



Appendix for Testreport

Appendix A: DTS (6 dB) Bandwidth

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

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

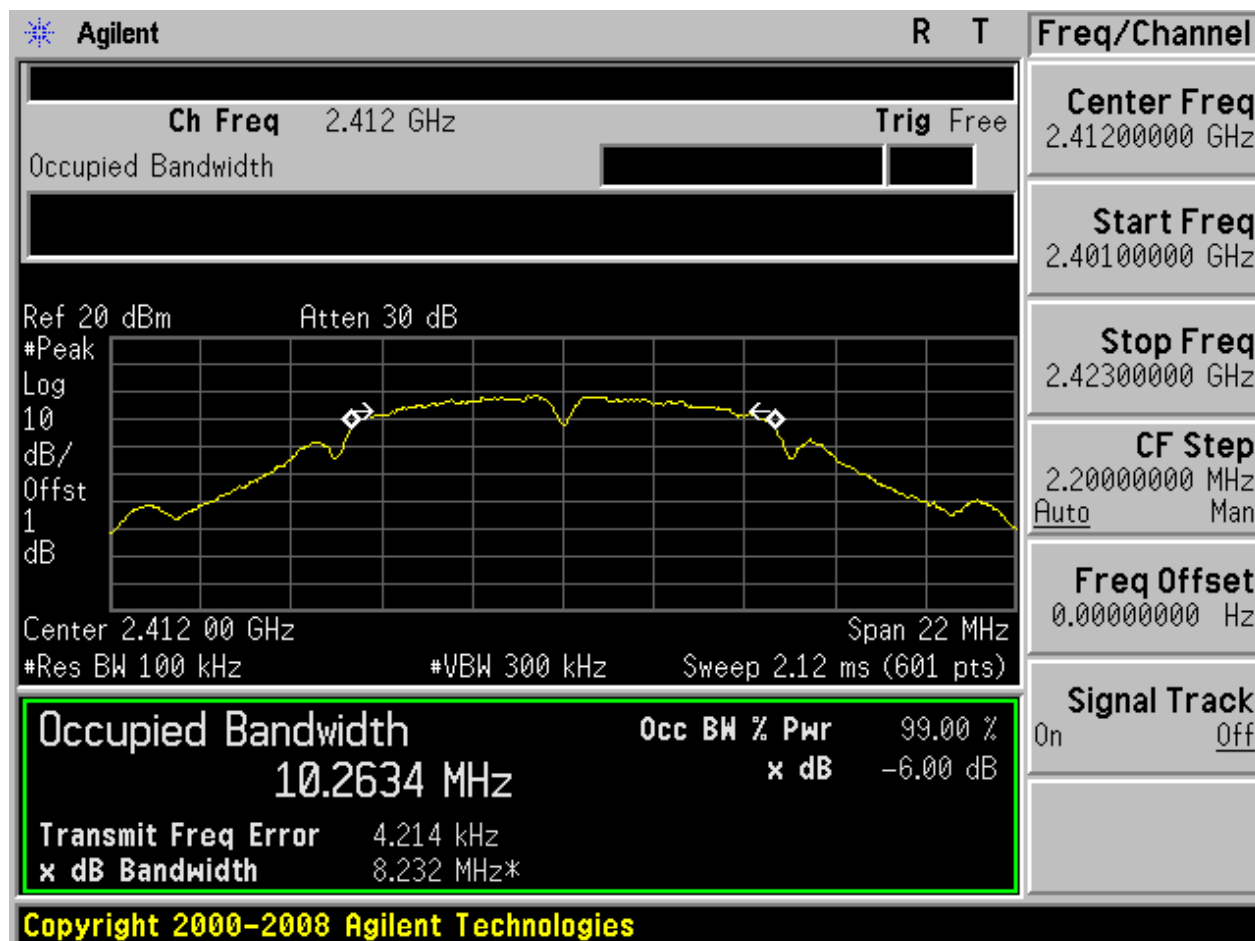
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11B	L	2412	Ant 1	8.23	pass
11B	L	2412	Ant 2	8.16	pass
11B	M	2432	Ant 1	8.18	pass
11B	M	2432	Ant 2	8.29	pass
11B	H	2452	Ant 1	8.69	pass
11B	H	2452	Ant 2	8.70	pass
11G	L	2412	Ant 1	16.41	pass
11G	L	2412	Ant 2	16.40	pass
11G	M	2432	Ant 1	16.44	pass
11G	M	2432	Ant 2	16.42	pass
11G	H	2452	Ant 1	16.46	pass
11G	H	2452	Ant 2	16.44	pass
11N20	L	2412	Ant 1	17.31	pass
11N20	L	2412	Ant 2	17.60	pass
11N20	M	2432	Ant 1	17.31	pass
11N20	M	2432	Ant 2	17.33	pass
11N20	H	2452	Ant 1	17.63	pass
11N20	H	2452	Ant 2	17.57	pass
11N20m	L	2412	Ant 1	17.58	pass
11N20m	L	2412	Ant 2	17.30	pass
11N20m	M	2432	Ant 1	17.20	pass
11N20m	M	2432	Ant 2	17.34	pass
11N20m	H	2452	Ant 1	17.33	pass
11N20m	H	2452	Ant 2	17.33	pass
11N40	L	2422	Ant 1	35.16	pass
11N40	L	2422	Ant 2	35.17	pass
11N40	M	2432	Ant 1	35.18	pass
11N40	M	2432	Ant 2	35.20	pass

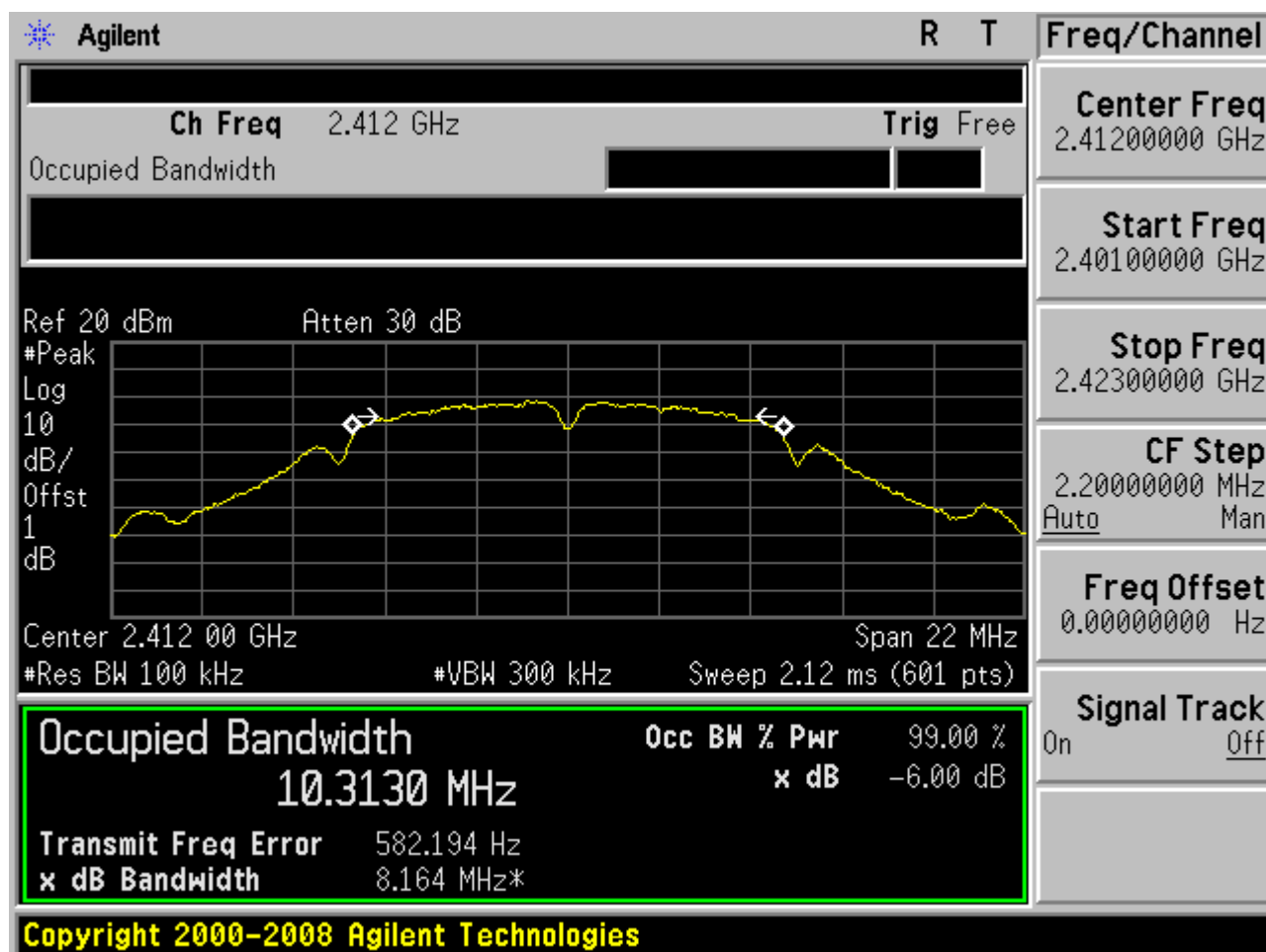
Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11N40	H	2442	Ant 1	35.76	pass
11N40	H	2442	Ant 2	35.42	pass
11N40m	L	2422	Ant 1	35.25	pass
11N40m	L	2422	Ant 2	35.16	pass
11N40m	M	2432	Ant 1	35.23	pass
11N40m	M	2432	Ant 2	35.27	pass
11N40m	H	2442	Ant 1	35.77	pass
11N40m	H	2442	Ant 2	35.48	pass

Part II - Test Plots

2.1 11B_L@Ant 1

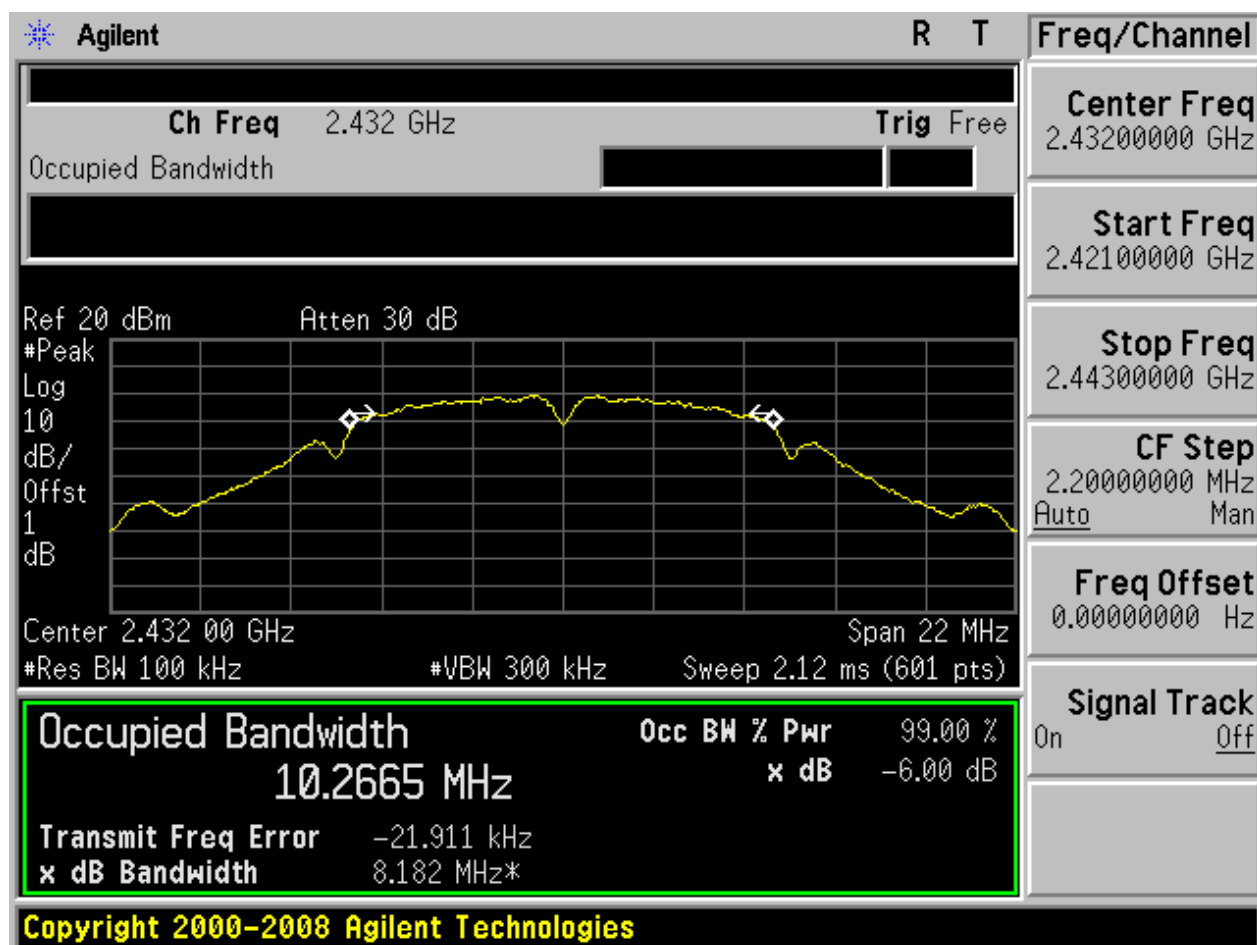


2.2 11B_L@Ant 2



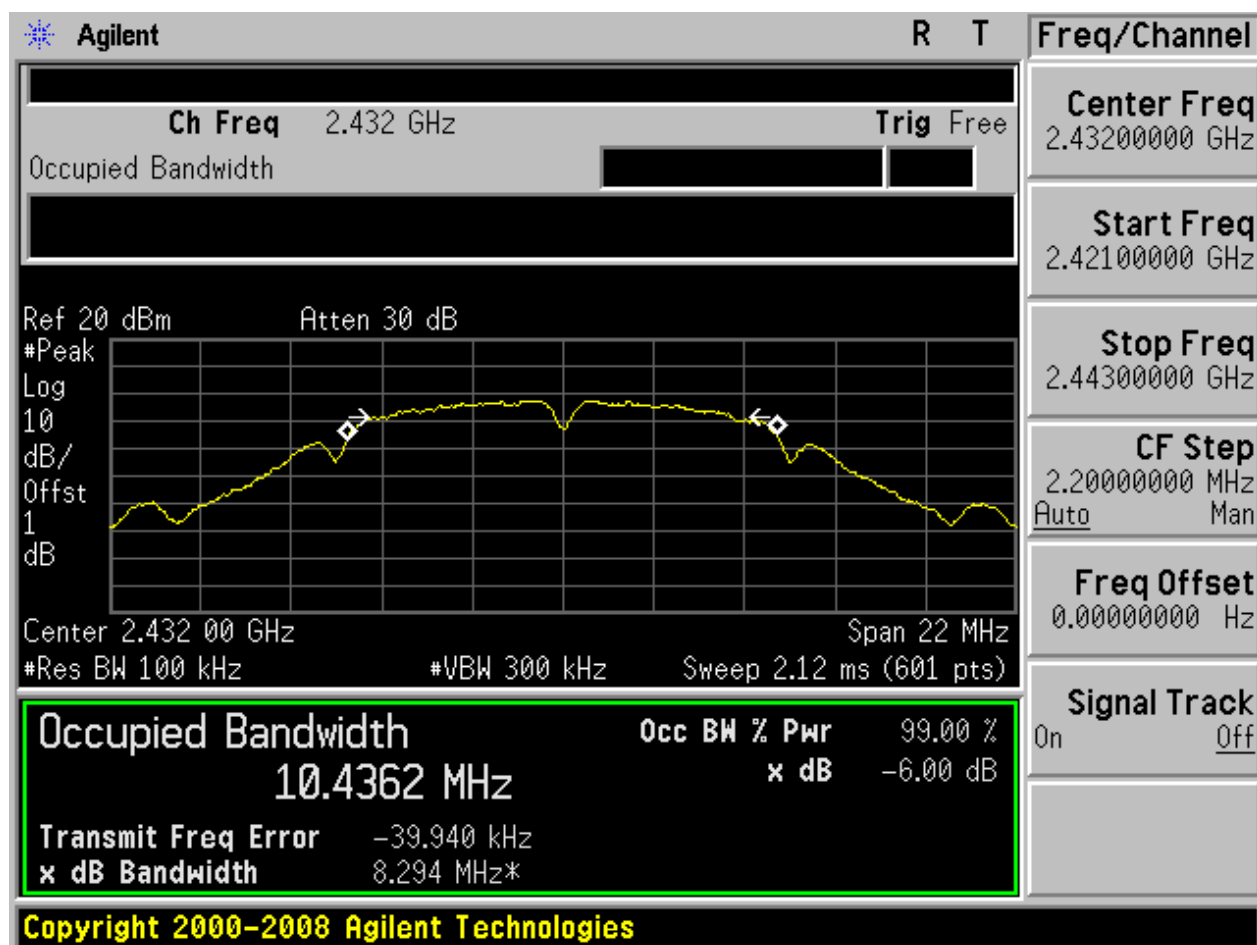


2.3 11B_M@Ant 1



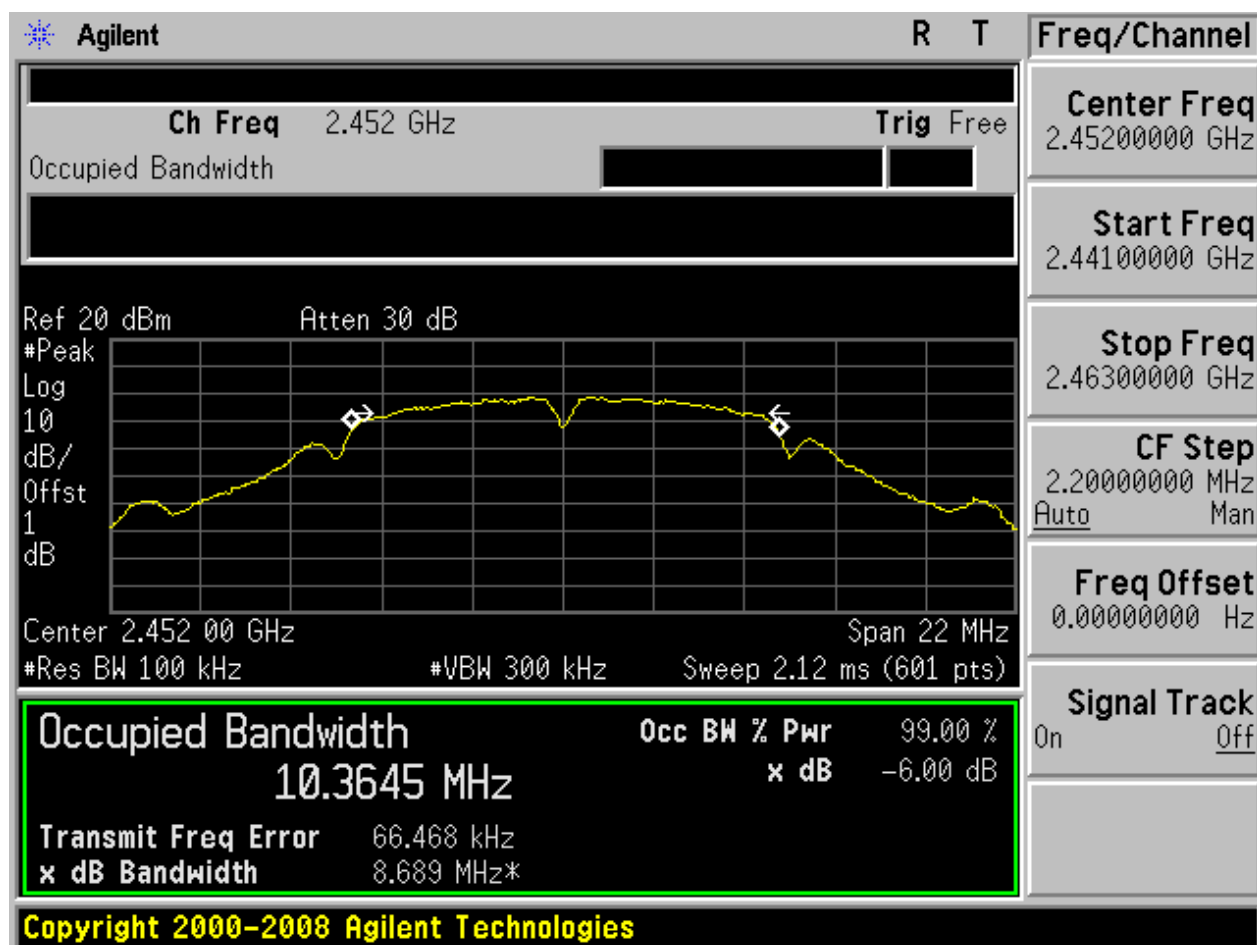


2.4 11B_M@Ant 2



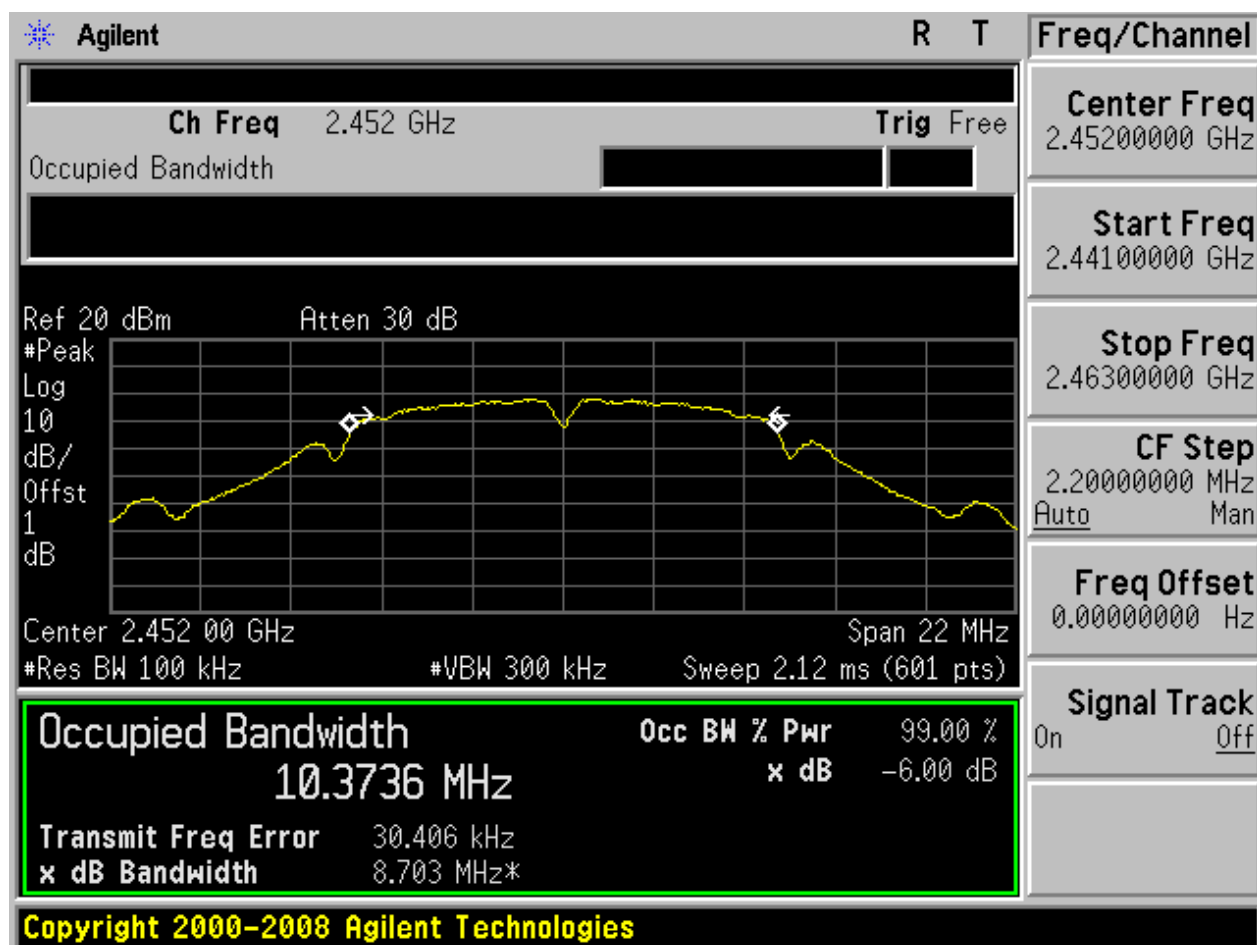


2.5 11B_H@Ant 1

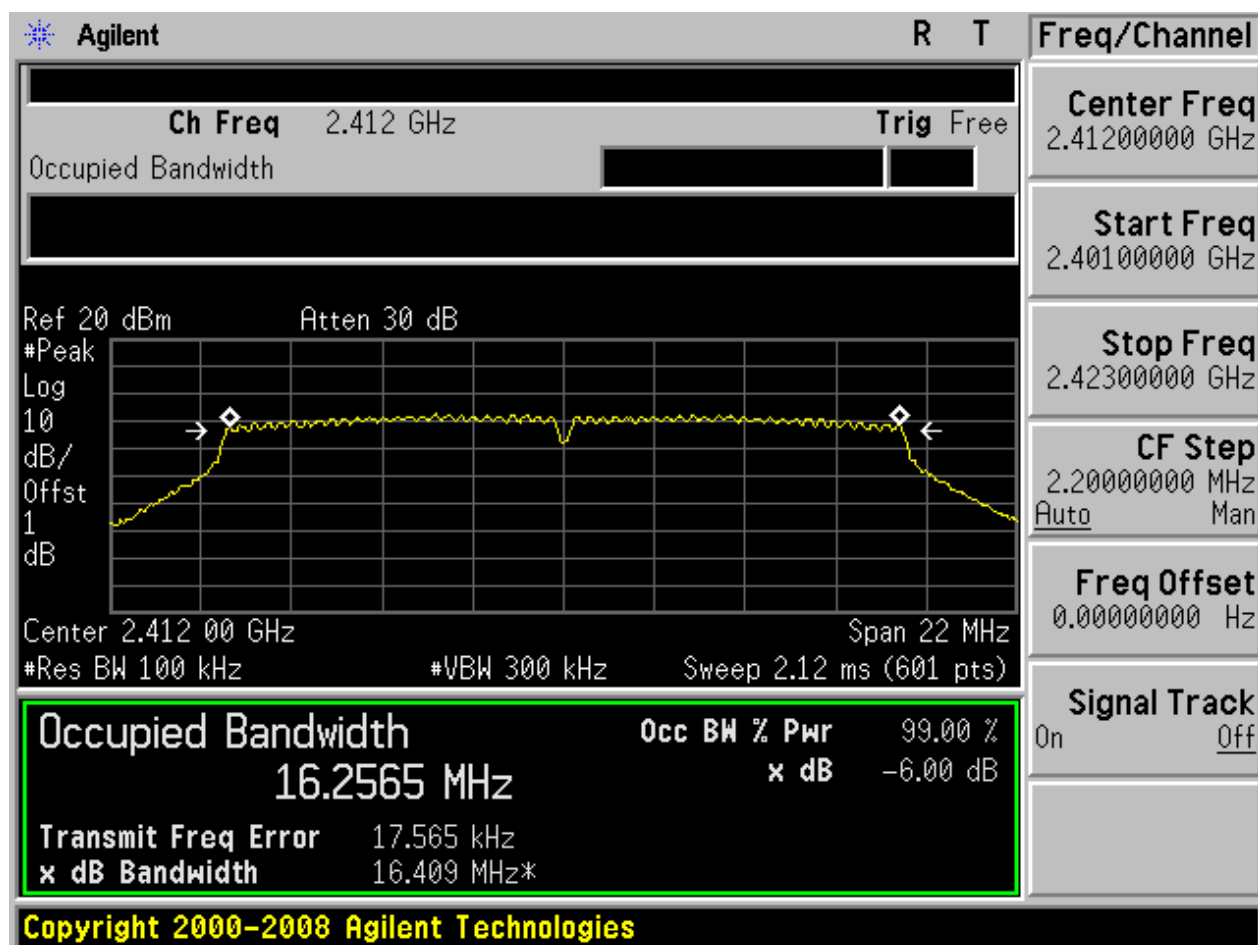




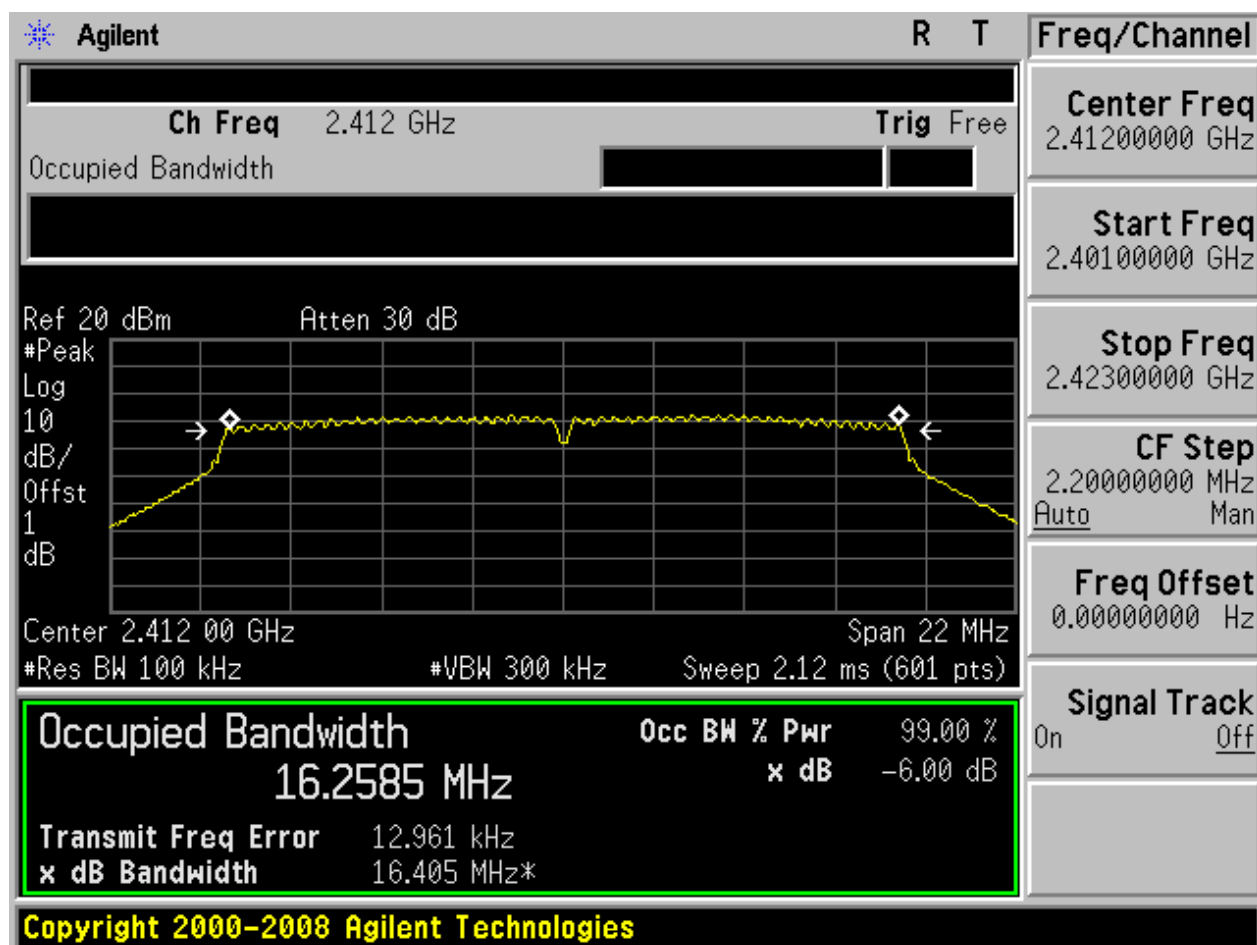
2.6 11B_H@Ant 2



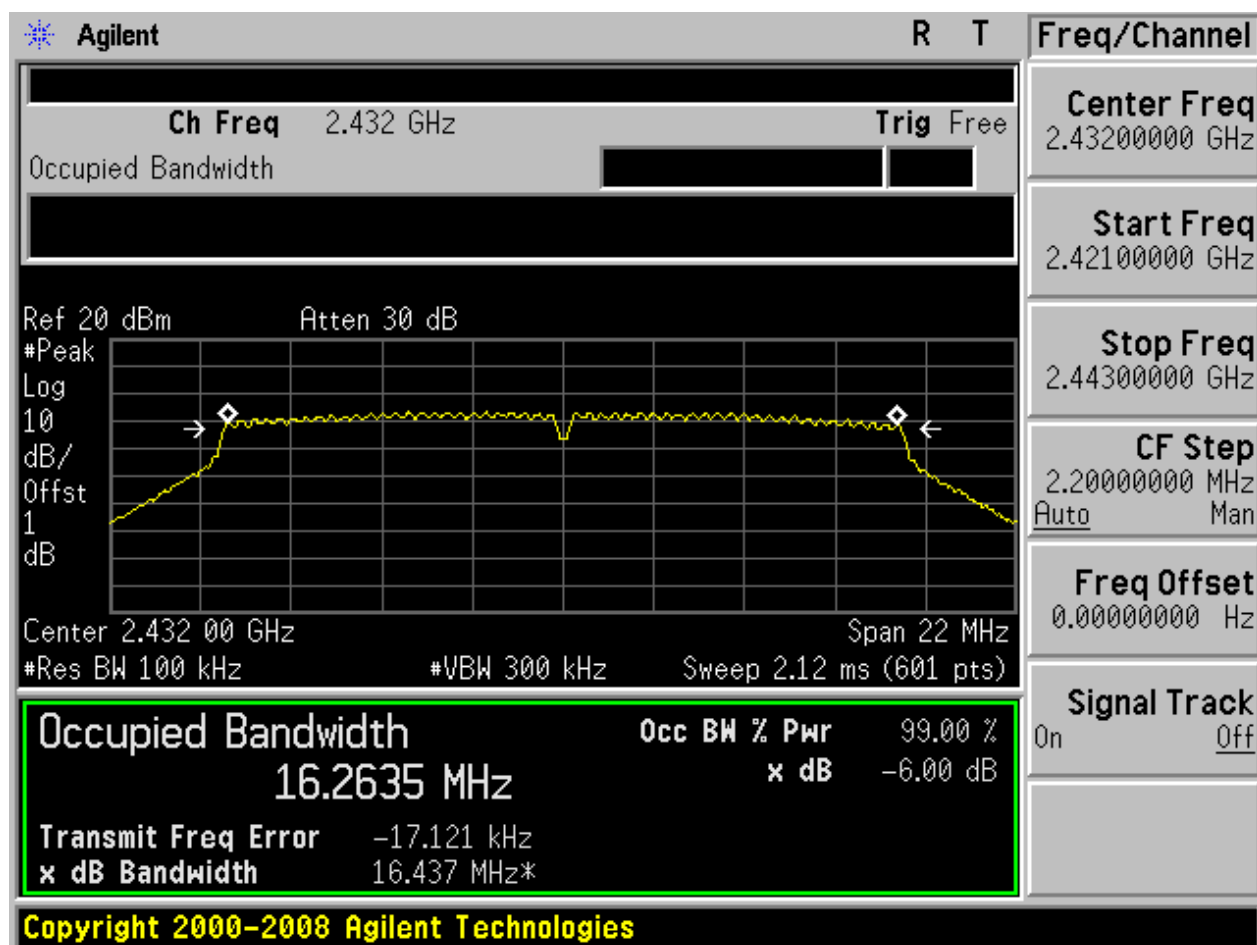
2.7 11G_L@Ant 1



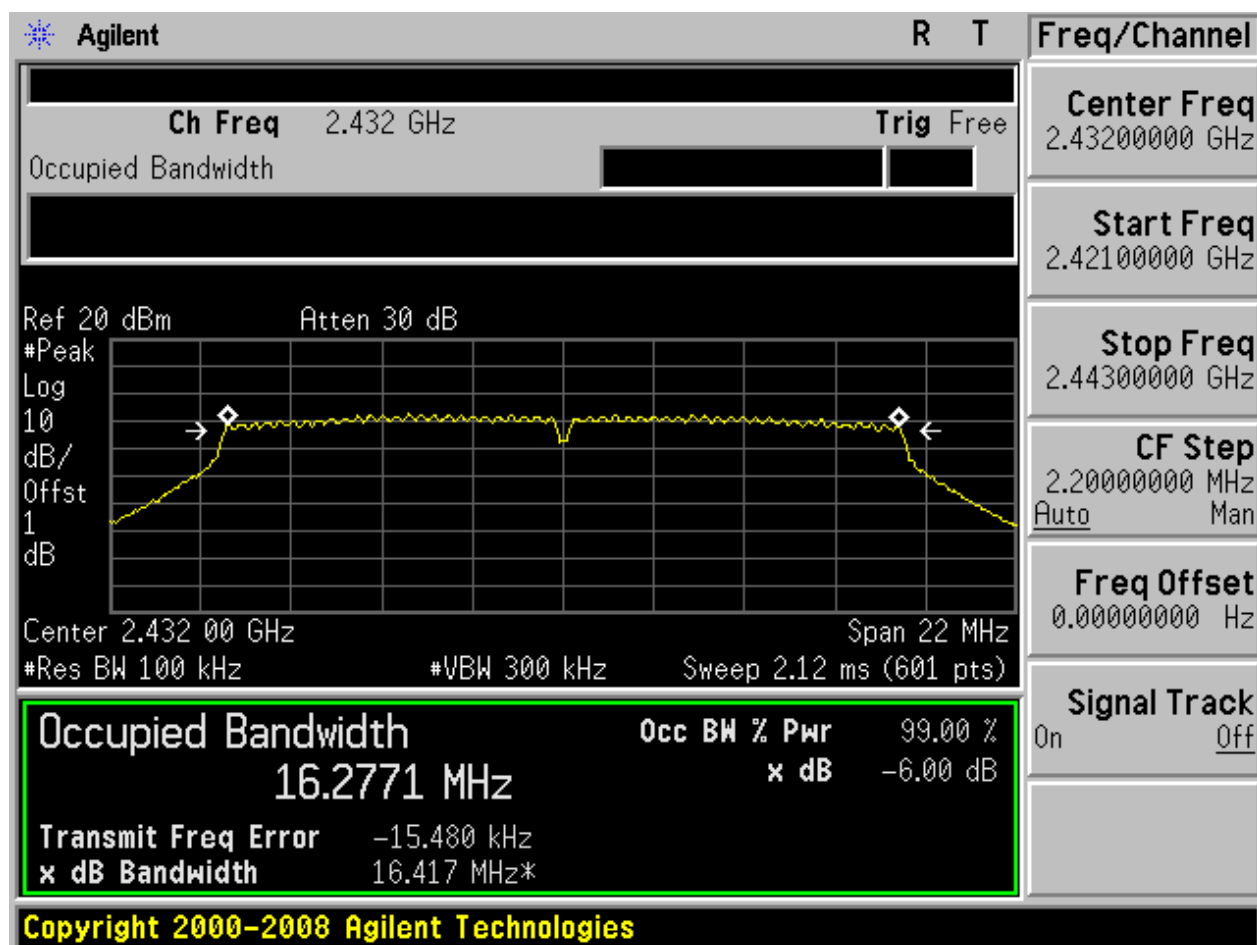
2.8 11G_L@Ant 2



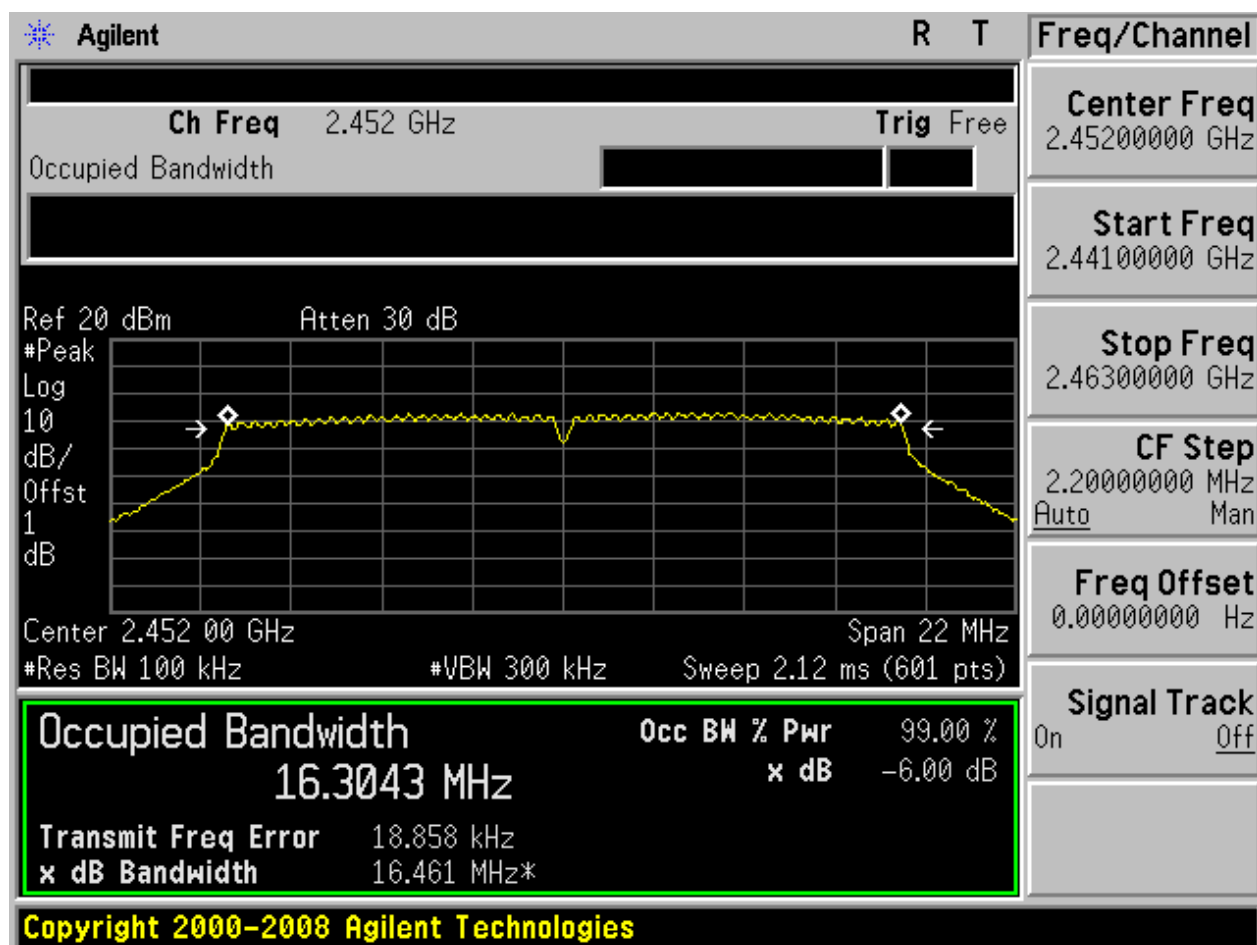
2.9 11G_M@Ant 1



2.10 11G_M@Ant 2

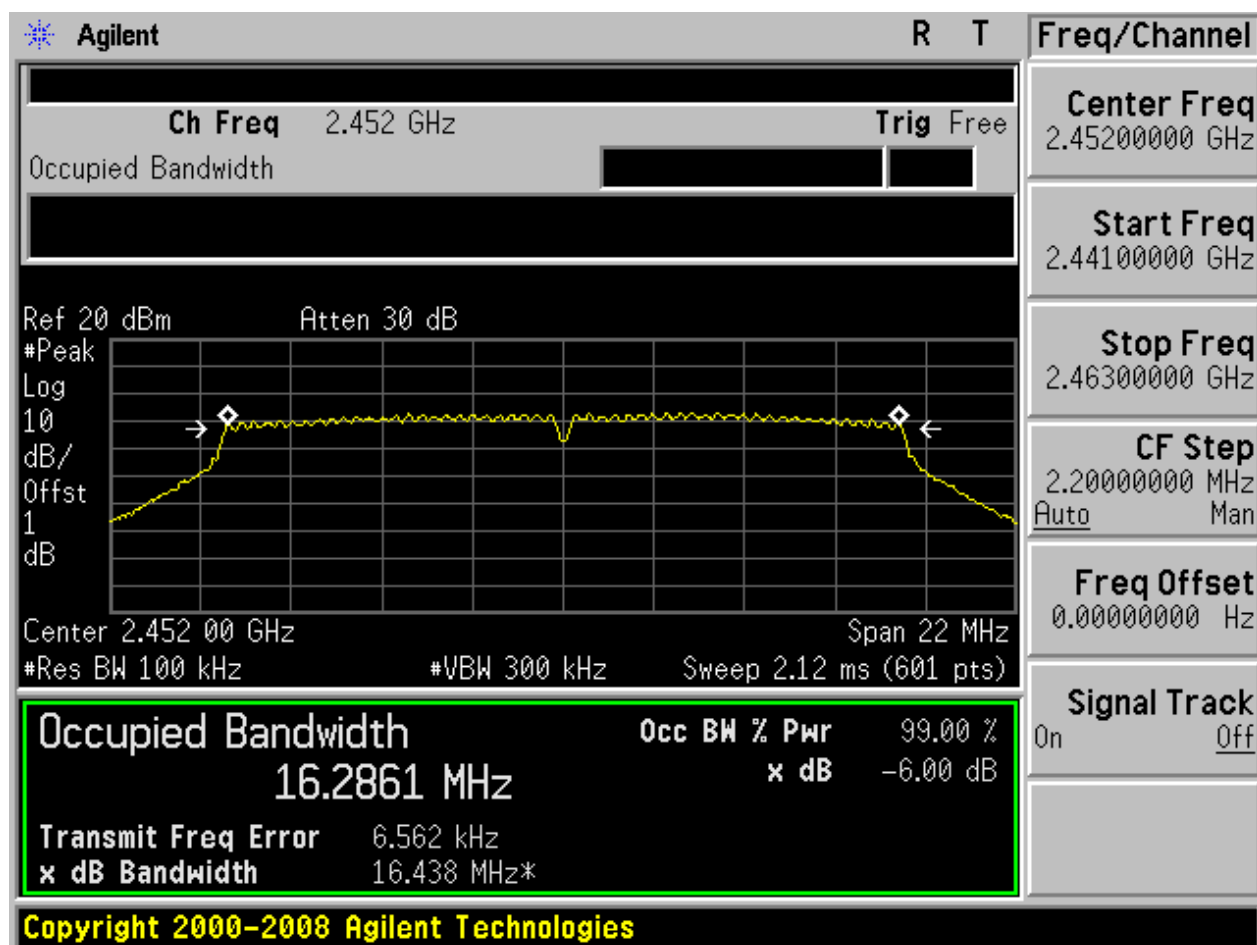


2.11 11G_H@Ant 1

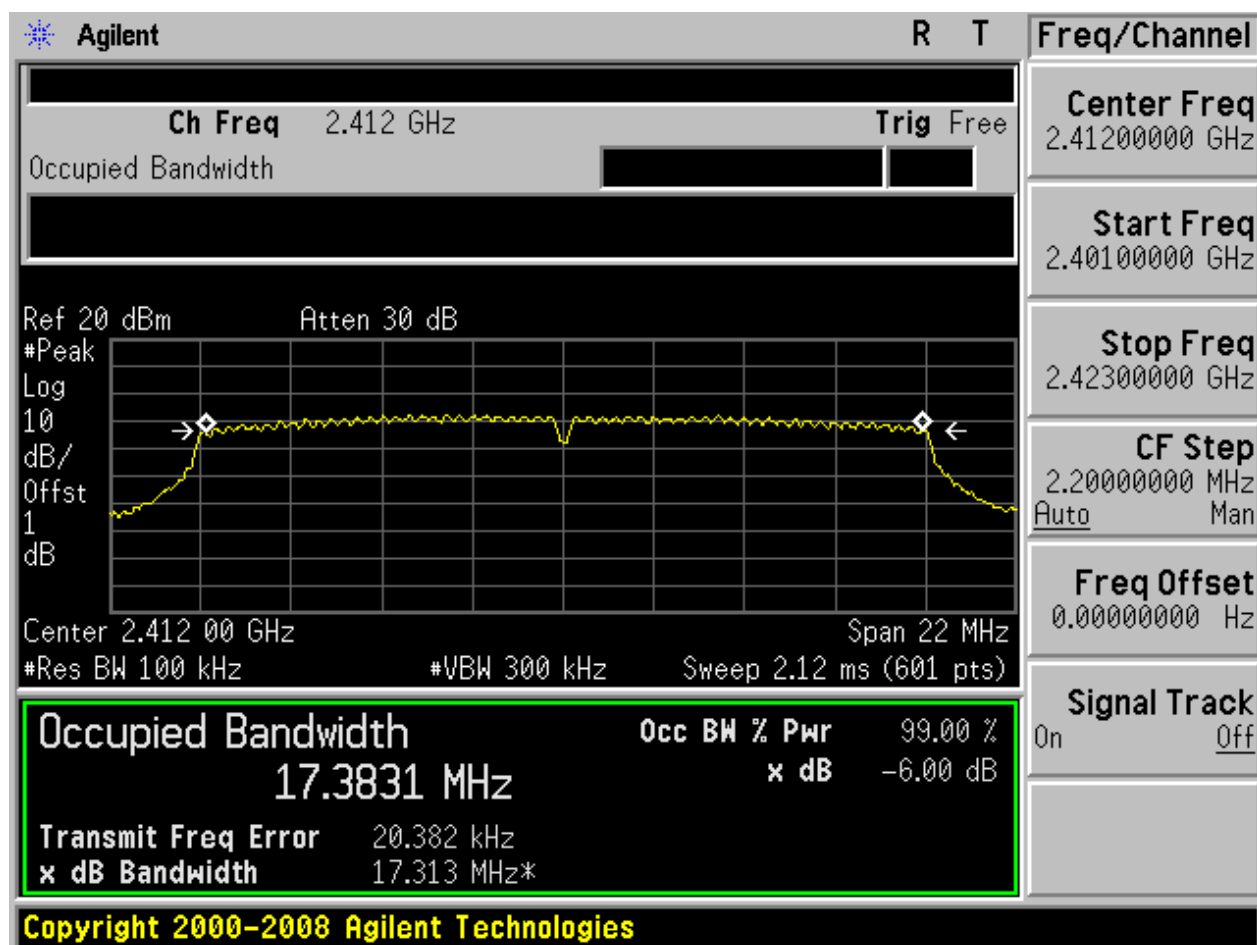




2.12 11G_H@Ant 2

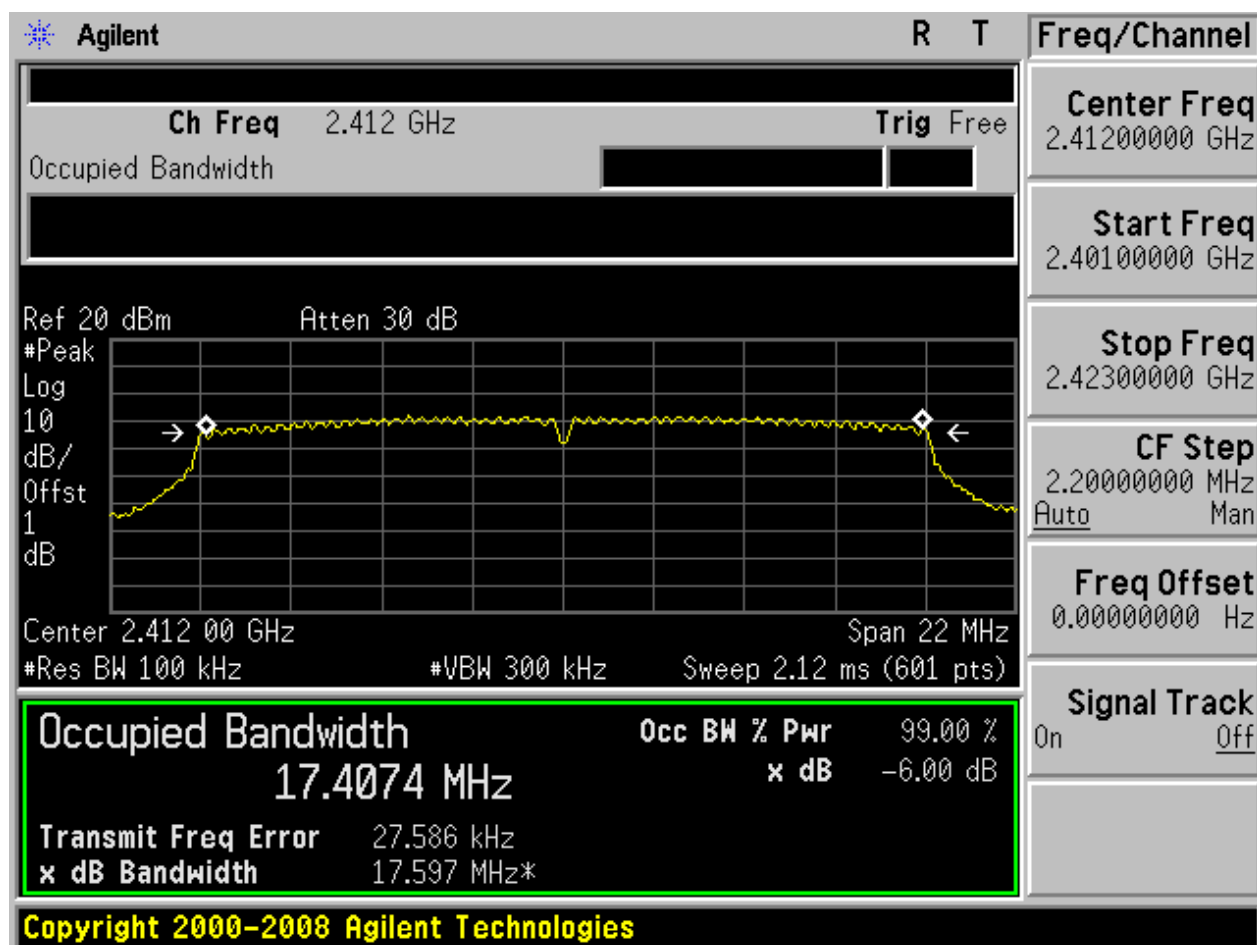


2.13 11N20_L@Ant 1



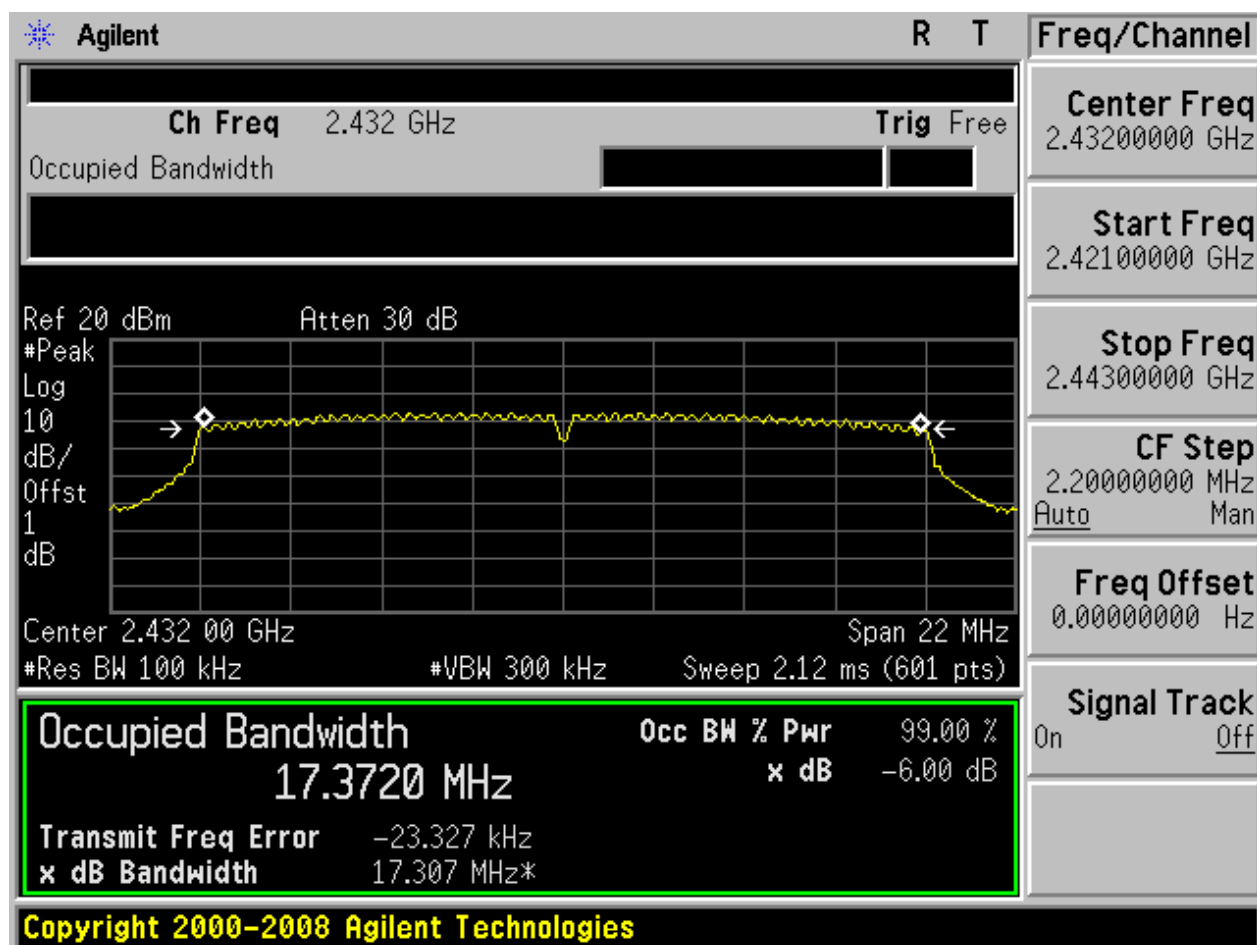


2.14 11N20_L@Ant 2

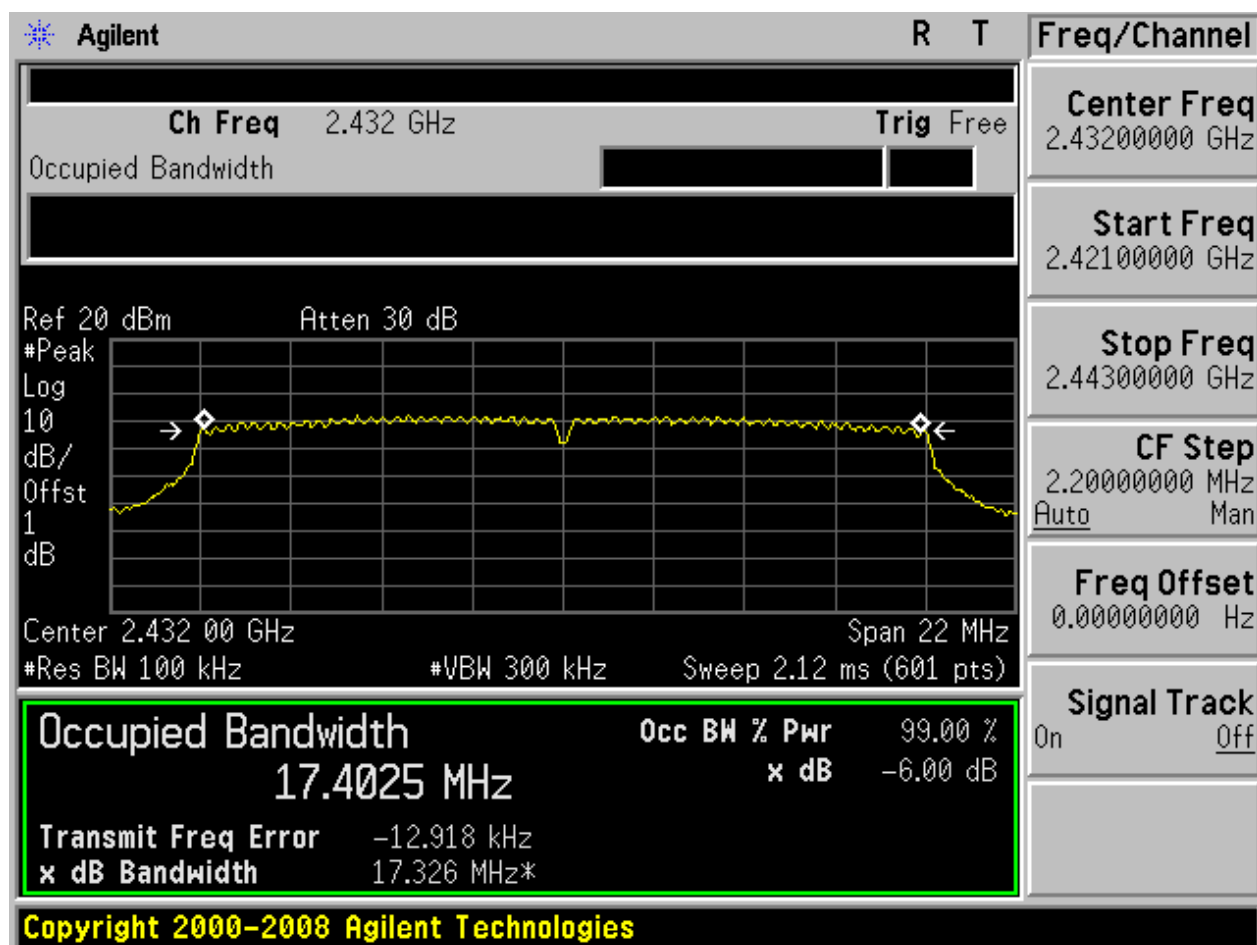




2.15 11N20_M@Ant 1

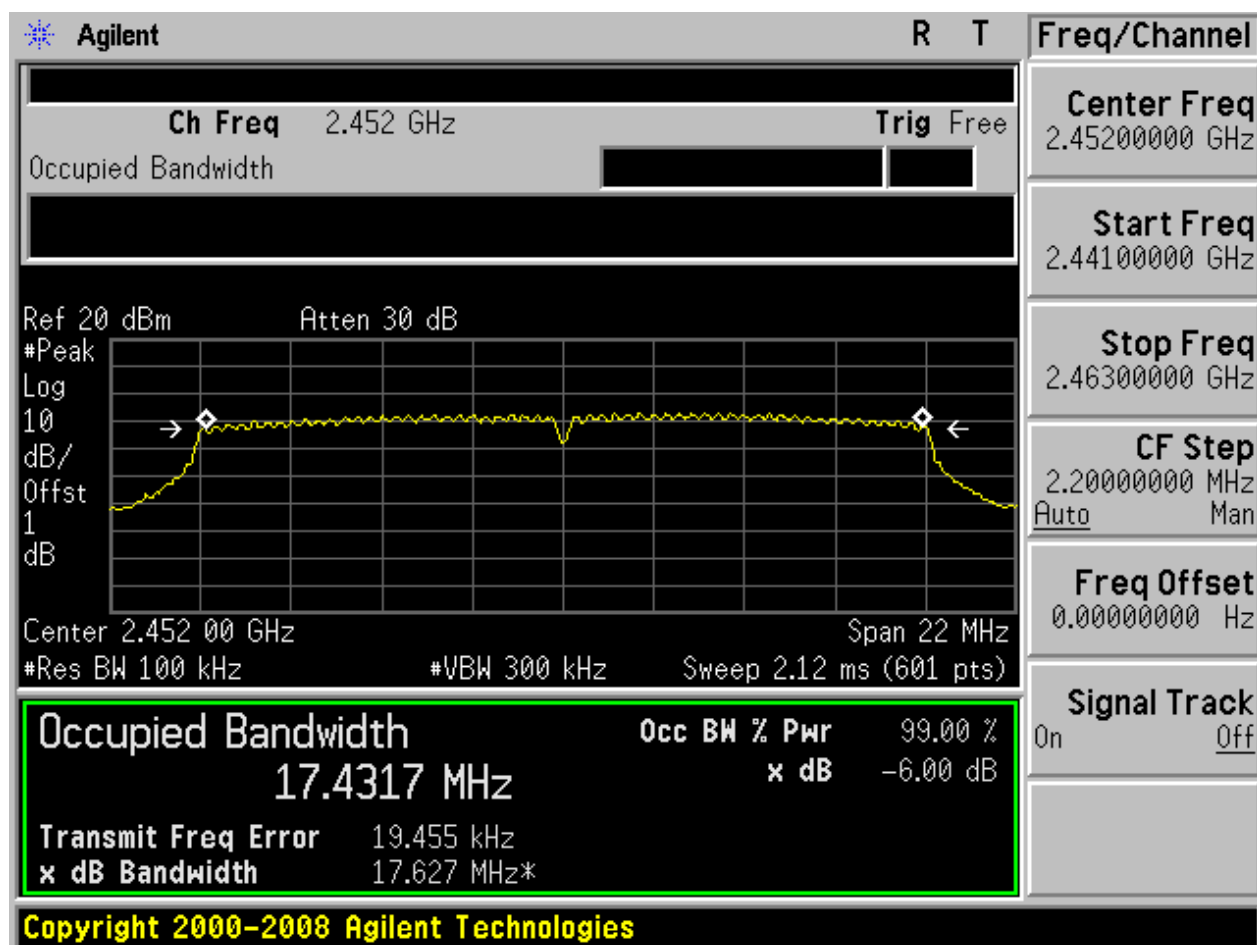


2.16 11N20_M@Ant 2

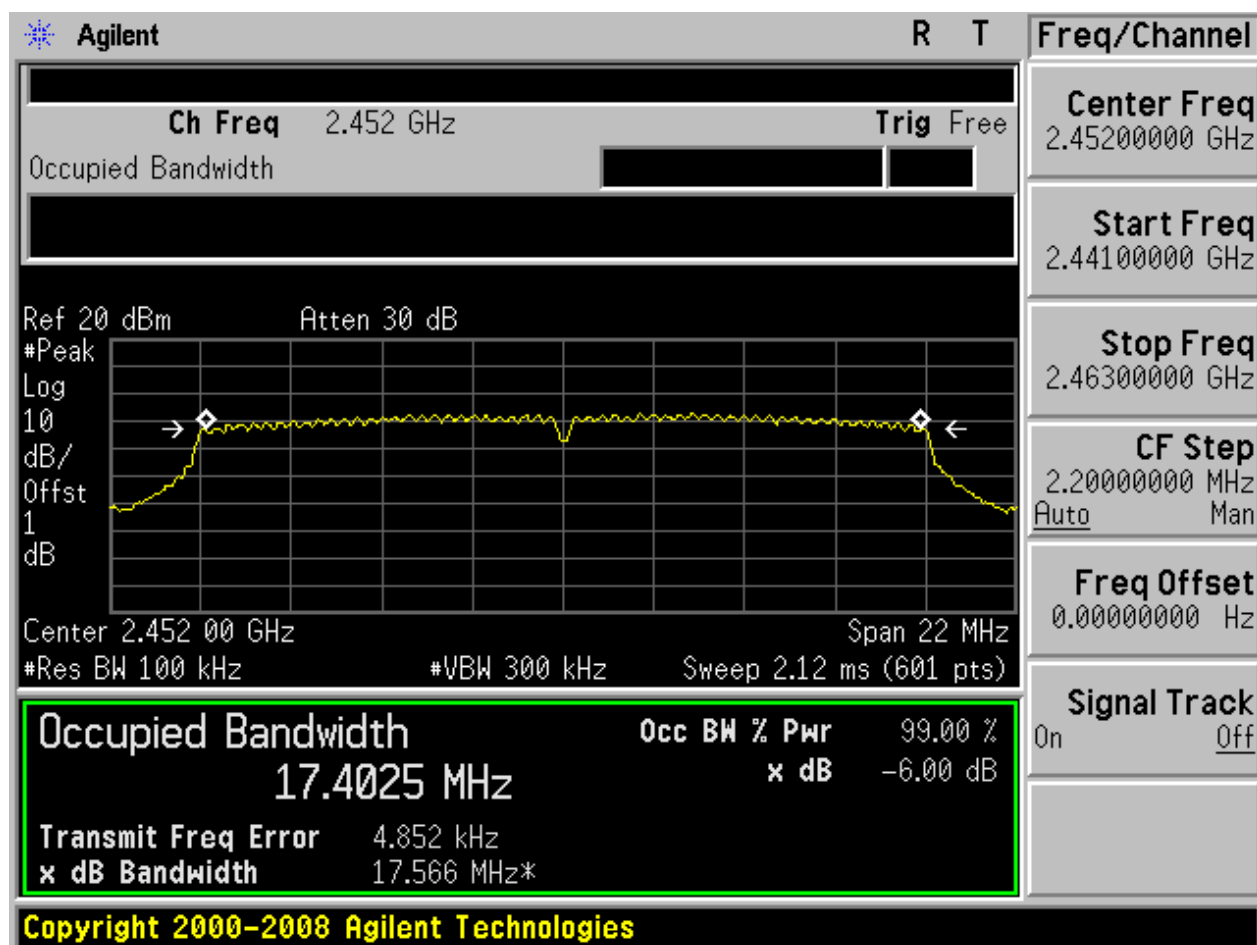




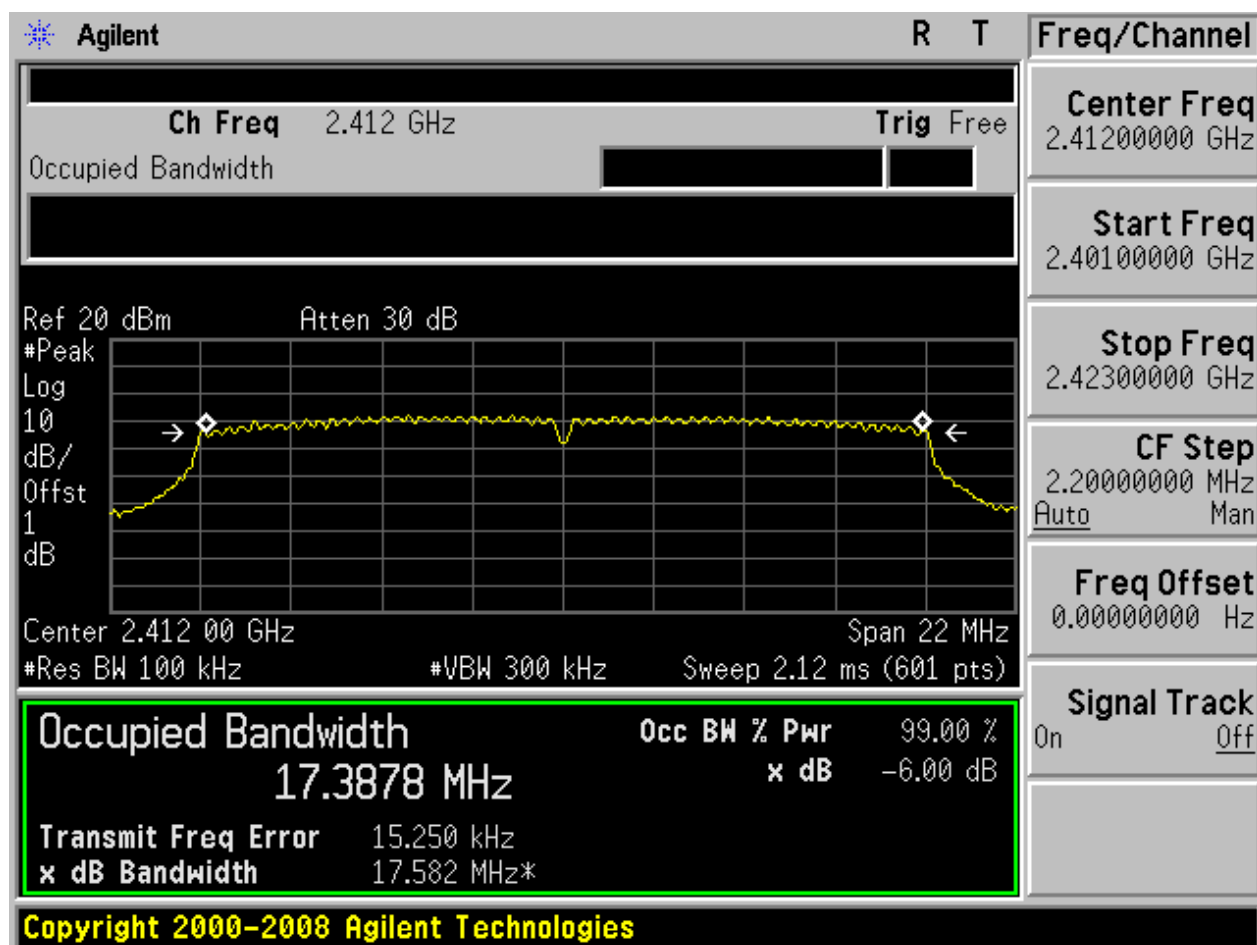
2.17 11N20_H@Ant 1



2.18 11N20_H@Ant 2

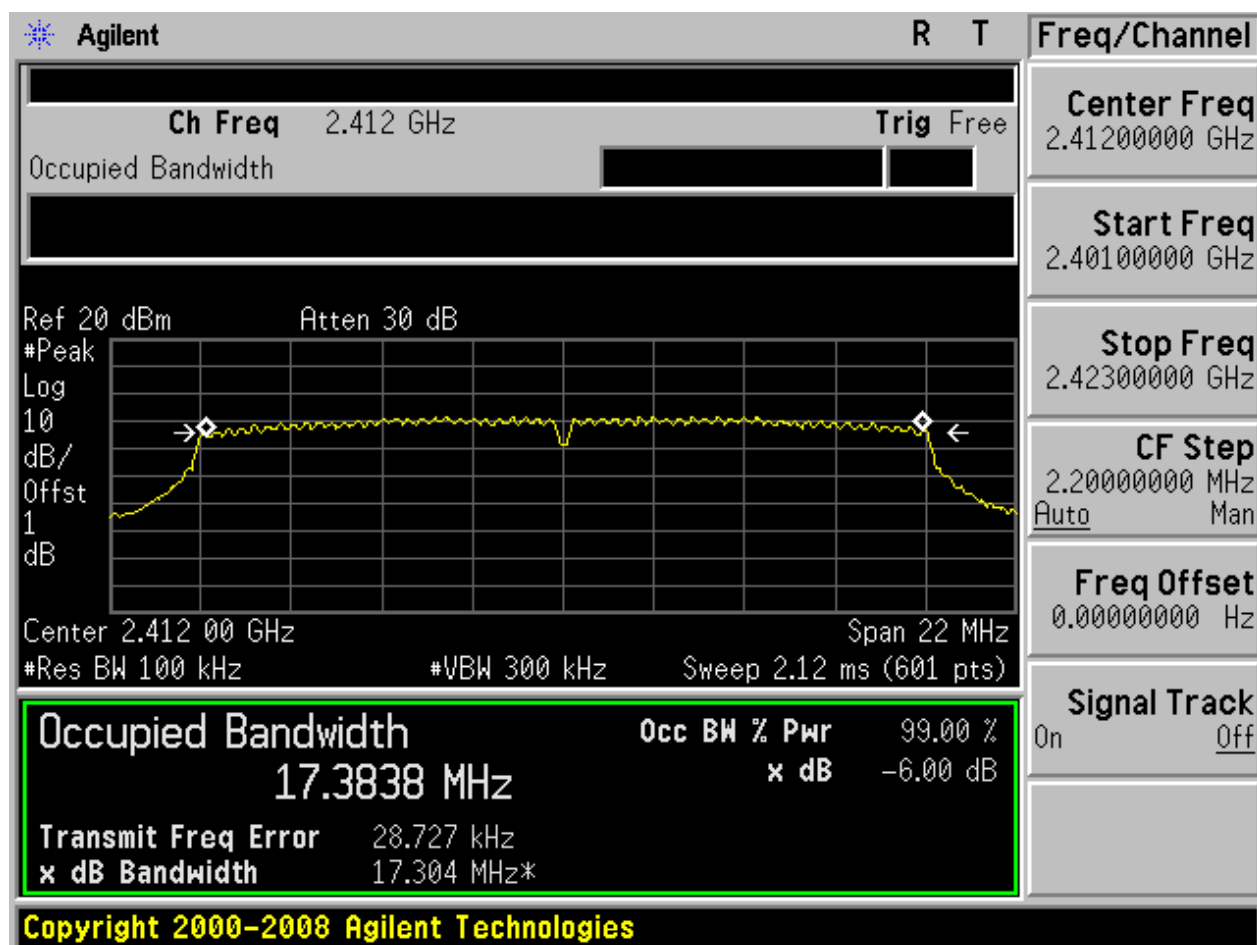


2.19 11N20m_L@Ant 1

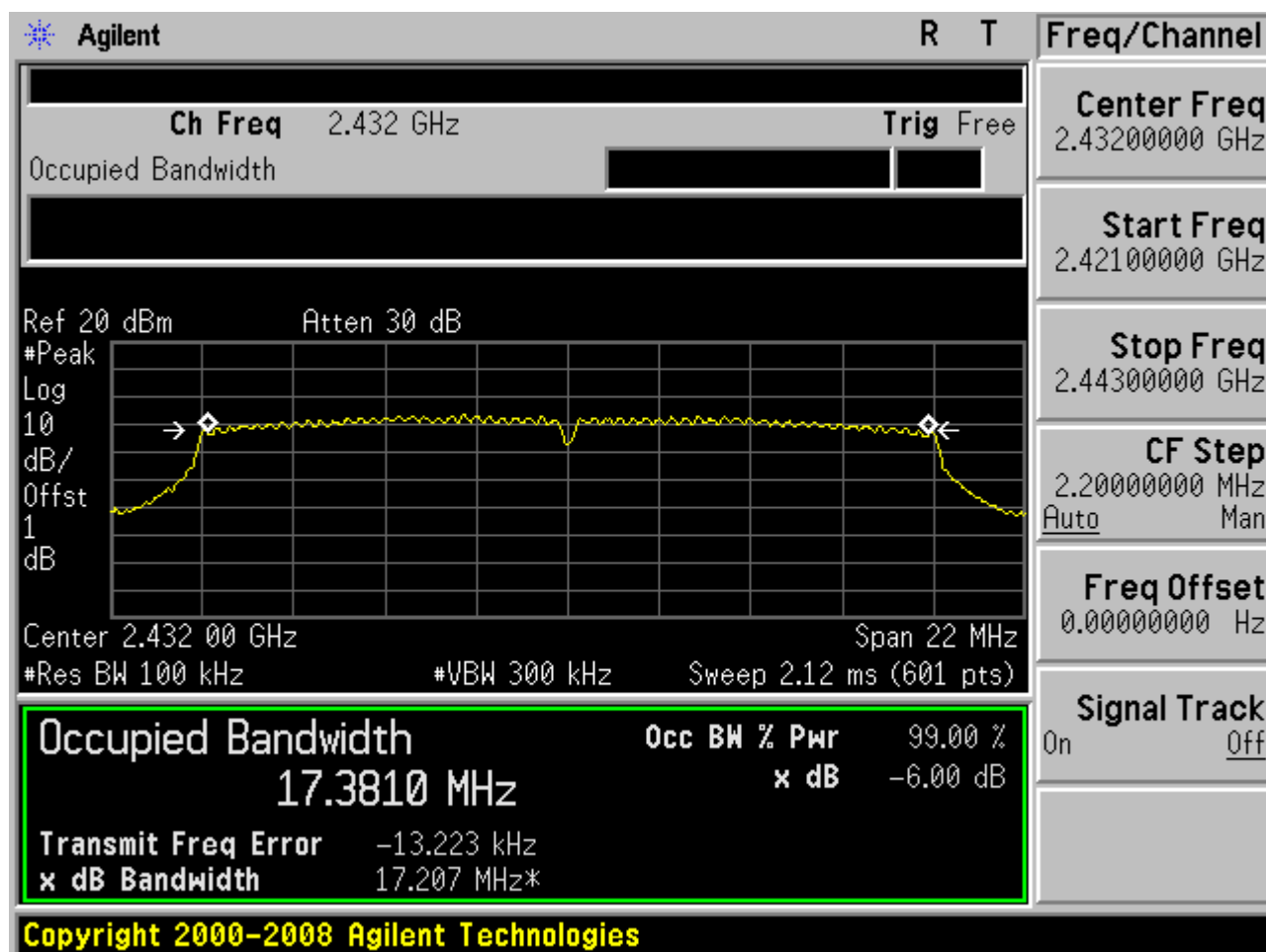




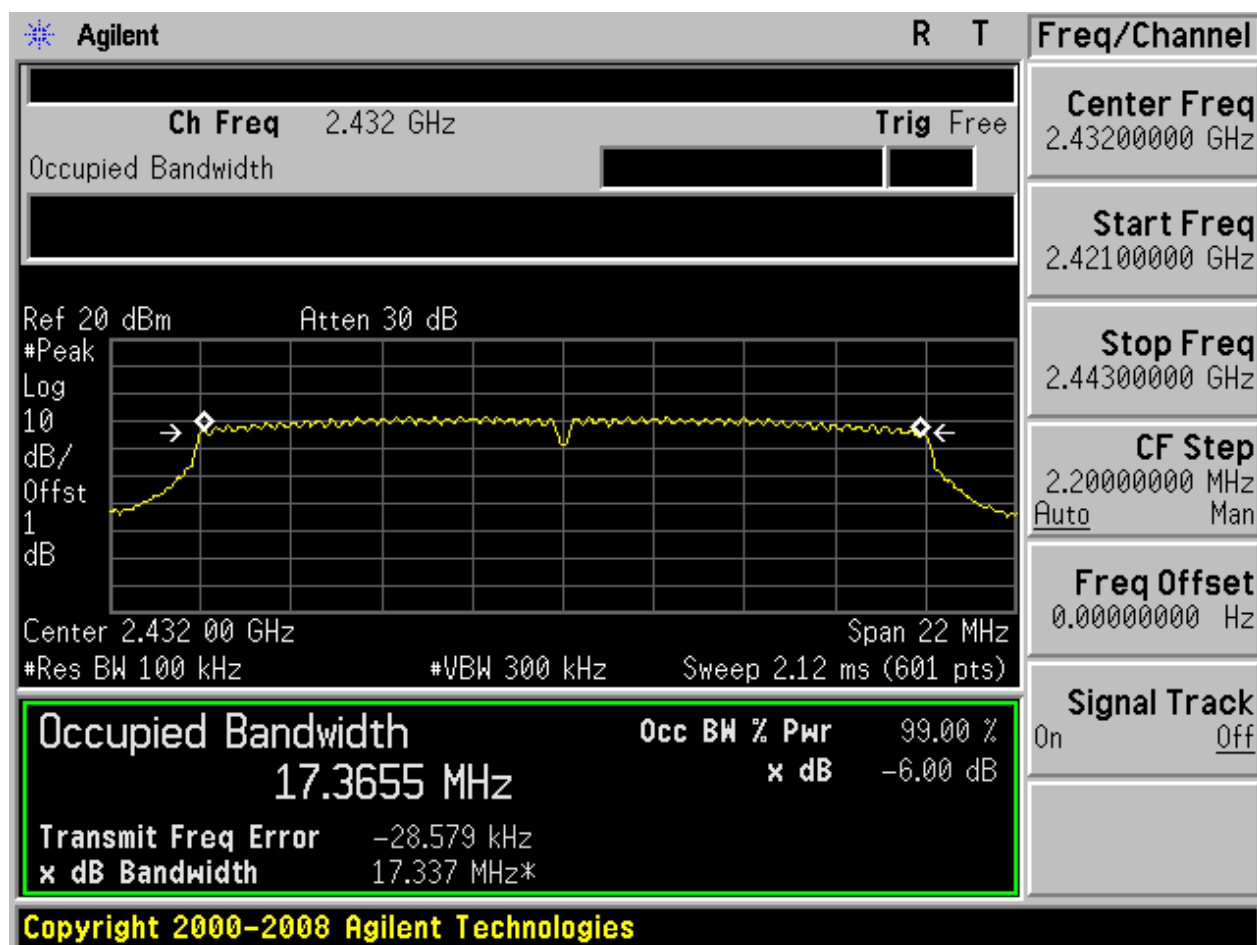
2.20 11N20m_L@Ant 2



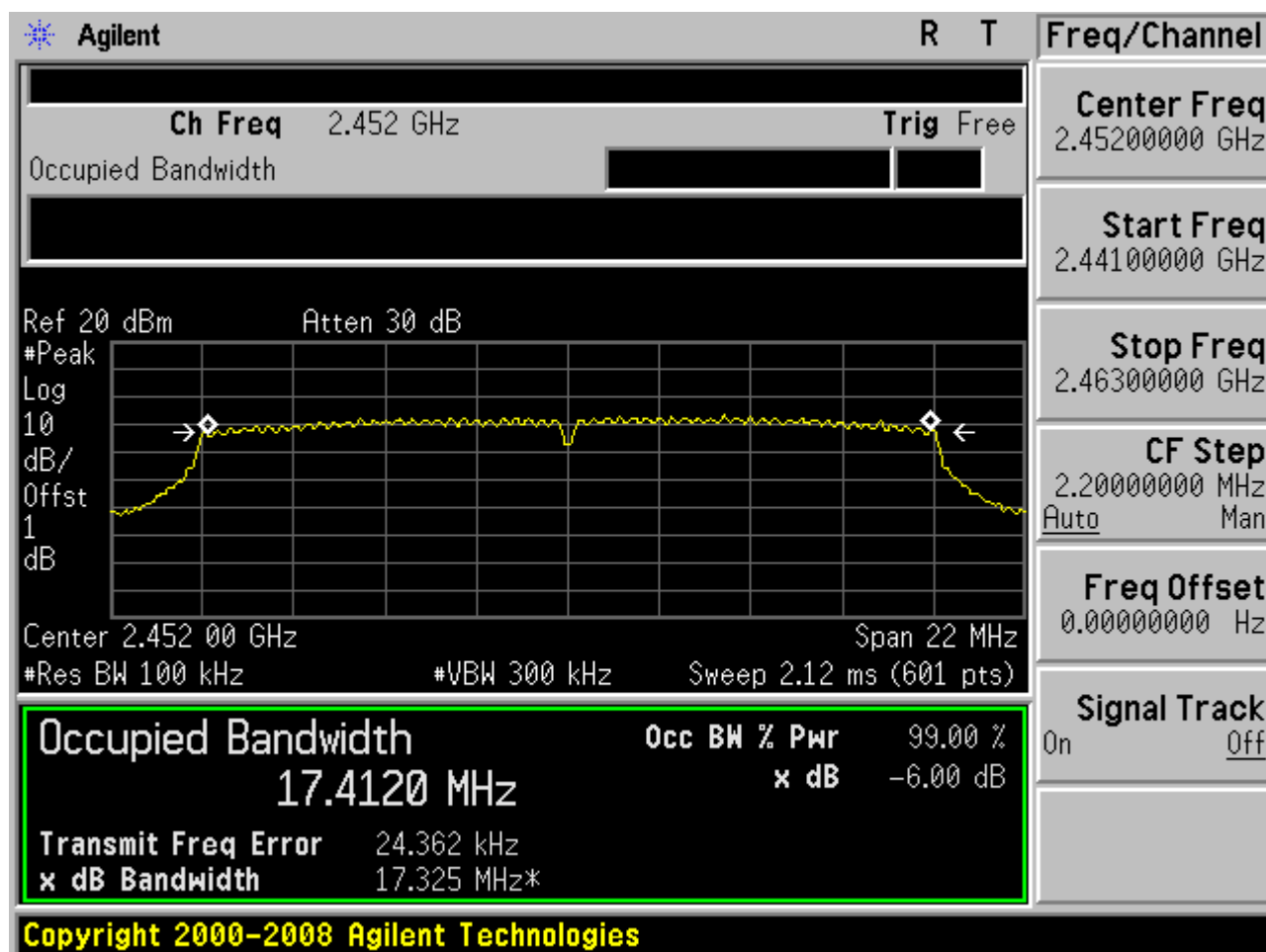
2.21 11N20m_M@Ant 1



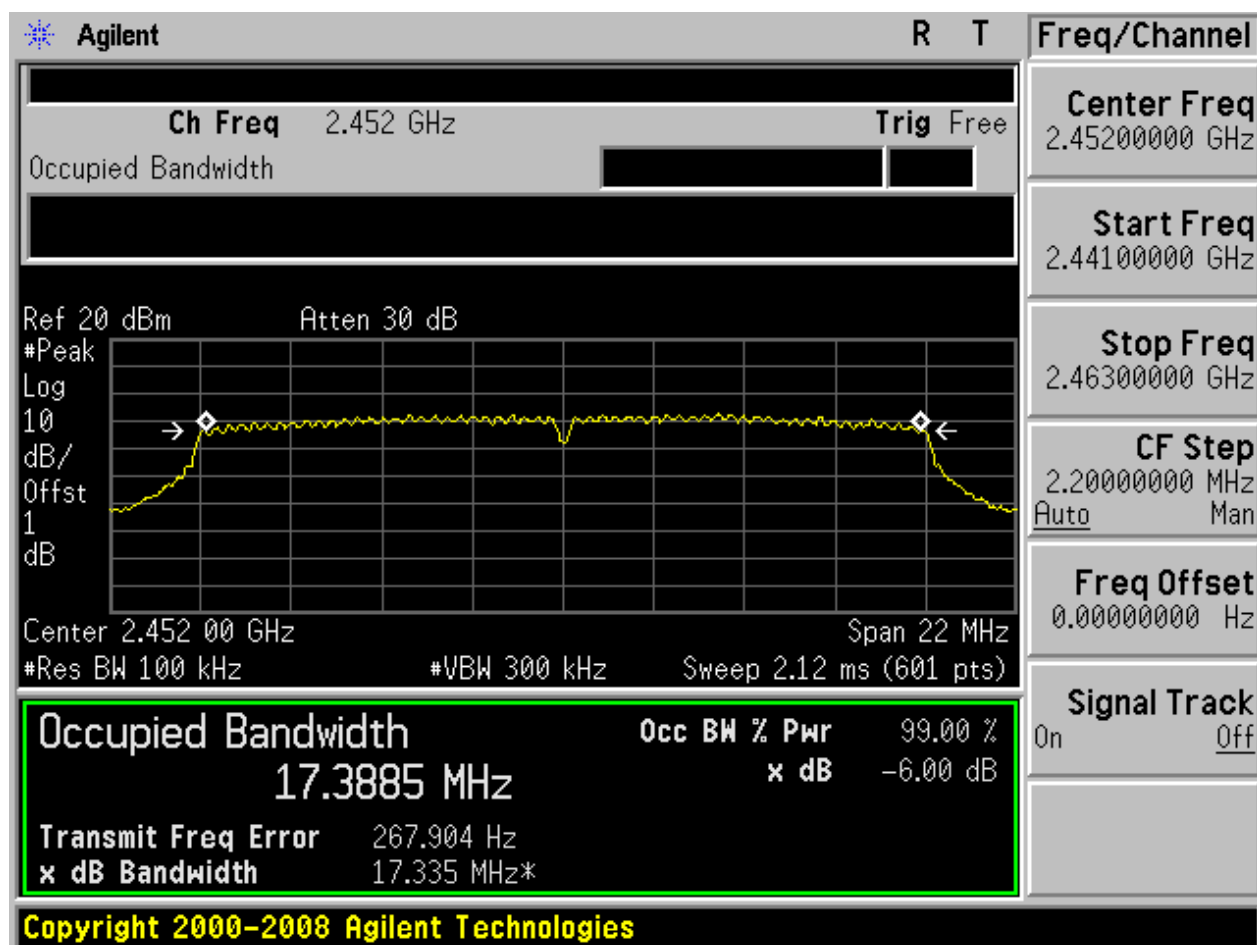
2.22 11N20m_M@Ant 2



2.23 11N20m_H@Ant 1

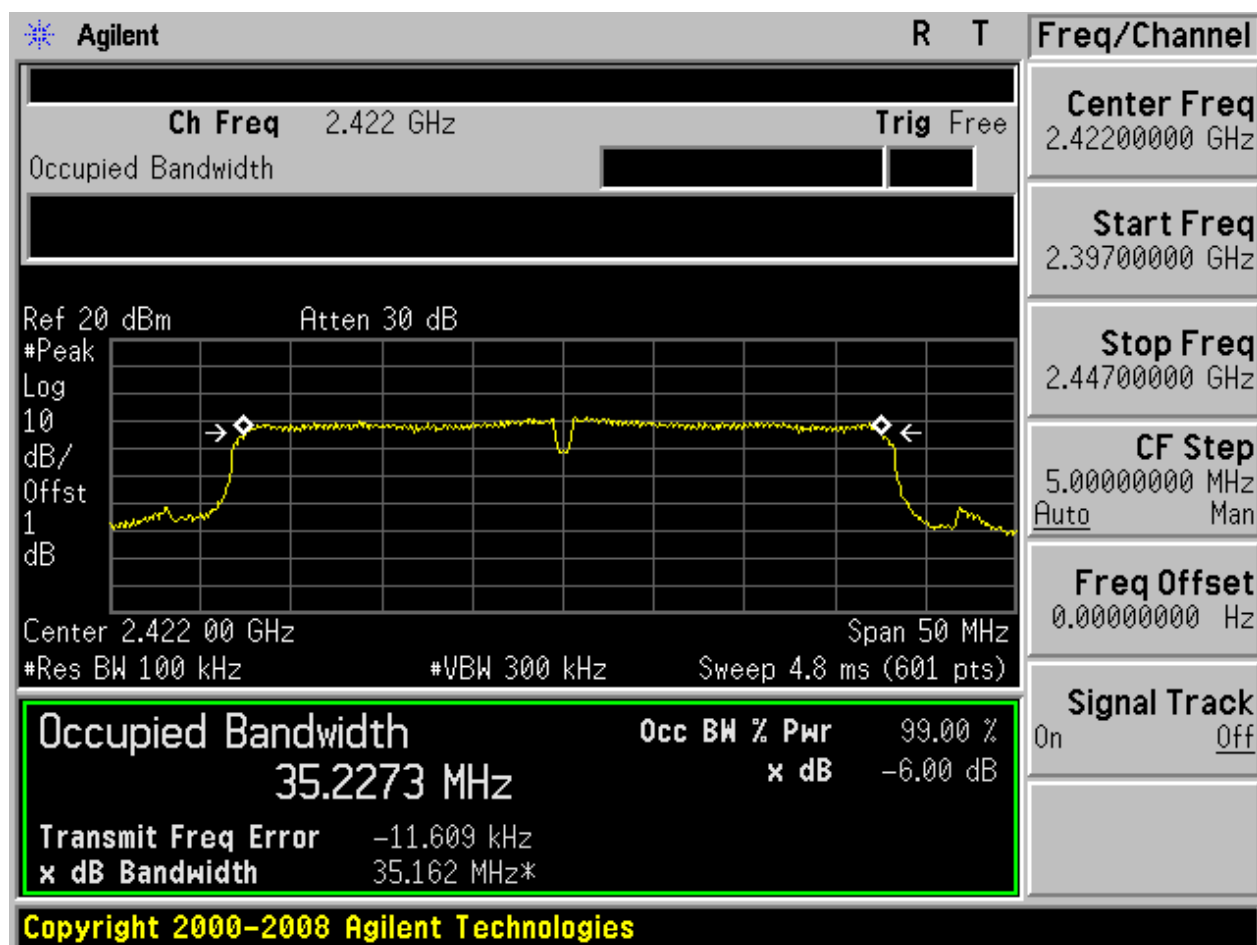


2.24 11N20m_H@Ant 2

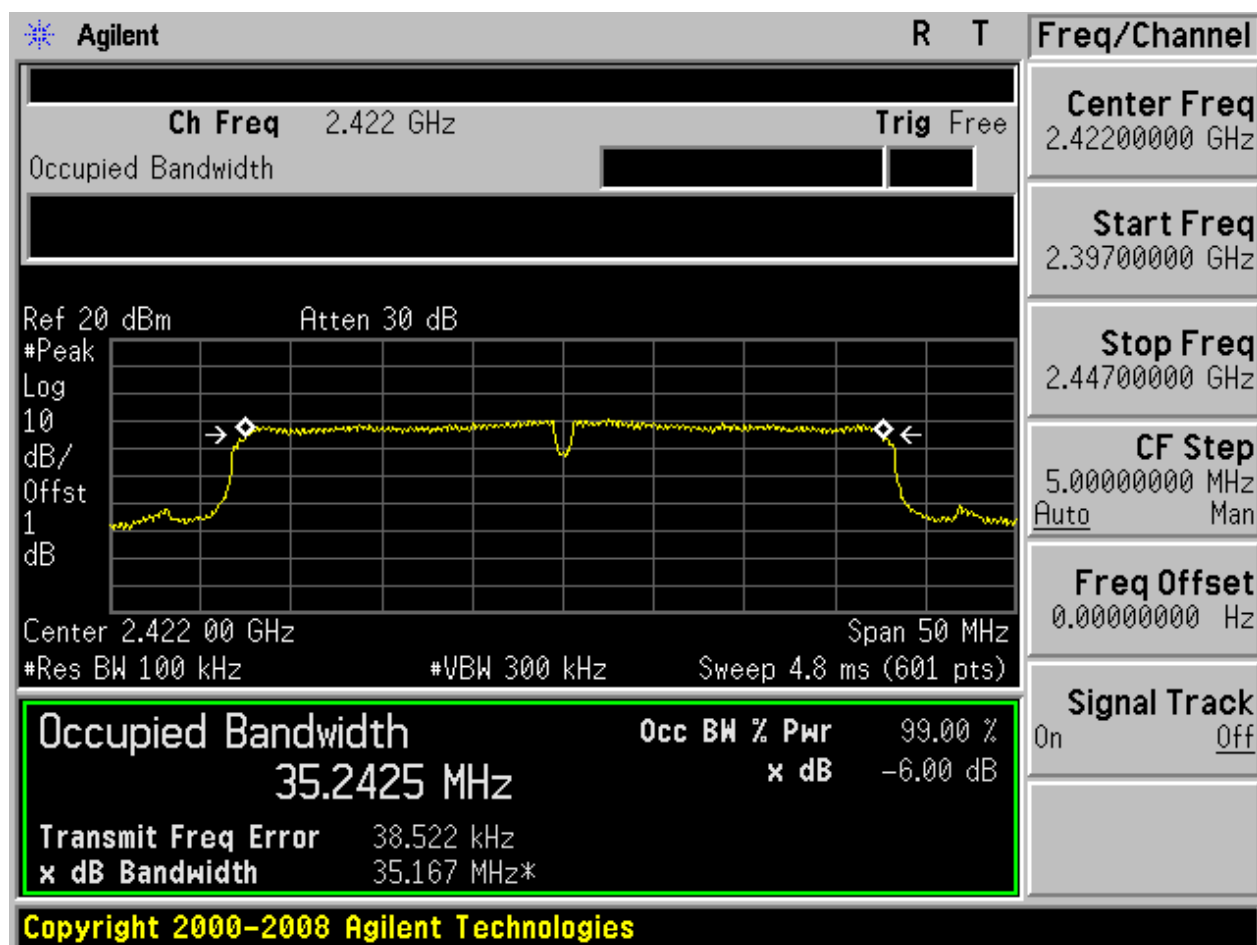




2.25 11N40_L@Ant 1

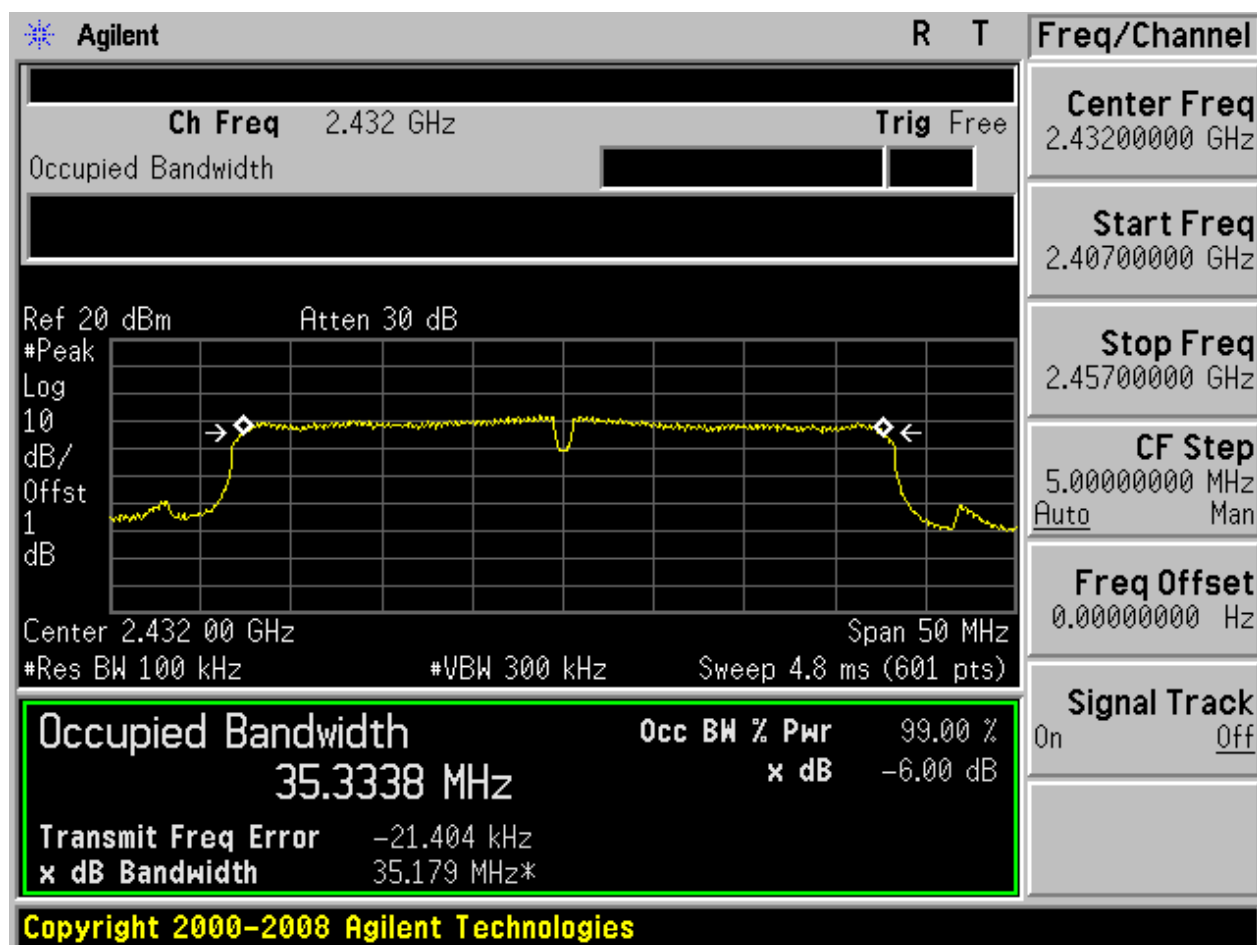


2.26 11N40_L@Ant 2



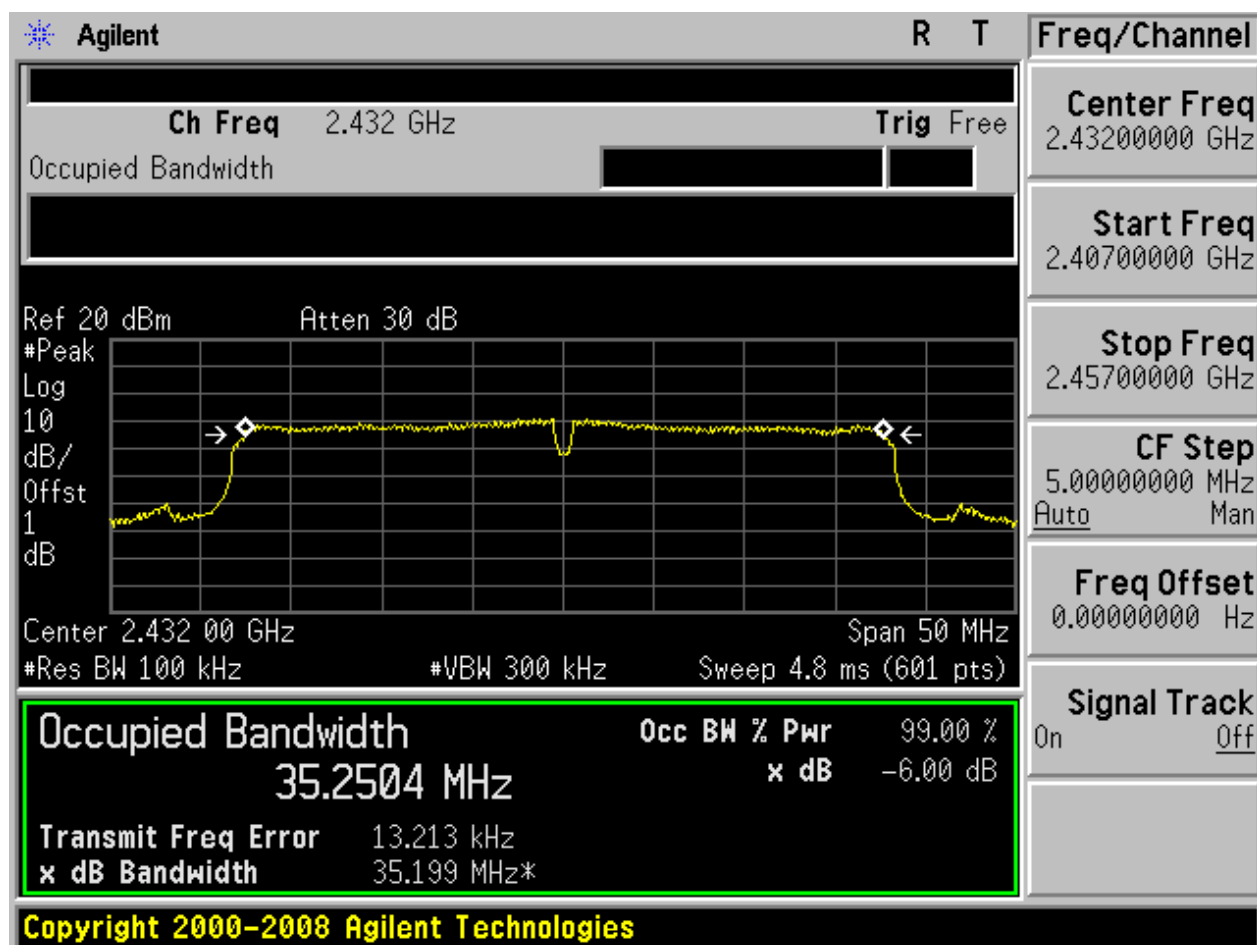


2.27 11N40_M@Ant 1

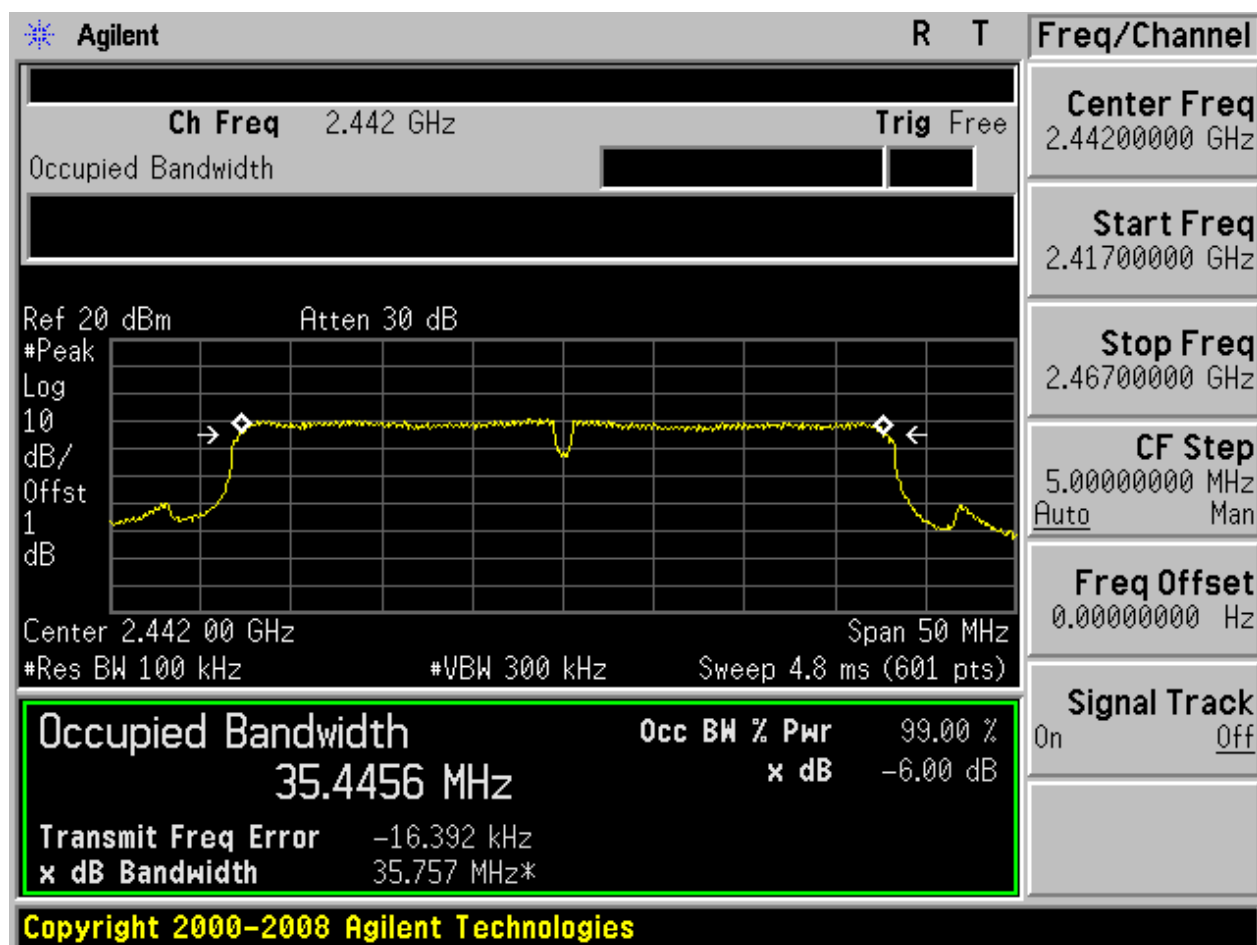




2.28 11N40_M@Ant 2

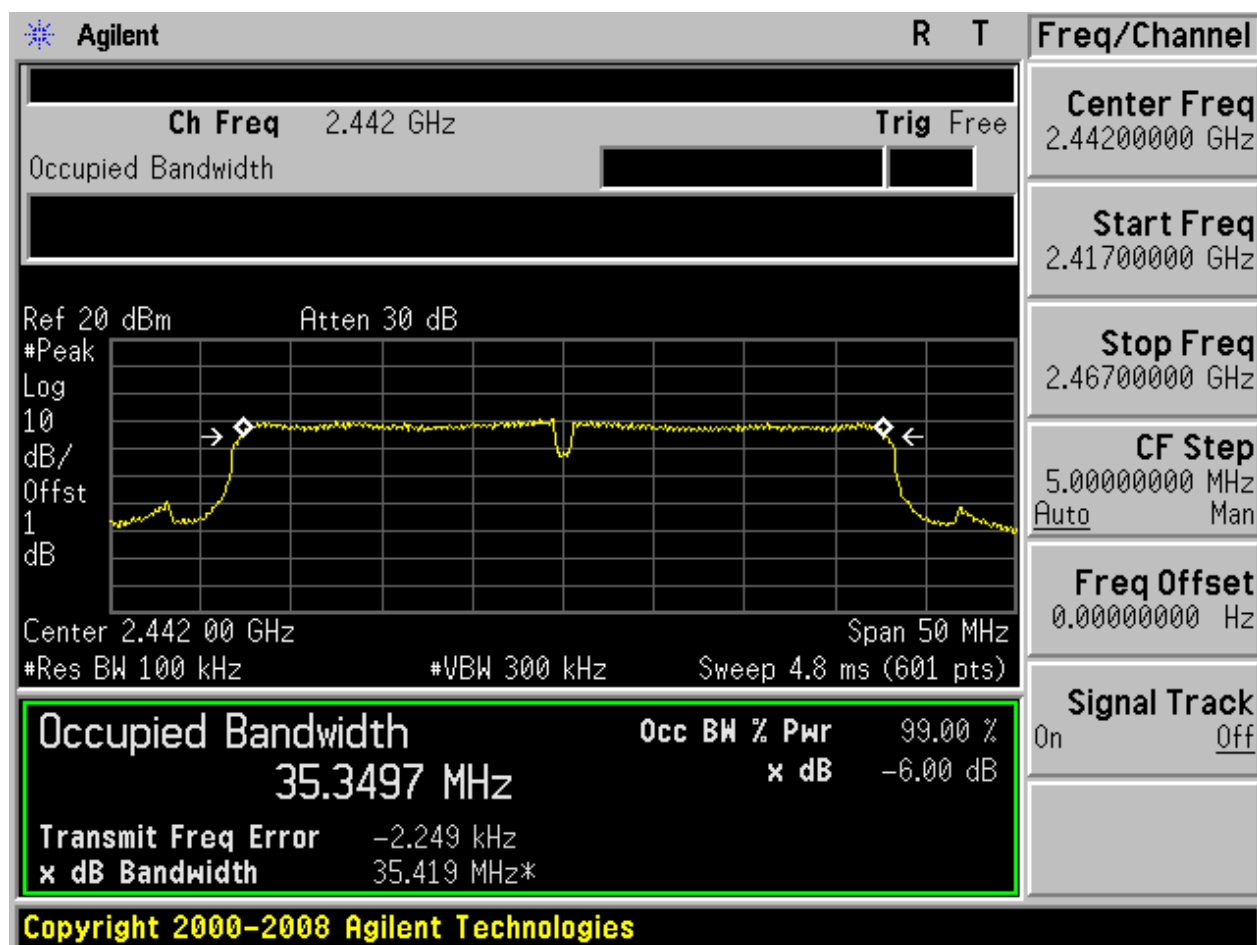


2.29 11N40_H@Ant 1



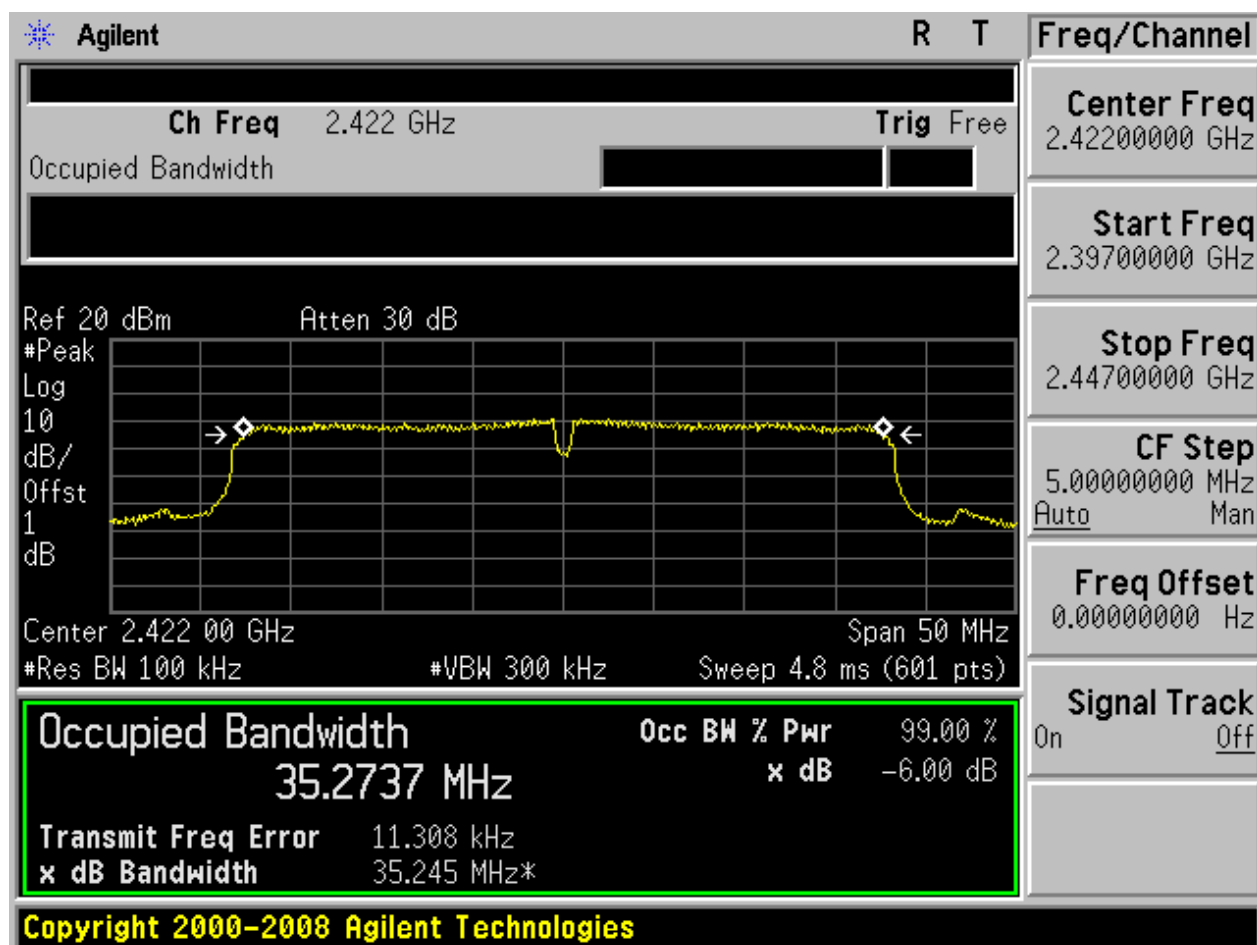


2.30 11N40_H@Ant 2



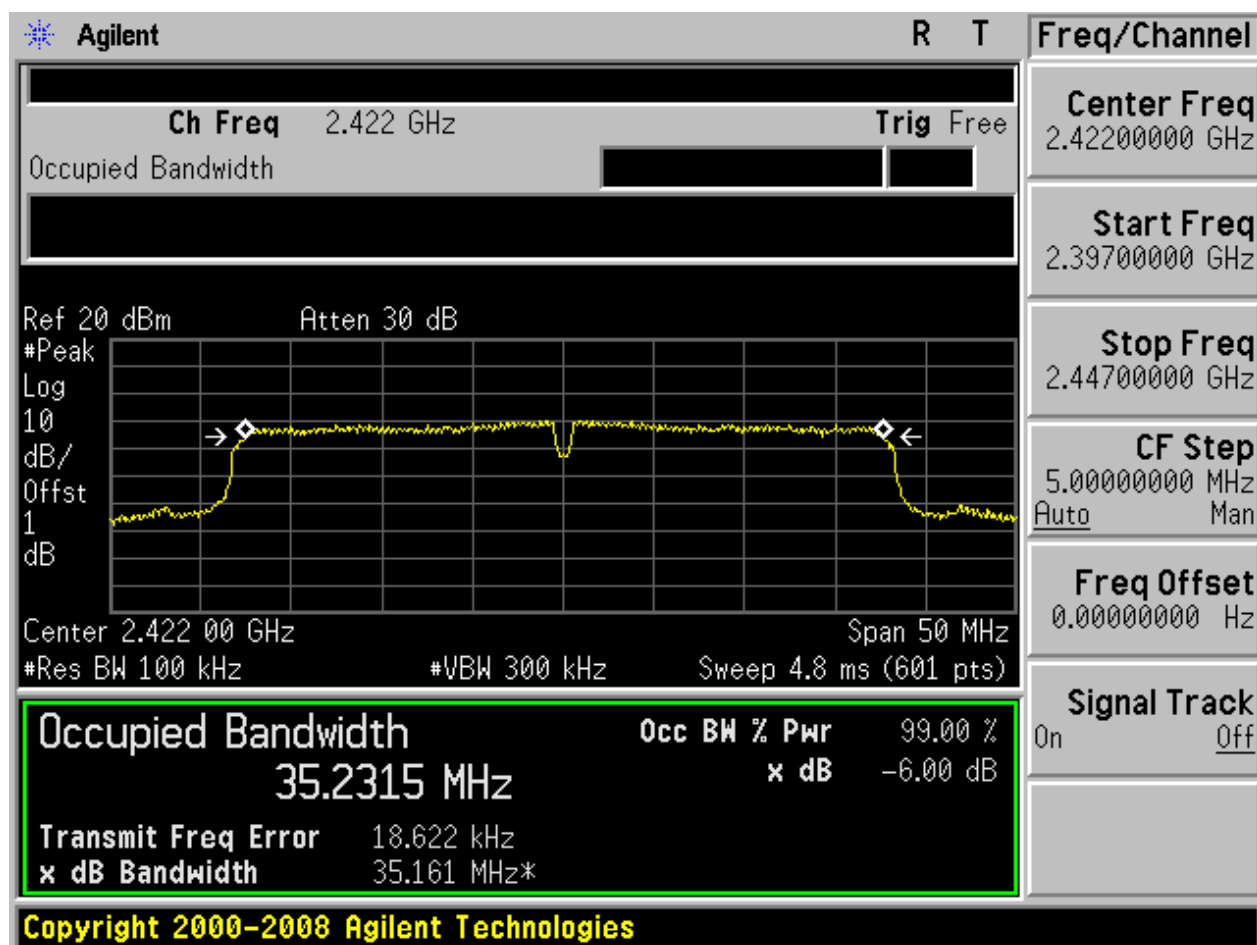


2.31 11N40m_L@Ant 1

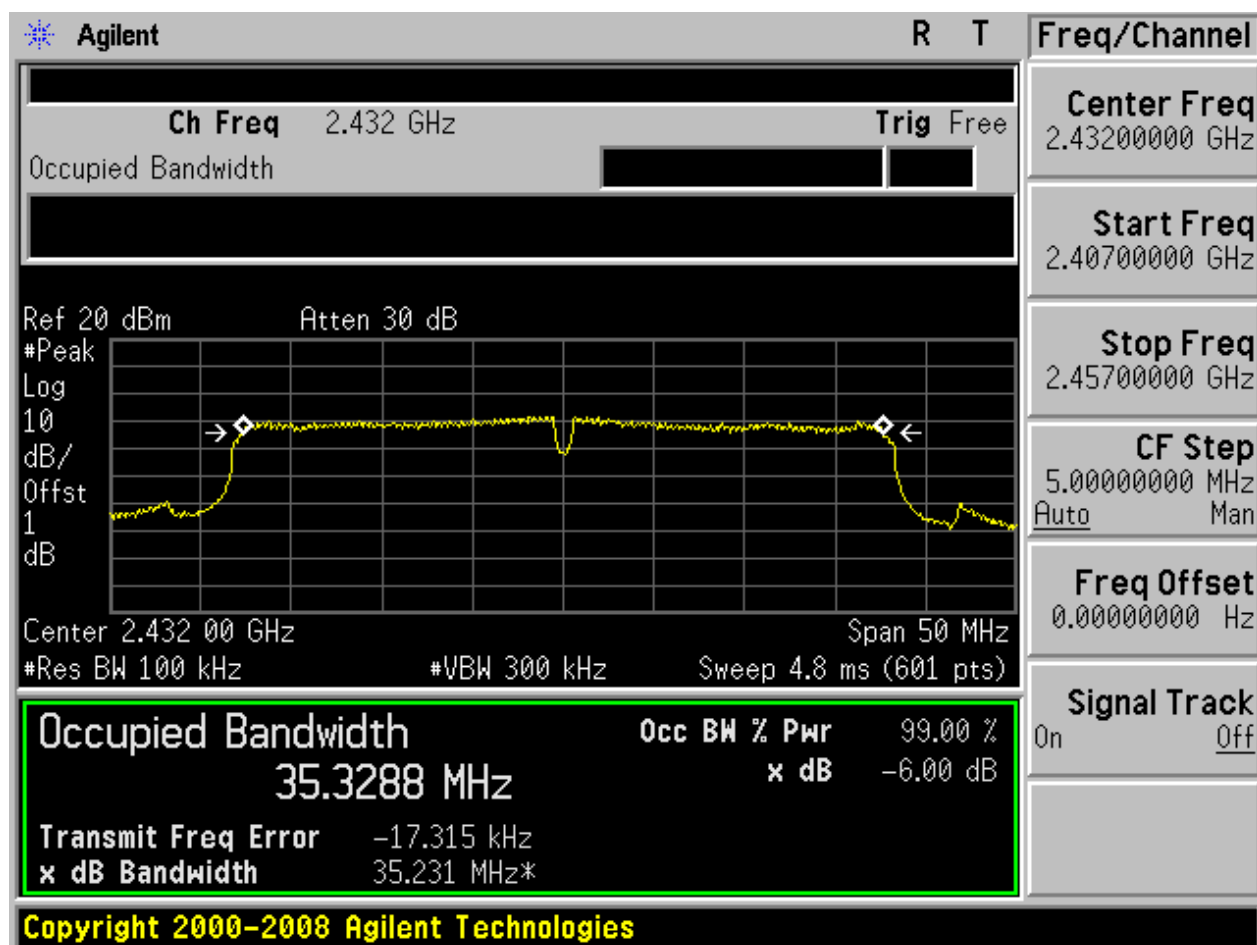




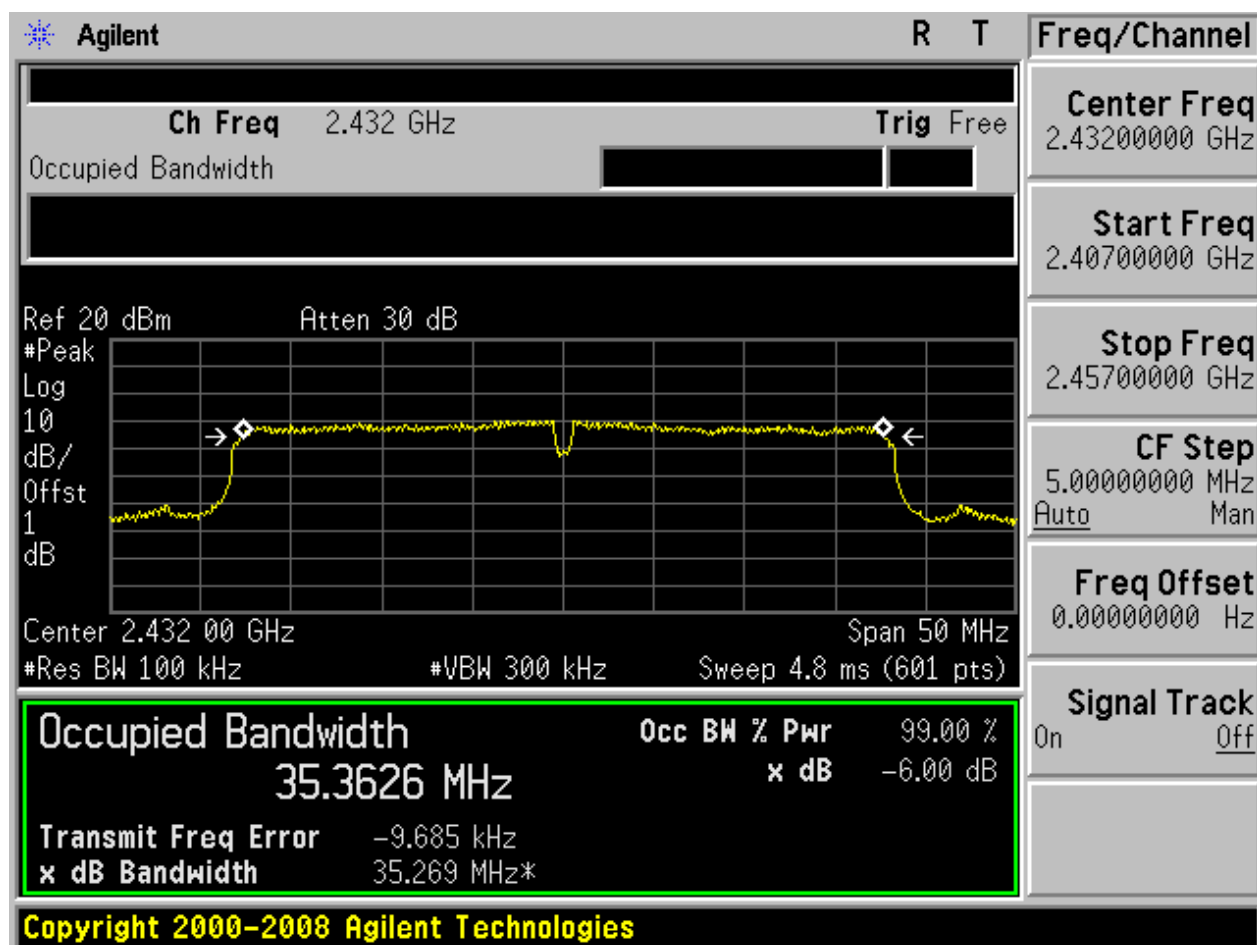
2.32 11N40m_L@Ant 2



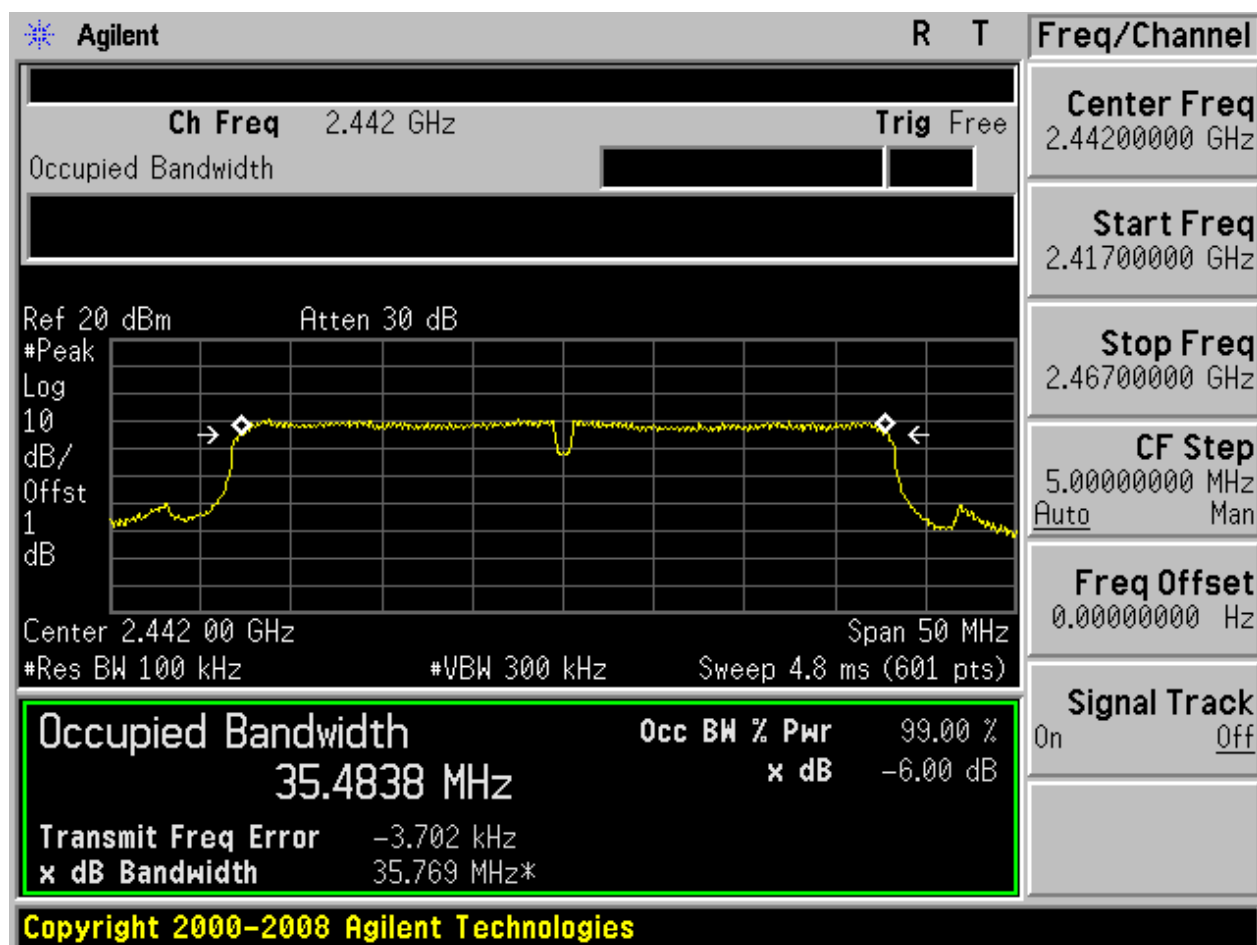
2.33 11N40m_M@Ant 1



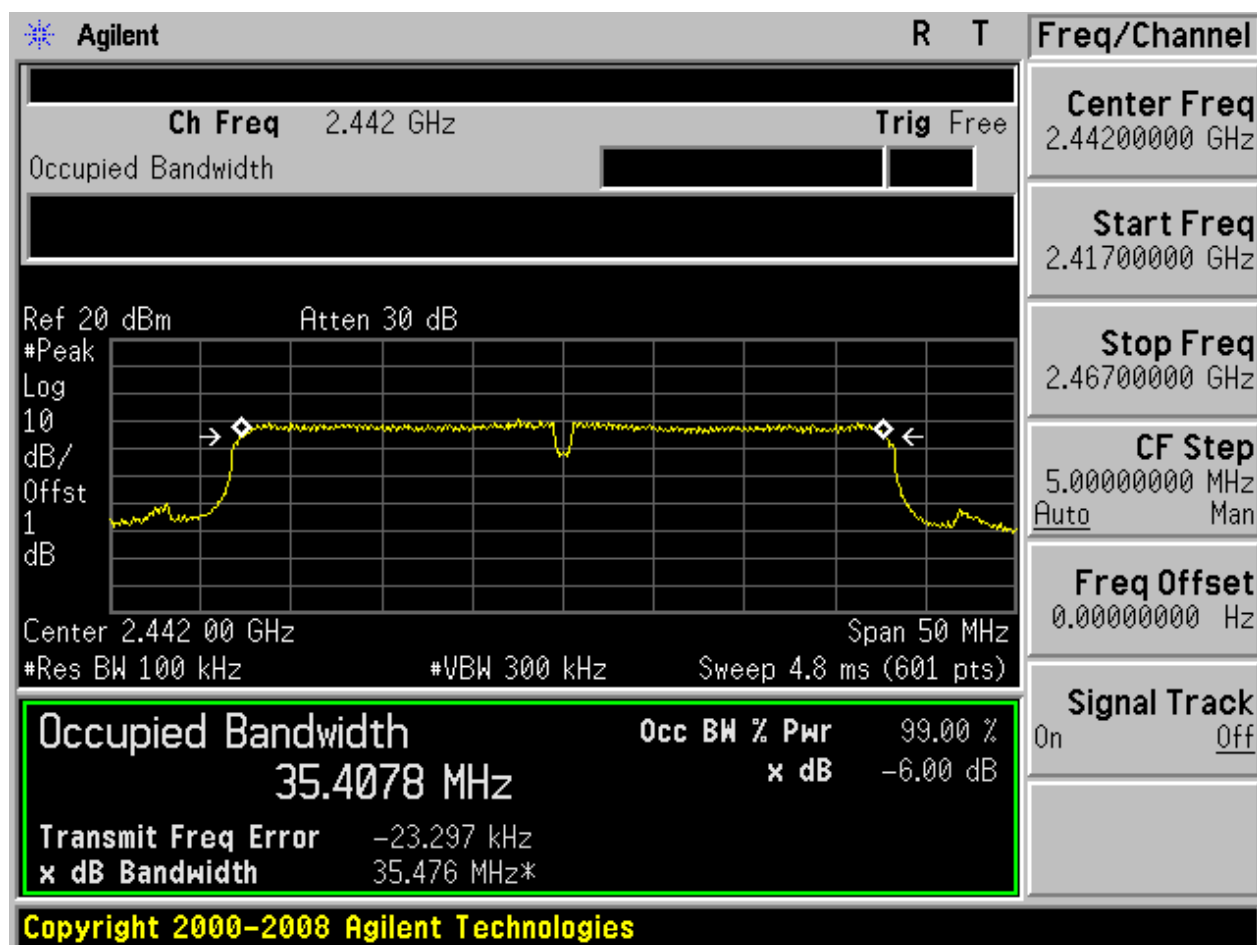
2.34 11N40m_M@Ant 2



2.35 11N40m_H@Ant 1



2.36 11N40m_H@Ant 2



Appendix 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

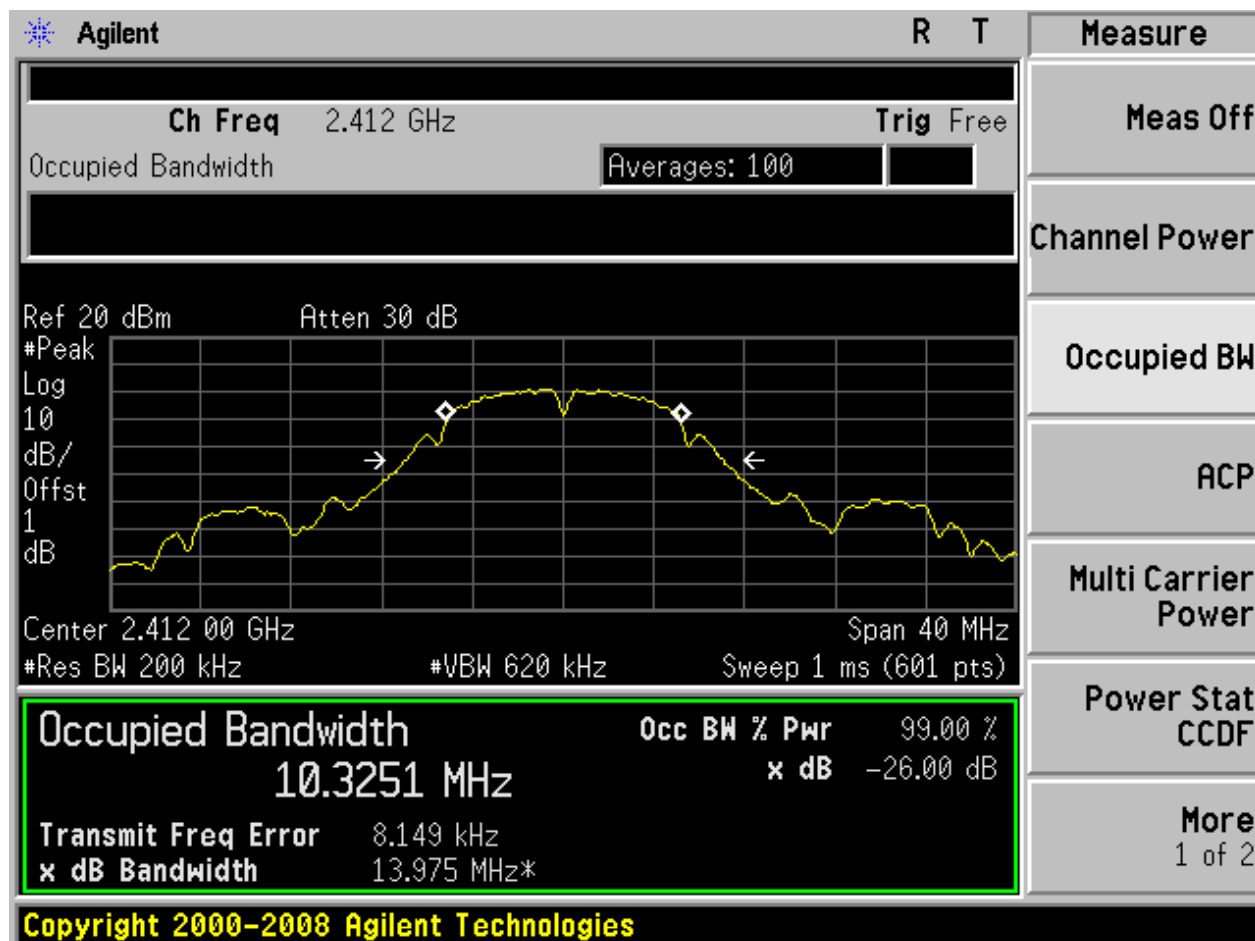
Test Mode	Test Channel	Frequency[MHz]	Ant	Occupied Bandwidth [MHz]	Verdict
11B	L	2412	Ant 1	10.33	pass
11B	L	2412	Ant 2	10.41	pass
11B	M	2432	Ant 1	10.36	pass
11B	M	2432	Ant 2	10.53	pass
11B	H	2452	Ant 1	10.38	pass
11B	H	2452	Ant 2	10.41	pass
11G	L	2412	Ant 1	16.26	pass
11G	L	2412	Ant 2	16.30	pass
11G	M	2432	Ant 1	16.29	pass
11G	M	2432	Ant 2	16.32	pass
11G	H	2452	Ant 1	16.31	pass
11G	H	2452	Ant 2	16.31	pass
11N20	L	2412	Ant 1	17.36	pass
11N20	L	2412	Ant 2	17.41	pass
11N20	M	2432	Ant 1	17.38	pass
11N20	M	2432	Ant 2	17.38	pass
11N20	H	2452	Ant 1	17.43	pass
11N20	H	2452	Ant 2	17.40	pass
11N20m	L	2412	Ant 1	17.37	pass
11N20m	L	2412	Ant 2	17.41	pass
11N20m	M	2432	Ant 1	17.34	pass
11N20m	M	2432	Ant 2	17.39	pass
11N20m	H	2452	Ant 1	17.38	pass
11N20m	H	2452	Ant 2	17.39	pass
11N40	L	2422	Ant 1	35.30	pass
11N40	L	2422	Ant 2	35.30	pass
11N40	M	2432	Ant 1	35.41	pass
11N40	M	2432	Ant 2	35.39	pass
11N40	H	2442	Ant 1	35.44	pass
11N40	H	2442	Ant 2	35.47	pass
11N40m	L	2422	Ant 1	35.31	pass
11N40m	L	2422	Ant 2	35.29	pass
11N40m	M	2432	Ant 1	35.39	pass
11N40m	M	2432	Ant 2	35.40	pass



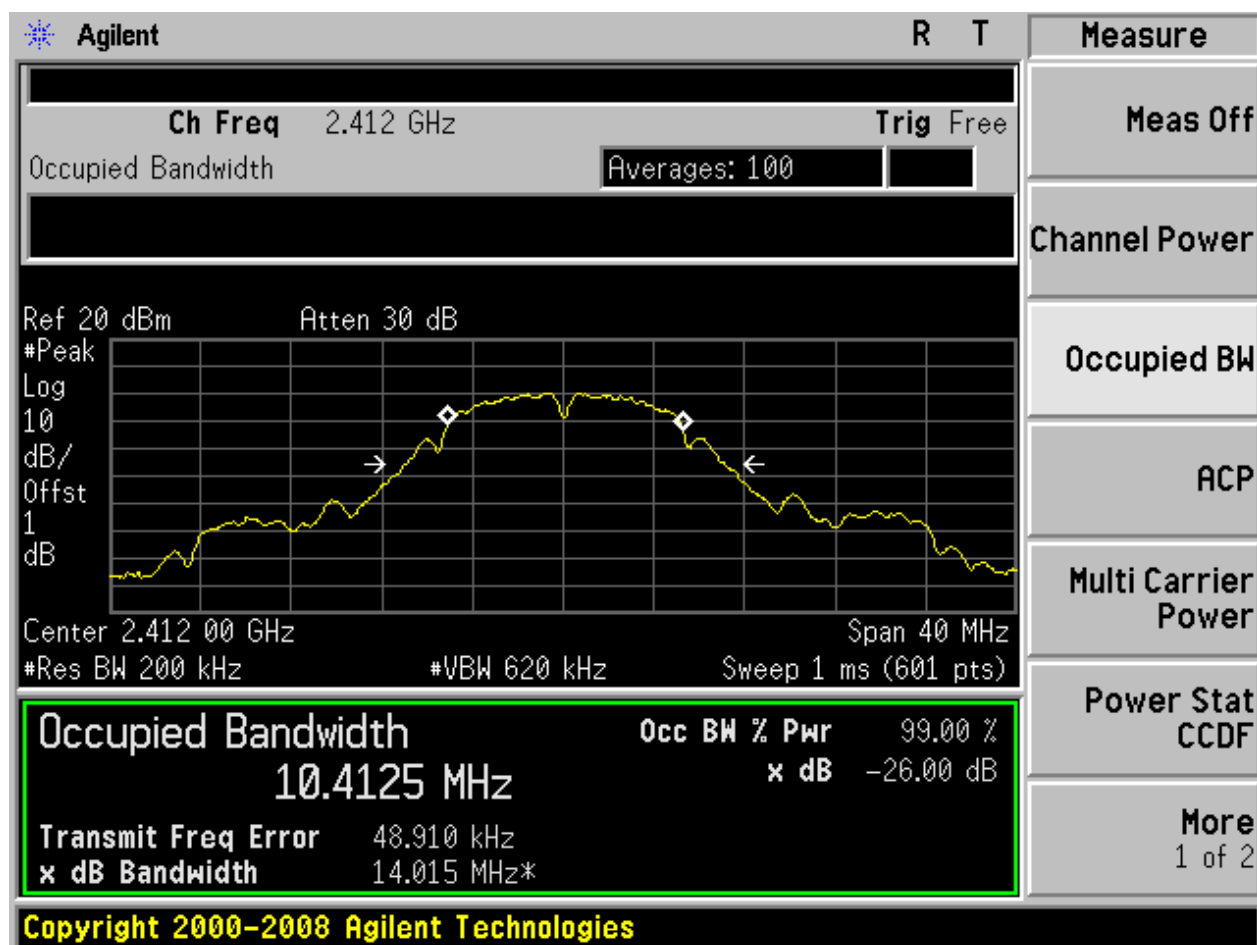
Test Mode	Test Channel	Frequency[MHz]	Ant	Occupied Bandwidth [MHz]	Verdict
11N40m	H	2442	Ant 1	35.54	pass
11N40m	H	2442	Ant 2	35.39	pass

