	13.5	100.0	148.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.60	35.1	54.0	6.4	137.0	65.00	HORIZONTAL

Test Mode: 11G_Ant 1

Channel 01



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

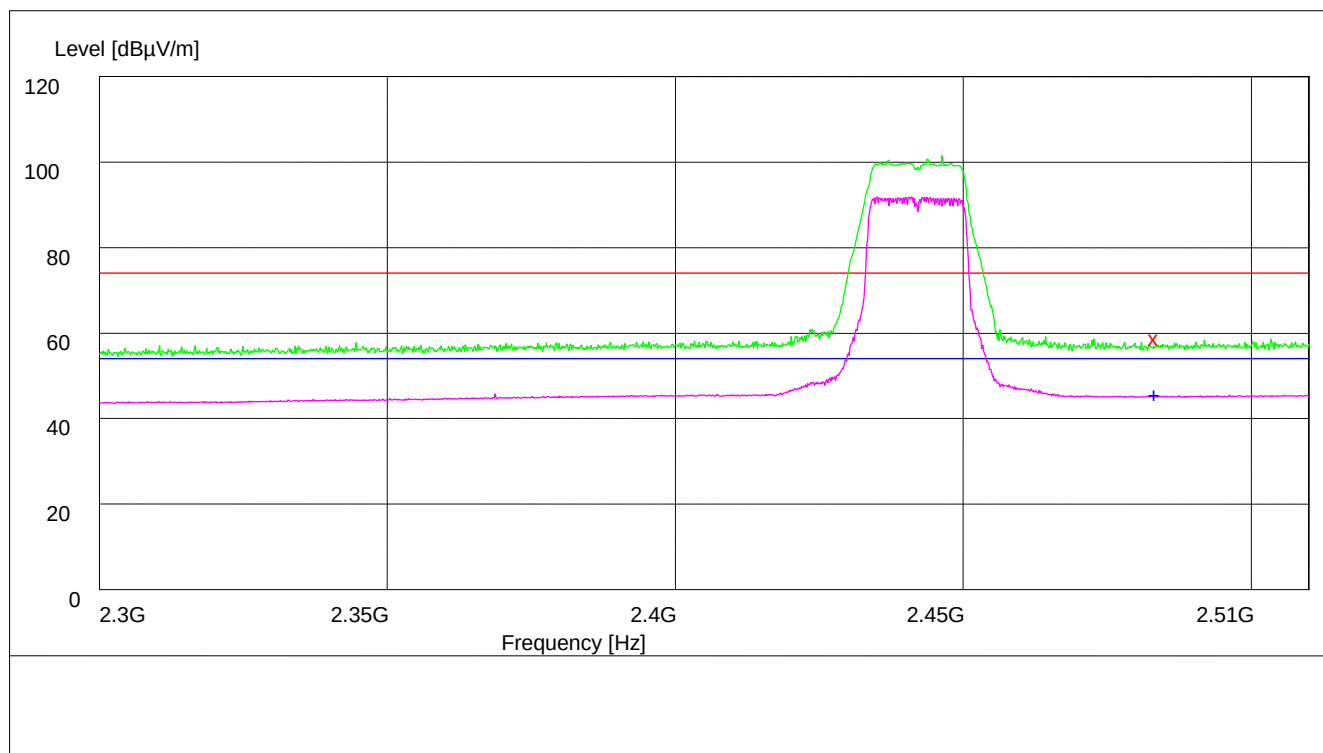
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.50	34.8	74.0	13.5	104.0	340.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.60	34.8	54.0	6.4	130.0	41.00	VERTICAL

Channel 07



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

MEASUREMENT RESULT: PK Detector

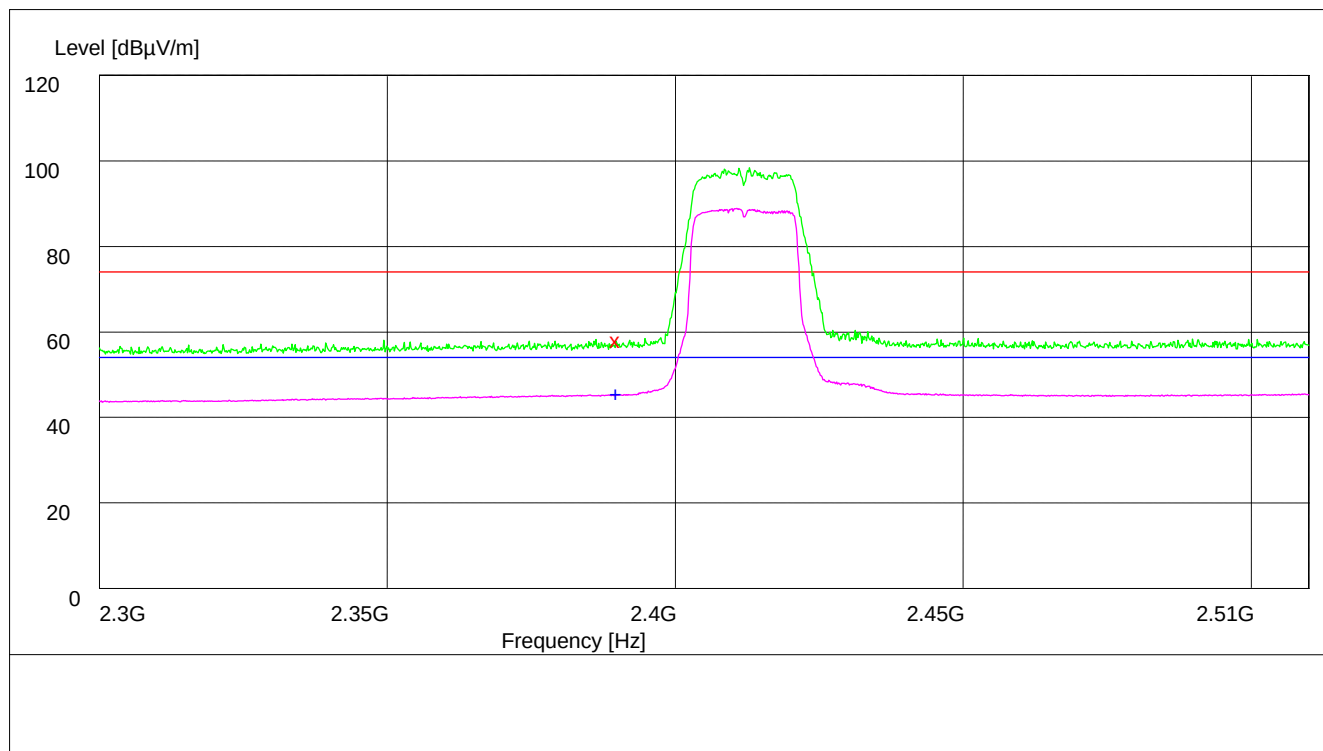
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	60.90	35.1	74.0	13.1	129.0	38.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.60	35.1	54.0	6.4	100.0	183.00	VERTICAL

