



Appendix for Test report

Appendix A: DTS (6 dB) Bandwidth

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

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

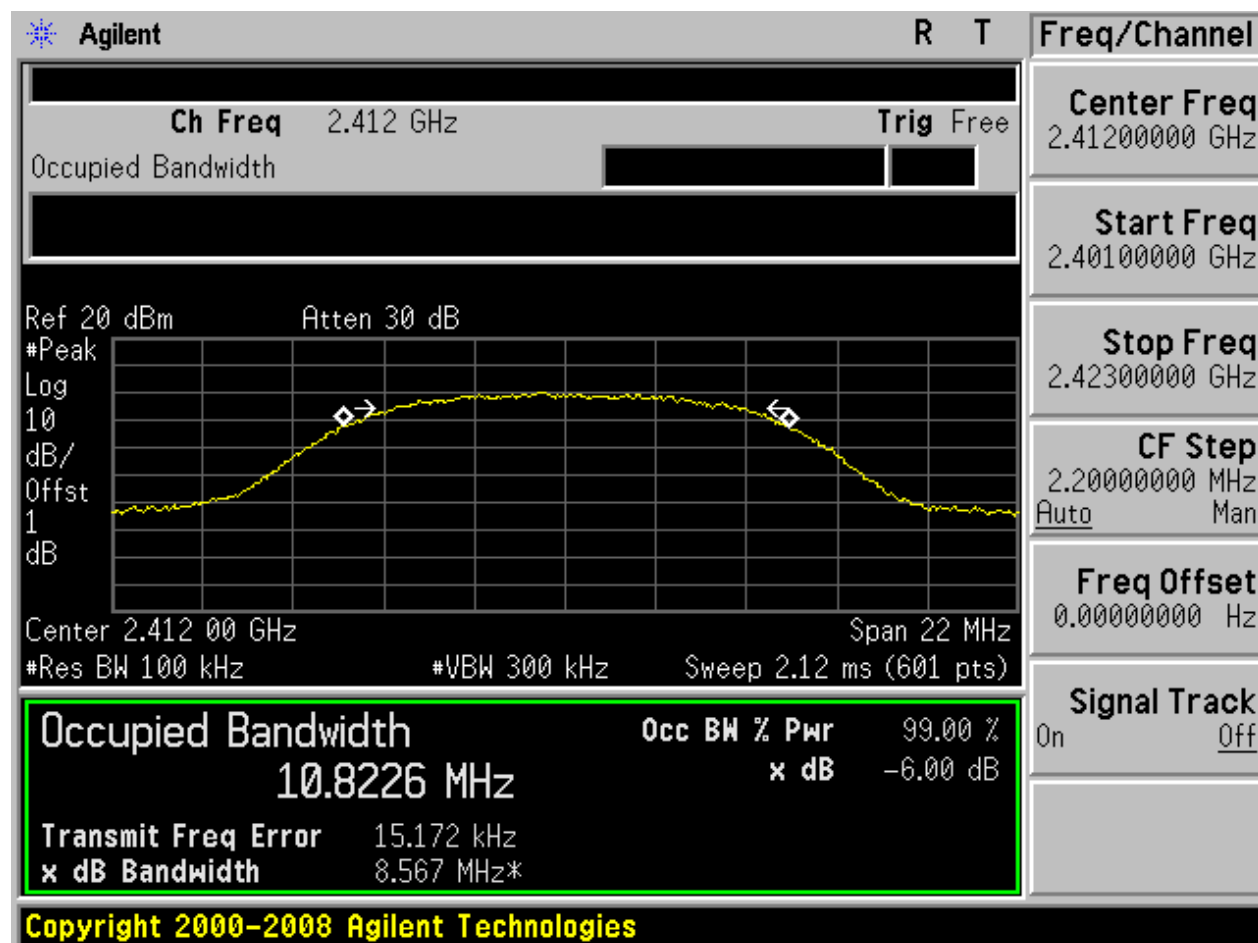
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11B	L	2412	Ant 1	8.57	pass
11B	L	2412	Ant 2	8.57	pass
11B	M	2437	Ant 1	8.05	pass
11B	M	2437	Ant 2	8.18	pass
11B	H	2462	Ant 1	8.06	pass
11B	H	2462	Ant 2	8.11	pass
11G	L	2412	Ant 1	16.36	pass
11G	L	2412	Ant 2	16.42	pass
11G	M	2437	Ant 1	16.40	pass
11G	M	2437	Ant 2	16.42	pass
11G	H	2462	Ant 1	16.41	pass
11G	H	2462	Ant 2	16.35	pass
11N20	L	2412	Ant 1	16.98	pass
11N20	L	2412	Ant 2	17.27	pass
11N20	M	2437	Ant 1	16.63	pass
11N20	M	2437	Ant 2	16.05	pass
11N20	H	2462	Ant 1	15.78	pass
11N20	H	2462	Ant 2	15.41	pass
11N20m	L	2412	Ant 1	15.35	pass
11N20m	L	2412	Ant 2	15.18	pass
11N20m	M	2437	Ant 1	16.33	pass
11N20m	M	2437	Ant 2	16.37	pass
11N20m	H	2462	Ant 1	16.07	pass
11N20m	H	2462	Ant 2	16.66	pass
11N40	L	2422	Ant 1	36.42	pass
11N40	L	2422	Ant 2	36.46	pass
11N40	M	2437	Ant 1	36.43	pass
11N40	M	2437	Ant 2	36.42	pass

Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11N40	H	2452	Ant 1	36.49	pass
11N40	H	2452	Ant 2	36.48	pass
11N40m	L	2422	Ant 1	36.46	pass
11N40m	L	2422	Ant 2	36.35	pass
11N40m	M	2437	Ant 1	36.41	pass
11N40m	M	2437	Ant 2	36.35	pass
11N40m	H	2452	Ant 1	36.47	pass
11N40m	H	2452	Ant 2	35.97	pass