Part II - Test Plots

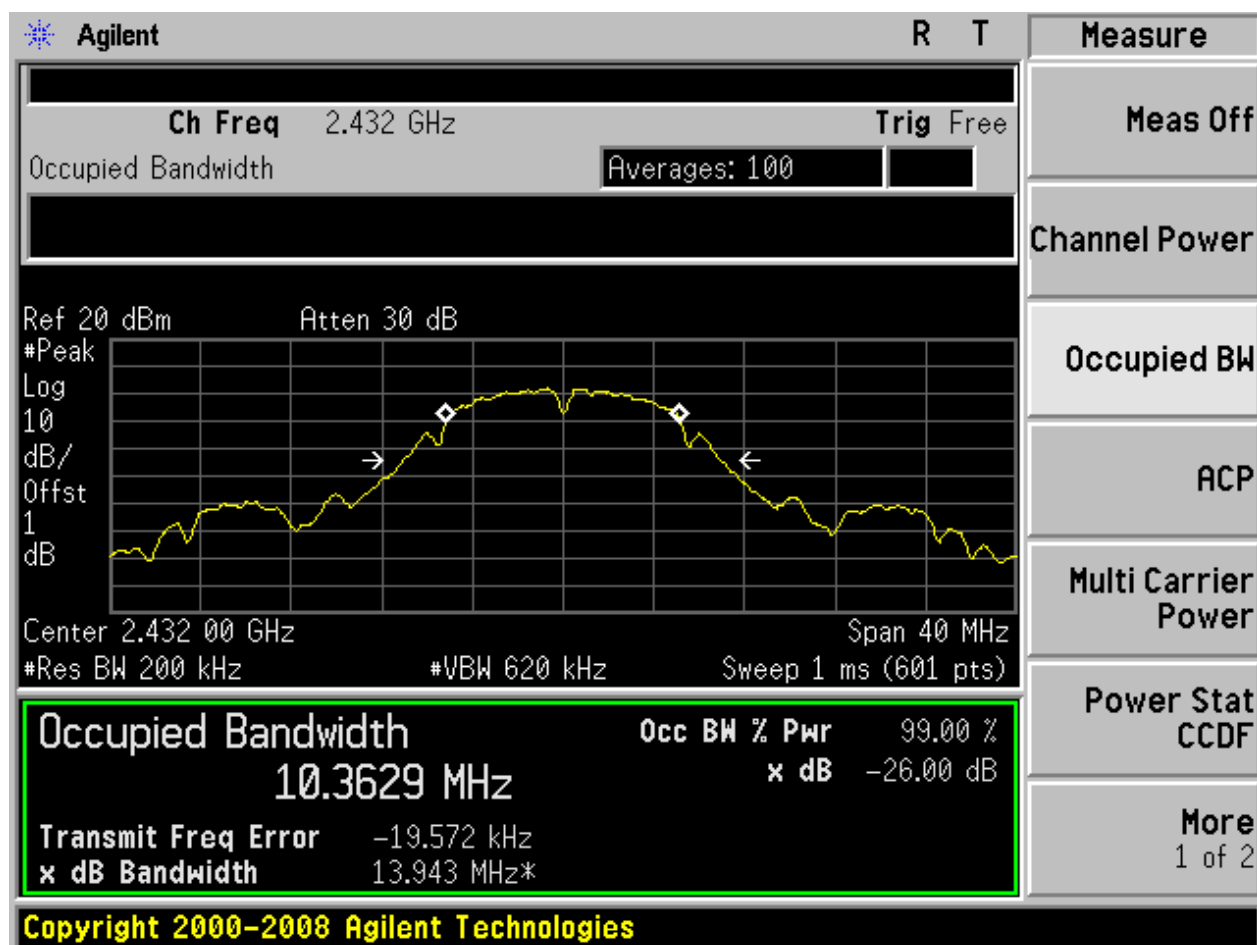
2.1 11B_L@Ant 1



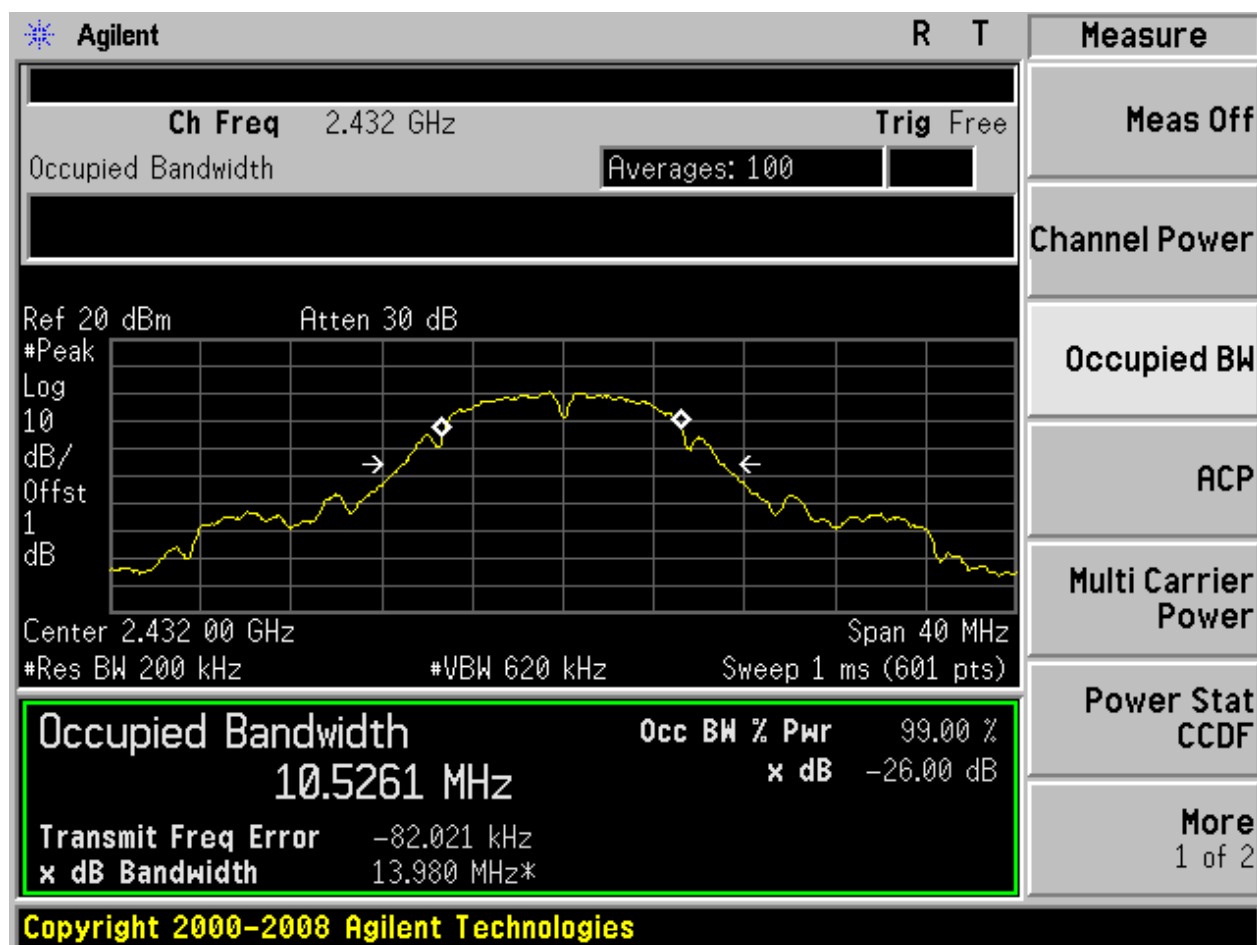
2.2 11B_L@Ant 2



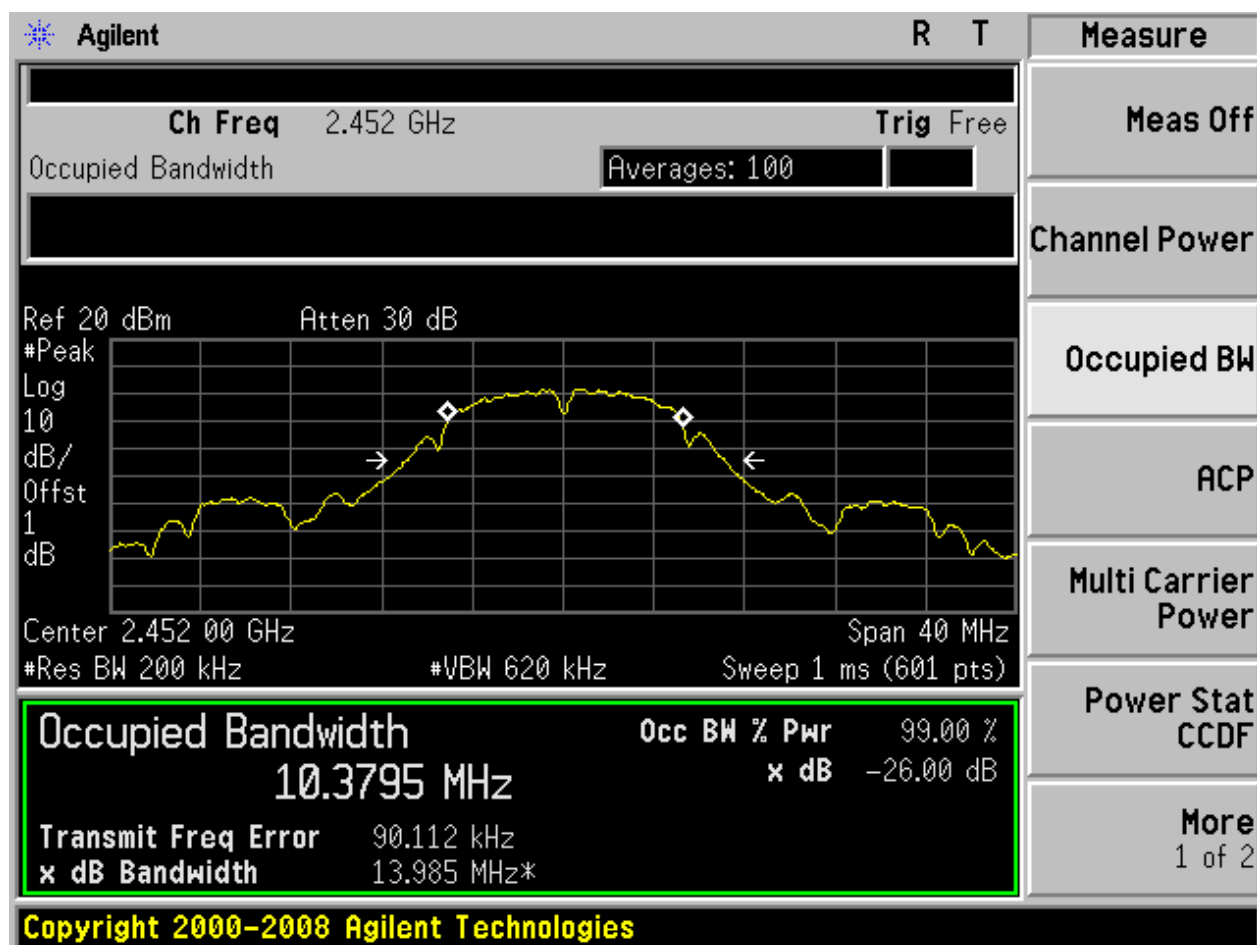
2.3 11B_M@Ant 1



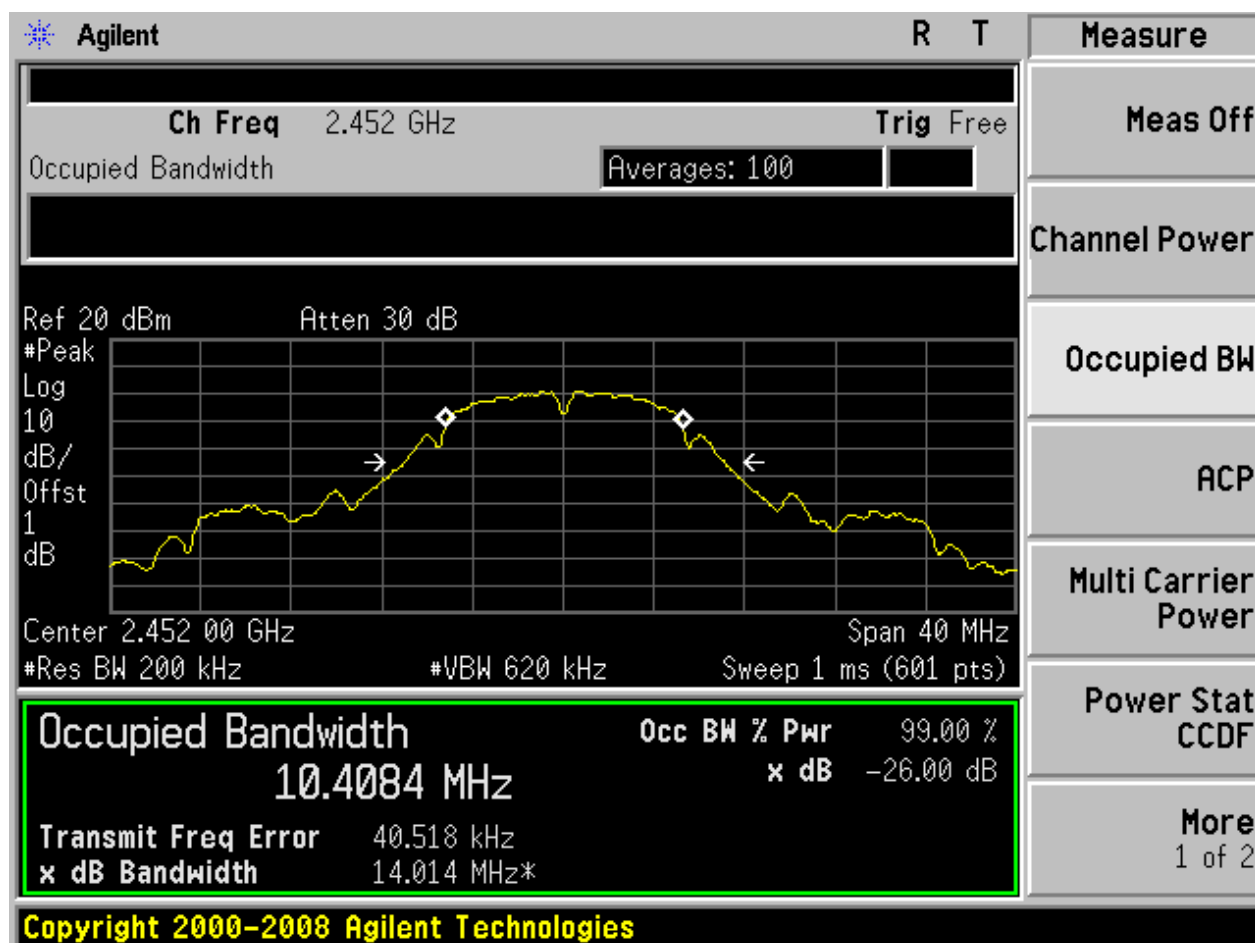
2.4 11B_M@Ant 2



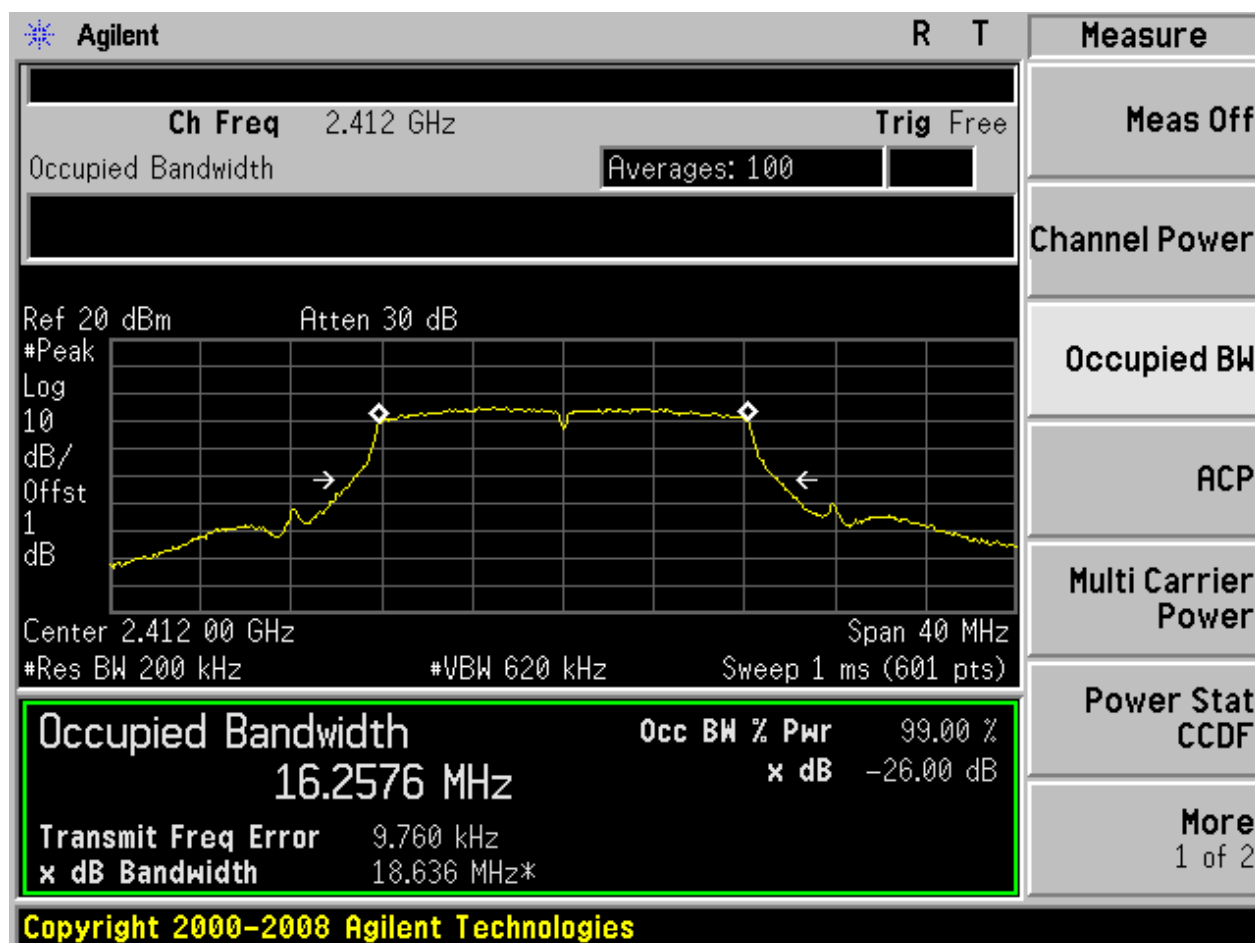
2.5 11B_H@Ant 1



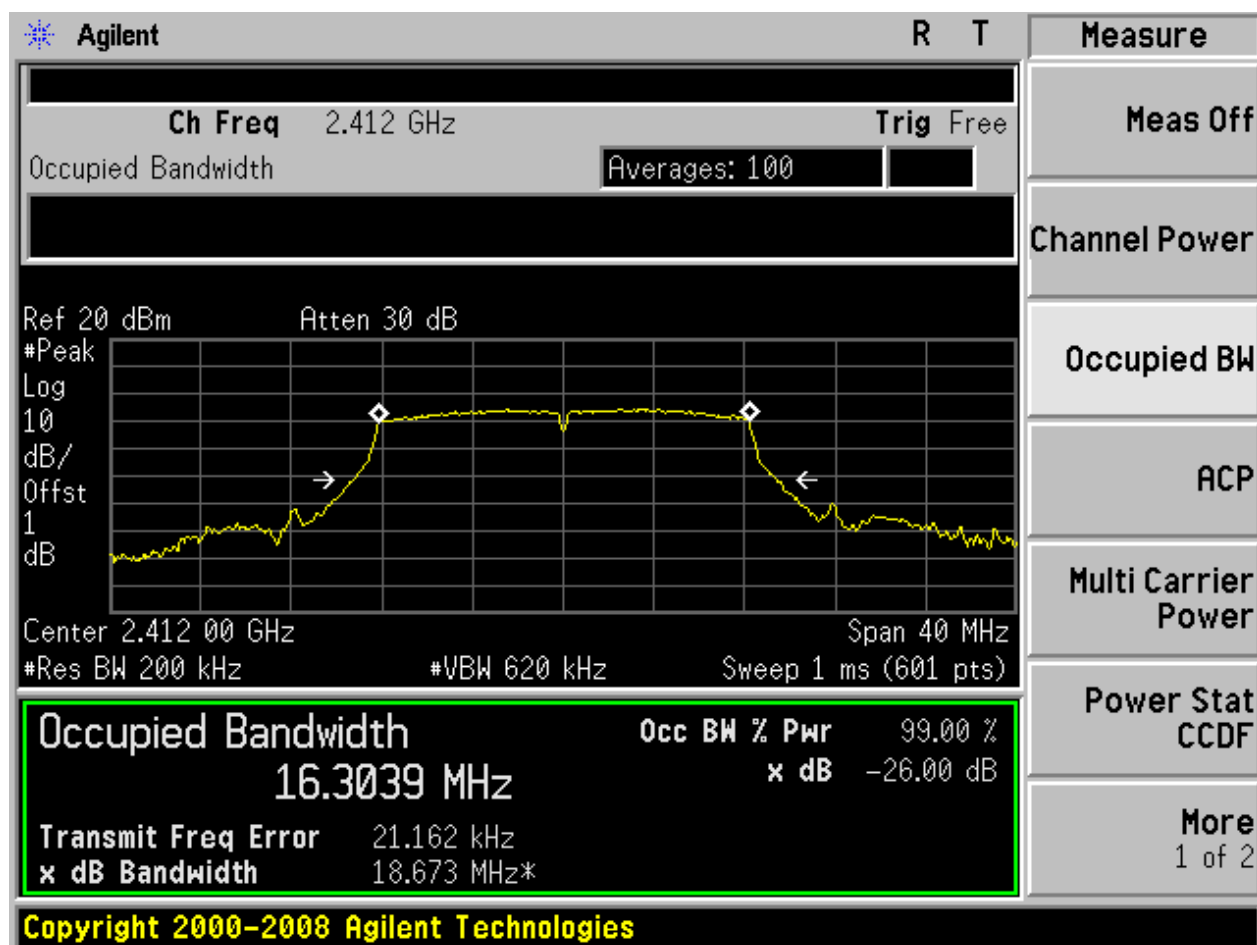
2.6 11B_H@Ant 2



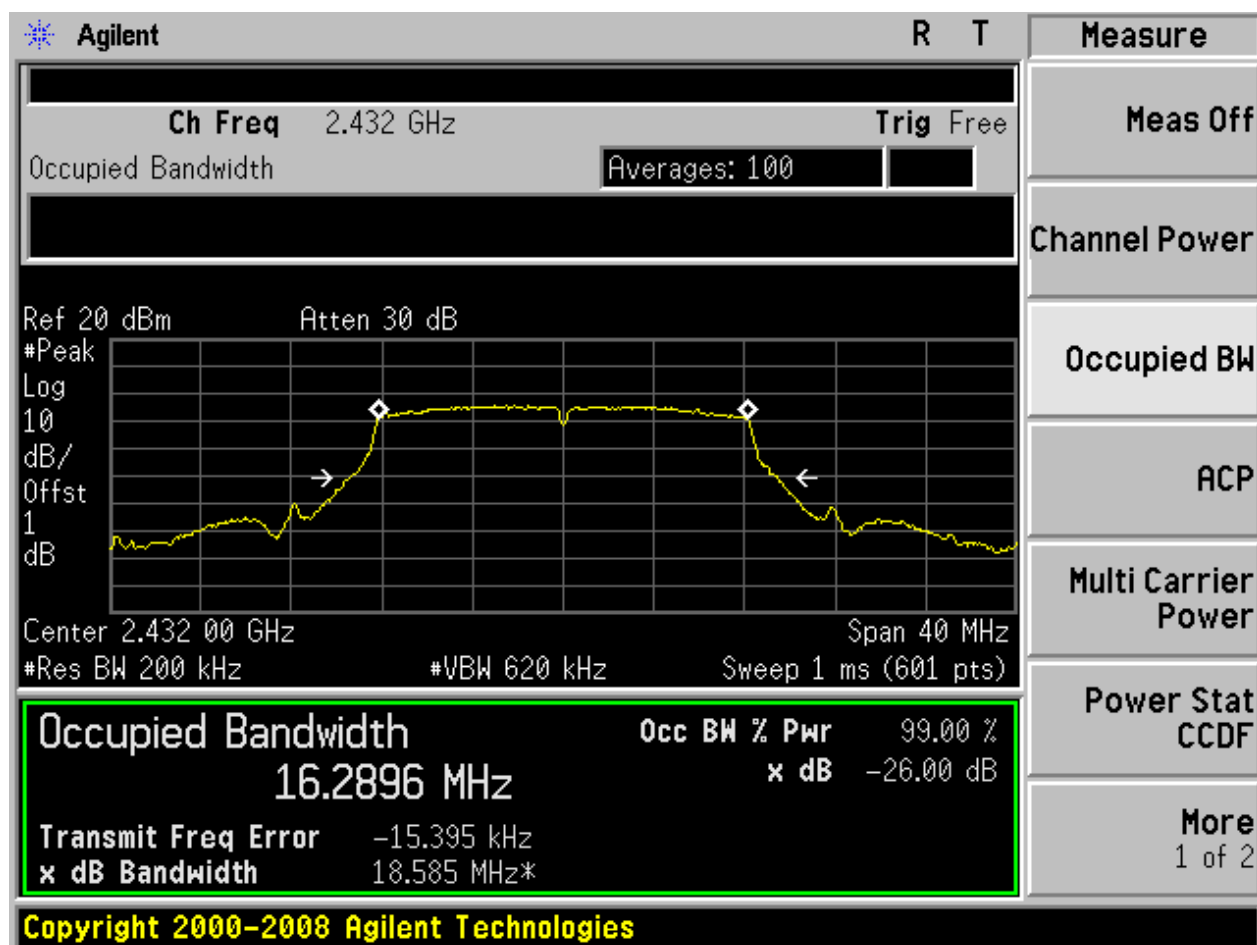
2.7 11G_L@Ant 1



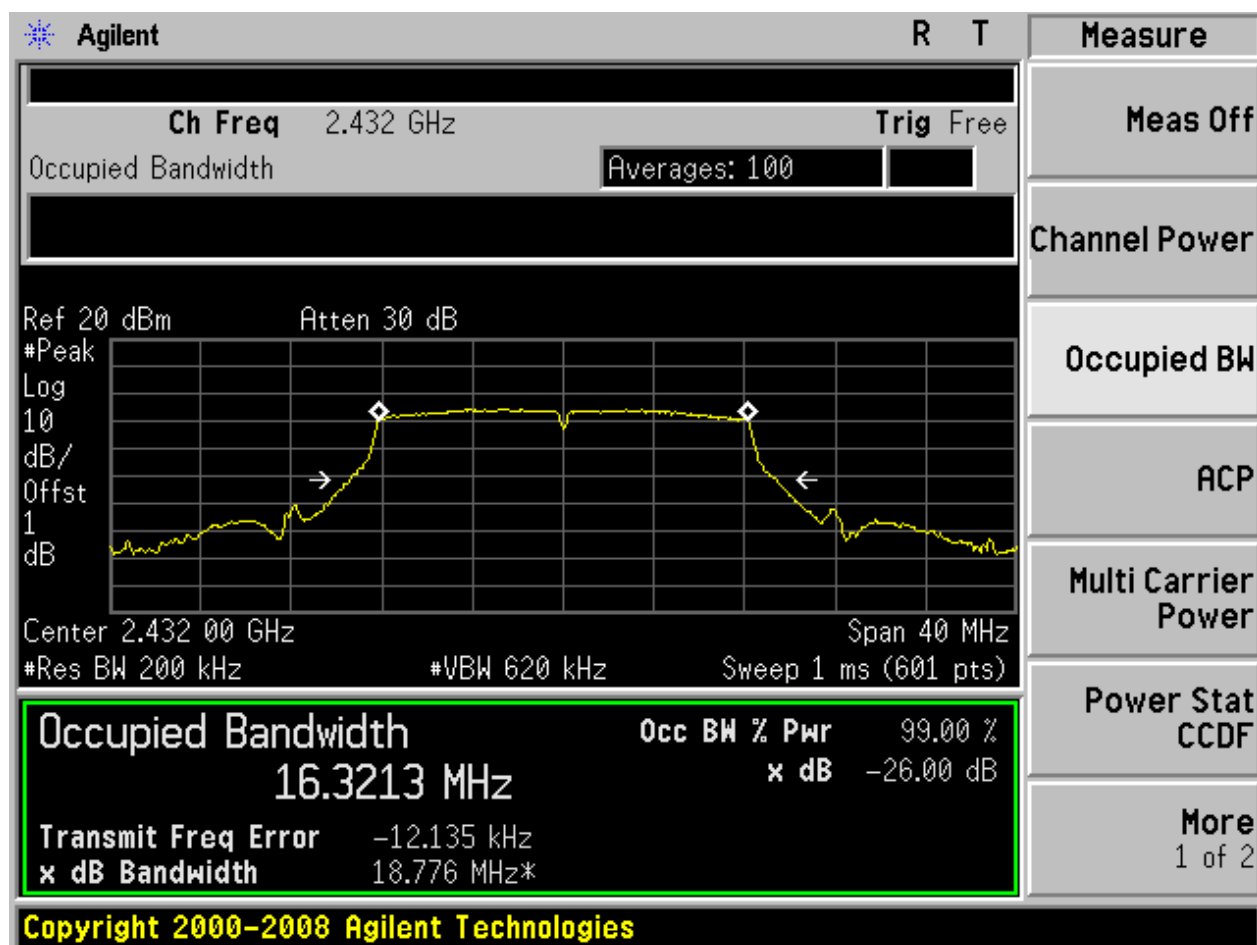
2.8 11G_L@Ant 2



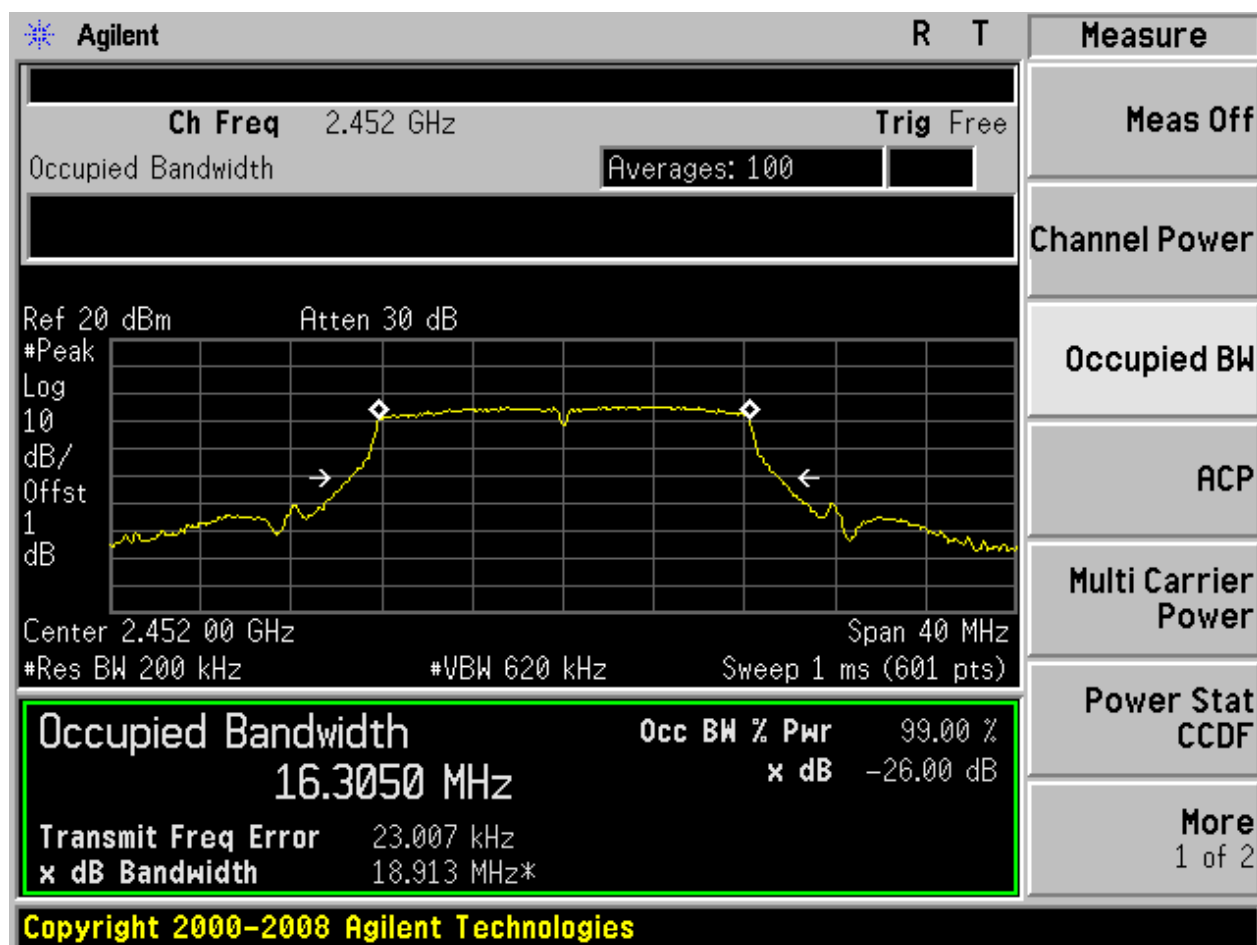
2.9 11G_M@Ant 1



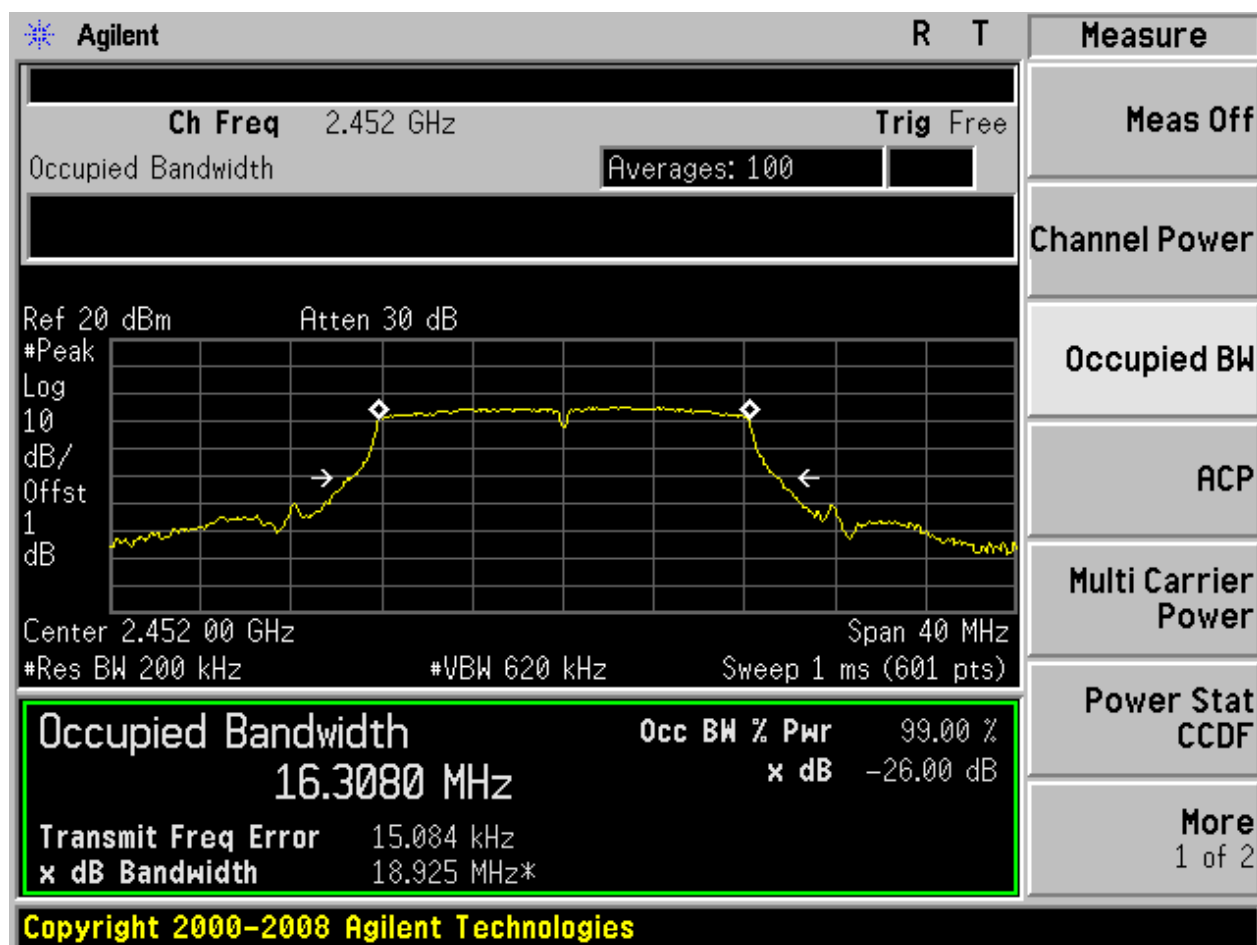
2.10 11G_M@Ant 2



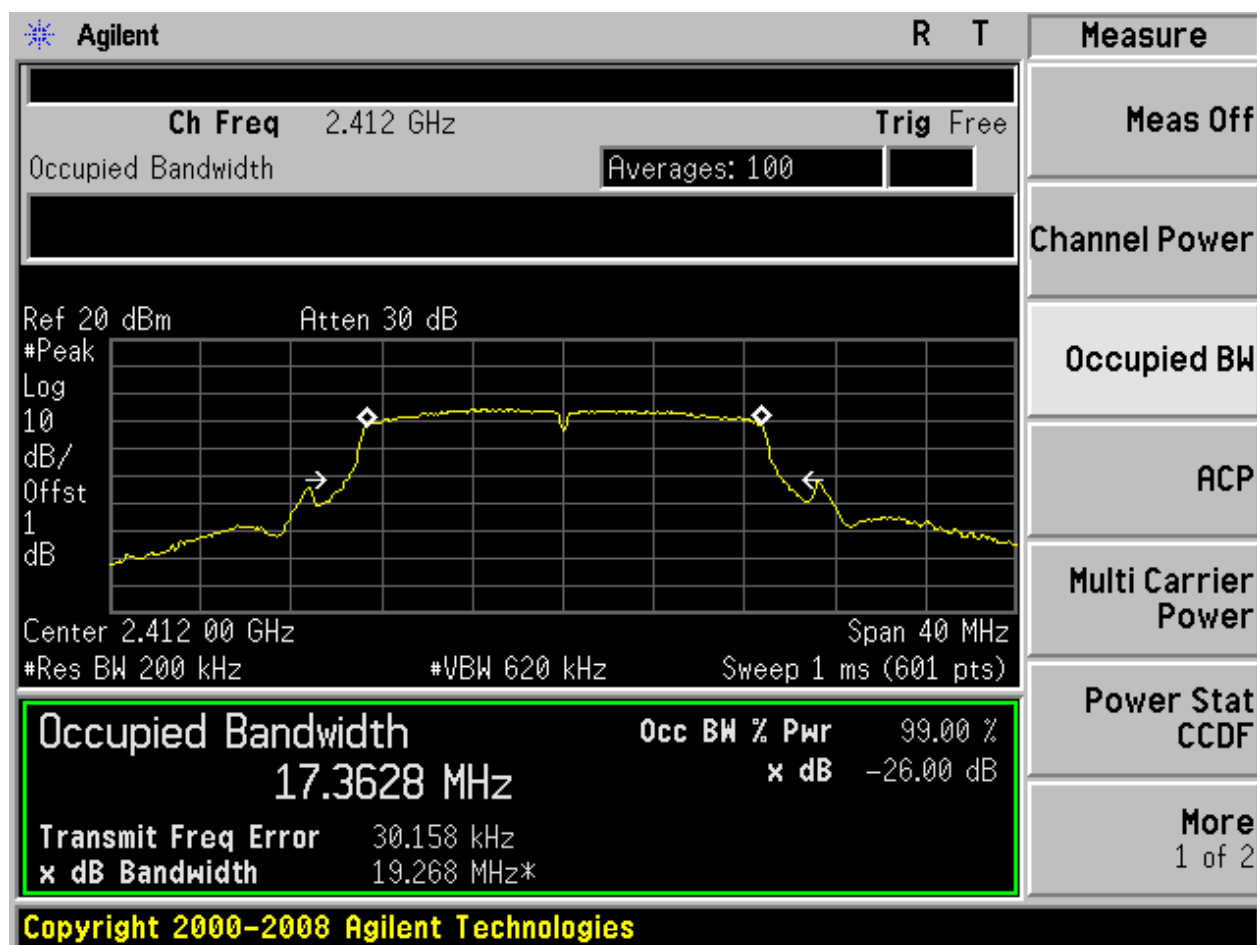
2.11 11G_H@Ant 1



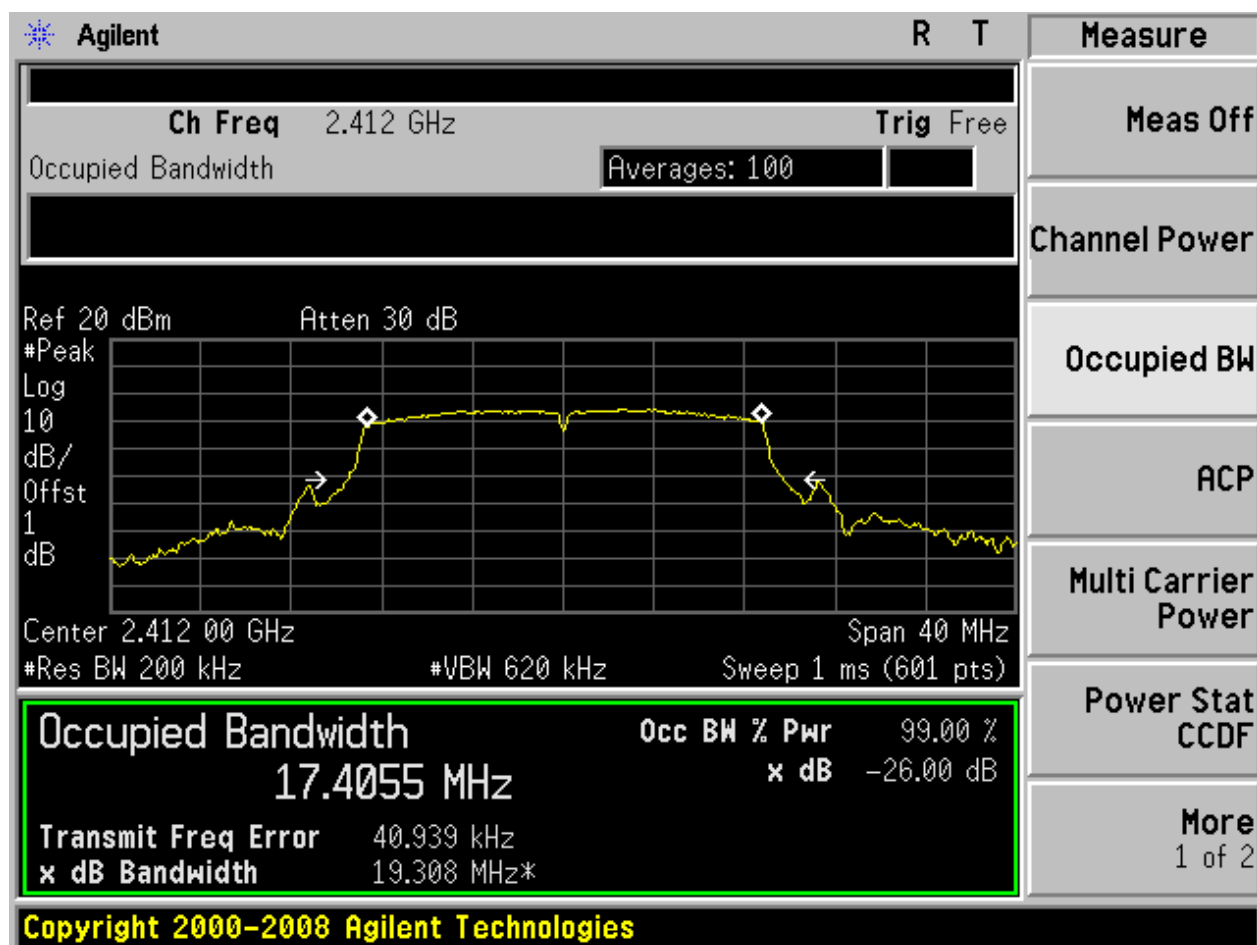
2.12 11G_H@Ant 2



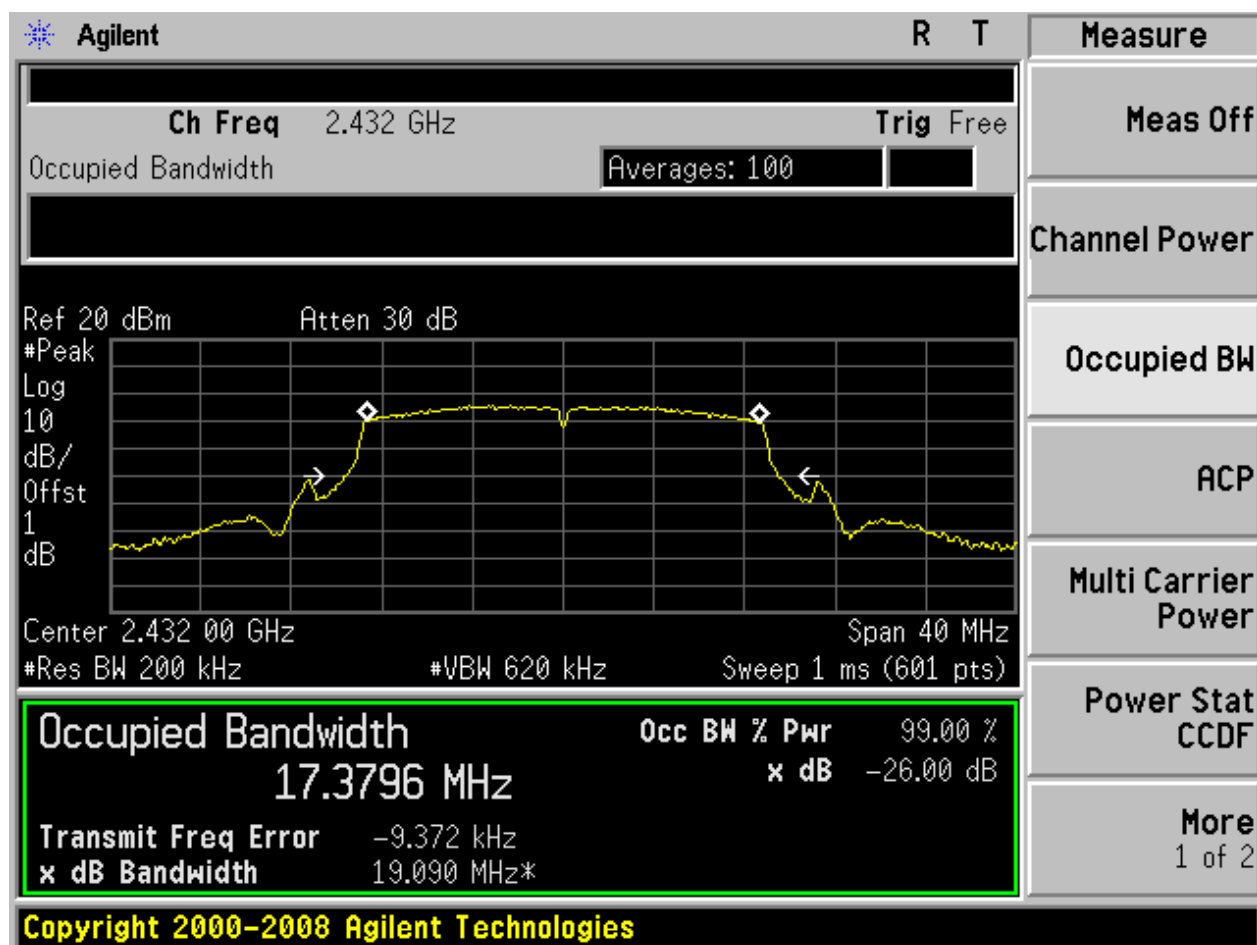
2.13 11N20_L@Ant 1



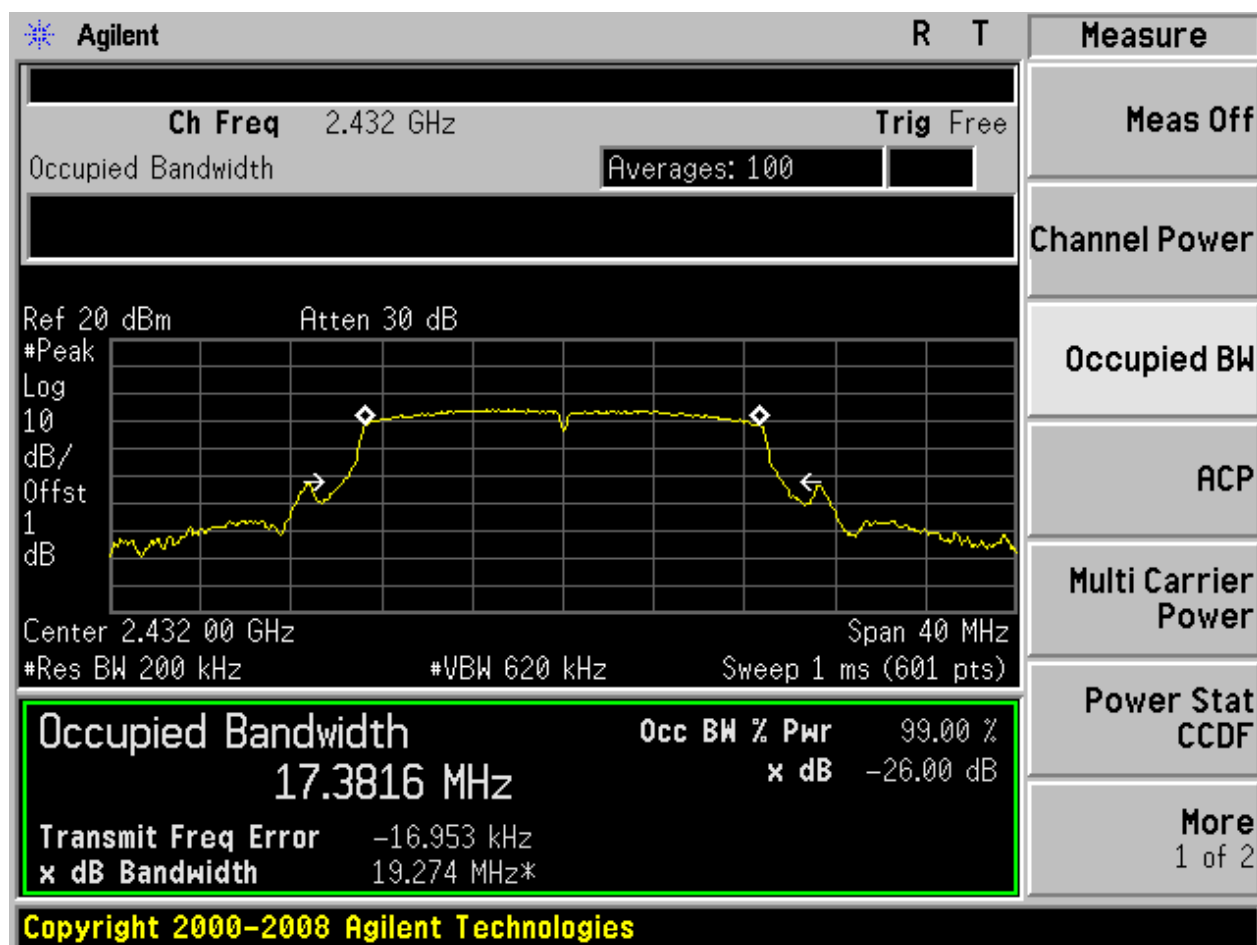
2.14 11N20_L@Ant 2



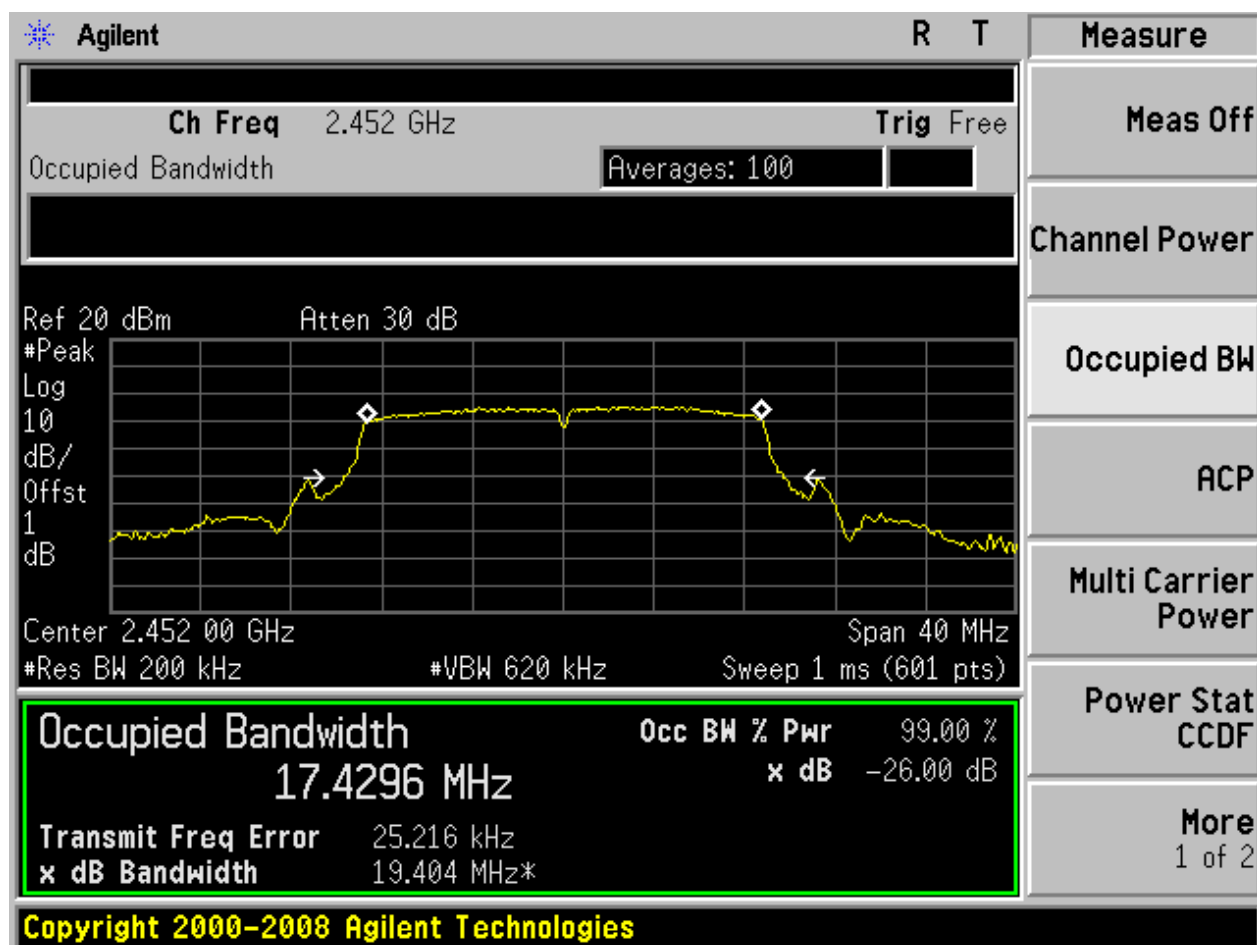
2.15 11N20_M@Ant 1



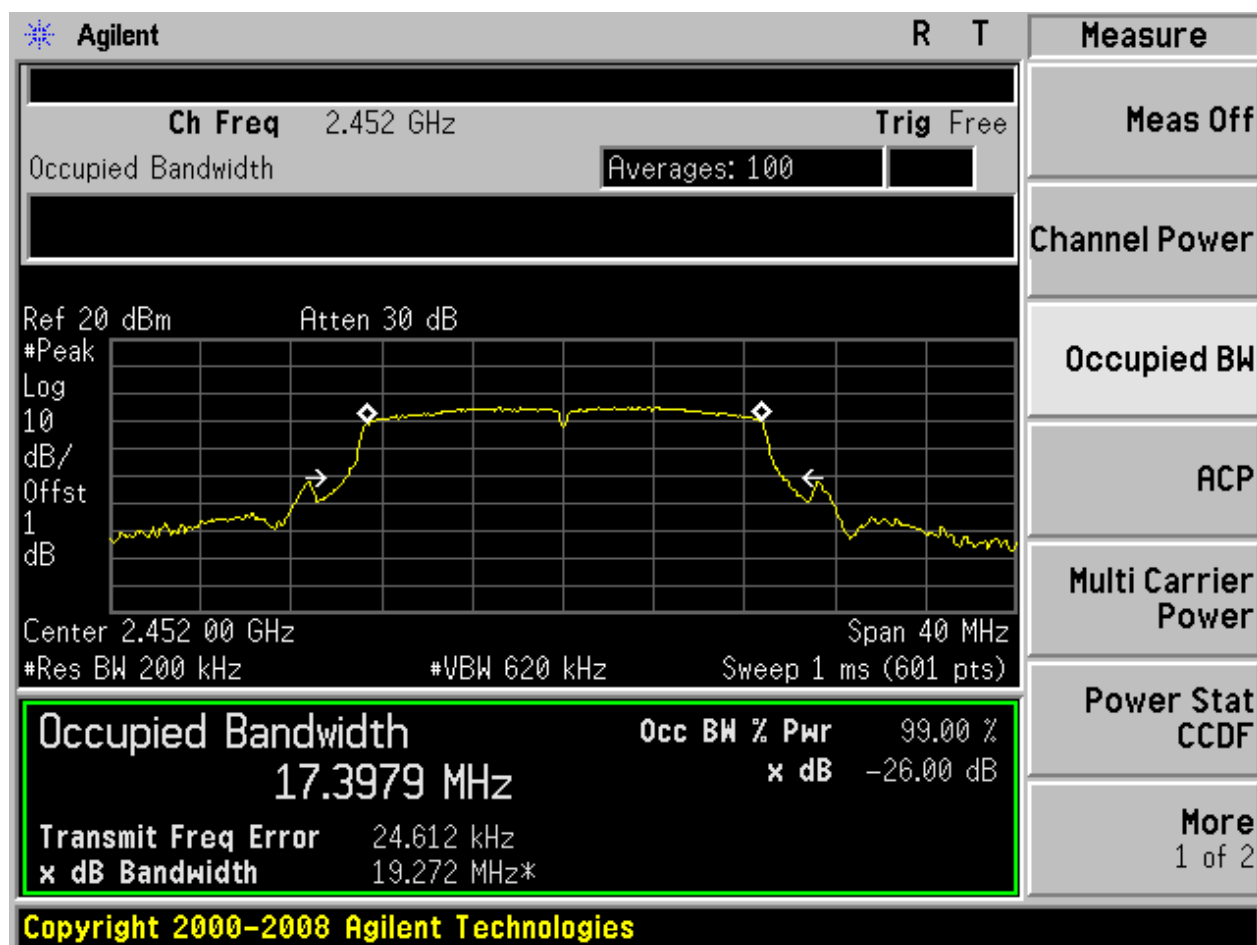
2.16 11N20_M@Ant 2



2.17 11N20_H@Ant 1

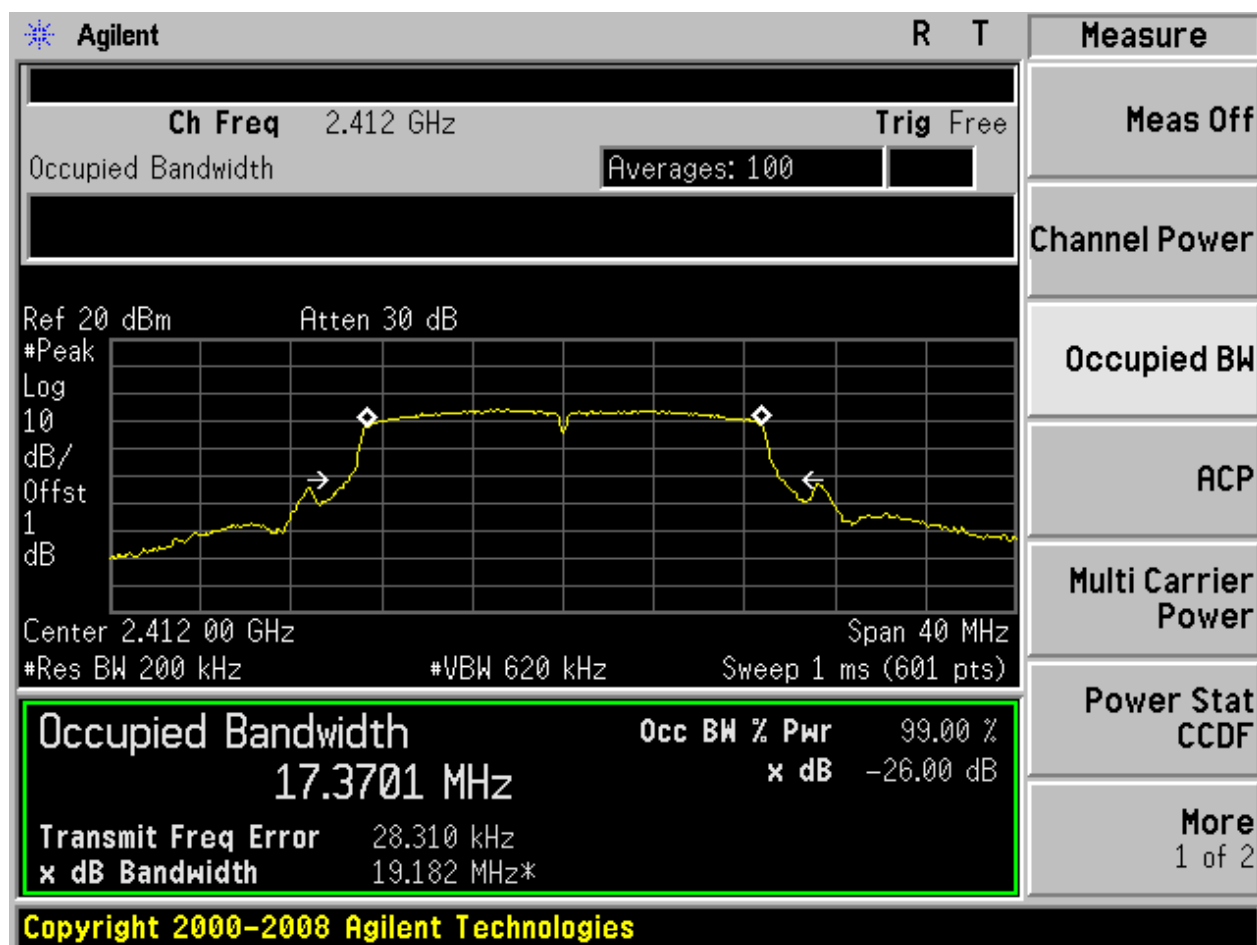


2.18 11N20_H@Ant 2

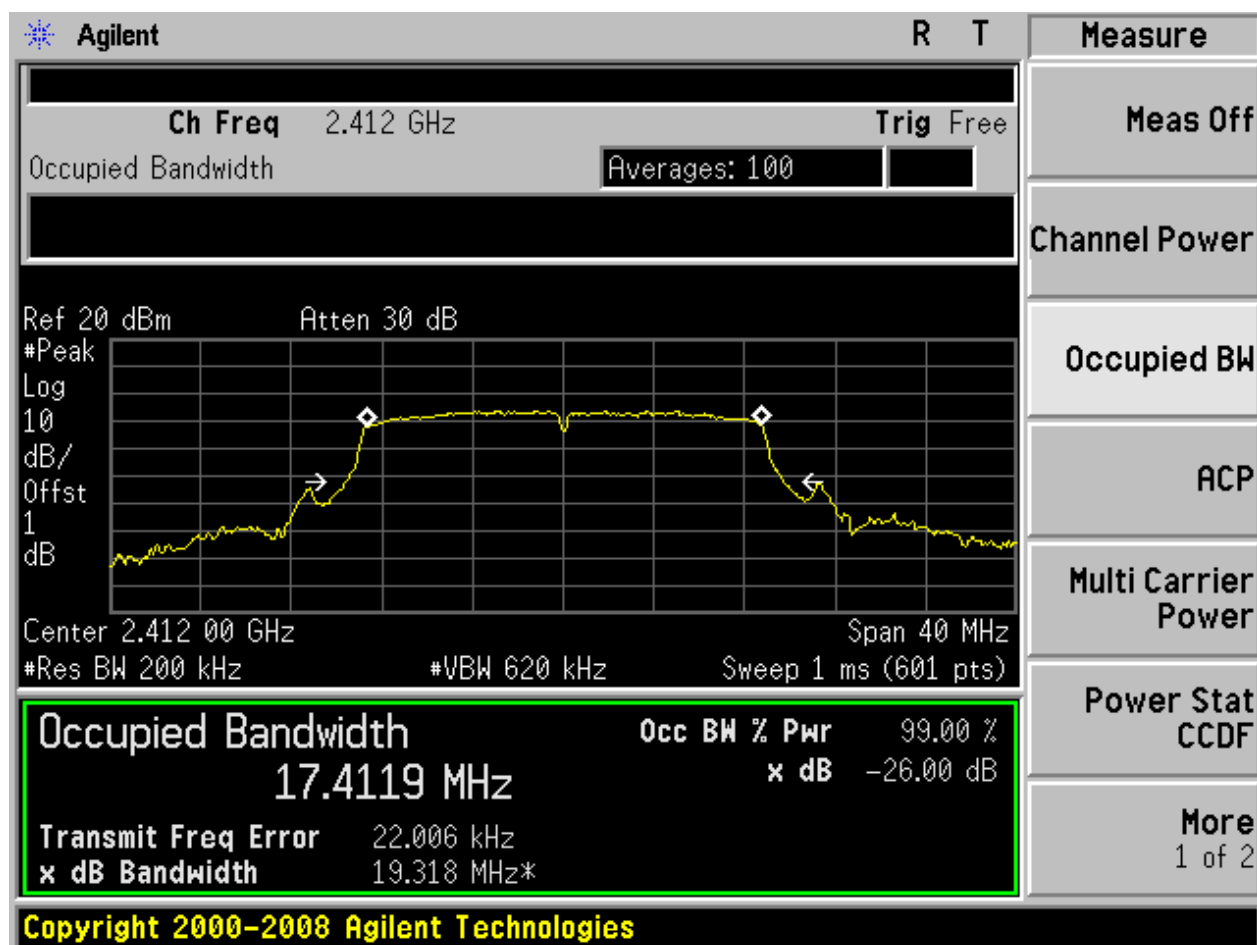




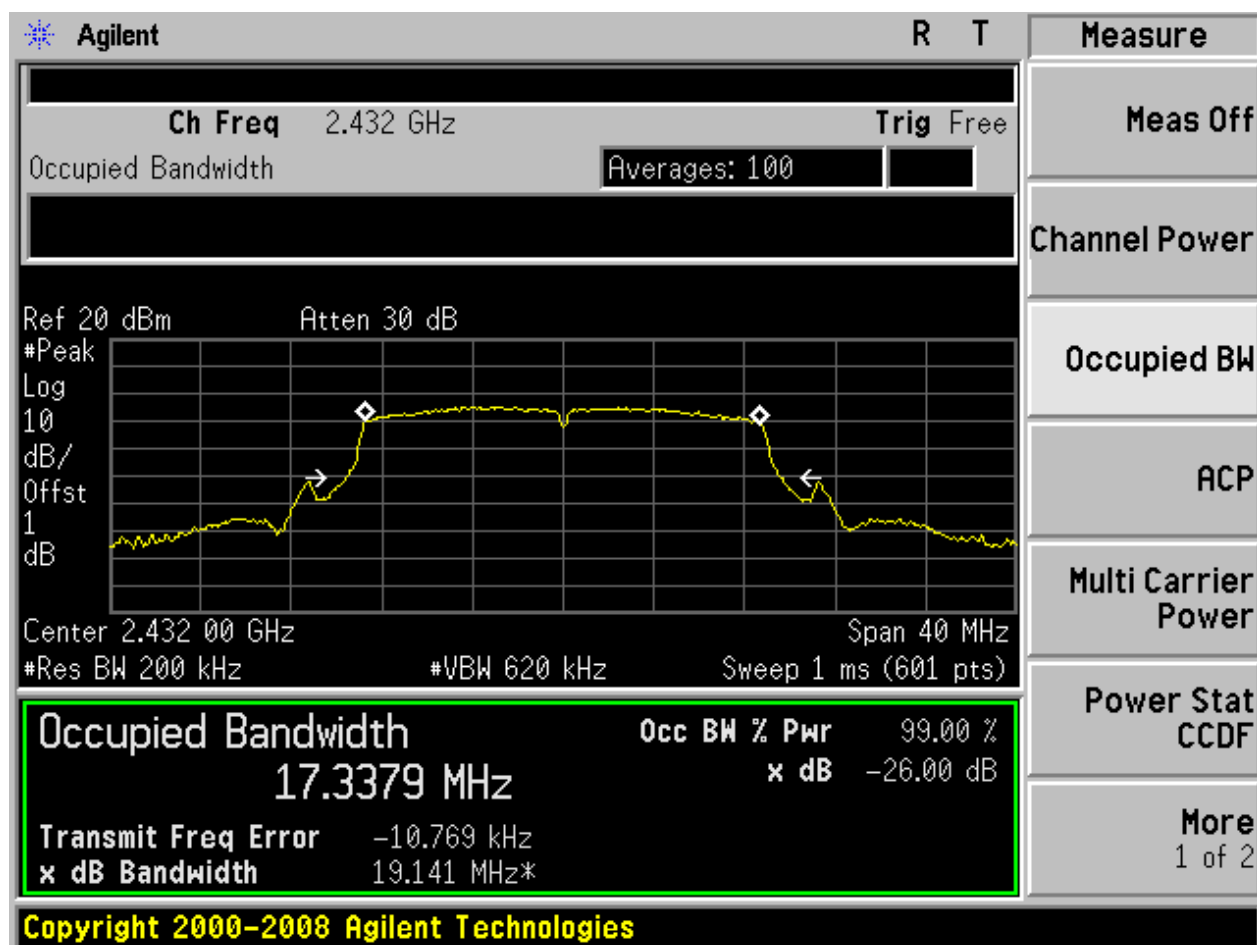
2.19 11N20m_L@Ant 1



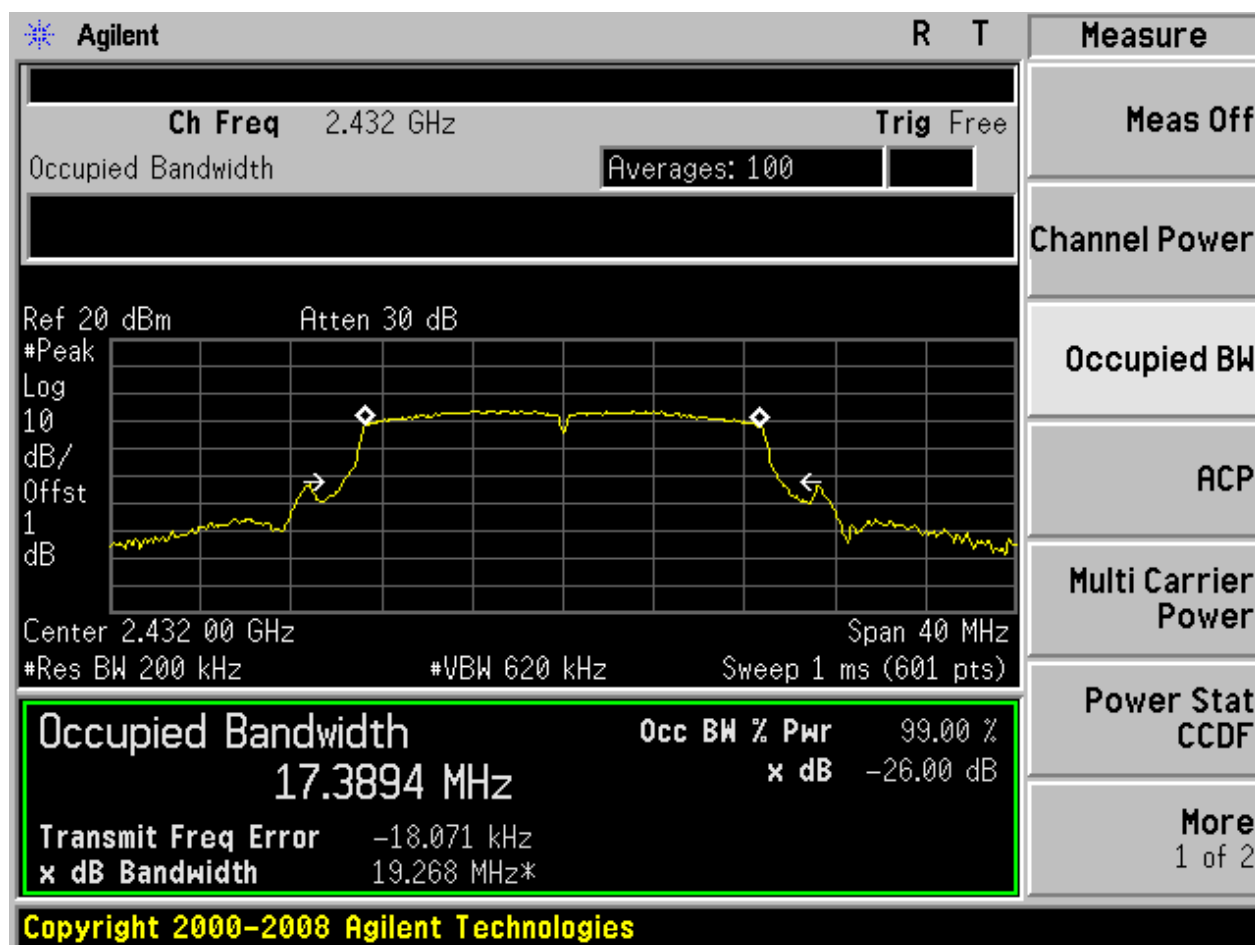
2.20 11N20m_L@Ant 2



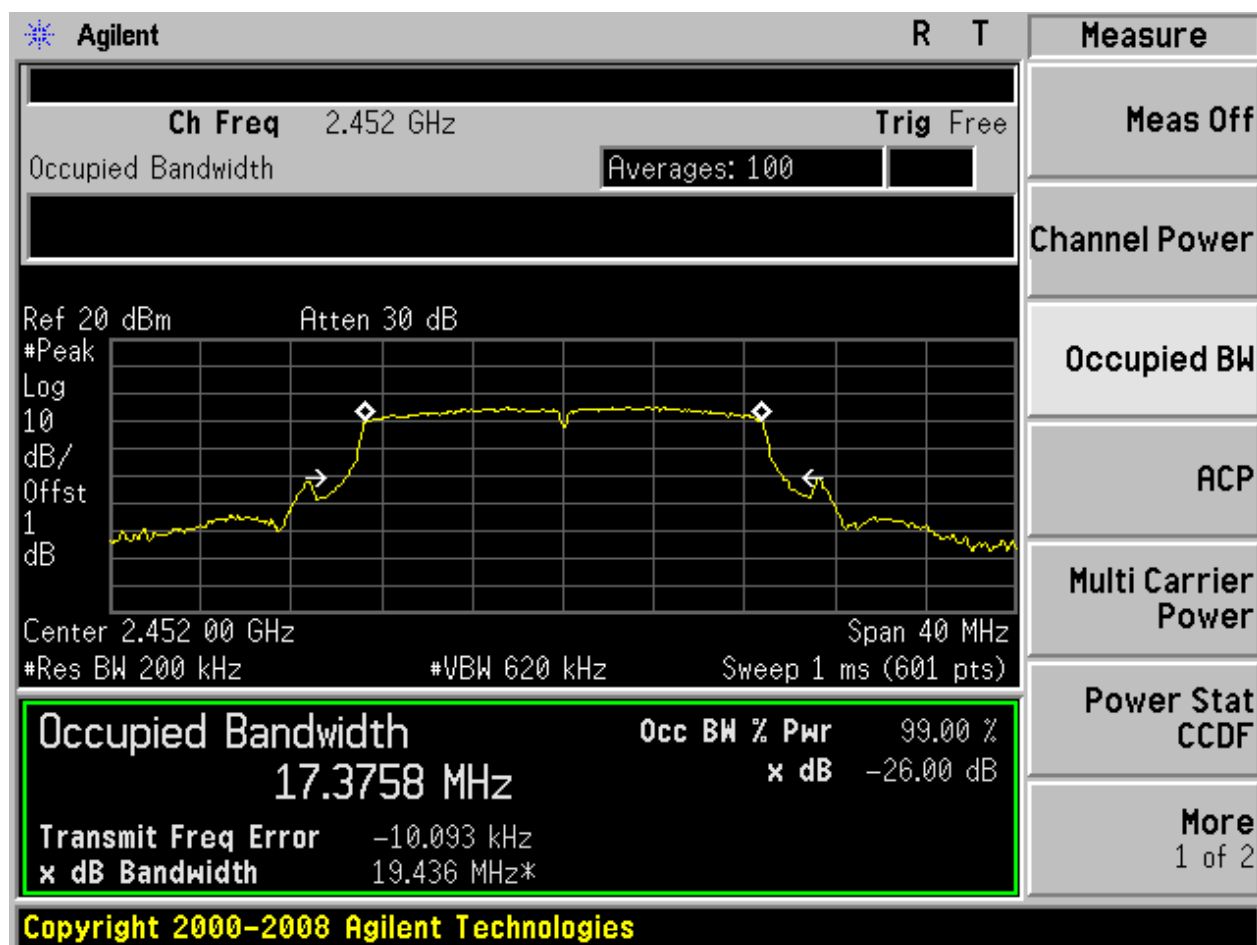
2.21 11N20m_M@Ant 1



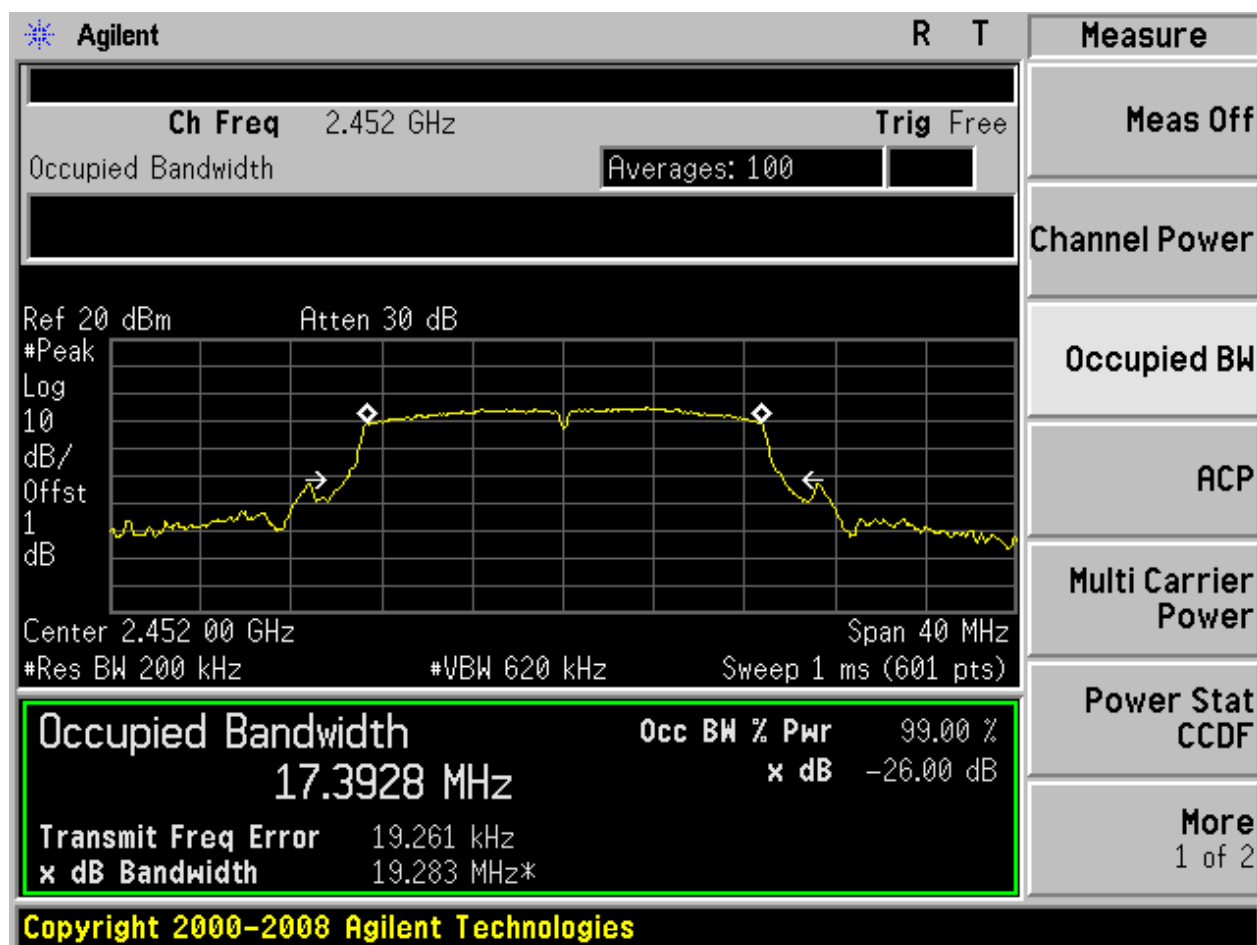
2.22 11N20m_M@Ant 2



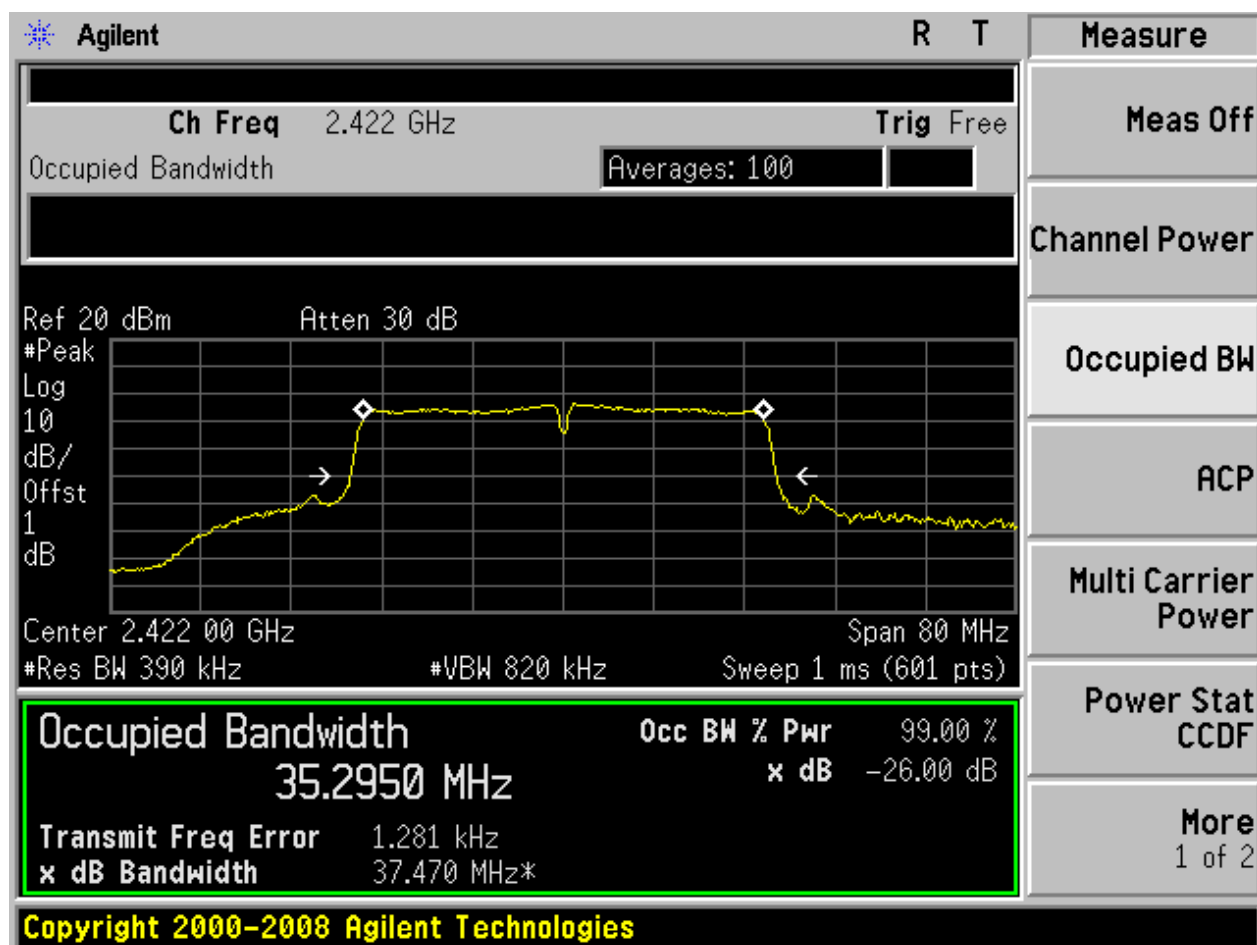
2.23 11N20m_H@Ant 1



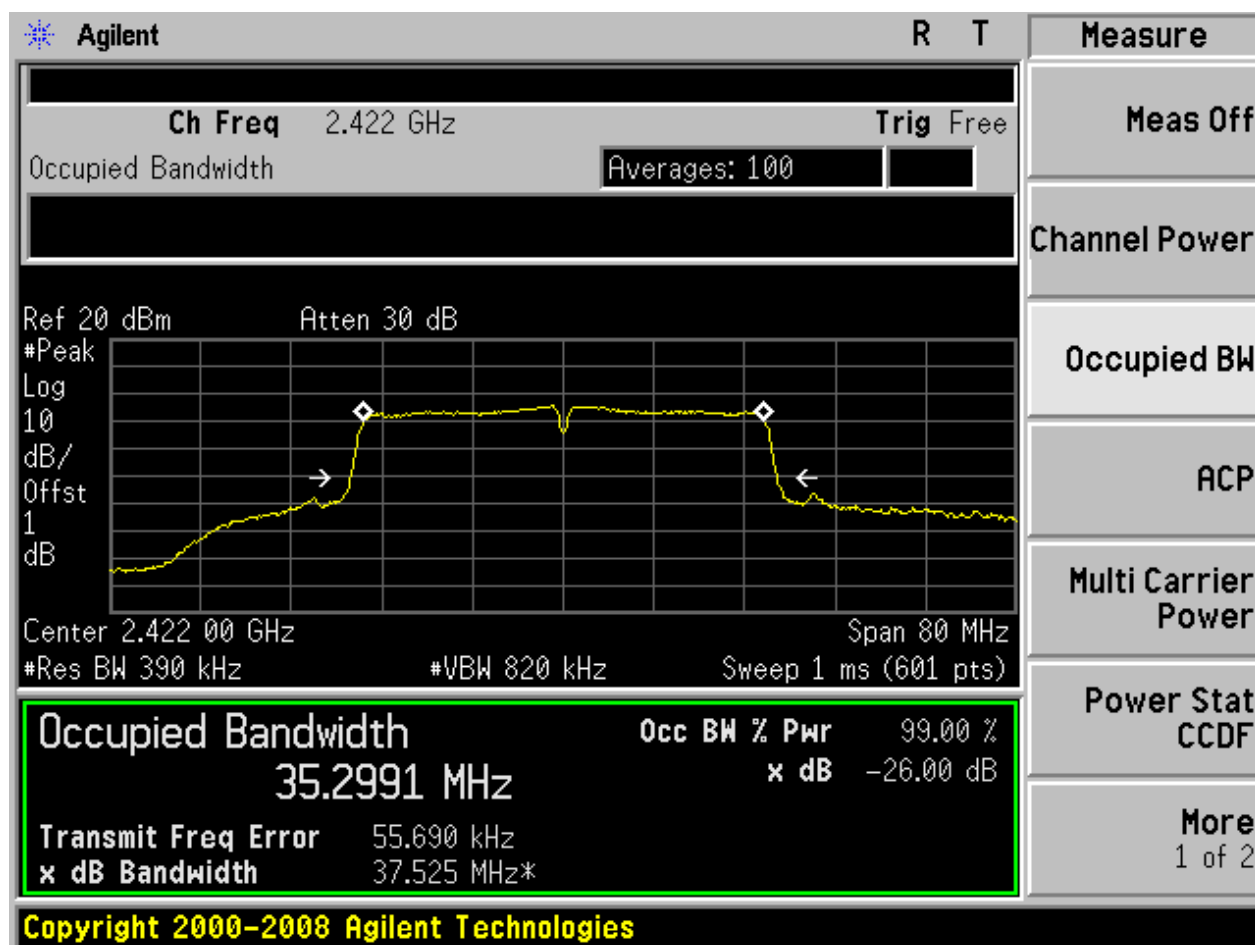
2.24 11N20m_H@Ant 2



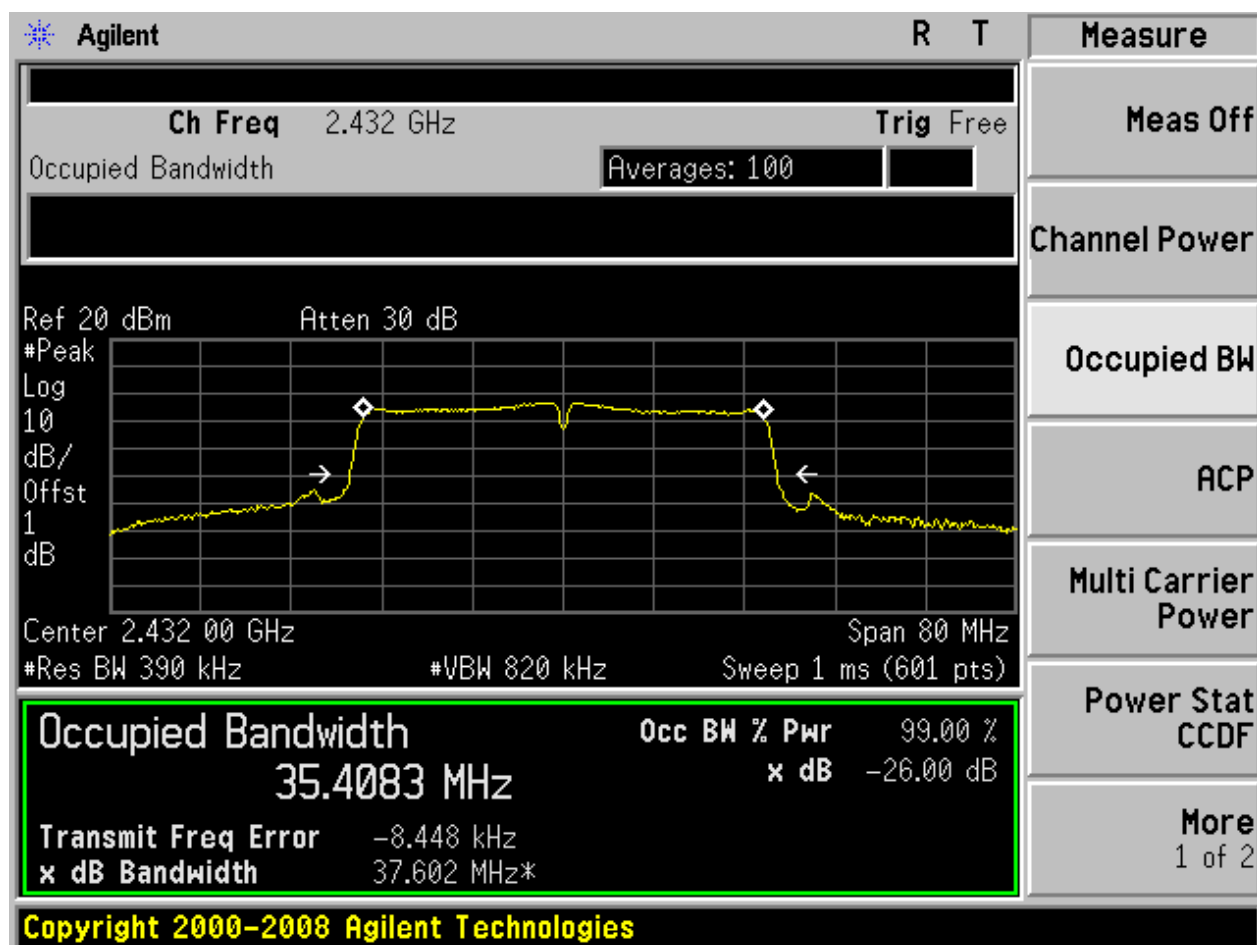
2.25 11N40_L@Ant 1



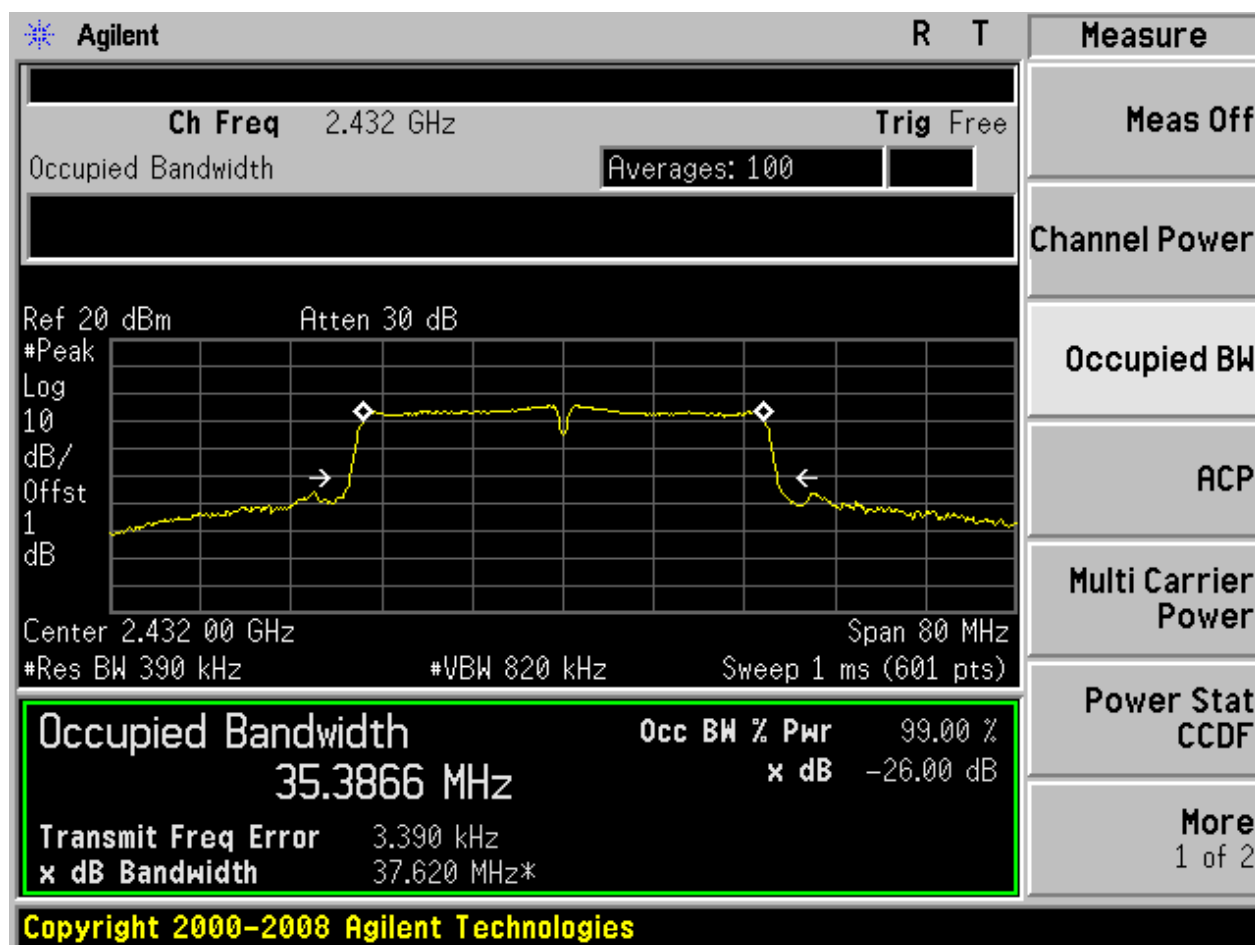
2.26 11N40_L@Ant 2



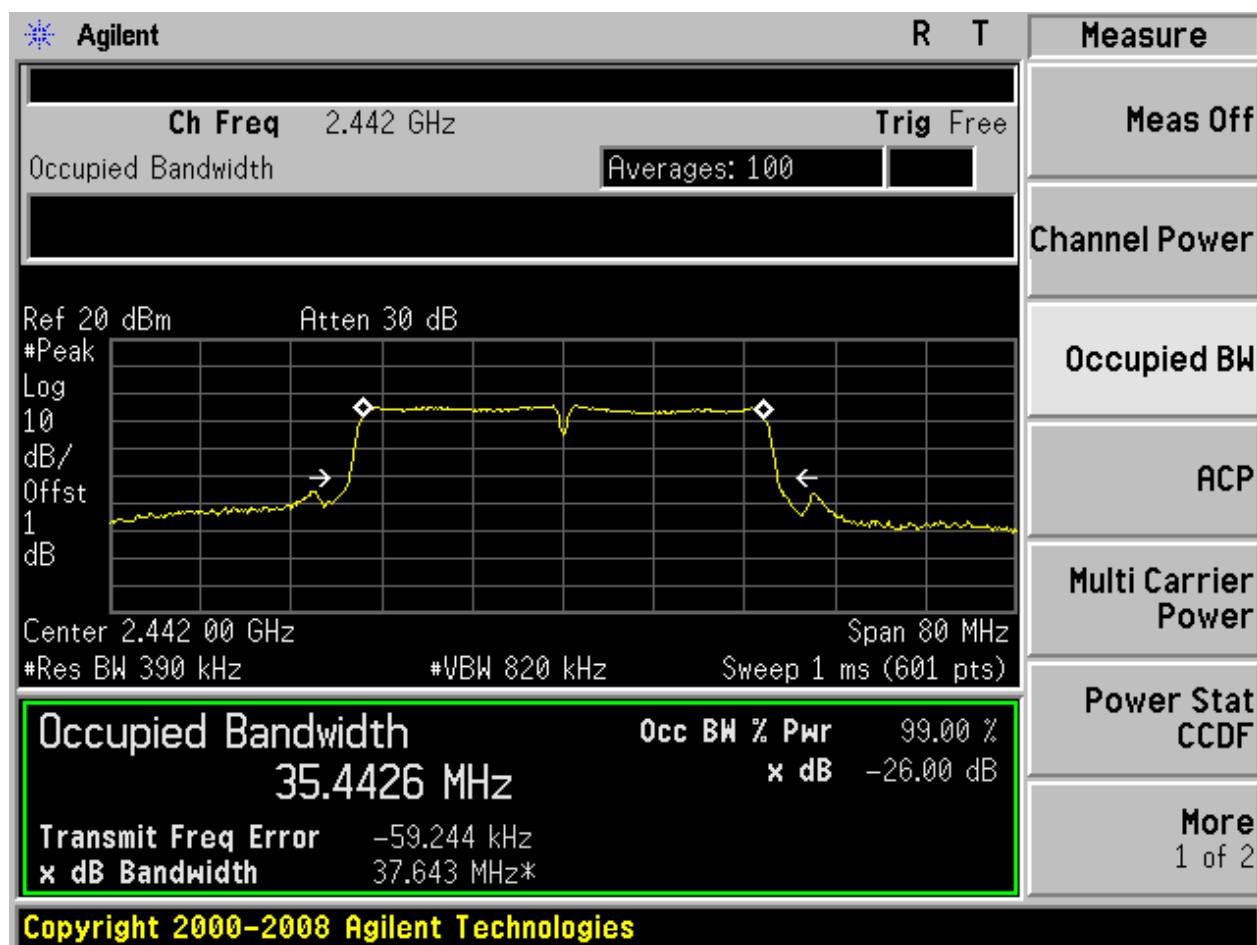
2.27 11N40_M@Ant 1



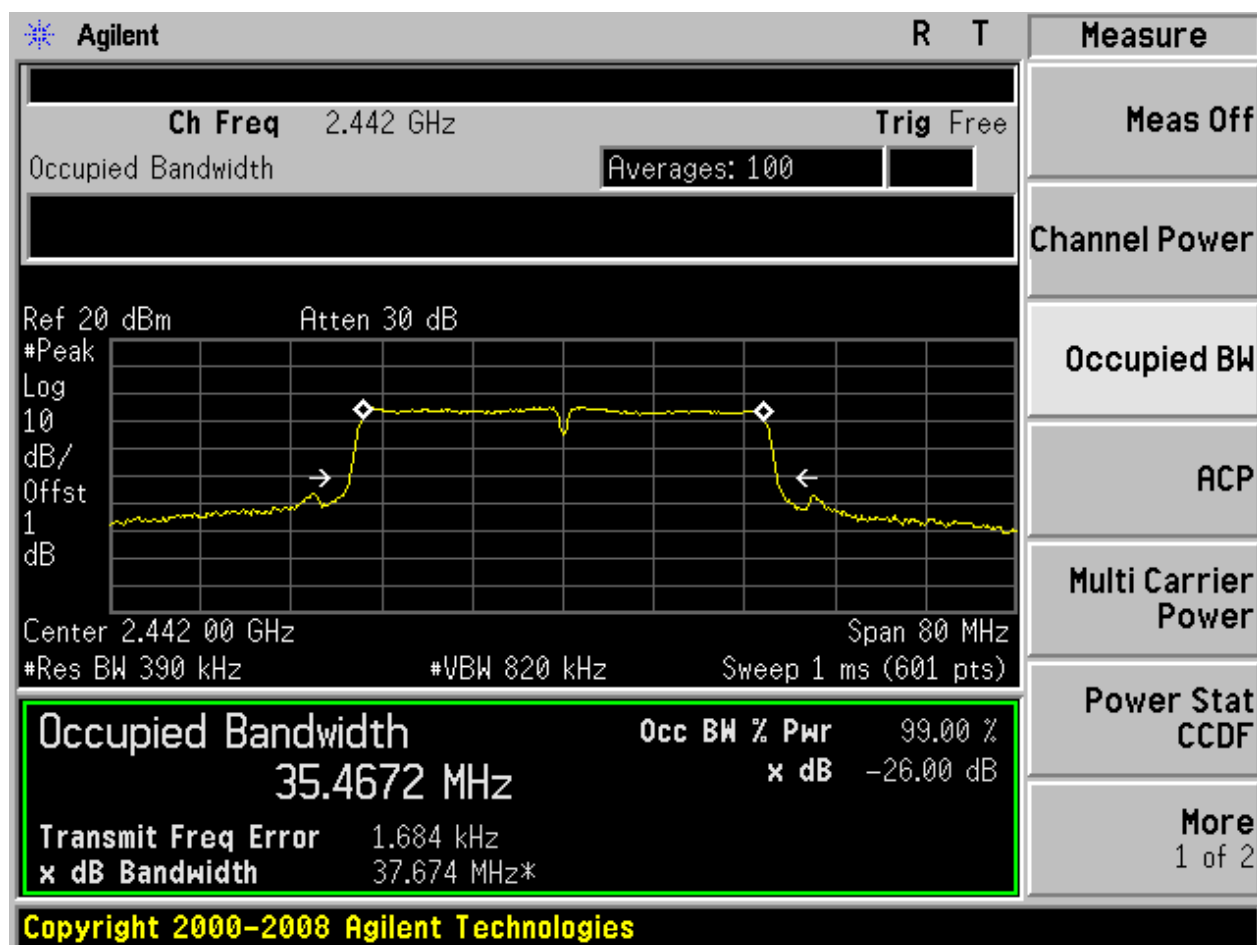
2.28 11N40_M@Ant 2



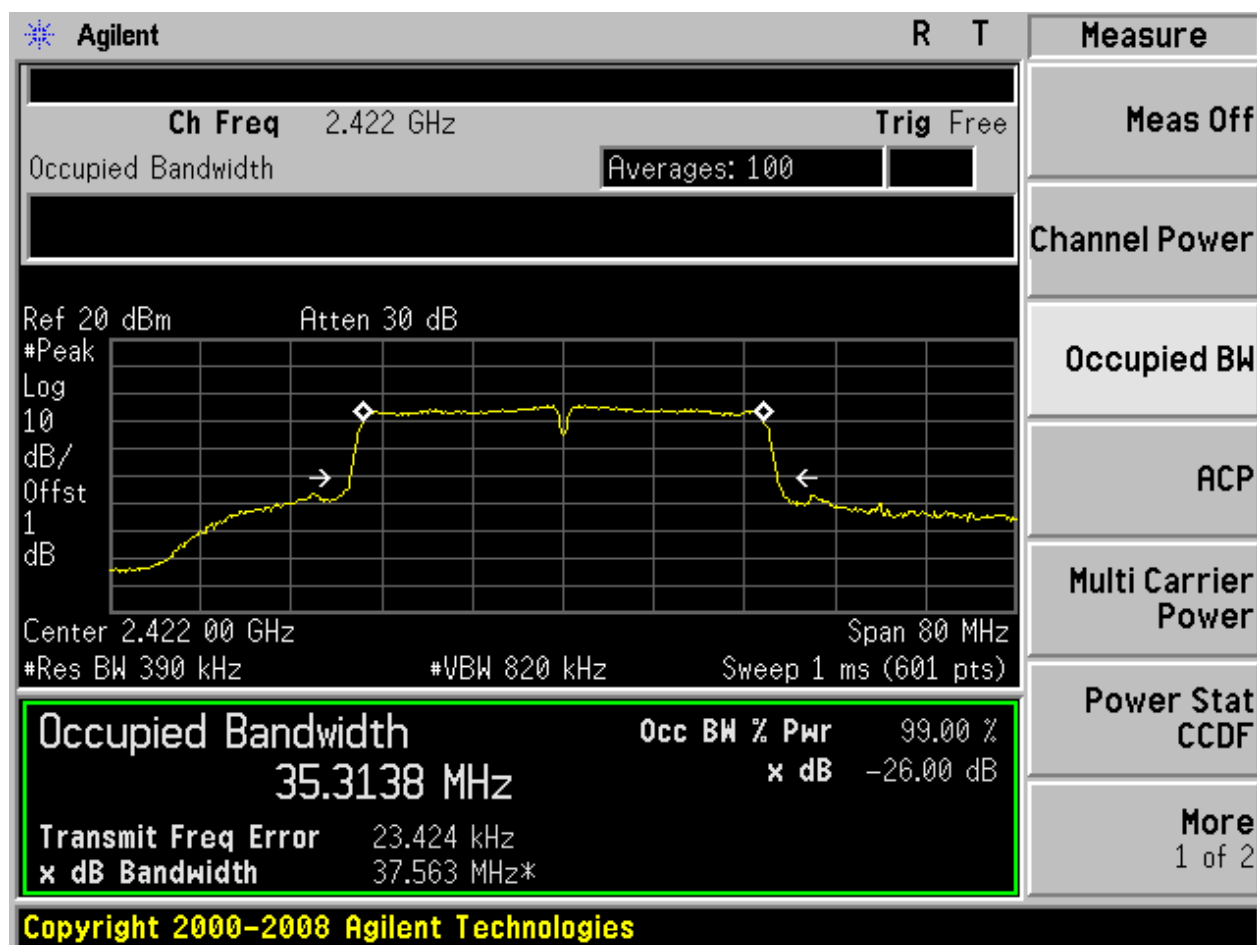
2.29 11N40_H@Ant 1



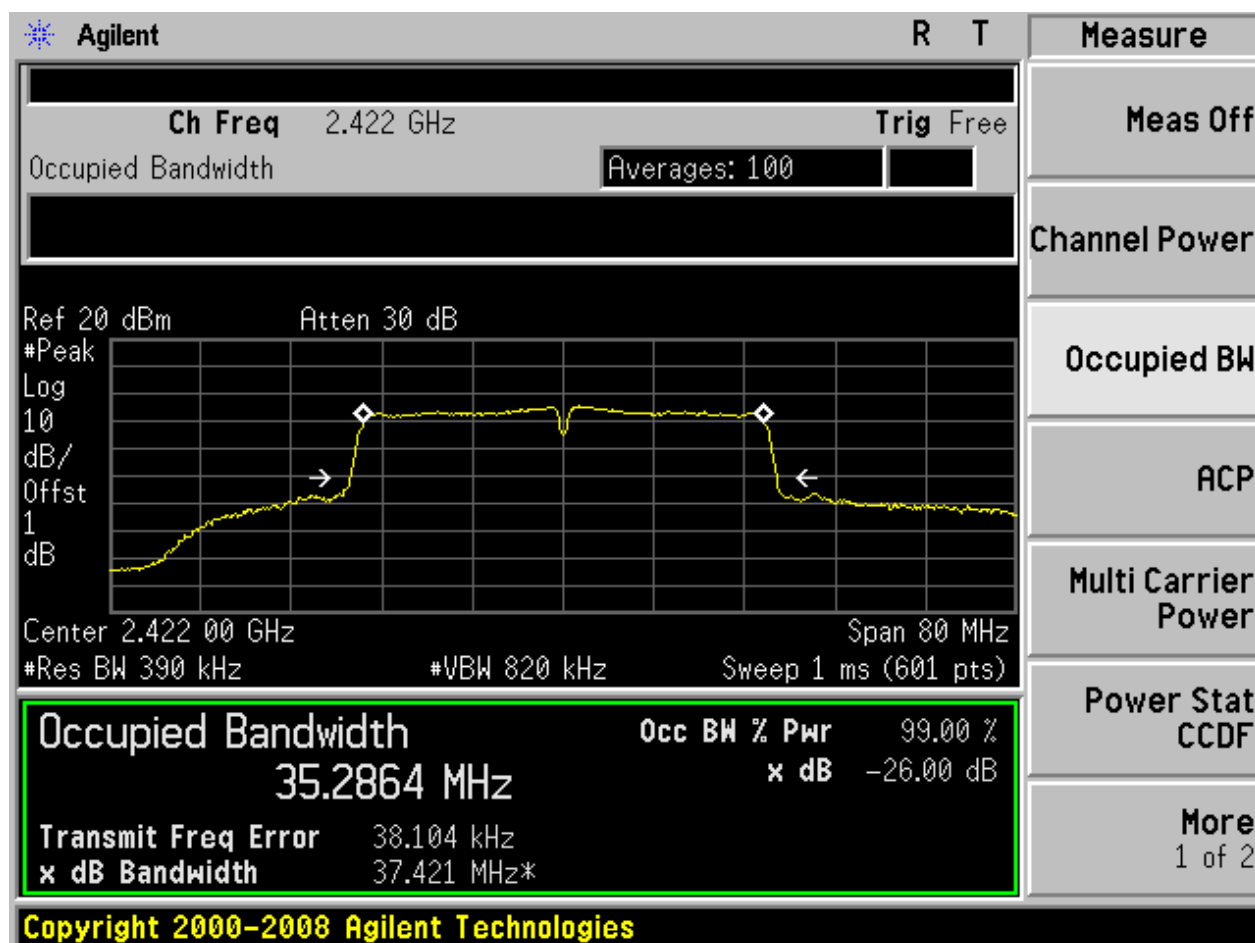
2.30 11N40_H@Ant 2



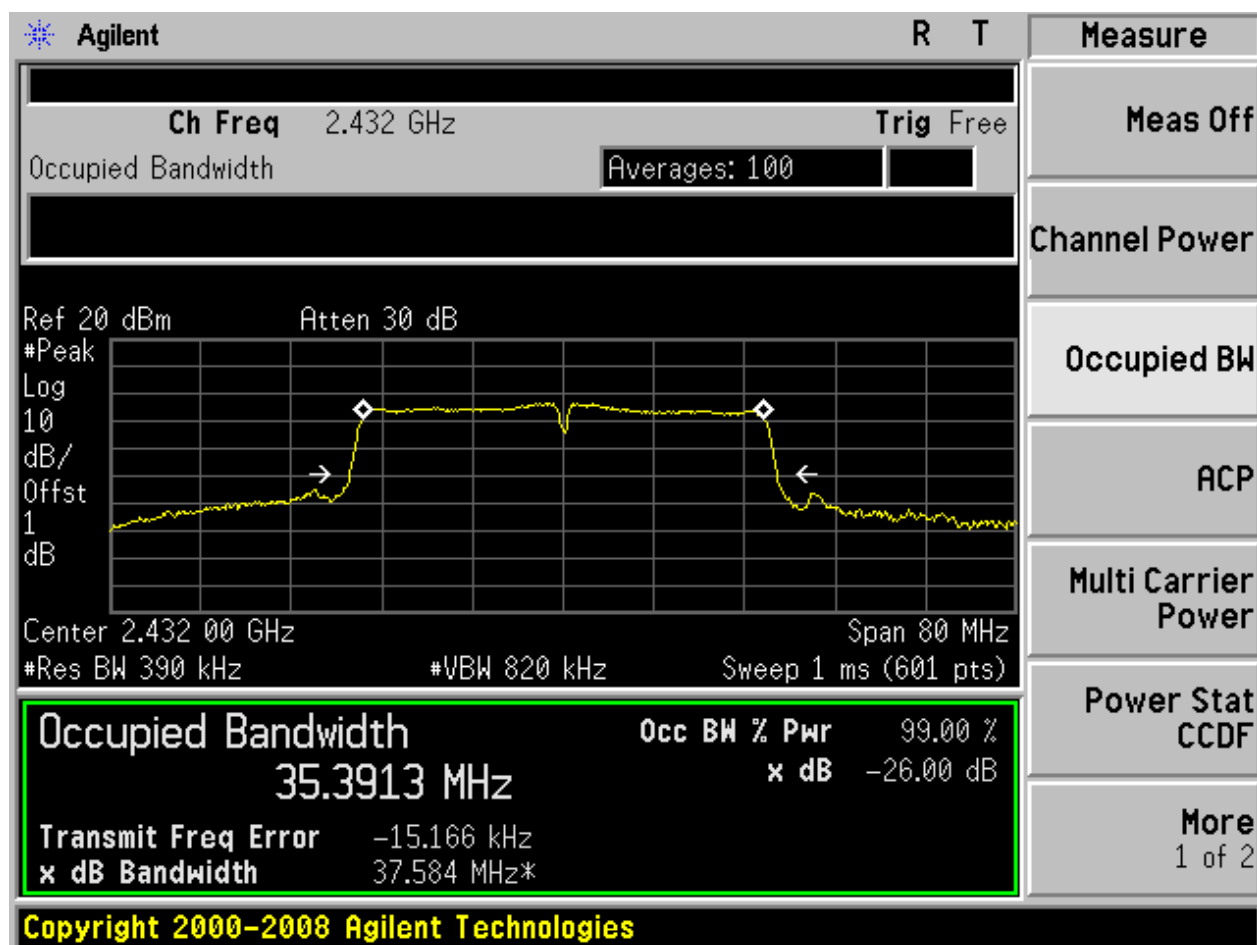
2.31 11N40m_L@Ant 1



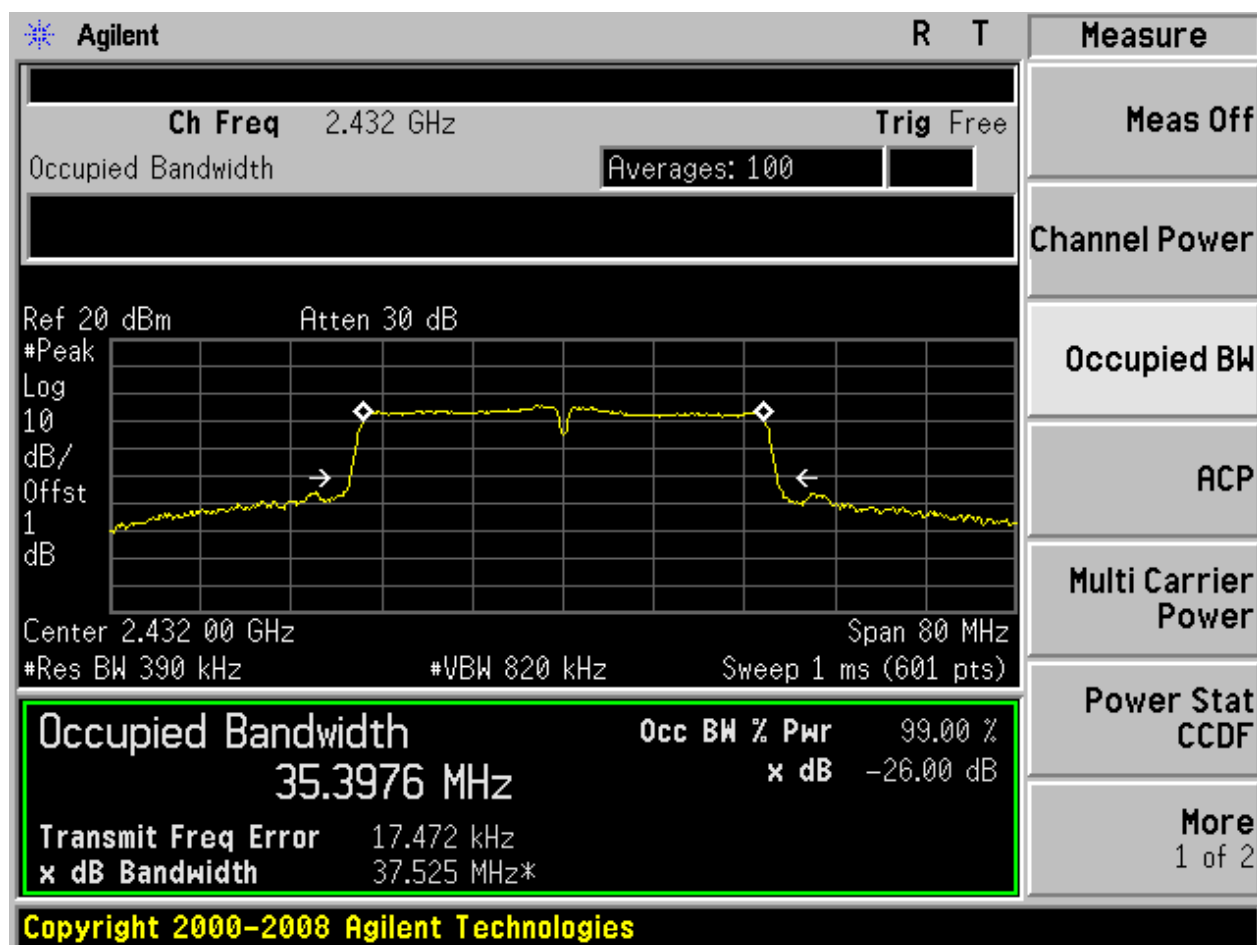
2.32 11N40m_L@Ant 2



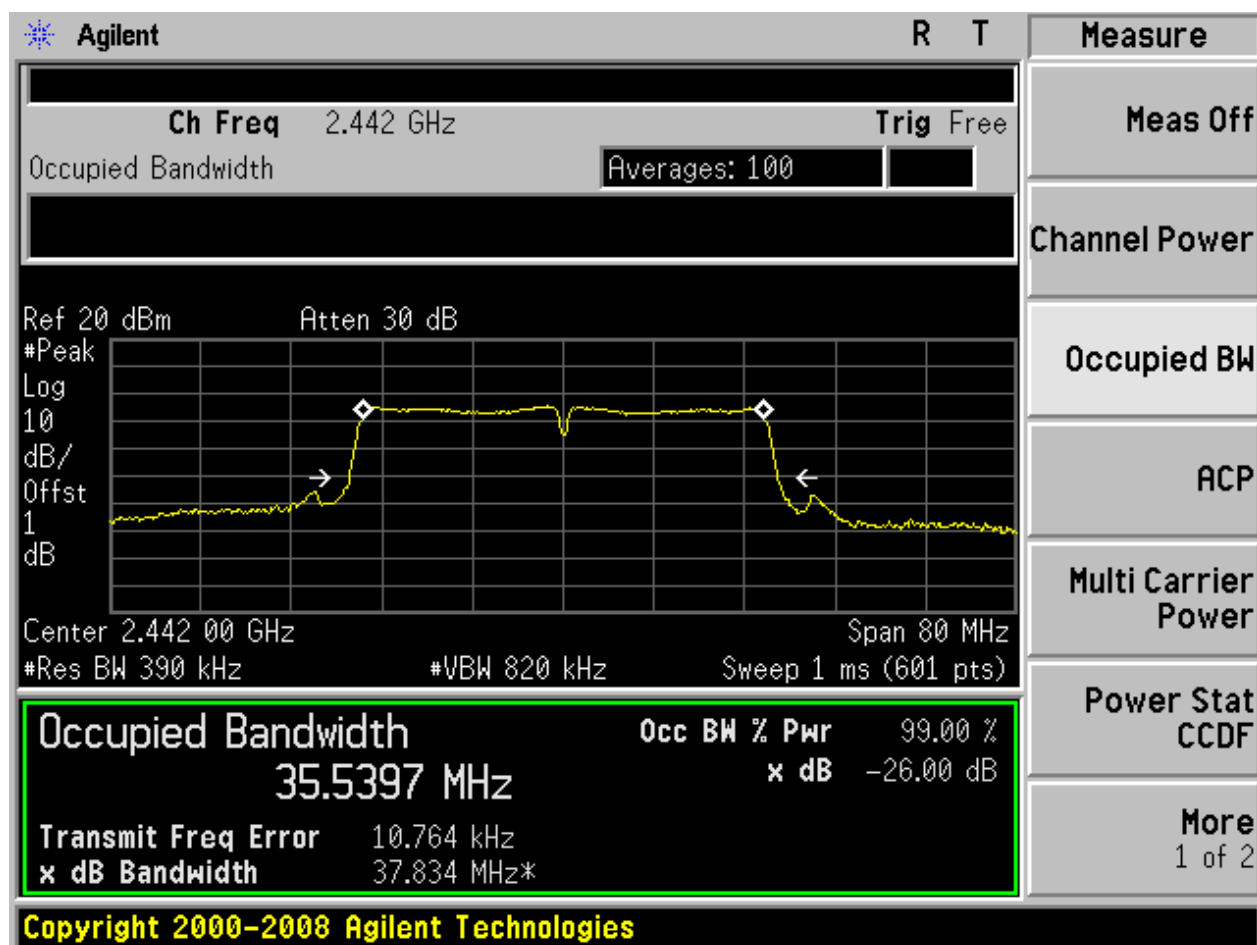
2.33 11N40m_M@Ant 1



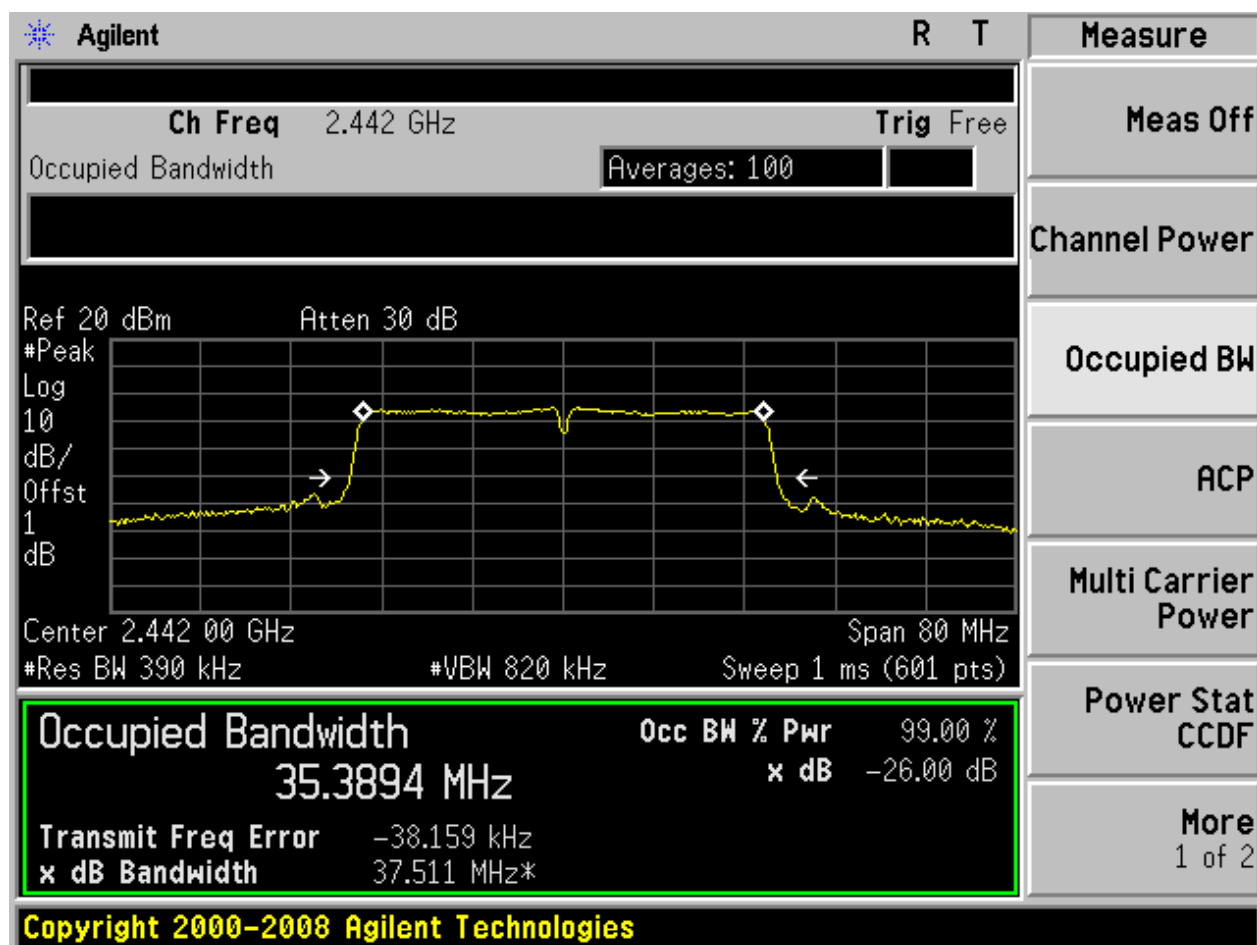
2.34 11N40m_M@Ant 2



2.35 11N40m_H@Ant 1



2.36 11N40m_H@Ant 2



Appendix C: Maximum Conducted Average Output Power

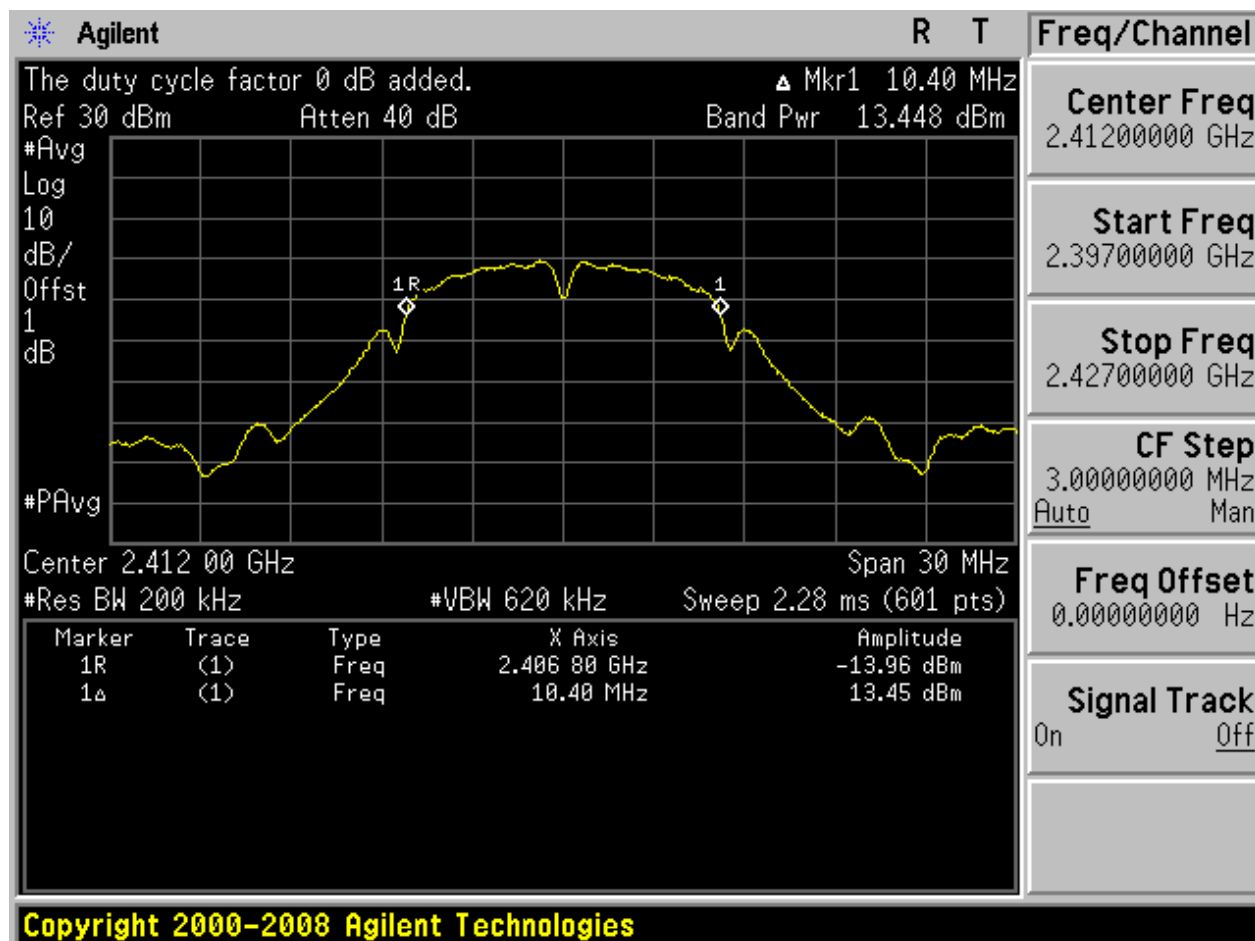
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	Power[dBm]	Verdict
11B	L	2412	Ant 1	13.45	pass
11B	L	2412	Ant 2	12.60	pass
11B	M	2432	Ant 1	14.16	pass
11B	M	2432	Ant 2	12.59	pass
11B	H	2452	Ant 1	13.80	pass
11B	H	2452	Ant 2	13.41	pass
11G	L	2412	Ant 1	11.40	pass
11G	L	2412	Ant 2	10.95	pass
11G	M	2432	Ant 1	12.16	pass
11G	M	2432	Ant 2	10.97	pass
11G	H	2452	Ant 1	12.18	pass
11G	H	2452	Ant 2	11.87	pass
11N20	L	2412	Ant 1	10.41	pass
11N20	L	2412	Ant 2	10.28	pass
11N20	M	2432	Ant 1	11.43	pass
11N20	M	2432	Ant 2	10.26	pass
11N20	H	2452	Ant 1	11.16	pass
11N20	H	2452	Ant 2	10.90	pass
11N20m	L	2412	Ant 1	10.49	pass
11N20m	L	2412	Ant 2	10.25	pass
11N20m	L	2412	Ant sum	13.38	pass
11N20m	M	2432	Ant 1	11.34	pass
11N20m	M	2432	Ant 2	10.08	pass
11N20m	M	2432	Ant sum	13.77	pass
11N20m	H	2452	Ant 1	11.26	pass
11N20m	H	2452	Ant 2	10.80	pass
11N20m	H	2452	Ant sum	14.05	pass
11N40	L	2422	Ant 1	11.52	pass
11N40	L	2422	Ant 2	10.60	pass
11N40	M	2432	Ant 1	11.61	pass
11N40	M	2432	Ant 2	10.64	pass
11N40	H	2442	Ant 1	11.46	pass
11N40	H	2442	Ant 2	10.89	pass
11N40m	L	2422	Ant 1	11.34	pass
11N40m	L	2422	Ant 2	10.73	pass
11N40m	L	2422	Ant sum	14.06	pass

Test Mode	Test Channel	Frequency[MHz]	Ant	Power[dBm]	Verdict
11N40m	M	2432	Ant 1	11.82	pass
11N40m	M	2432	Ant 2	10.83	pass
11N40m	M	2432	Ant sum	14.36	pass
11N40m	H	2442	Ant 1	11.77	pass
11N40m	H	2442	Ant 2	11.00	pass
11N40m	H	2442	Ant sum	14.41	pass

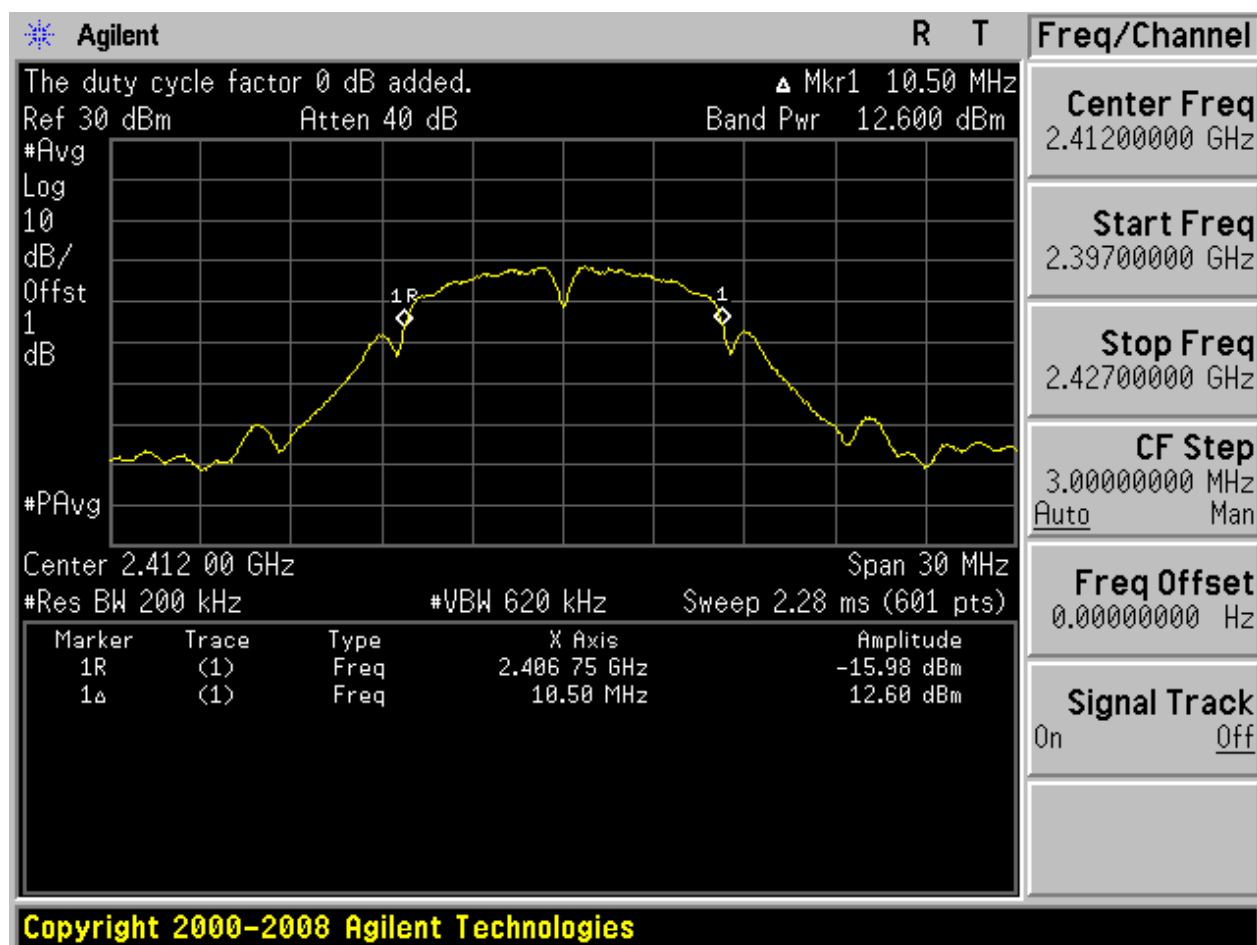
Part II - Test Plots

2.1 11B_L@Ant 1



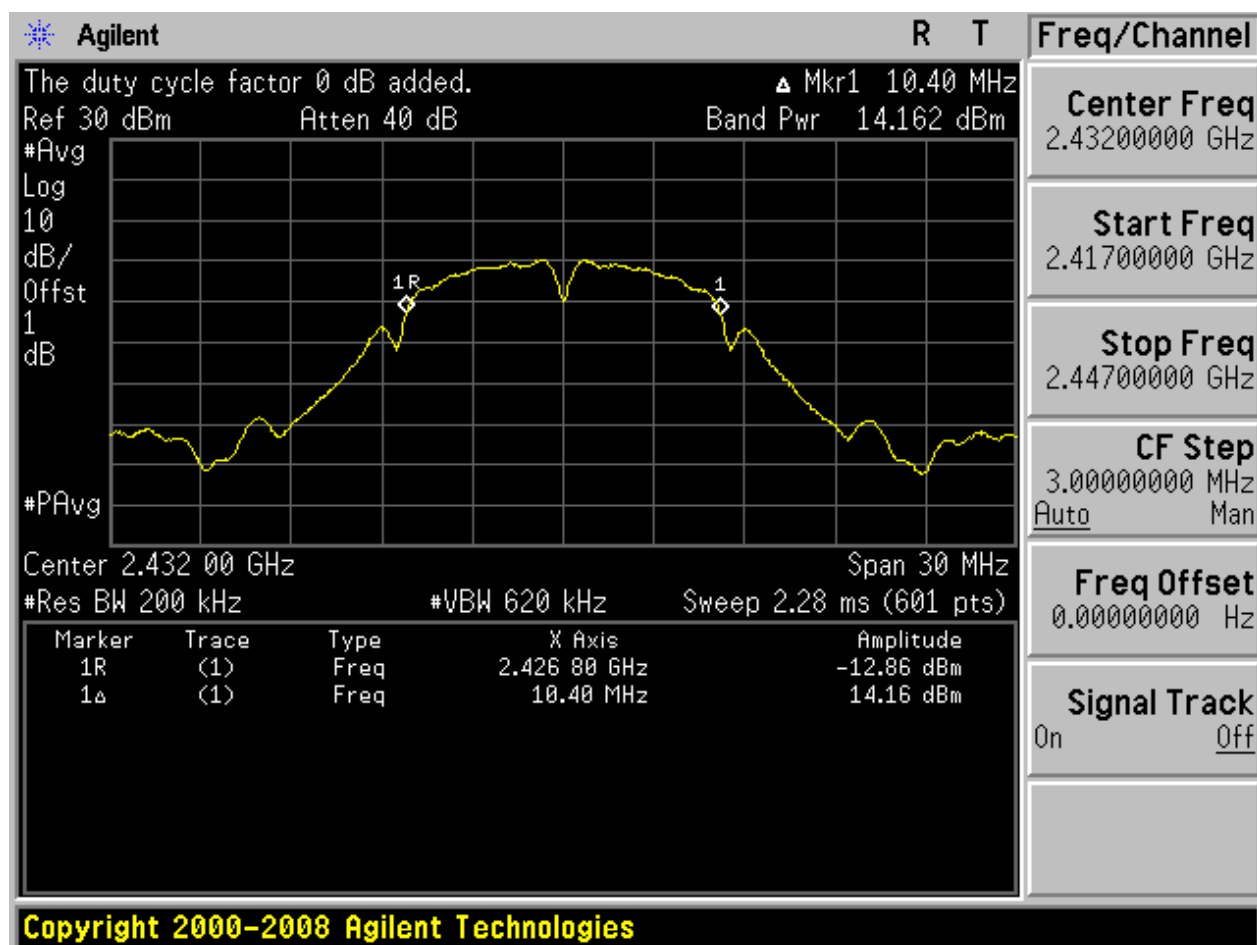


2.2 11B_L@Ant 2



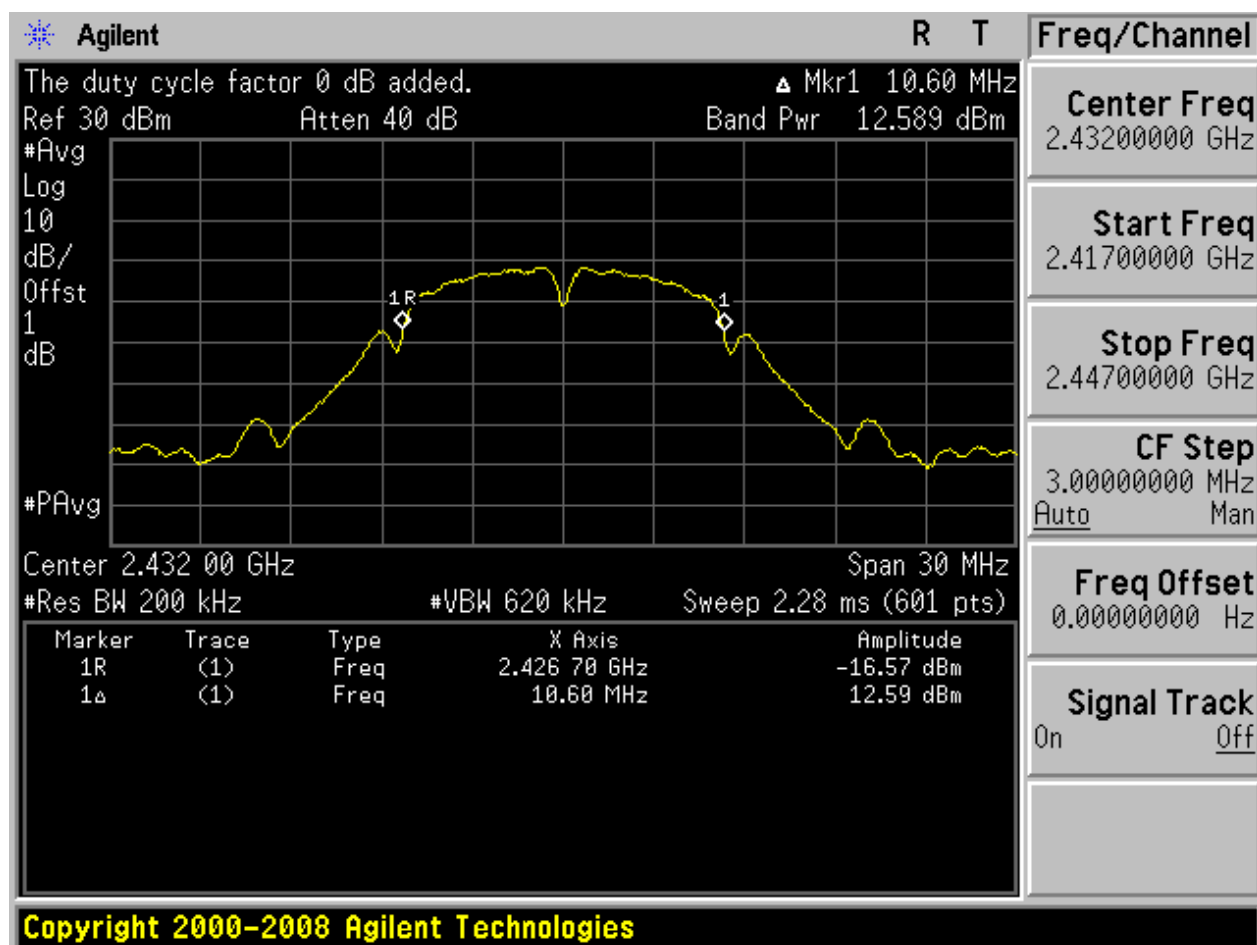


2.3 11B_M@Ant 1



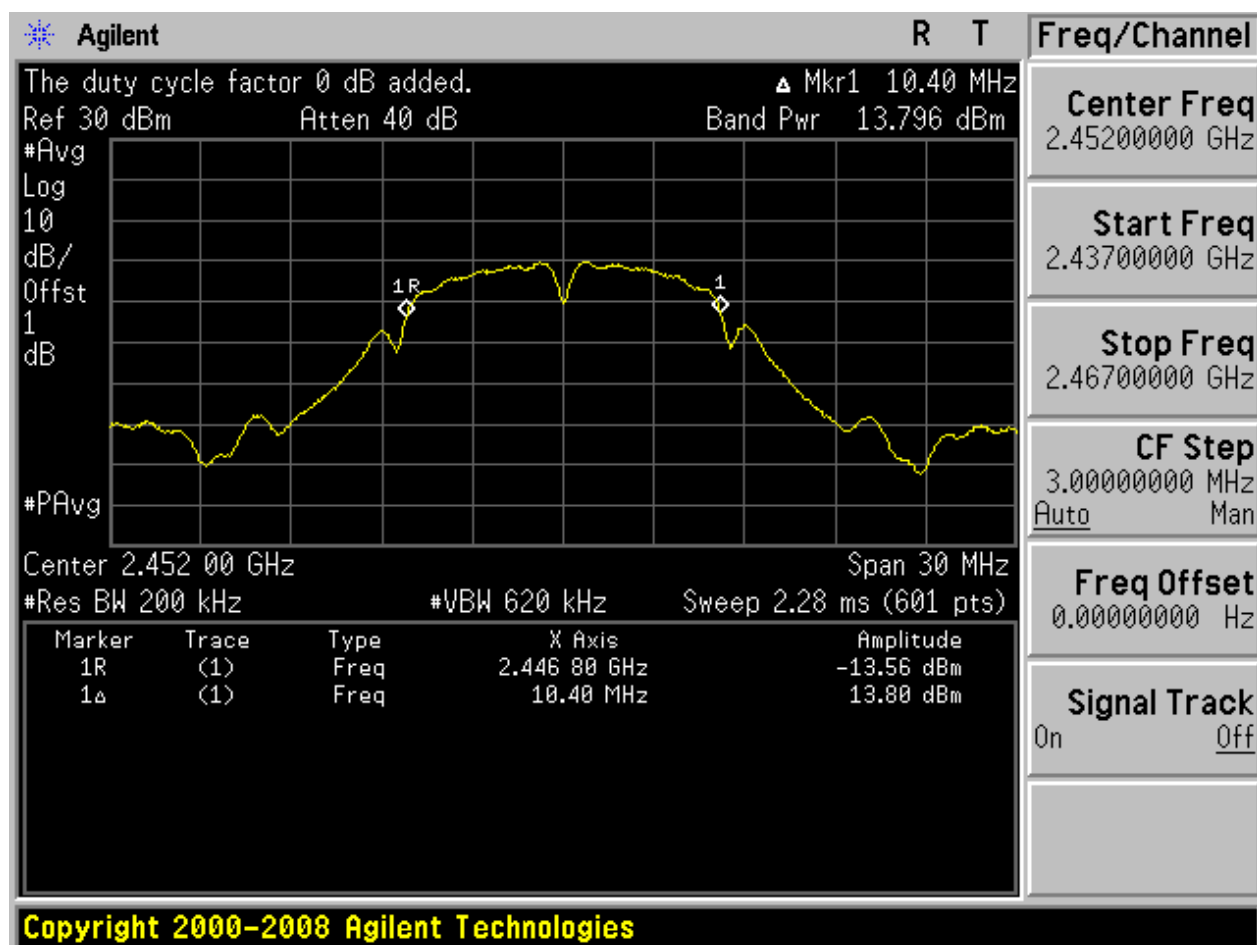


2.4 11B_M@Ant 2



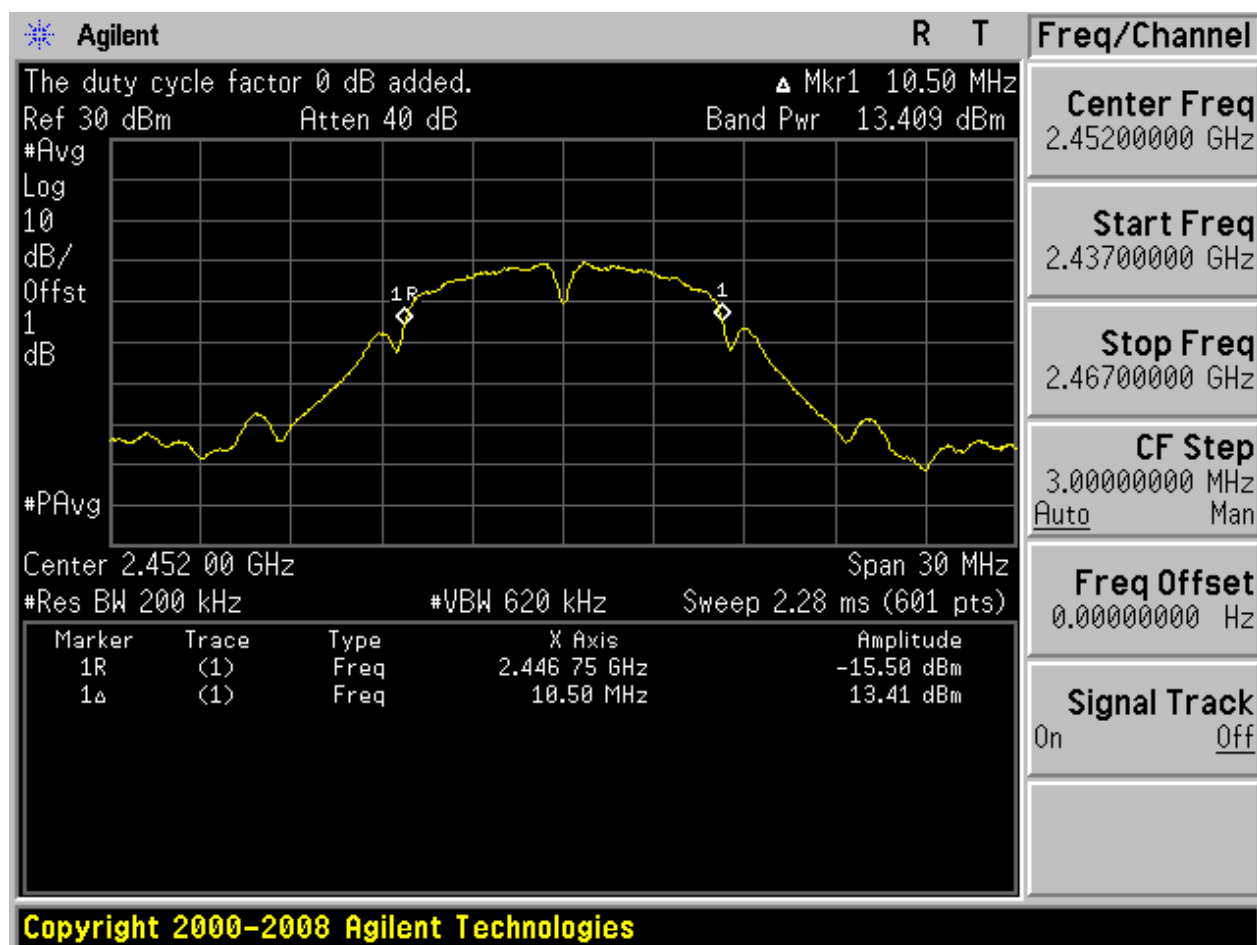


2.5 11B_H@Ant 1



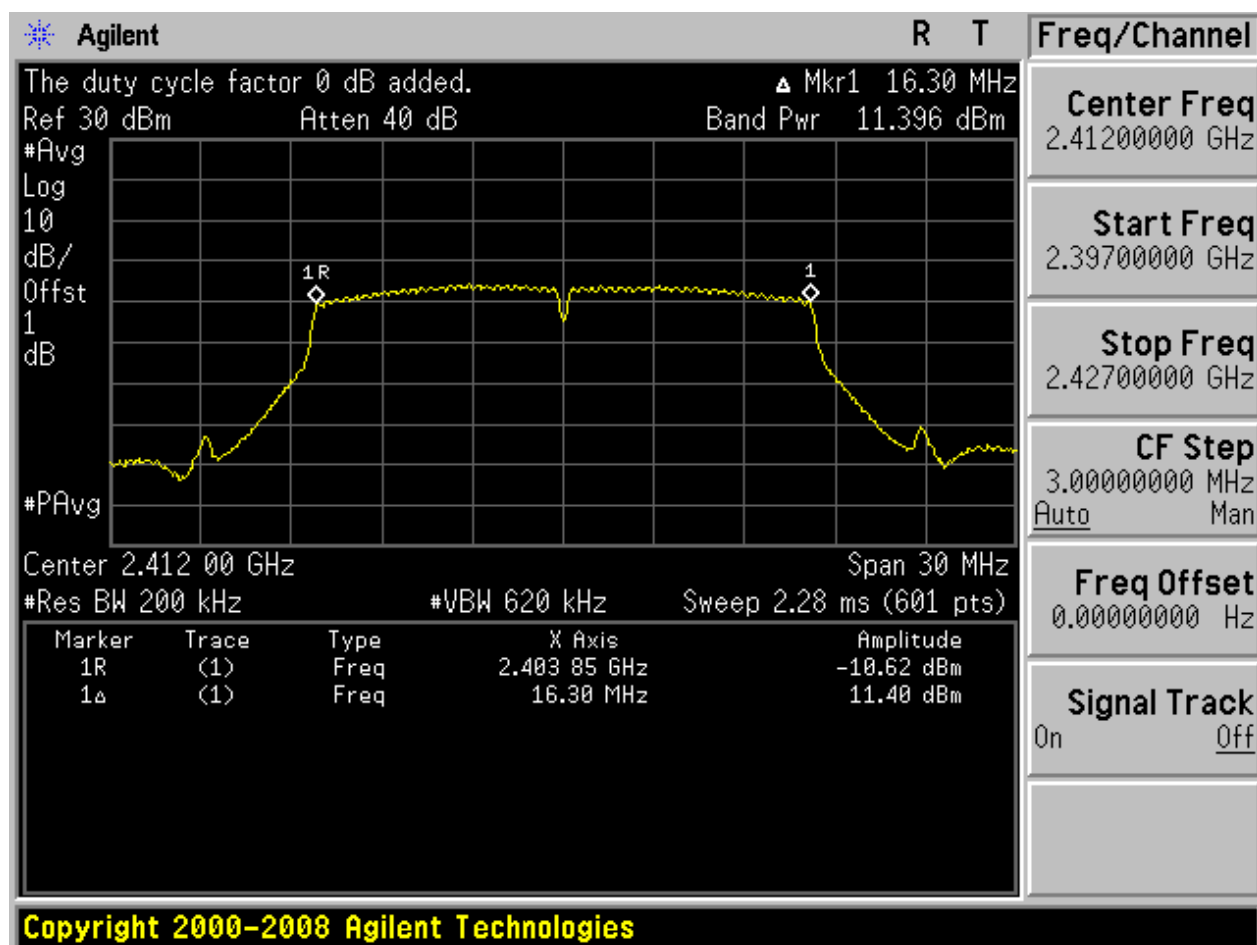


2.6 11B_H@Ant 2

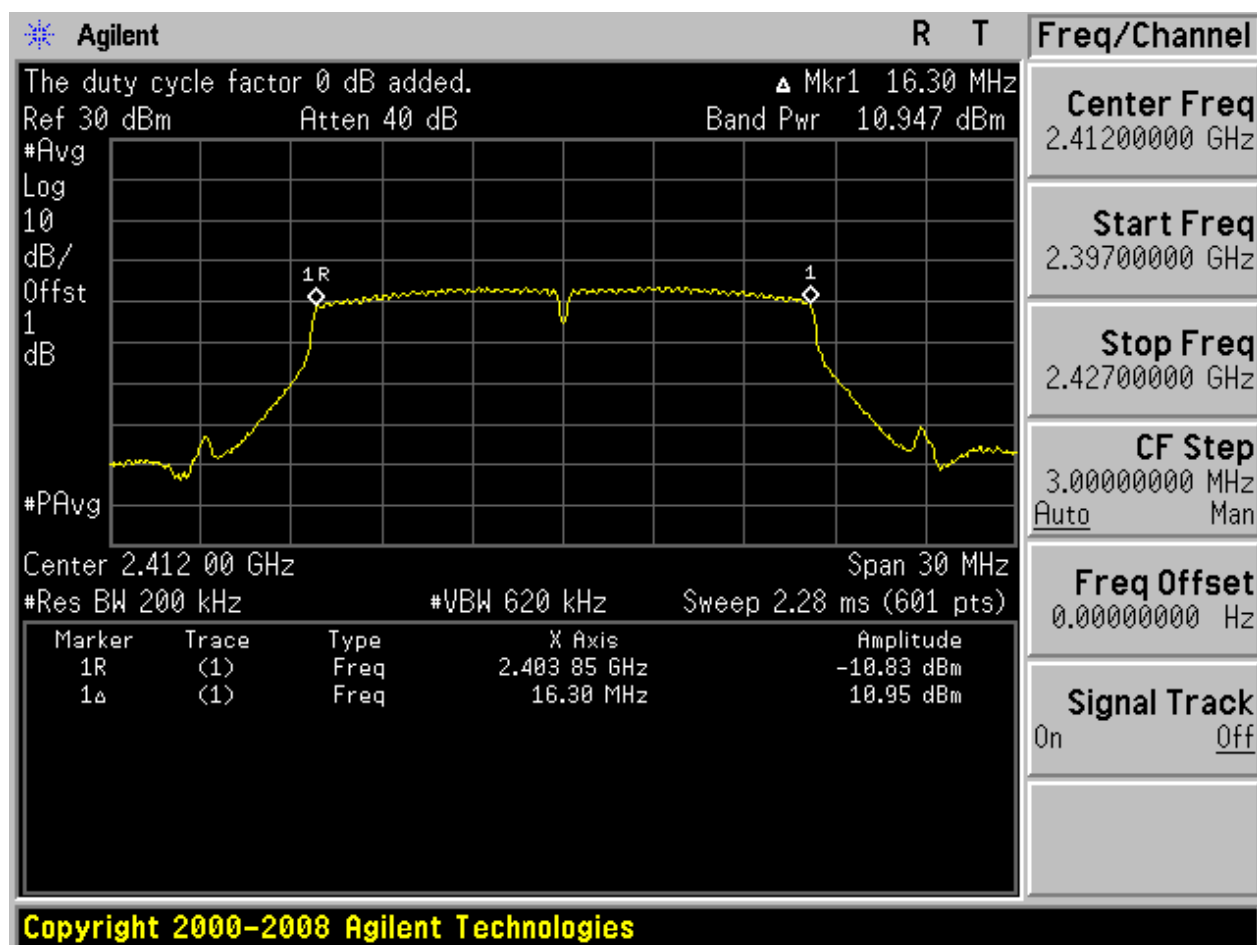




2.7 11G_L@Ant 1

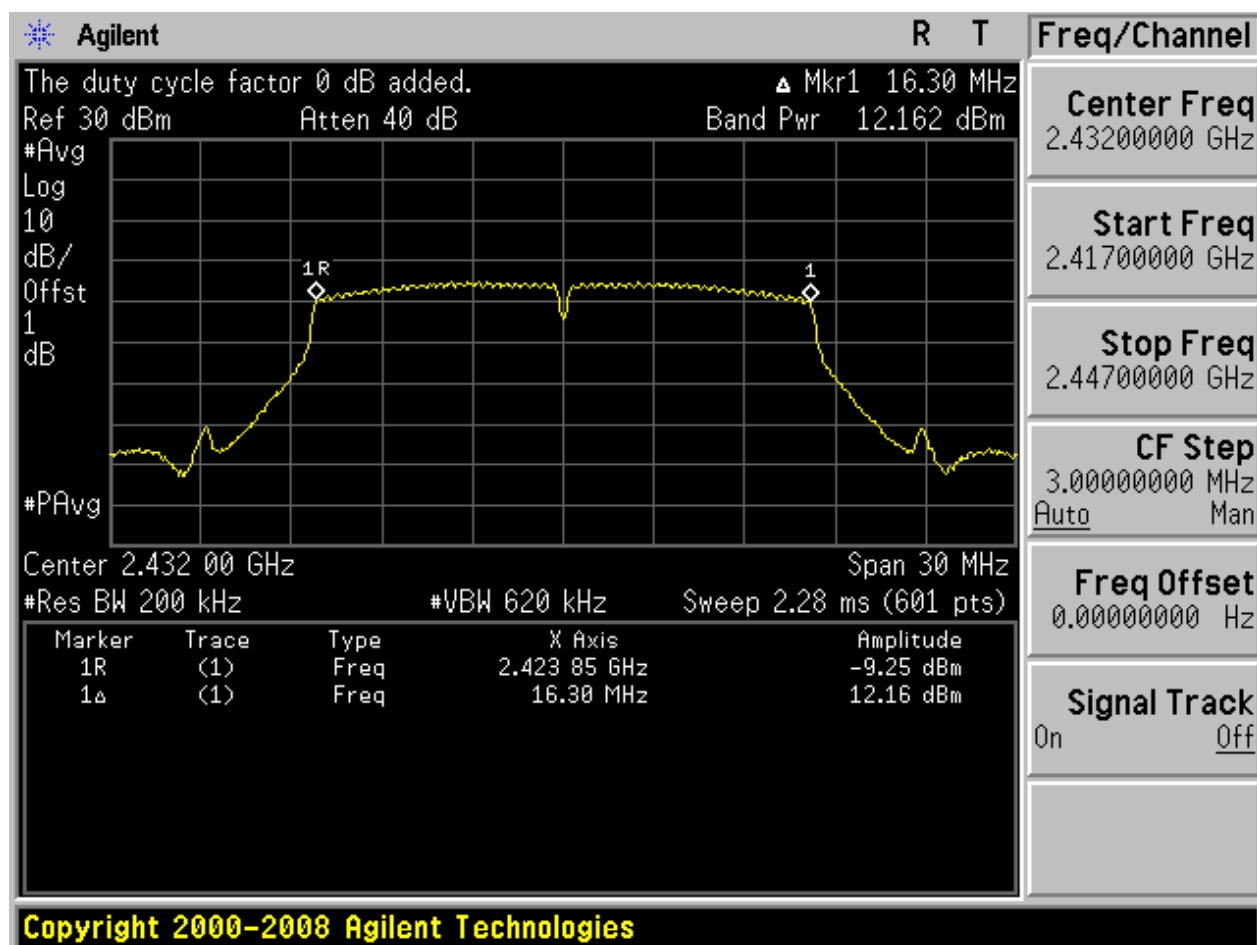


2.8 11G_L@Ant 2



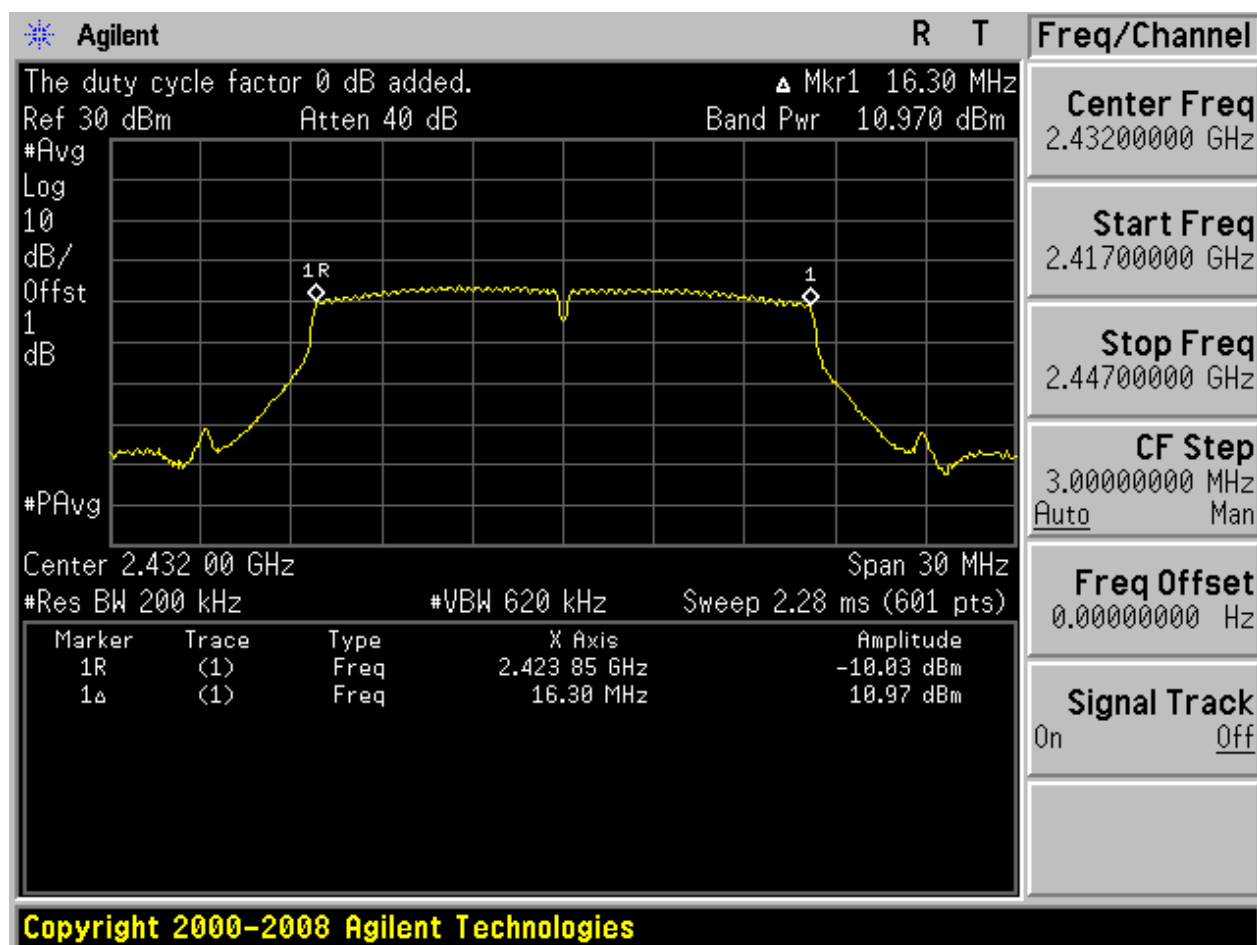


2.9 11G_M@Ant 1



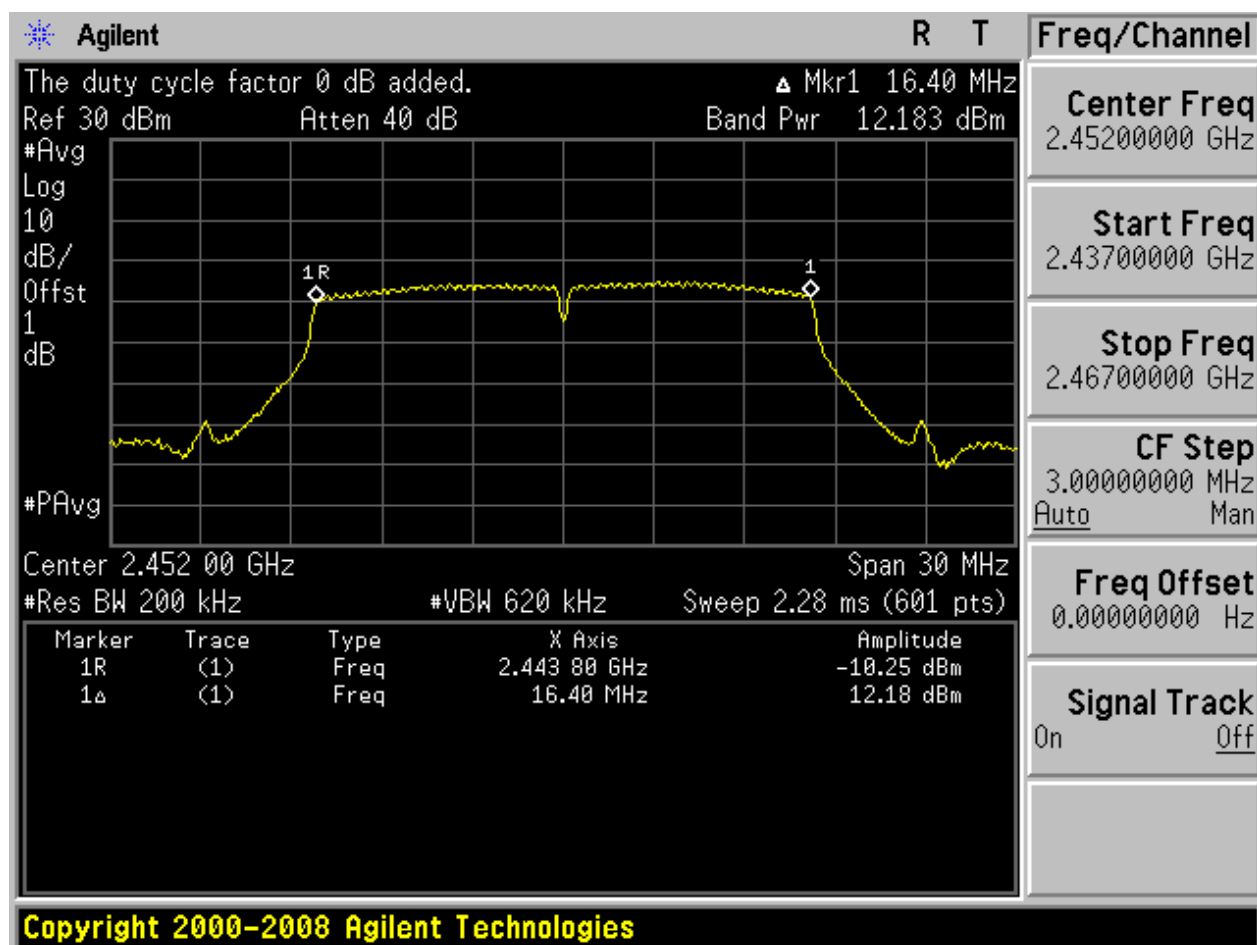


2.10 11G_M@Ant 2



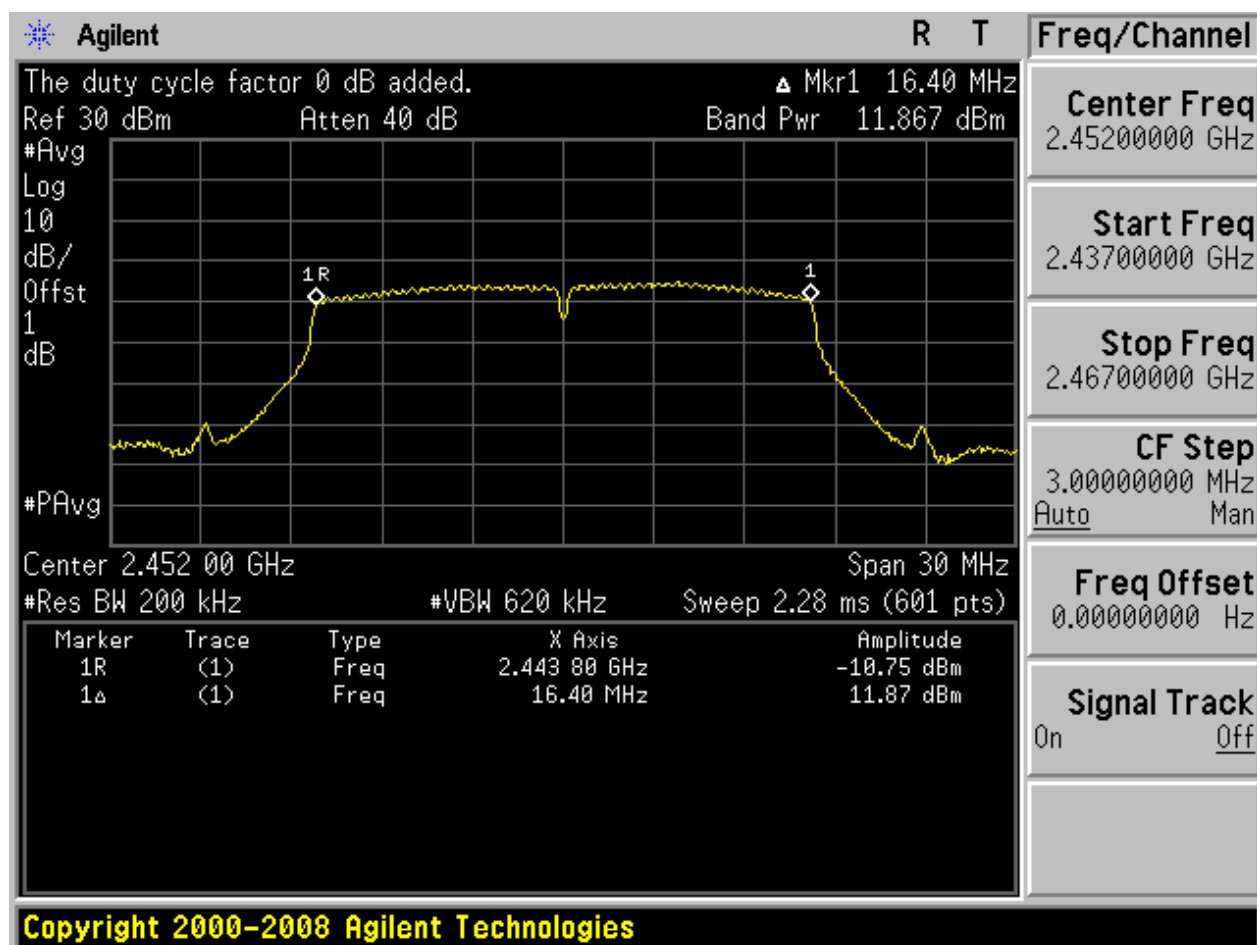


2.11 11G_H@Ant 1



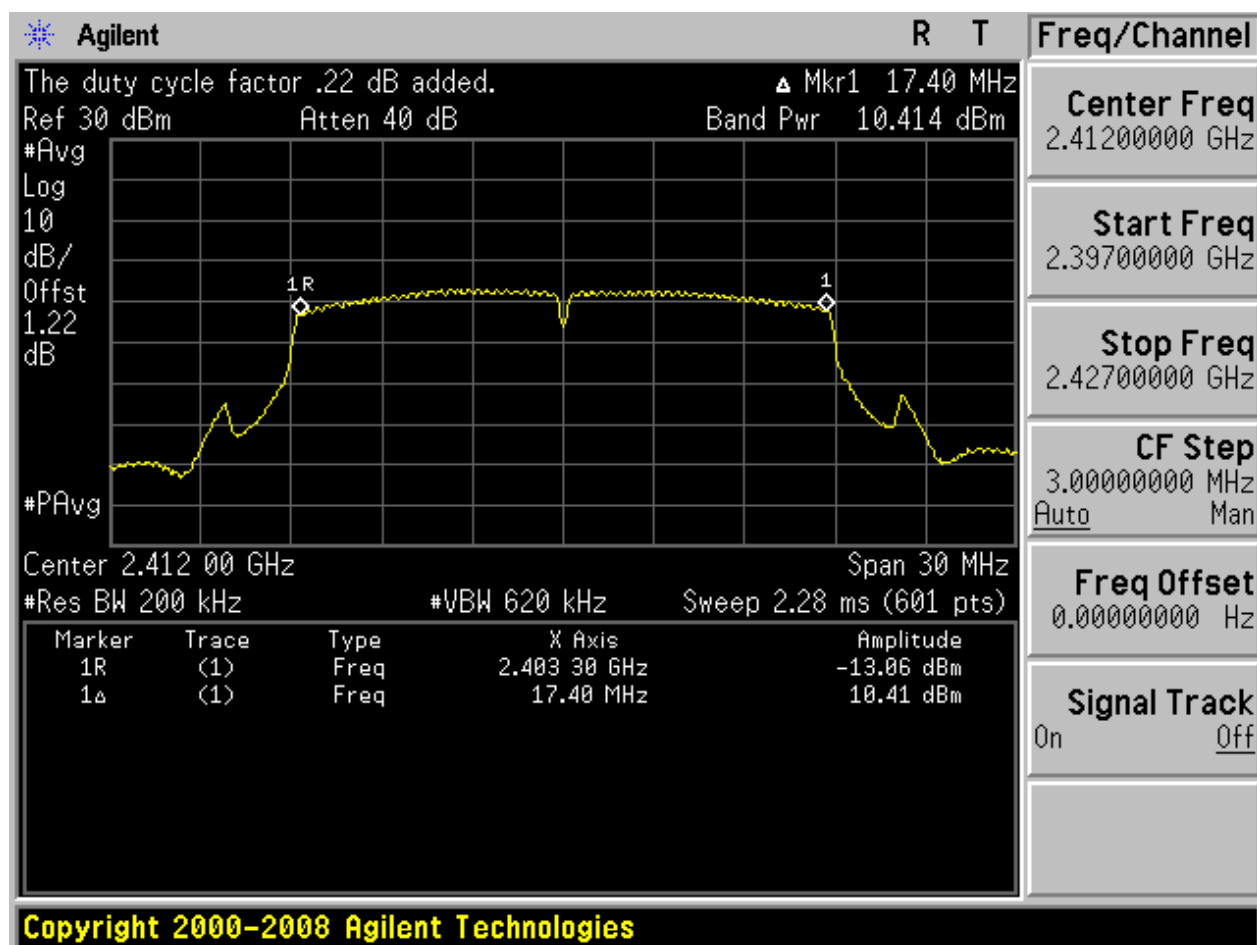


2.12 11G_H@Ant 2

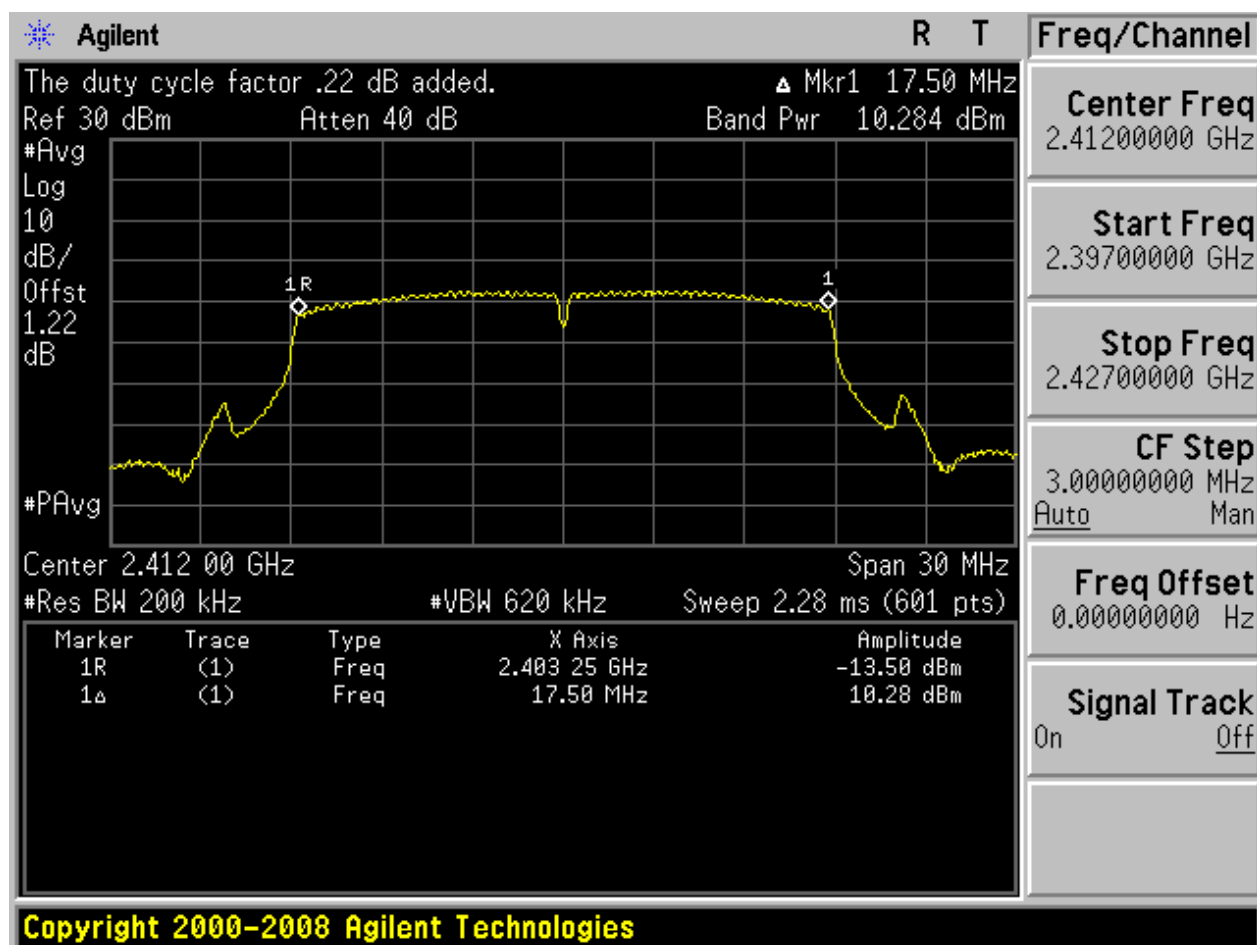




2.13 11N20_L@Ant 1

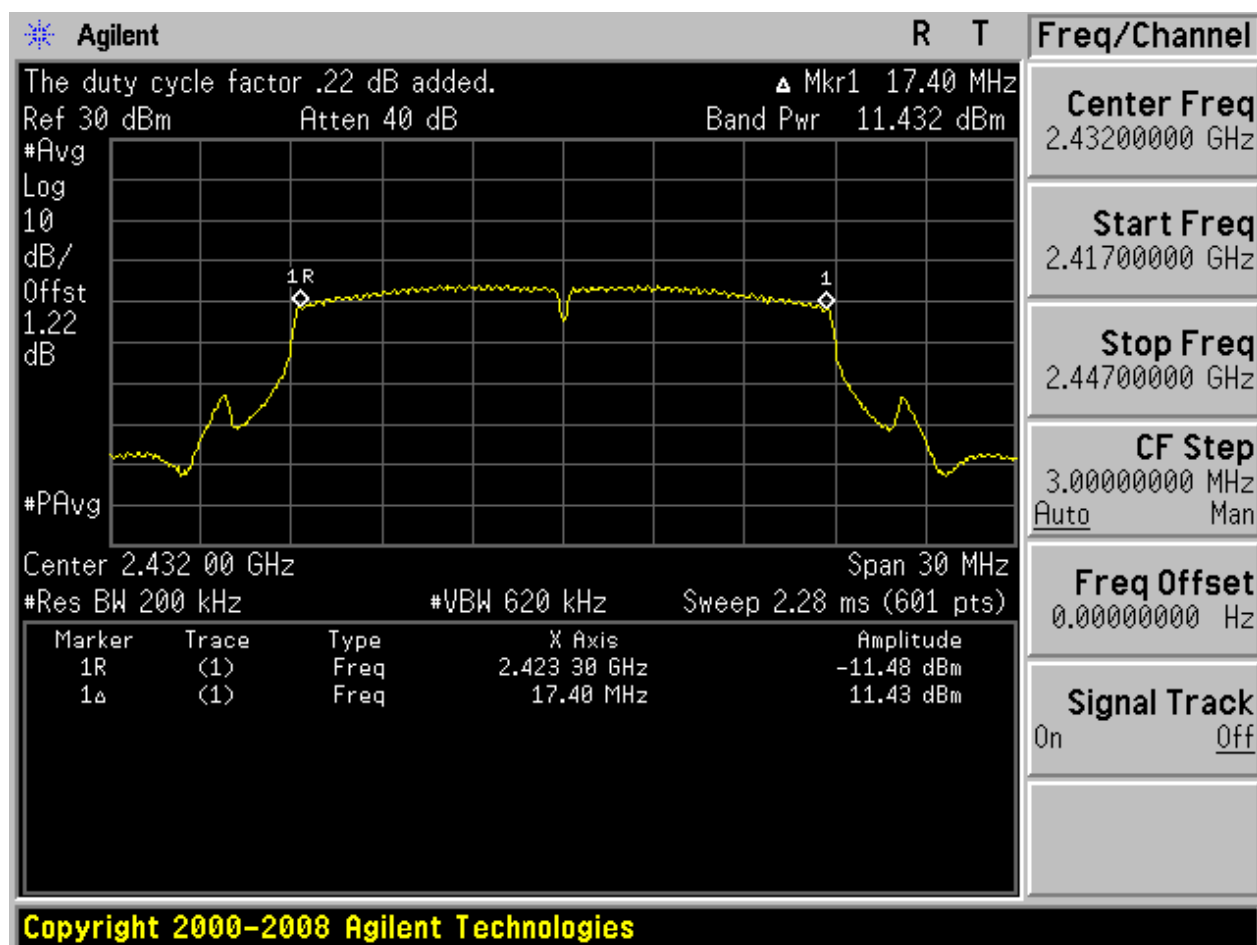


2.14 11N20_L@Ant 2



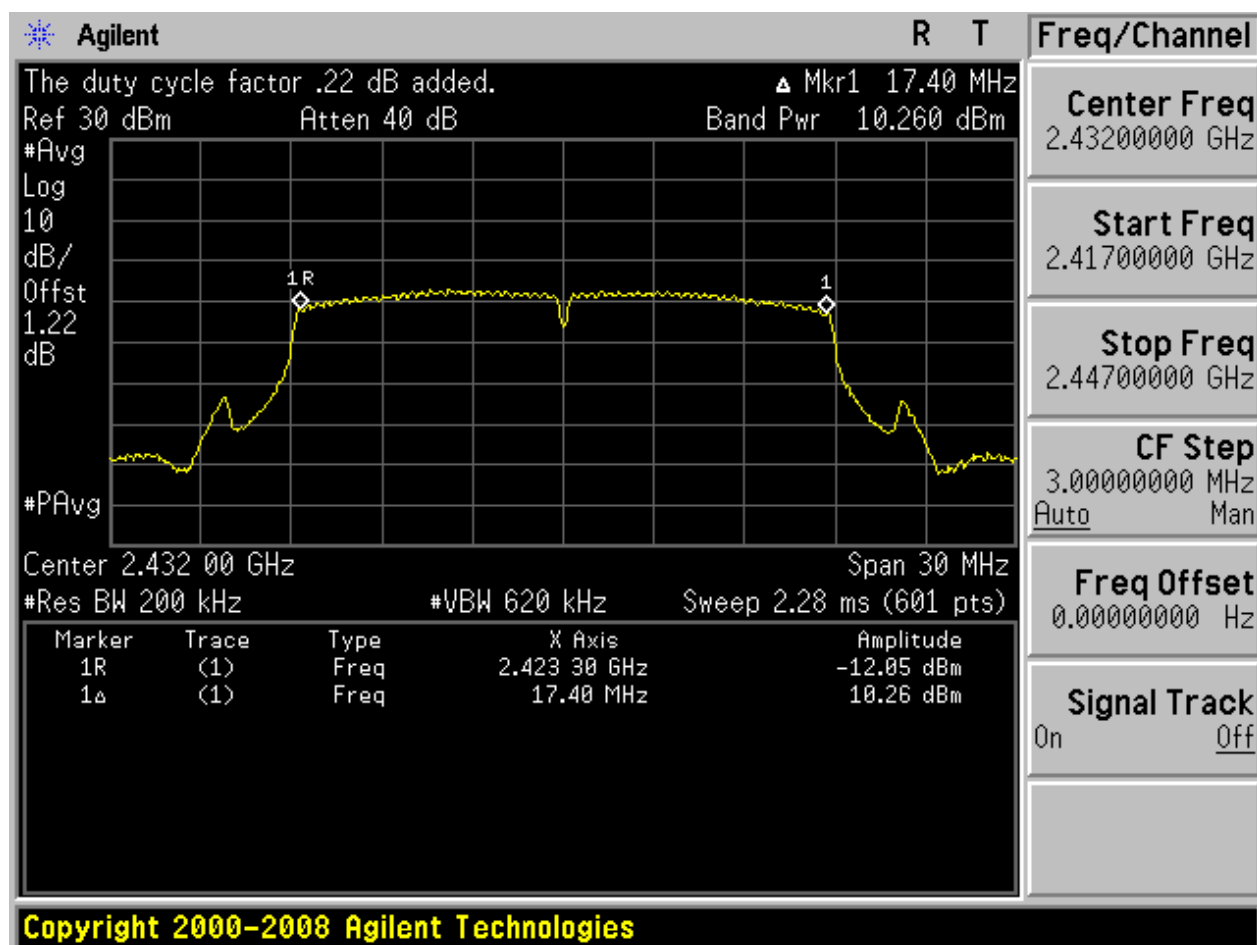


2.15 11N20_M@Ant 1



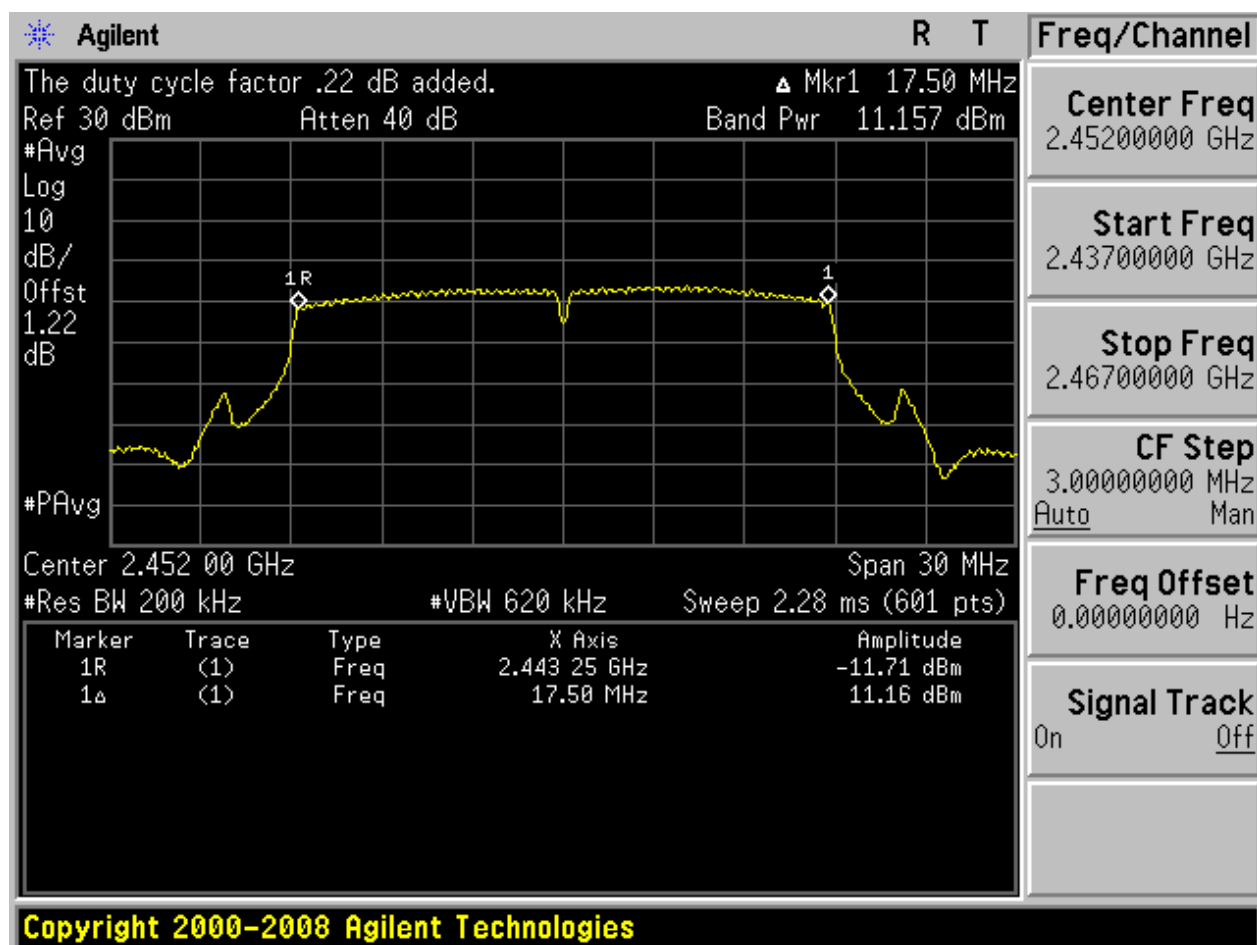


2.16 11N20_M@Ant 2



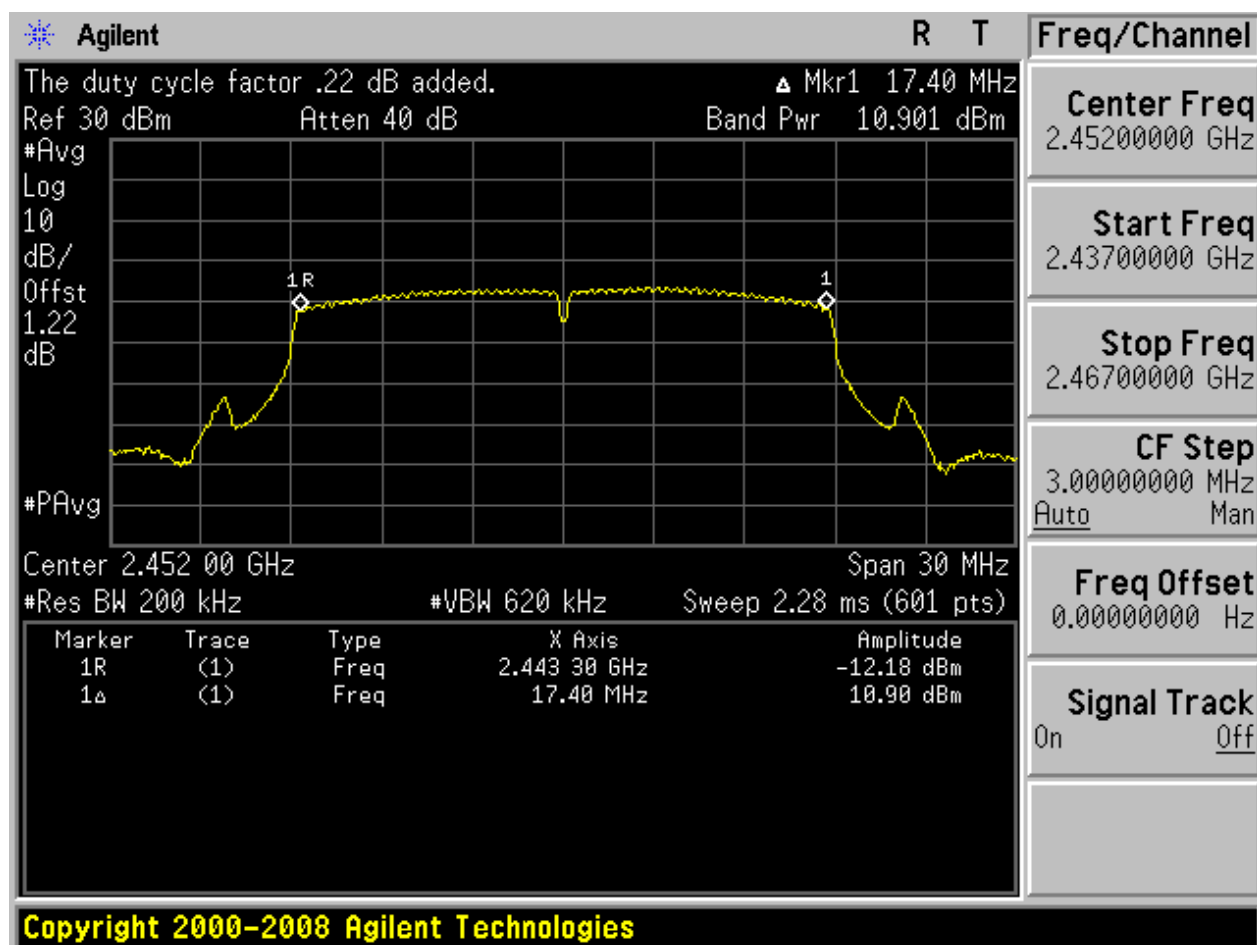


2.17 11N20_H@Ant 1



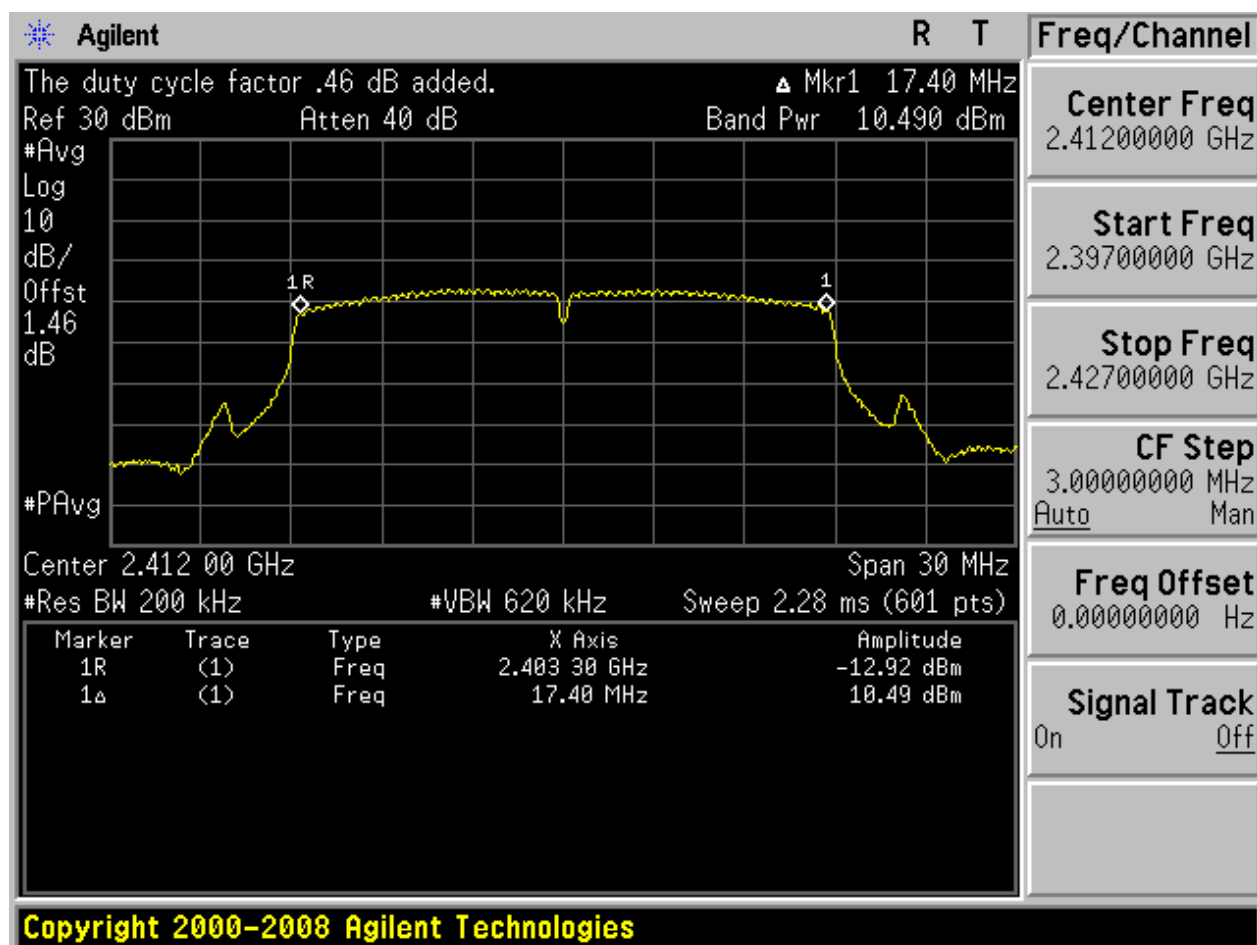


2.18 11N20_H@Ant 2



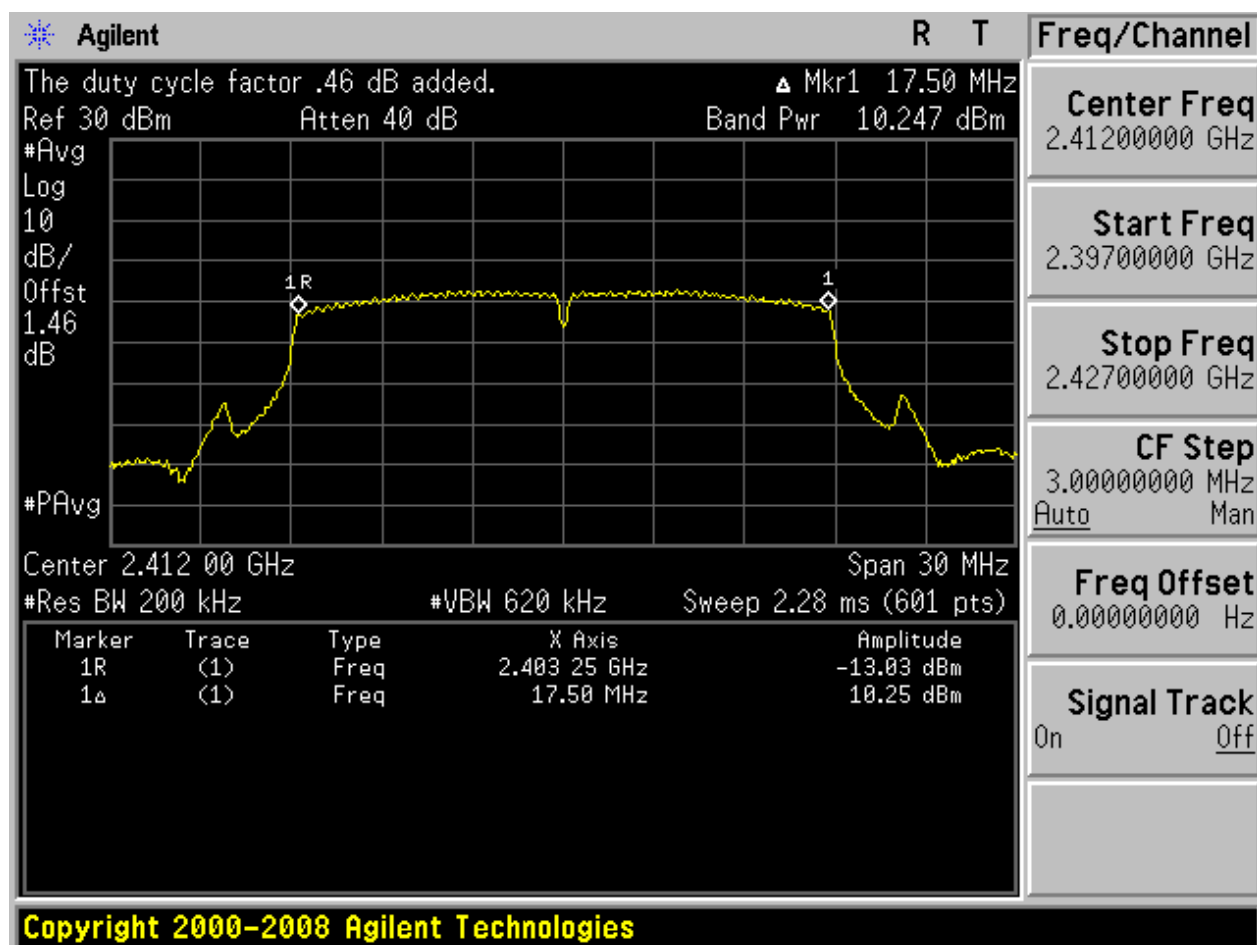


2.19 11N20m_L@Ant 1



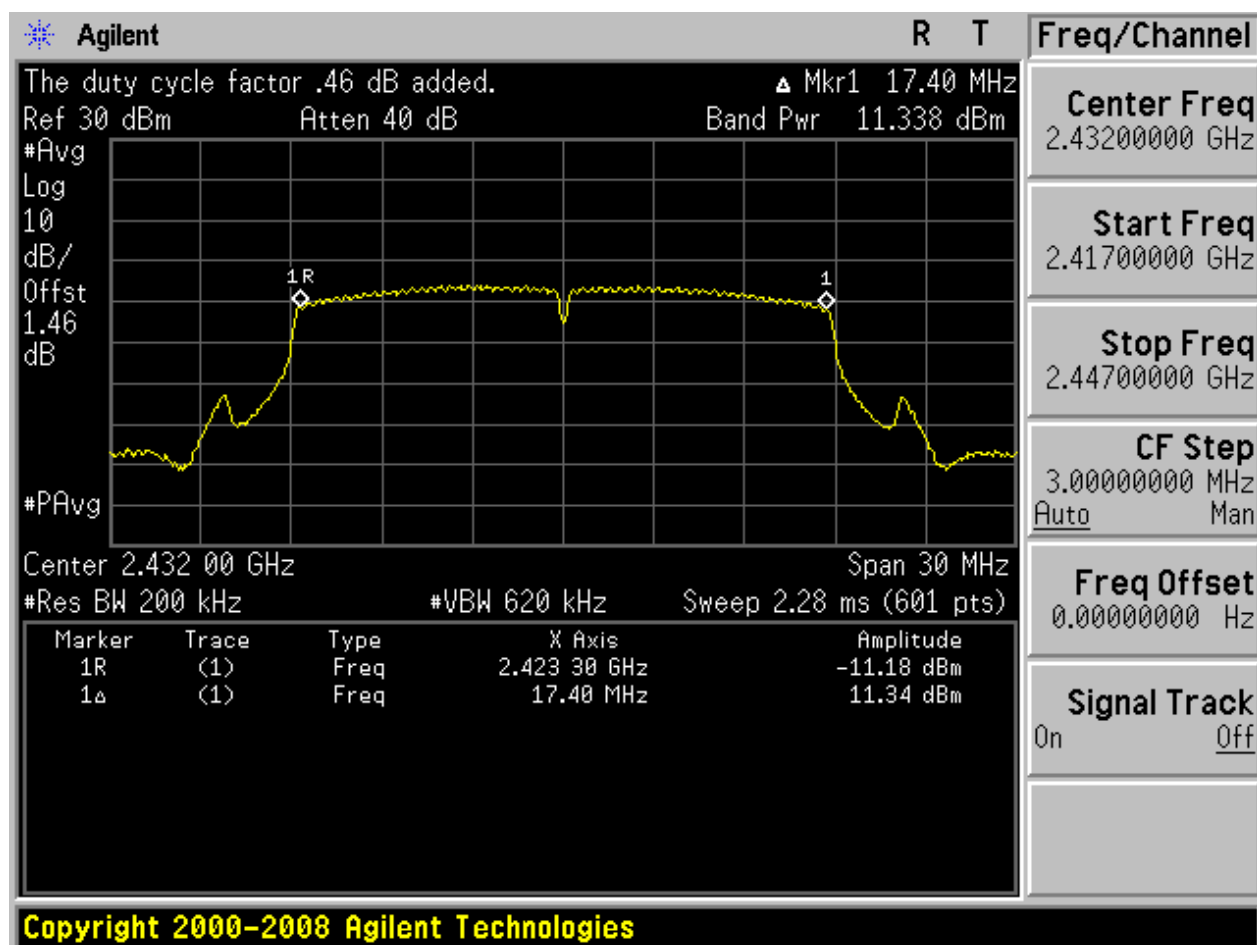


2.20 11N20m_L@Ant 2



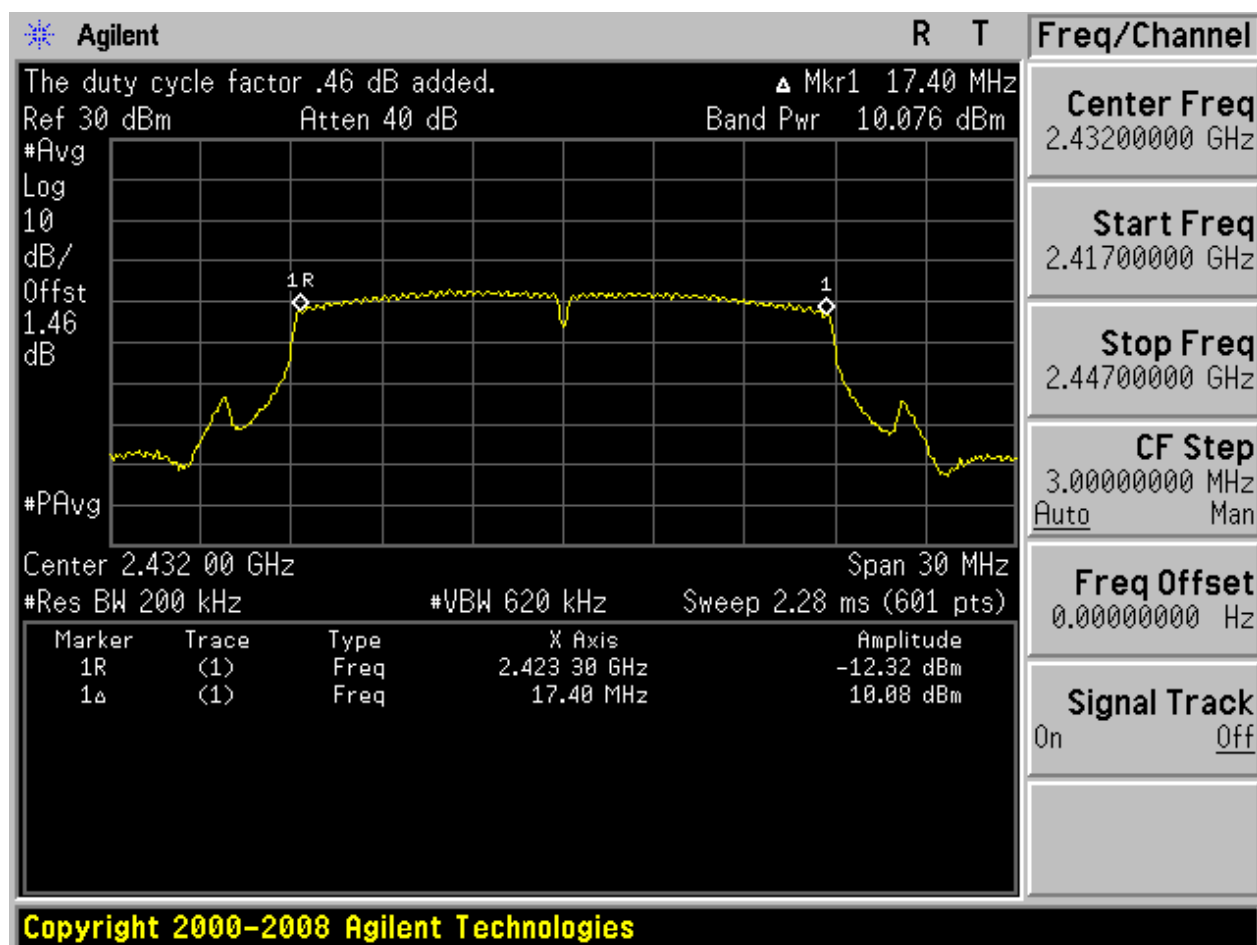


2.21 11N20m_M@Ant 1



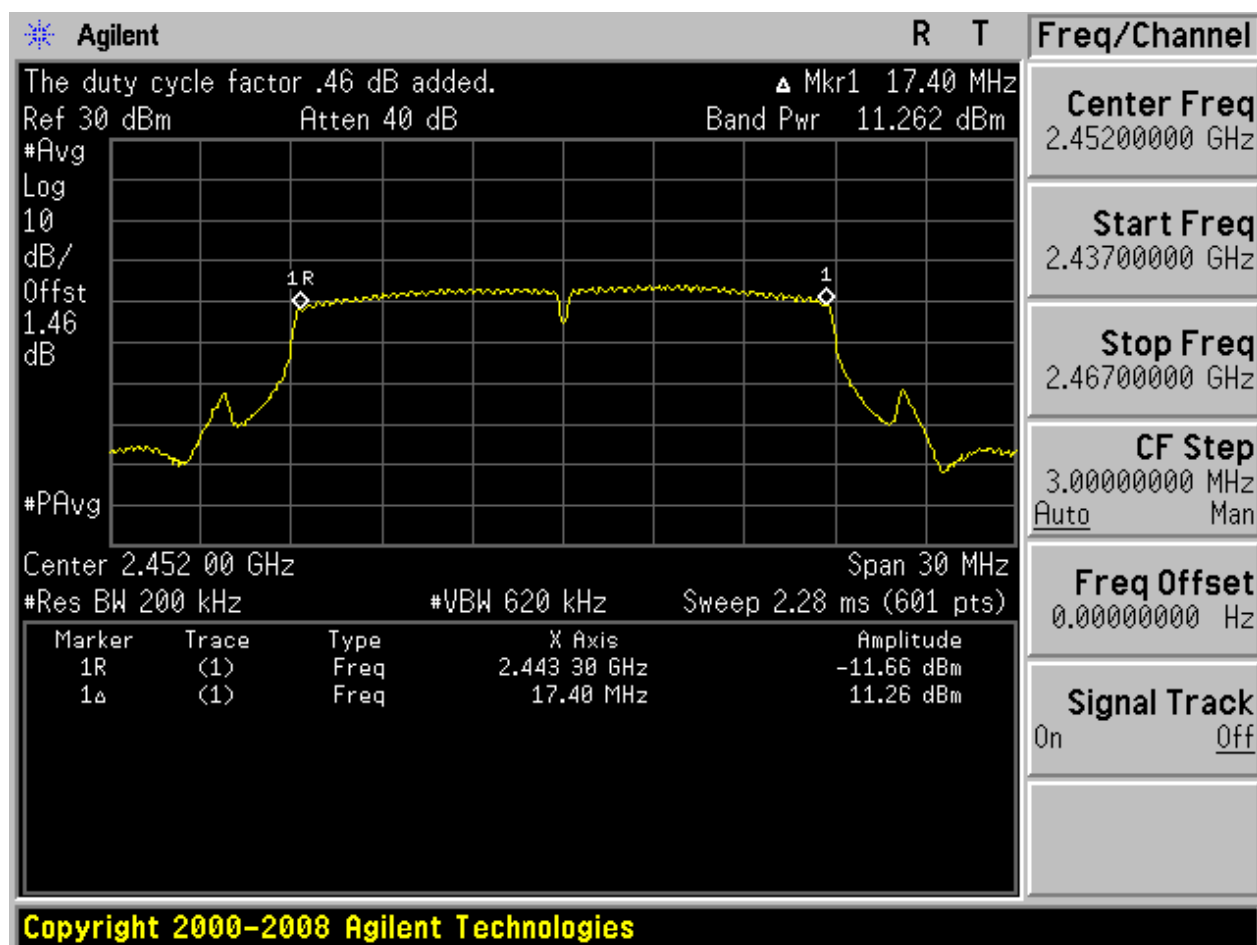


2.22 11N20m_M@Ant 2



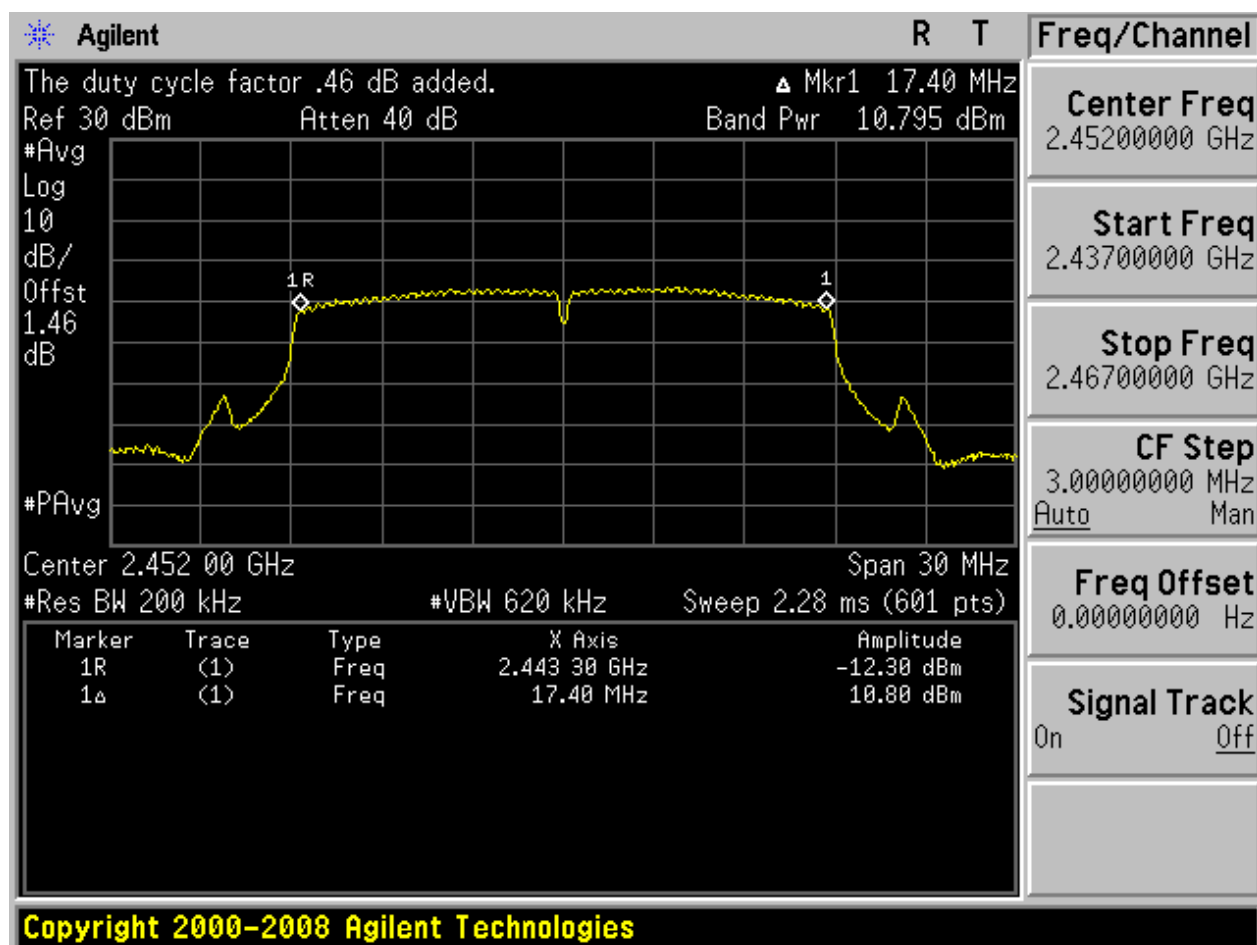


2.23 11N20m_H@Ant 1



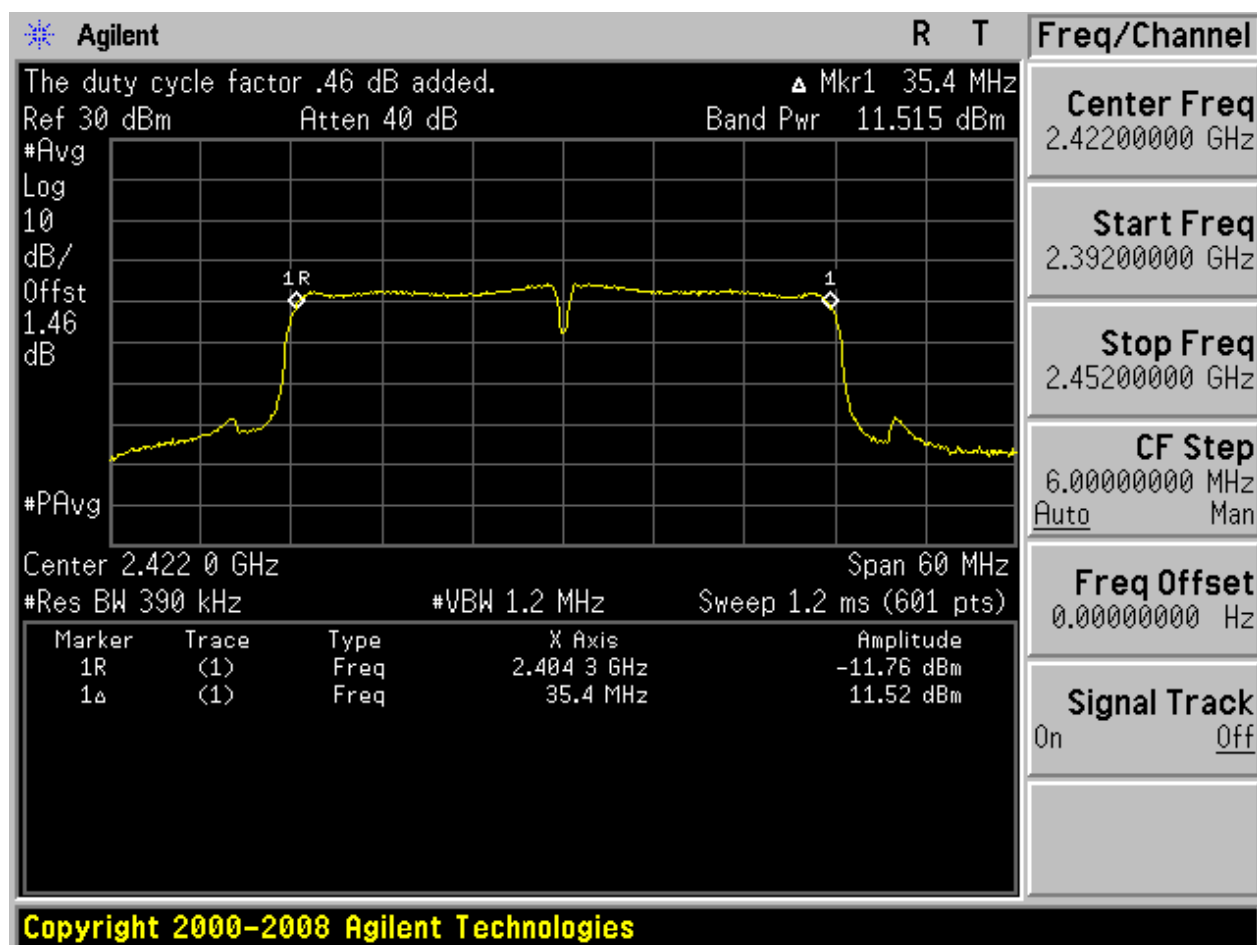


2.24 11N20m_H@Ant 2



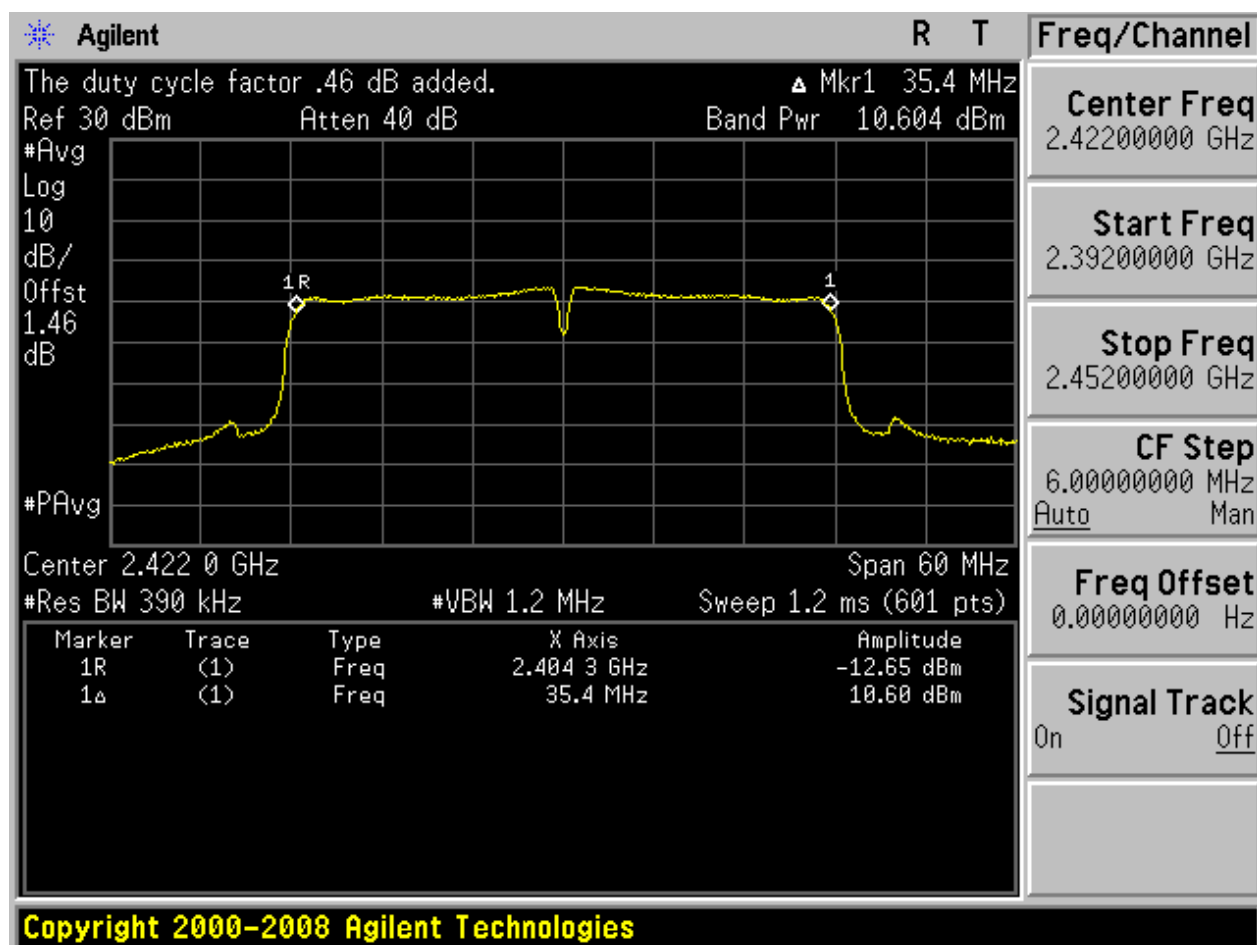


2.25 11N40_L@Ant 1



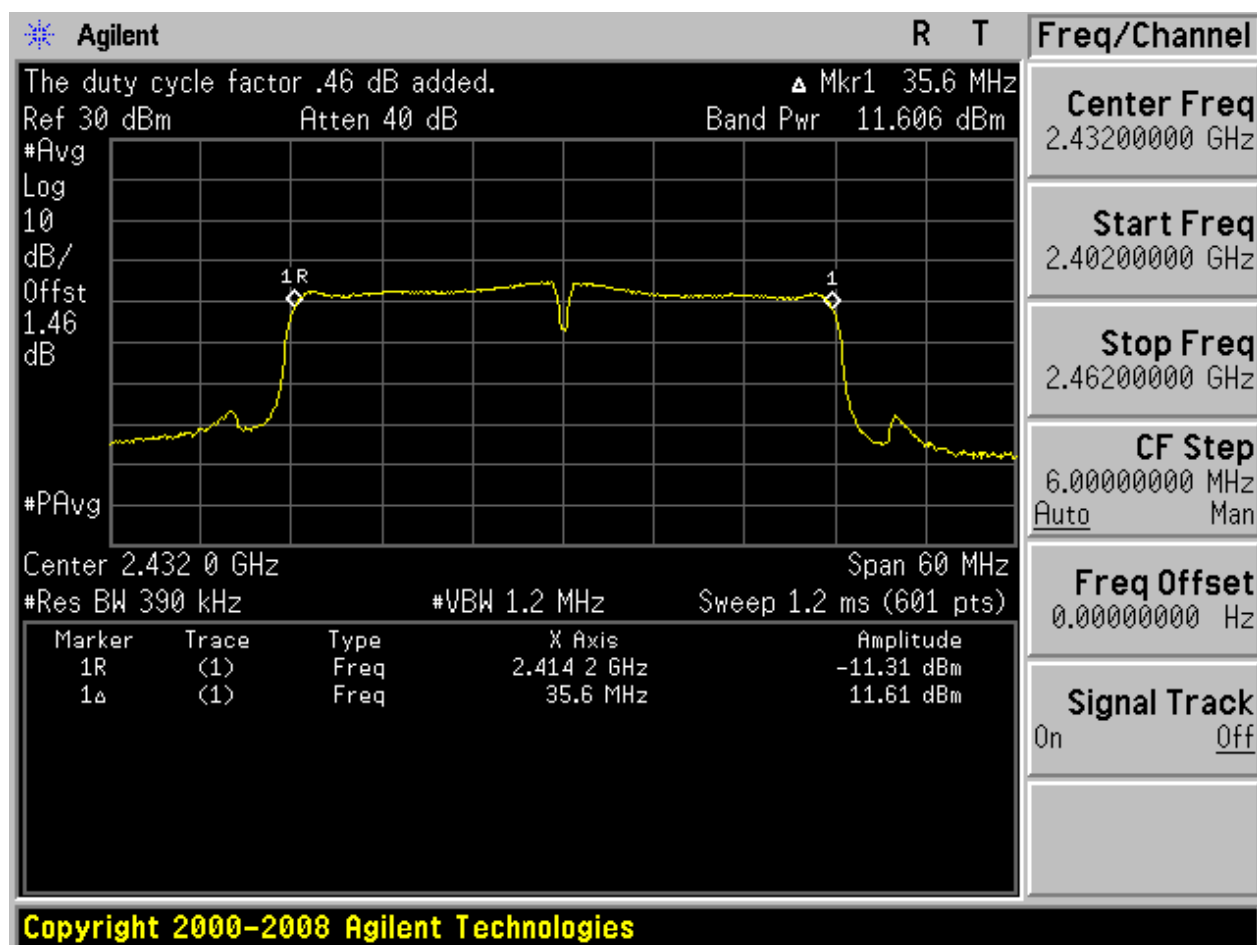


2.26 11N40_L@Ant 2



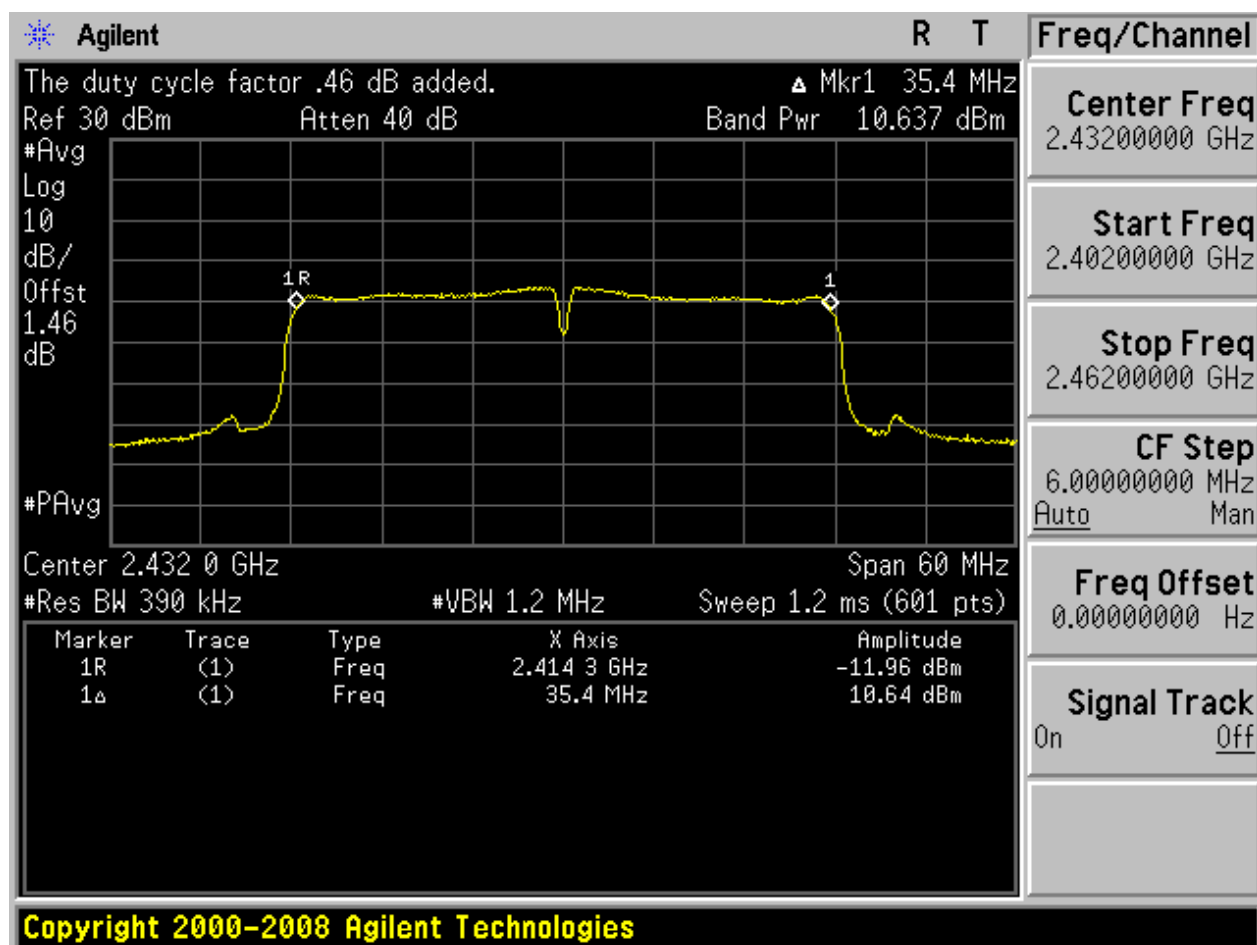


2.27 11N40_M@Ant 1



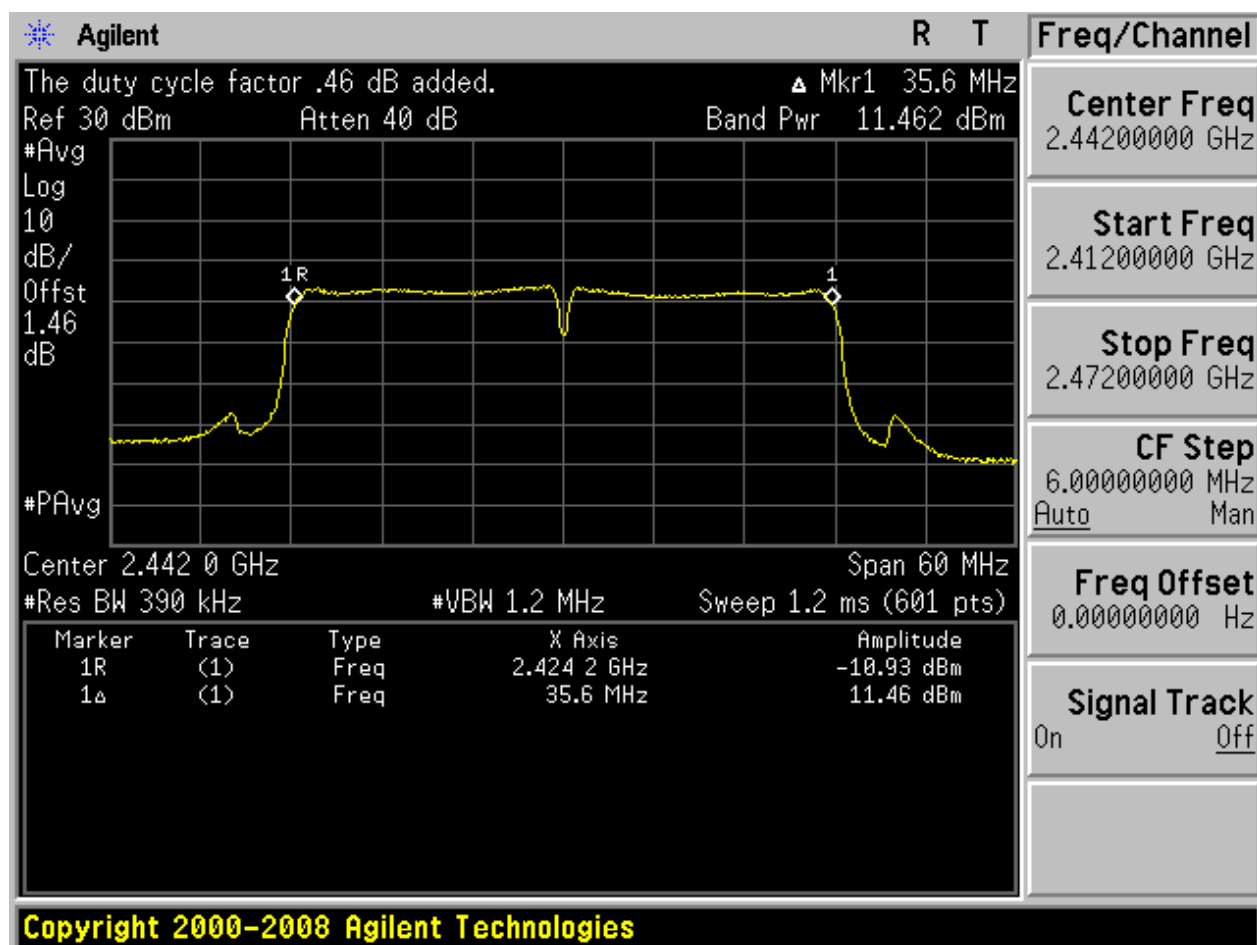


2.28 11N40_M@Ant 2



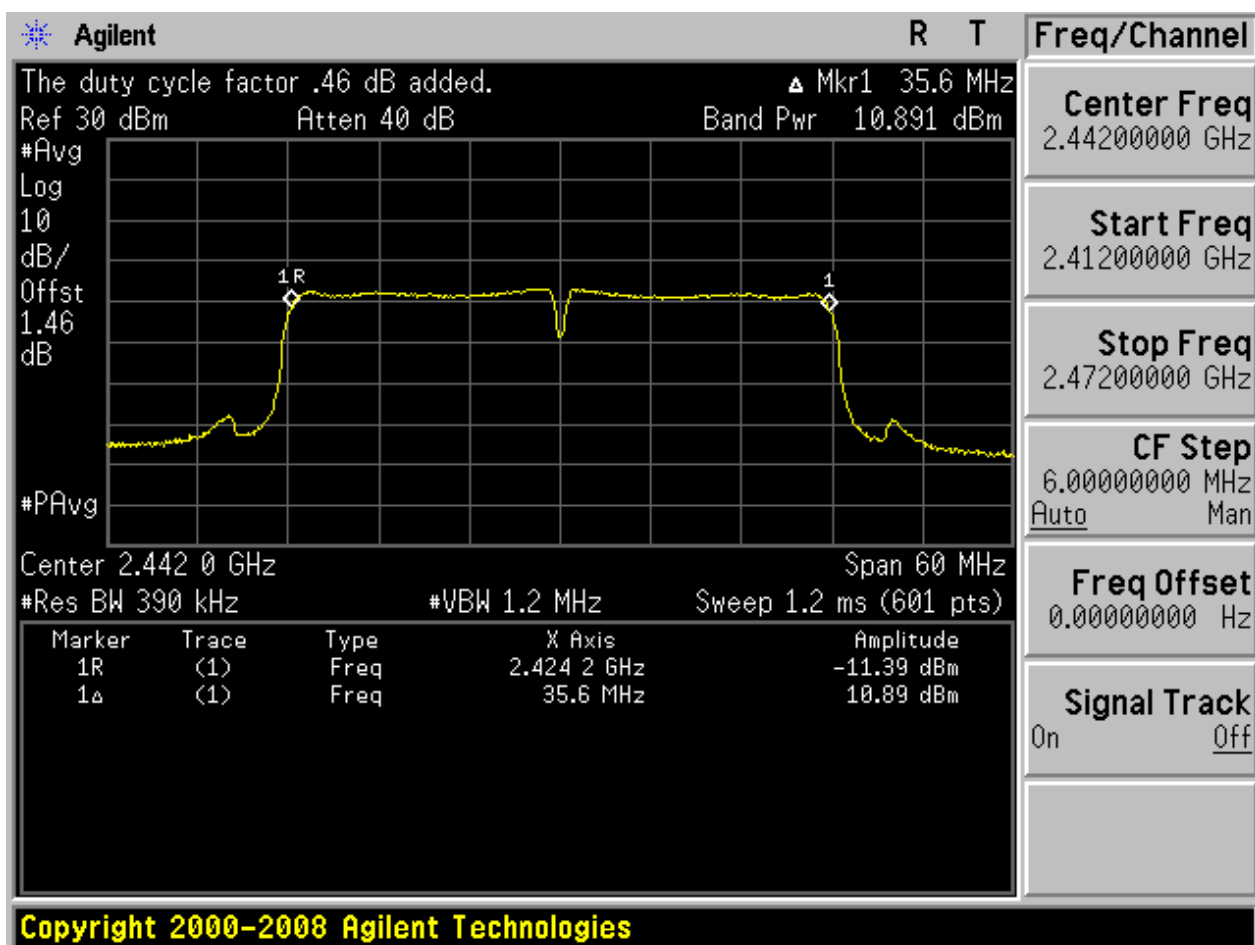


2.29 11N40_H@Ant 1



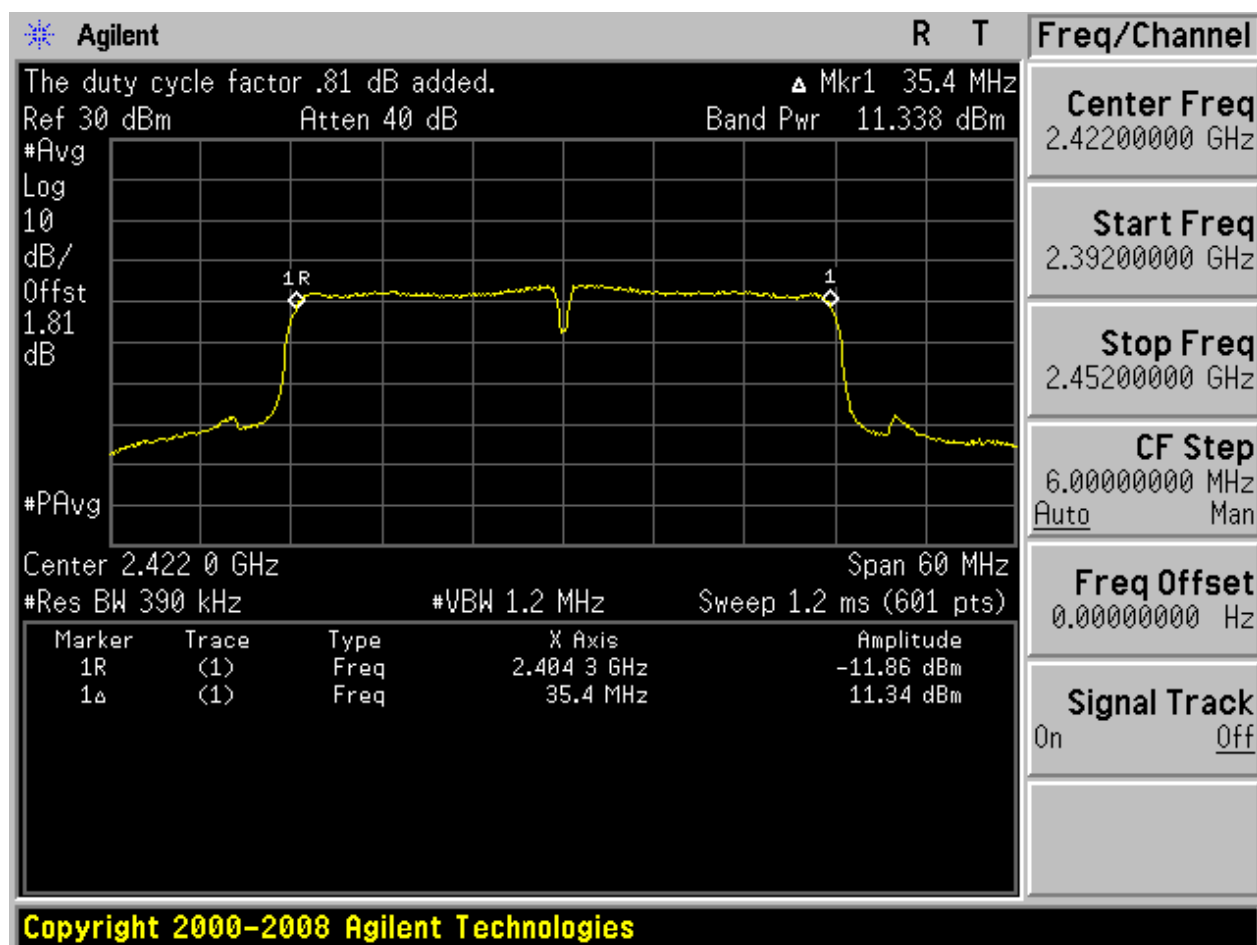


2.30 11N40_H@Ant 2



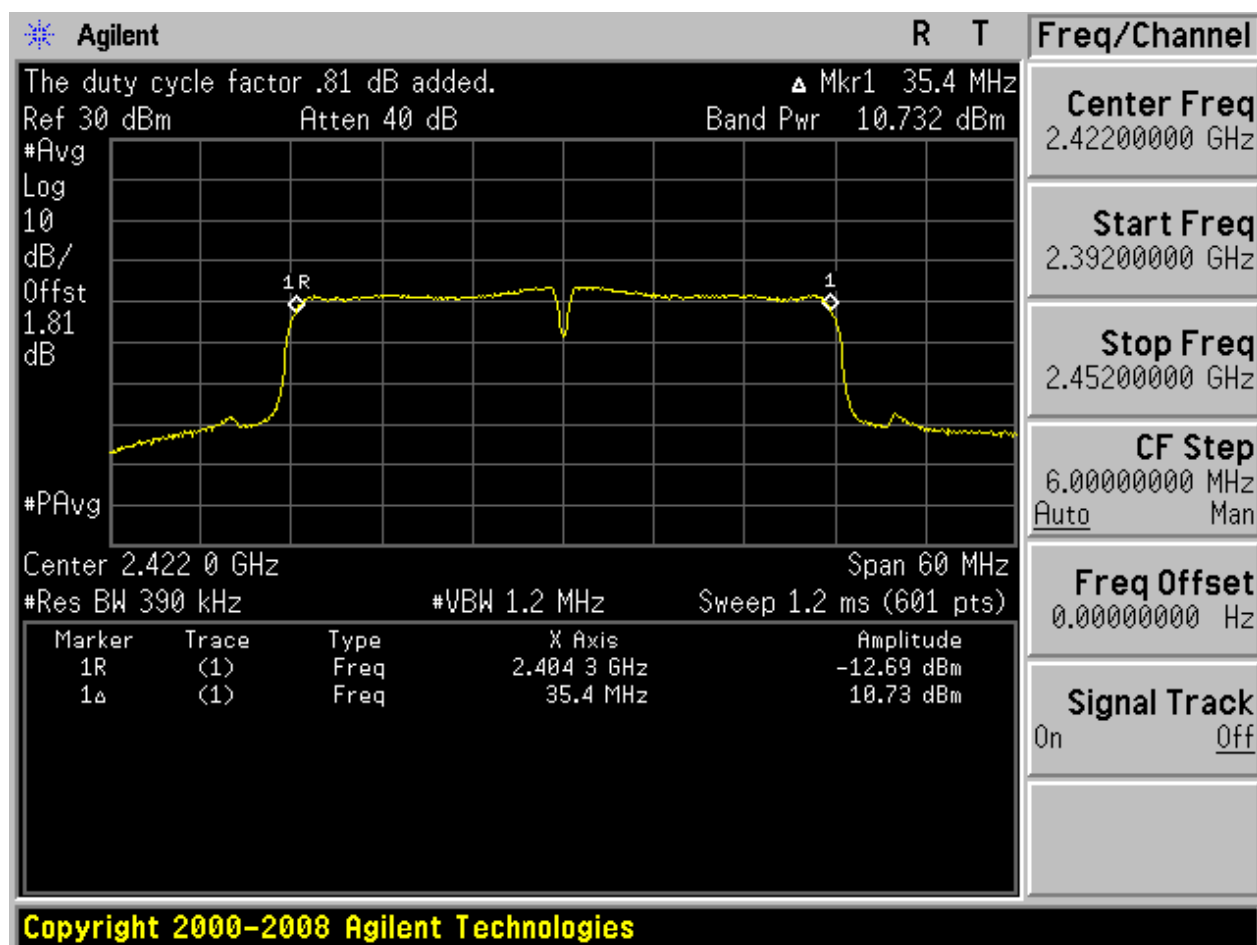


2.31 11N40m_L@Ant 1



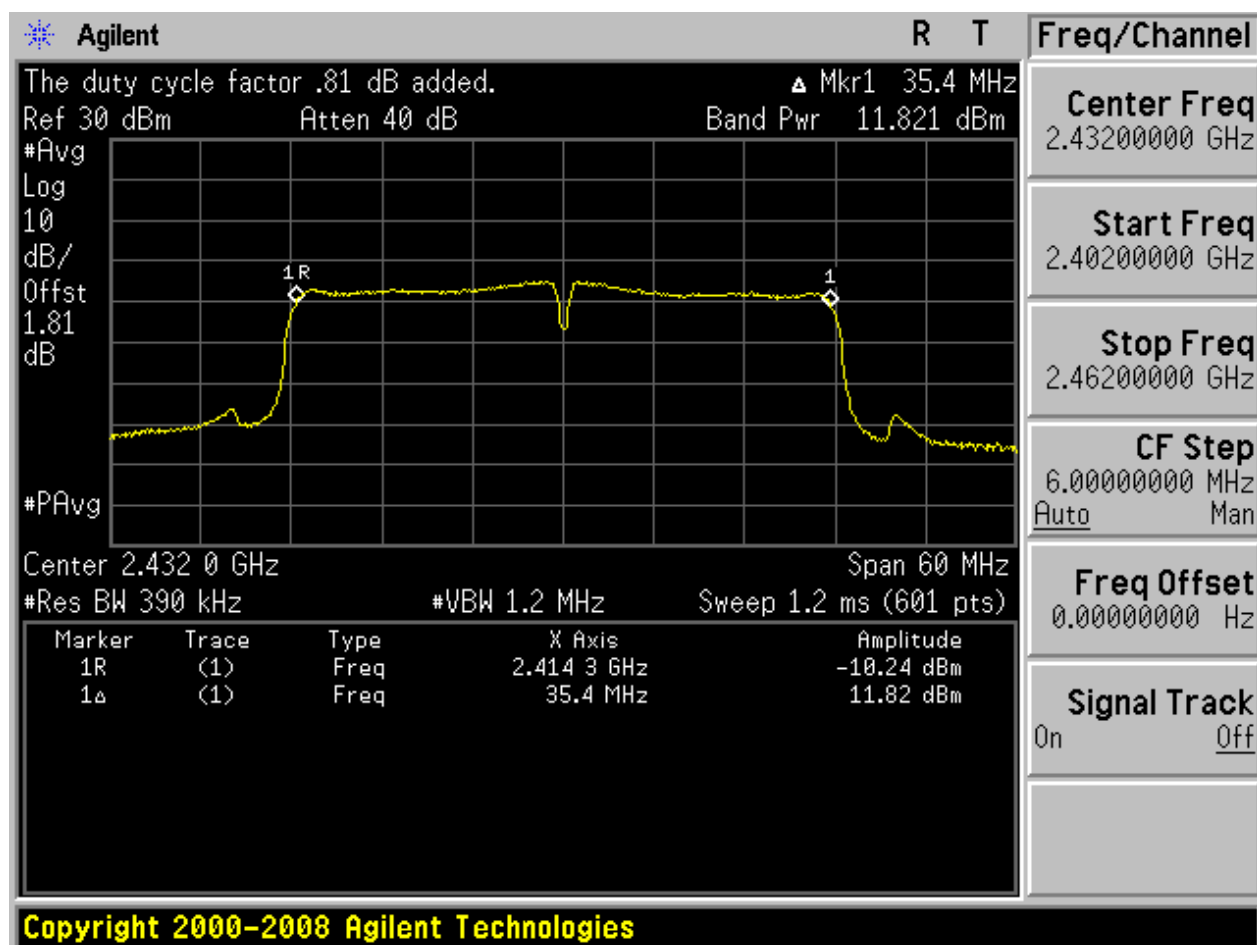


2.32 11N40m_L@Ant 2



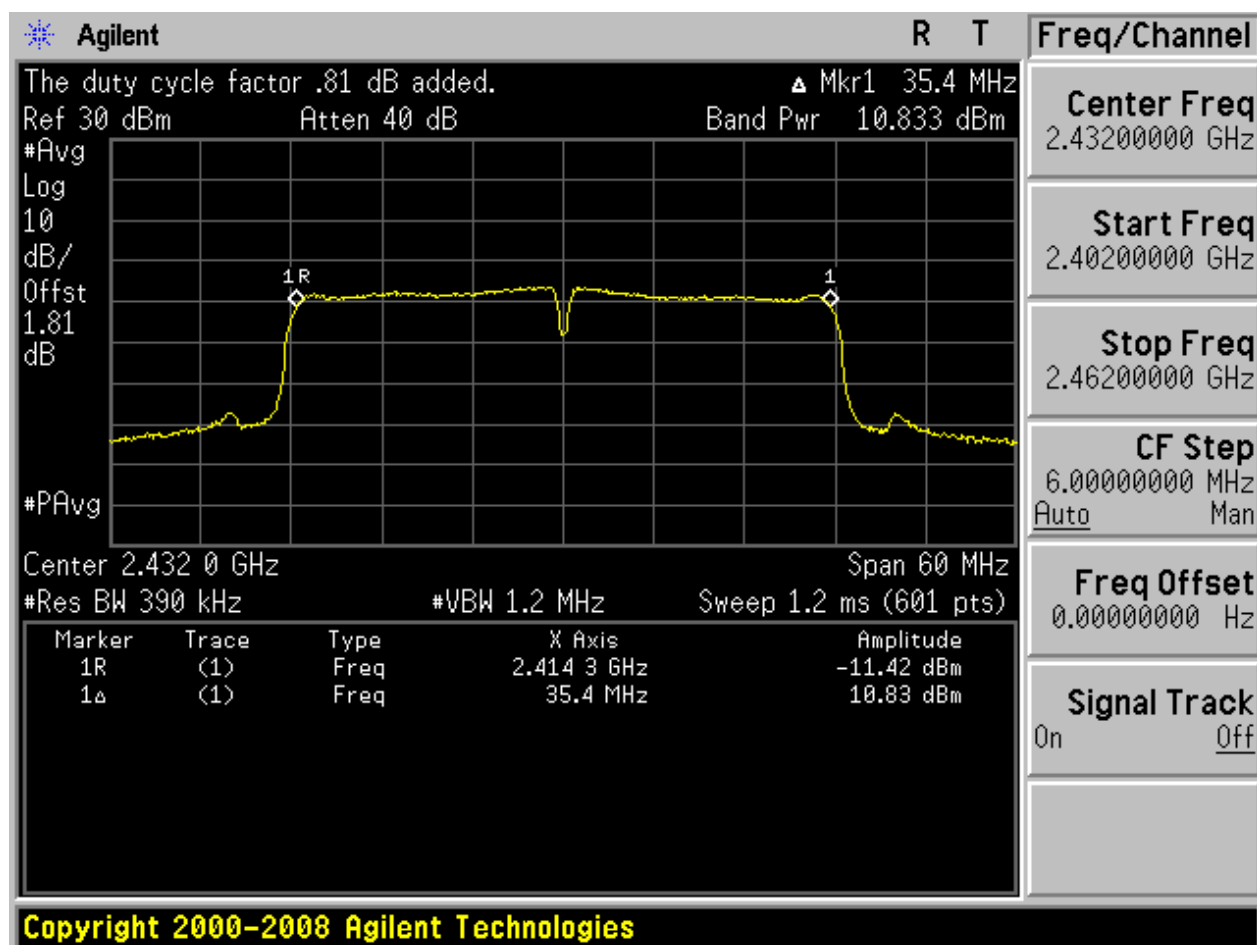


2.33 11N40m_M@Ant 1



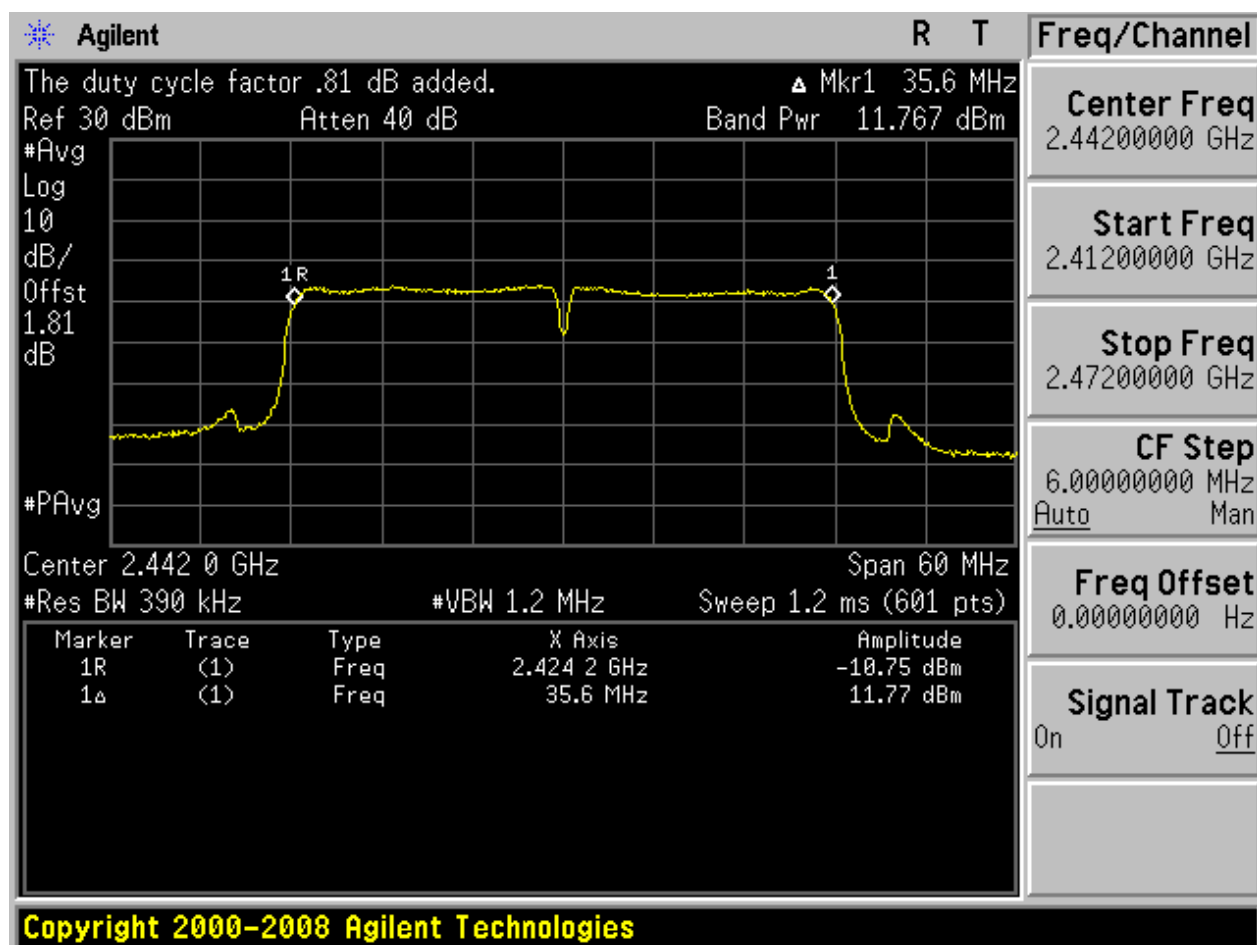


2.34 11N40m_M@Ant 2



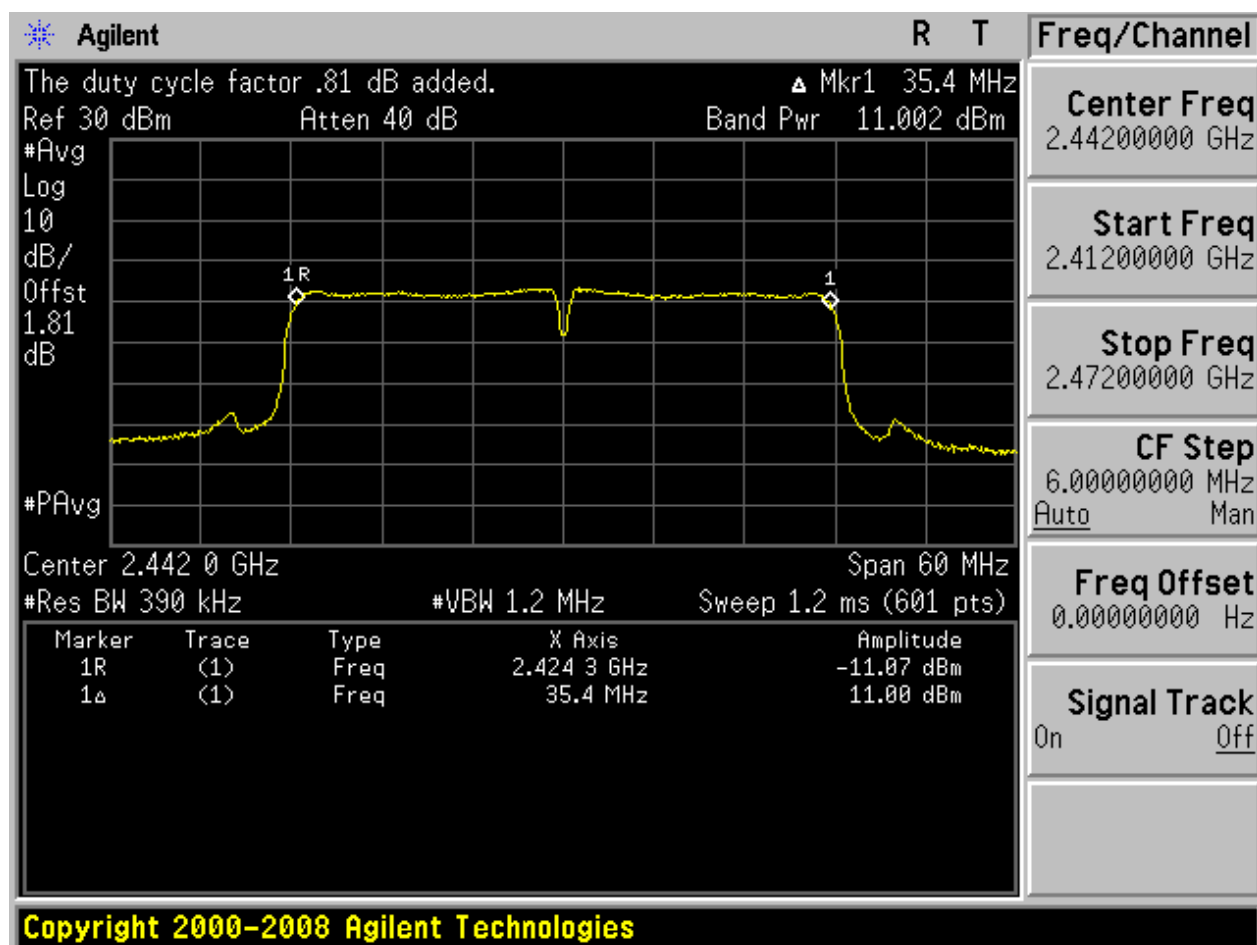


2.35 11N40m_H@Ant 1





2.36 11N40m_H@Ant 2



Appendix D: Maximum Power Spectral Density Level

Part I - Test Results

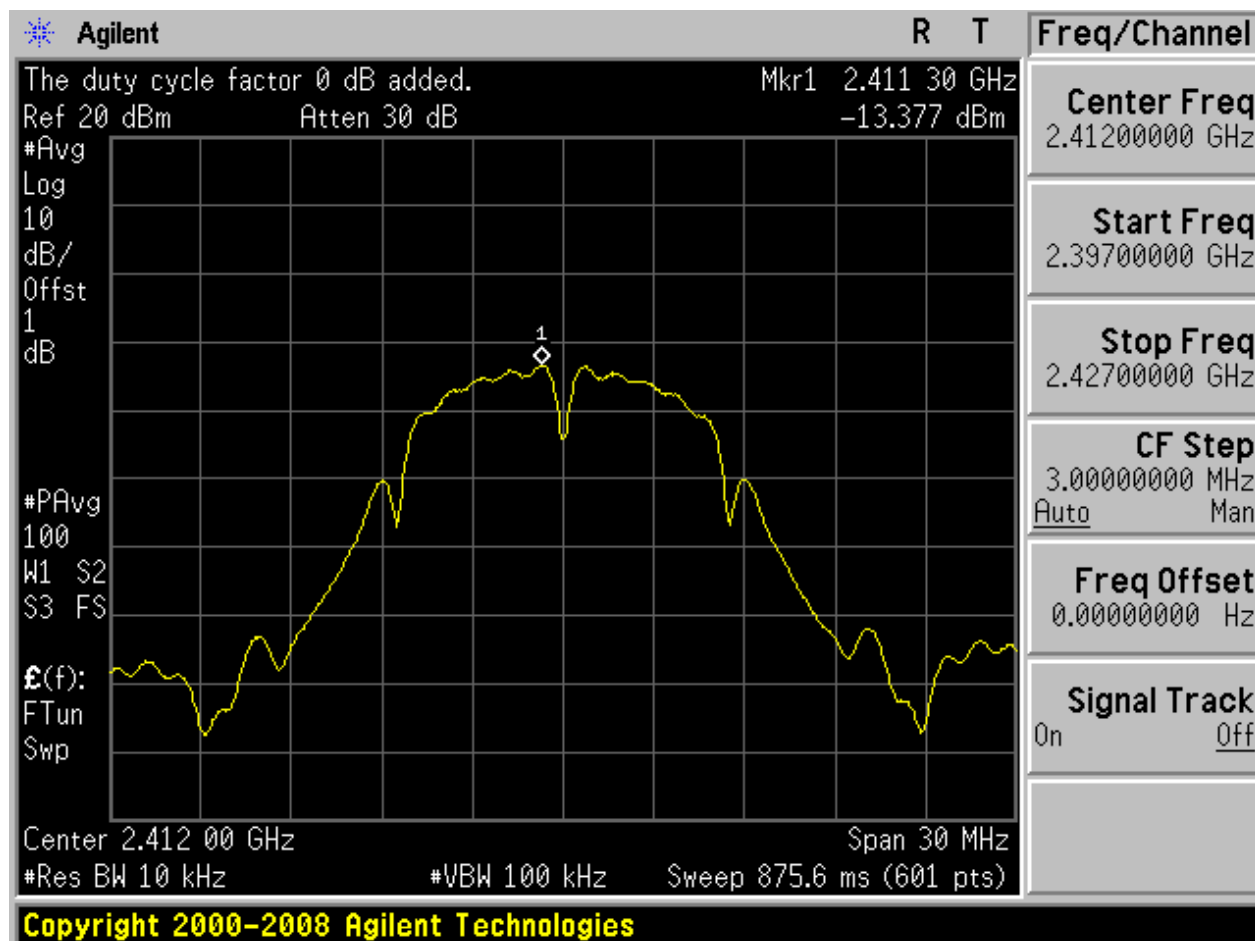
Test Mode	Test Channel	Frequency[MHz]	Ant	PD[MHz]	Verdict
11B	L	2412	Ant 1	-13.38	pass
11B	L	2412	Ant 2	-14.28	pass
11B	M	2432	Ant 1	-12.80	pass
11B	M	2432	Ant 2	-14.25	pass
11B	H	2452	Ant 1	-12.97	pass
11B	H	2452	Ant 2	-13.33	pass
11G	L	2412	Ant 1	-18.92	pass
11G	L	2412	Ant 2	-19.30	pass
11G	M	2432	Ant 1	-17.93	pass
11G	M	2432	Ant 2	-19.11	pass
11G	H	2452	Ant 1	-18.02	pass
11G	H	2452	Ant 2	-18.42	pass
11N20	L	2412	Ant 1	-18.70	pass
11N20	L	2412	Ant 2	-19.18	pass
11N20	M	2432	Ant 1	-17.97	pass
11N20	M	2432	Ant 2	-19.03	pass
11N20	H	2452	Ant 1	-18.05	pass
11N20	H	2452	Ant 2	-18.33	pass
11N20m	L	2412	Ant 1	-18.72	pass
11N20m	L	2412	Ant 2	-19.01	pass
11N20m	L	2412	Ant sum	-15.85	pass
11N20m	M	2432	Ant 1	-17.75	pass
11N20m	M	2432	Ant 2	-18.82	pass
11N20m	M	2432	Ant sum	-15.24	pass
11N20m	H	2452	Ant 1	-17.95	pass
11N20m	H	2452	Ant 2	-18.29	pass
11N20m	H	2452	Ant sum	-15.11	pass
11N40	L	2422	Ant 1	-20.51	pass
11N40	L	2422	Ant 2	-21.36	pass
11N40	M	2432	Ant 1	-20.12	pass
11N40	M	2432	Ant 2	-21.24	pass
11N40	H	2442	Ant 1	-20.66	pass
11N40	H	2442	Ant 2	-21.68	pass
11N40m	L	2422	Ant 1	-20.58	pass
11N40m	L	2422	Ant 2	-21.16	pass
11N40m	L	2422	Ant sum	-17.85	pass