Test Mode: 11N20_Ant 1

Channel 01



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

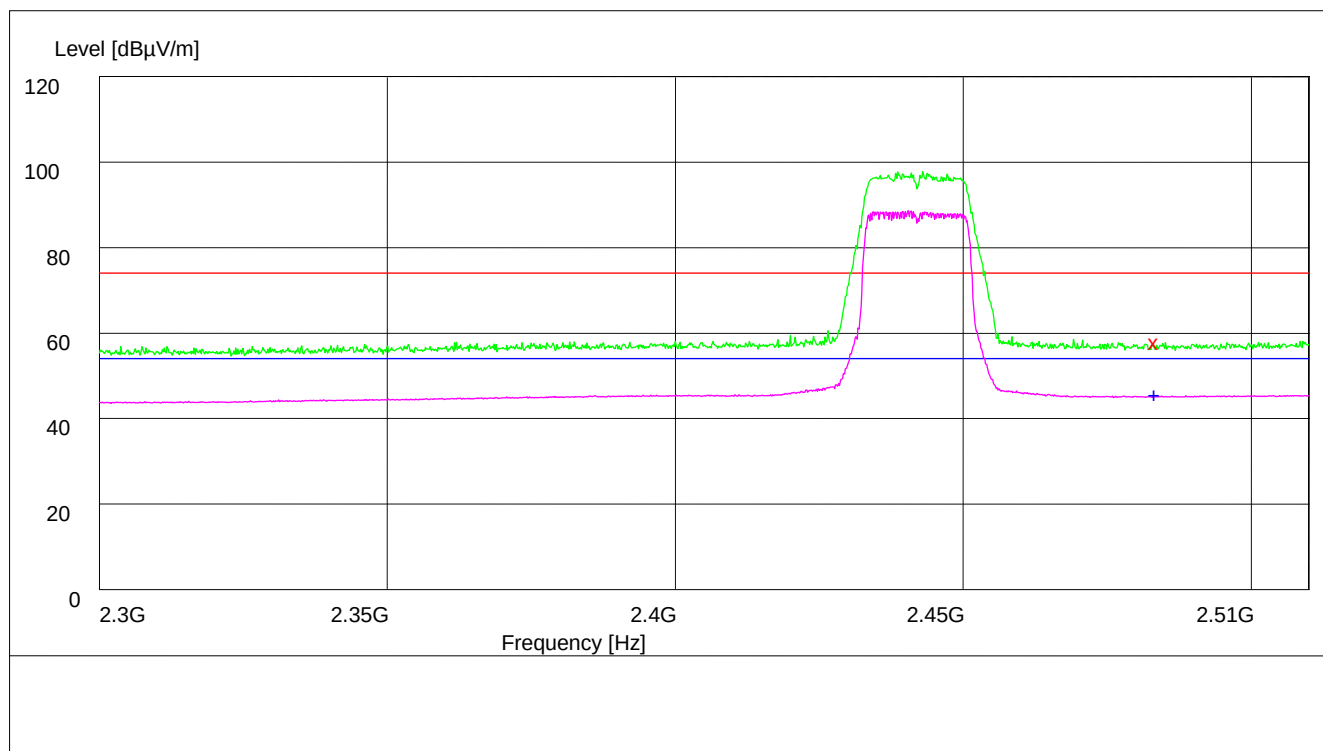
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.40	34.8	74.0	13.6	179.0	59.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.60	34.8	54.0	6.4	107.0	147.00	HORIZONTAL

Channel 07



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

MEASUREMENT RESULT: PK Detector

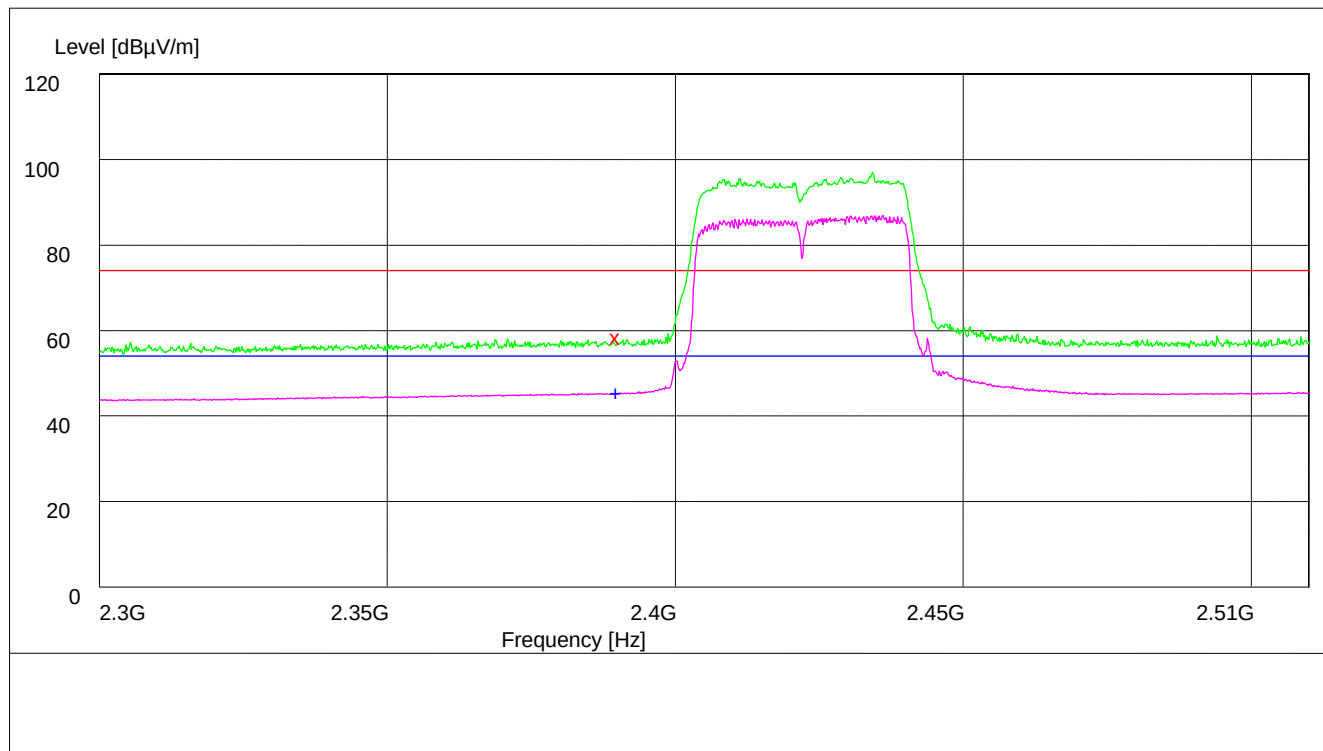
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	60.00	35.1	74.0	14.0	100.0	145.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.60	35.1	54.0	6.4	178.0	356.00	VERTICAL

Test Mode: 11N40_Ant 1

Channel 03



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

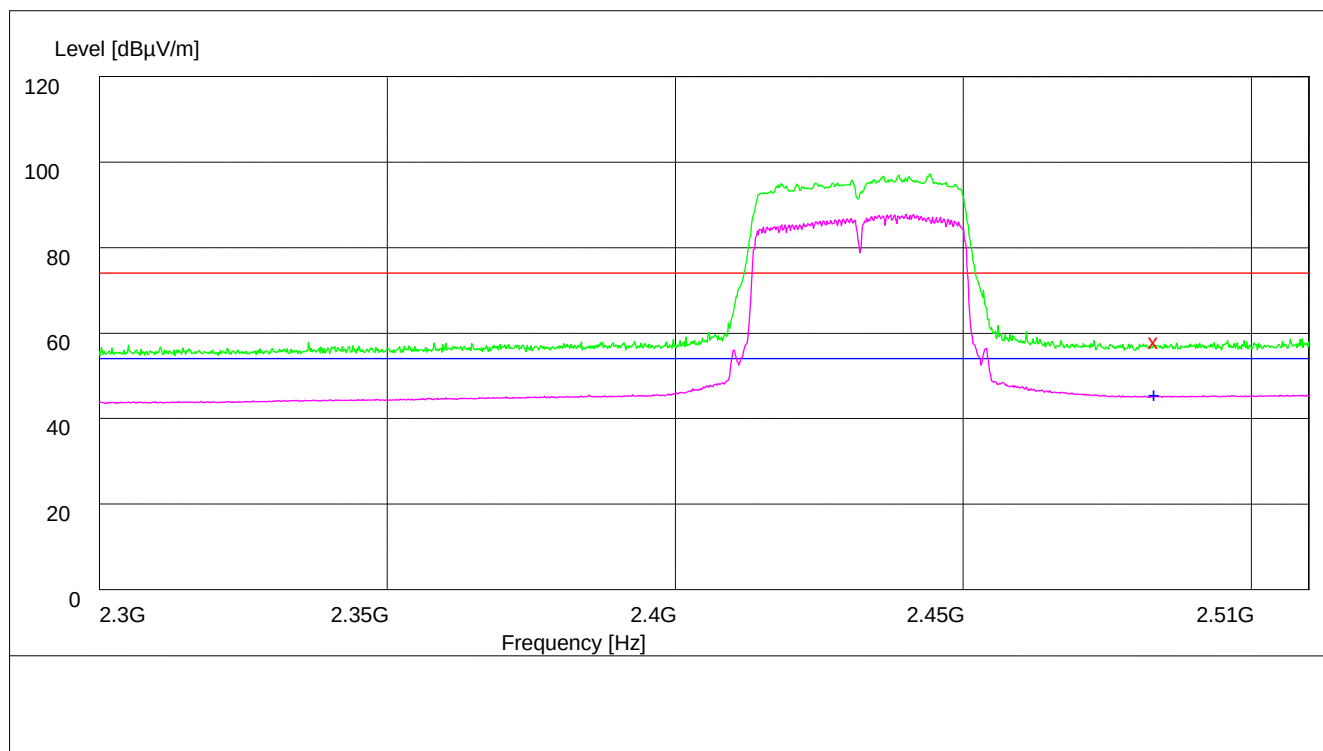
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.70	34.8	74.0	13.3	175.0	285.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.60	34.8	54.0	6.4	100.0	156.00	HORIZONTAL