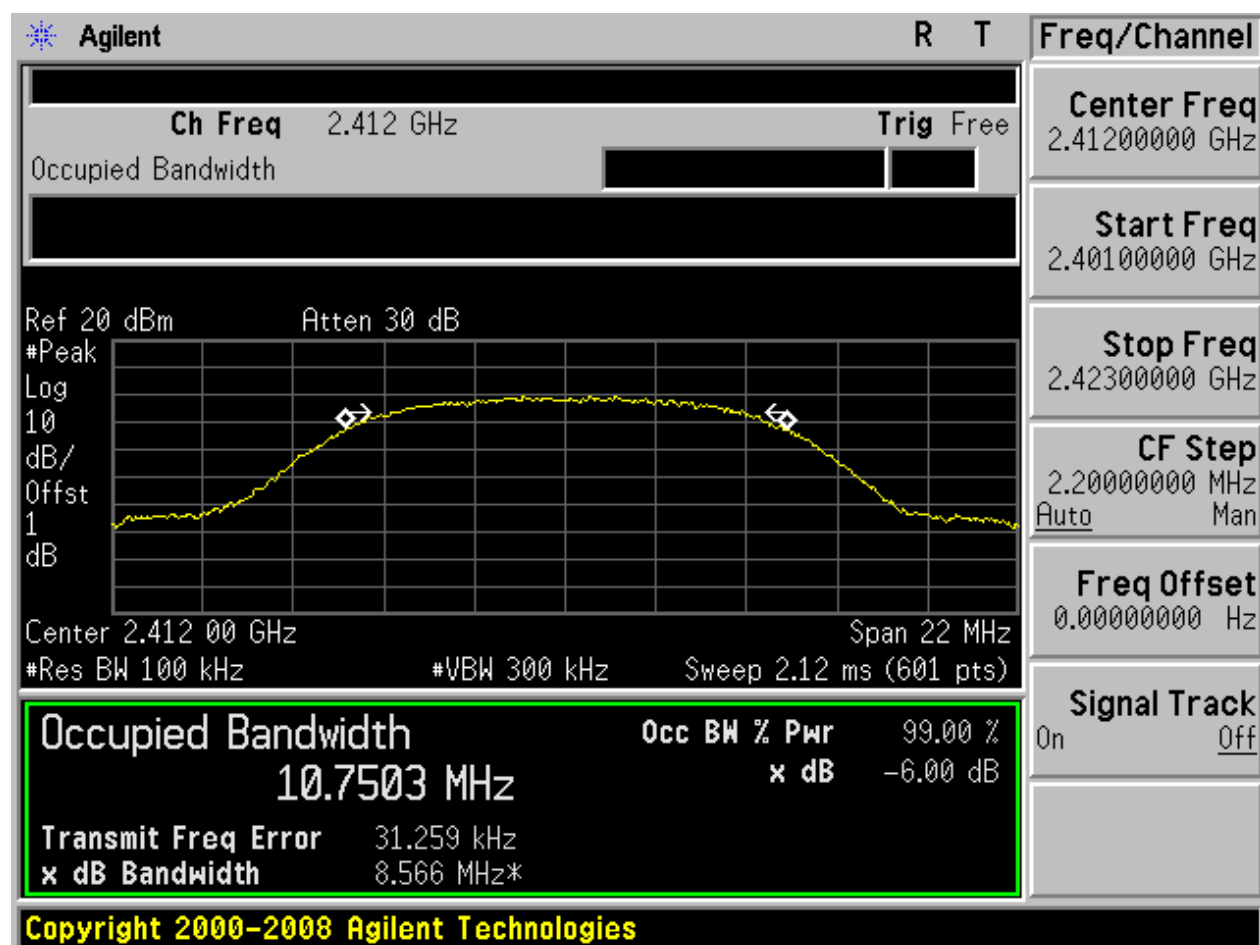
Part II - Test Plots

2.1 11B_L@Ant 1



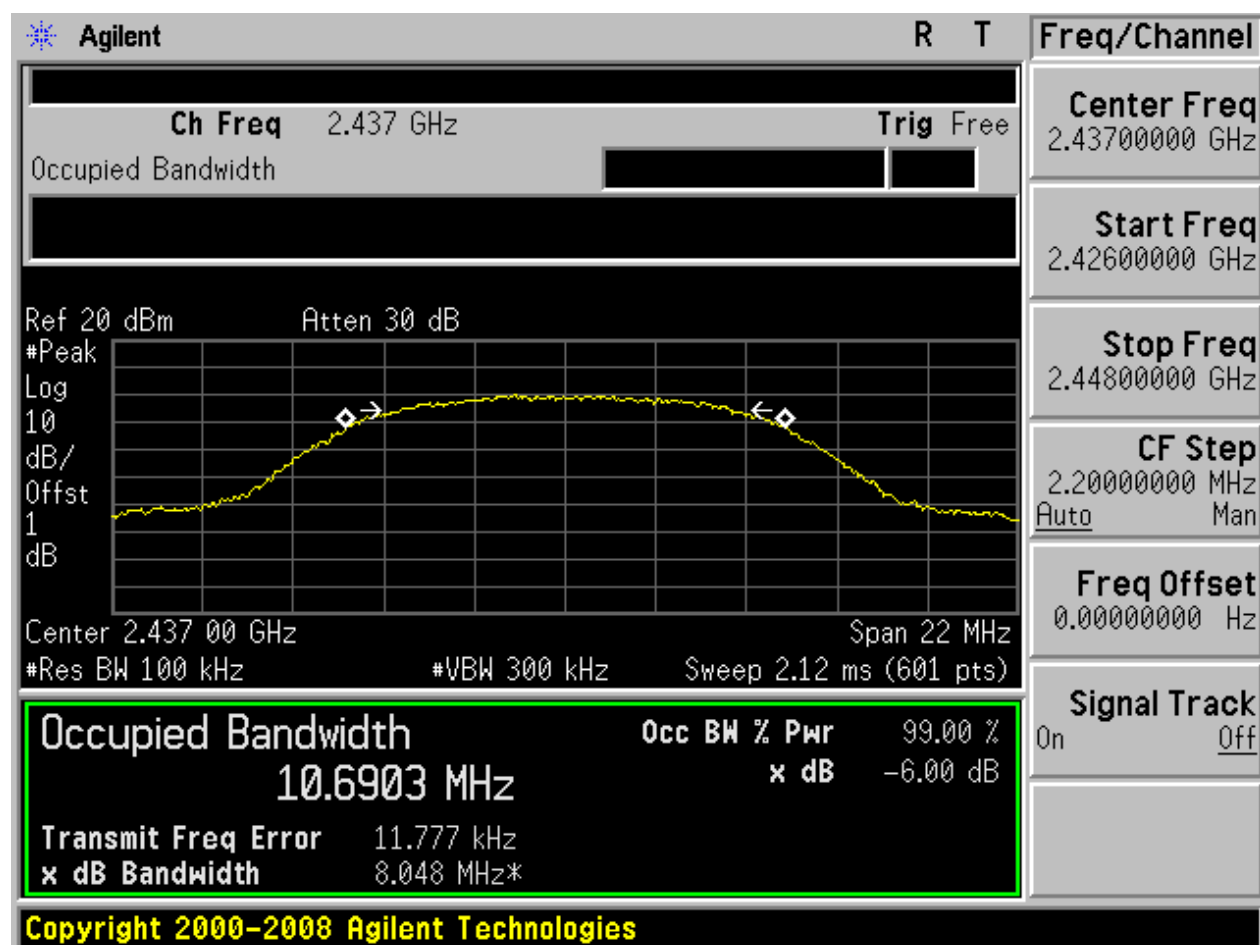