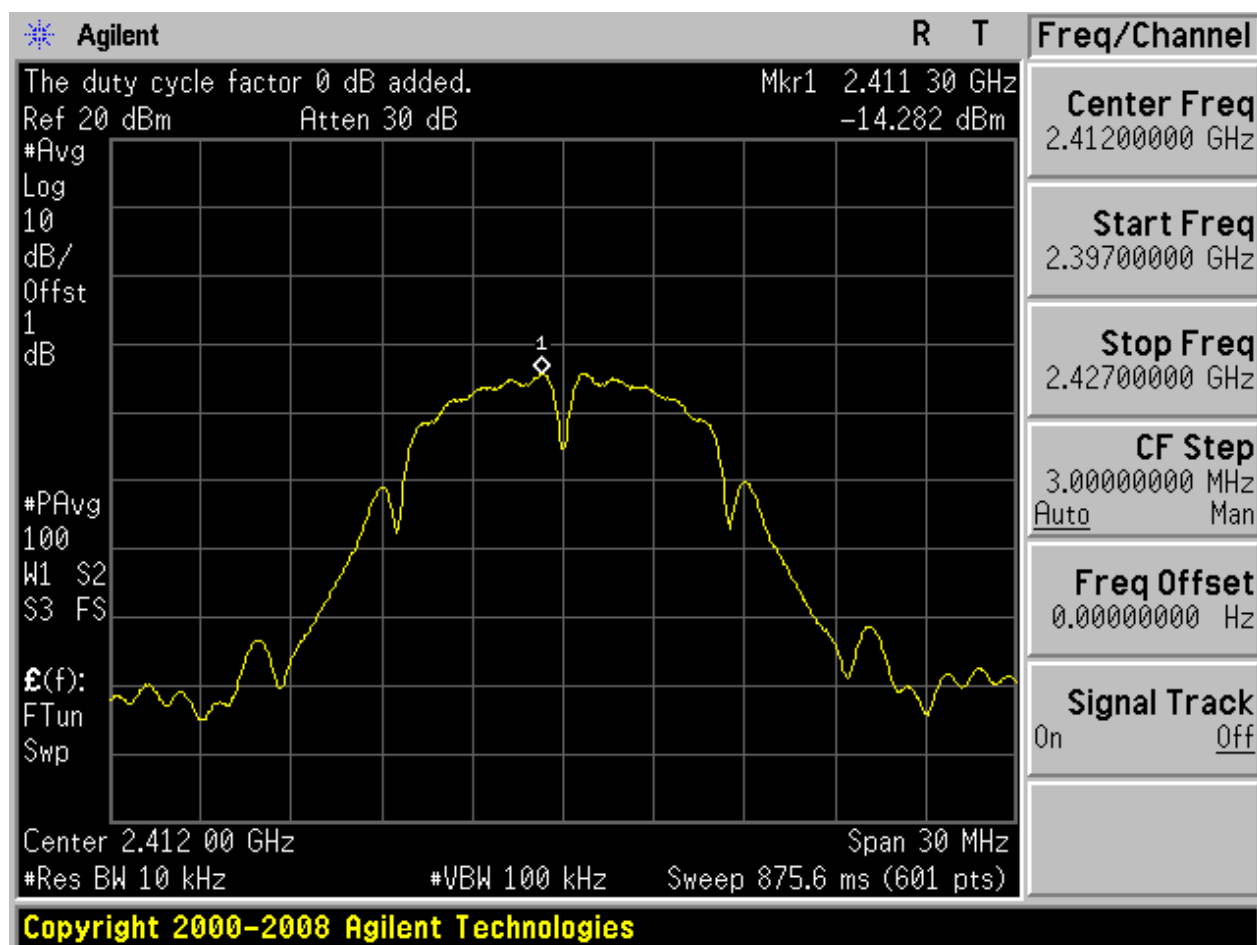
Test Mode	Test Channel	Frequency[MHz]	Ant	PD[MHz]	Verdict
11N40m	M	2432	Ant 1	-19.75	pass
11N40m	M	2432	Ant 2	-20.92	pass
11N40m	M	2432	Ant sum	-17.29	pass
11N40m	H	2442	Ant 1	-20.62	pass
11N40m	H	2442	Ant 2	-21.33	pass
11N40m	H	2442	Ant sum	-17.95	pass

Part II - Test Plots

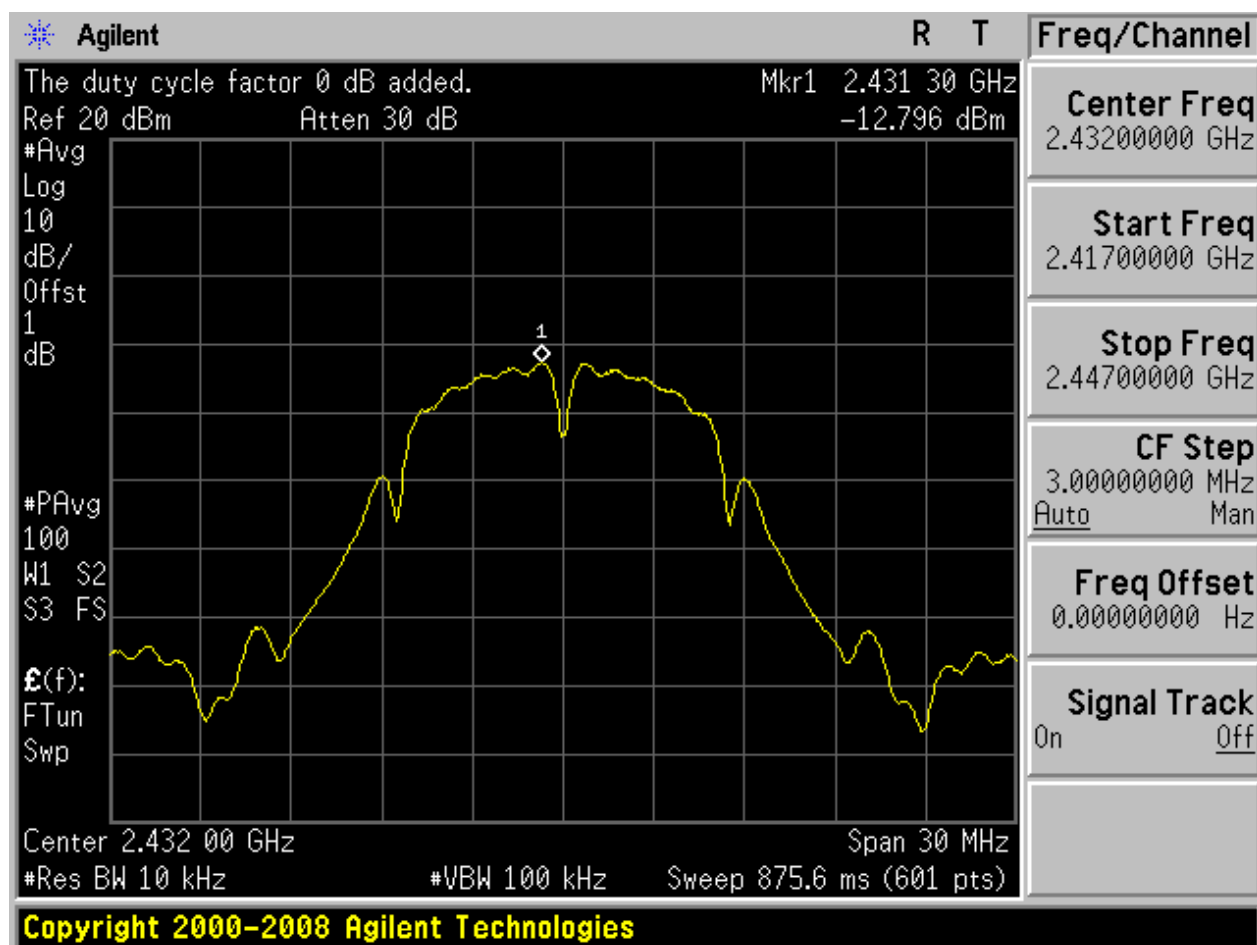
2.1 11B_L@Ant 1



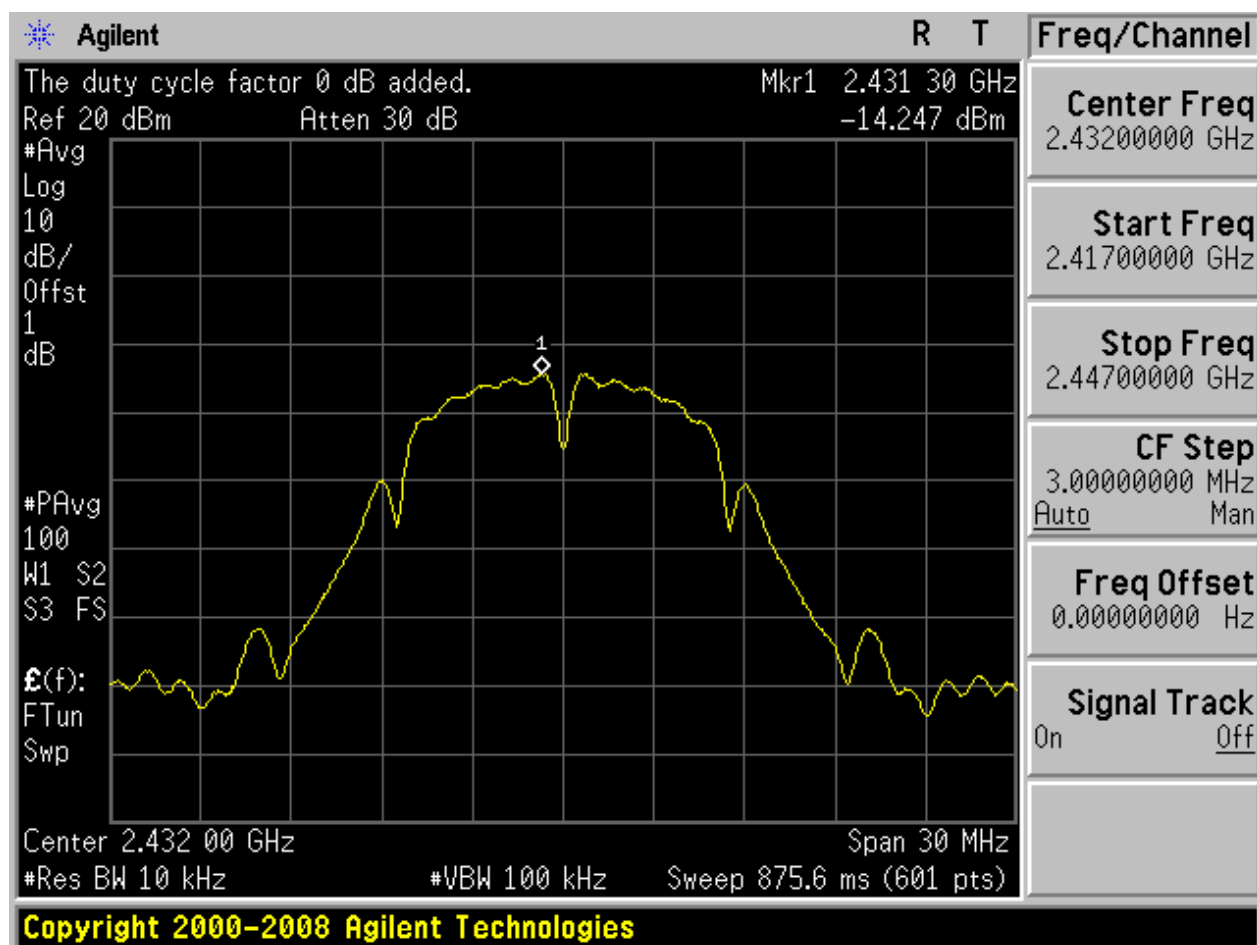
2.2 11B_L@Ant 2



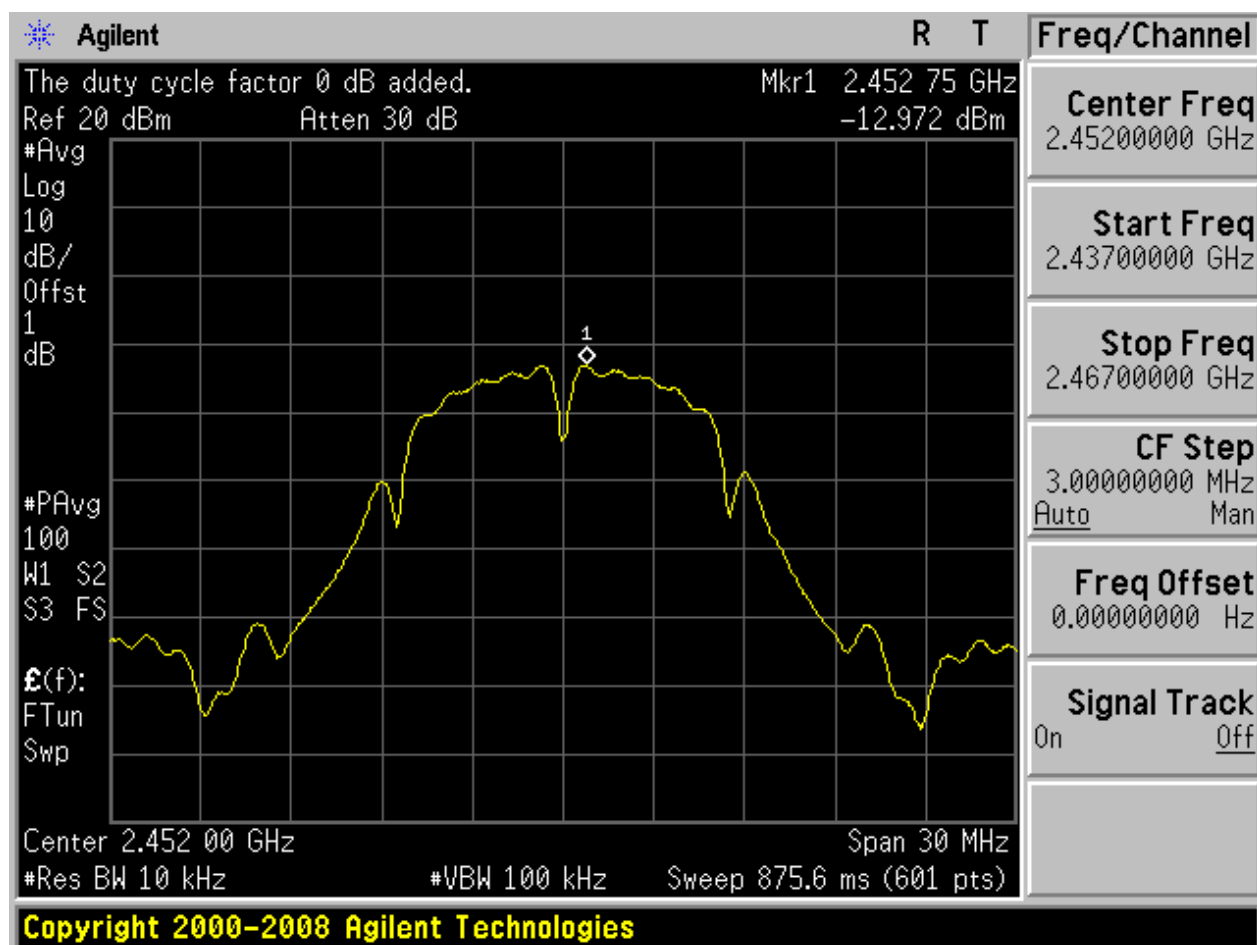
2.3 11B_M@Ant 1



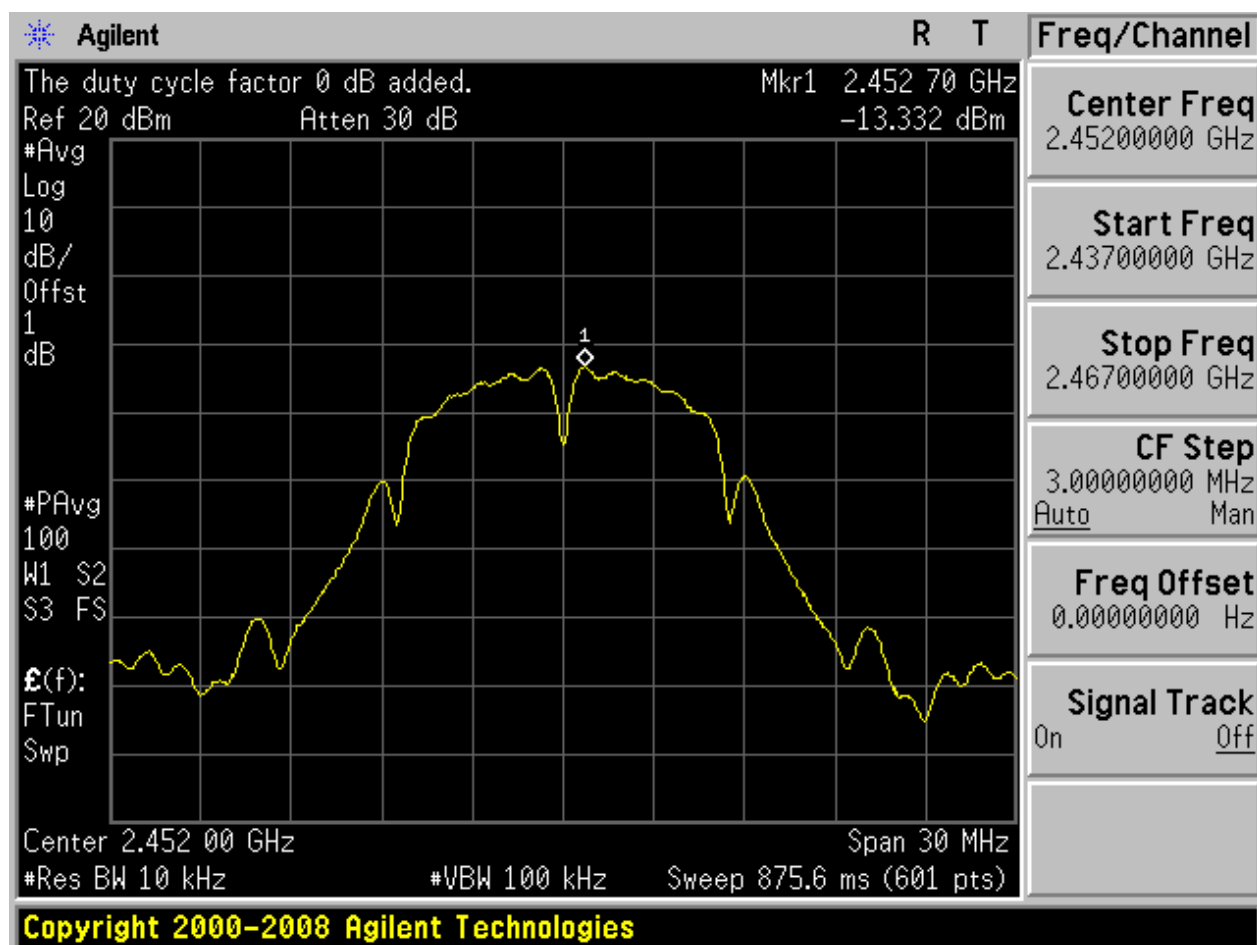
2.4 11B_M@Ant 2



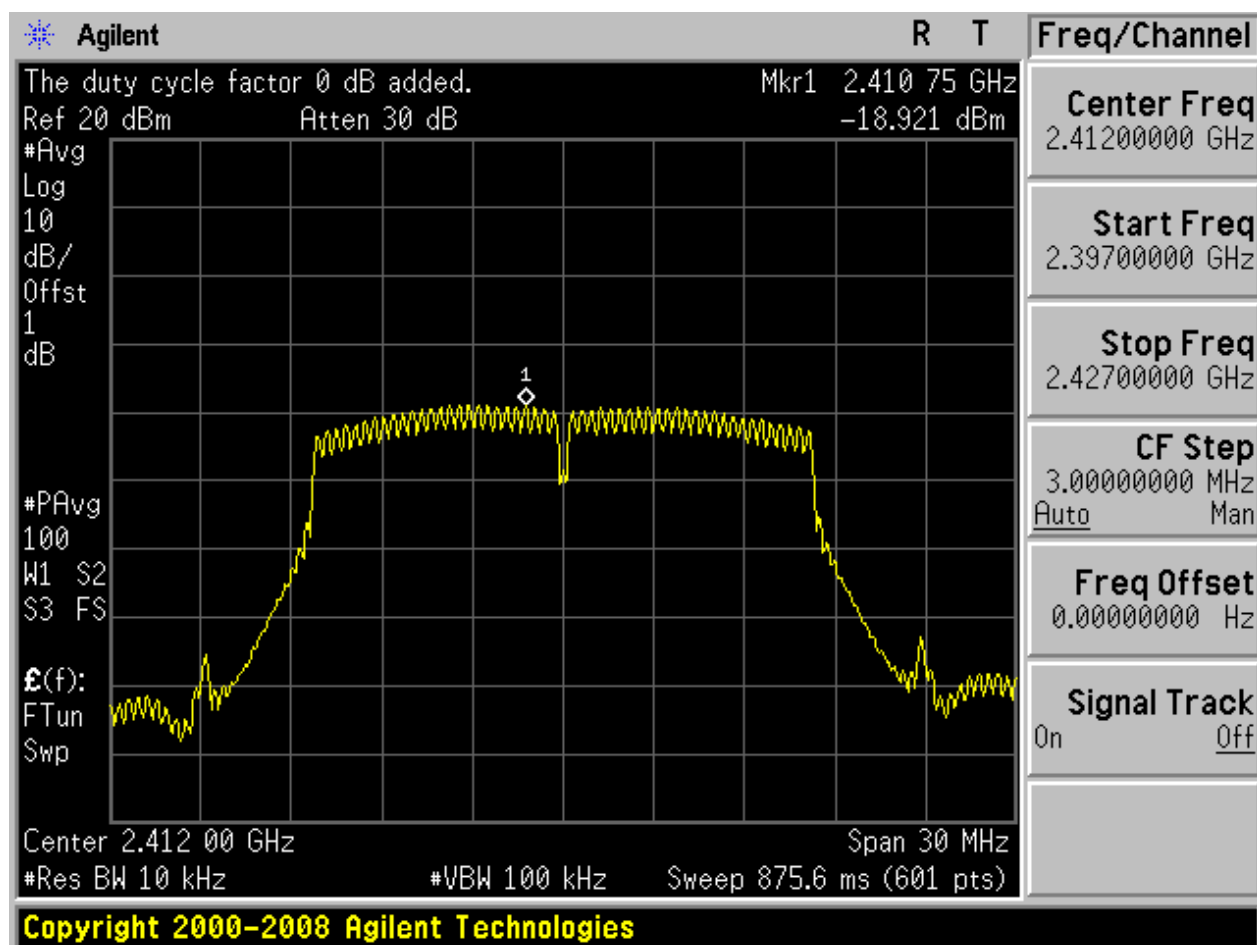
2.5 11B_H@Ant 1



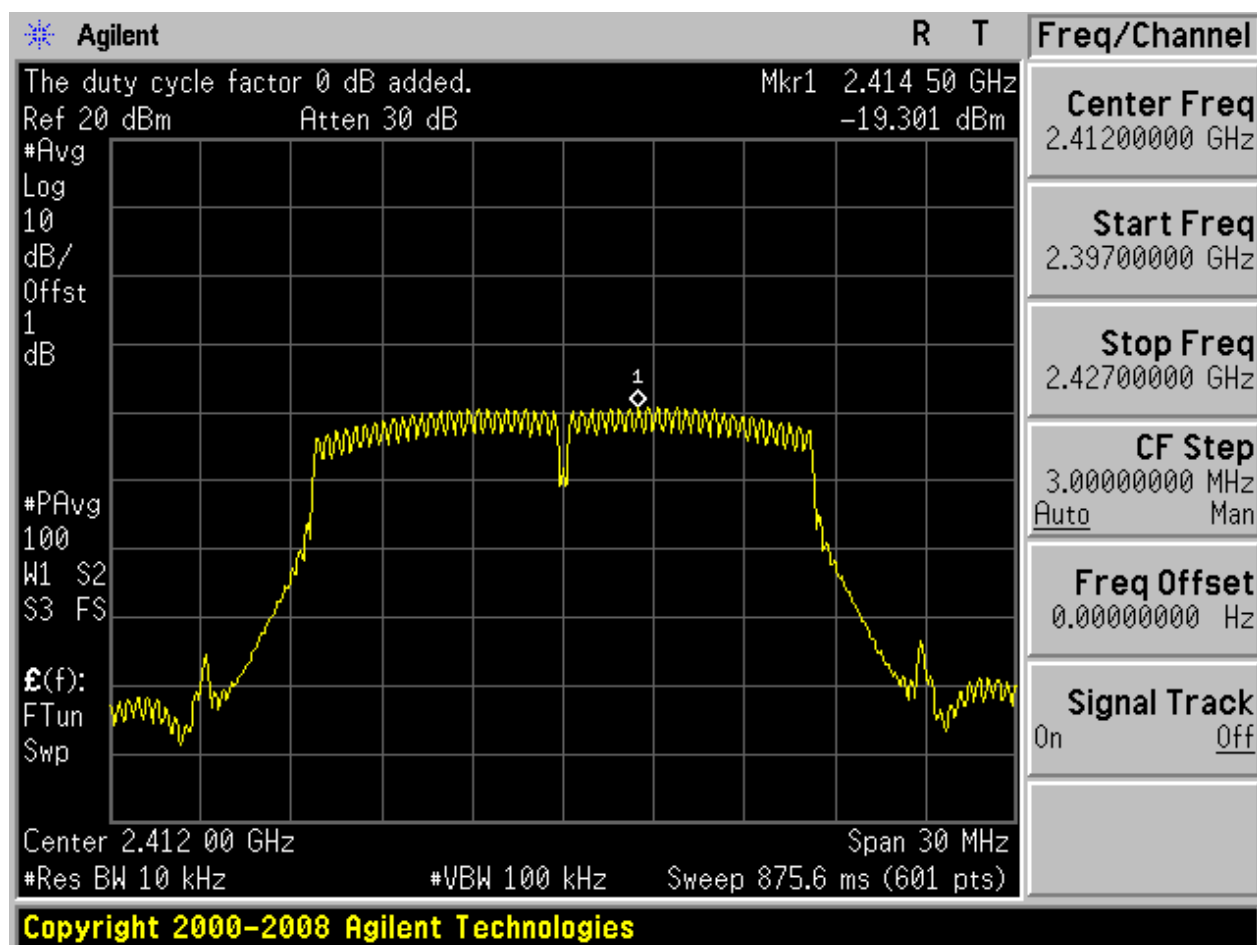
2.6 11B_H@Ant 2



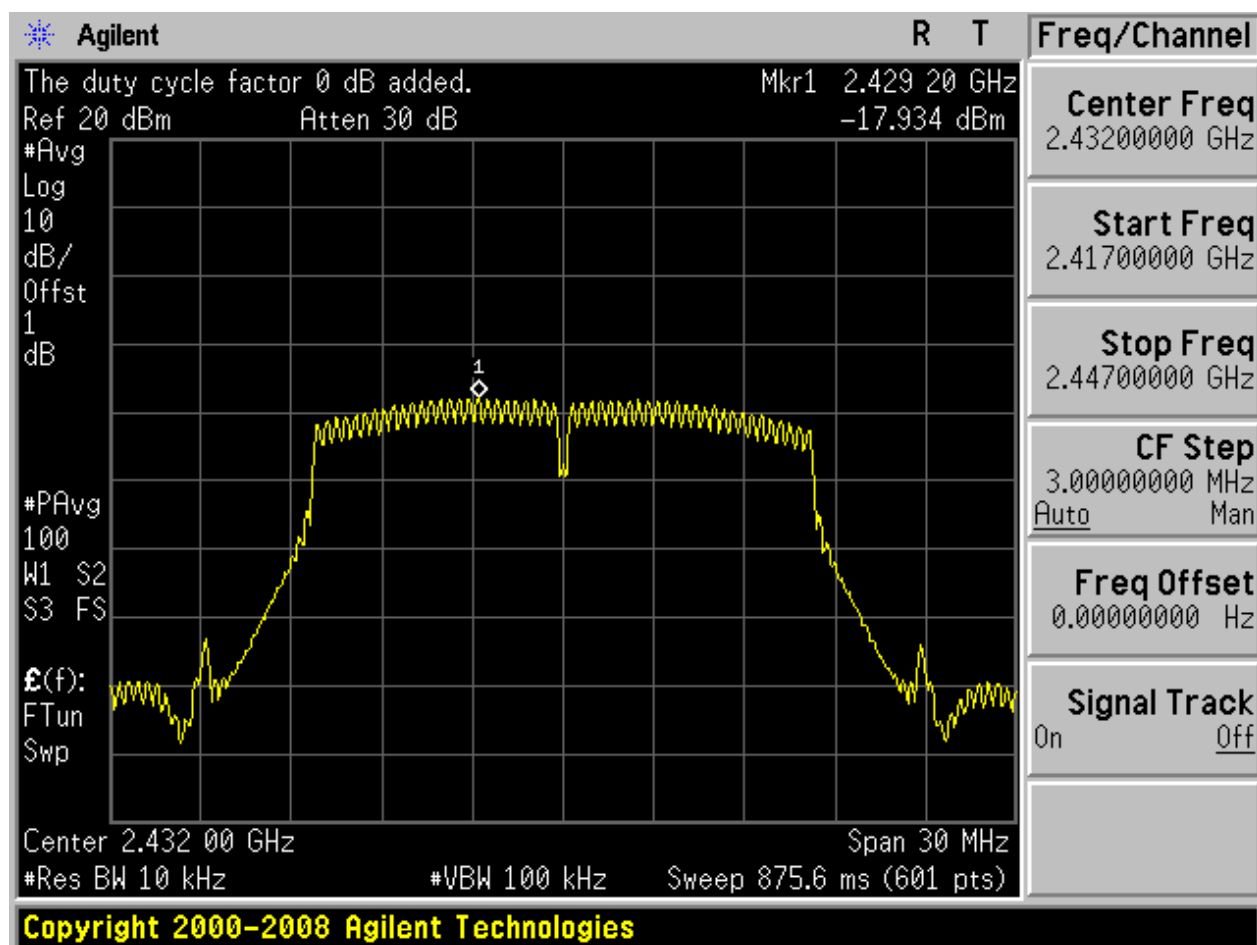
2.7 11G_L@Ant 1



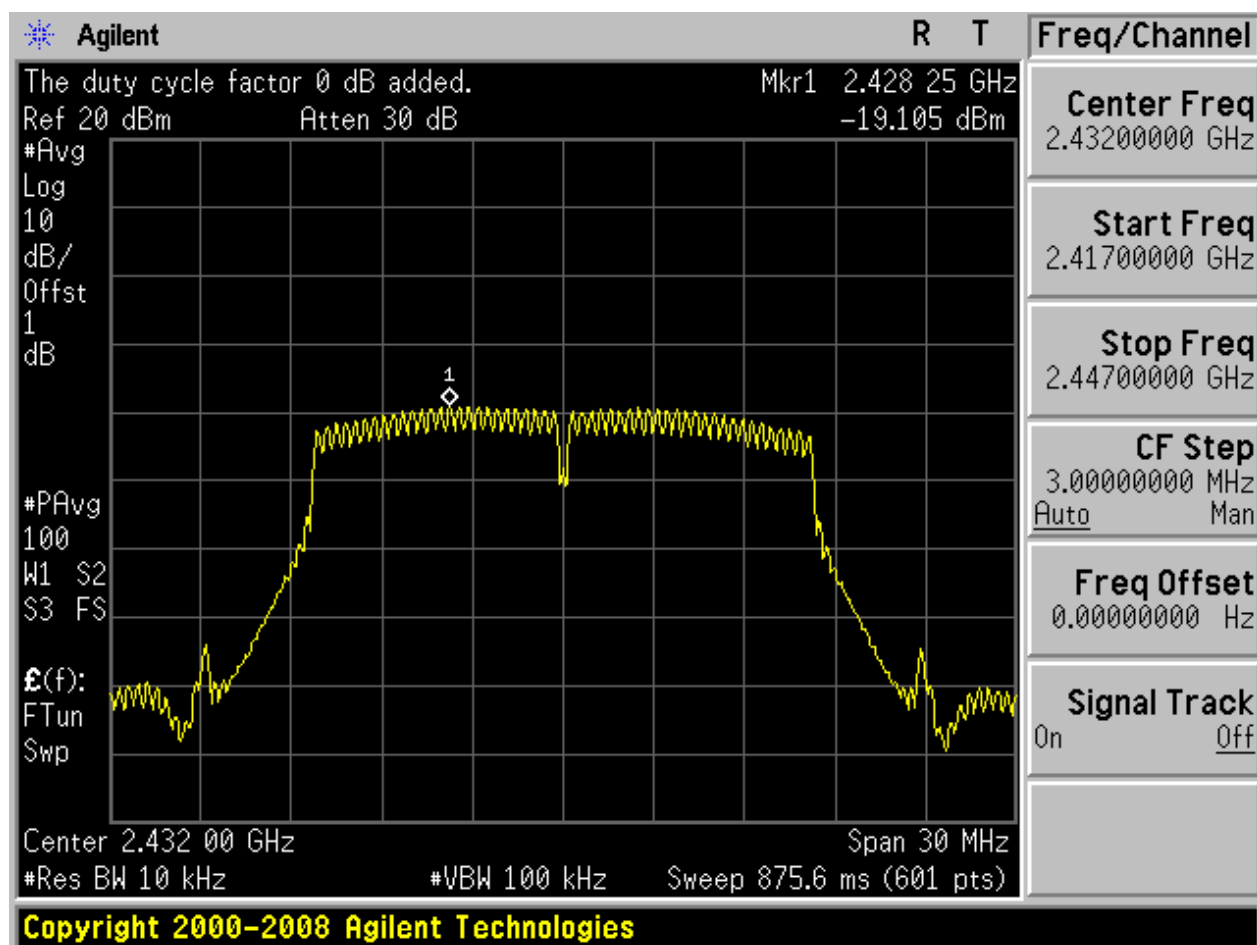
2.8 11G_L@Ant 2



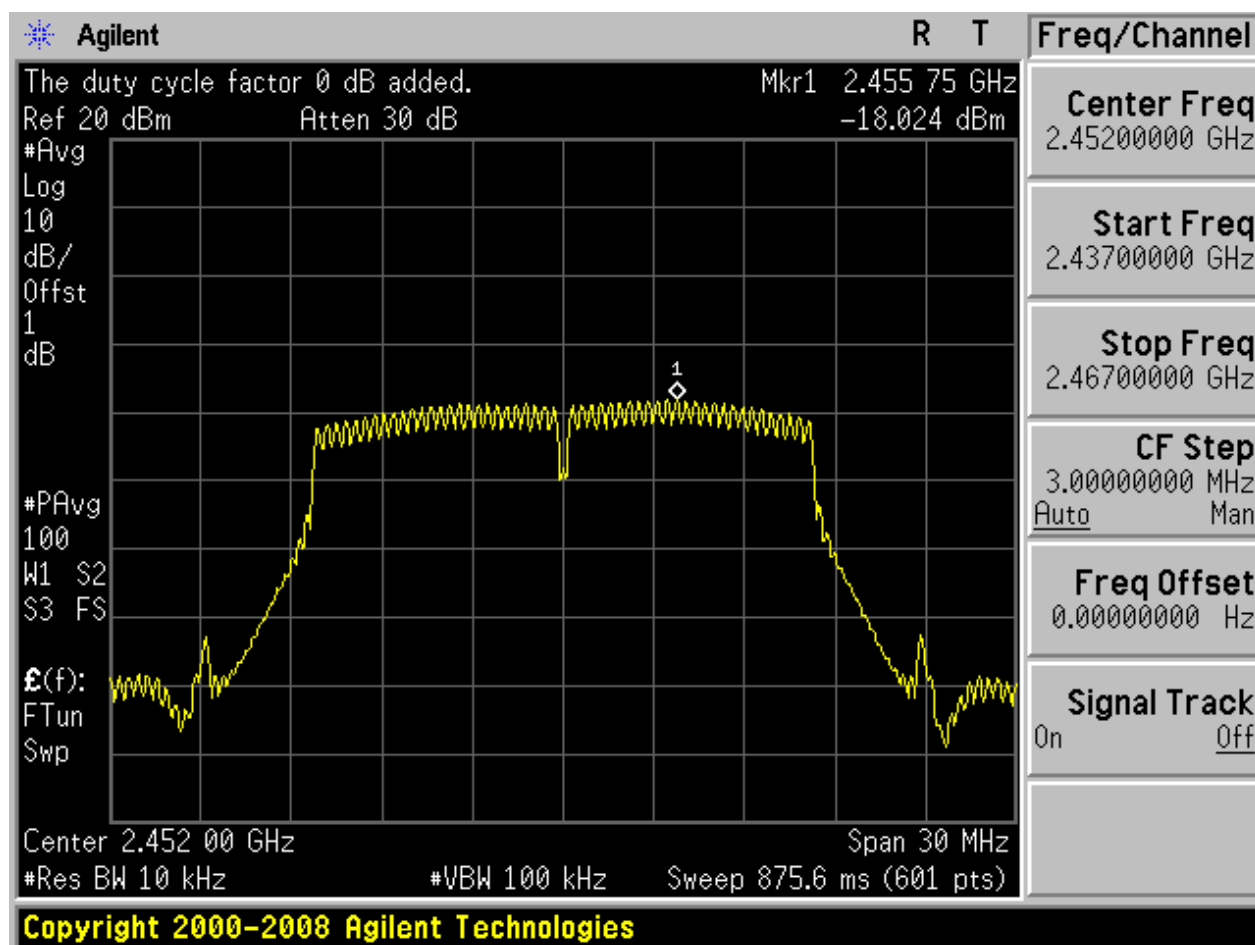
2.9 11G_M@Ant 1



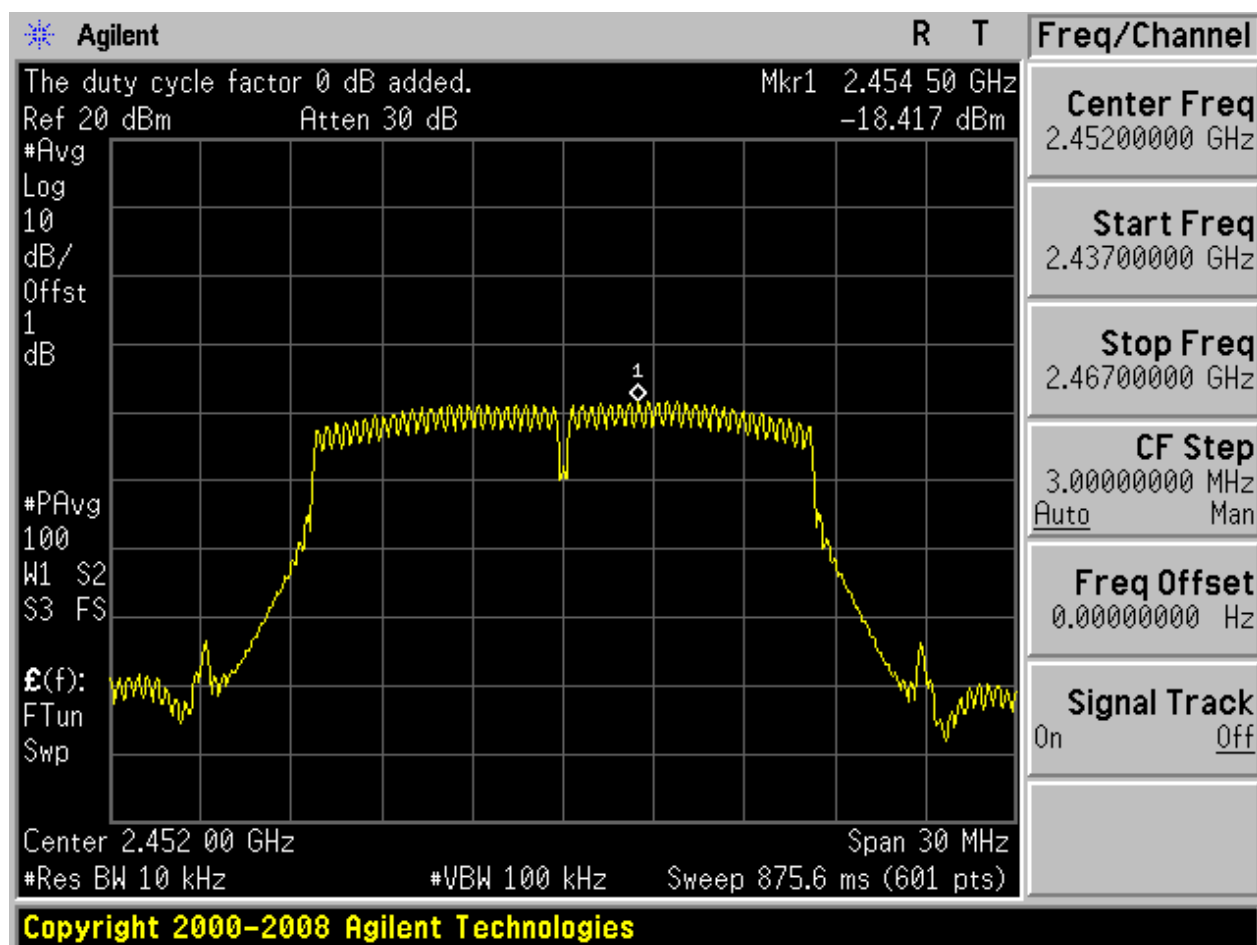
2.10 11G_M@Ant 2



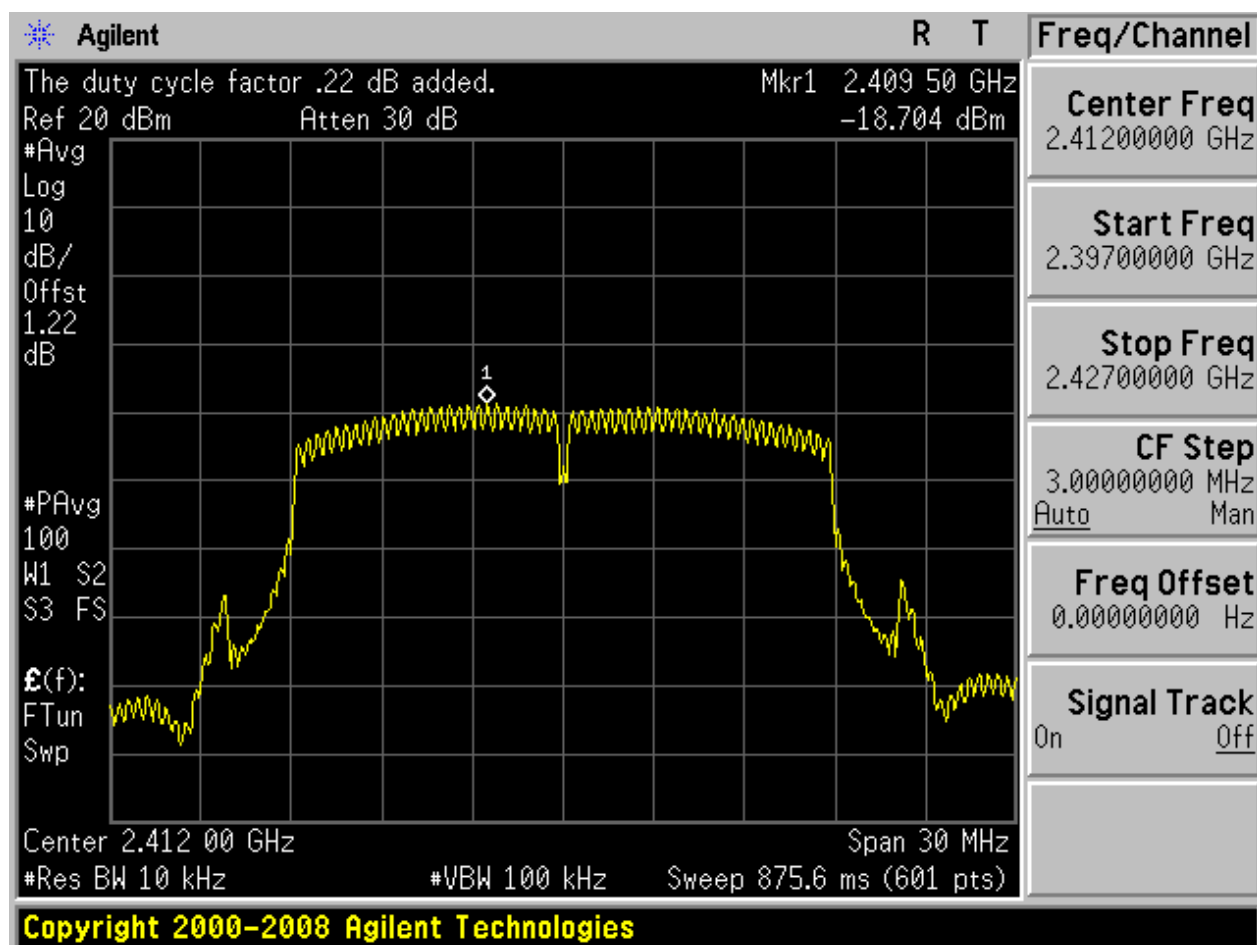
2.11 11G_H@Ant 1



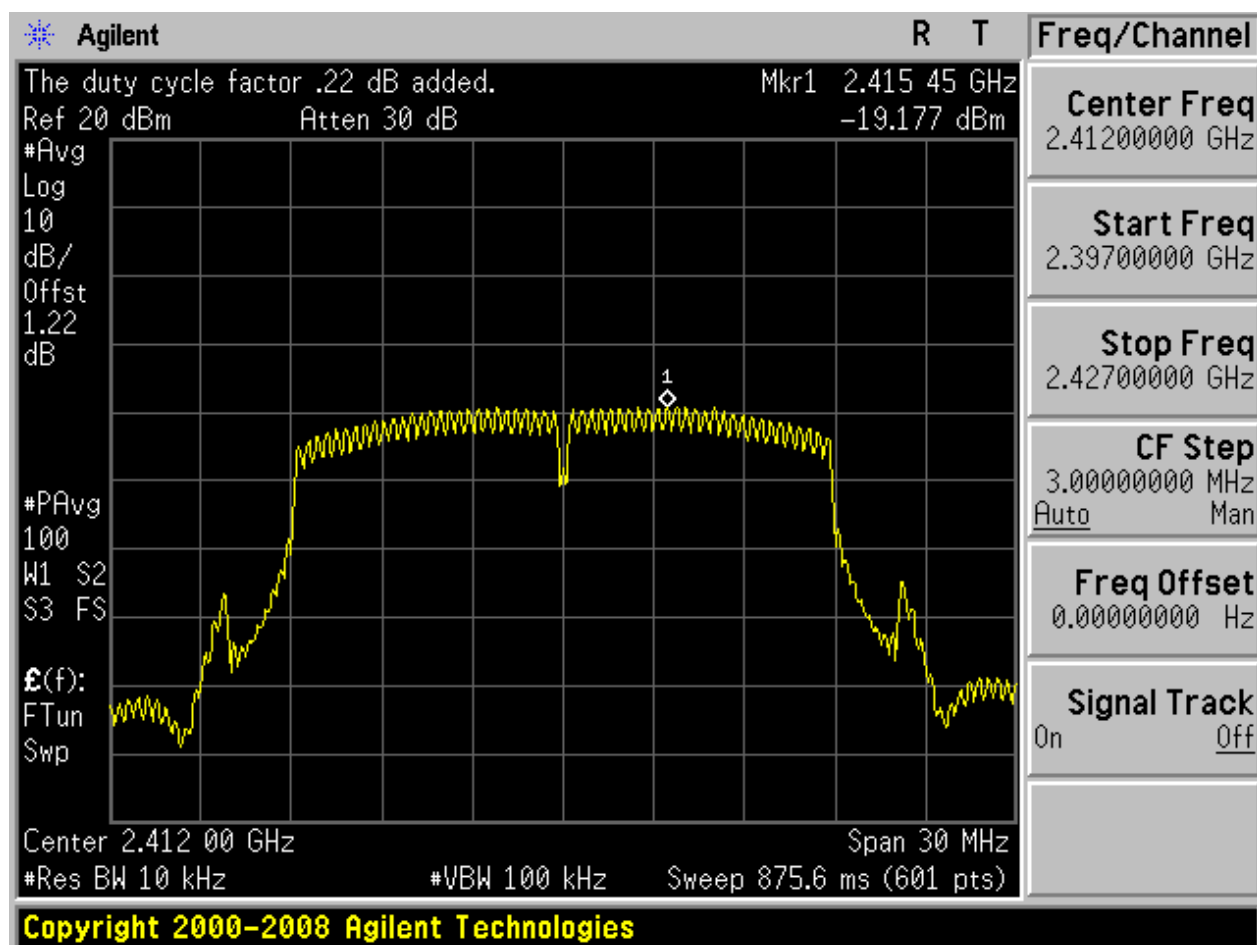
2.12 11G_H@Ant 2



2.13 11N20_L@Ant 1

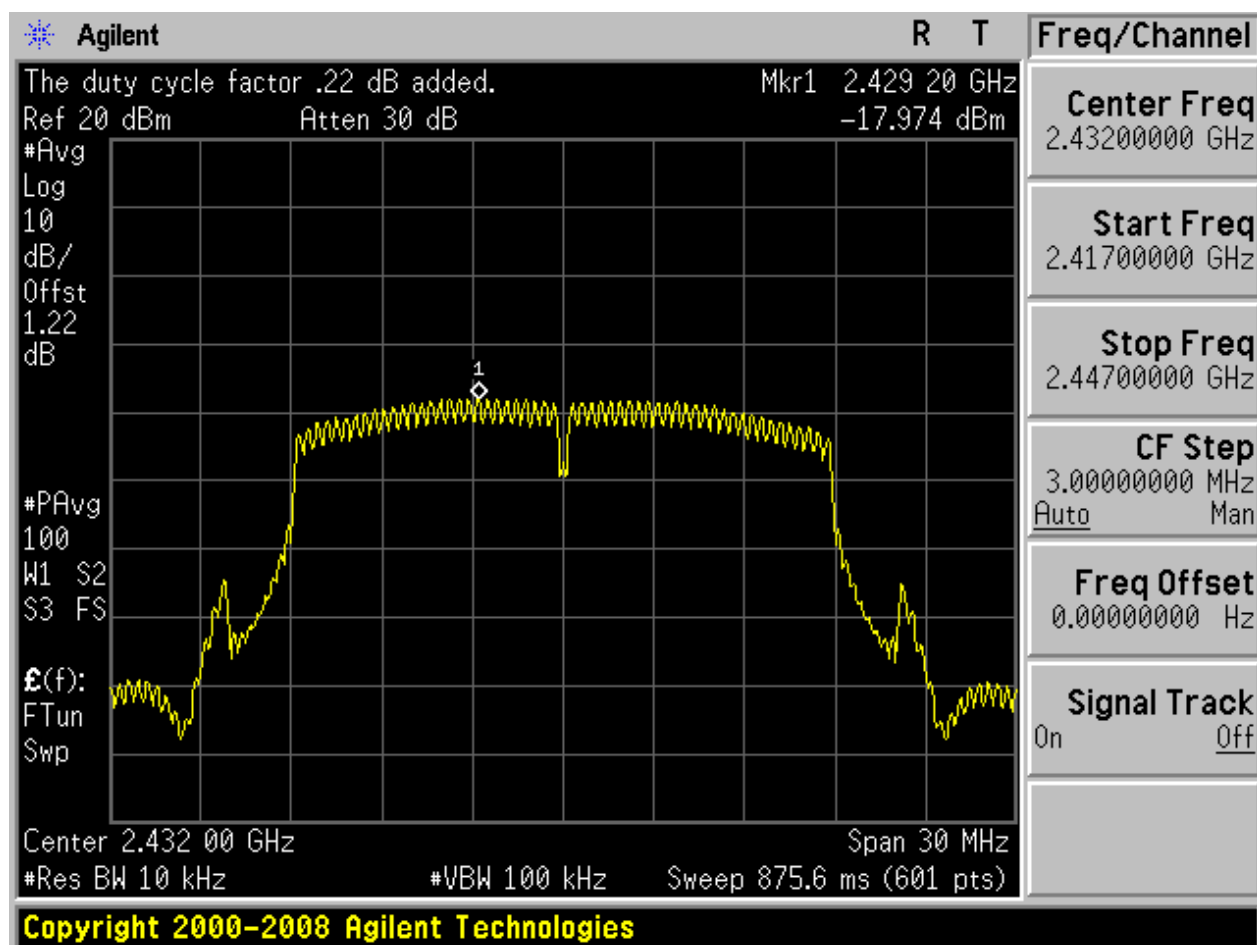


2.14 11N20_L@Ant 2



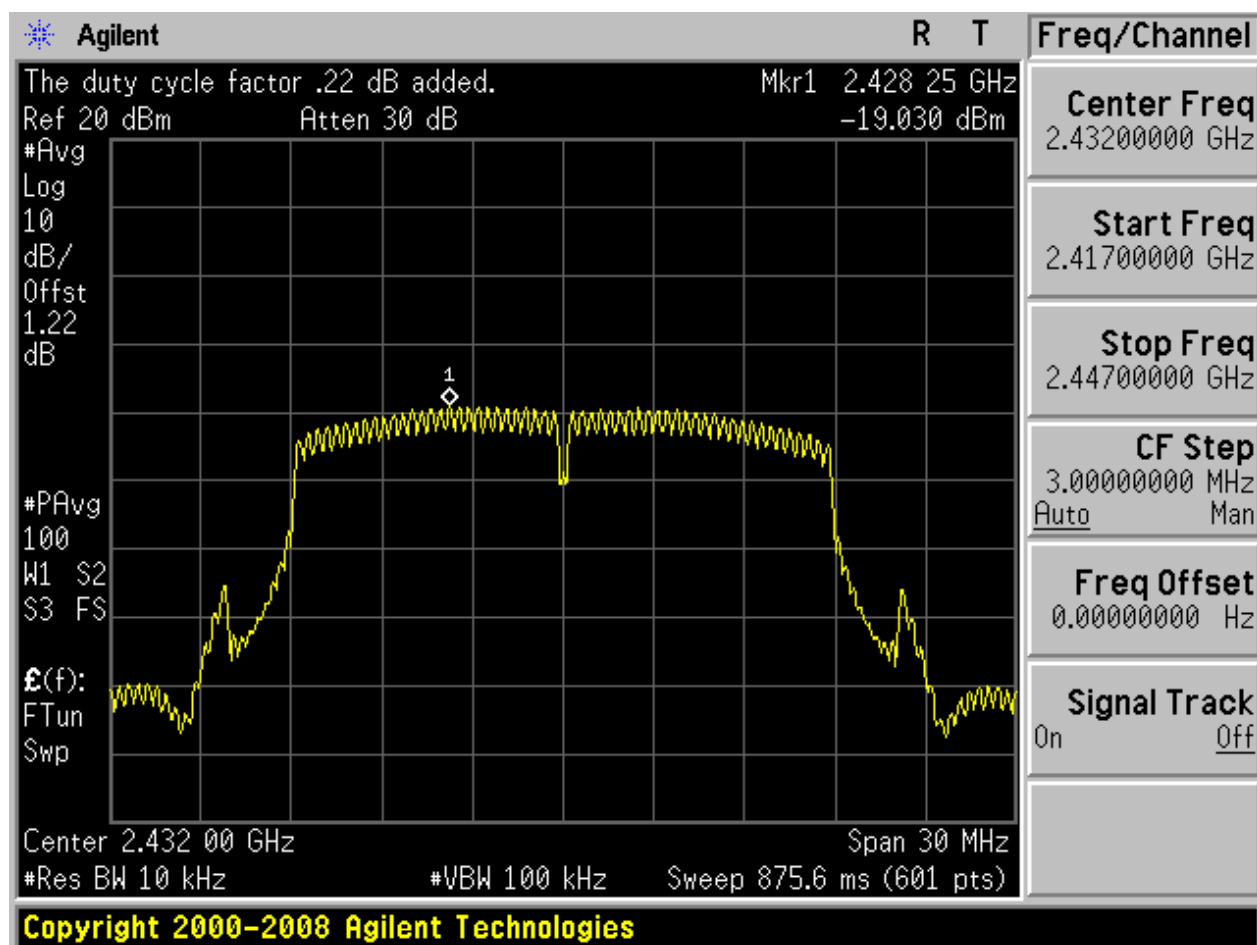


2.15 11N20_M@Ant 1

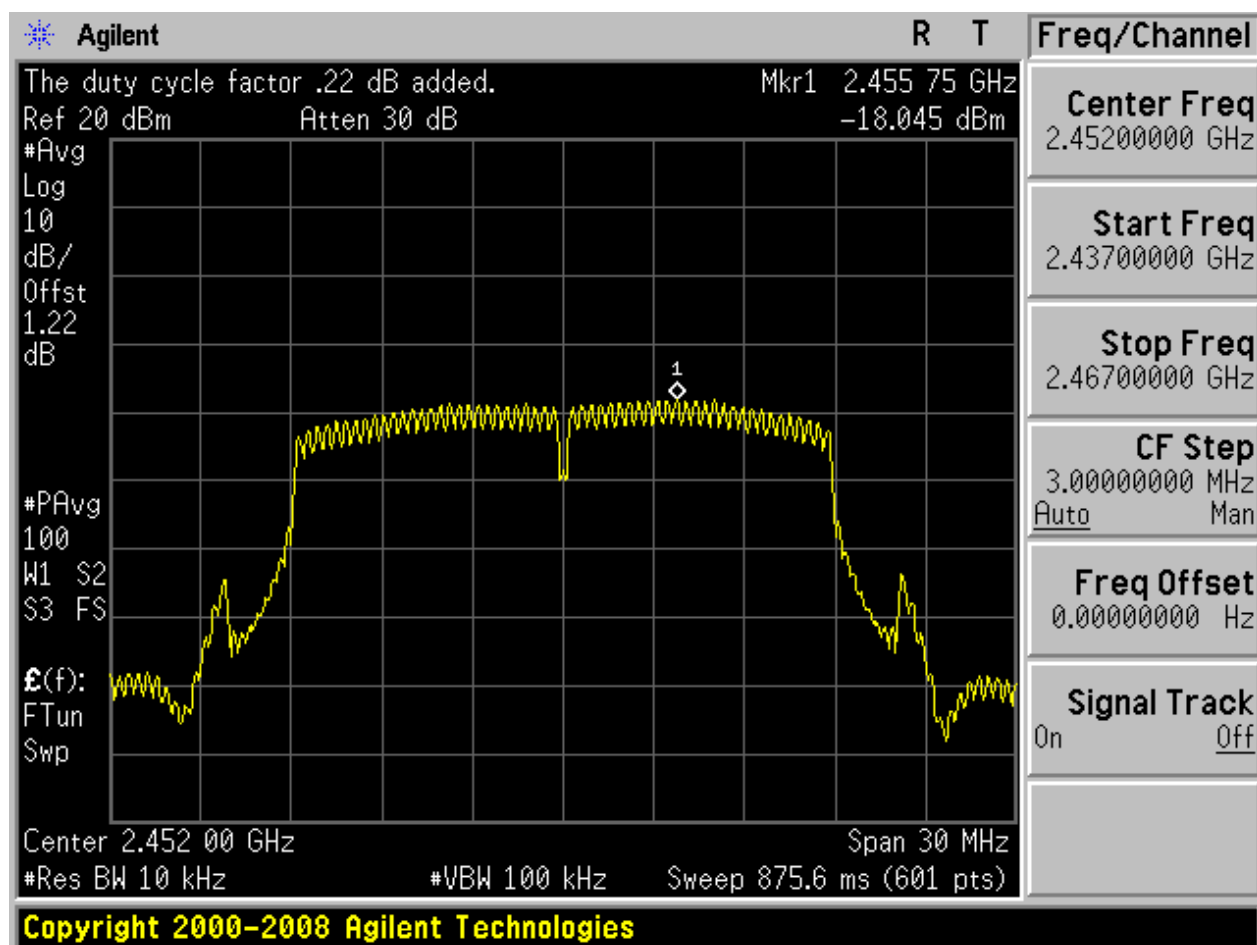




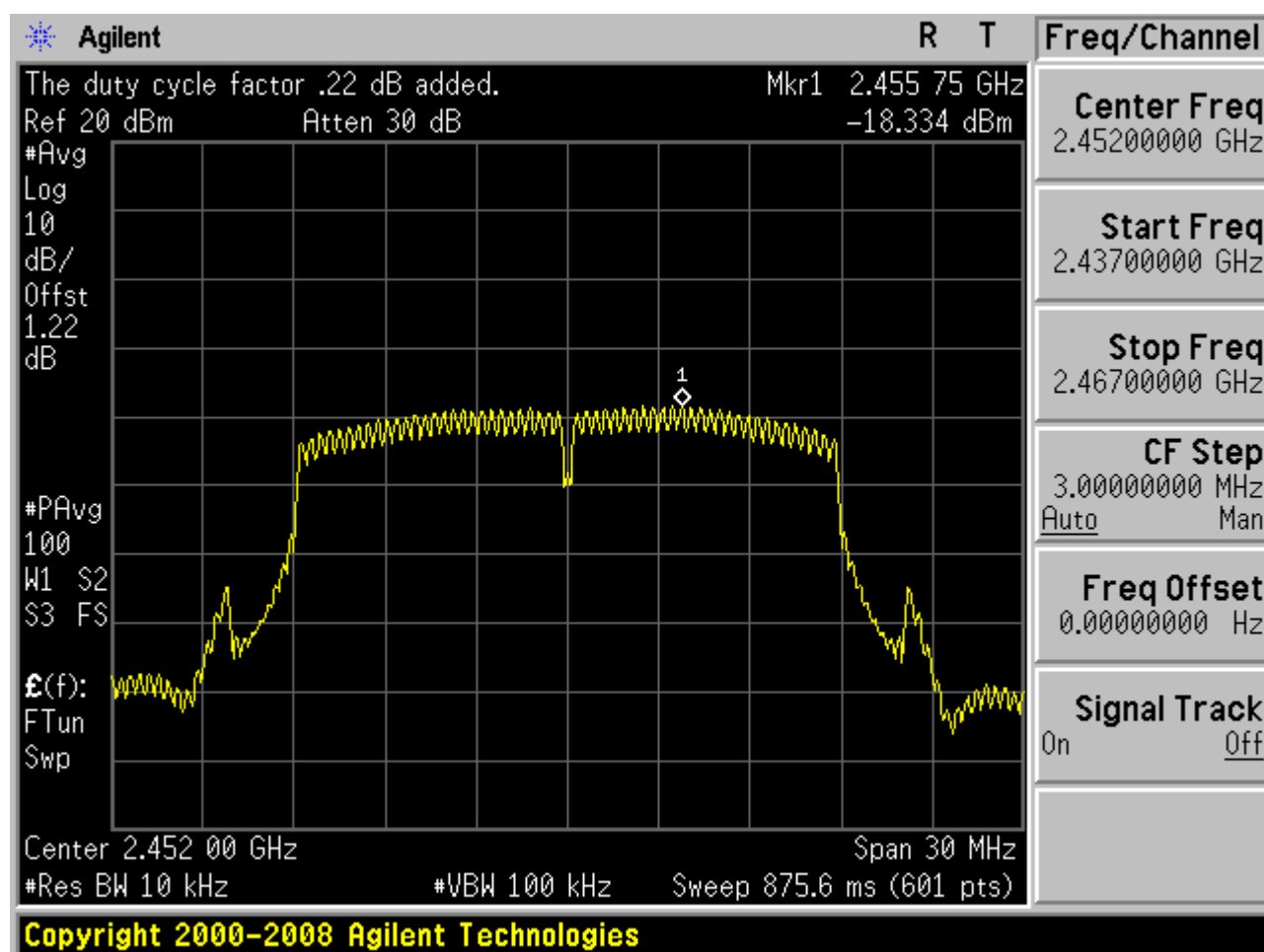
2.16 11N20_M@Ant 2



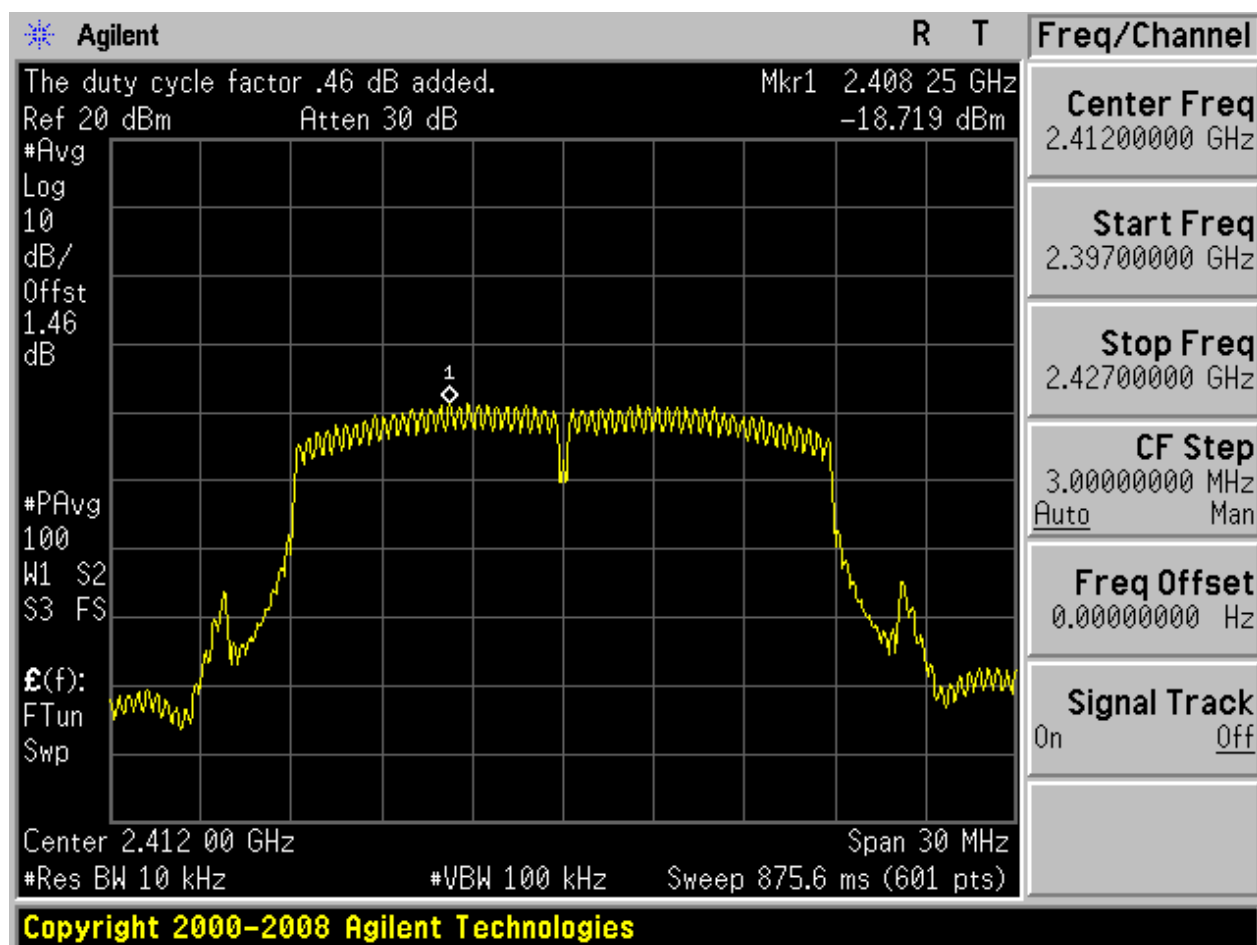
2.17 11N20_H@Ant 1



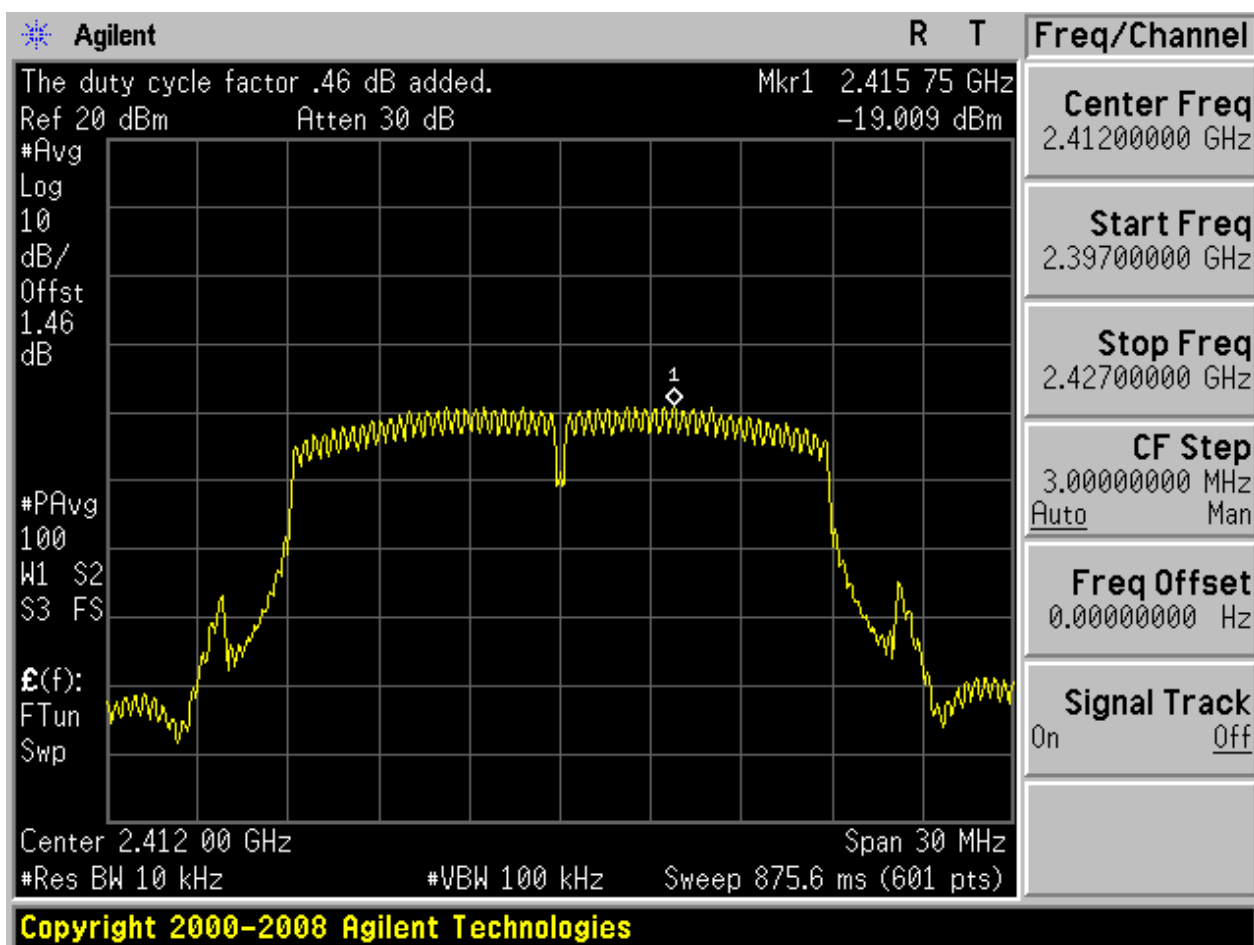
2.18 11N20_H@Ant 2



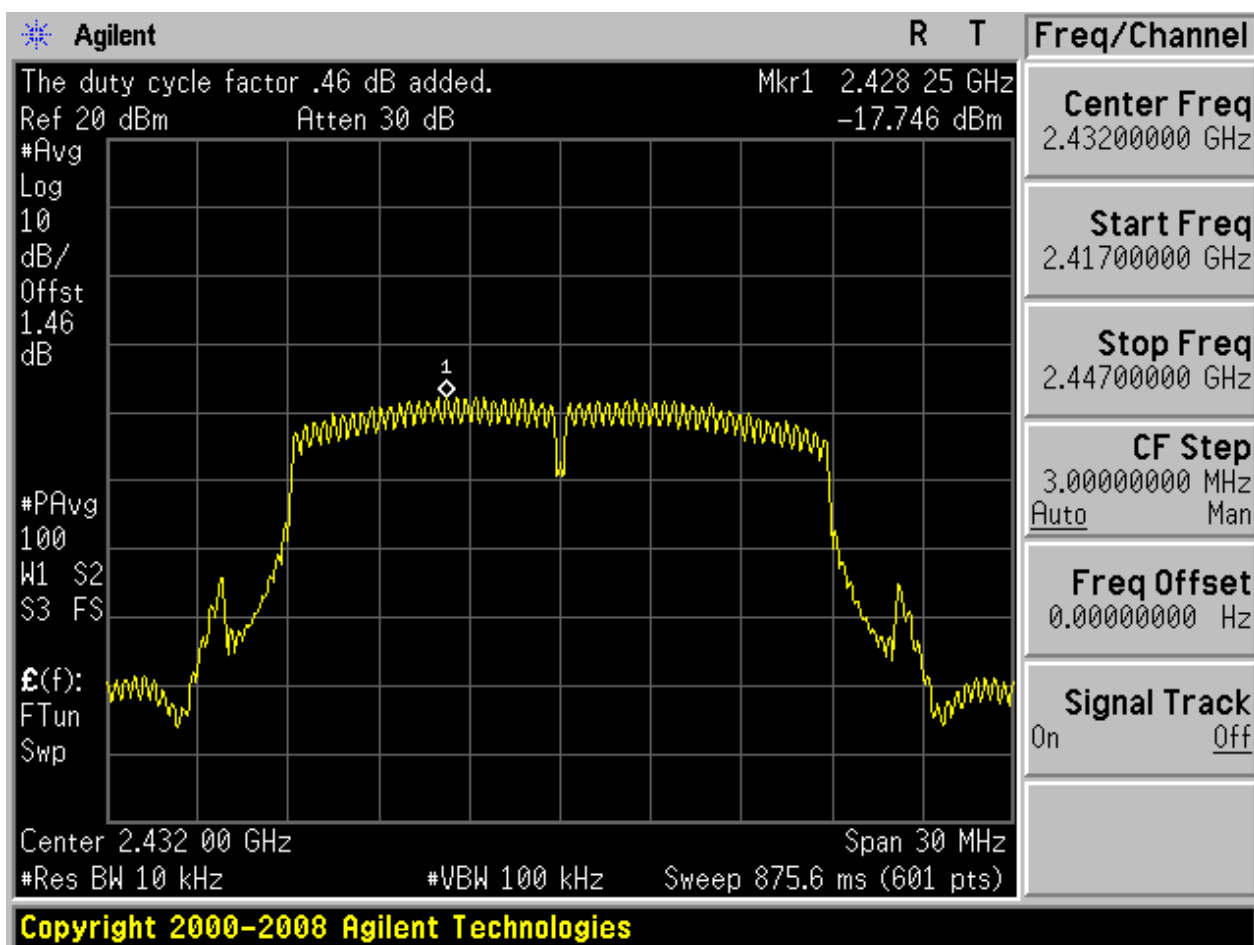
2.19 11N20m_L@Ant 1



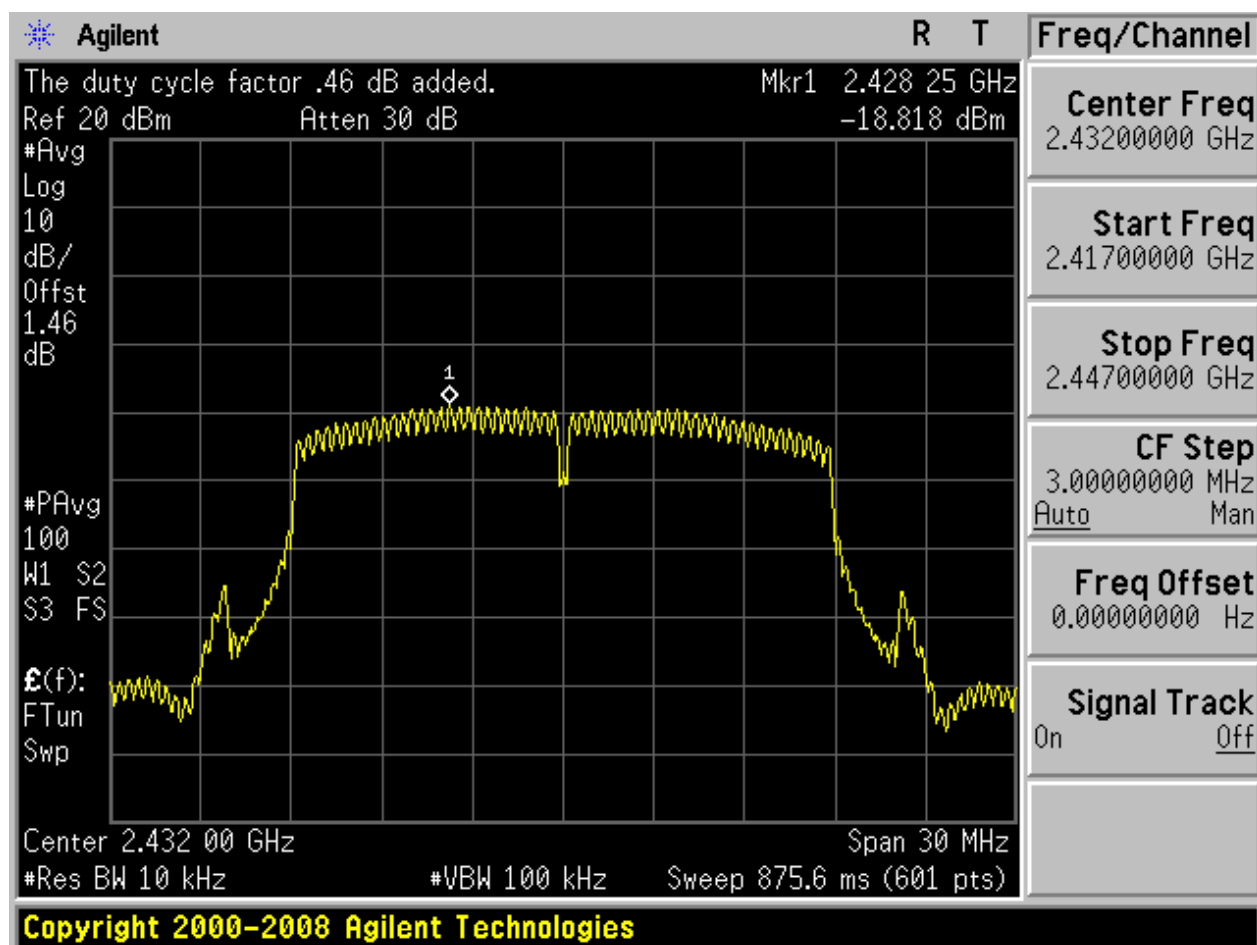
2.20 11N20m_L@Ant 2



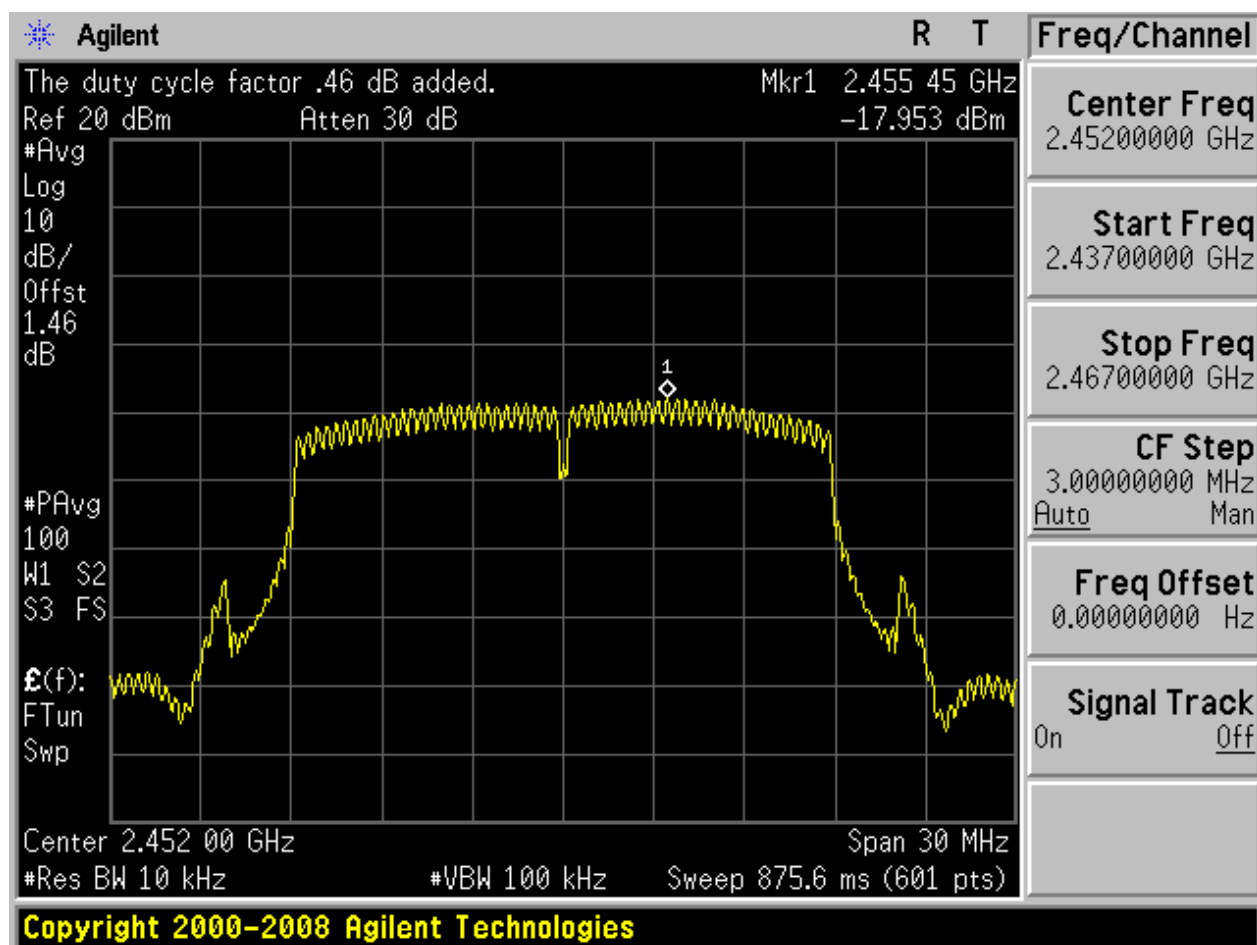
2.21 11N20m_M@Ant 1



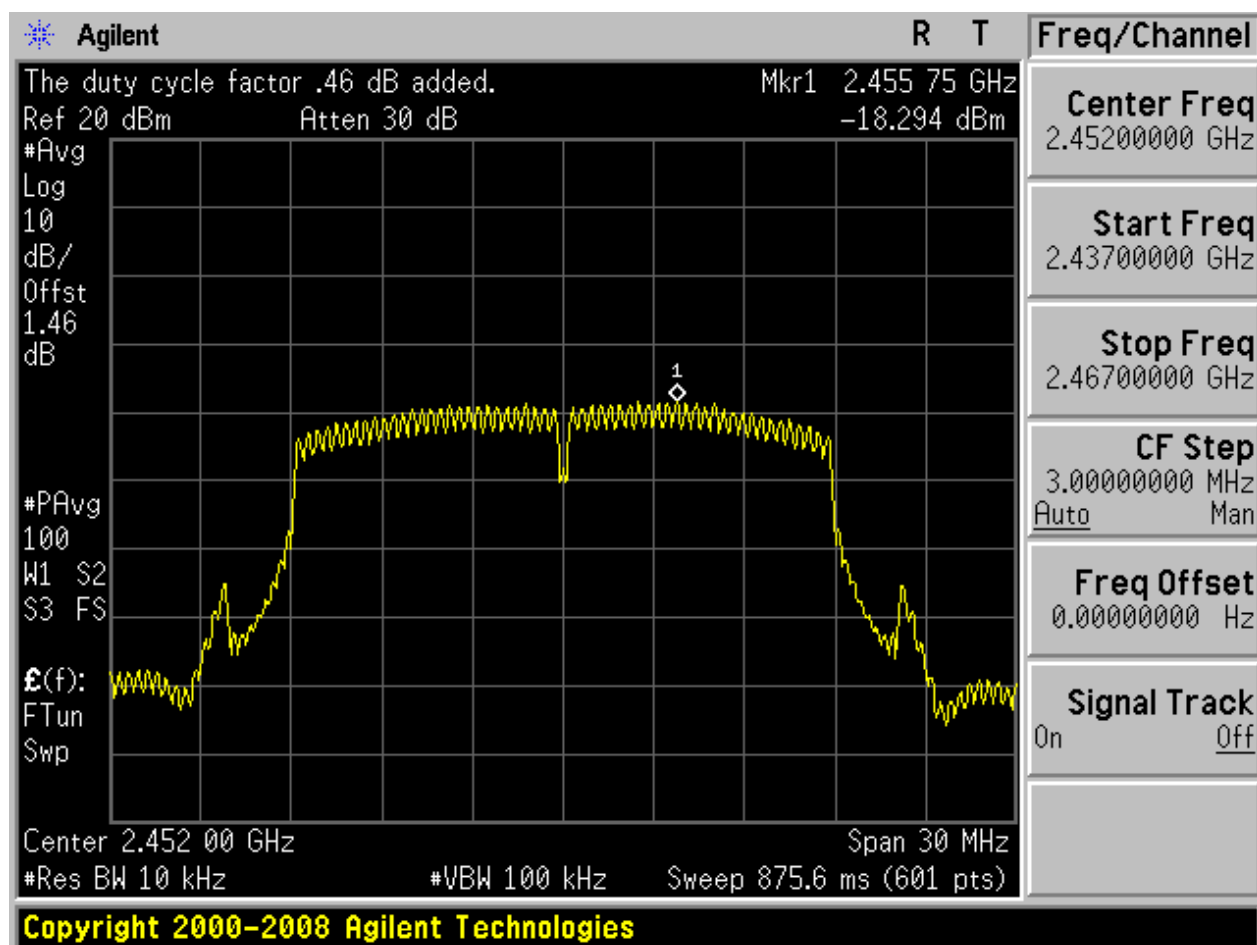
2.22 11N20m_M@Ant 2



2.23 11N20m_H@Ant 1

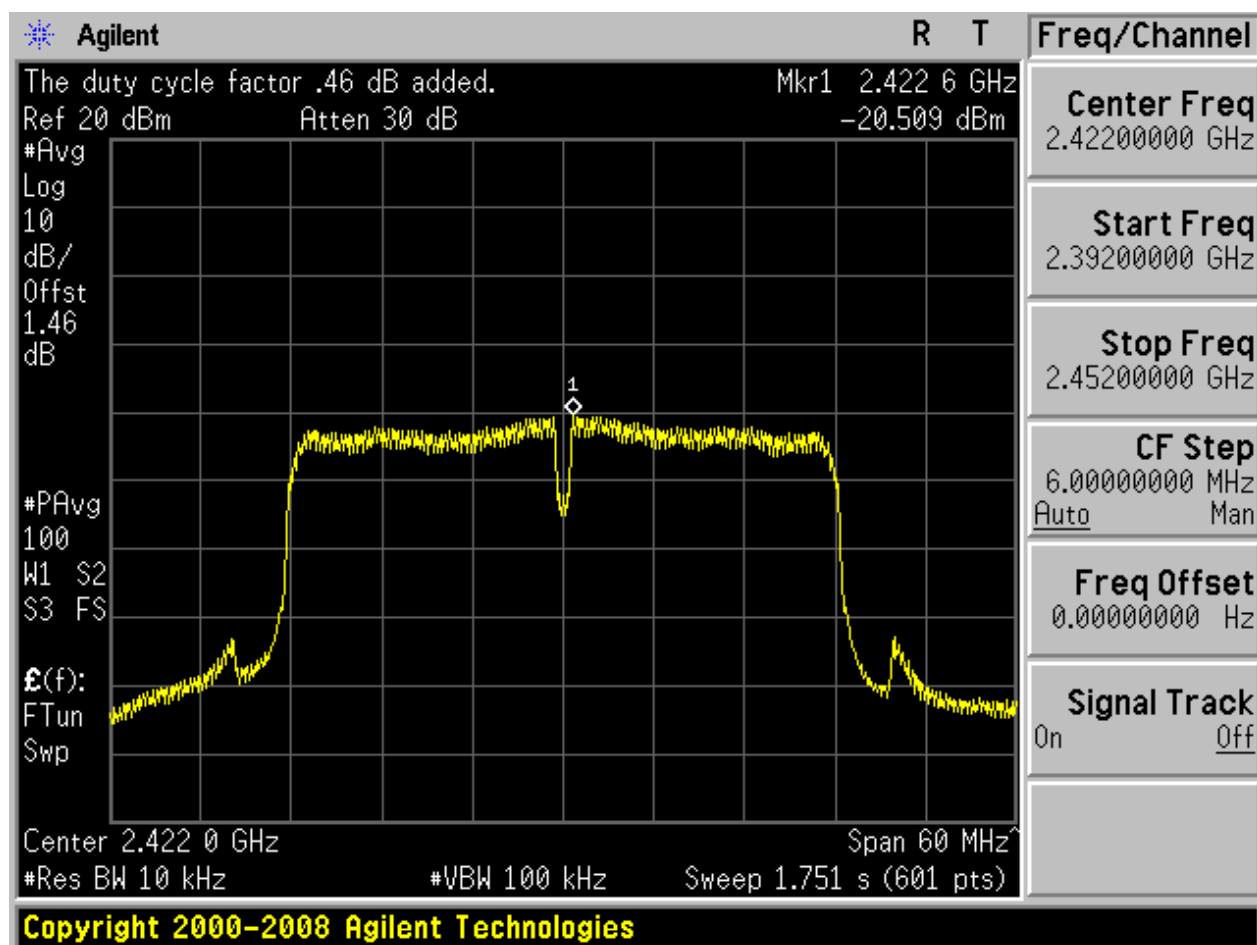


2.24 11N20m_H@Ant 2

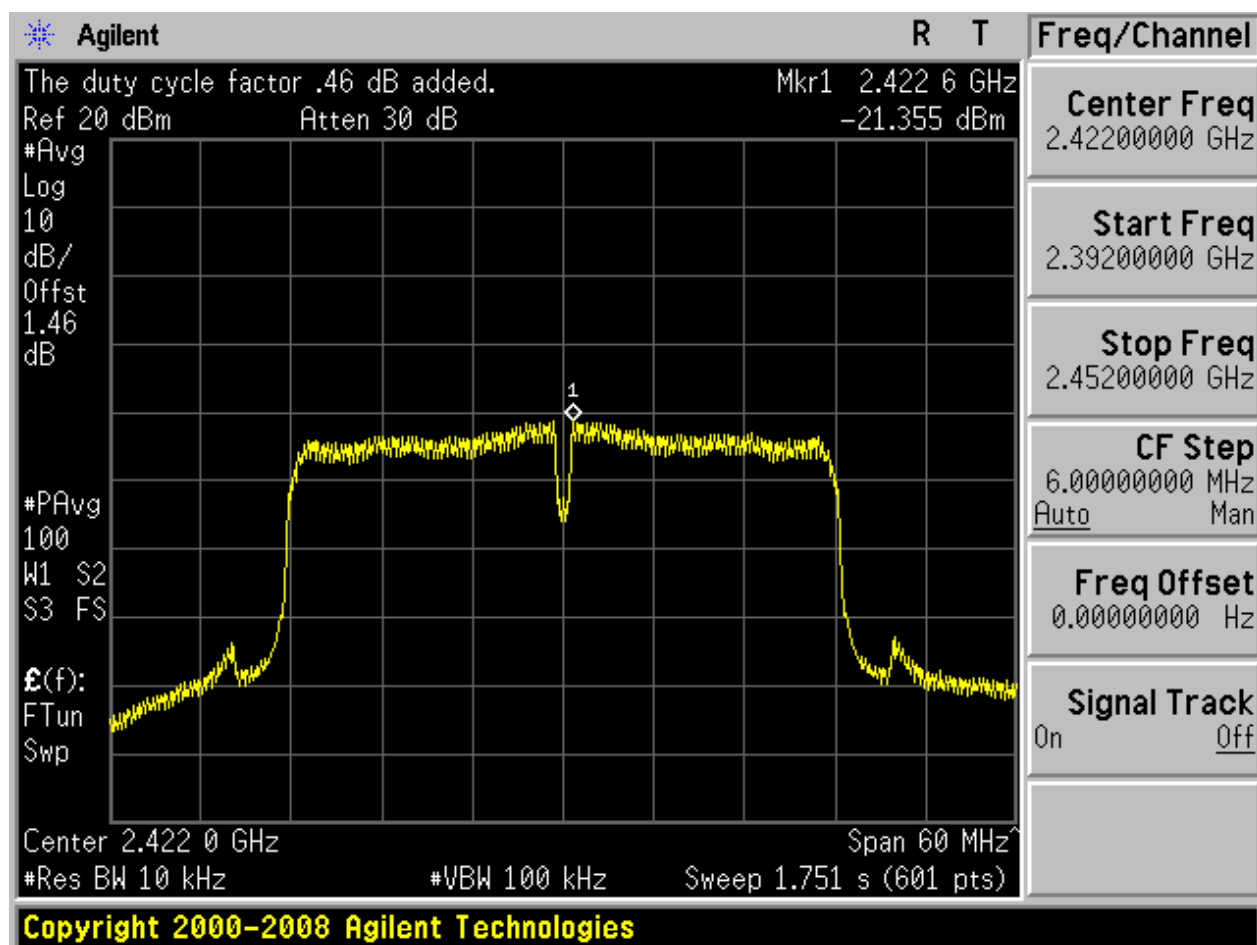




2.25 11N40_L@Ant 1

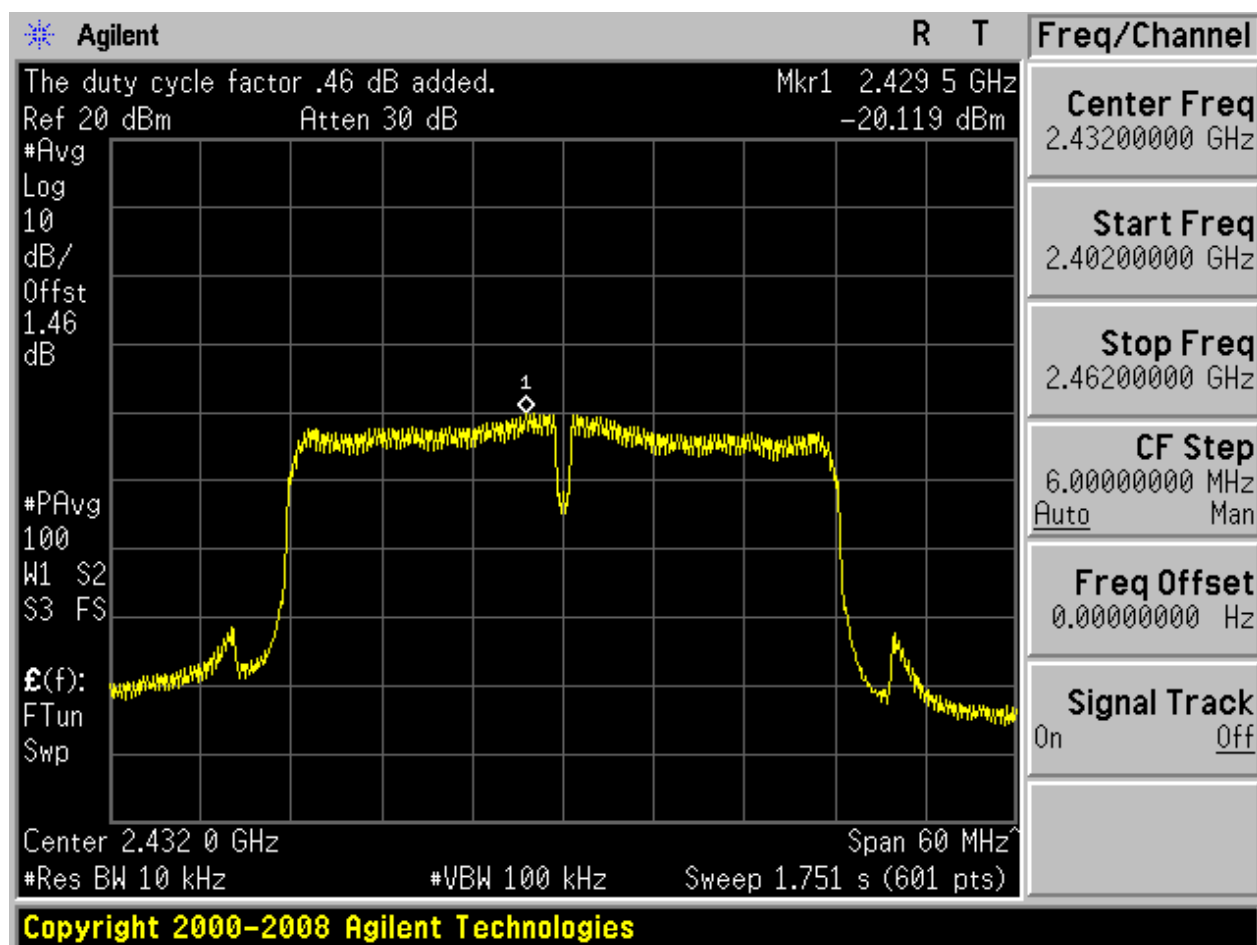


2.26 11N40_L@Ant 2

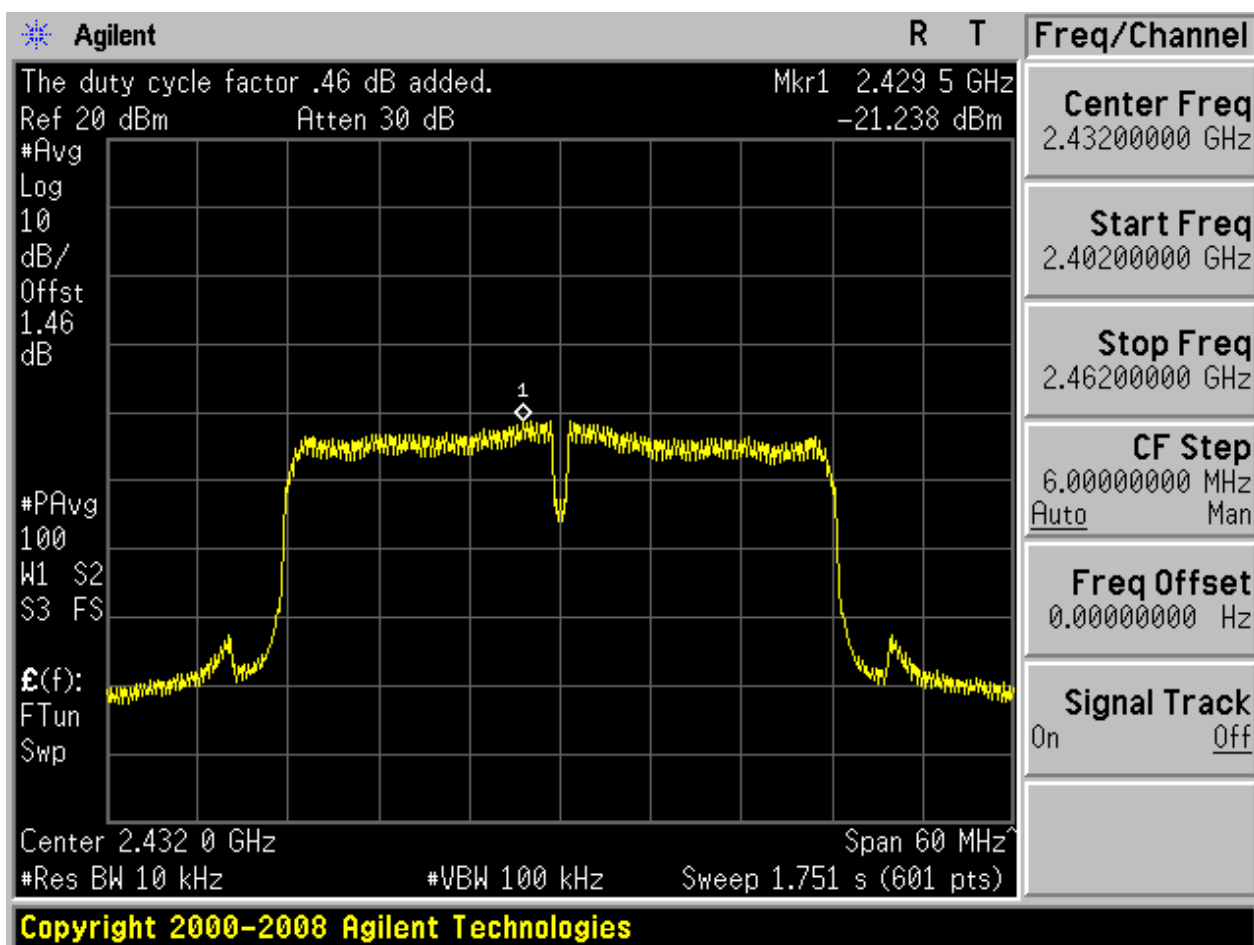




2.27 11N40_M@Ant 1

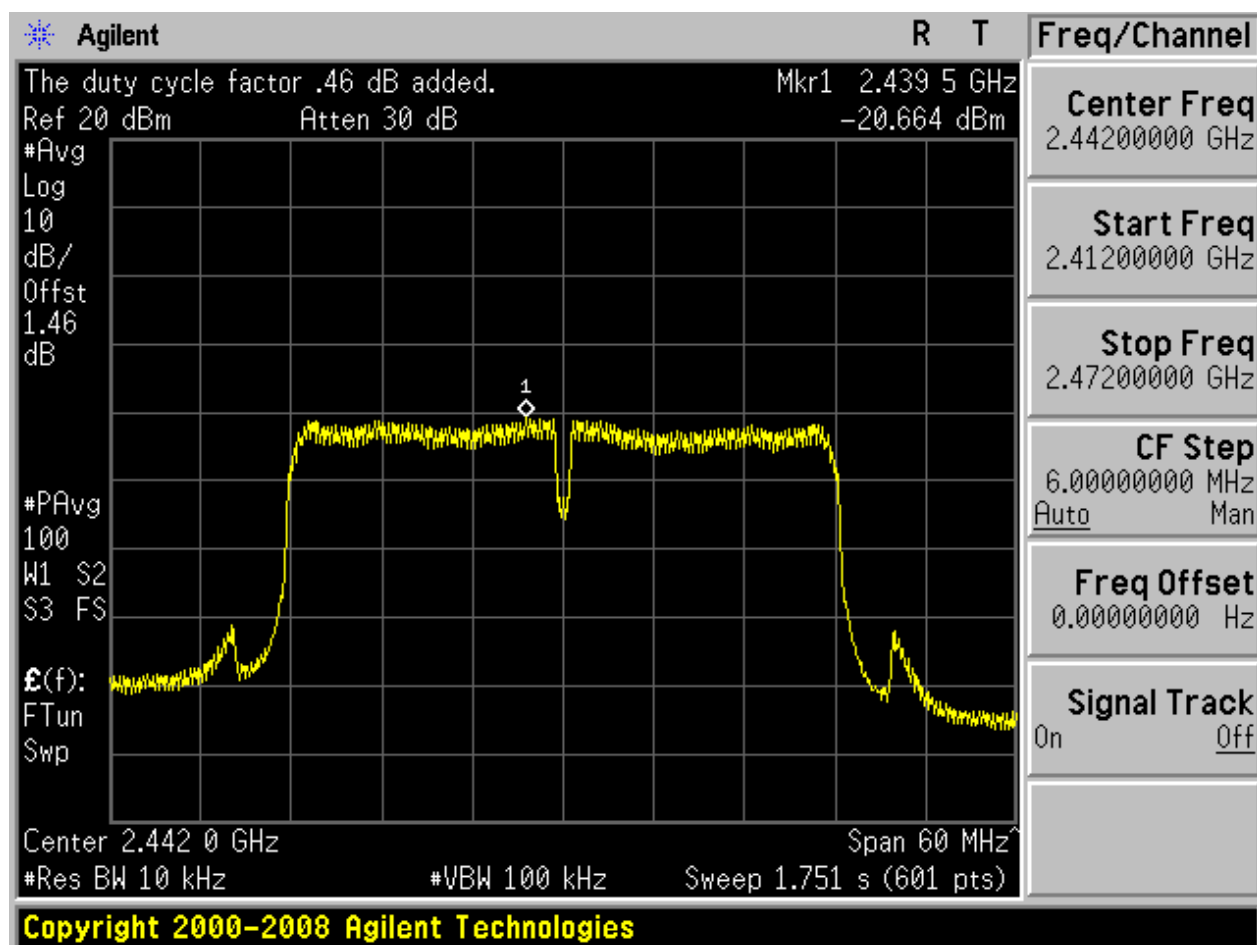


2.28 11N40_M@Ant 2

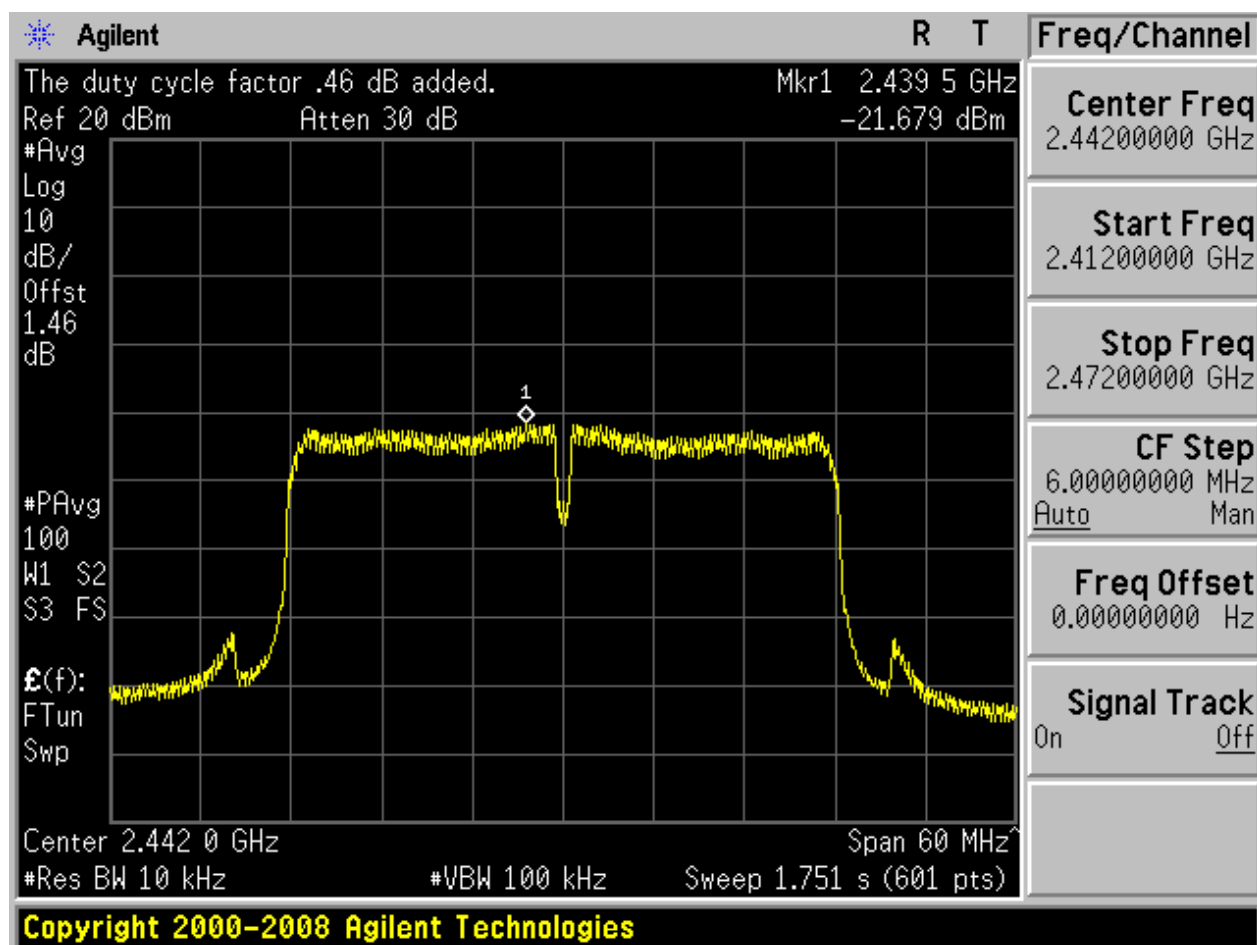




2.29 11N40_H@Ant 1

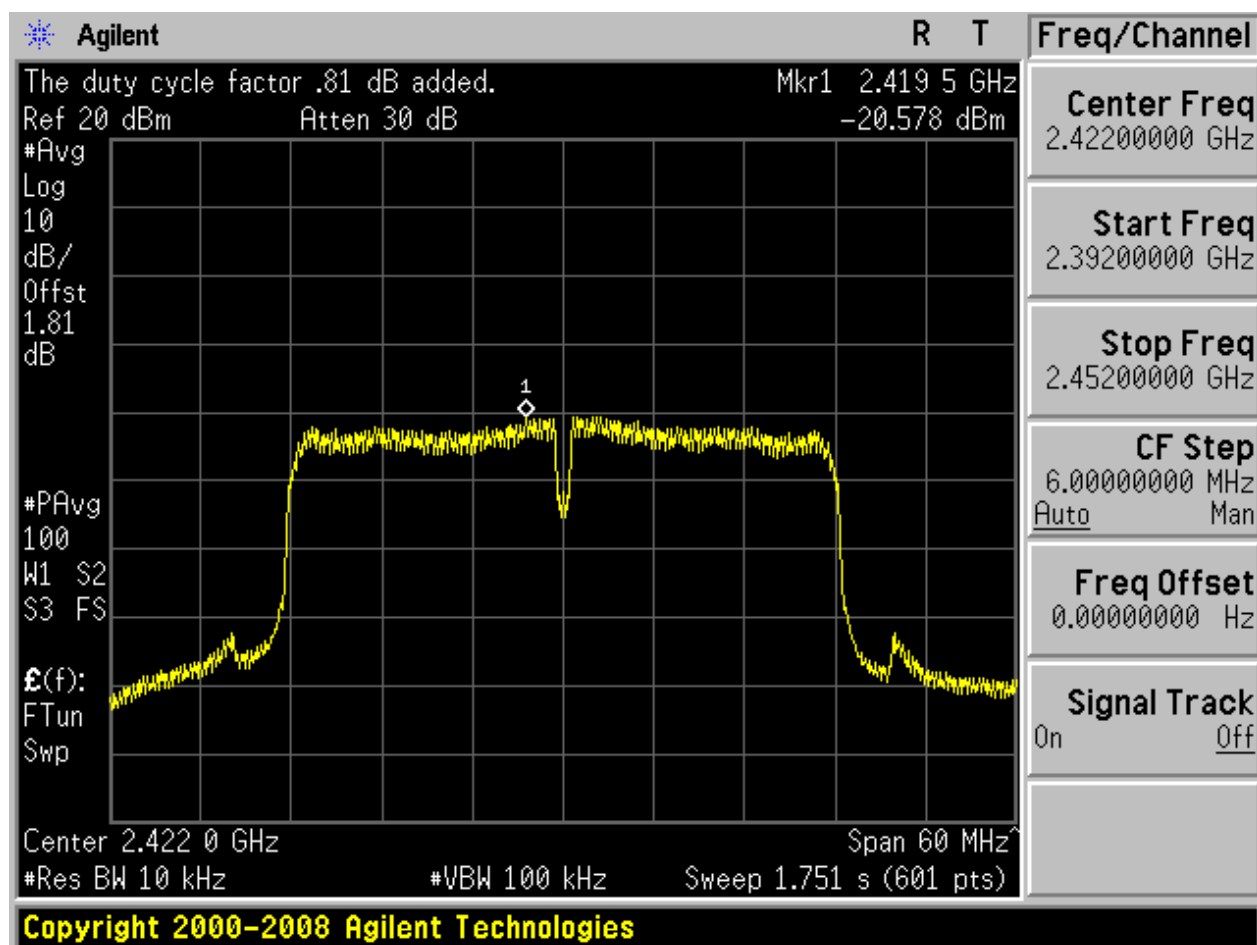


2.30 11N40_H@Ant 2

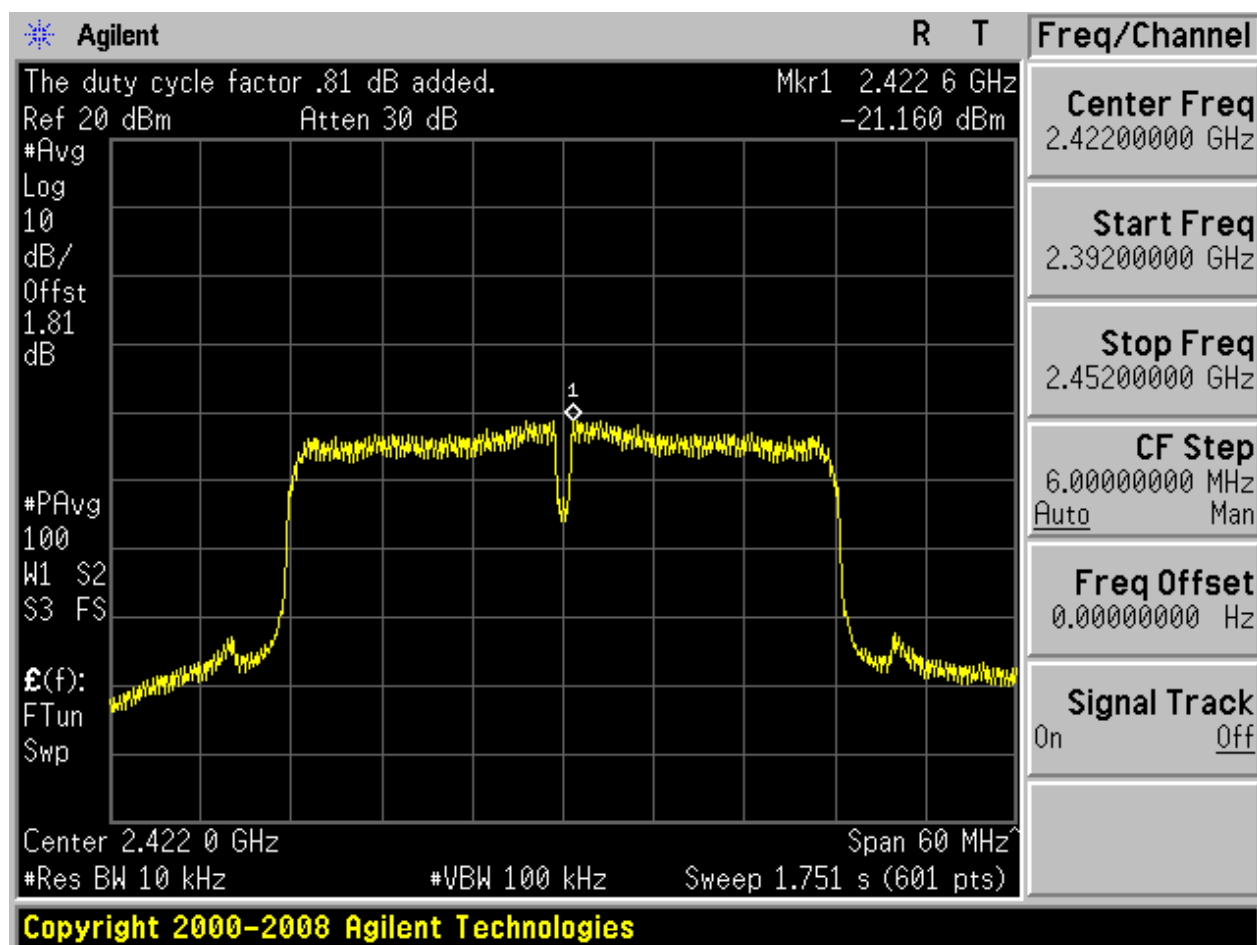




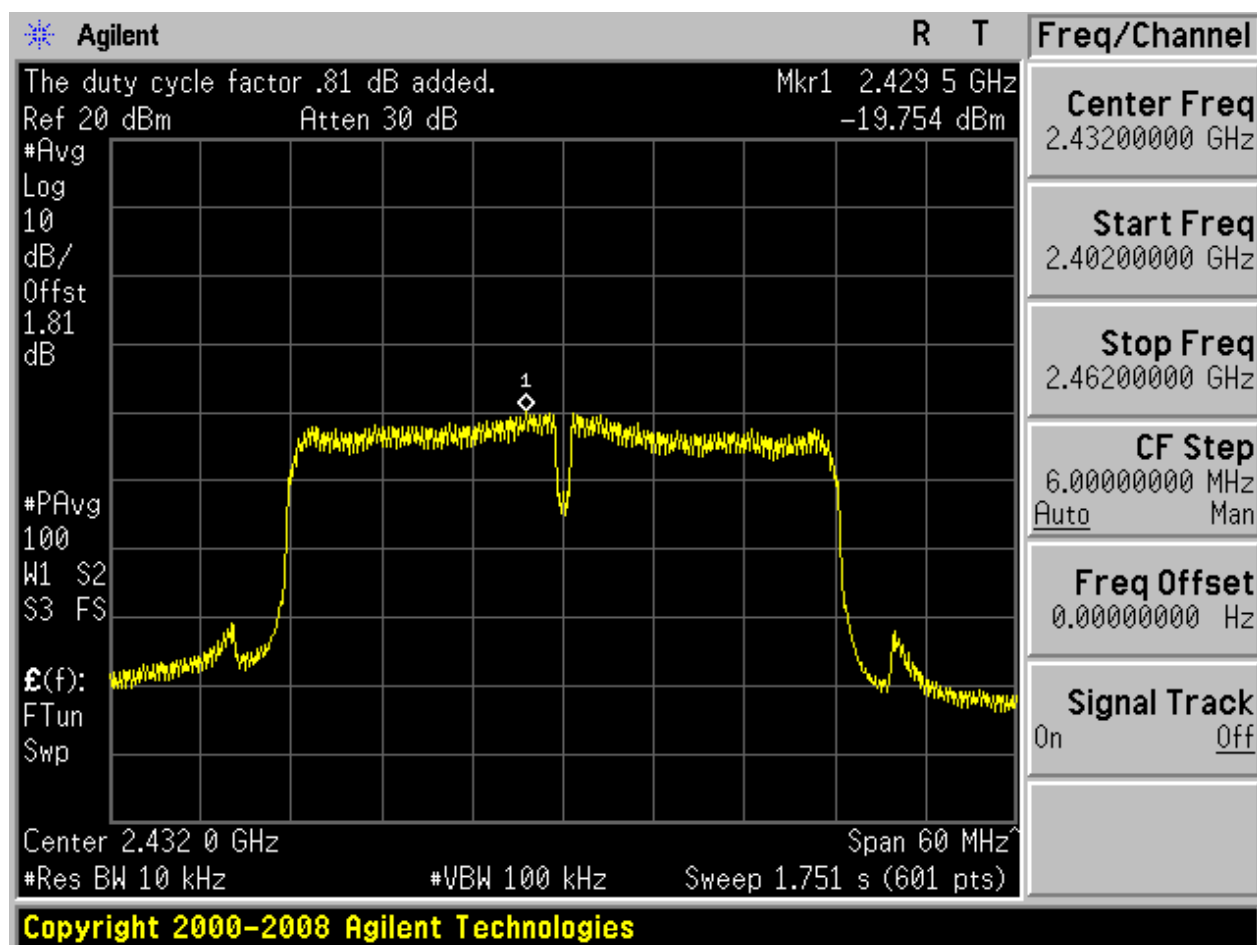
2.31 11N40m_L@Ant 1



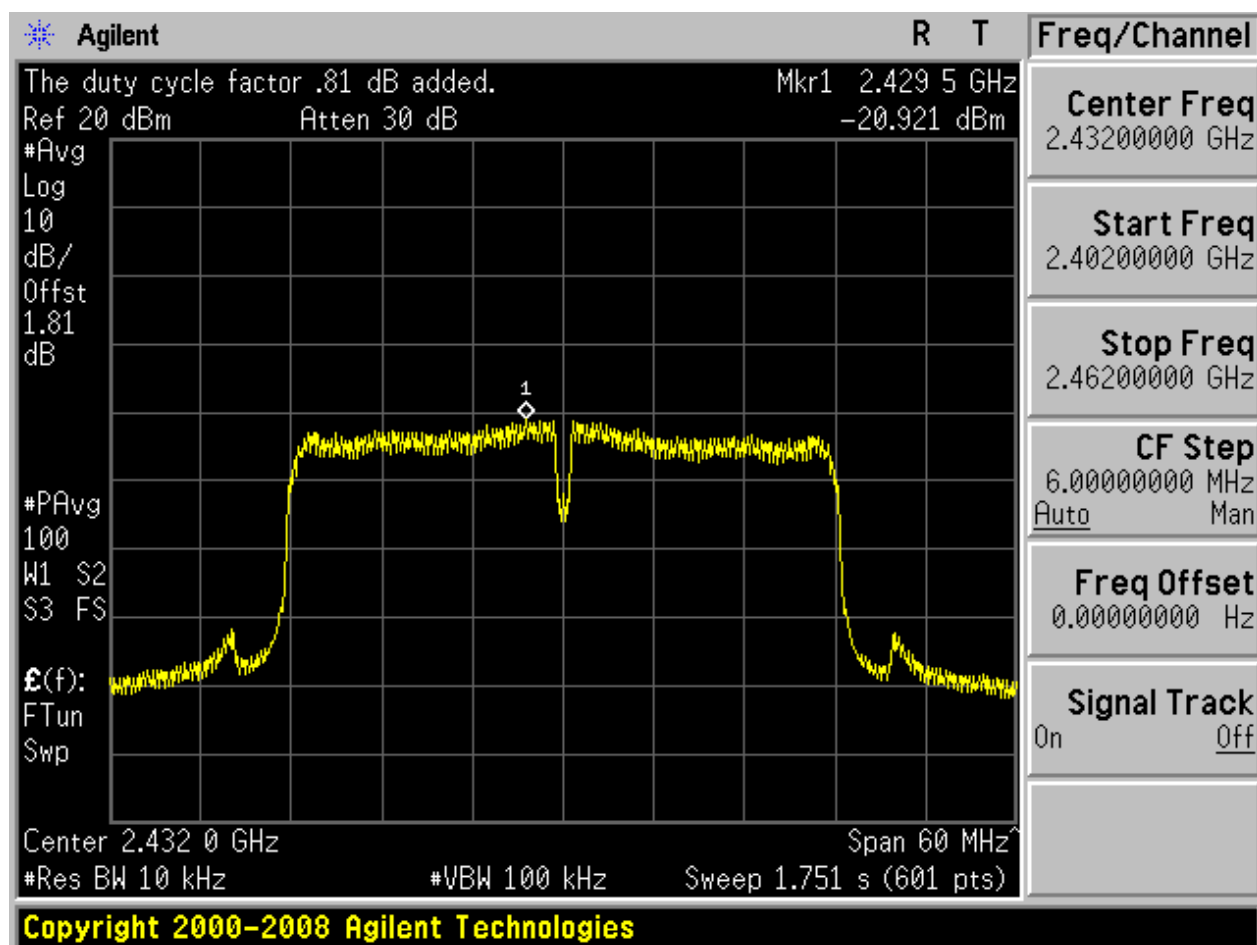
2.32 11N40m_L@Ant 2



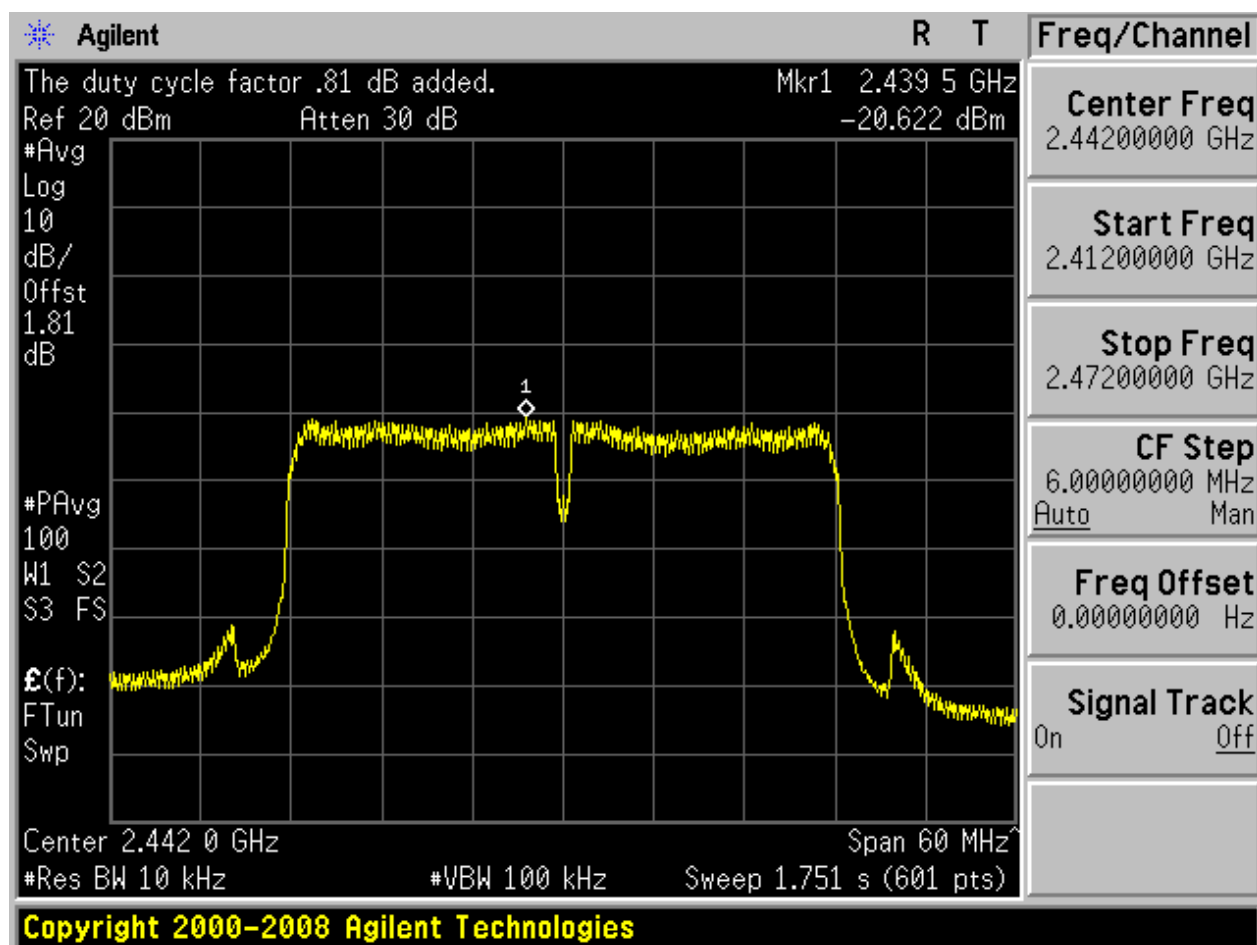
2.33 11N40m_M@Ant 1



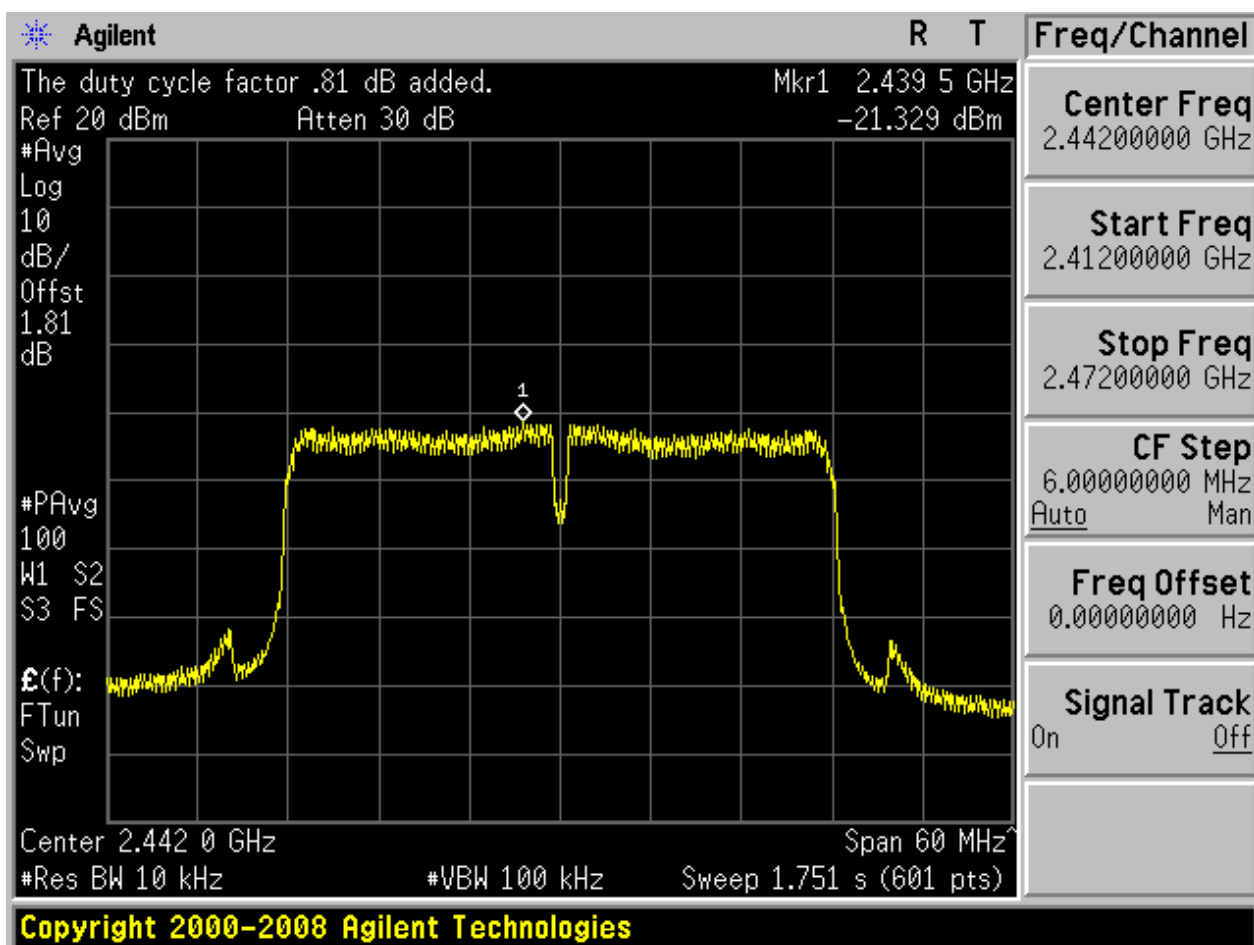
2.34 11N40m_M@Ant 2



2.35 11N40m_H@Ant 1



2.36 11N40m_H@Ant 2



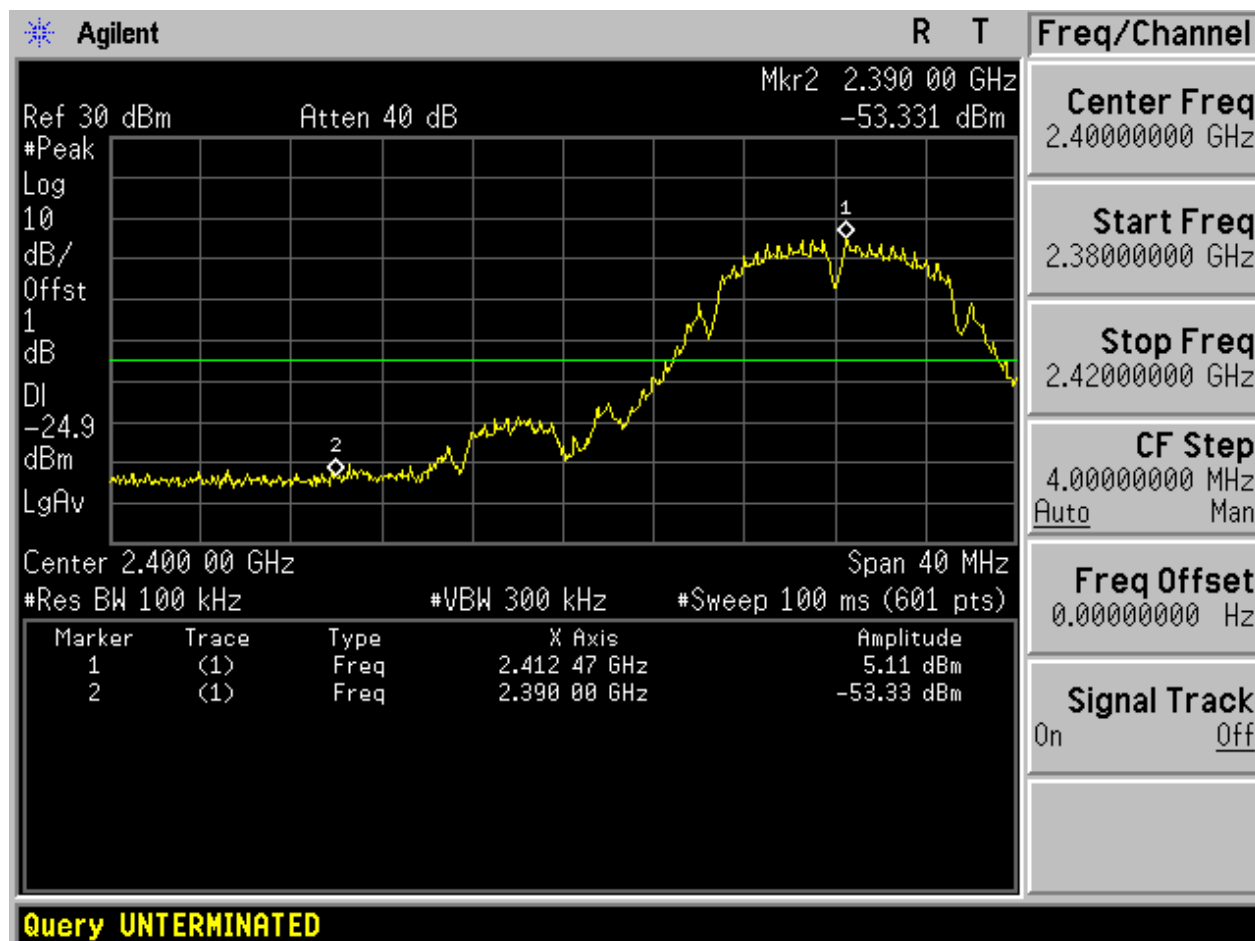
Appendix E: Band Edges Compliance

Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	Carrier Power[dBm]	Max.Spurious Level[dBm]	Verdict
11B	L	2412	Ant 1	5.11	-53.33	pass
11B	L	2412	Ant 2	3.87	-52.06	pass
11B	H	2452	Ant 1	4.87	-54.22	pass
11B	H	2452	Ant 2	4.65	-52.92	pass
11G	L	2412	Ant 1	-0.45	-53.06	pass
11G	L	2412	Ant 2	-0.65	-52.22	pass
11G	H	2452	Ant 1	0.34	-51.95	pass
11G	H	2452	Ant 2	0.22	-52.57	pass
11N20	L	2412	Ant 1	-0.36	-55.00	pass
11N20	L	2412	Ant 2	-1.15	-54.08	pass
11N20	H	2452	Ant 1	0.15	-53.22	pass
11N20	H	2452	Ant 2	0.43	-52.25	pass
11N20m	L	2412	Ant 1	-0.38	-53.28	pass
11N20m	L	2412	Ant 2	-0.83	-52.06	pass
11N20m	H	2452	Ant 1	0.56	-52.95	pass
11N20m	H	2452	Ant 2	-0.15	-52.00	pass
11N40	L	2422	Ant 1	-3.32	-49.32	pass
11N40	L	2422	Ant 2	-4.04	-45.14	pass
11N40	H	2442	Ant 1	-3.26	-46.96	pass

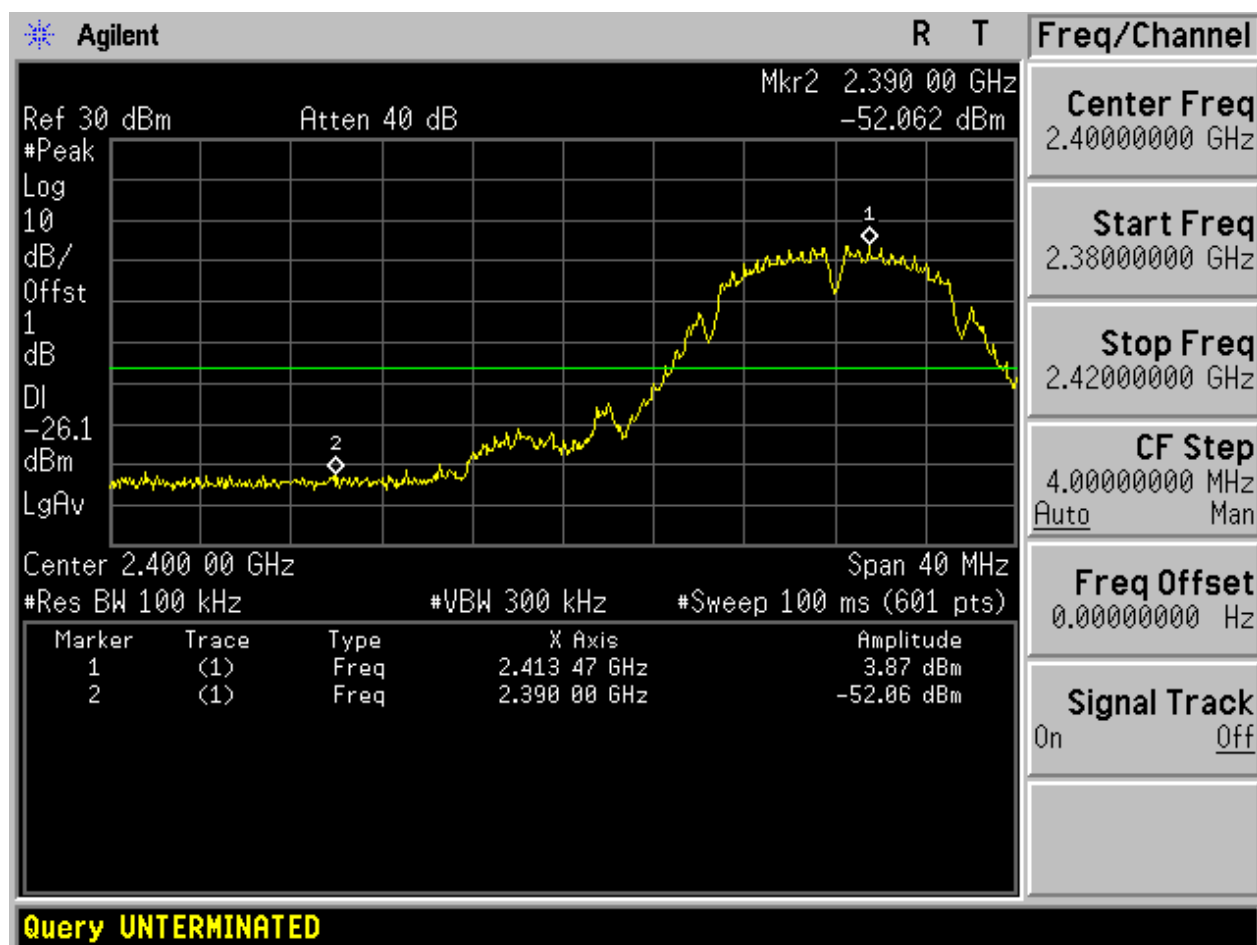
Part II - Test Plots

2.1 11B_L@Ant 1

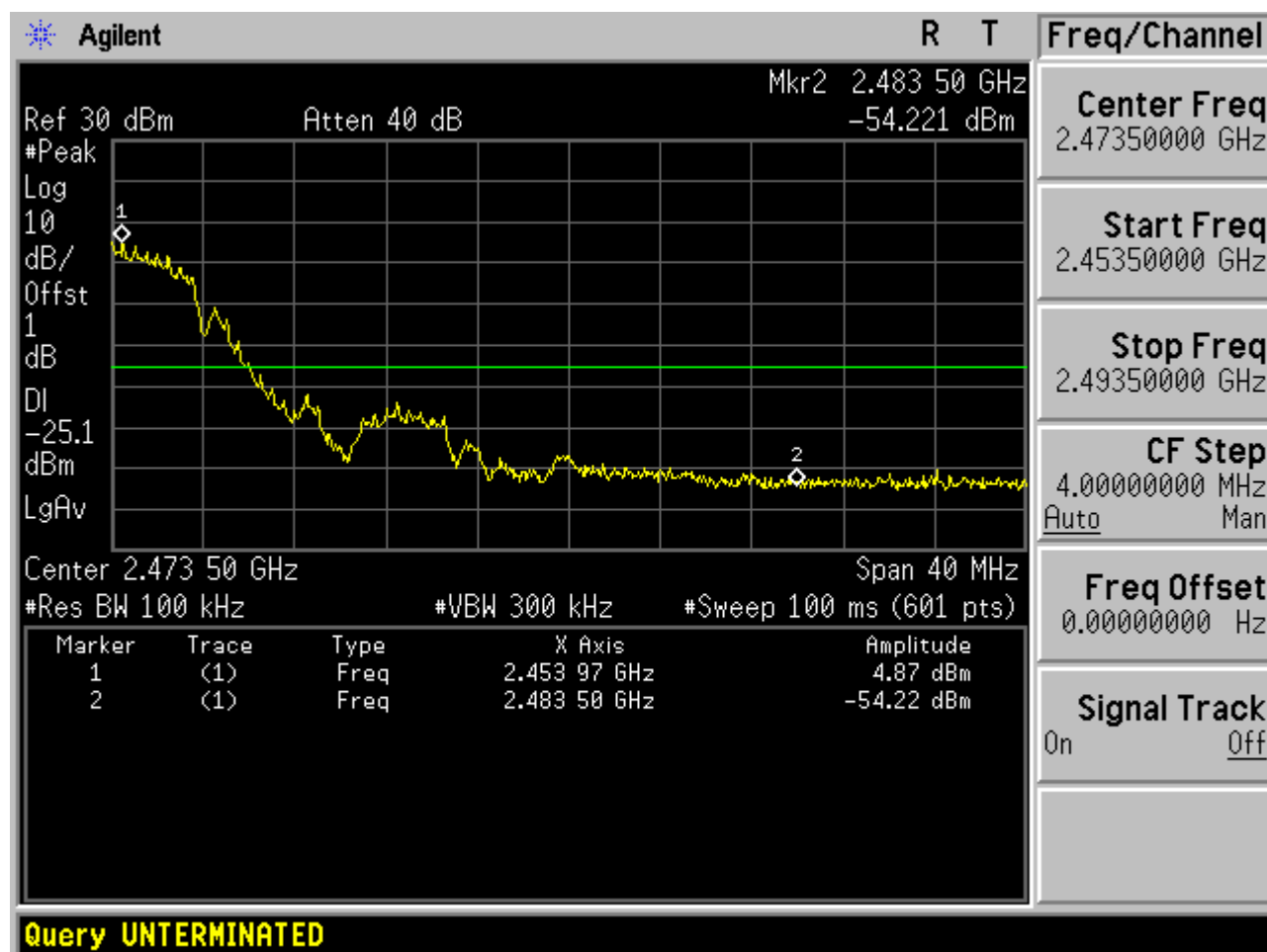




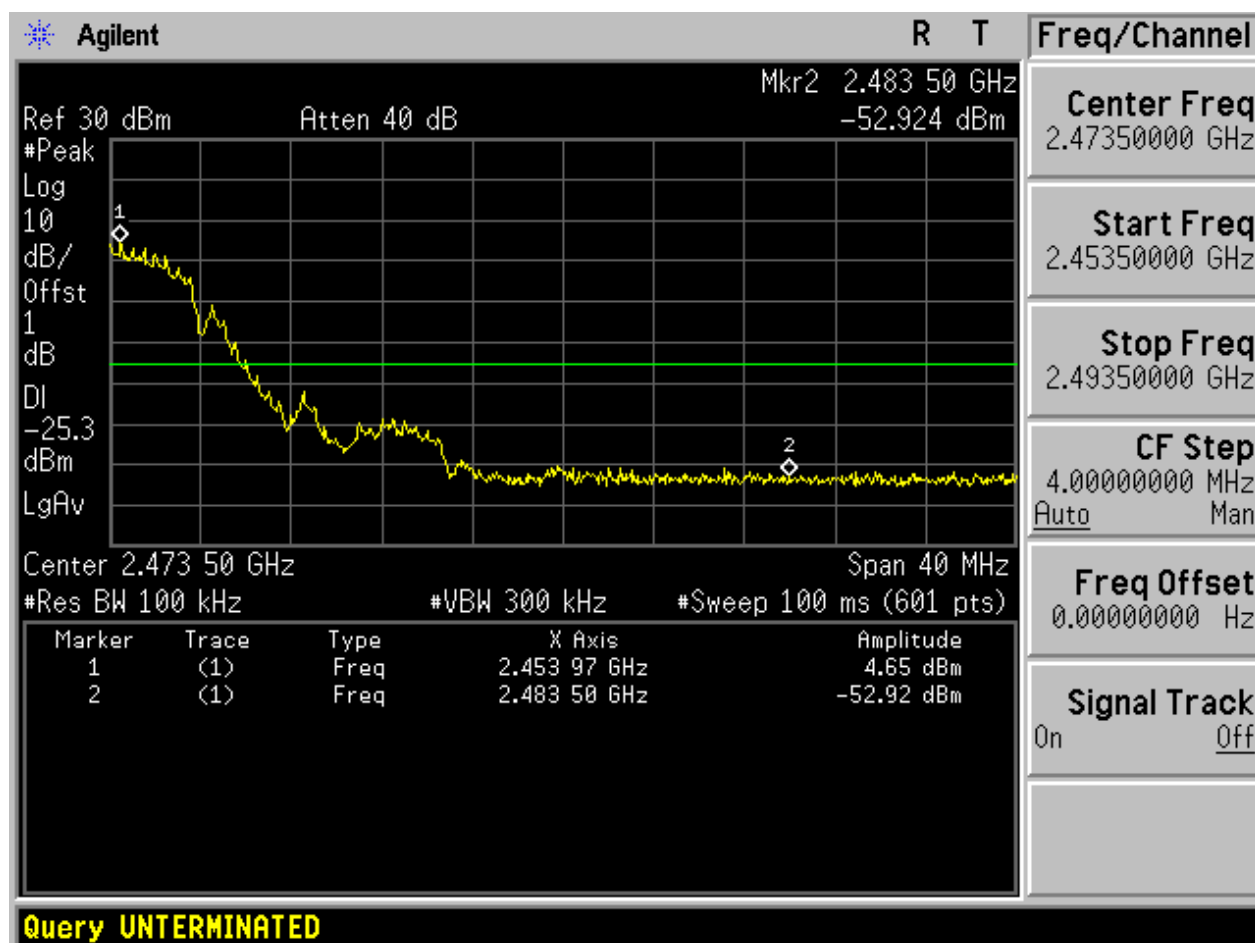
2.2 11B_L@Ant 2



2.3 11B_H@Ant 1

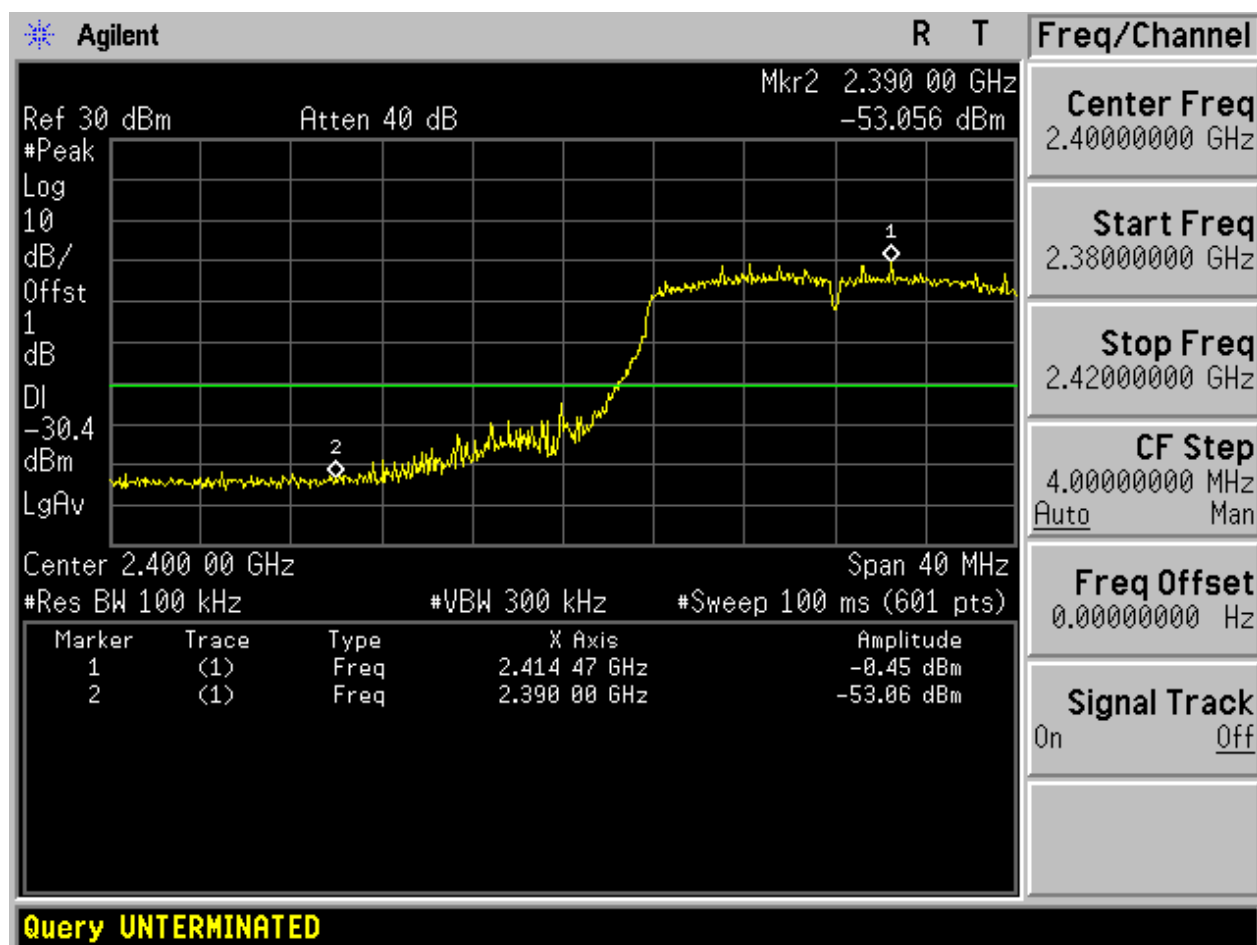


2.4 11B_H@Ant 2



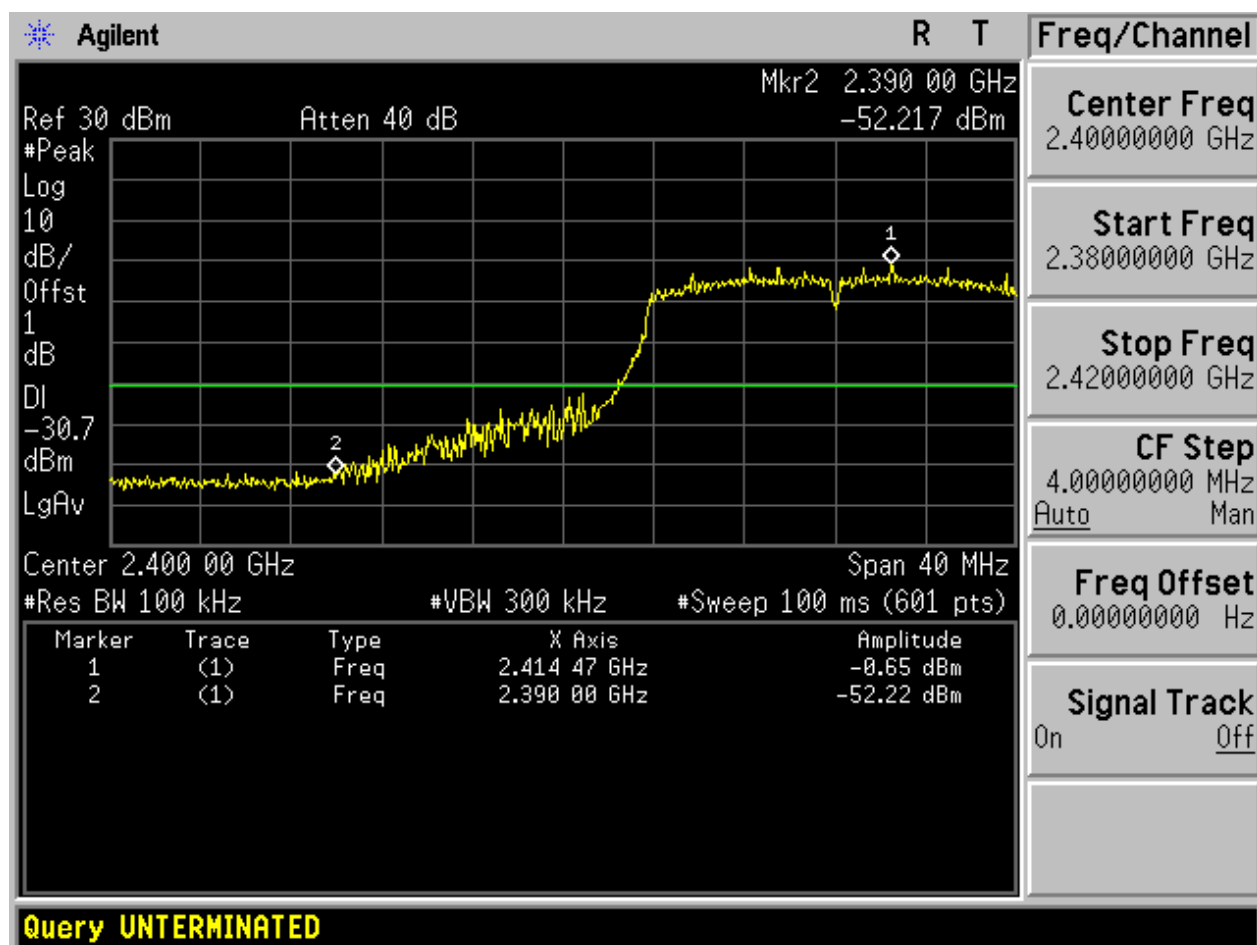


2.5 11G_L@Ant 1

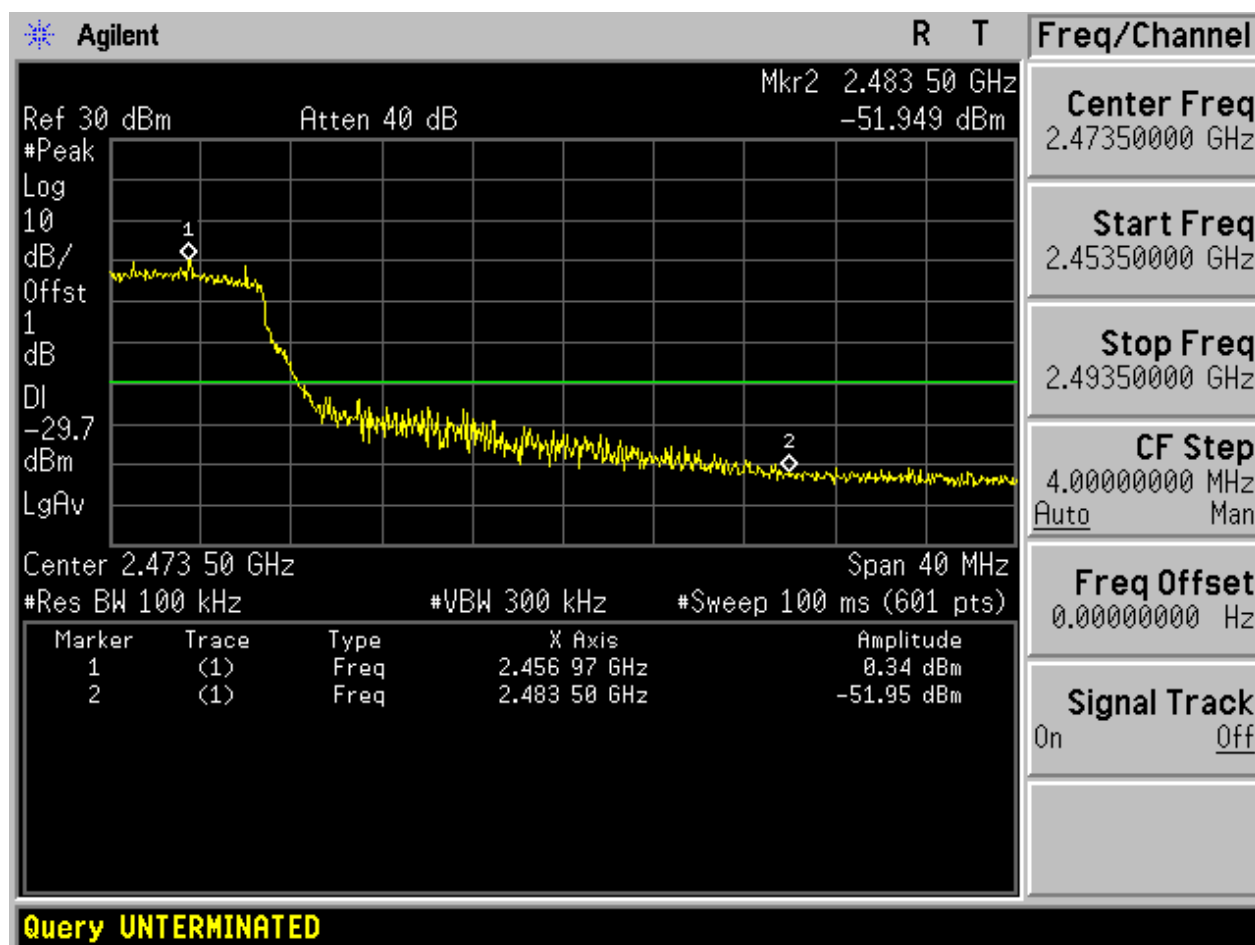




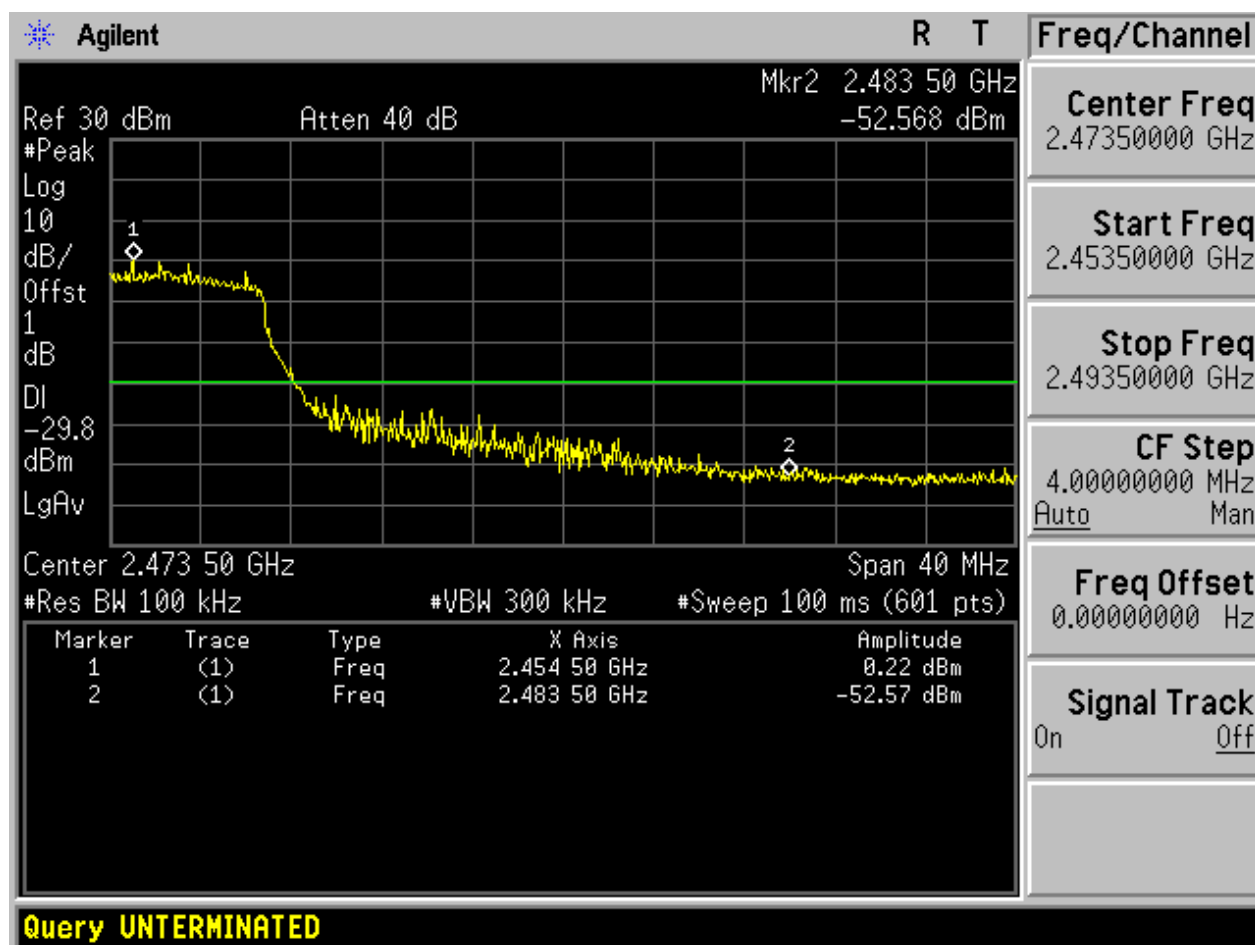
2.6 11G_L@Ant 2



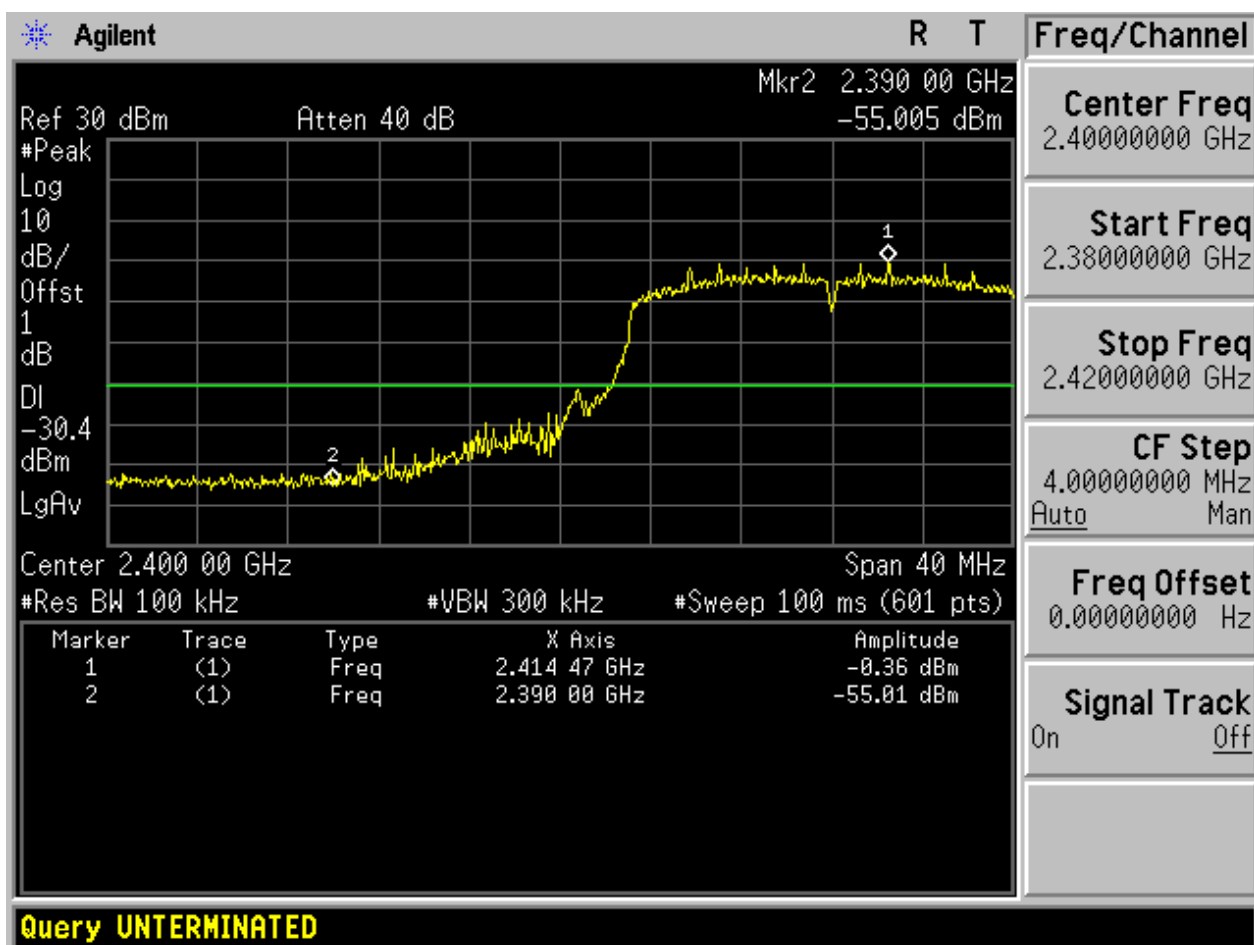
2.7 11G_H@Ant 1



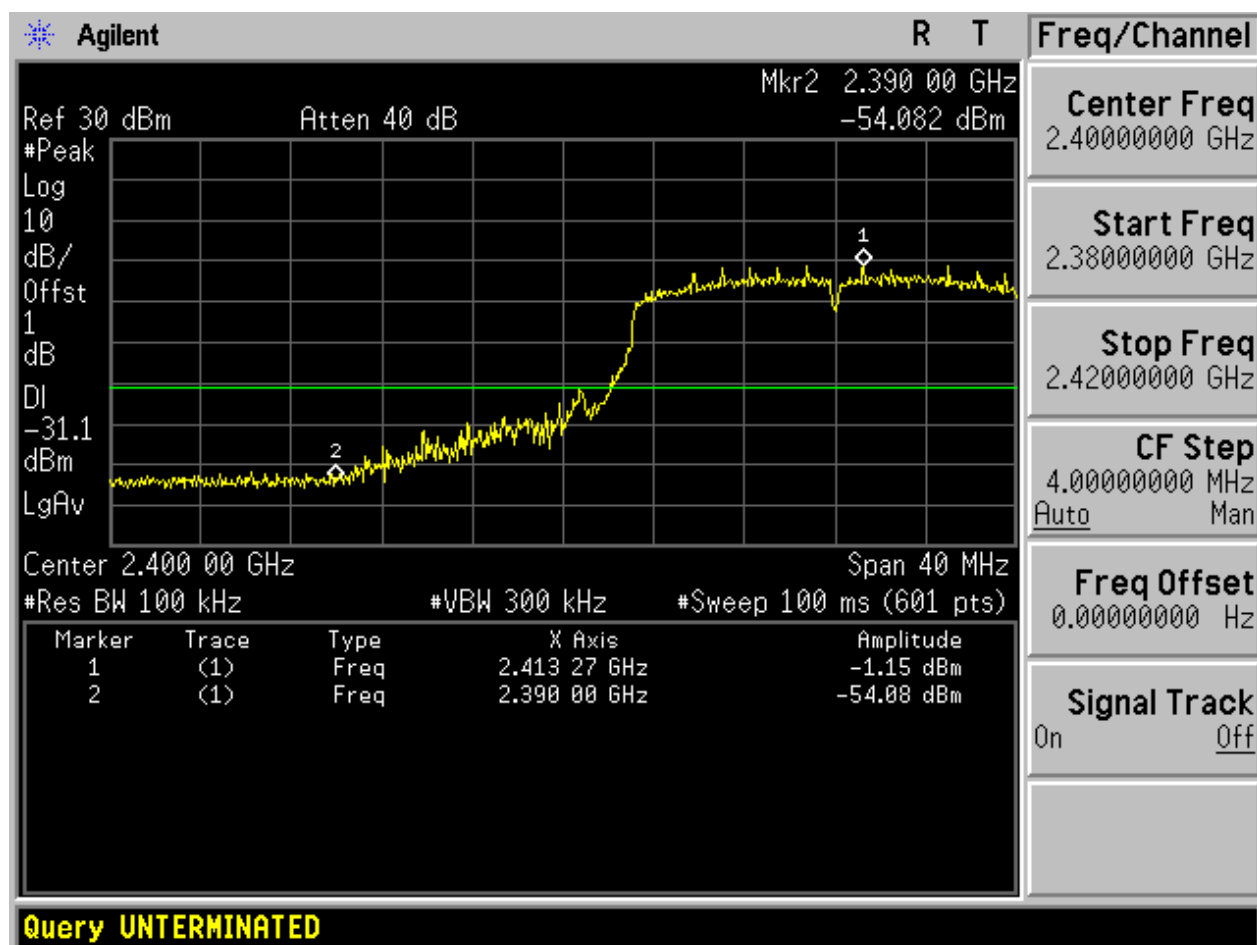
2.8 11G_H@Ant 2



2.9 11N20_L@Ant 1

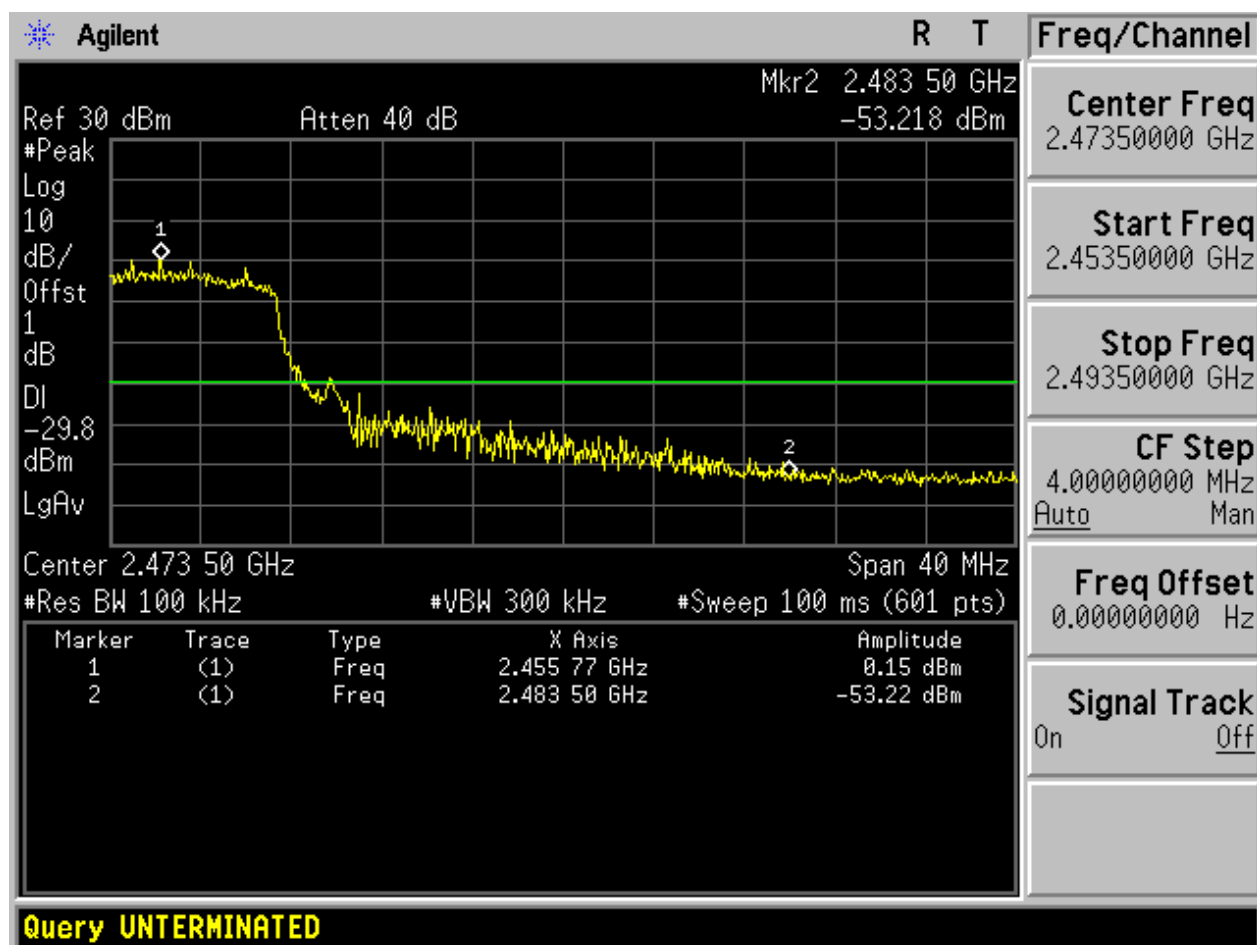


2.10 11N20_L@Ant 2



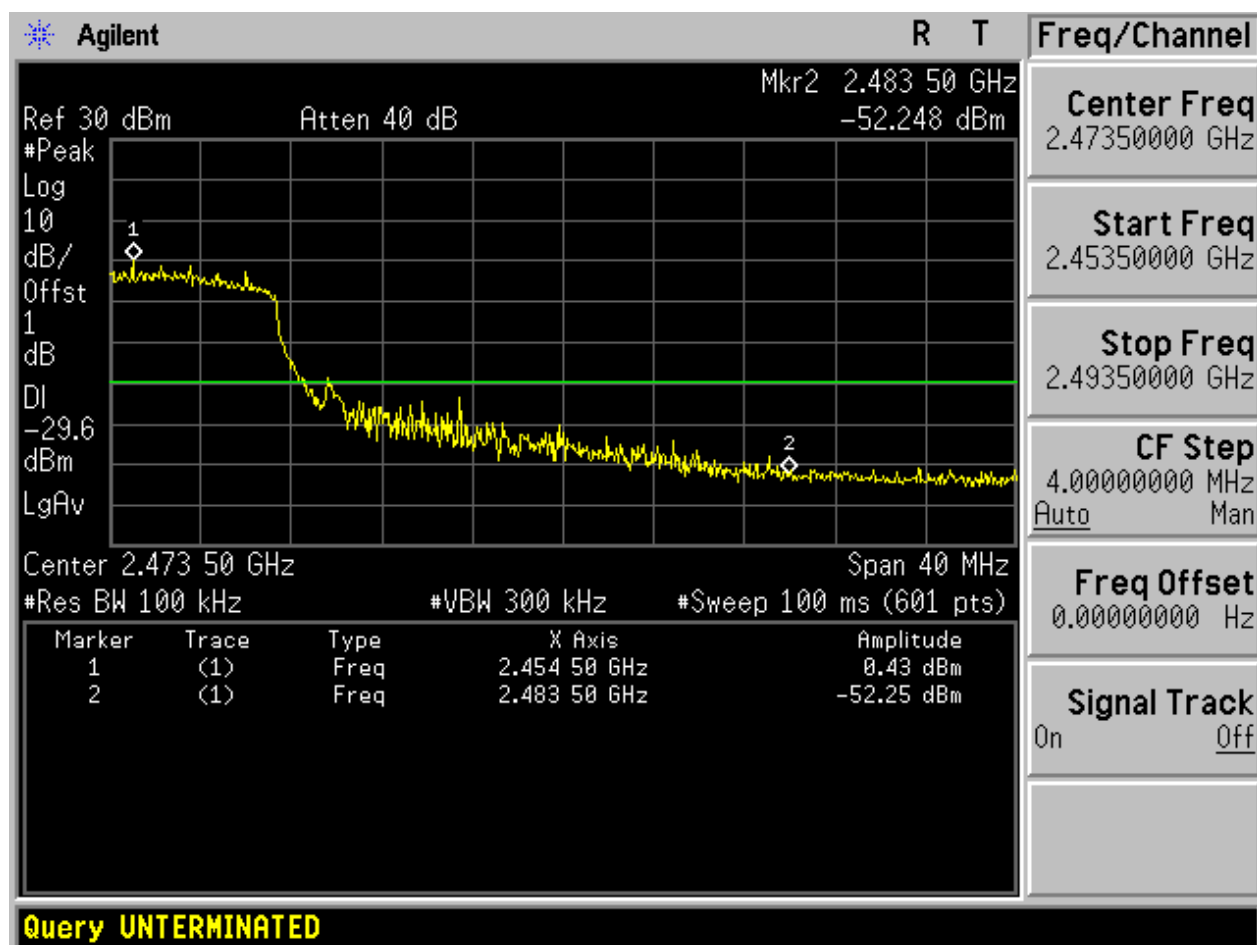


2.11 11N20_H@Ant 1

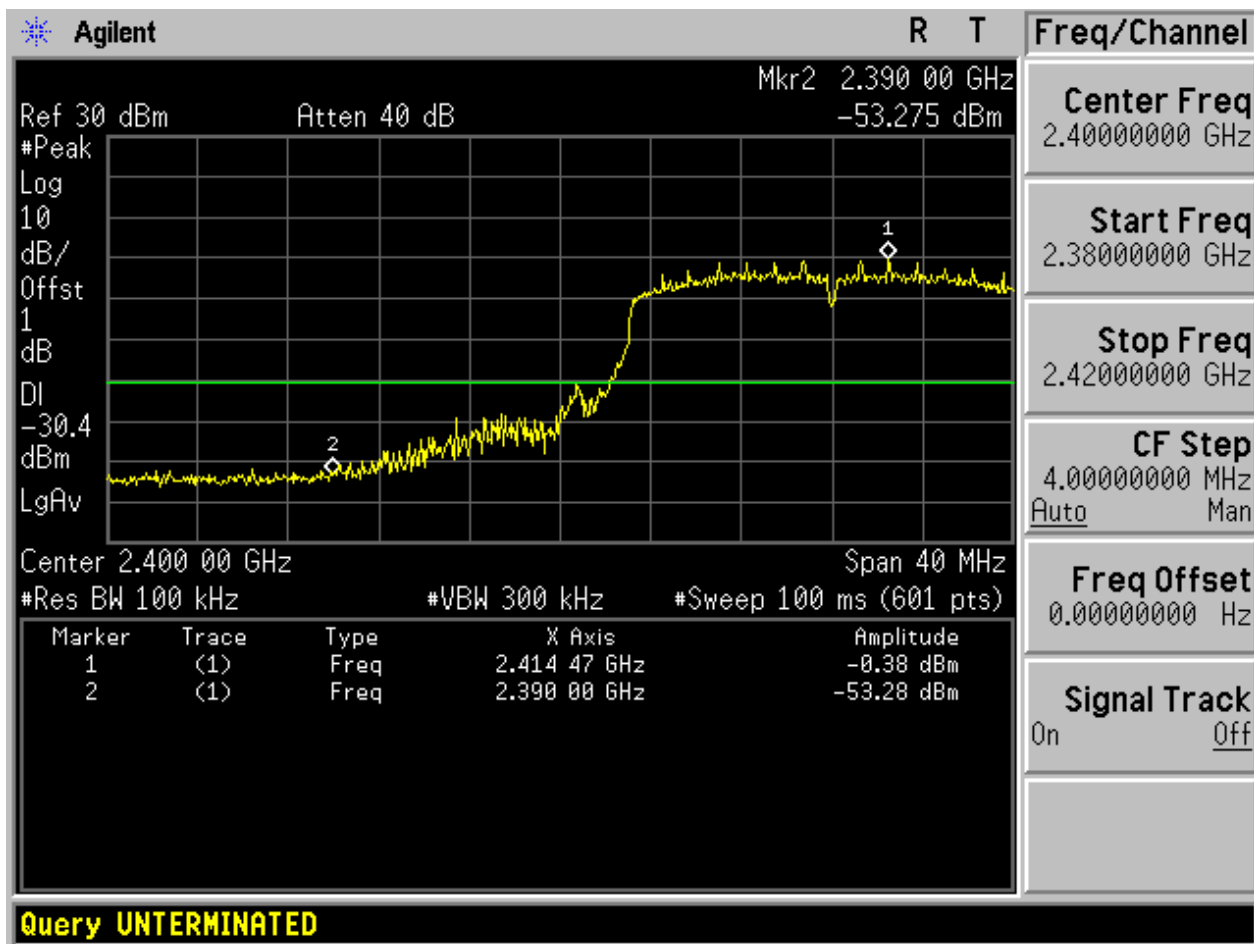




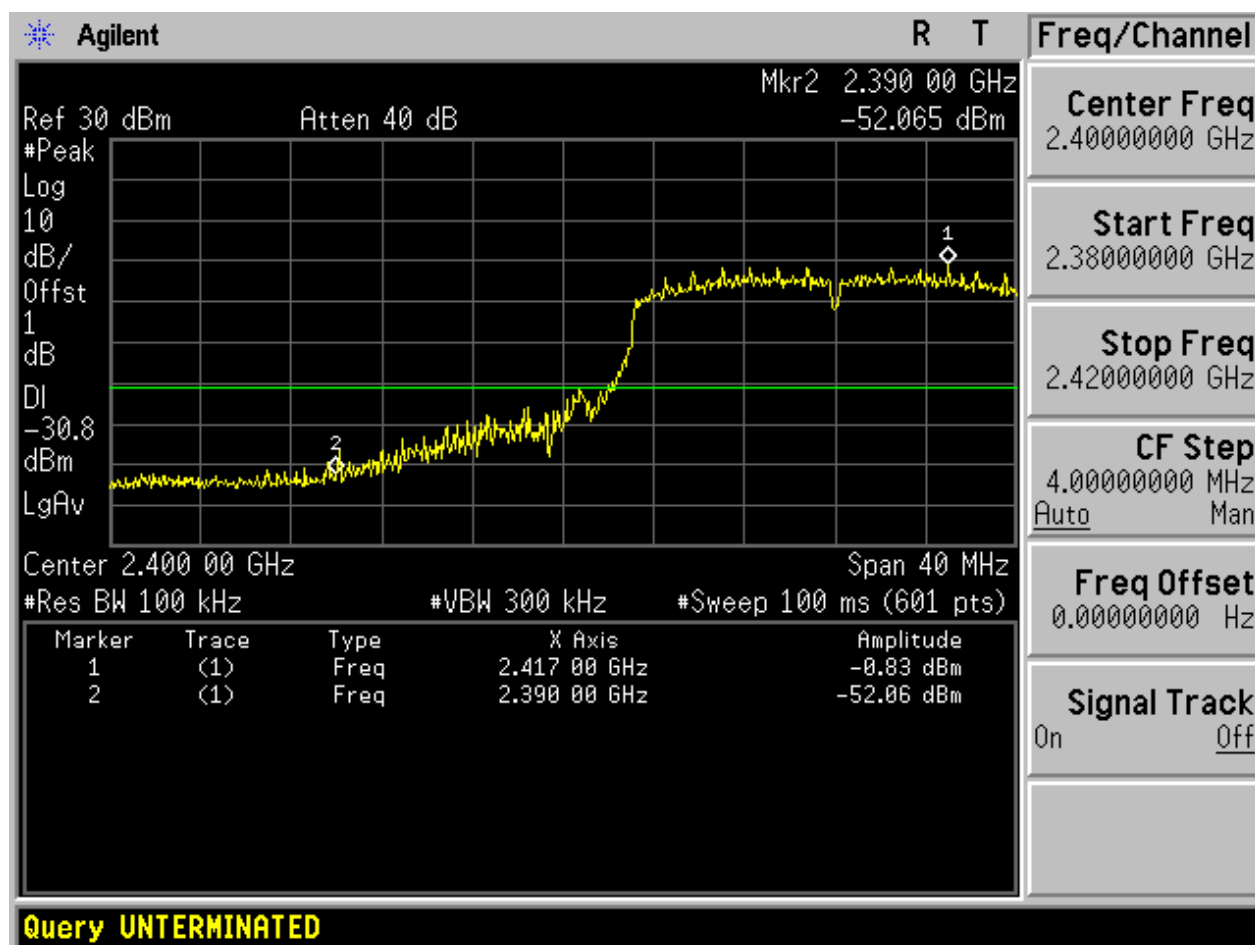
2.12 11N20_H@Ant 2



2.13 11N20m_L@Ant 1

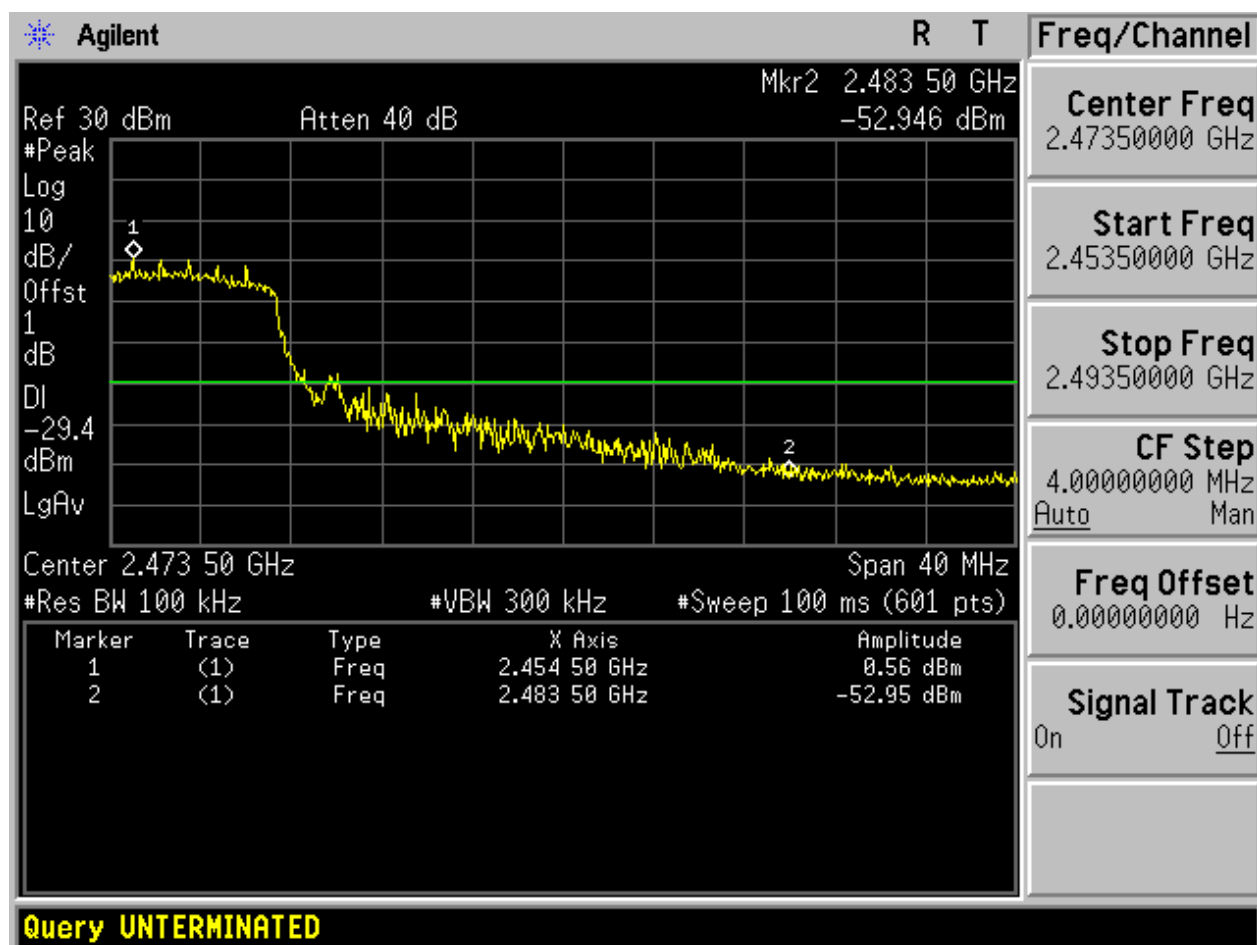


2.14 11N20m_L@Ant 2

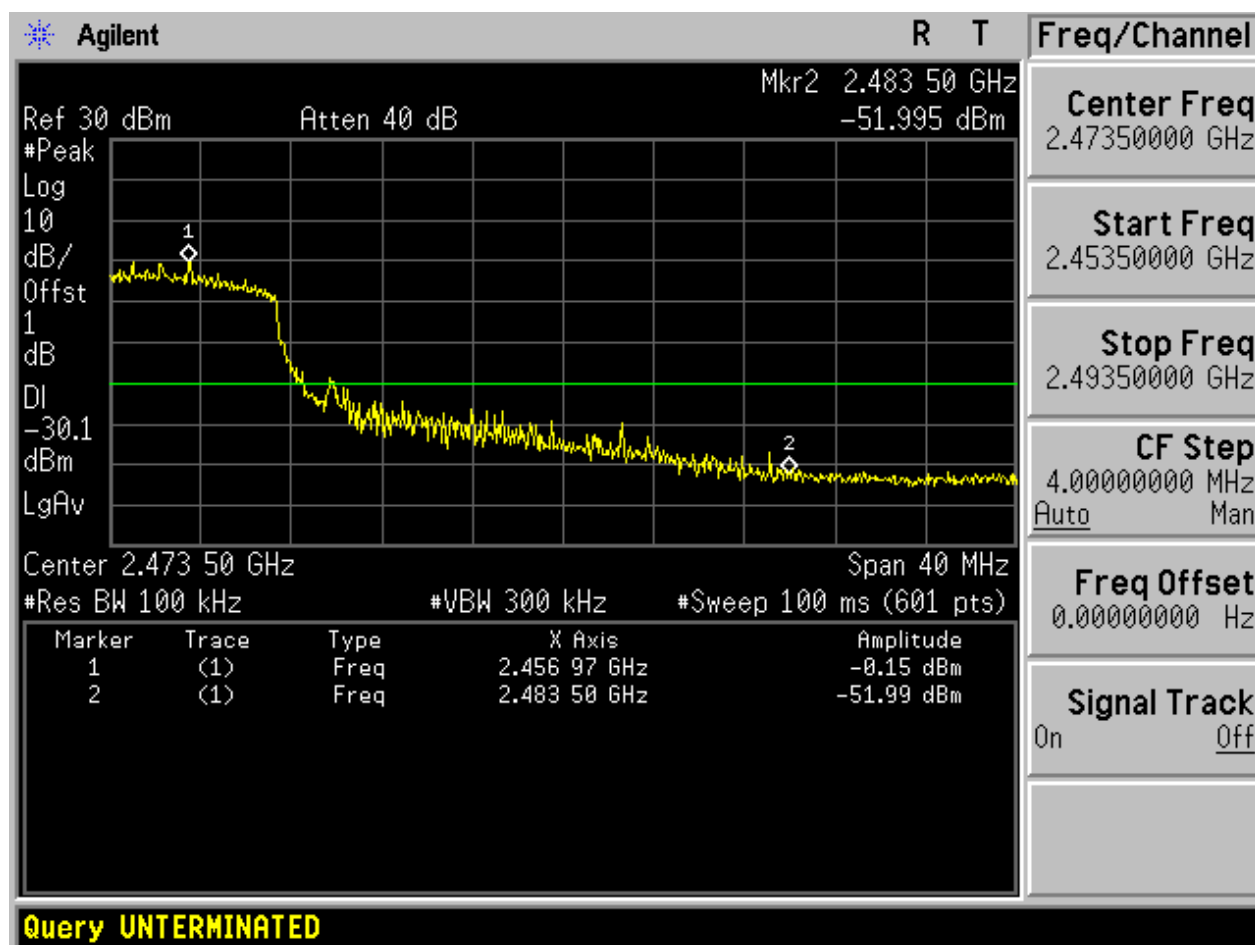




2.15 11N20m_H@Ant 1

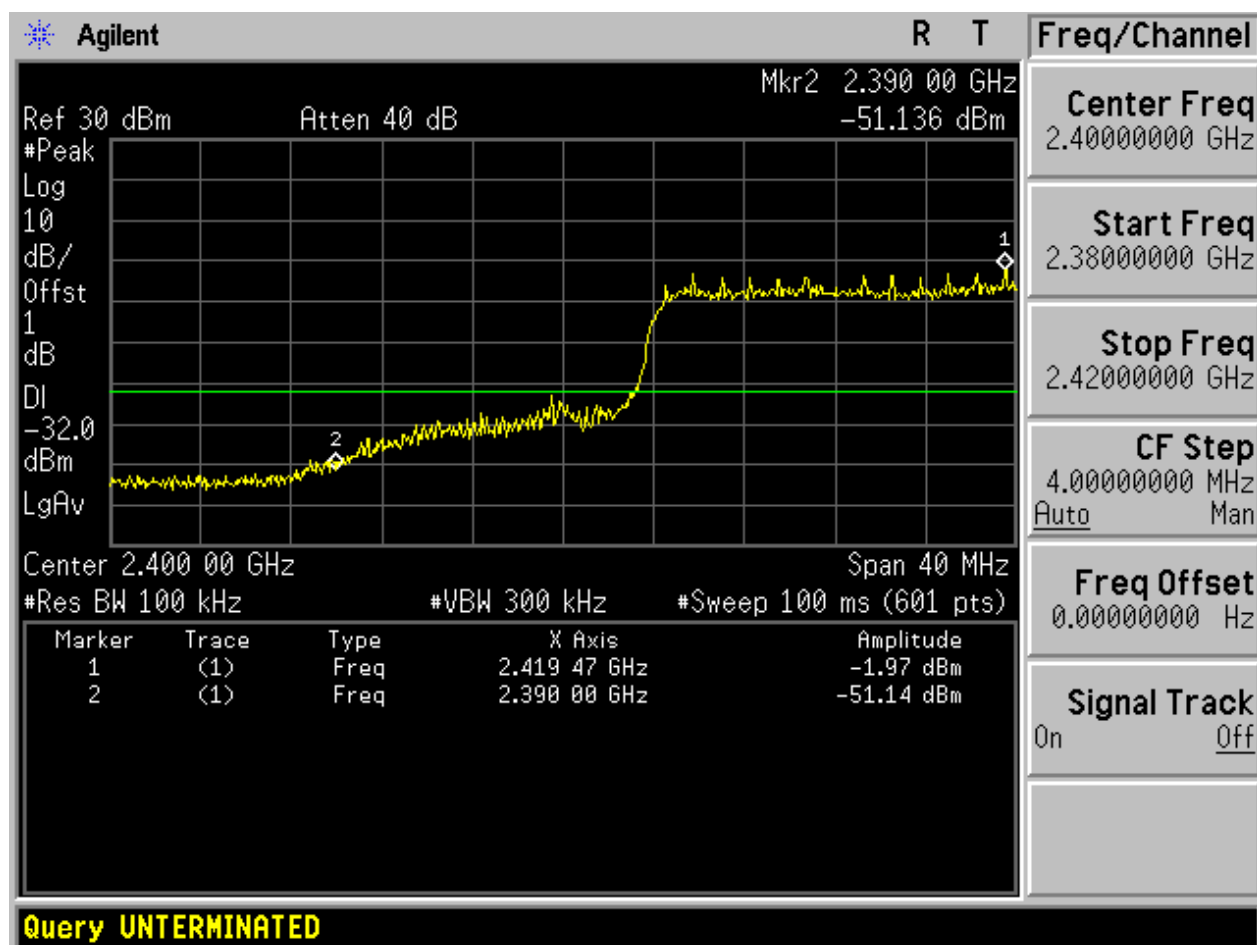


2.16 11N20m_H@Ant 2

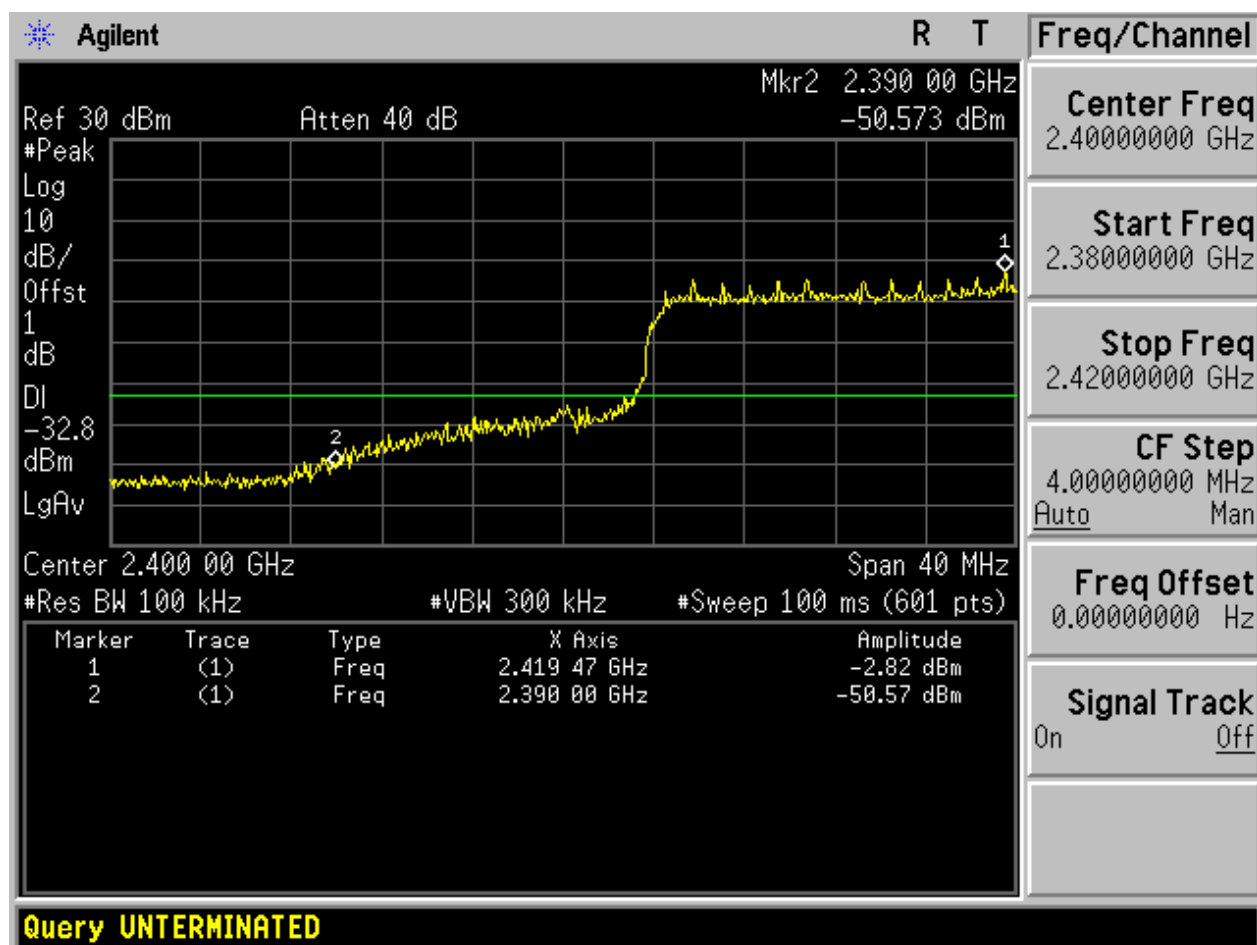




2.17 11N40_L@Ant 1

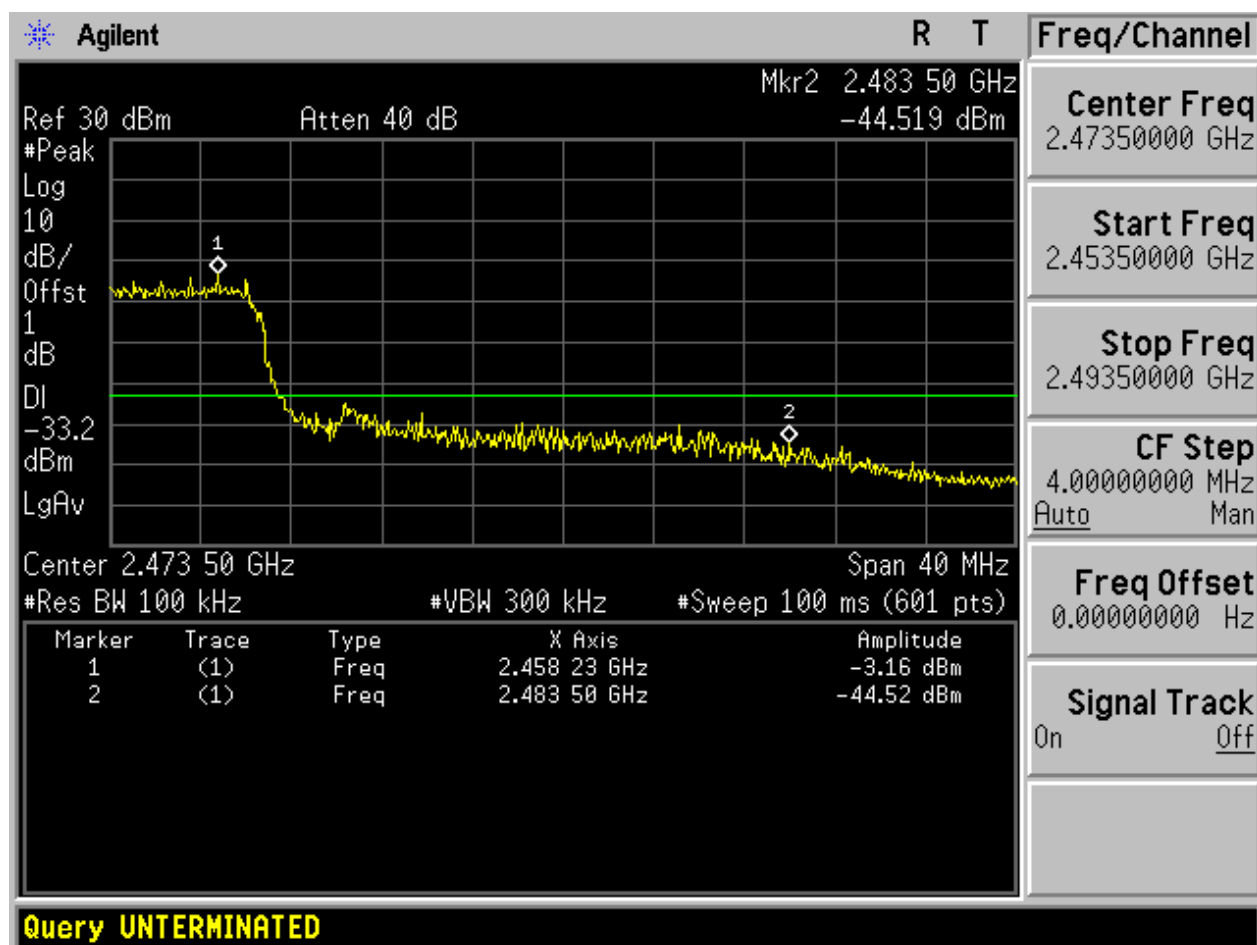


2.18 11N40_L@Ant 2



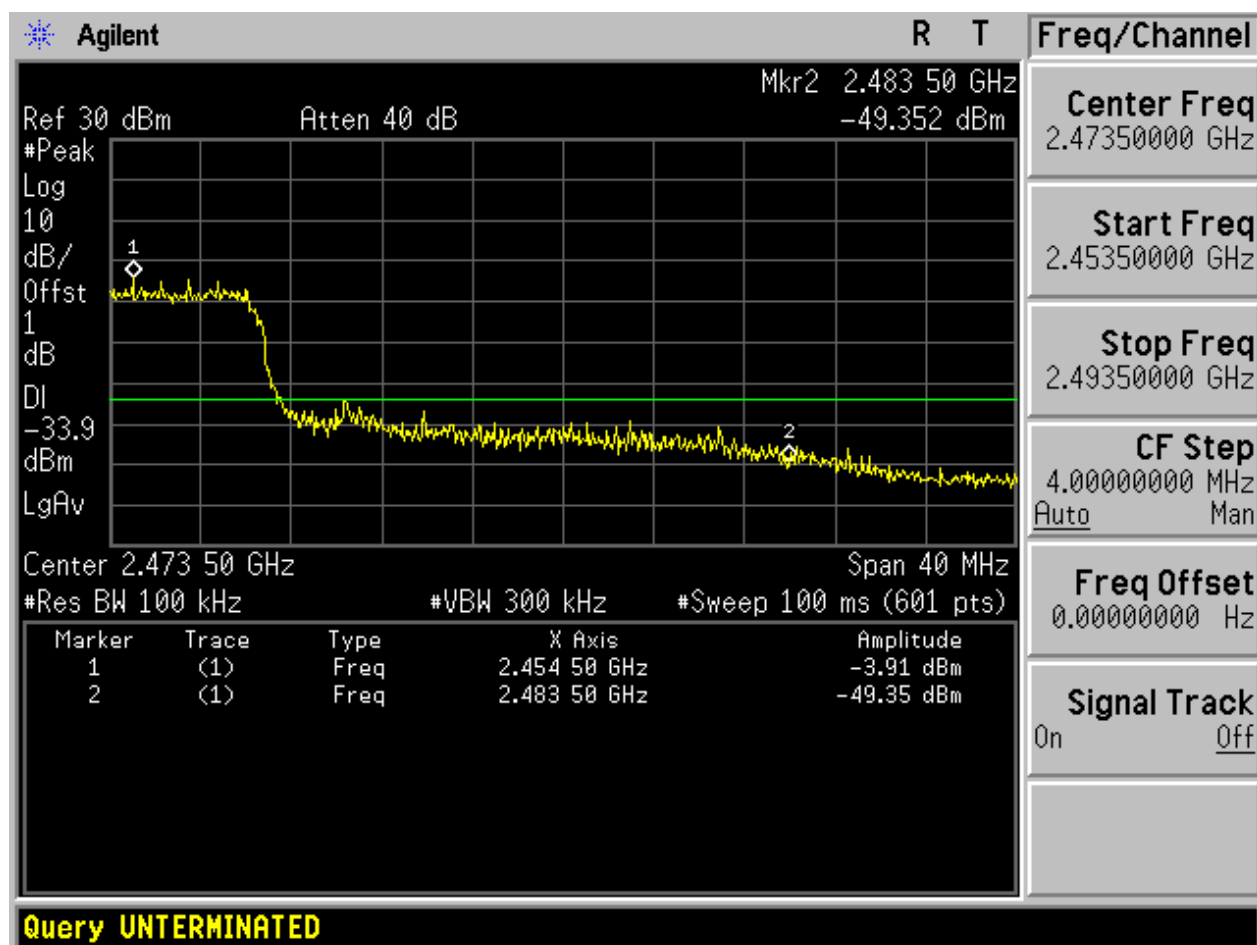


2.19 11N40_H@Ant 1

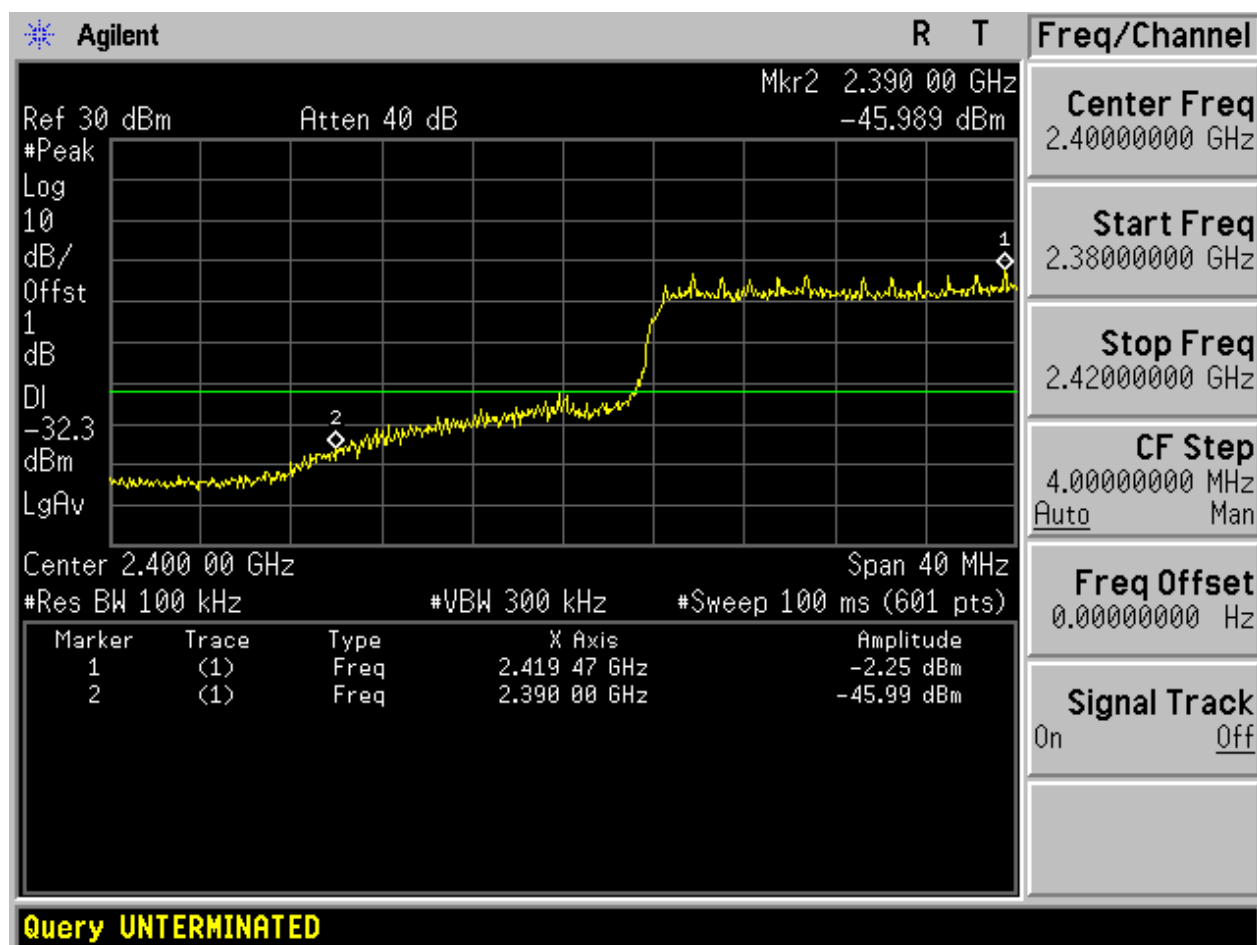




2.20 11N40_H@Ant 2

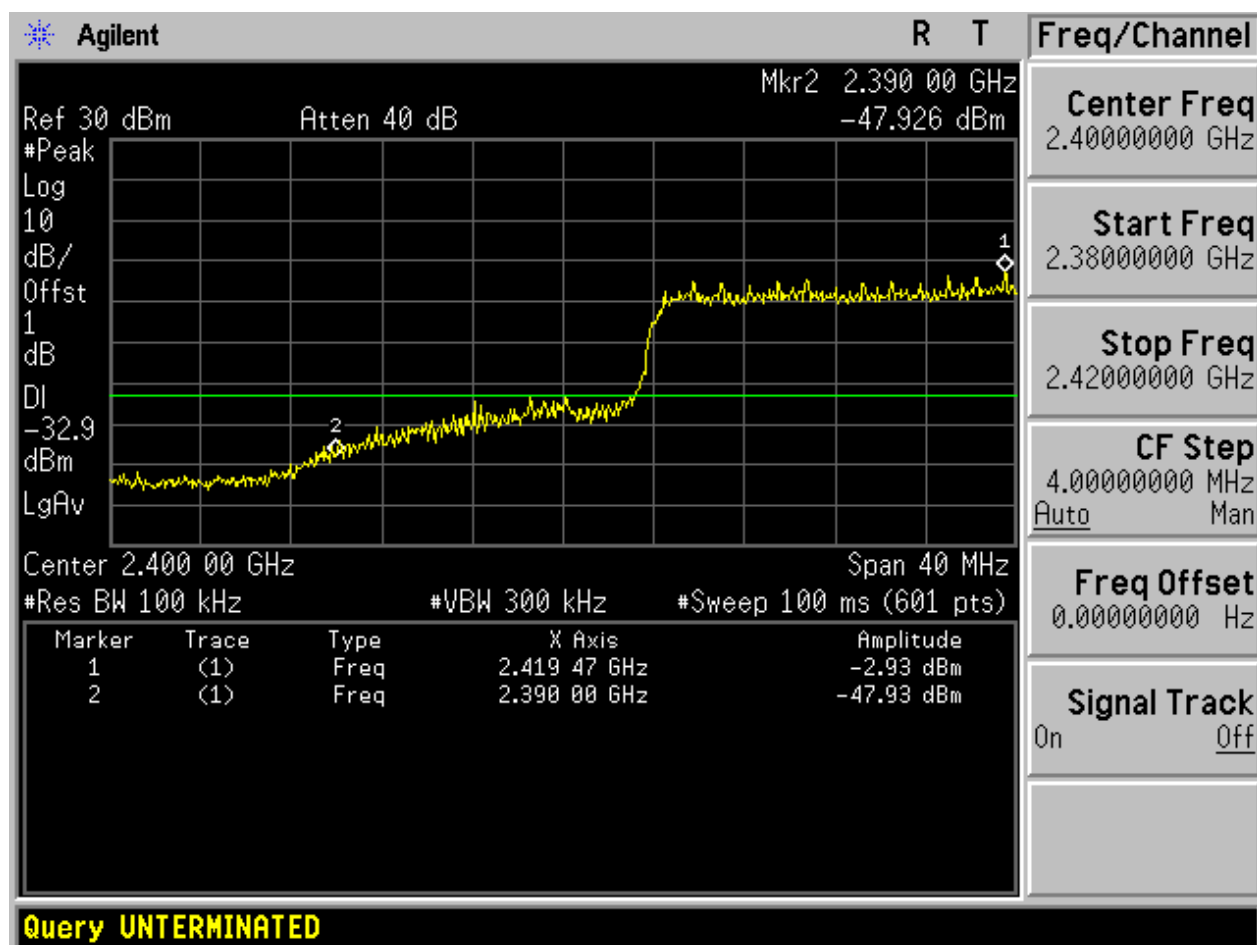


2.21 11N40m_L@Ant 1

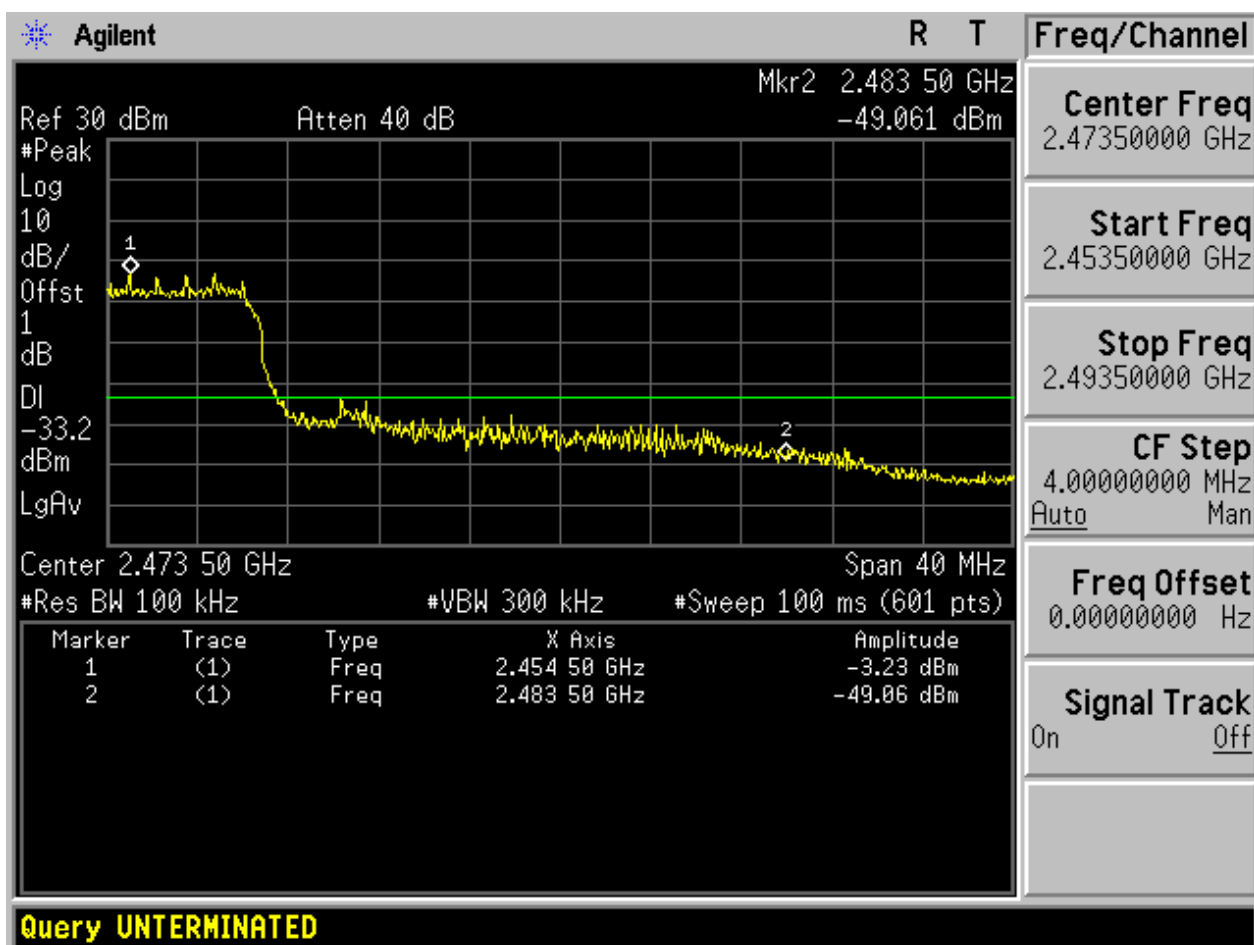




2.22 11N40m_L@Ant 2

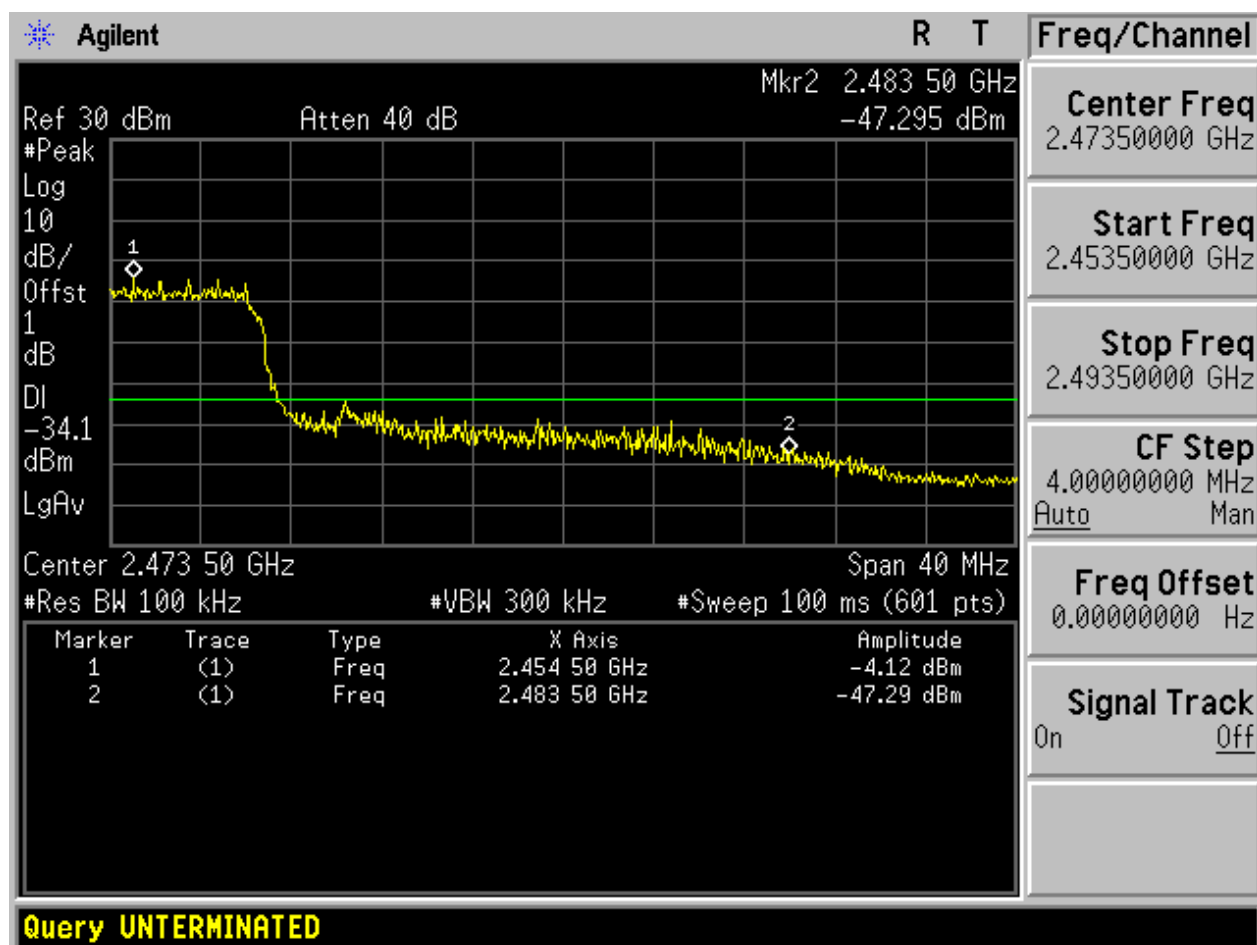


2.23 11N40m_H@Ant 1





2.24 11N40m_H@Ant 2



Appendix 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

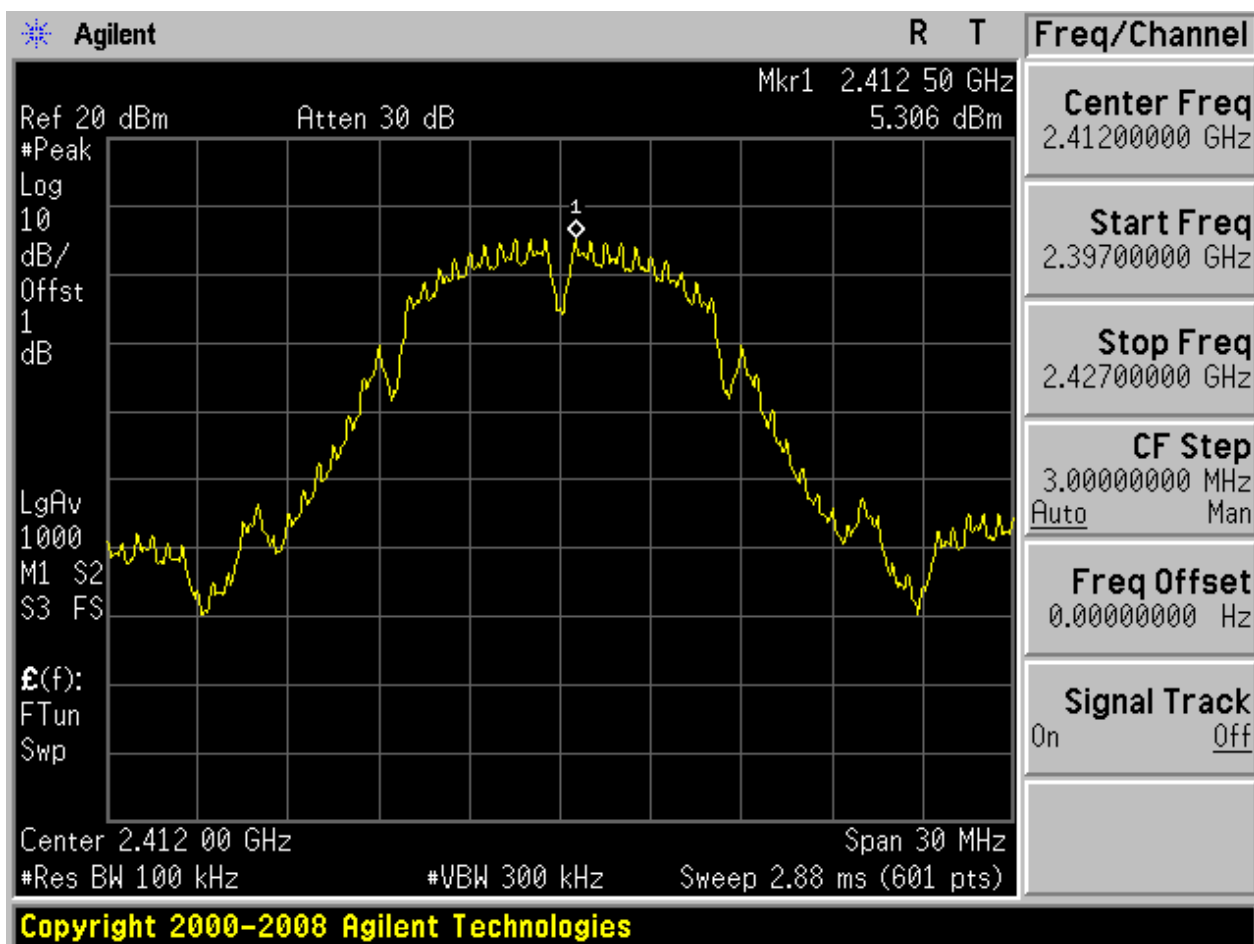
Test Mode	Test Channel	Frequency[MHz]	Ant	Pref[dBm]	Puw[dBm]	Verdict
11B	L	2412	Ant 1	5.31	<limit	pass
11B	L	2412	Ant 2	4.48	<limit	pass
11B	M	2432	Ant 1	5.84	<limit	pass
11B	M	2432	Ant 2	4.69	<limit	pass
11B	H	2452	Ant 1	5.65	<limit	pass
11B	H	2452	Ant 2	5.48	<limit	pass
11G	L	2412	Ant 1	-0.22	<limit	pass
11G	L	2412	Ant 2	-0.43	<limit	pass
11G	M	2432	Ant 1	0.79	<limit	pass
11G	M	2432	Ant 2	-0.74	<limit	pass
11G	H	2452	Ant 1	0.69	<limit	pass
11G	H	2452	Ant 2	0.39	<limit	pass
11N20	L	2412	Ant 1	0.02	<limit	pass
11N20	L	2412	Ant 2	-0.40	<limit	pass
11N20	M	2432	Ant 1	0.85	<limit	pass
11N20	M	2432	Ant 2	-0.53	<limit	pass
11N20	H	2452	Ant 1	0.65	<limit	pass
11N20	H	2452	Ant 2	0.62	<limit	pass
11N20m	L	2412	Ant 1	-0.12	<limit	pass