Channel 05



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

MEASUREMENT RESULT: PK Detector

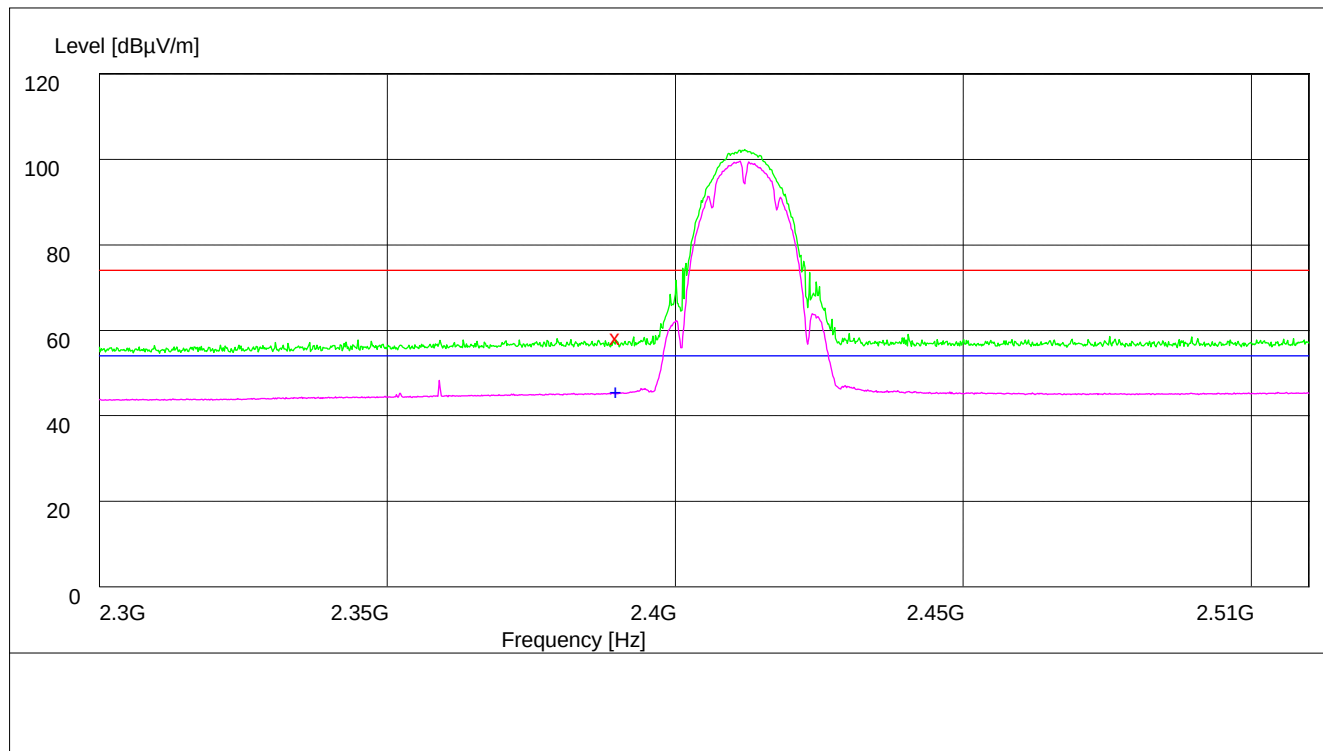
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	60.40	35.1	74.0	13.6	100.0	95.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.60	35.1	54.0	6.4	100.0	90.00	VERTICAL

Test Mode: 11B_Ant 2

Channel 01



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

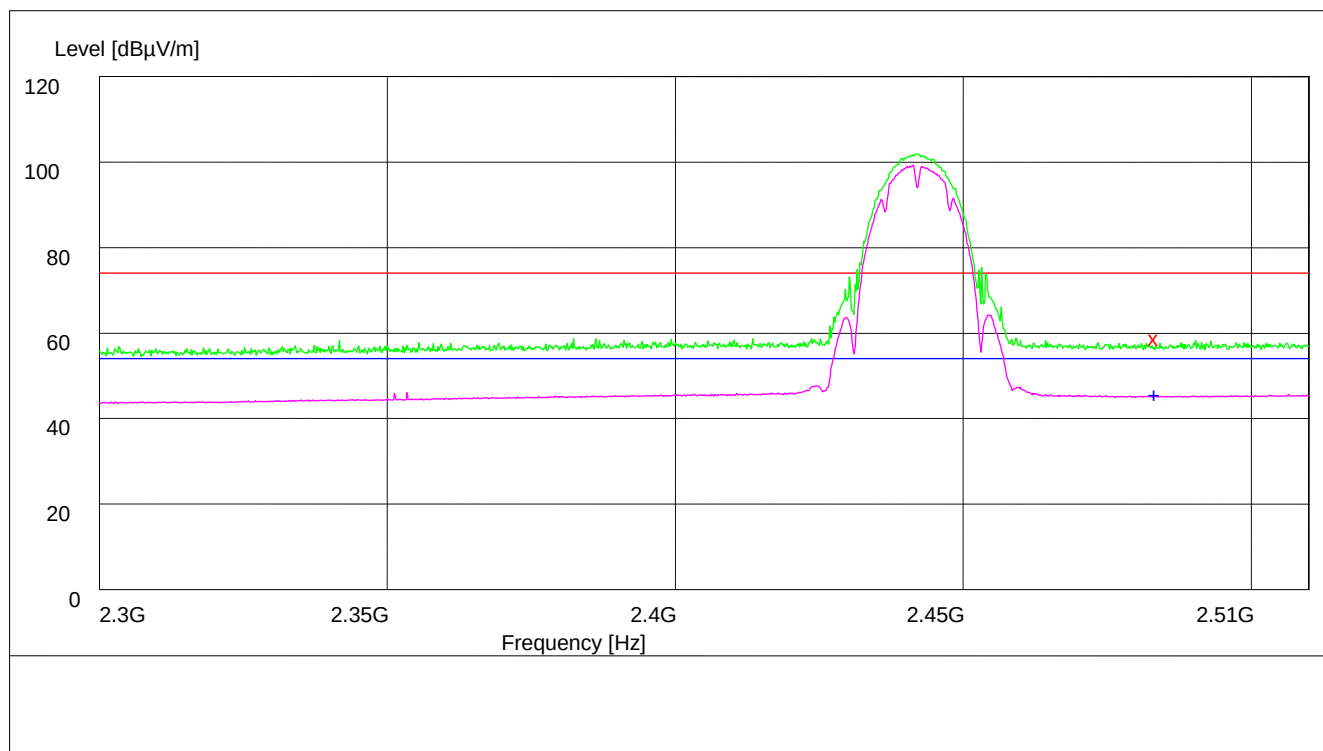
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.70	34.8	74.0	13.3	117.0	2.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.60	34.8	54.0	6.4	162.0	1.00	1.00

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
2483.500000	61.00	35.1	74.0	13.0	173.0	233.00	VERTICAL