2.2 11B_L@Ant 2

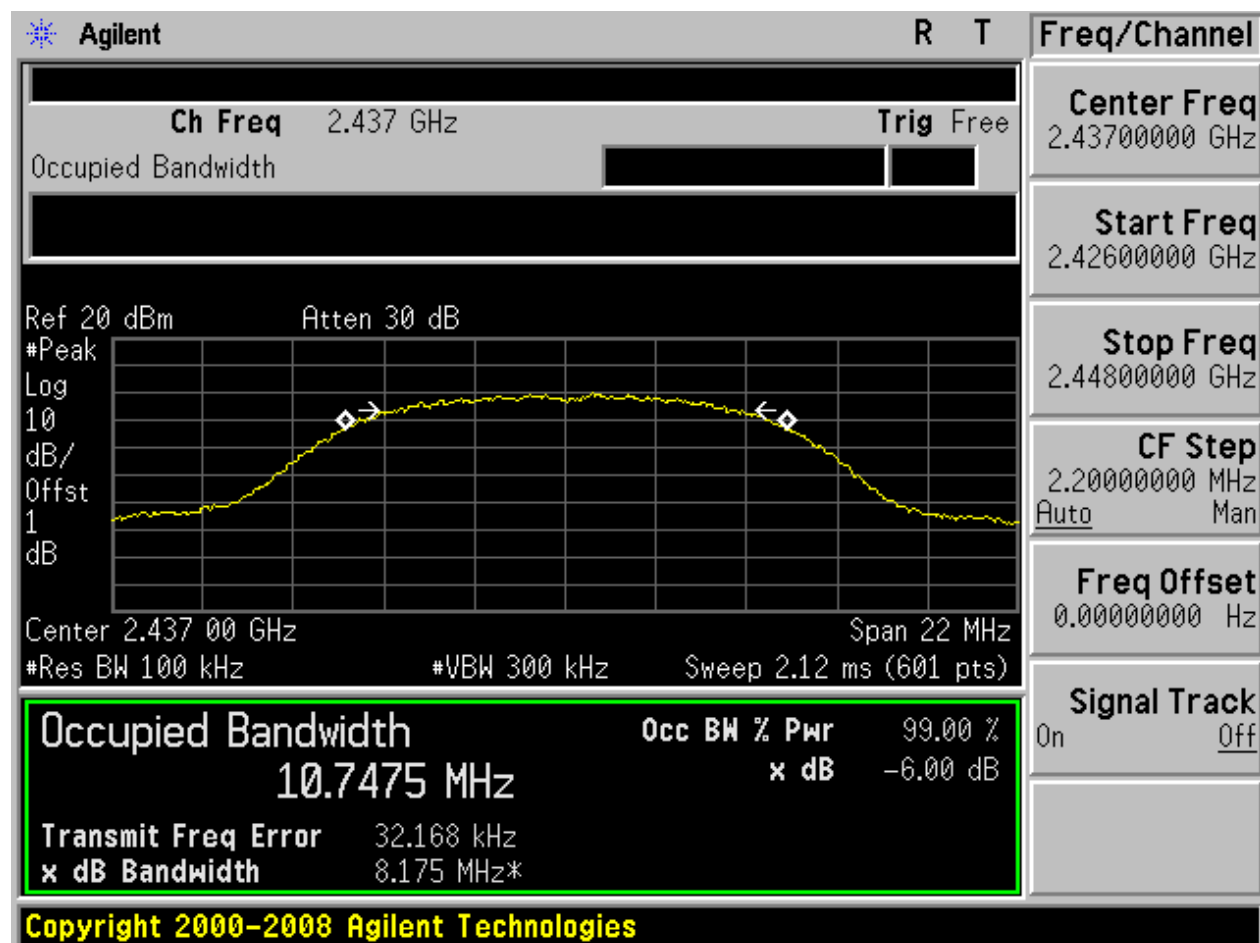




2.3 11B_M@Ant 1

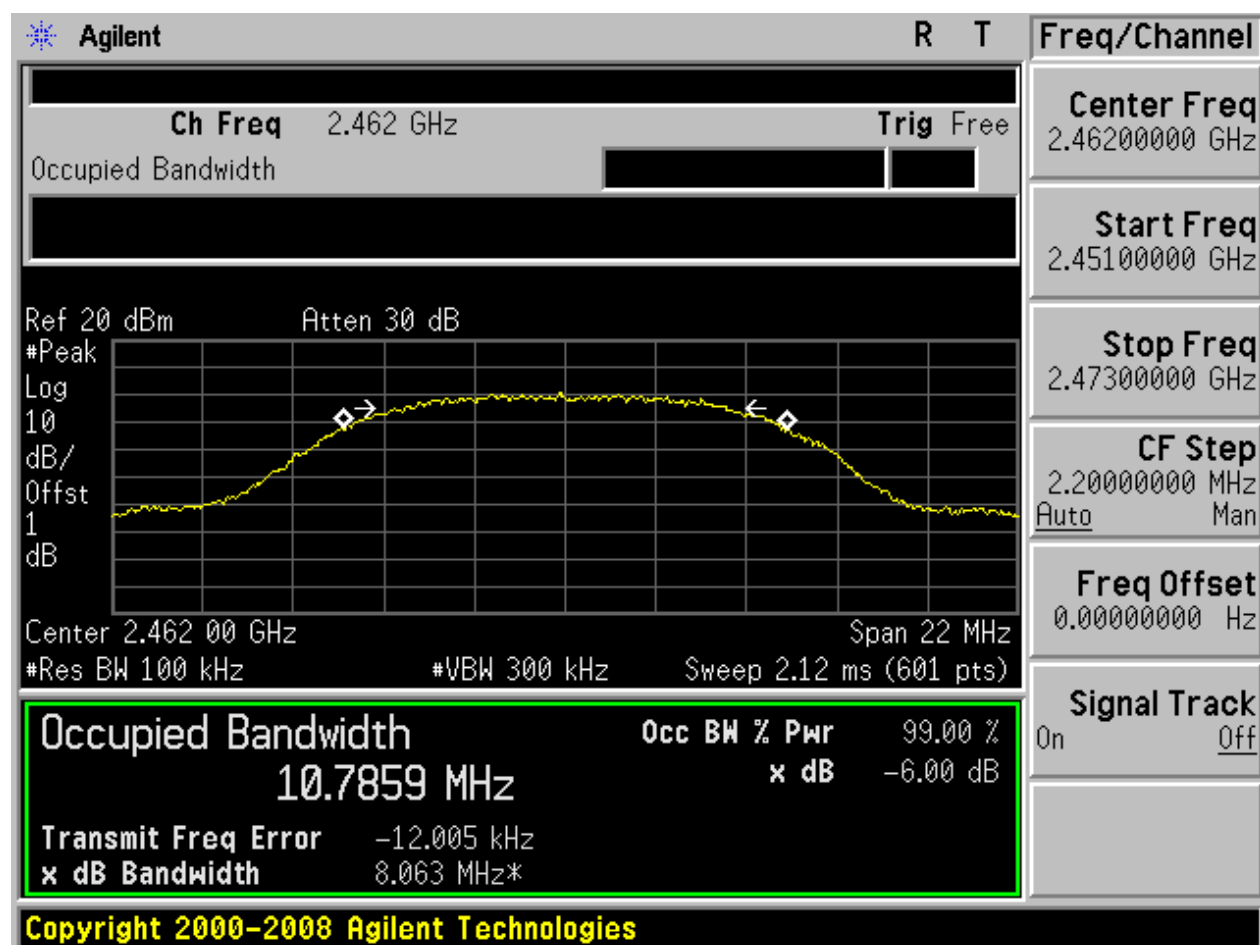