Test Mode	Test Channel	Frequency[MHz]	Ant	Pref[dBm]	Puw[dBm]	Verdict
11N20m	L	2412	Ant 2	-0.53	<limit	pass
11N20m	M	2432	Ant 1	0.86	<limit	pass
11N20m	M	2432	Ant 2	-0.71	<limit	pass
11N20m	H	2452	Ant 1	0.78	<limit	pass
11N20m	H	2452	Ant 2	0.11	<limit	pass
11N40	L	2422	Ant 1	-1.36	<limit	pass
11N40	L	2422	Ant 2	-2.43	<limit	pass
11N40	M	2432	Ant 1	-1.05	<limit	pass
11N40	M	2432	Ant 2	-2.34	<limit	pass
11N40	H	2442	Ant 1	-1.70	<limit	pass
11N40	H	2442	Ant 2	-2.64	<limit	pass
11N40m	L	2422	Ant 1	-1.62	<limit	pass
11N40m	L	2422	Ant 2	-2.26	<limit	pass
11N40m	M	2432	Ant 1	-0.93	<limit	pass
11N40m	M	2432	Ant 2	-2.01	<limit	pass
11N40m	H	2442	Ant 1	-1.58	<limit	pass
11N40m	H	2442	Ant 2	-2.44	<limit	pass

Part II - Test Plots

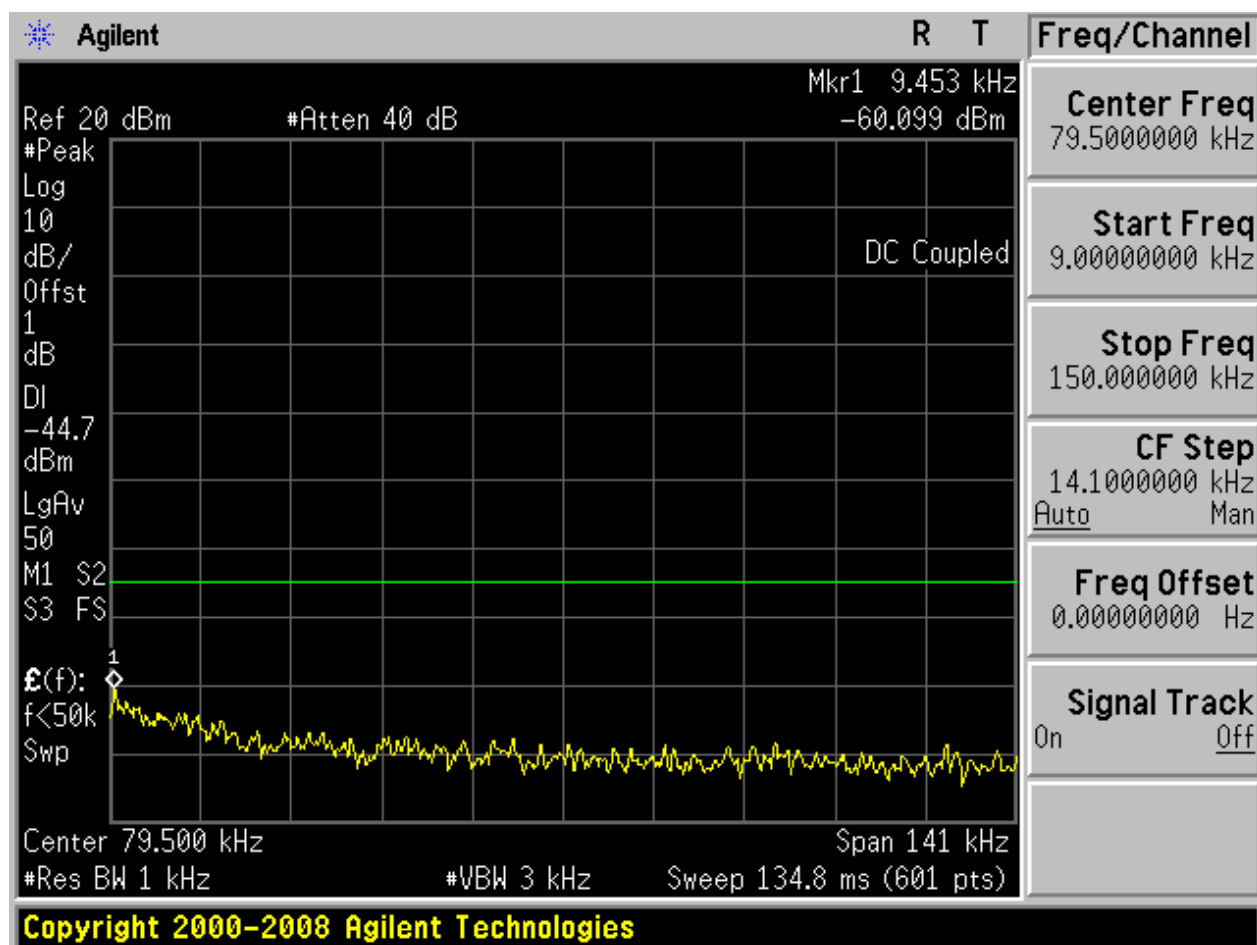
2.1 11B_L@Ant 1

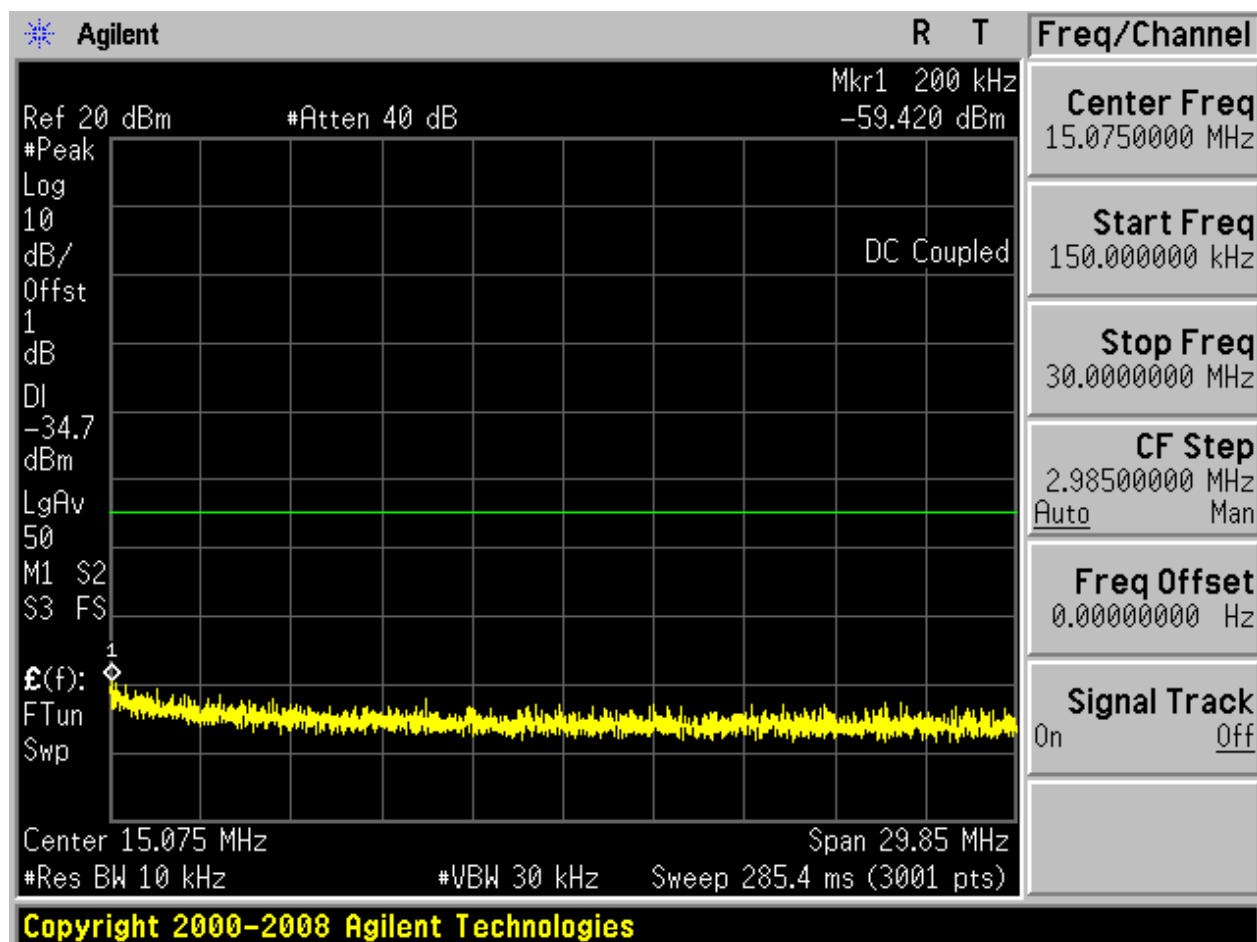
Pref:

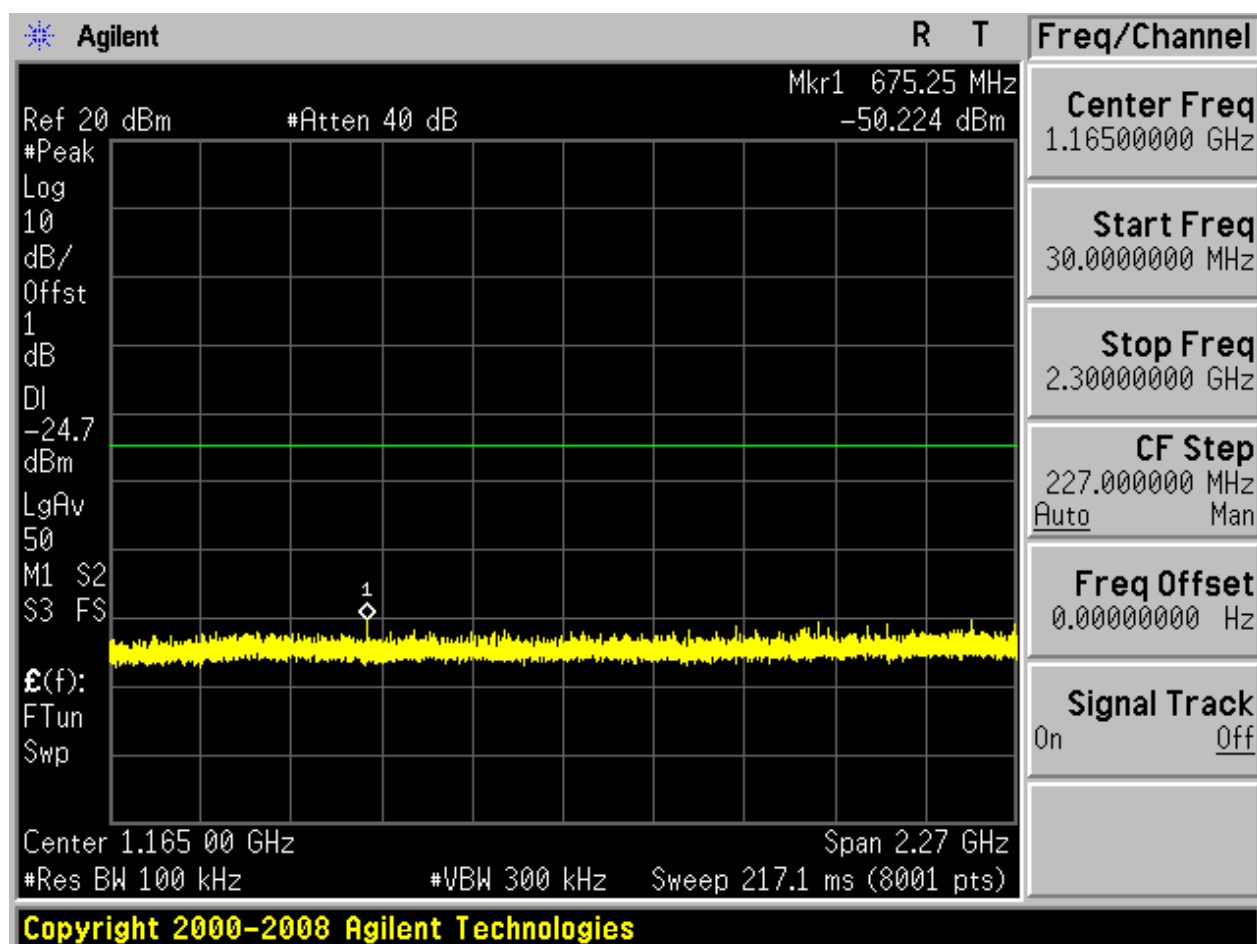


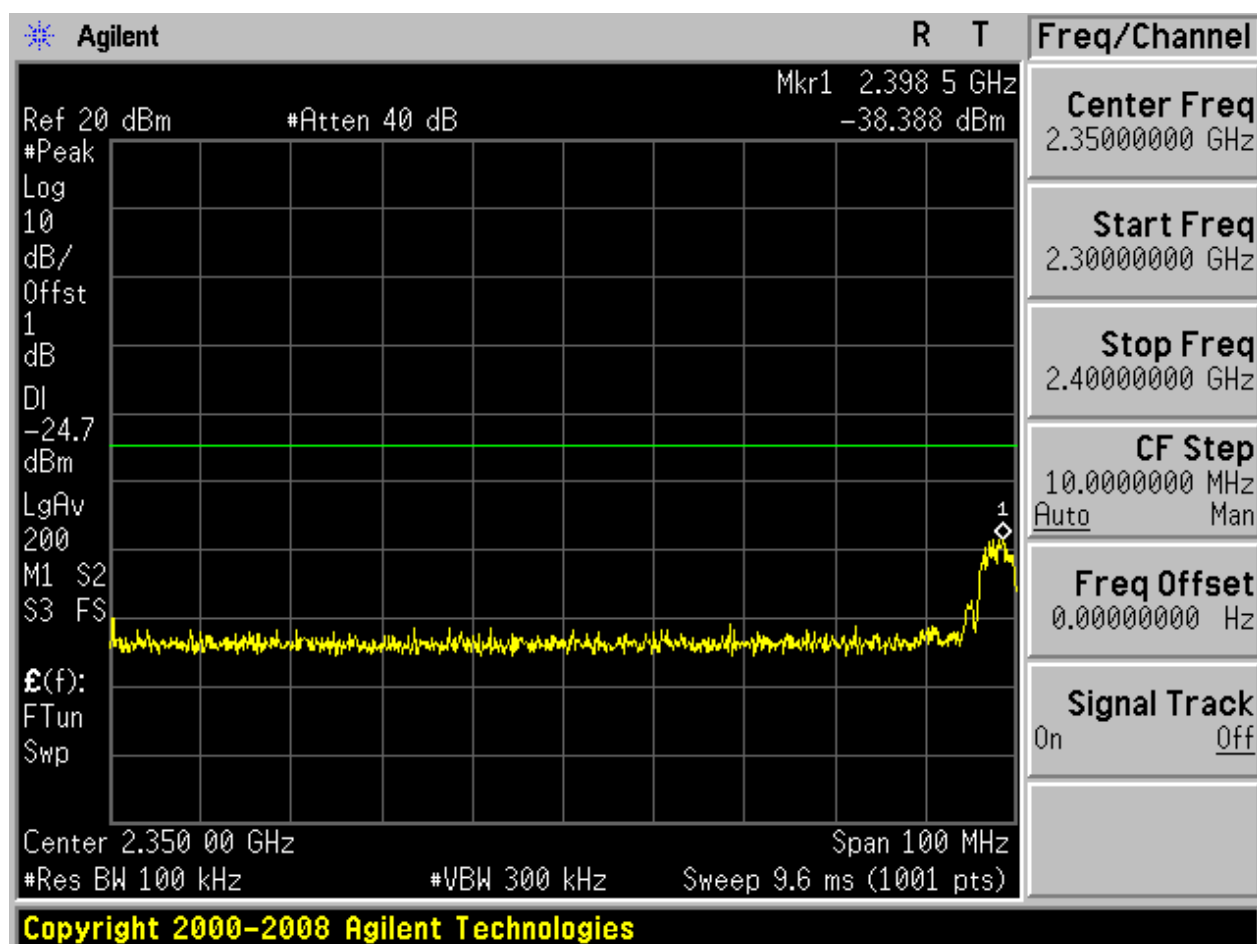


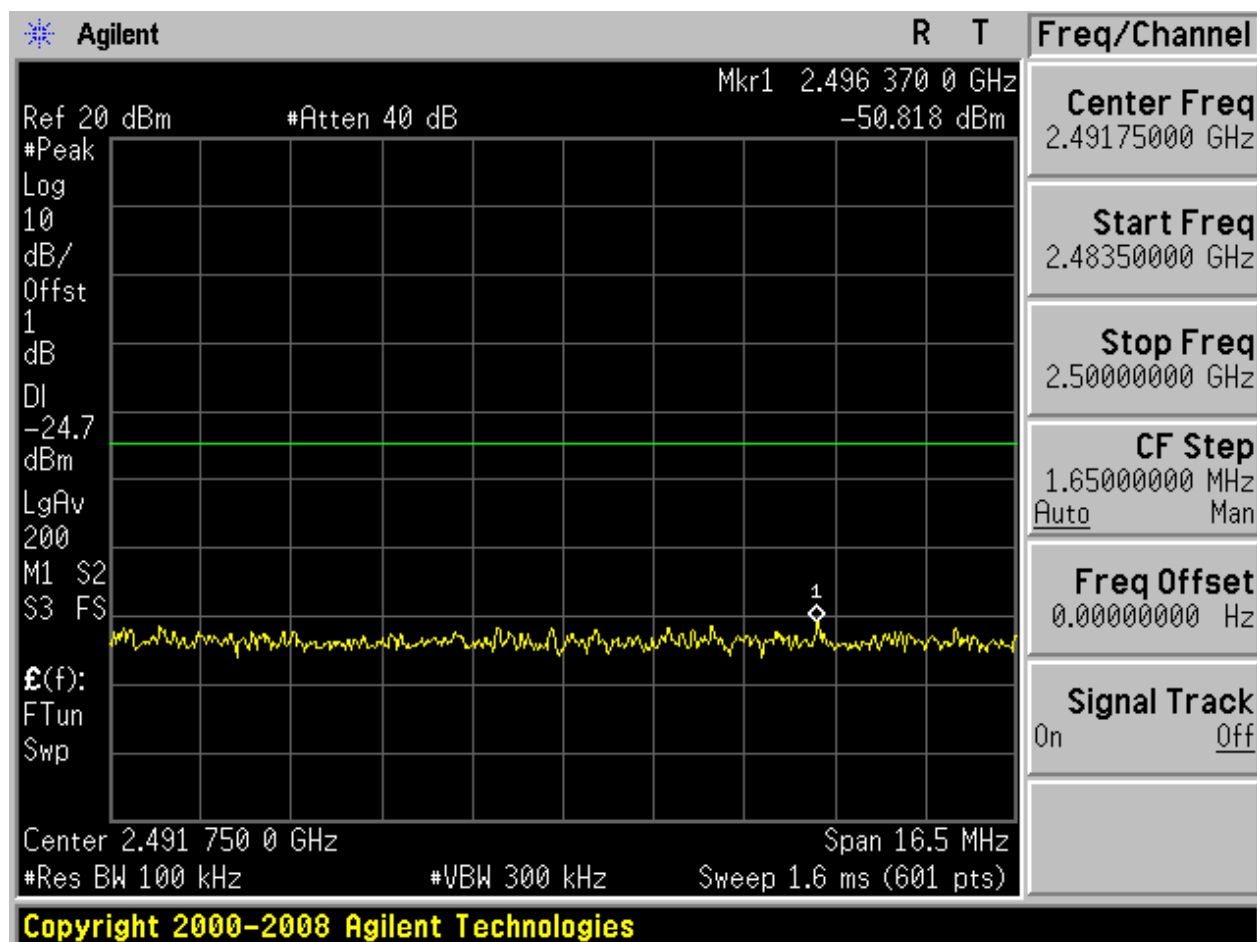
Puw:

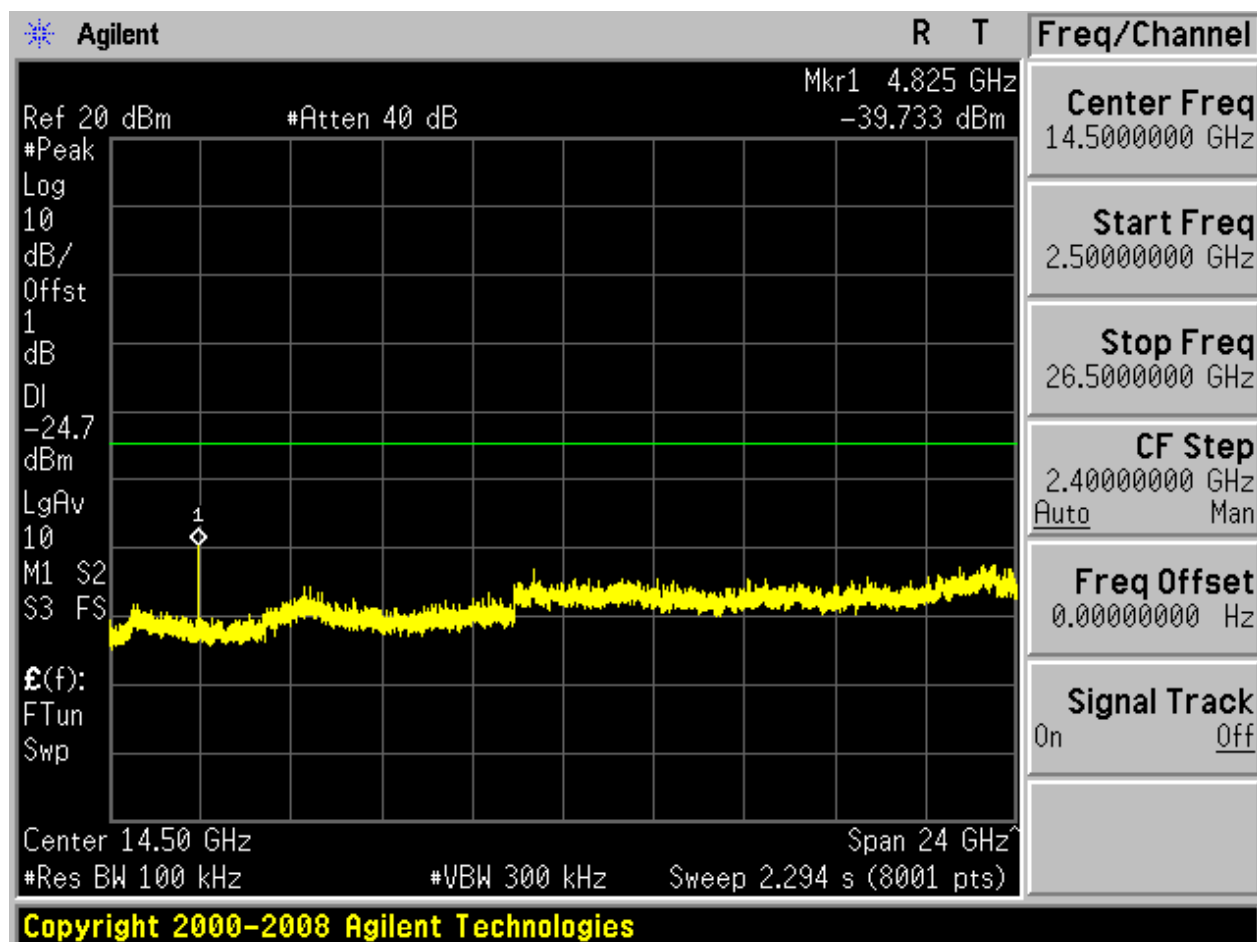






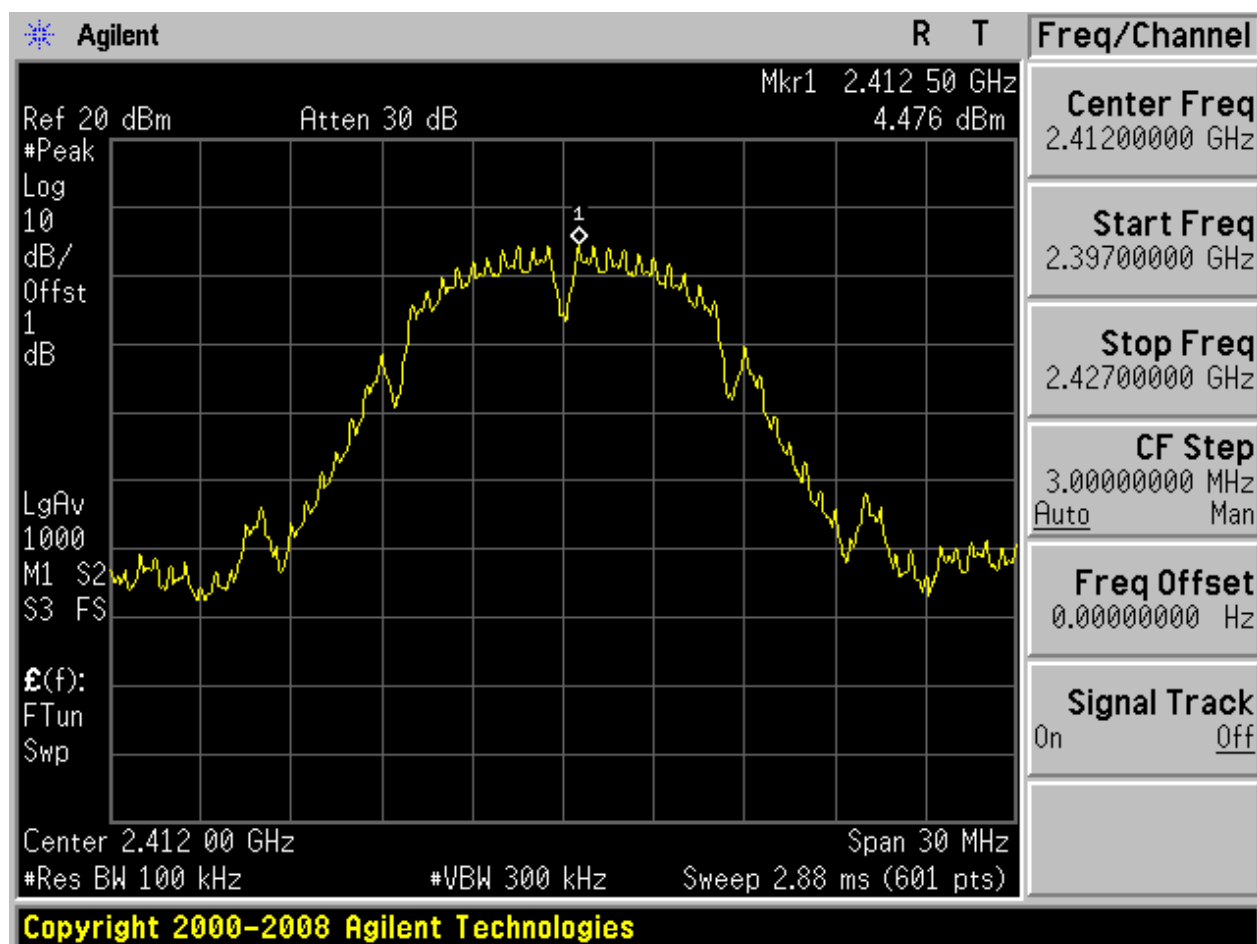






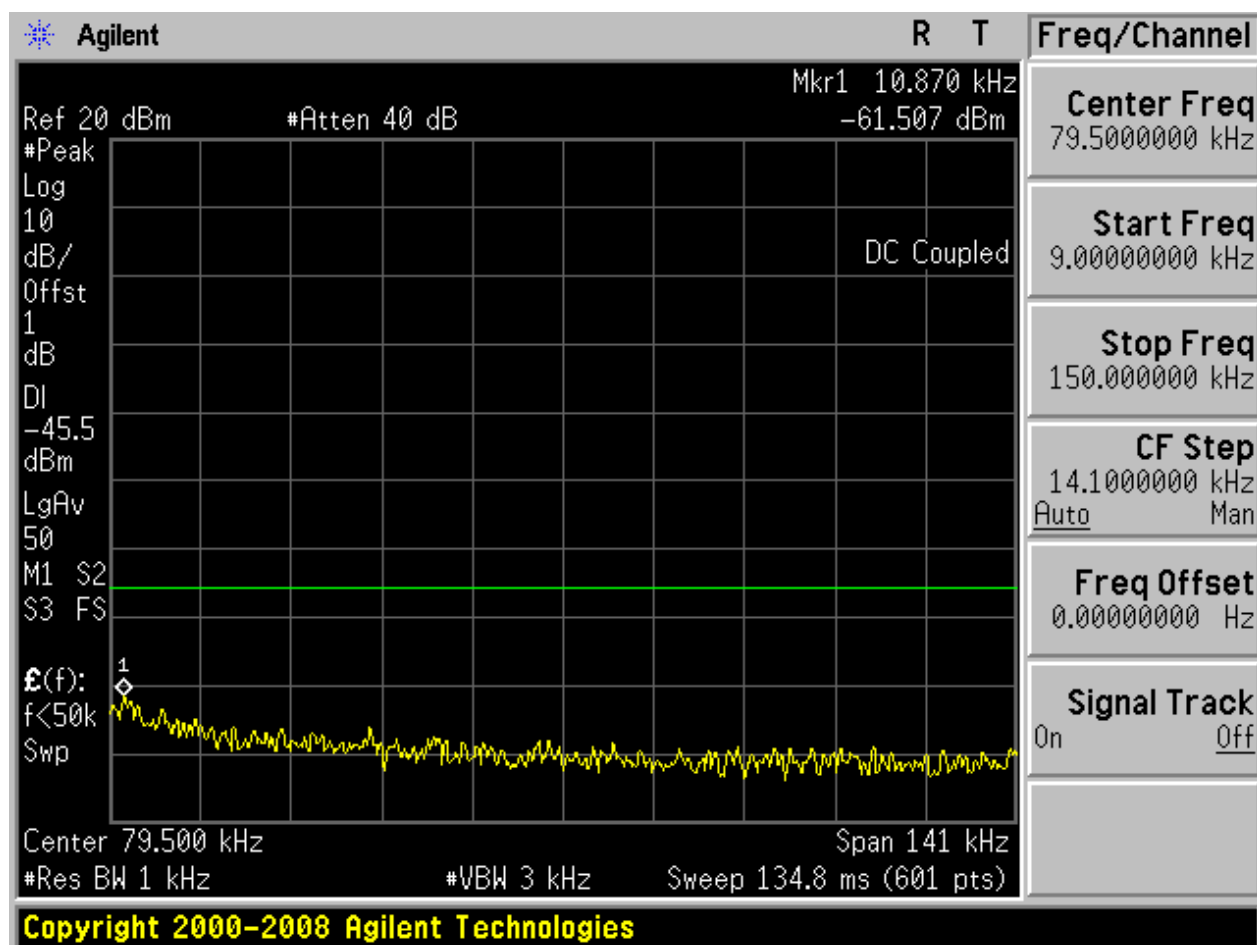
2.2 11B_L@Ant 2

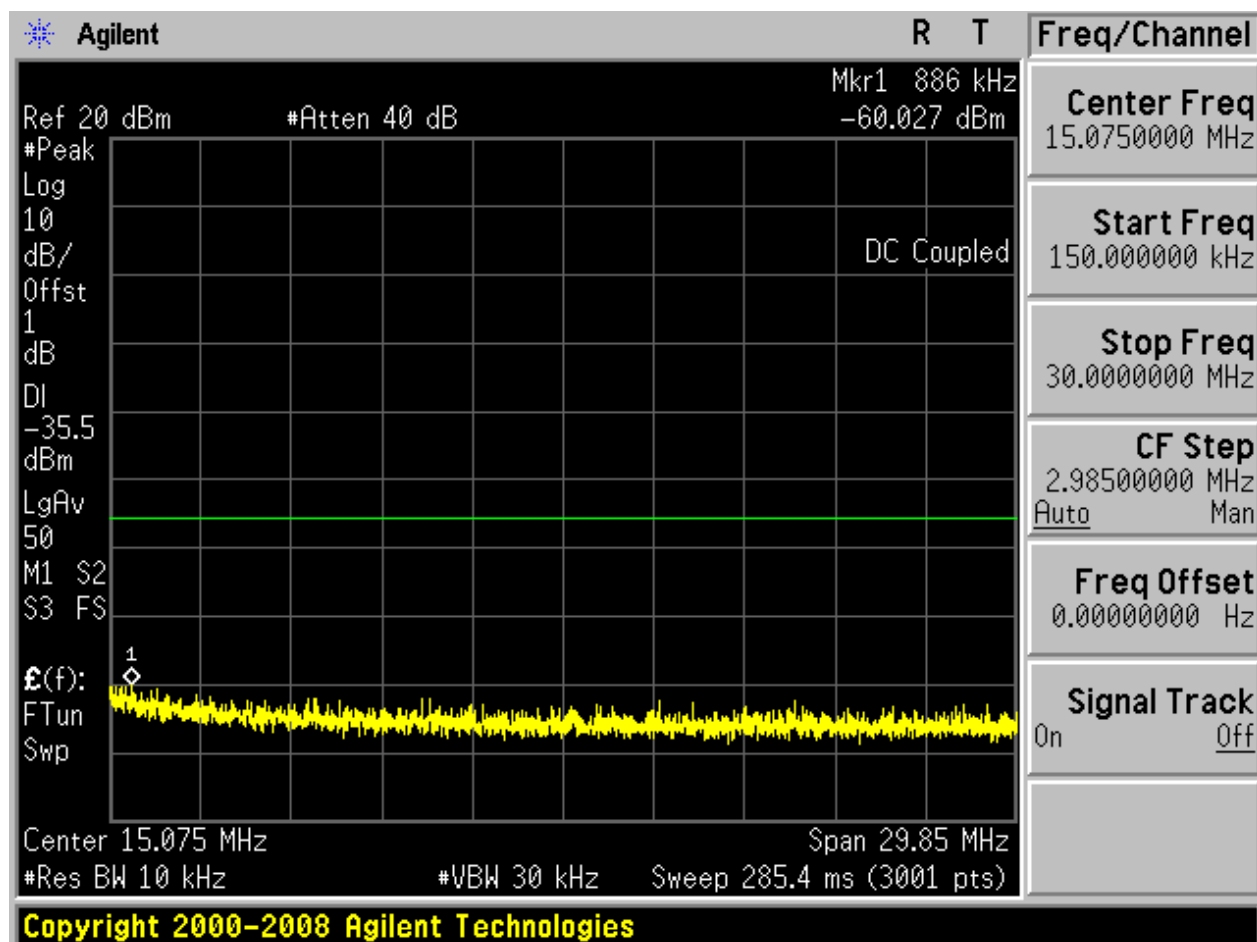
Pref:

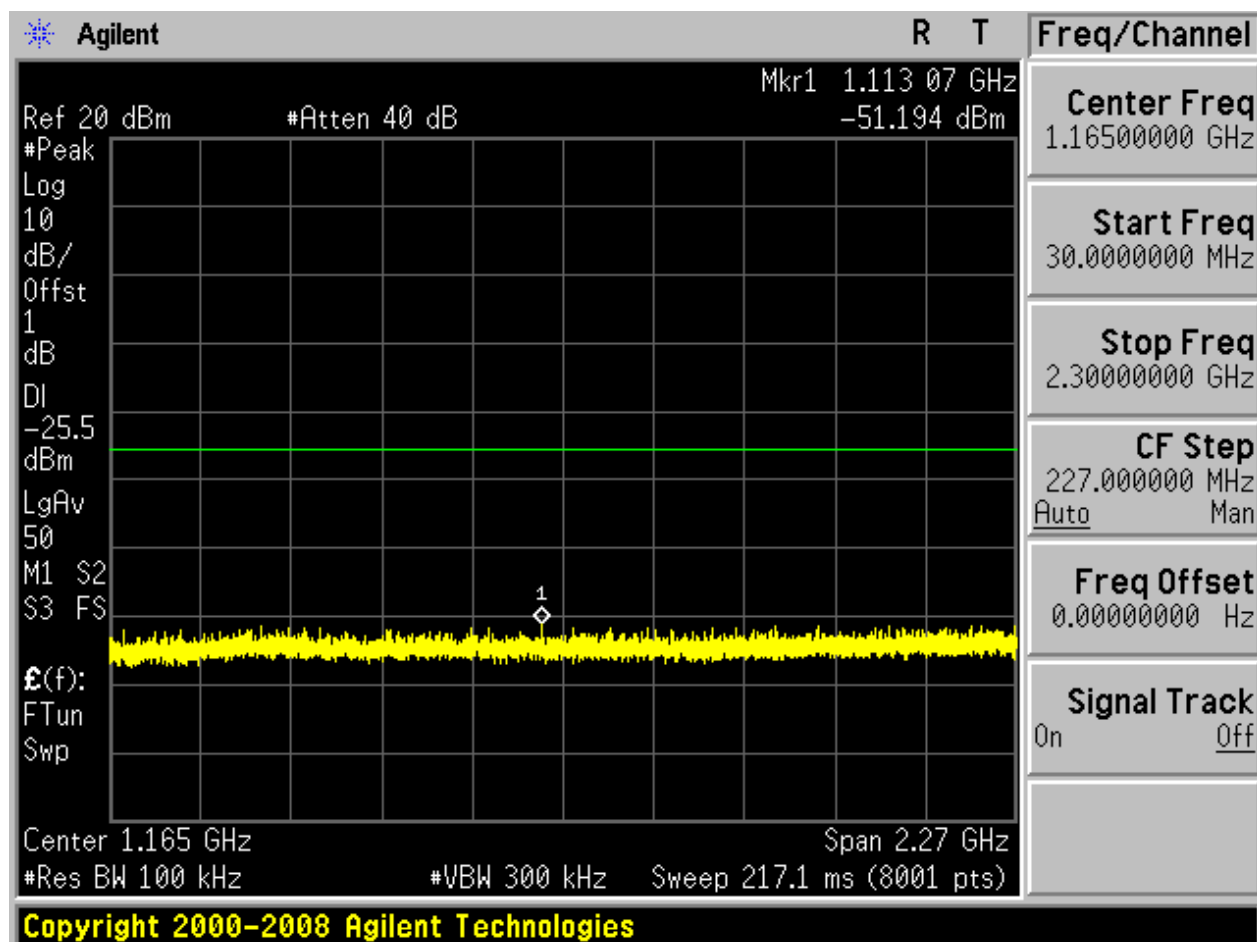


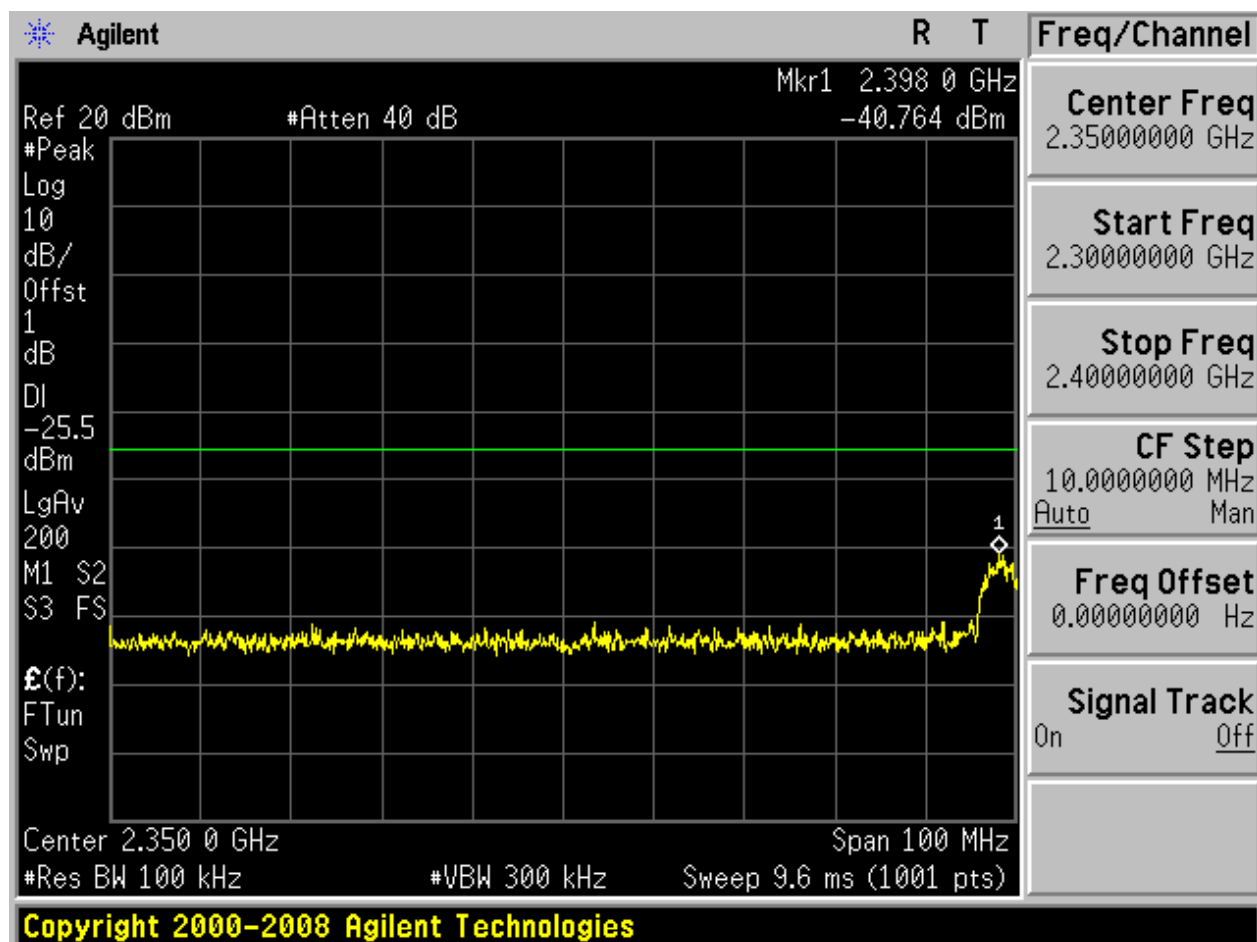


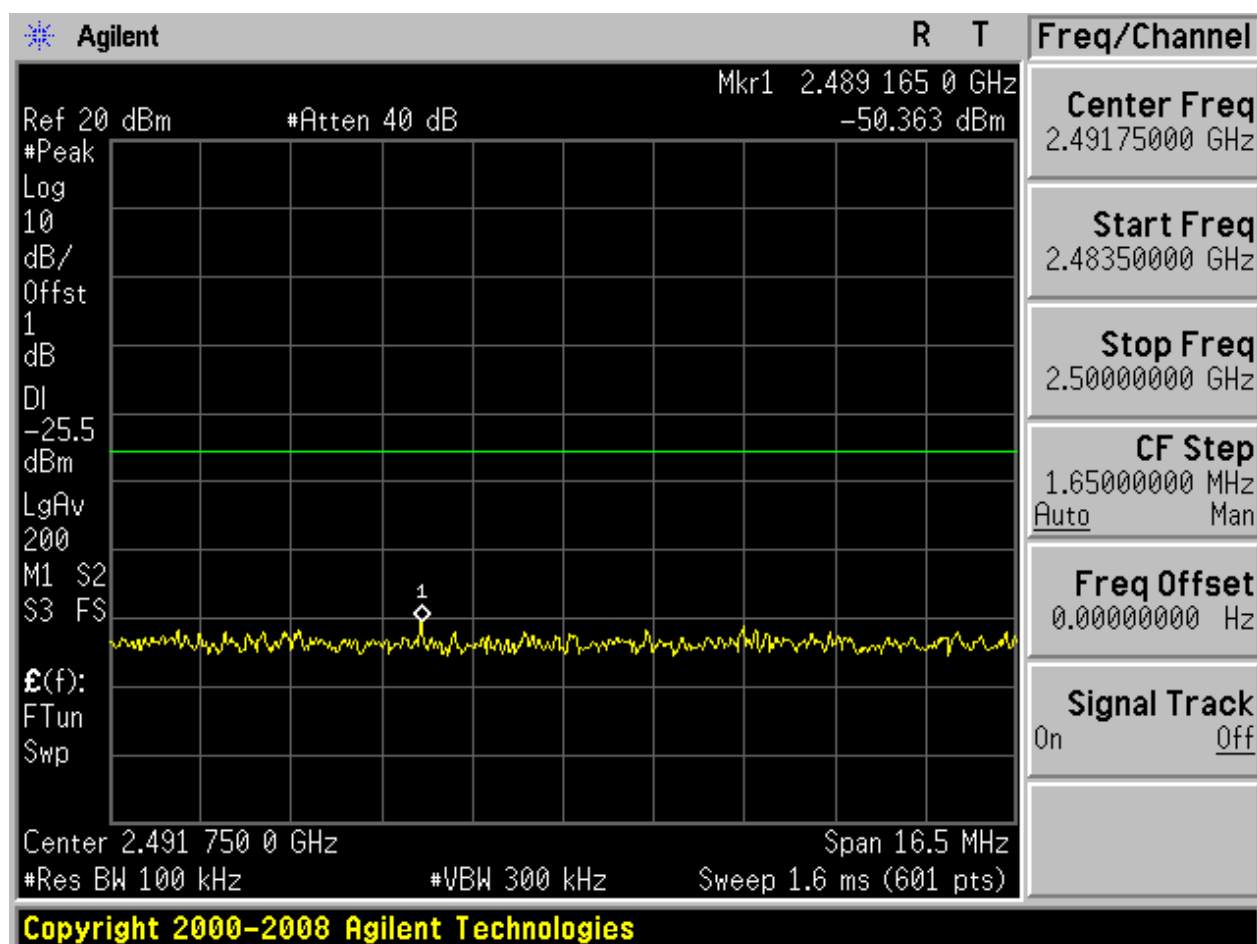
Puw:

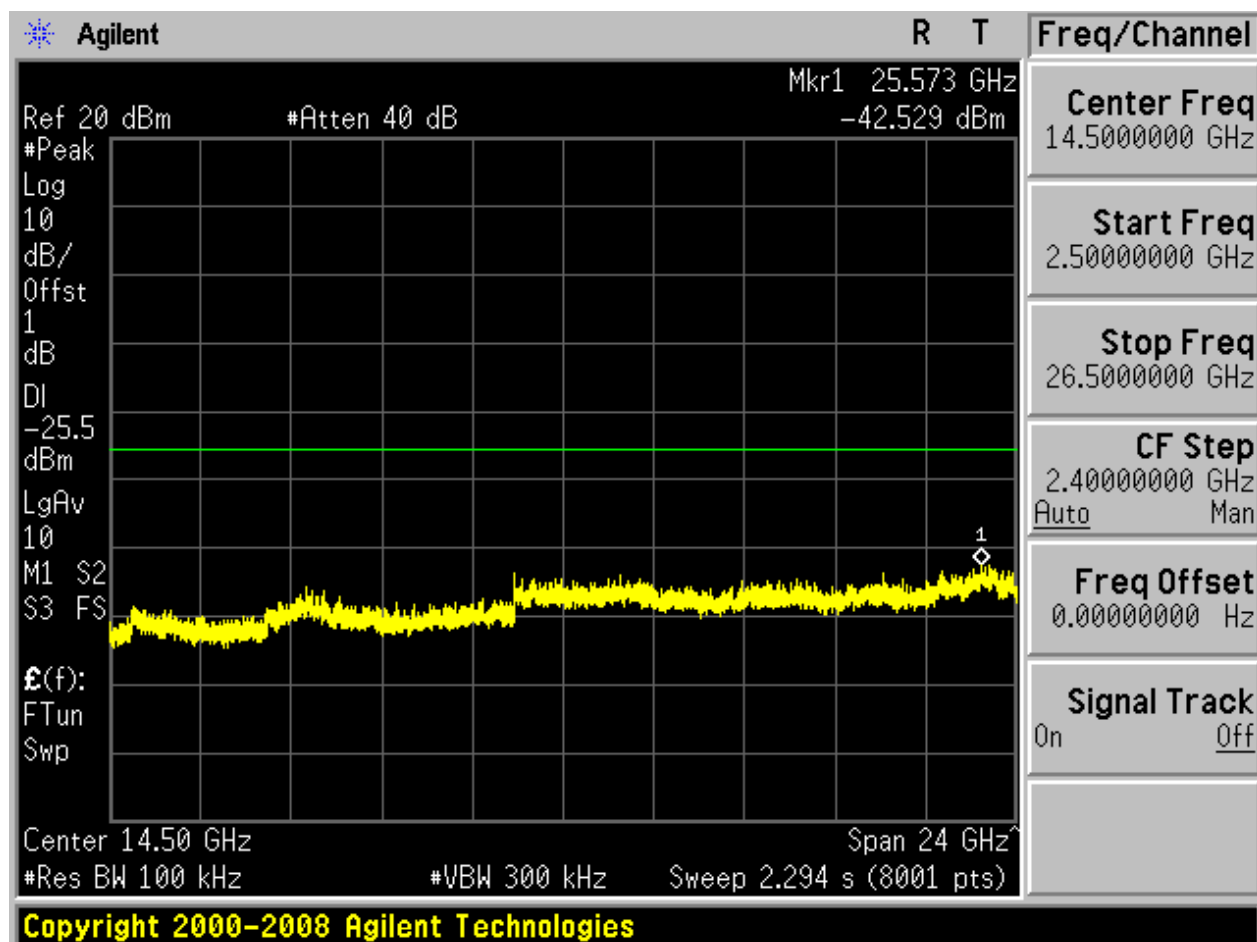






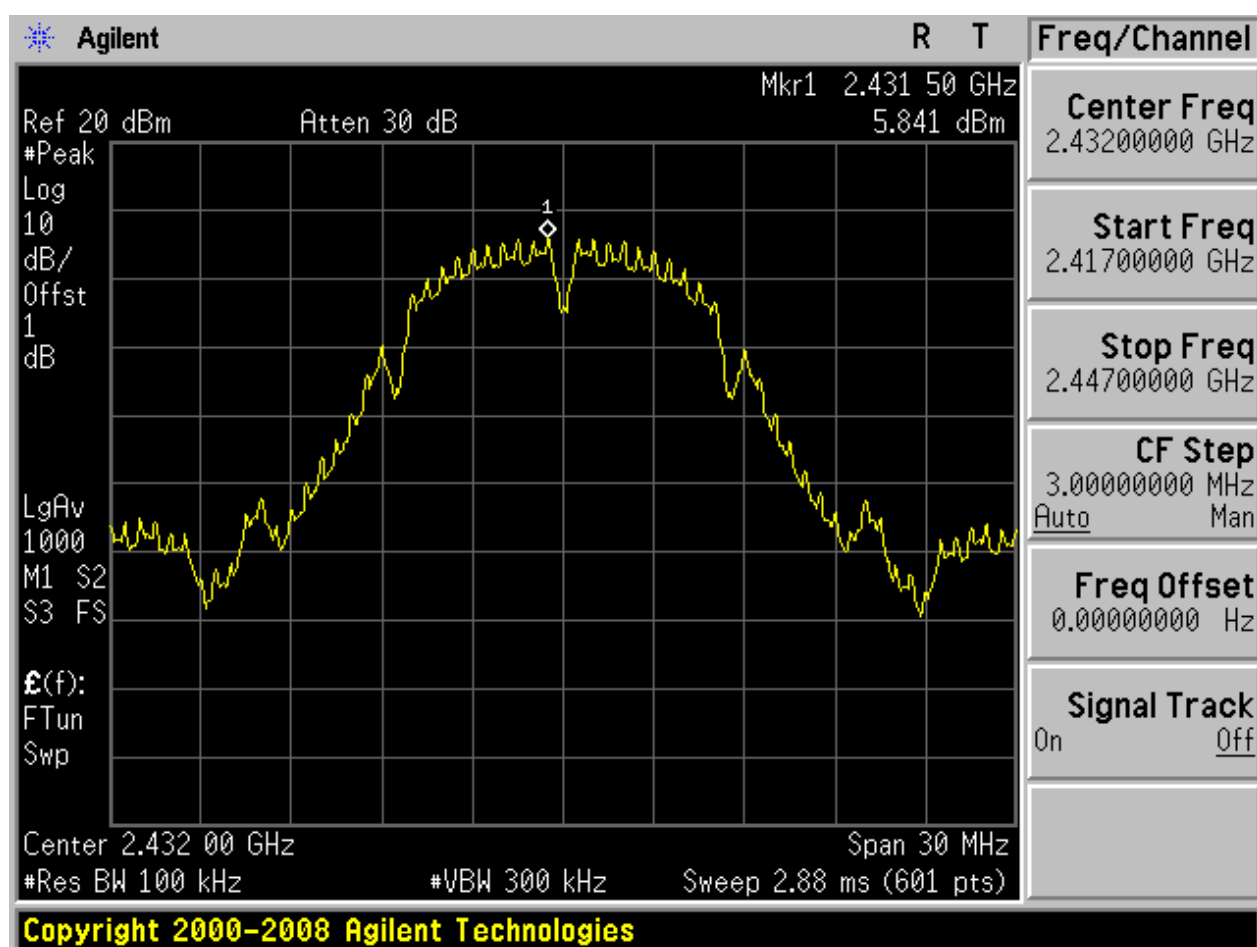






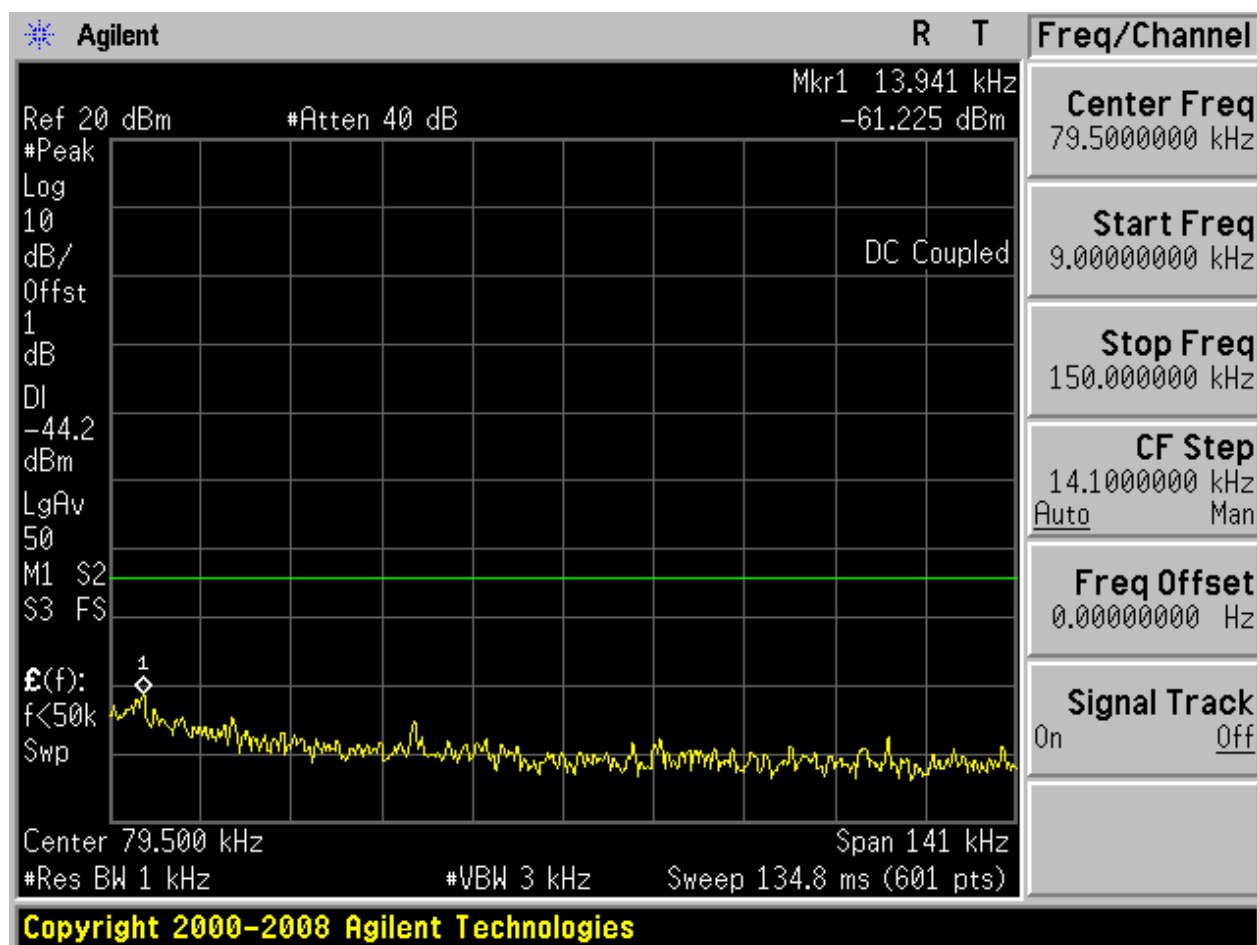
2.3 11B_M@Ant 1

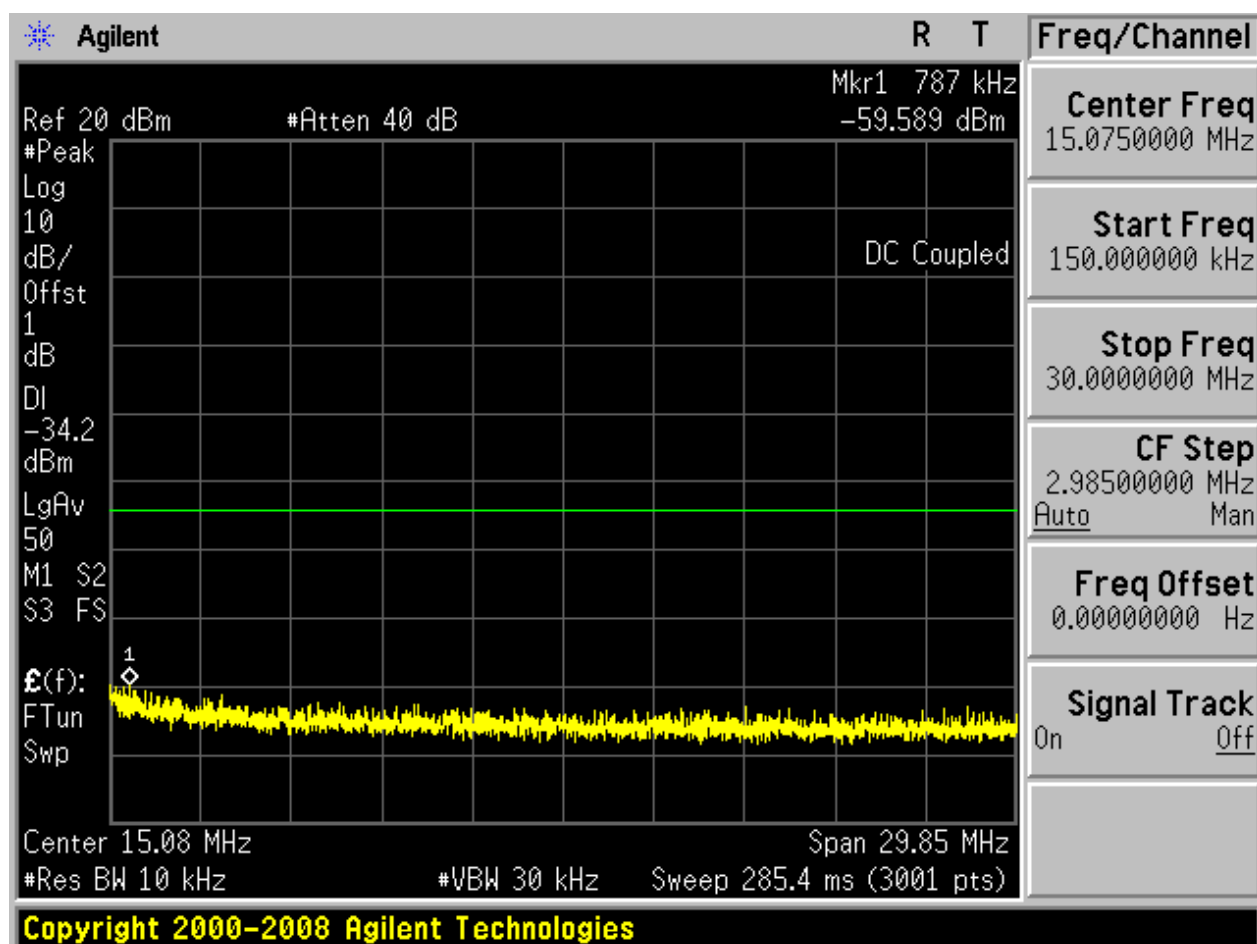
Pref:

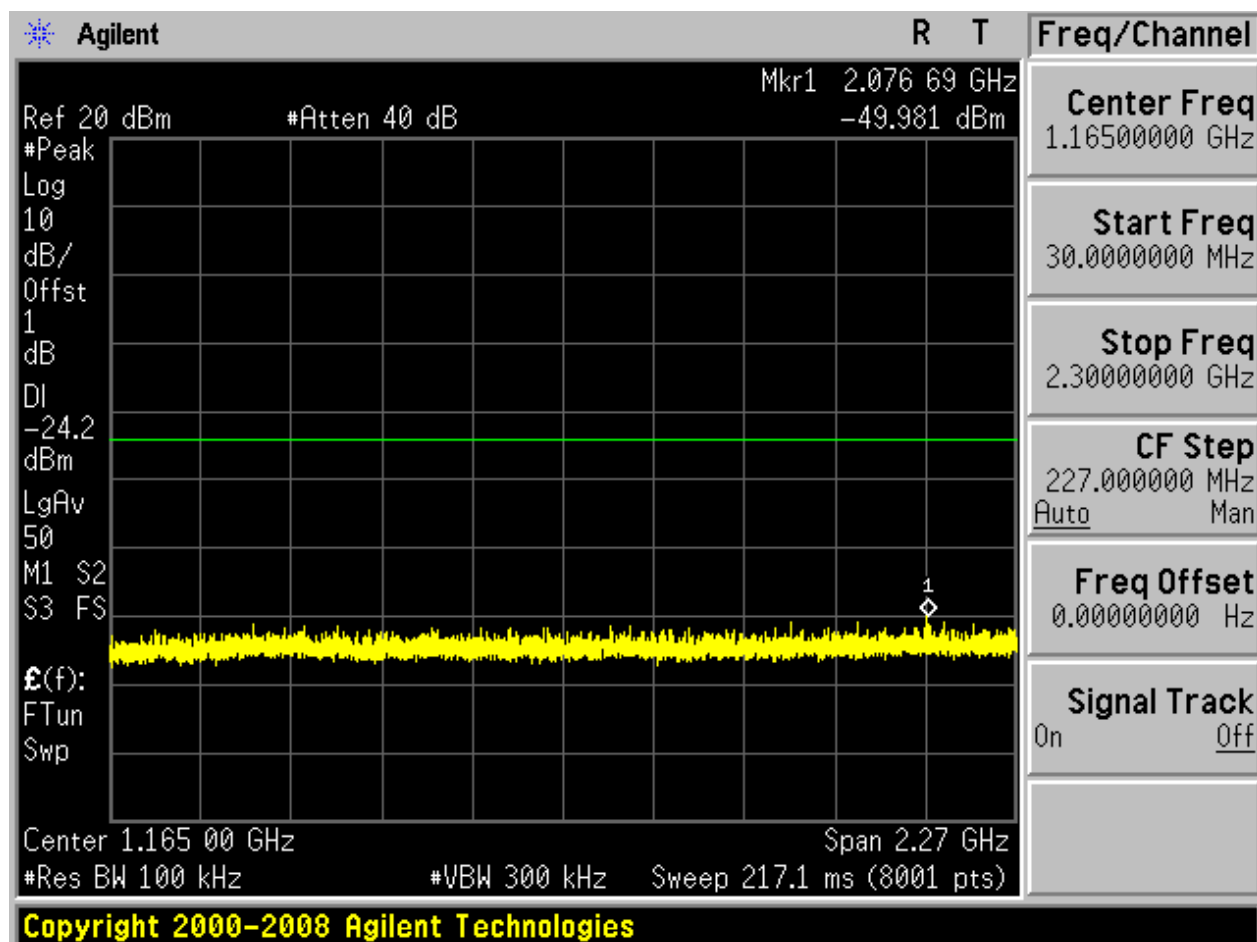


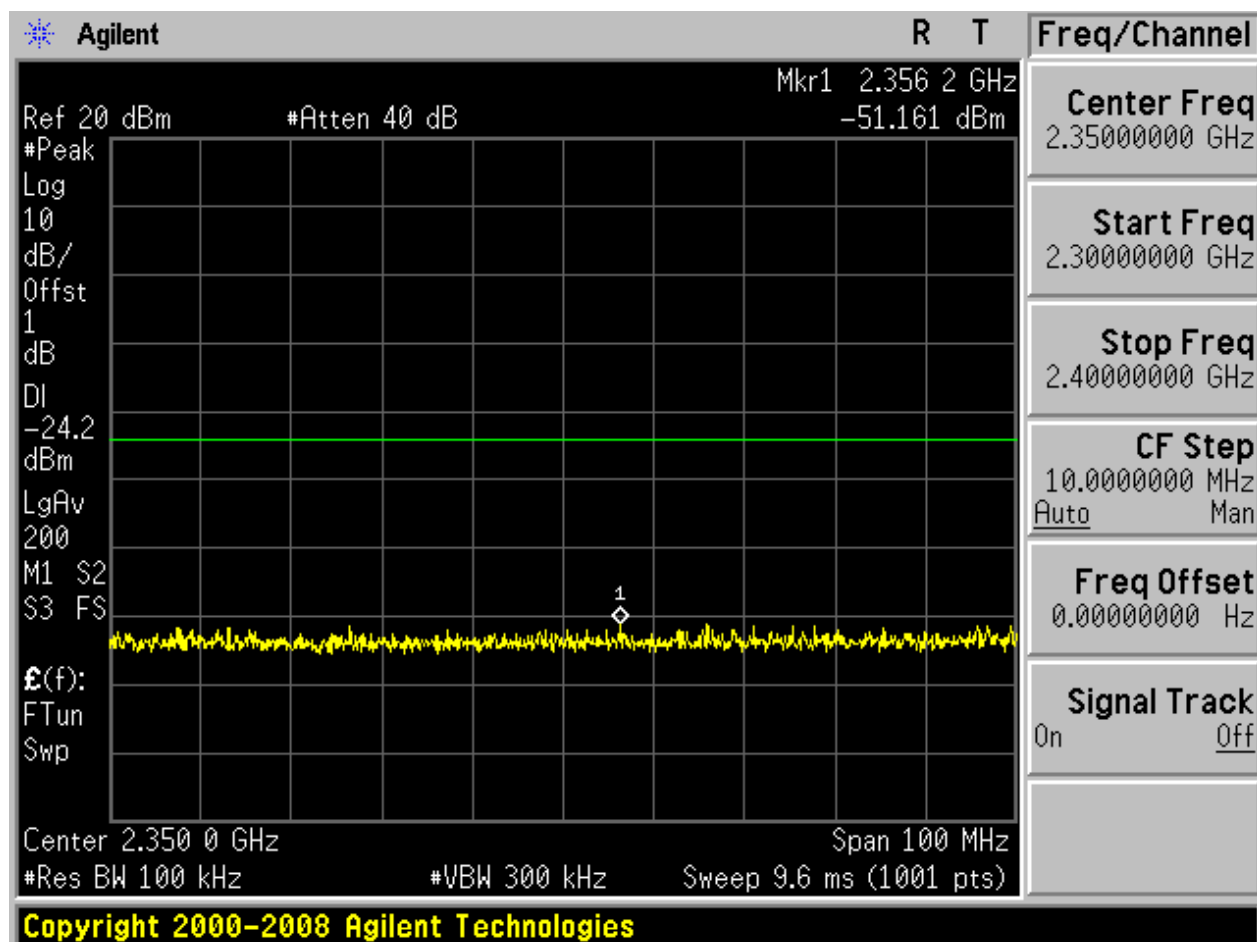


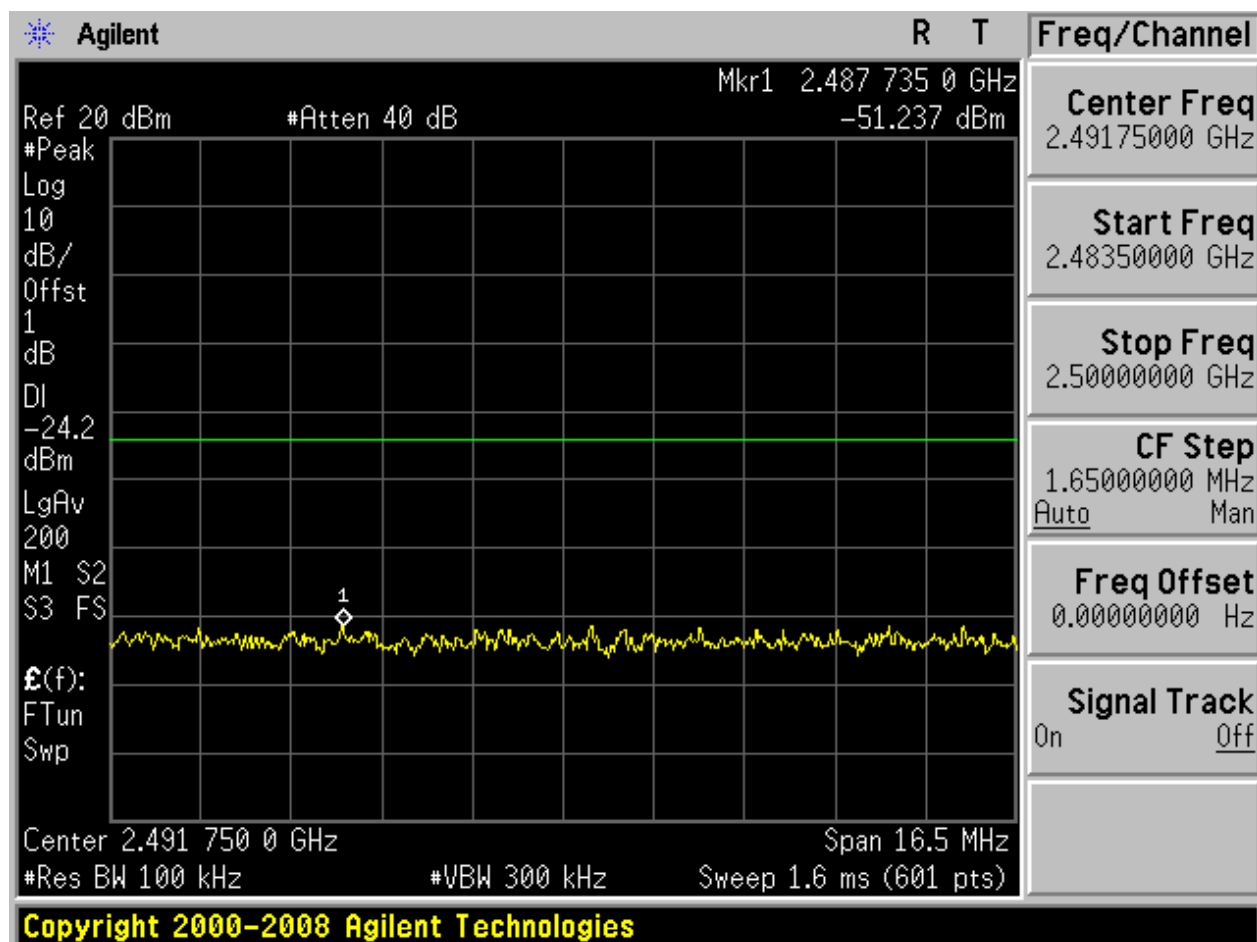
Puw:

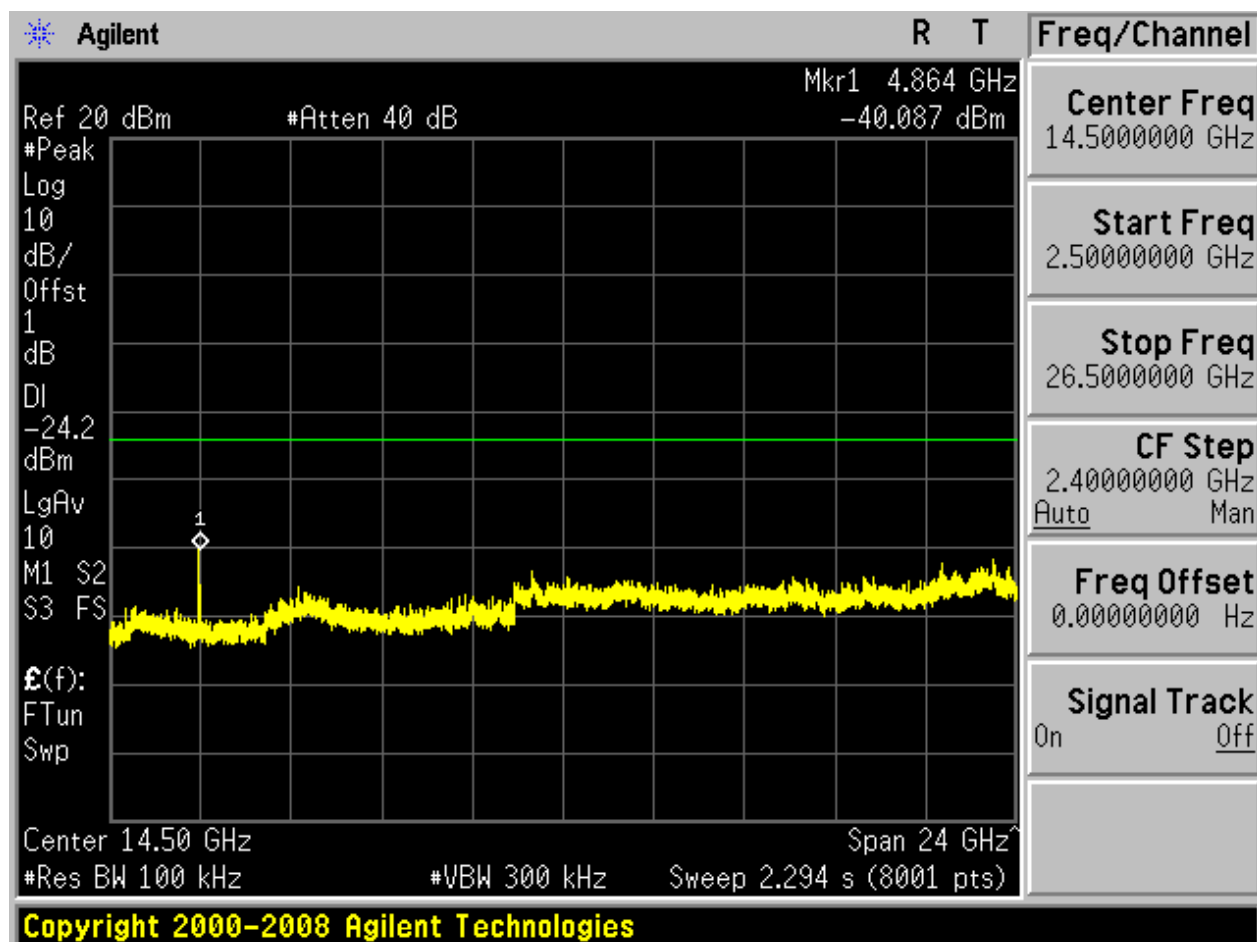






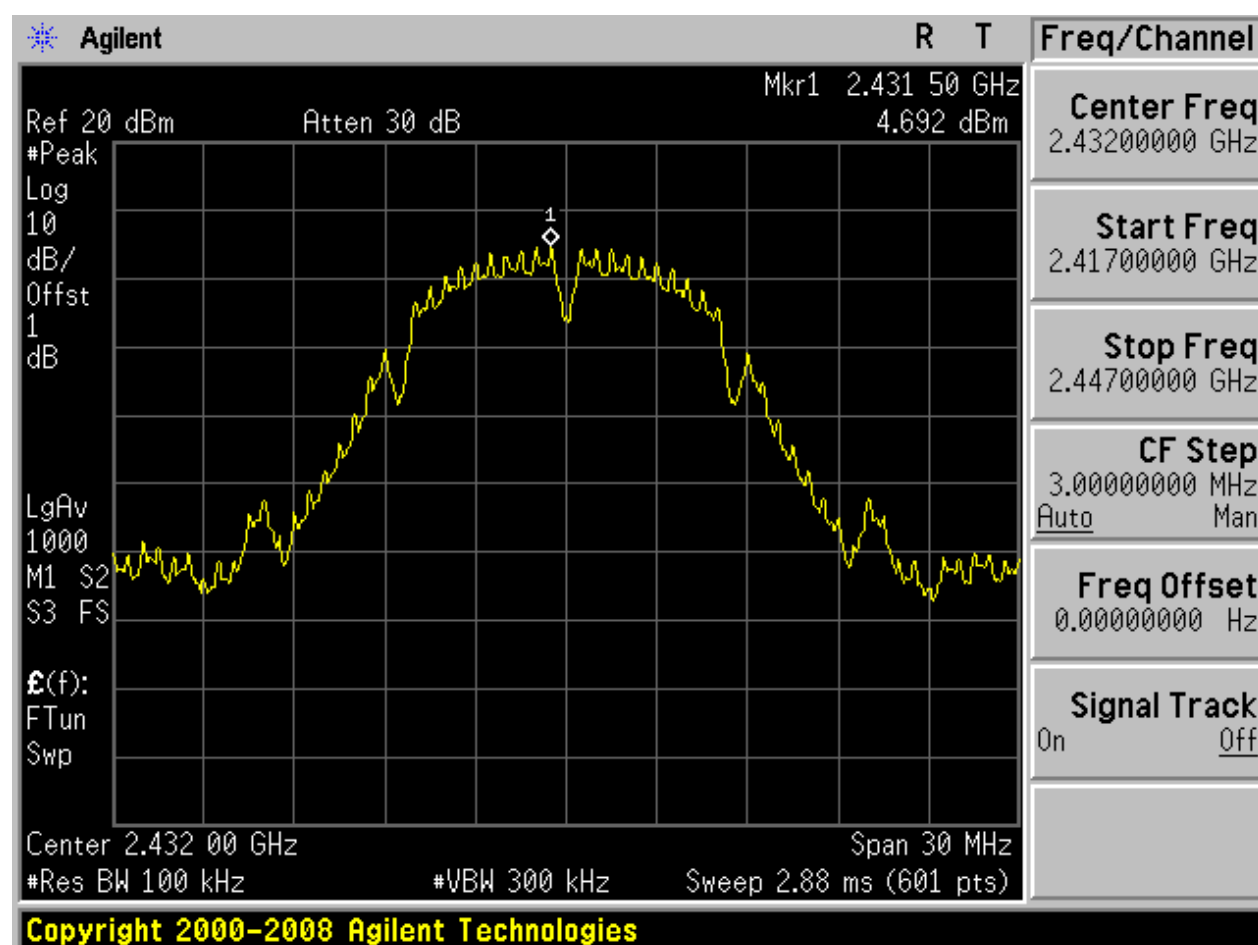






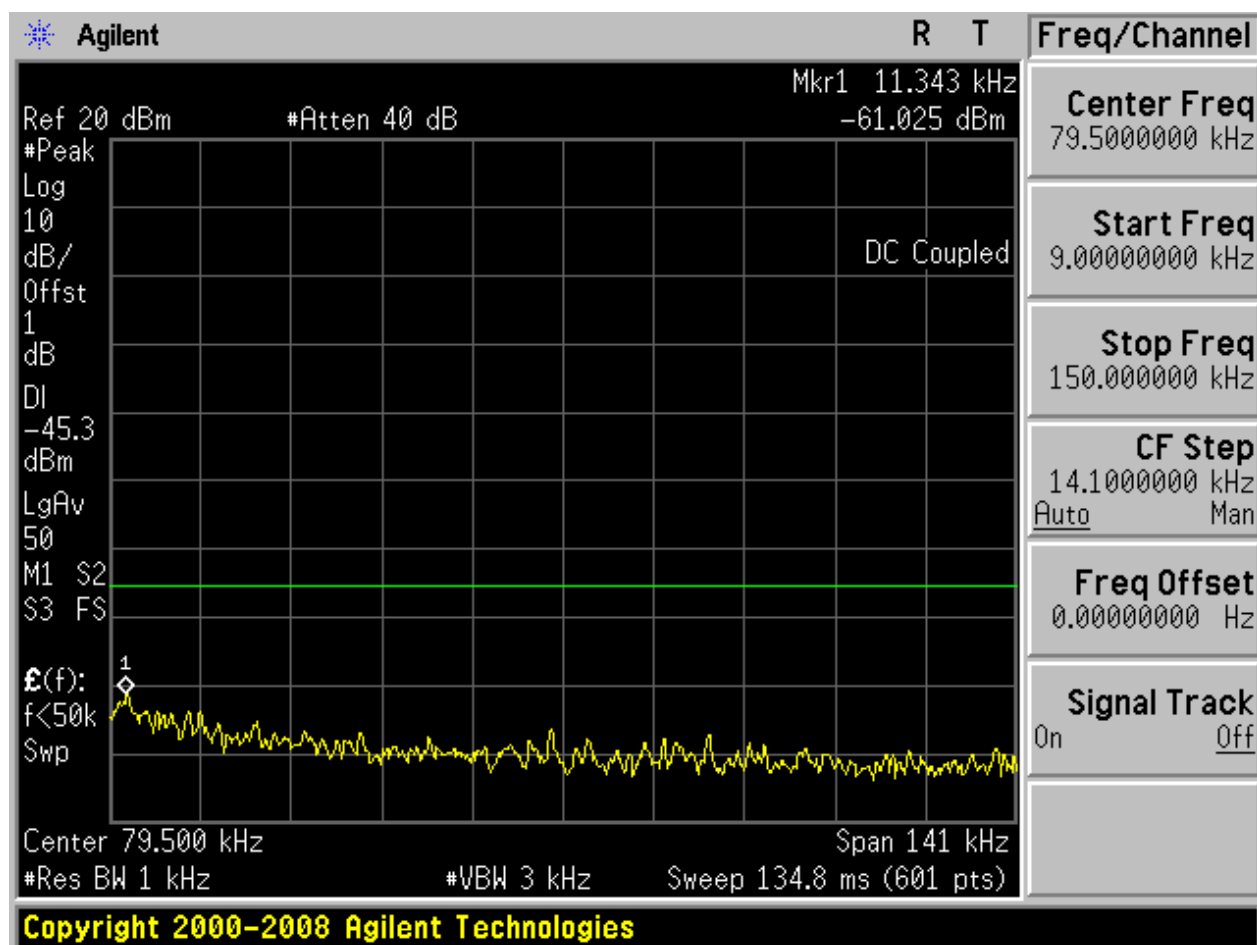
2.4 11B_M@Ant 2

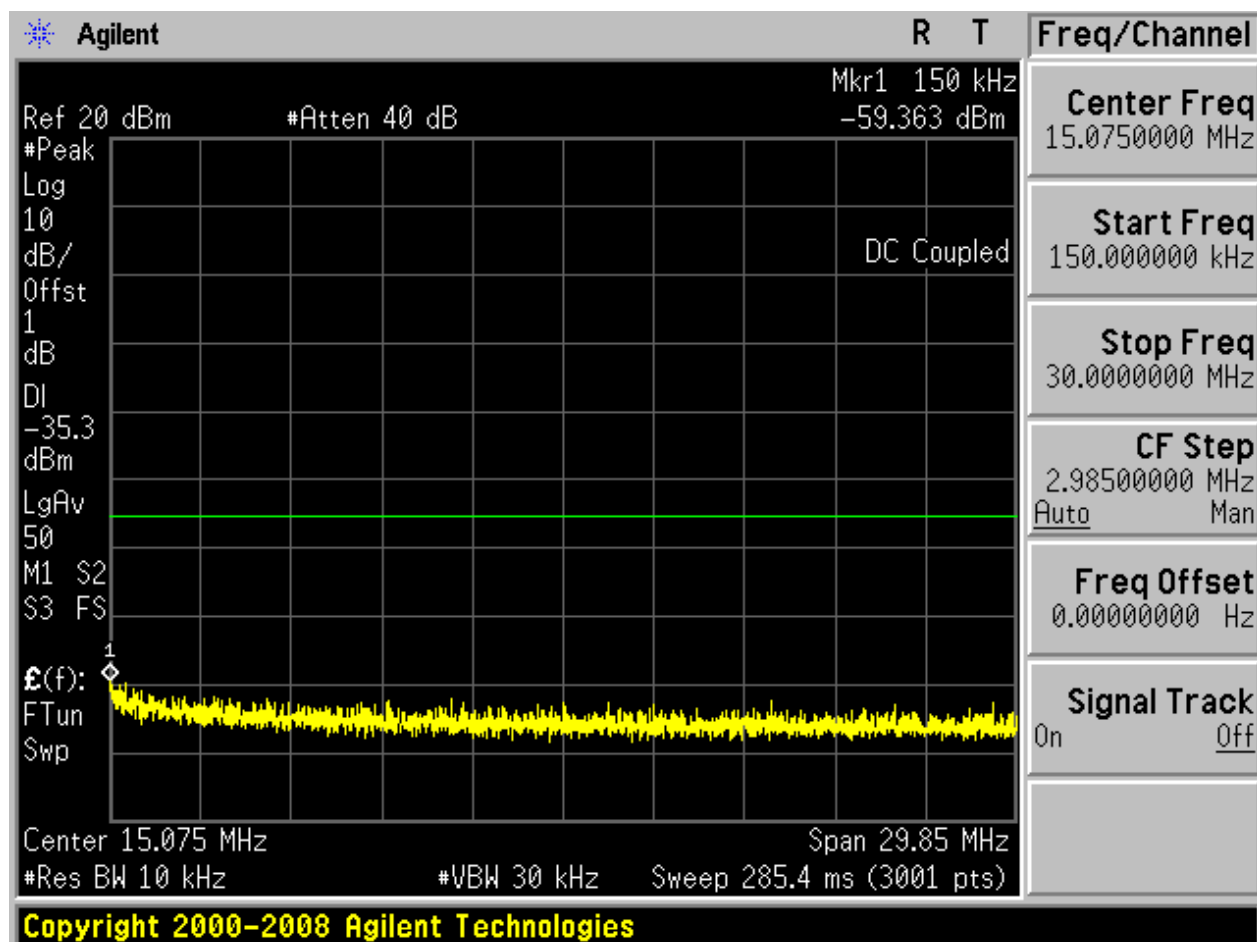
Pref:

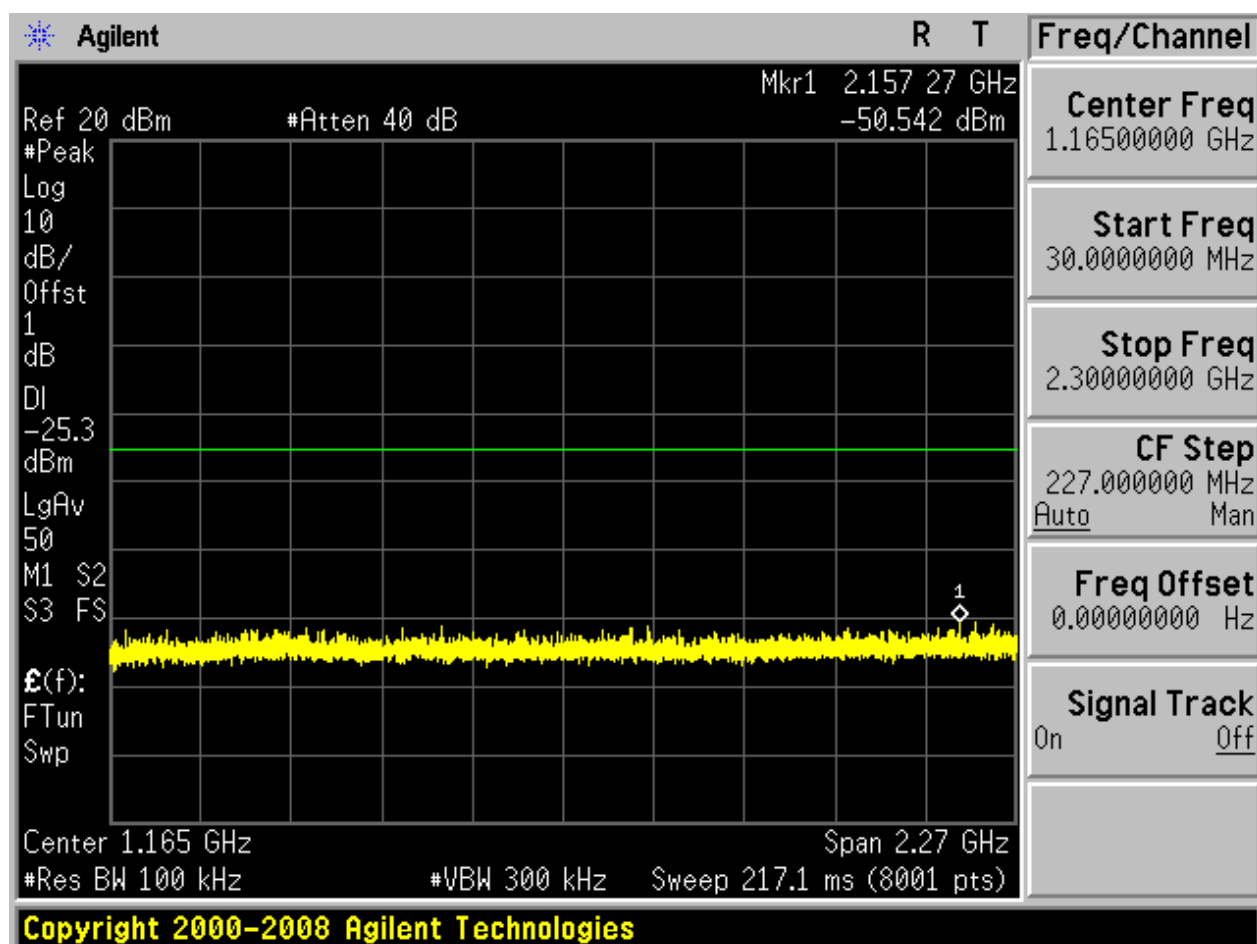


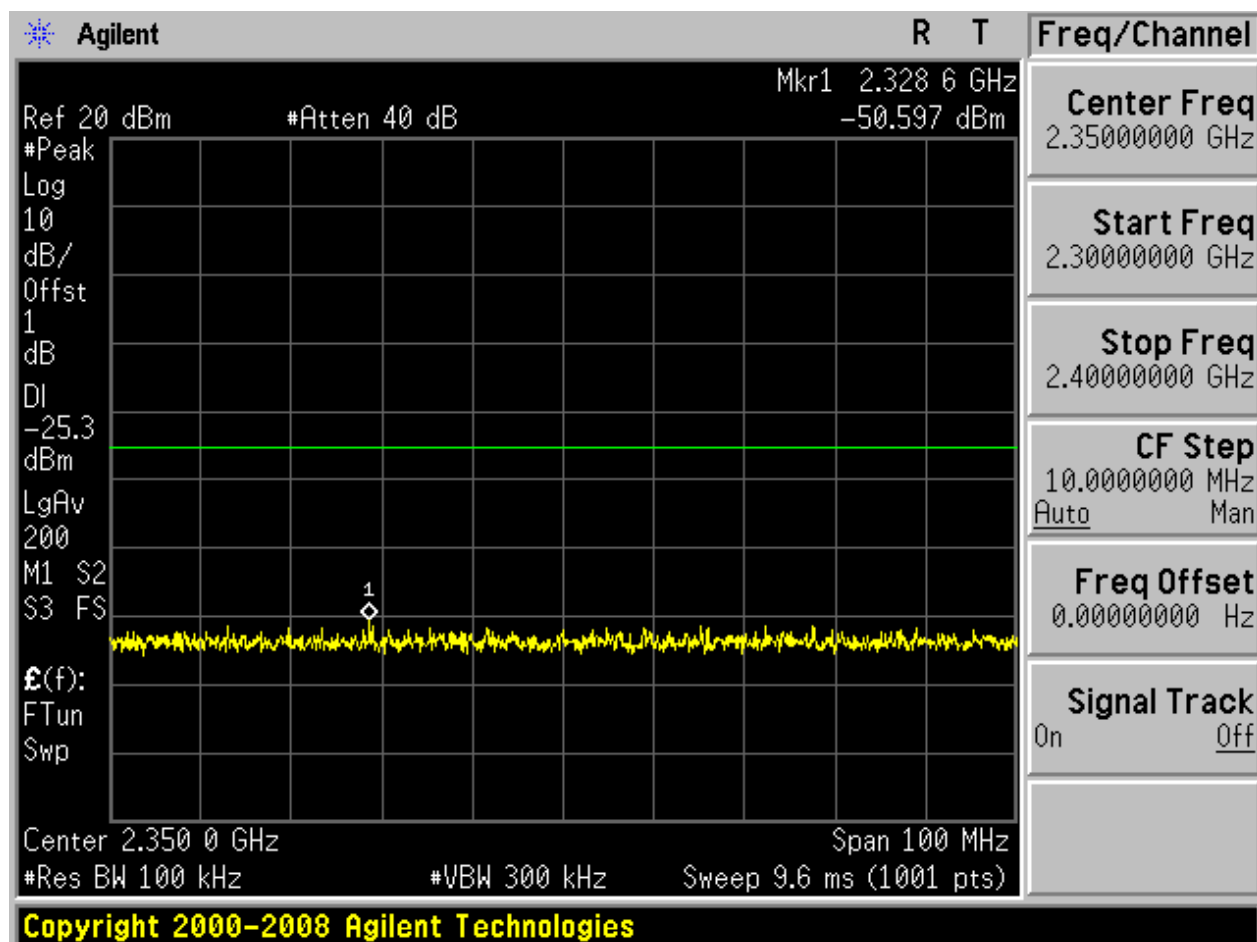


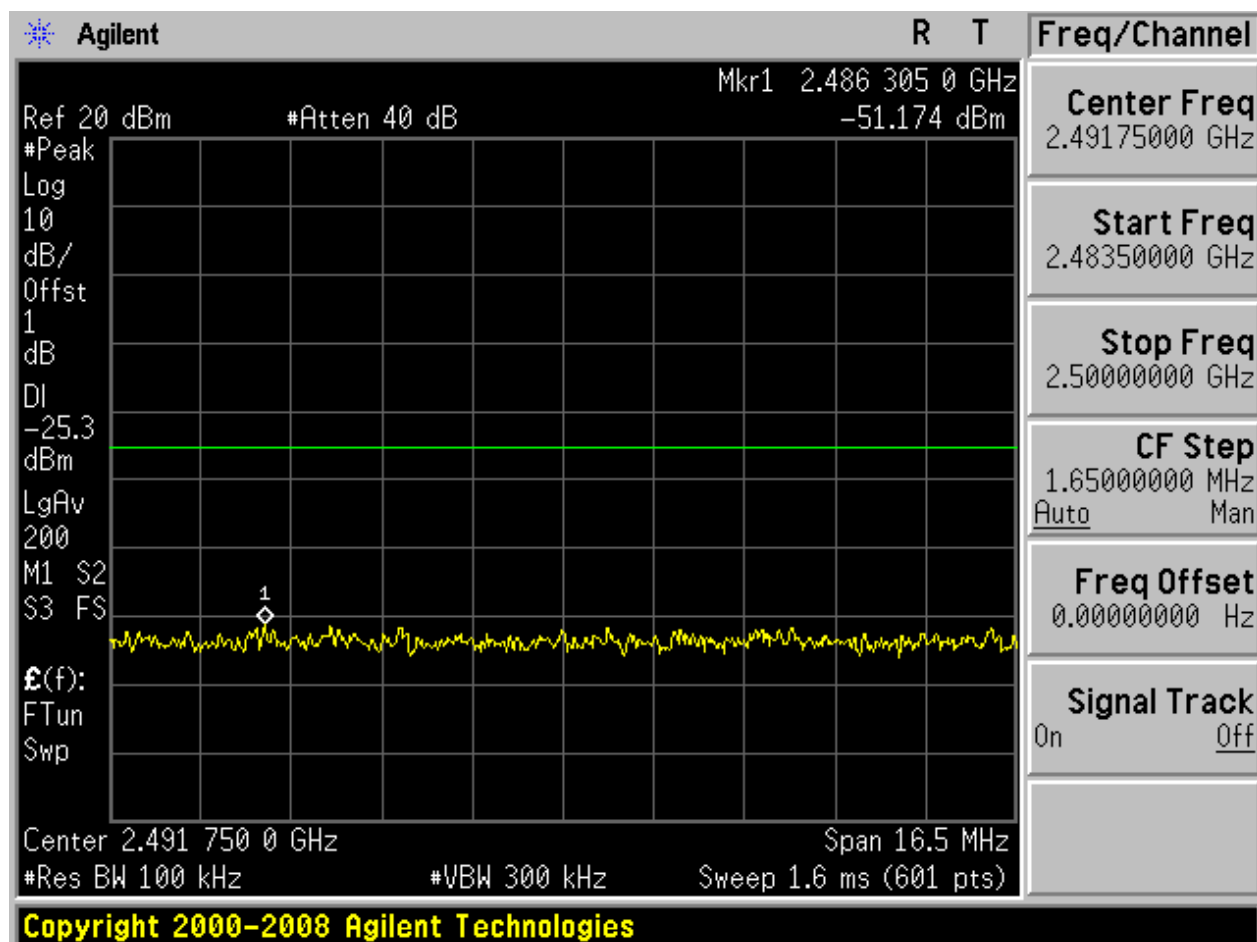
Puw:

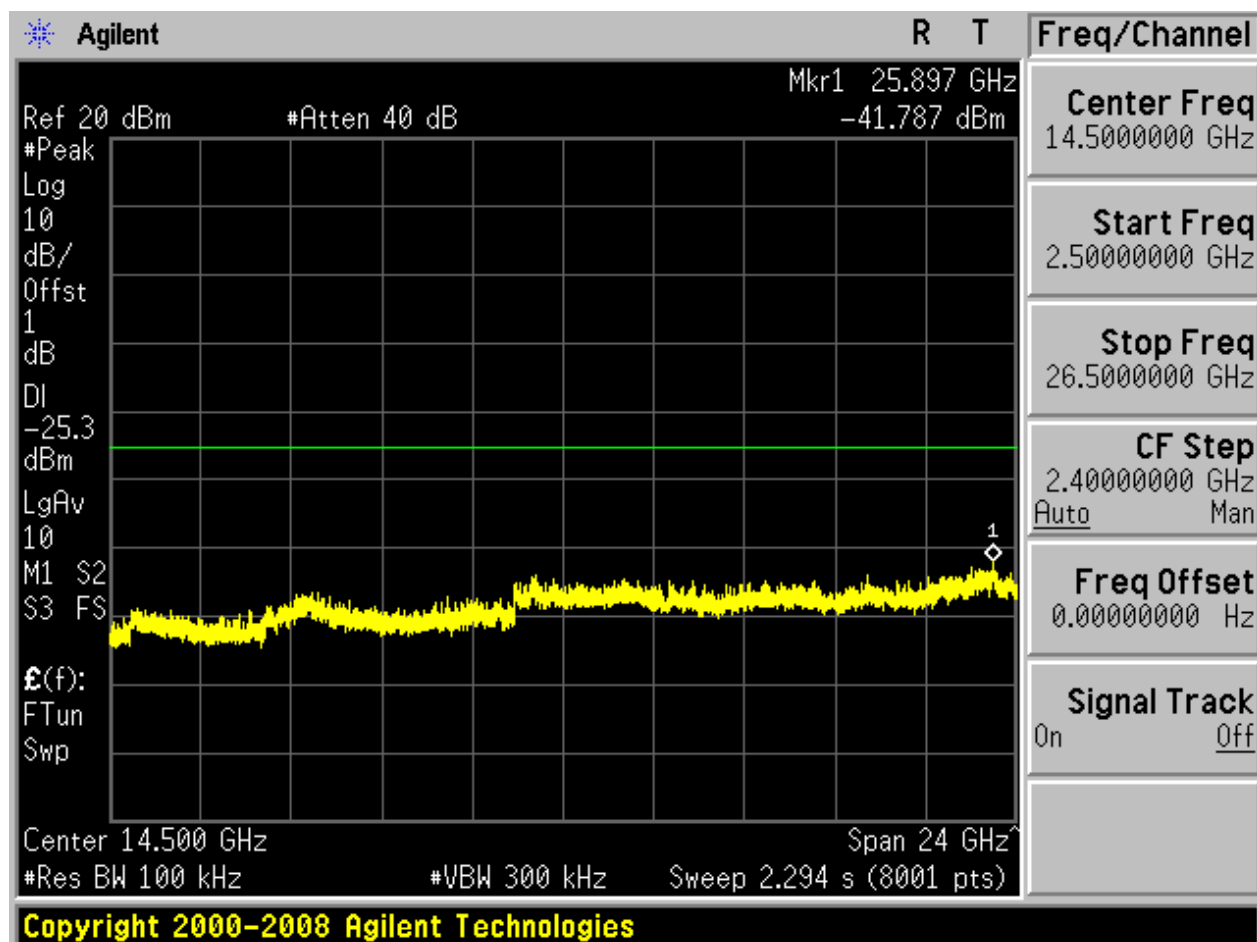






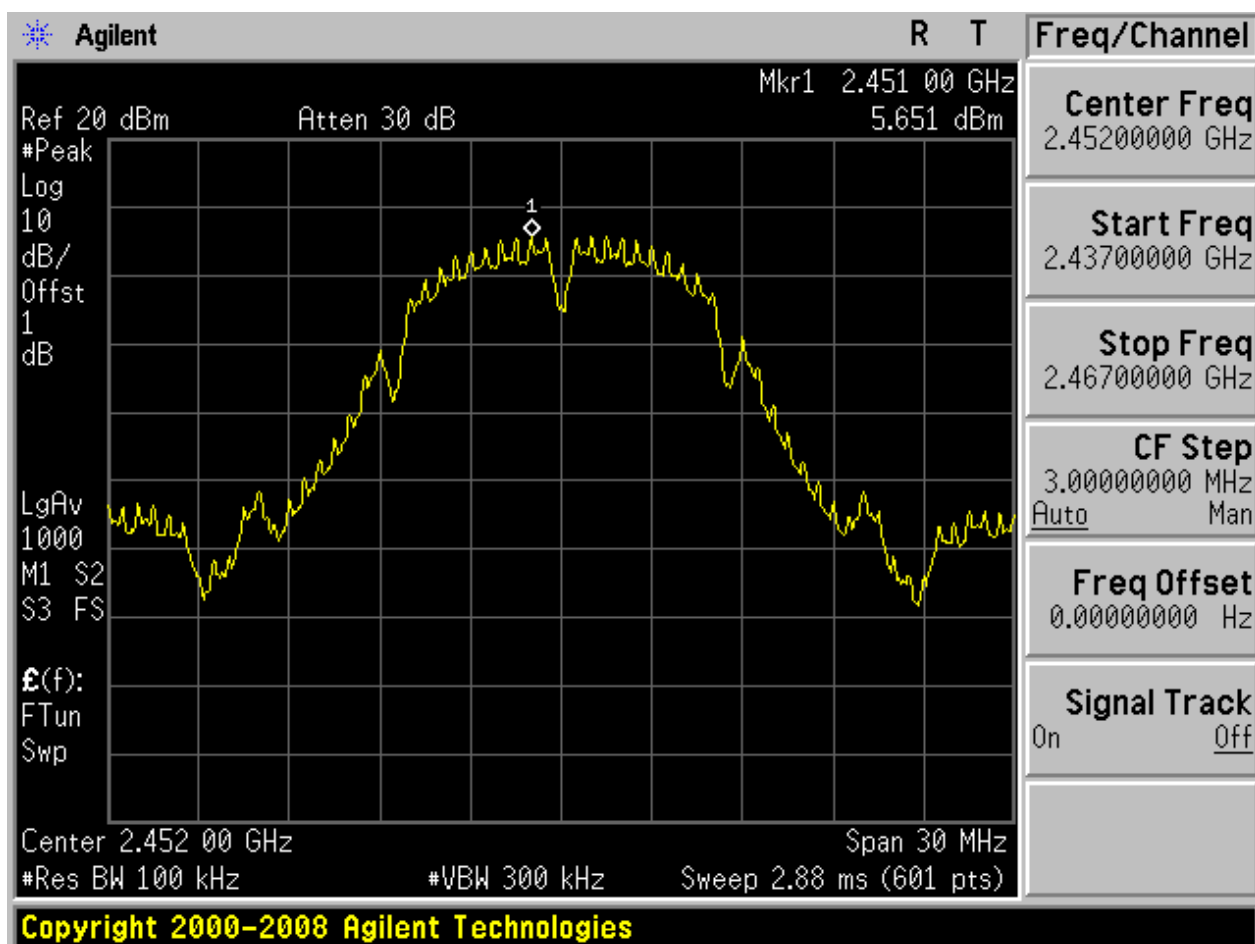






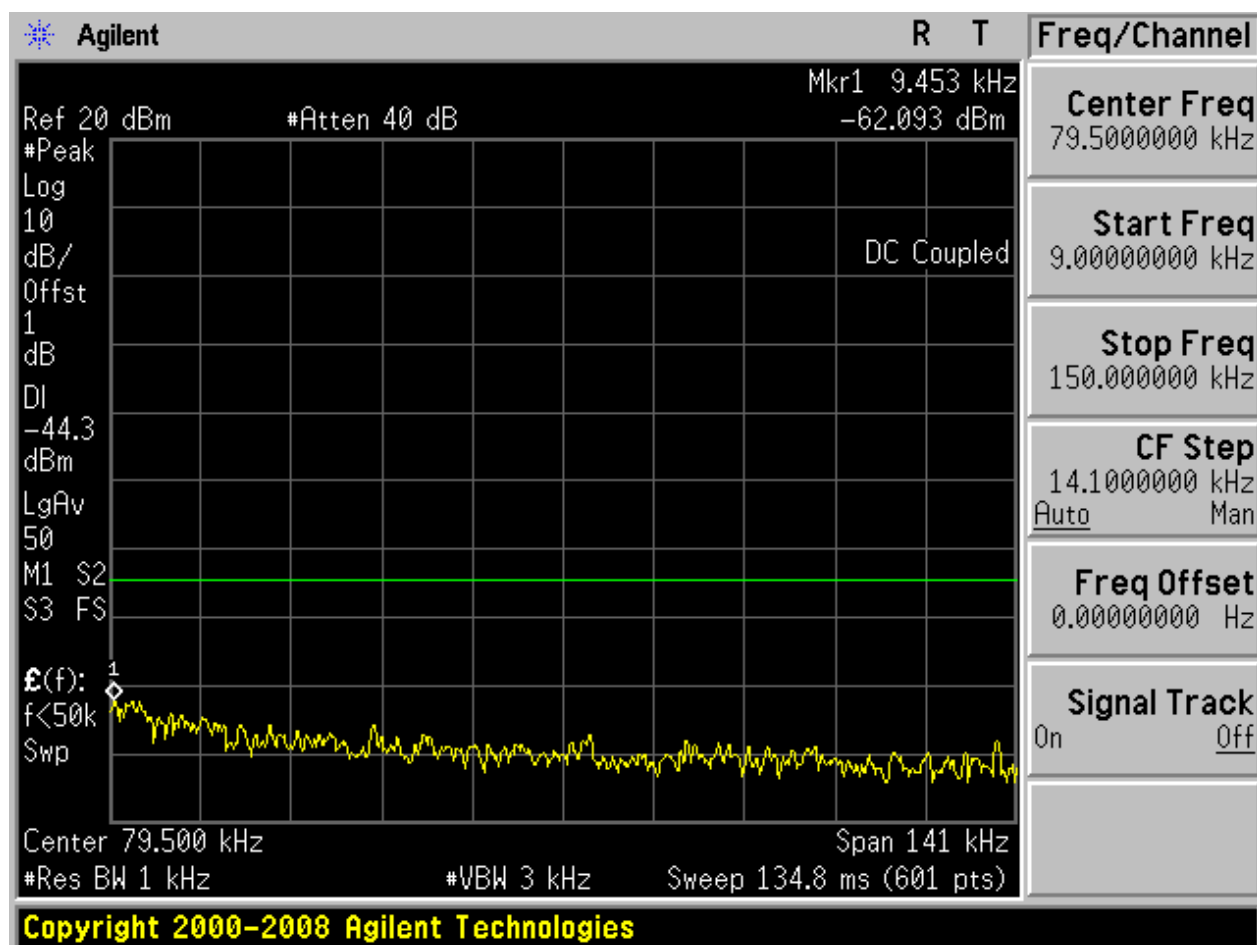


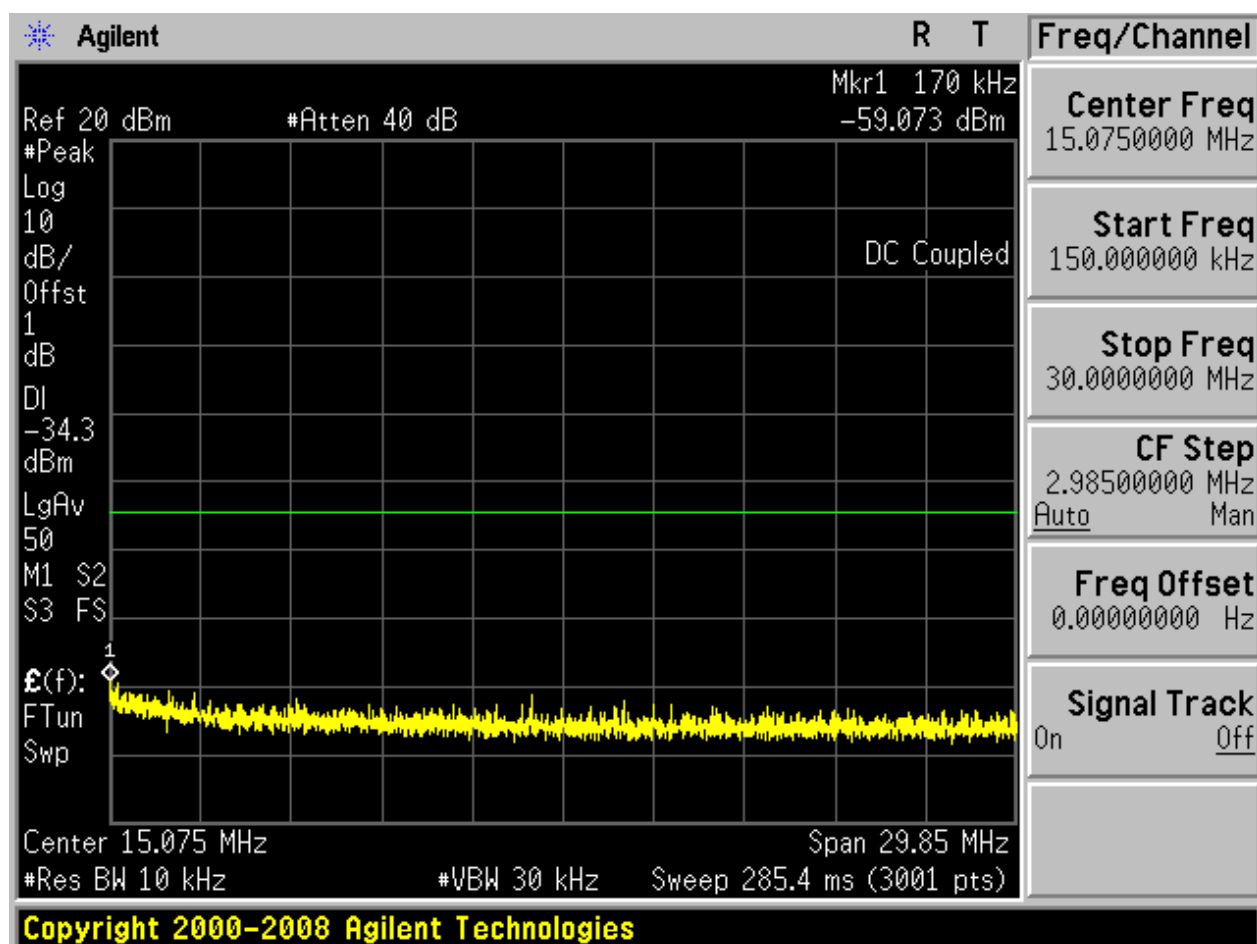
Pref:

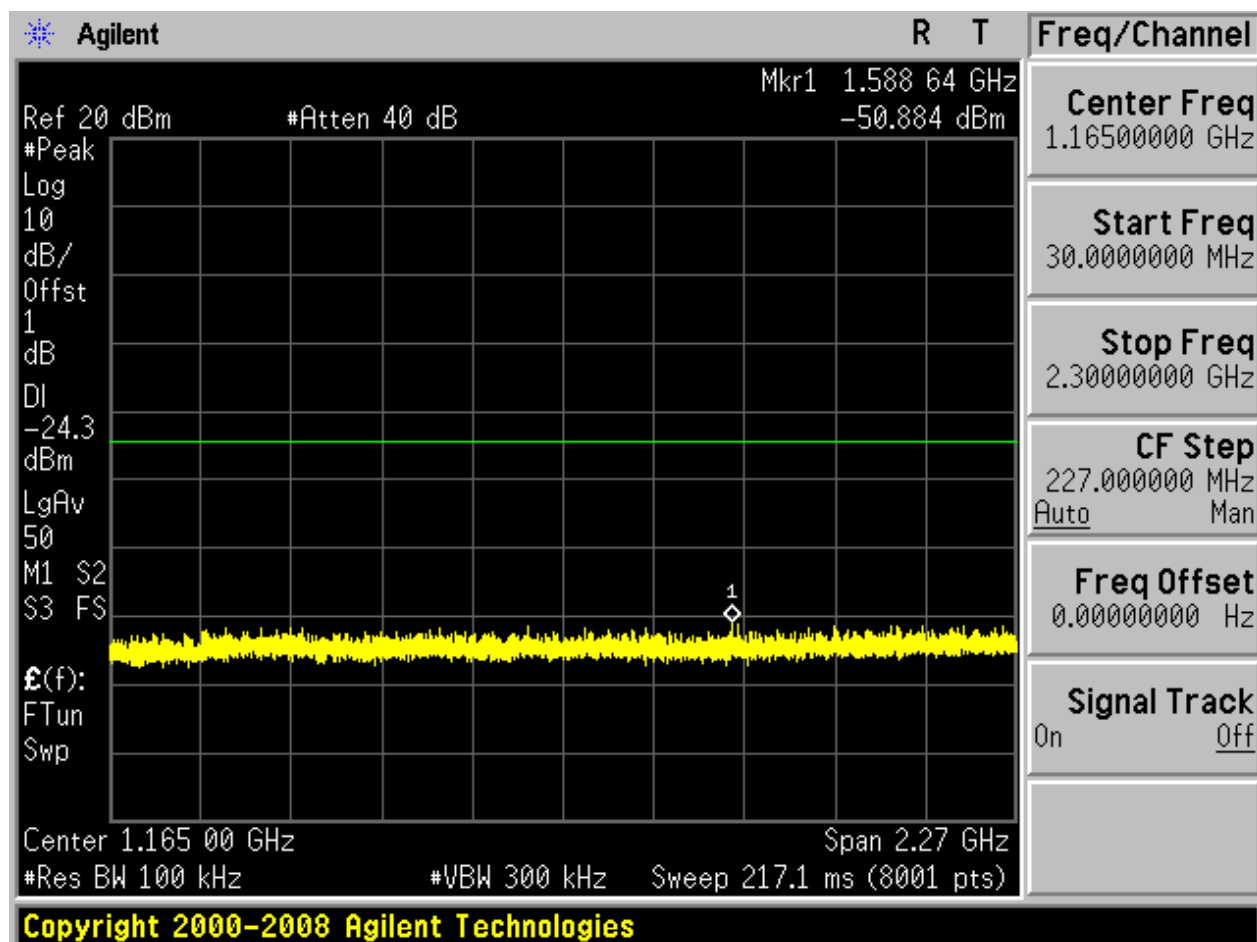


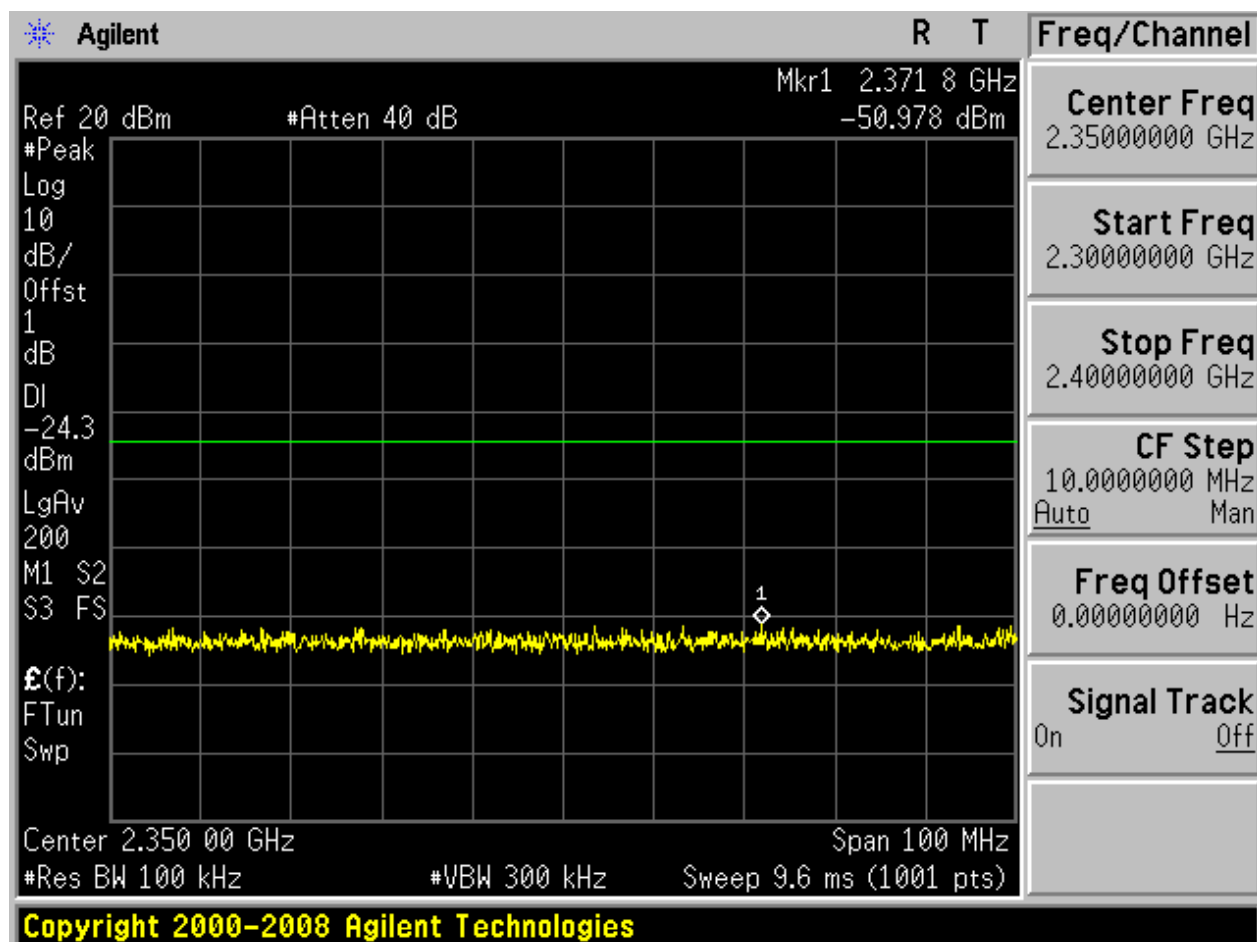


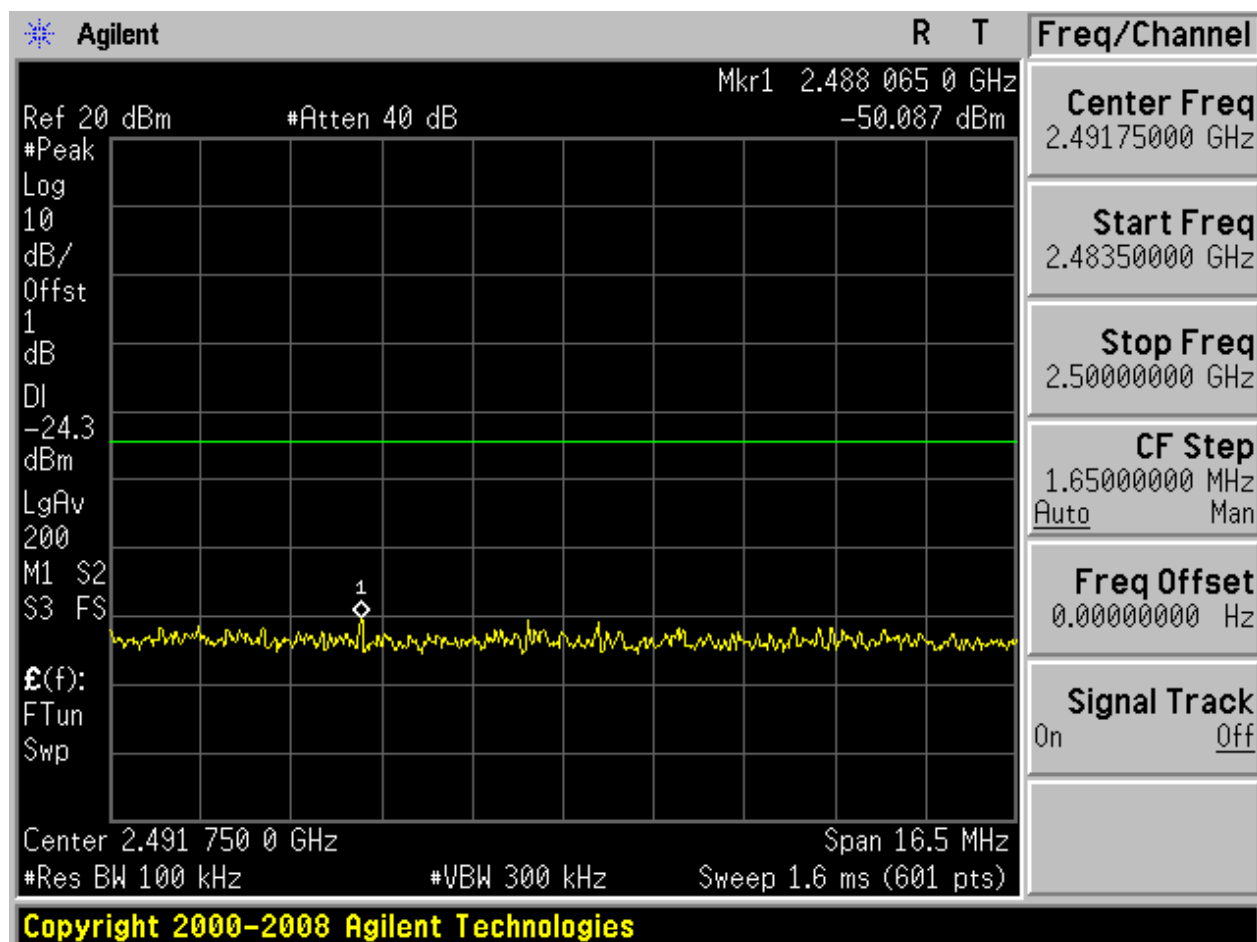
Puw:

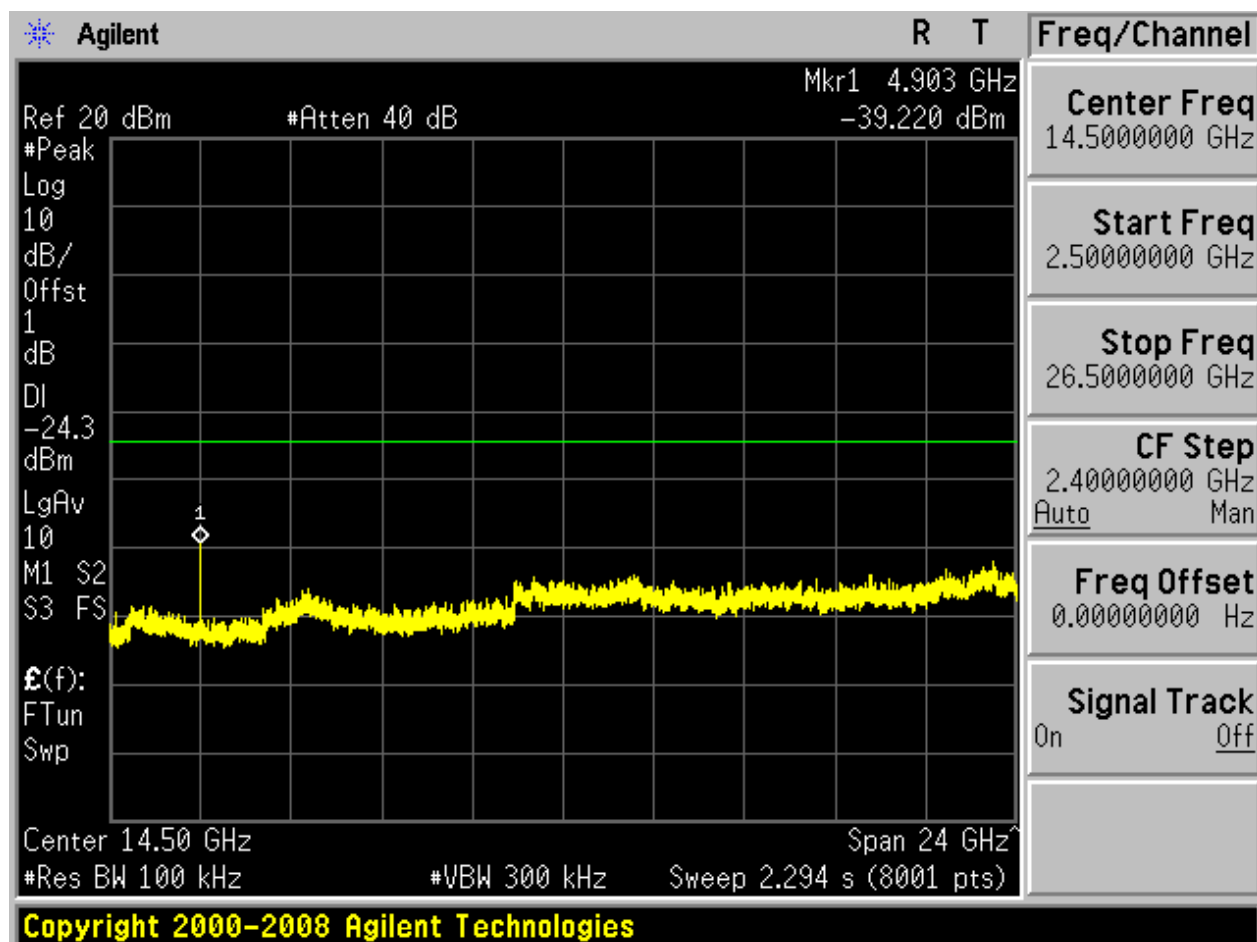






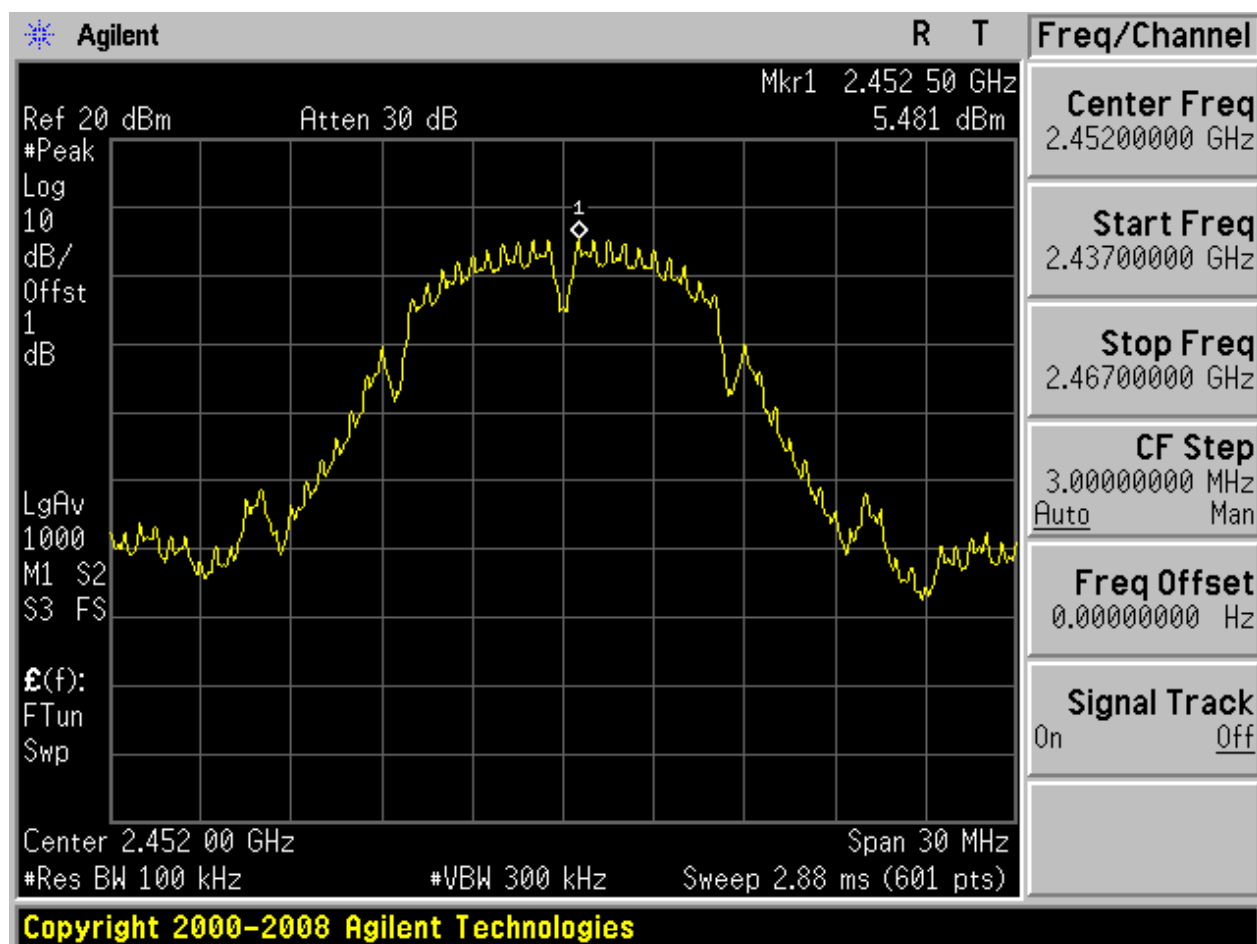






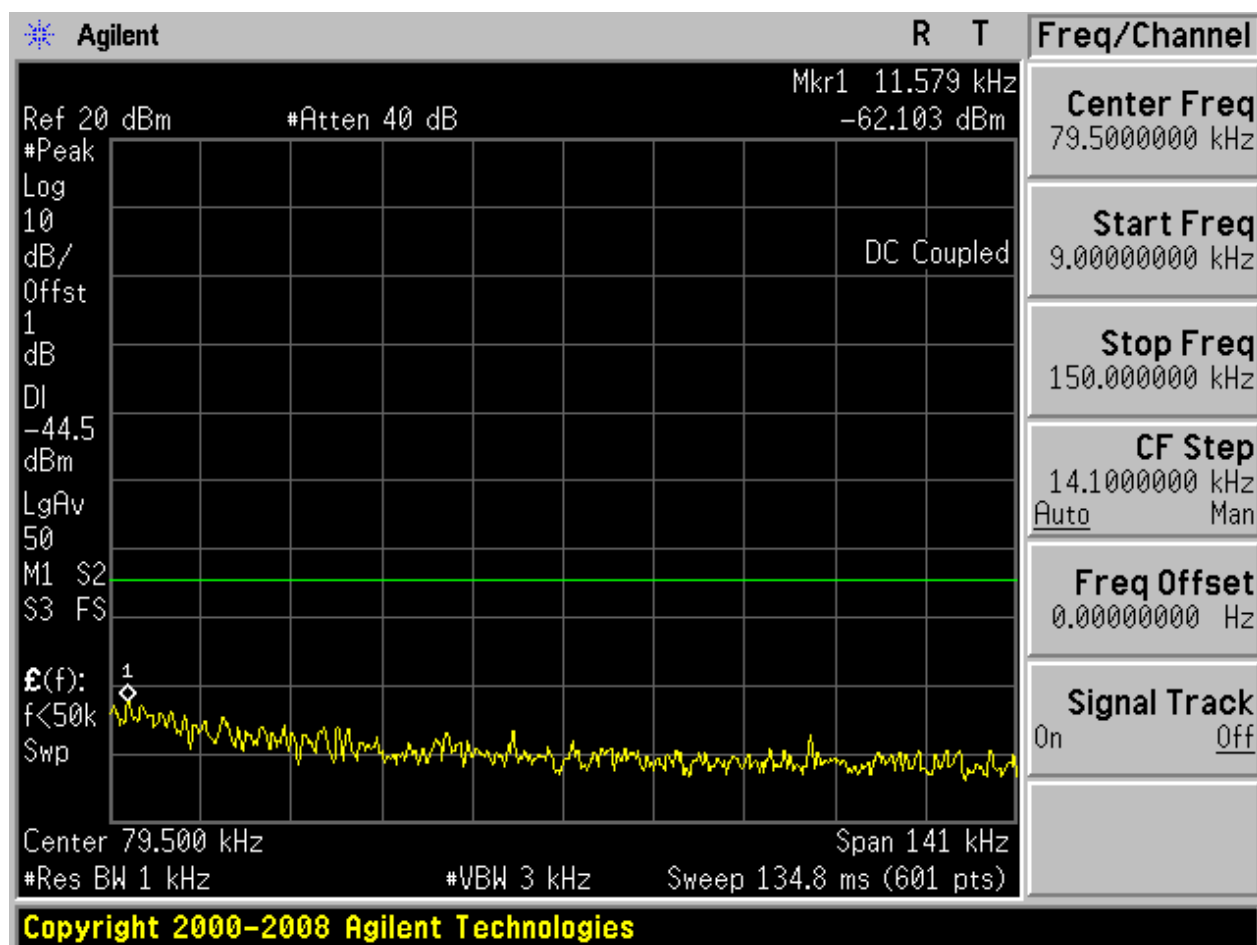
2.6 11B_H@Ant 2

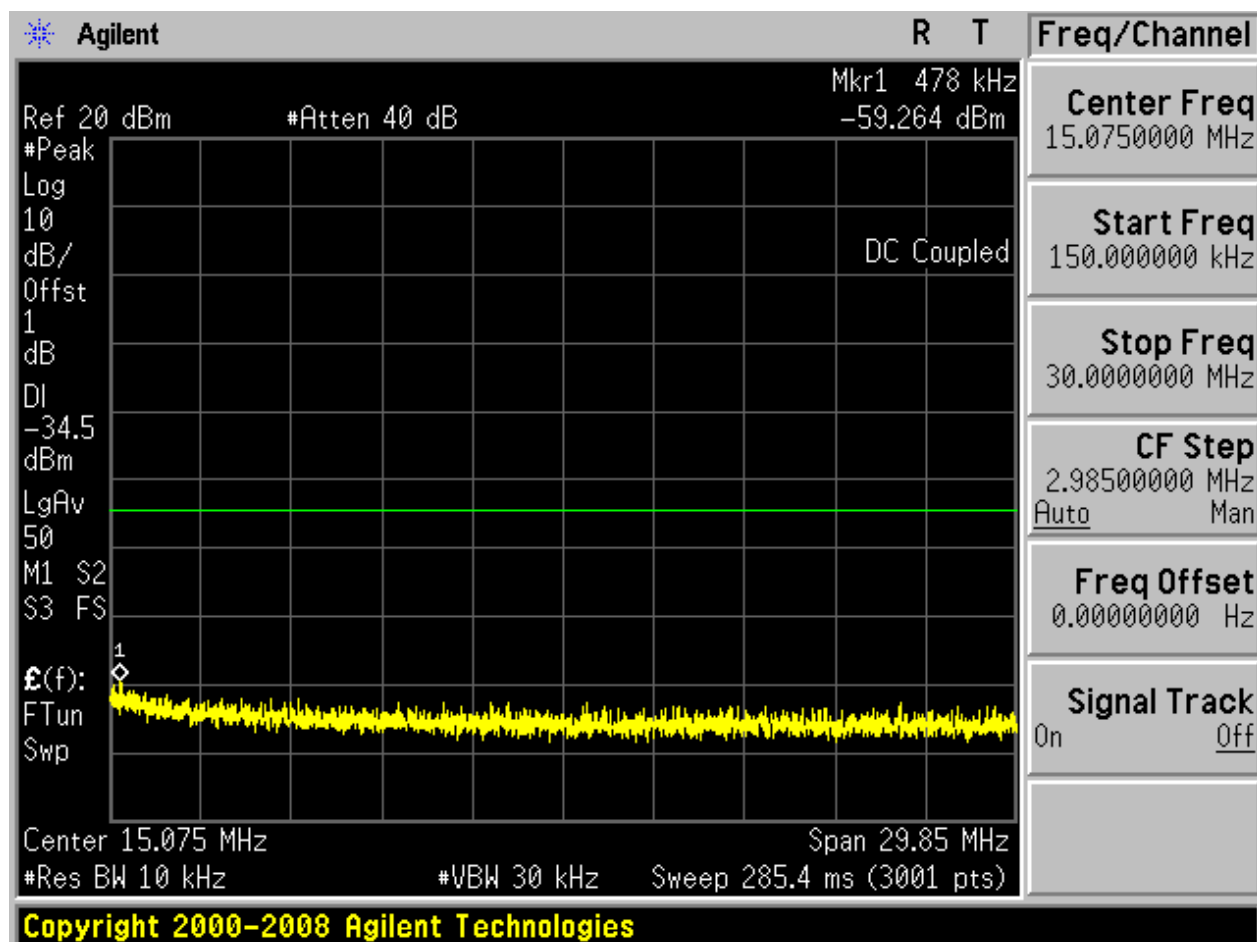
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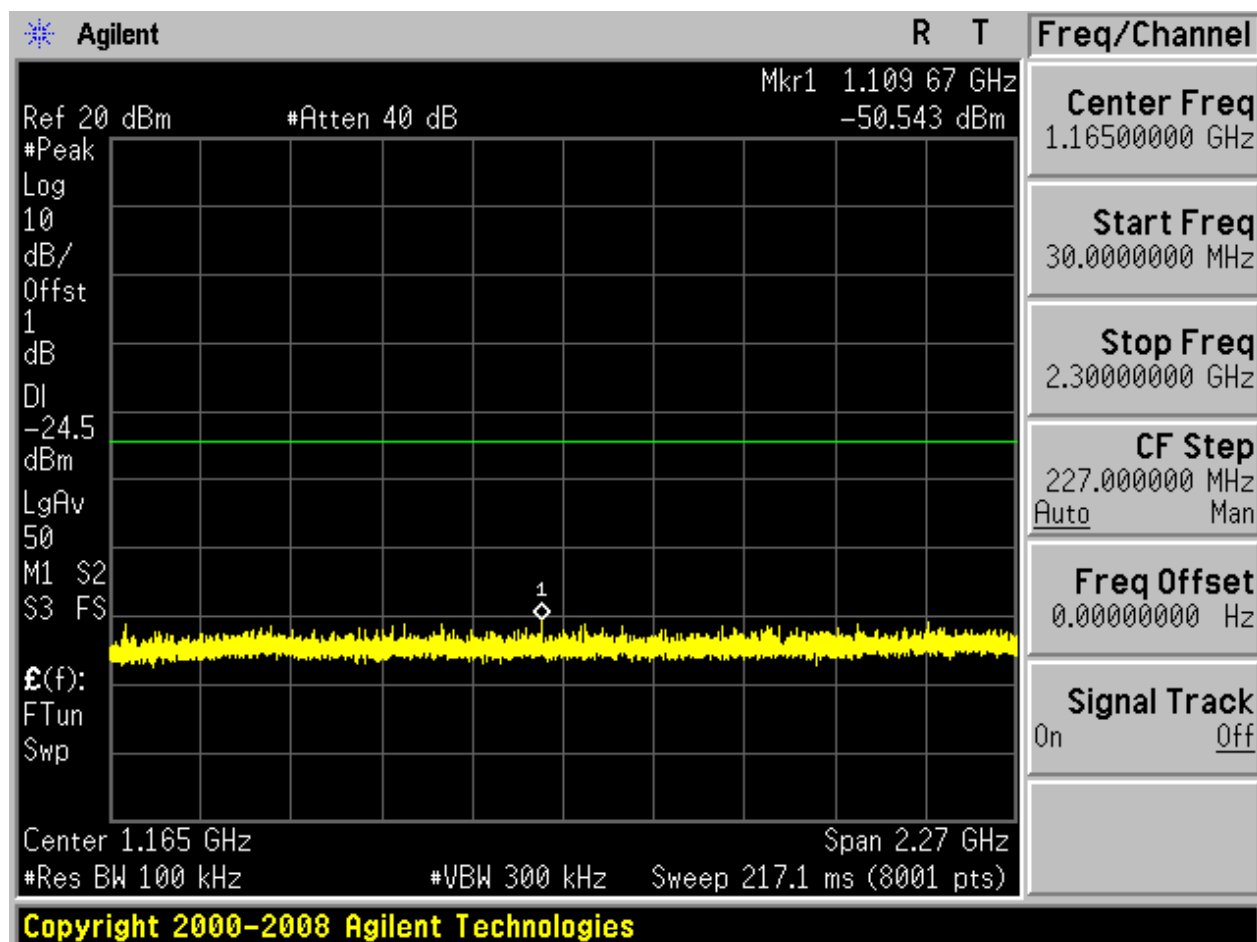


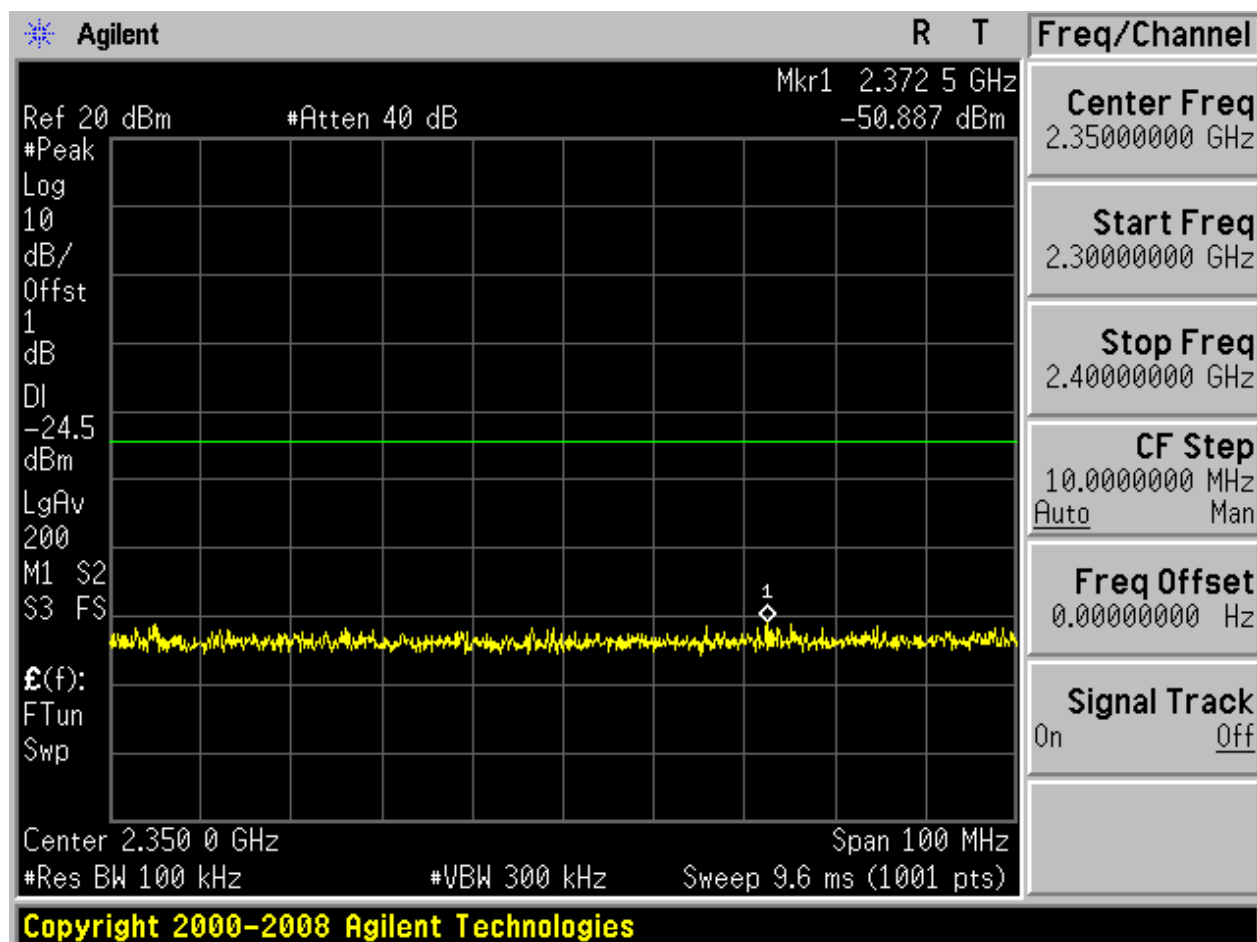


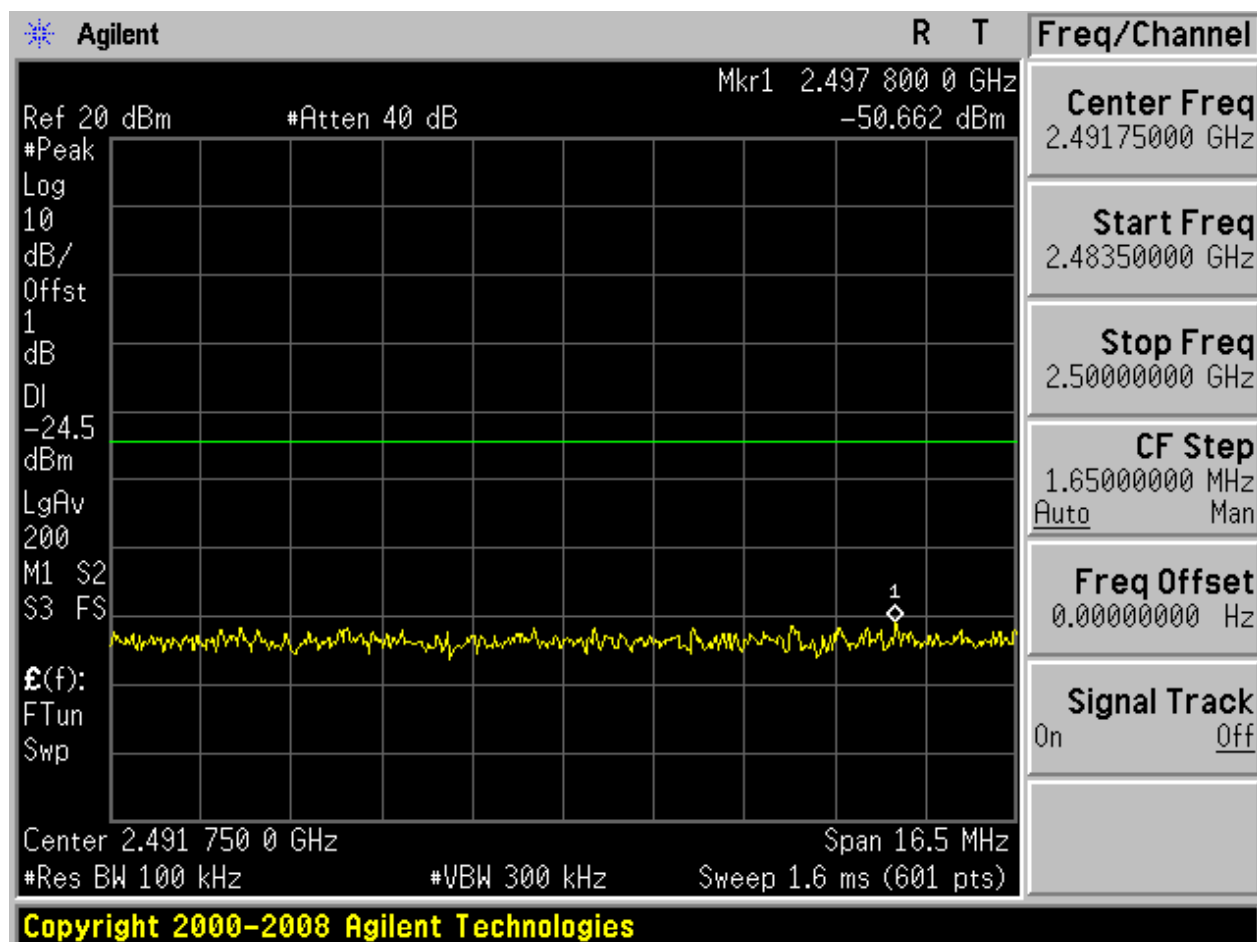
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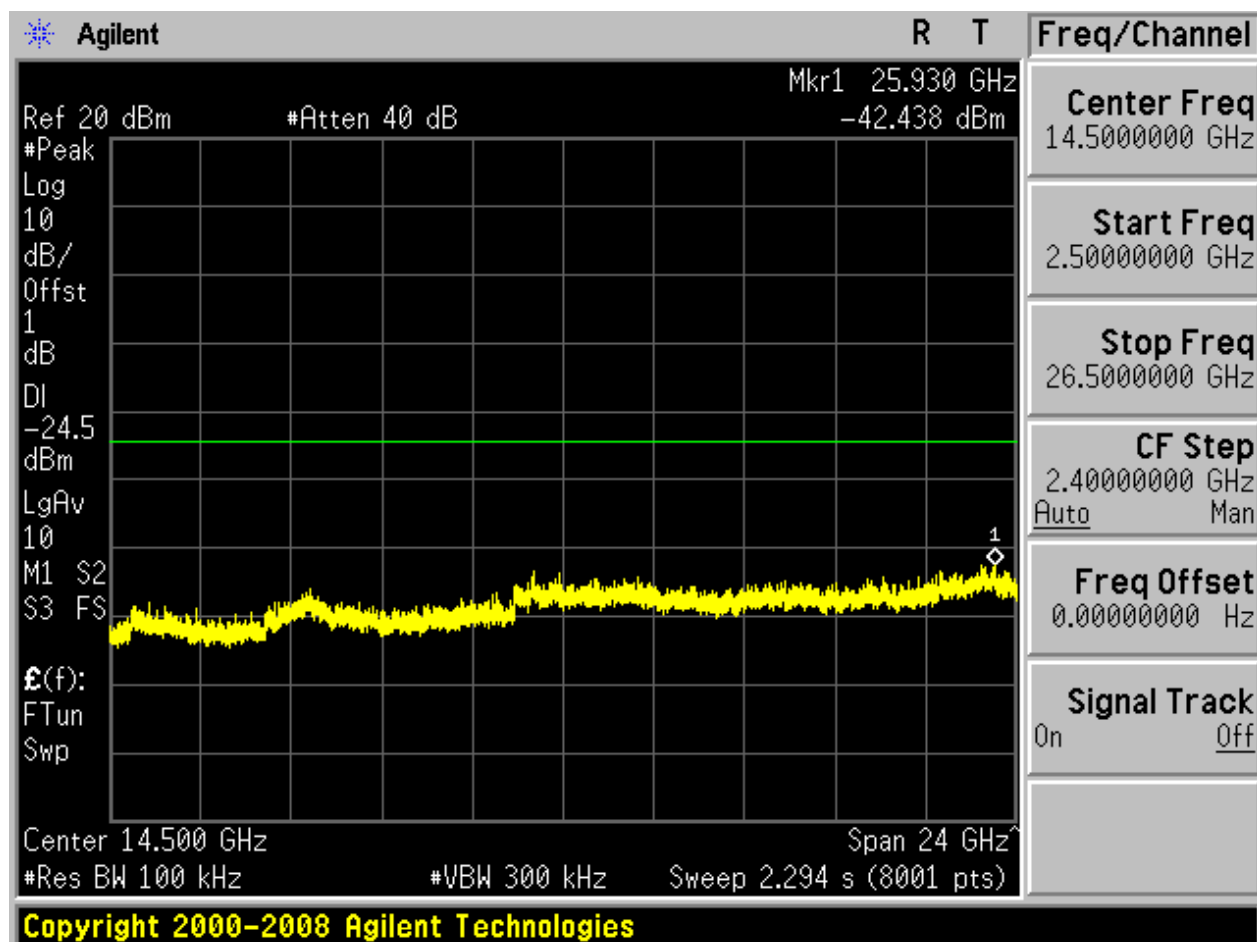






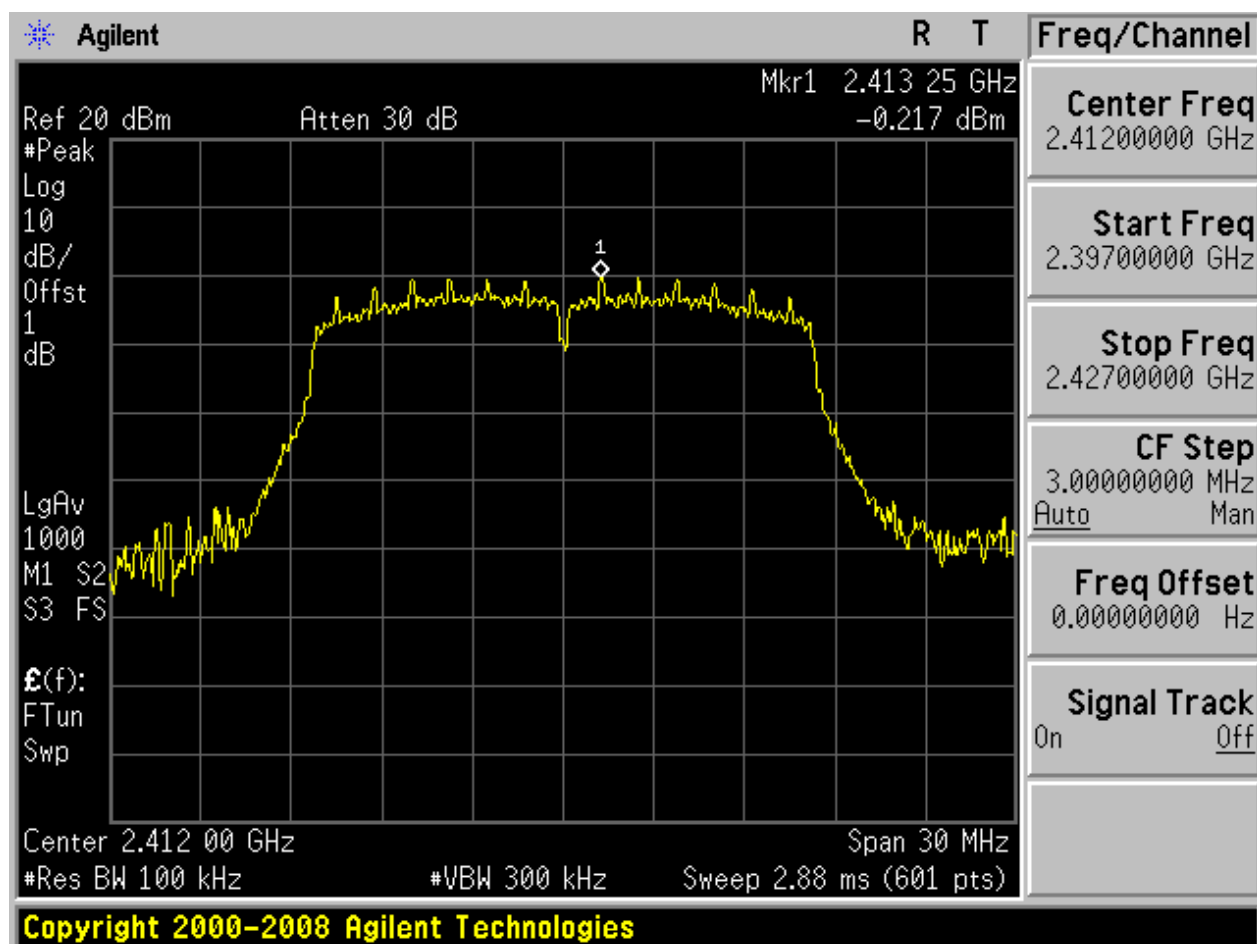






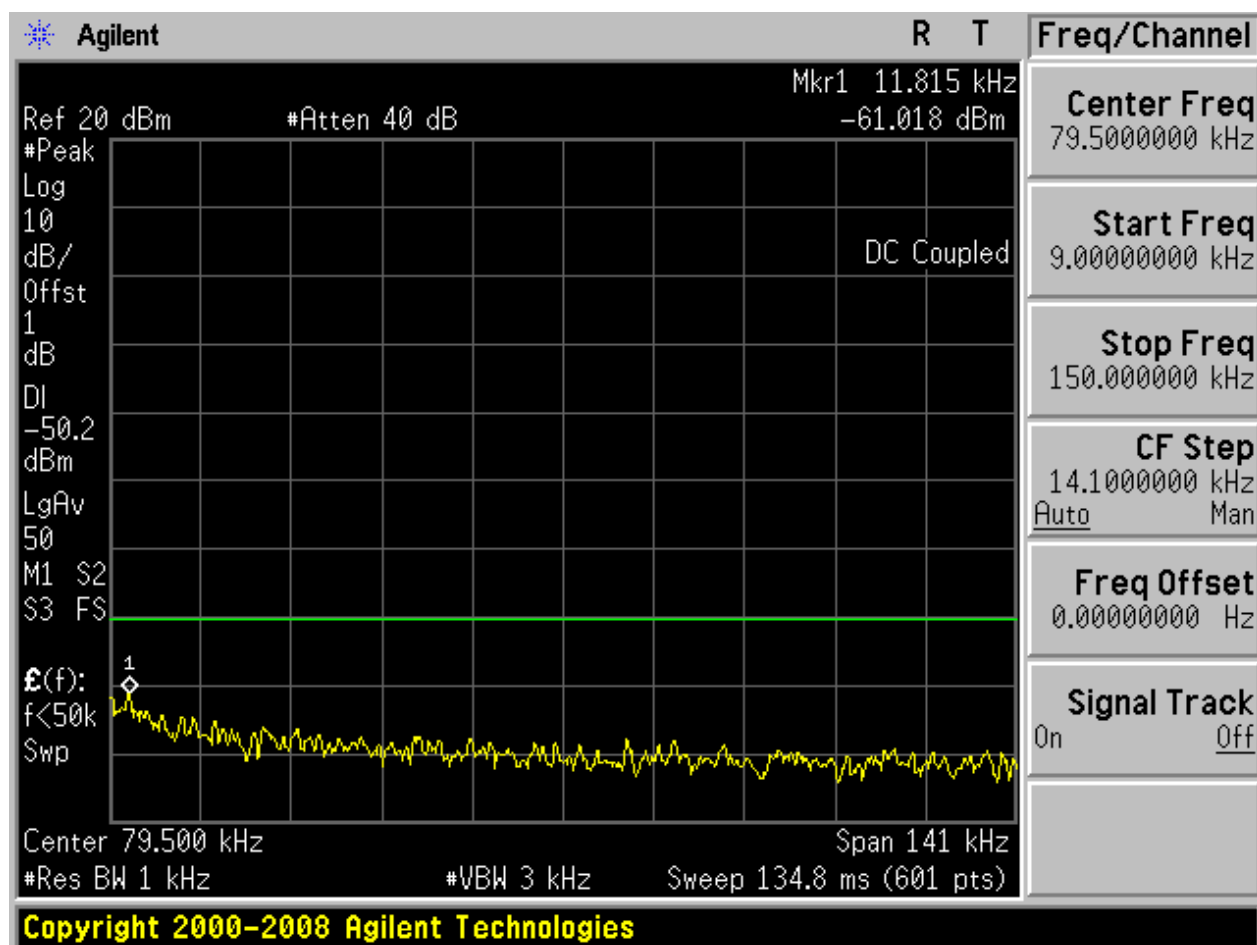
2.7 11G_L@Ant 1

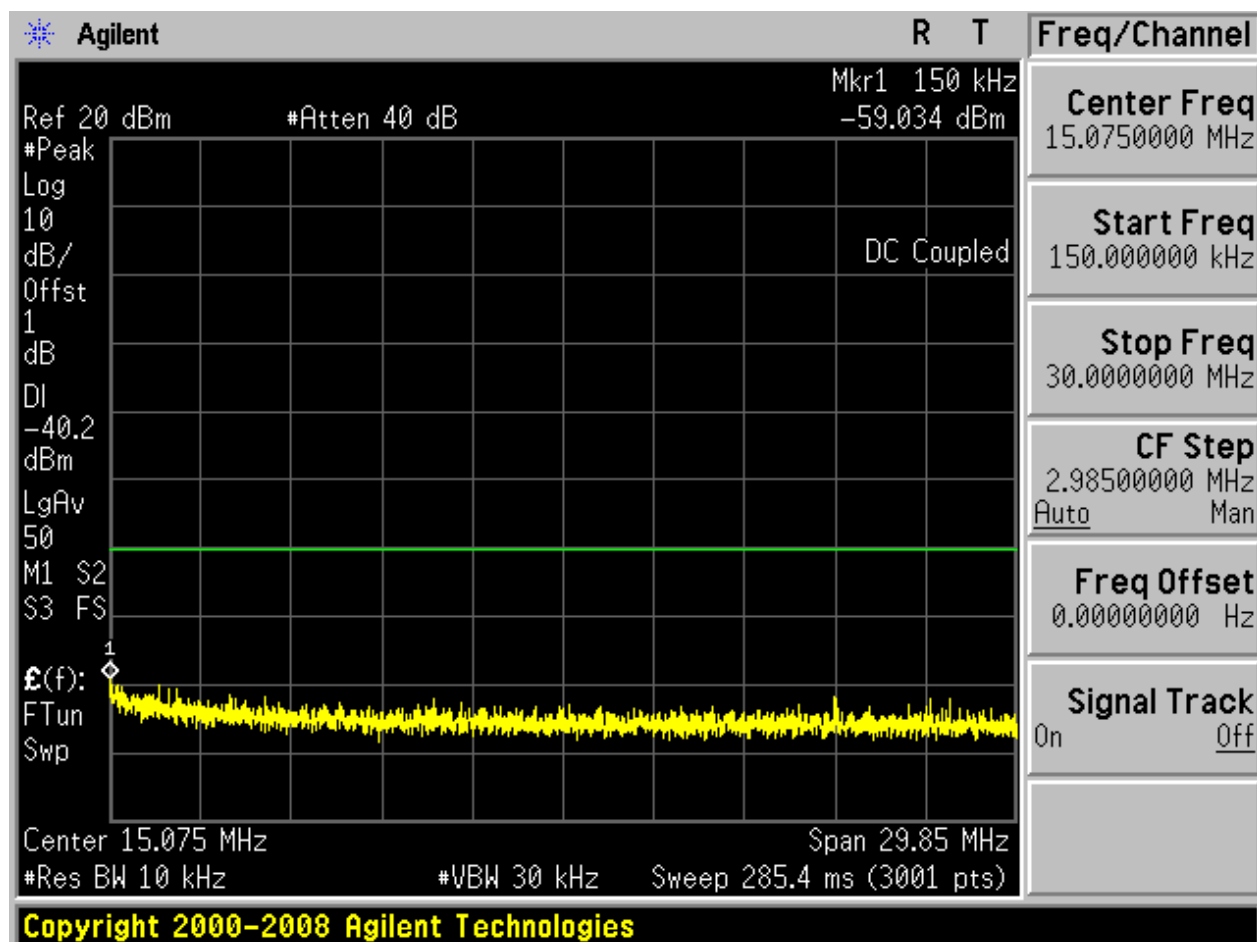
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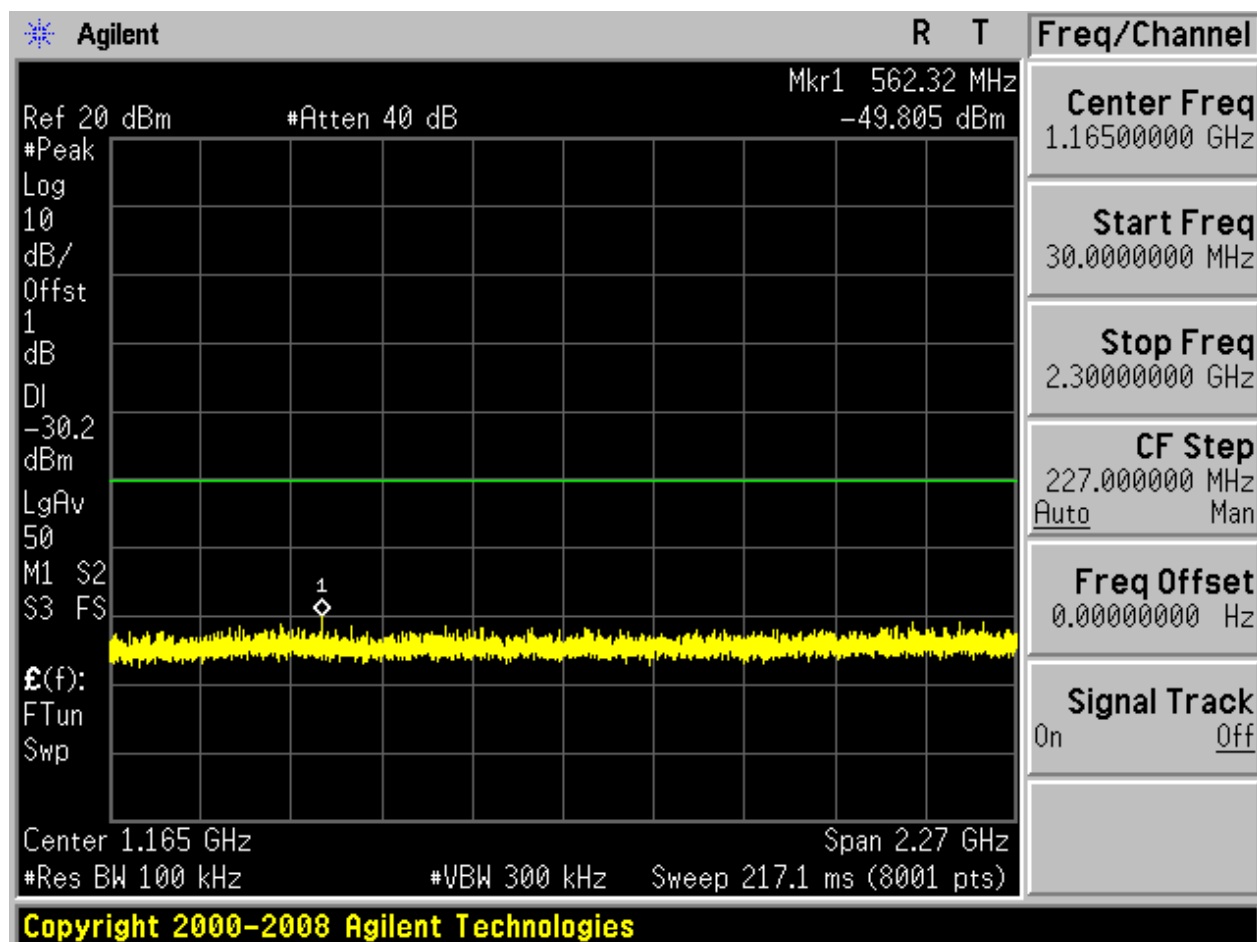


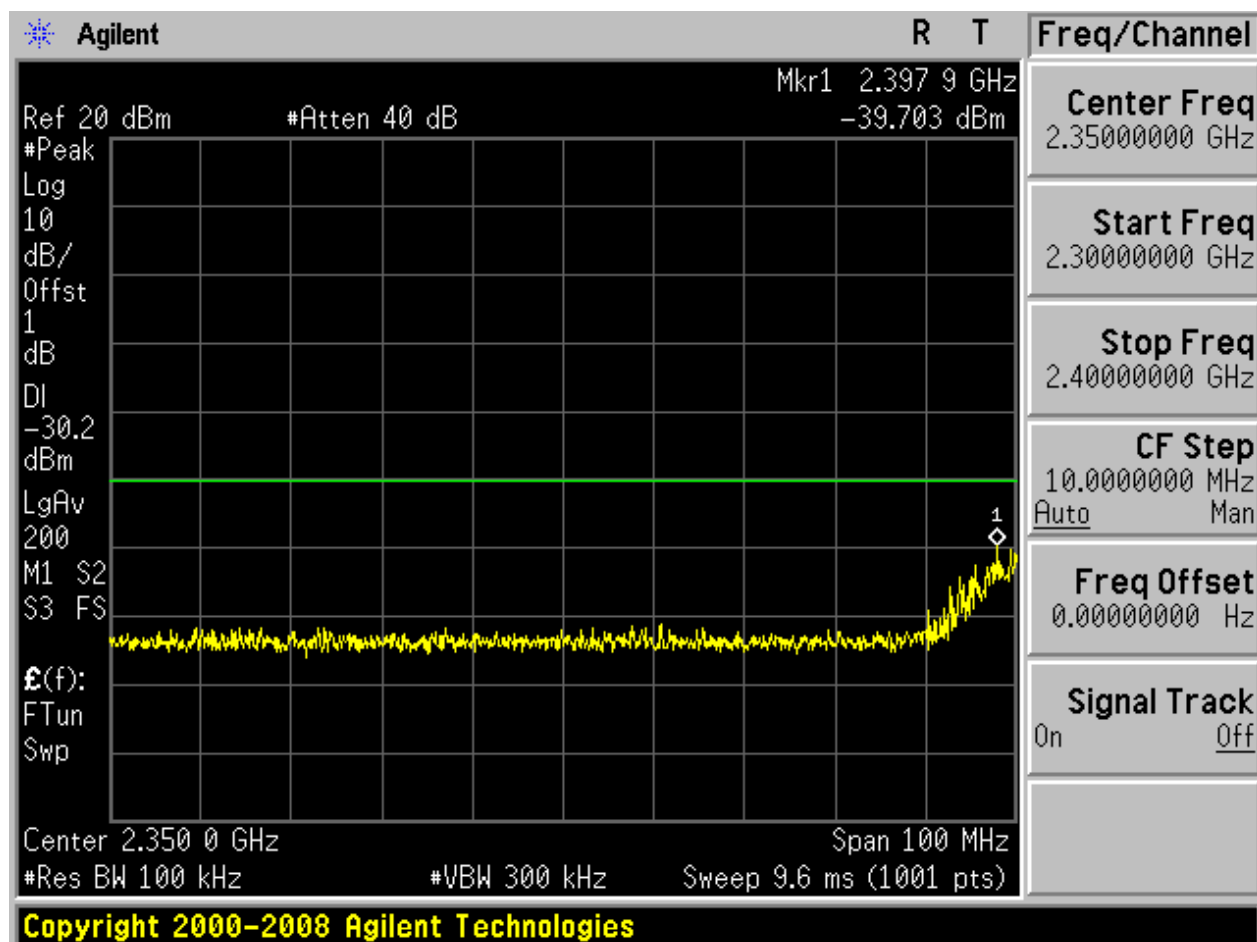


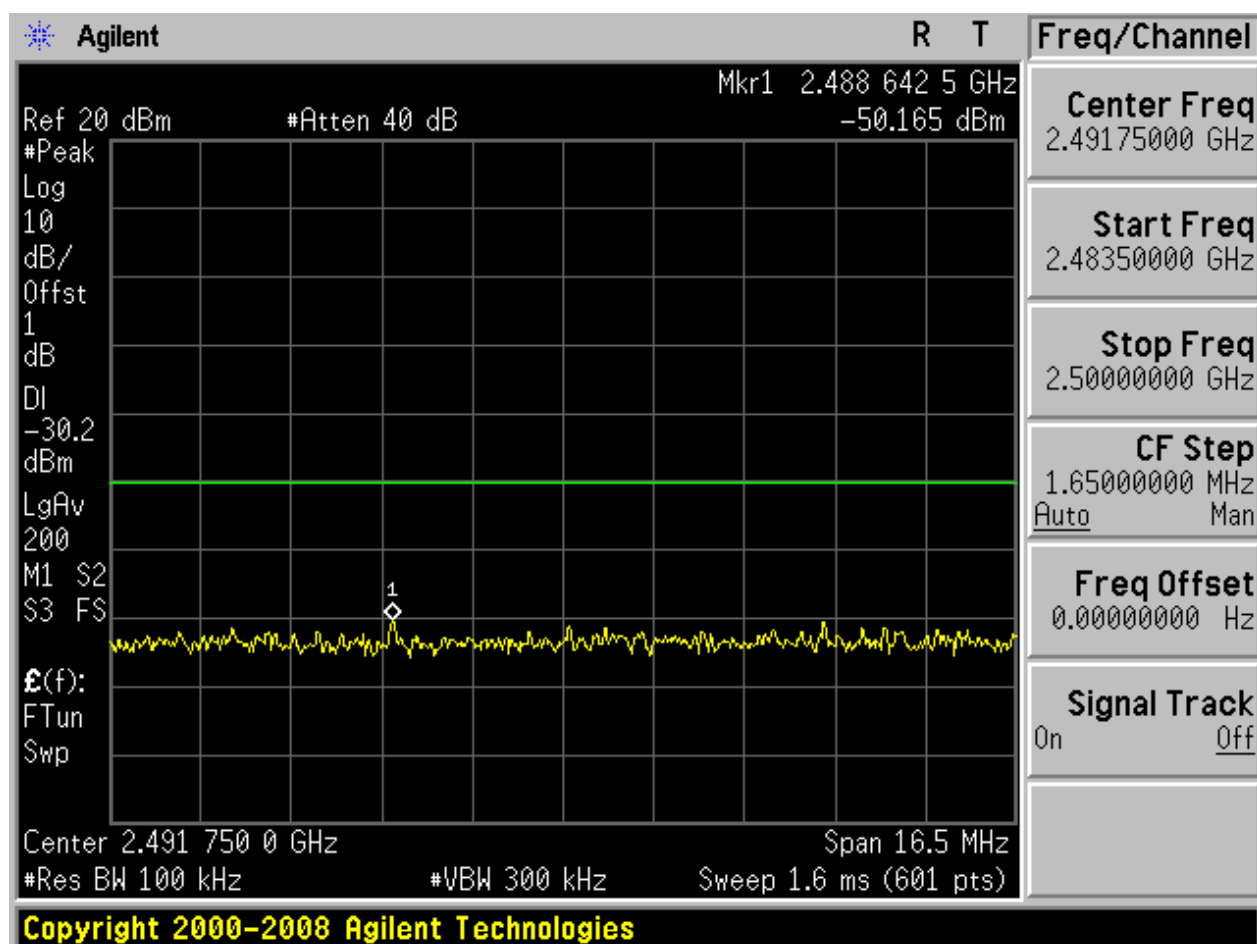
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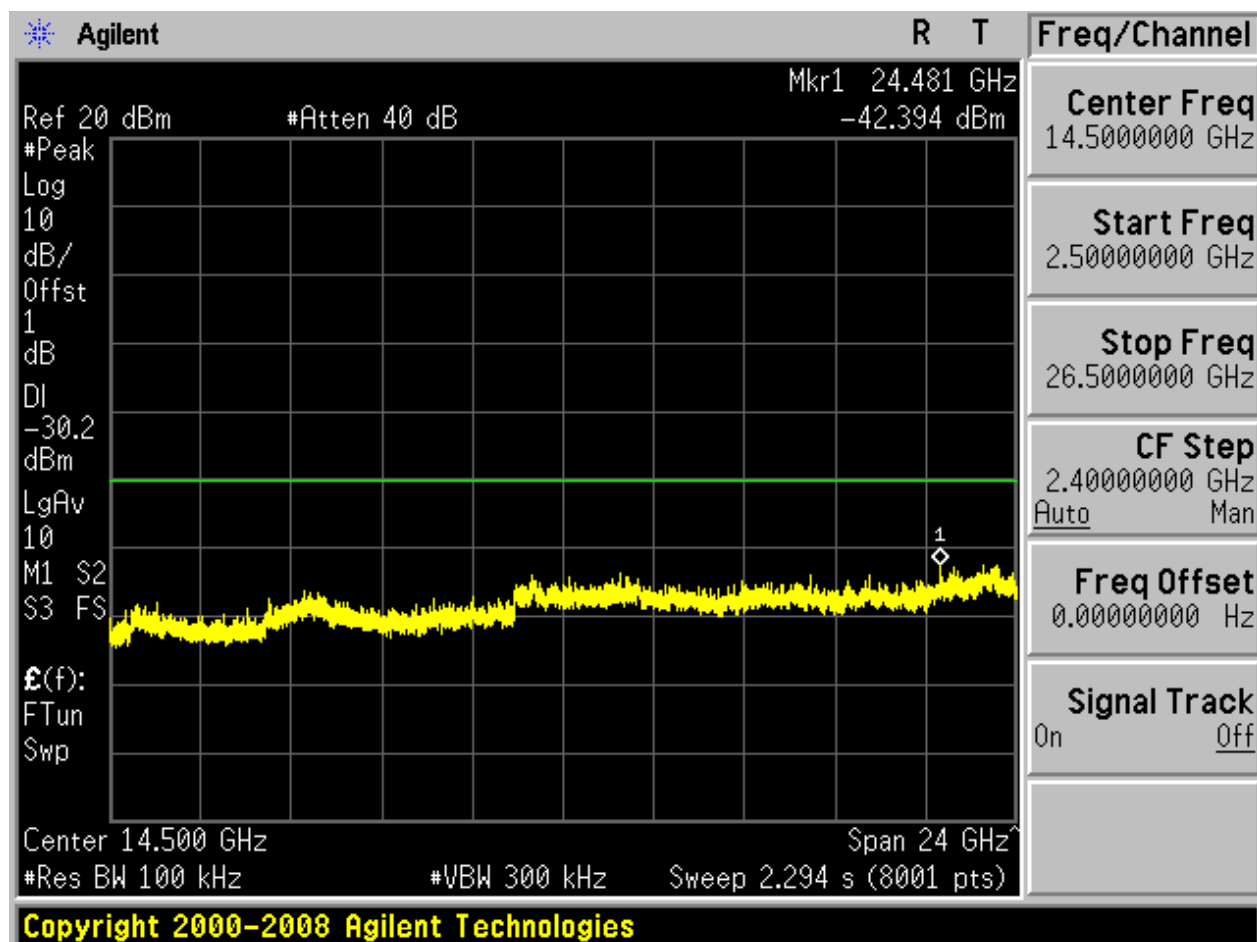