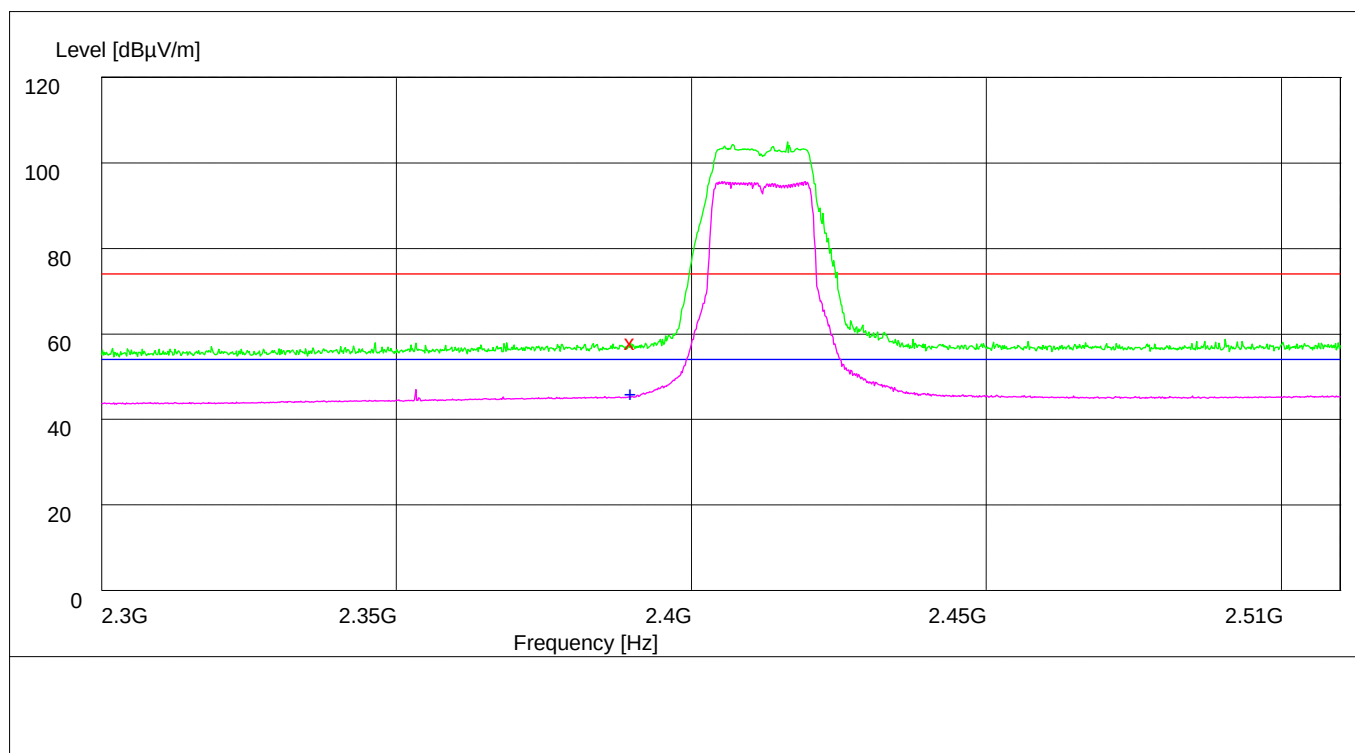
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.60	35.1	54.0	6.4	101.0	11.00	VERTICAL



Test Mode: 11G_Ant 2

Channel 01



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

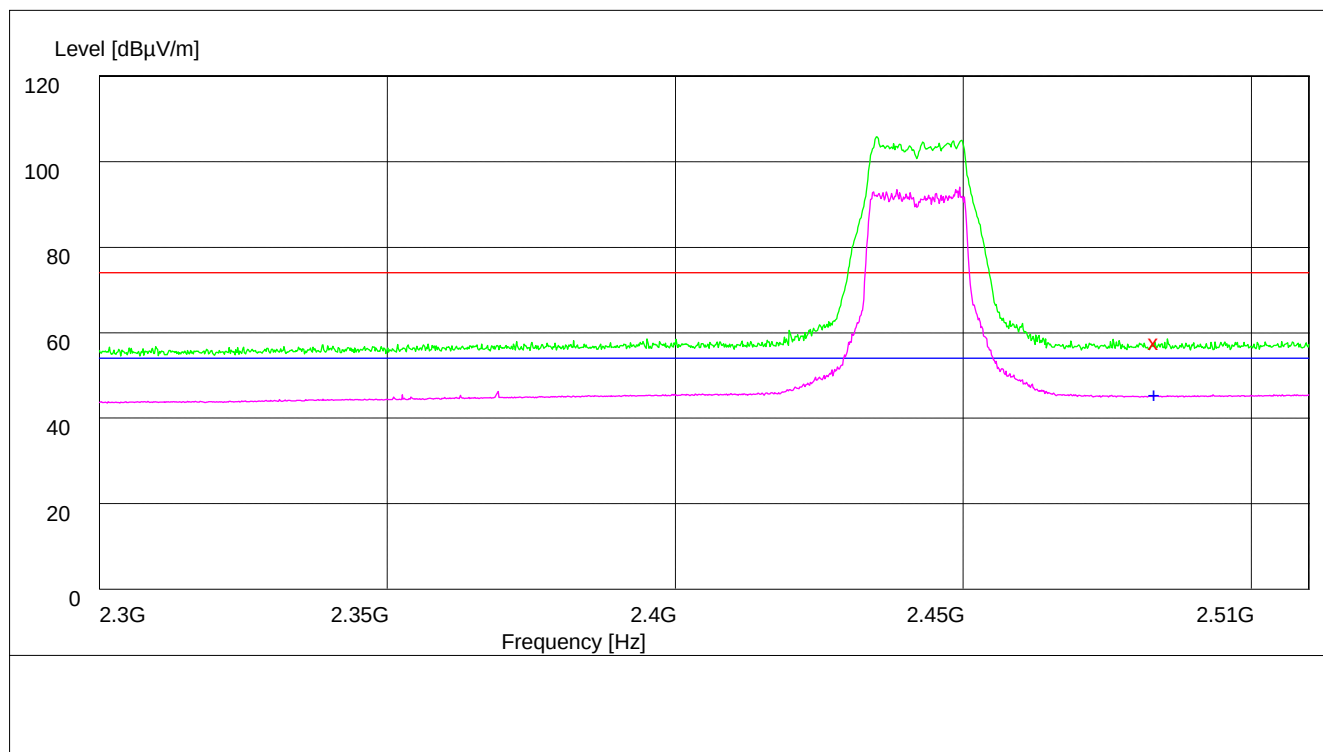
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.30	34.8	74.0	13.7	100.0	343.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.10	34.8	54.0	5.9	100.0	196.00	HORIZONTAL