2.4 11B_M@Ant 2

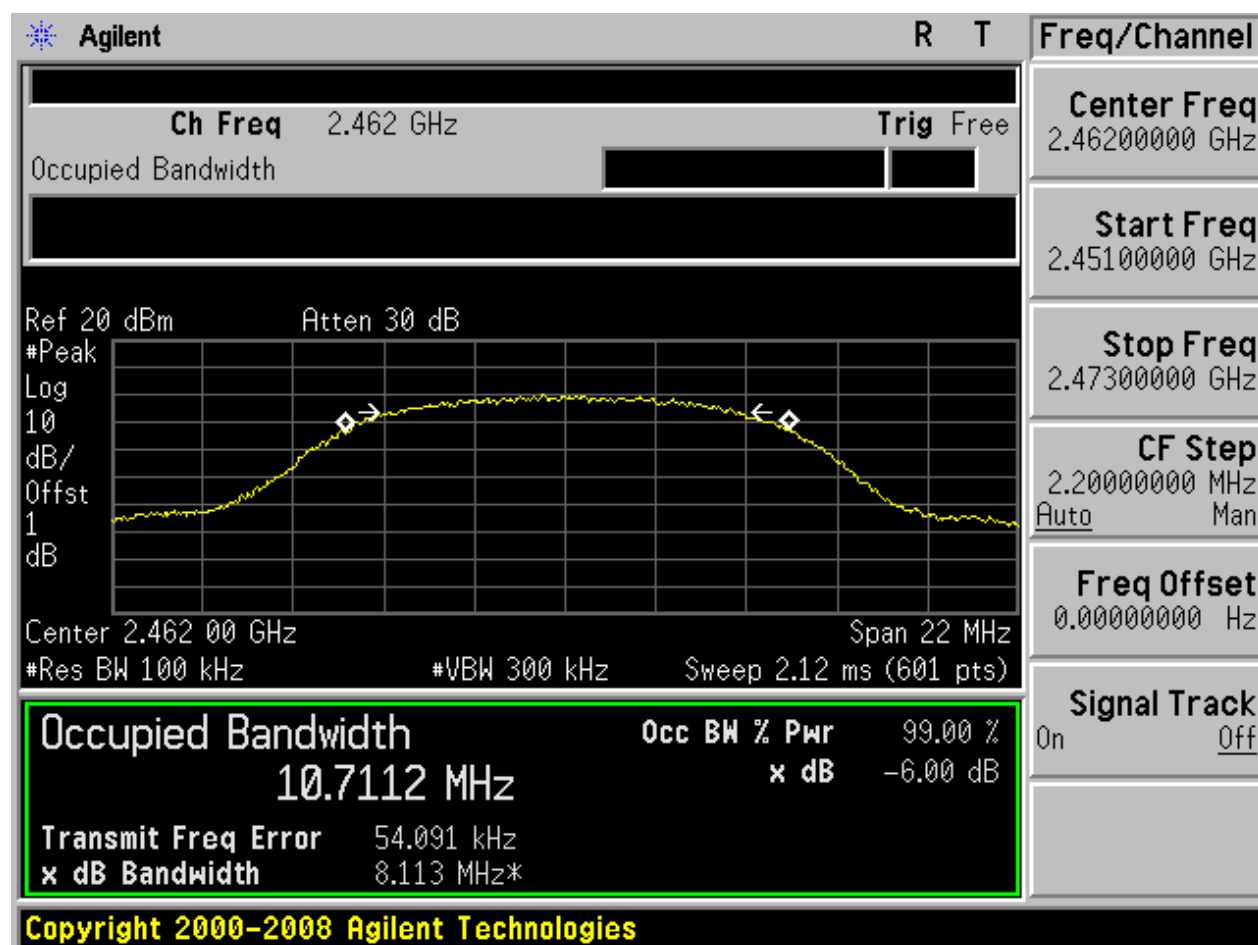




2.5 11B_H@Ant 1

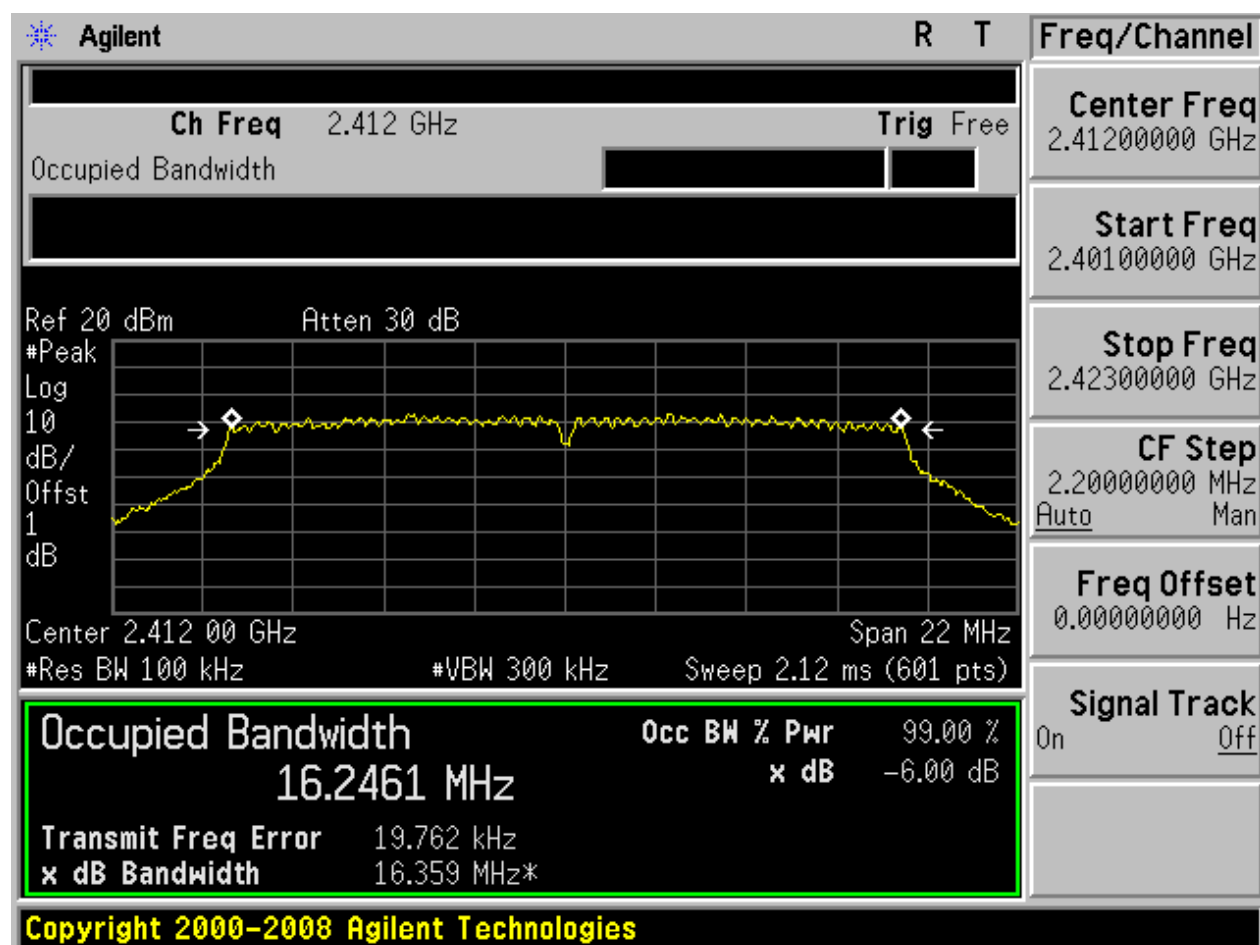