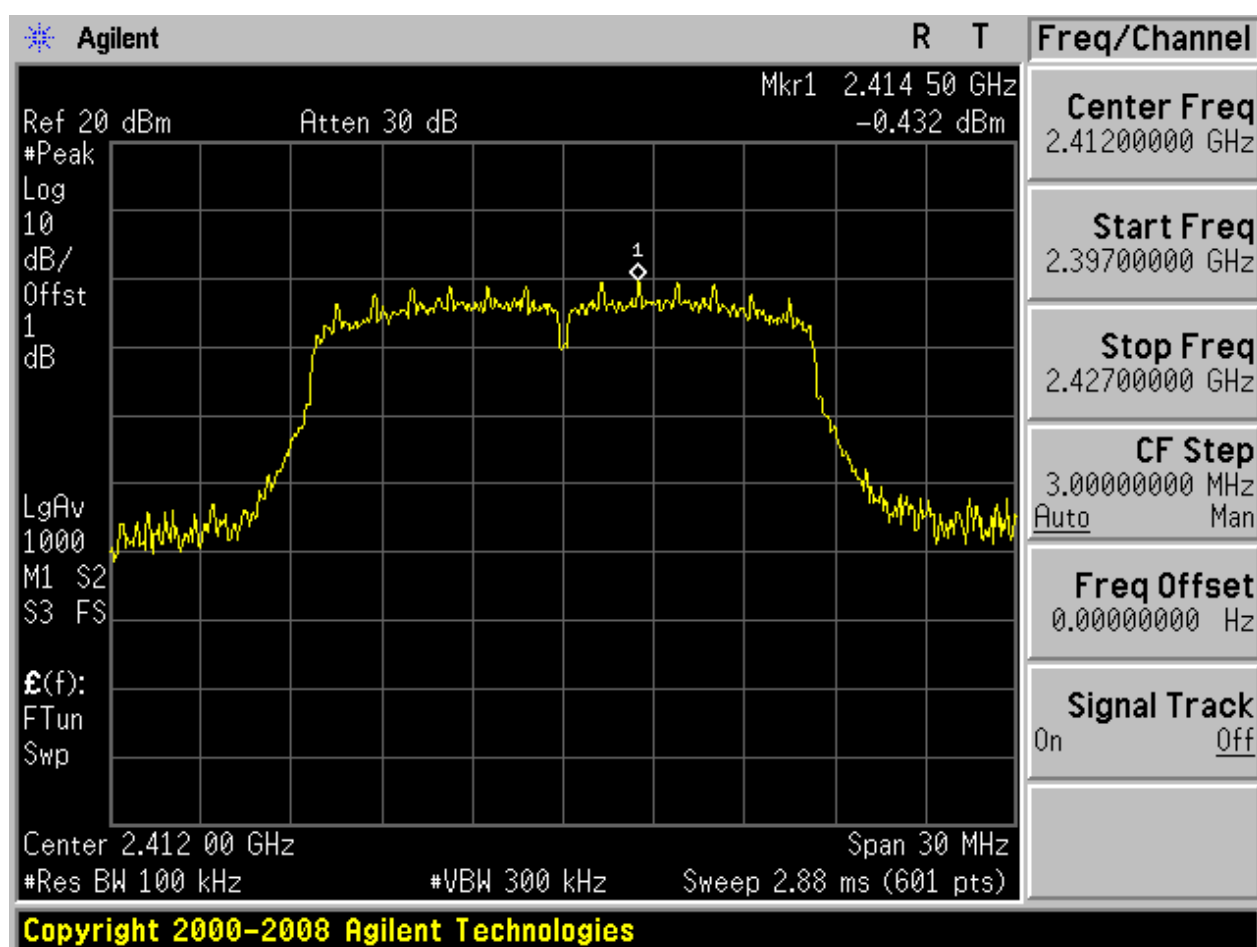






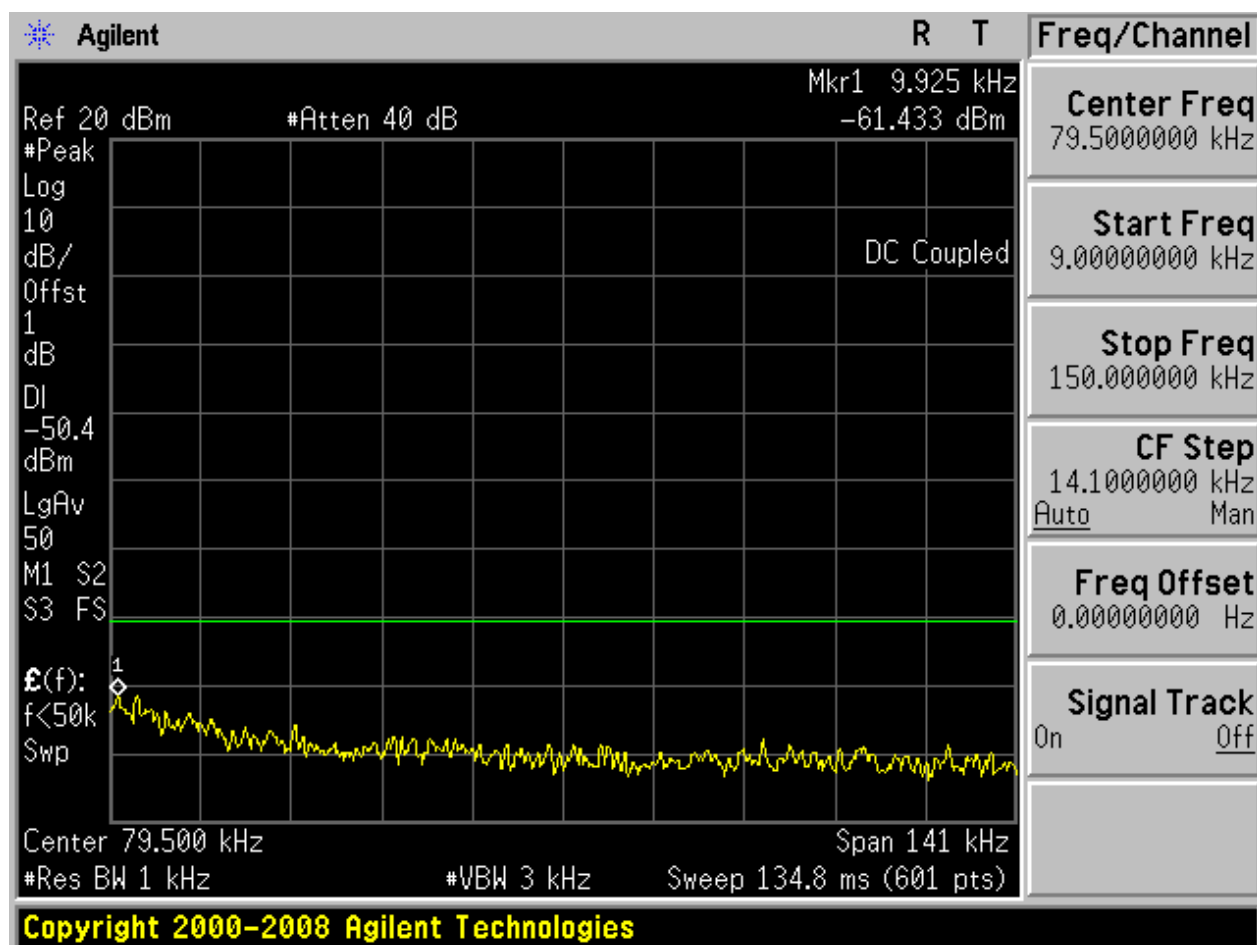
2.8 11G_L@Ant 2

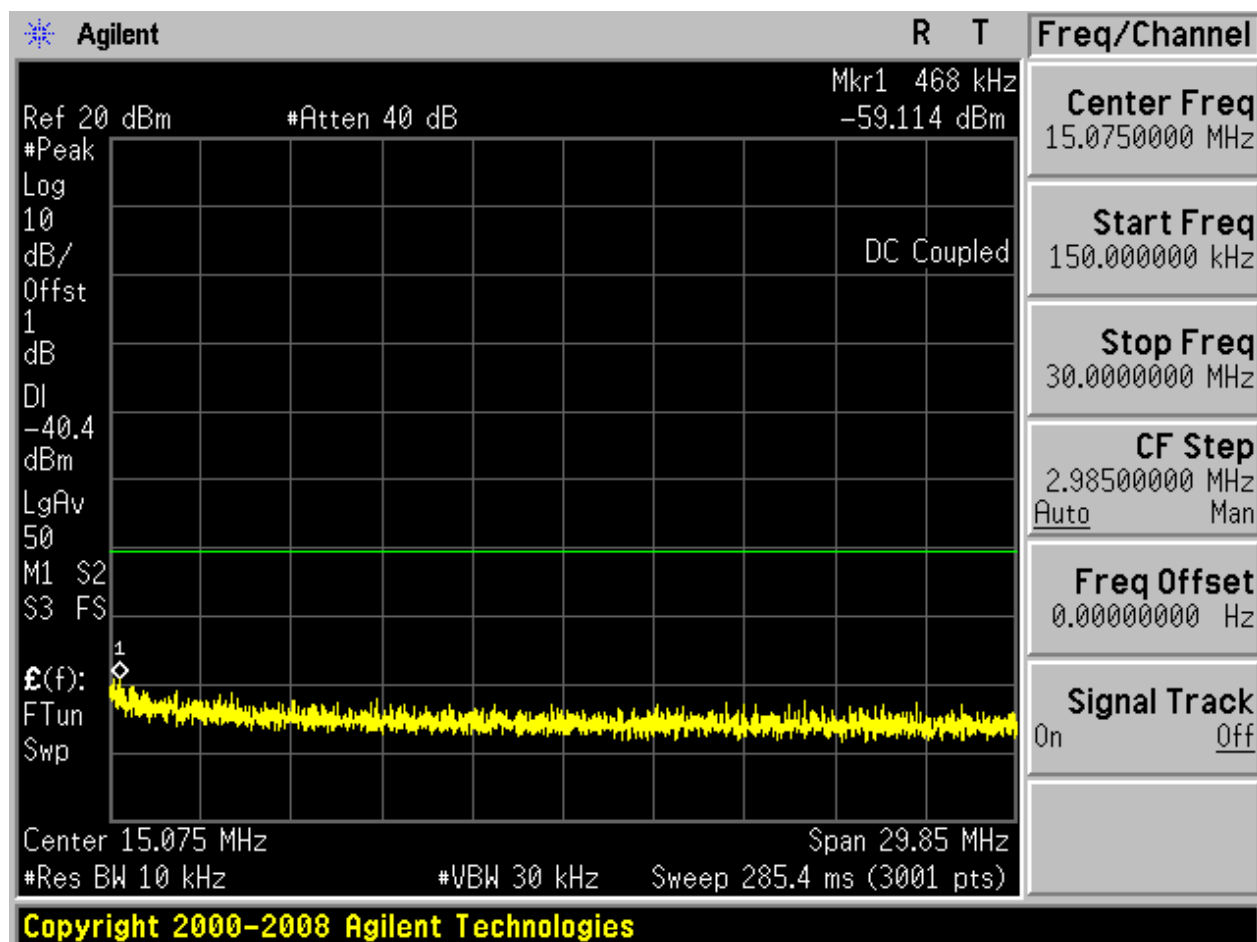
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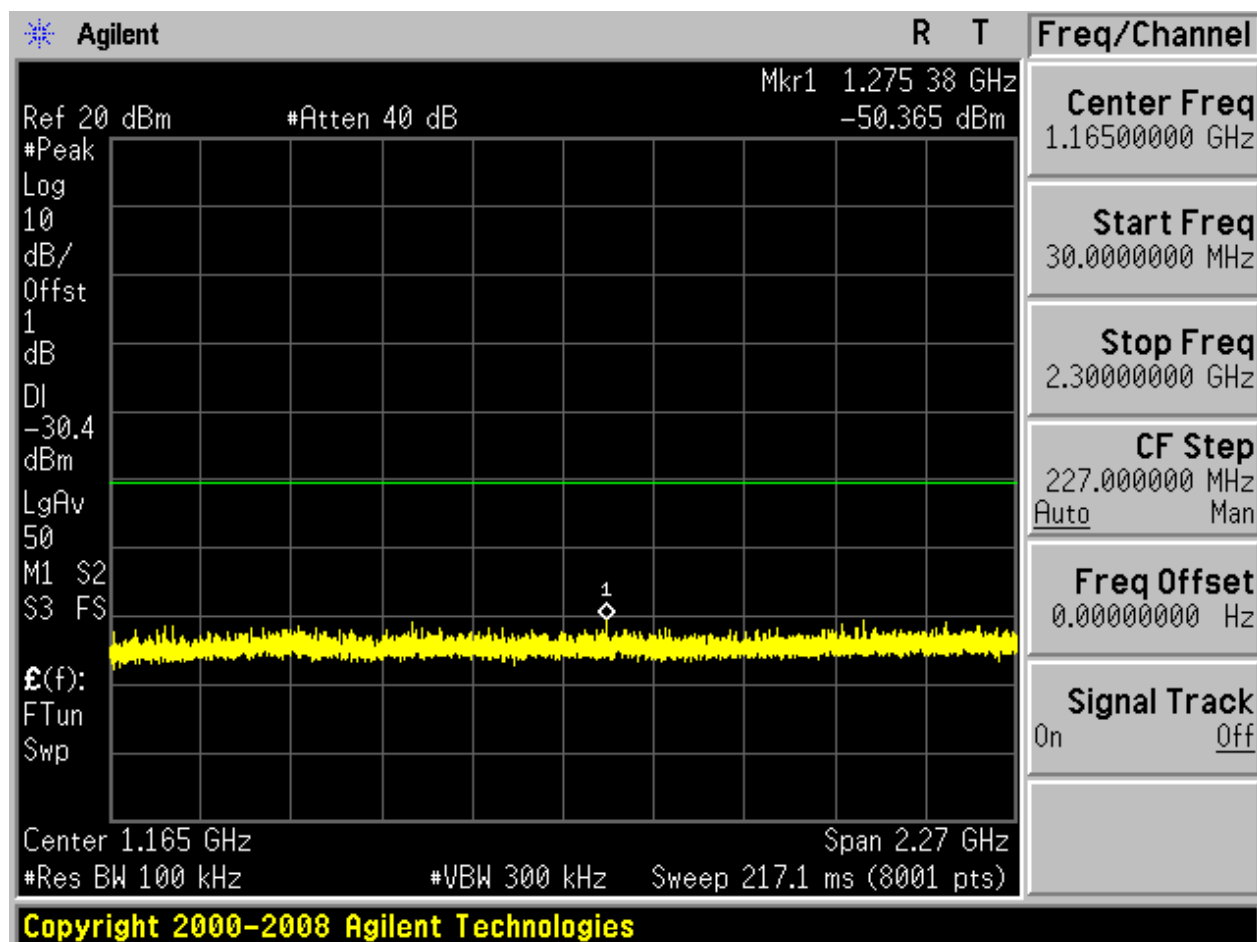


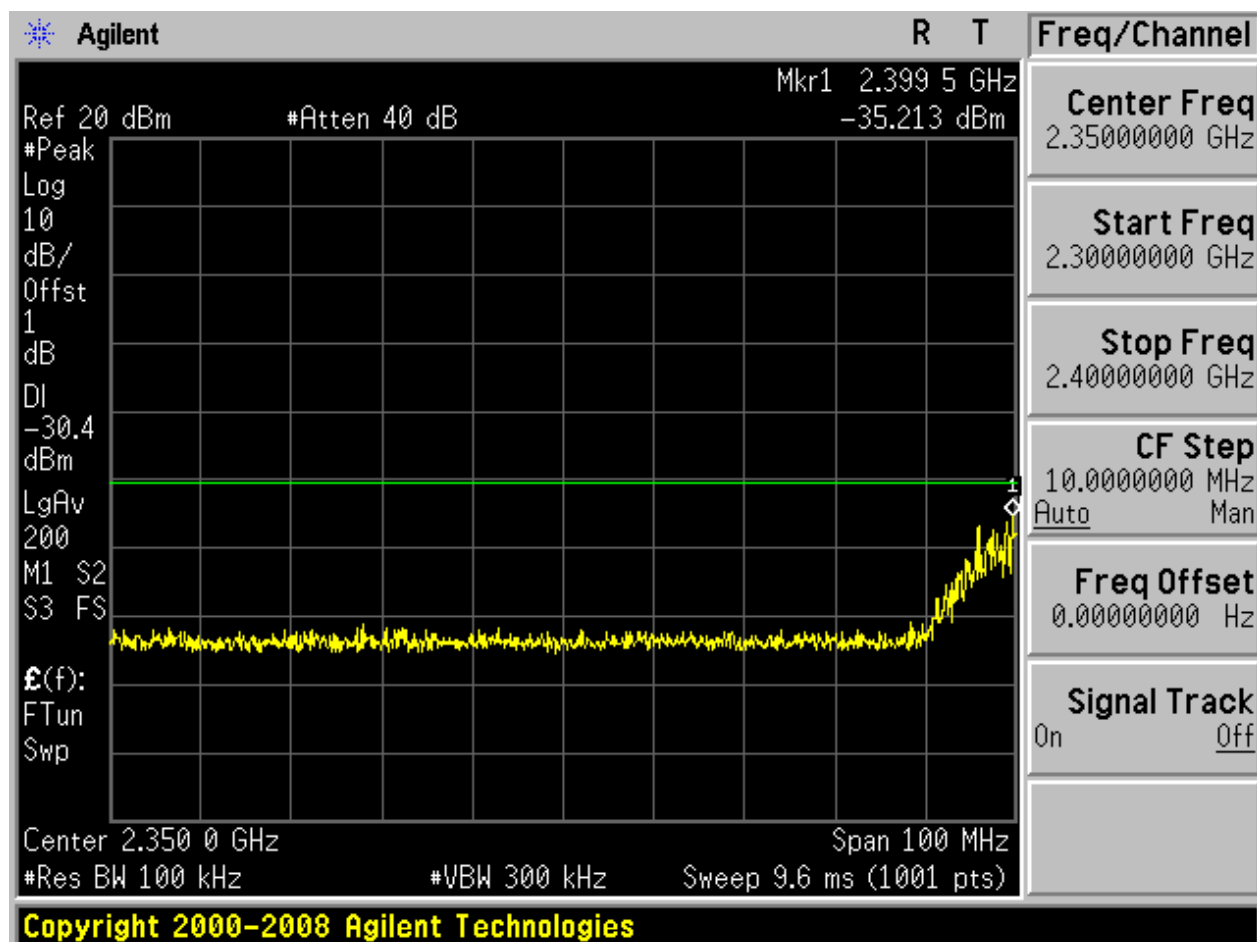


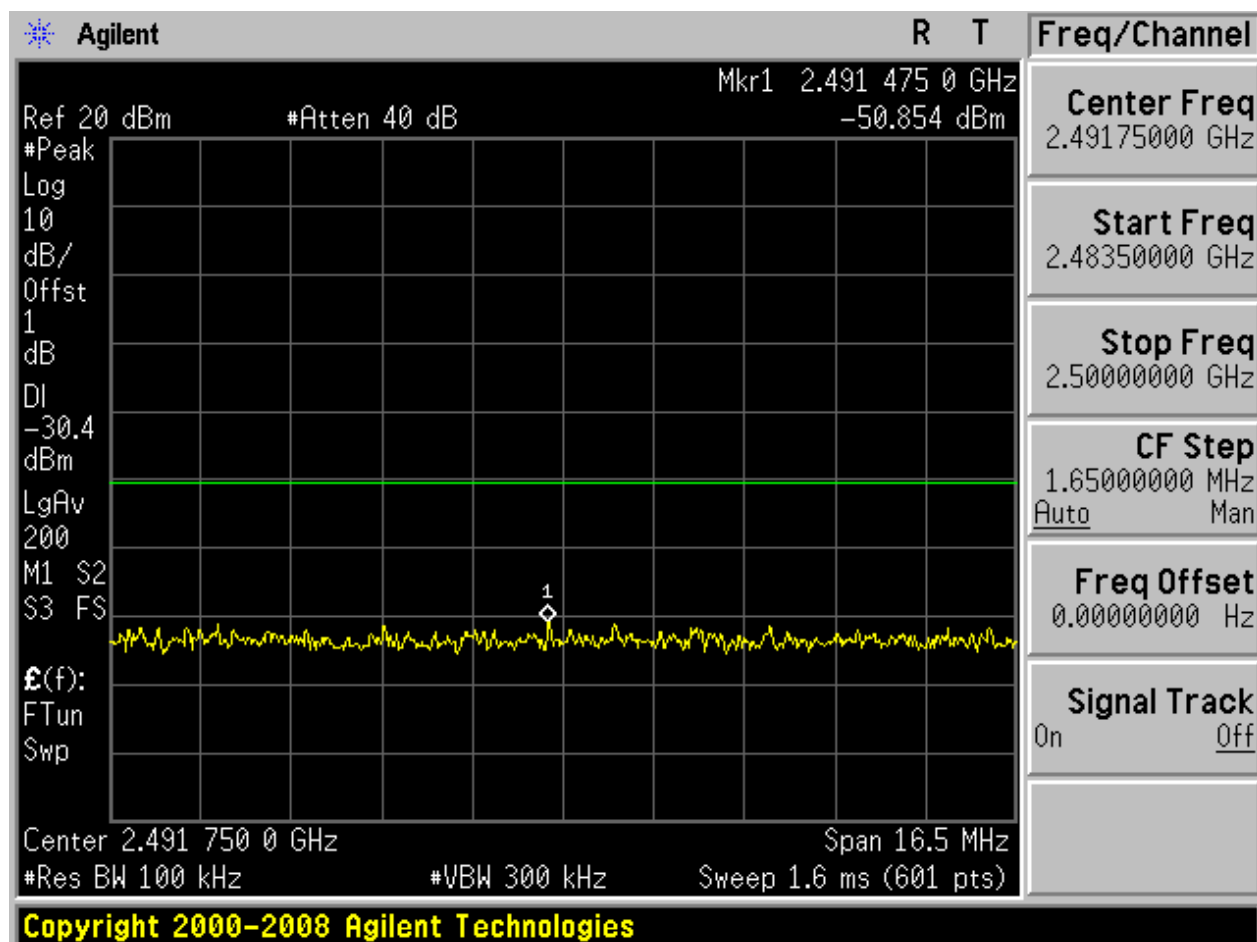
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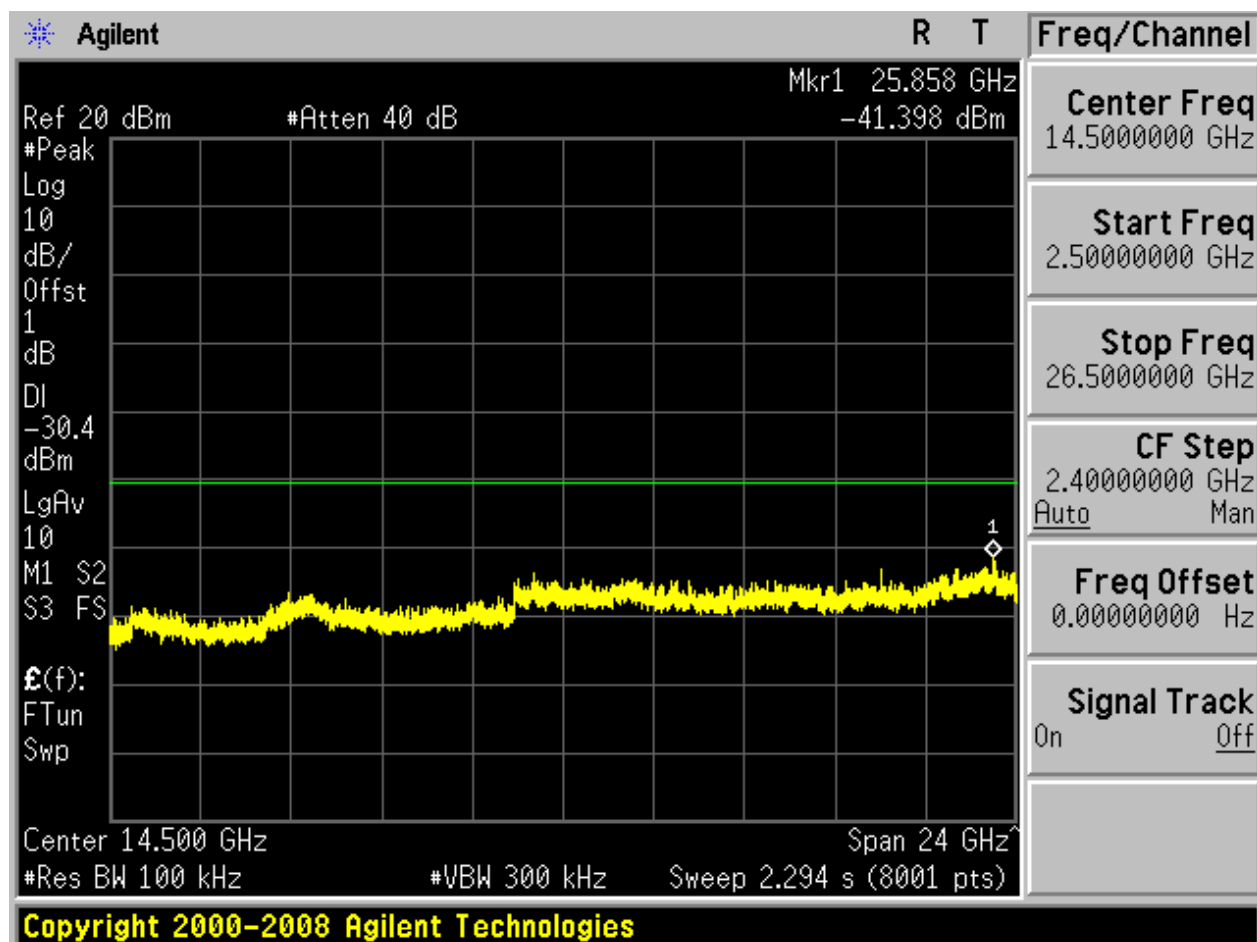






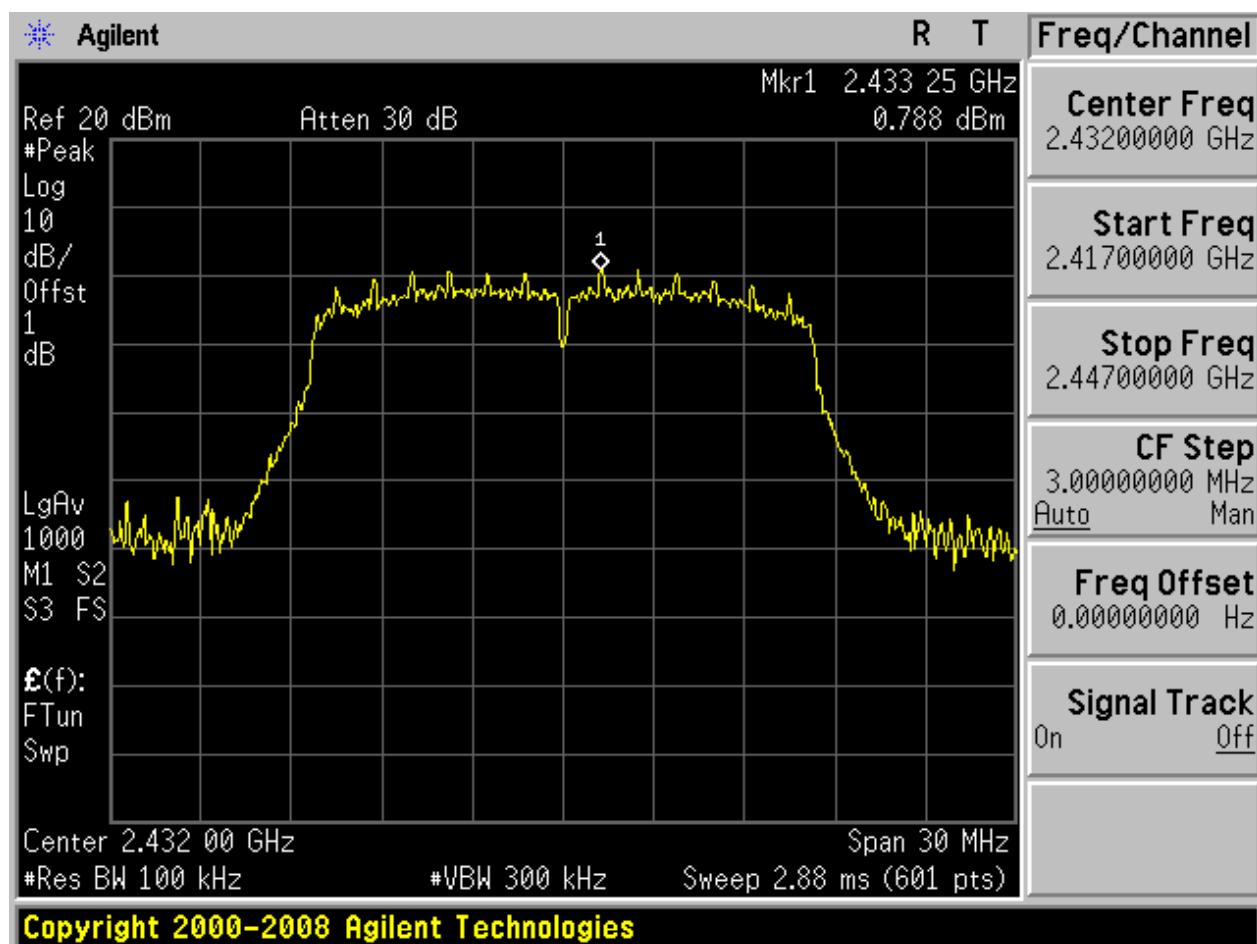






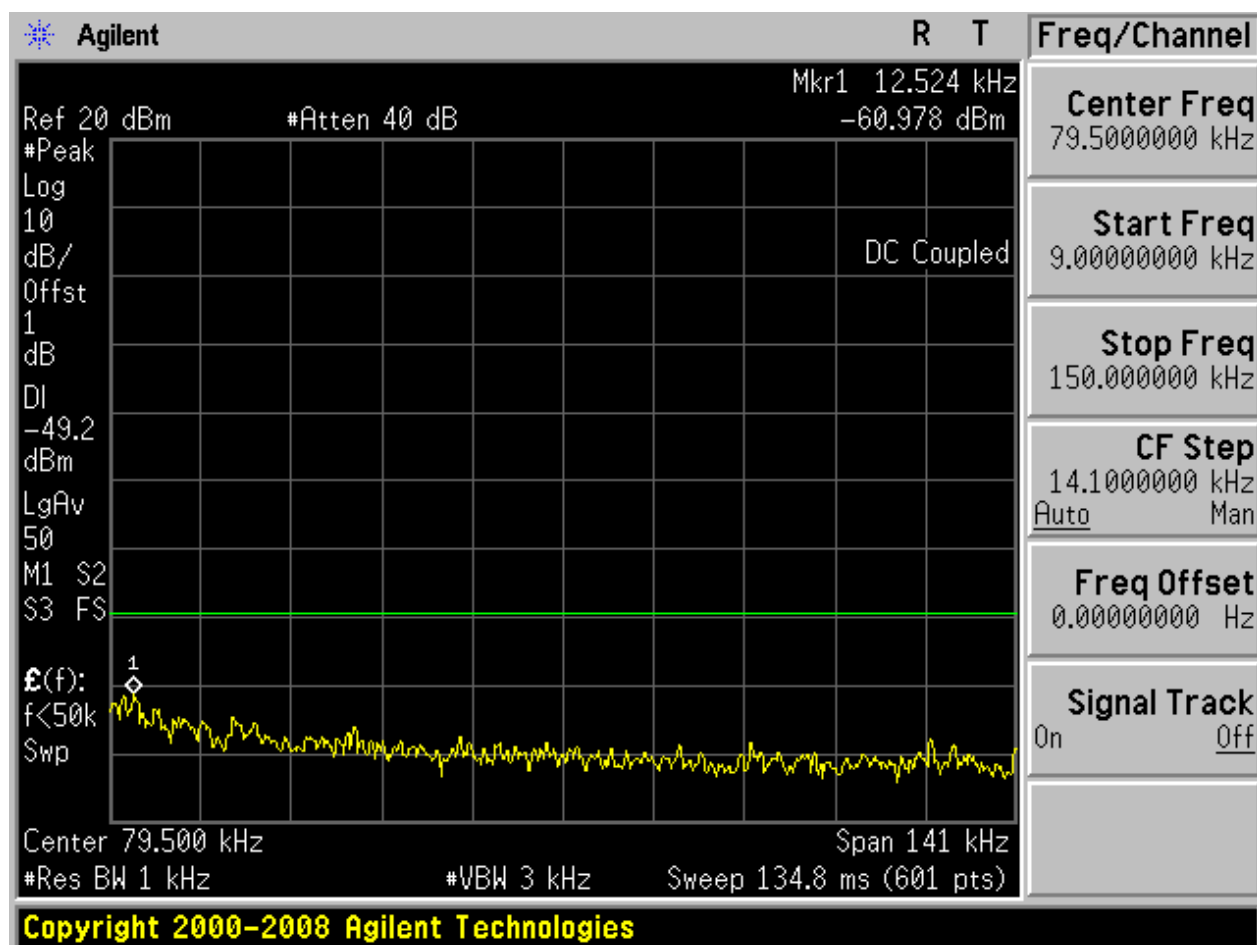
2.9 11G_M@Ant 1

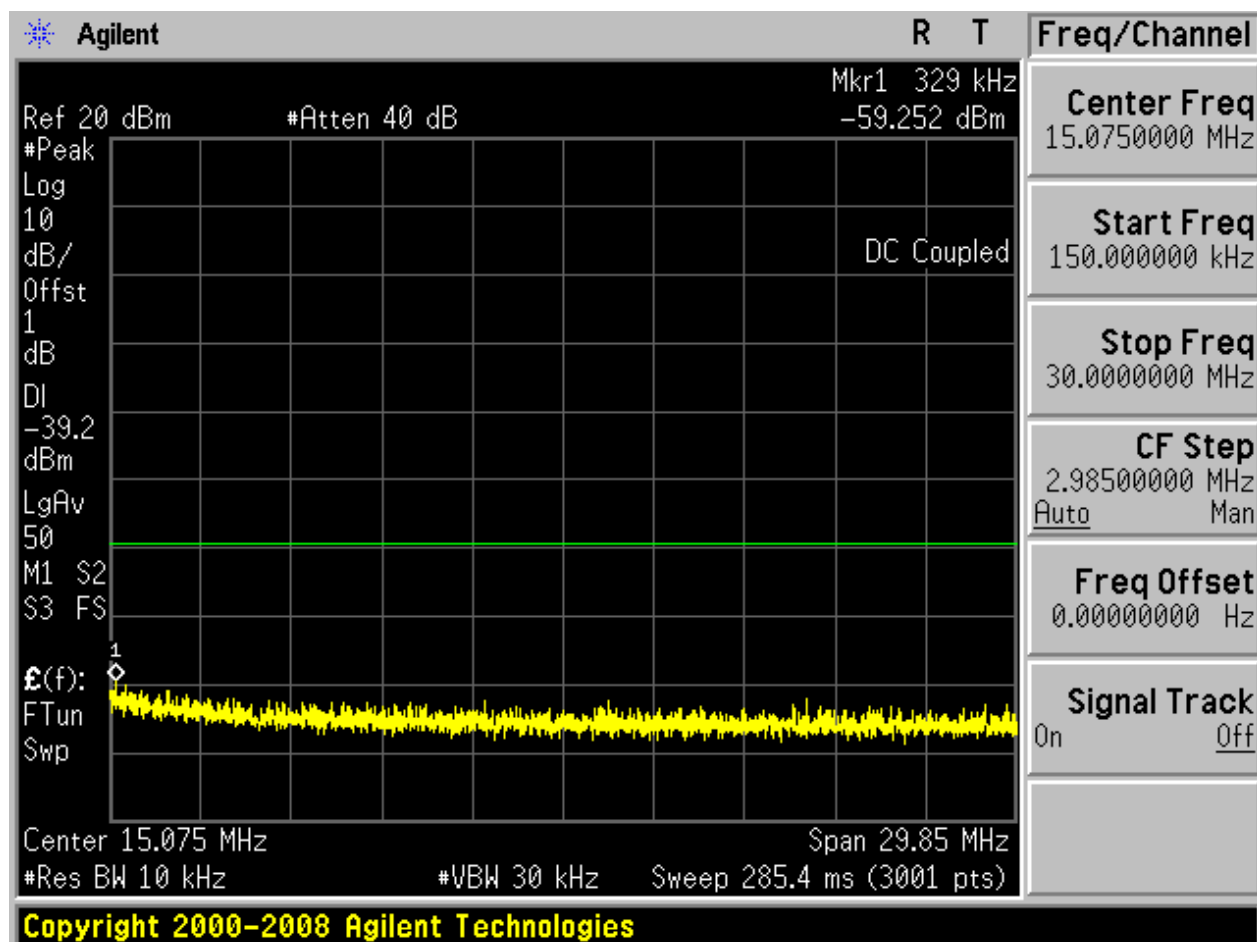
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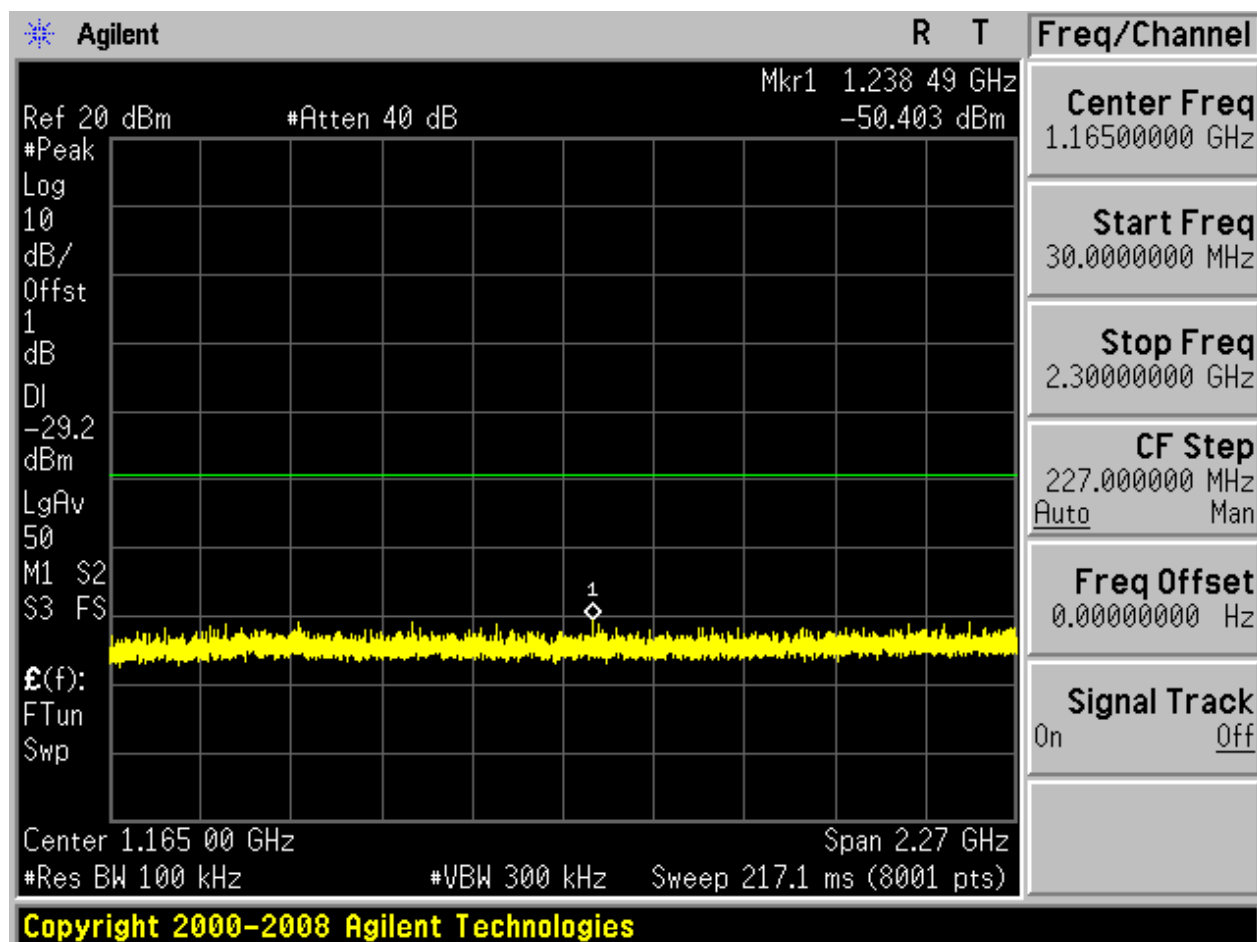


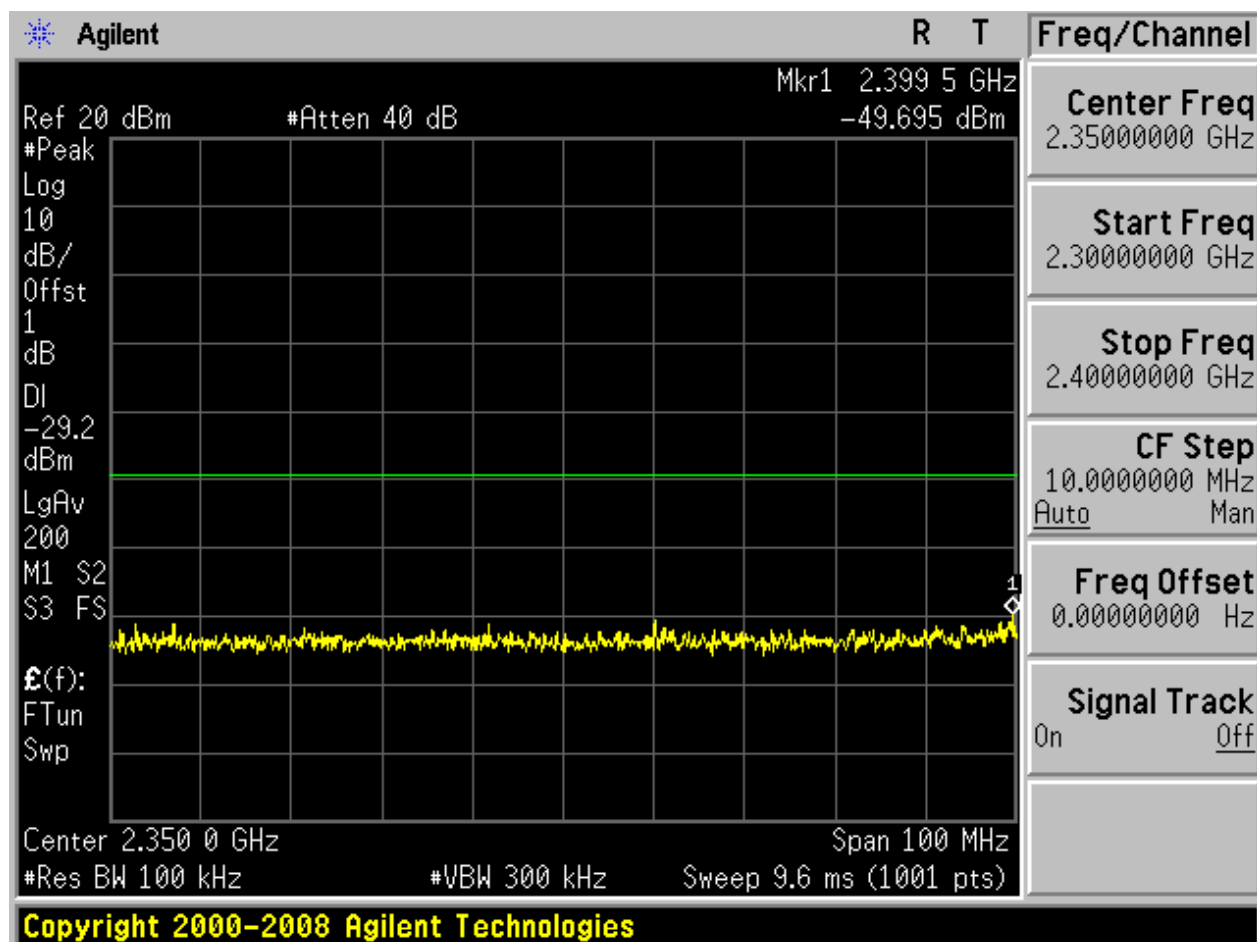


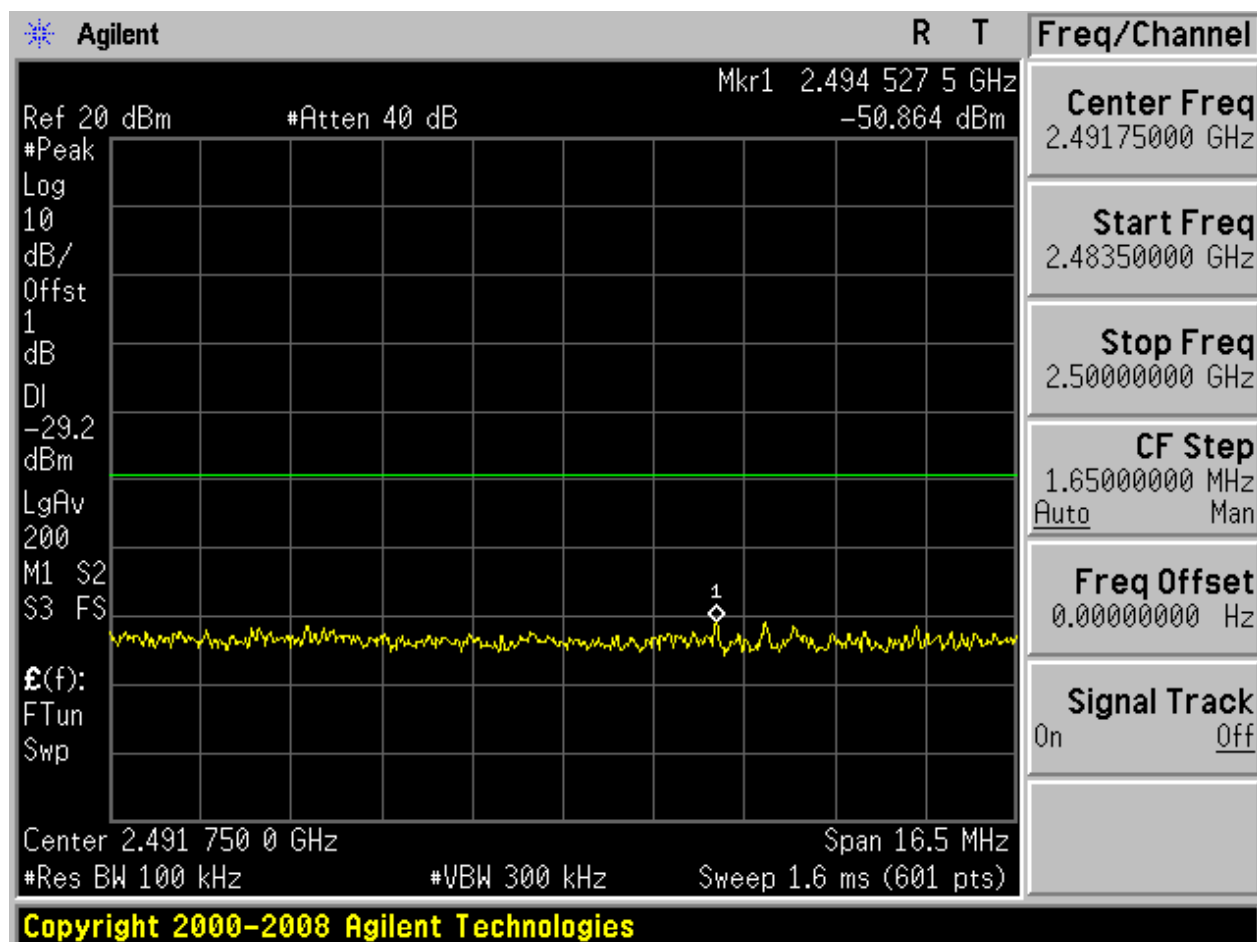
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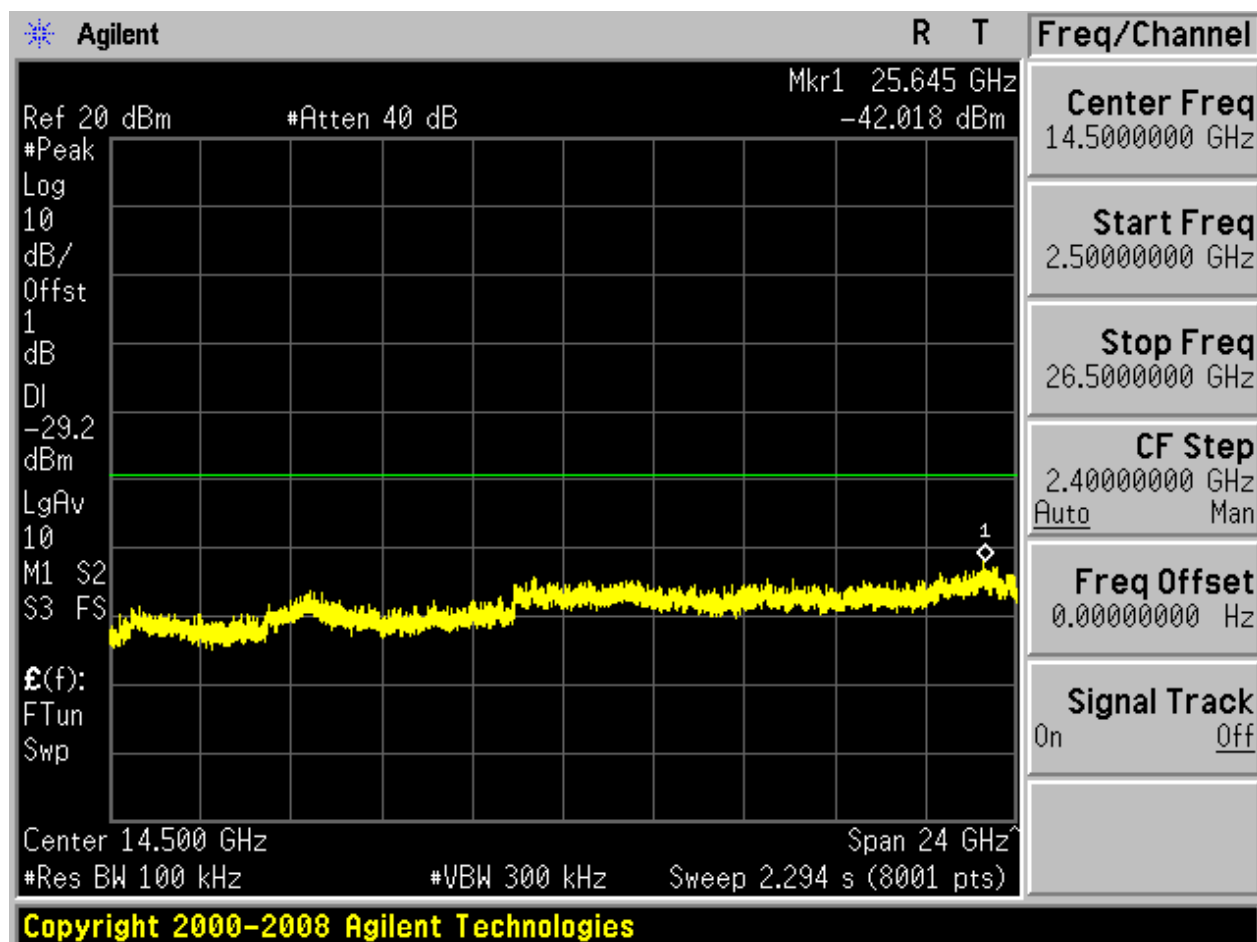






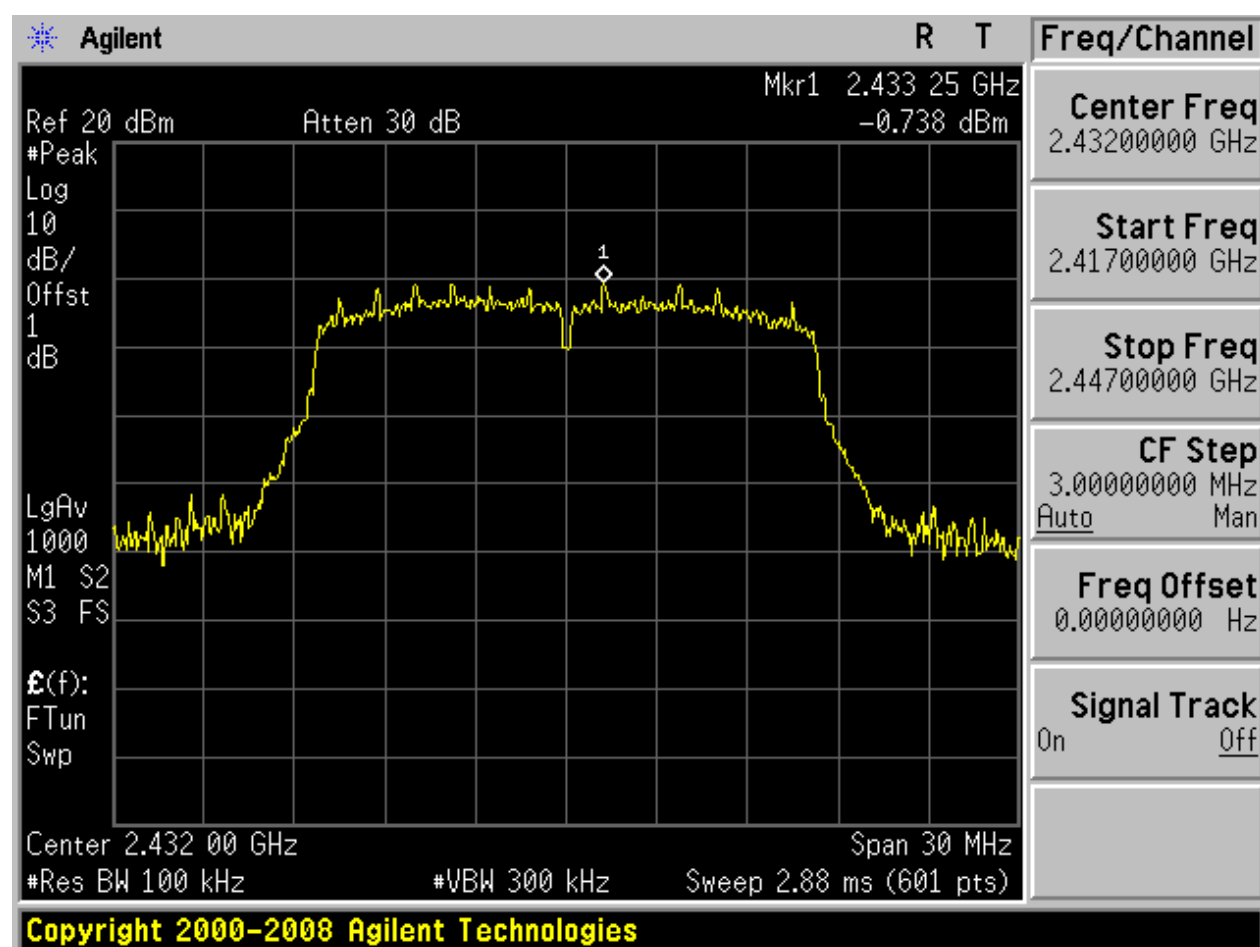






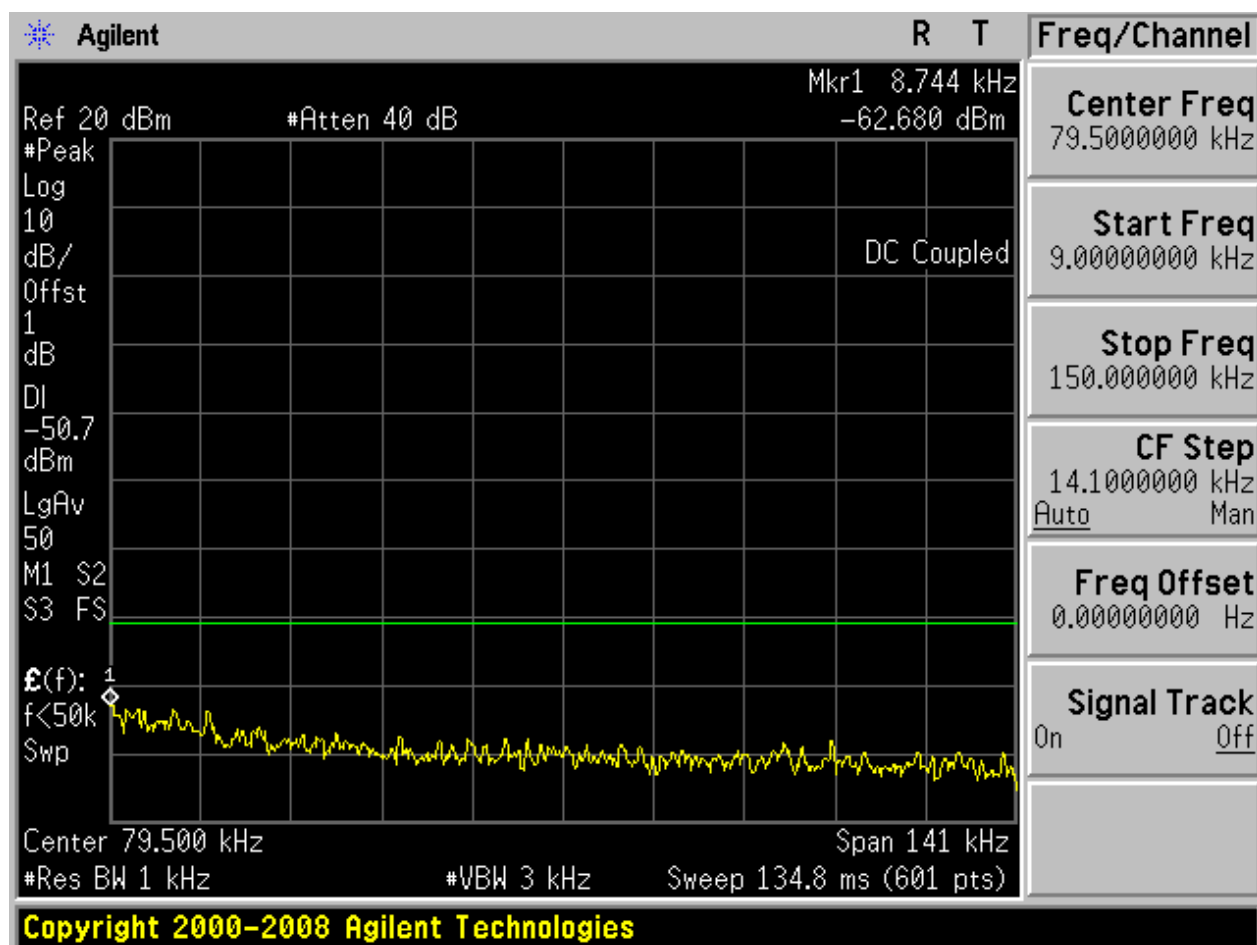
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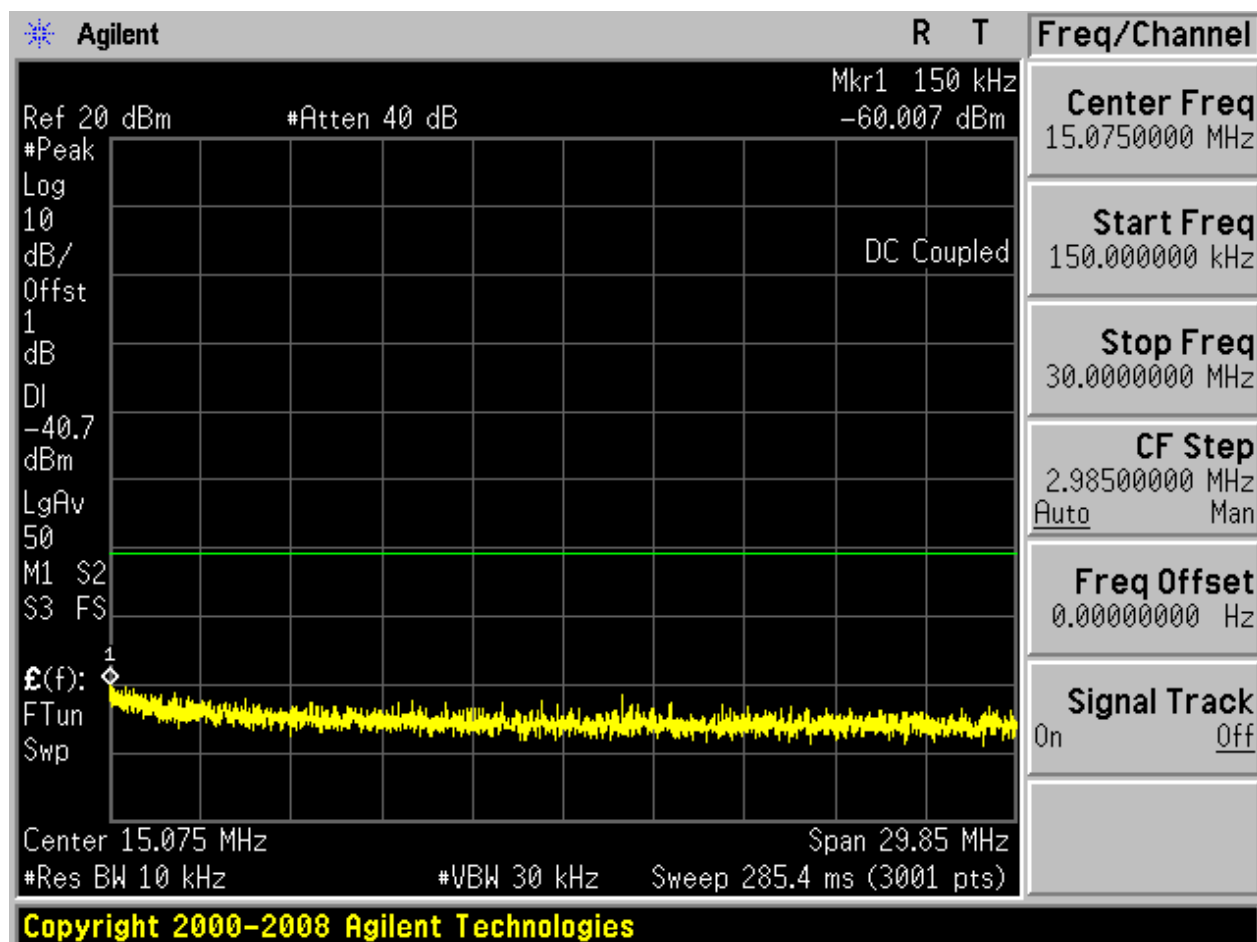
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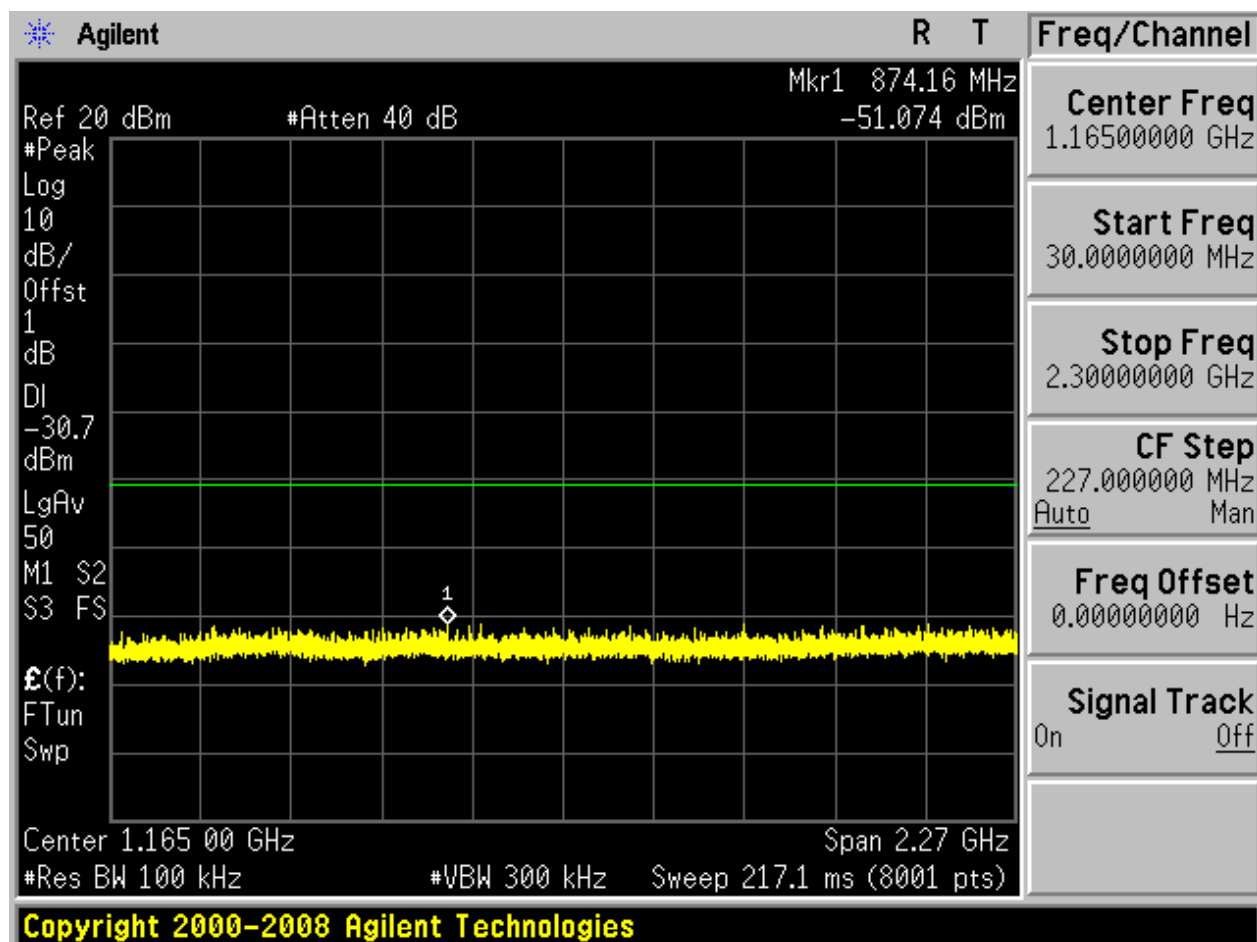


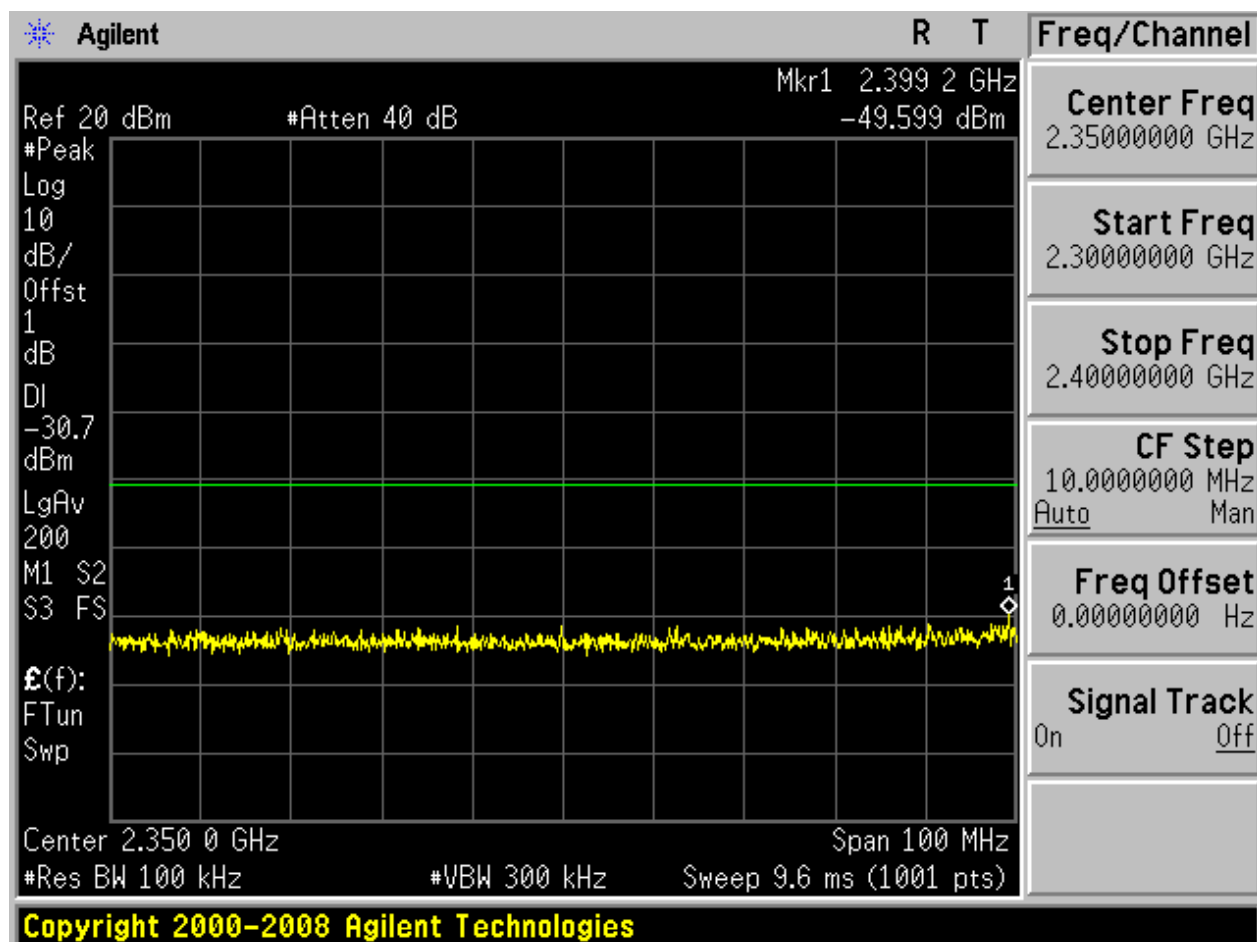


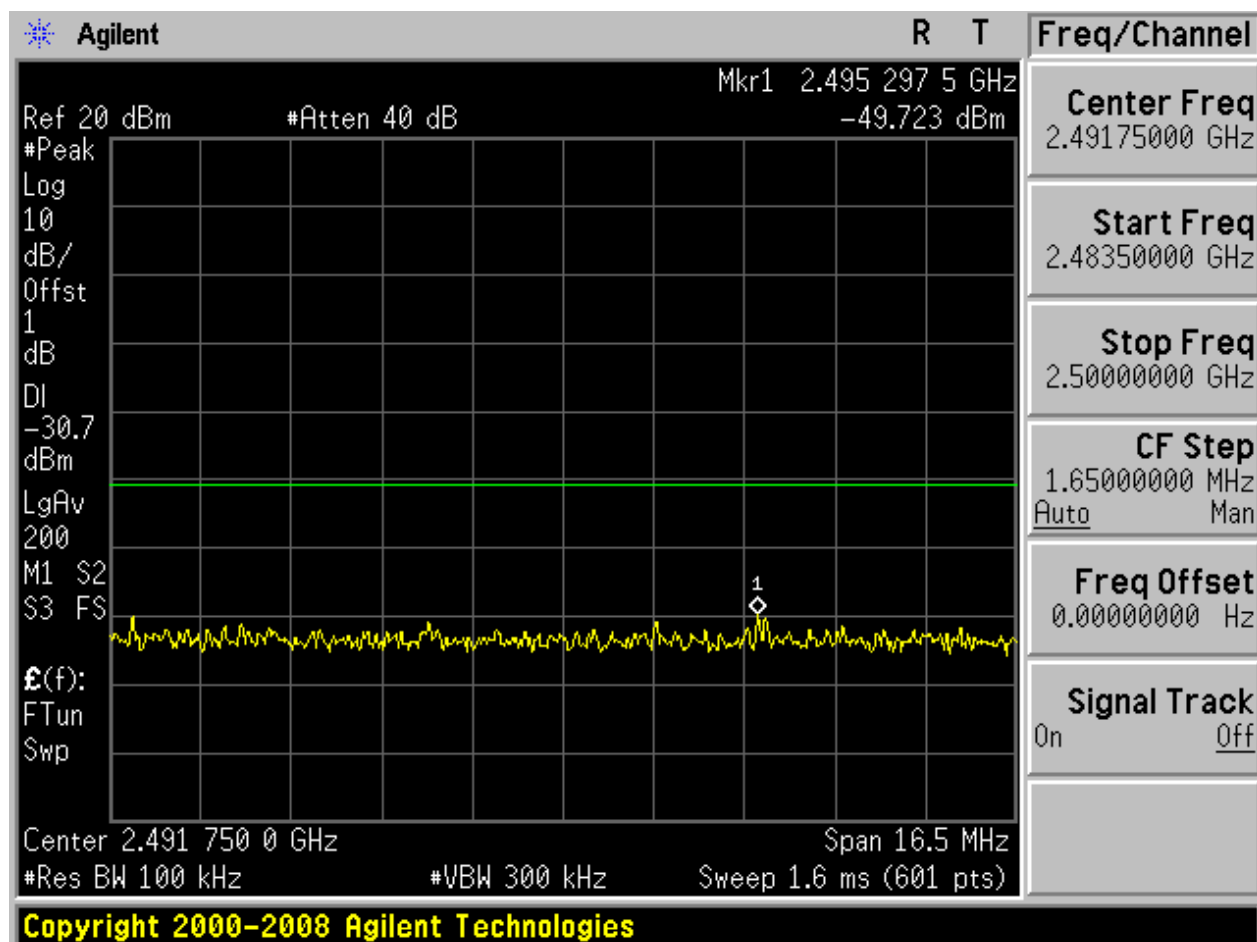
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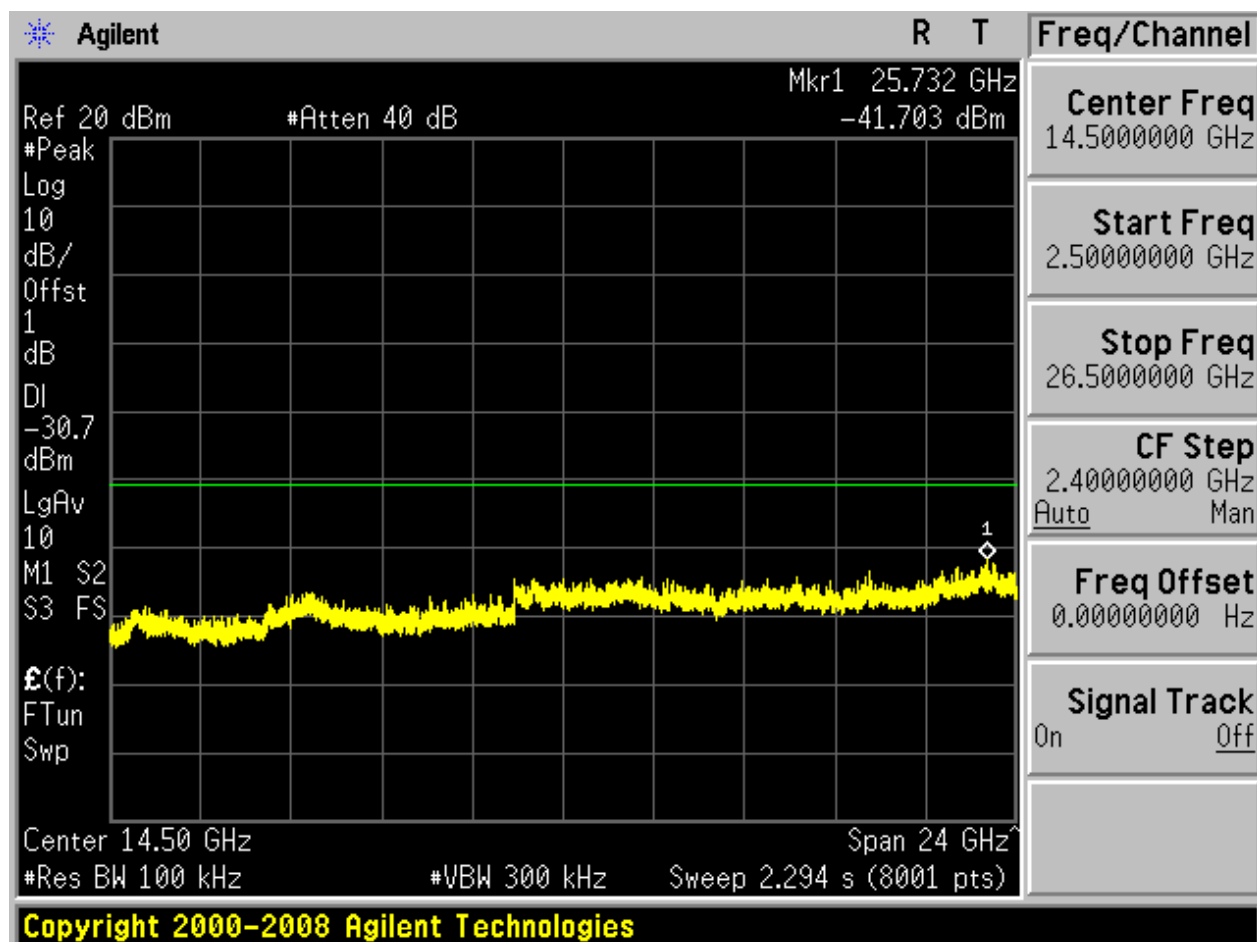






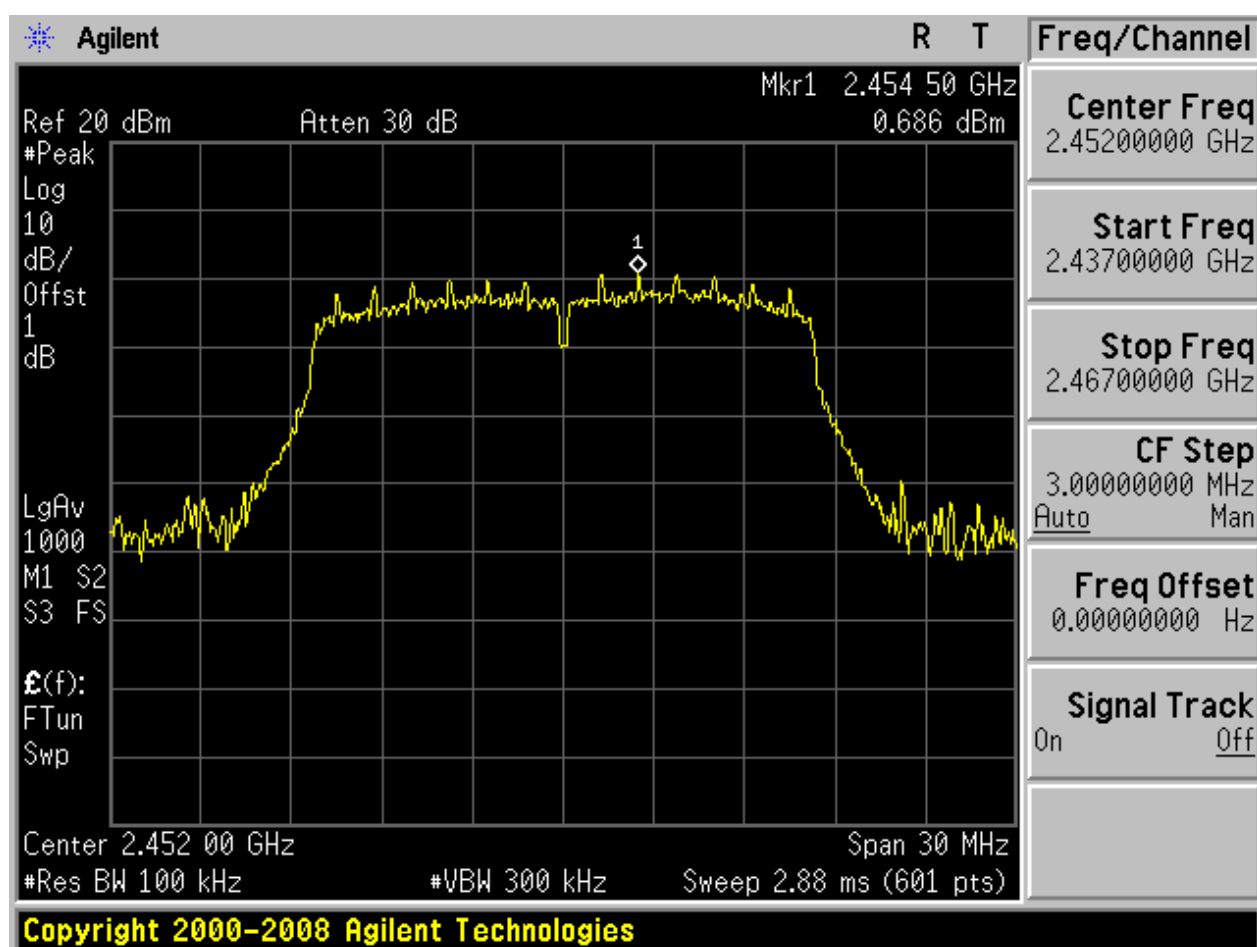






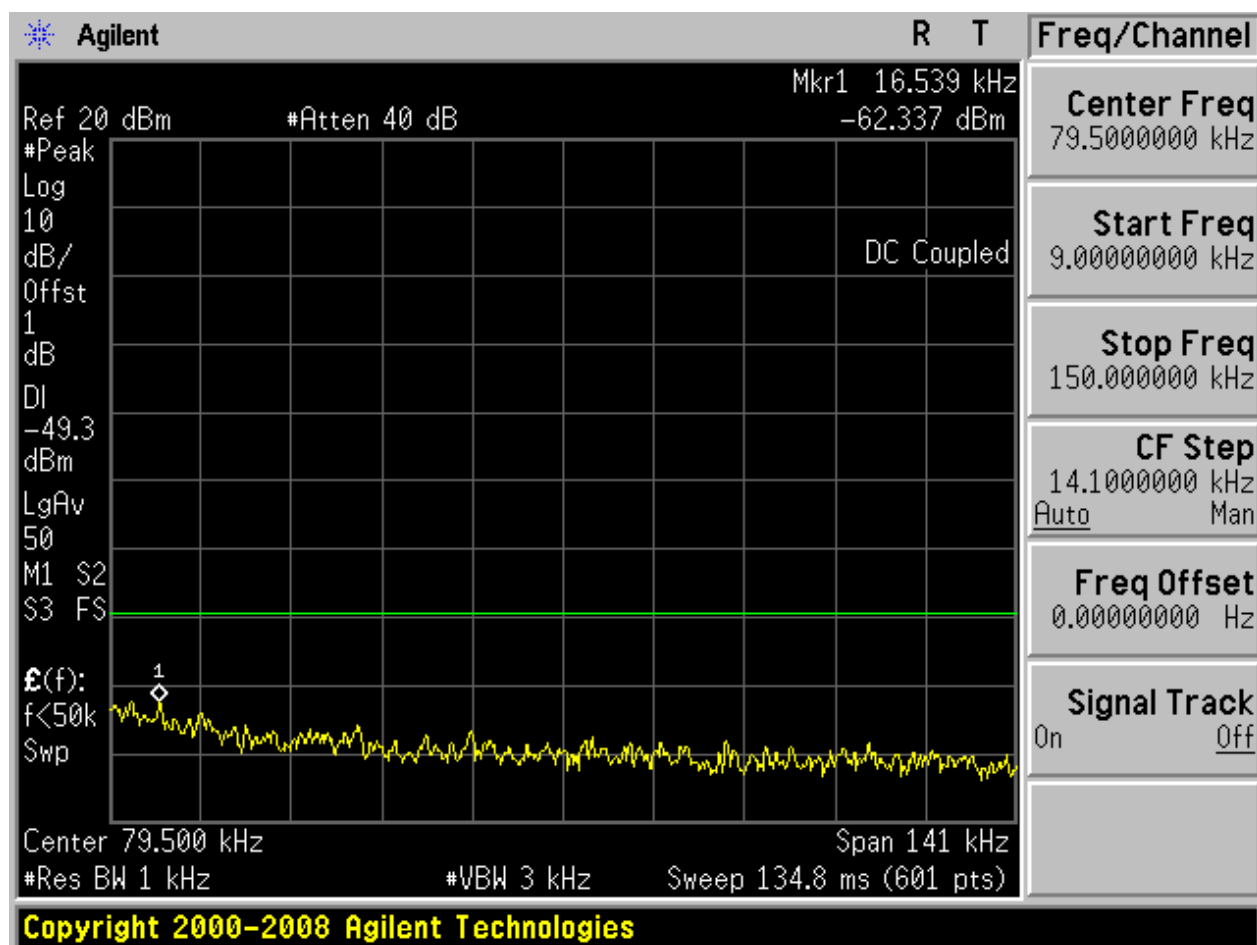
2.11 11G_H@Ant 1

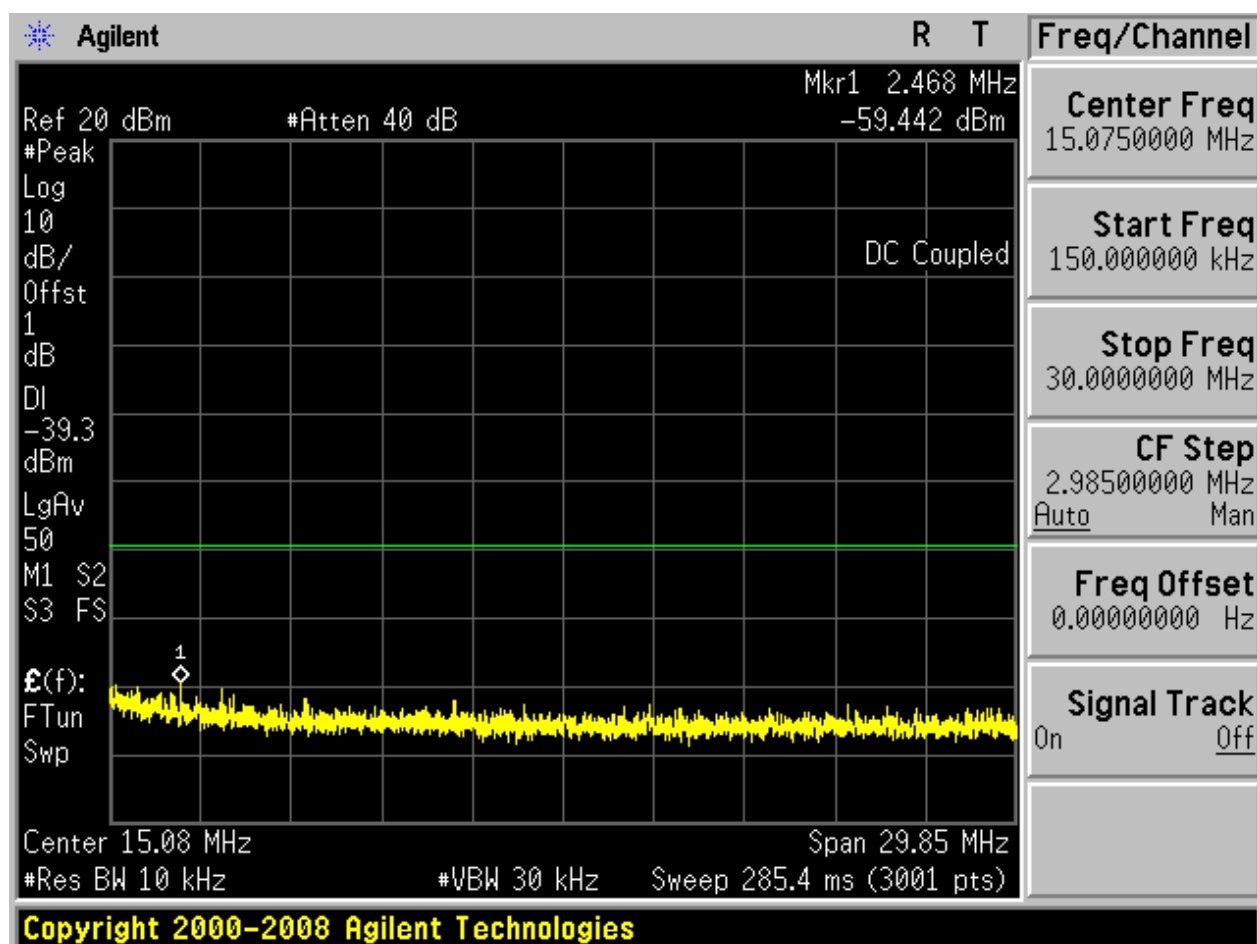
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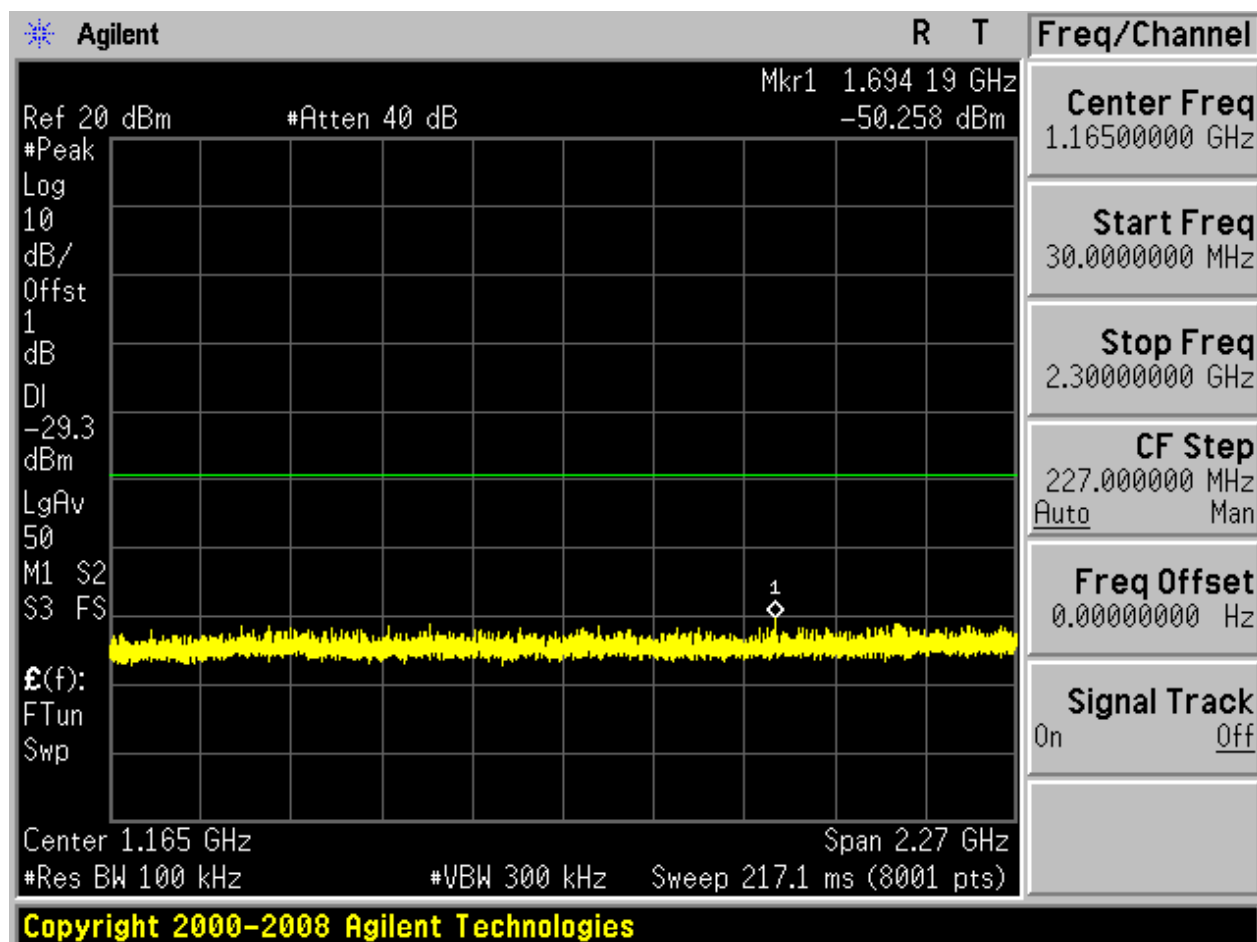


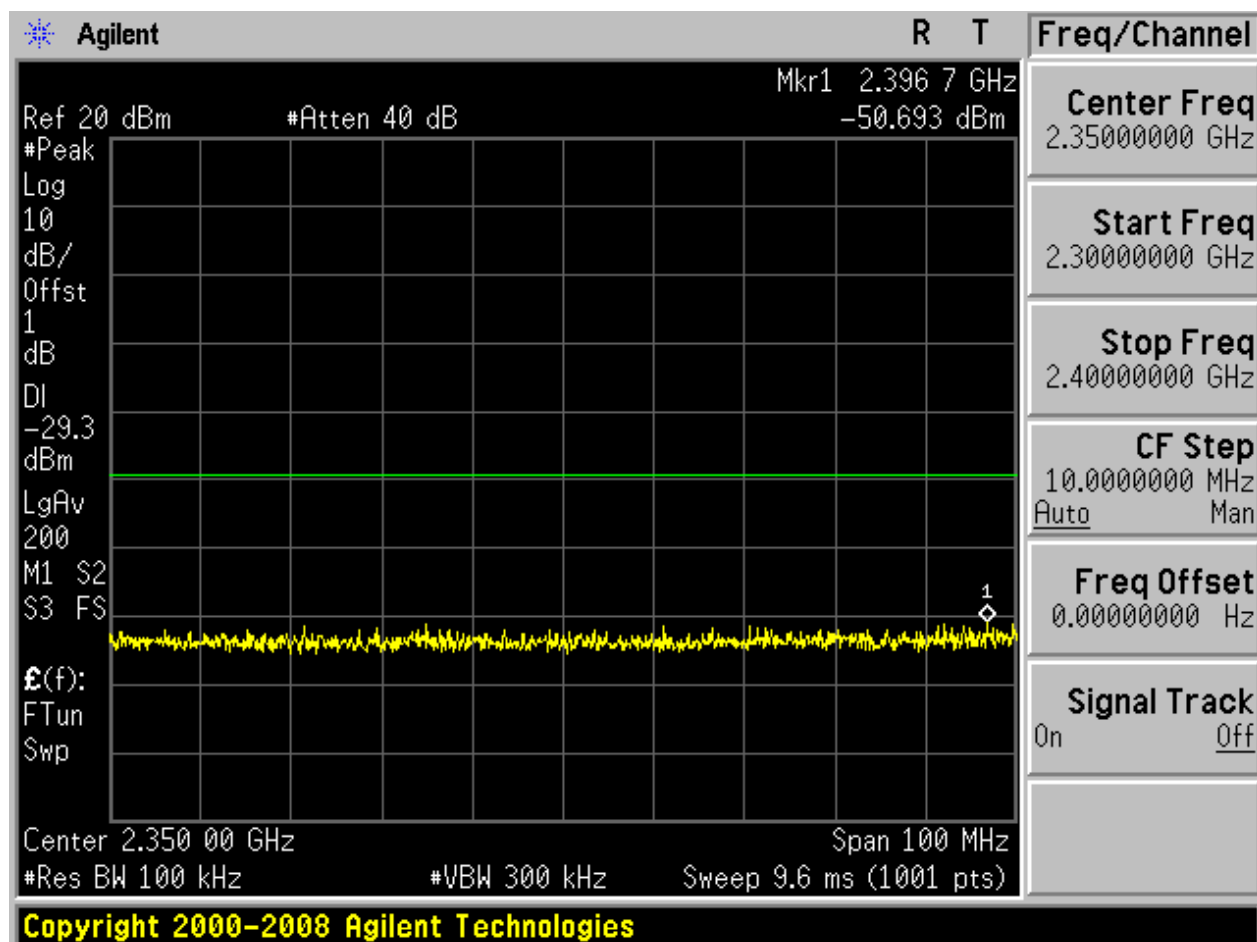


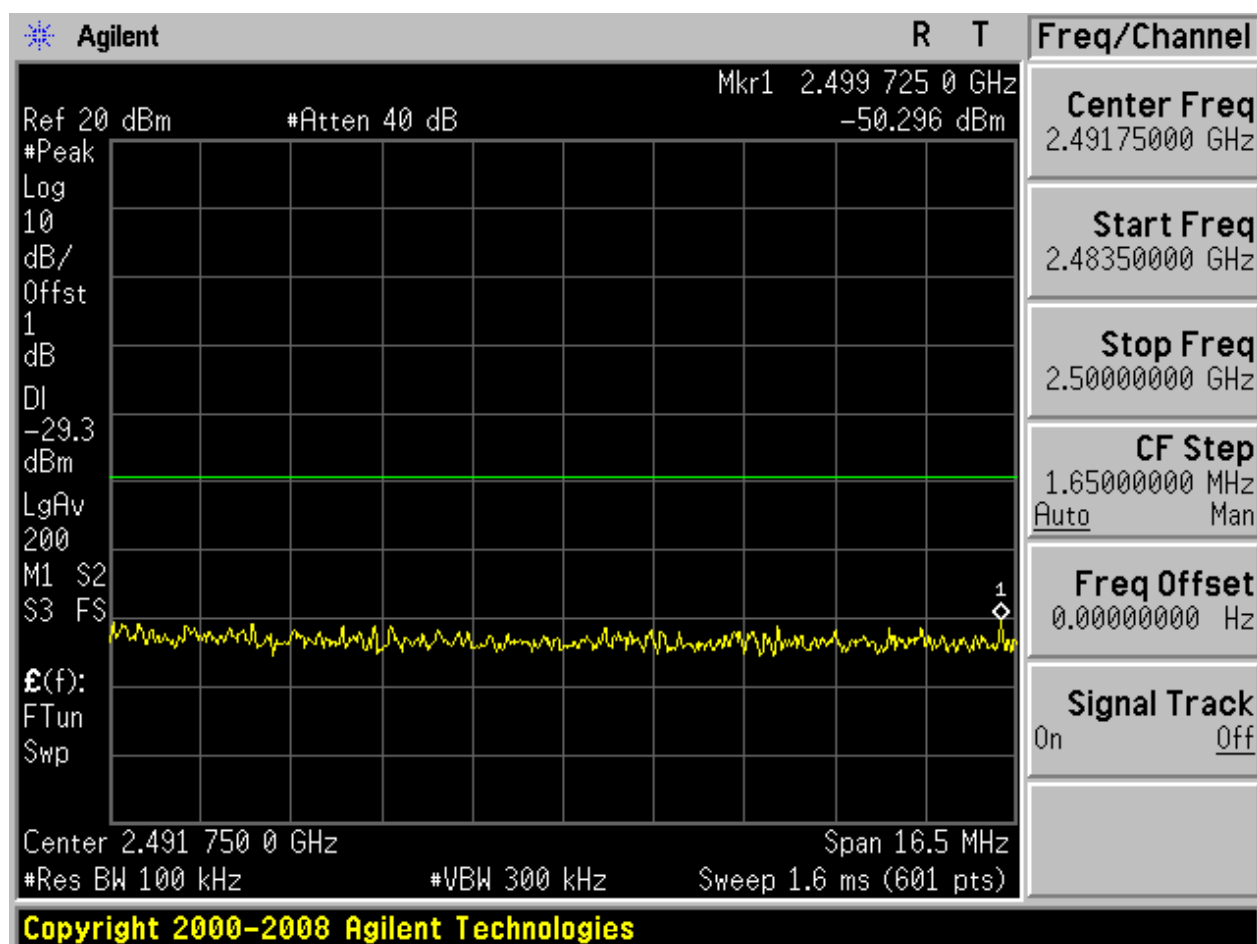
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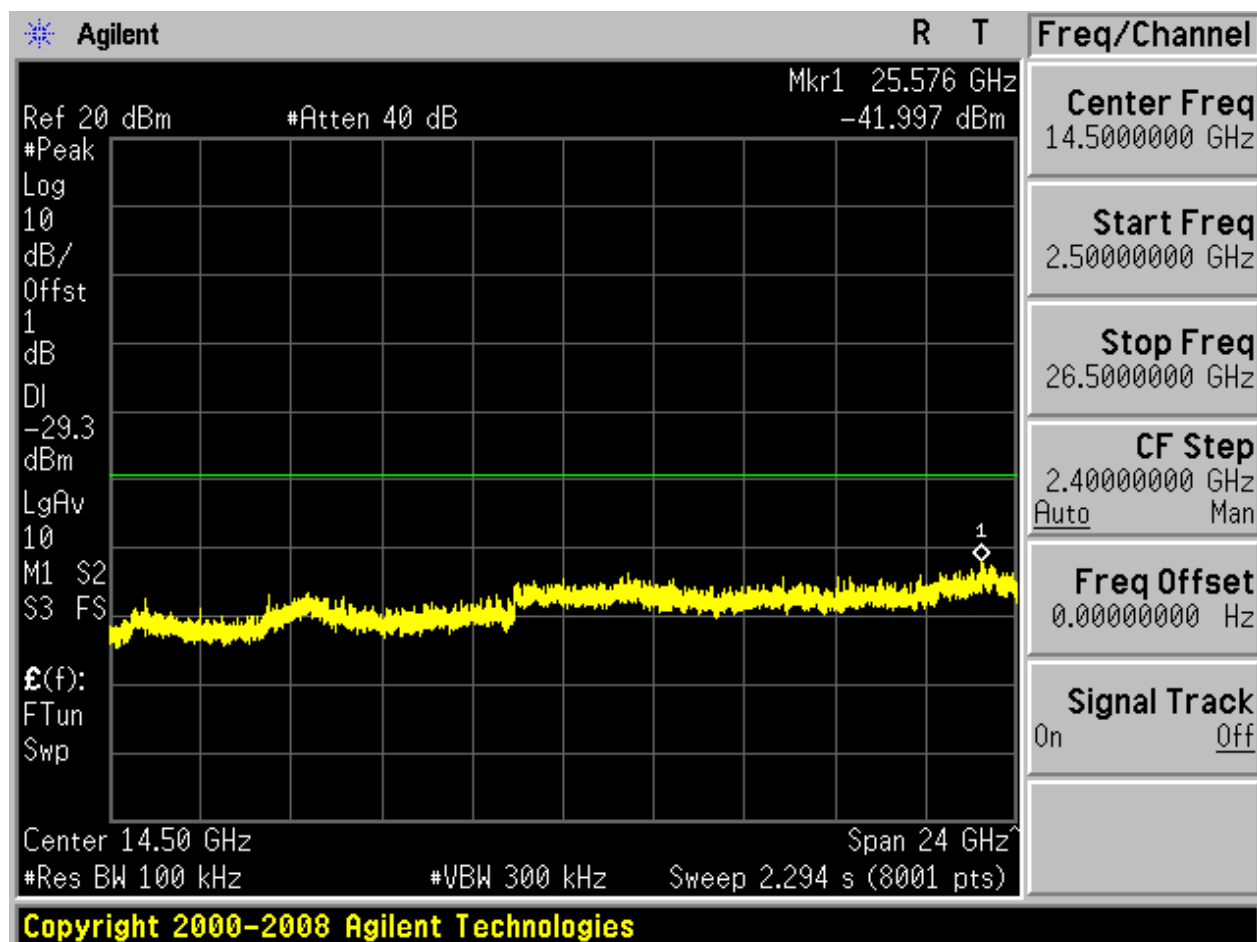






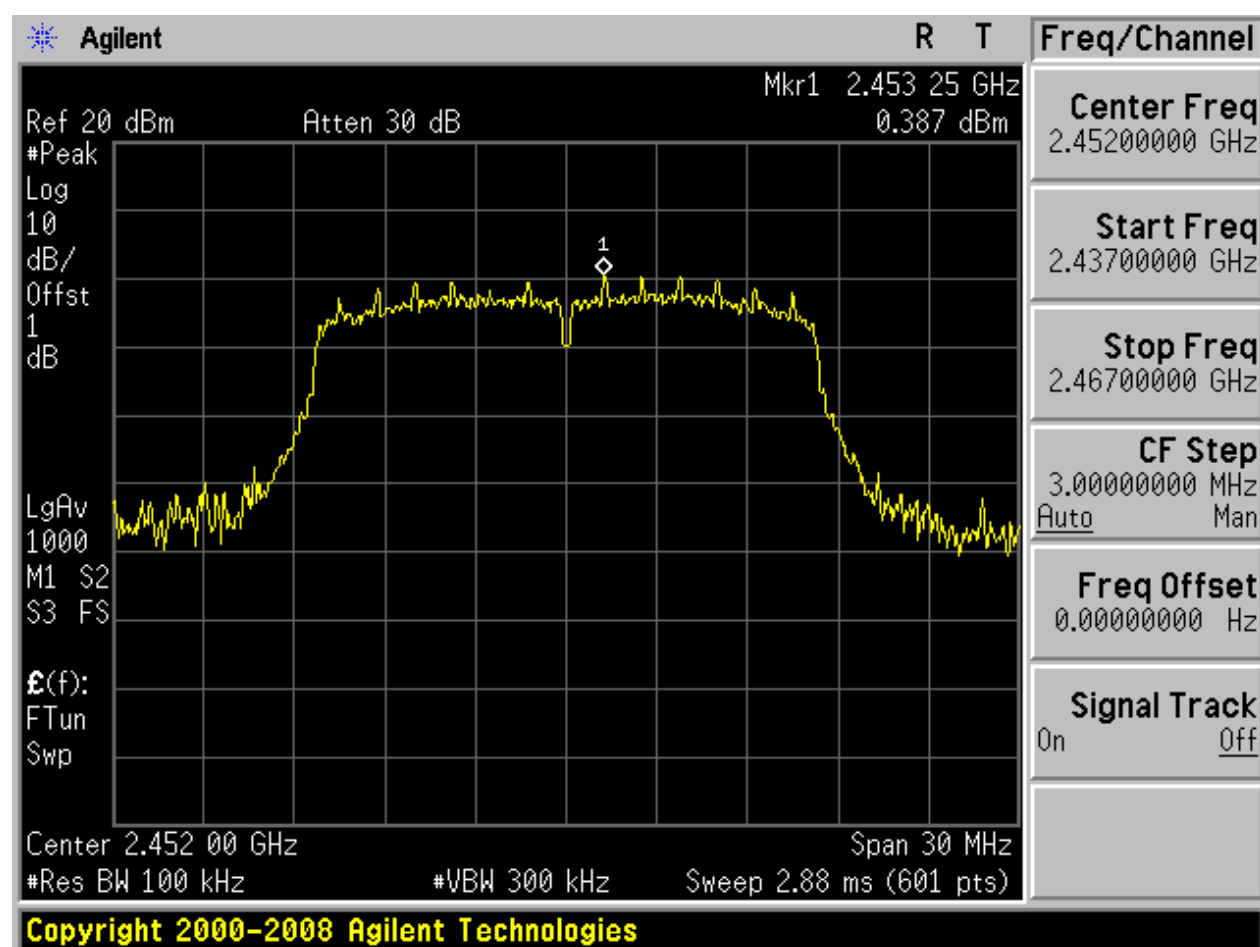






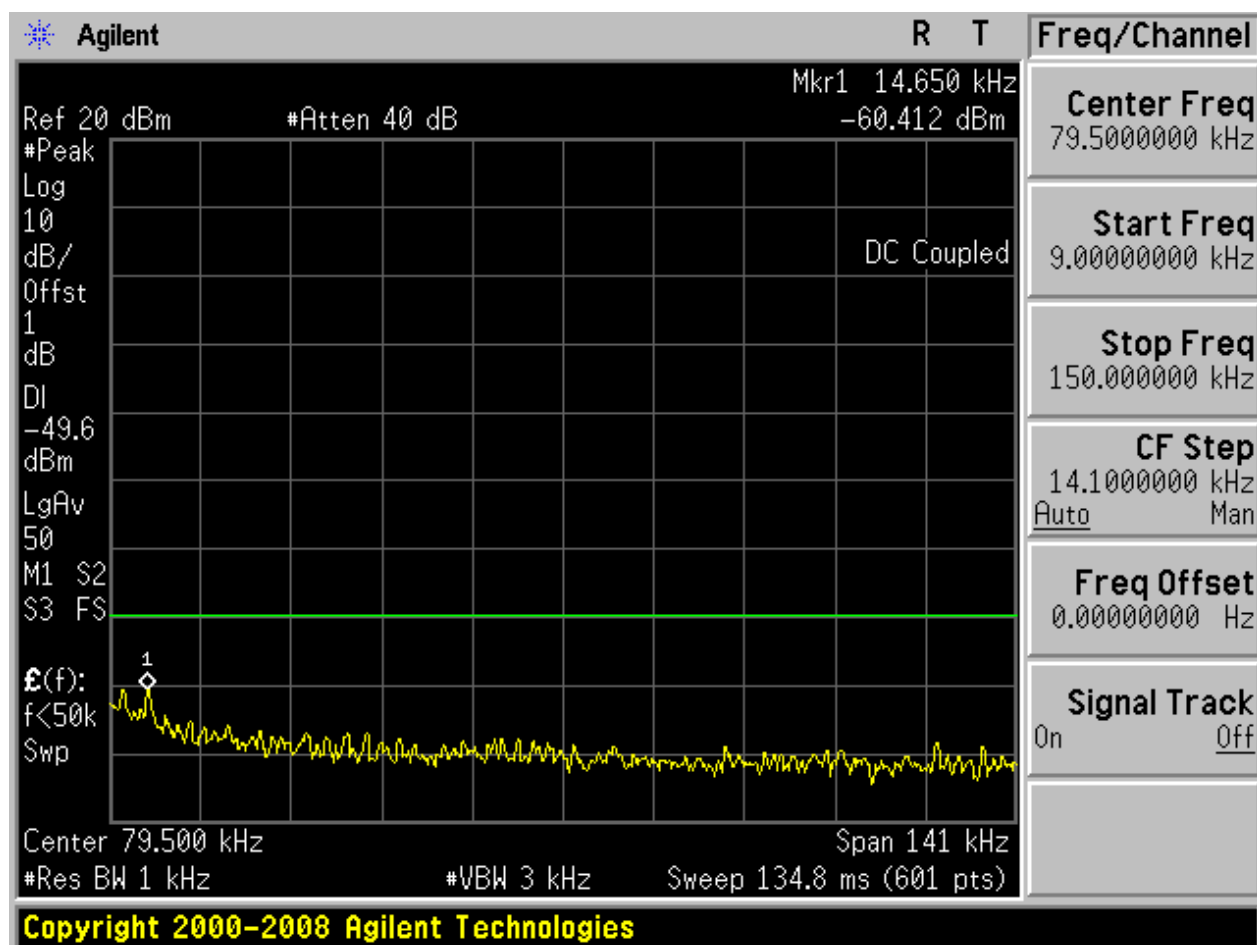
2.12 11G_H@Ant 2

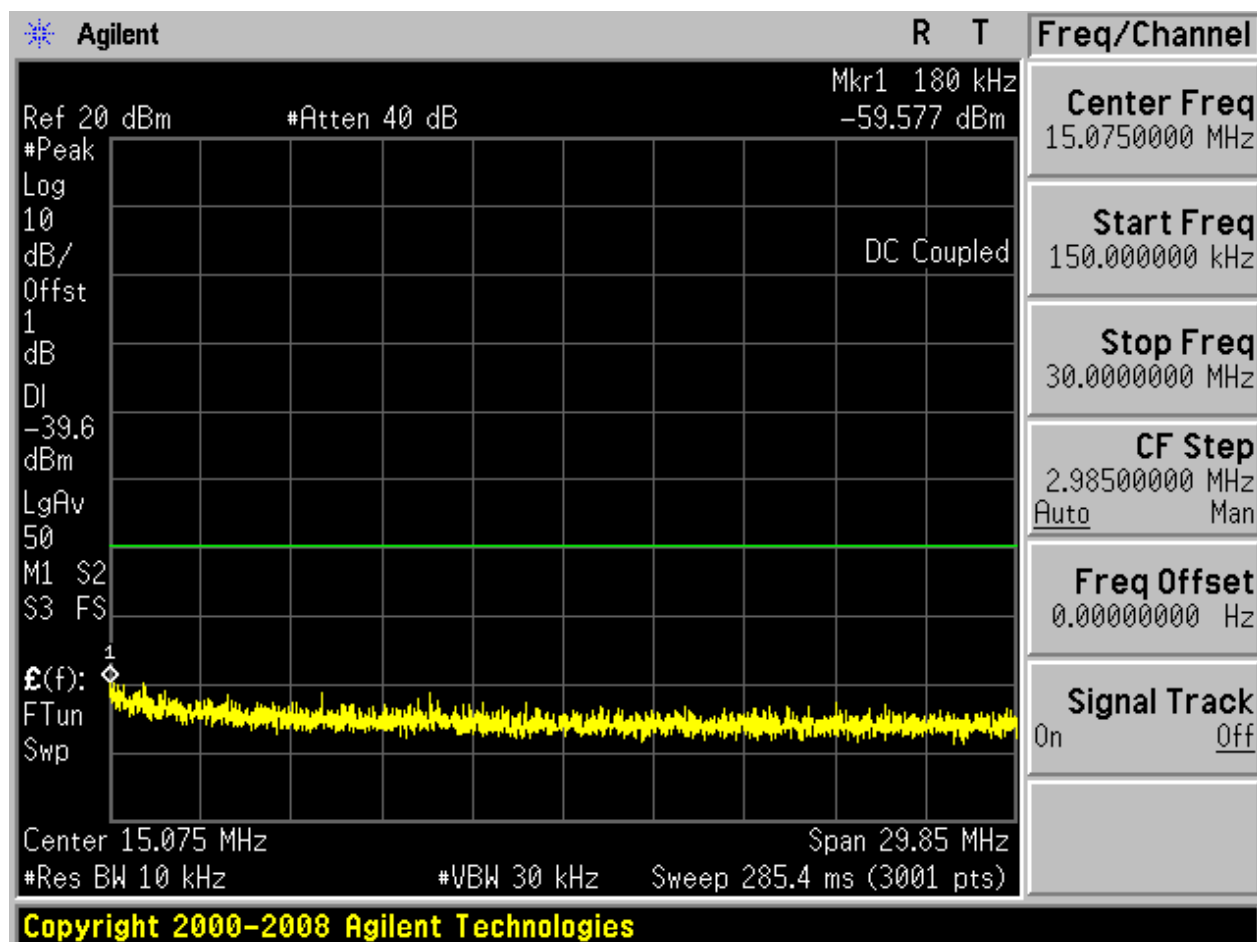
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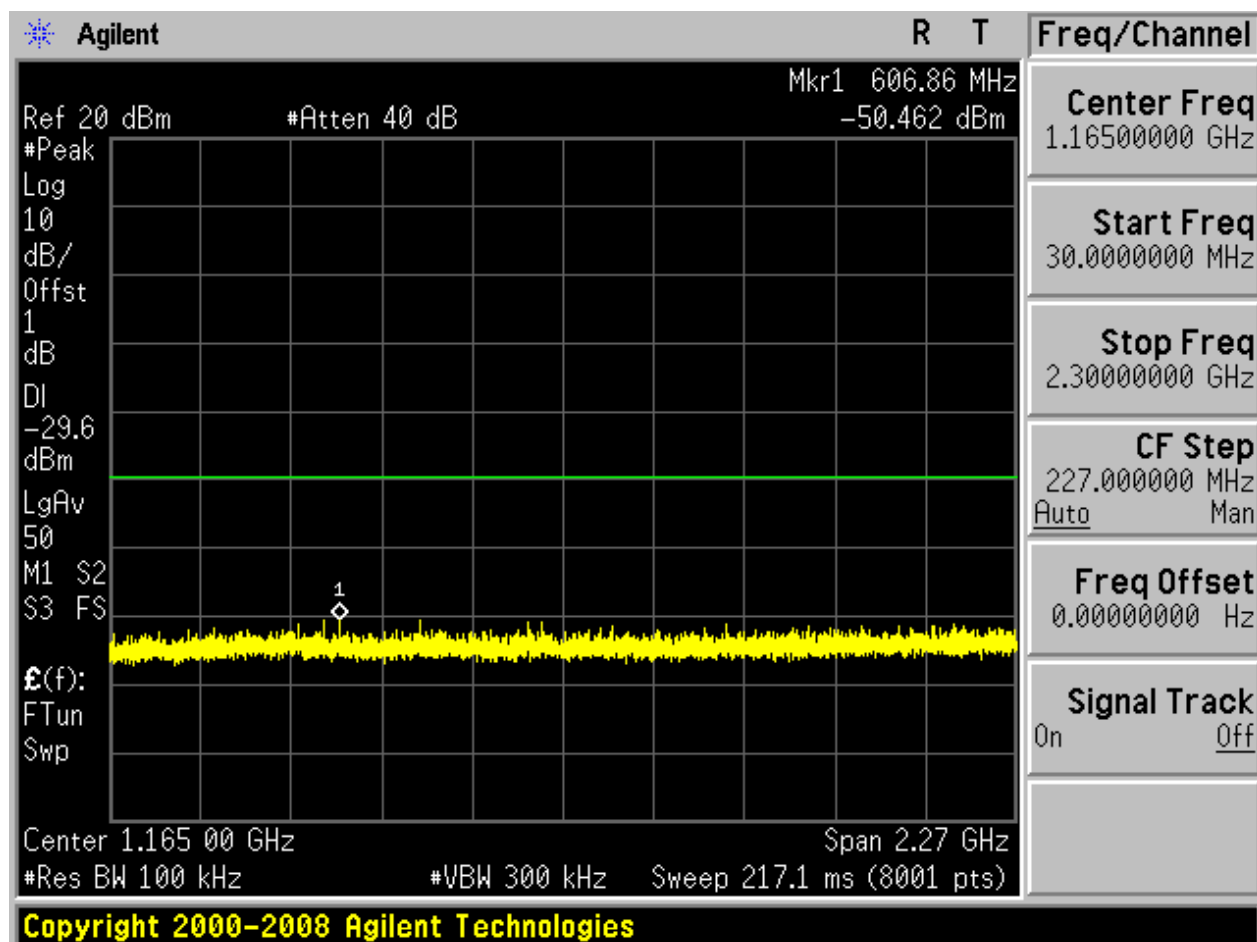


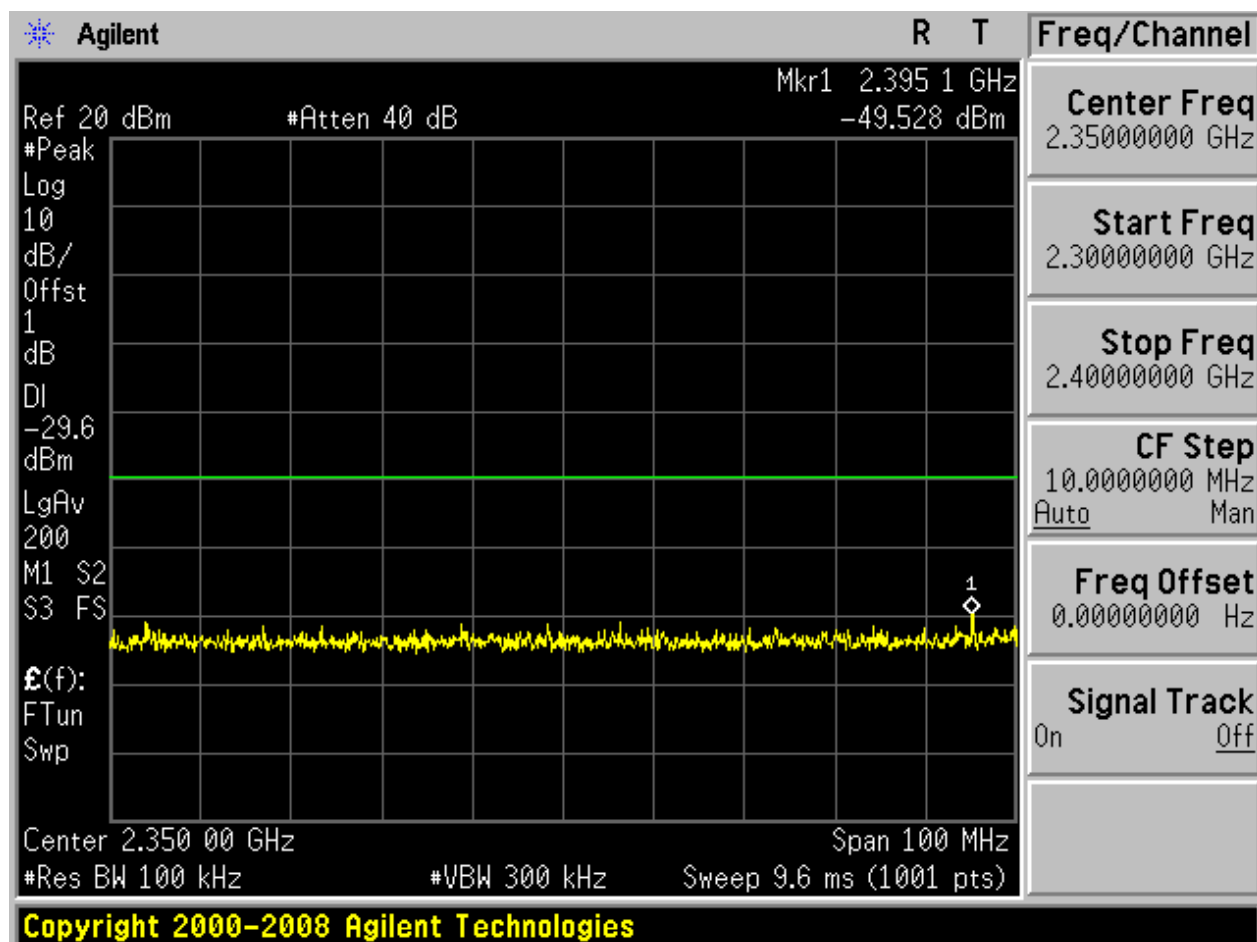


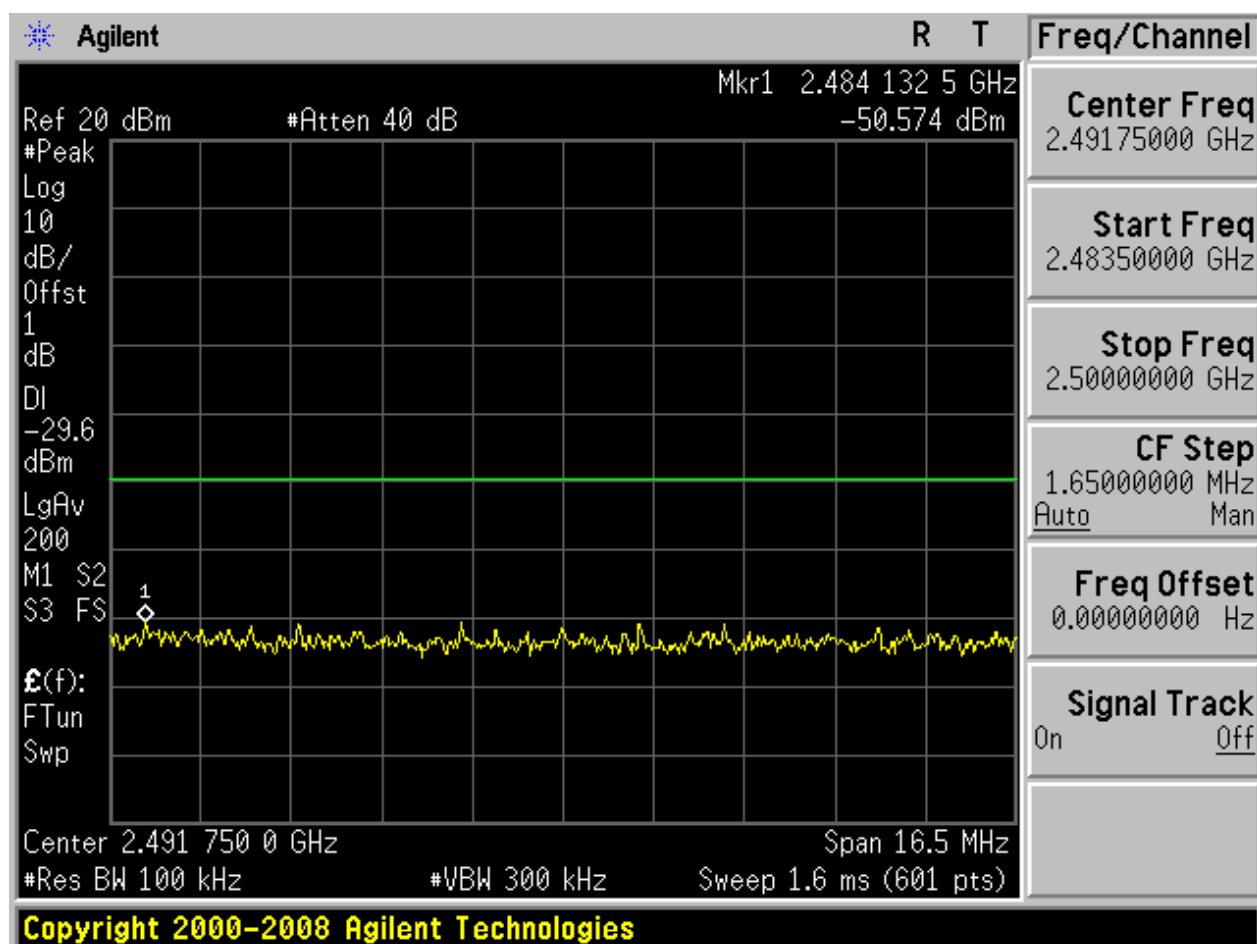
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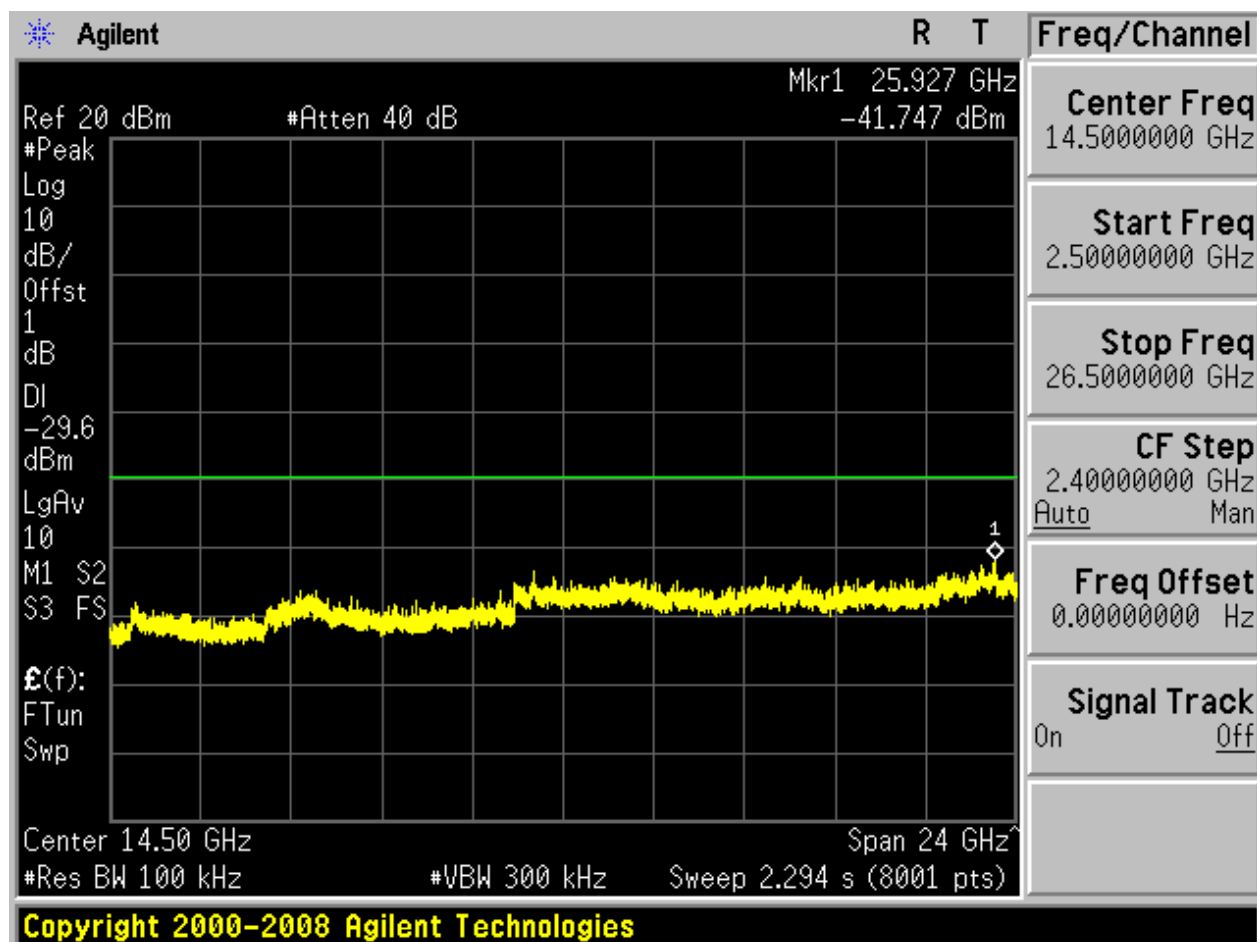






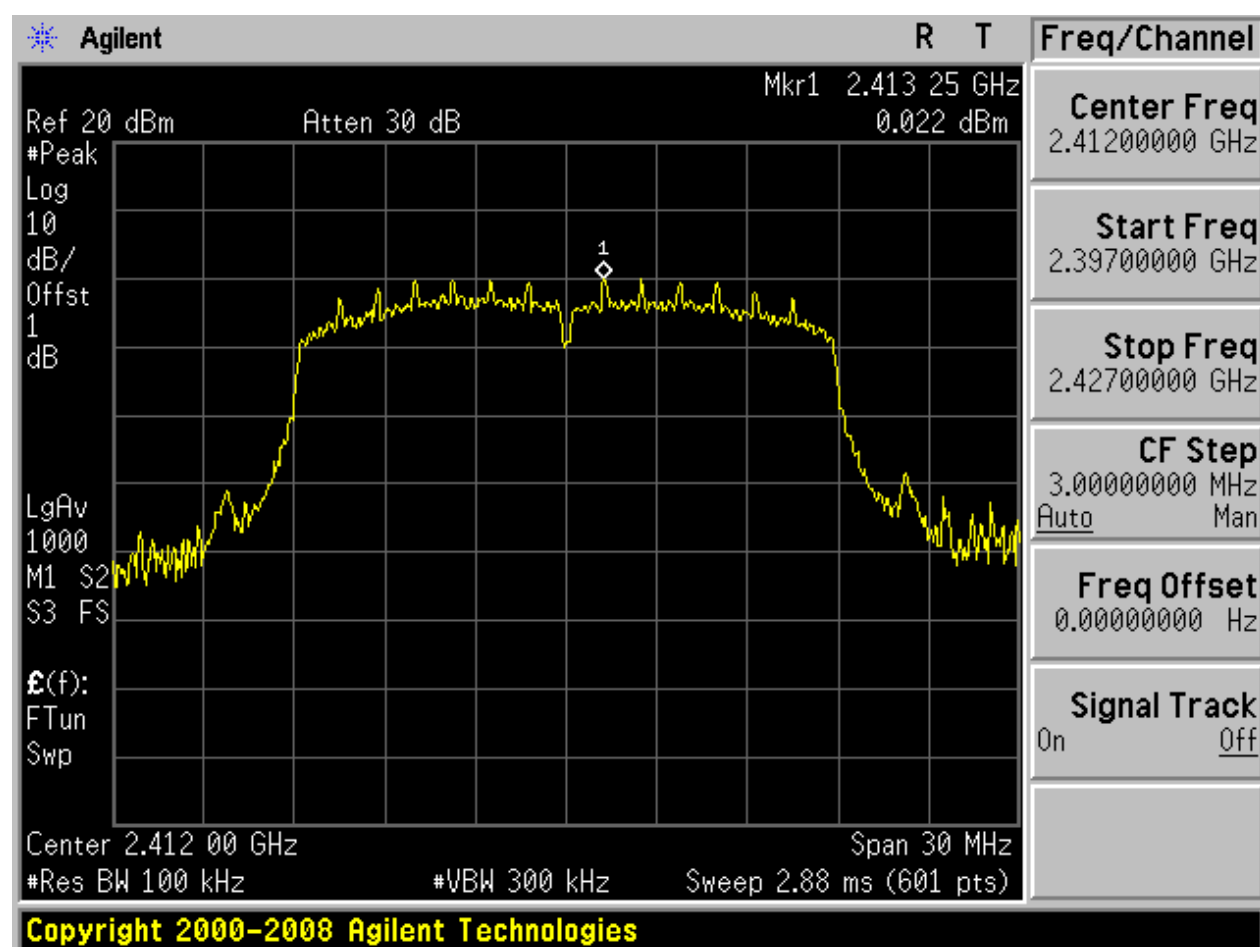






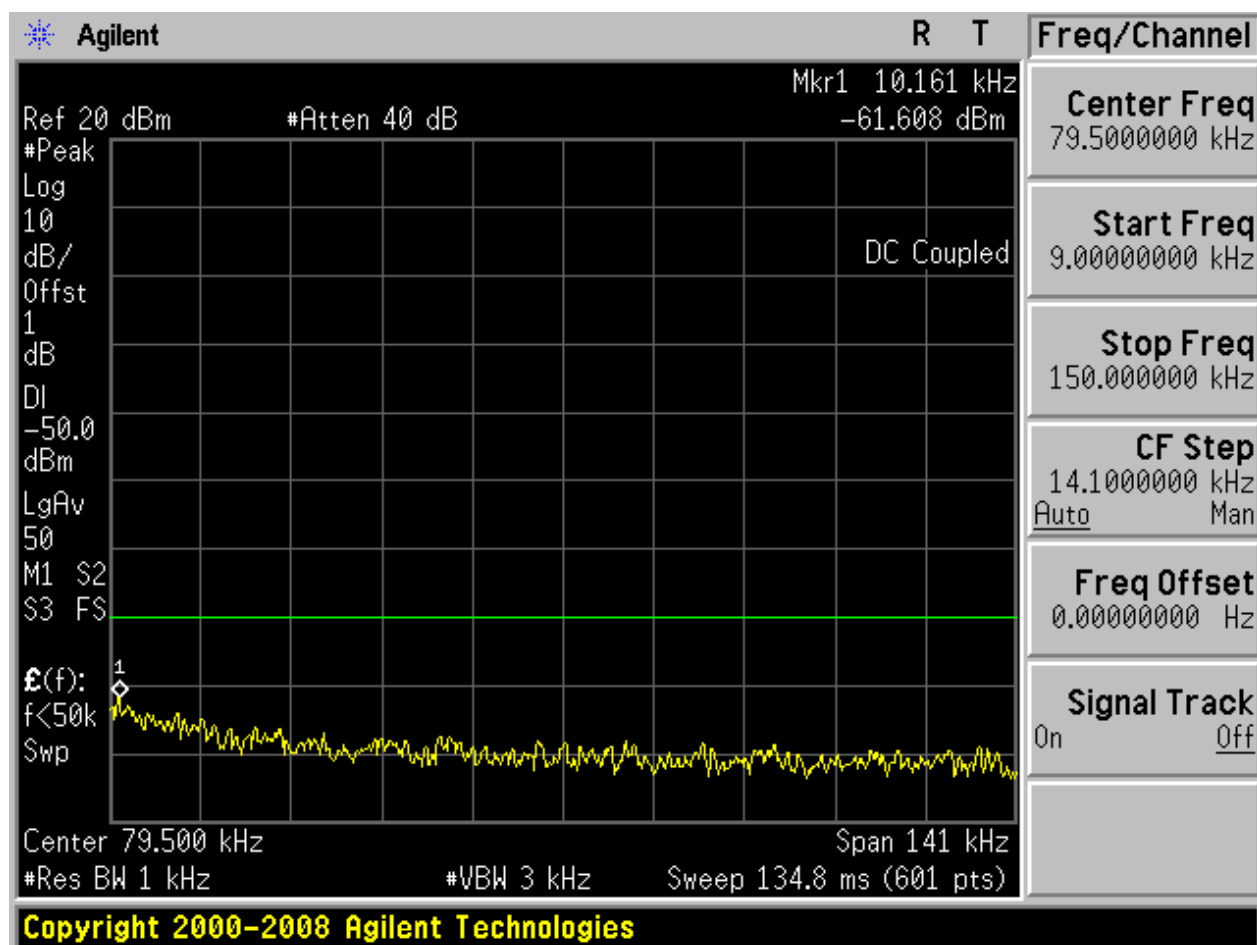
2.13 11N20_L@Ant 1

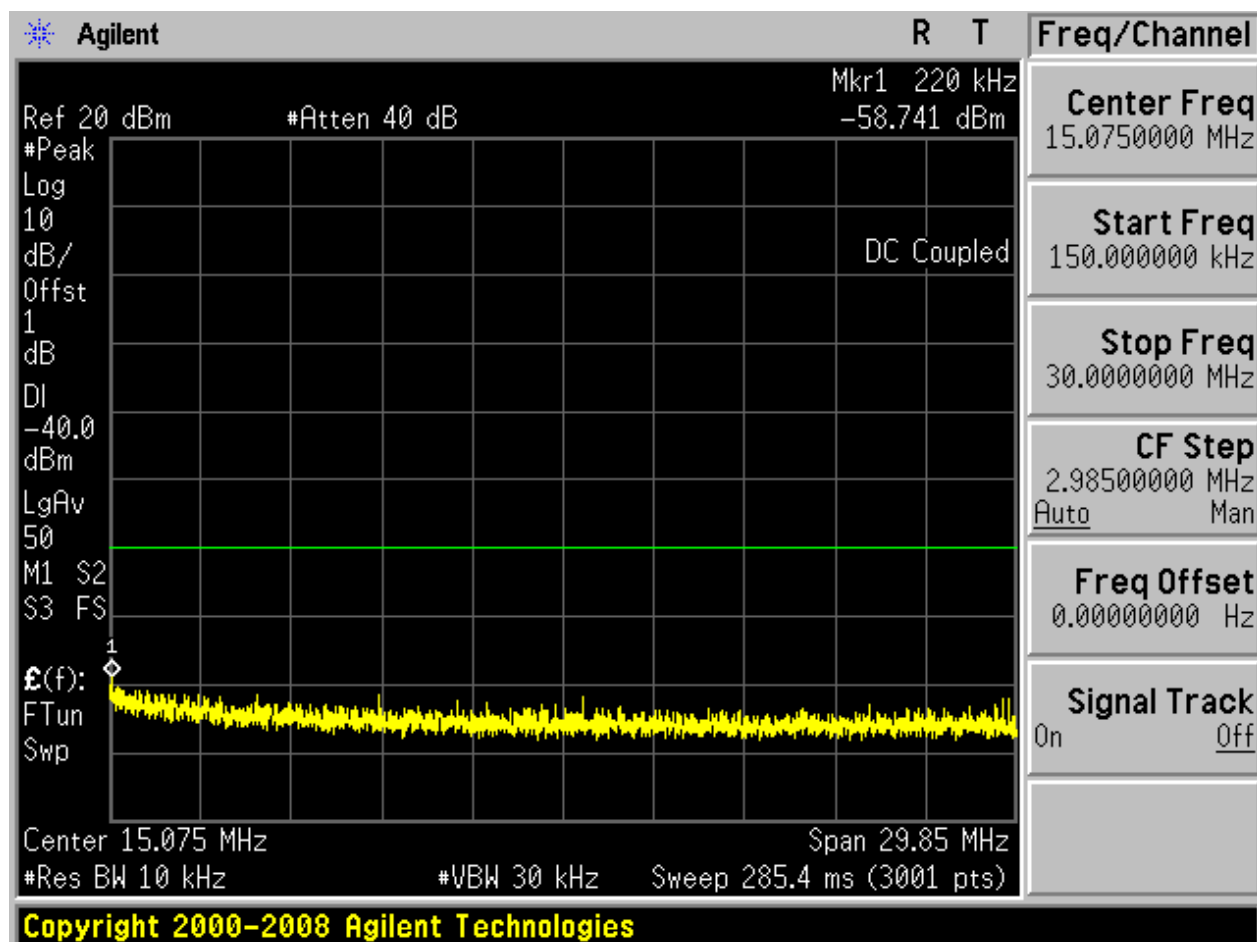
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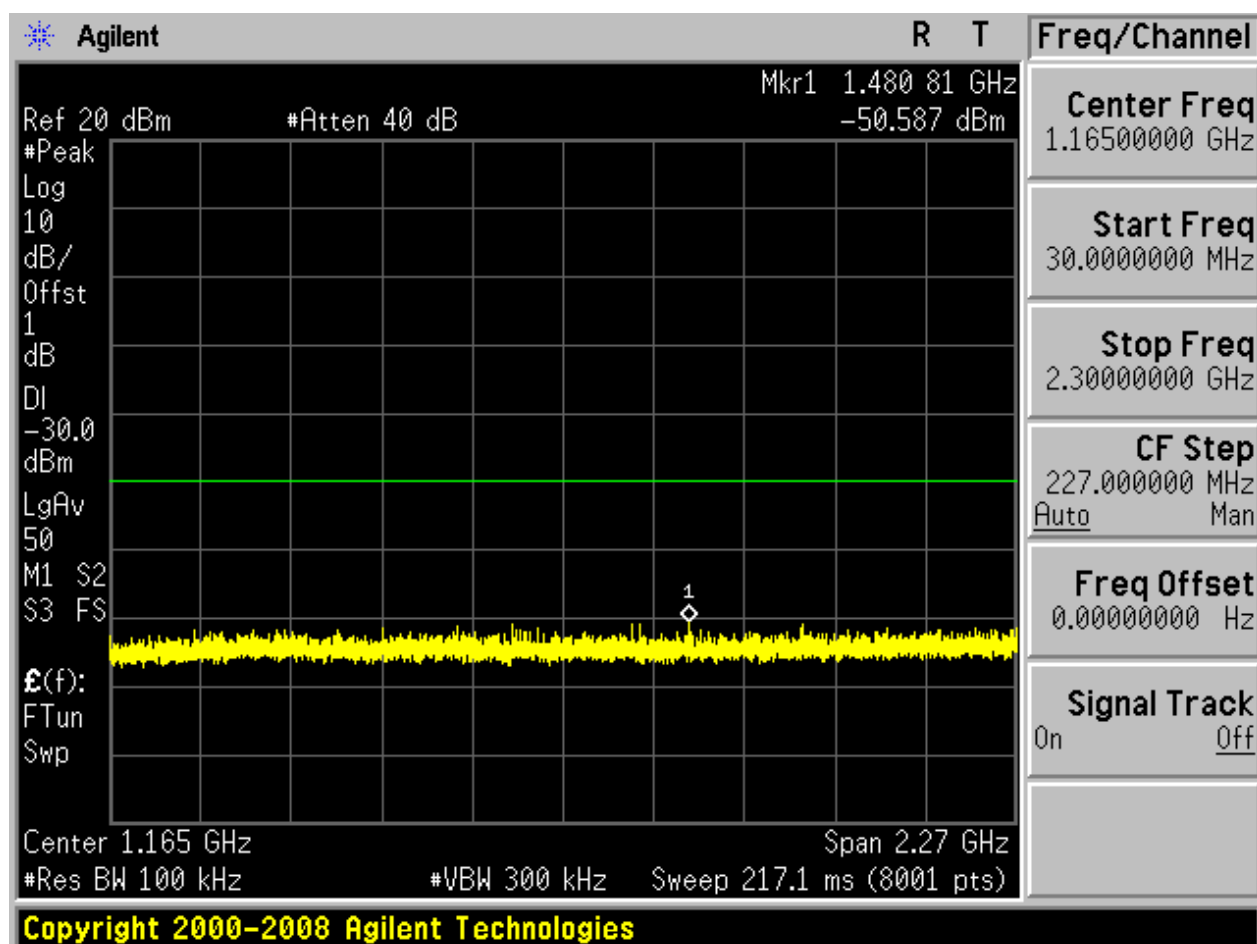


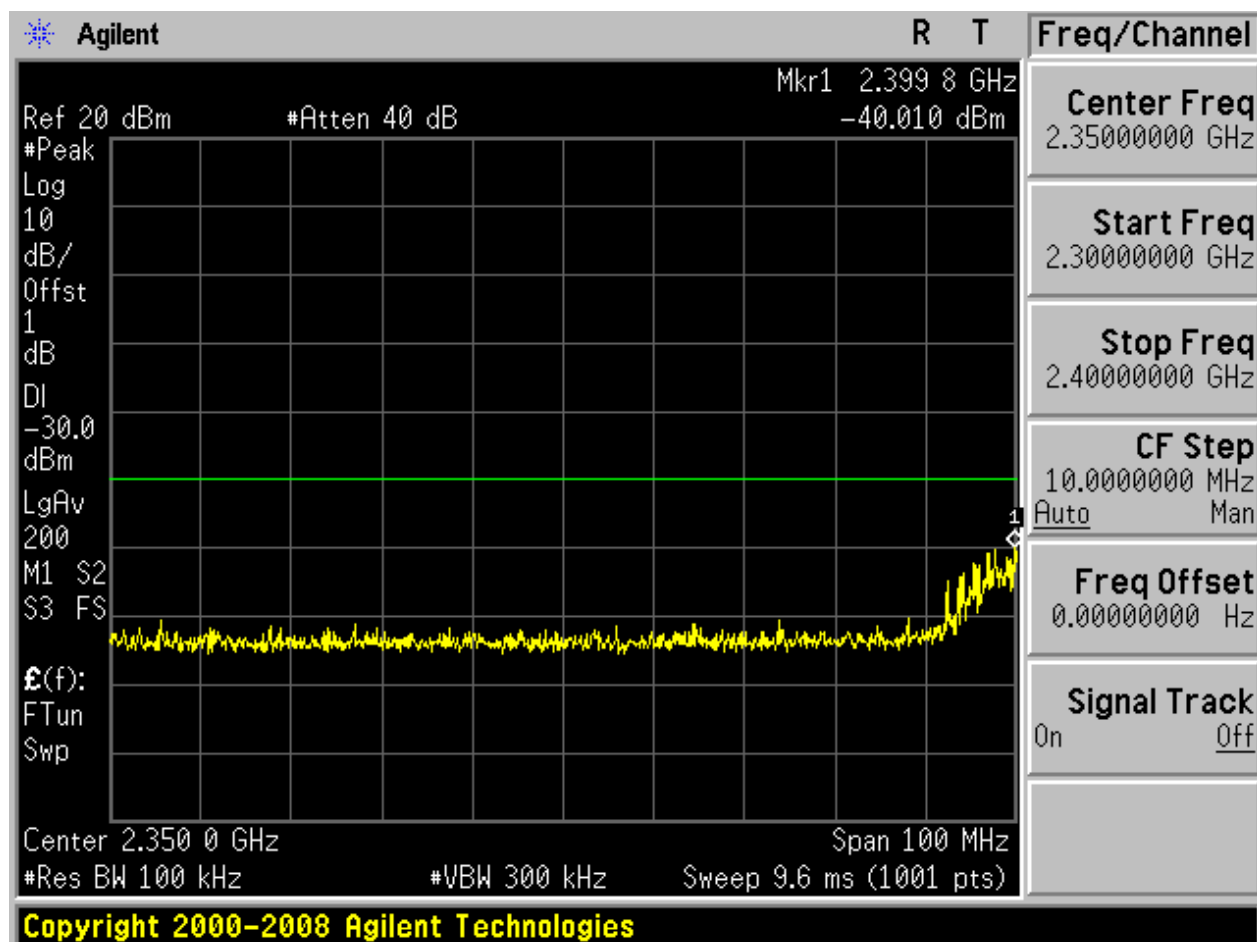


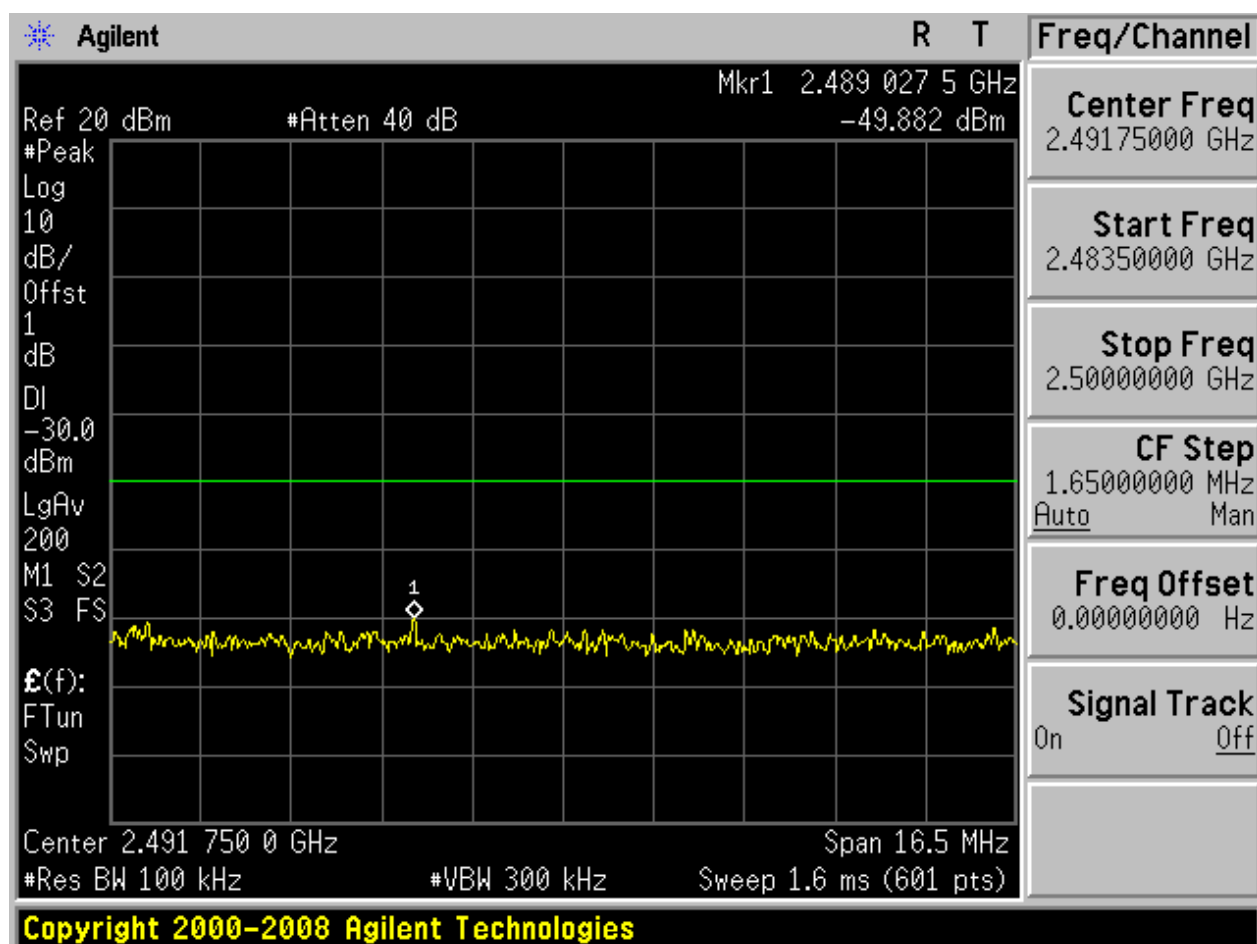
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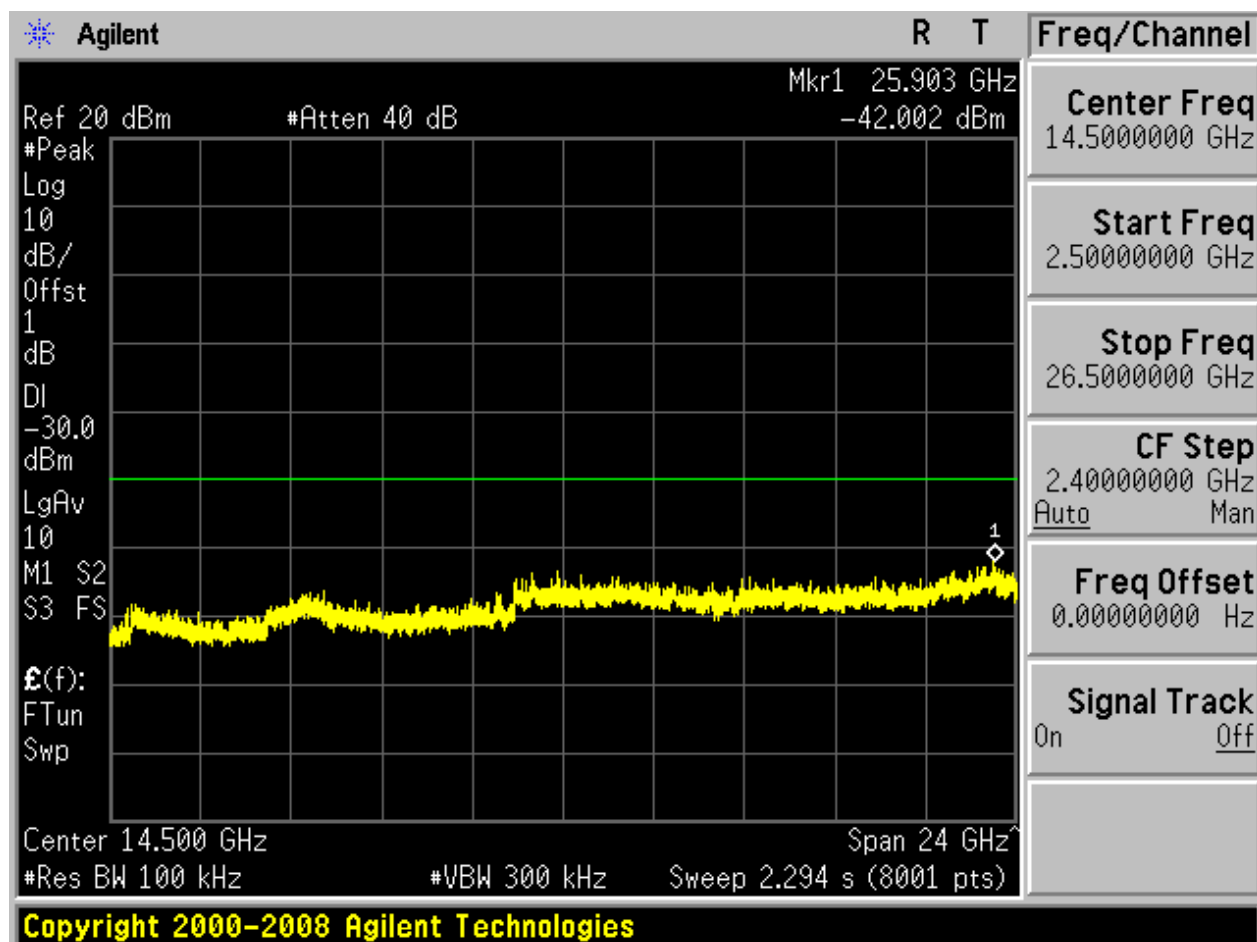






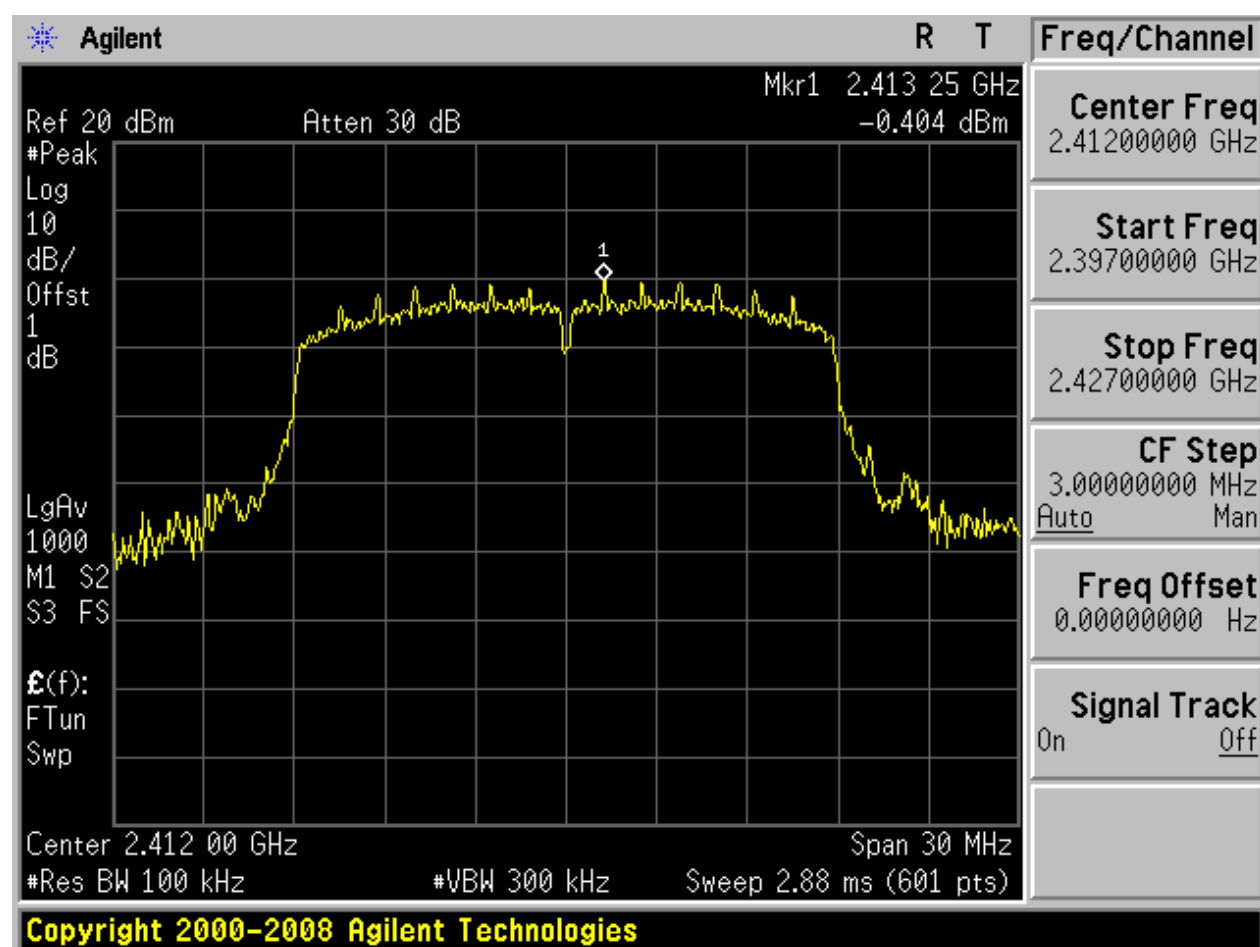






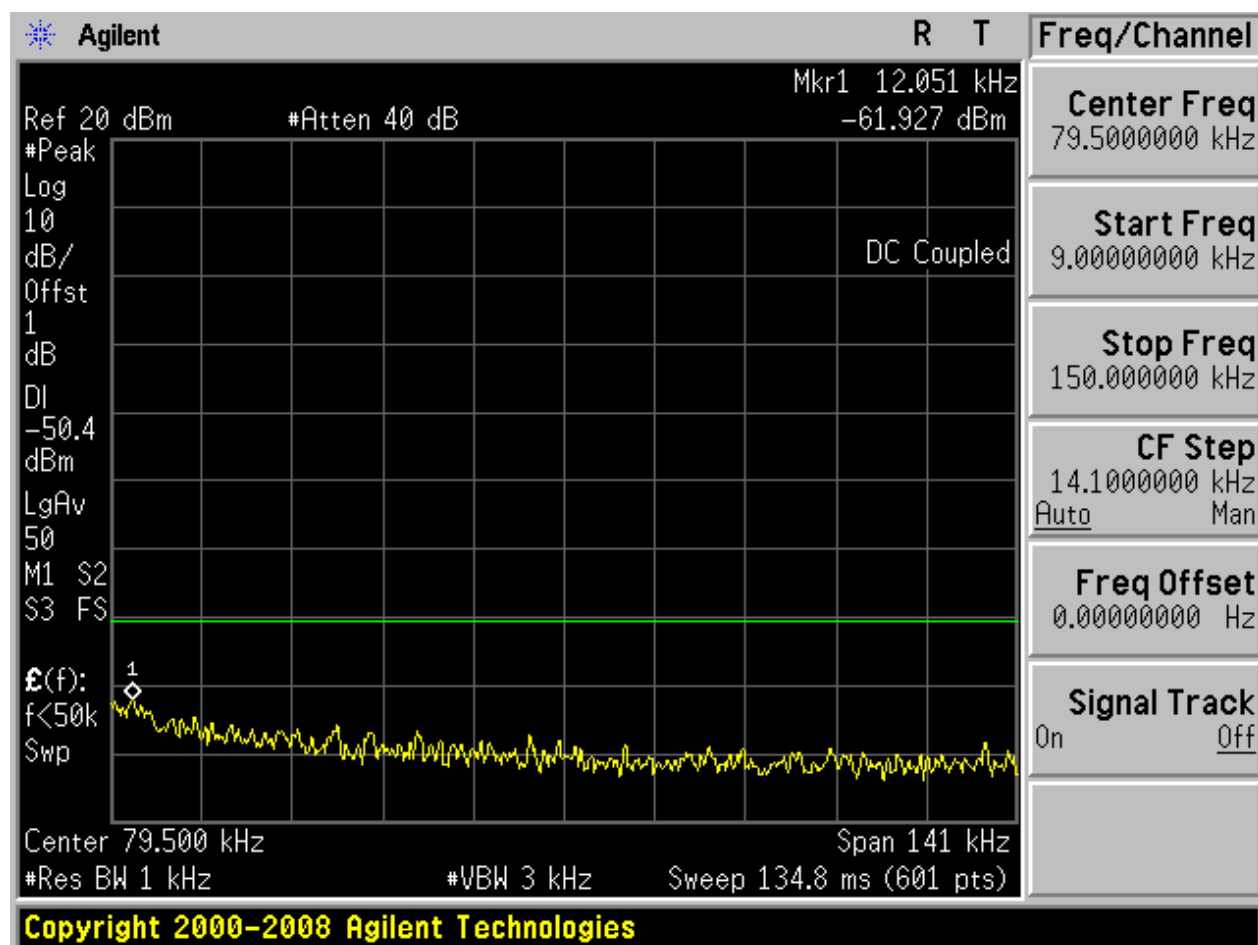
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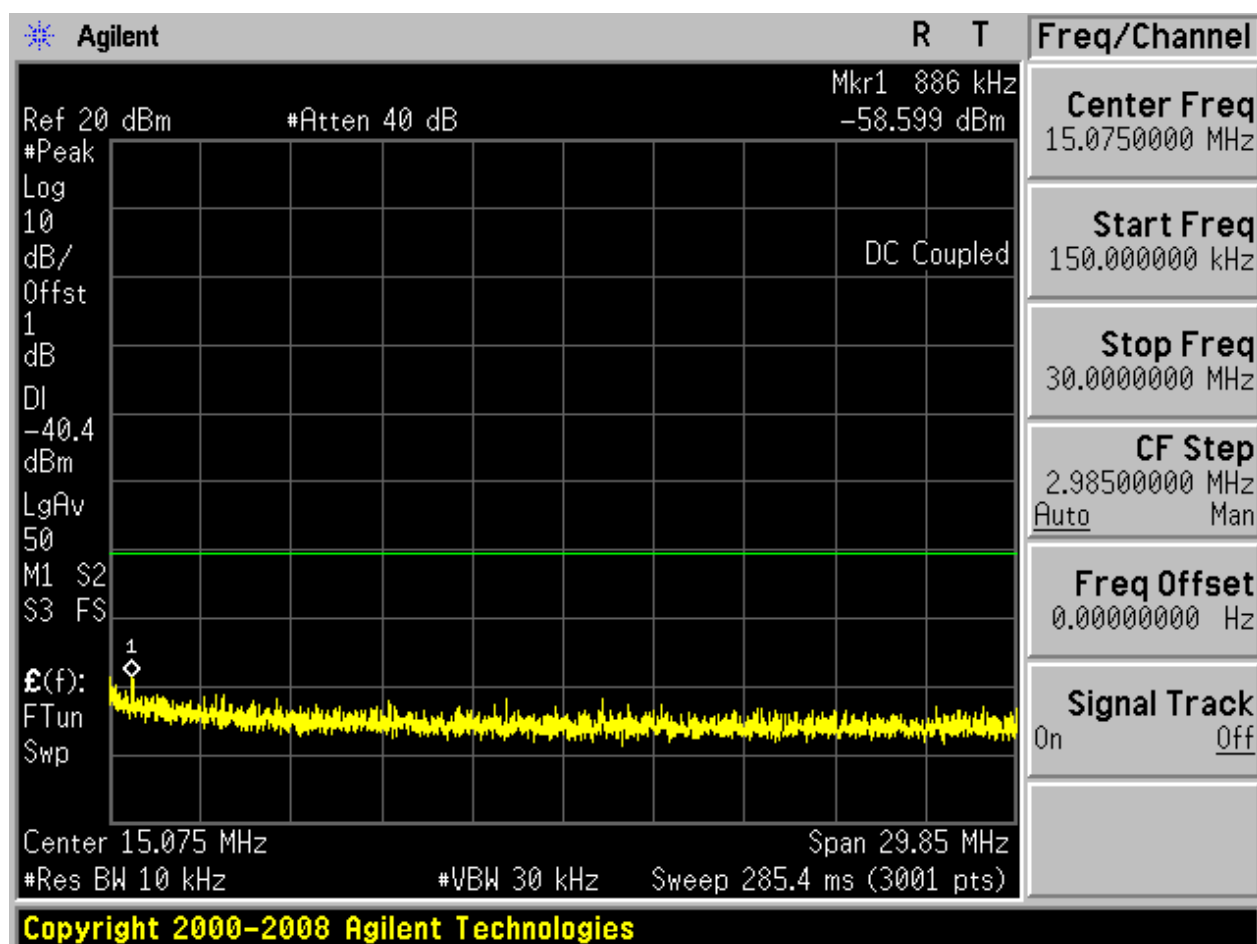
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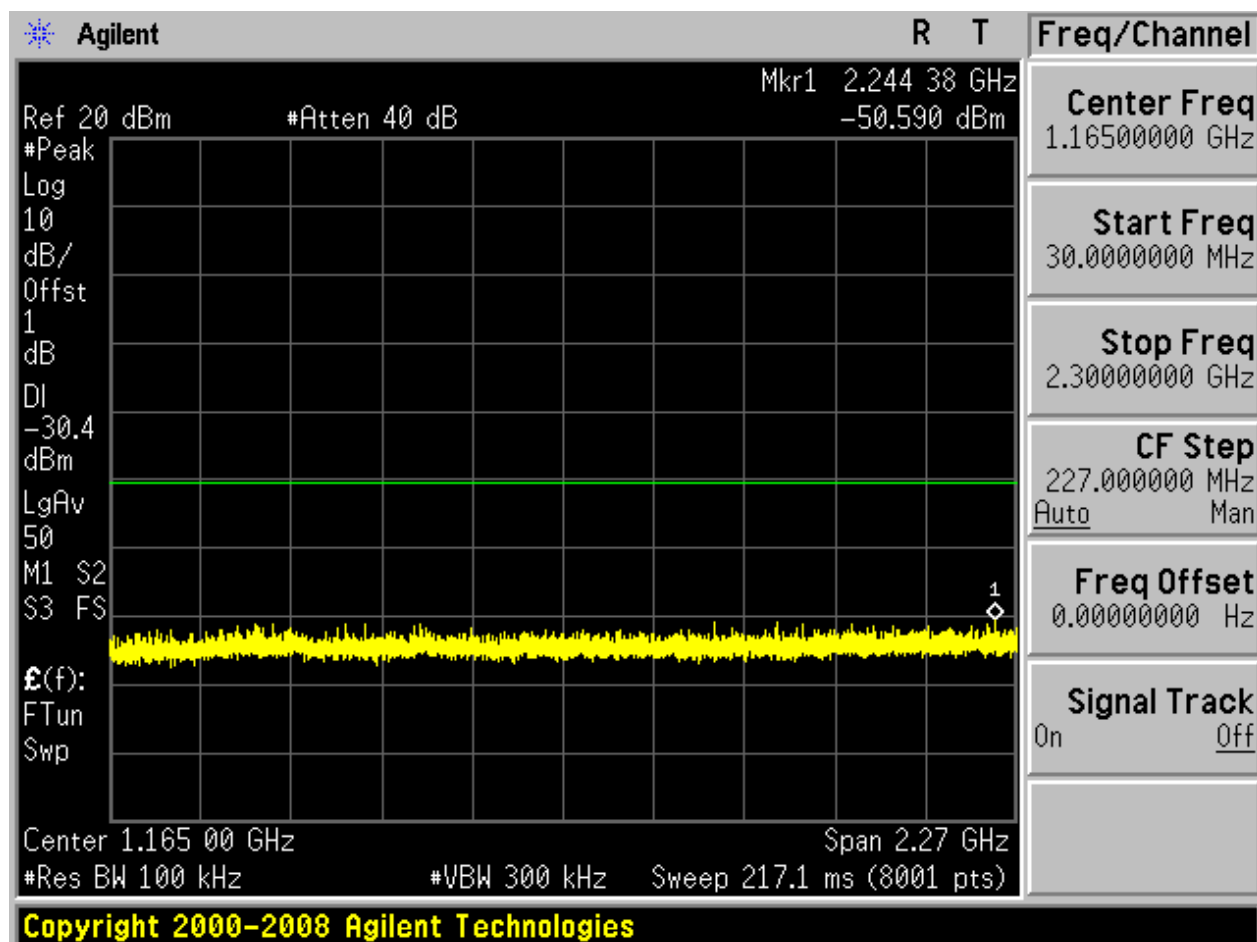


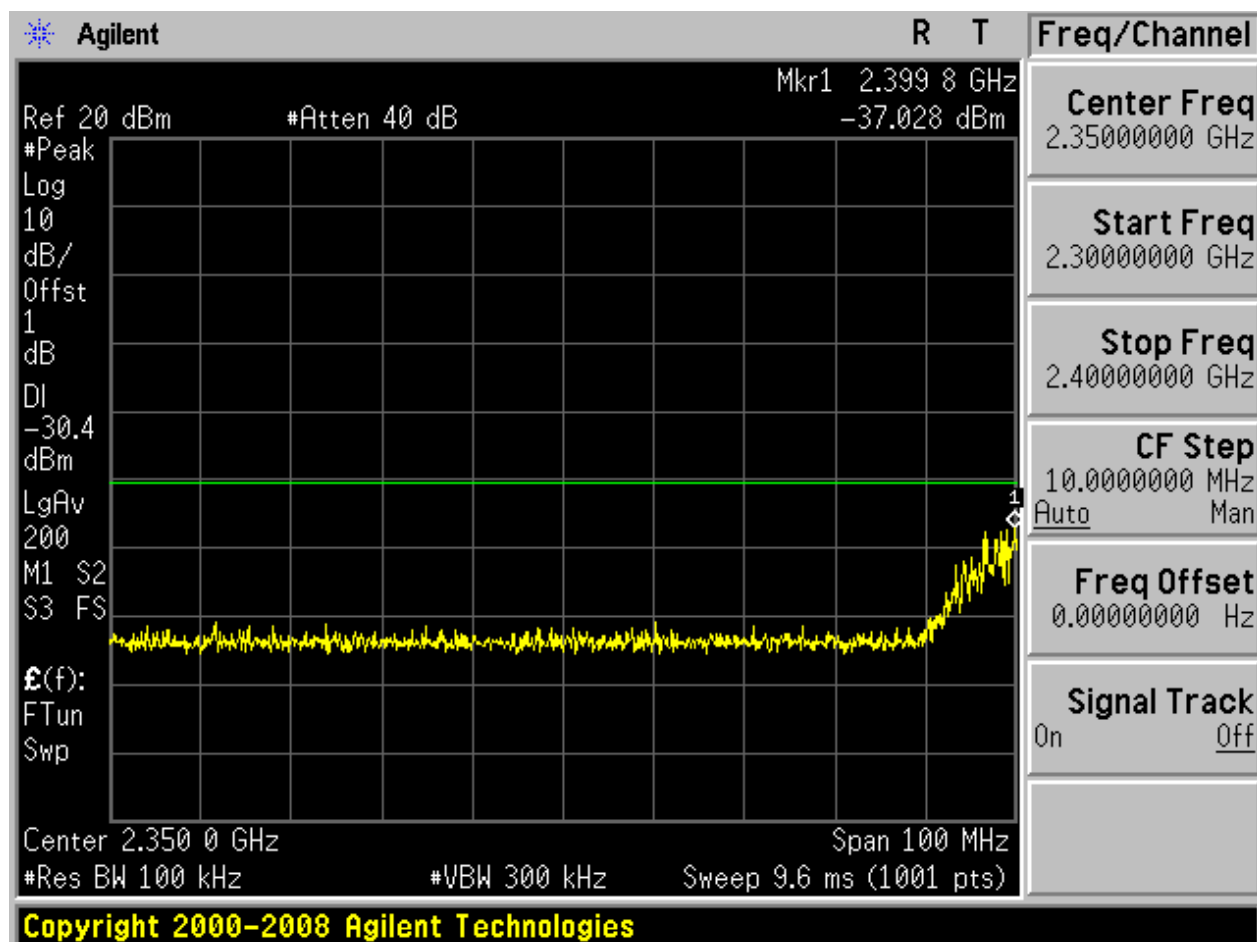


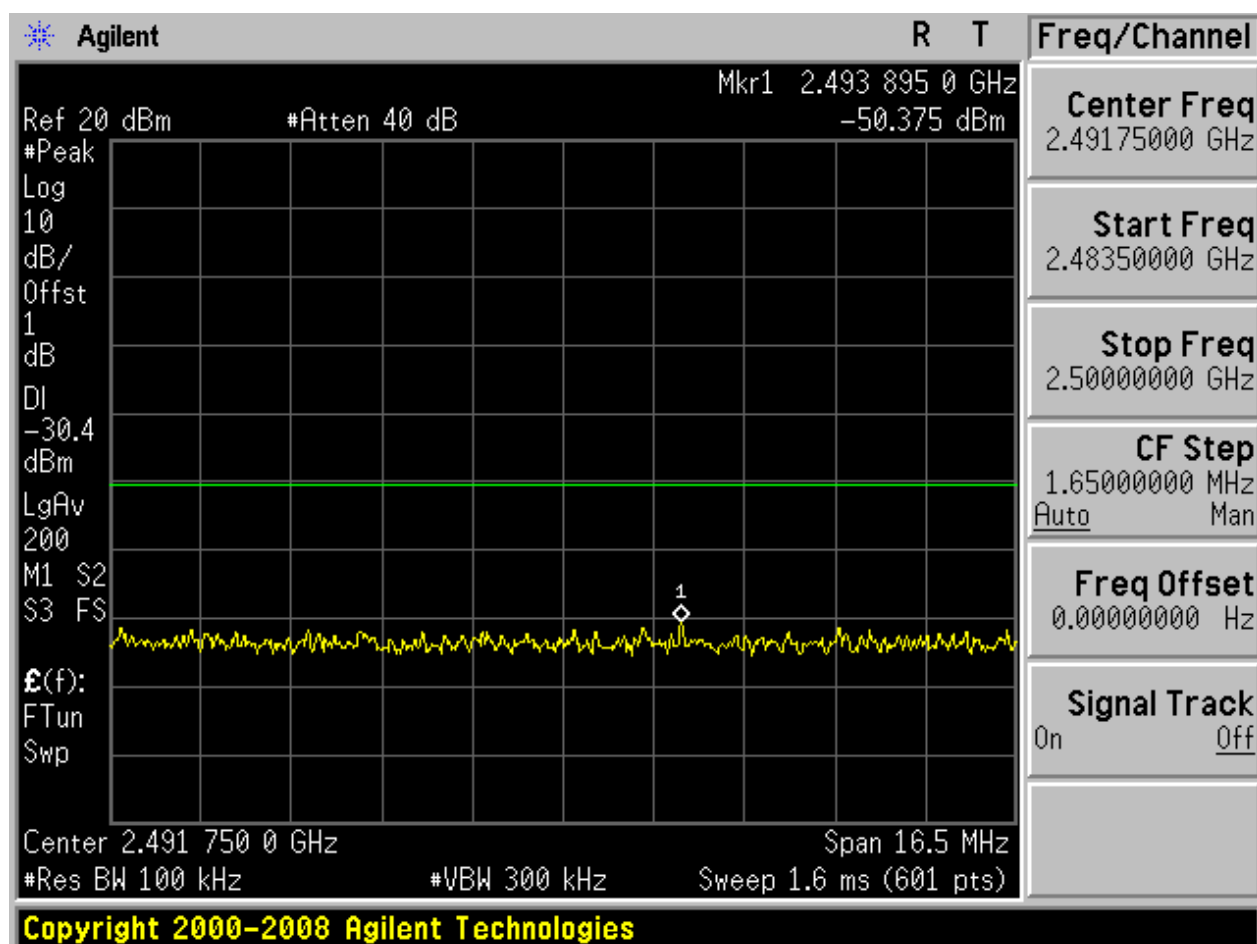
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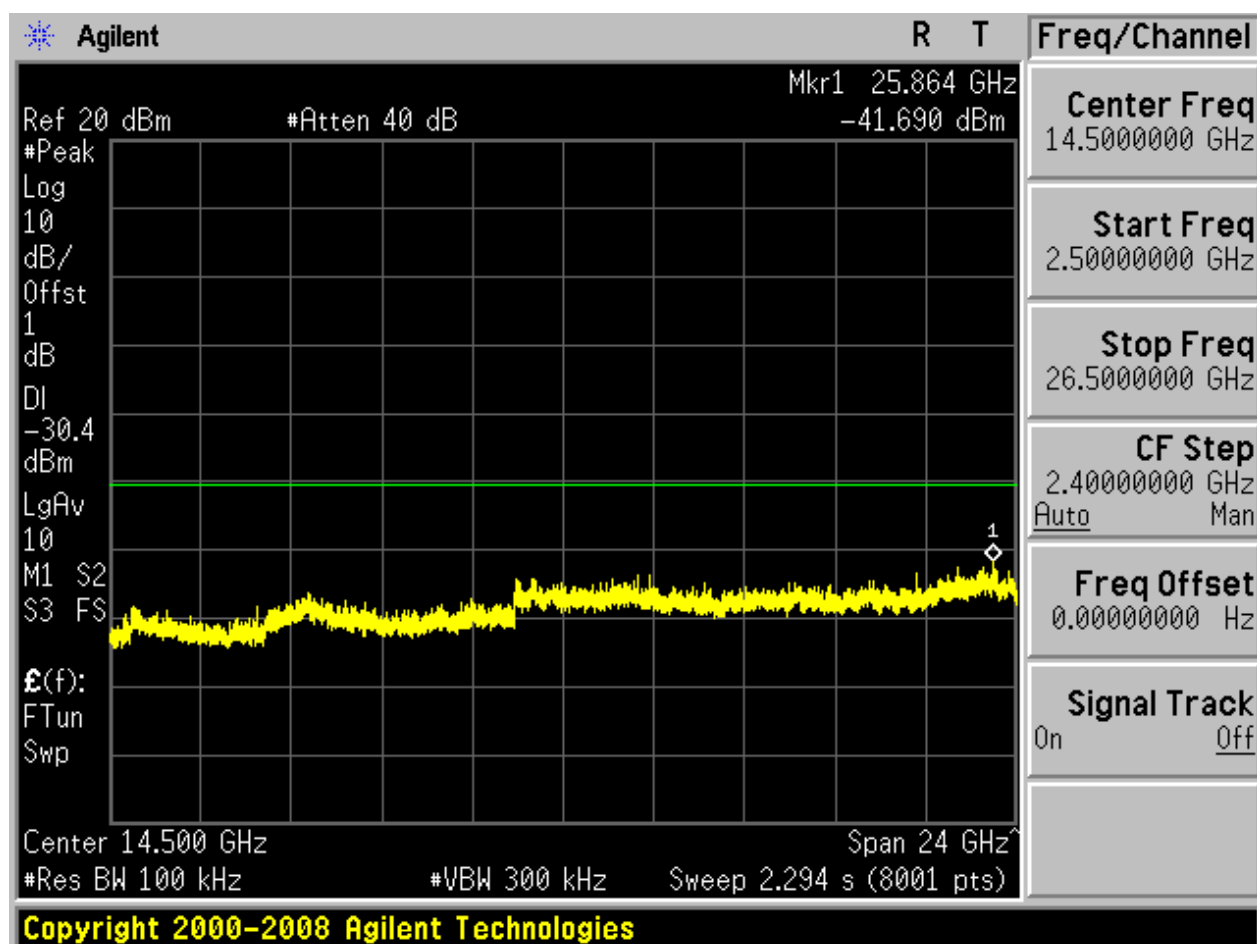






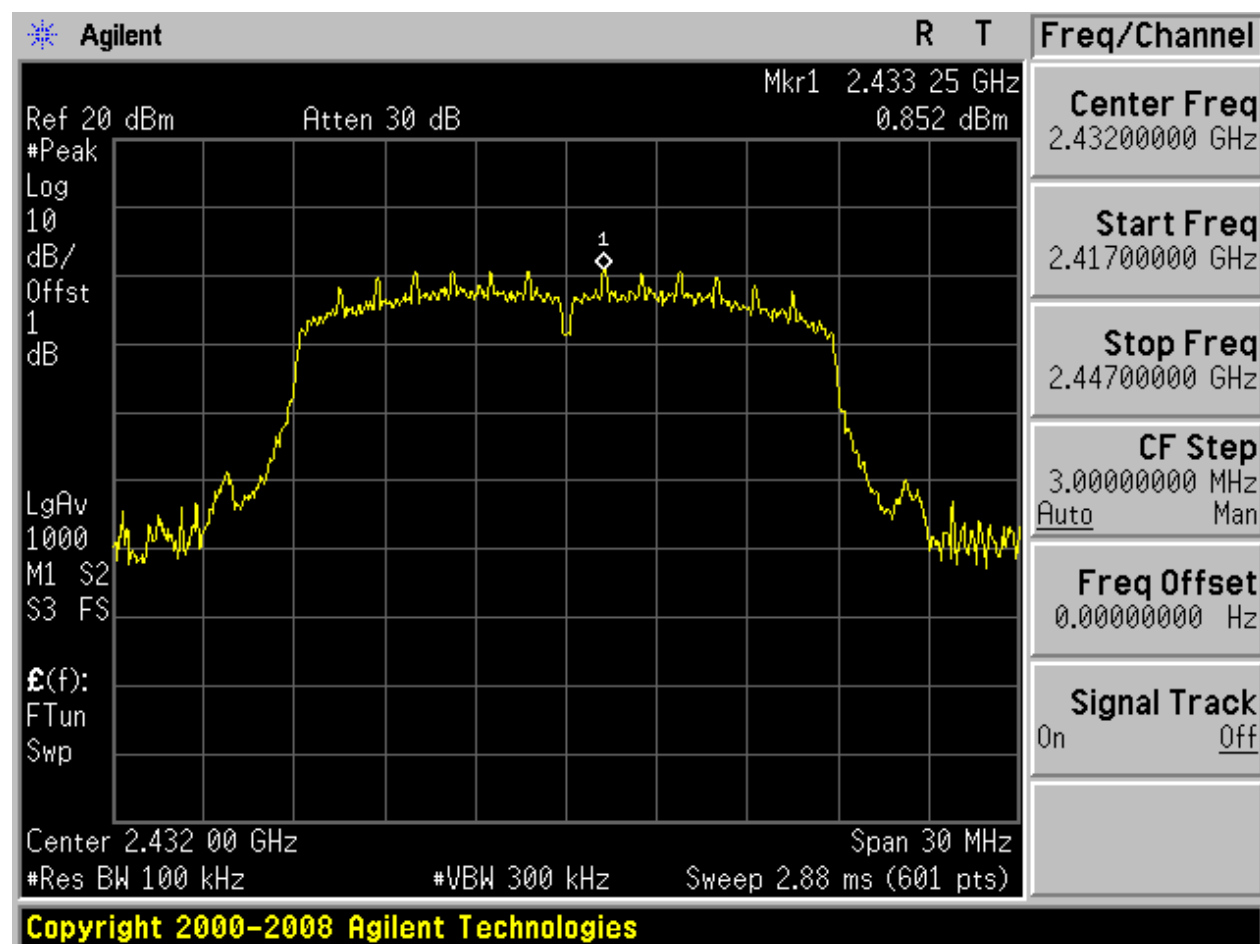






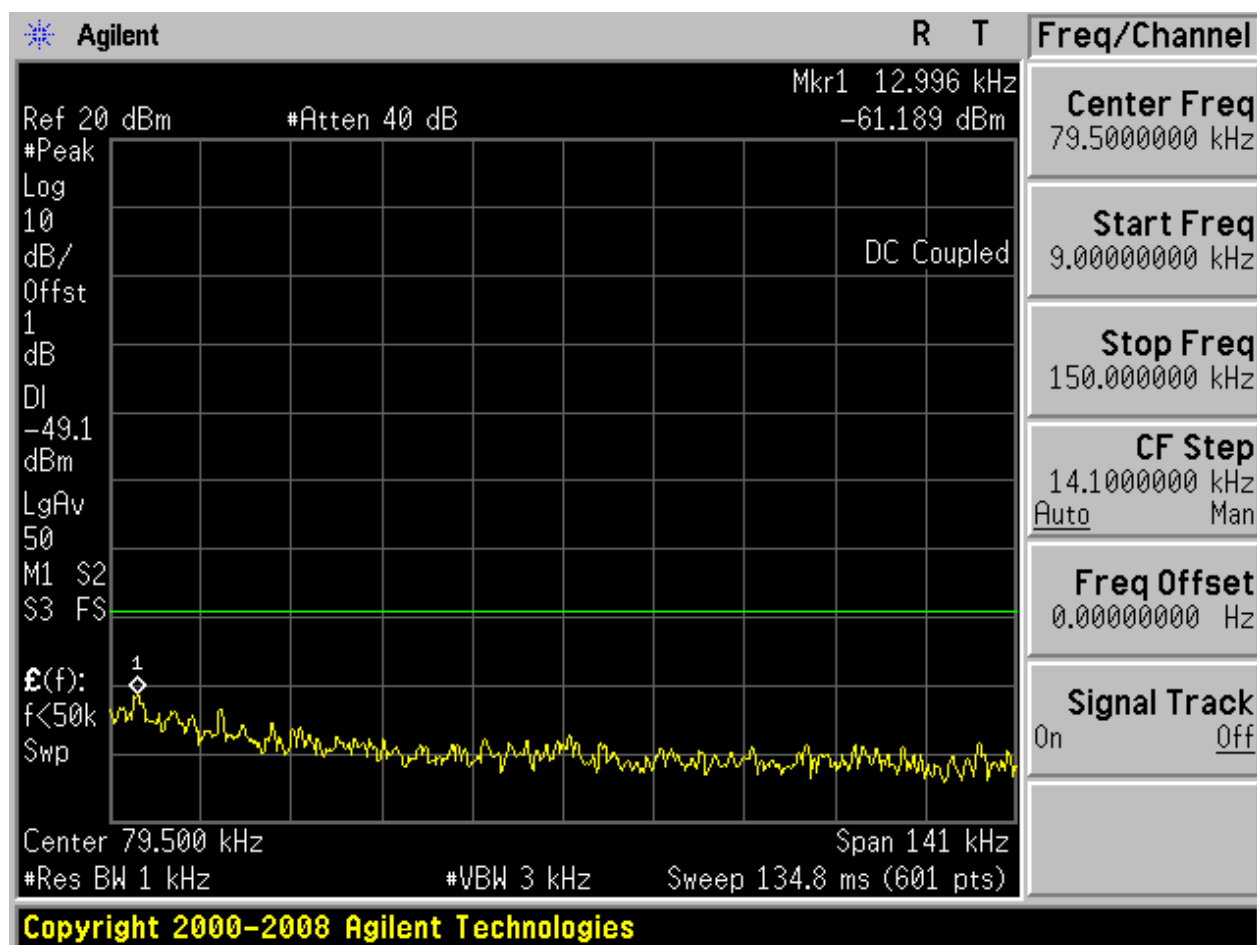
2.15 11N20_M@Ant 1

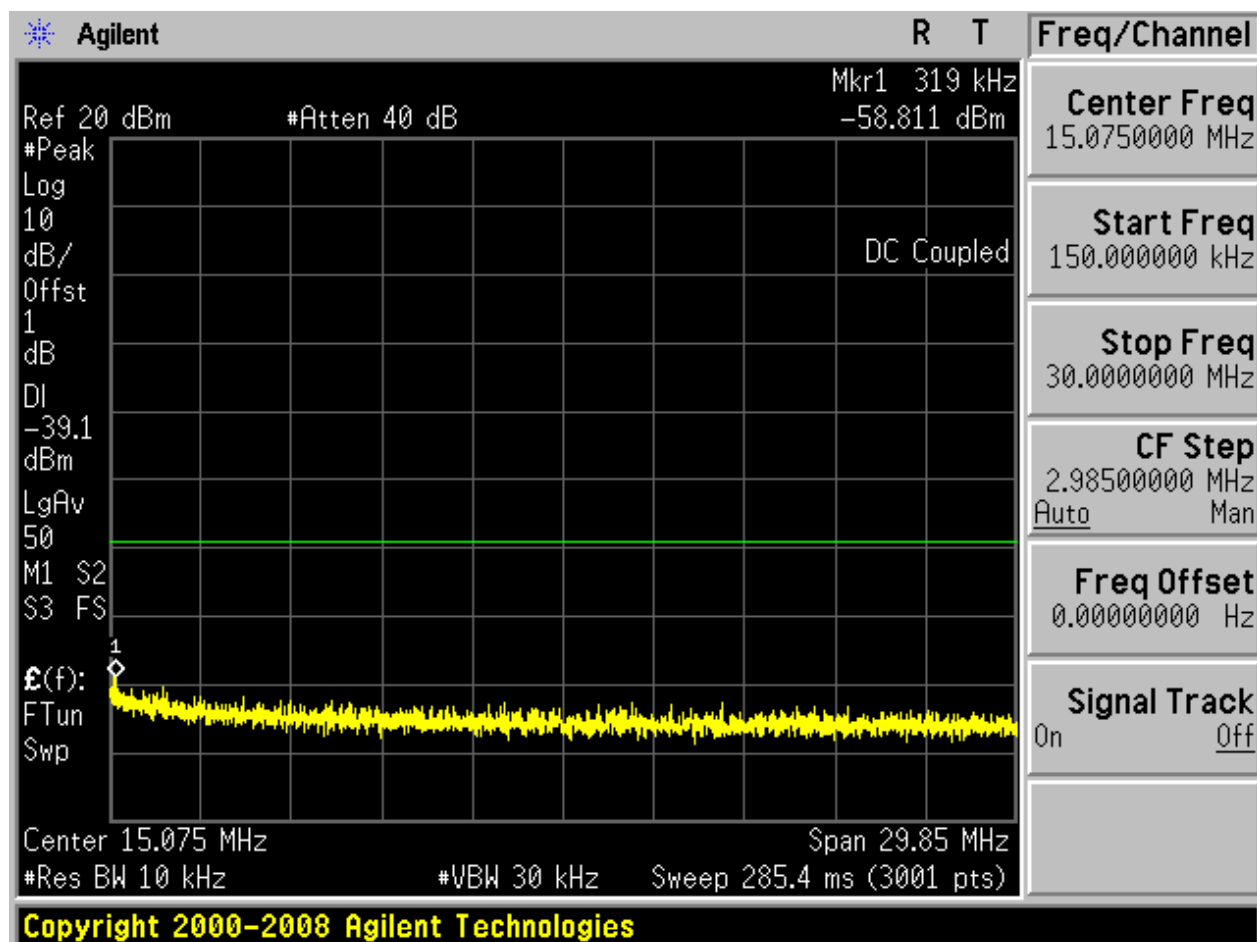
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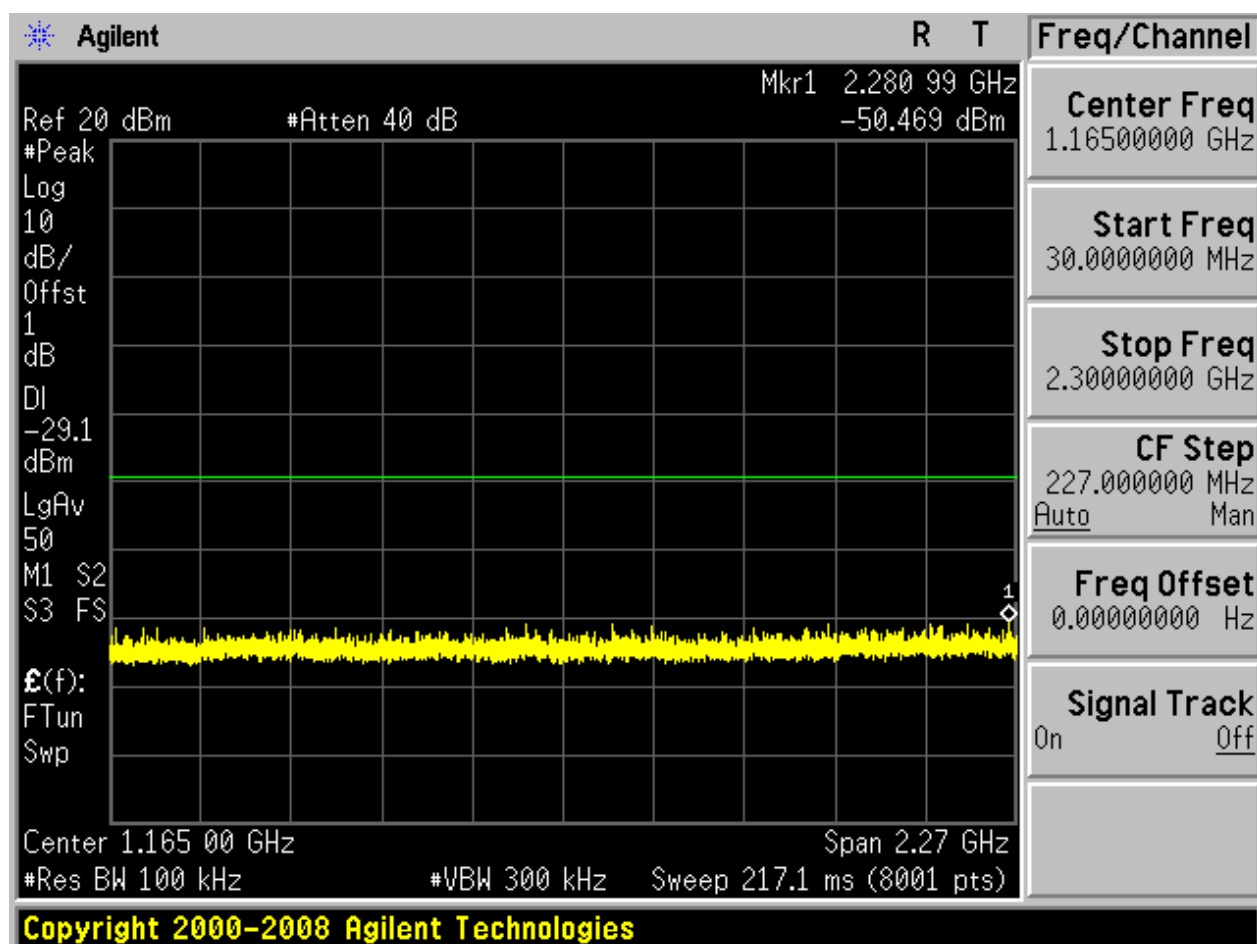


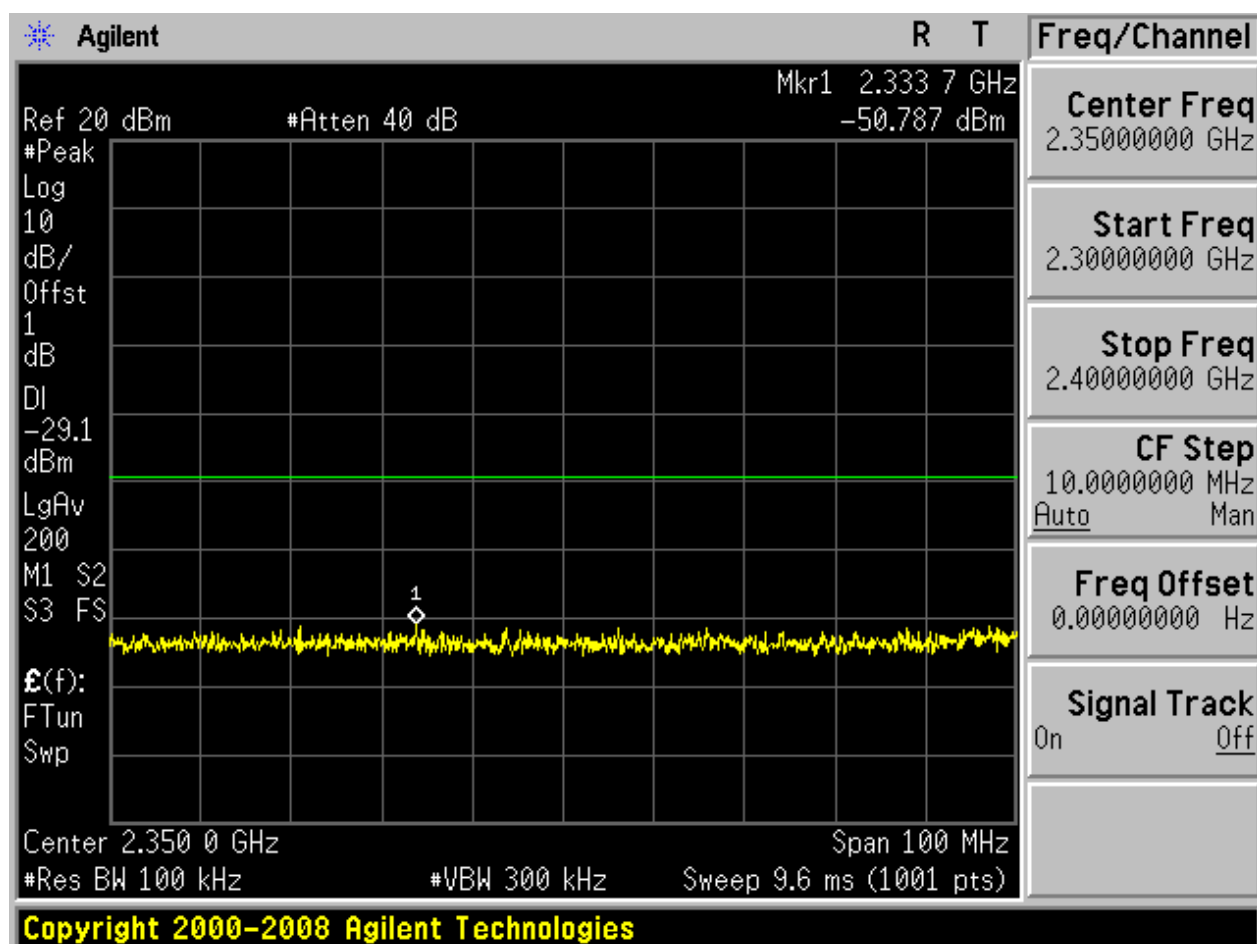


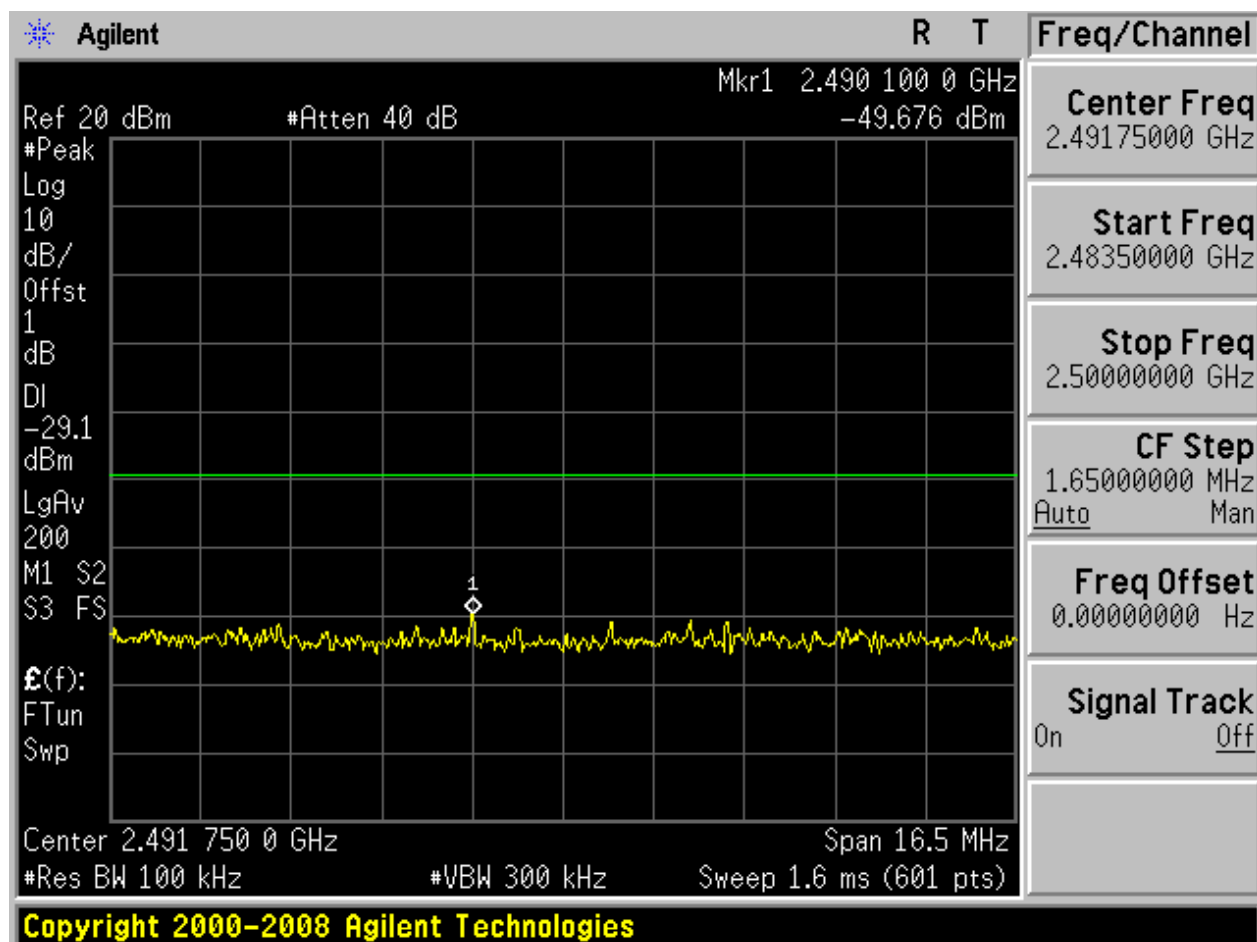
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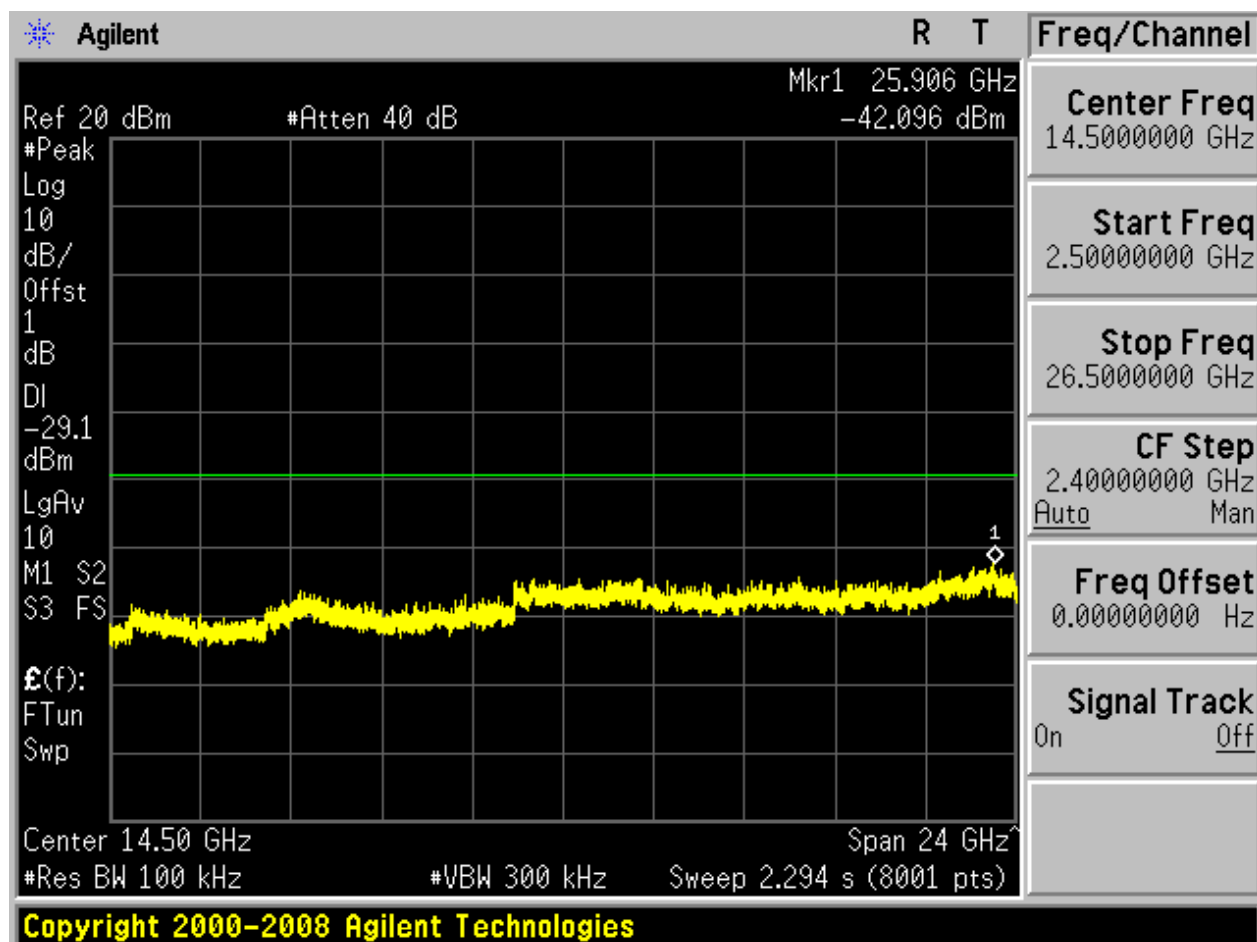