Channel 07



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

MEASUREMENT RESULT: PK Detector

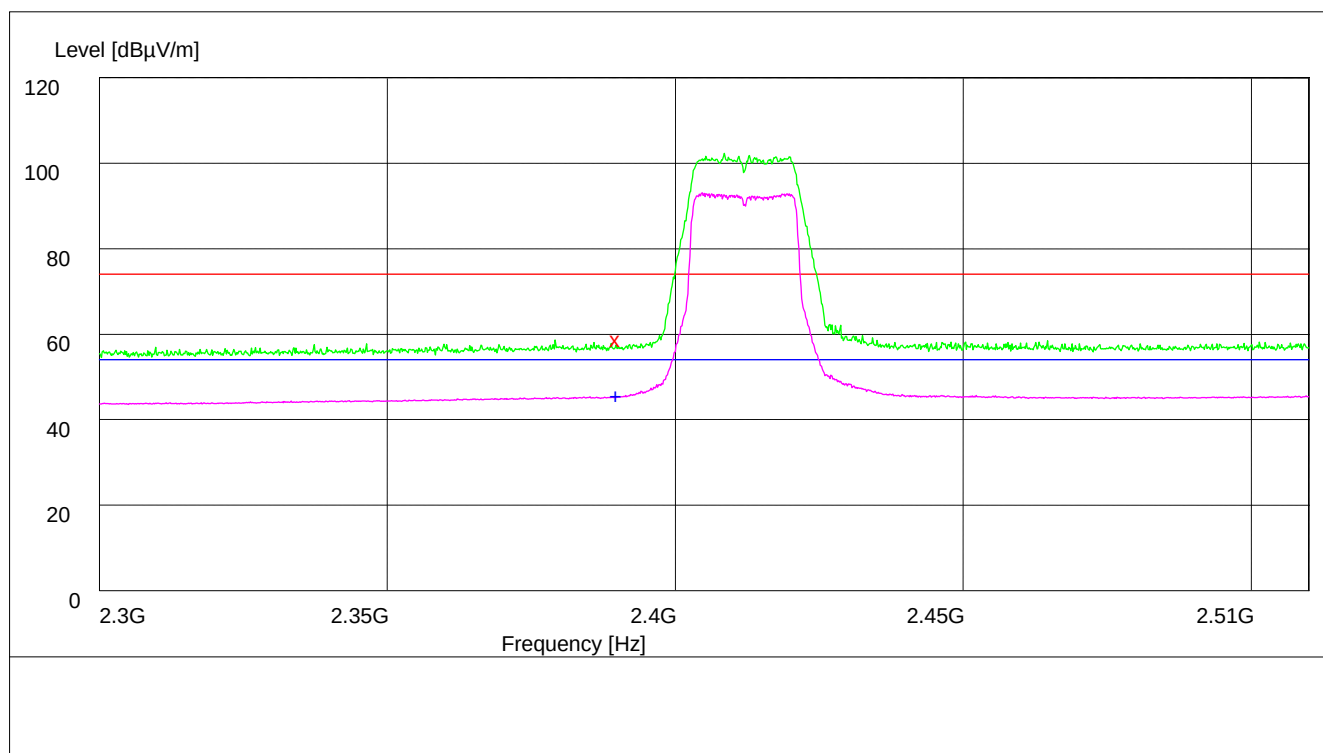
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	60.00	35.1	74.0	14.0	200.0	344.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.60	35.1	54.0	6.4	107.0	209.00	HORIZONTAL

Test Mode: 11N20_Ant 2

Channel 01



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

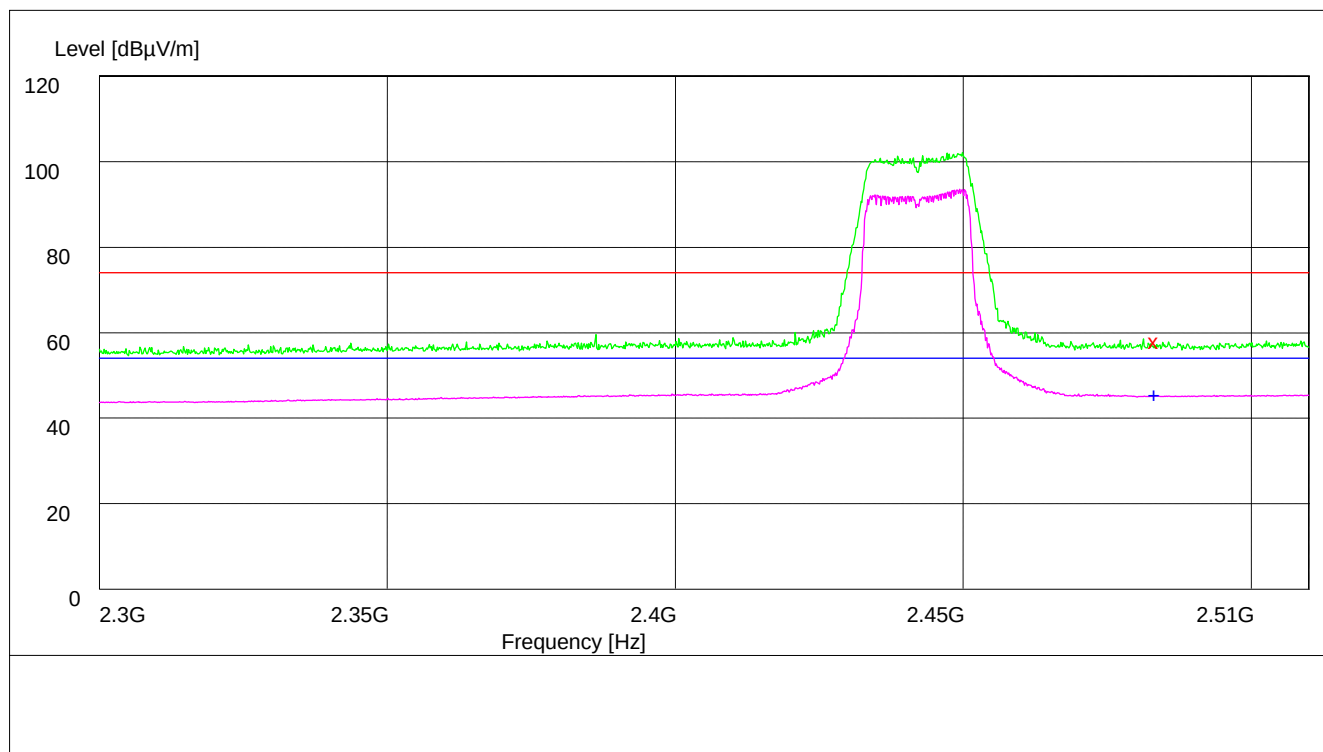
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	61.00	34.8	74.0	13.0	113.0	186.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.60	34.8	54.0	6.4	100.0	214.00	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
2483.500000	60.30	35.1	74.0	13.7	178.0	334.00	HORIZONTAL

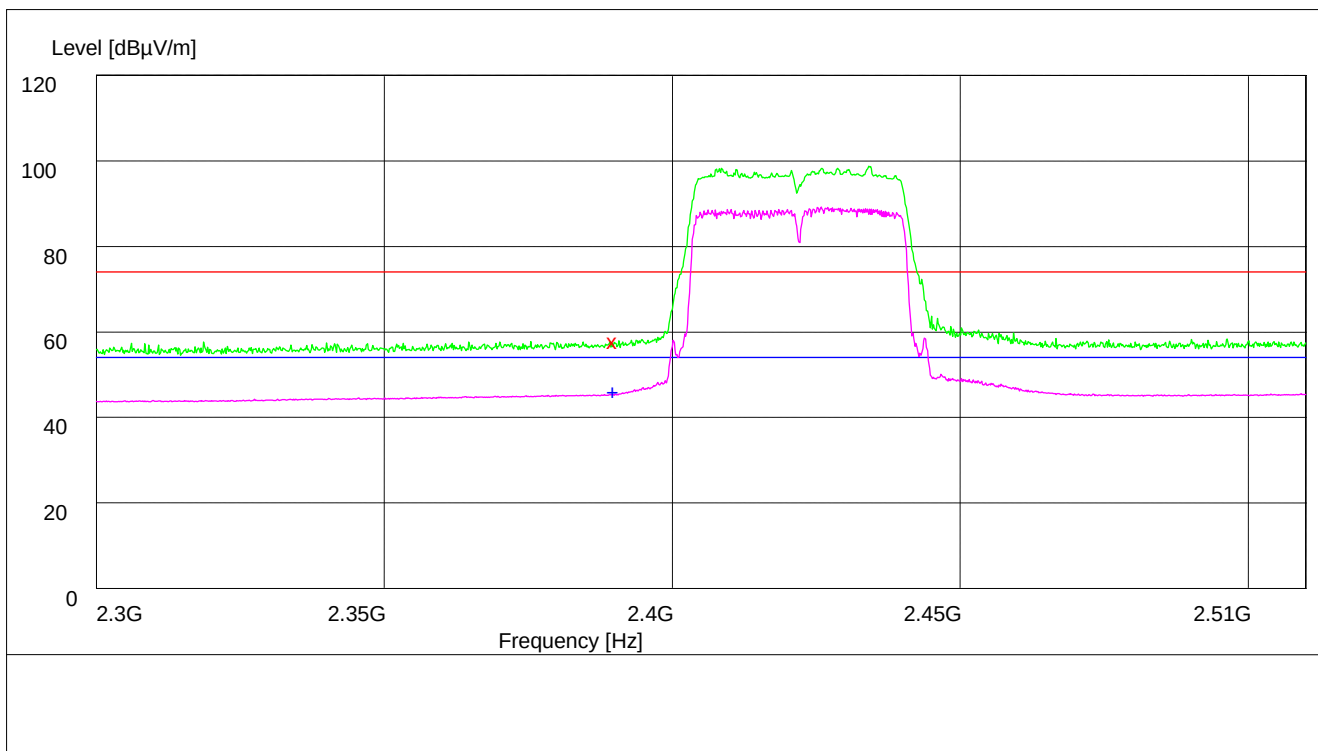
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.60	35.1	54.0	6.4	199.0	334.00	VERTICAL