2.6 11B_H@Ant 2

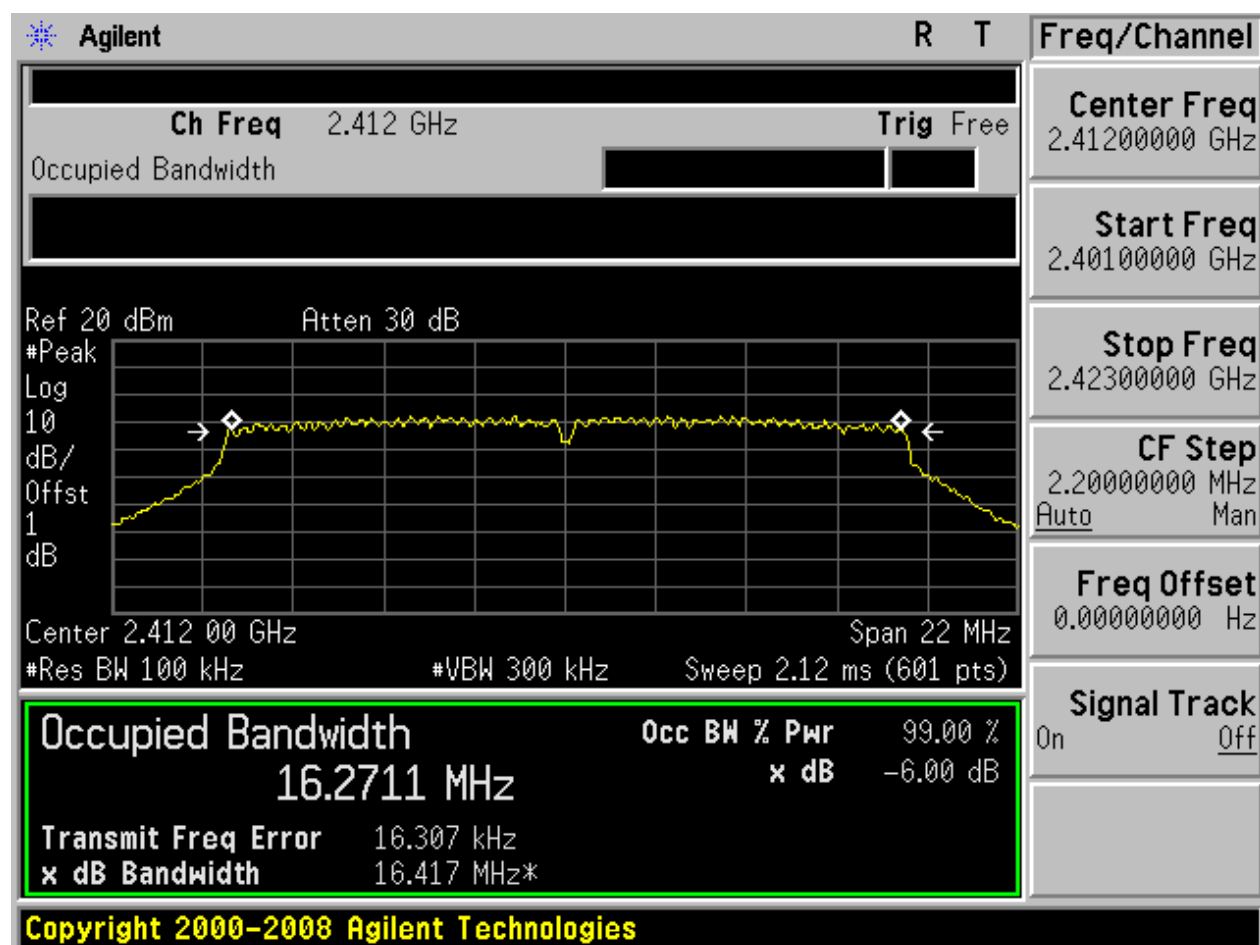




2.7 11G_L@Ant 1

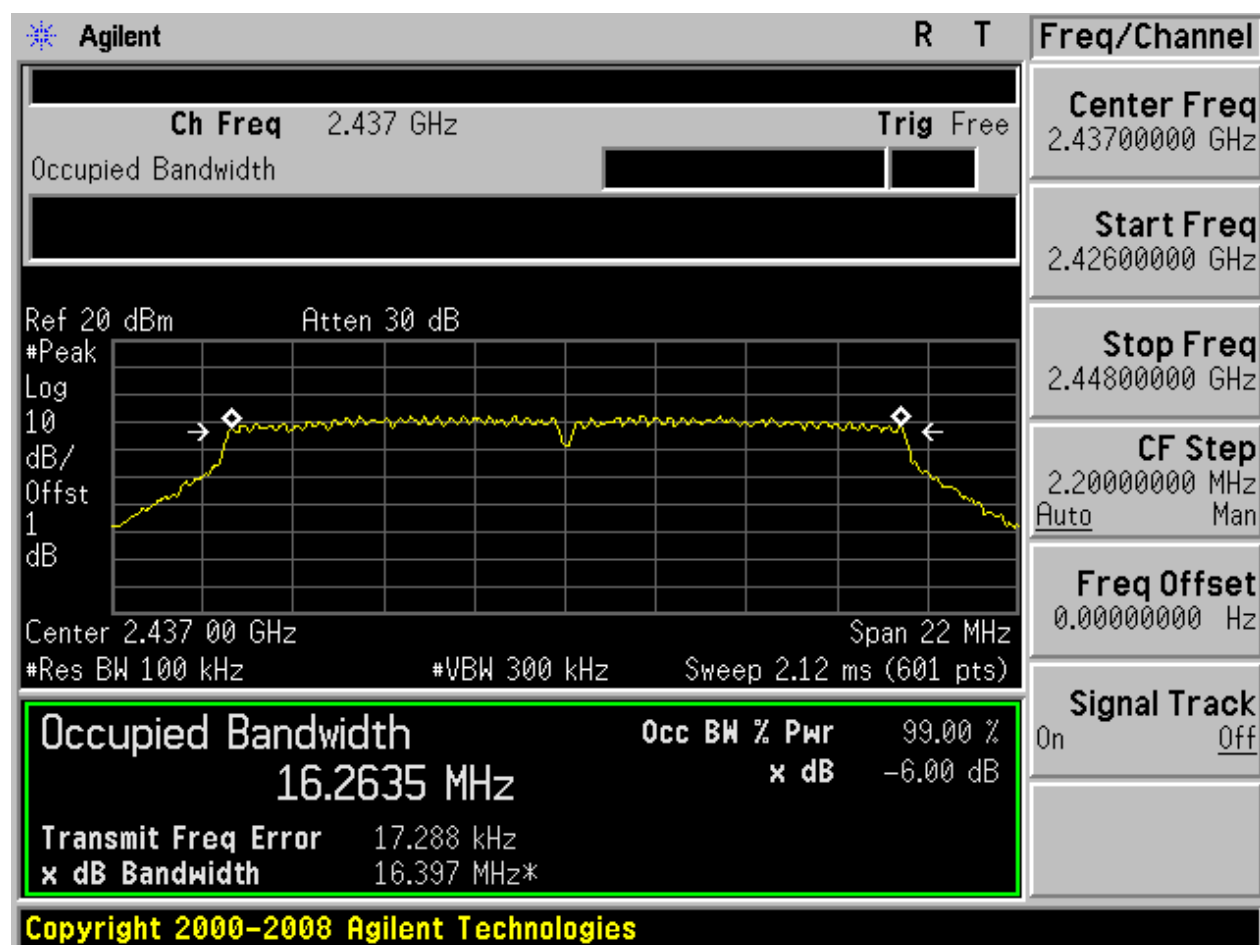