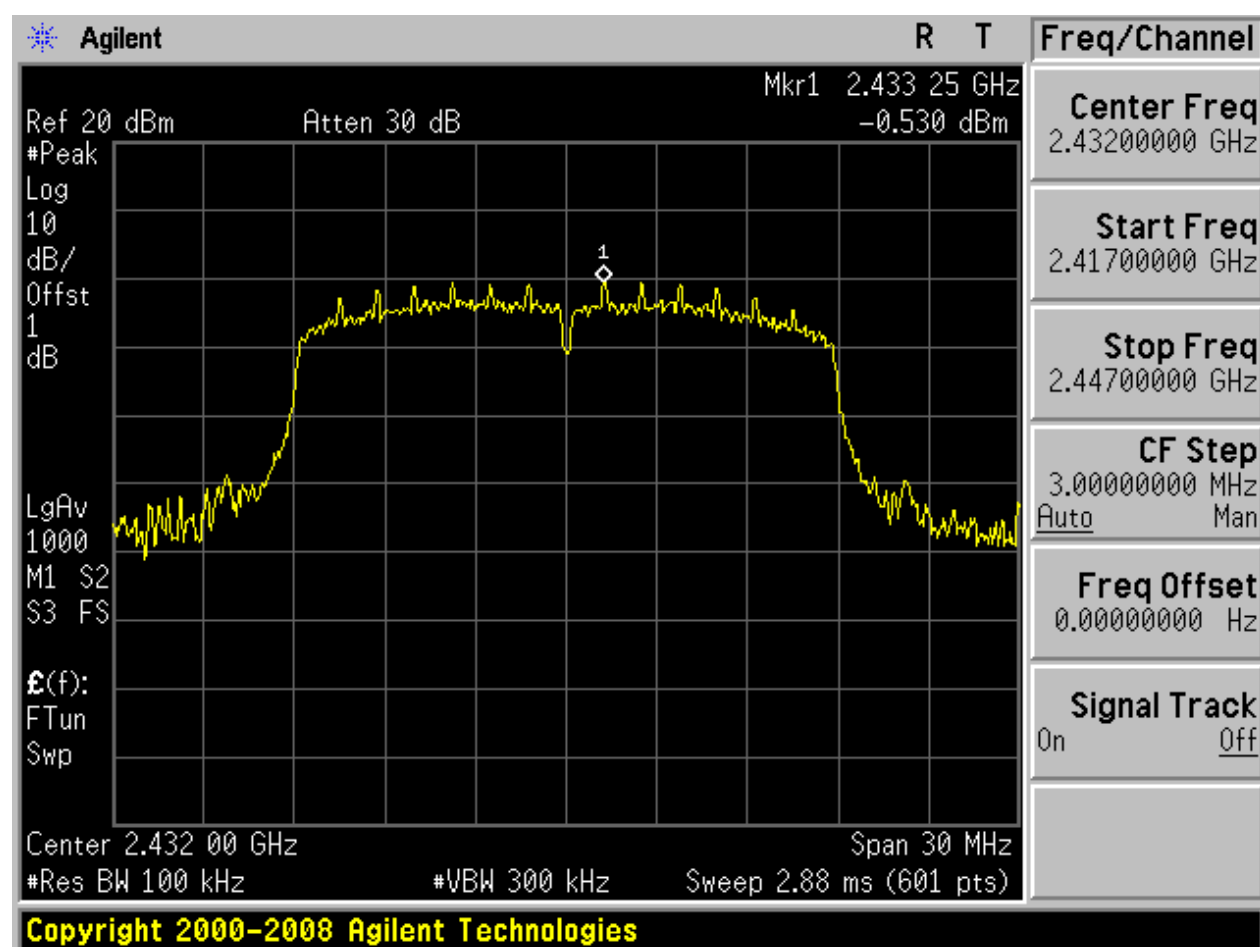






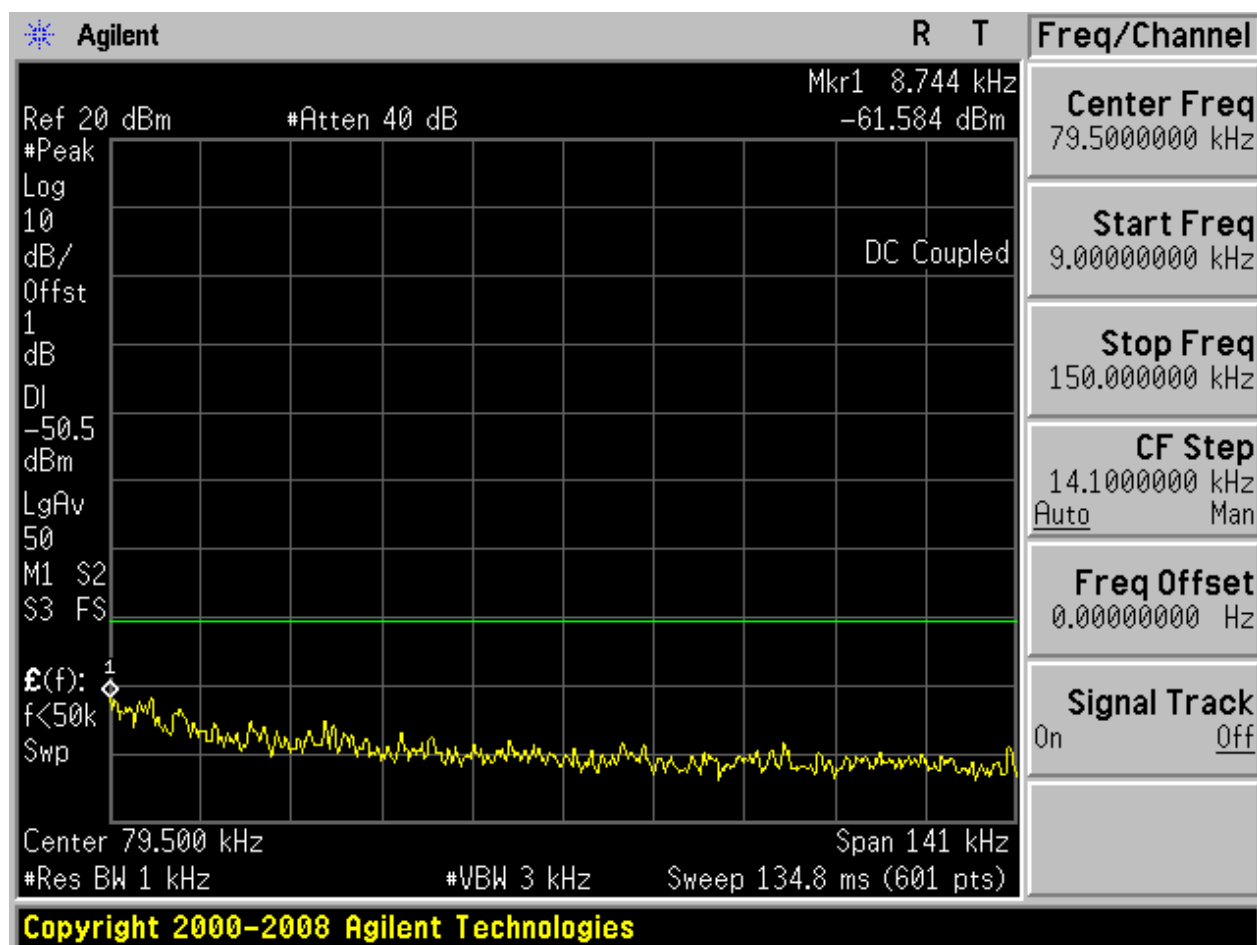
2.16 11N20_M@Ant 2

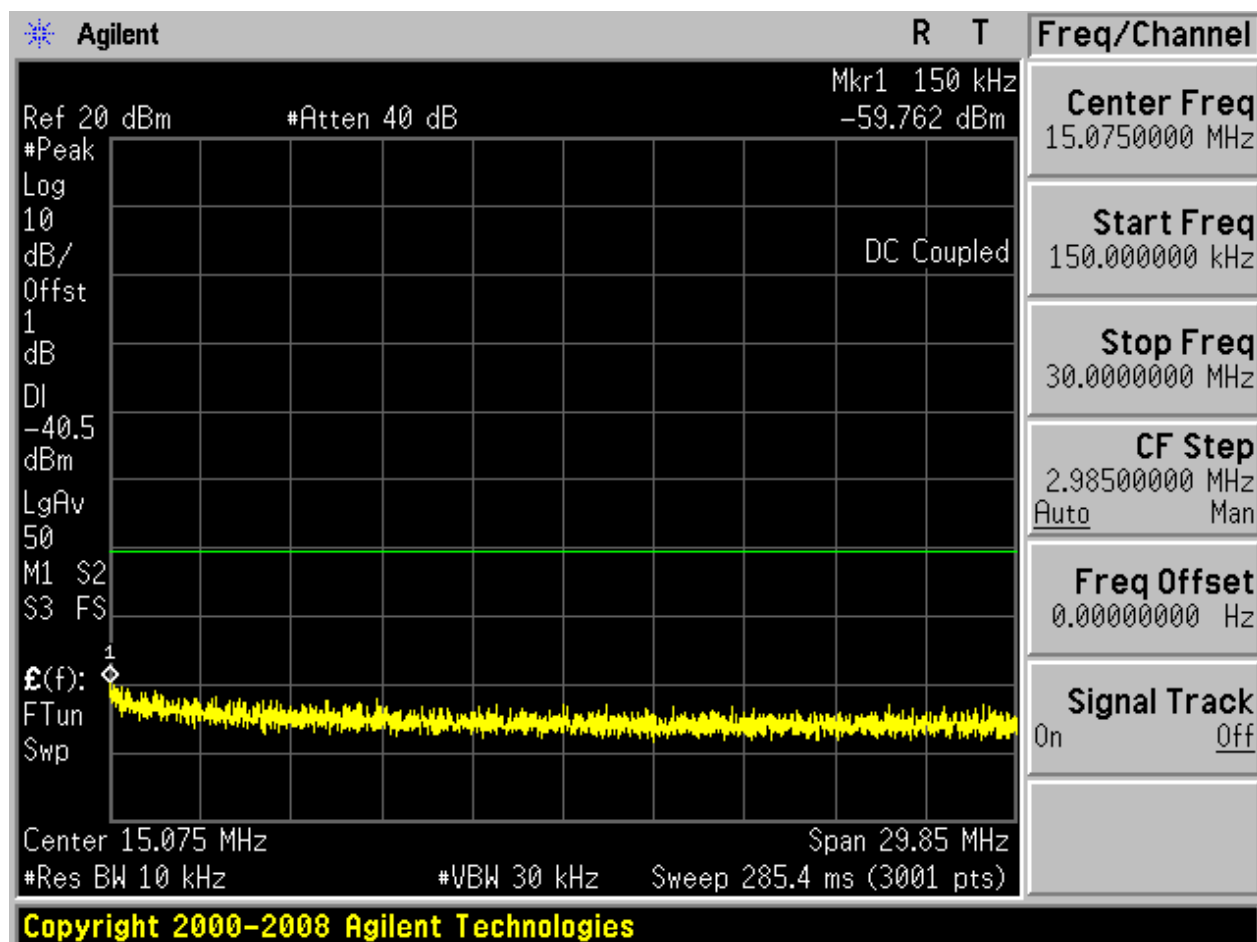
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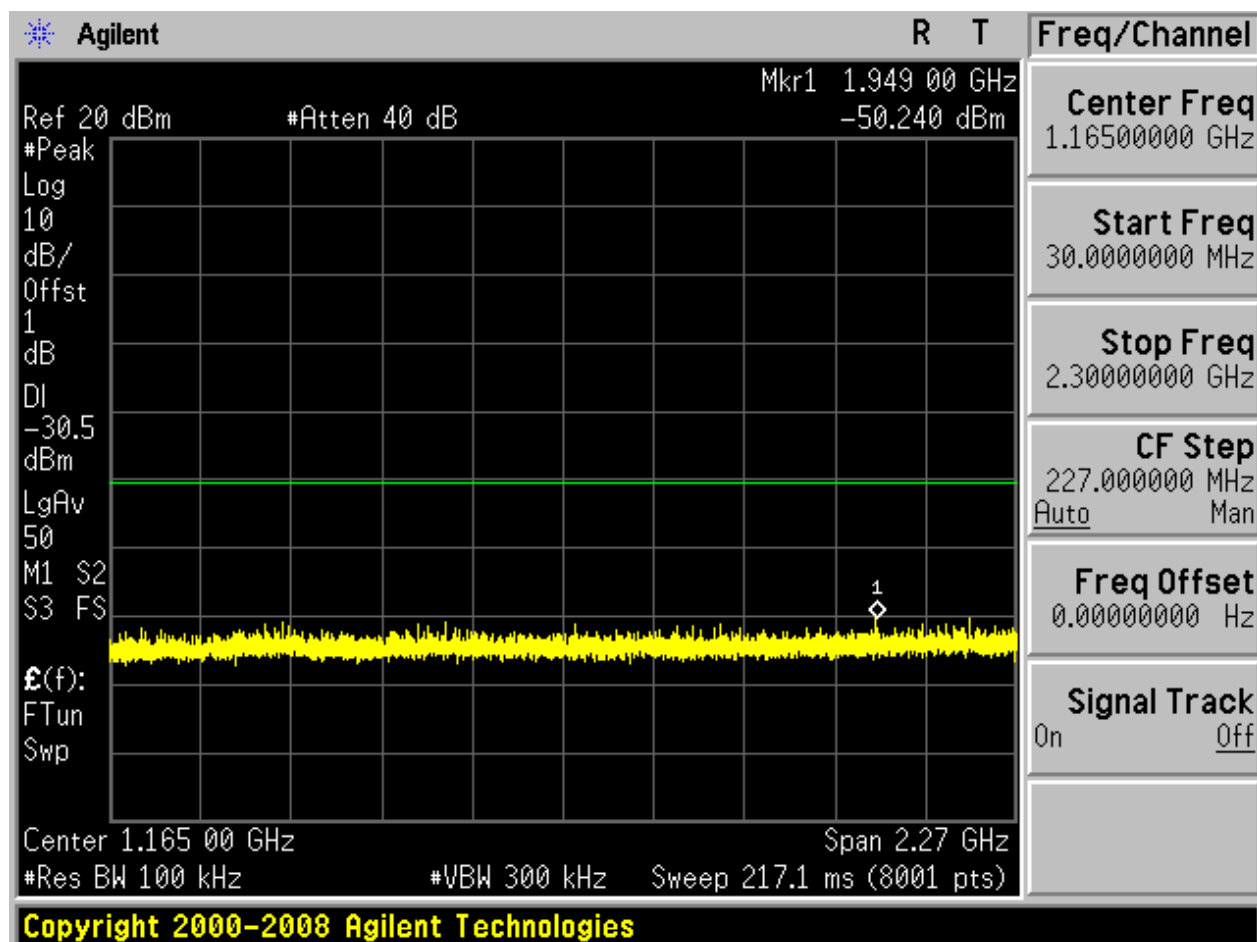


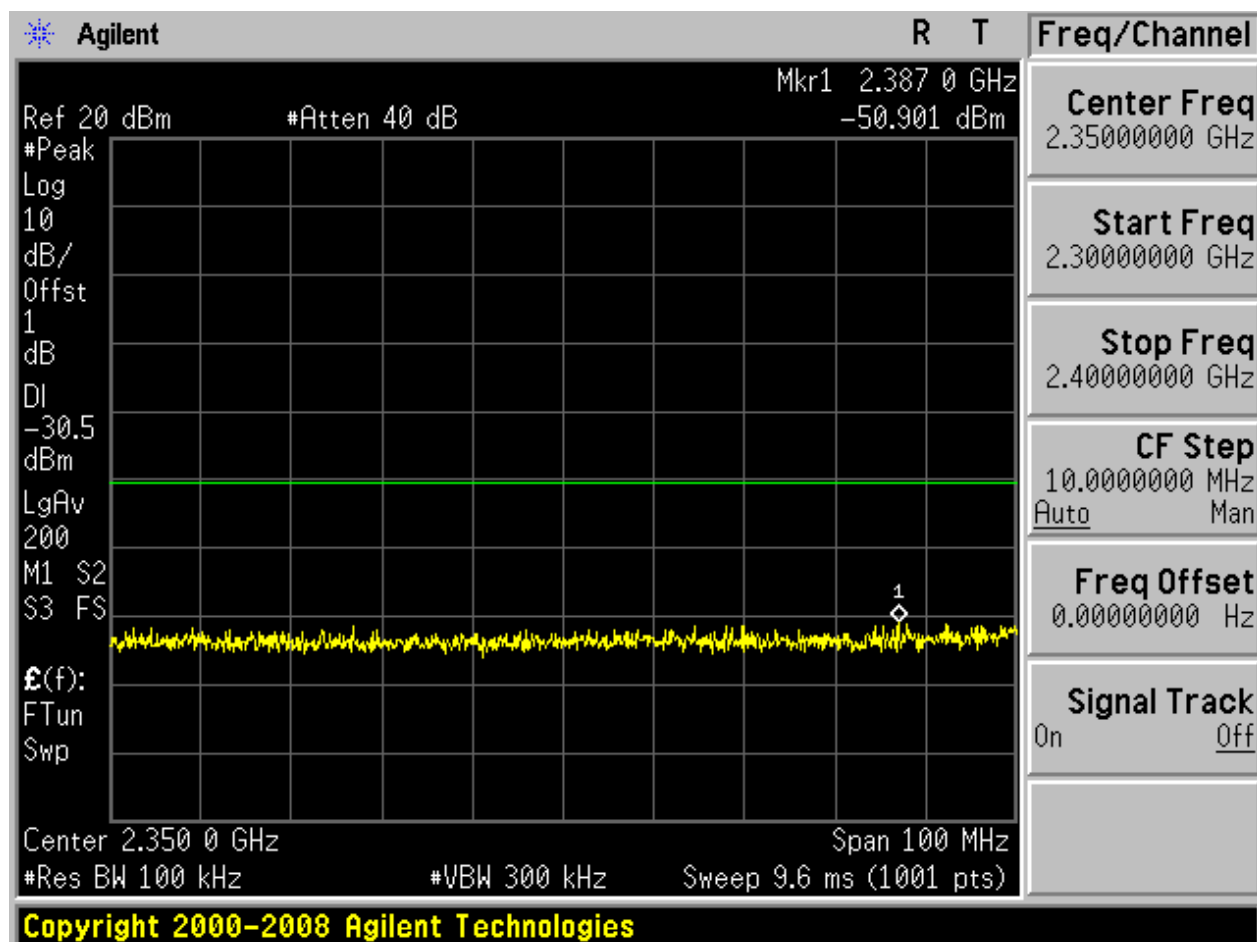


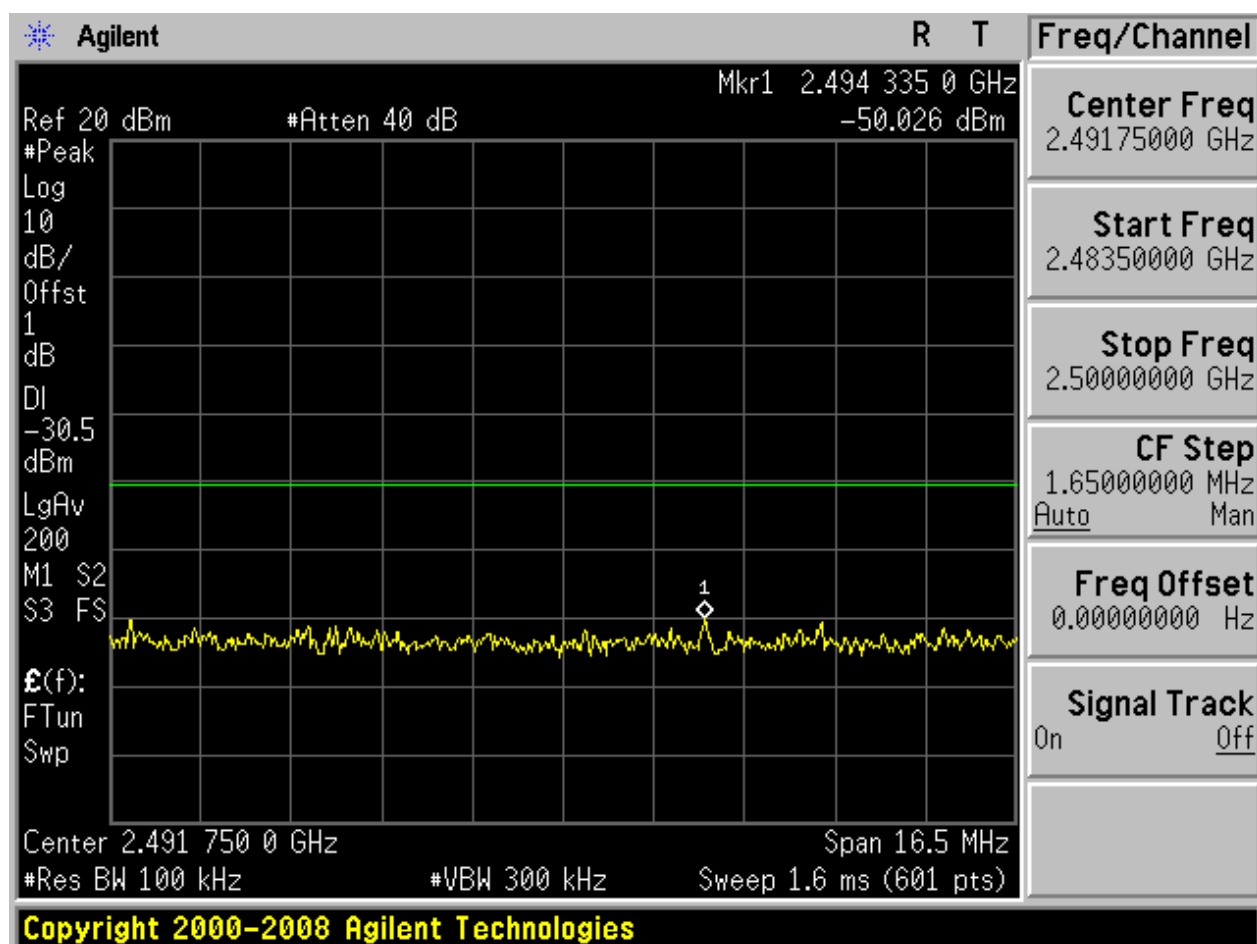
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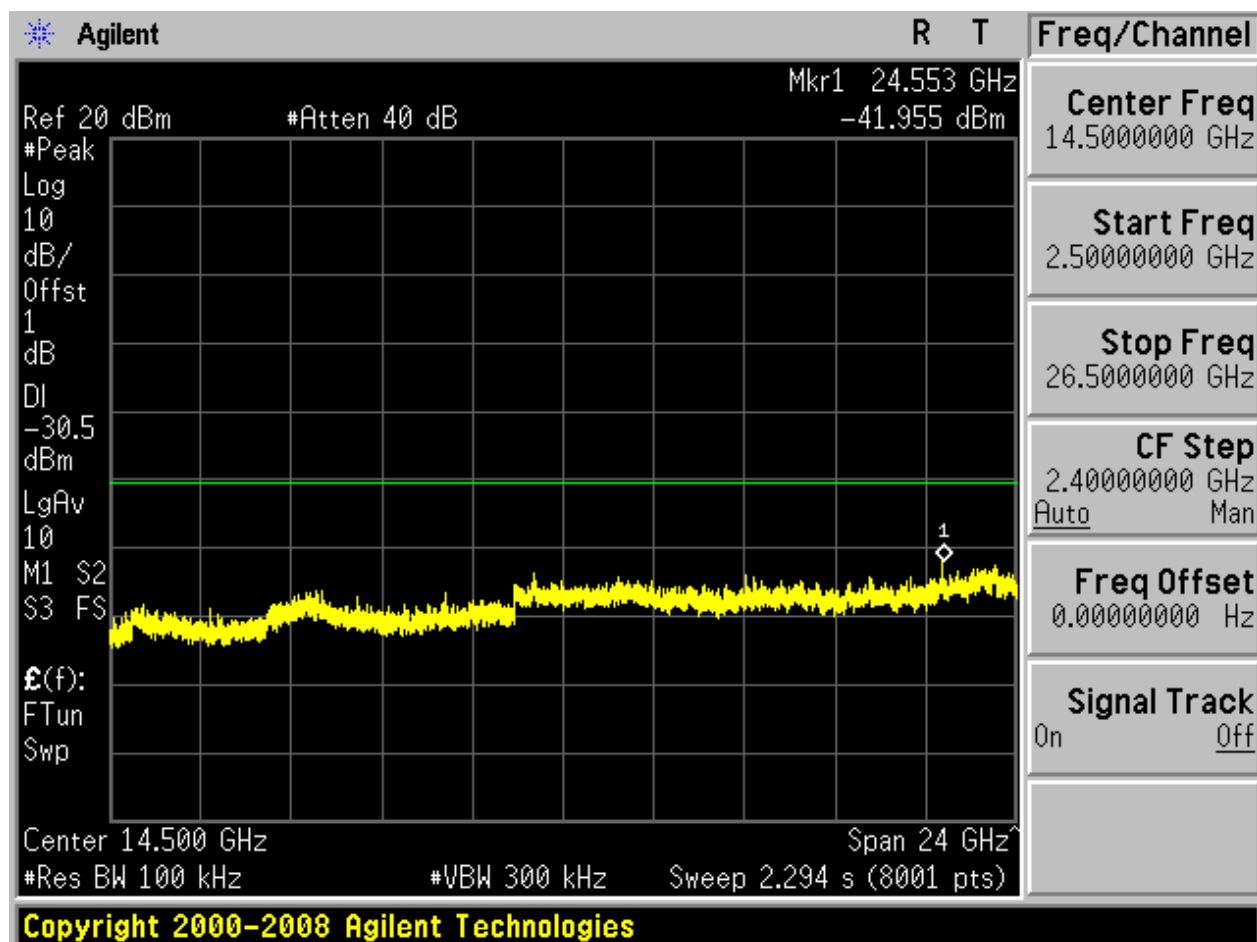






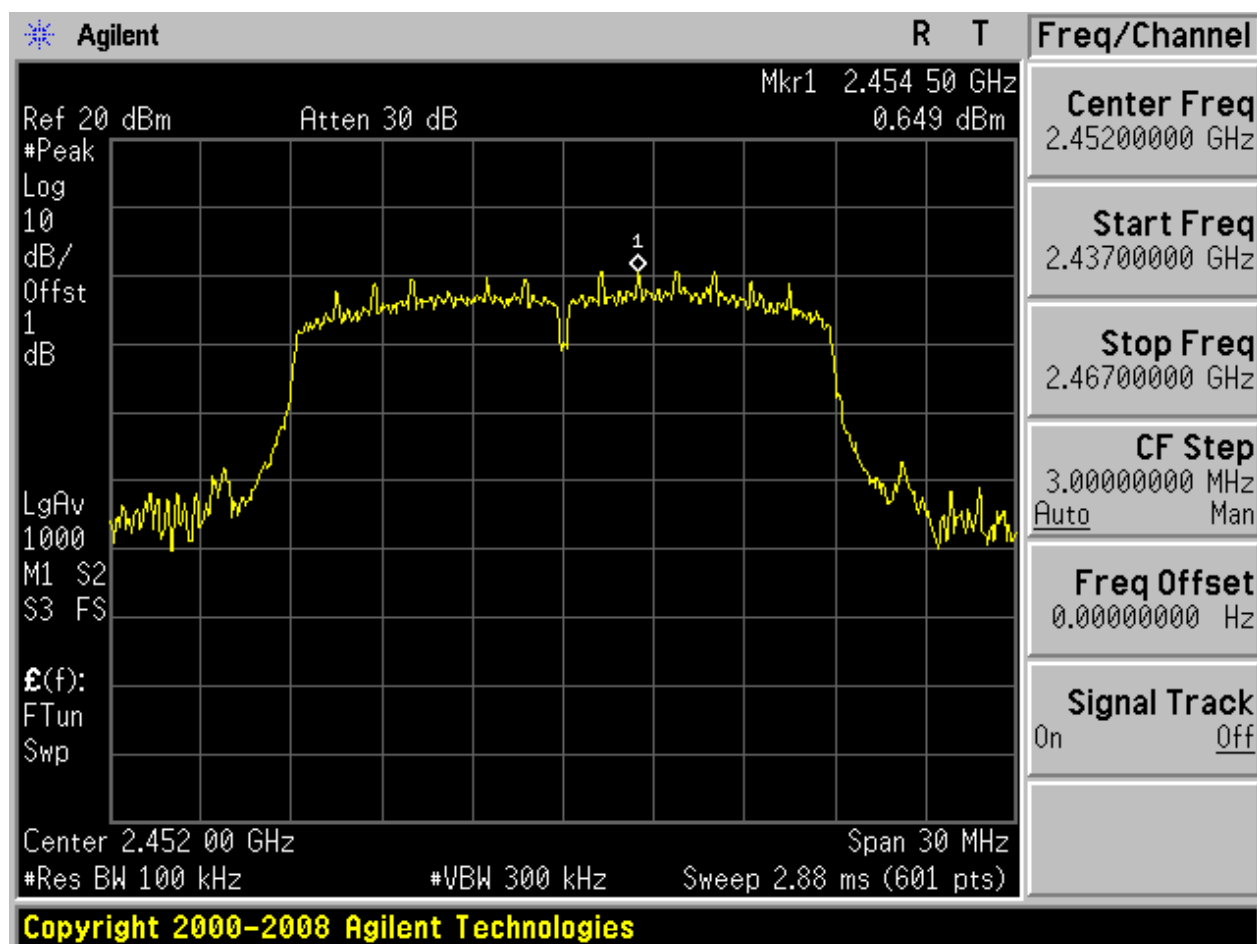






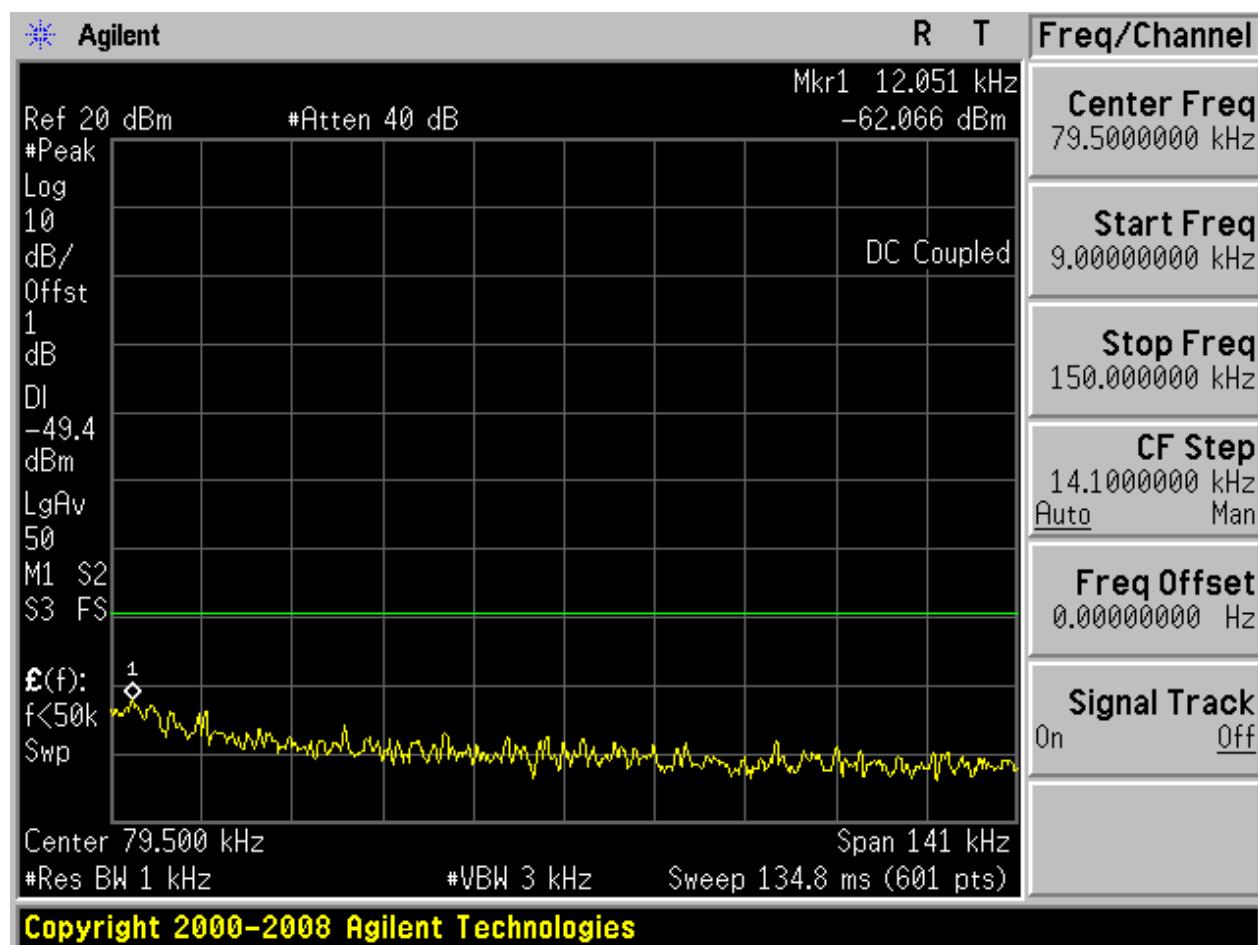
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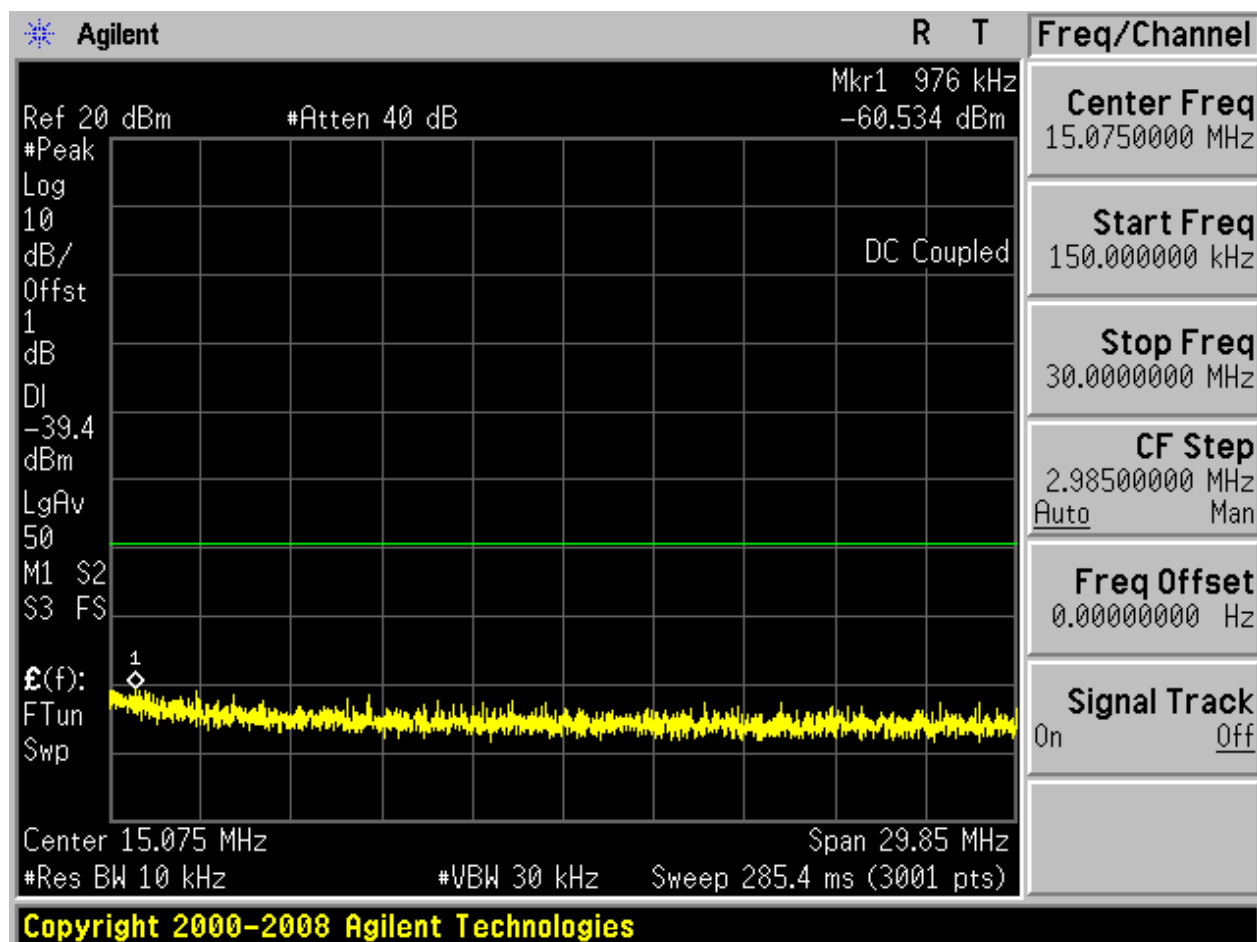
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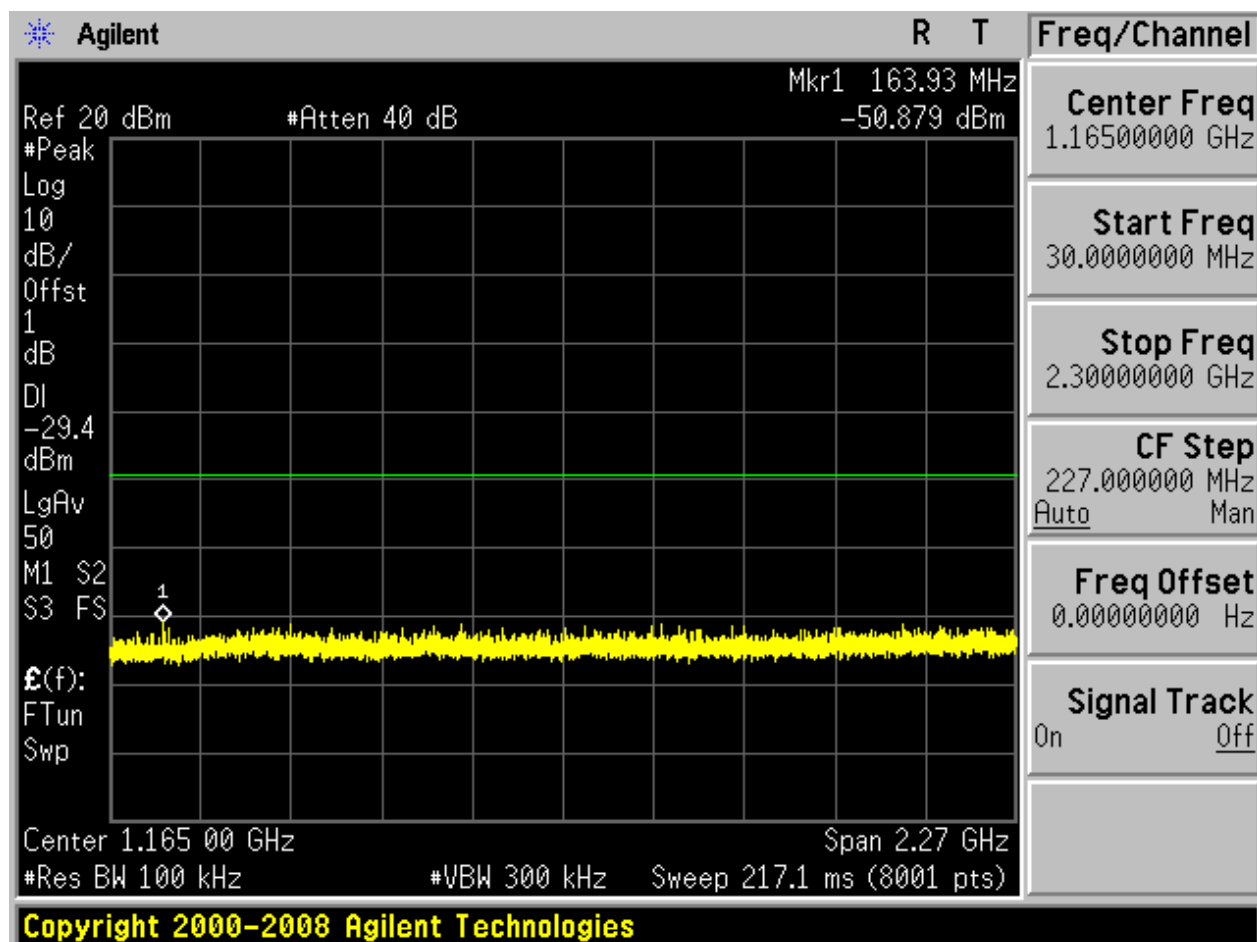


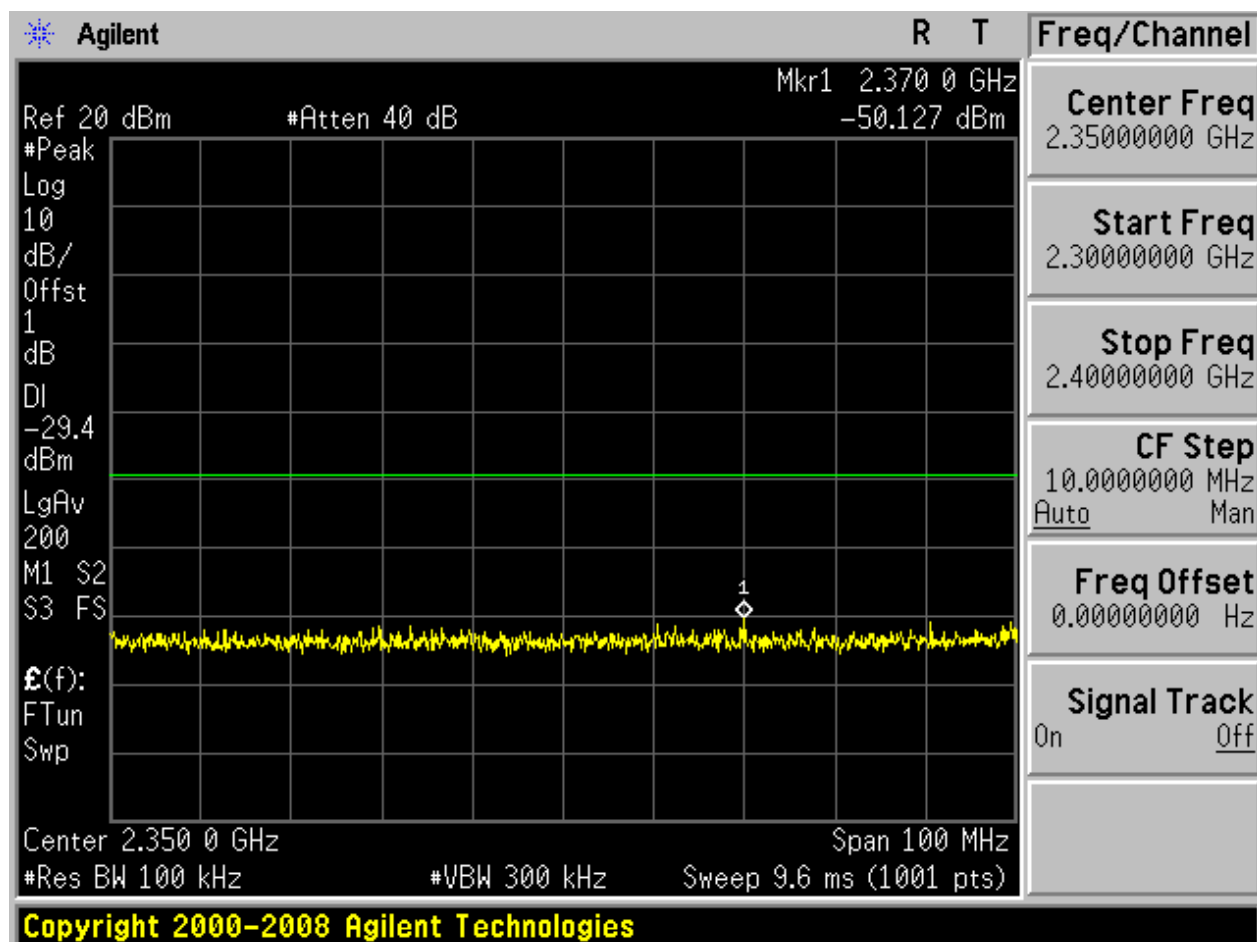


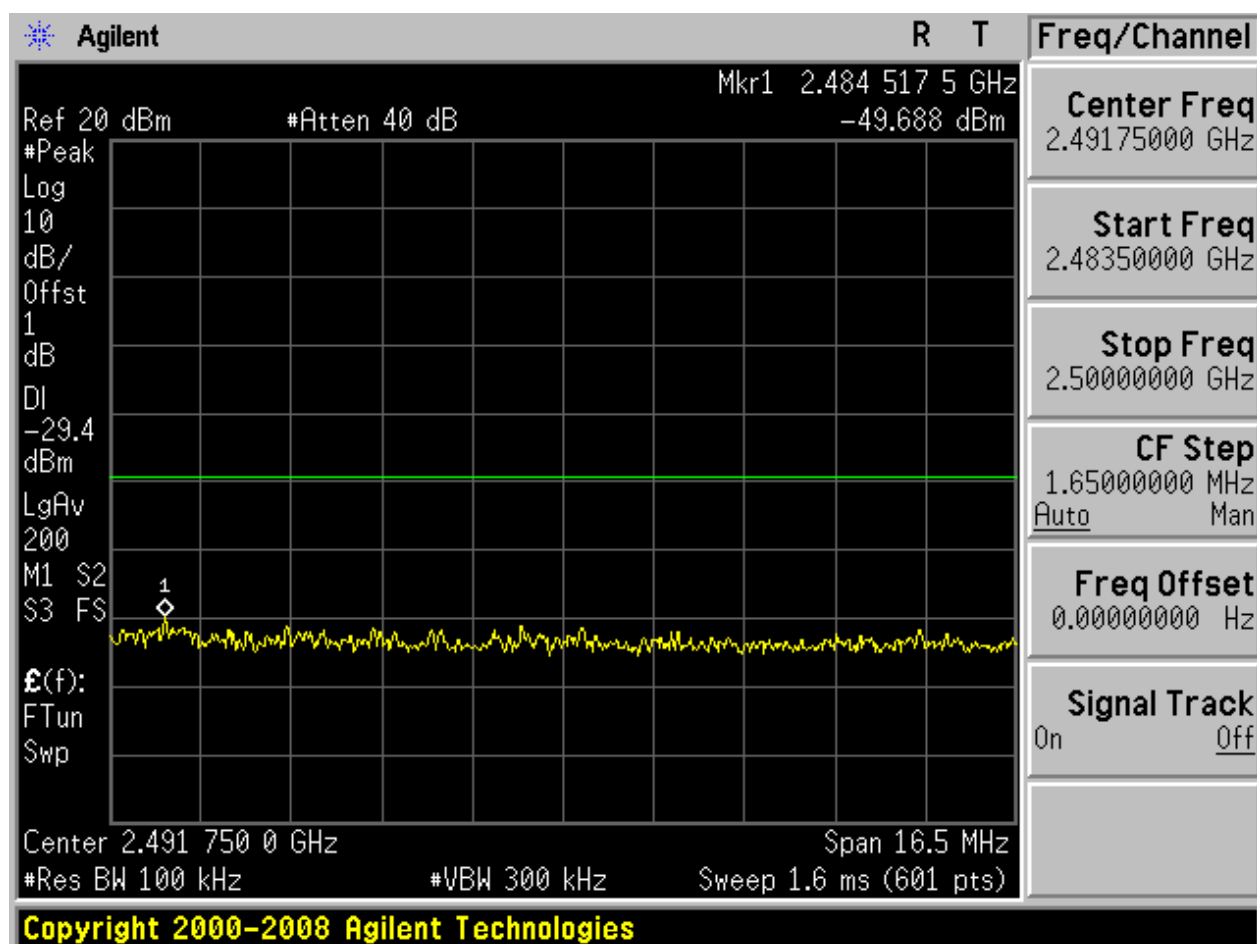
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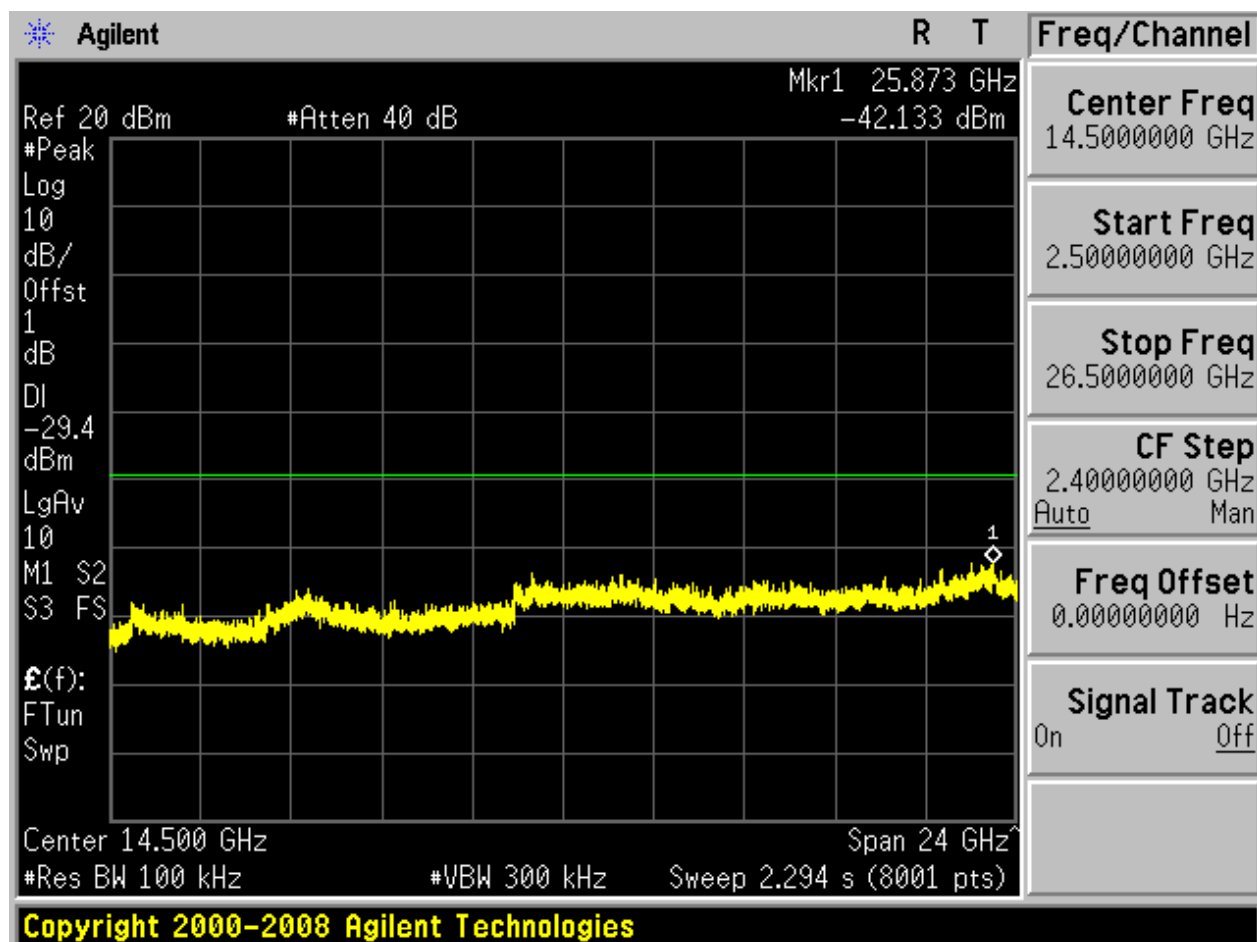






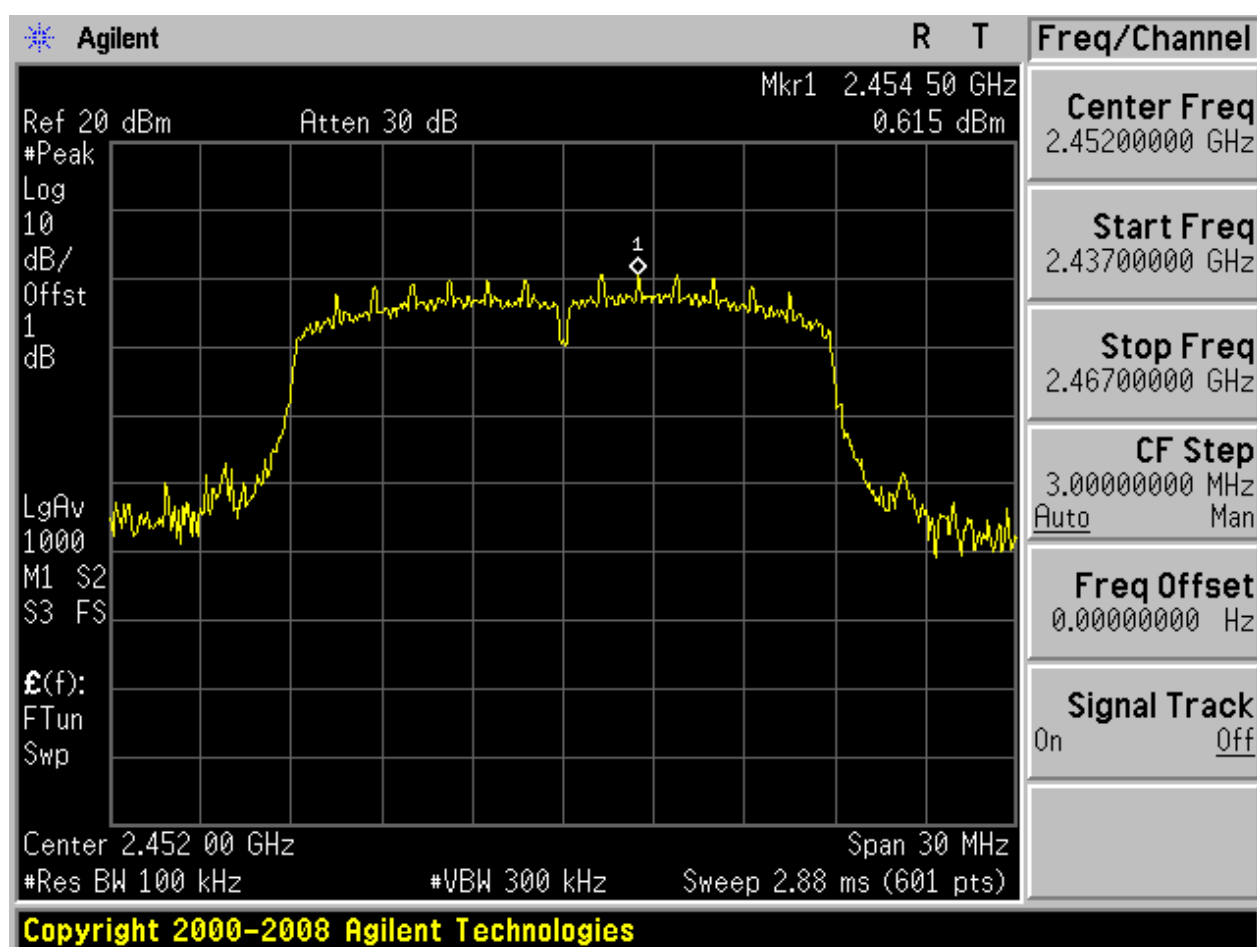






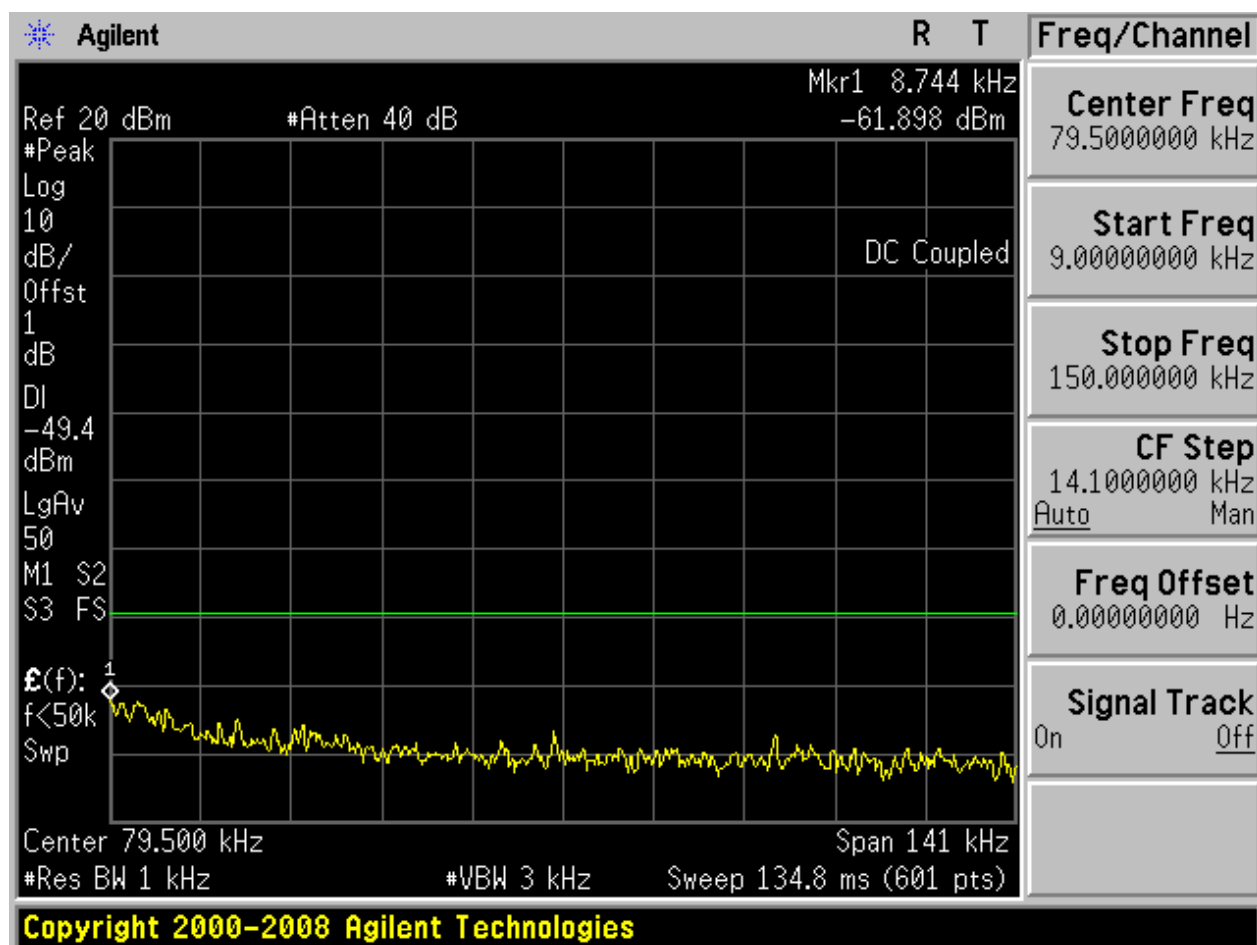
2.18 11N20_H@Ant 2

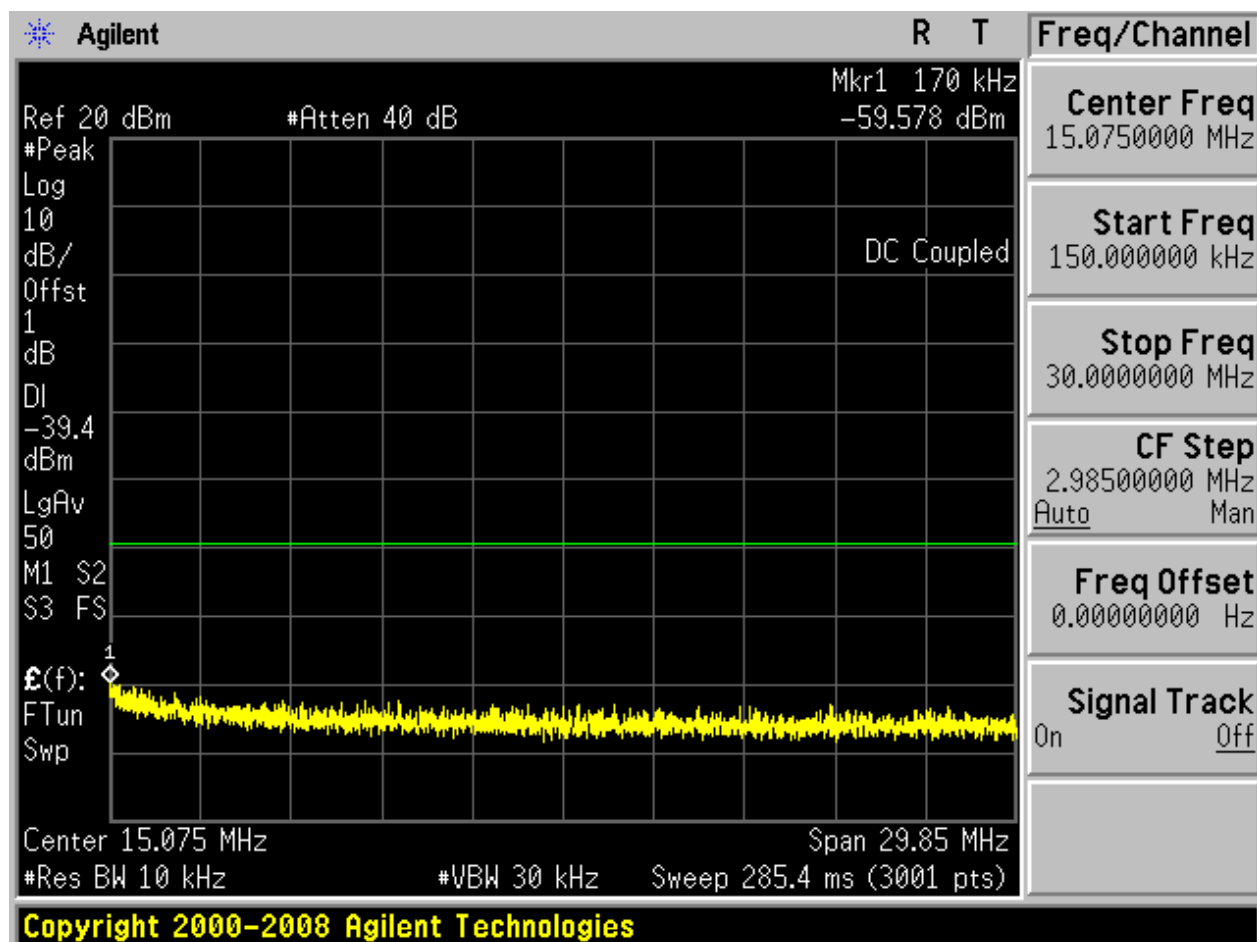
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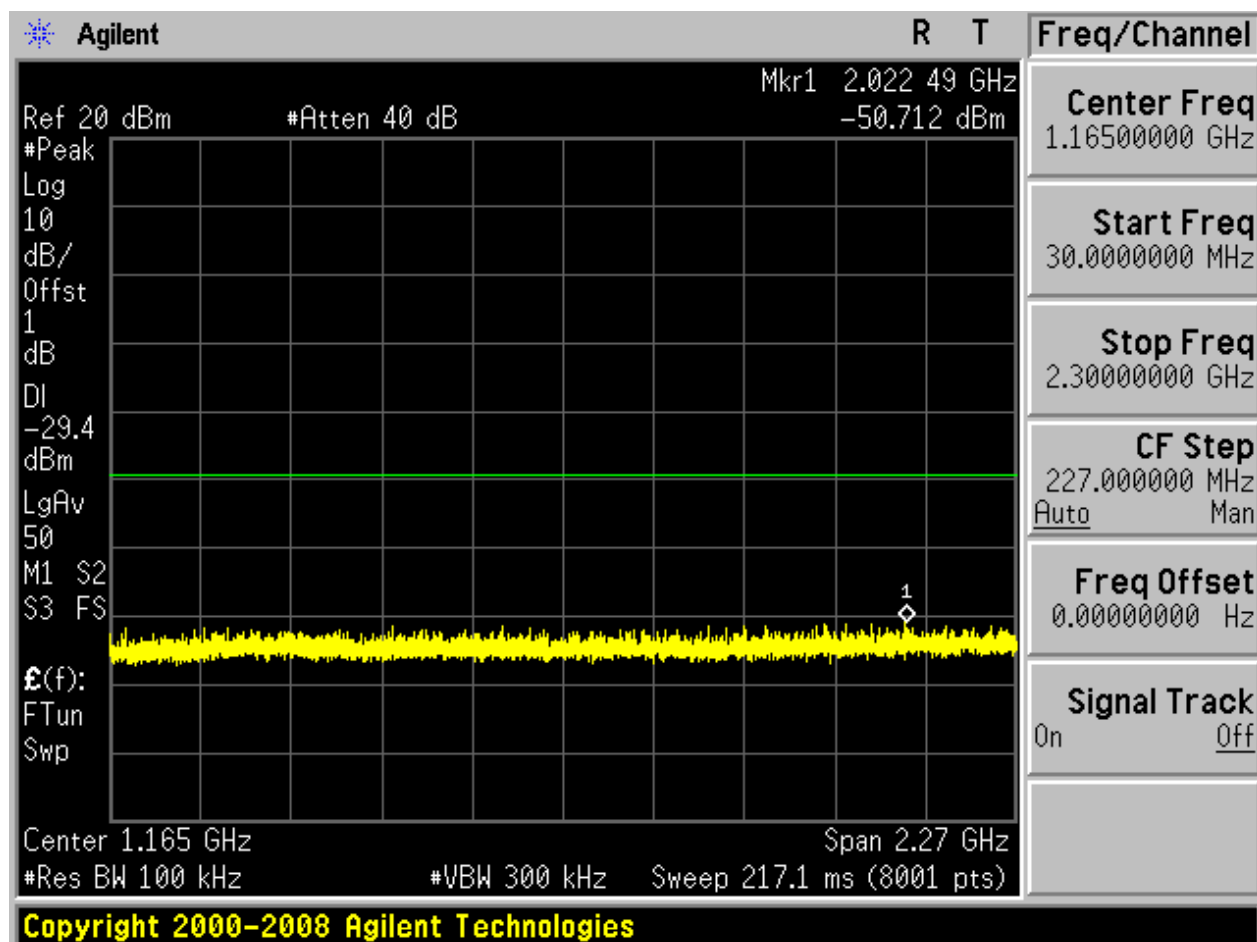


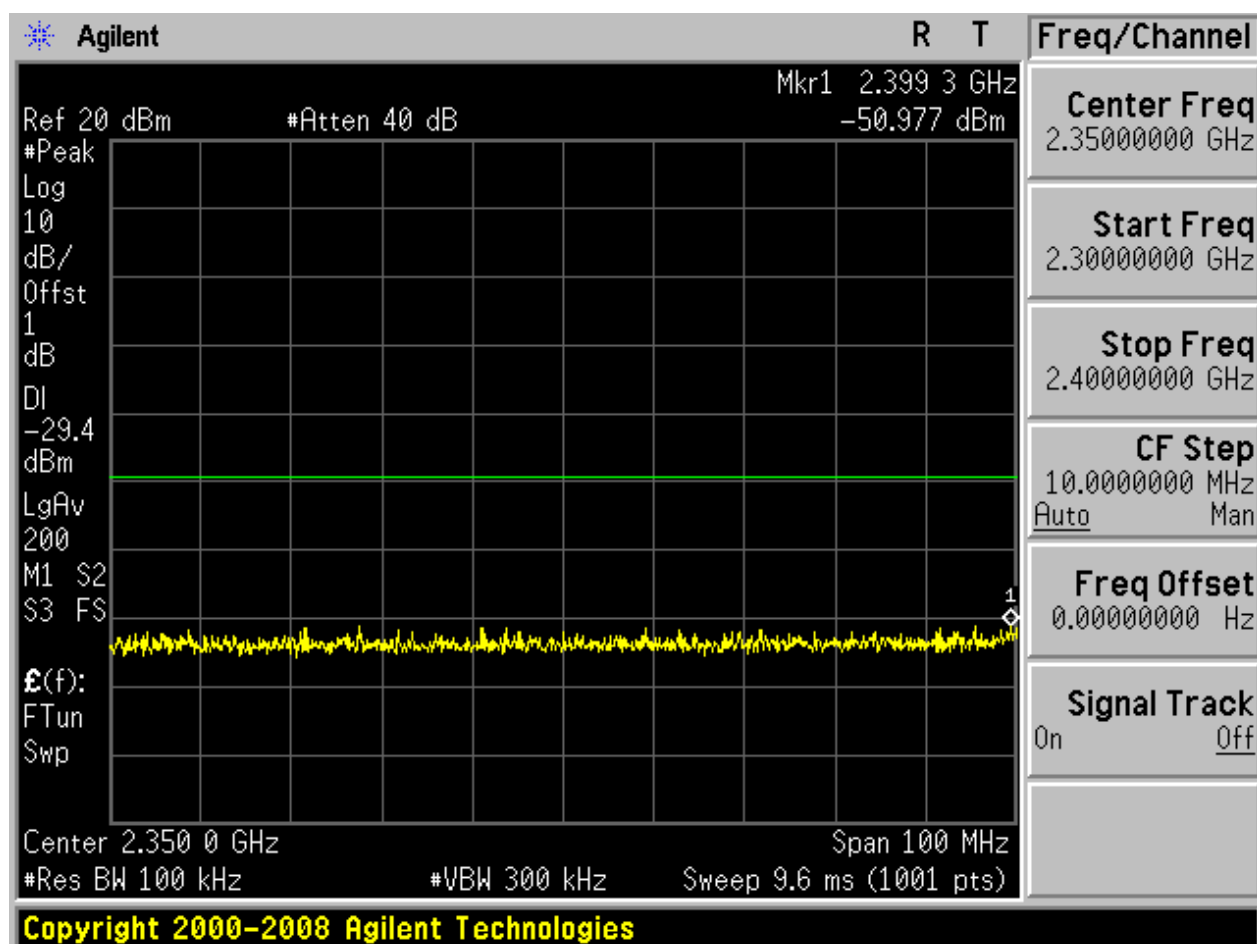


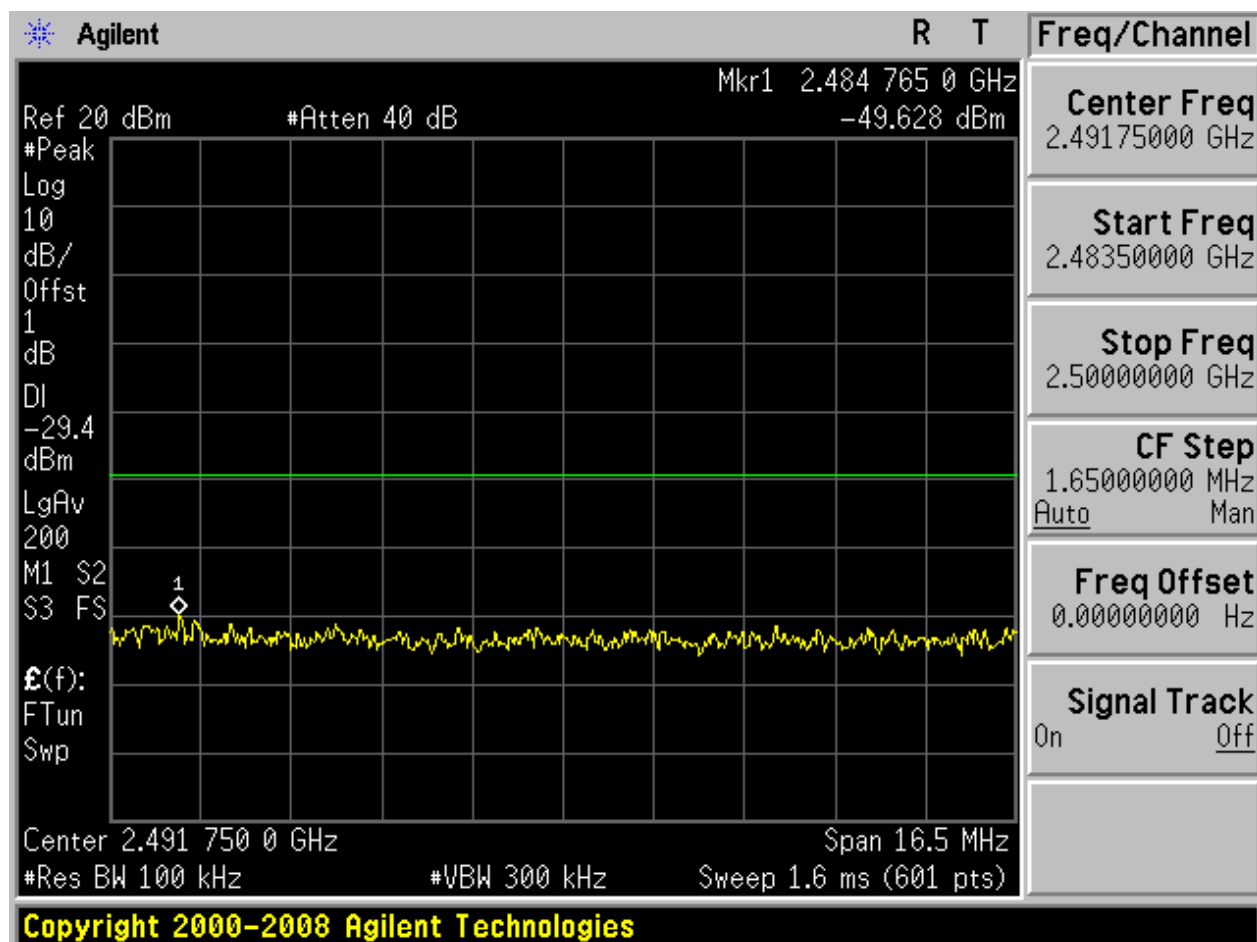
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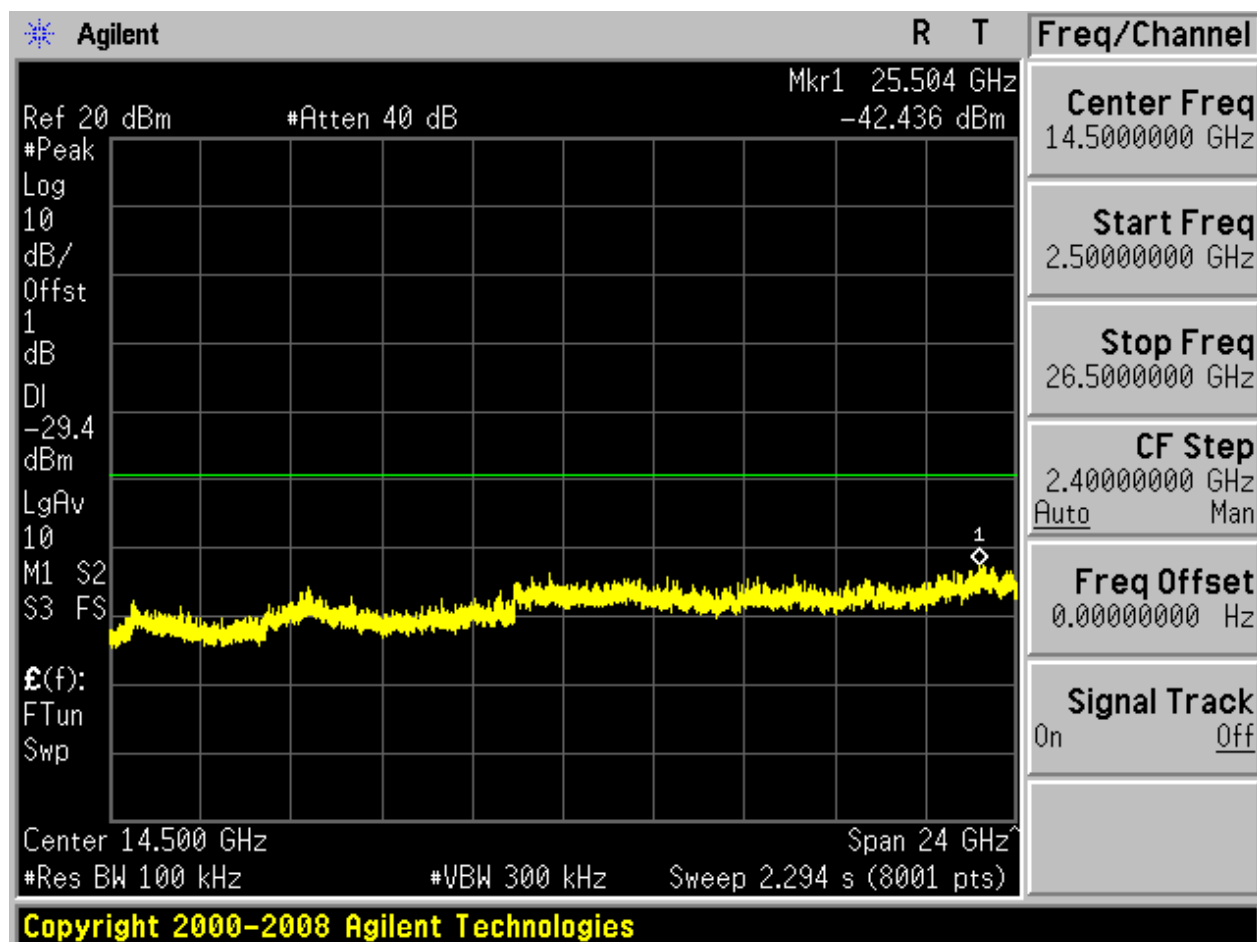






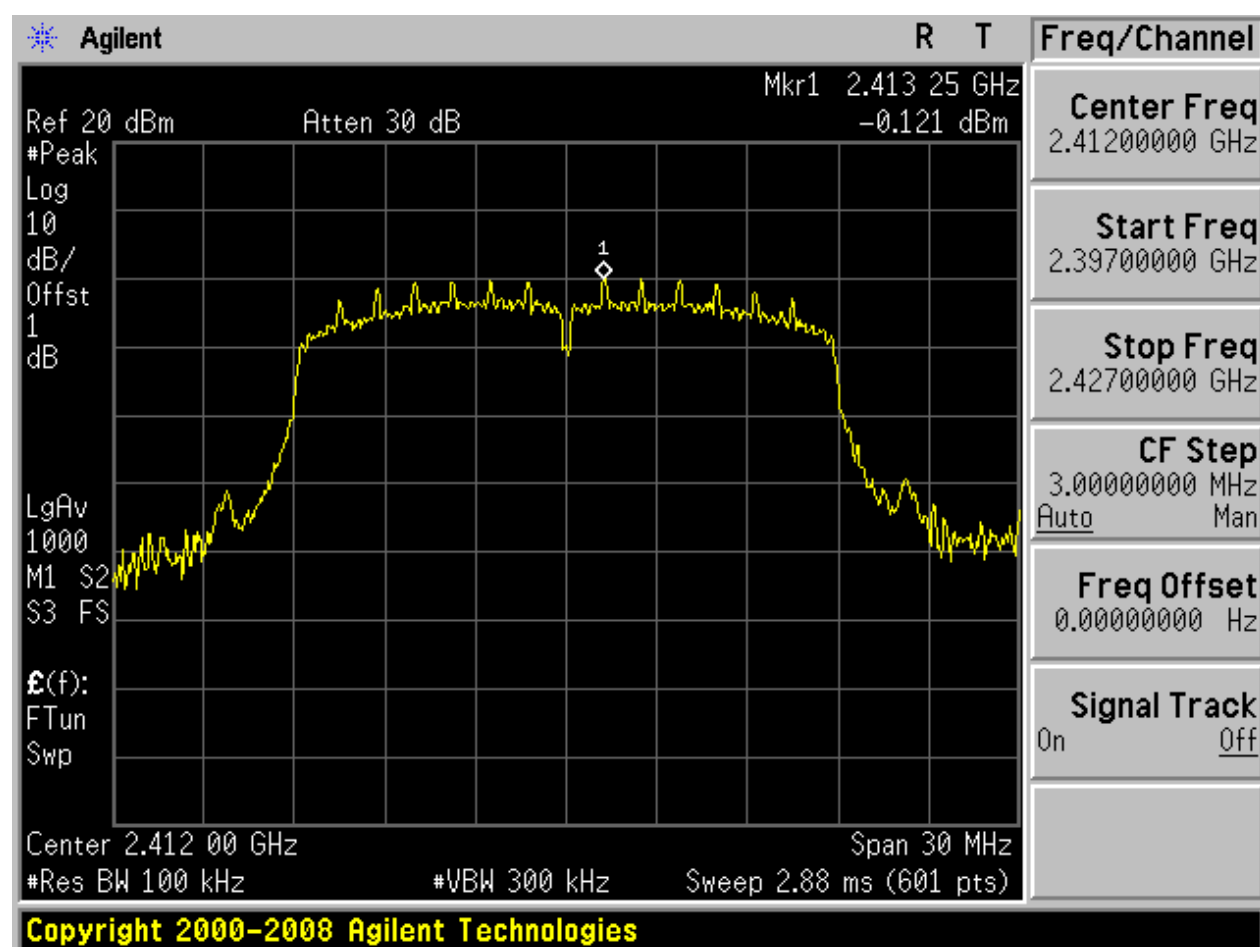






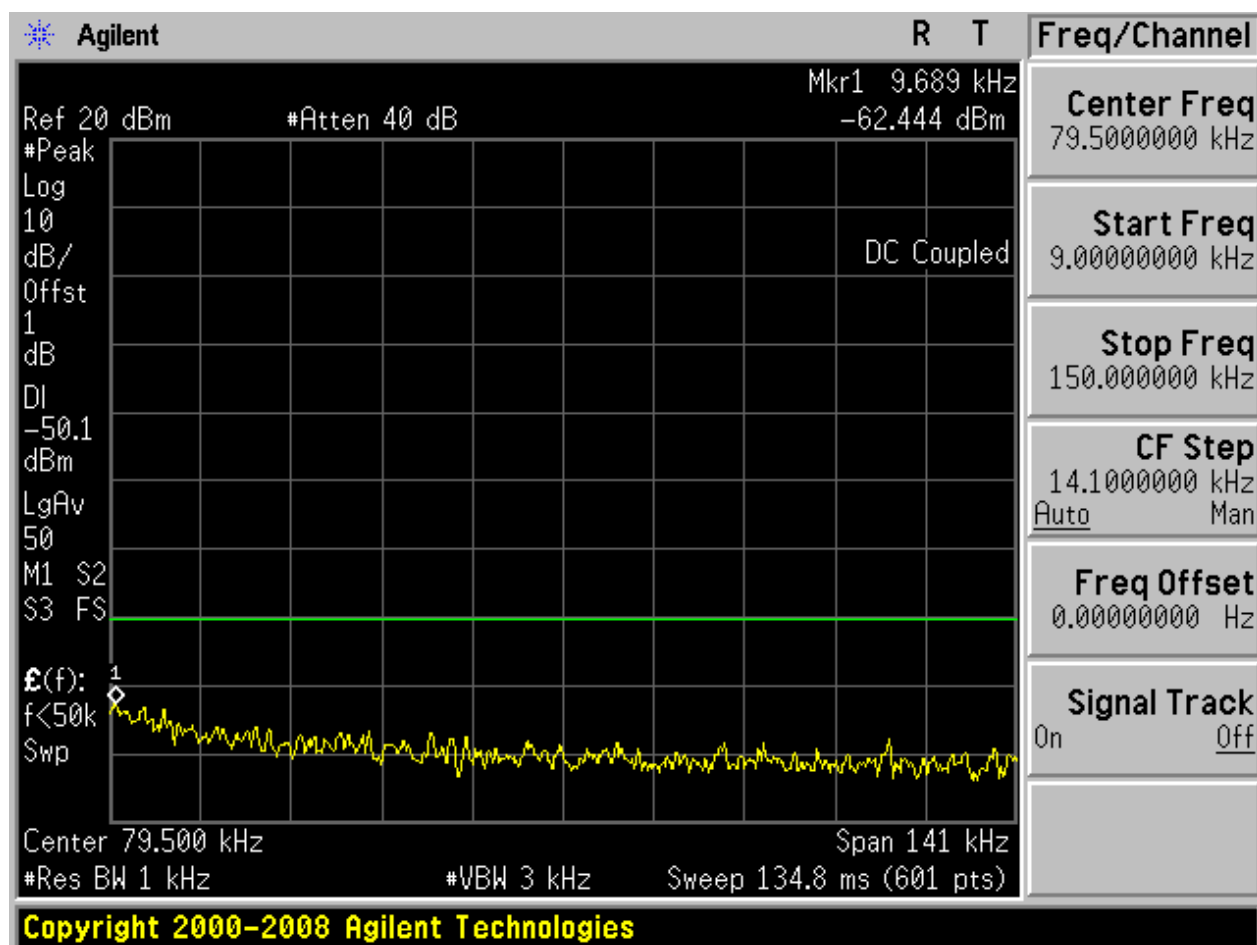
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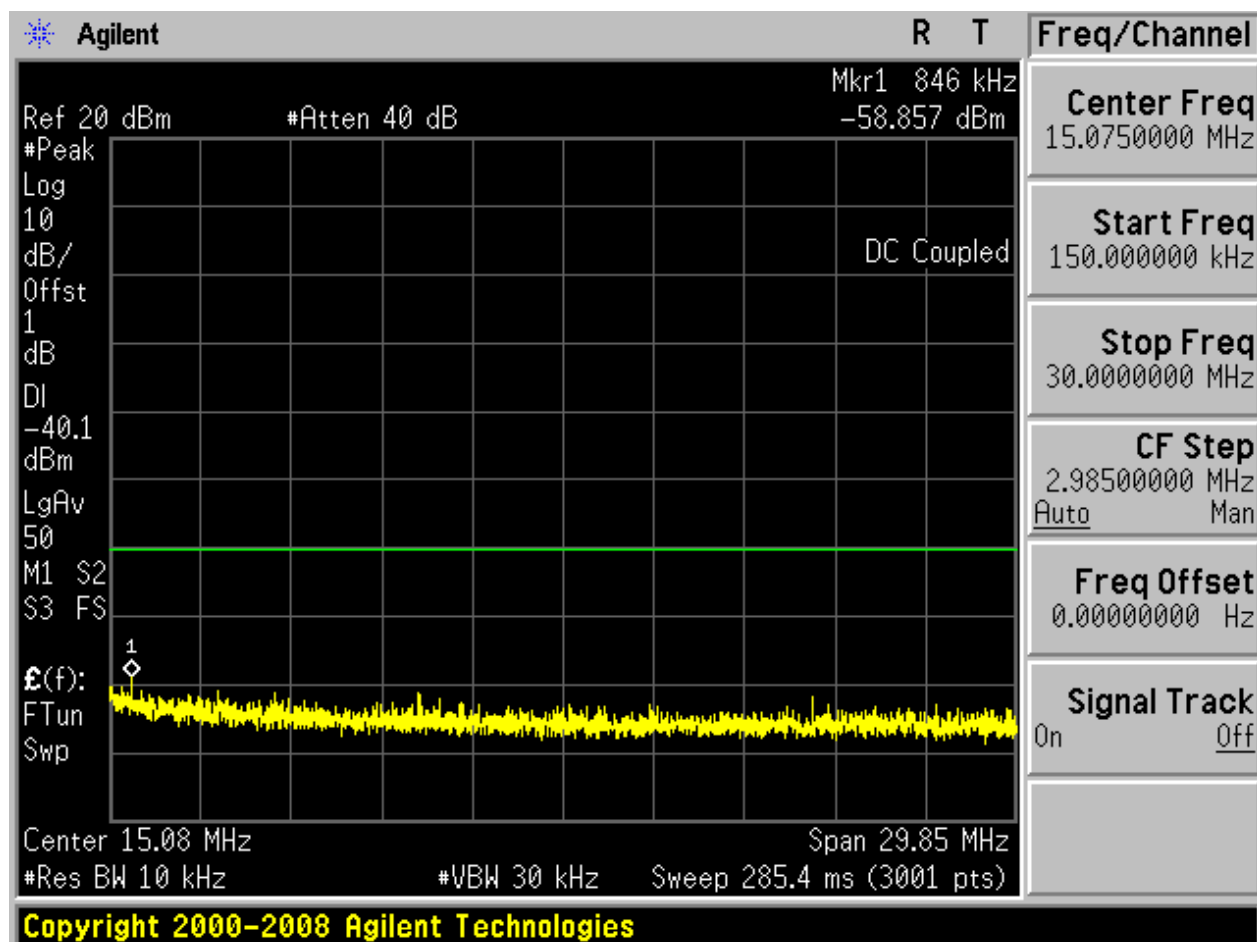
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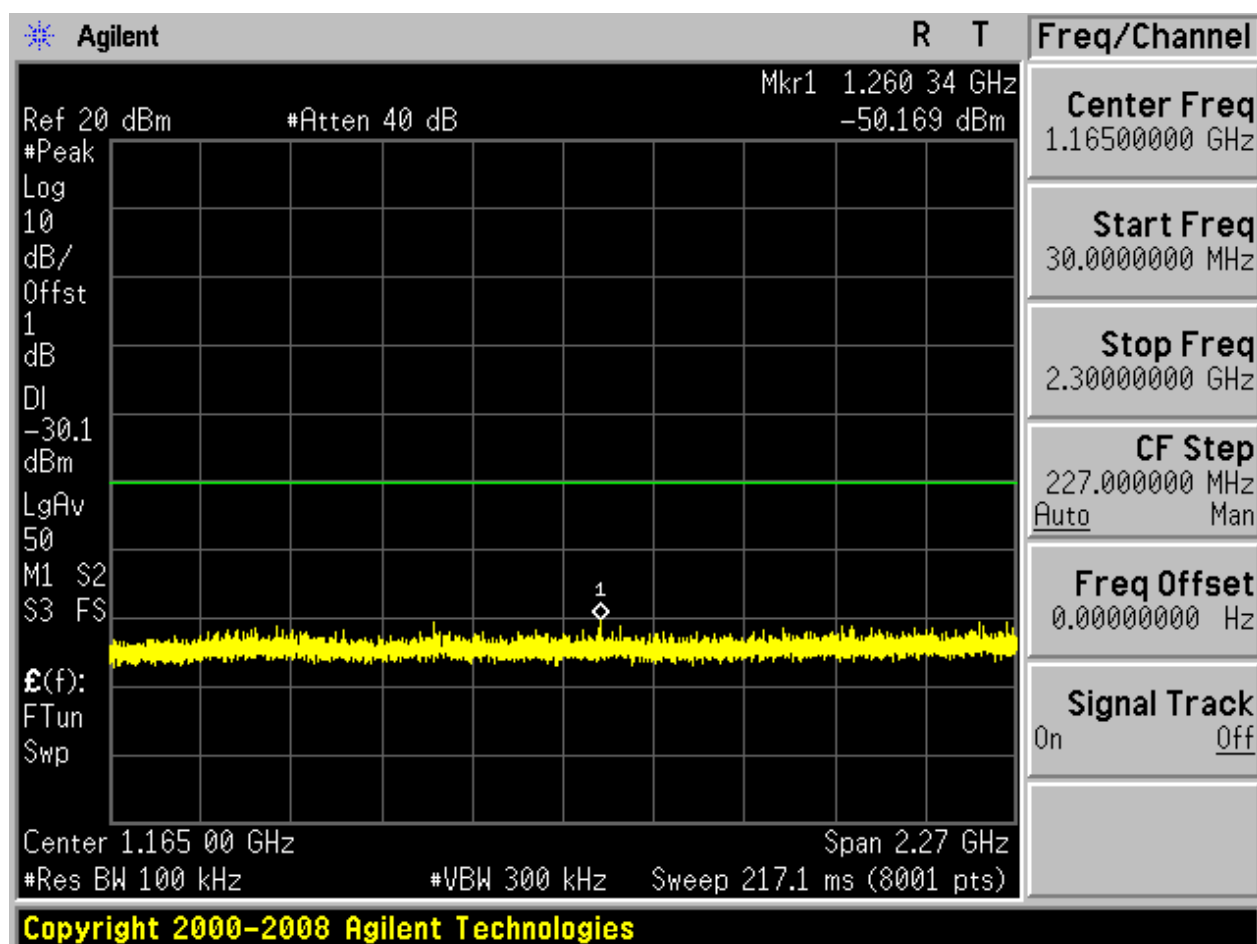


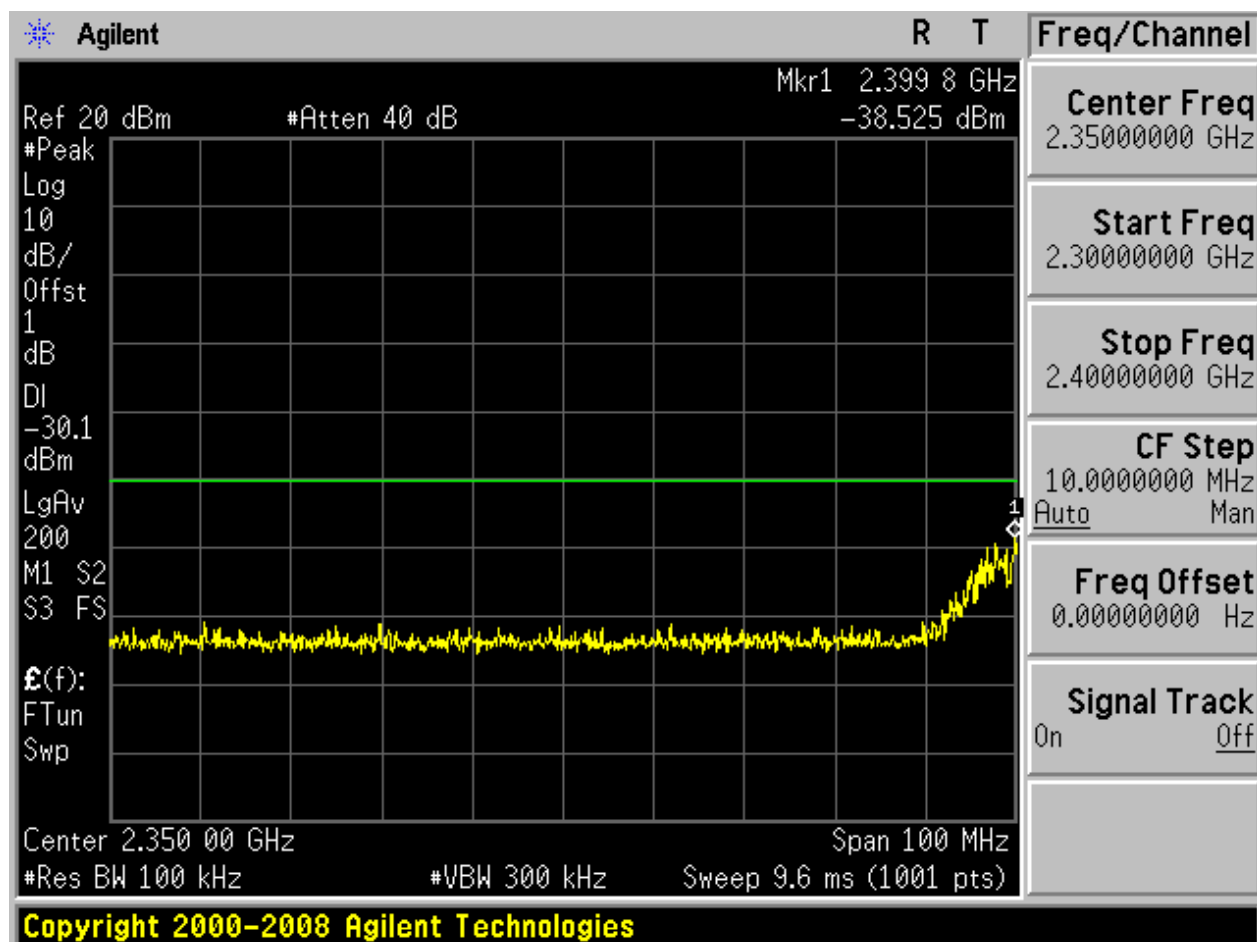


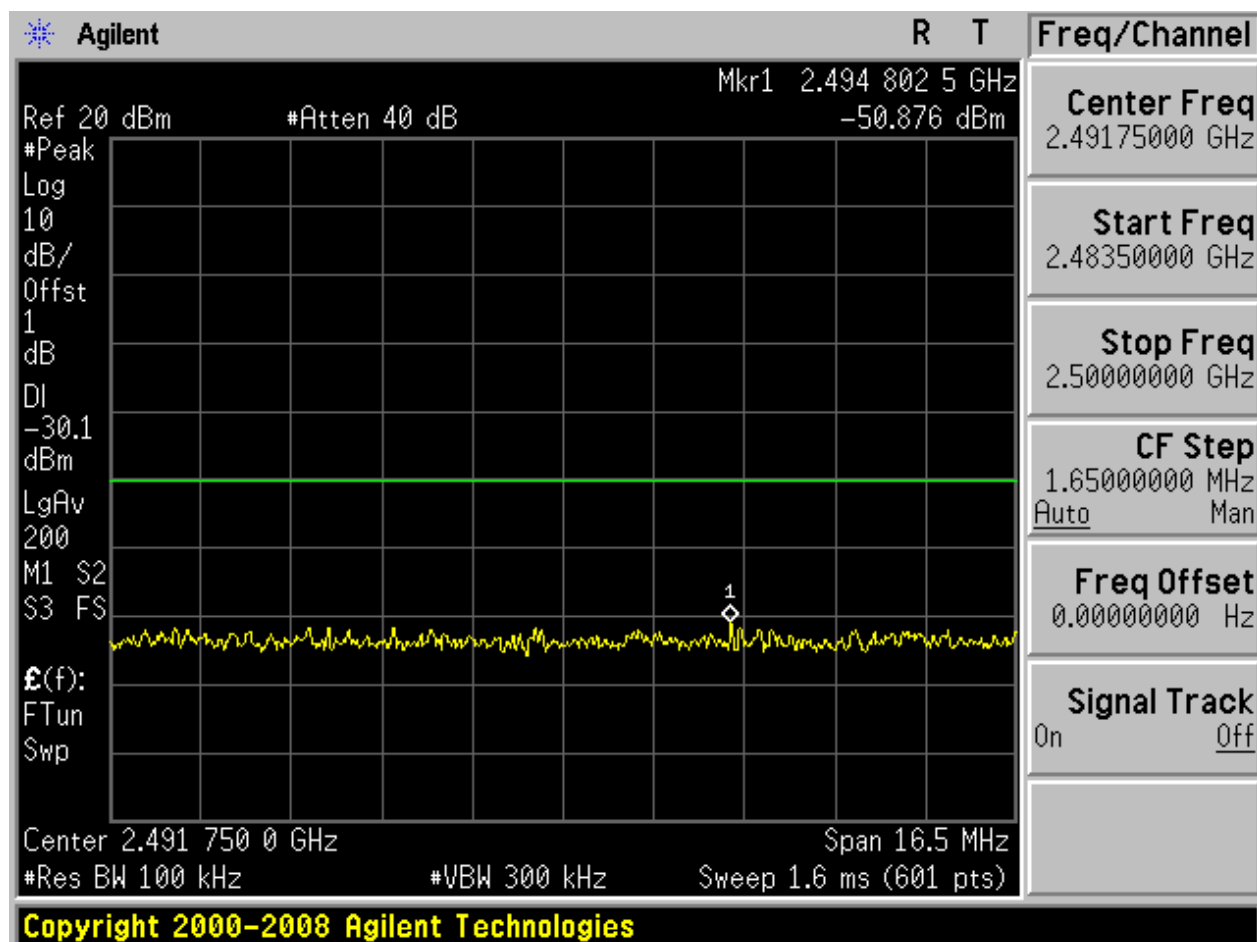
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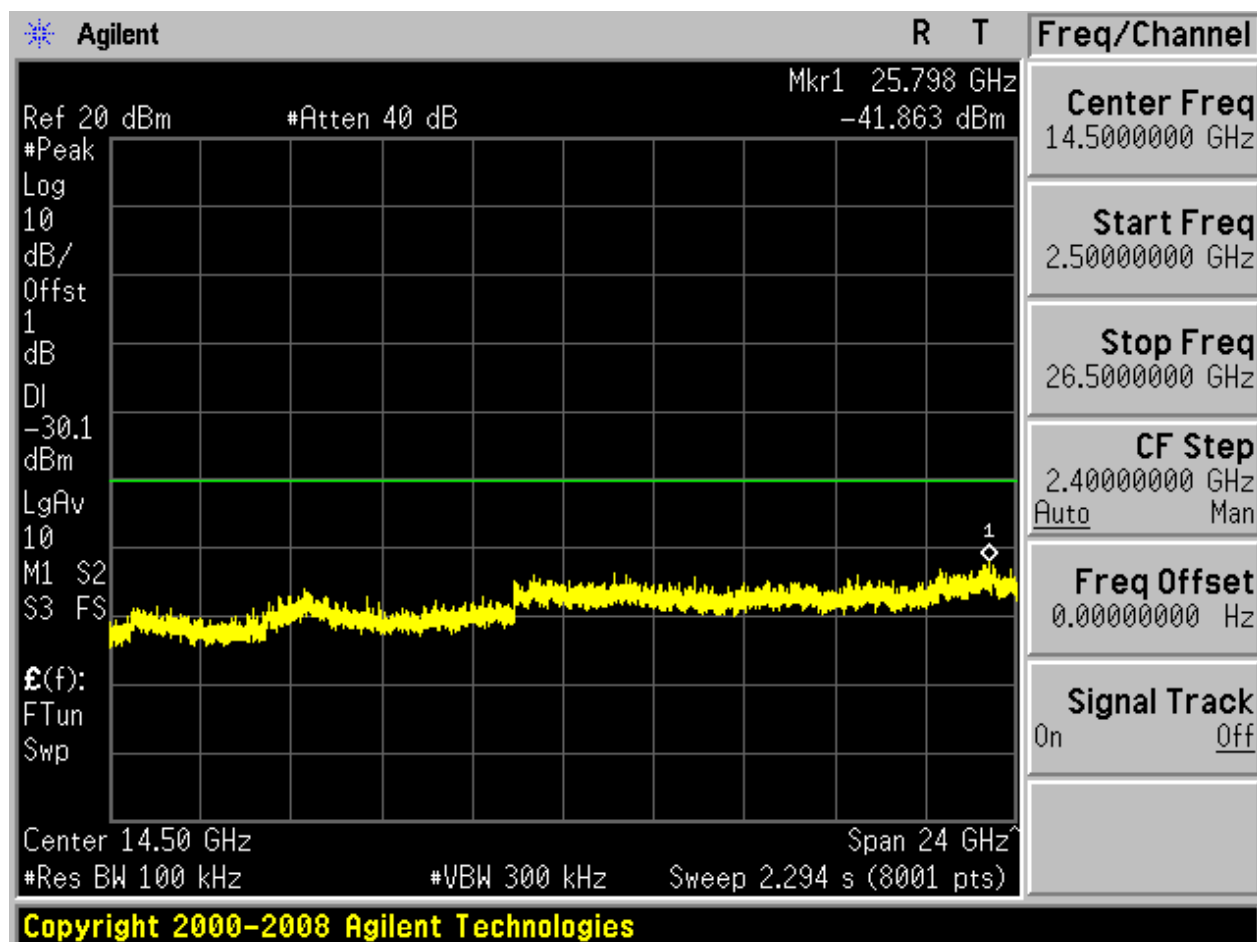






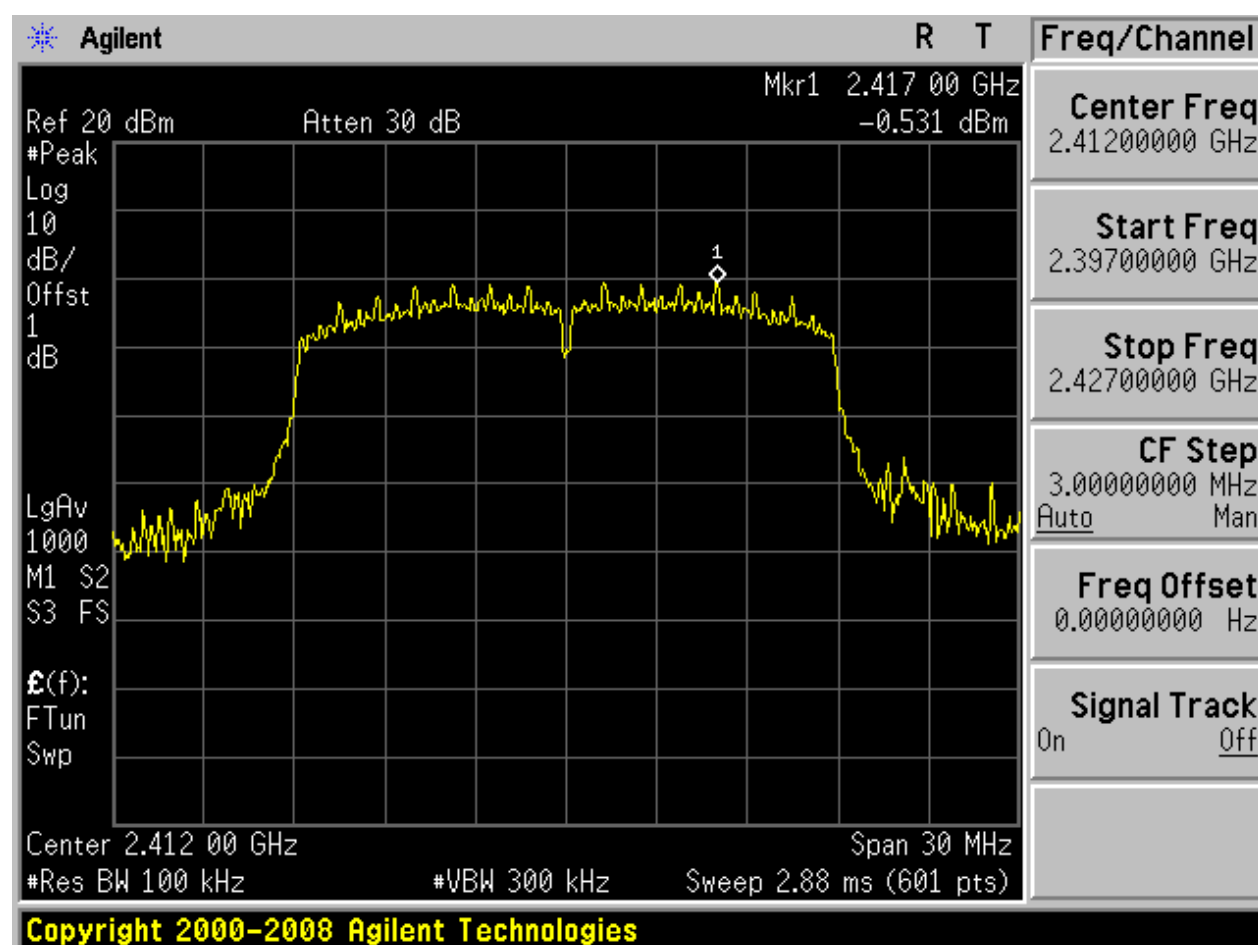




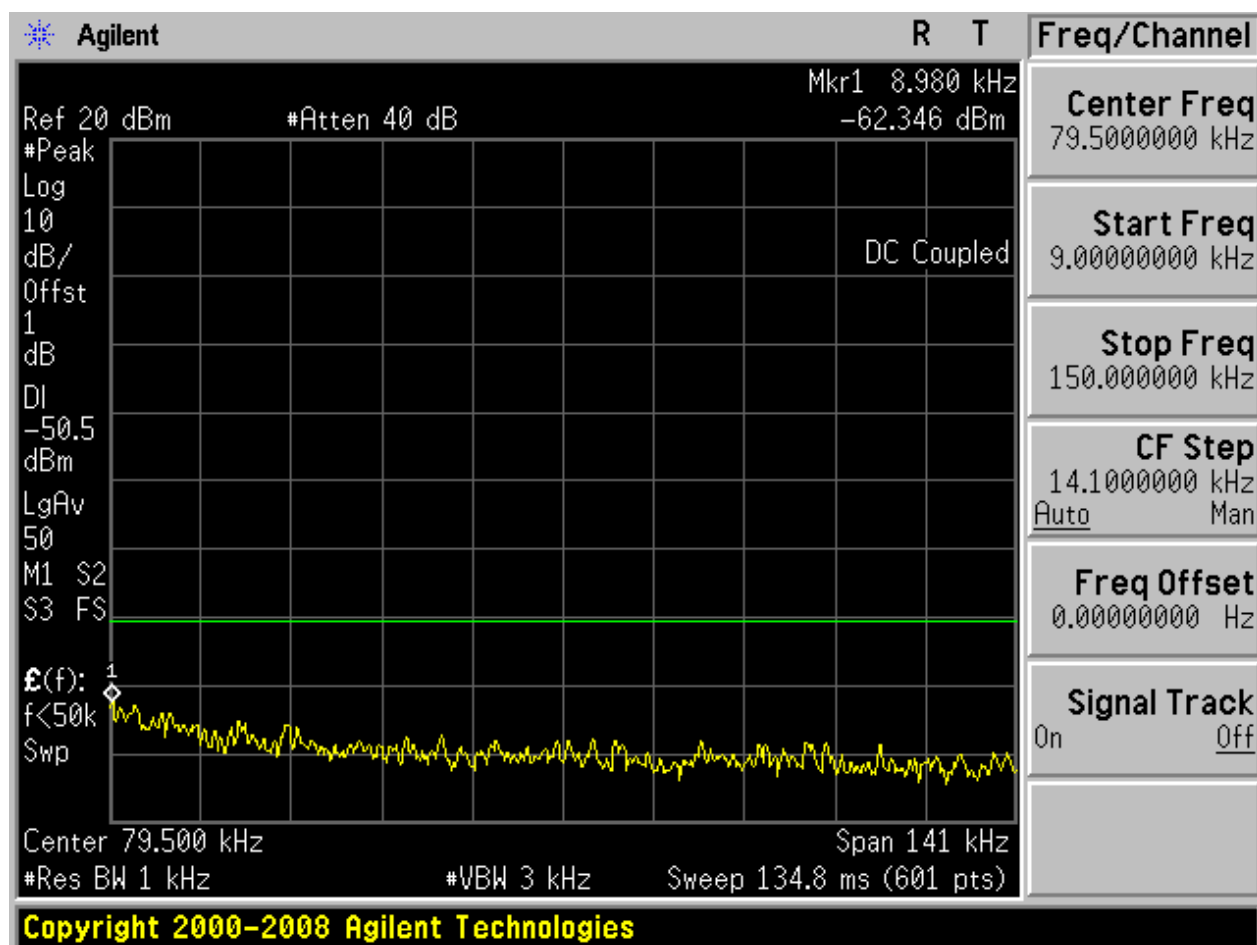


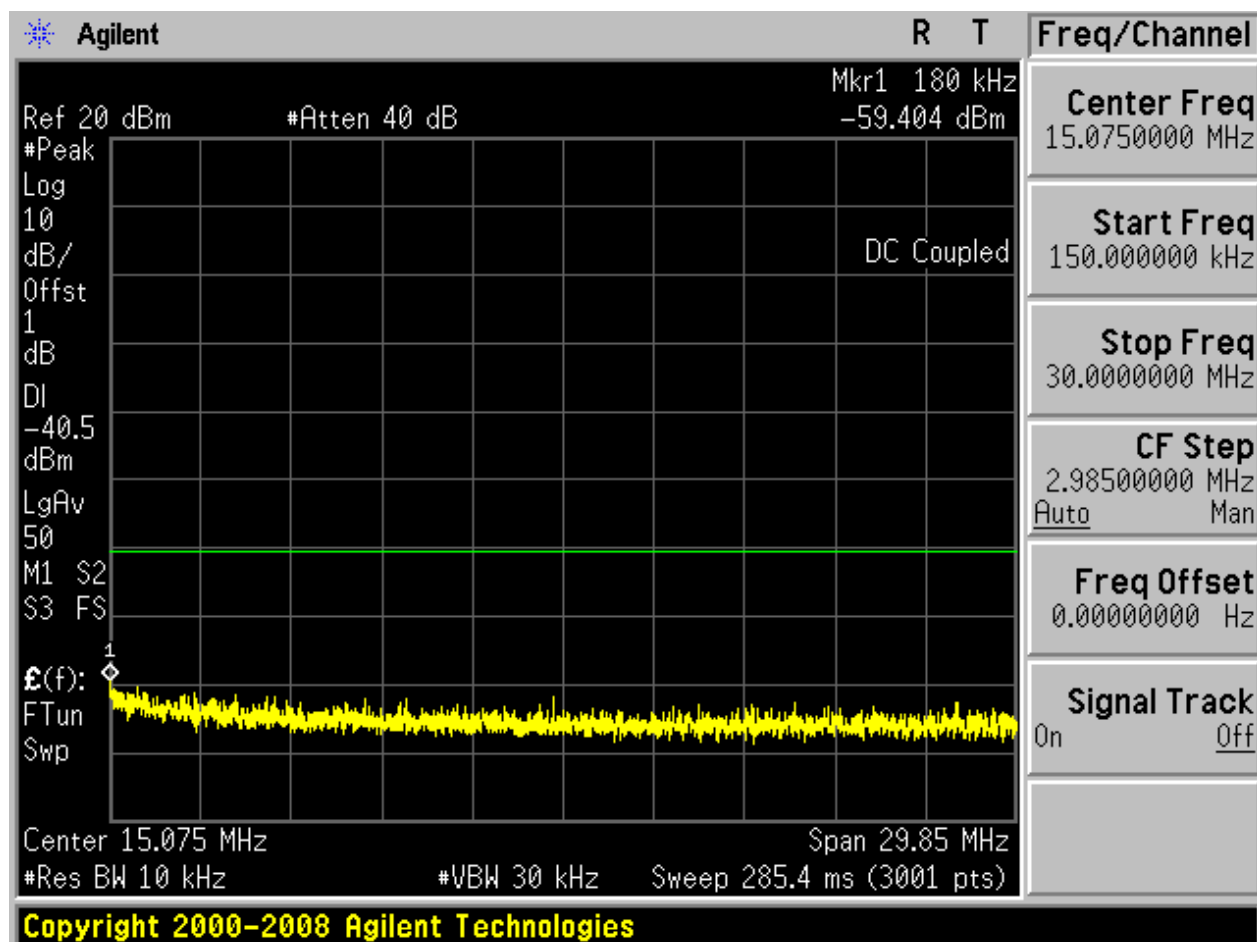
2.14 11N20m_L@Ant 2

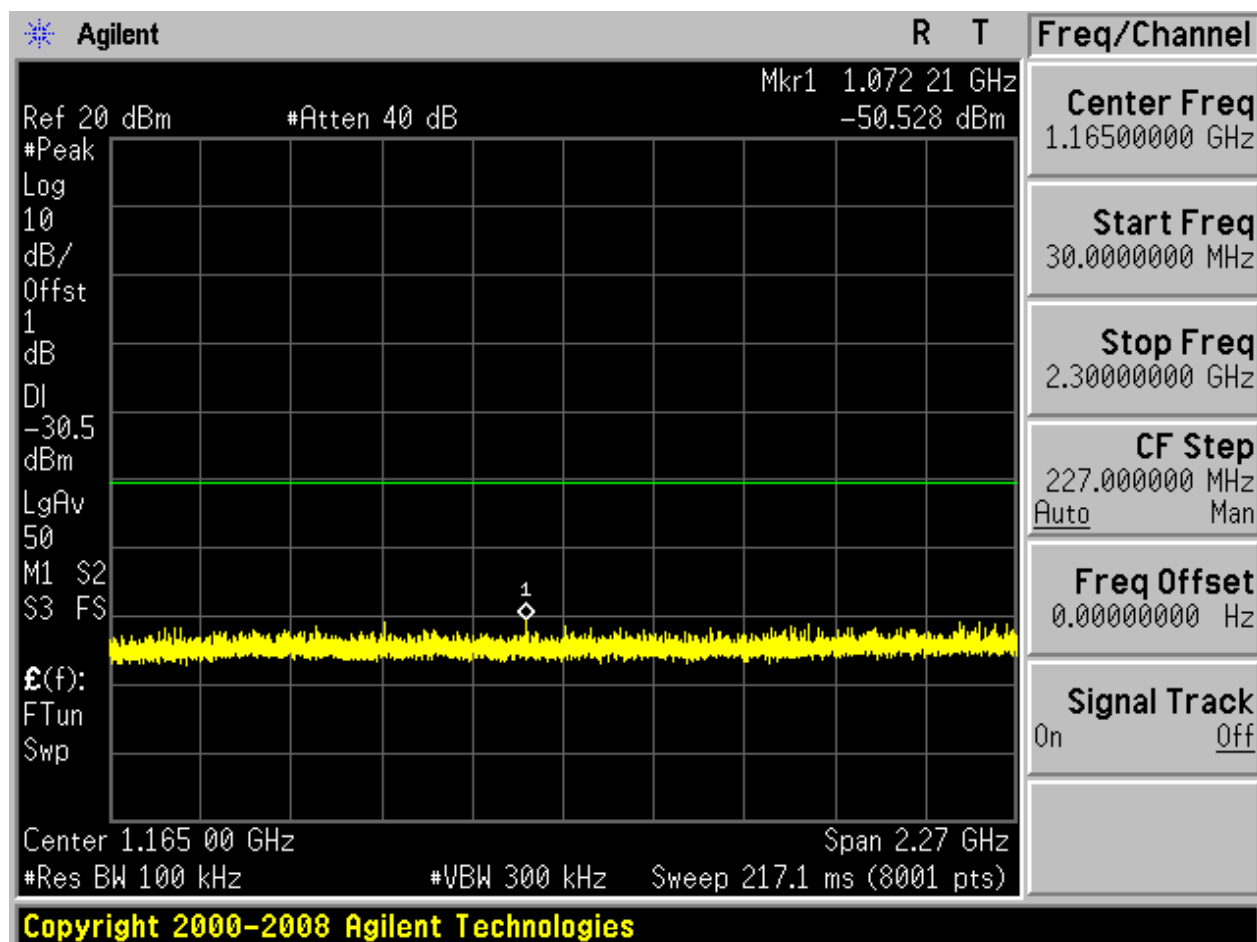
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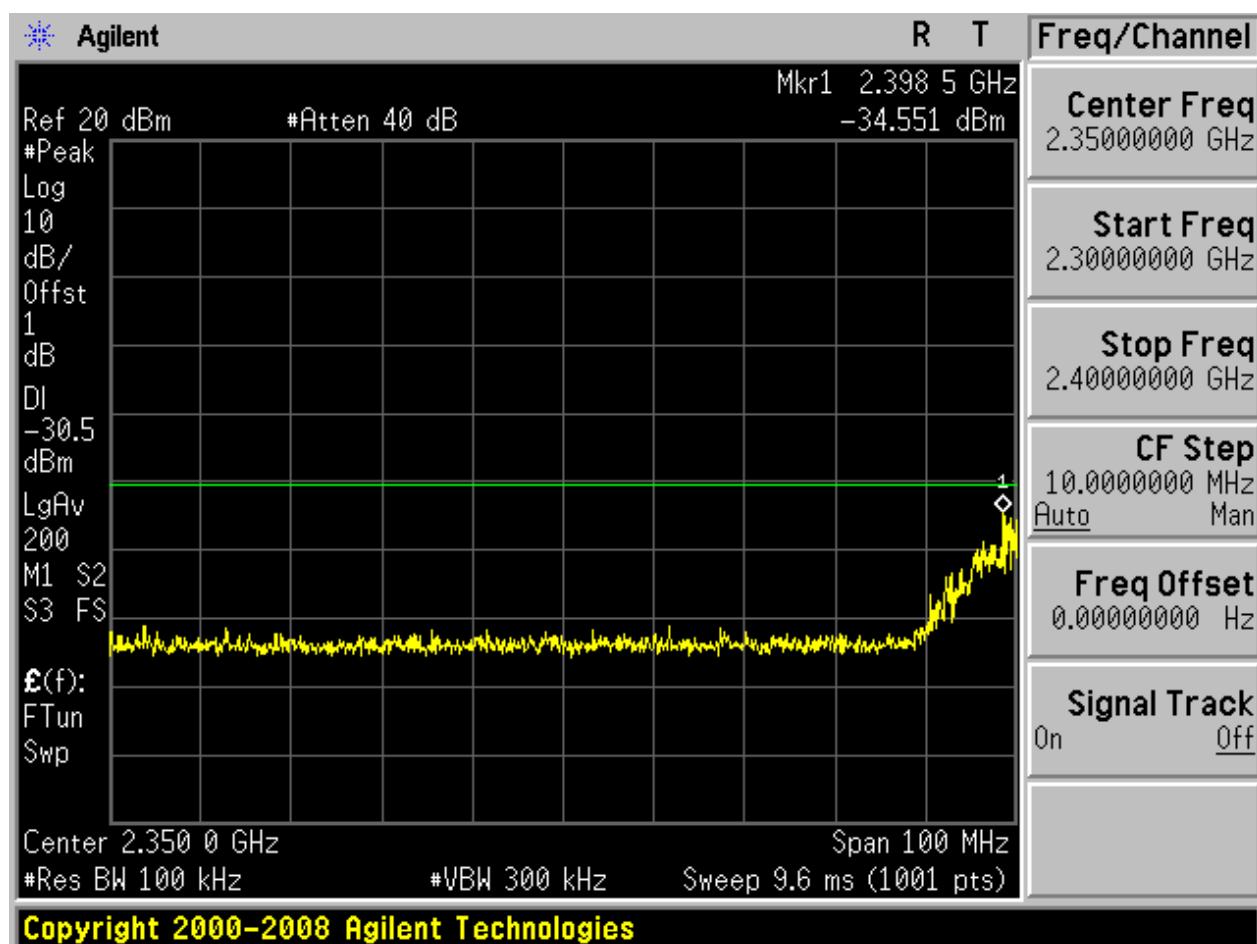


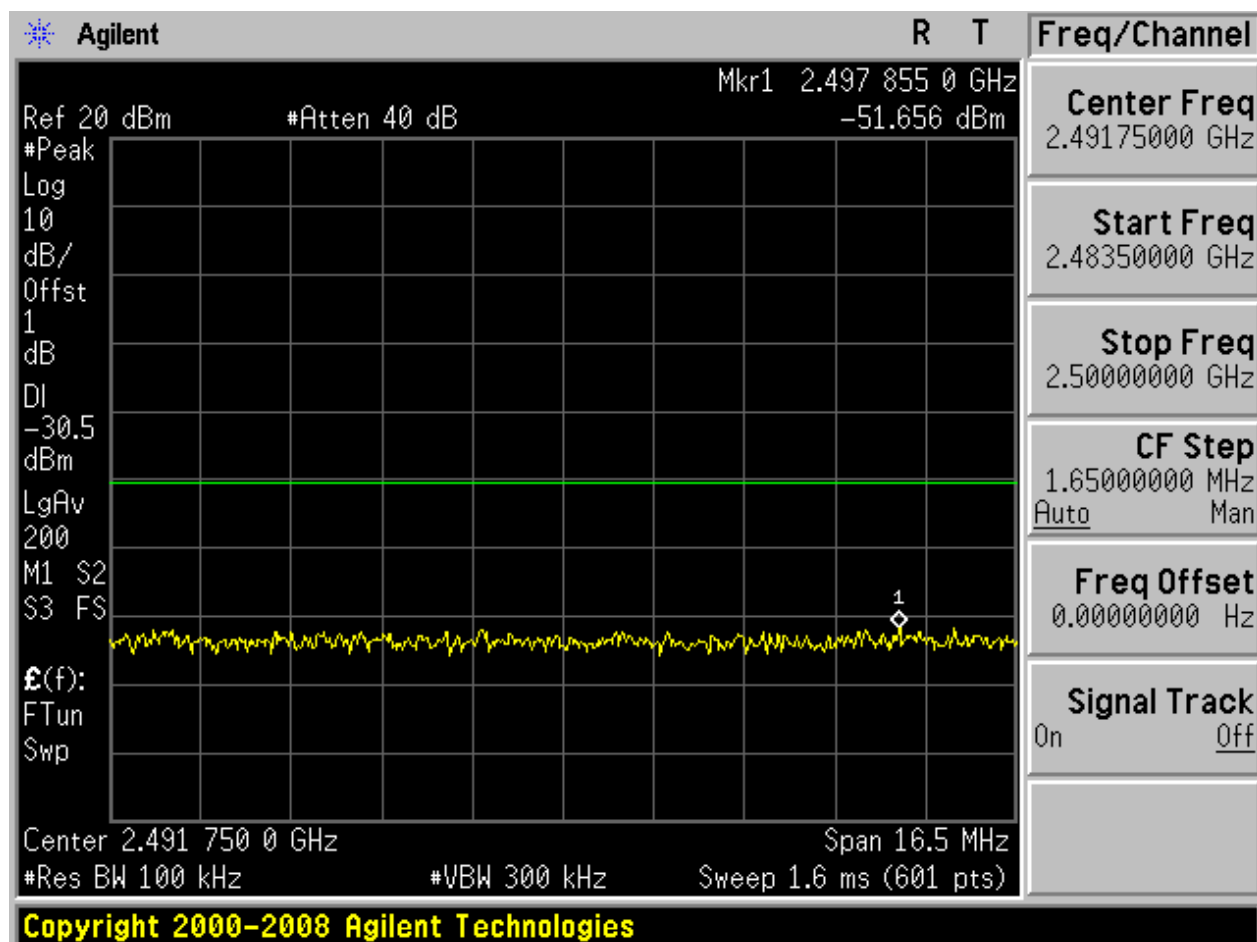
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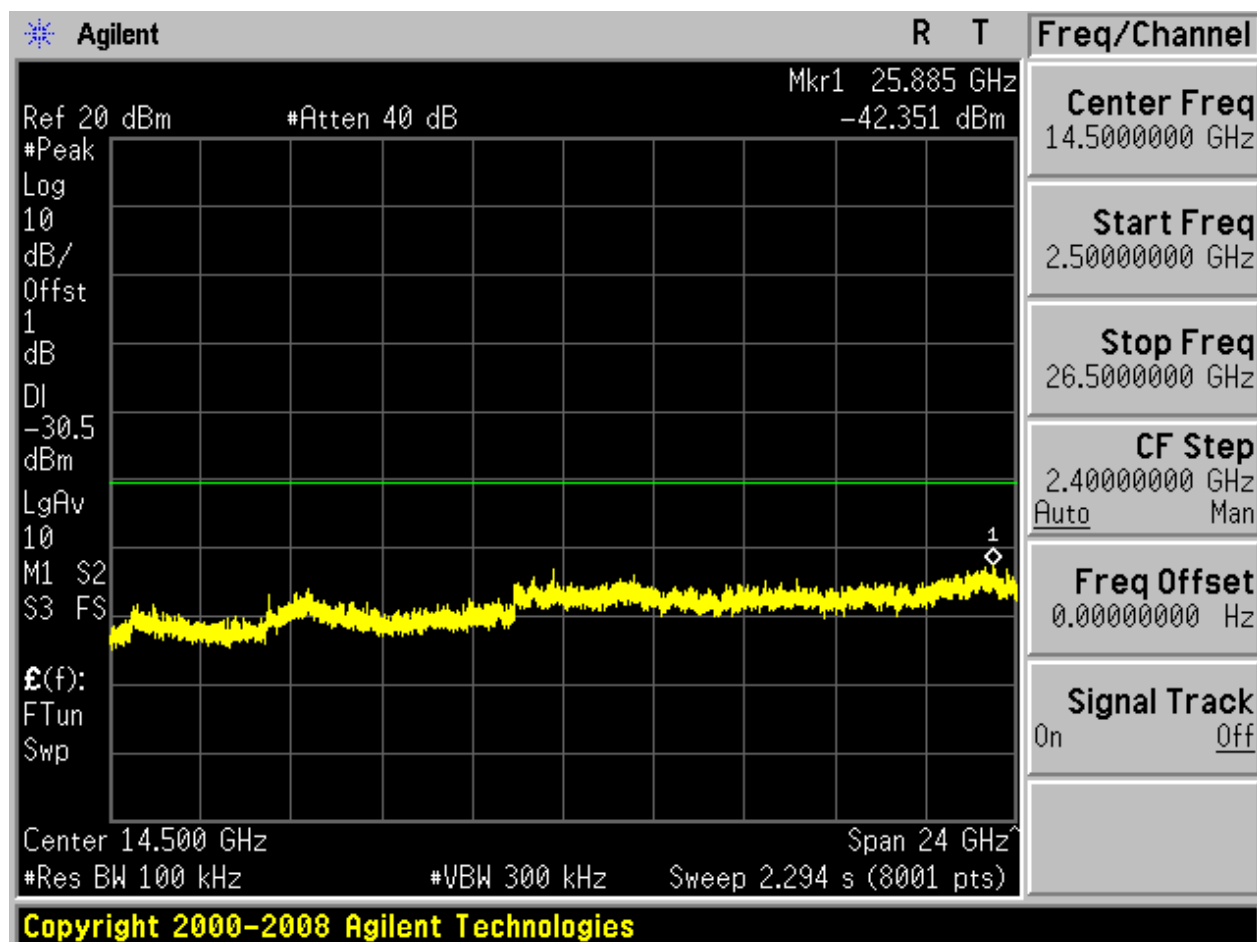






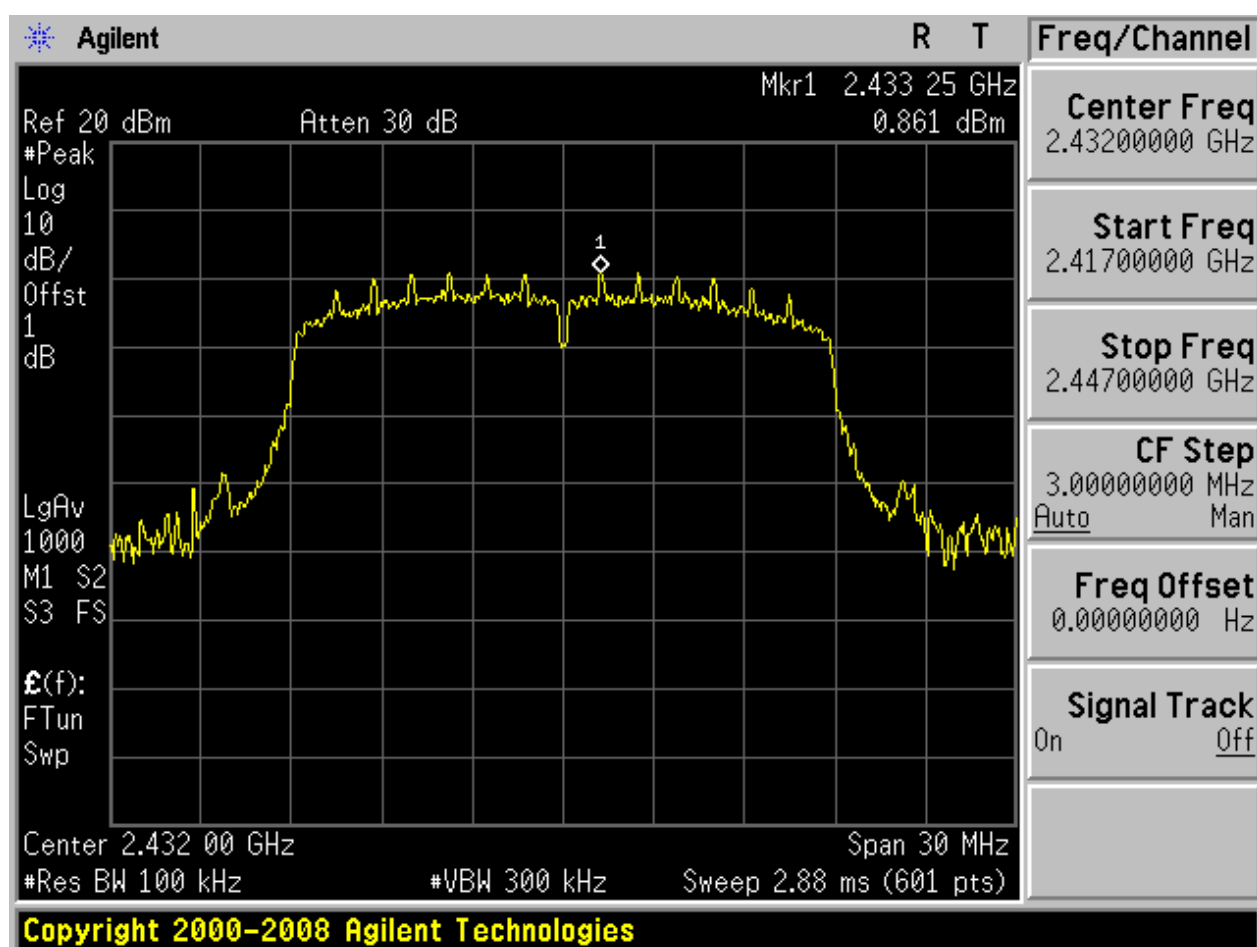




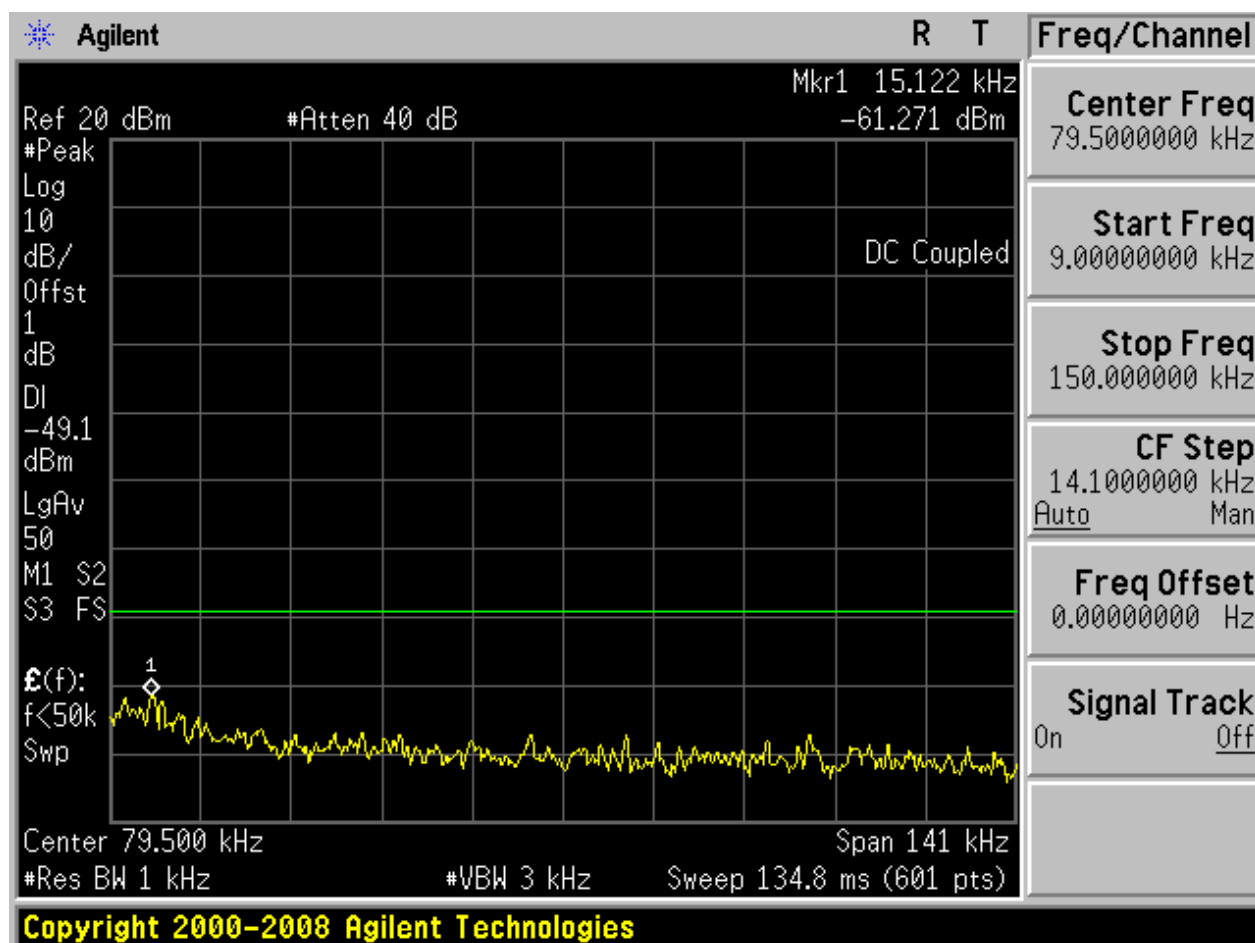


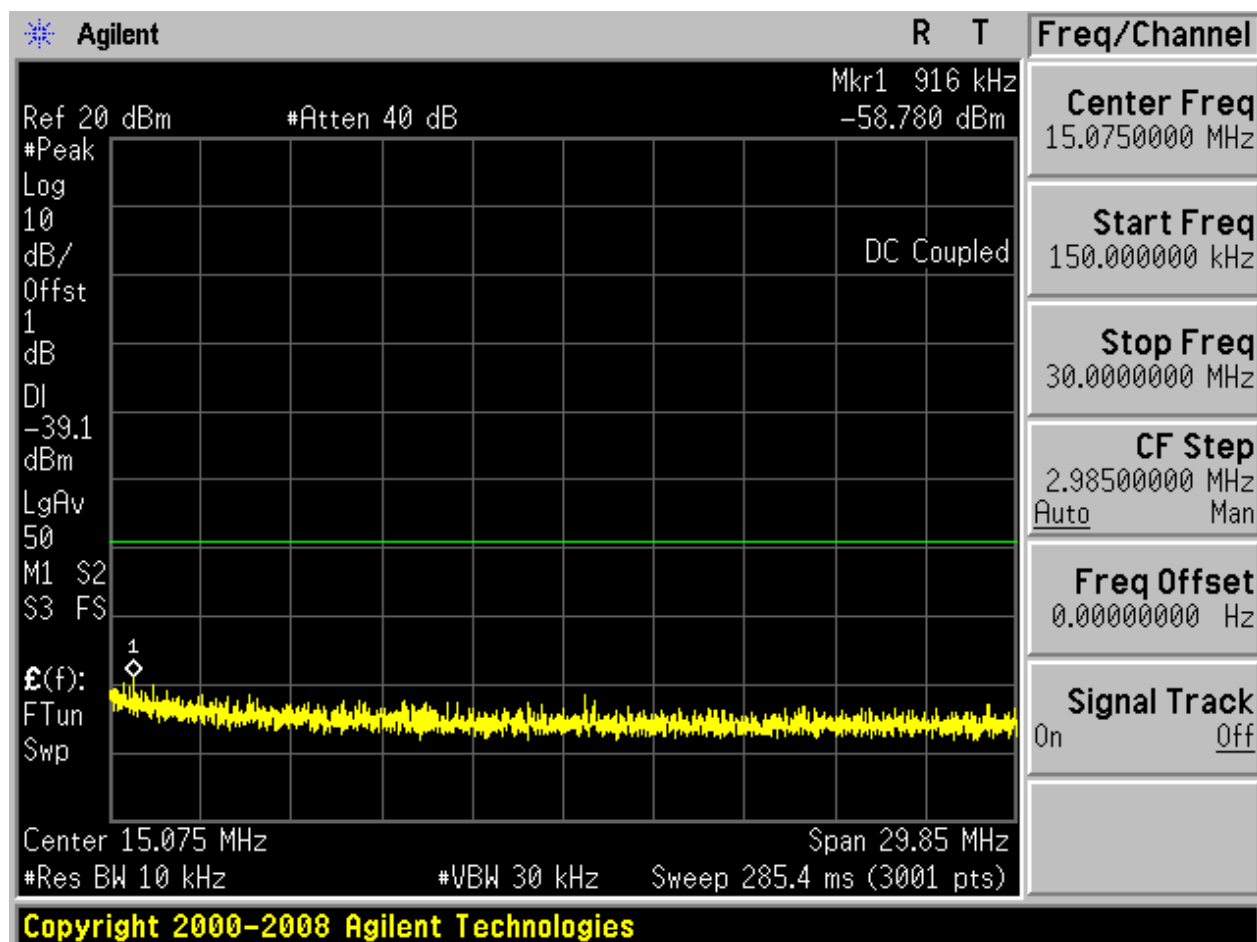
2.15 11N20m_M@Ant 1

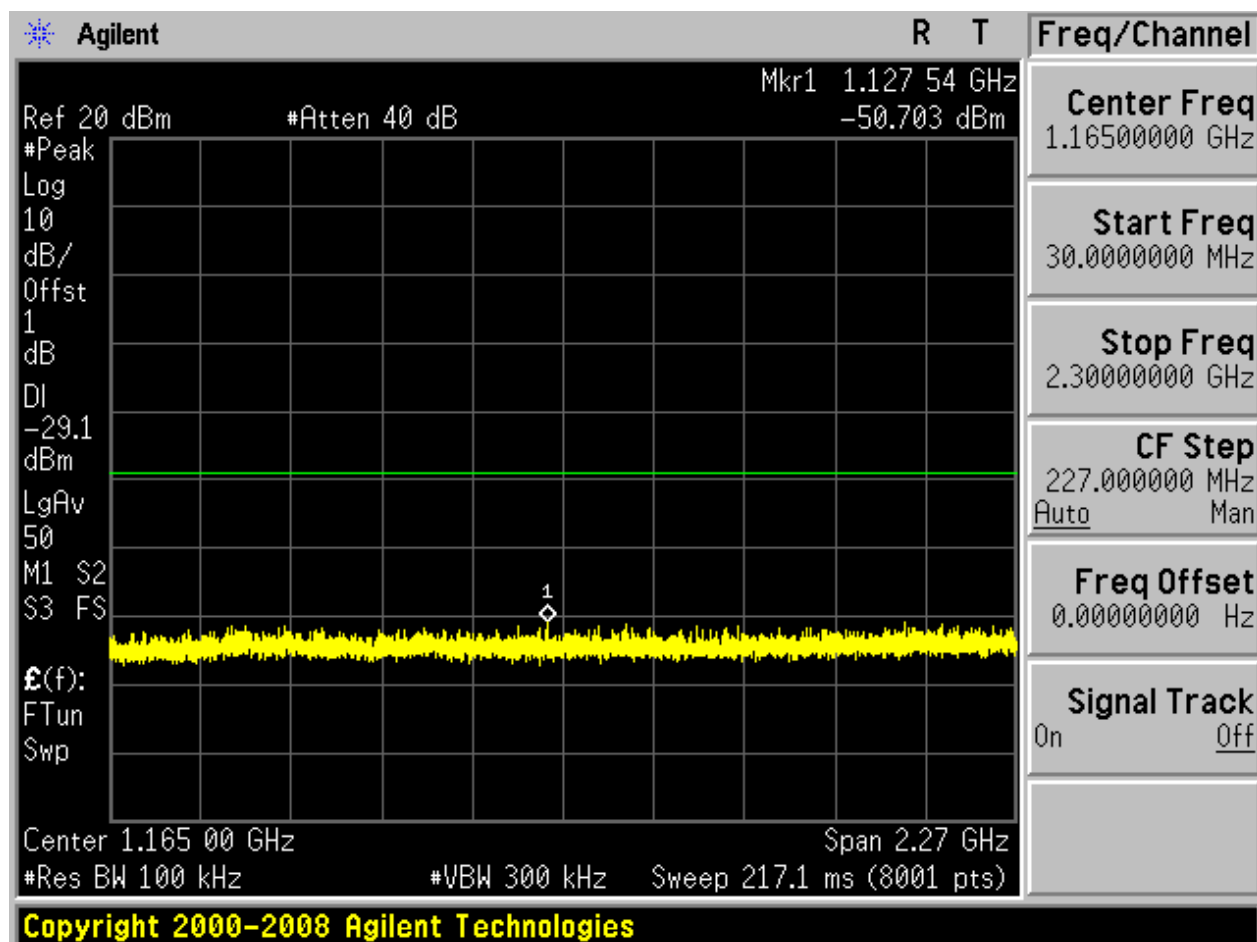
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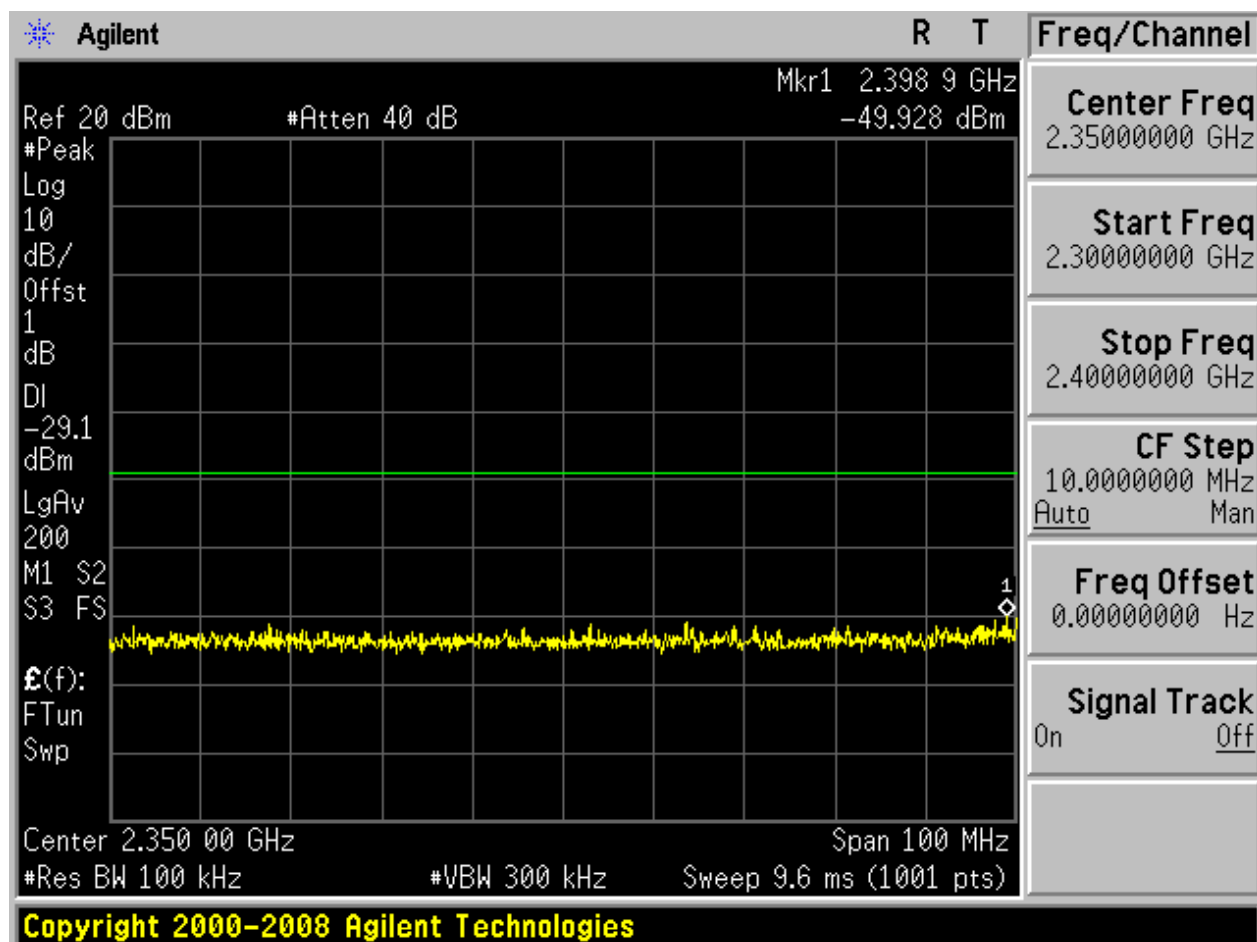


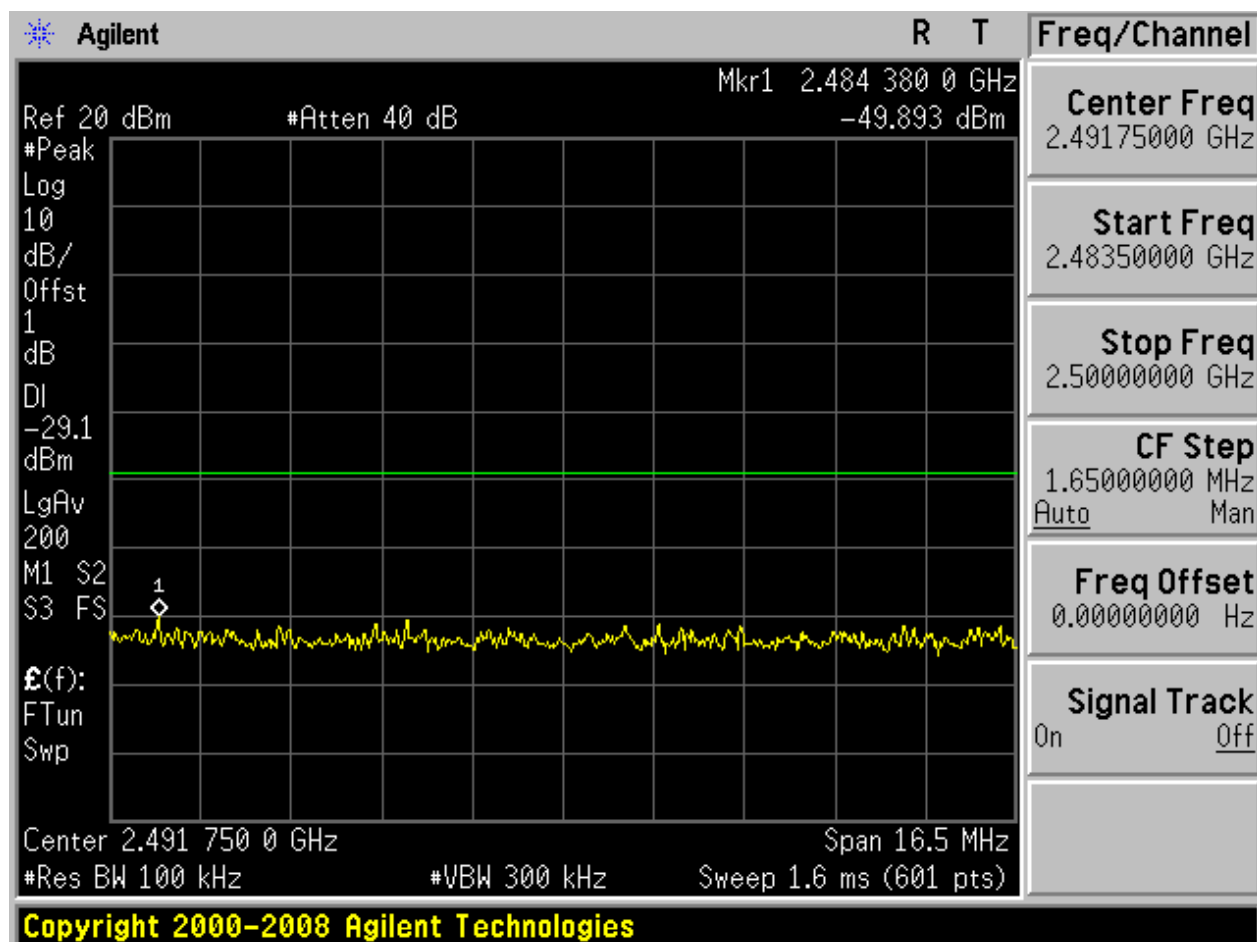
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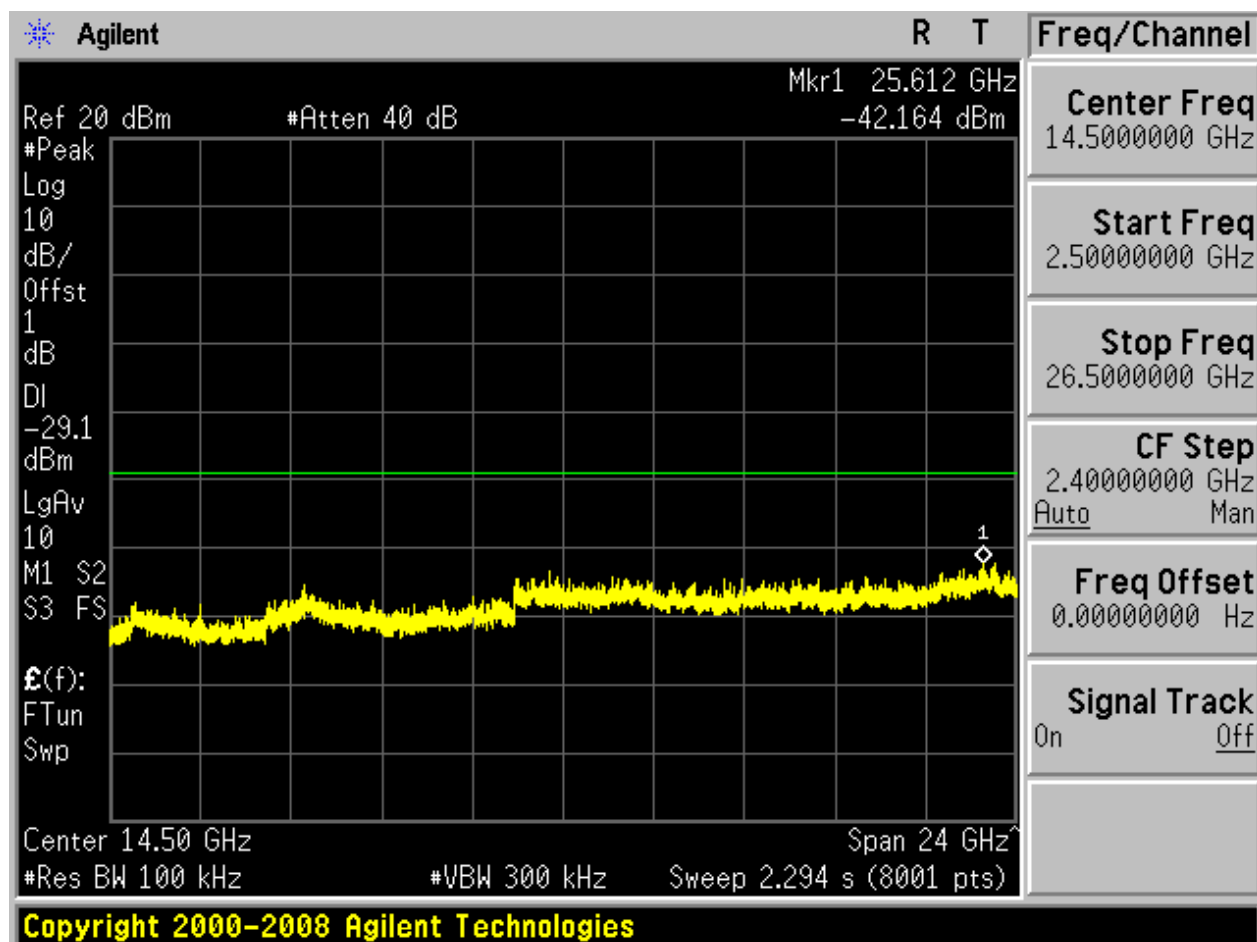






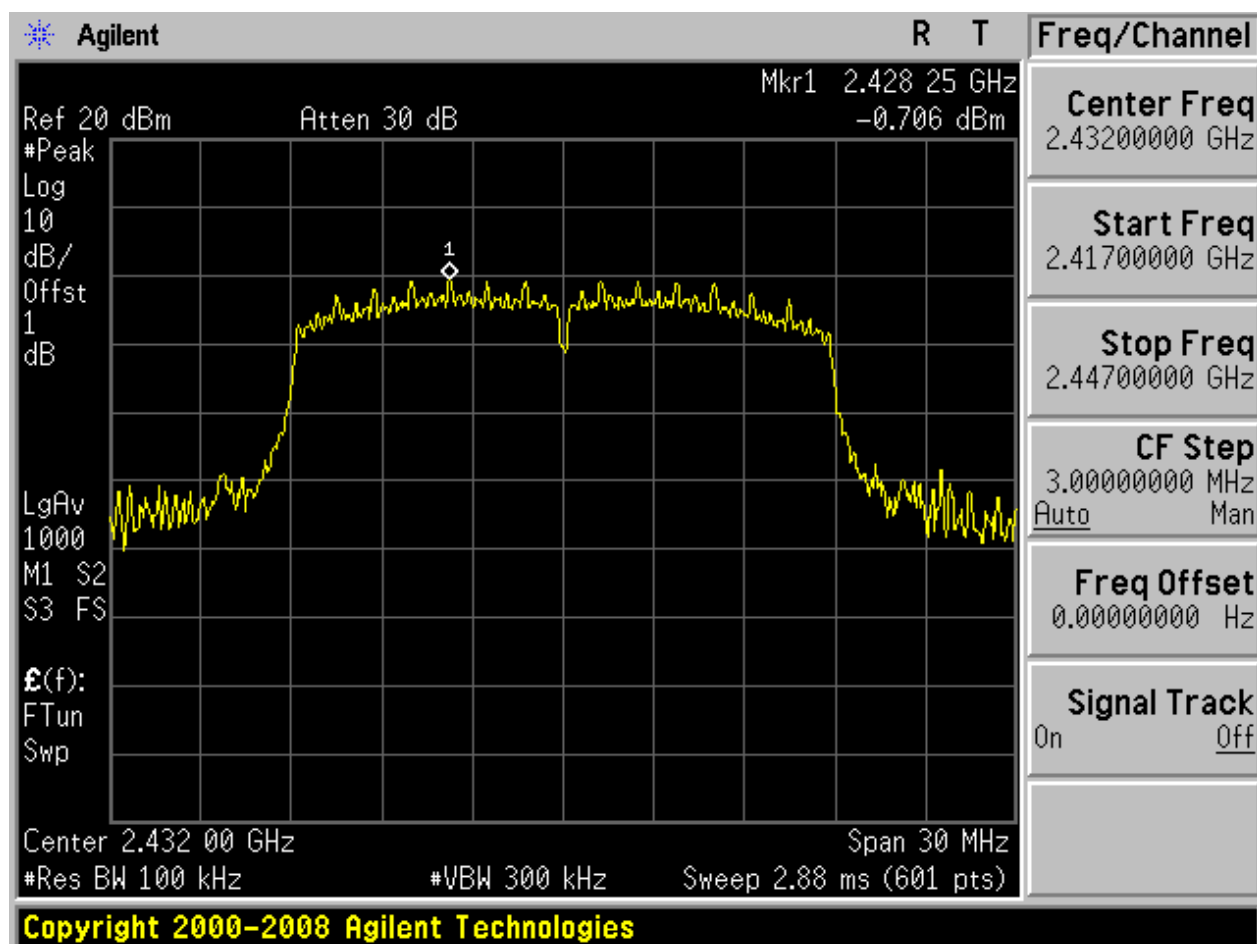






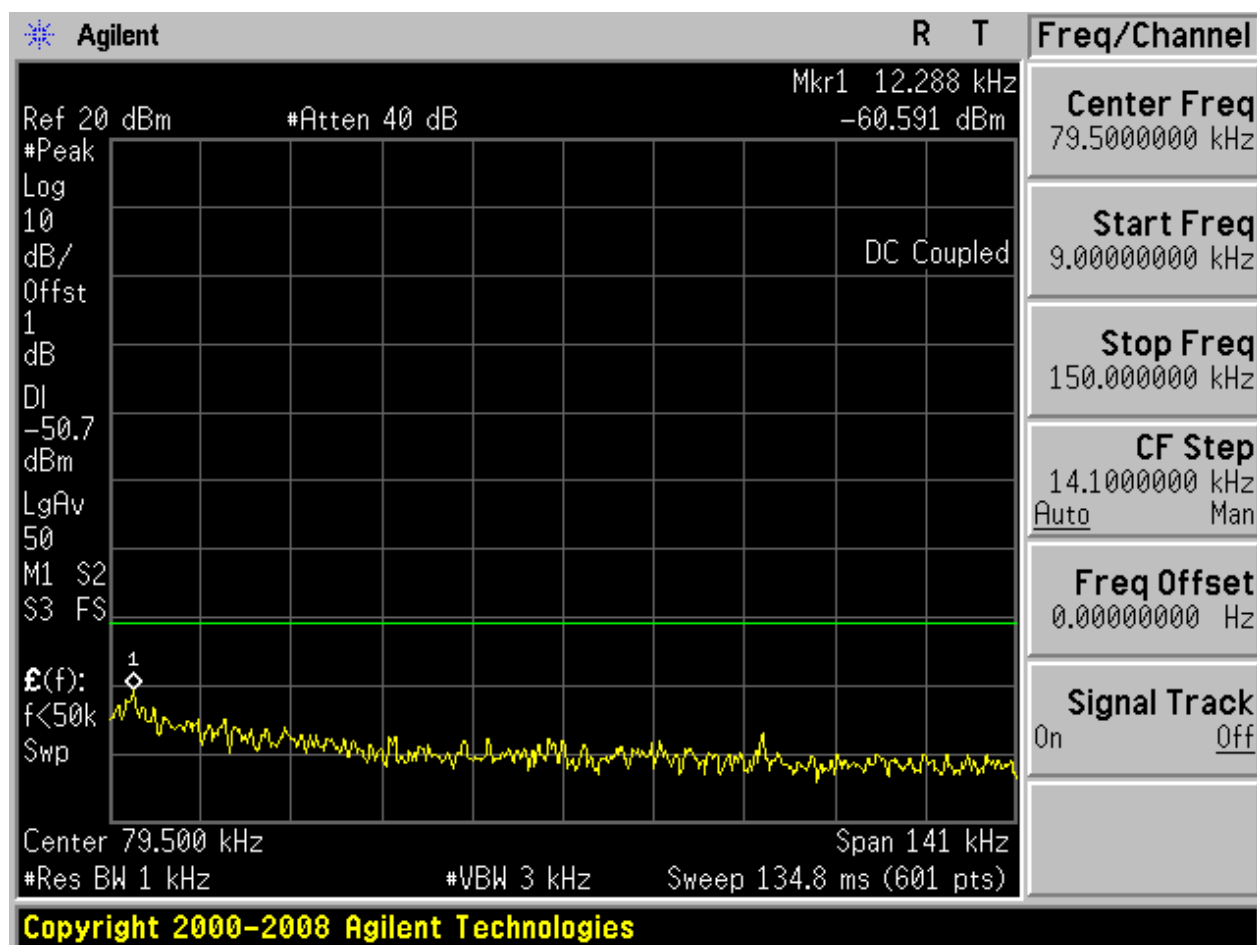
2.16 11N20m_M@Ant 2

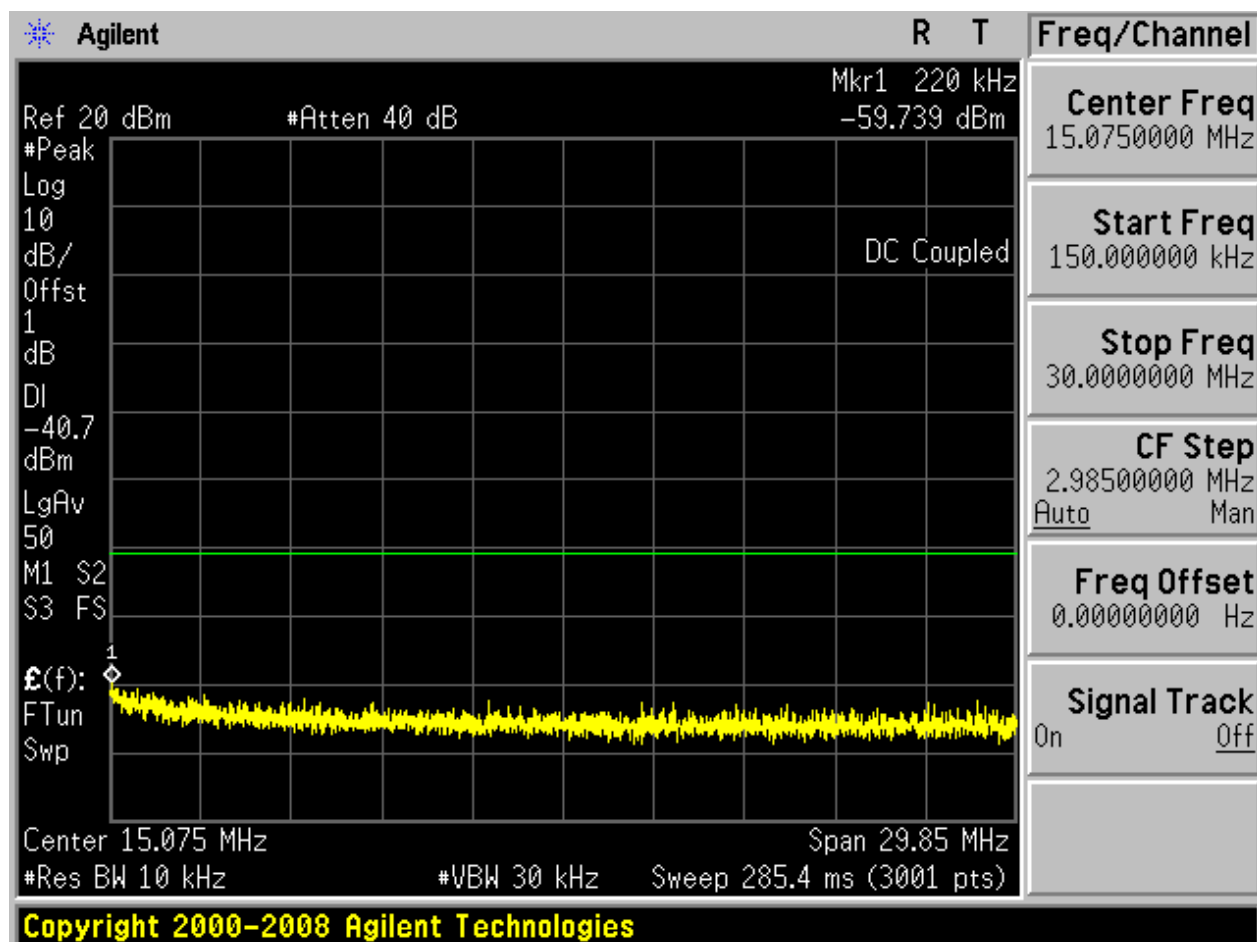
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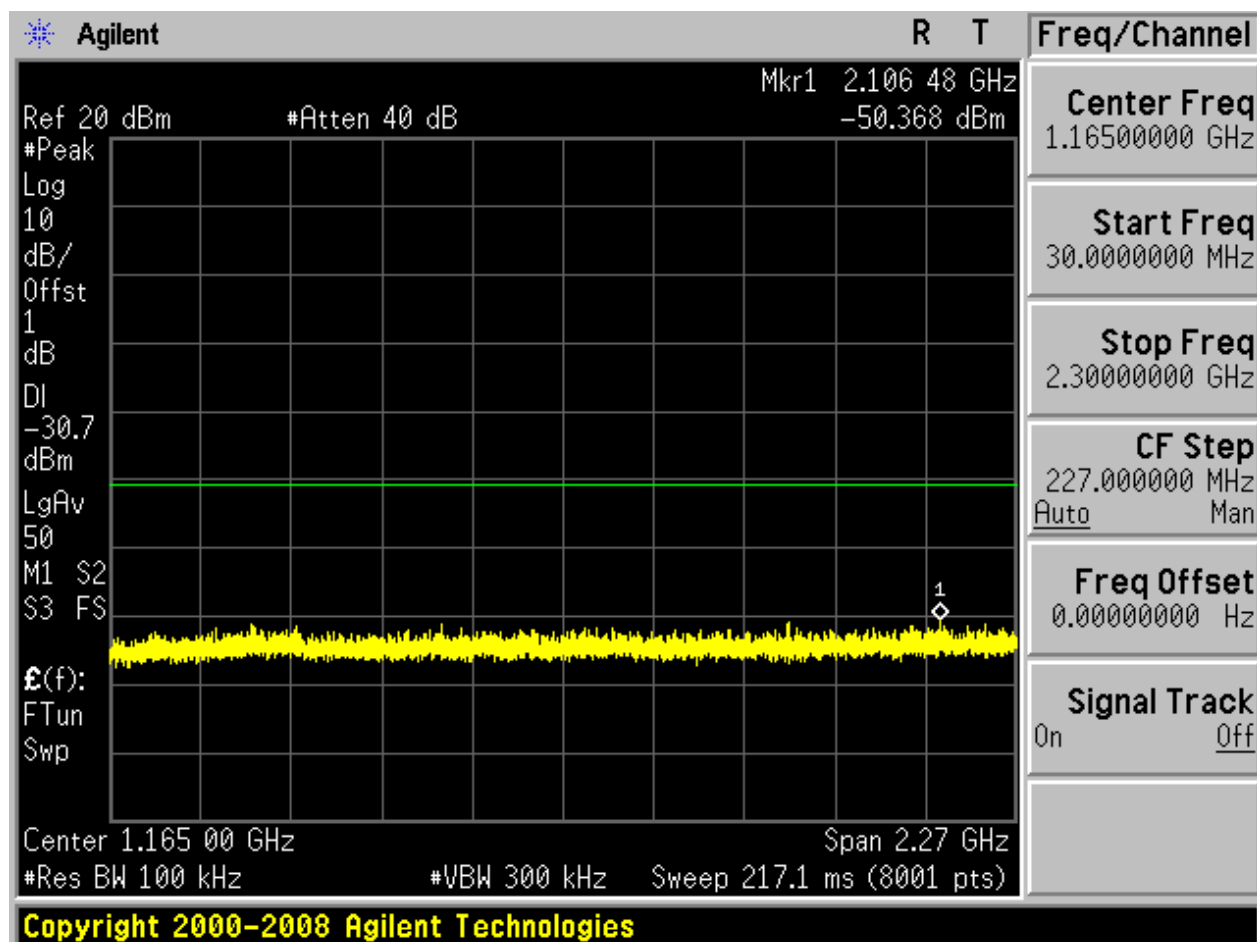


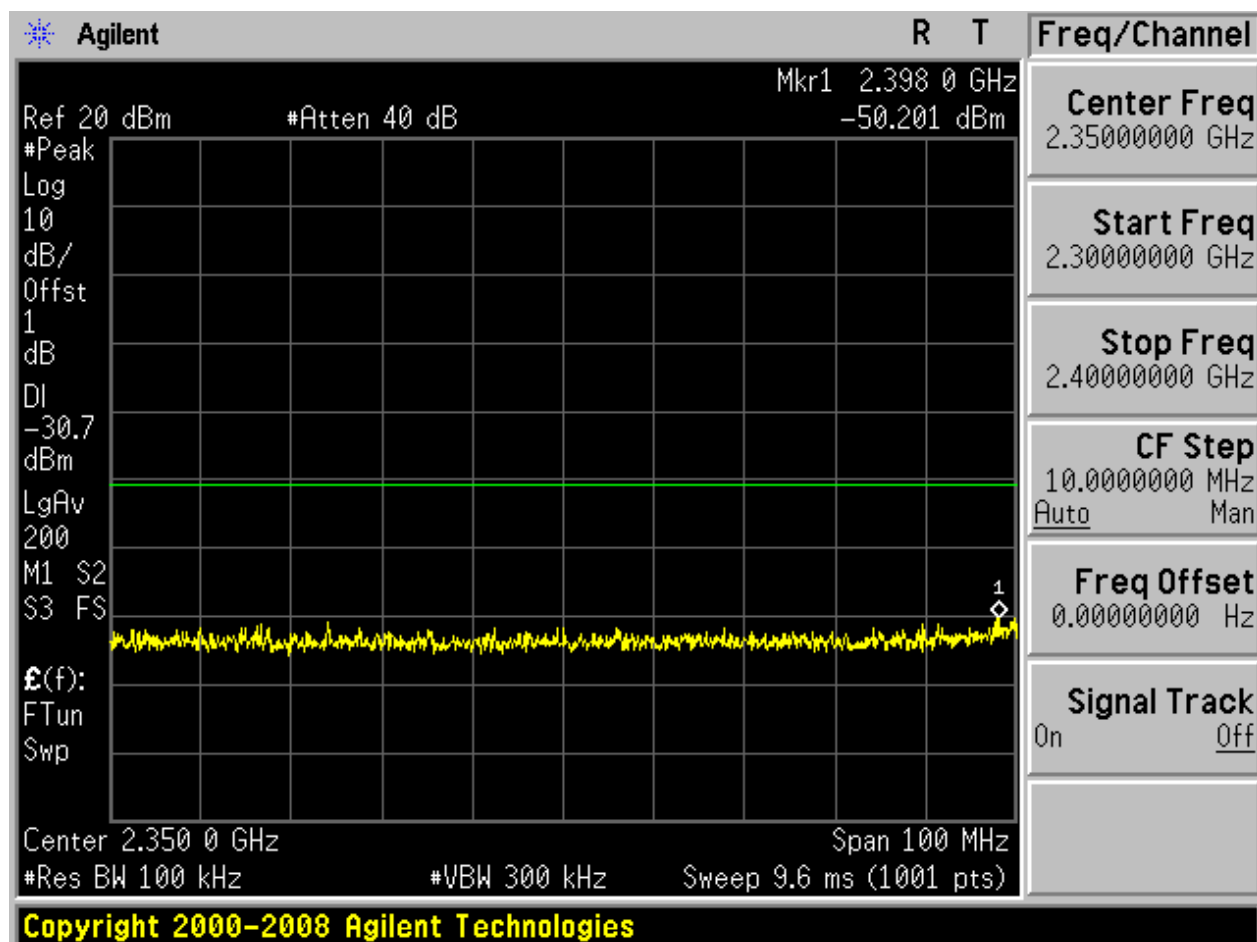


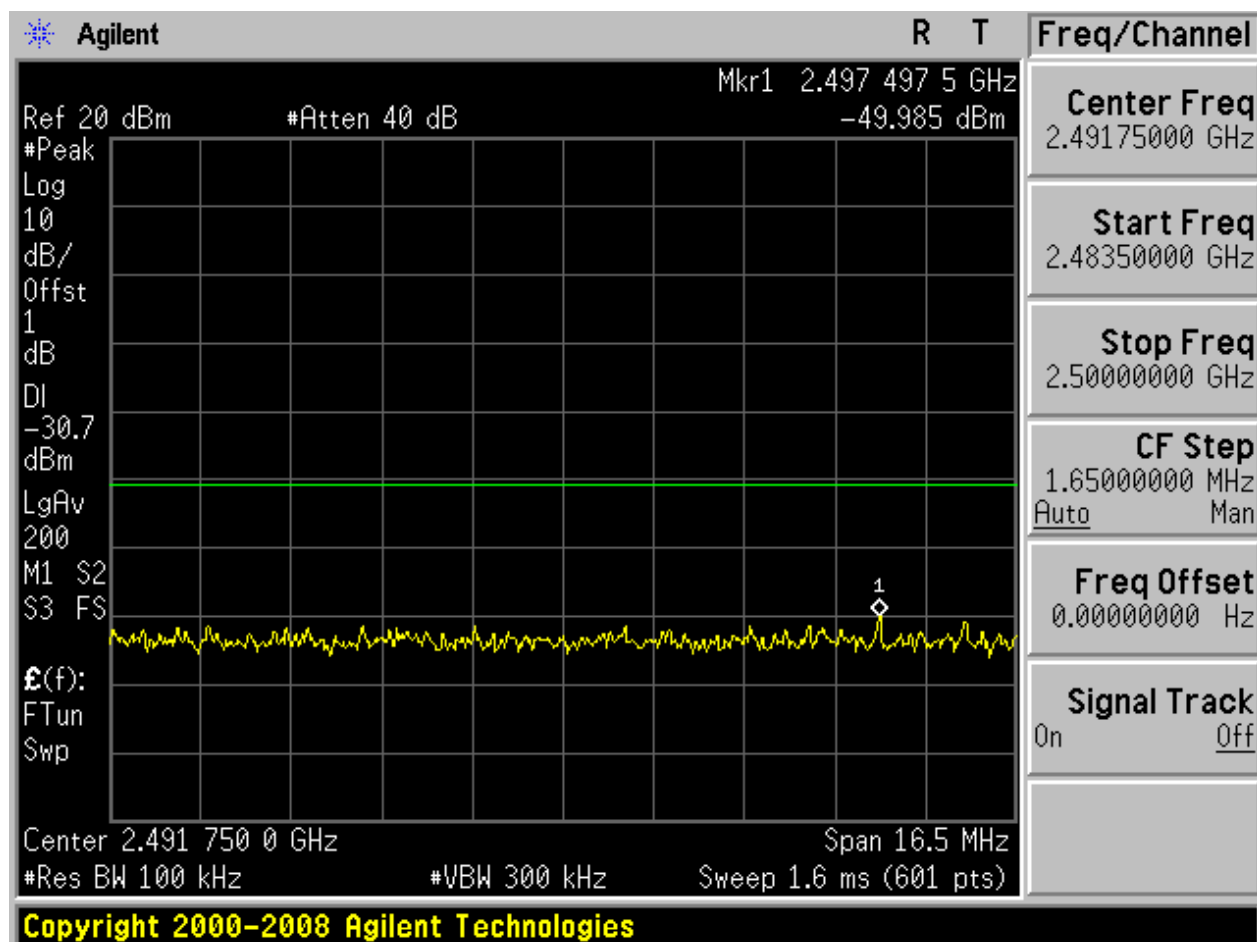
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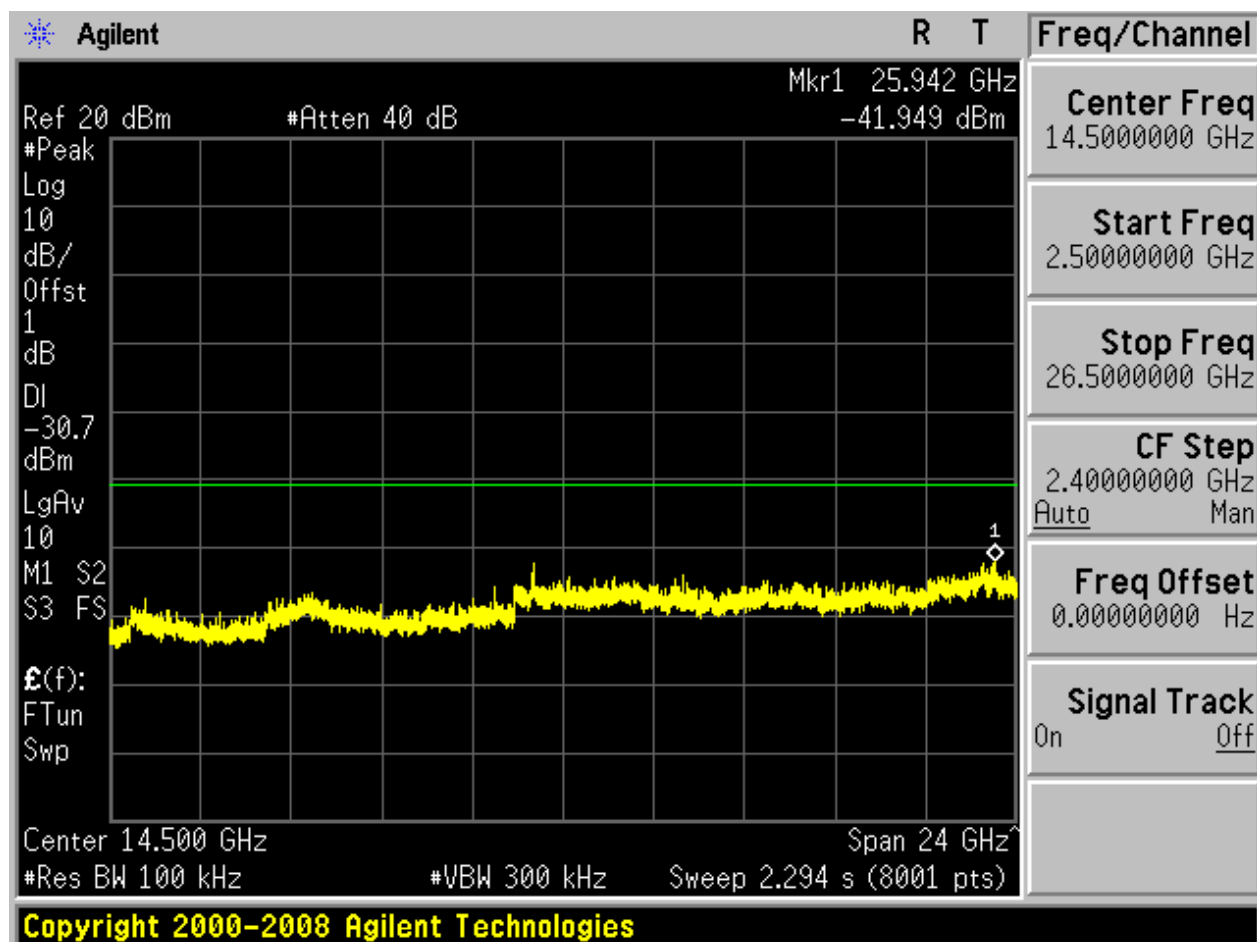






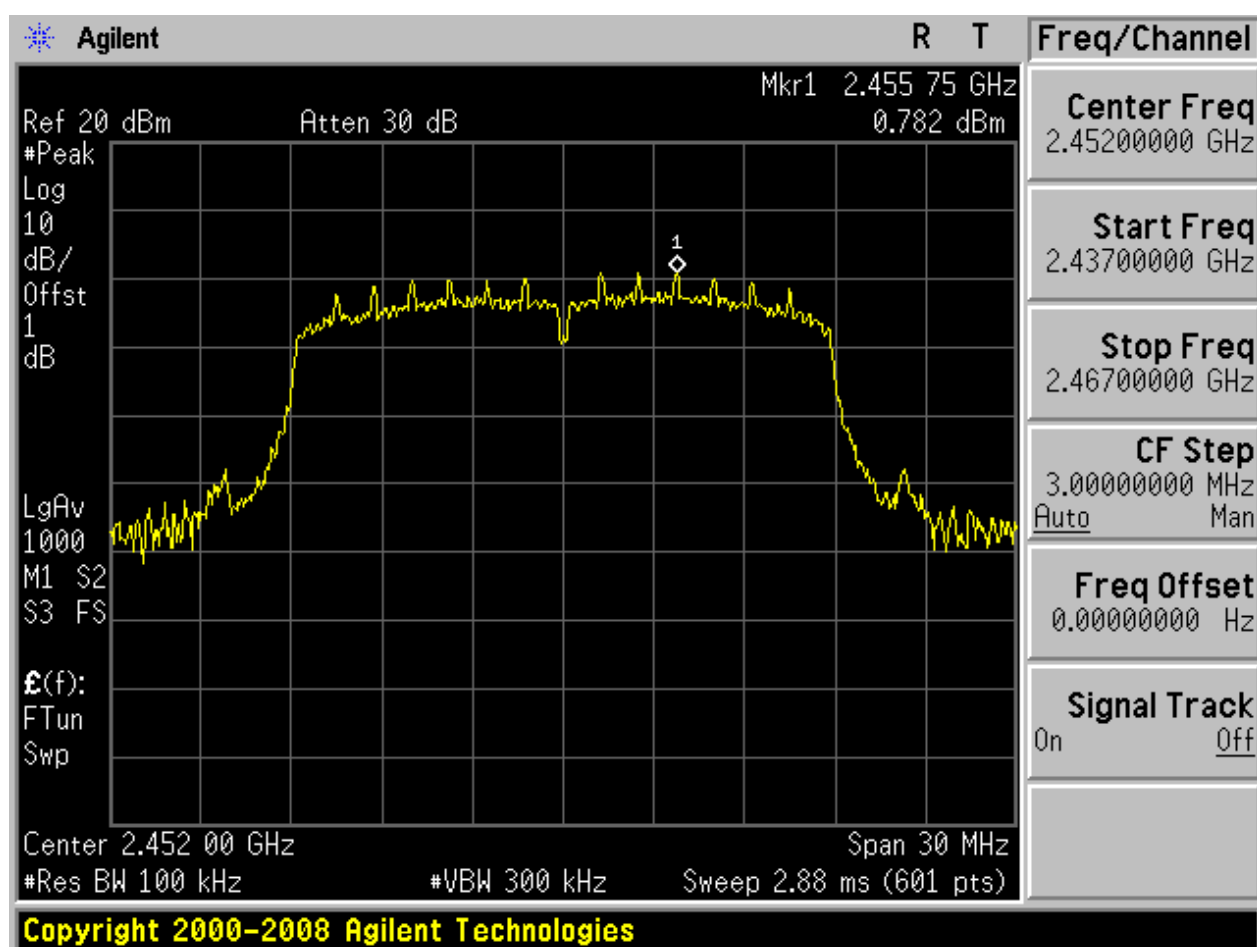




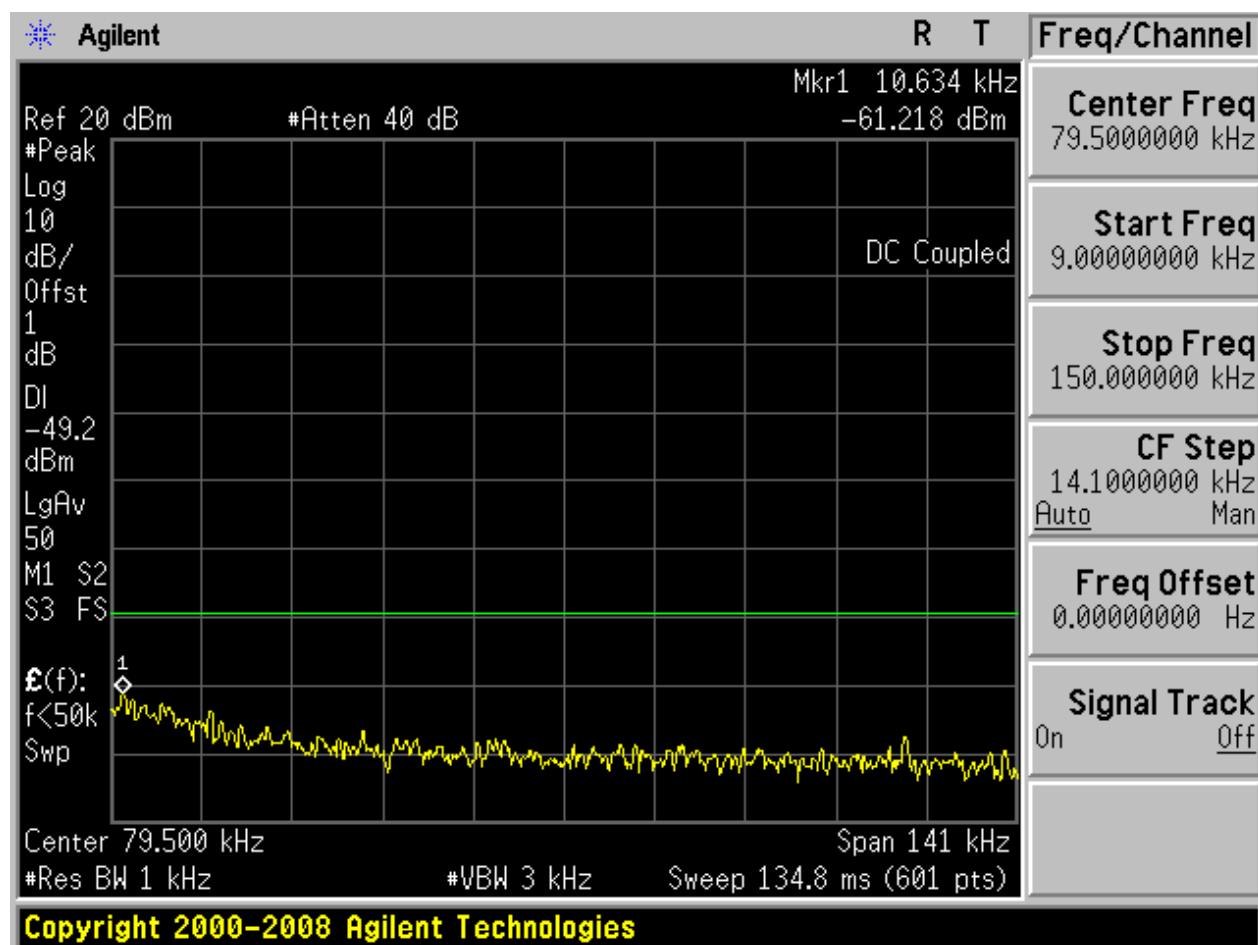


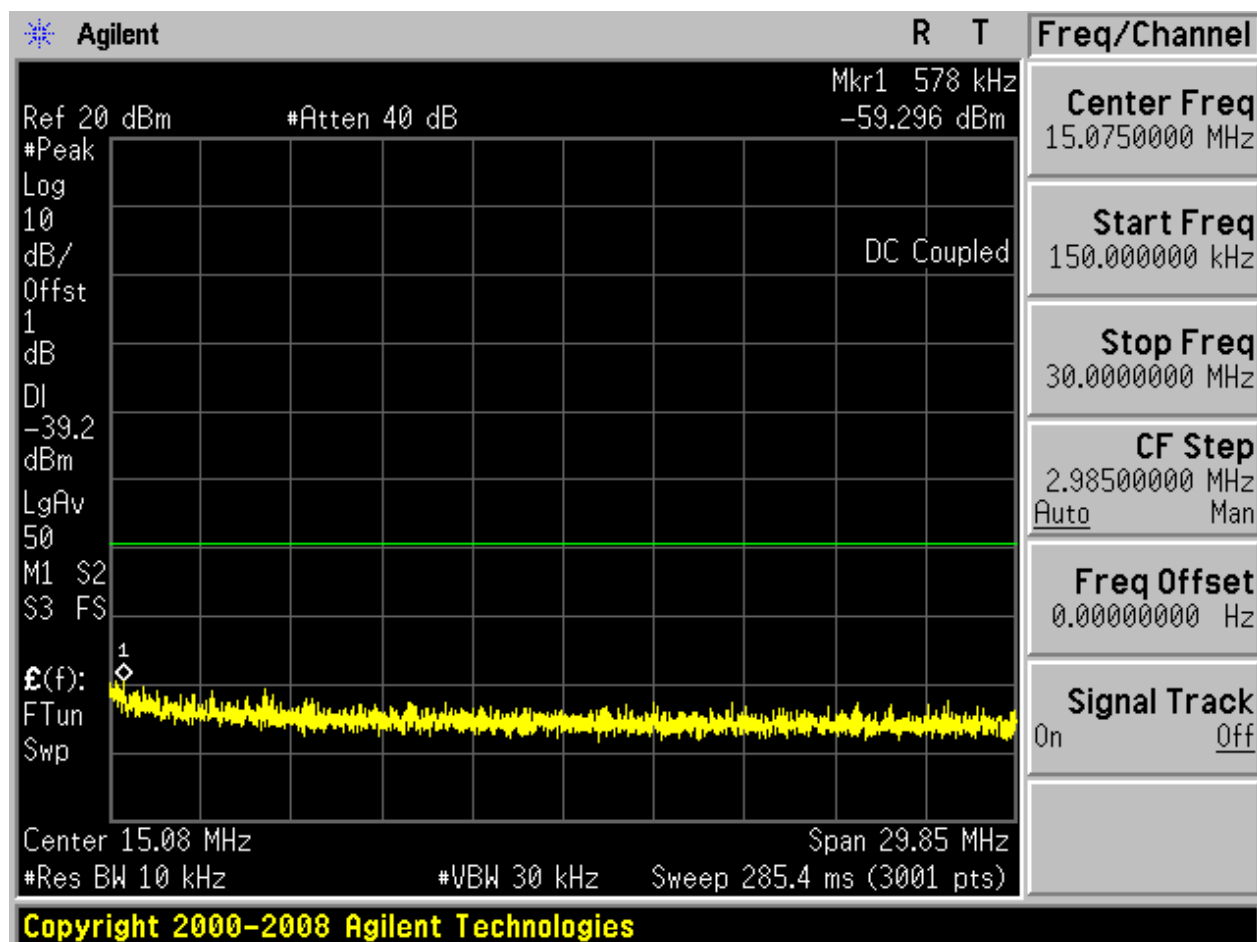
2.17 11N20m_H@Ant 1

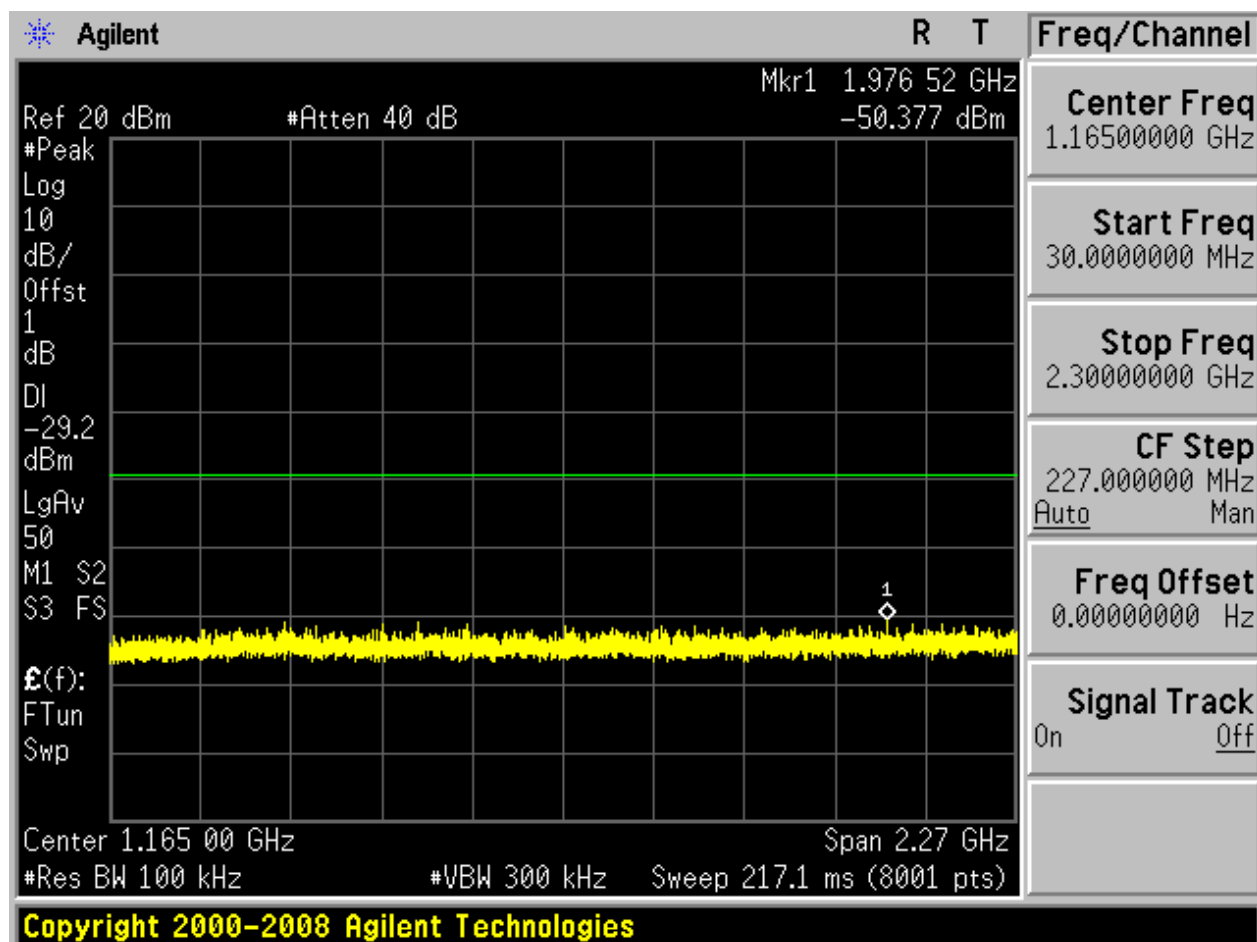
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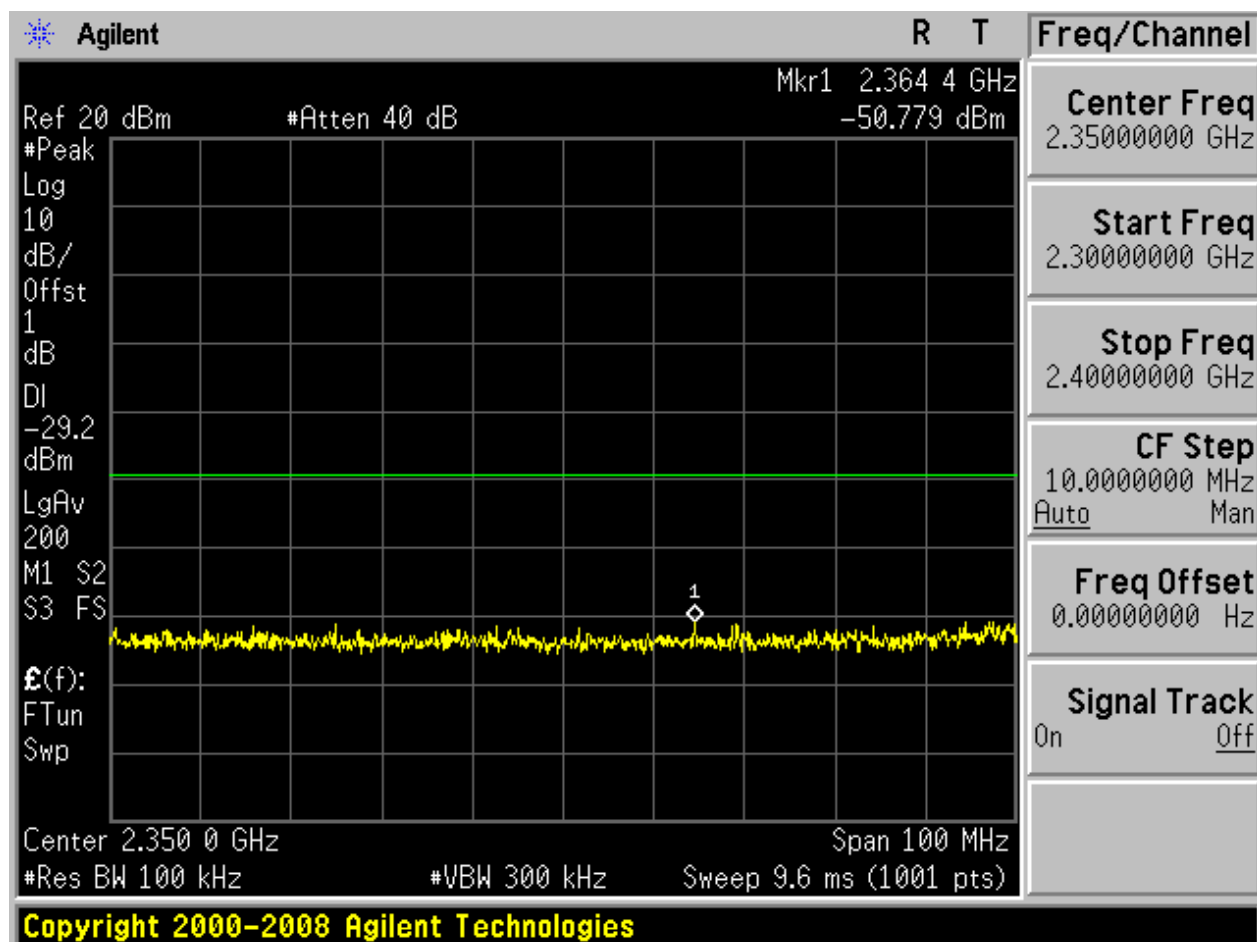


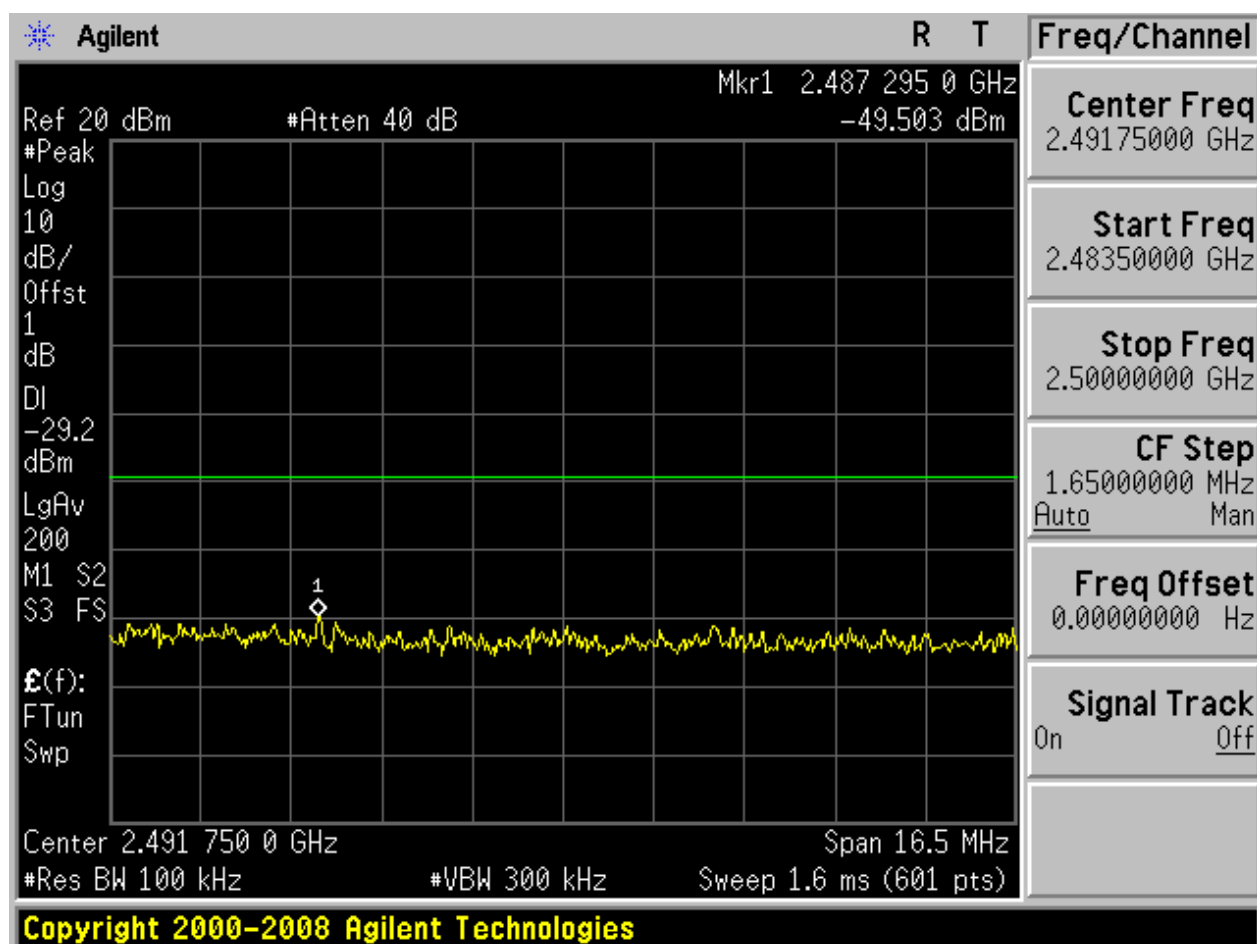
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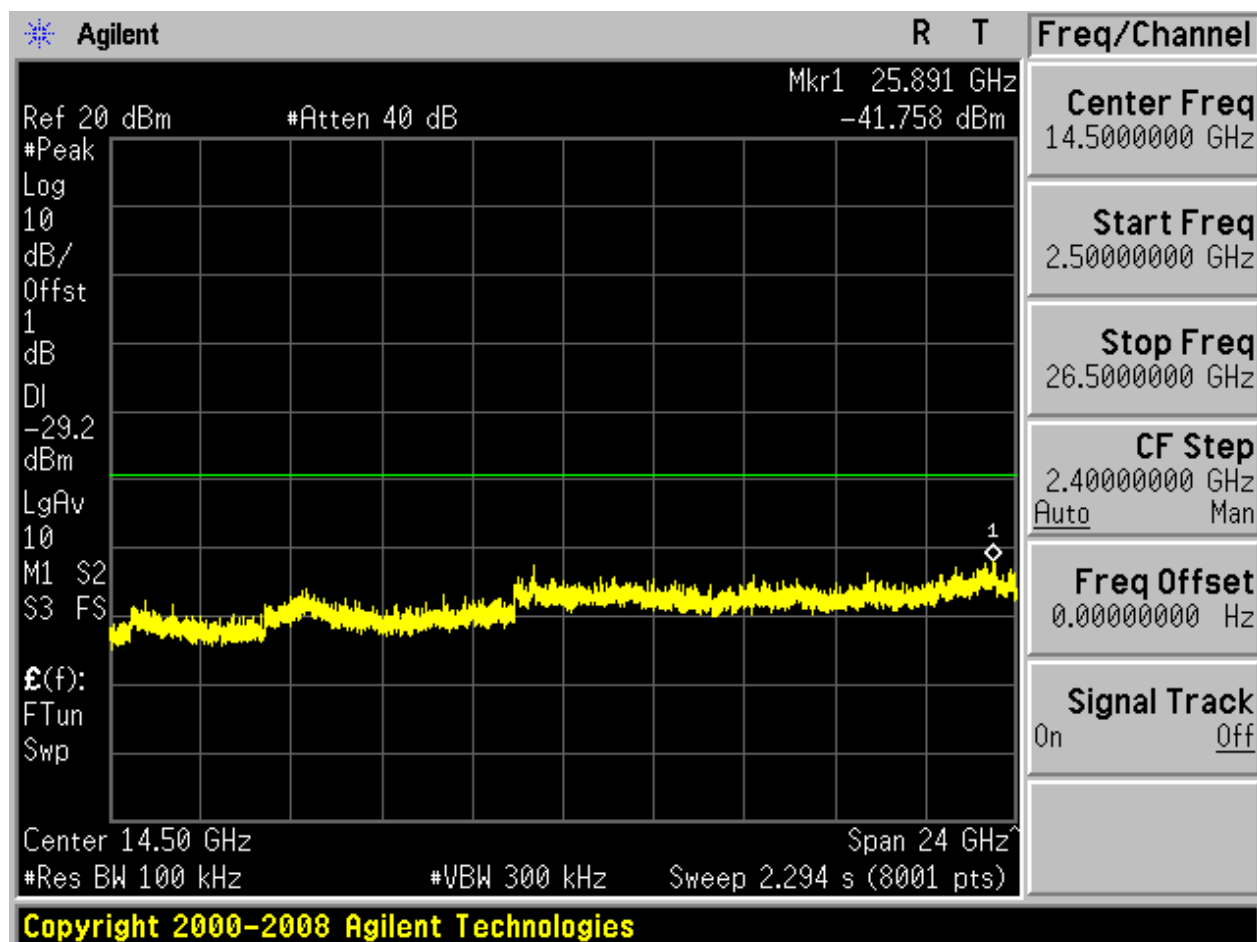