Test Mode: 11N40_Ant 2

Channel 03



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

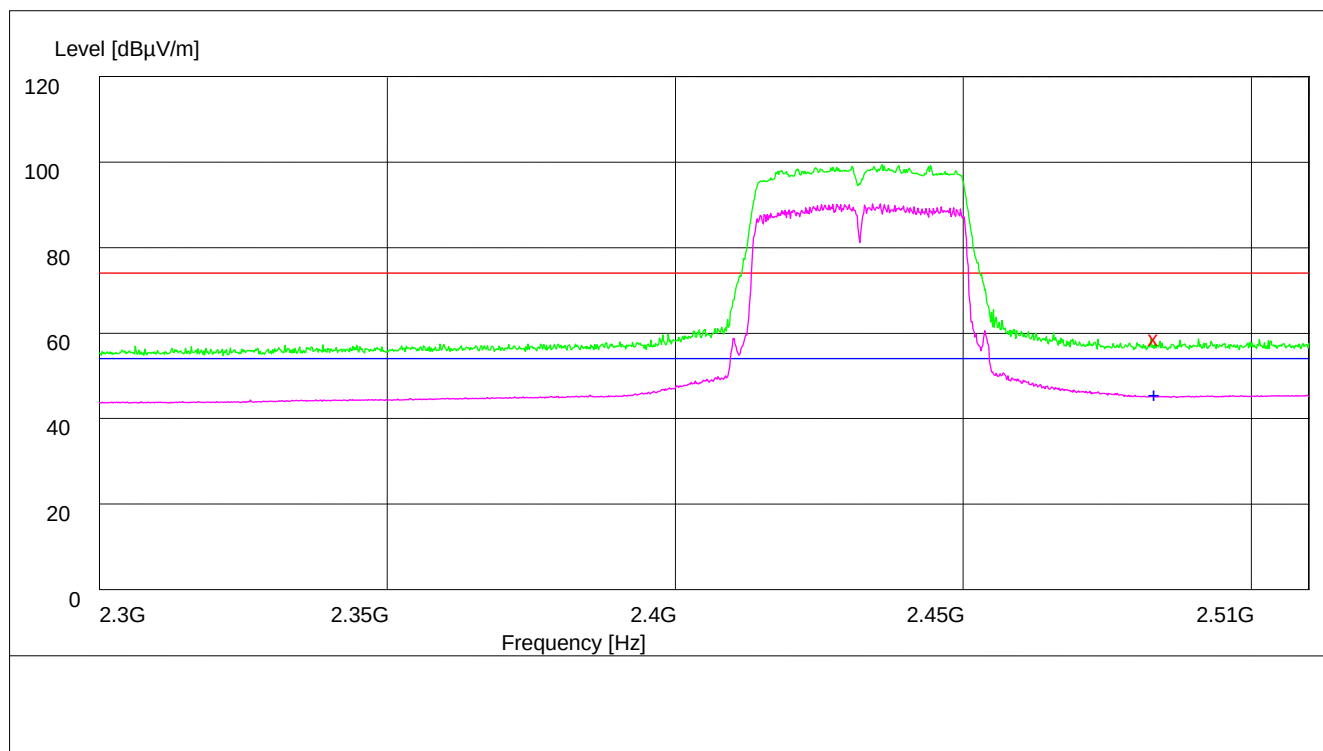
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.10	34.8	74.0	13.9	137.0	189.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.00	34.8	54.0	6.0	101.0	208.00	HORIZONTAL

Channel 05



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

MEASUREMENT RESULT: PK Detector

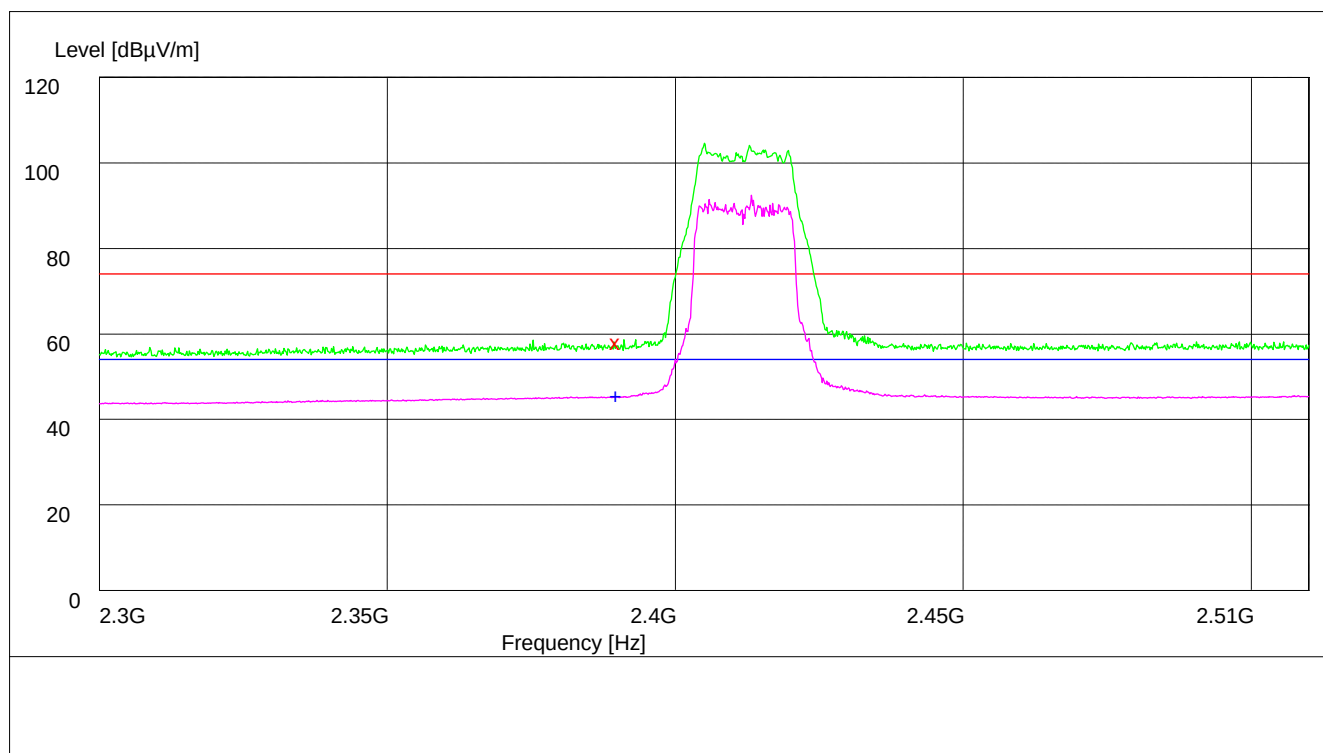
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	60.90	35.1	74.0	13.1	192.0	249.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.60	35.1	54.0	6.4	152.0	230.00	HORIZONTAL