2.8 11G_L@Ant 2

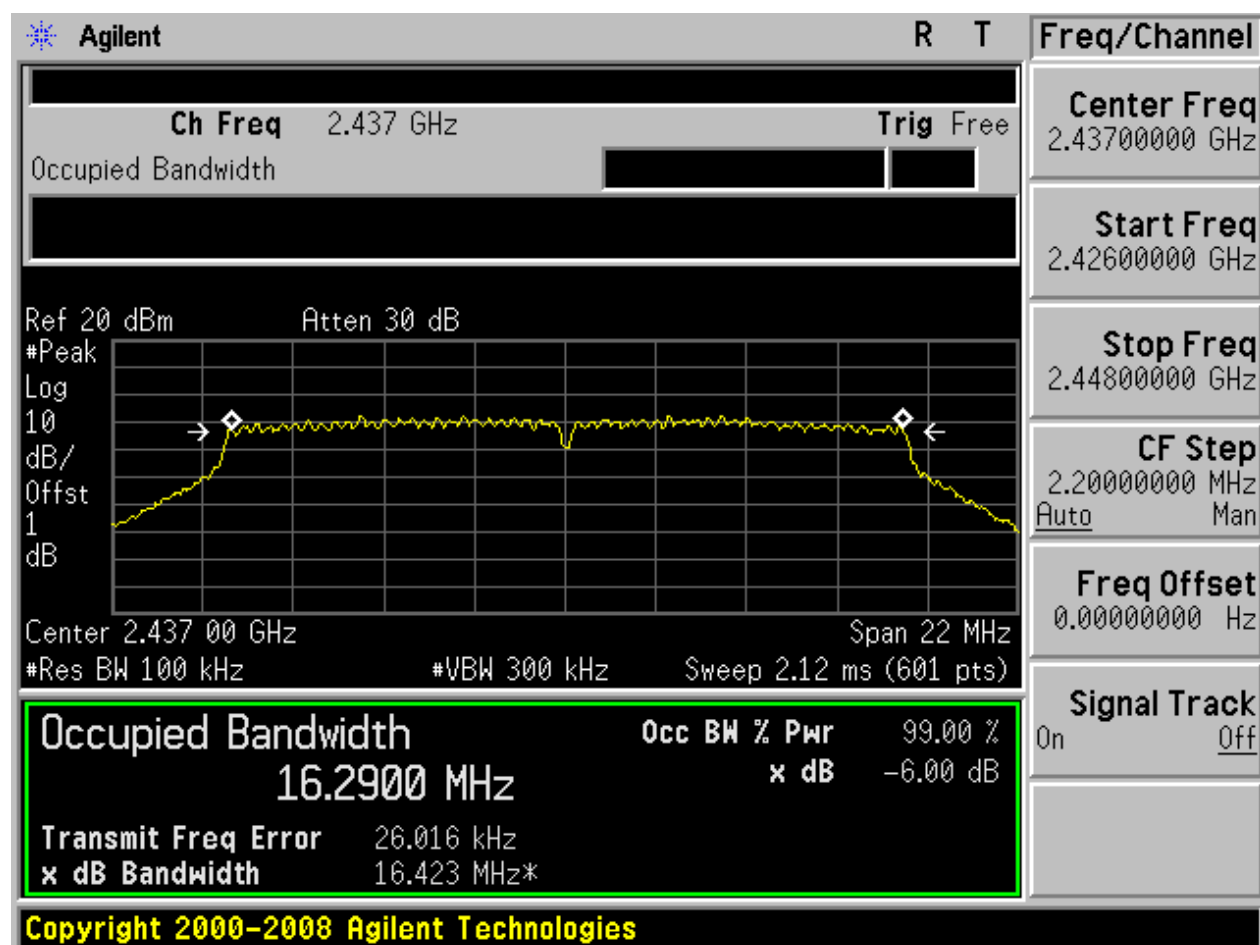




2.9 11G_M@Ant 1