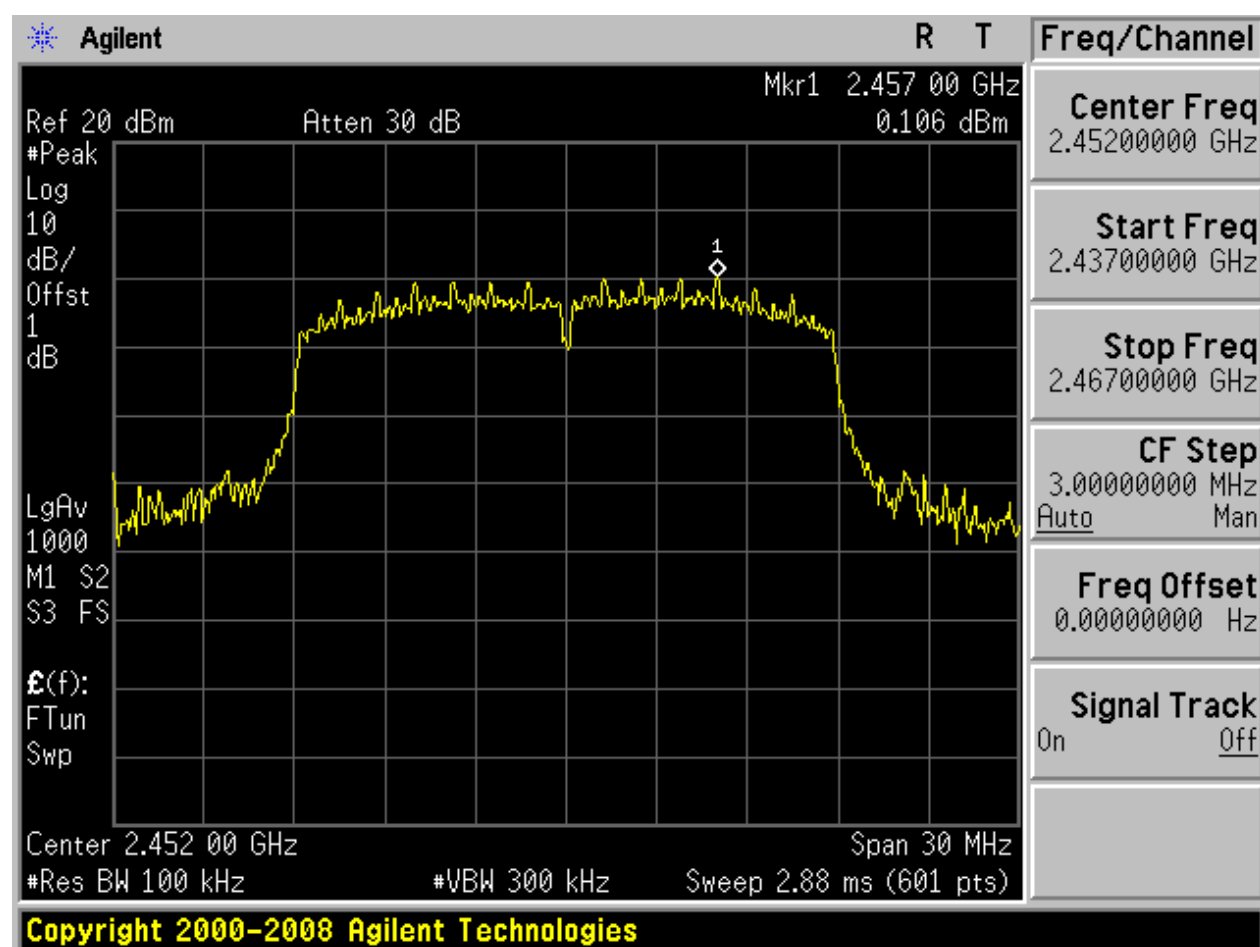






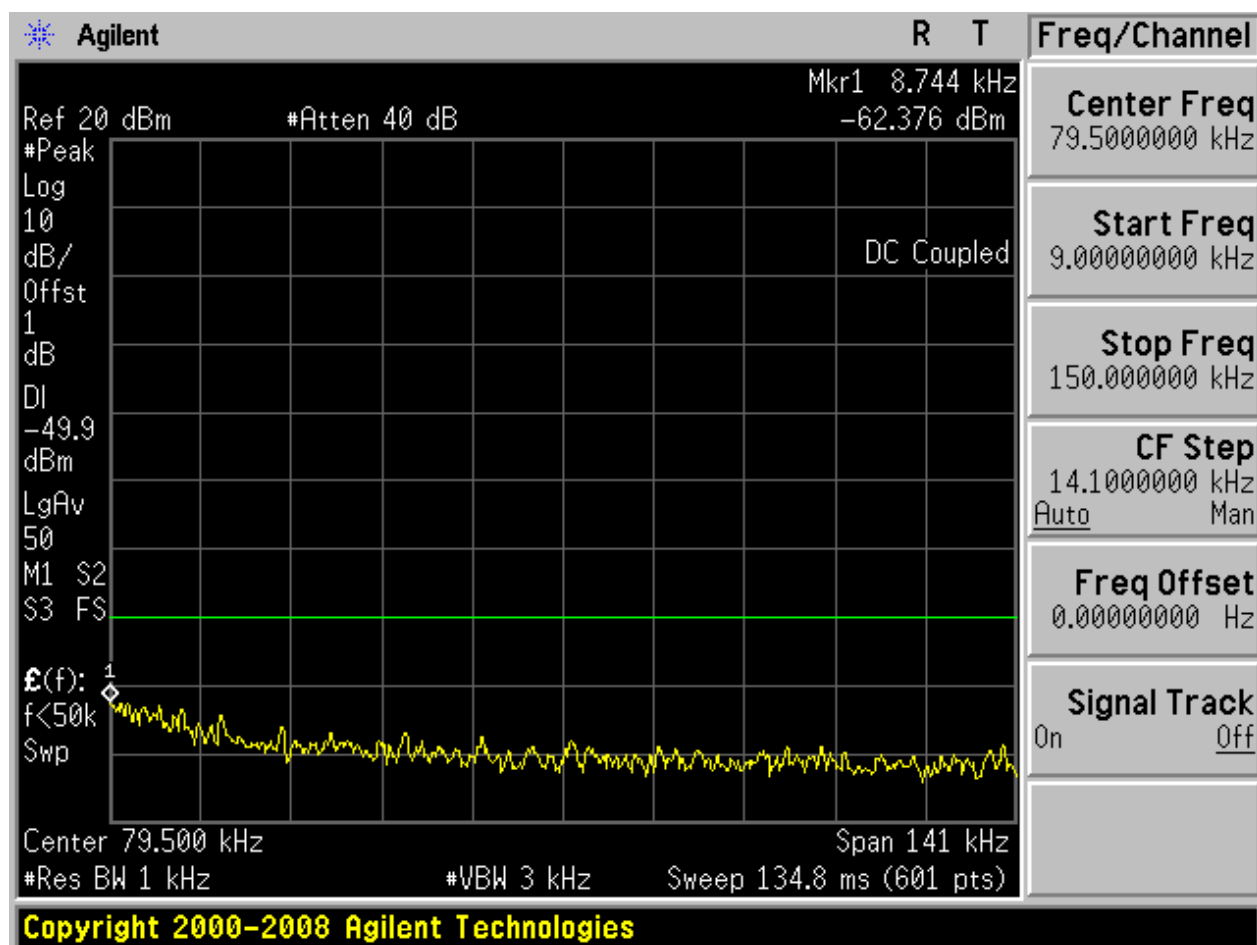
2.18 11N20m_H@Ant 2

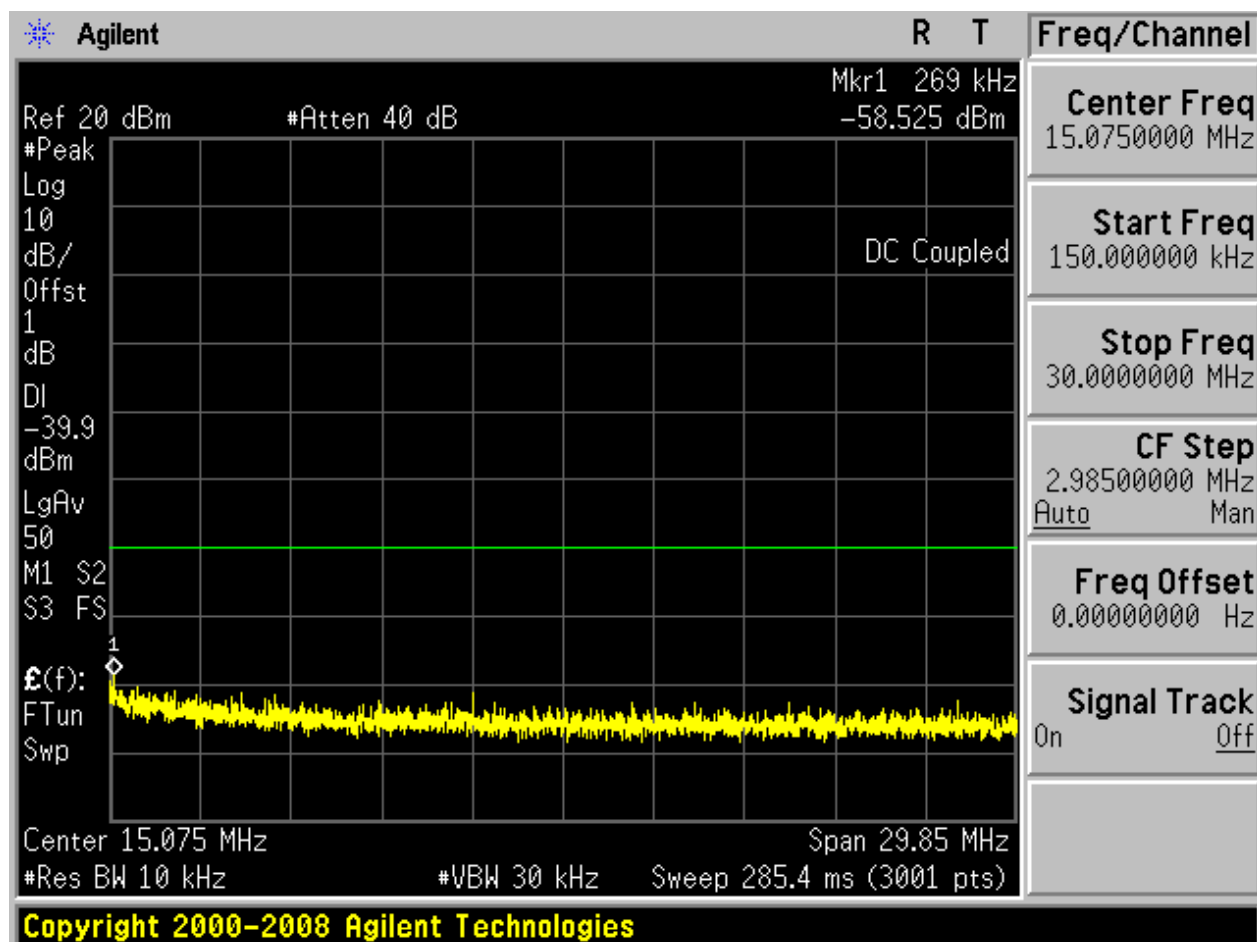
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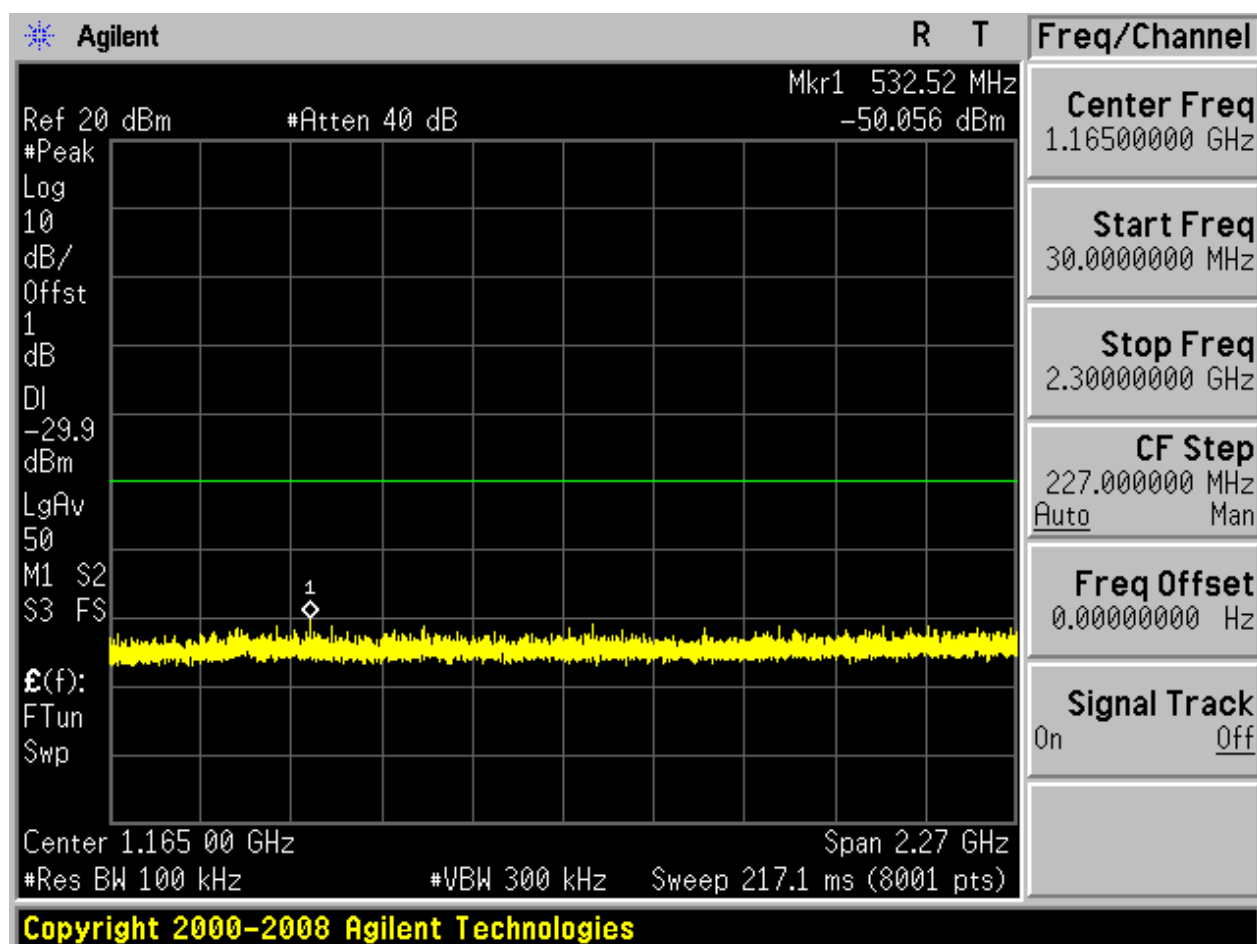


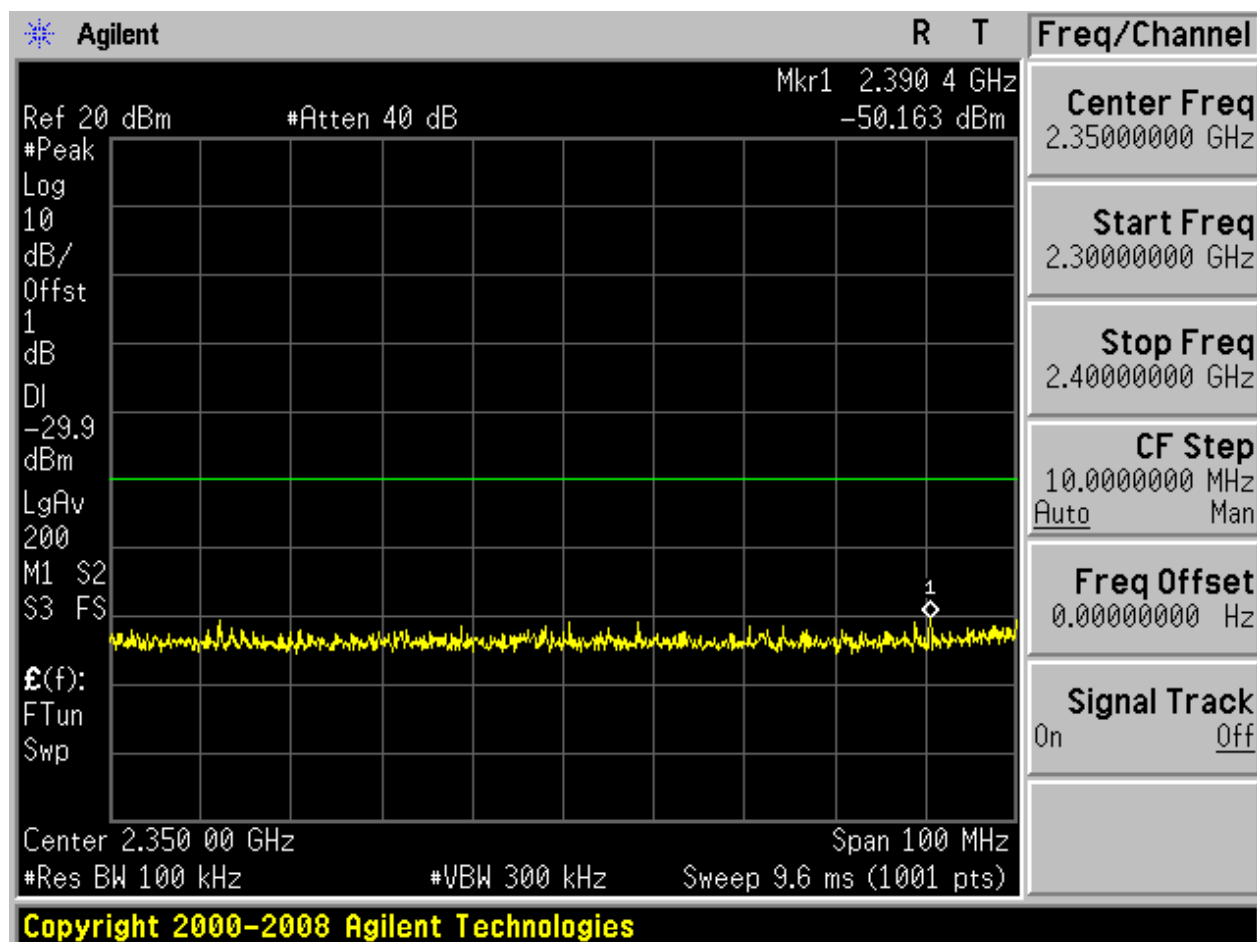


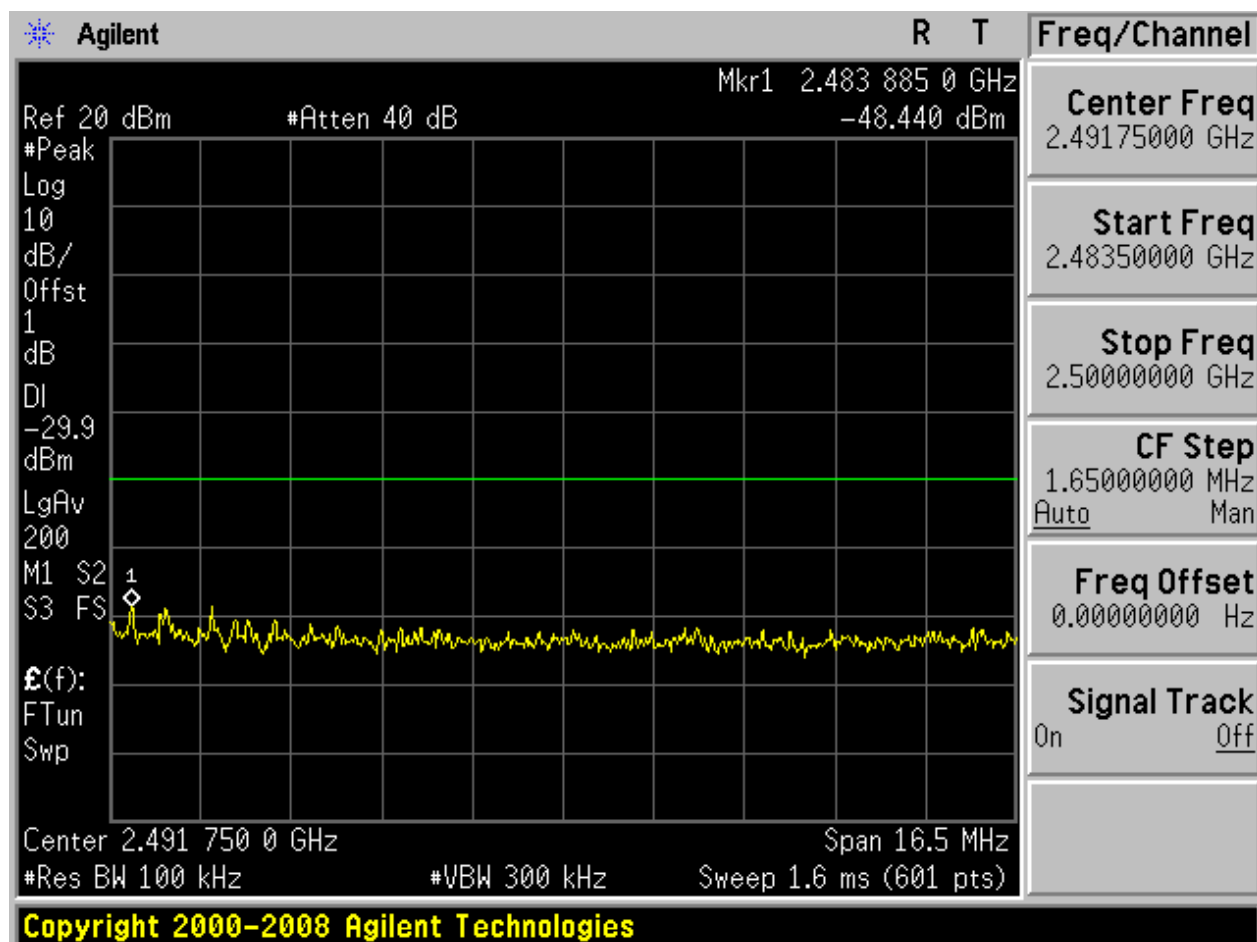
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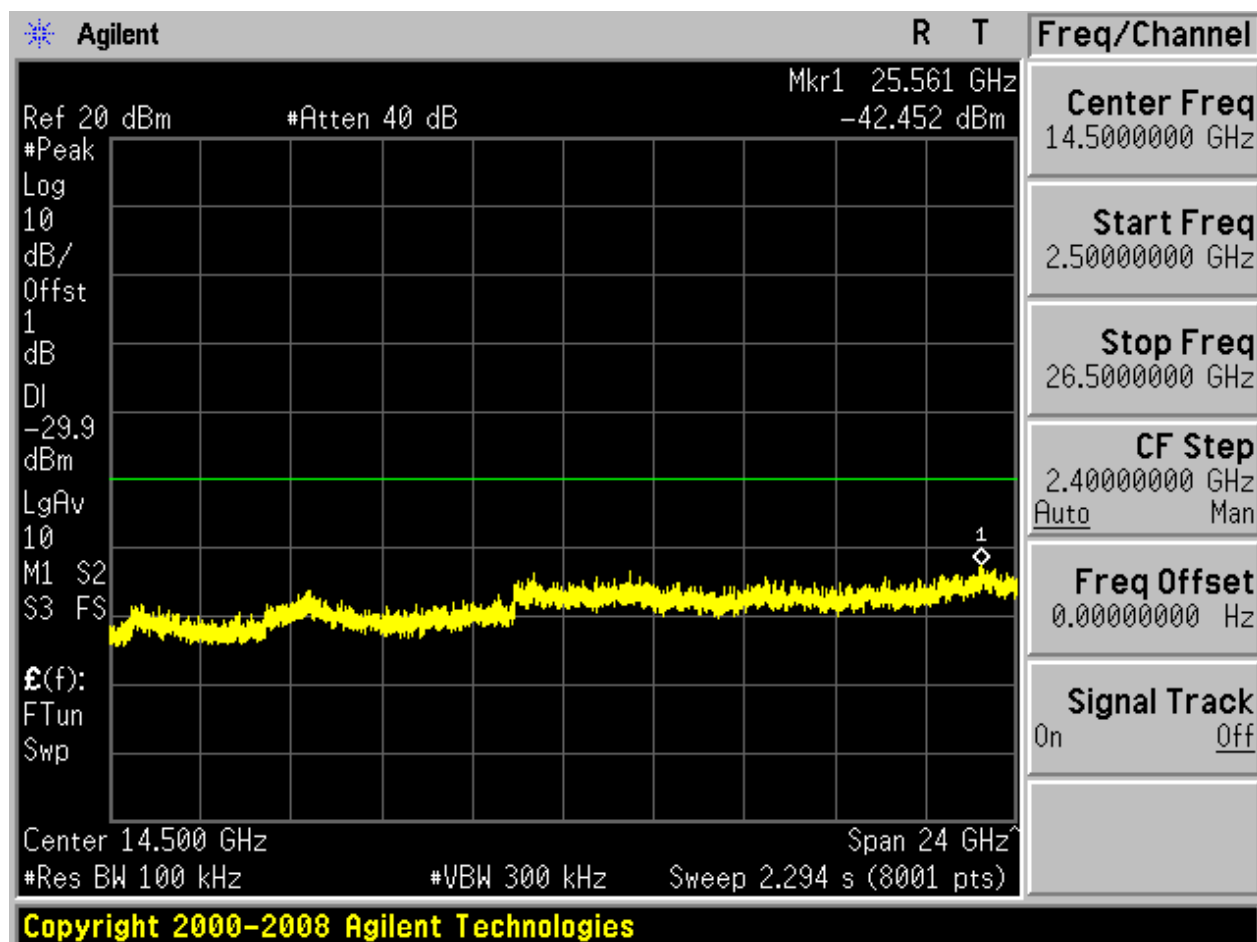






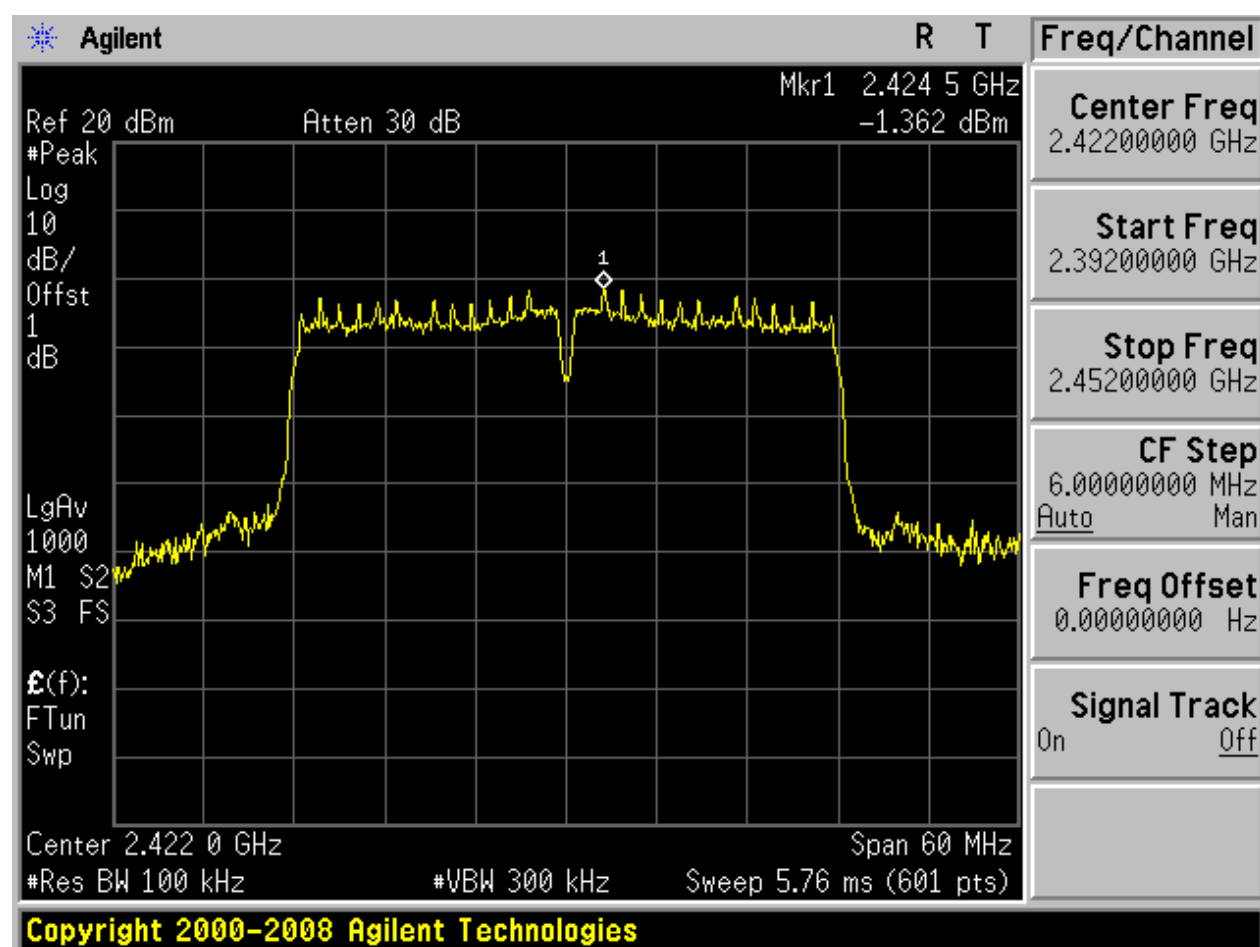






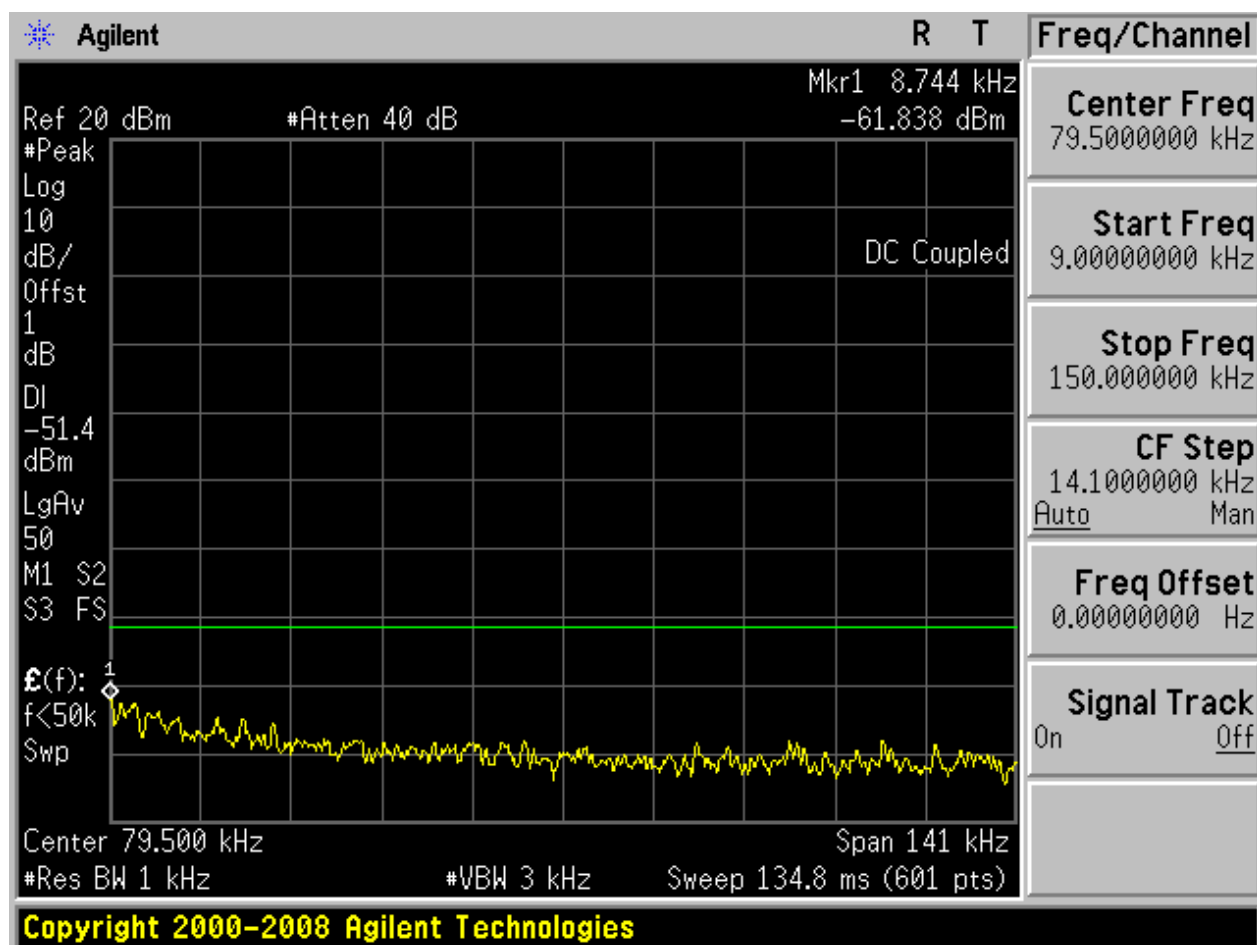
2.19 11N40_L@Ant 1

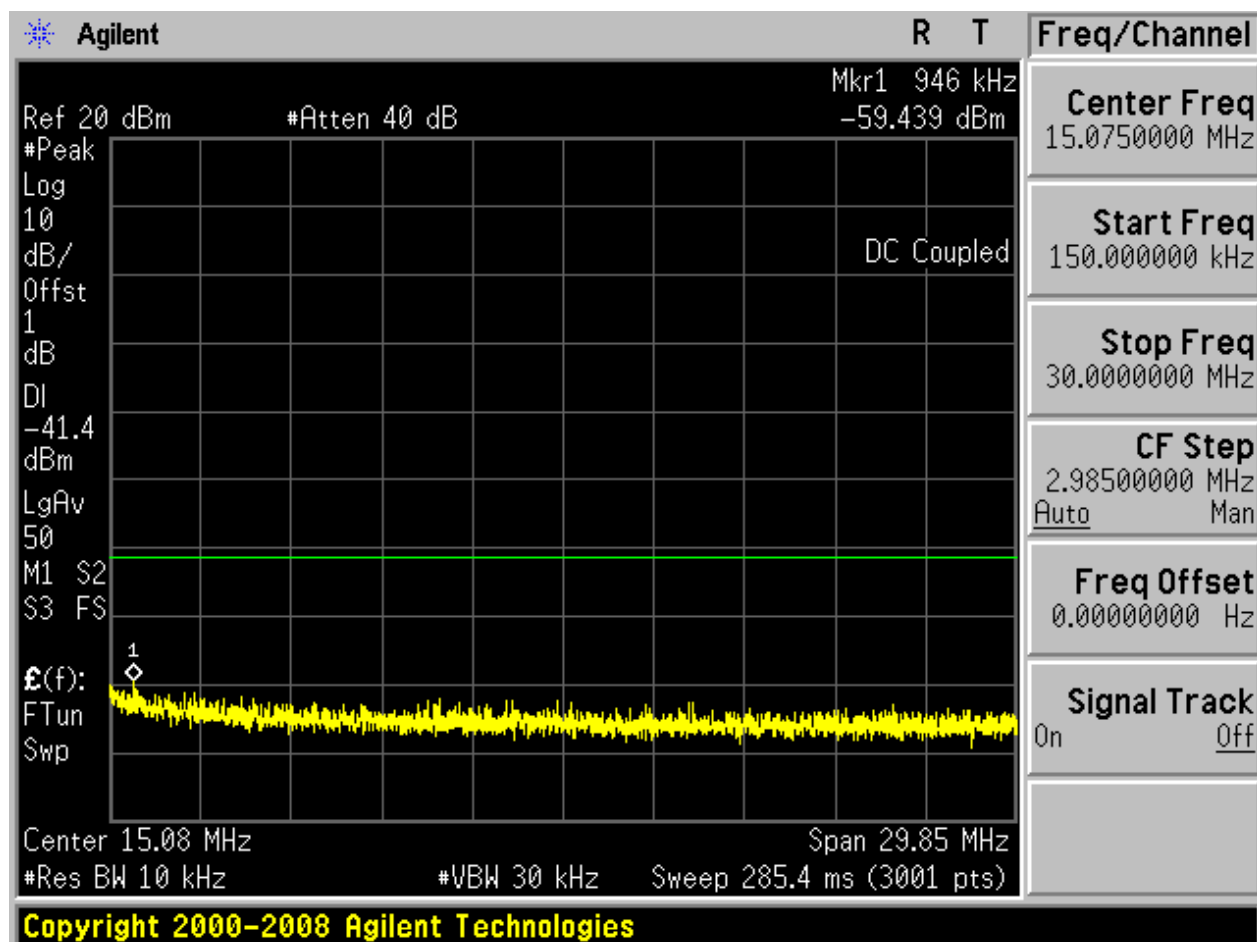
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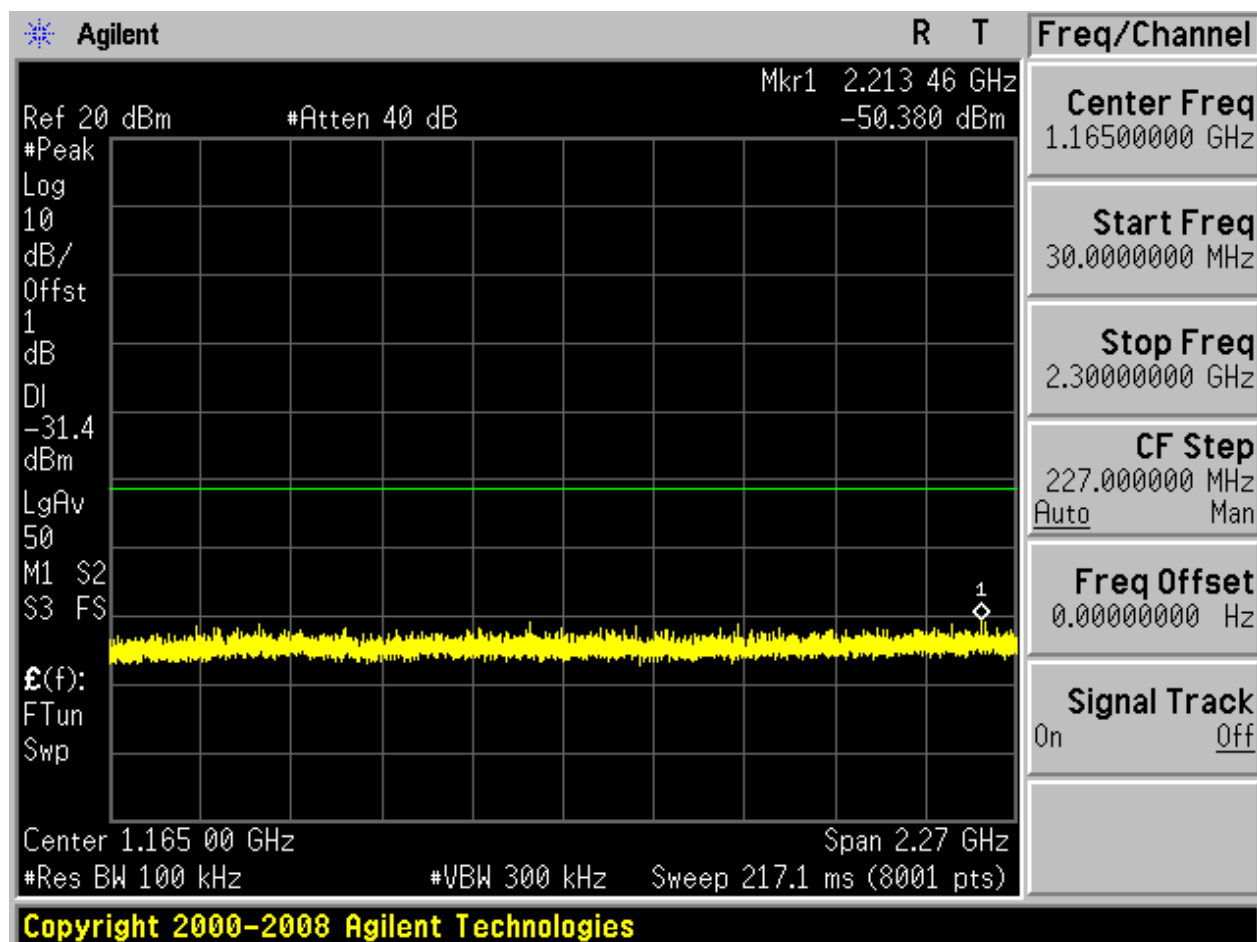


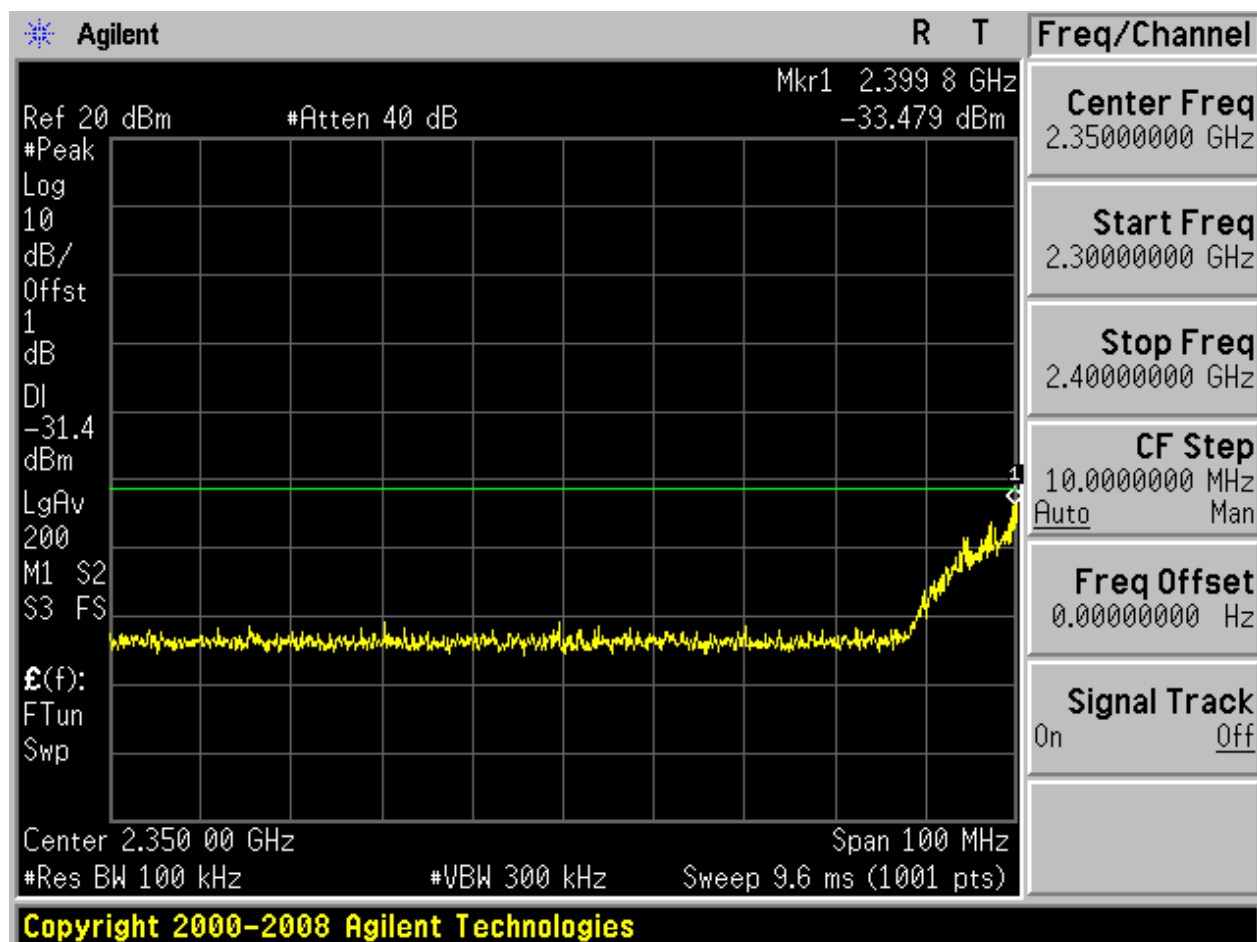


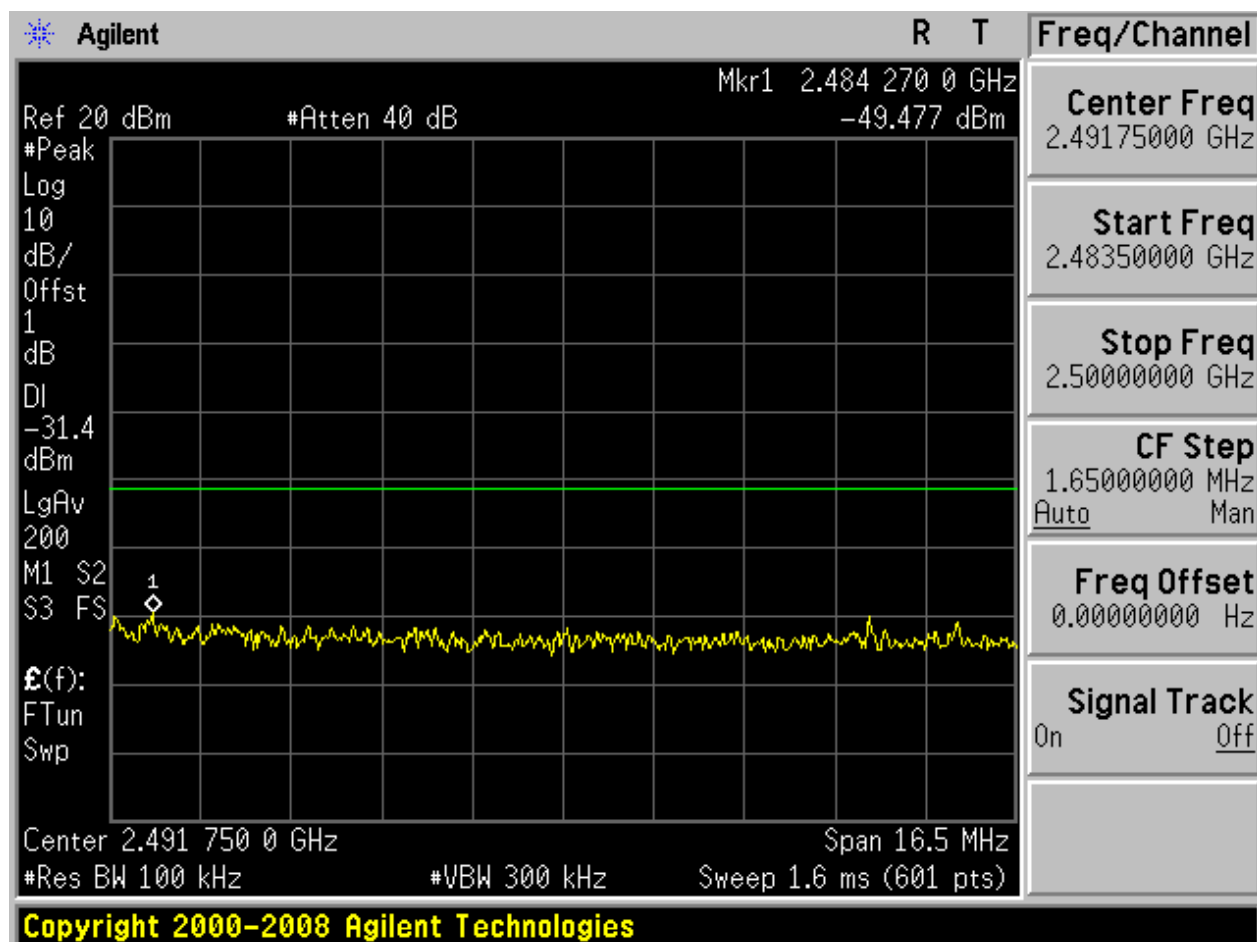
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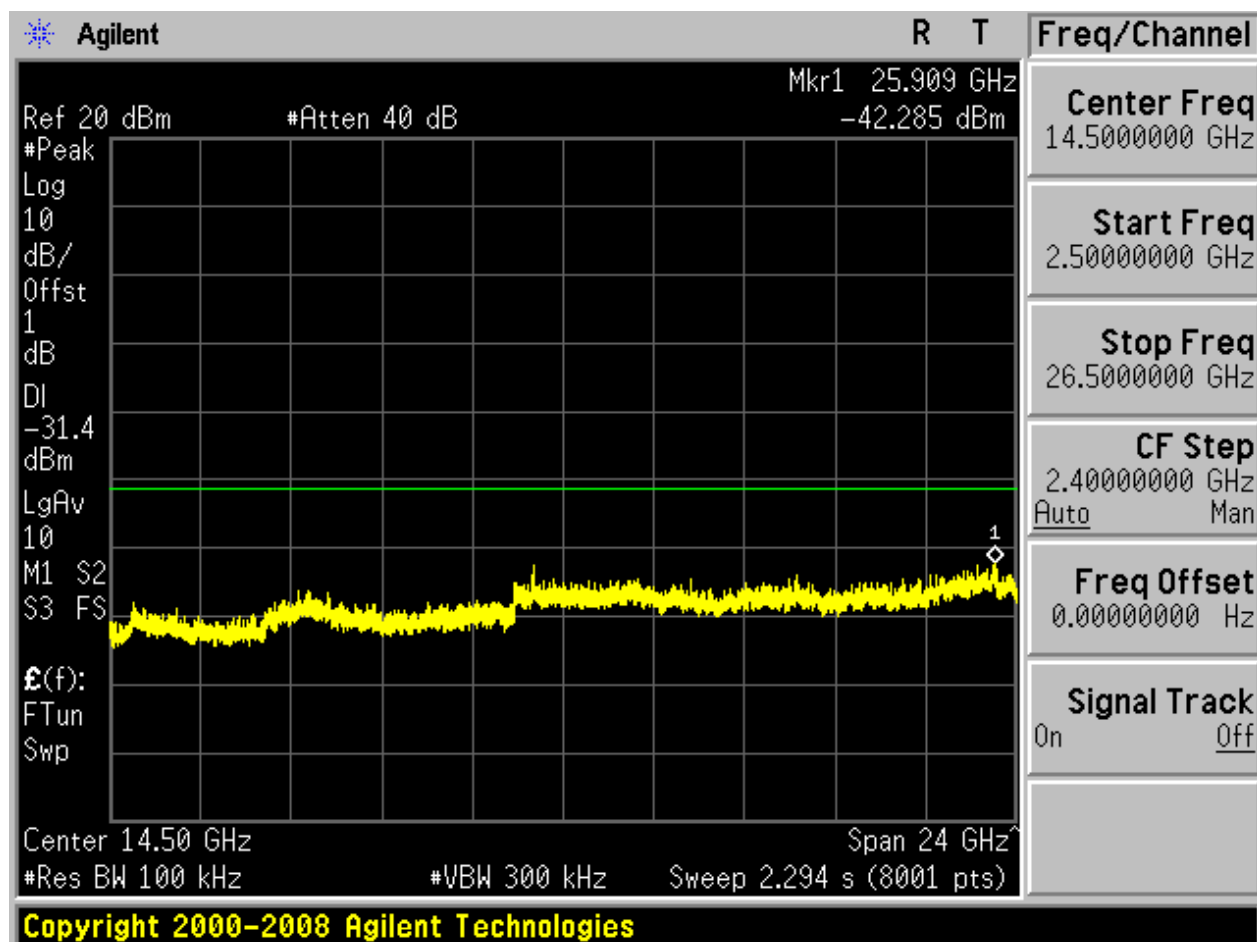






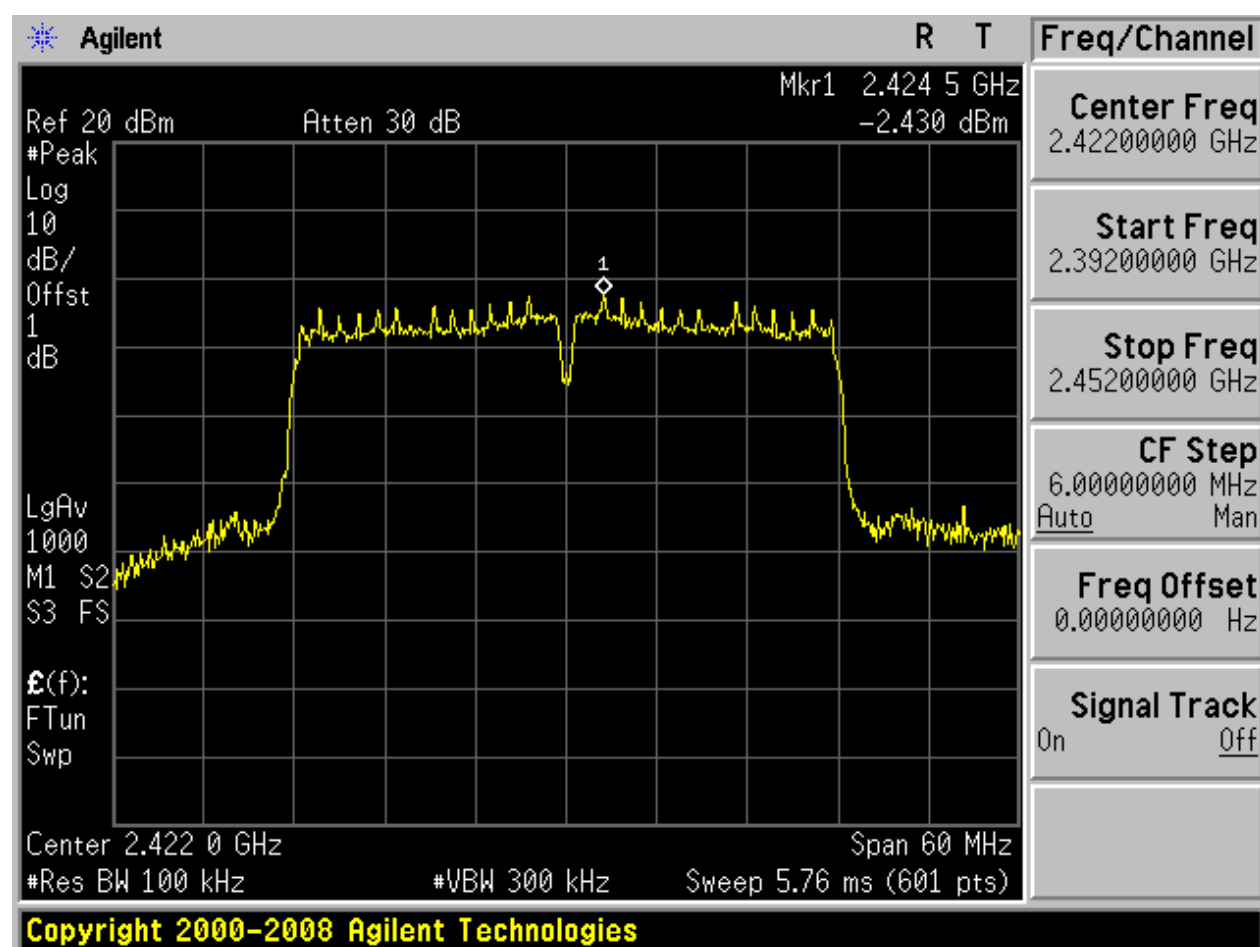






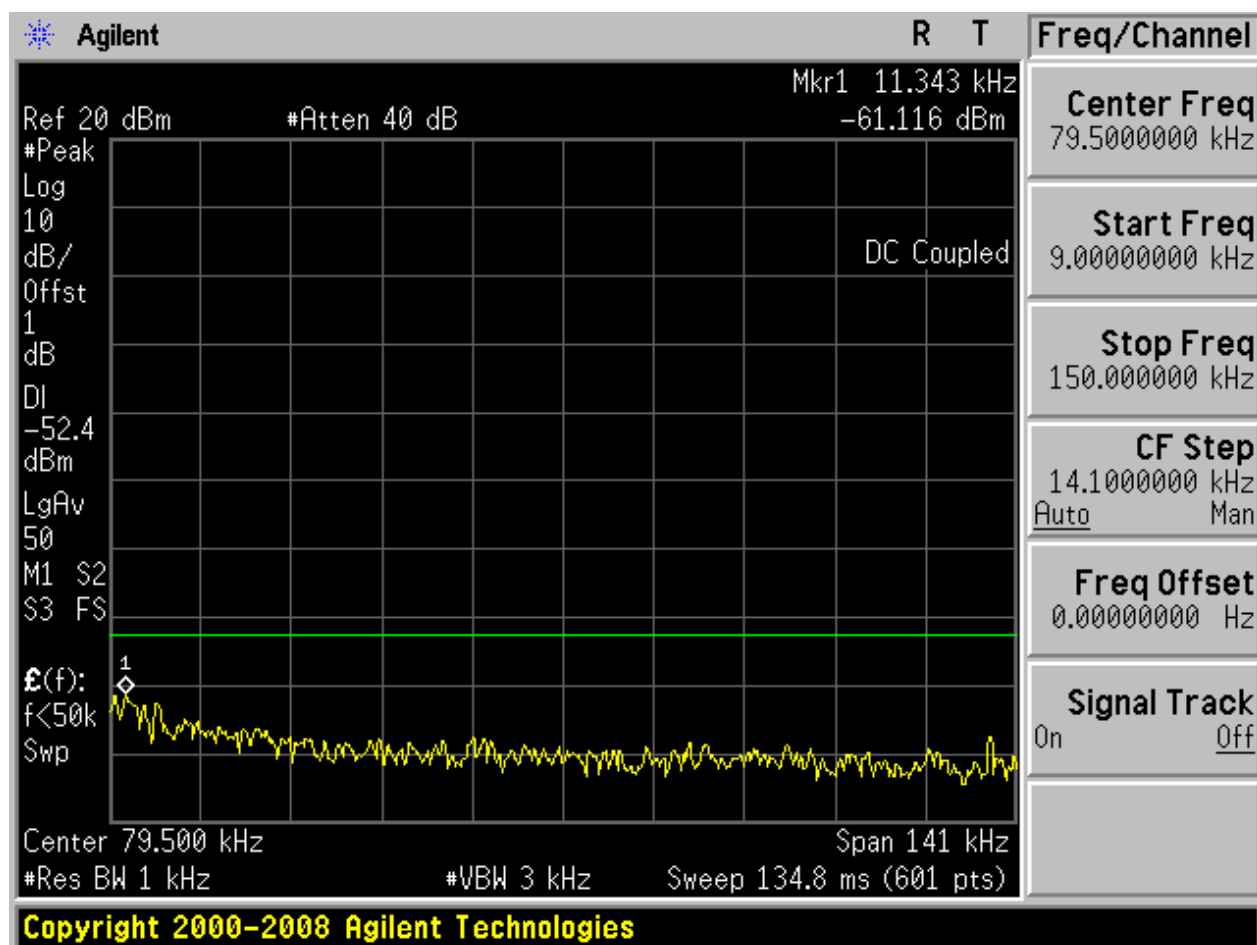
2.20 11N40_L@Ant 2

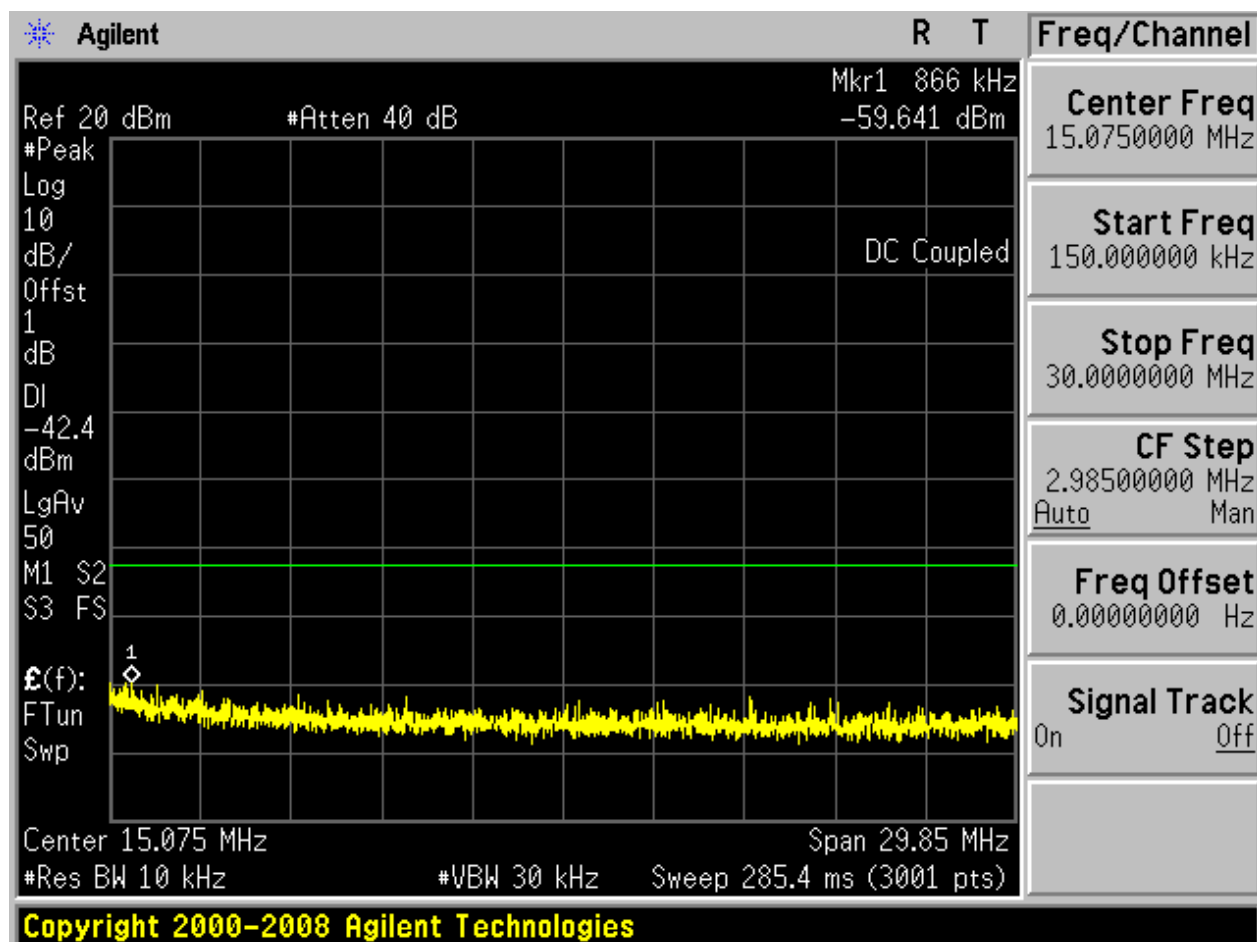
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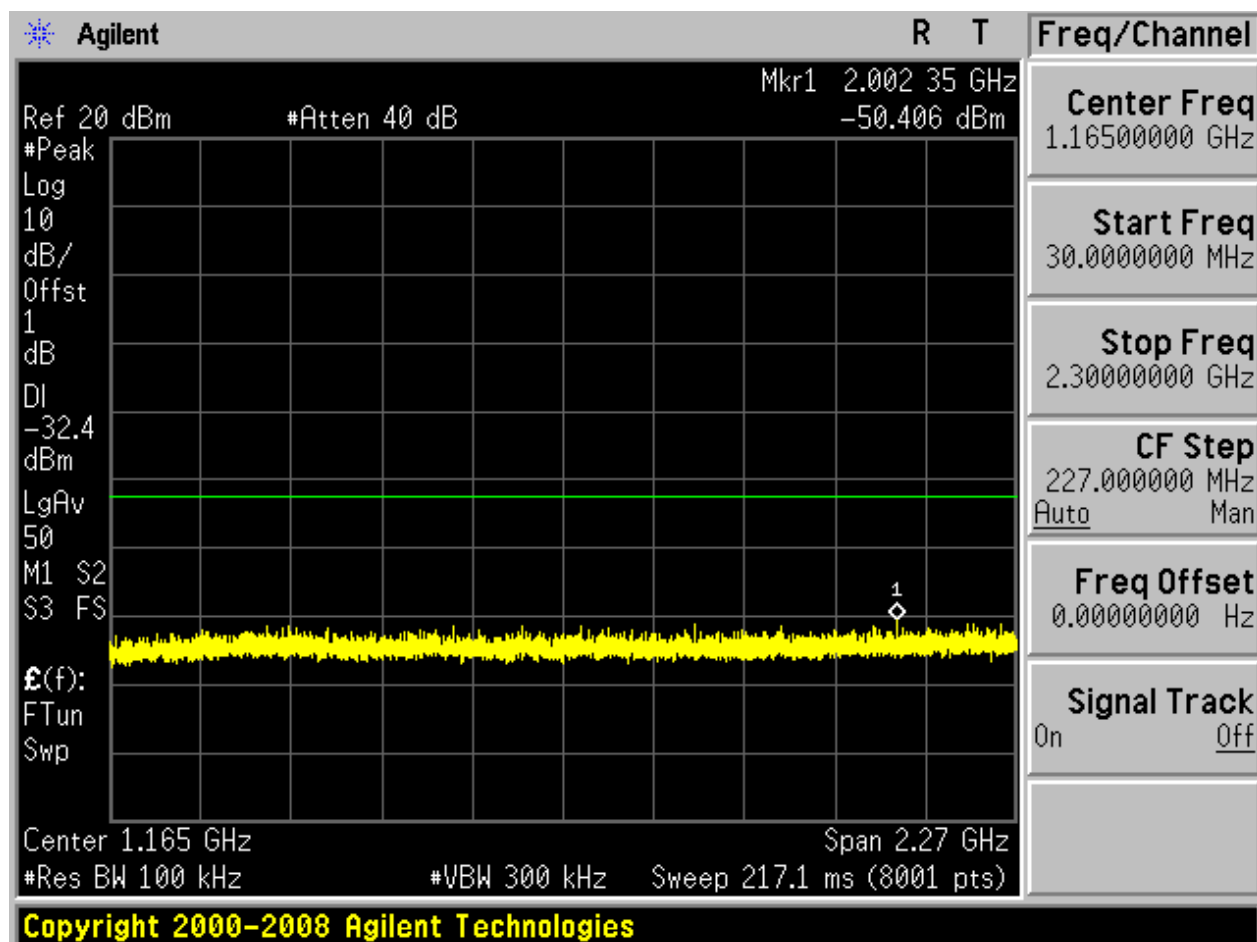


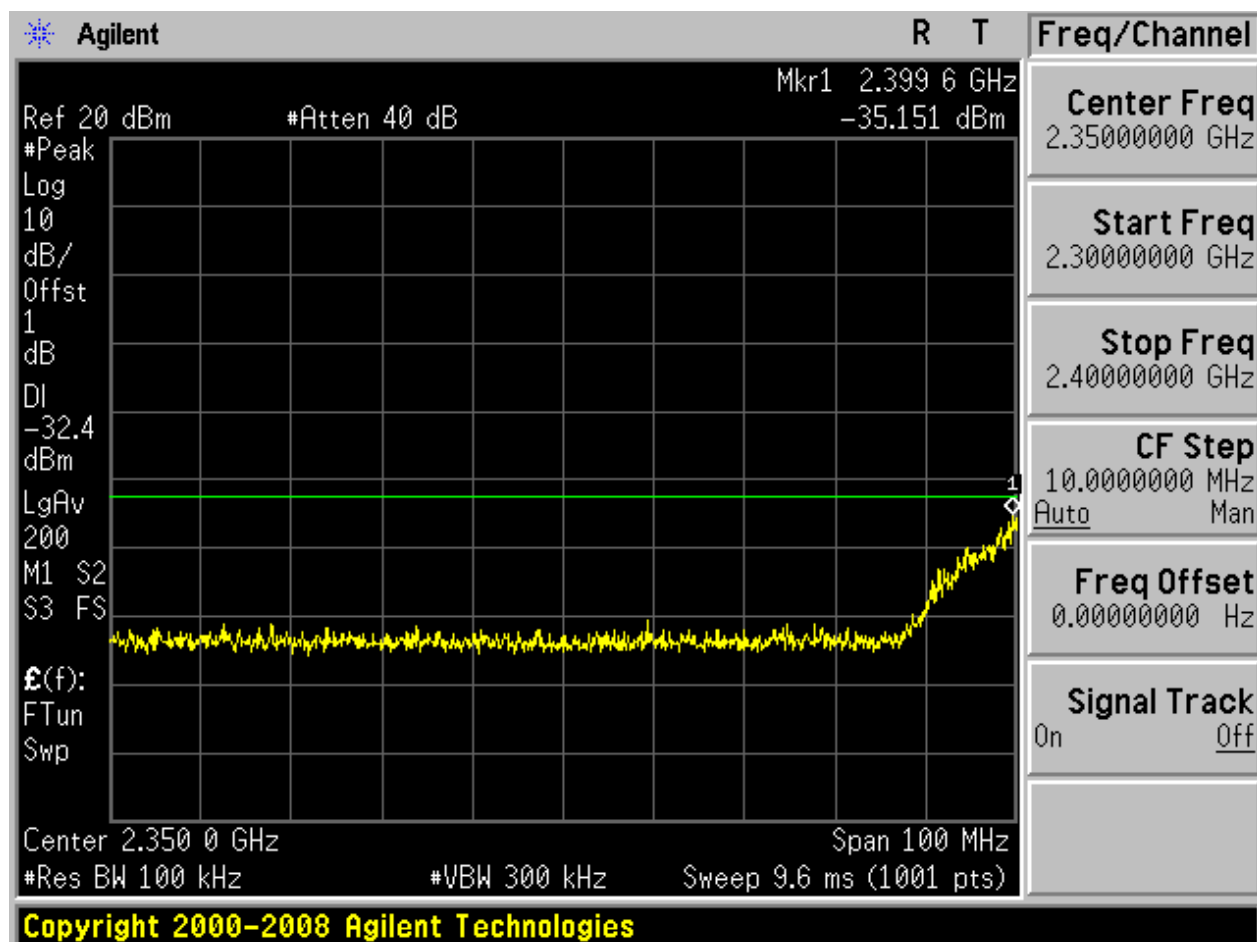


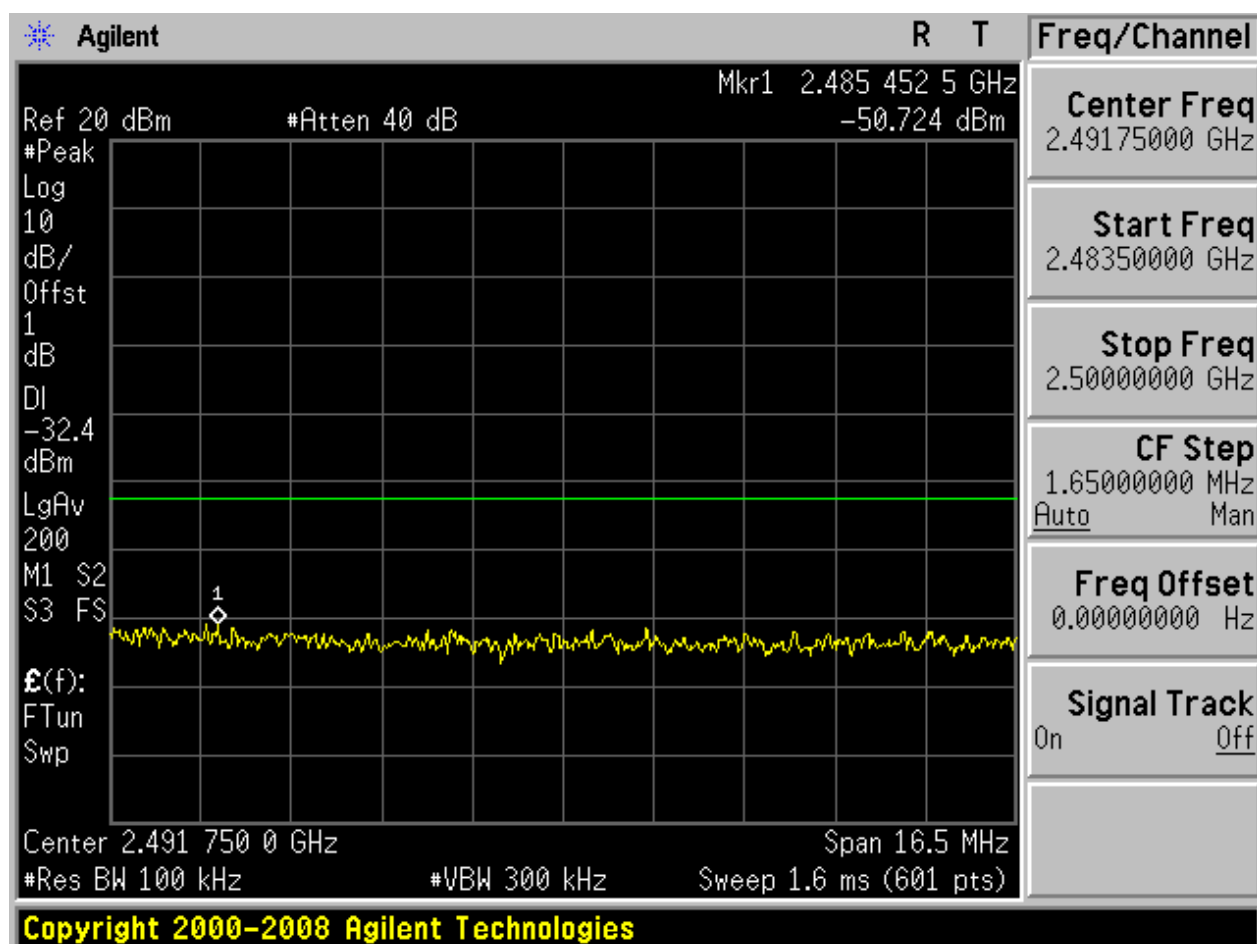
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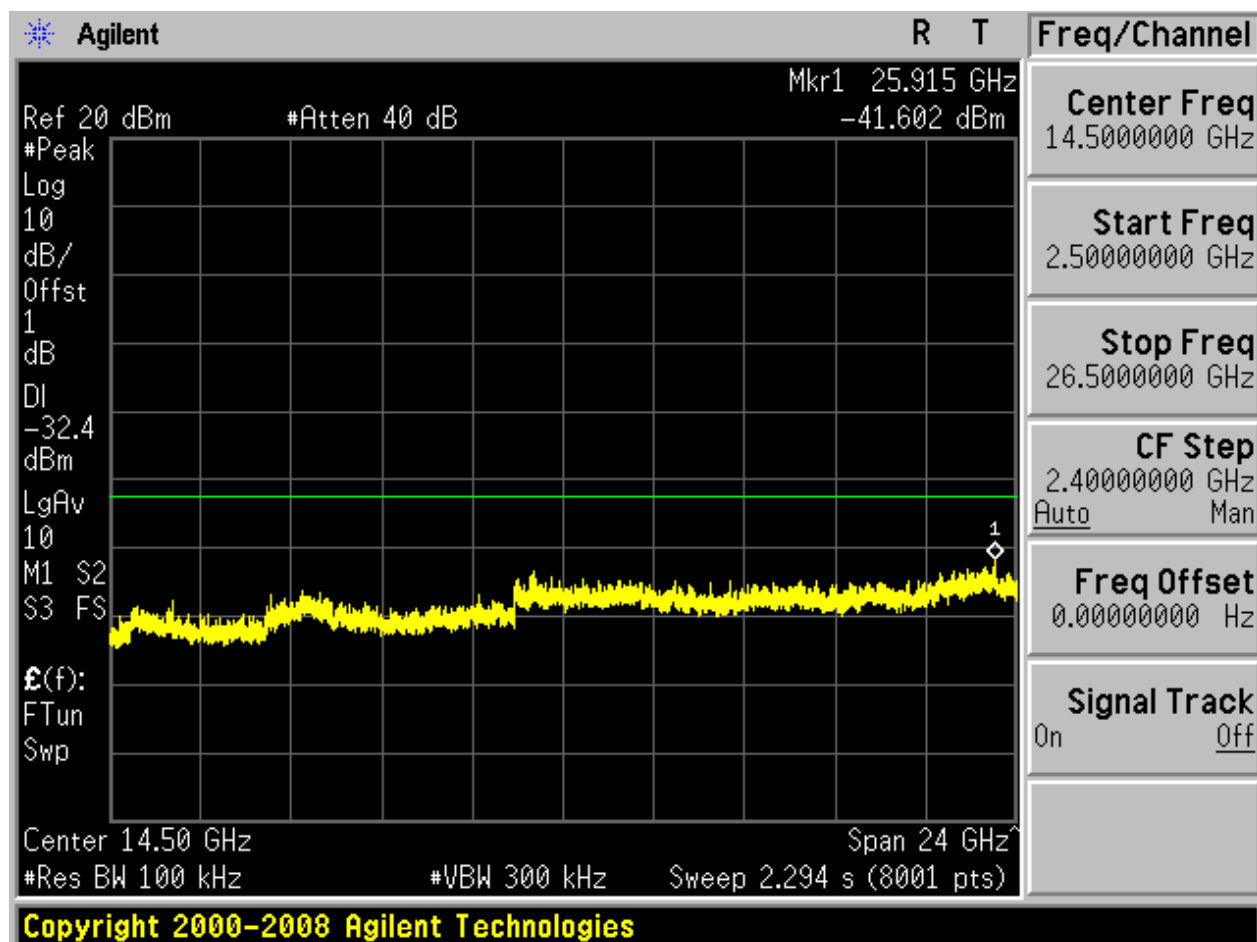






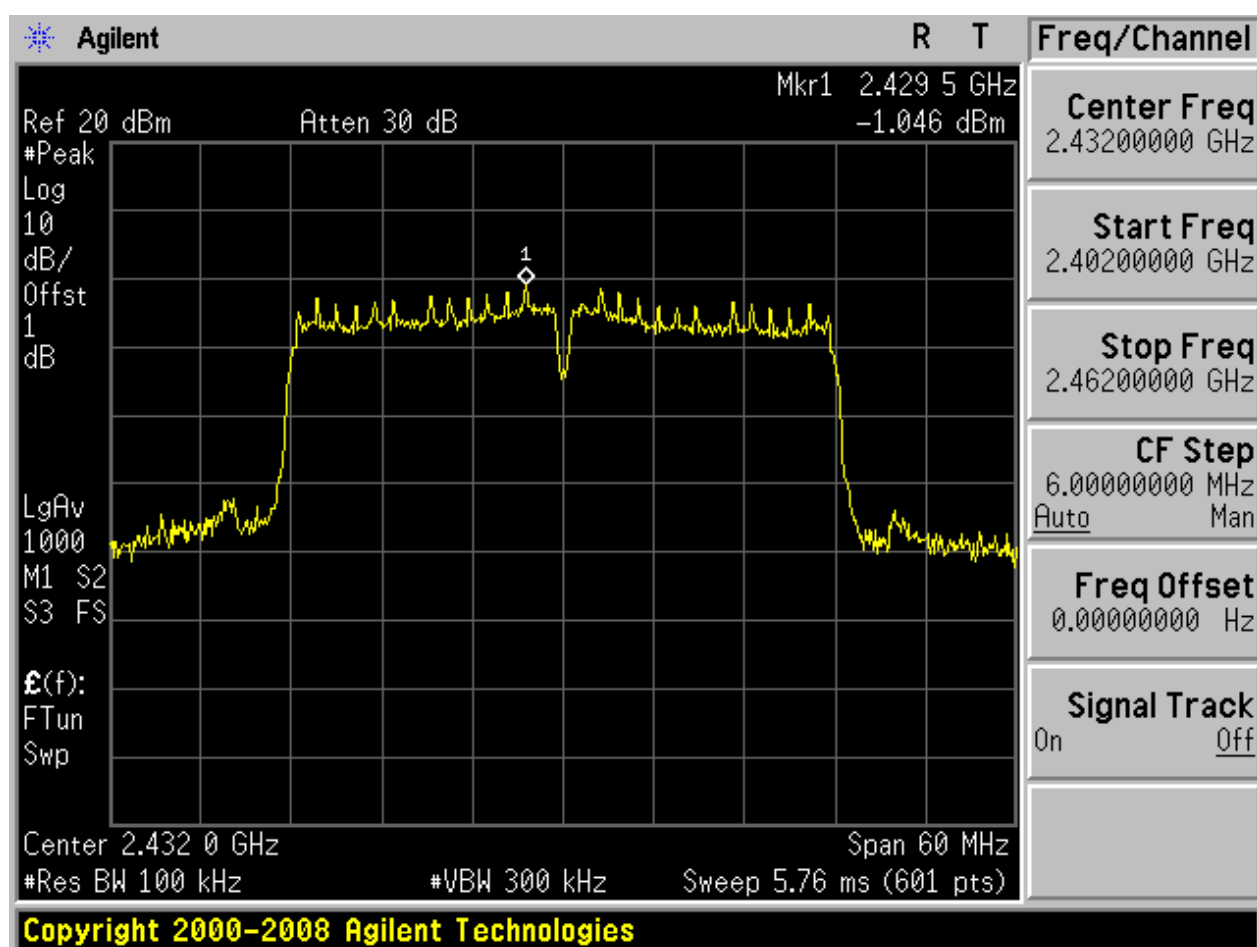






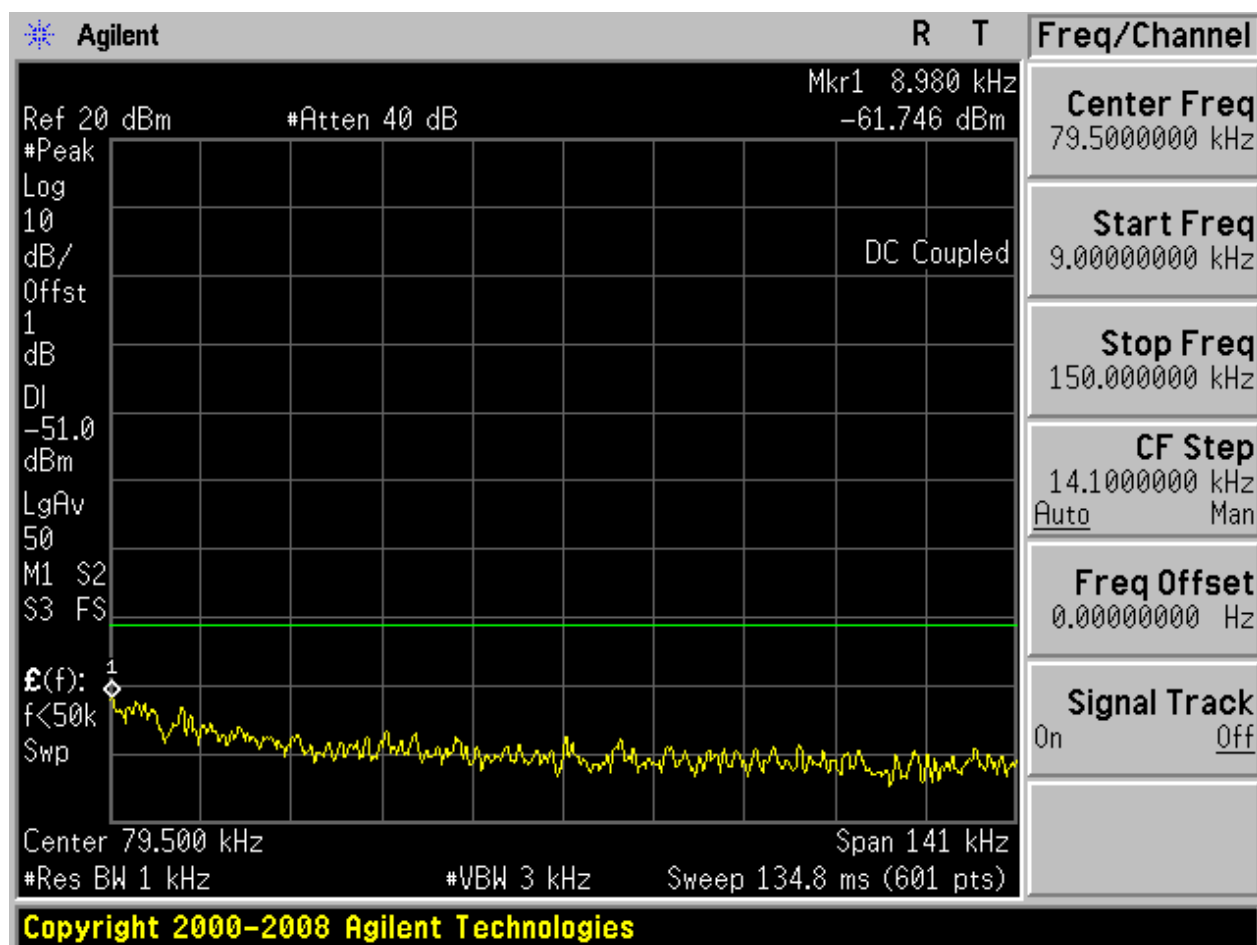
2.21 11N40_M@Ant 1

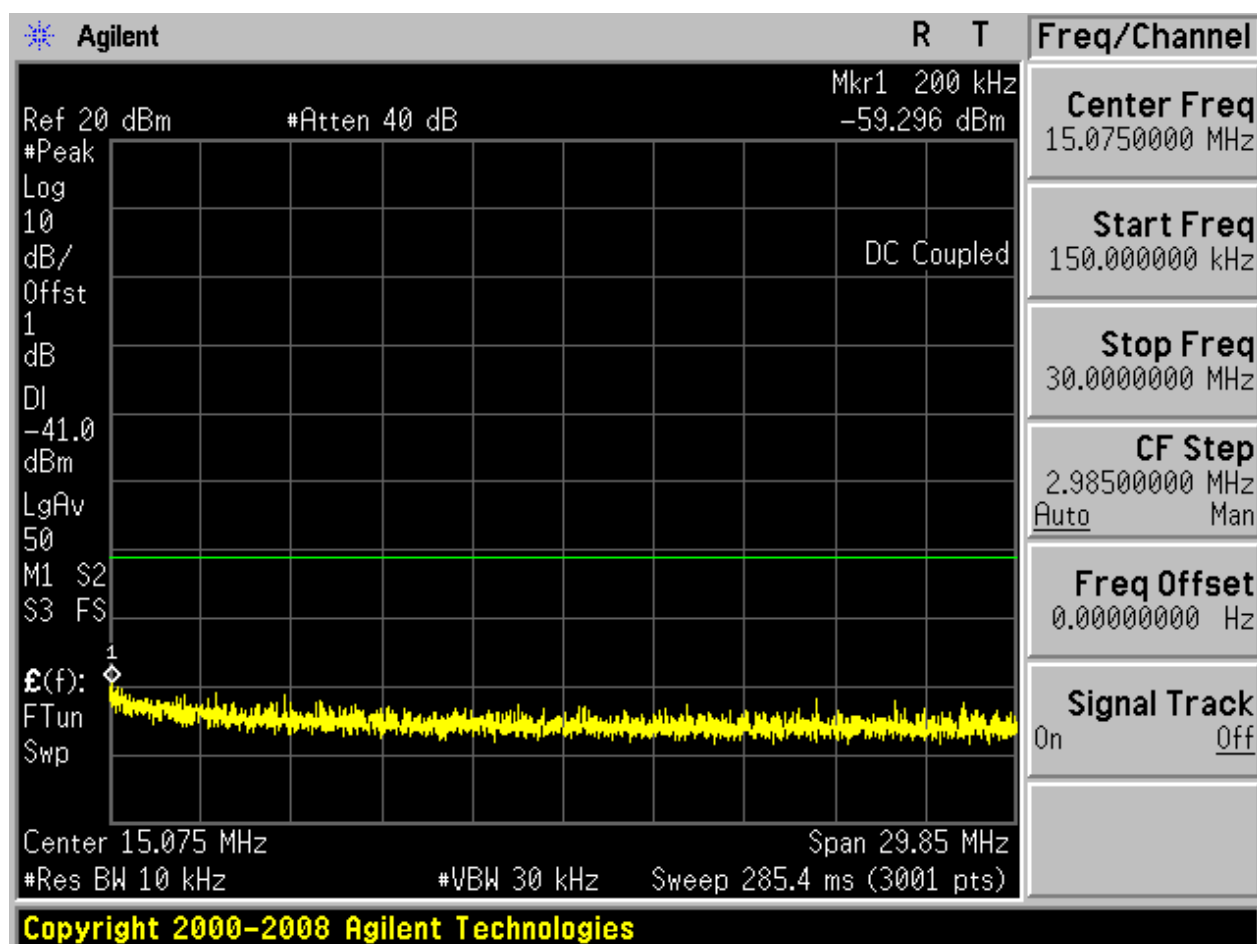
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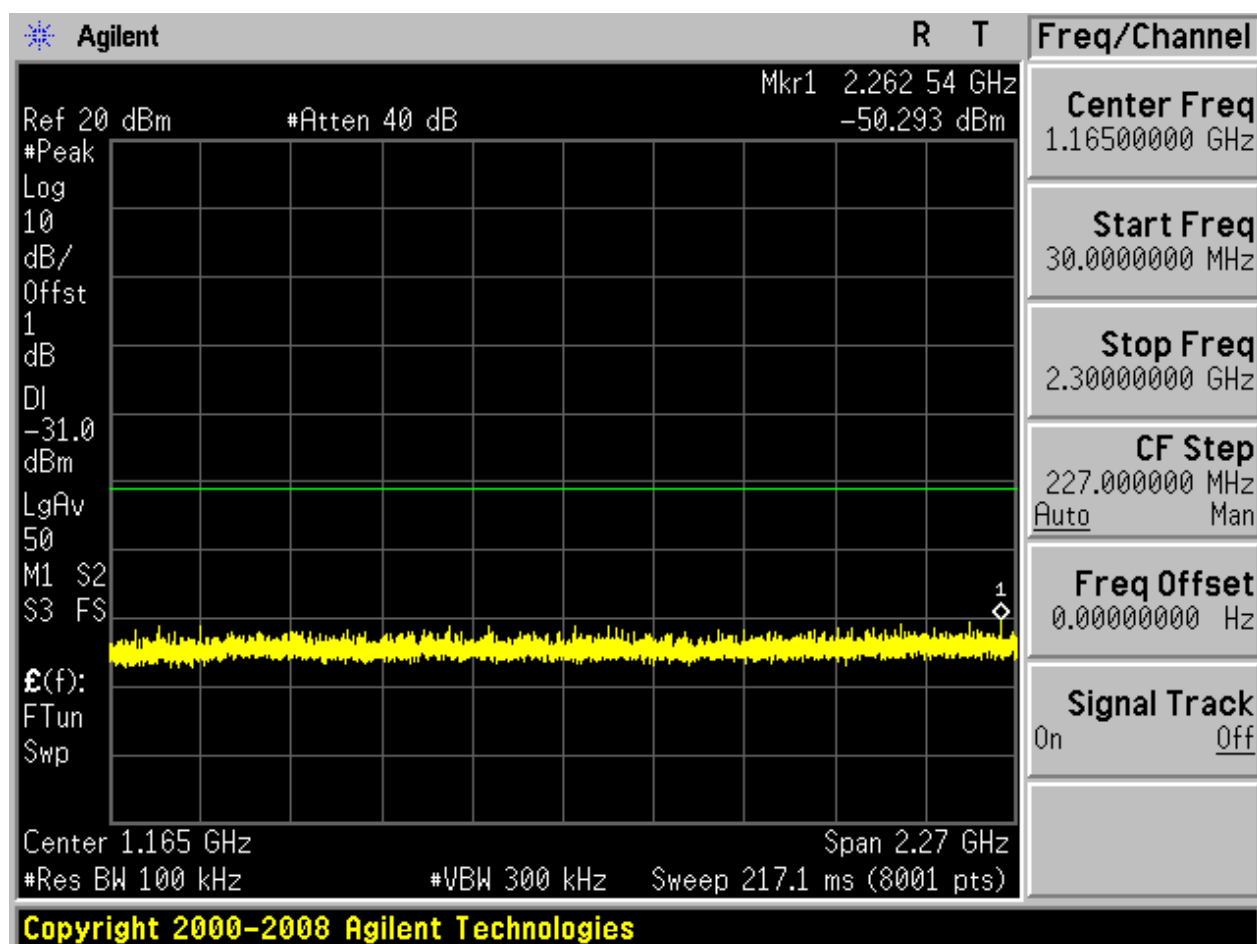


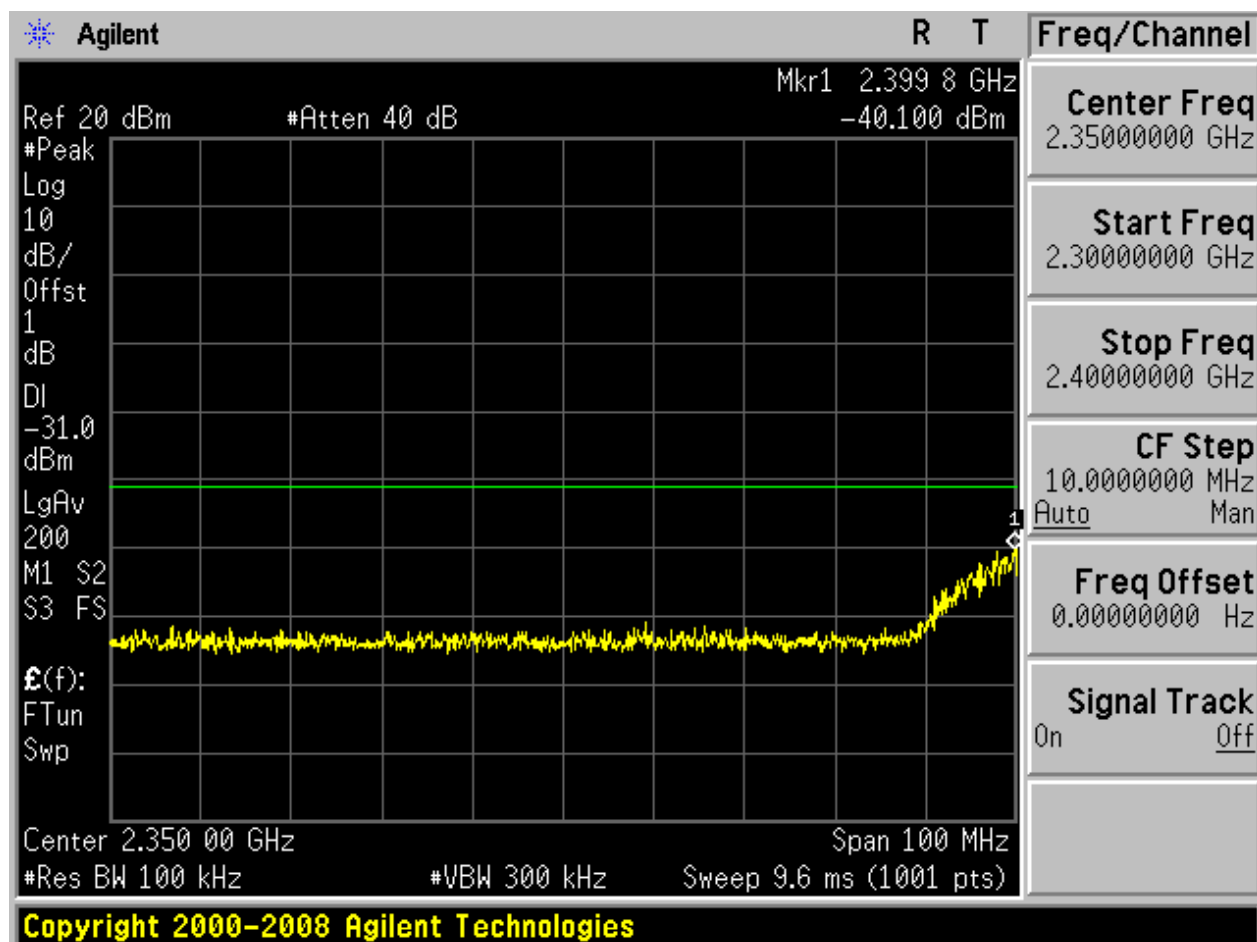


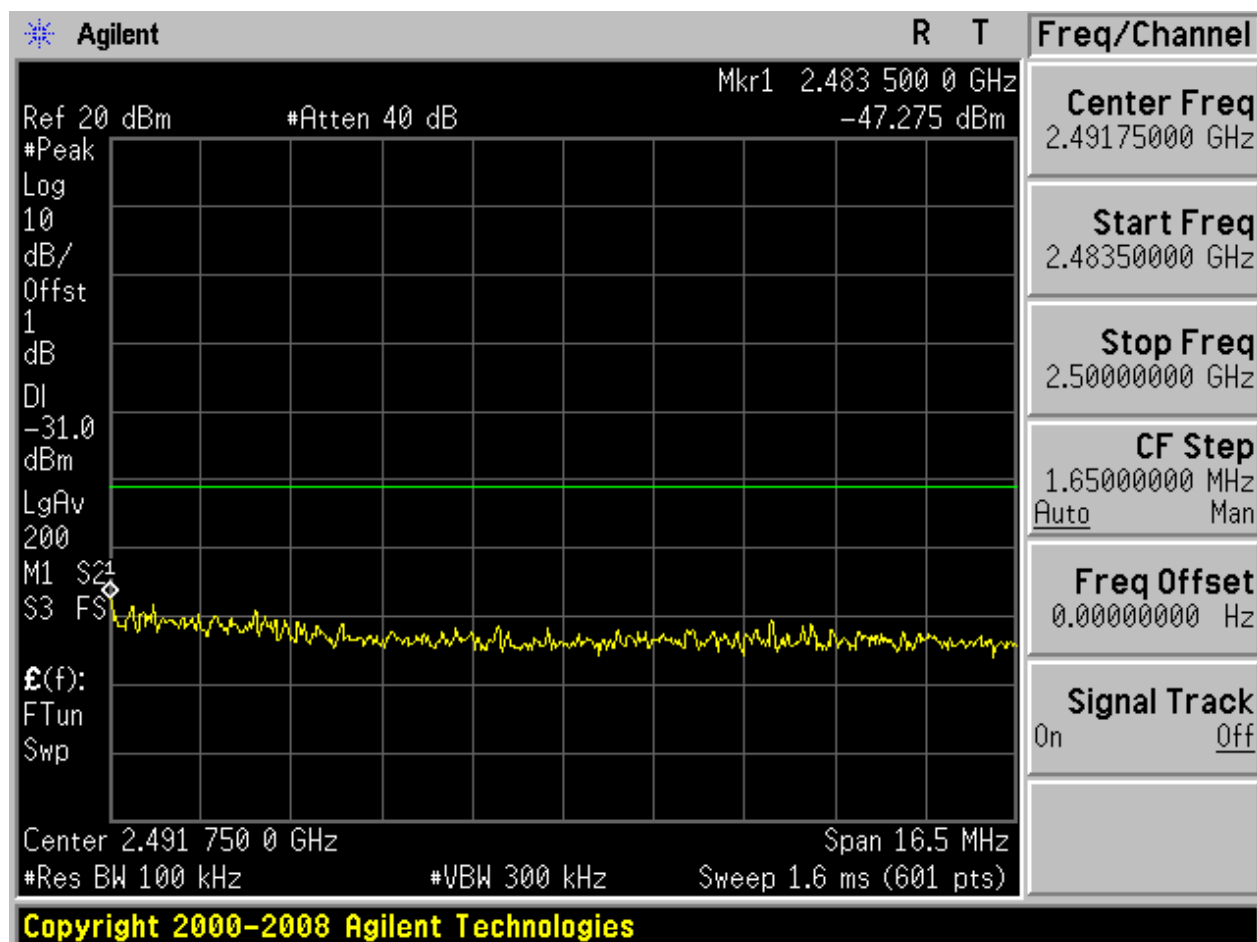
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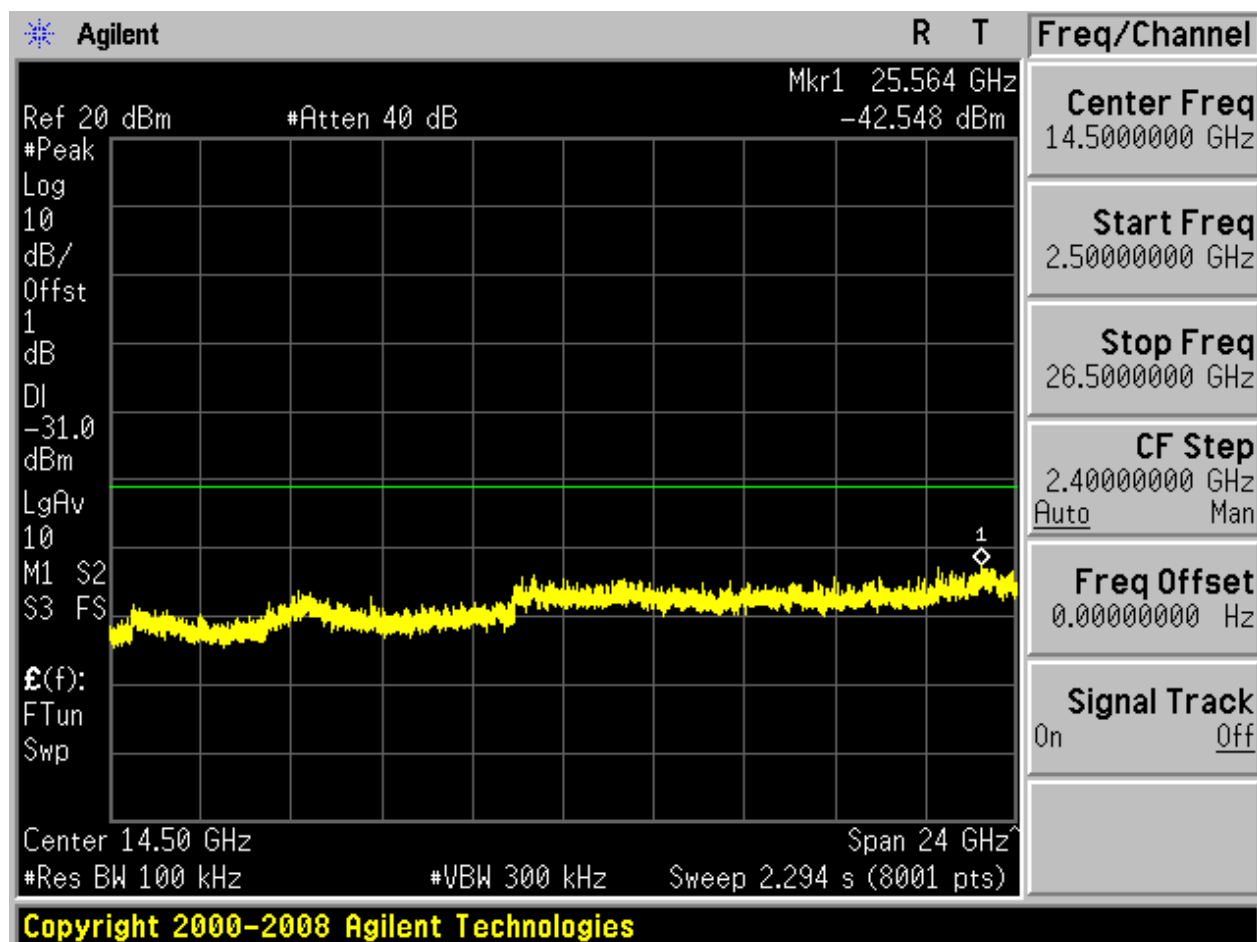








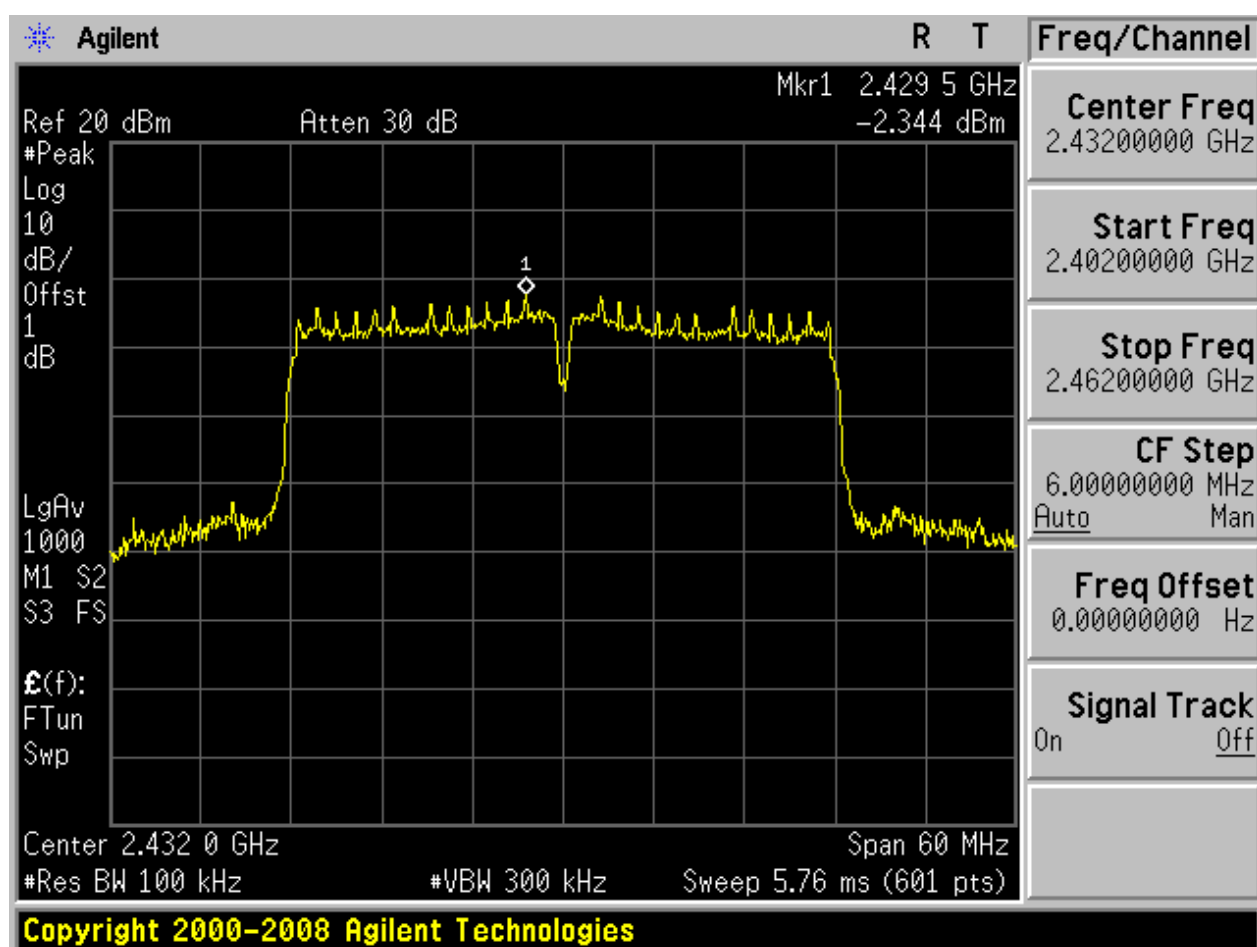






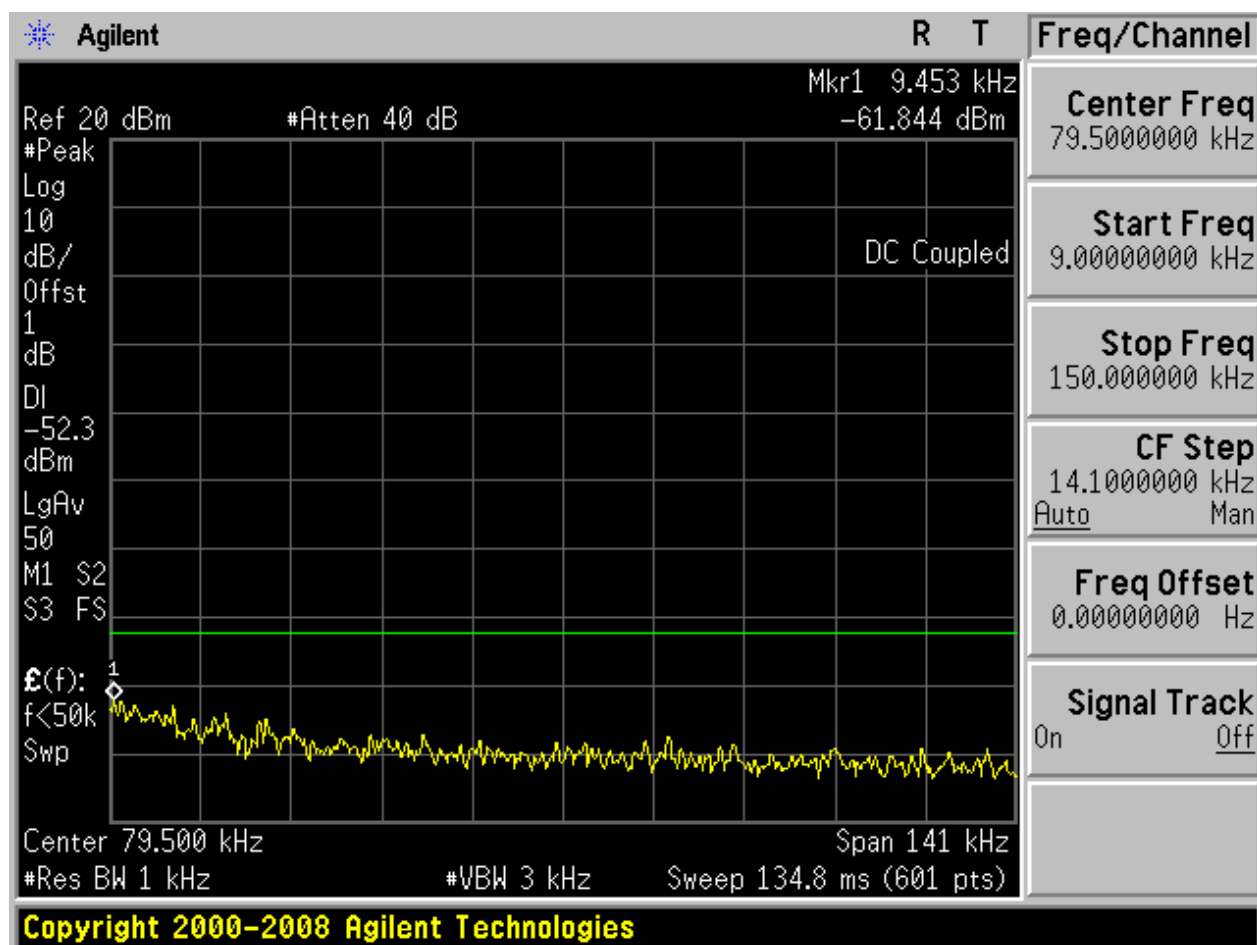
2.22 11N40_M@Ant 2

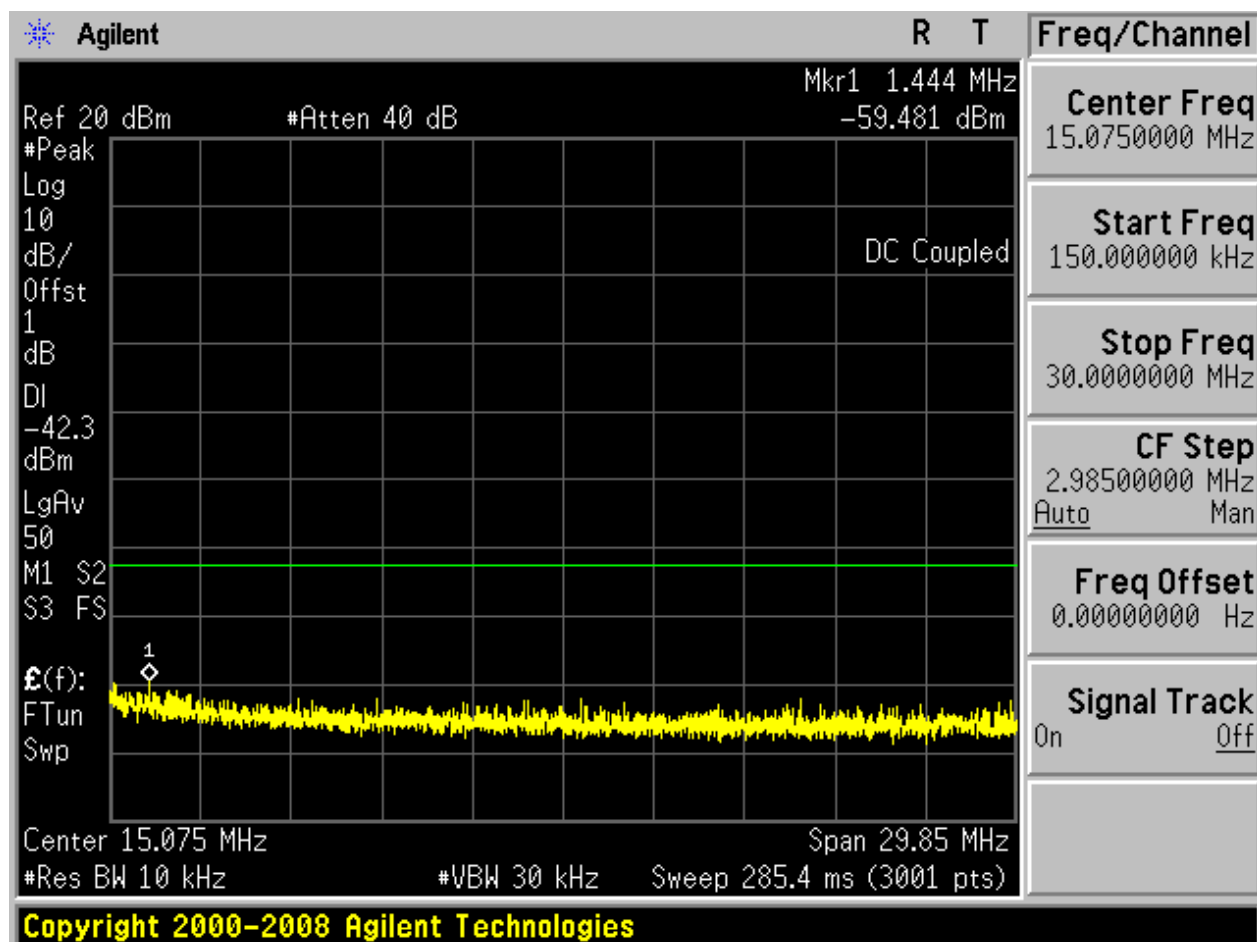
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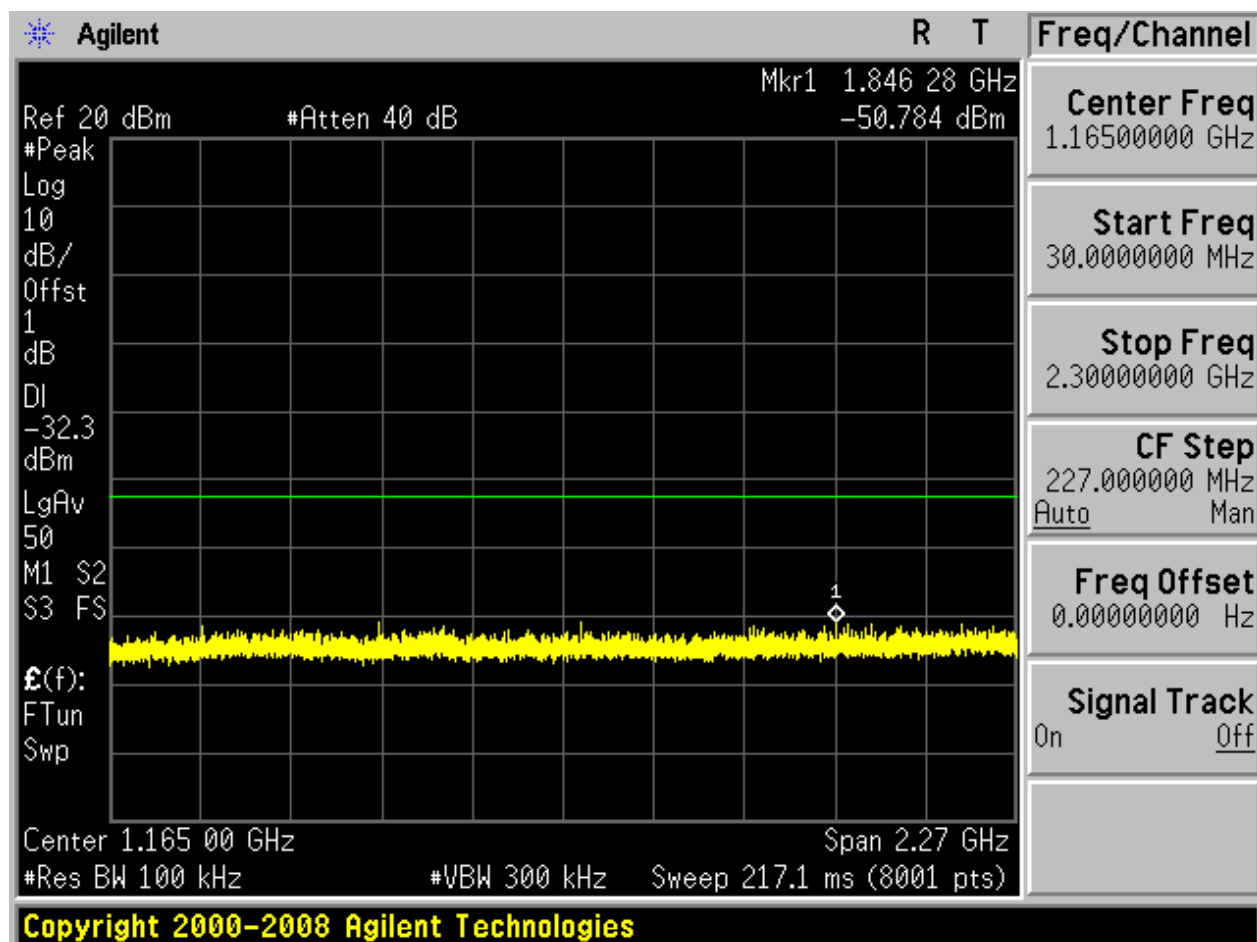


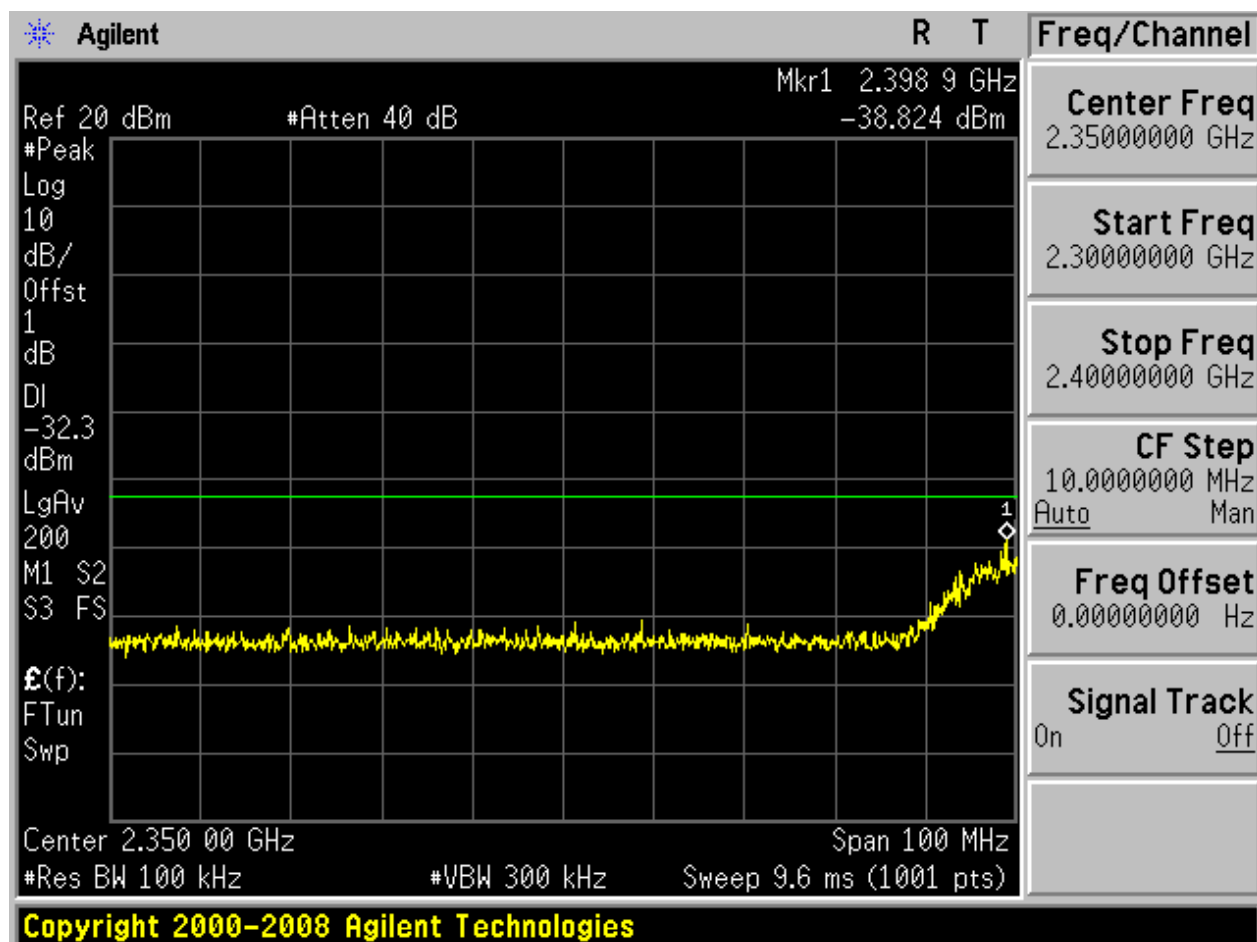


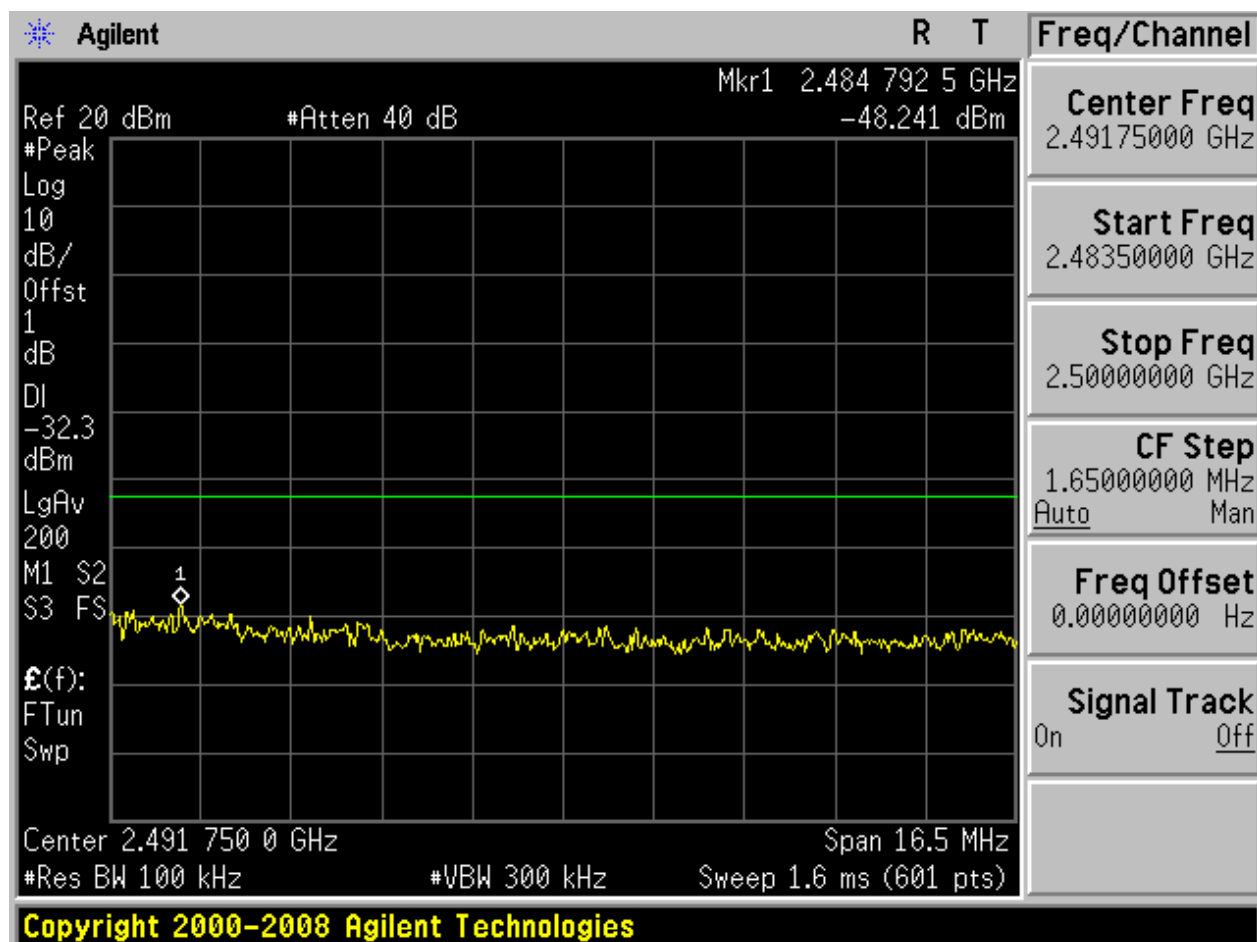
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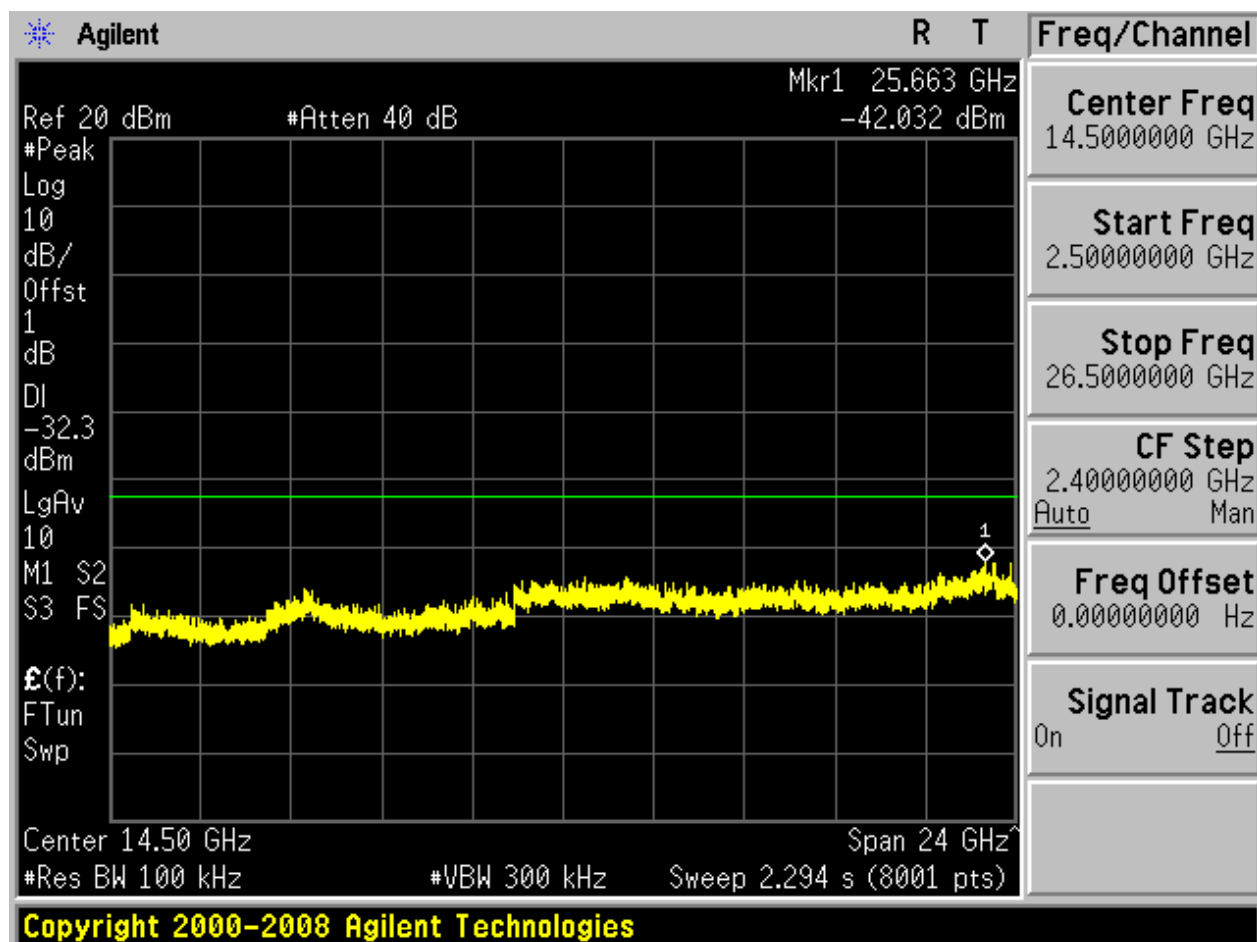






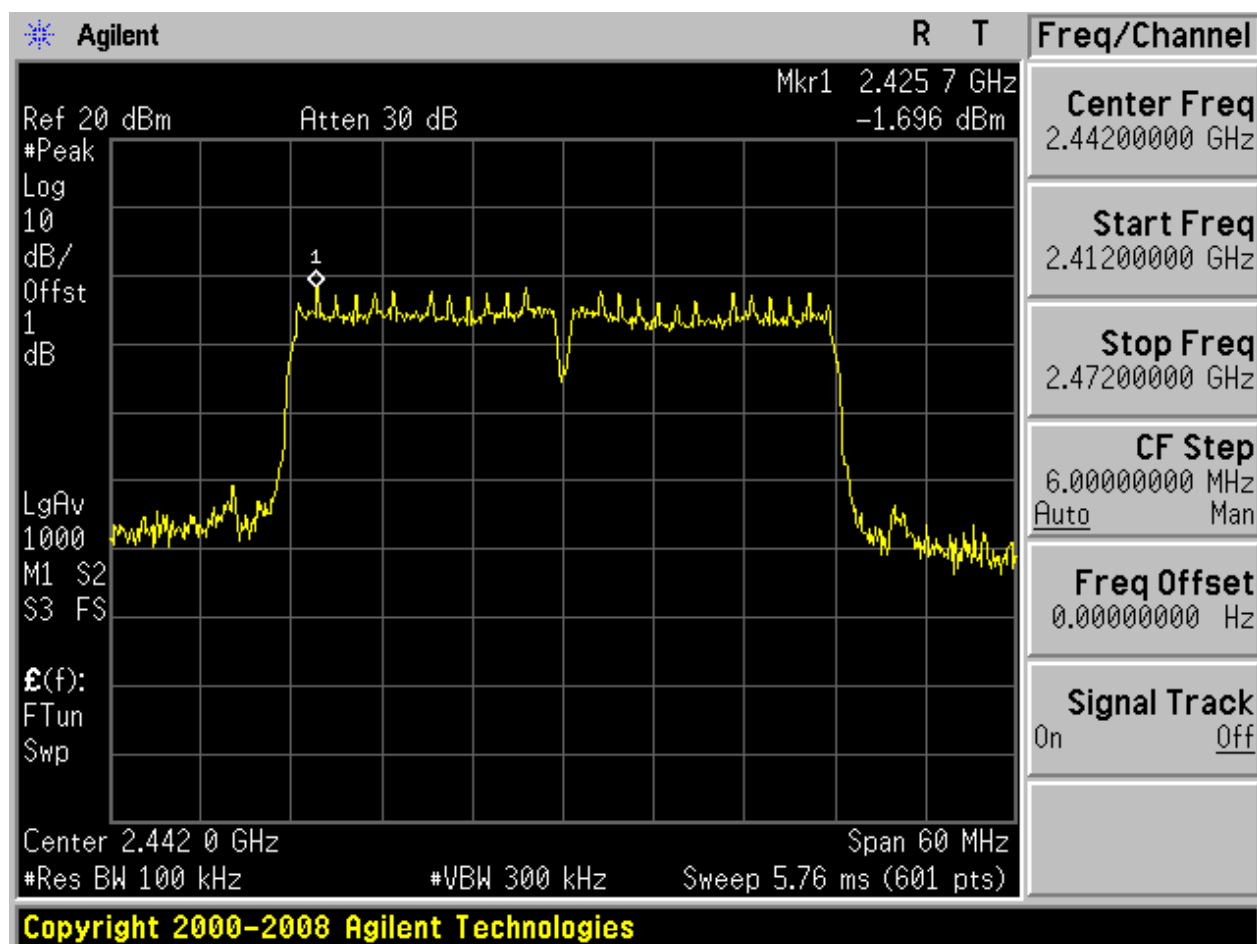






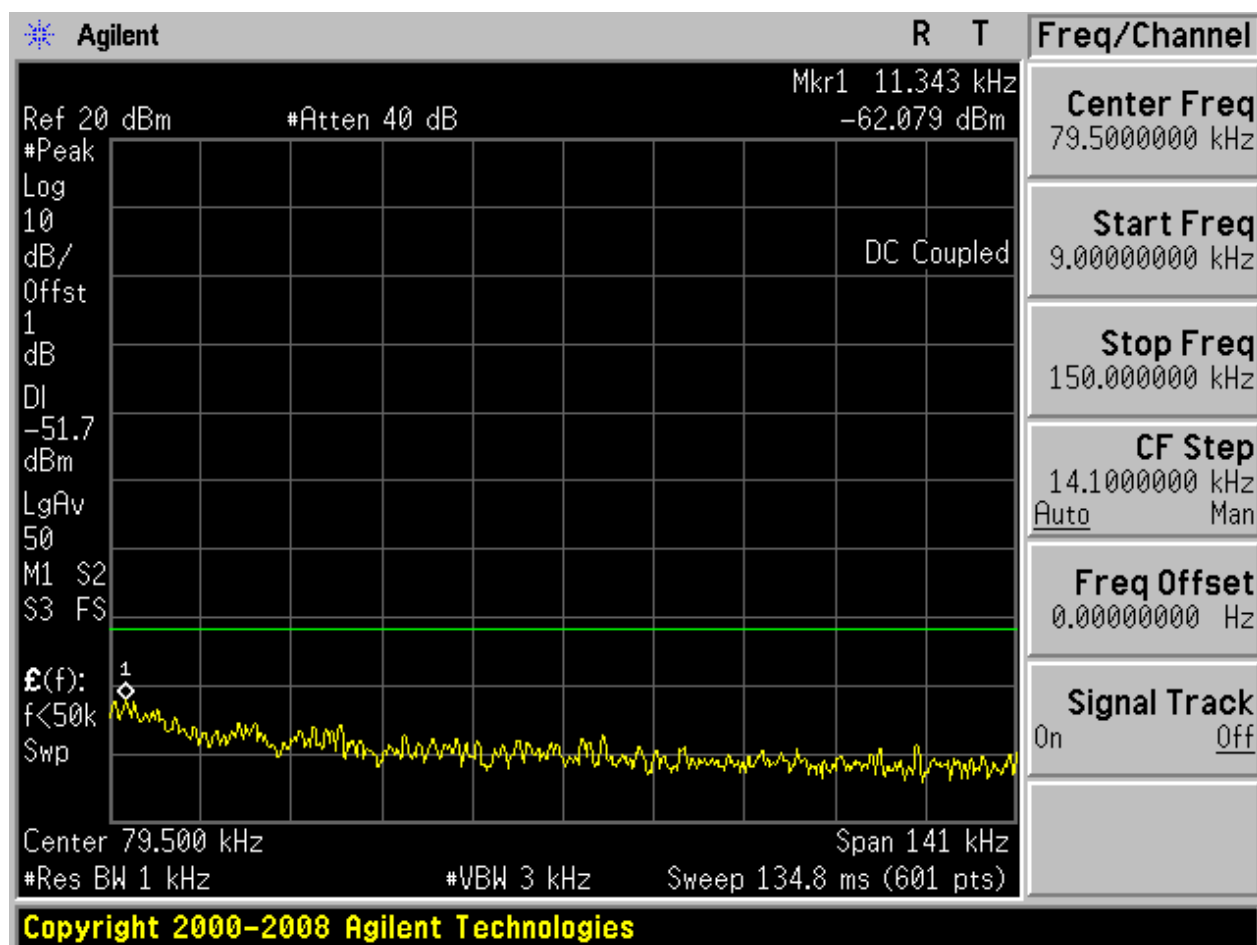
2.23 11N40_H@Ant 1

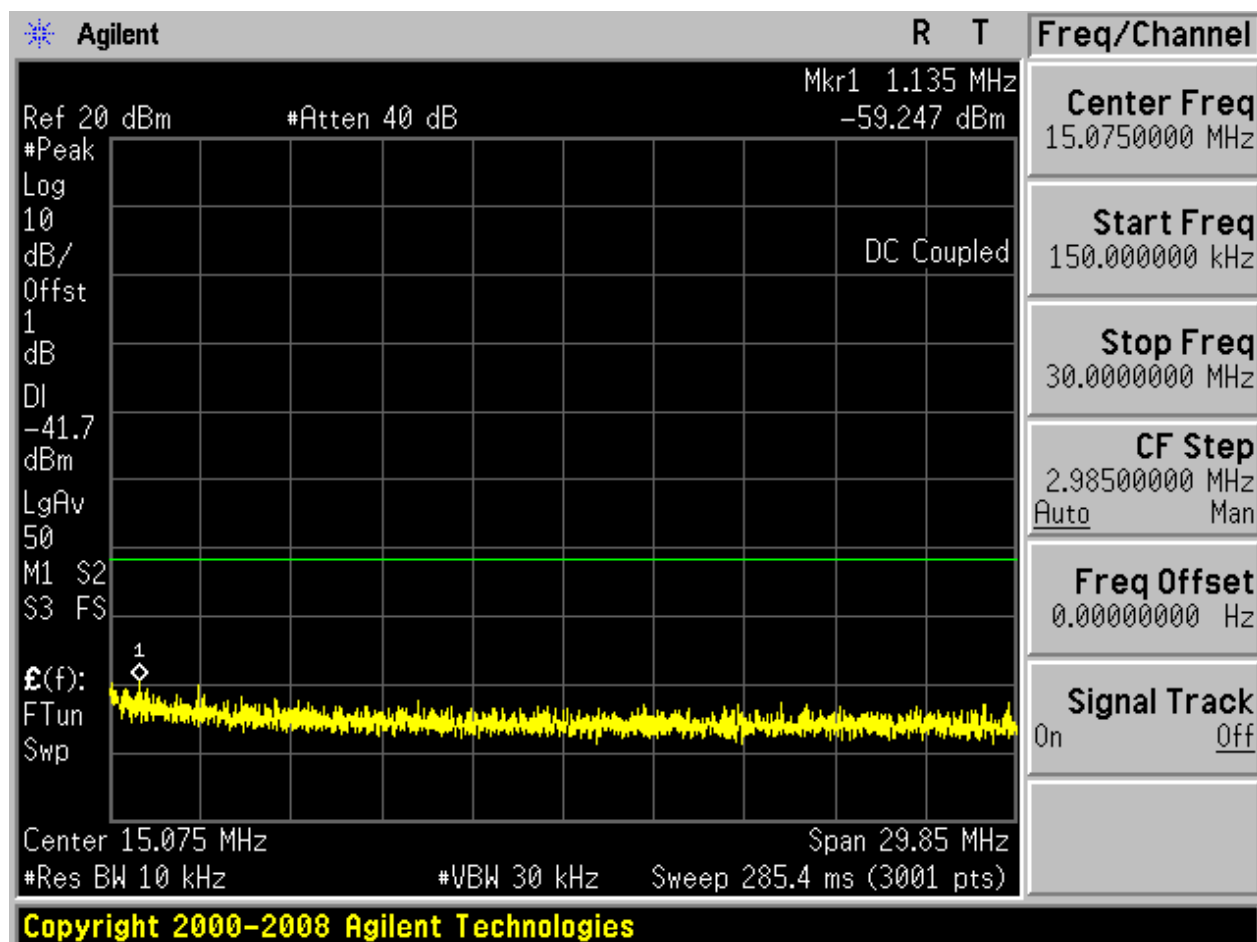
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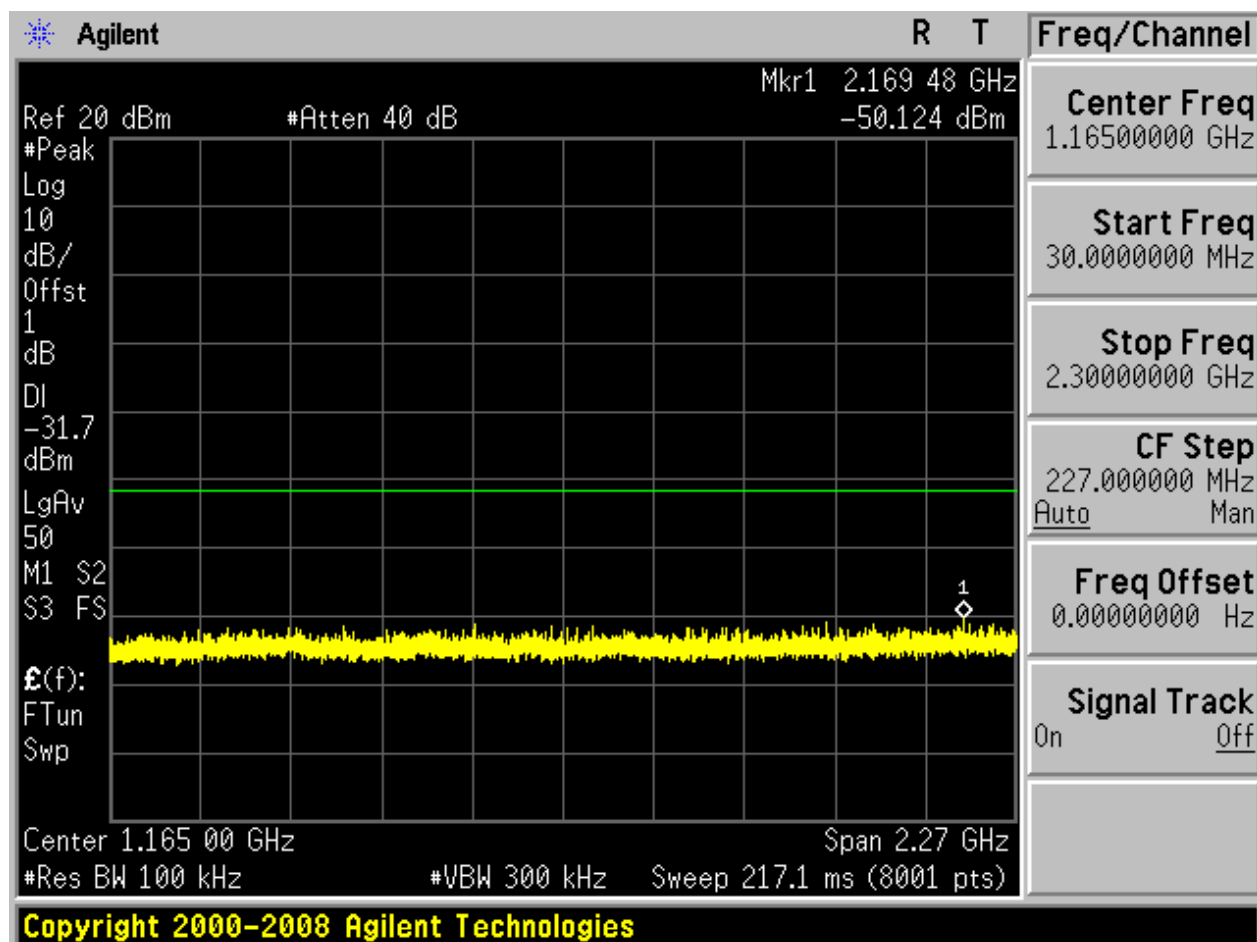


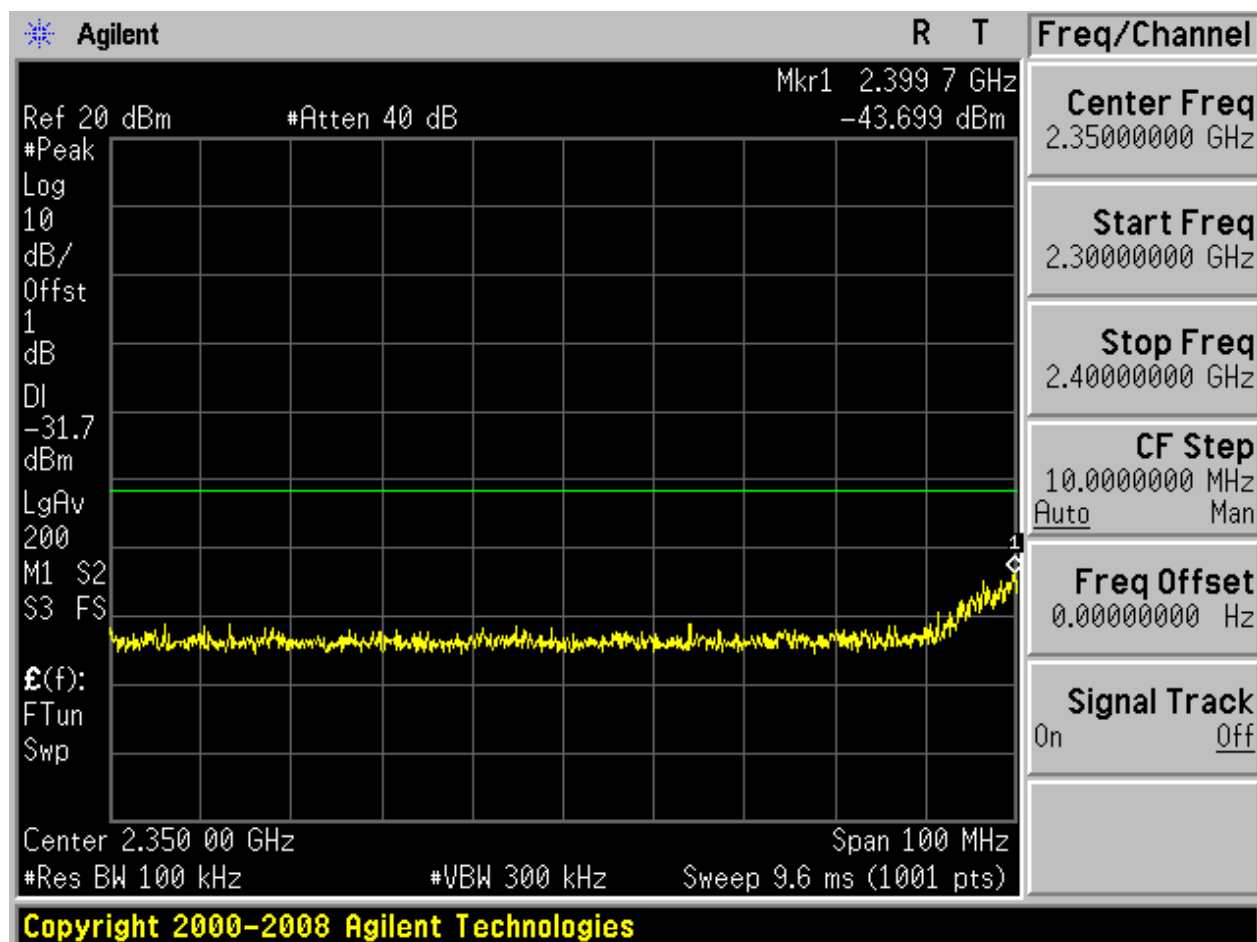


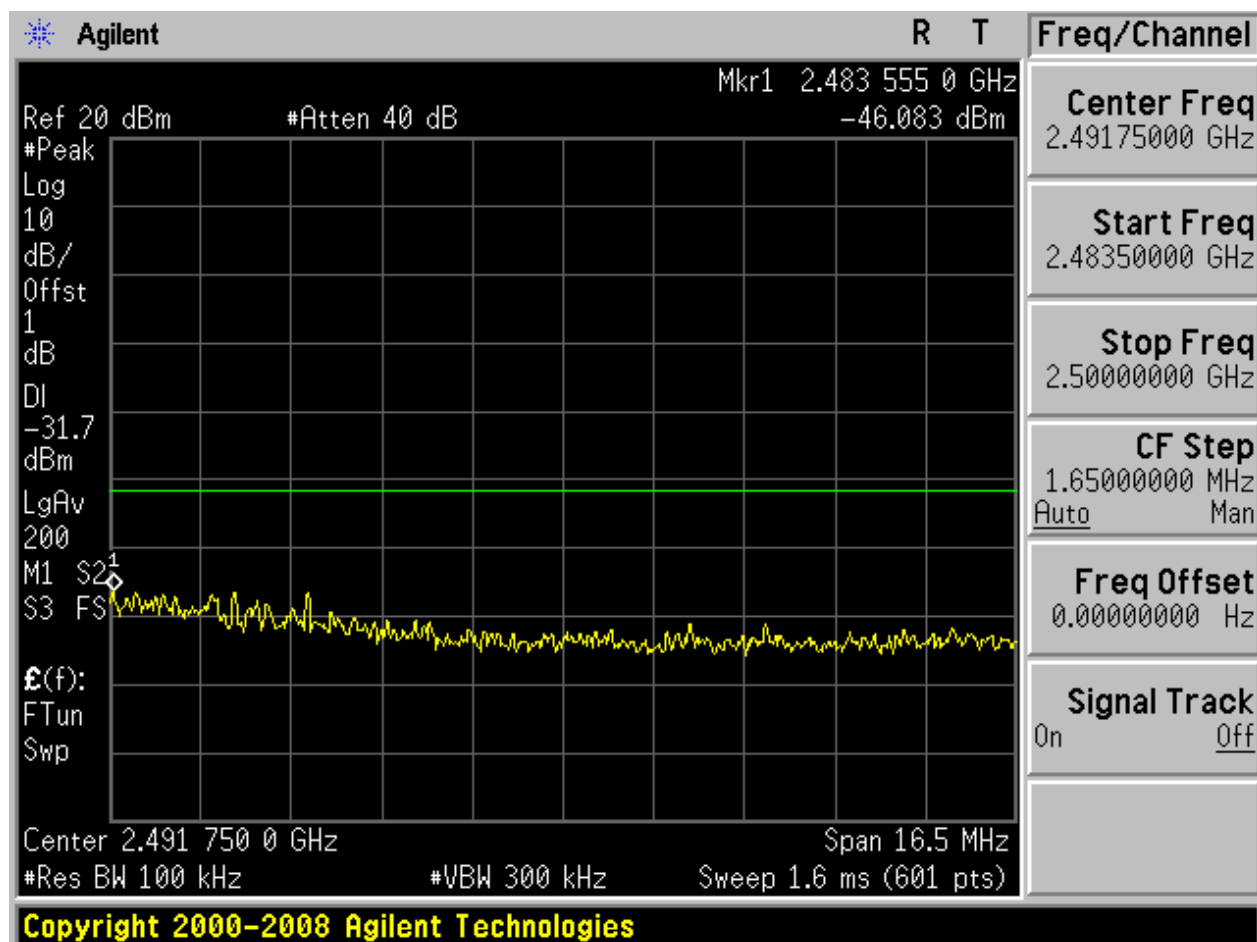
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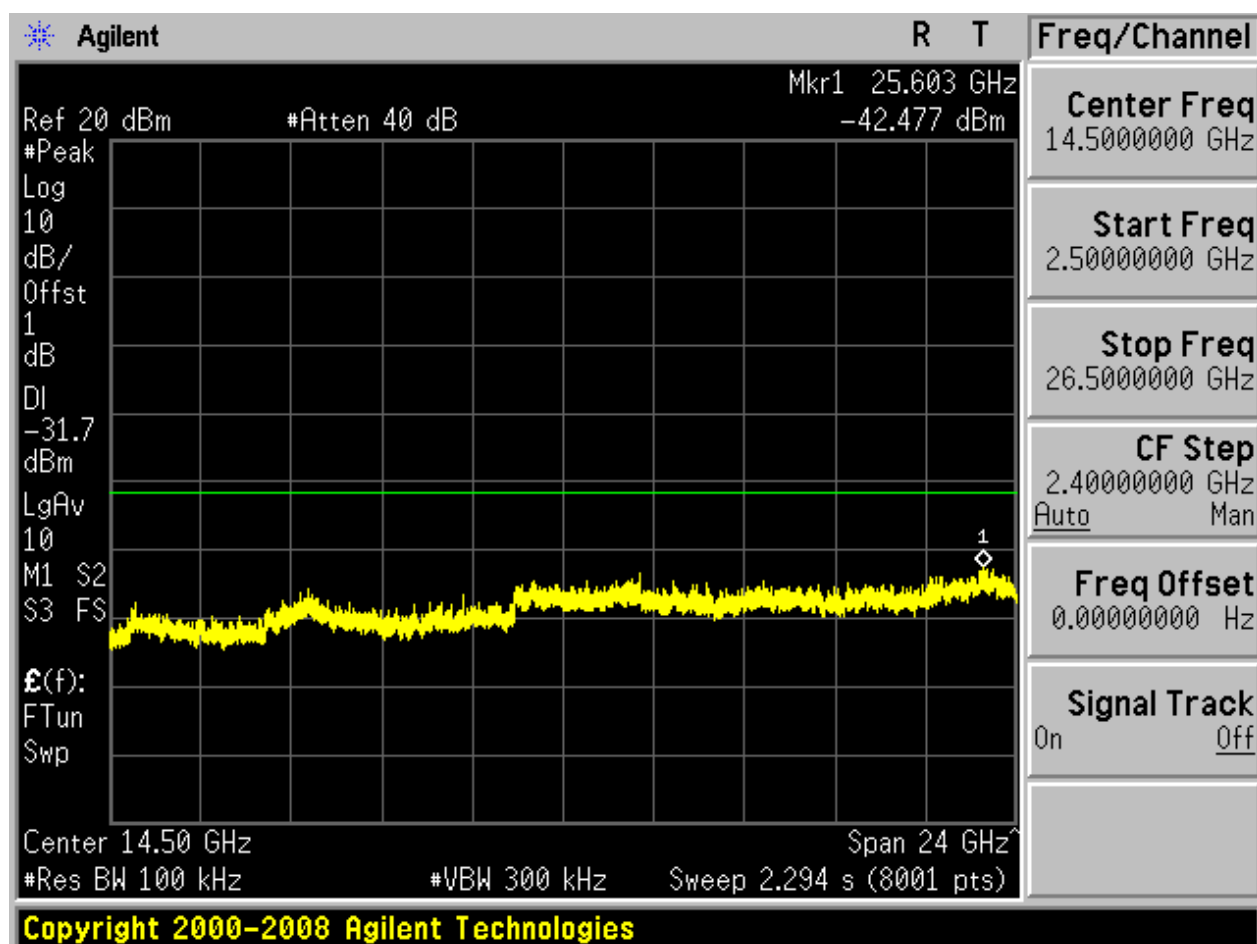






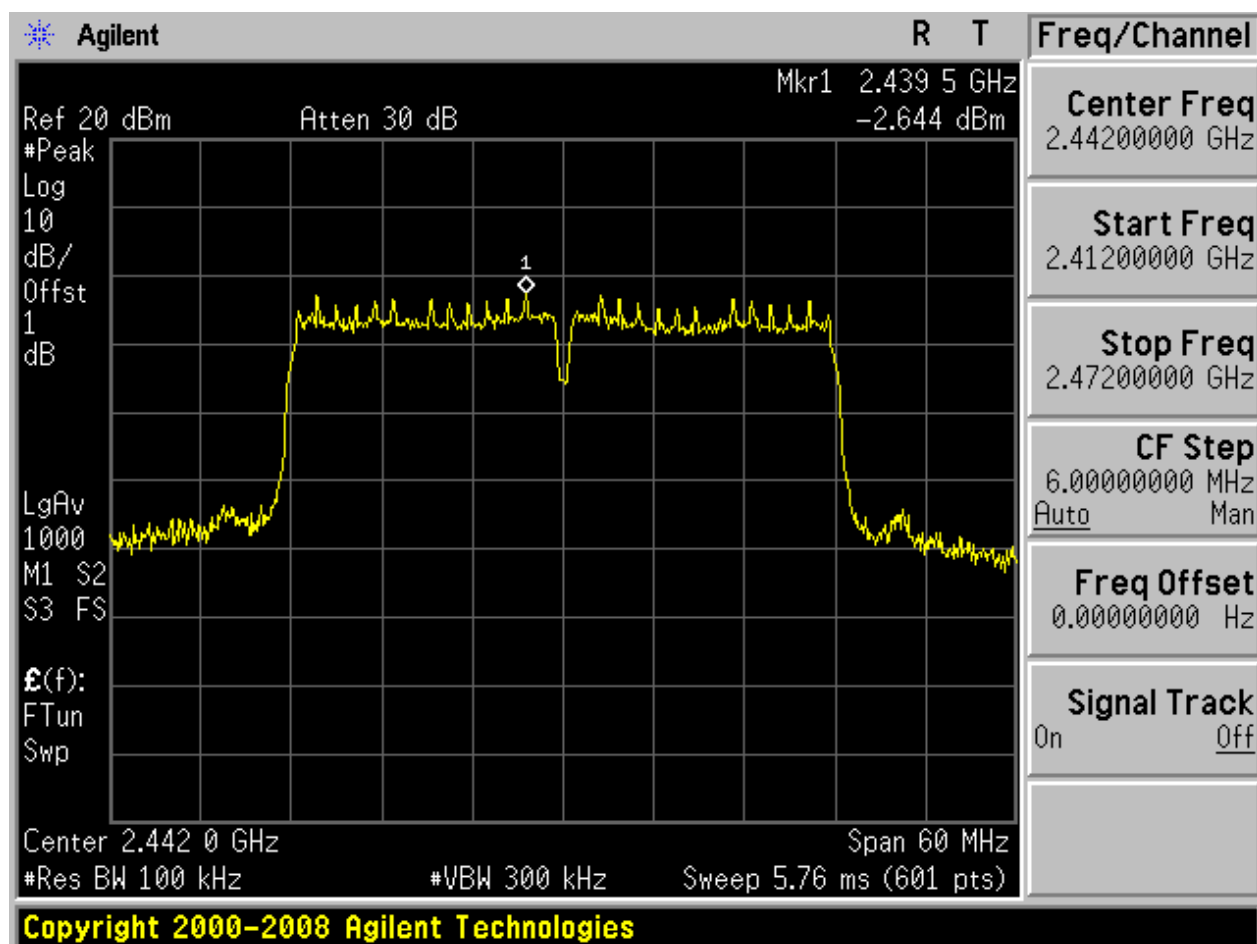




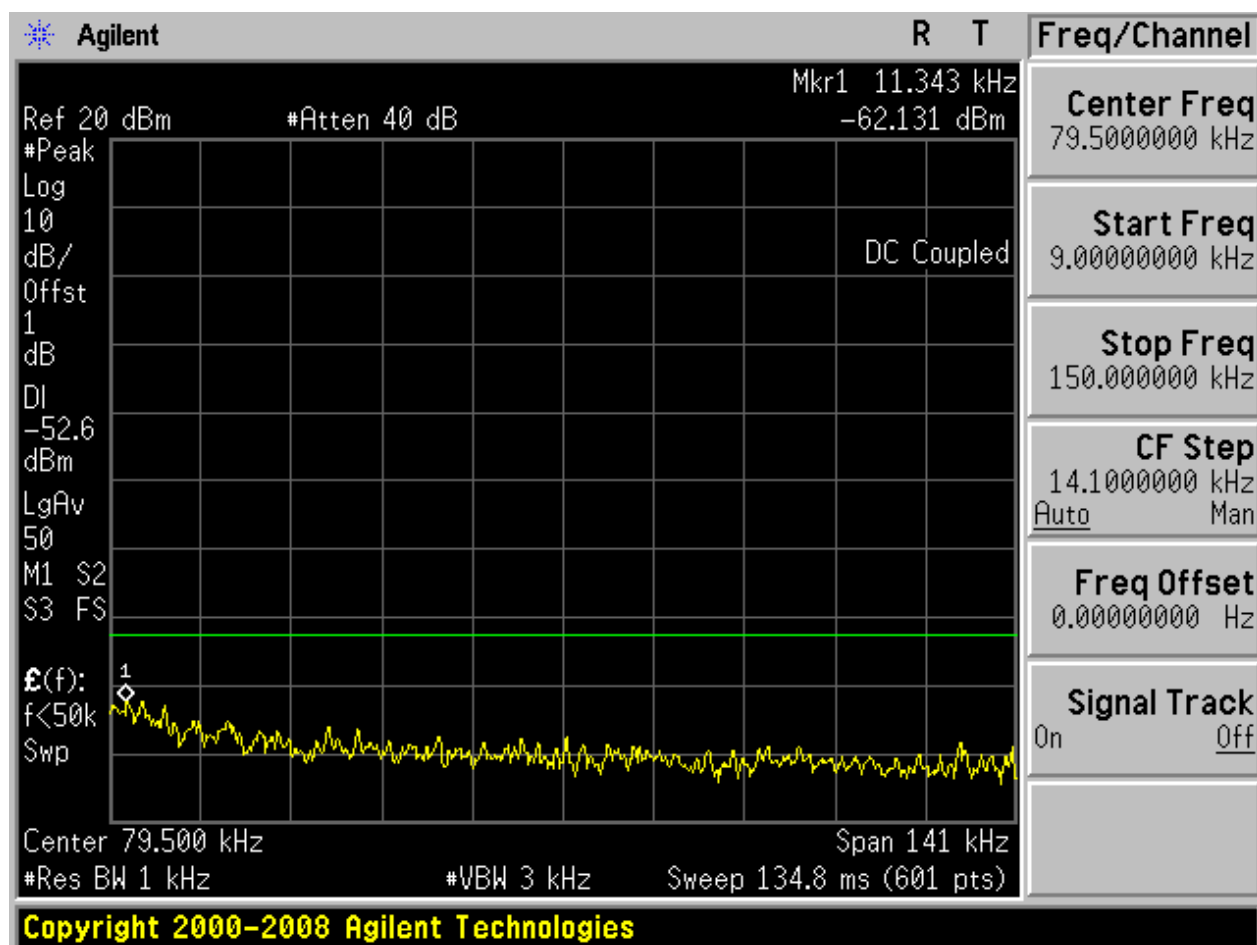


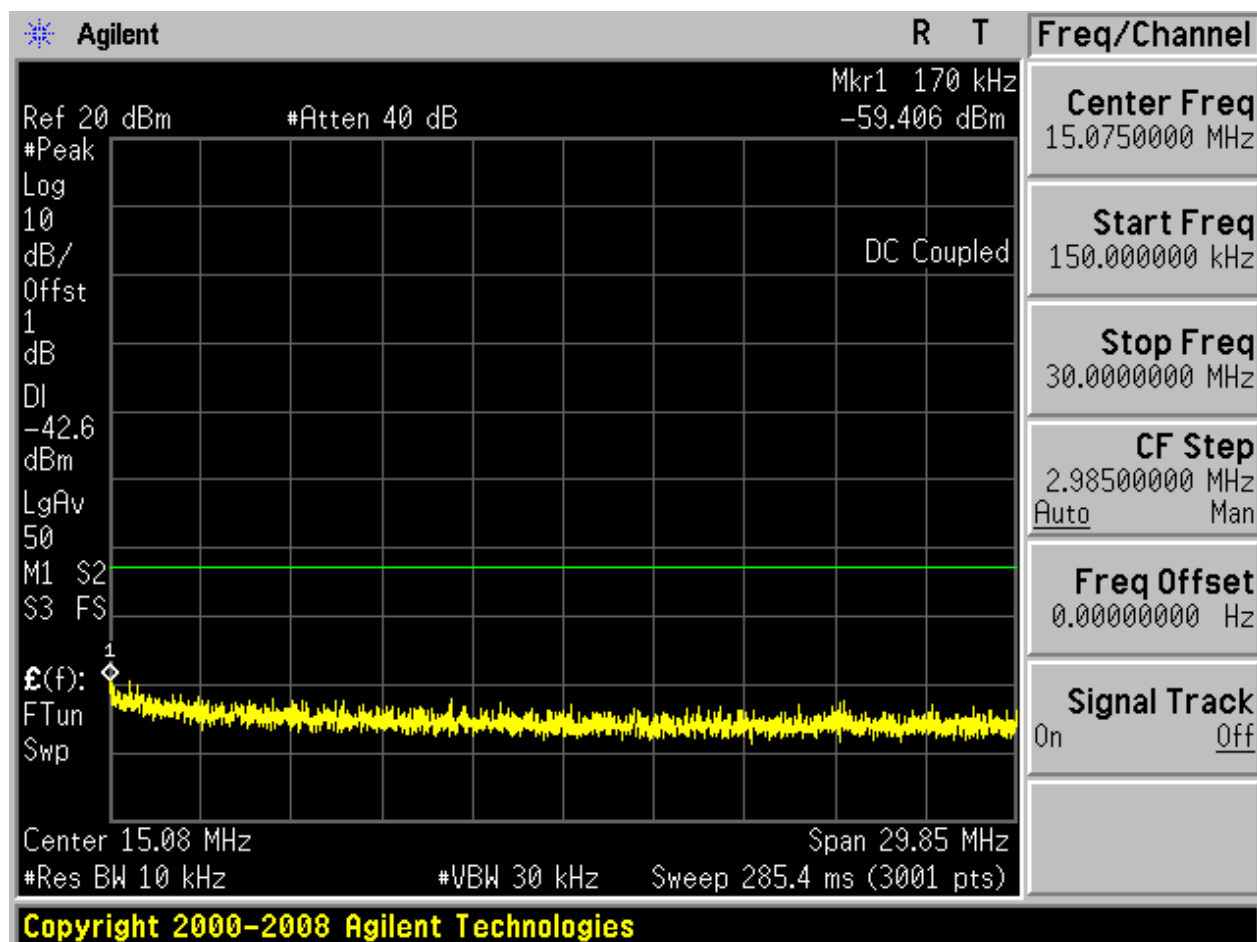
2.24 11N40_H@Ant 2

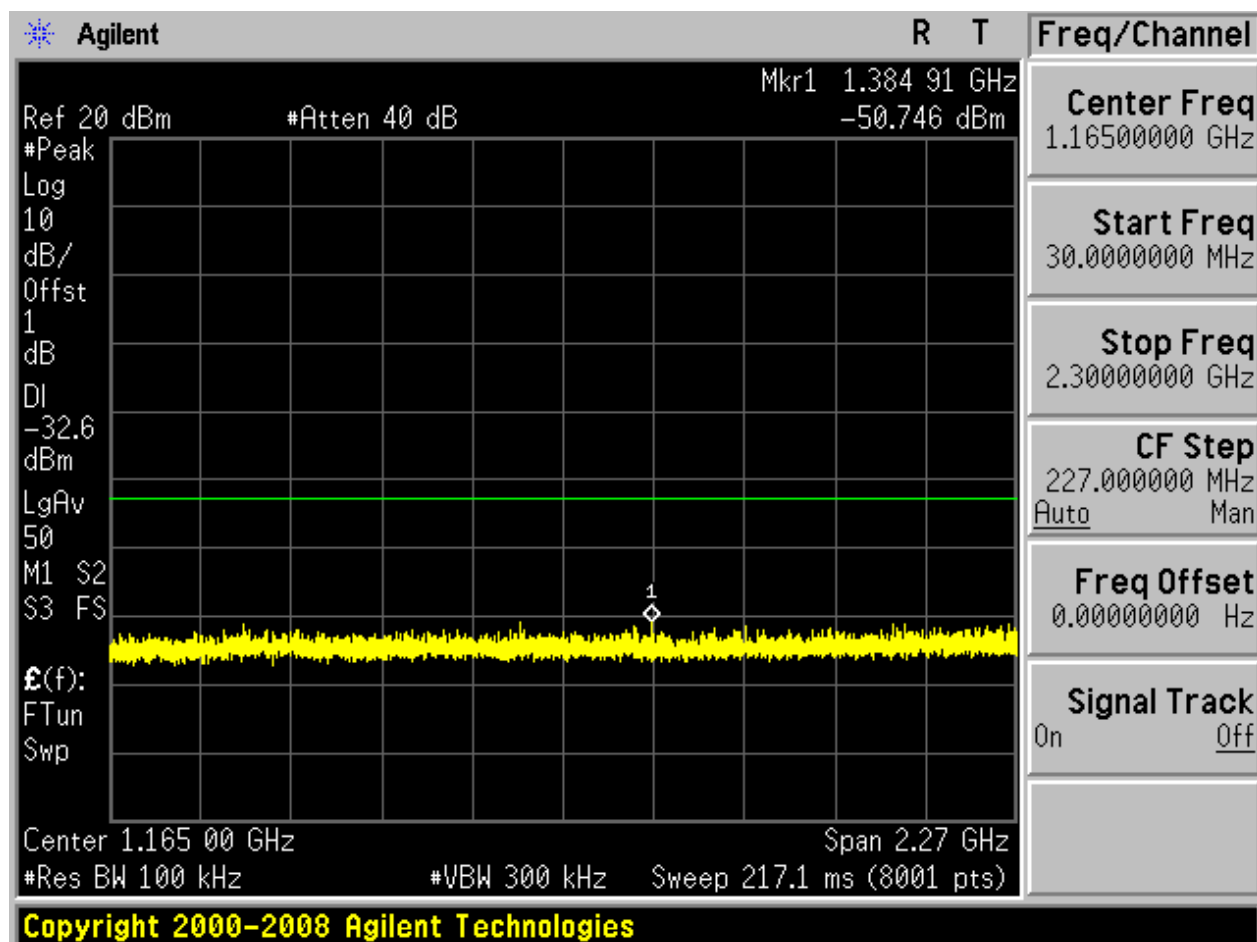
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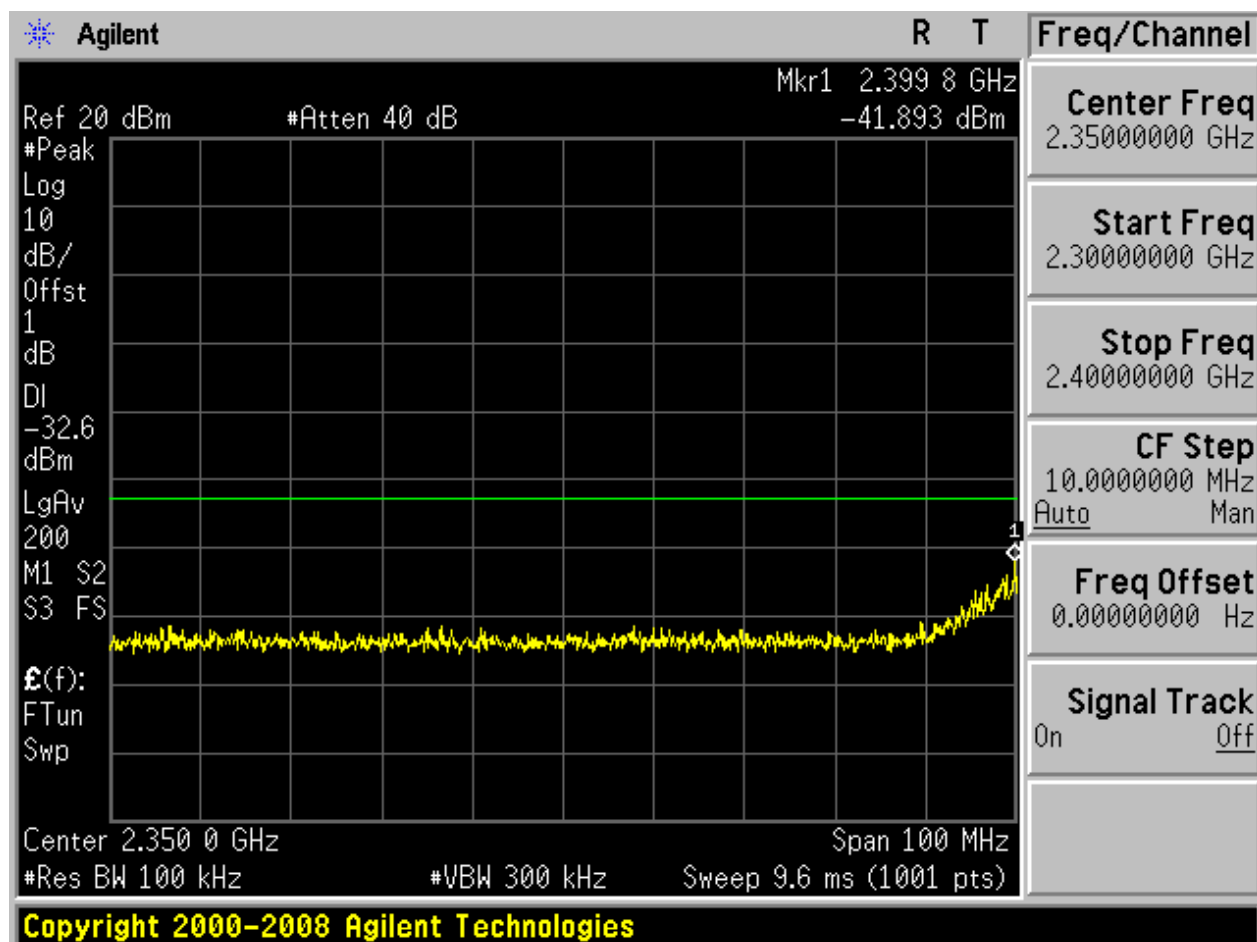


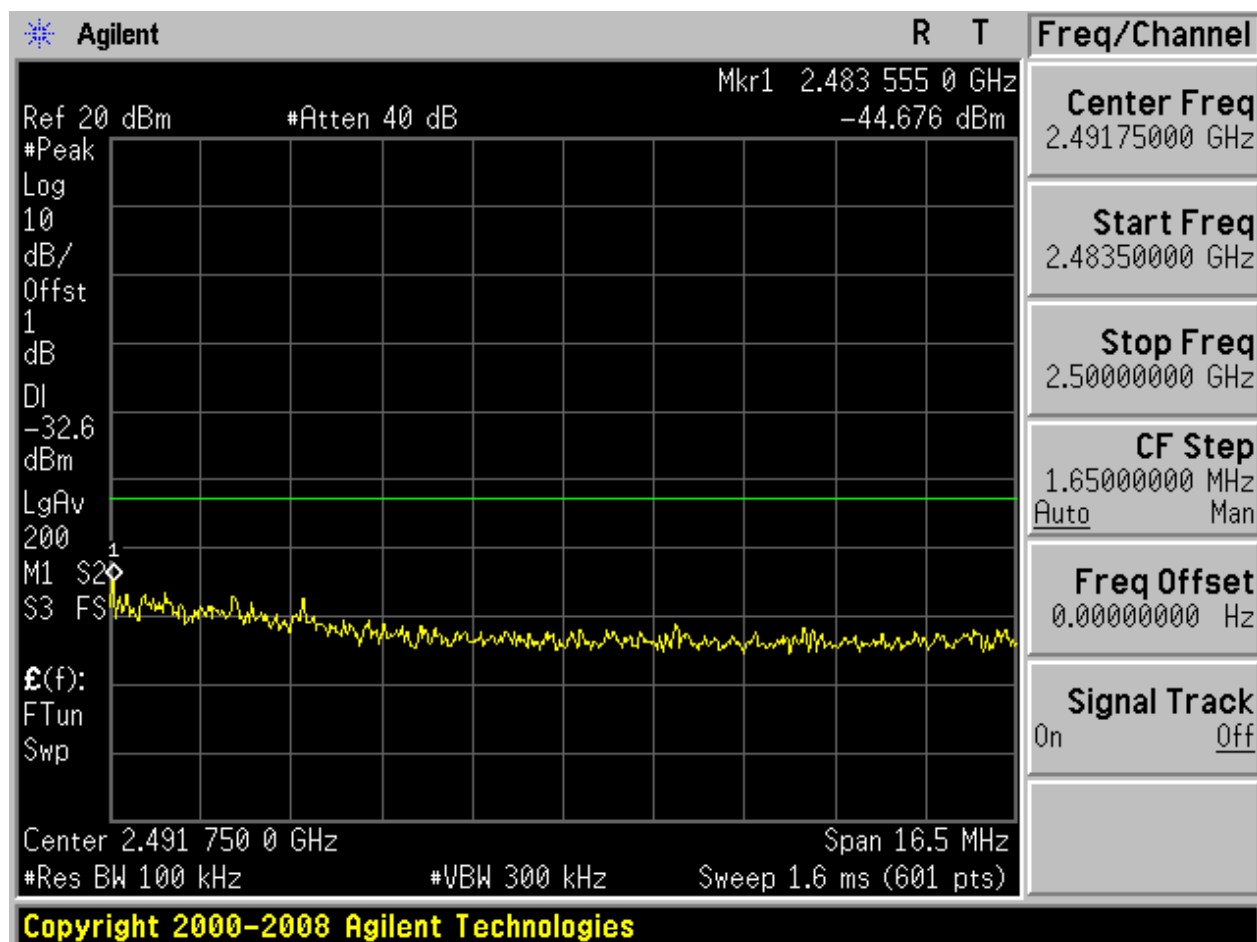
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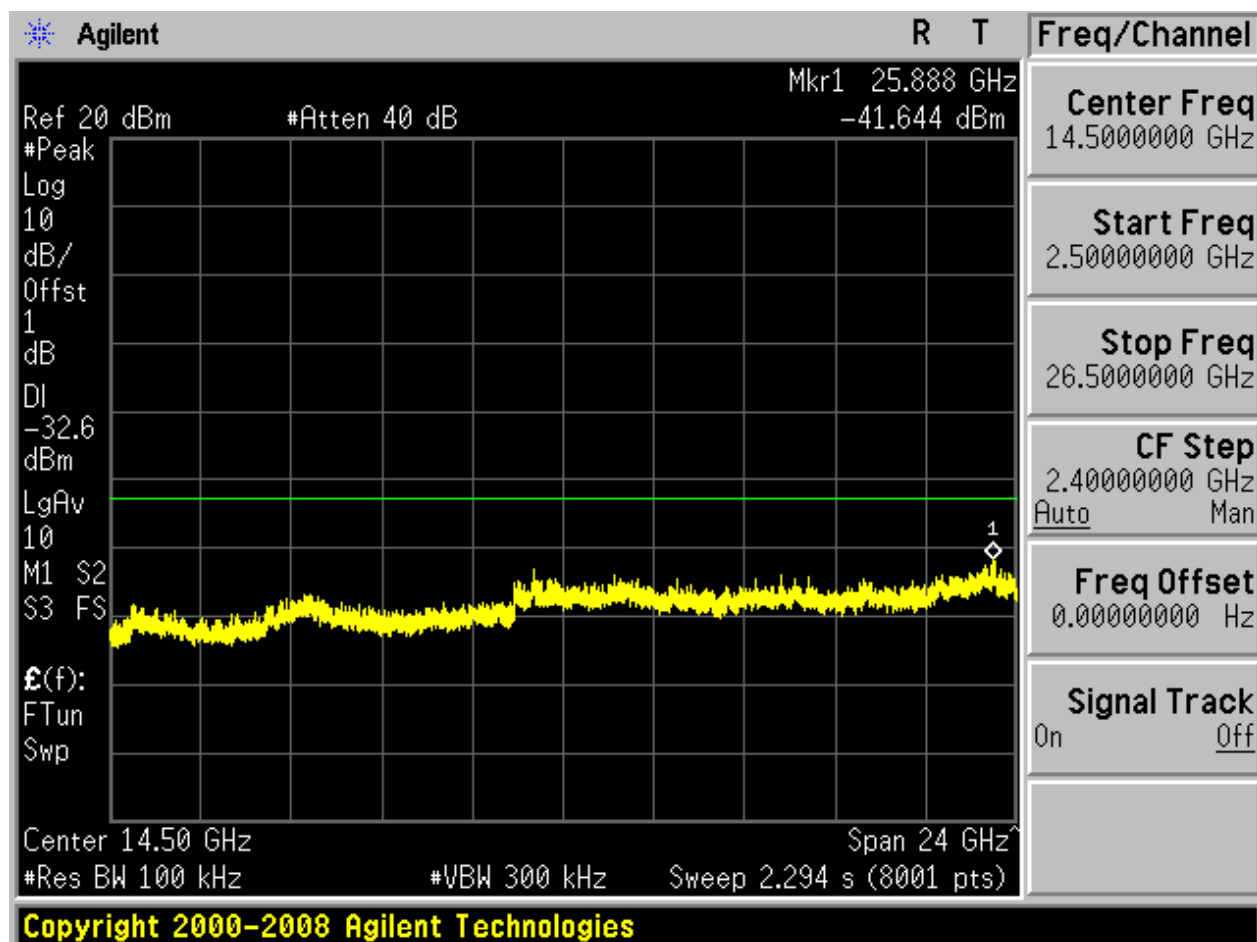






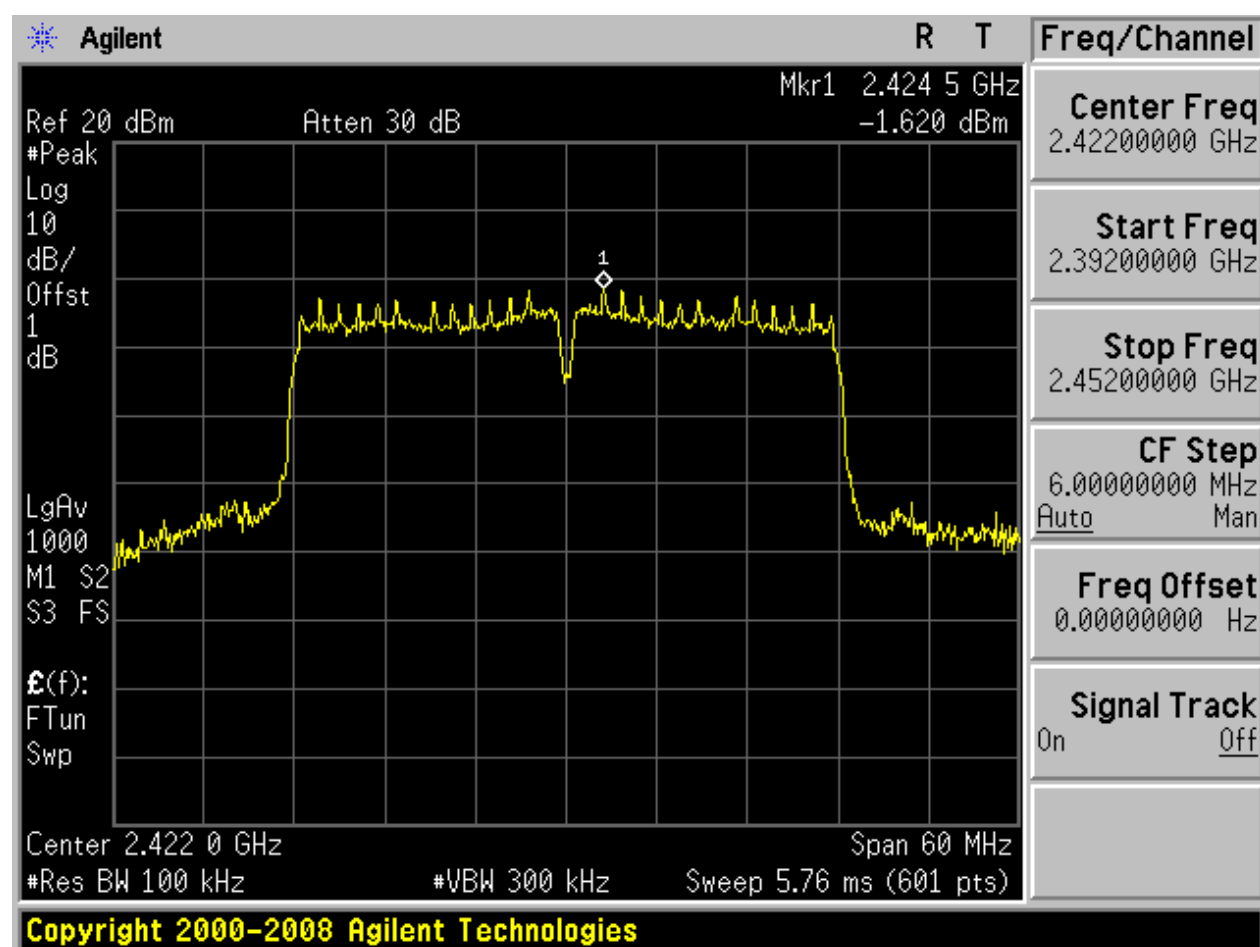






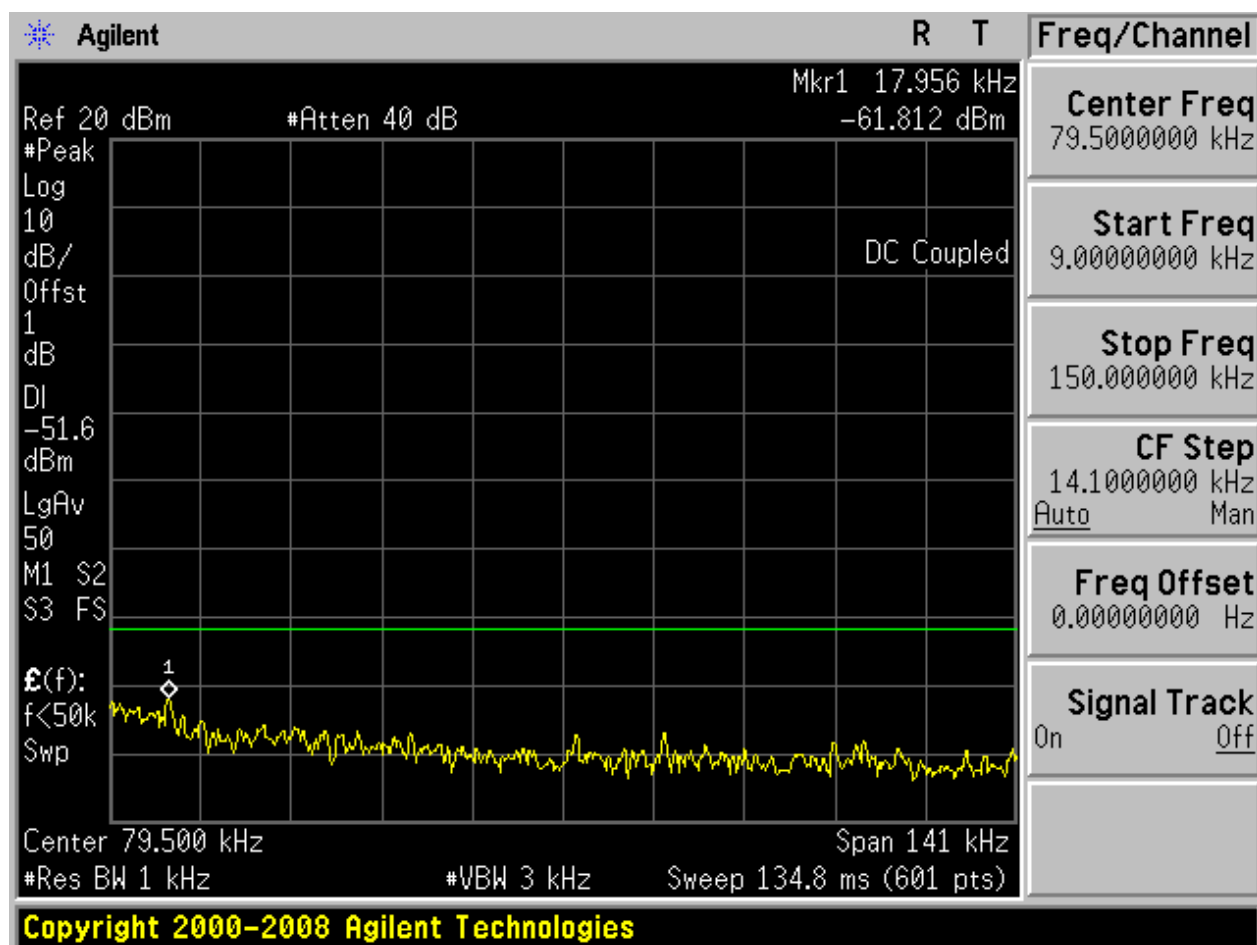
2.31 11N40m_L@Ant 1

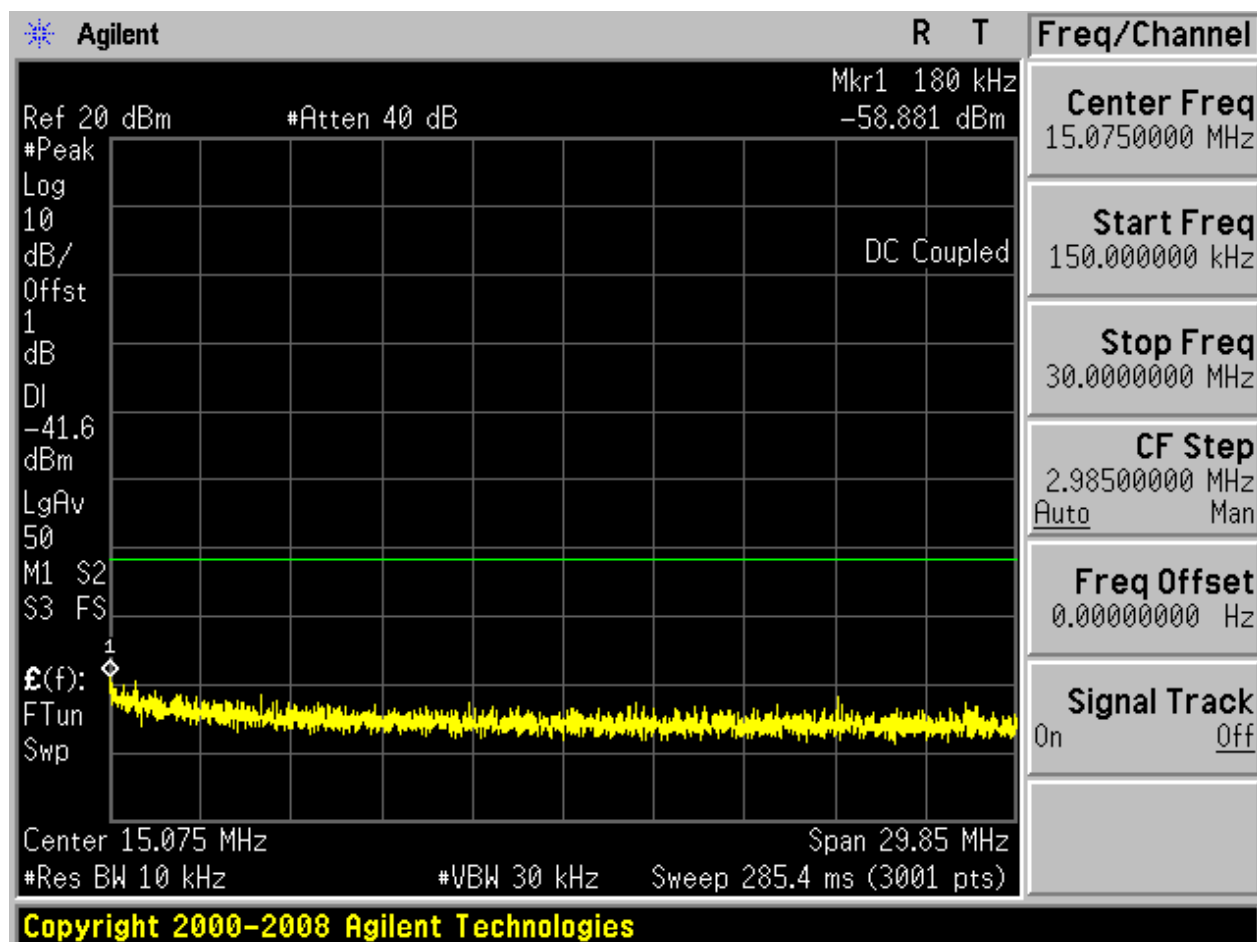
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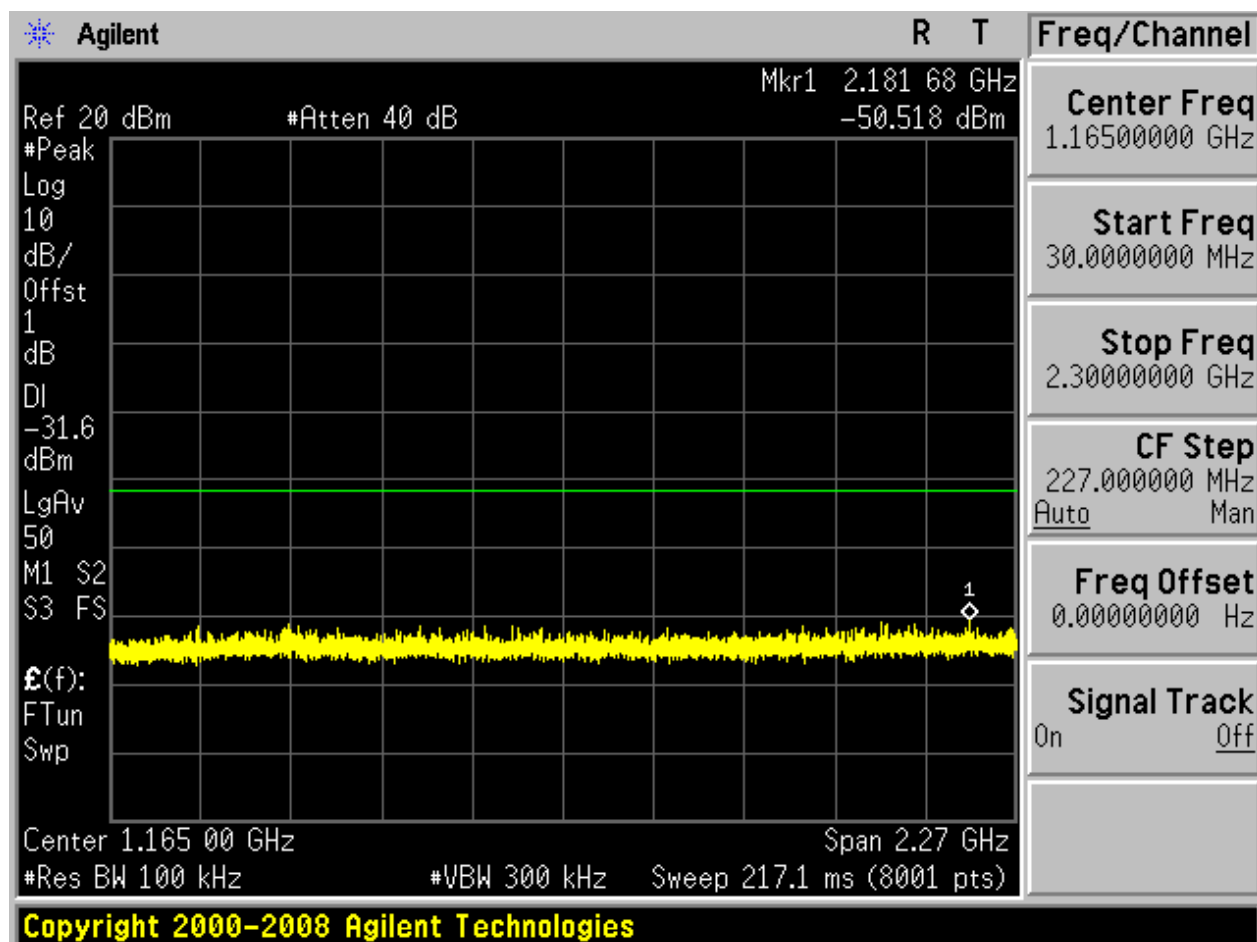


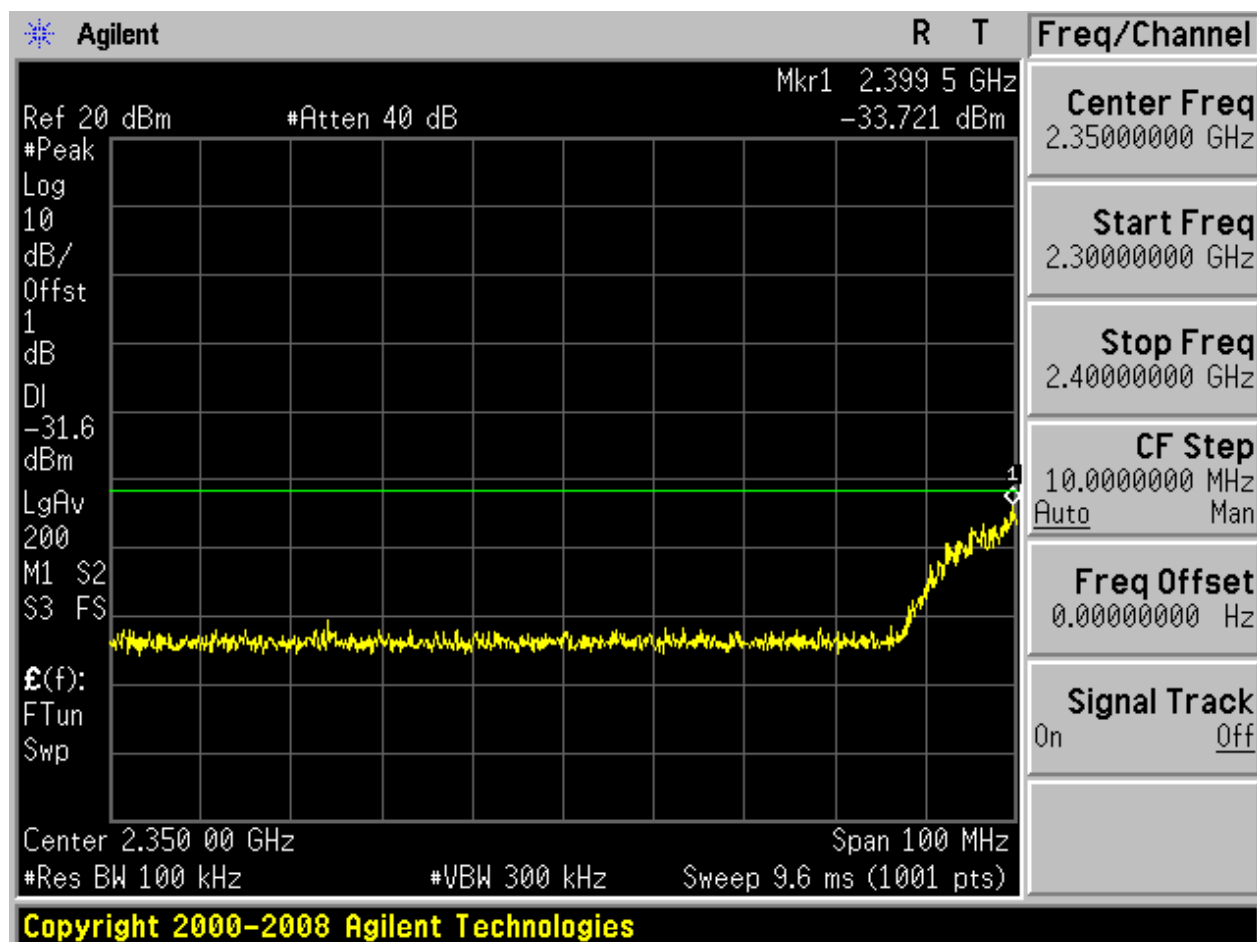


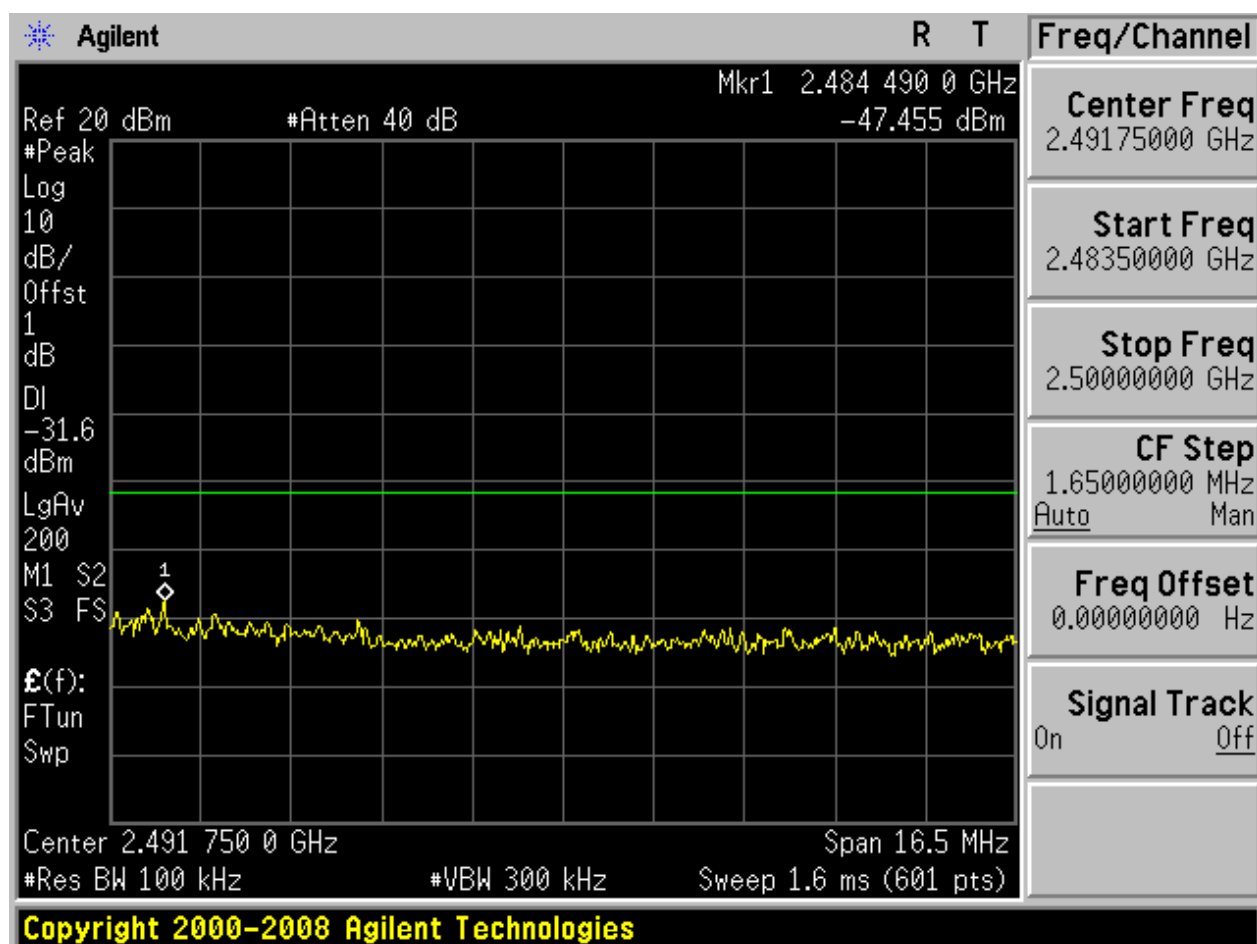
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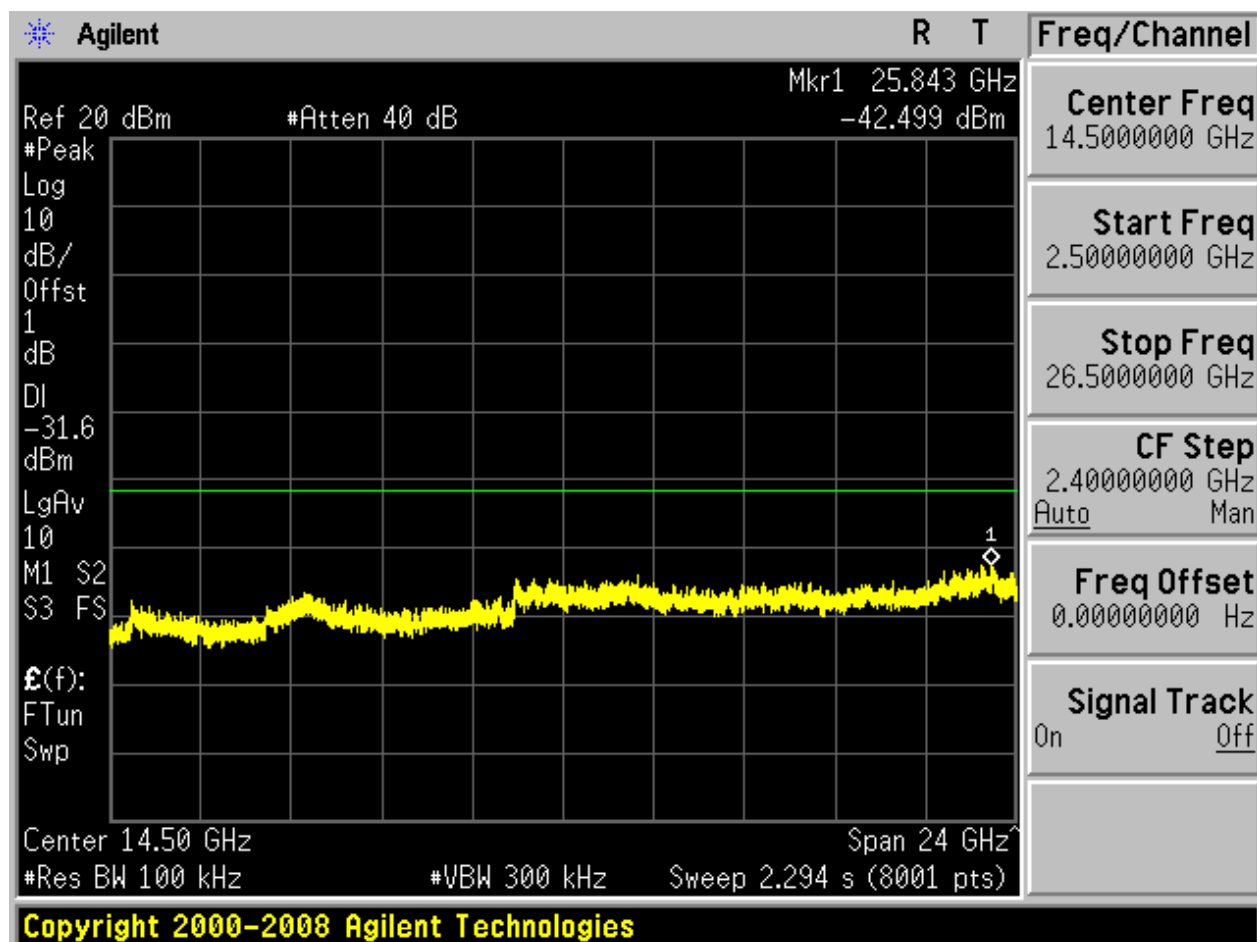