Test Mode: 11N20m

Channel 01



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

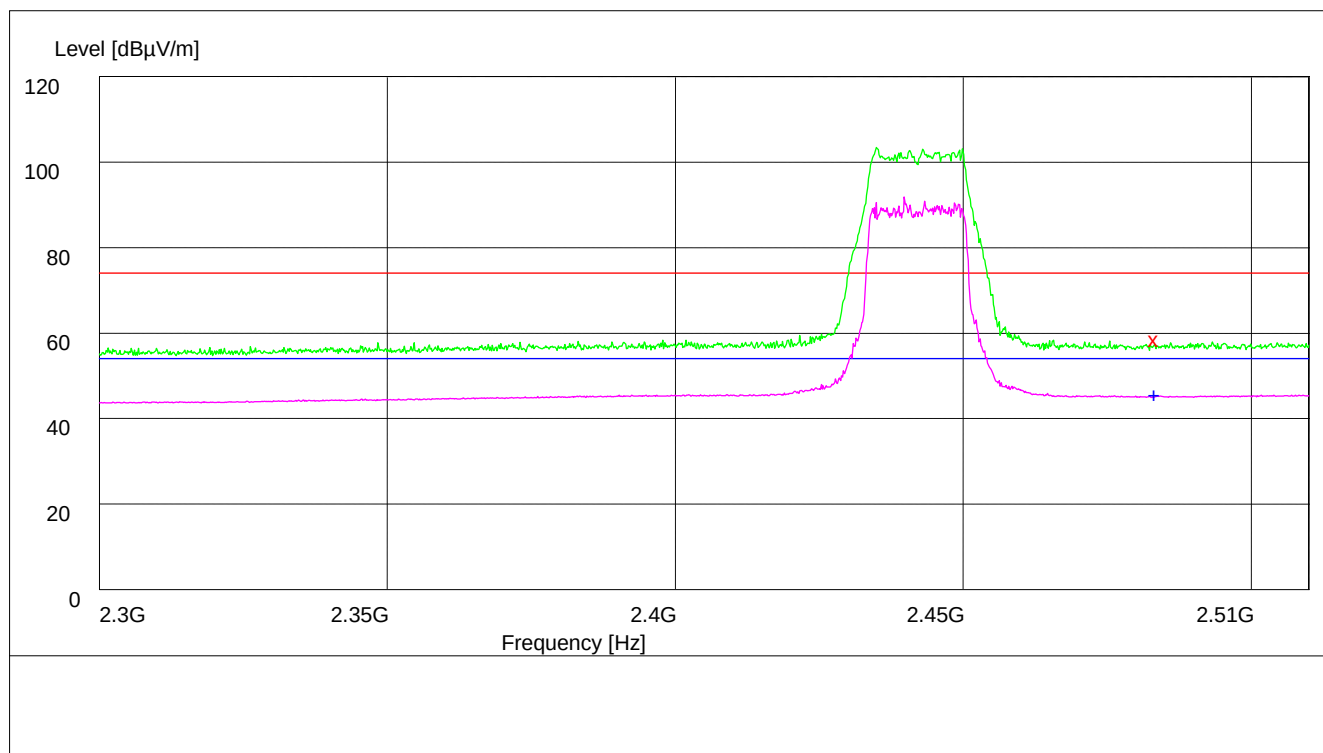
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.40	34.8	74.0	13.6	100.0	244.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.70	34.8	54.0	6.3	100.0	200.00	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
2483.500000	60.80	35.1	74.0	13.2	110.0	211.00	VERTICAL

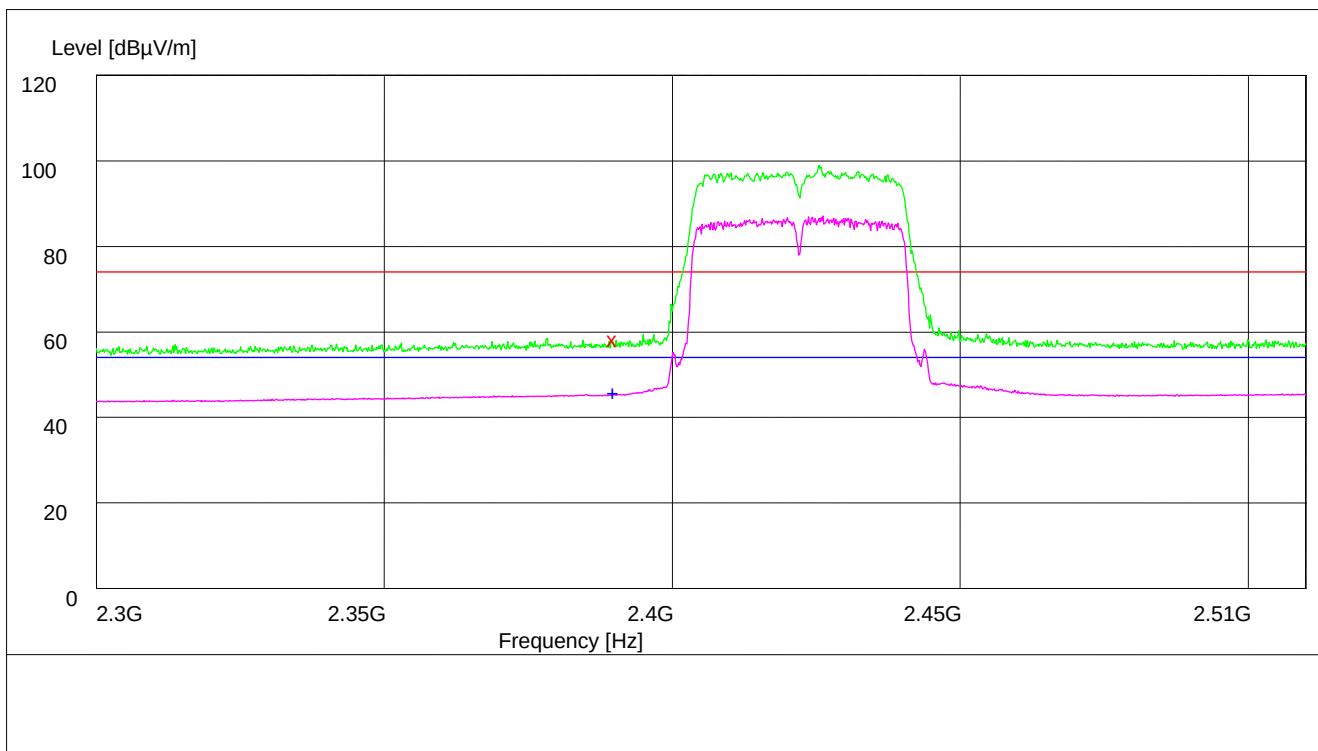
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.60	35.1	54.0	6.4	108.0	82.00	VERTICAL



Test Mode: 11N40m

Channel 03



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

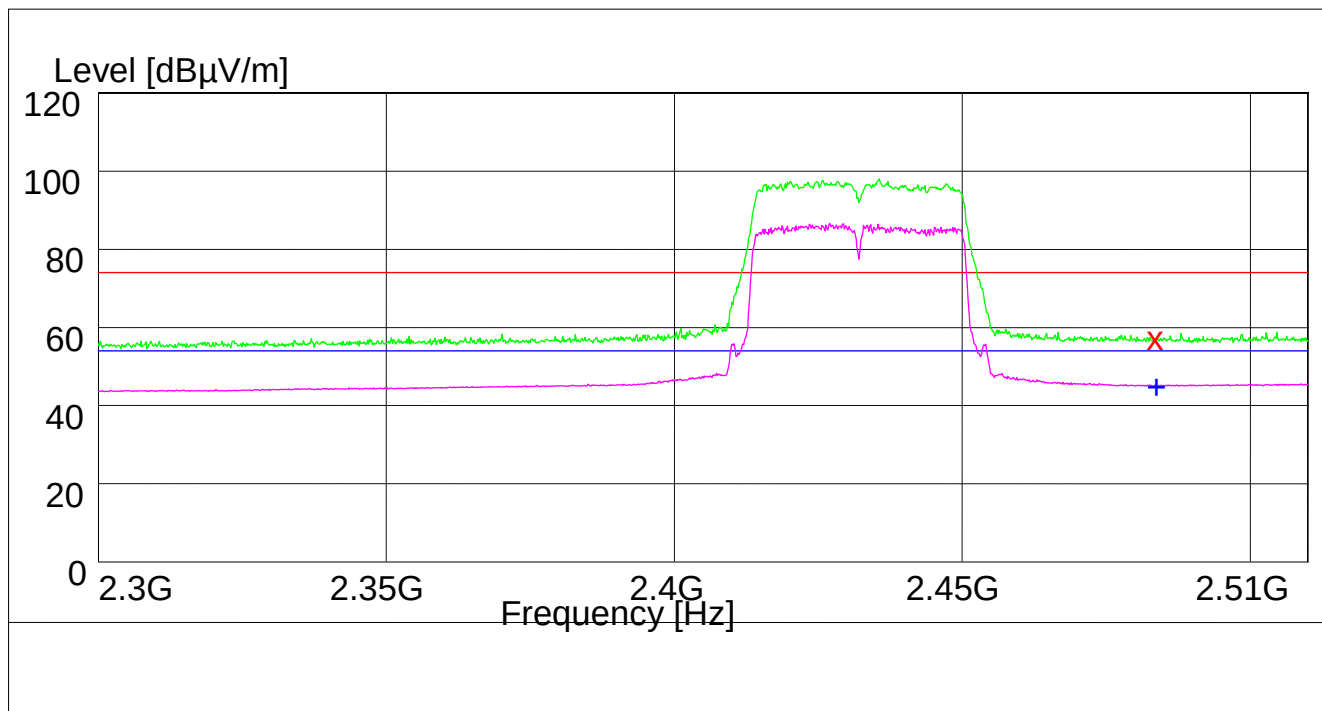
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.60	34.8	74.0	13.4	148.0	119.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.80	34.8	54.0	6.2	100.0	212.00	HORIZONTAL