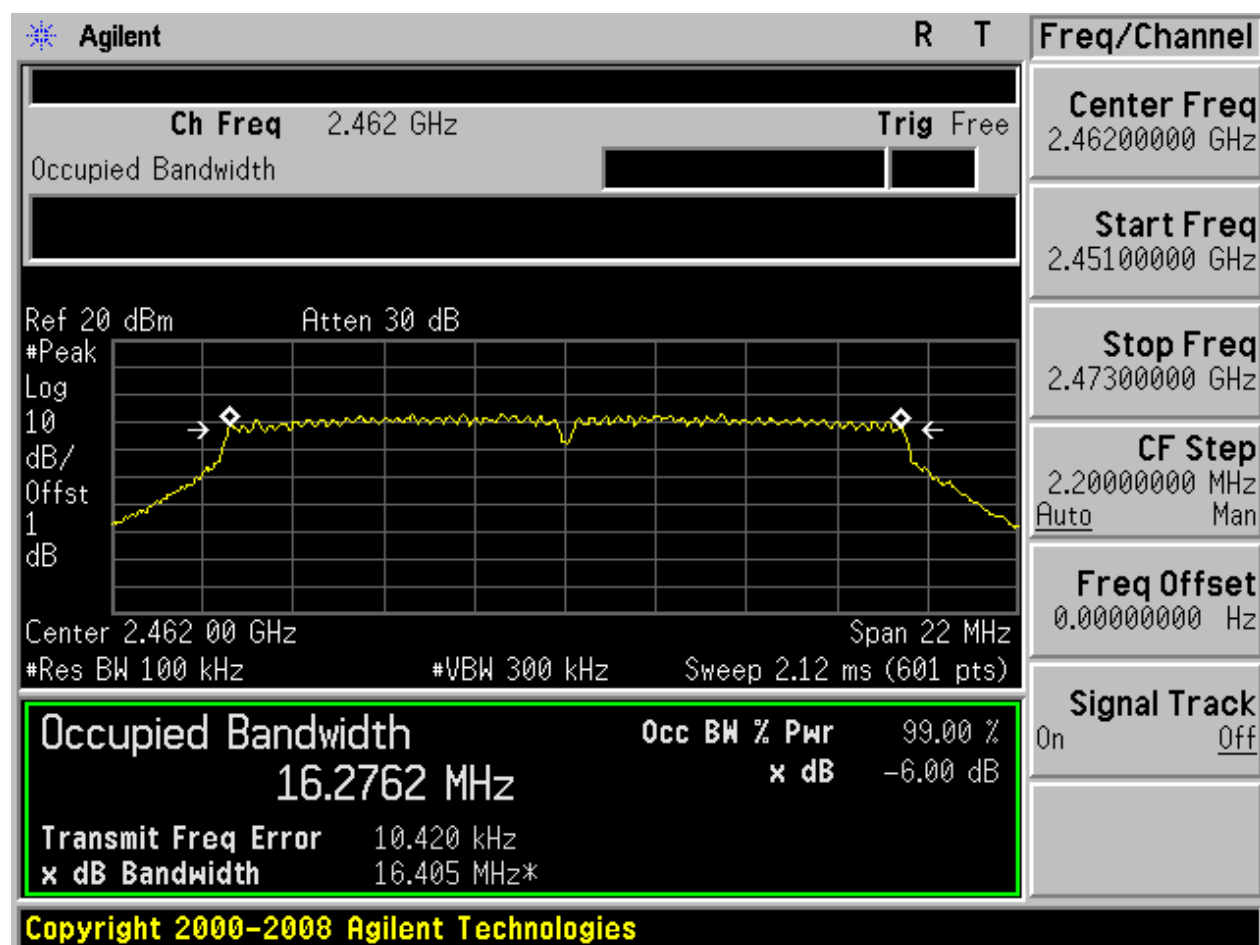


2.10 11G_M@Ant 2



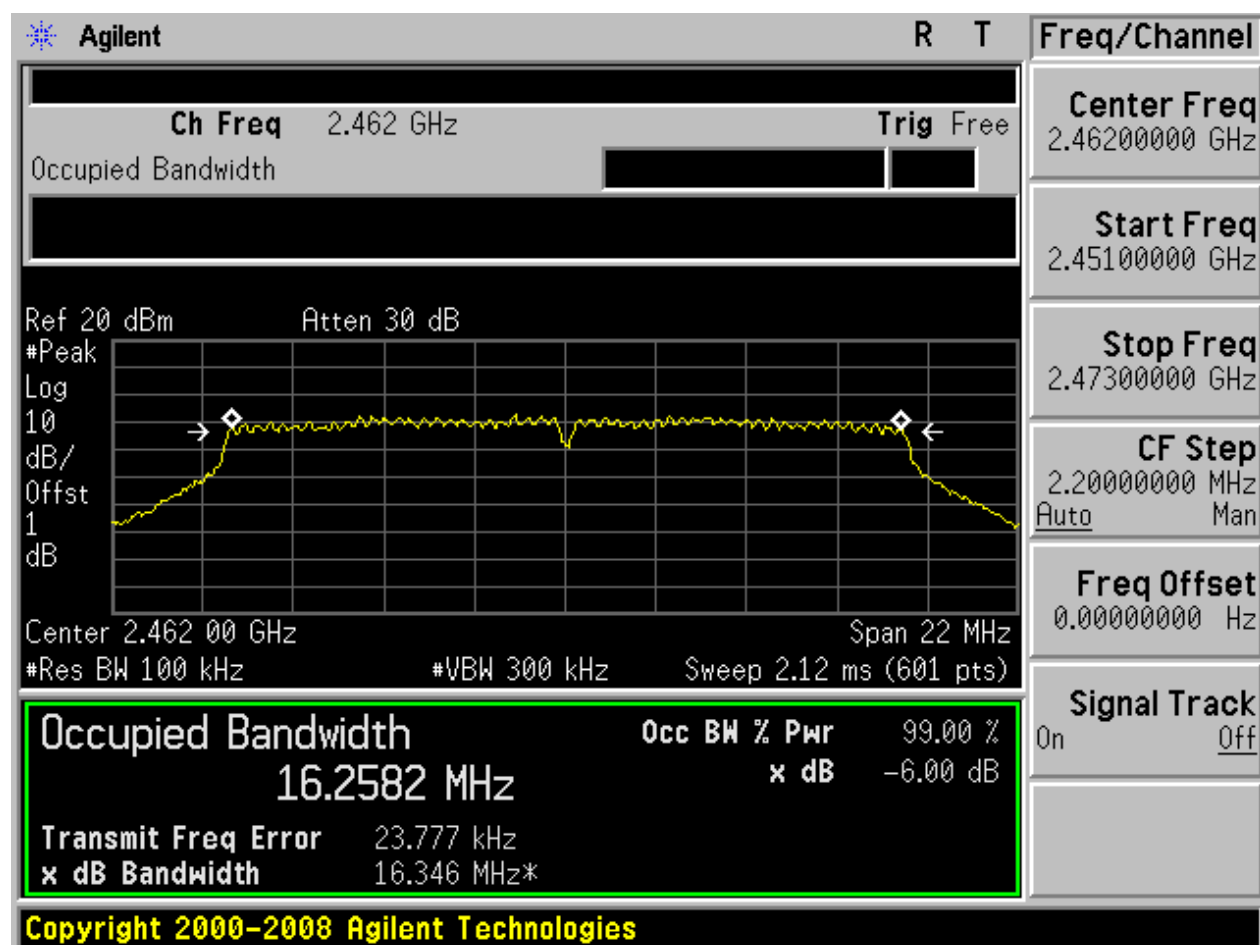


2.11 11G_H@Ant 1