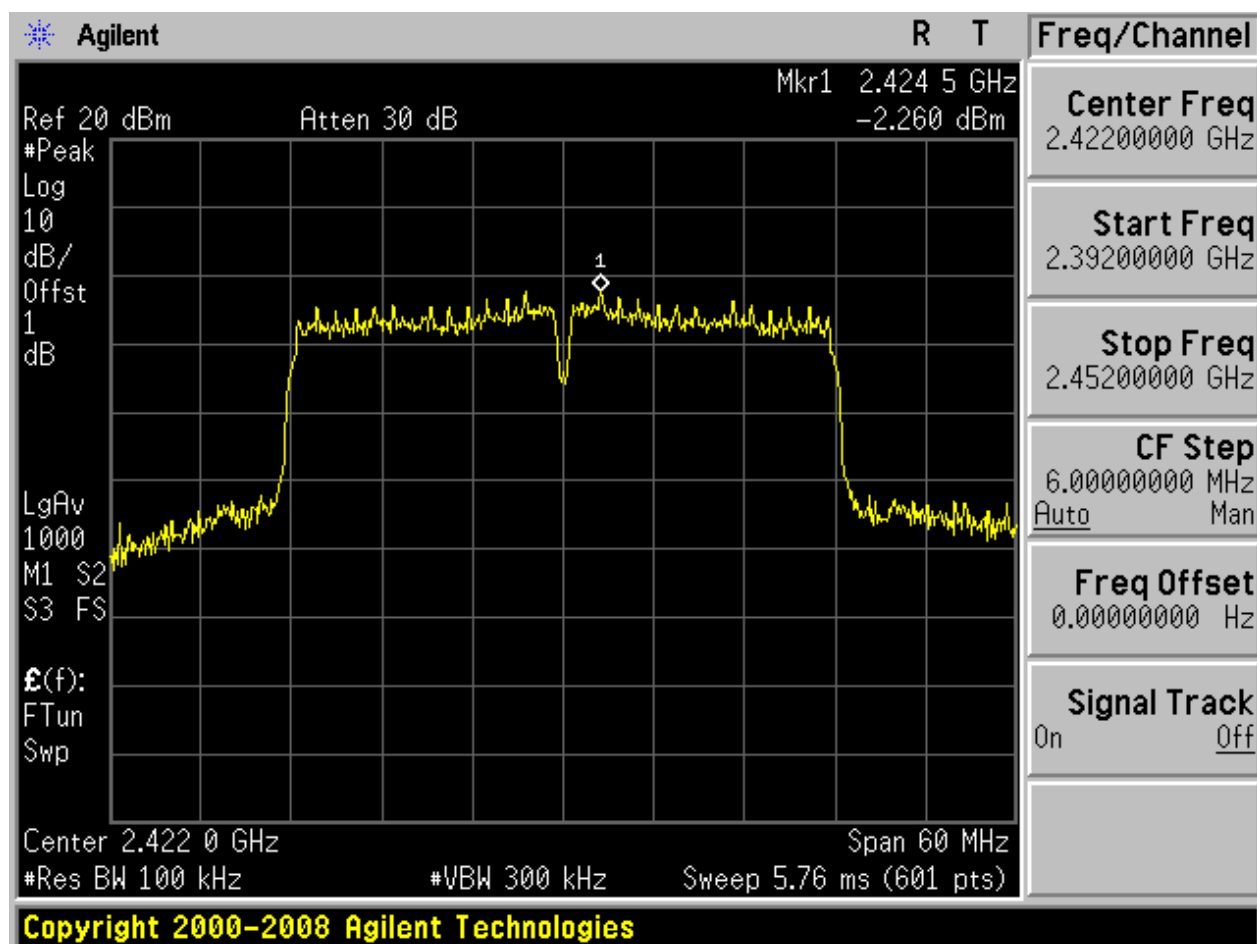






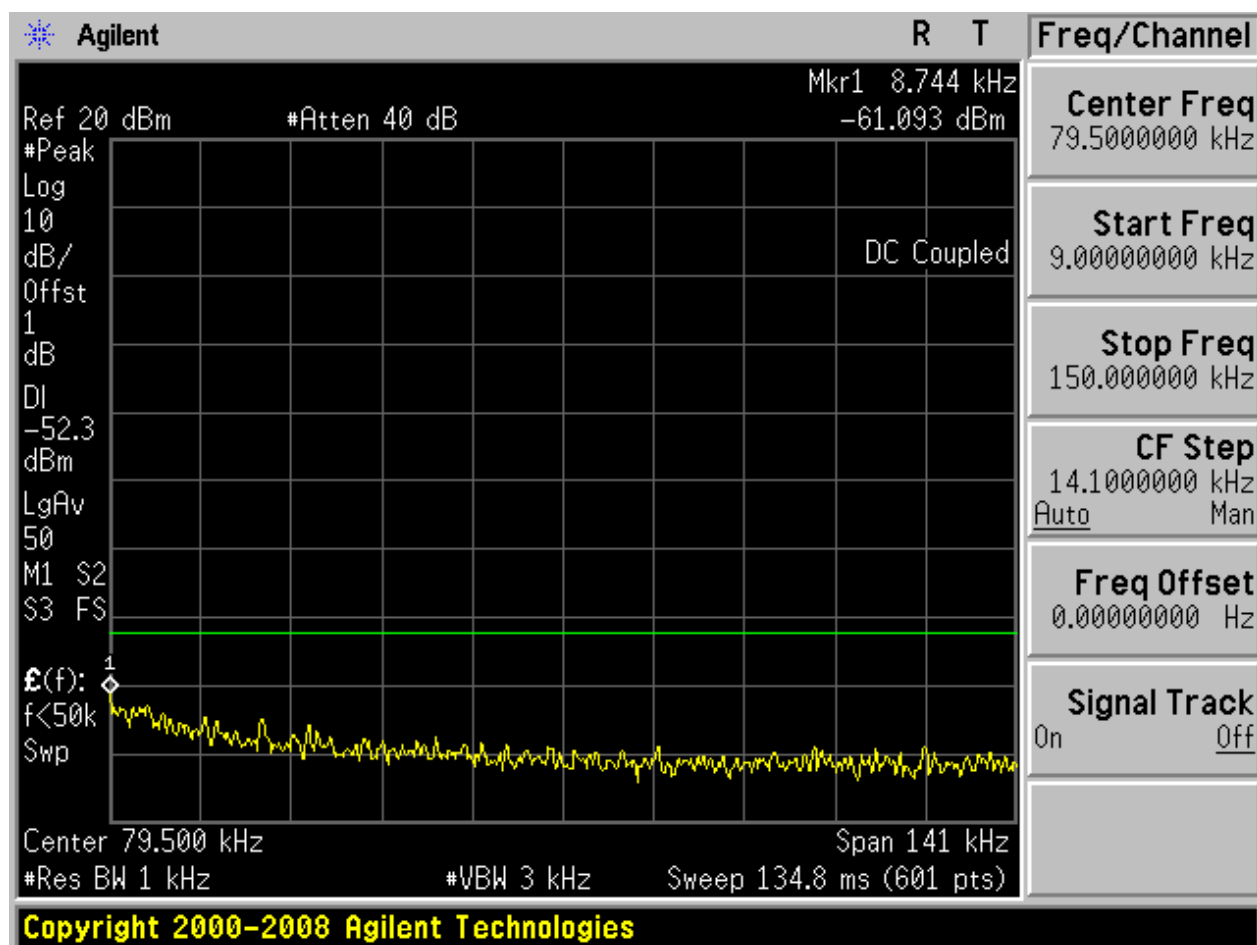
2.32 11N40m_L@Ant 2

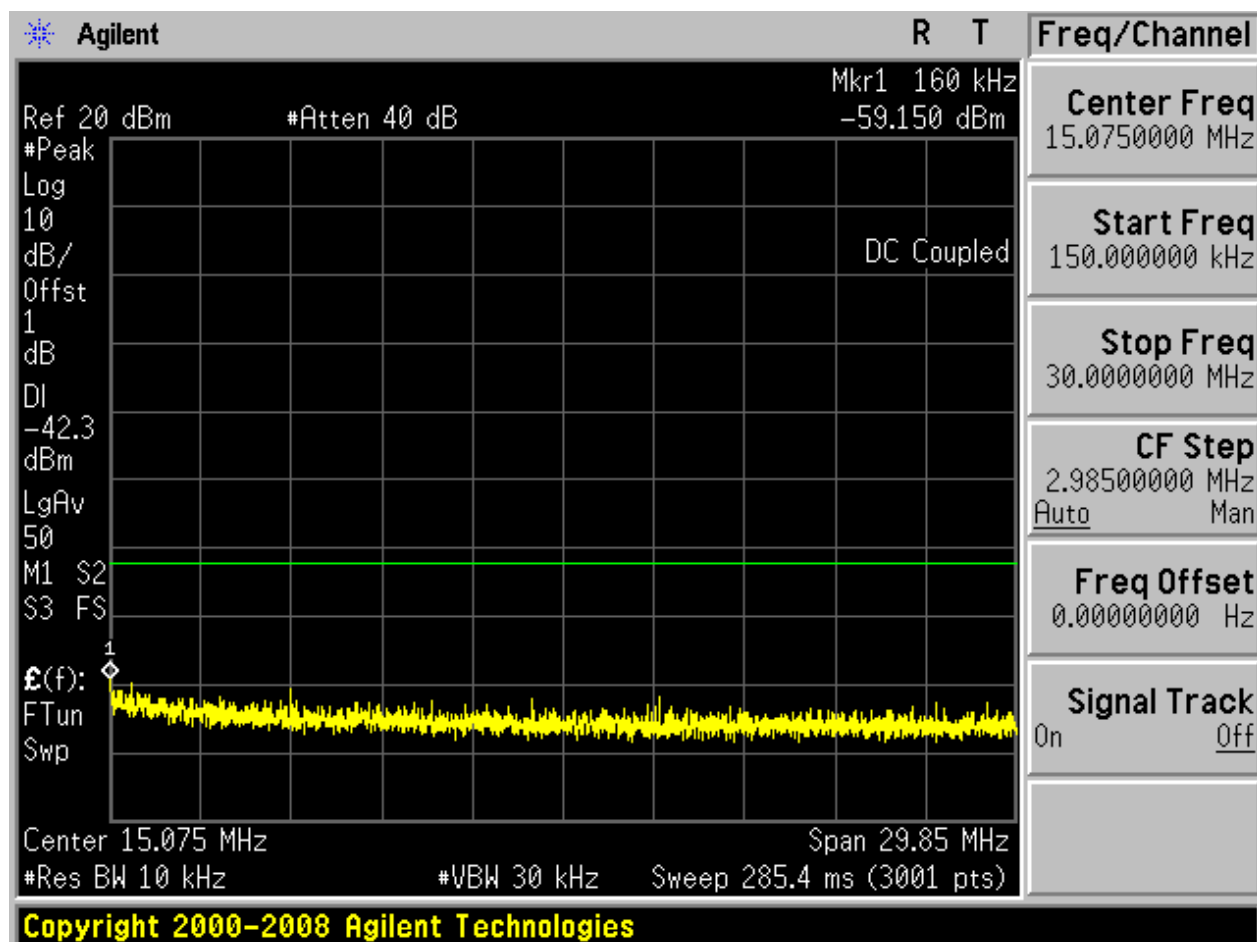
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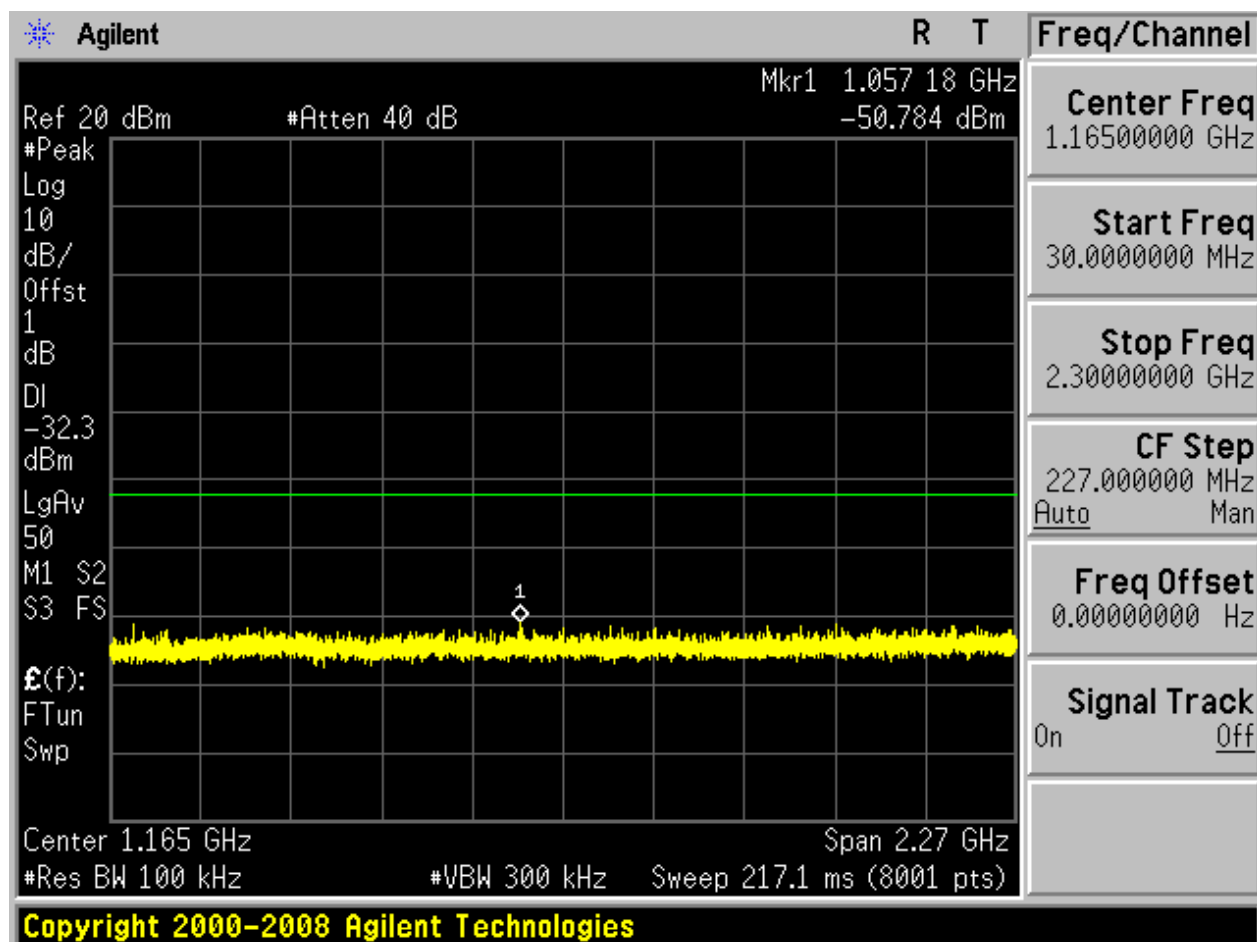


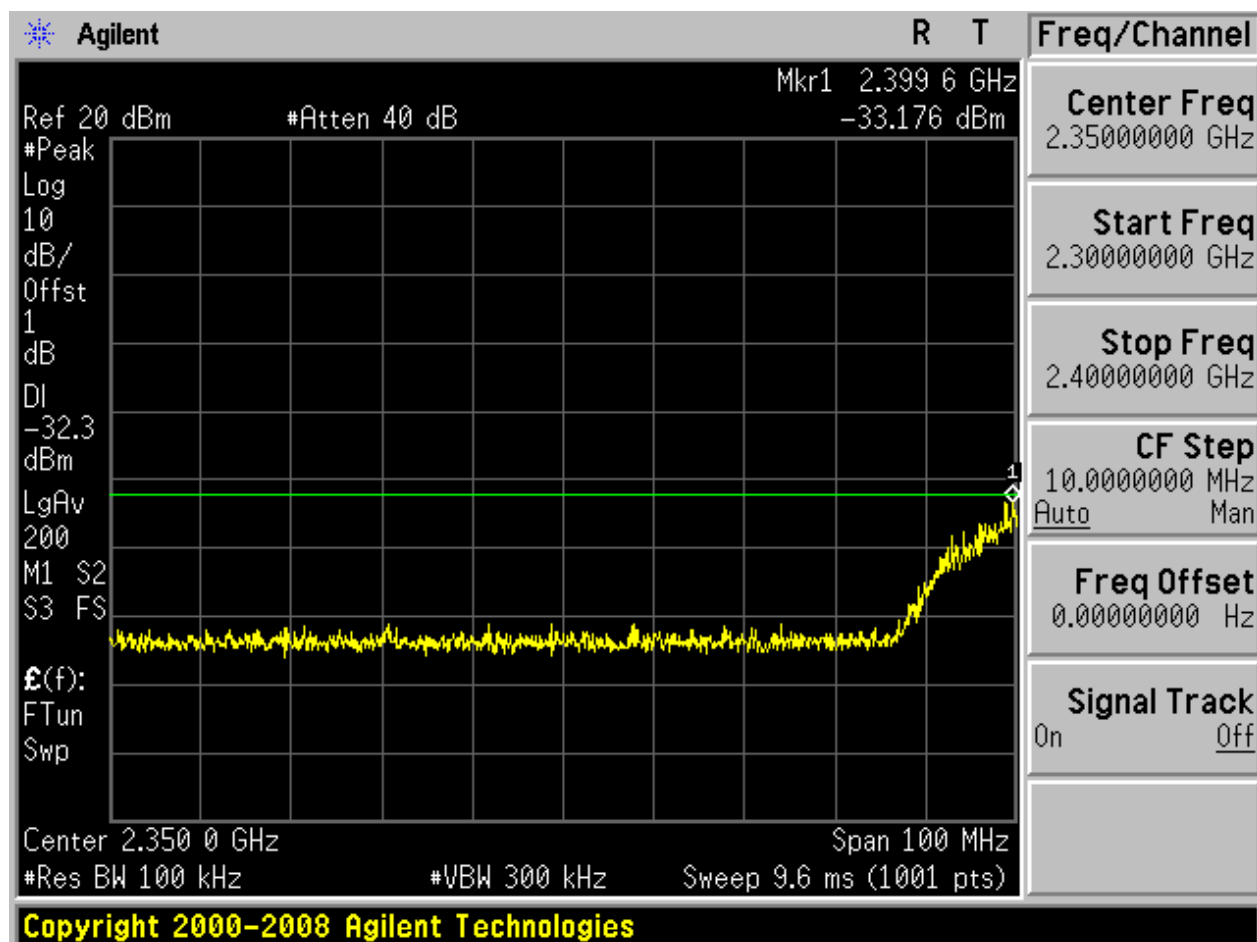


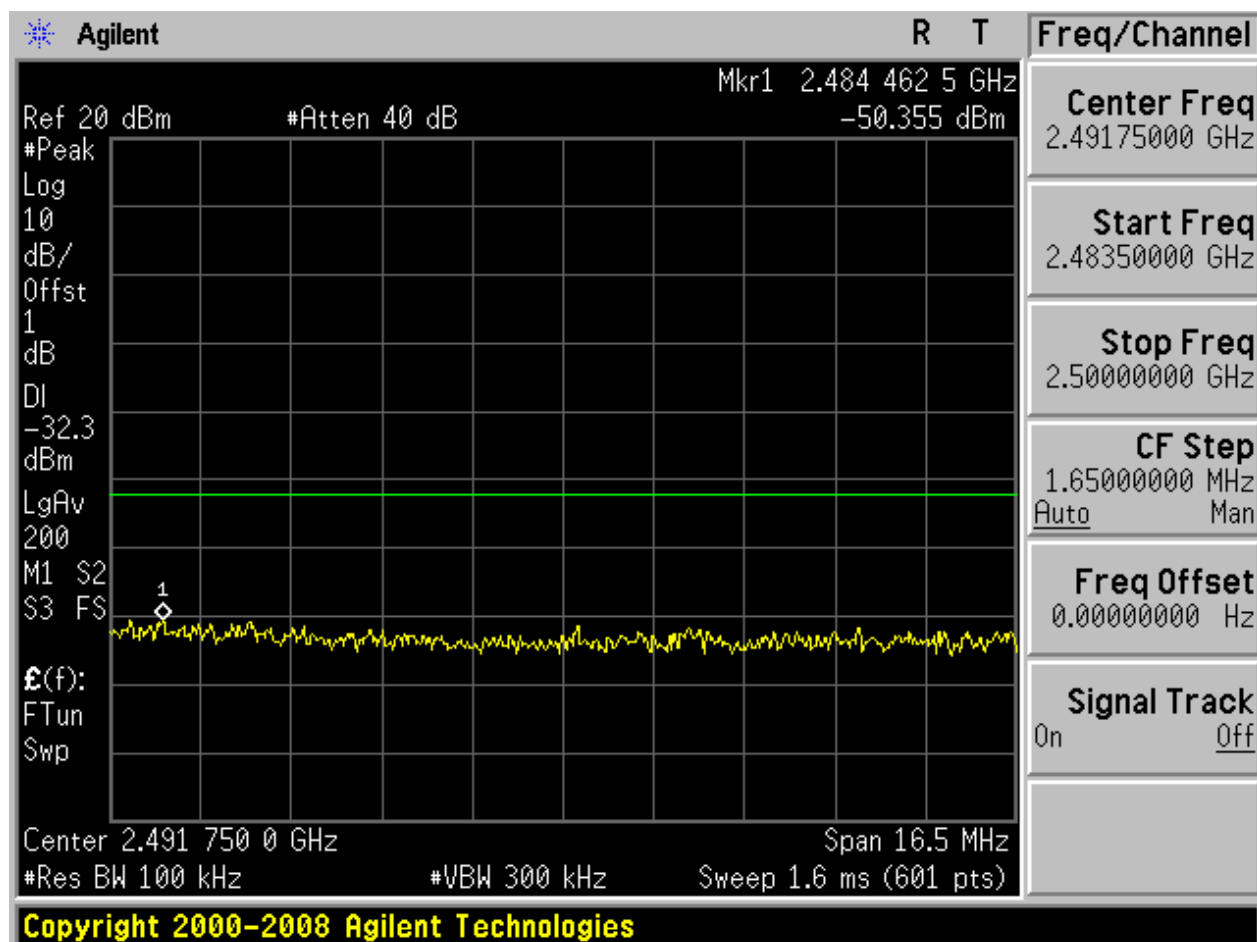
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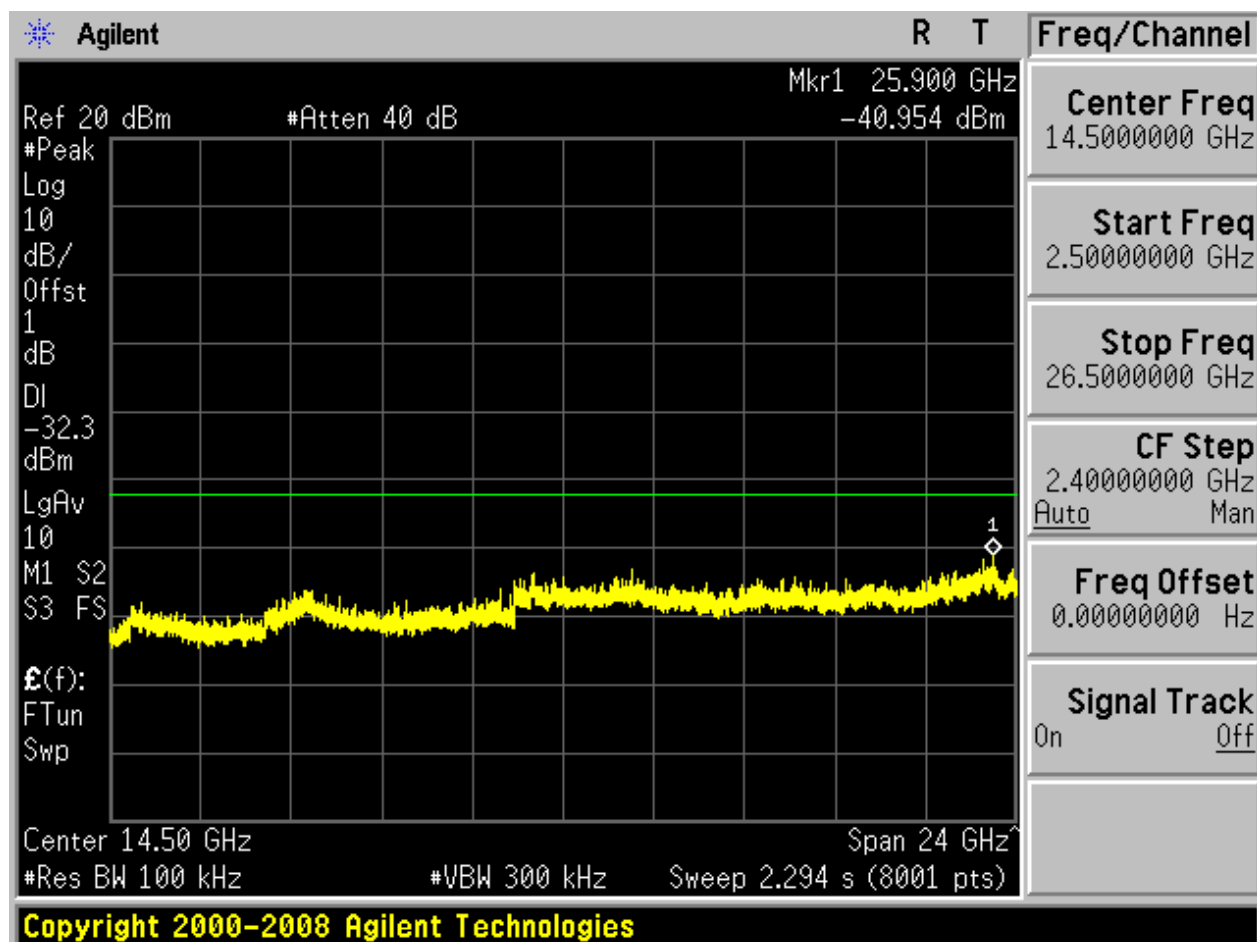






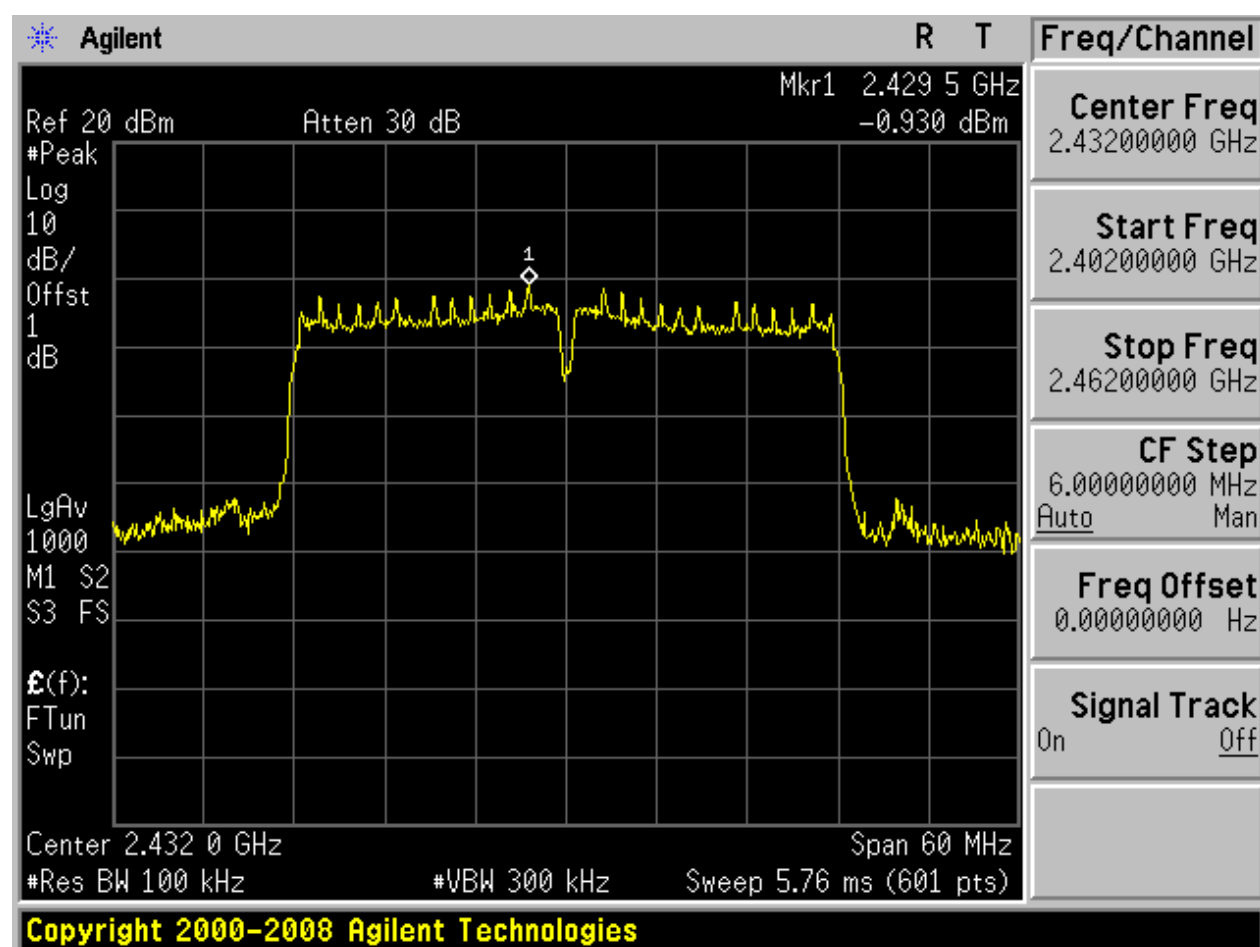






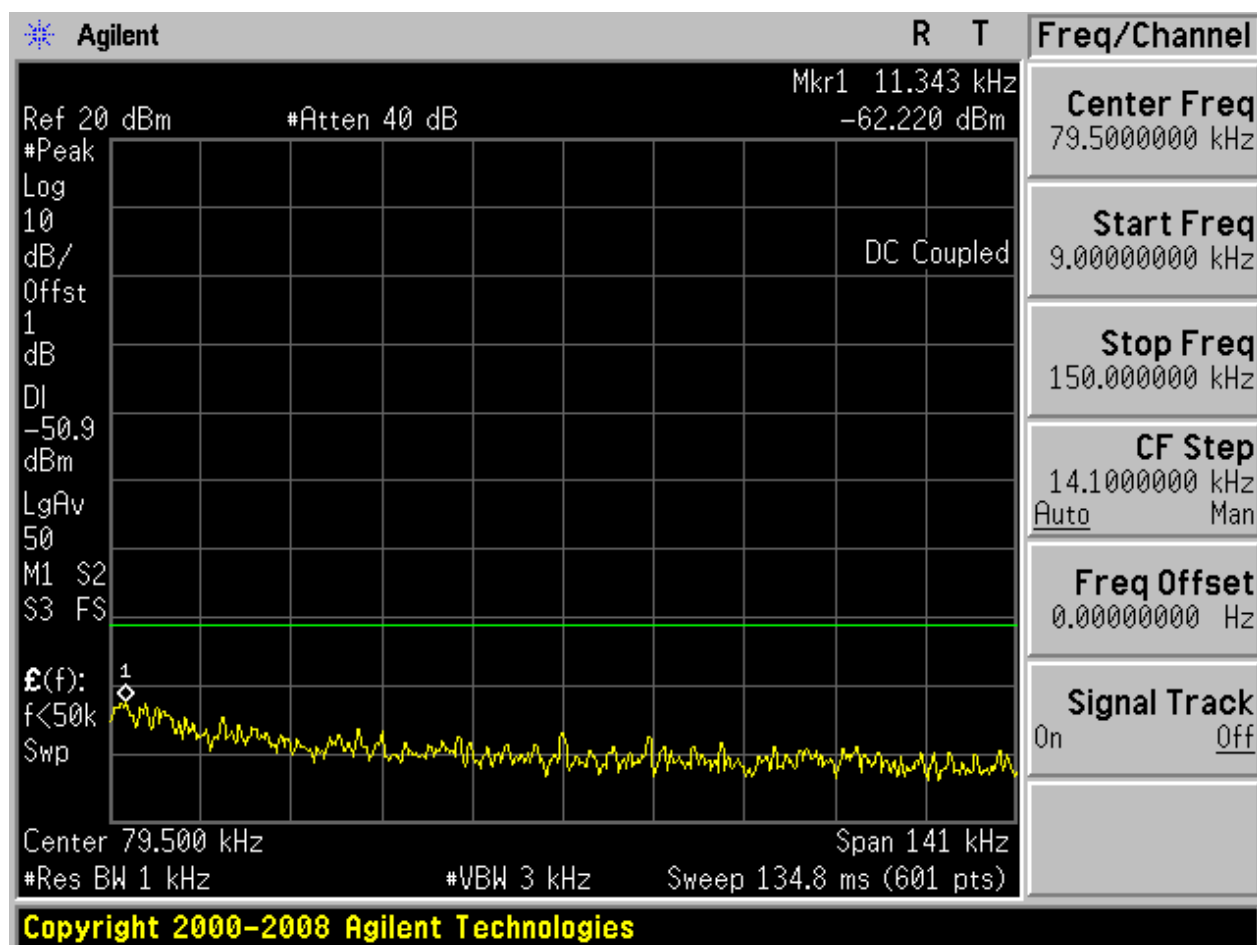
2.33 11N40m_M@Ant 1

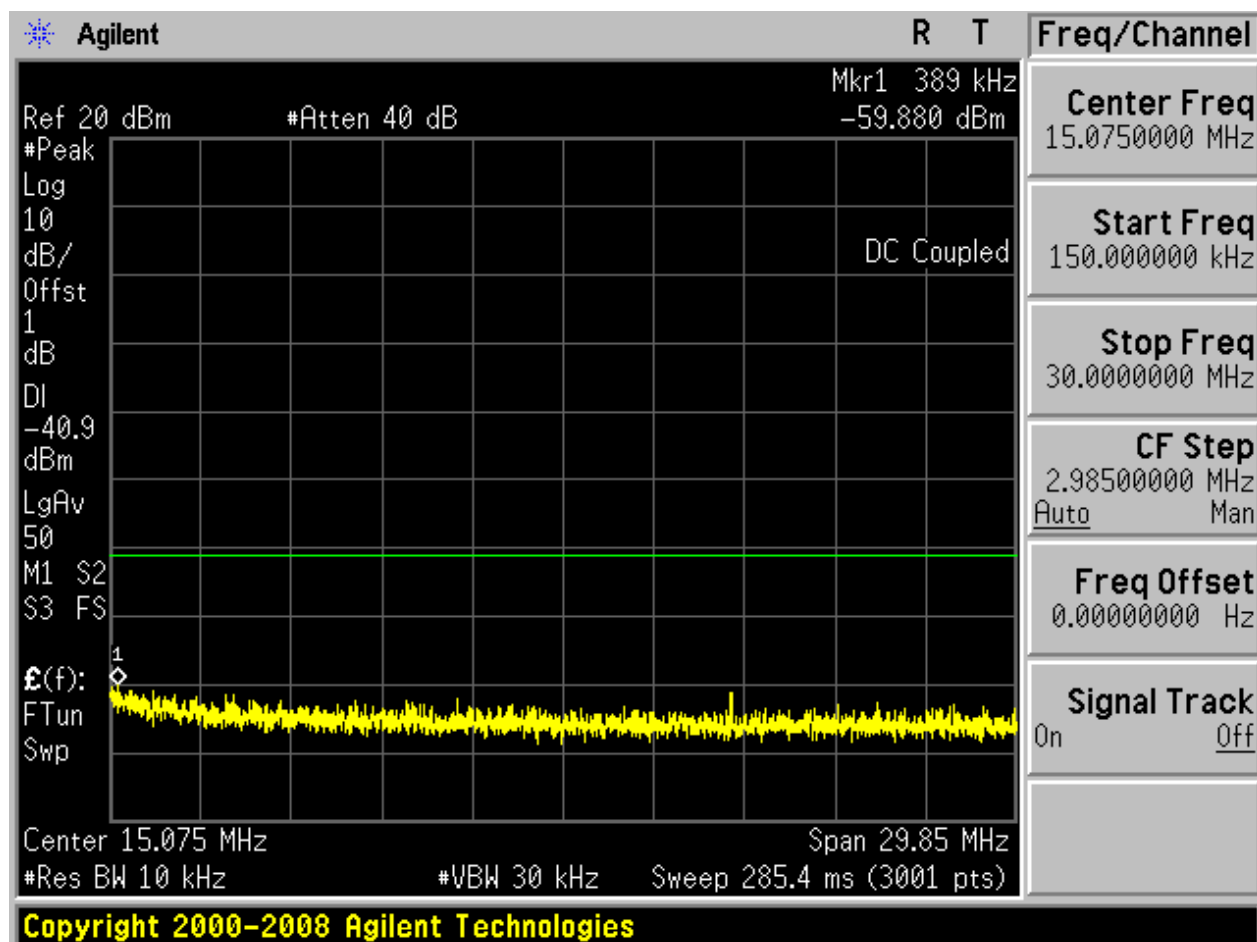
Pref:

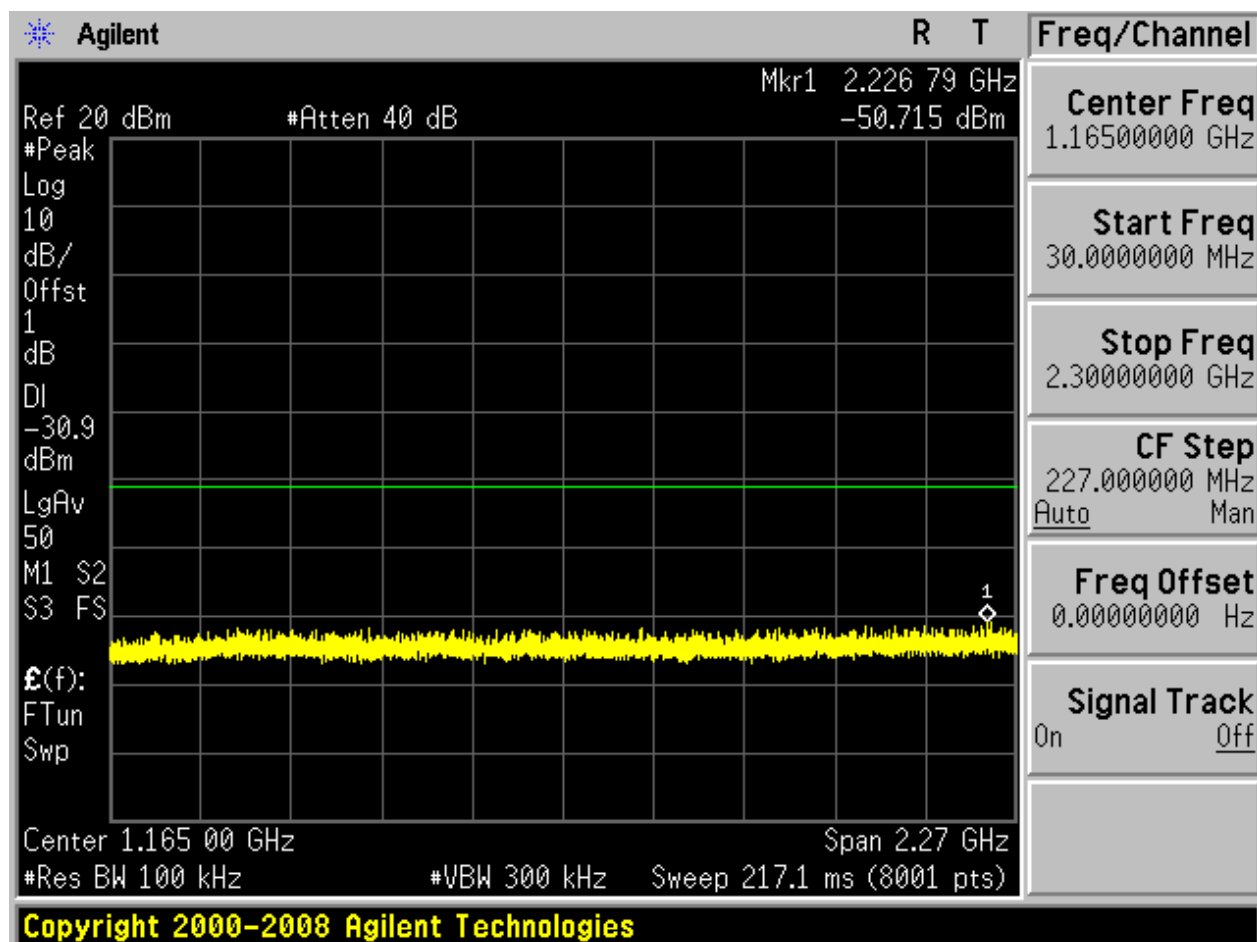


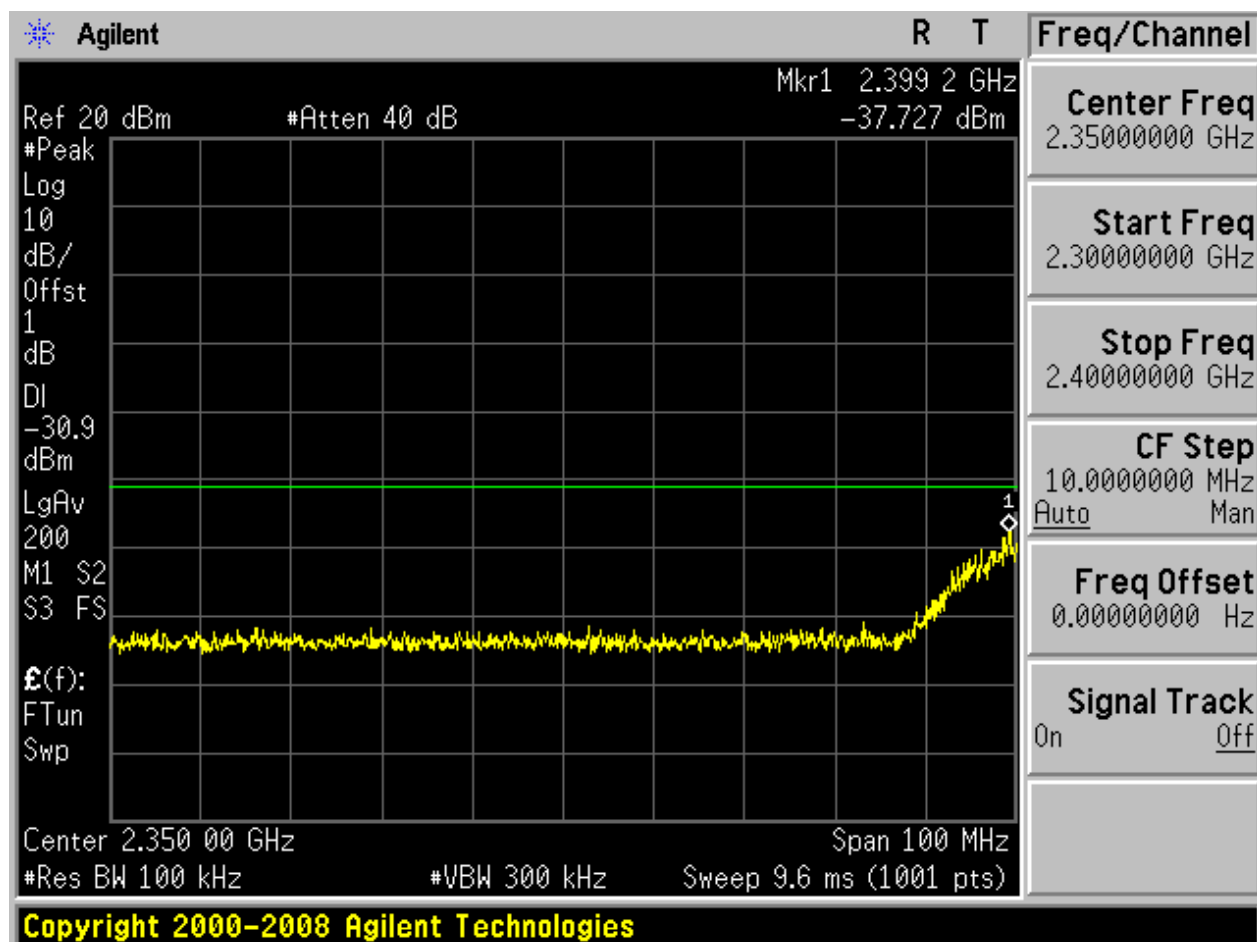


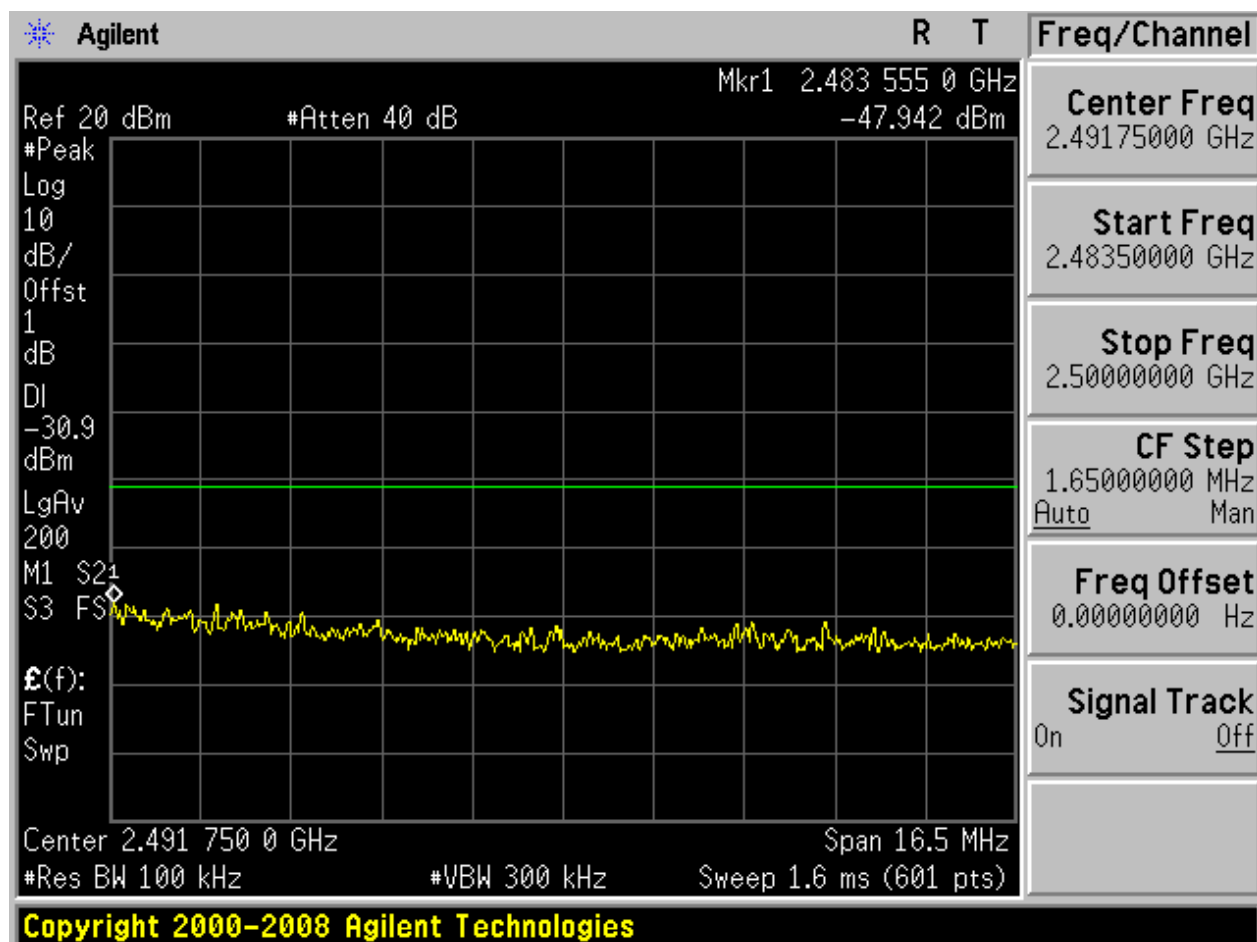
Puw:

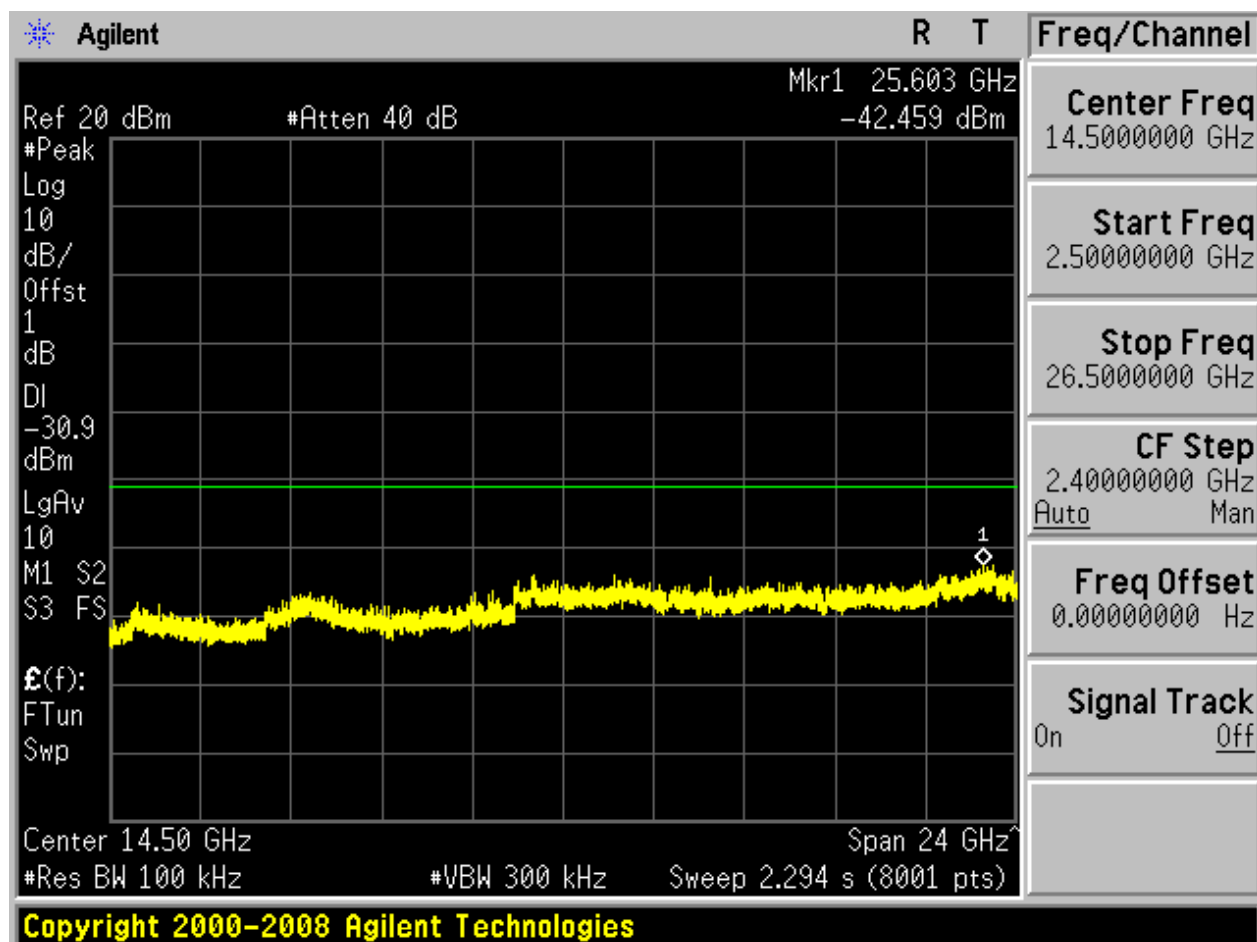






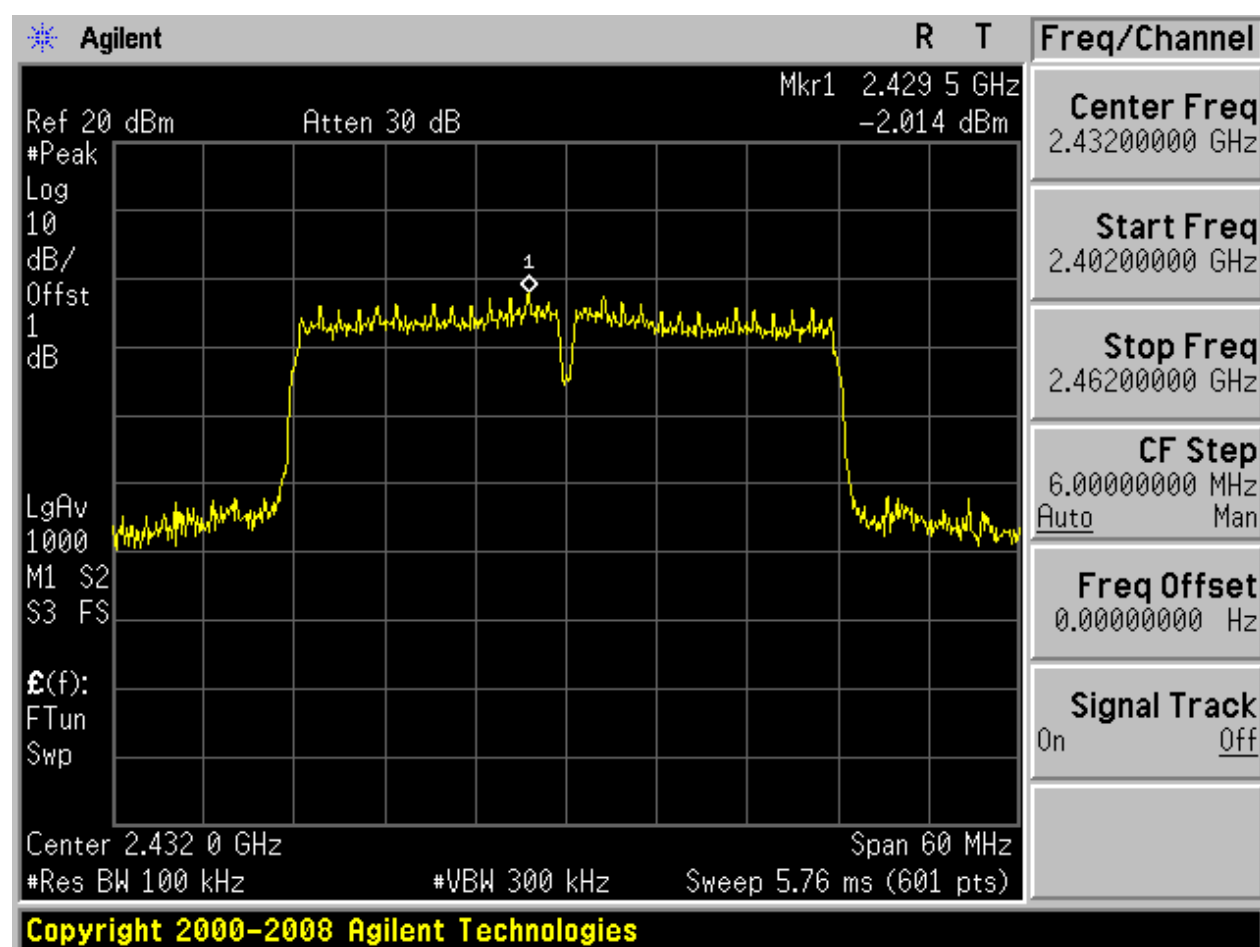






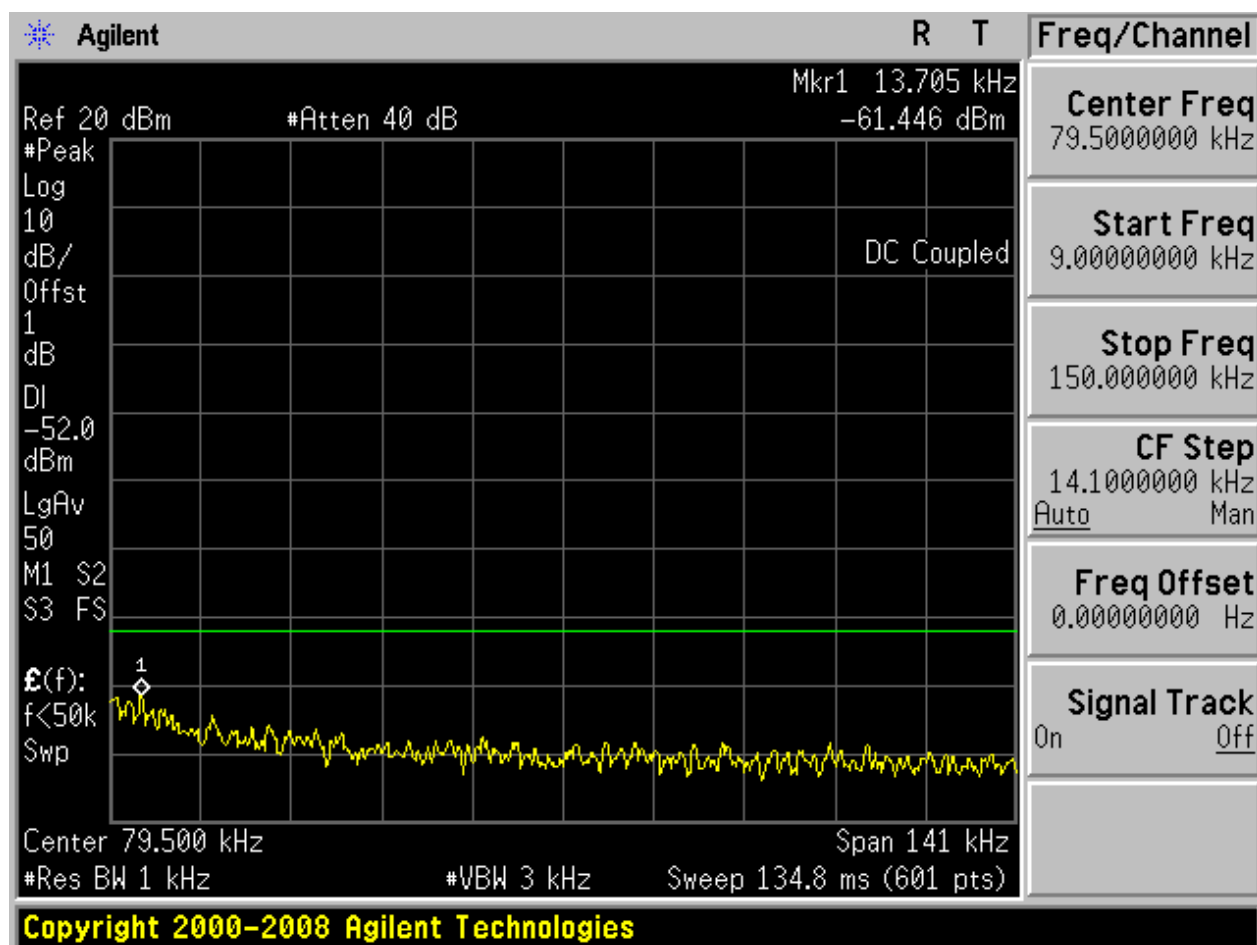
2.34 11N40m_M@Ant 2

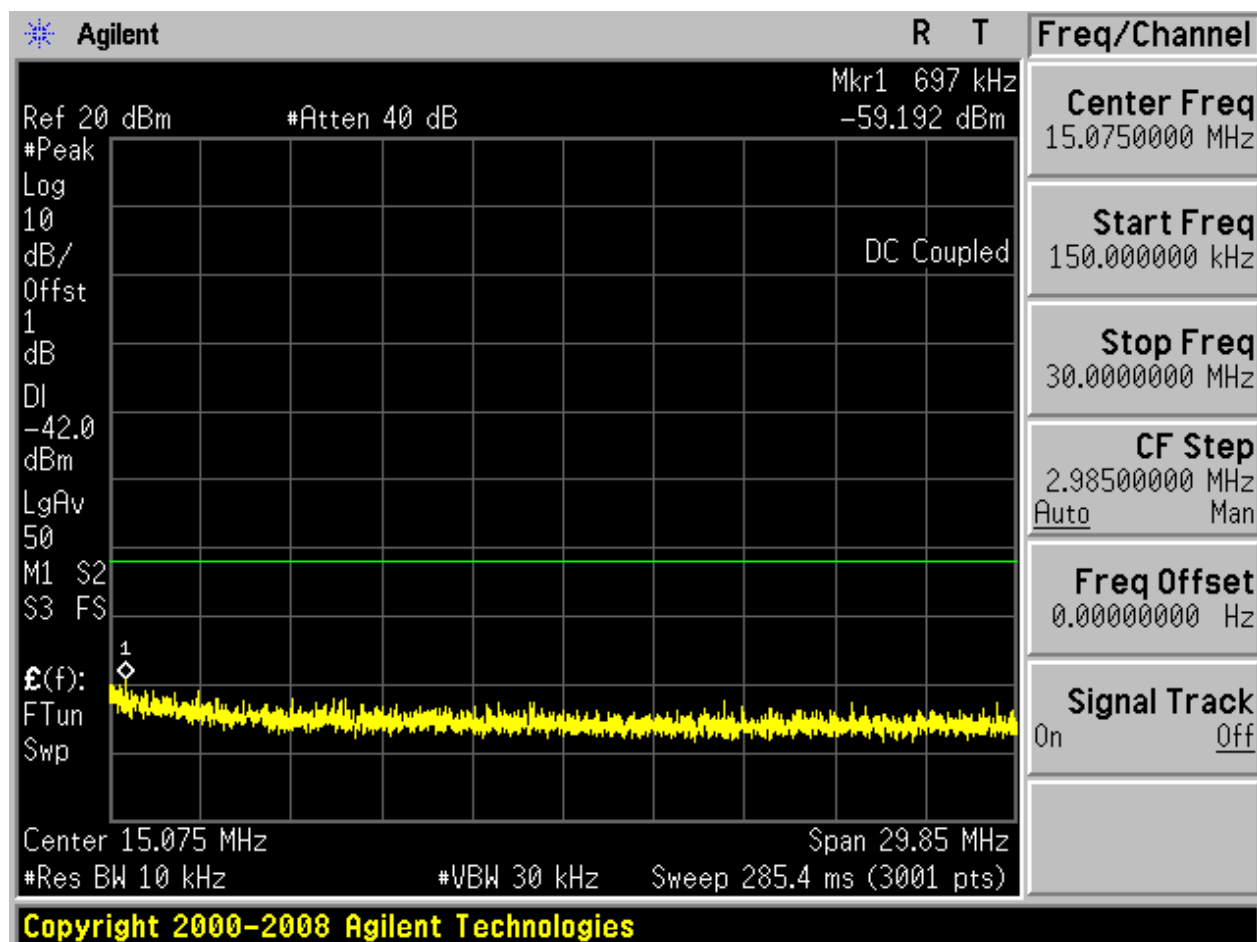
Pref:

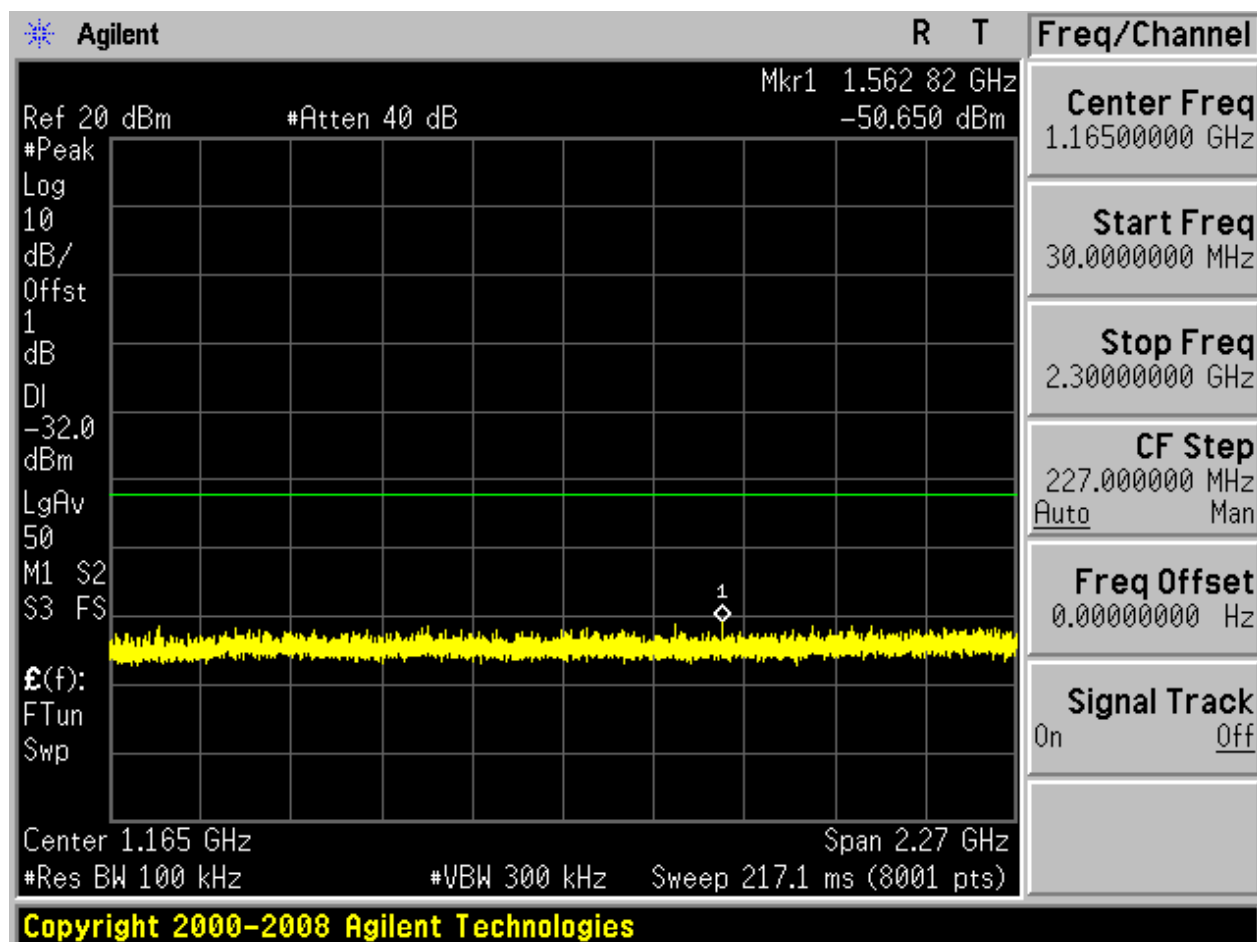


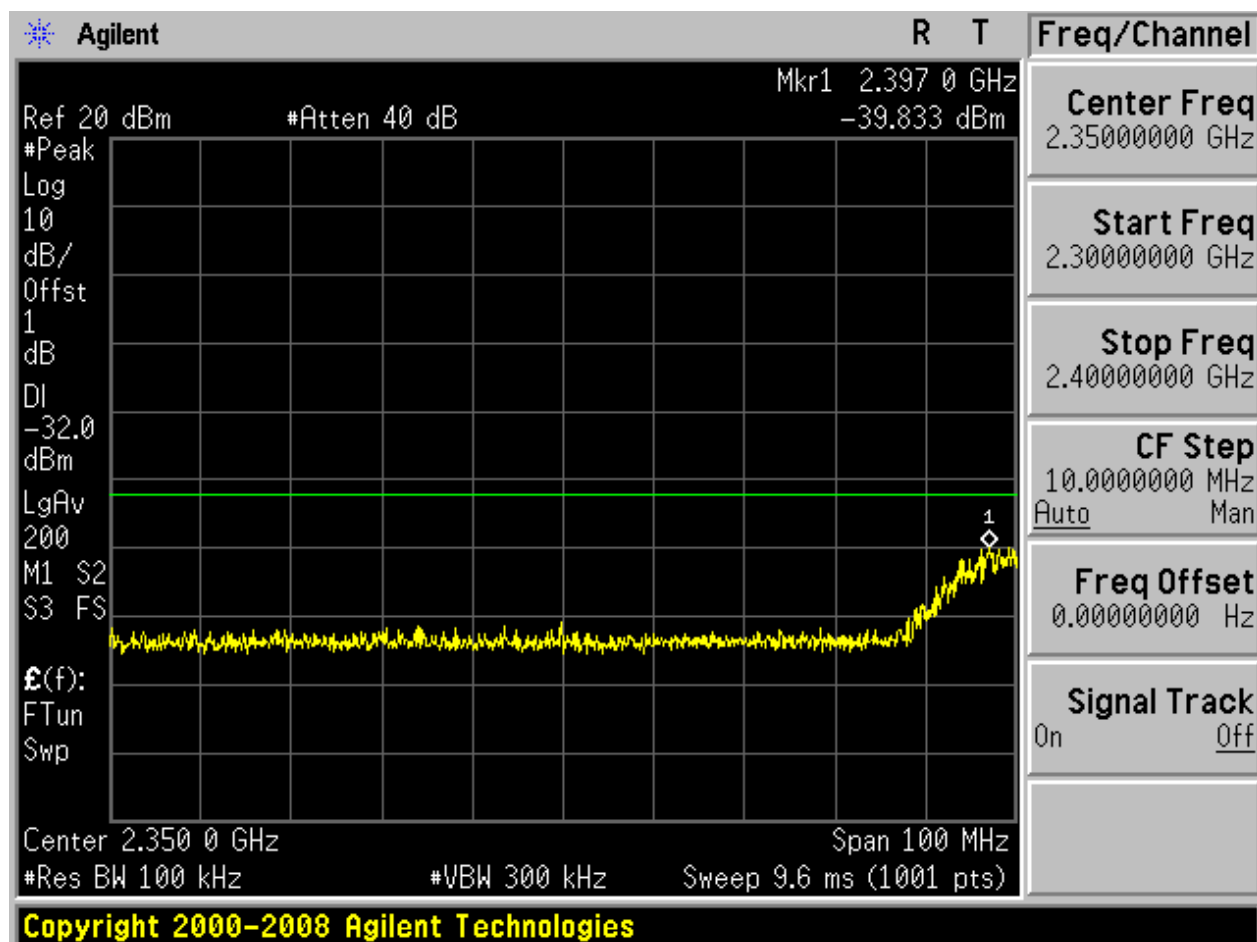


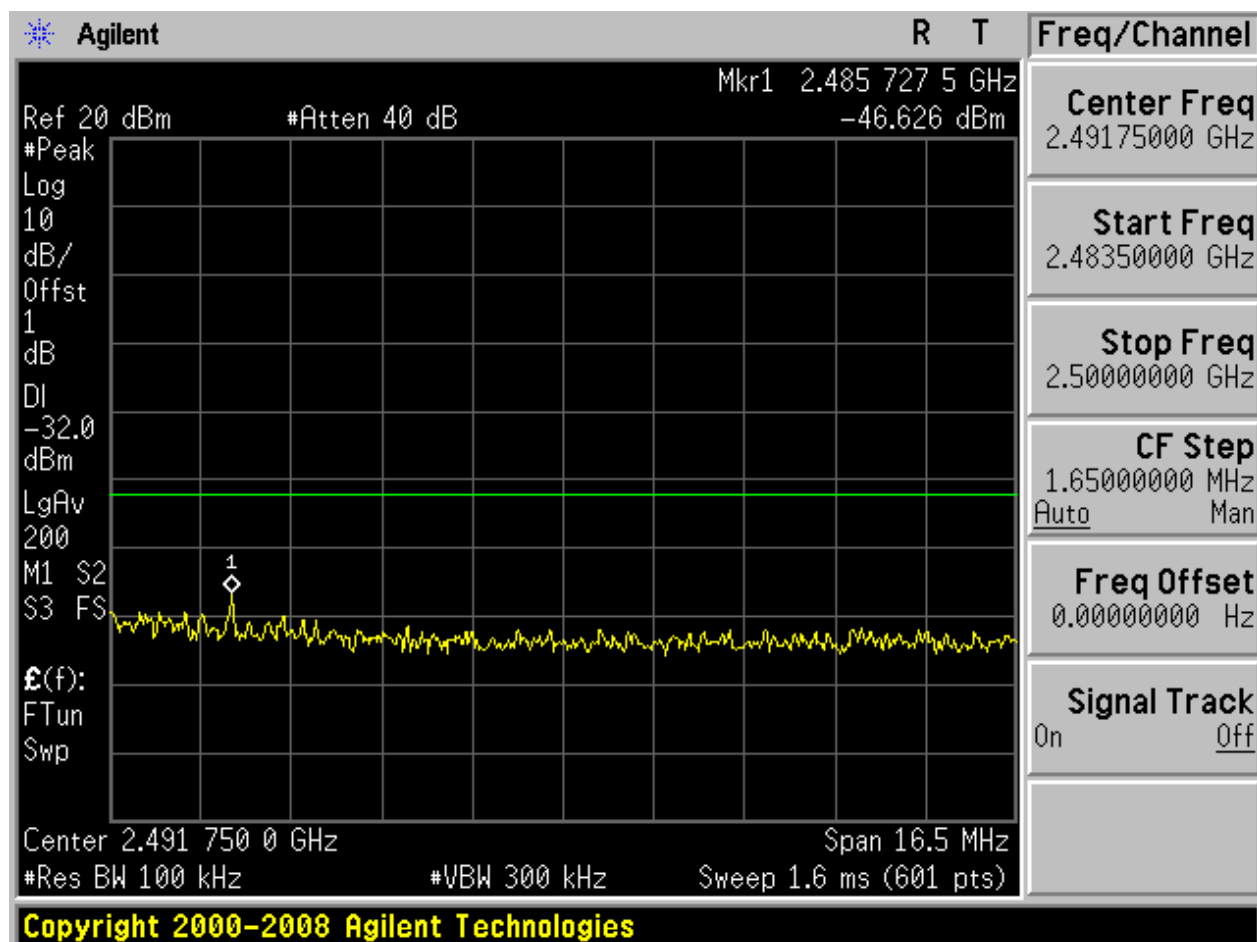
Puw:

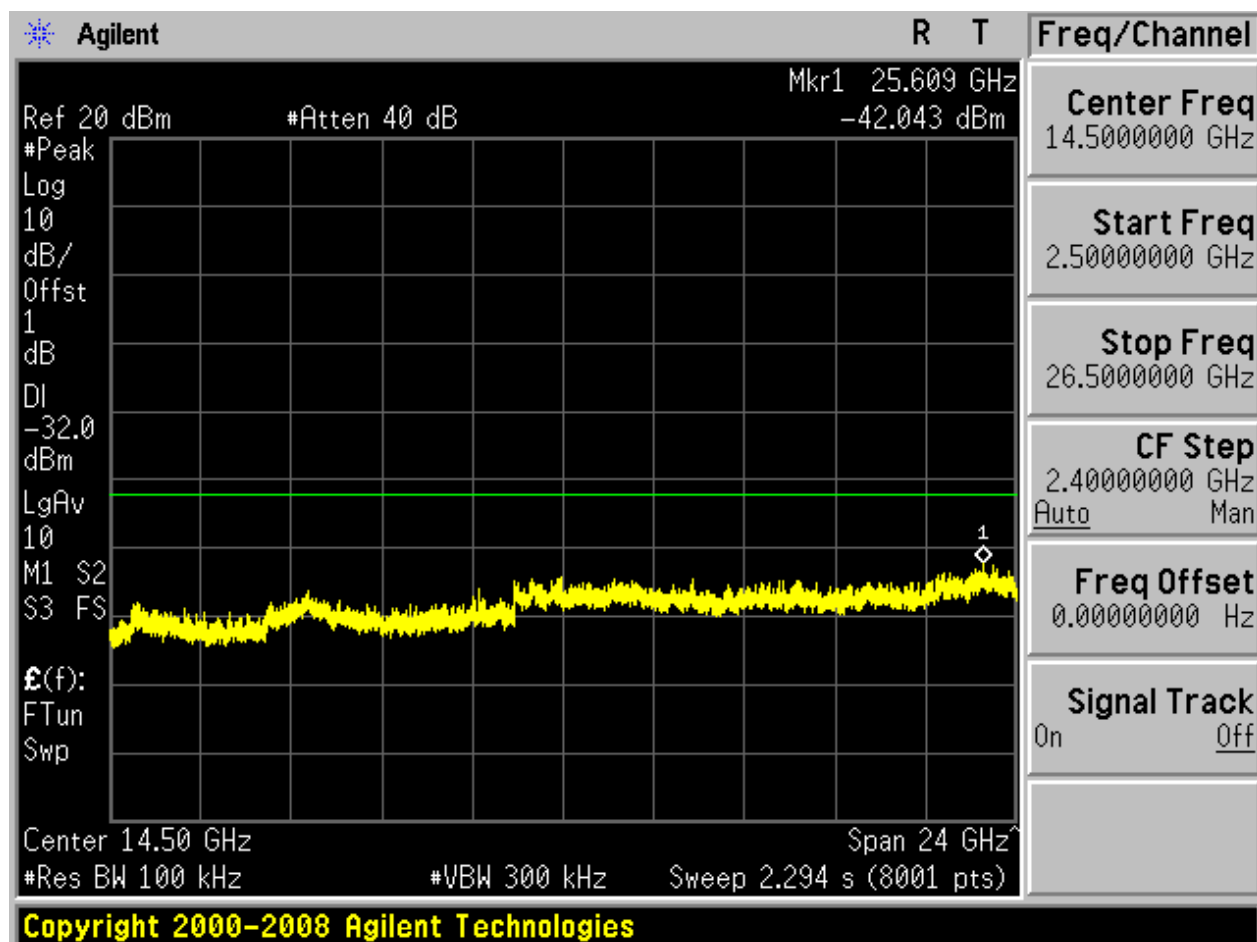






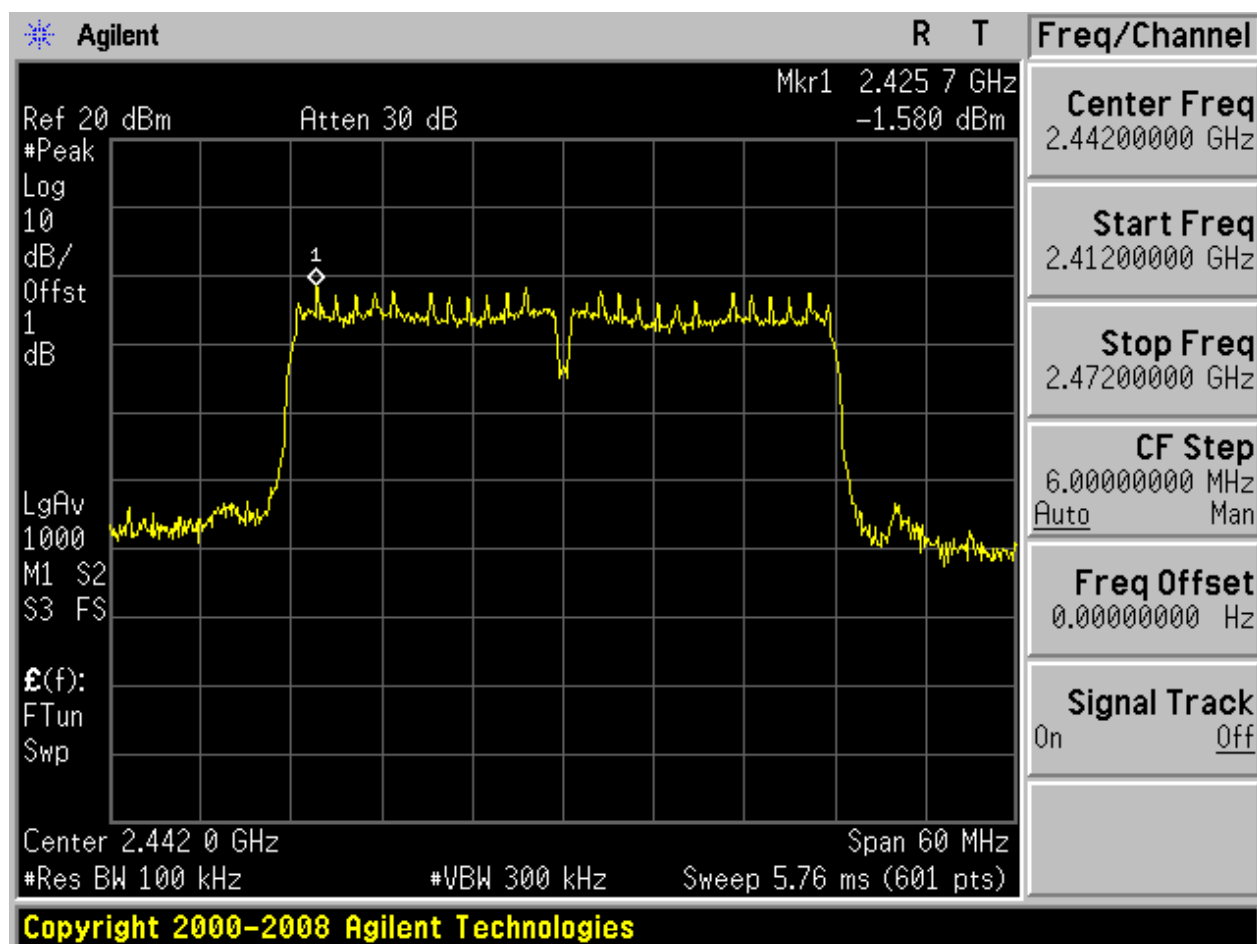






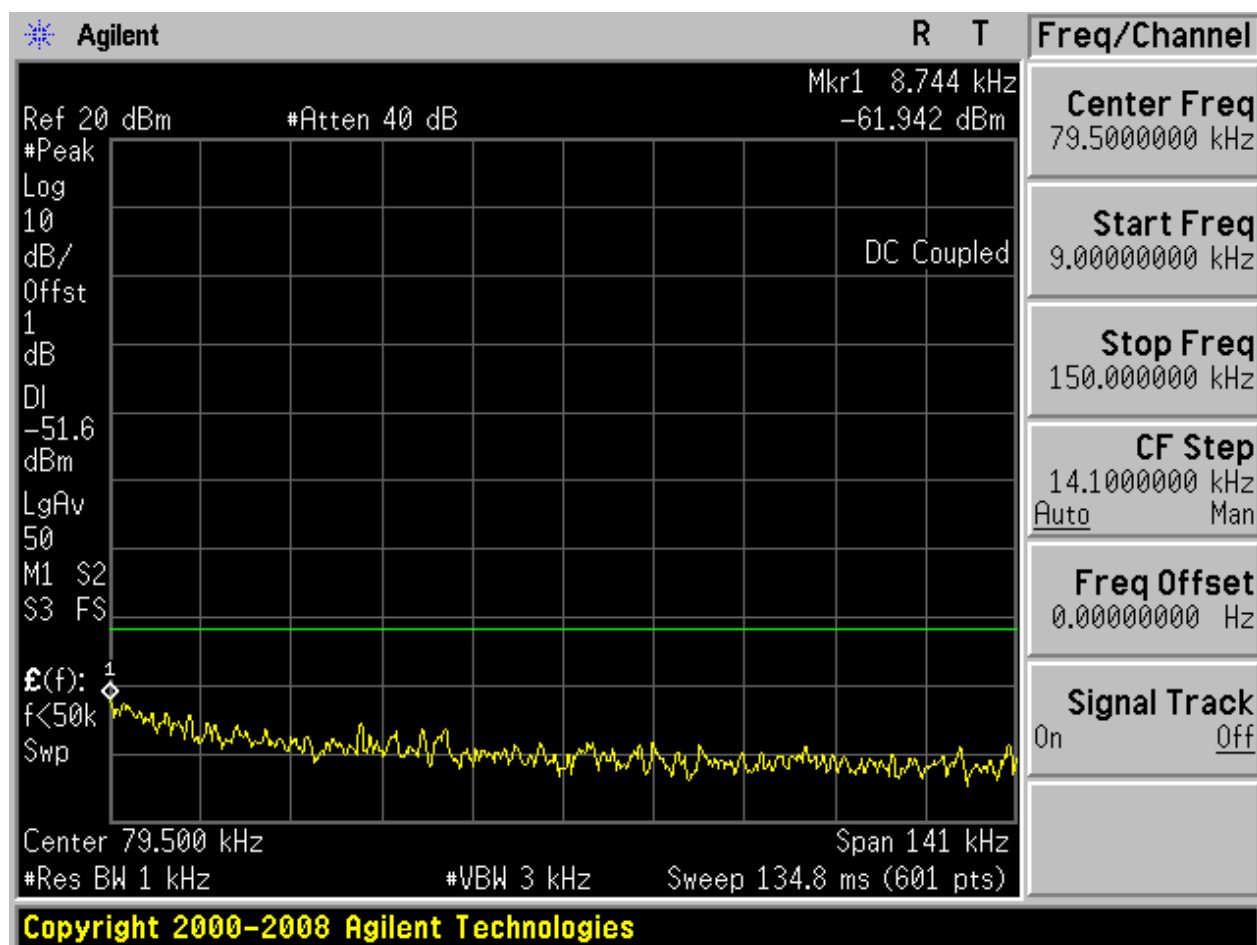
2.35 11N40m_H@Ant 1

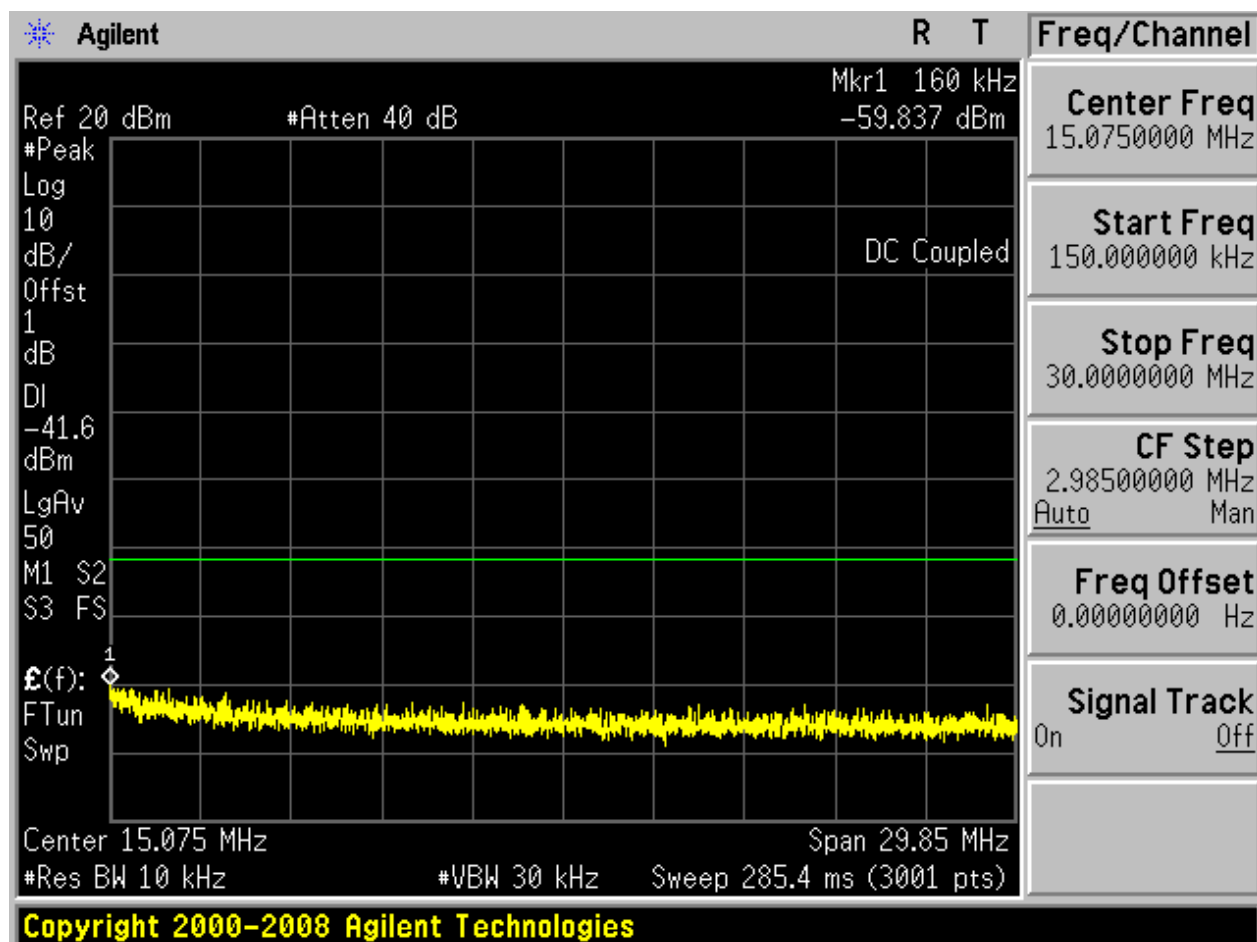
Pref:

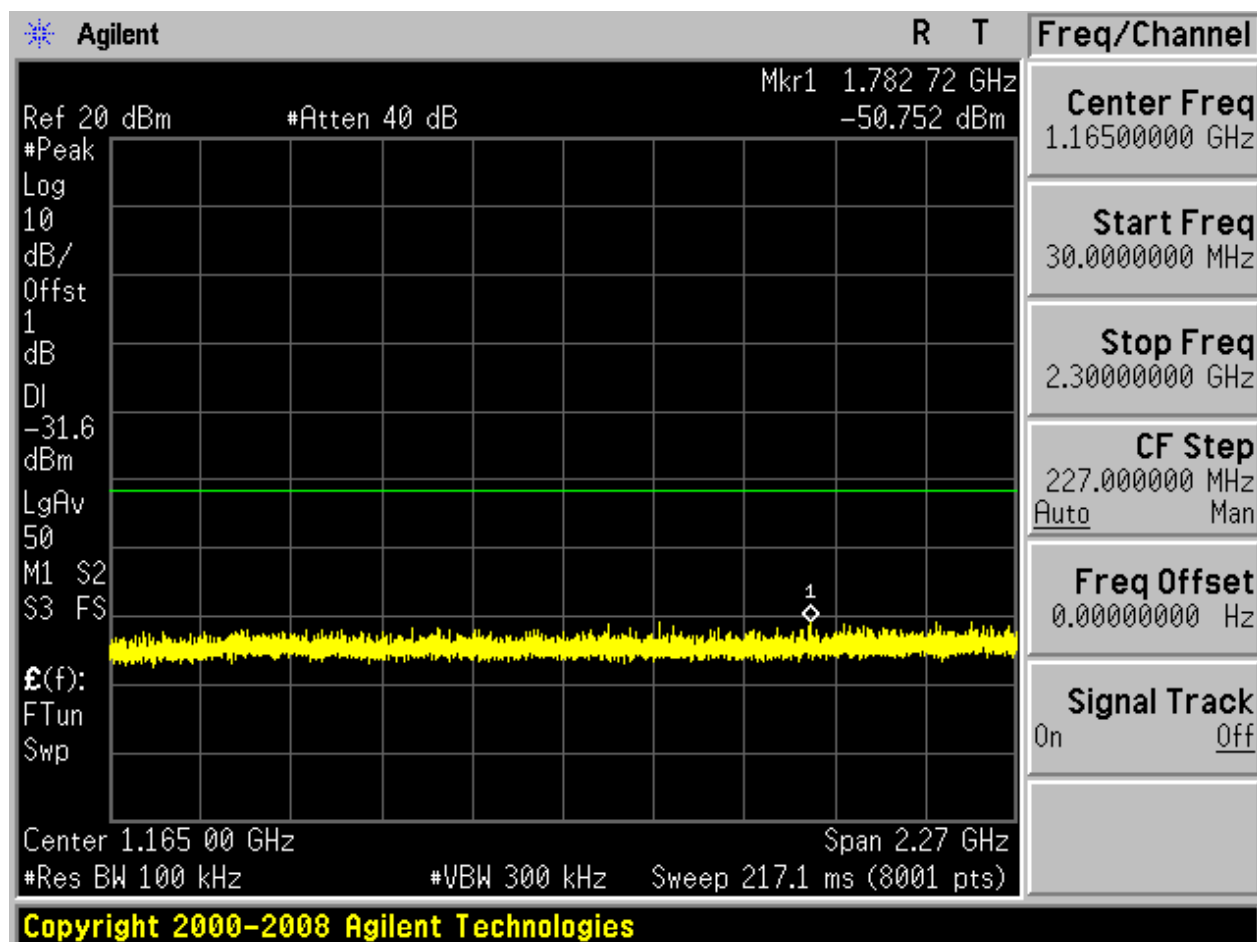


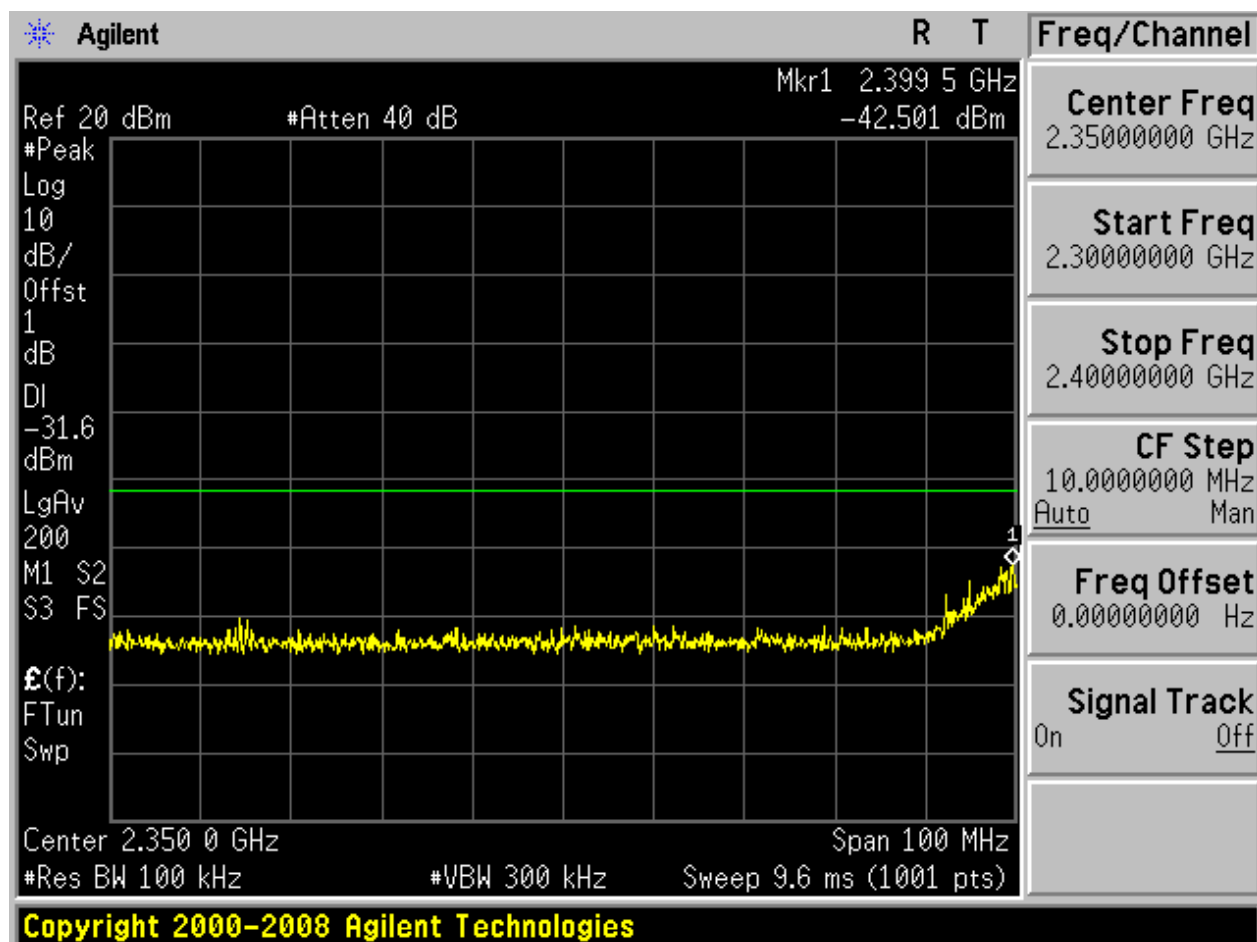


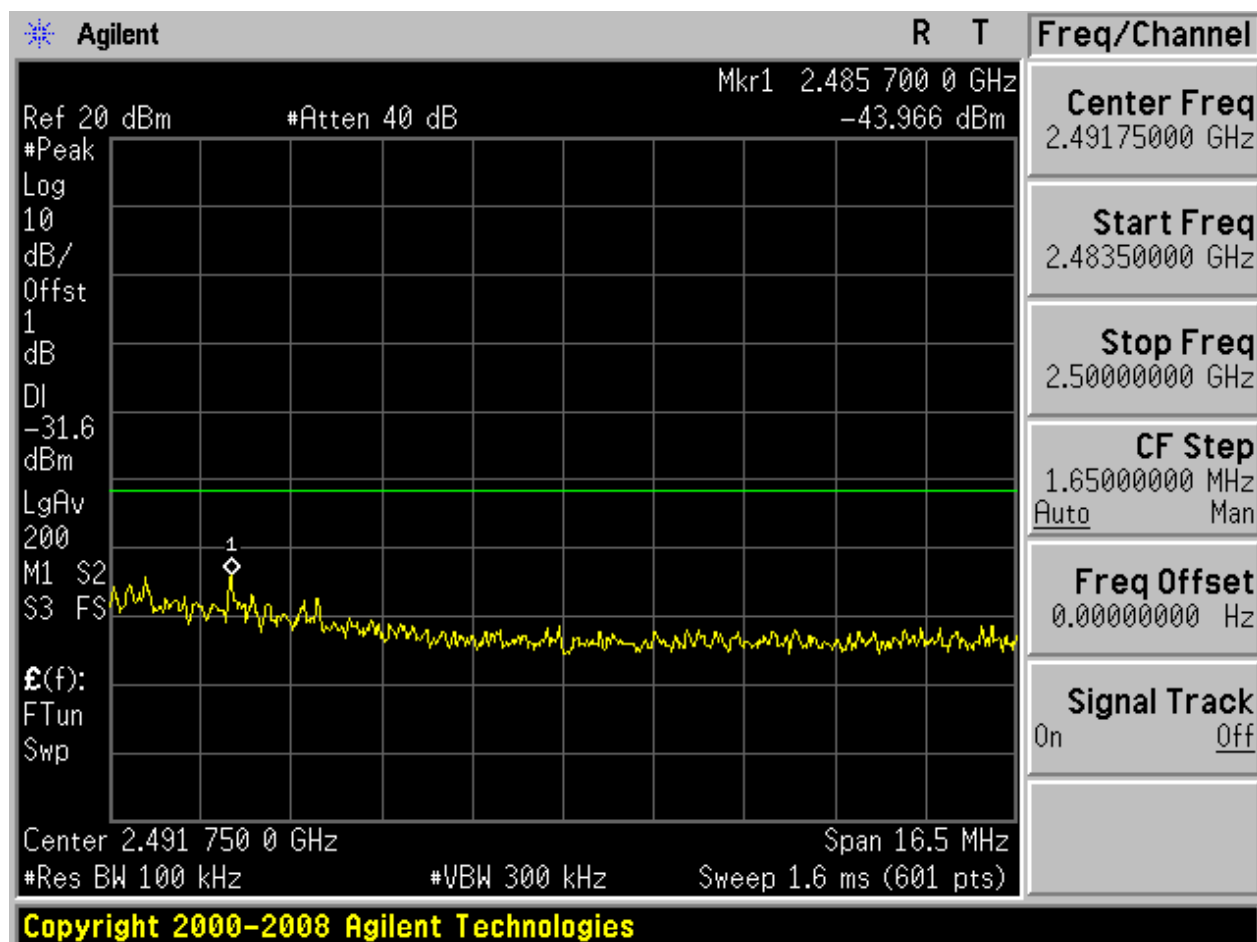
Puw:

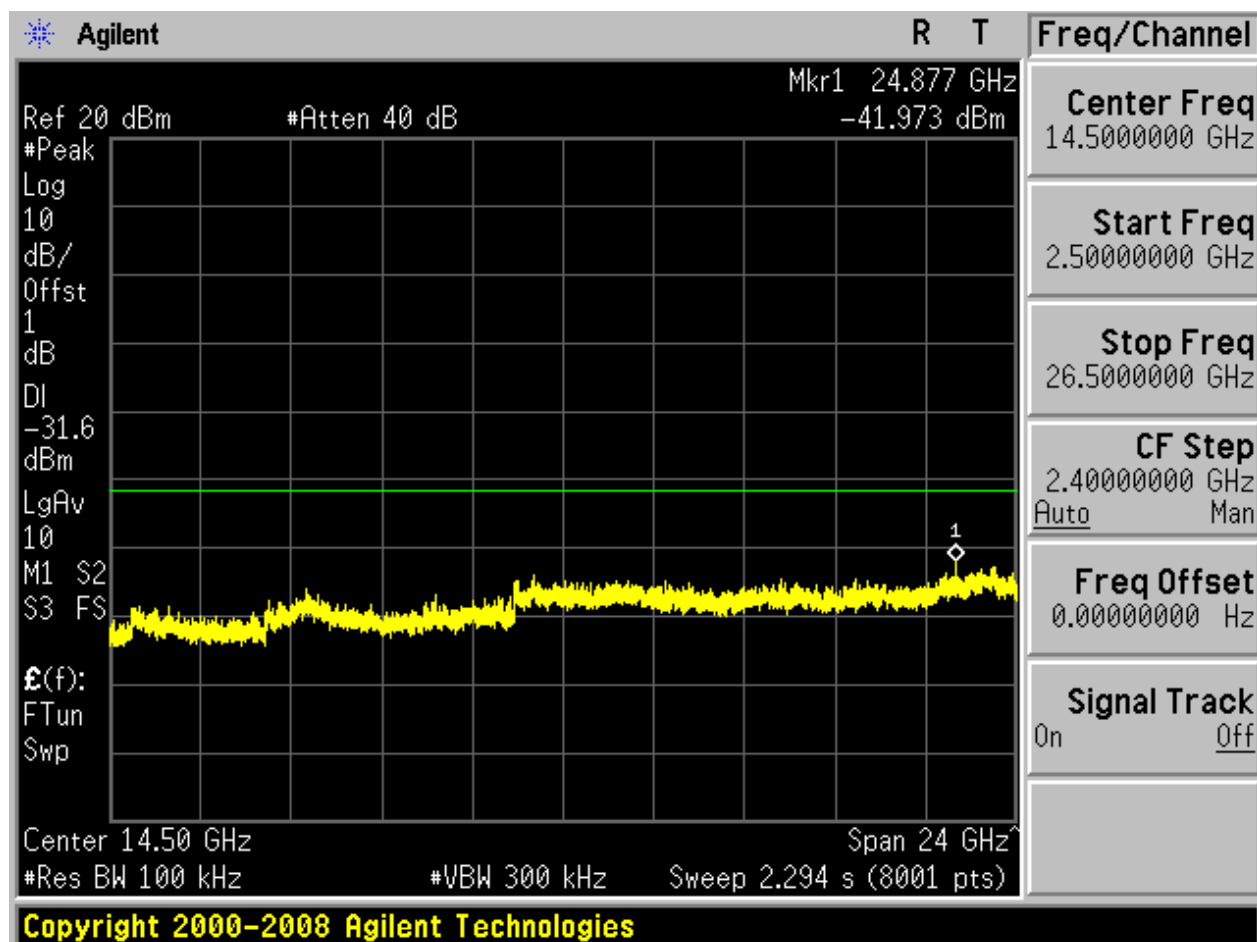






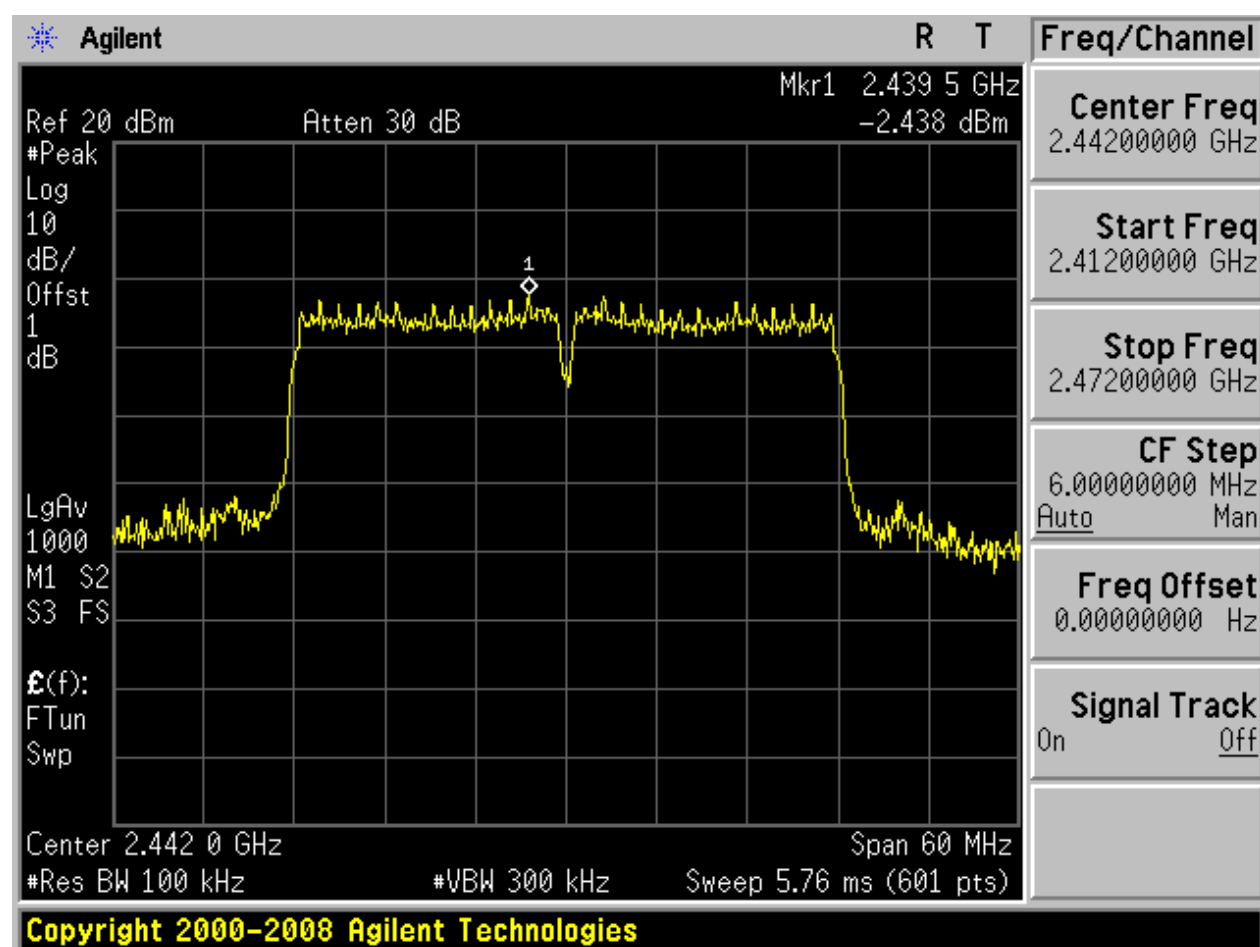






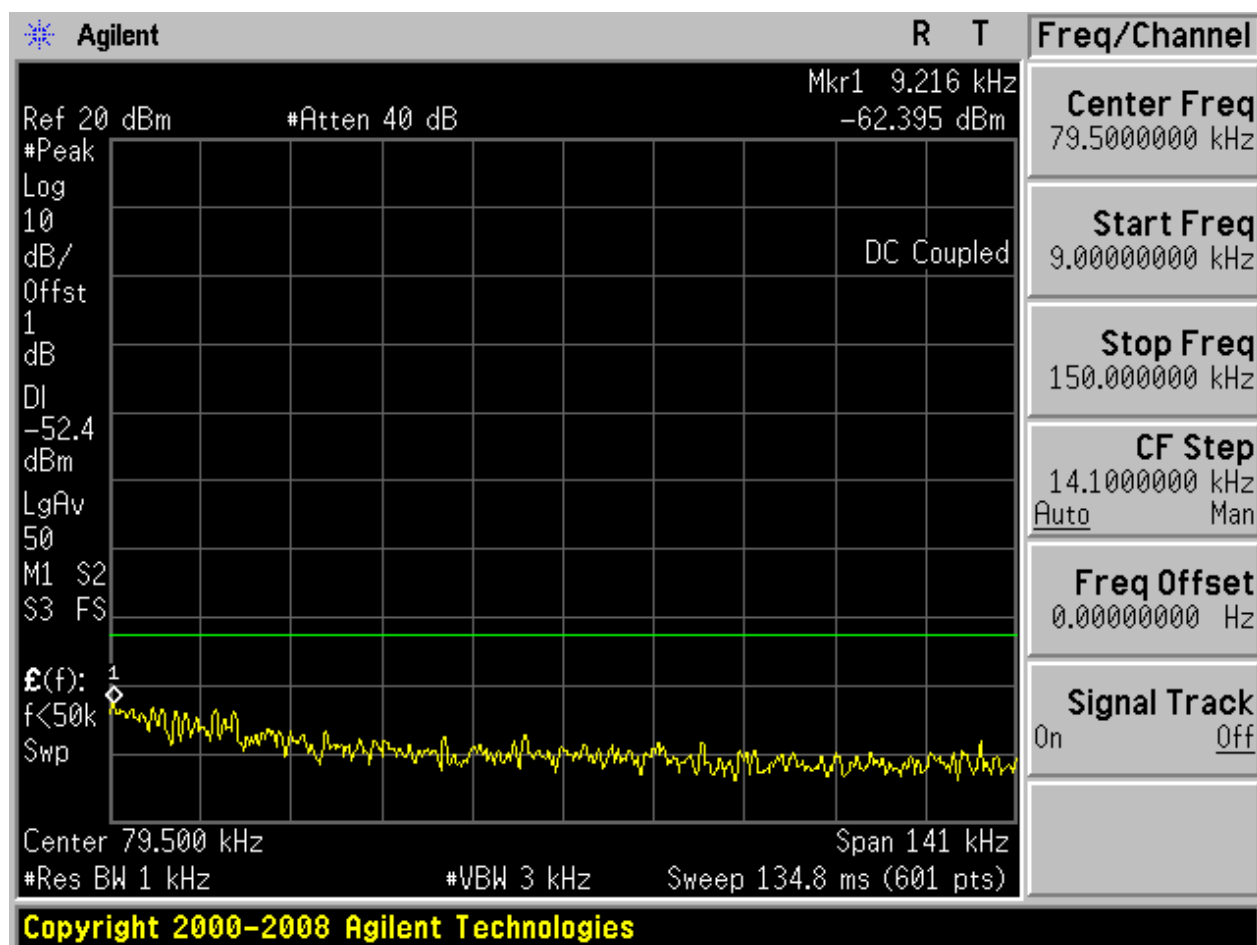
2.36 11N40m_H@Ant 2

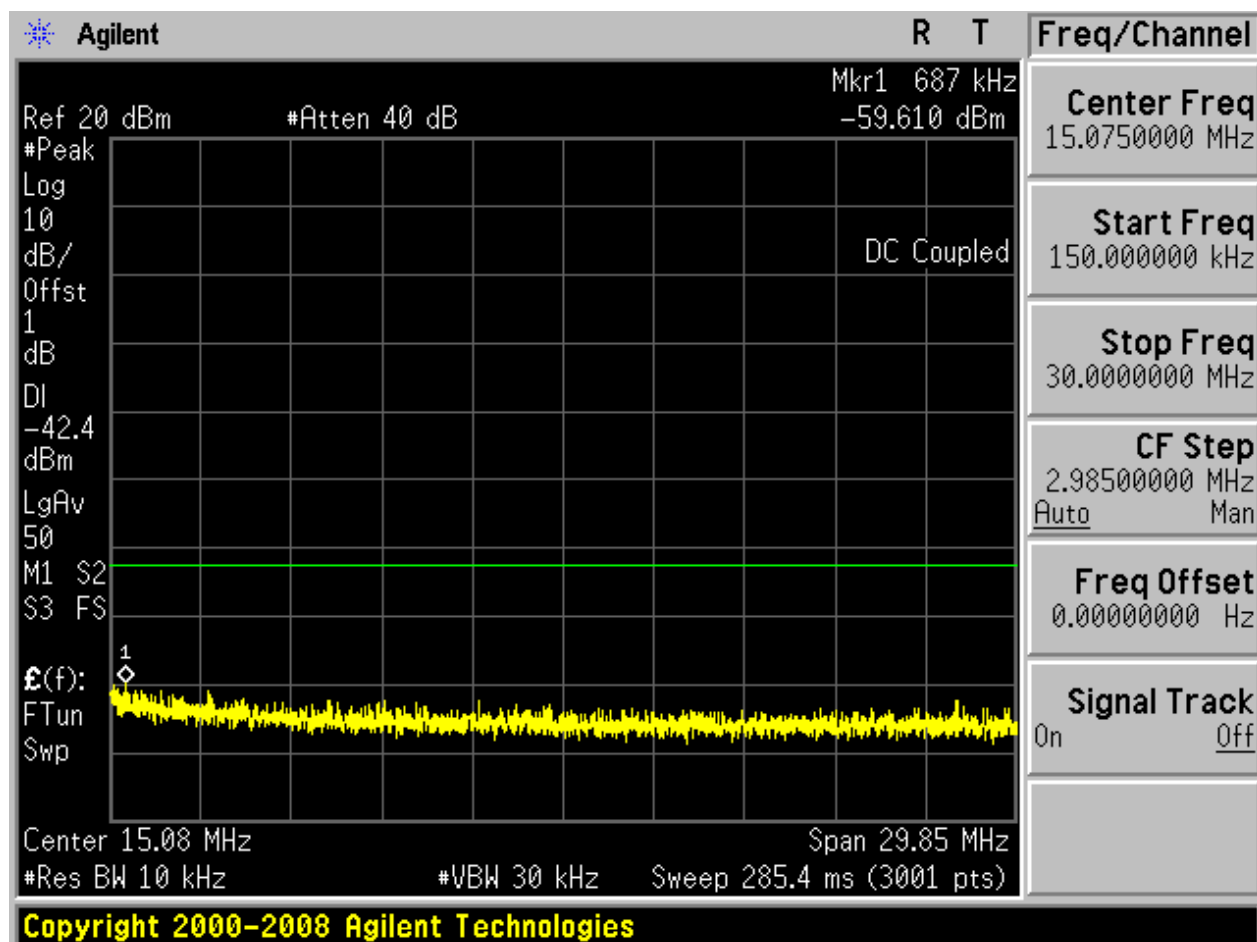
Pref:

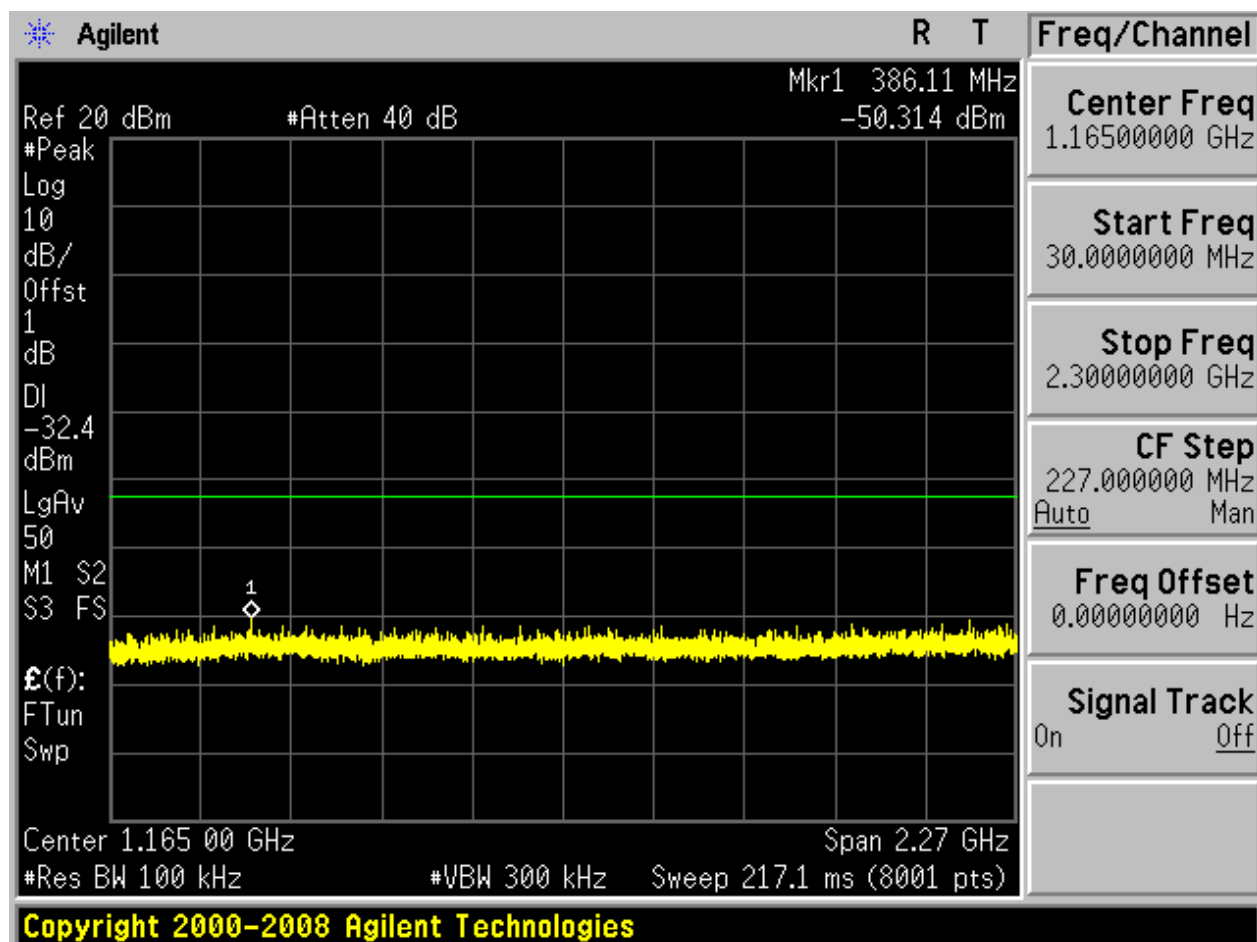


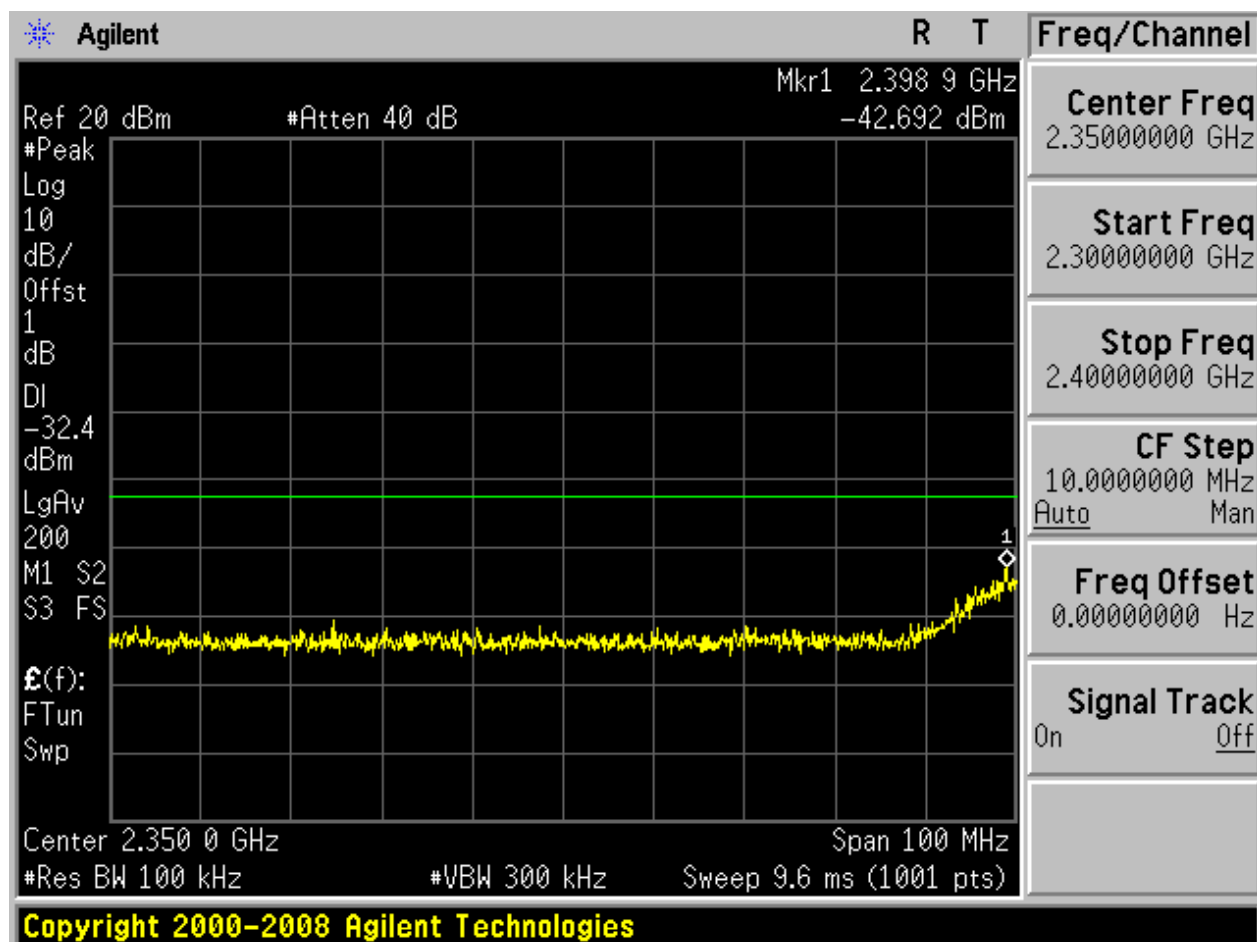


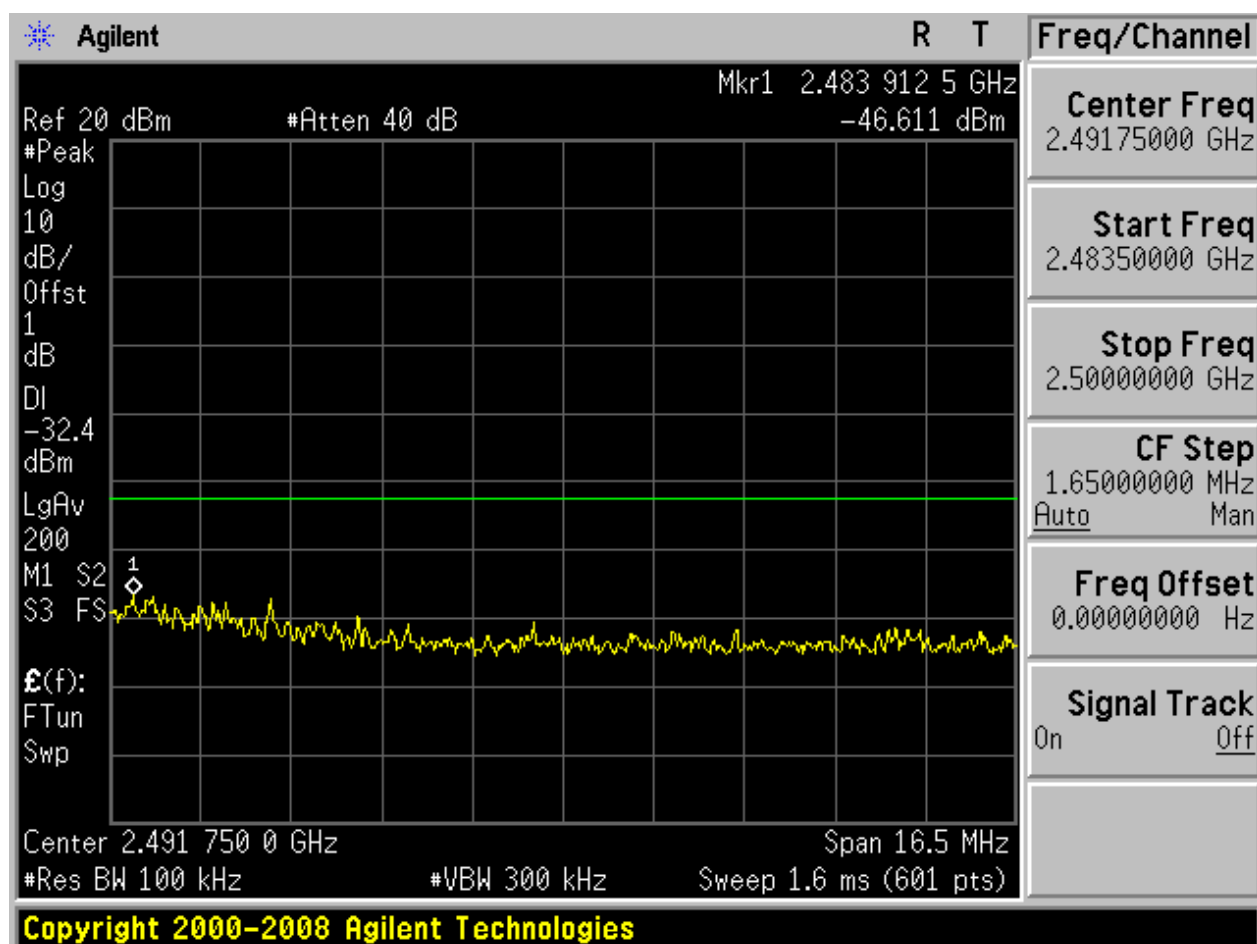
Puw:

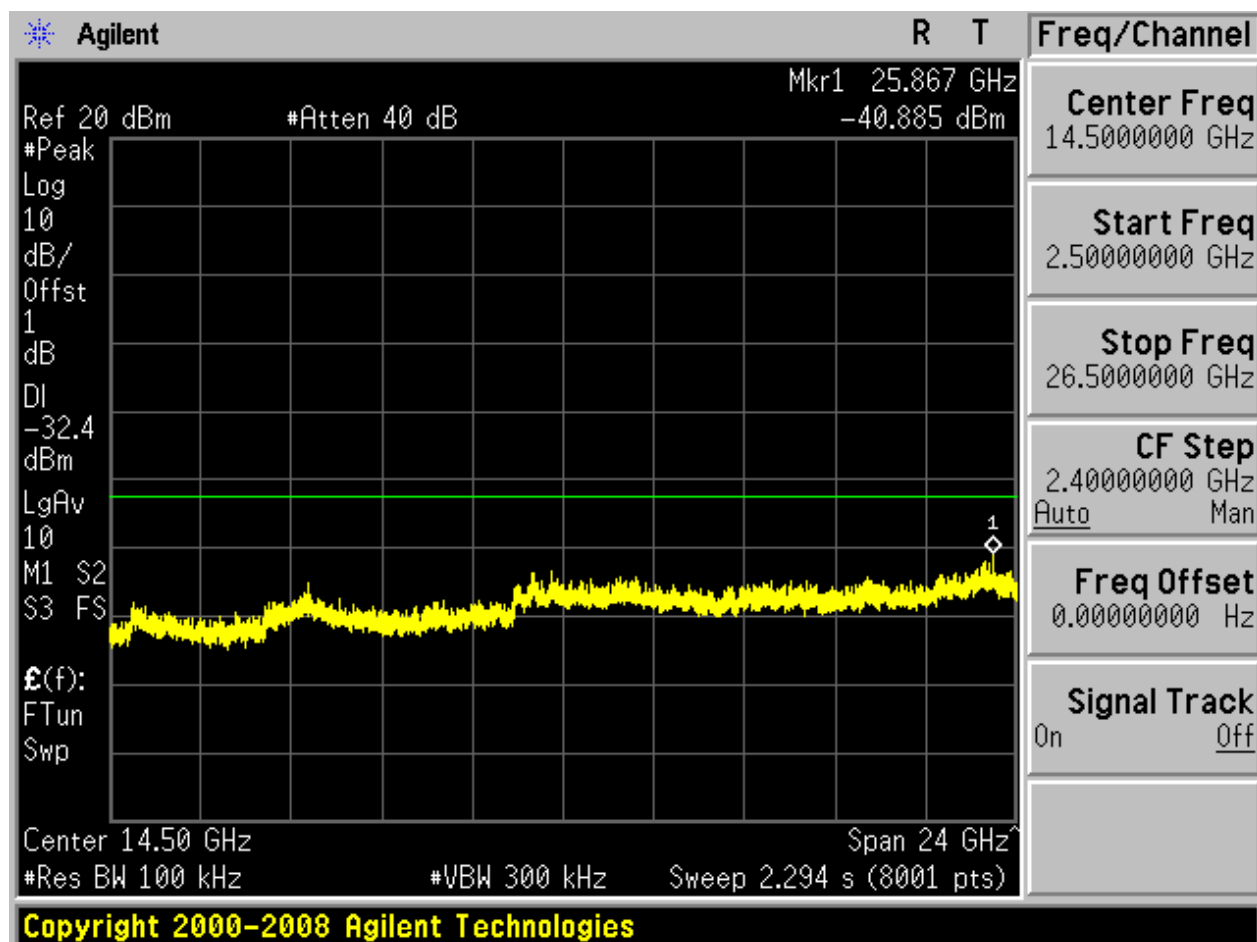












Appendix G: Radiated Spurious Emission & Spurious in Restricted Band

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

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

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

The simultaneous transmission has been considered

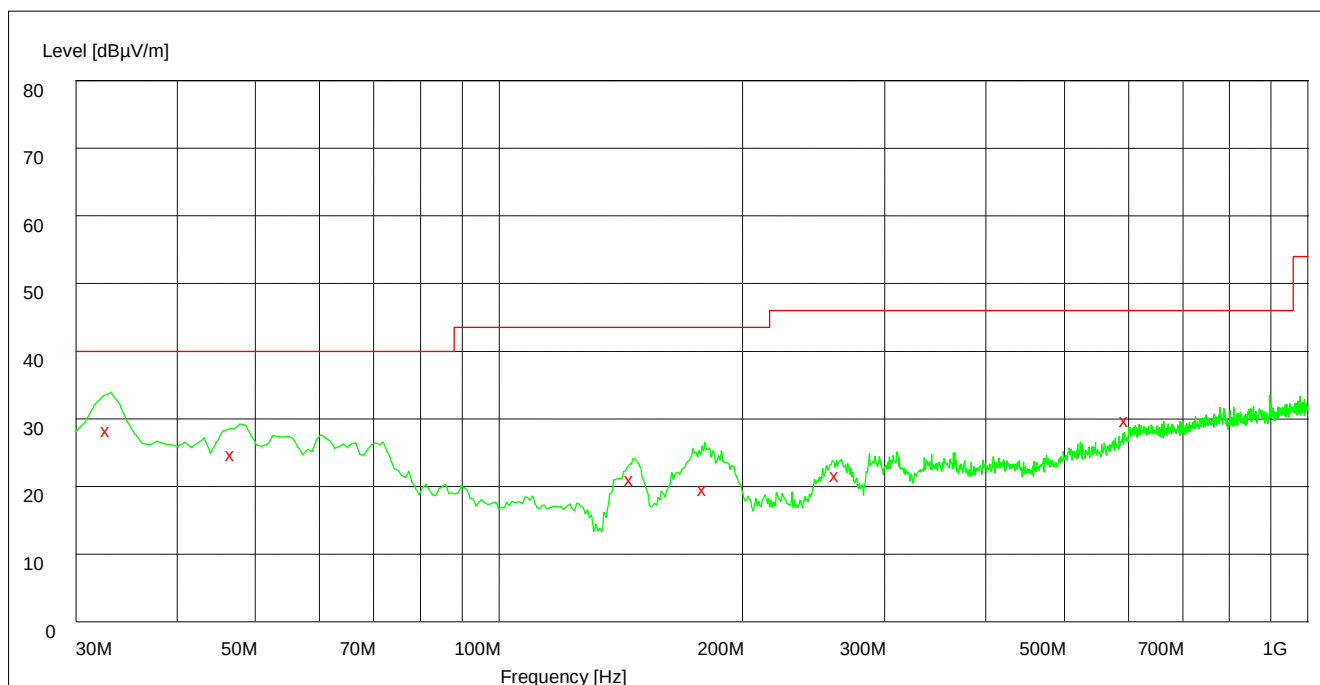
Part 1: Testing Range of “9 kHz to 30MHz”

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

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

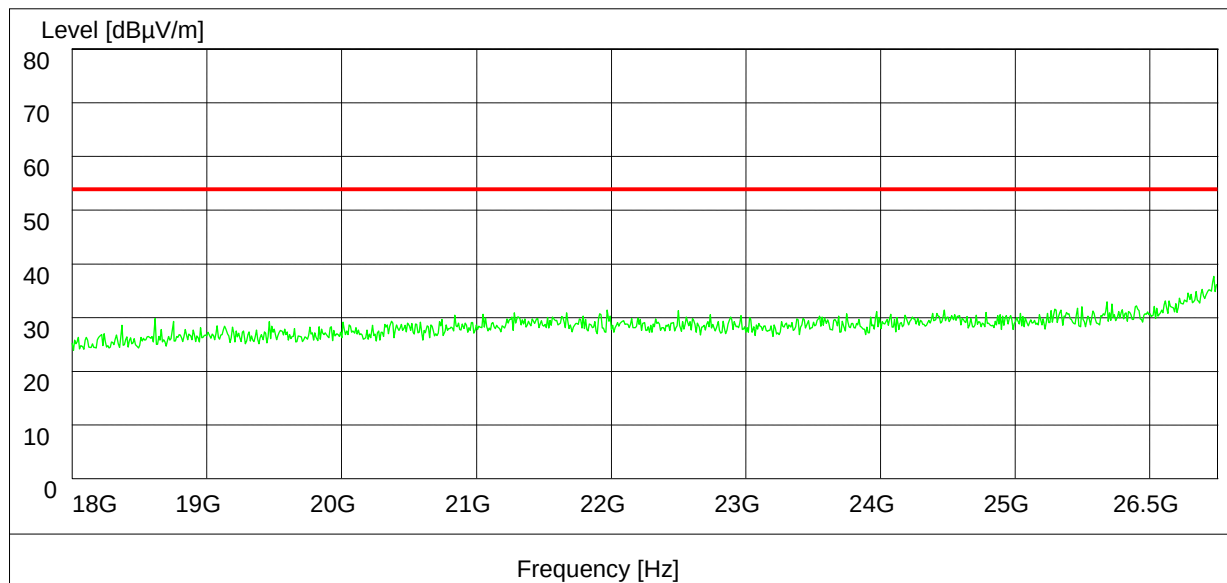
Note 1: The test results and plot for testing range of “30 MHz to 1 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.

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
32.984000	29.70	12.9	40.0	10.3	100.0	293.00	VERTICAL
46.948000	26.10	15.5	40.0	13.9	100.0	169.00	VERTICAL
146.280000	22.40	10.1	43.5	21.1	100.0	14.00	VERTICAL
180.068000	20.90	11.3	43.5	22.6	100.0	171.00	VERTICAL
262.080000	23.10	15.0	46.0	22.9	100.0	223.00	HORIZONTAL
597.908000	31.20	23.5	46.0	14.8	187.0	14.00	HORIZONTAL

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

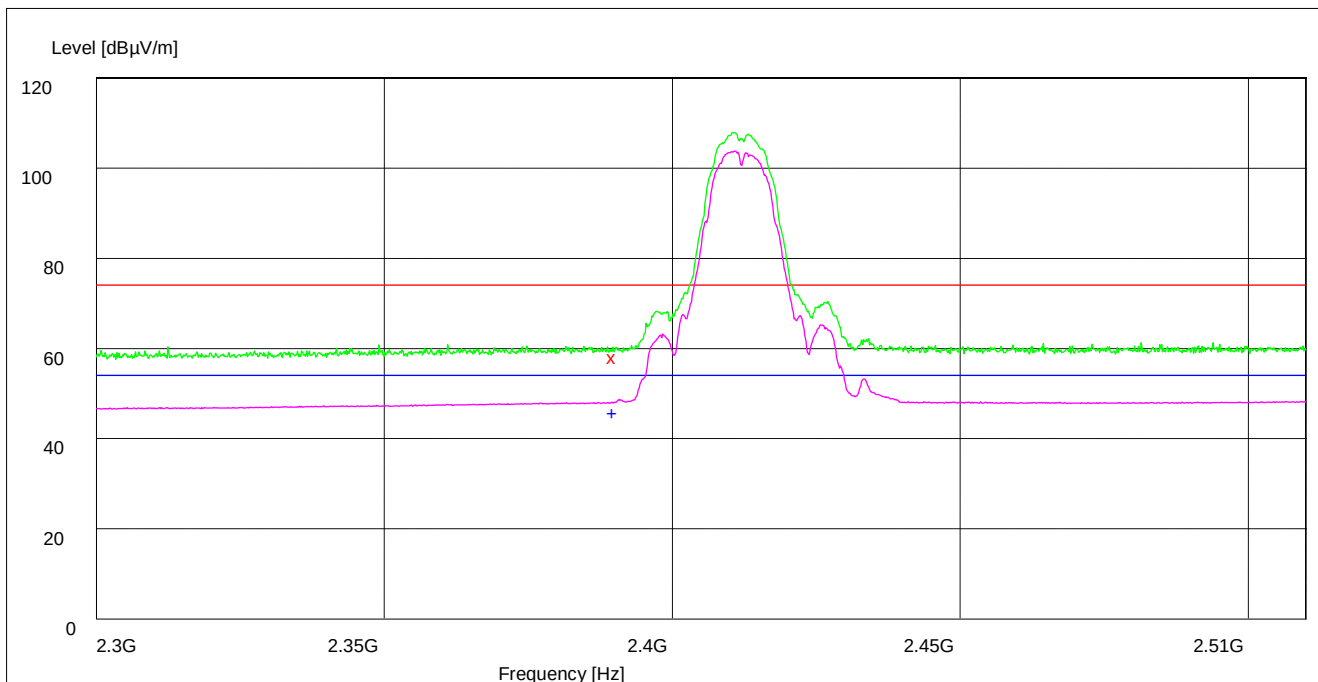
Note: No peak found in pre- test.

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

- Note 1: The testing range of “2.3 GHz to 2.51 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.
- Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB 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: ANT1-11B

Channel 01



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

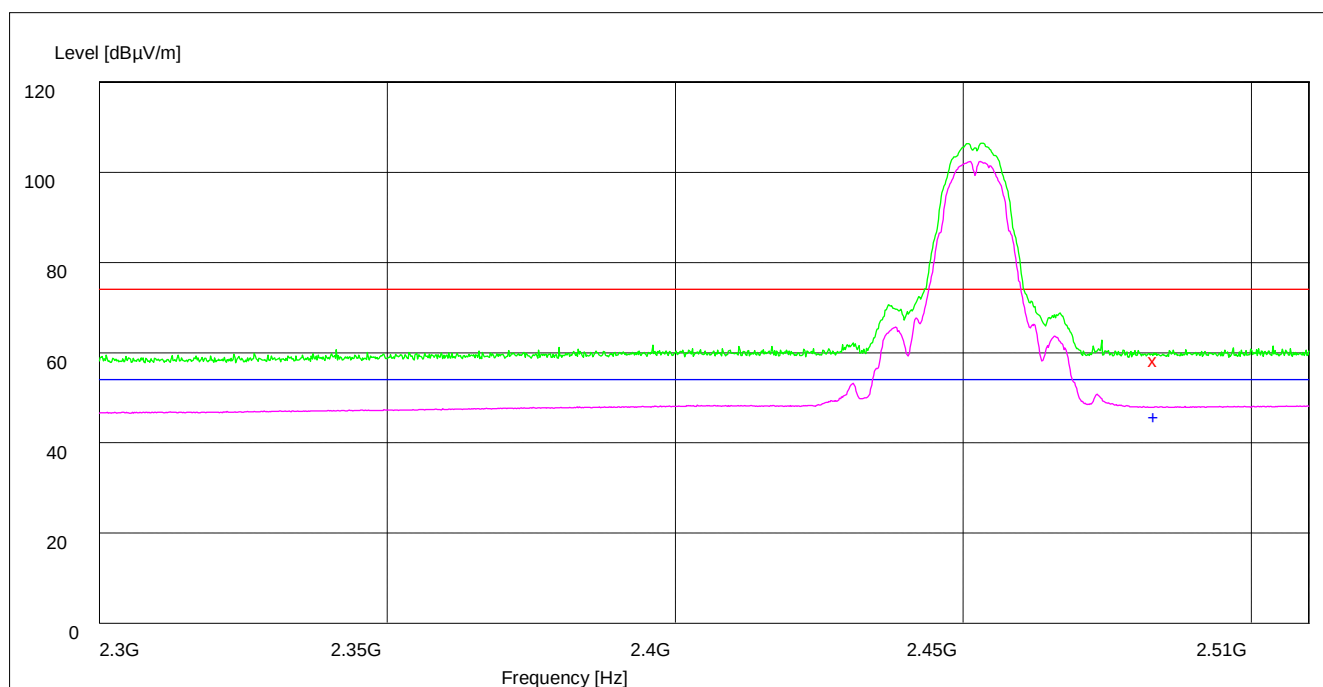
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.20	34.8	74.0	13.8	117.0	282.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.70	34.8	54.0	6.3	100.0	188.00	HORIZONTAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

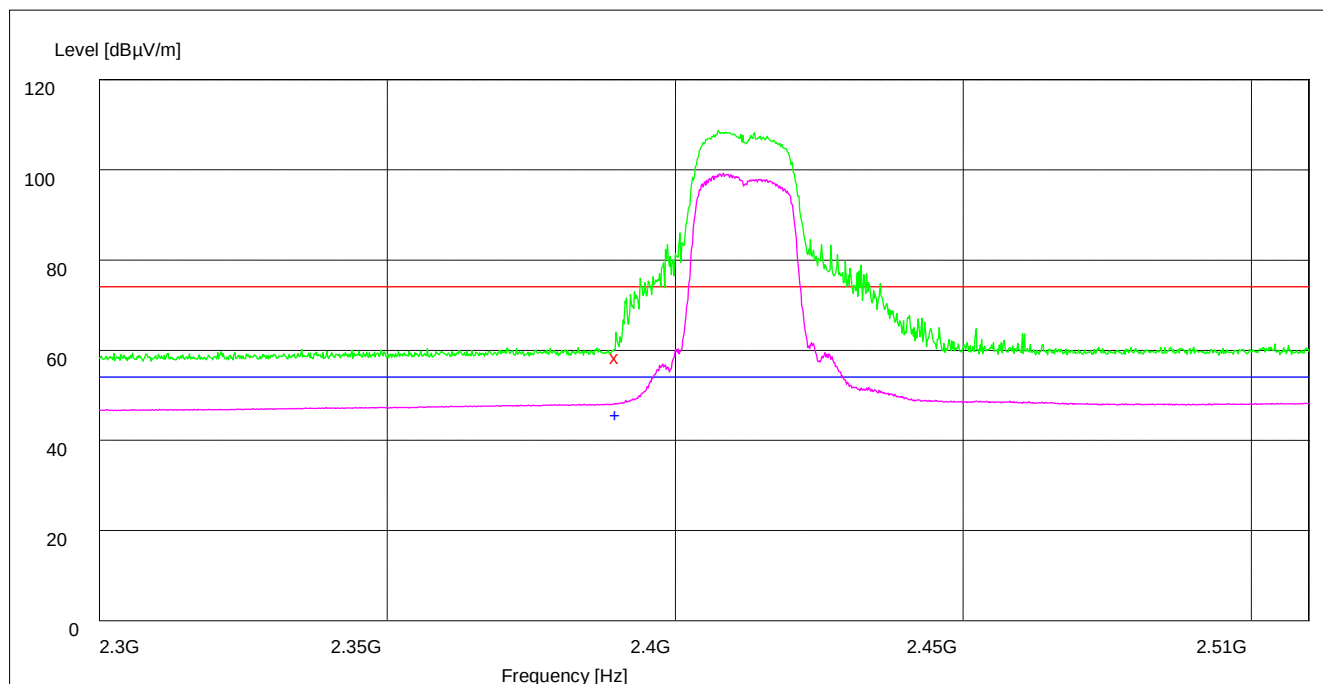
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	60.50	35.1	74.0	13.5	200.0	110.00	HORIZONTAL

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	195.0	189.00	VERTICAL

Test Mode: ANT0-11G

Channel 01



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

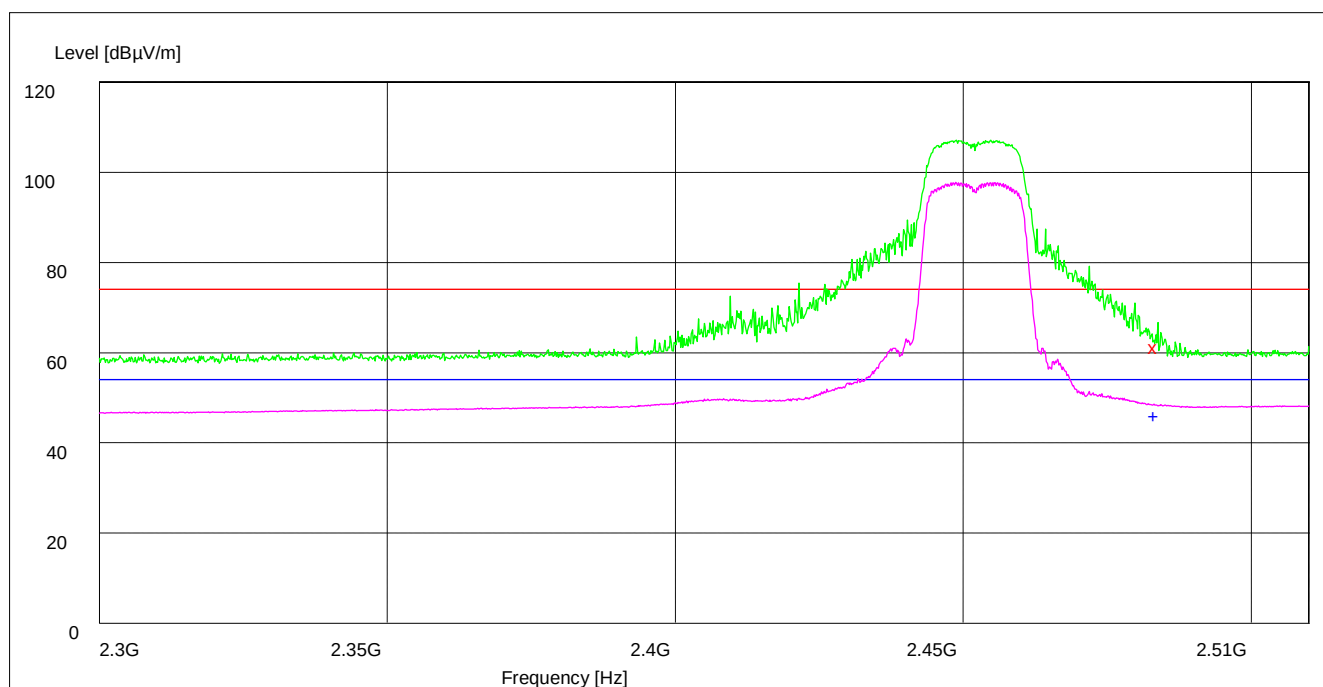
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.50	34.8	74.0	13.5	130.0	208.00	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	5.00	VERTICAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

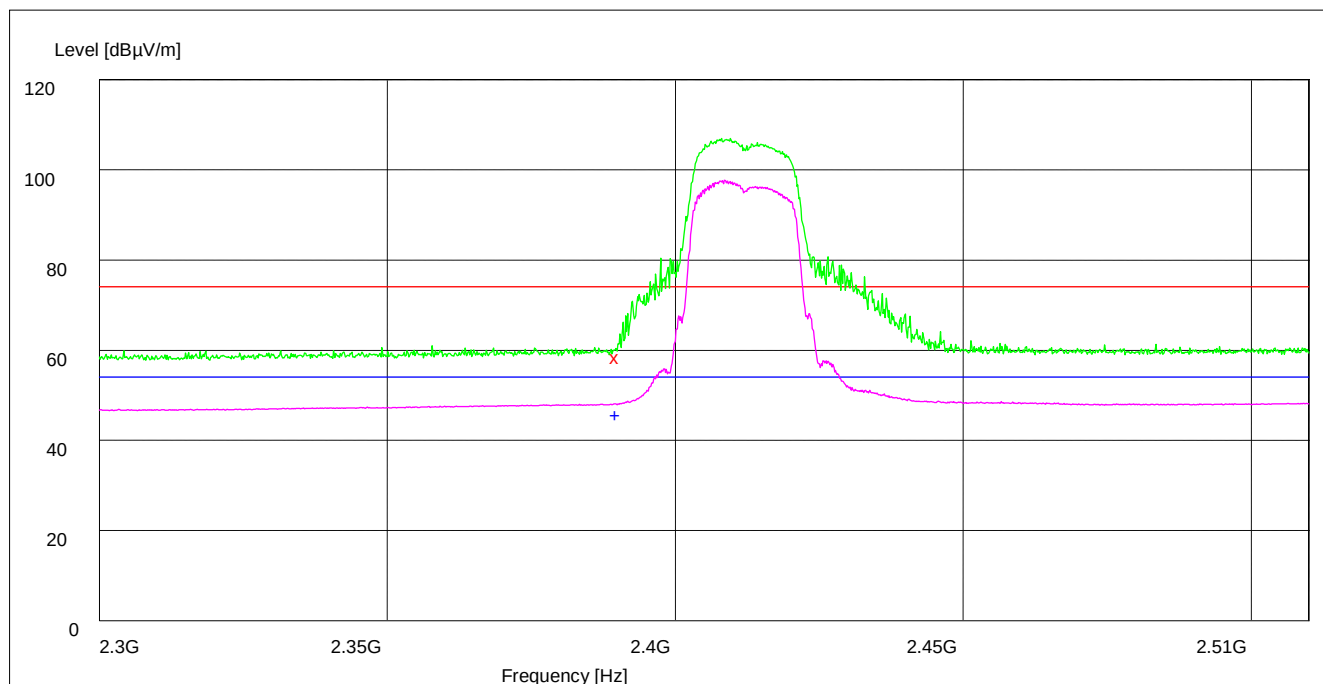
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	63.30	35.1	74.0	10.7	100.0	189.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	48.00	35.1	54.0	6.0	100.0	193.00	HORIZONTAL

Test Mode: ANT0-11N-20M

Channel 01



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

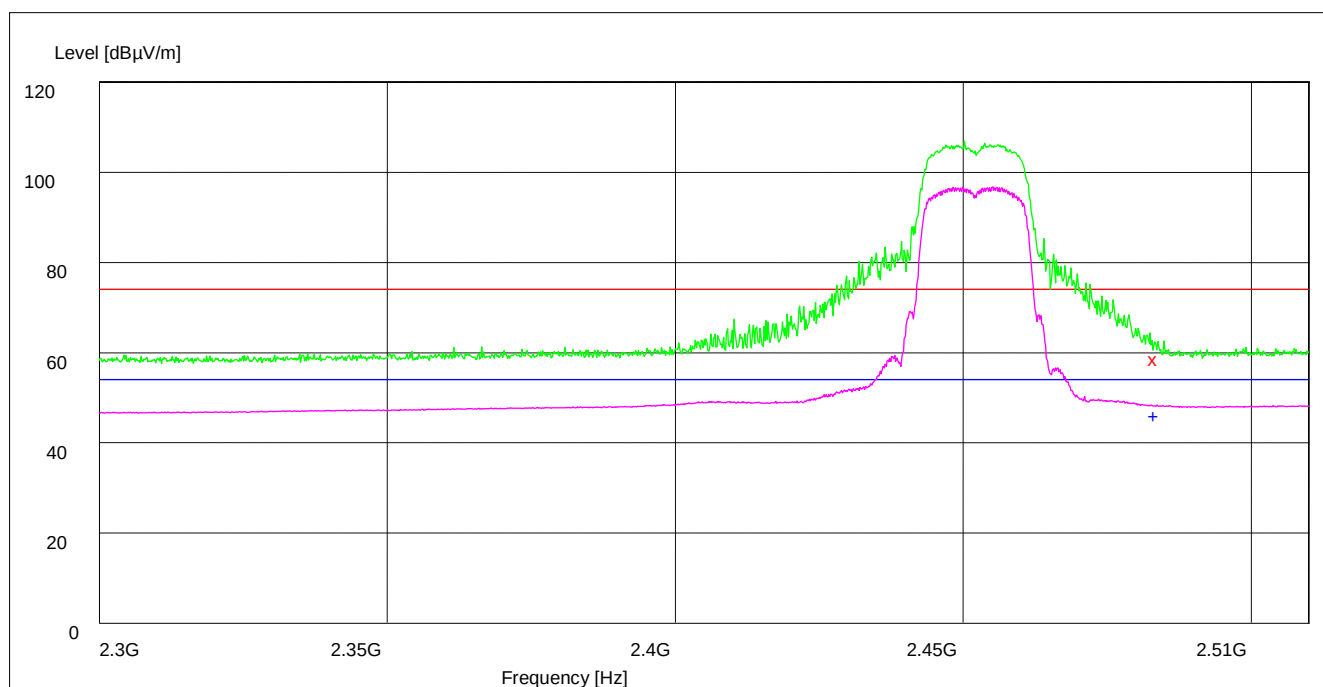
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.50	34.8	74.0	13.5	100.0	216.00	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	170.0	304.00	HORIZONTAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

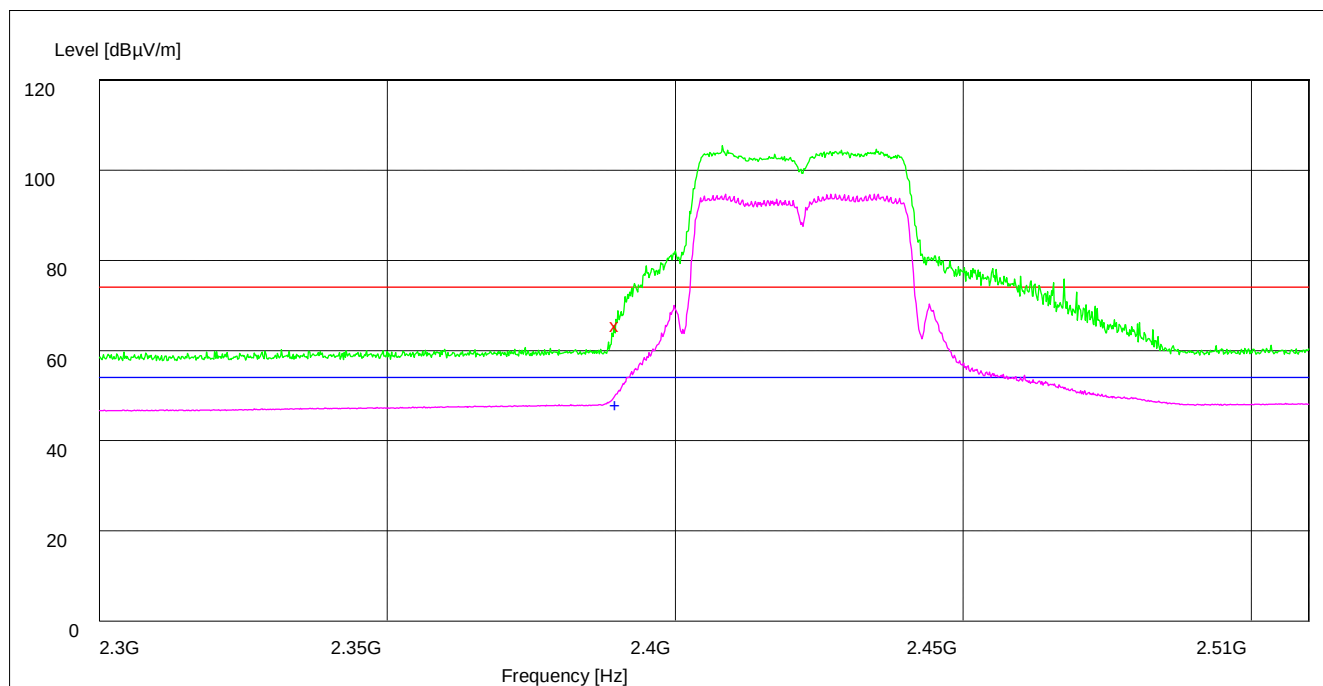
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	60.80	35.1	74.0	13.2	157.0	237.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.90	35.1	54.0	6.1	100.0	170.00	HORIZONTAL

Test Mode: ANT0-11N-40M

Channel 03



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

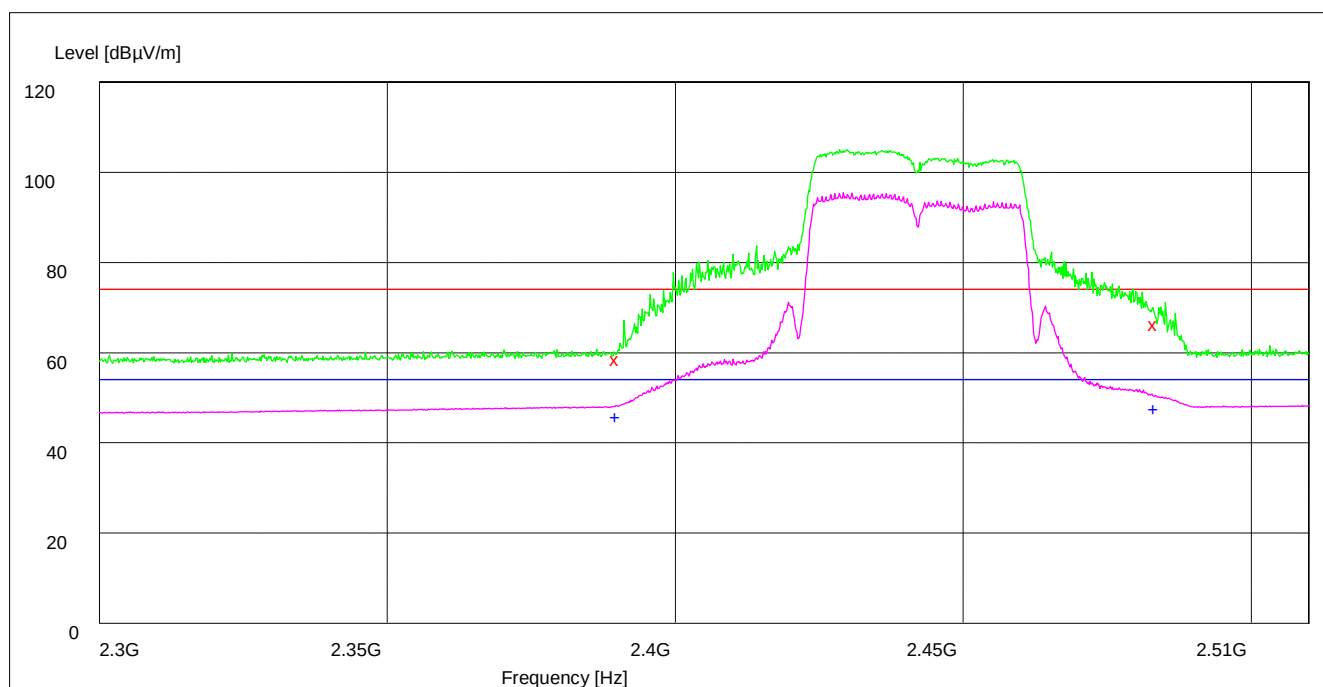
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	67.60	34.8	74.0	6.4	100.0	221.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	49.80	34.8	54.0	4.2	100.0	171.00	HORIZONTAL

Channel 07



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

MEASUREMENT RESULT: PK Detector

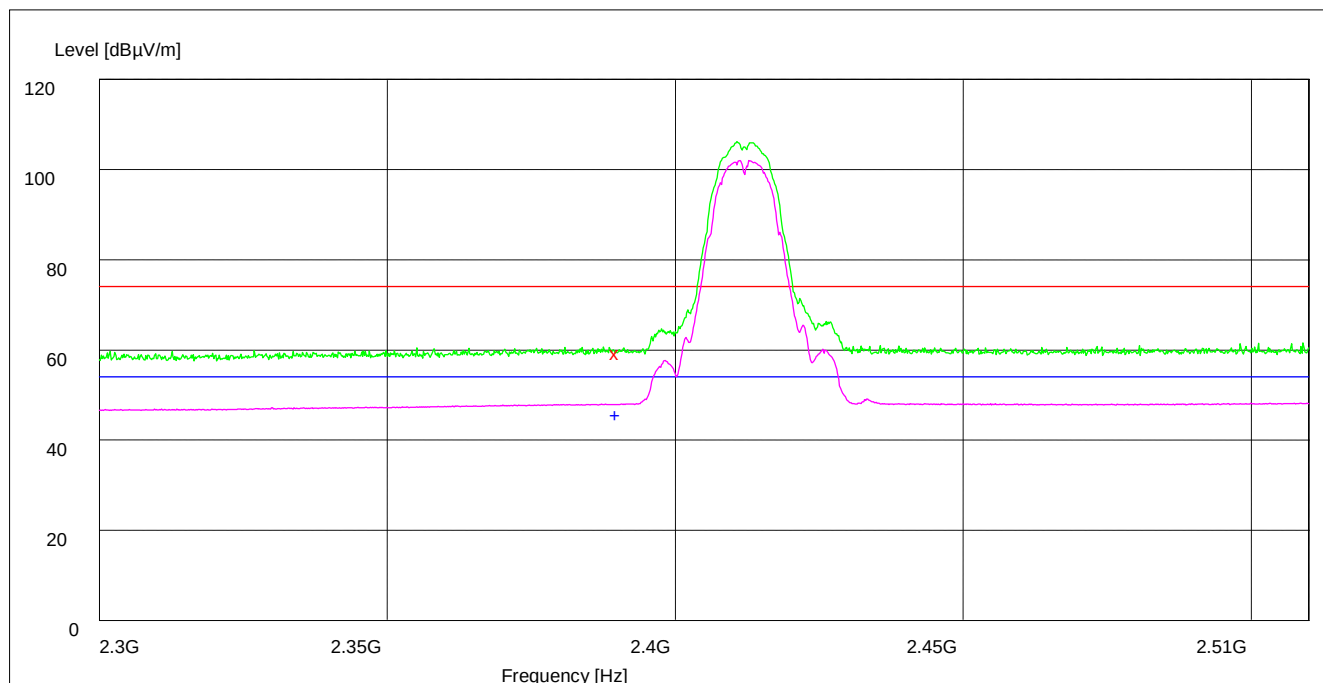
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.60	34.8	74.0	13.4	100.0	229.00	VERTICAL
2483.500000	68.40	35.1	74.0	5.6	101.0	200.00	HORIZONTAL

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	200.0	344.00	VERTICAL
2483.500000	49.50	35.1	54.0	4.5	101.0	196.00	HORIZONTAL

Test Mode: ANT1-11B

Channel 01



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

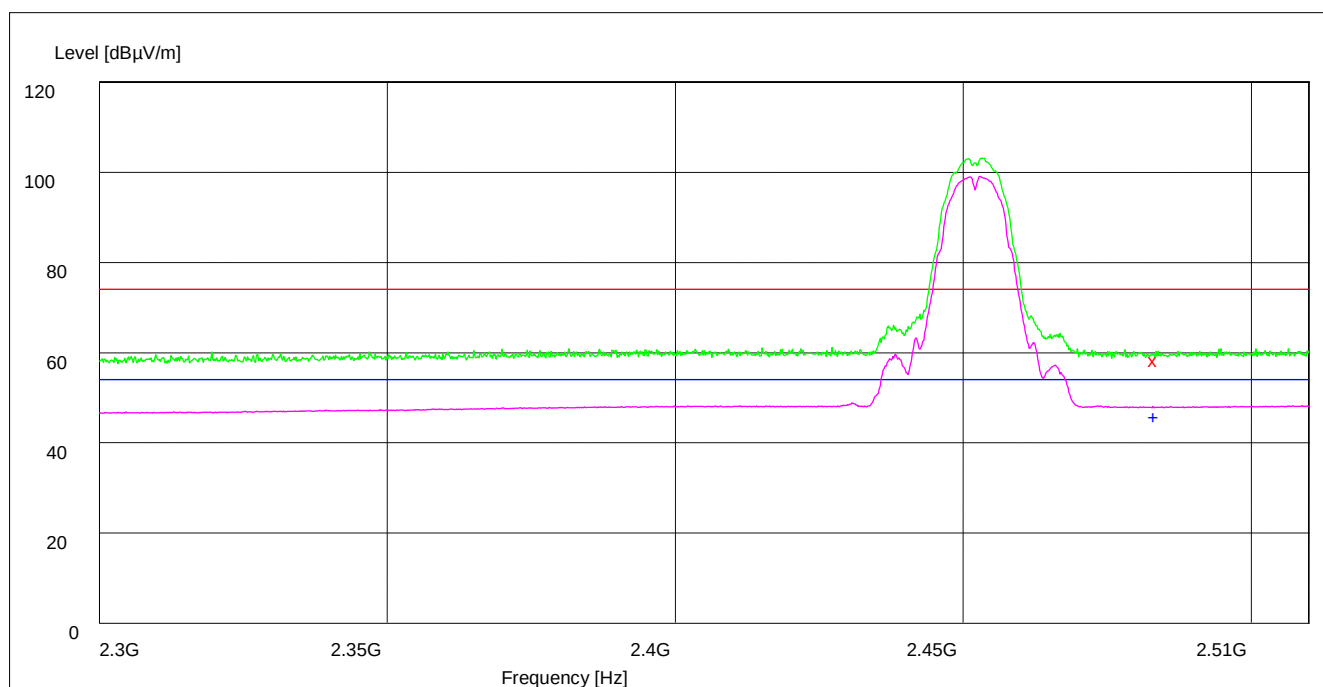
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	61.40	34.8	74.0	12.6	149.0	5.00	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	259.00	VERTICAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

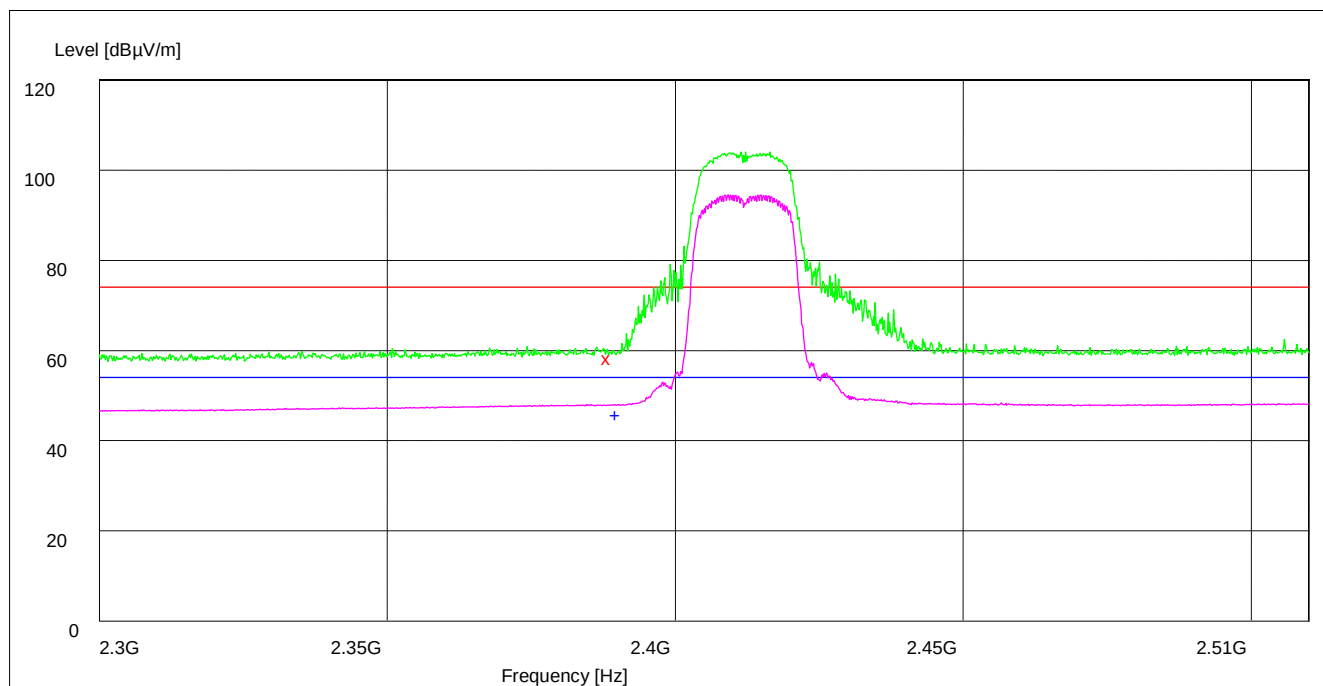
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	60.50	35.1	74.0	13.5	197.0	293.00	VERTICAL

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	123.0	250.00	HORIZONTAL

Test Mode: ANT1-11G

Channel 01



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

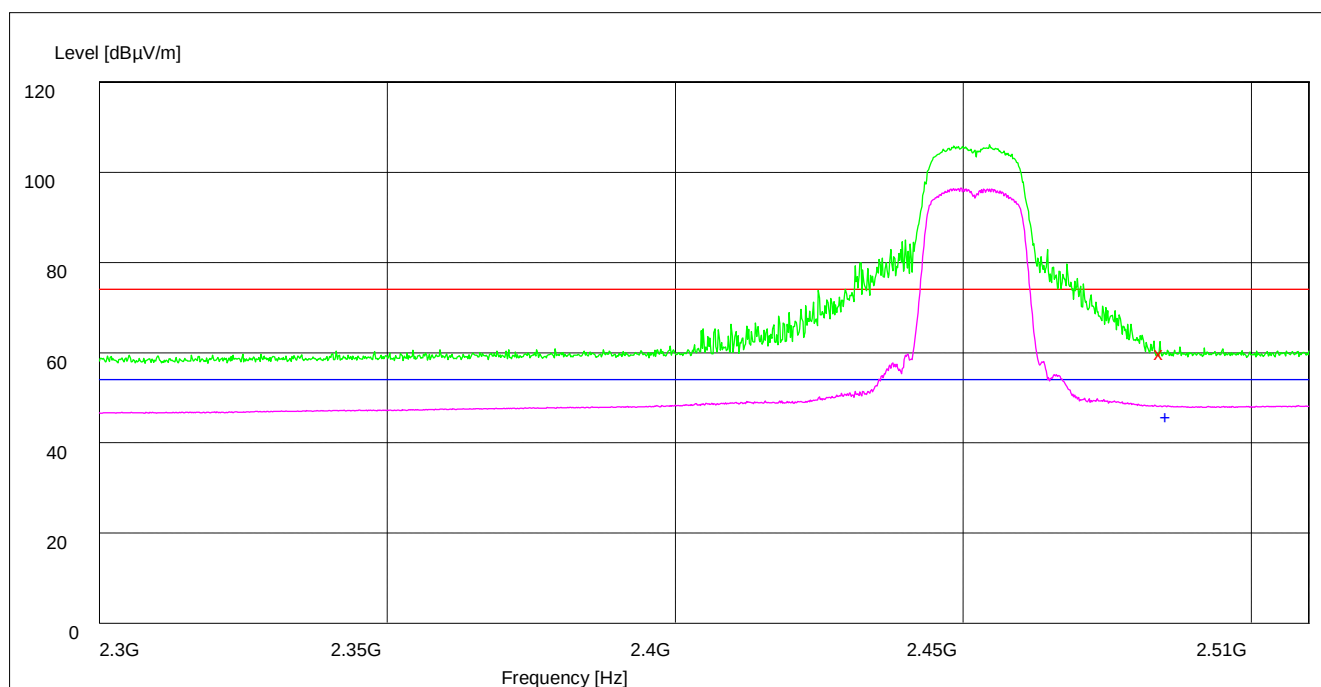
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.40	34.8	74.0	13.6	164.0	264.00	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	176.0	110.00	VERTICAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

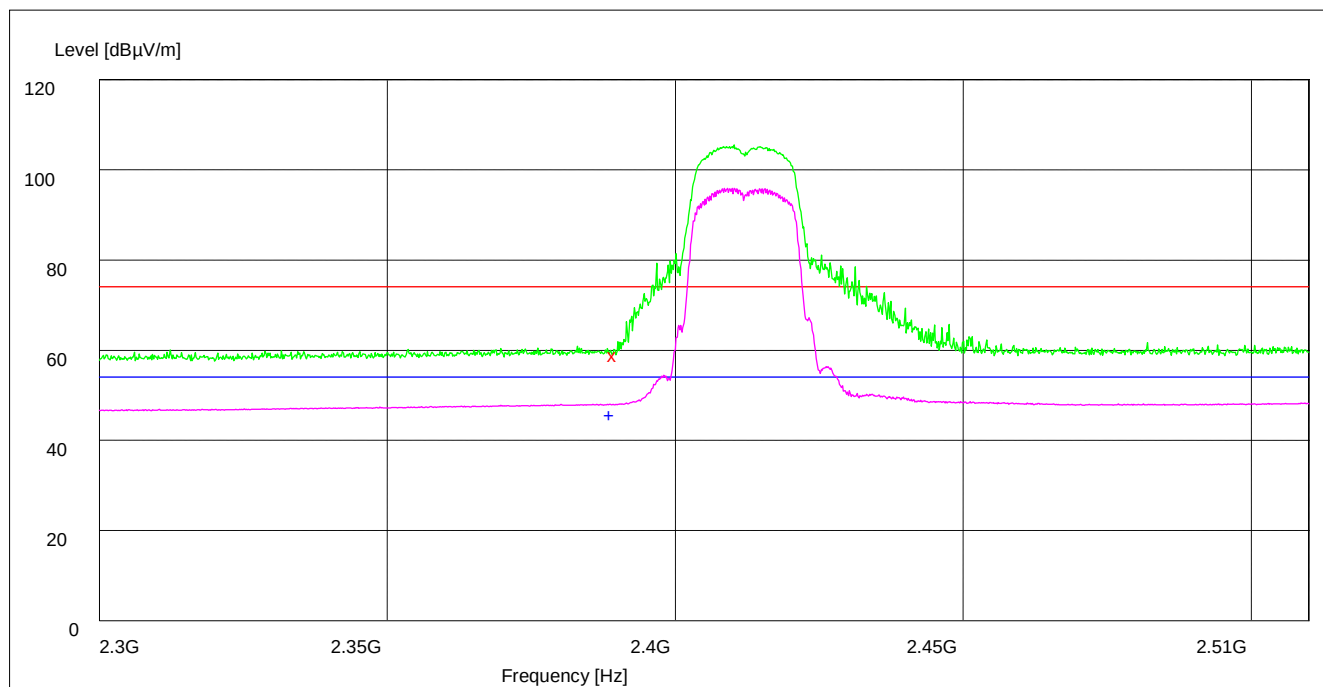
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	61.90	35.1	74.0	12.1	100.0	242.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.70	35.1	54.0	6.3	101.0	240.00	HORIZONTAL

Test Mode: ANT1-11N-20M

Channel 01



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

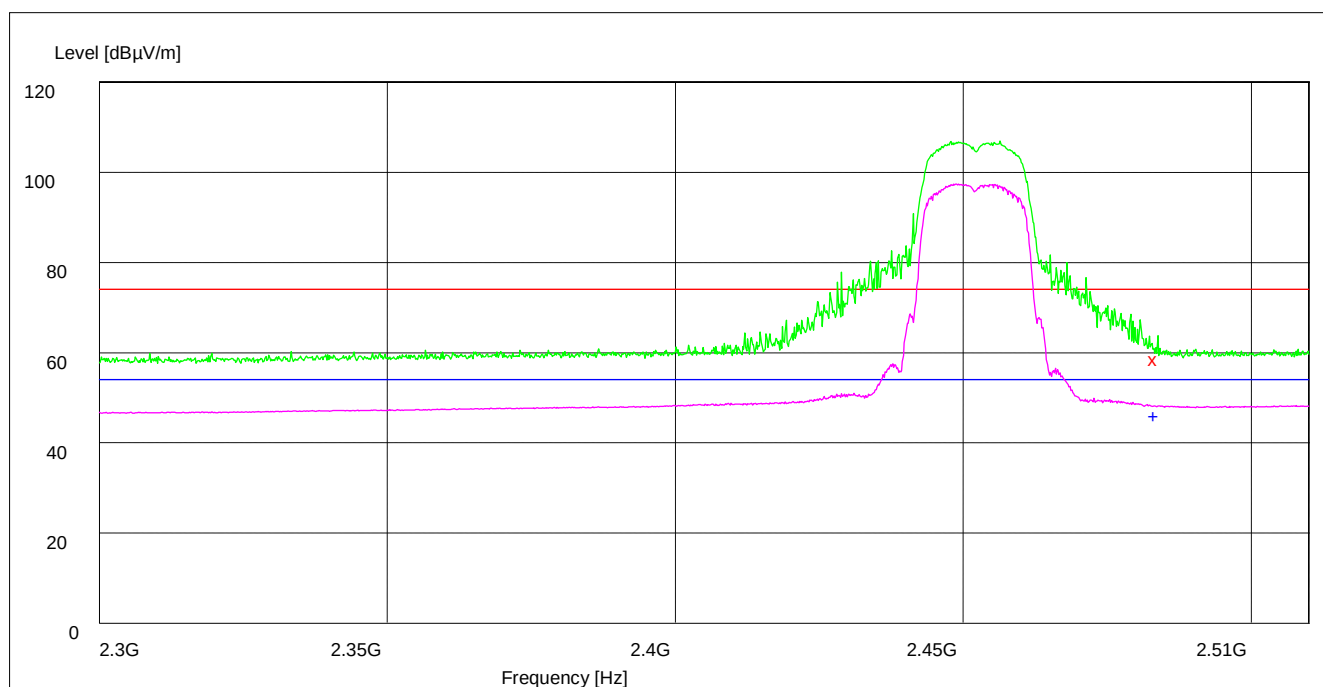
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.90	34.8	74.0	13.1	113.0	246.00	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	107.0	197.00	VERTICAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

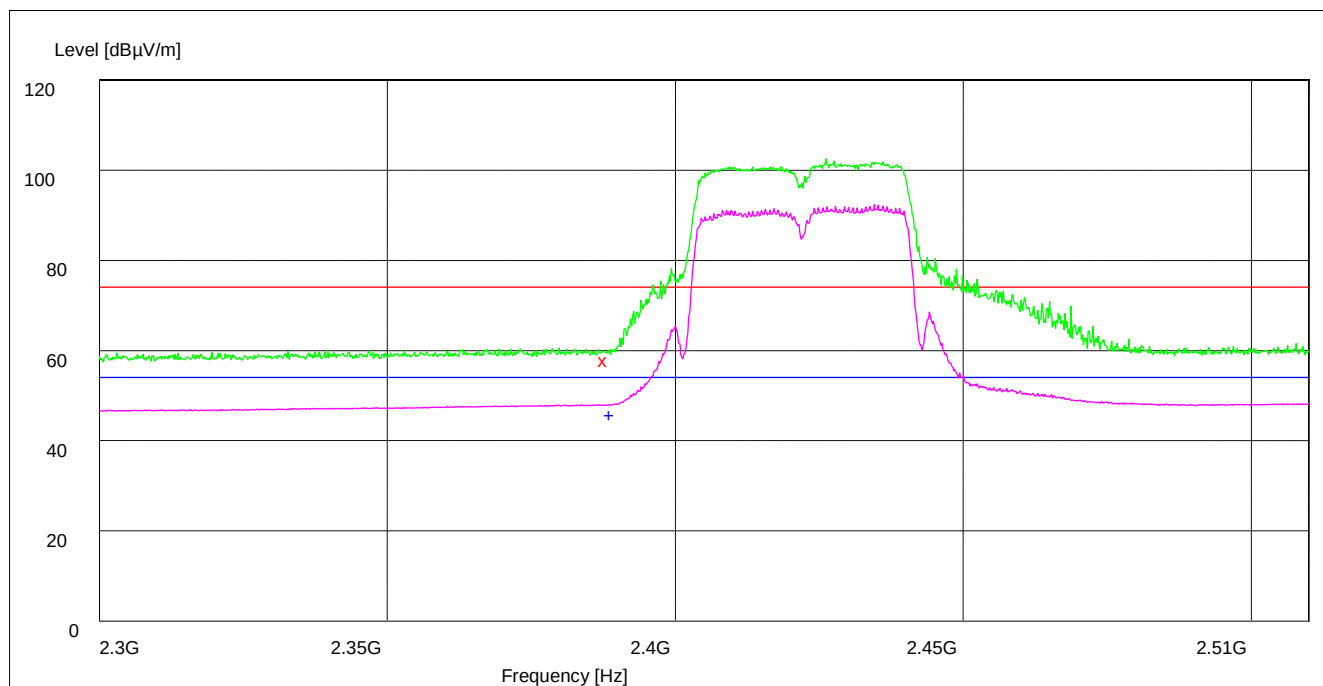
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	60.80	35.1	74.0	13.2	117.0	132.00	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.80	35.1	54.0	6.2	101.0	236.00	HORIZONTAL

Test Mode: ANT1-11N-40M

Channel 03



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

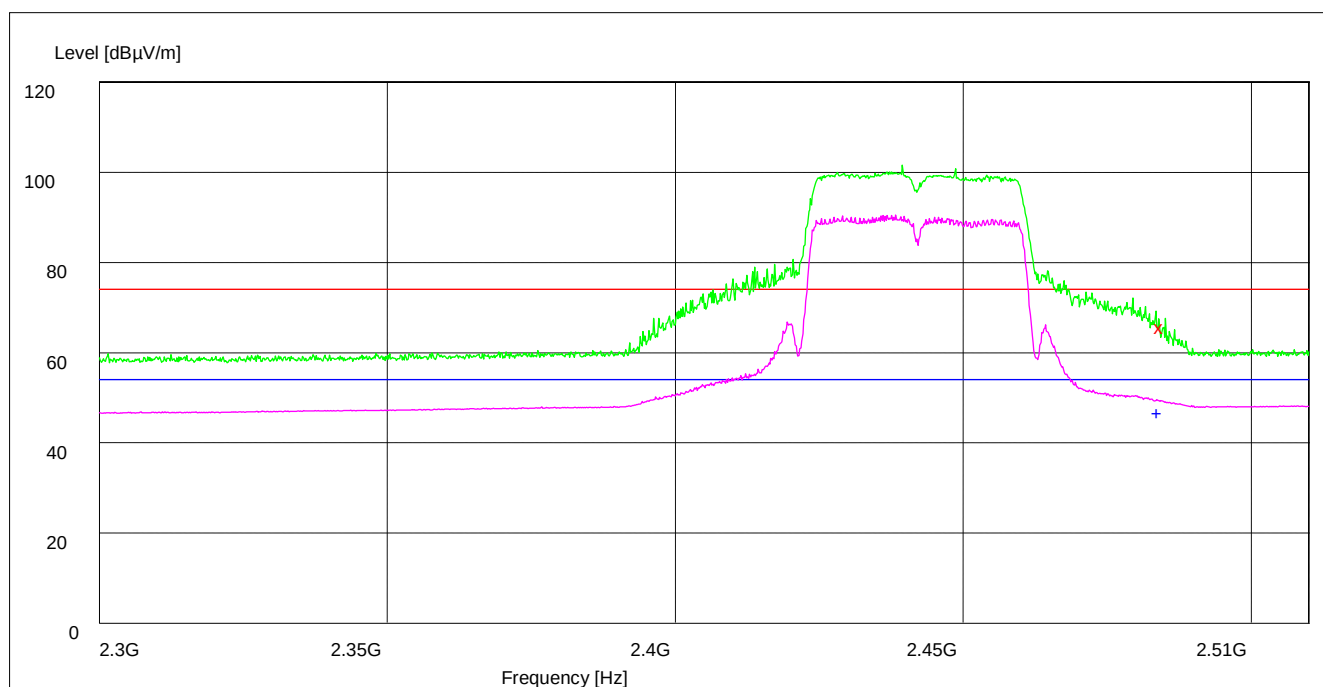
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	60.10	34.8	74.0	13.9	128.0	346.00	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	200.0	63.00	VERTICAL

Channel 07



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

MEASUREMENT RESULT: PK Detector

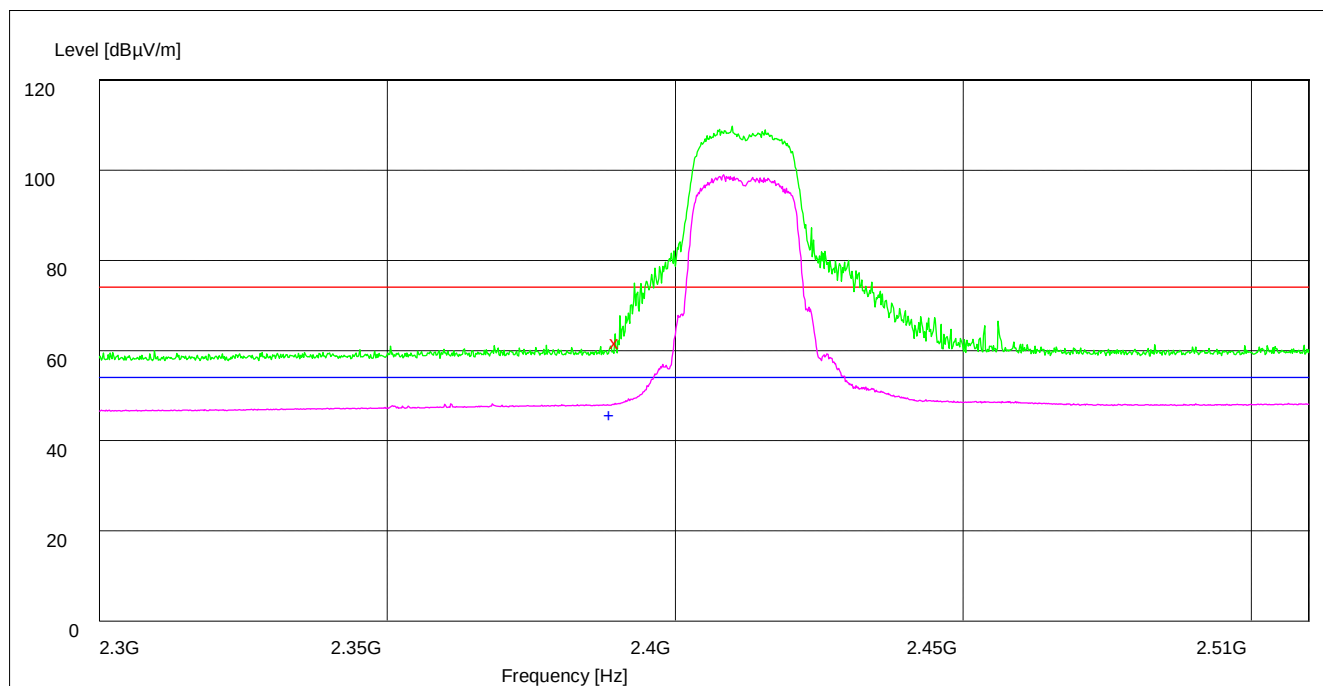
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	67.60	35.1	74.0	6.4	138.0	338.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	48.50	35.1	54.0	5.5	100.0	242.00	HORIZONTAL

Test Mode: MIMO-11N-20M

Channel 01



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

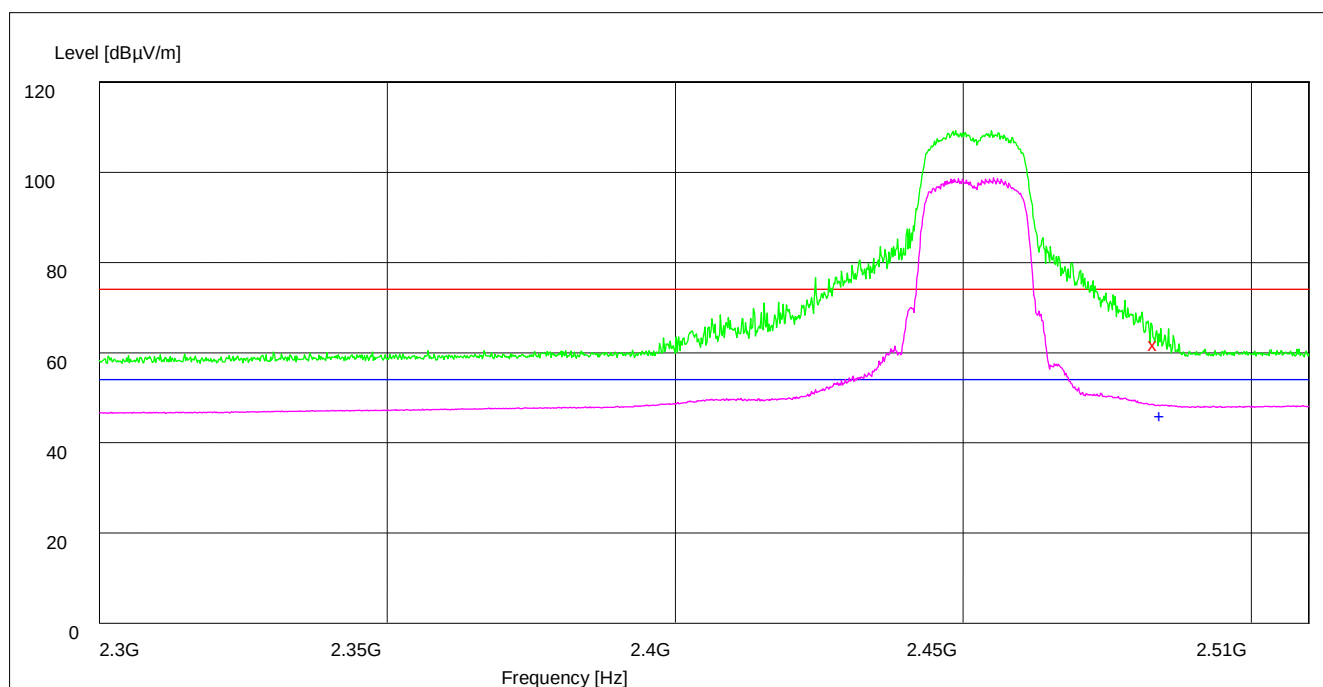
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	63.80	34.8	74.0	10.2	100.0	200.00	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	181.00	HORIZONTAL

Channel 09



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

MEASUREMENT RESULT: PK Detector

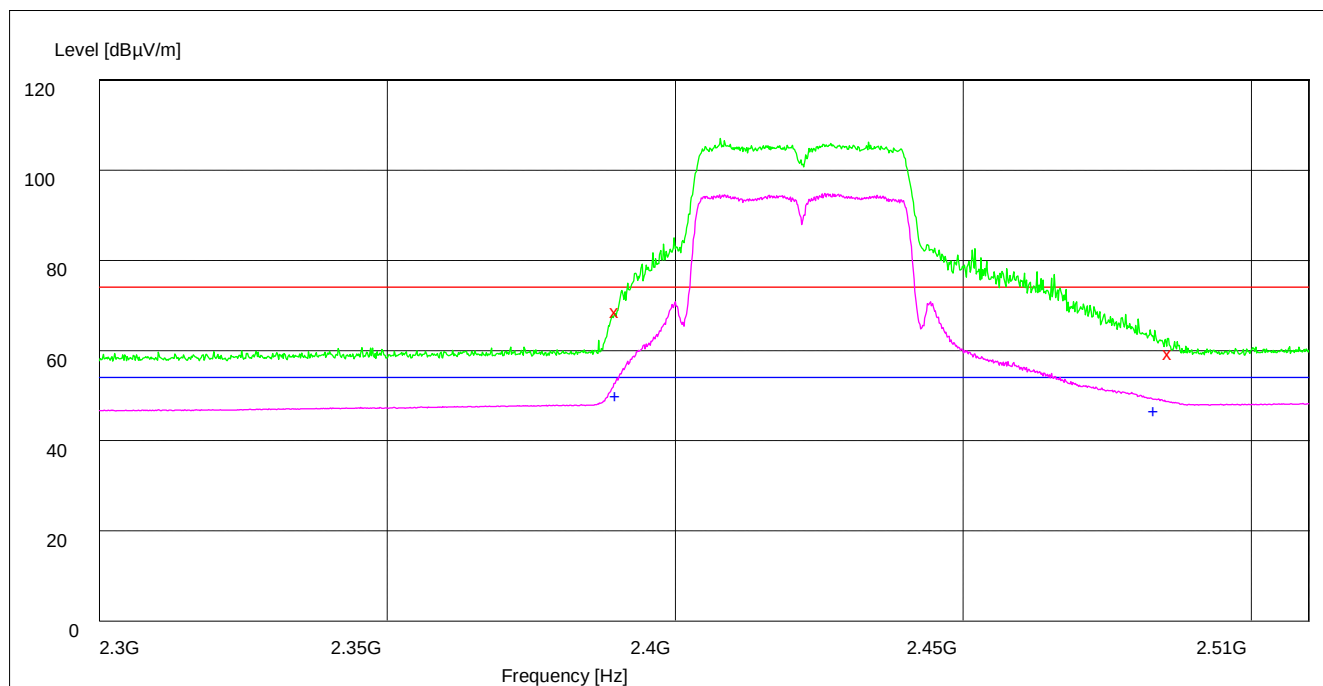
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	63.80	35.1	74.0	10.2	100.0	214.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2483.500000	47.90	35.1	54.0	6.1	100.0	205.00	HORIZONTAL

Test Mode: MIMO-11N-40M

Channel 03



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

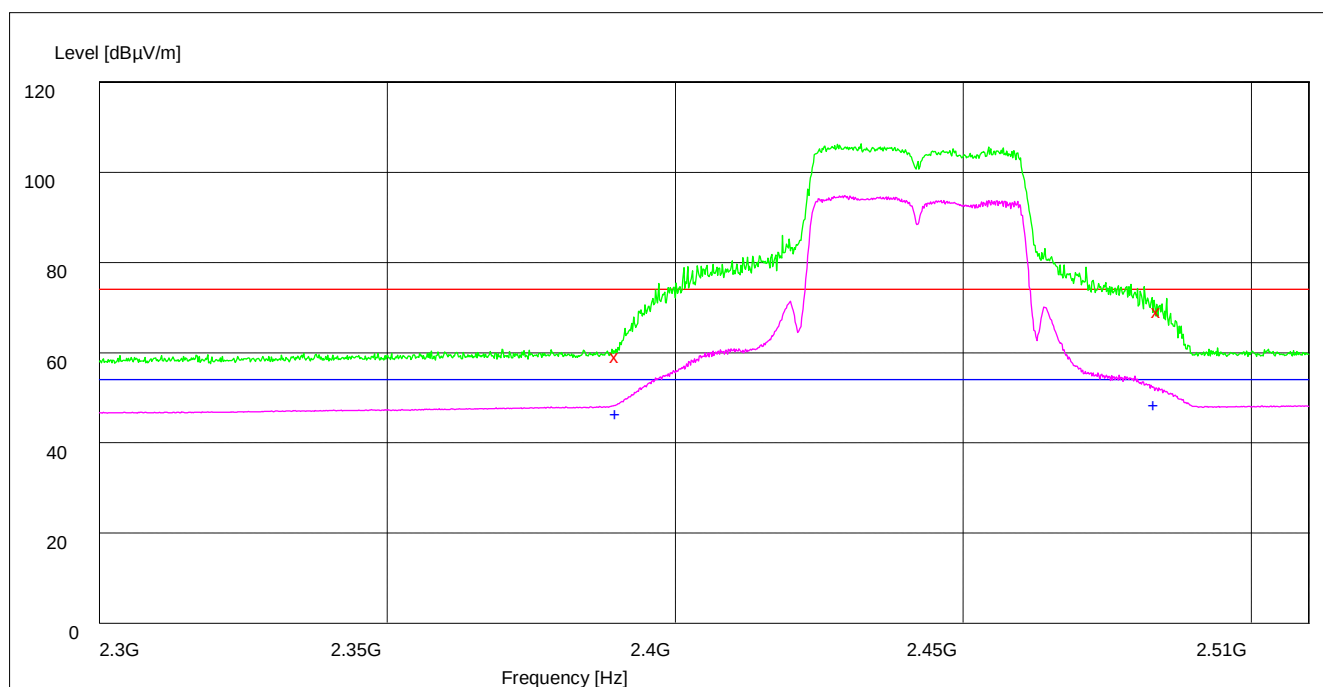
MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	70.80	34.8	74.0	4.2	100.0	179.00	HORIZONTAL
2483.500000	61.40	35.1	74.0	12.6	100.0	224.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	52.80	34.8	54.0	4.0	100.0	172.00	HORIZONTAL
2483.500000	48.60	35.1	54.0	5.4	100.0	193.00	HORIZONTAL

Channel 07



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

MEASUREMENT RESULT: PK Detector

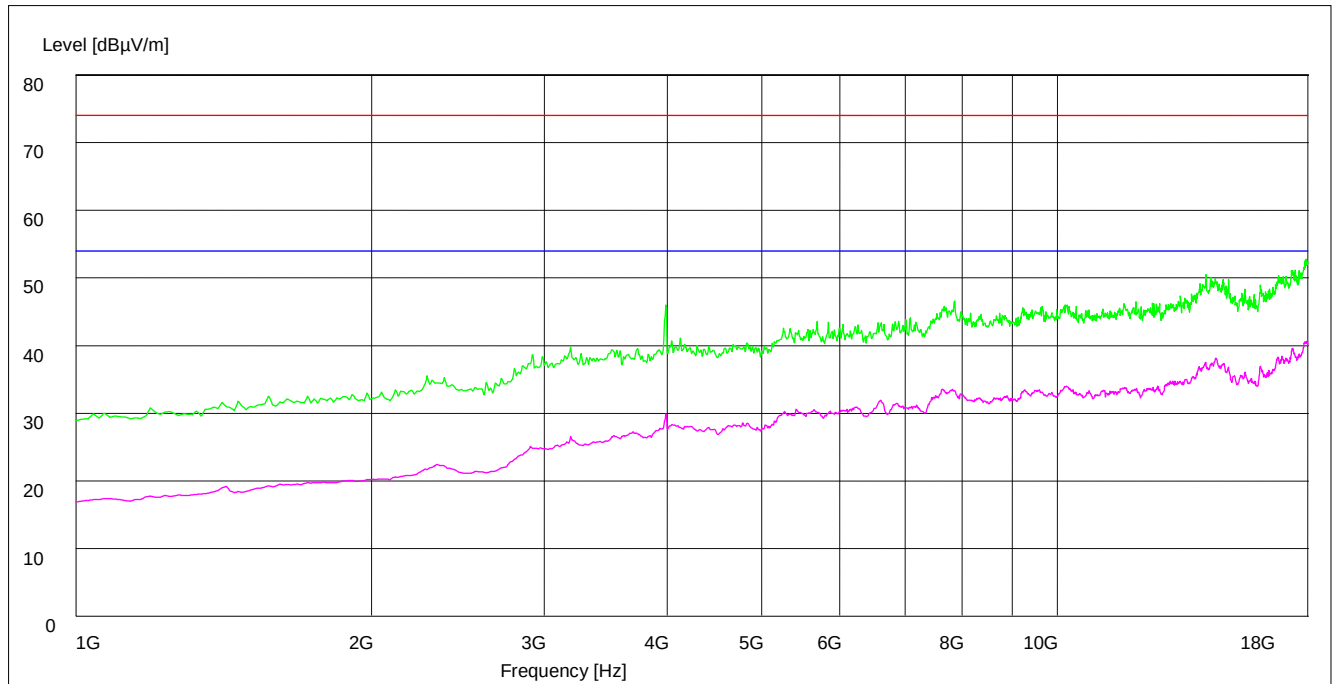
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	61.20	34.8	74.0	12.8	200.0	86.00	VERTICAL
2483.500000	71.20	35.1	74.0	4.0	100.0	200.00	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.30	34.8	54.0	5.7	100.0	177.00	HORIZONTAL
2483.500000	50.40	35.1	54.0	4.0	100.0	227.00	HORIZONTAL

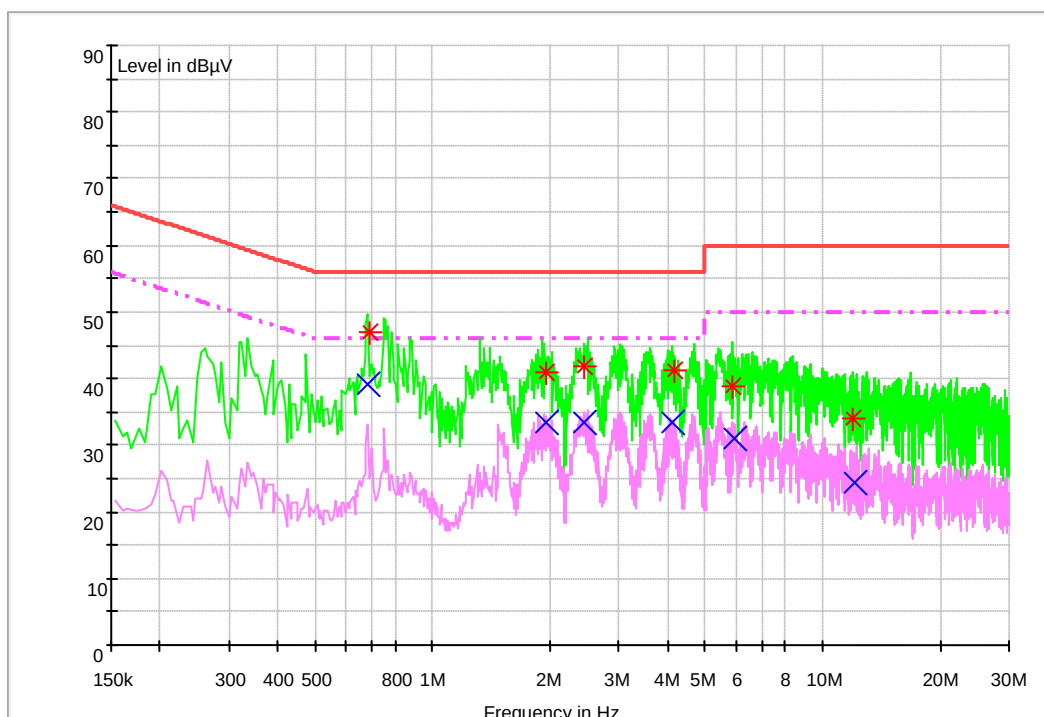
Part 5: Testing Range of “1 GHz to 18 GHz”

- 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

Channel 5



MEASUREMENT RESULT: QP Detector

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBμV	dB	dBμV	dB		
0.685976	47.0	9.7	56.0	9.0	N	FLO
1.959285	41.0	9.7	56.0	15.0	L1	FLO
2.434166	41.7	9.7	56.0	14.3	L1	FLO
4.168444	41.3	9.8	56.0	14.7	L1	FLO
5.881332	39.0	9.8	60.0	21.0	N	FLO
11.935500	33.9	10.0	60.0	26.1	L1	FLO

MEASUREMENT RESULT: AV Detector

Frequency	Level	Transd	Limit	Margin	Line	PE
MHz	dBμV	dB	dBμV	dB		
0.677764	39.1	9.7	46.0	6.9	L1	FLO
1.964336	33.4	9.7	46.0	12.6	L1	FLO
2.454312	33.5	9.7	46.0	12.5	L1	FLO
4.107397	33.4	9.8	46.0	12.6	L1	FLO
5.923275	31.1	9.8	50.0	18.9	N	FLO
12.050302	24.3	10.0	50.0	25.7	L1	FLO

END