Channel 05



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

MEASUREMENT RESULT: PK Detector

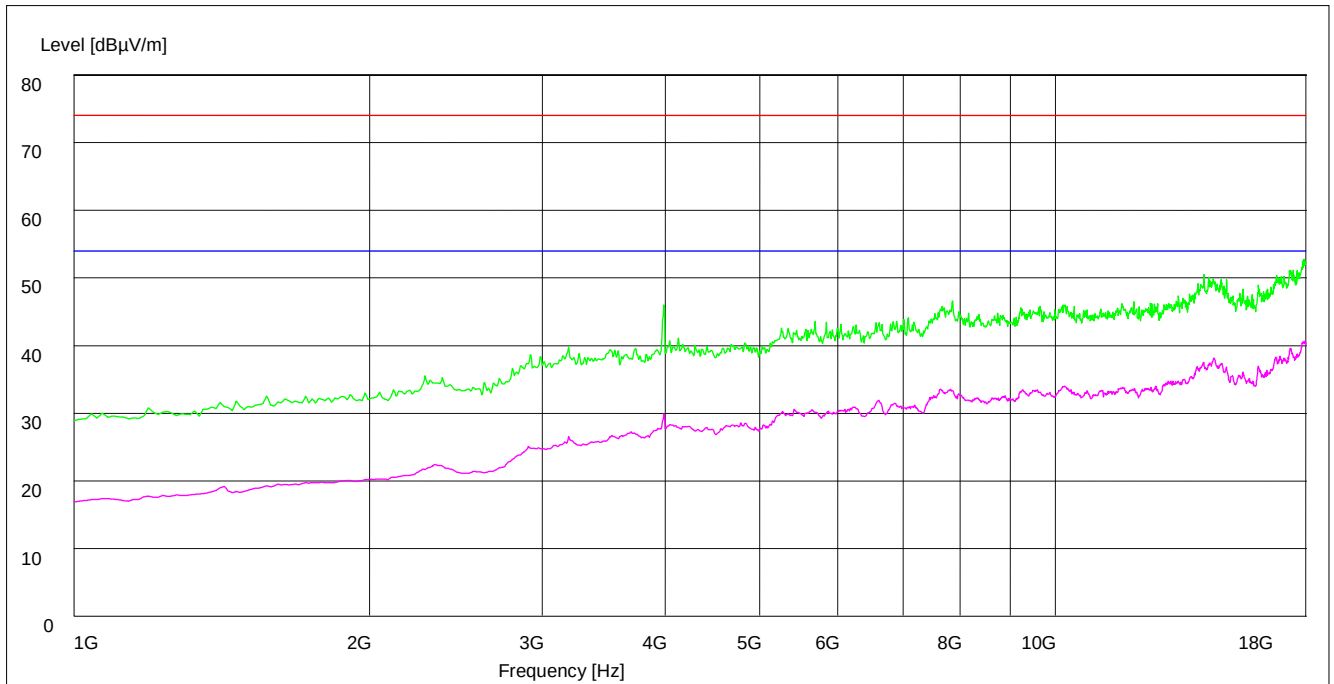
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	60.20	35.1	74.0	13.8	172.0	320.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.60	35.1	54.0	6.4	113.0	24.00	HORIZONTAL

Part 5: Testing Range of “1 GHz to 18 GHz”

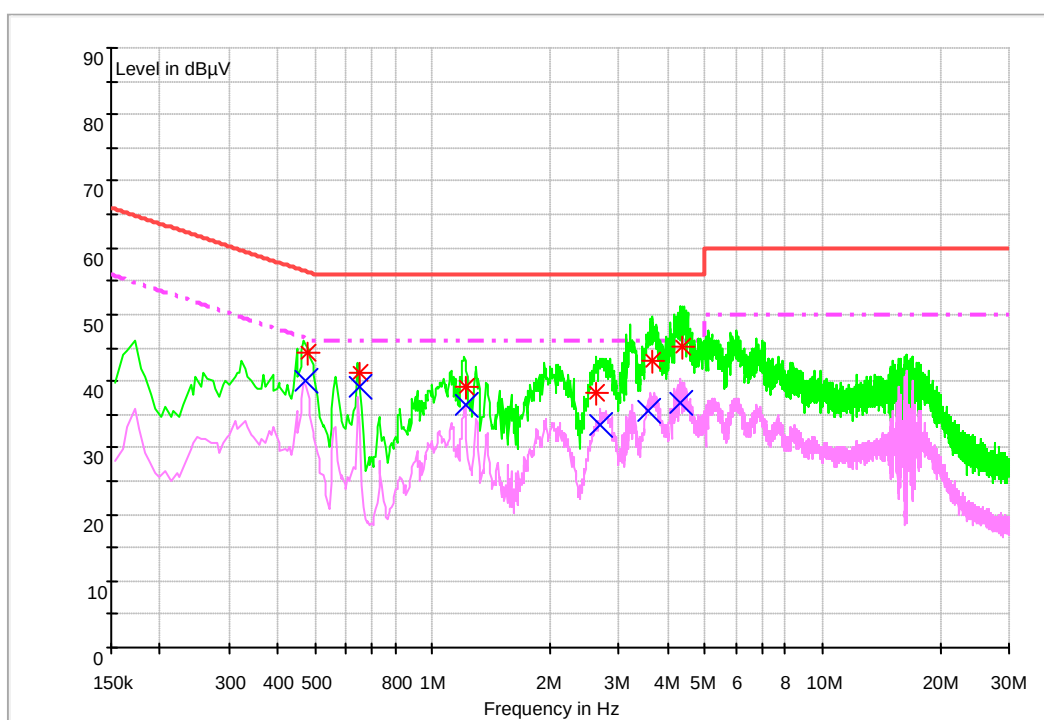
- Note 1: The test results and plot for testing range of “1 GHz to 18 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The testing range of “1 GHz to 18 GHz” is for checking radiated emissions located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

Note: RBW = 9 kHz, VBW = 30 kHz

Channel 4



MEASUREMENT RESULT: QP Detector

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBμV	dB	dBμV	dB		
0.480132	44.3	9.7	56.3	12.0	N	FLO
0.649976	41.3	9.7	56.0	14.7	L1	FLO
1.221450	39.2	9.7	56.0	16.8	L1	FLO
2.639134	38.2	9.7	56.0	17.8	L1	FLO
3.647182	43.0	9.7	56.0	13.0	N	FLO
4.350405	45.1	9.8	56.0	10.9	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBμV	dB	dBμV	dB		
0.472819	40.2	9.7	46.5	6.3	L1	FLO
0.649608	39.1	9.7	46.0	7.0	L1	FLO
1.210980	36.4	9.7	46.0	9.6	L1	FLO
2.690576	33.5	9.7	46.0	12.5	L1	FLO
3.583785	35.5	9.7	46.0	10.5	N	FLO
4.314698	36.8	9.8	46.0	9.2	L1	FLO

END