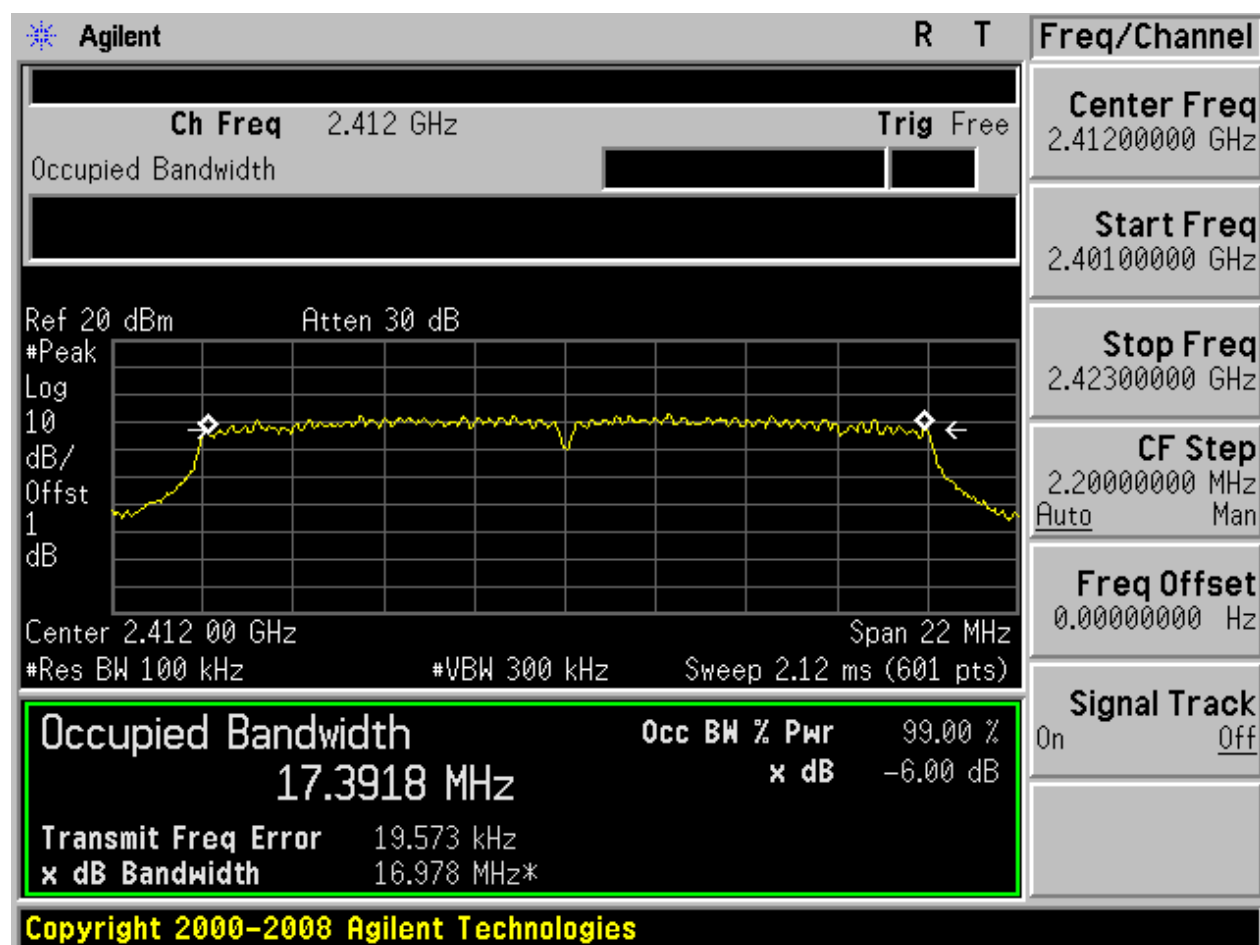


2.12 11G_H@Ant 2

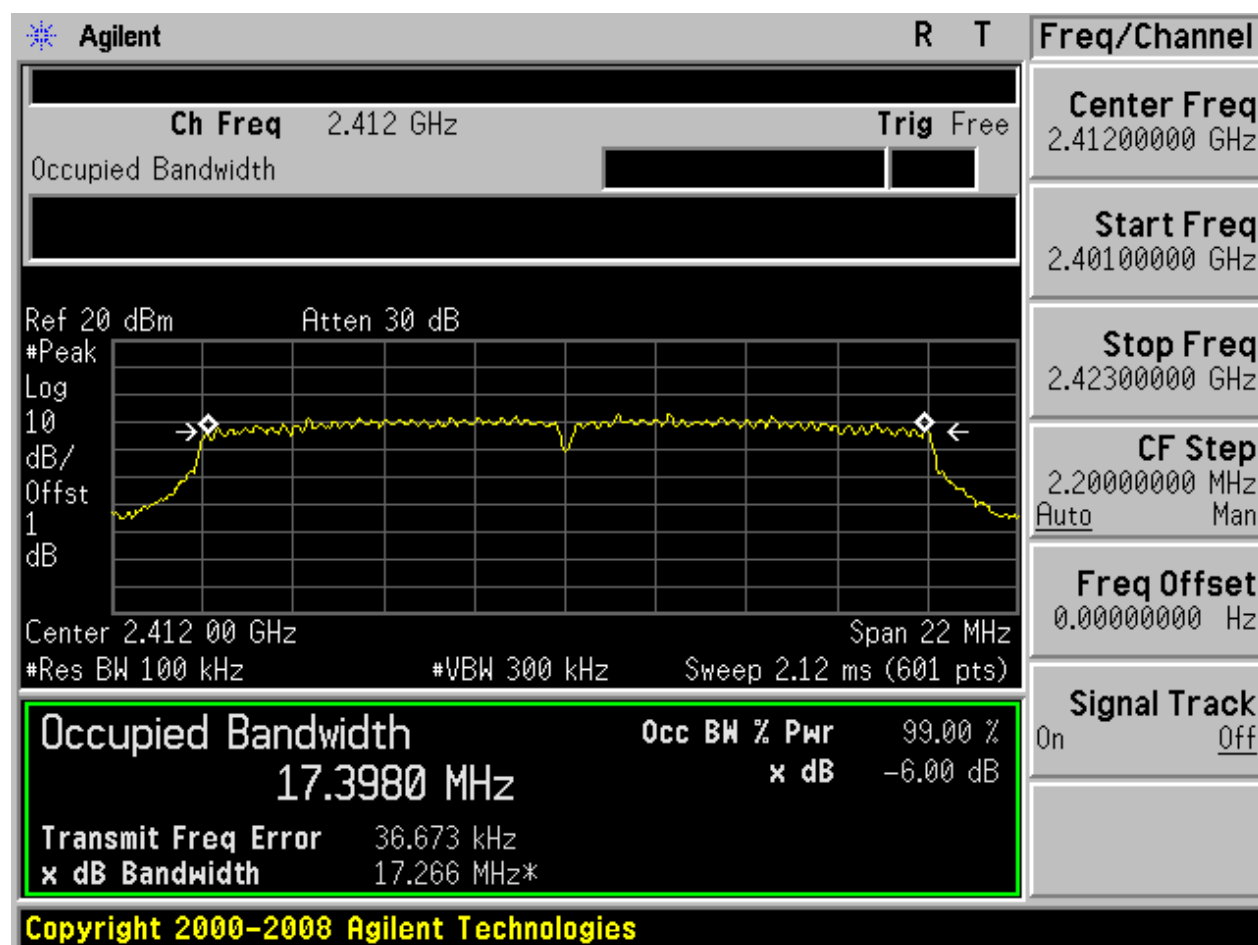




2.13 11N20_L@Ant 1

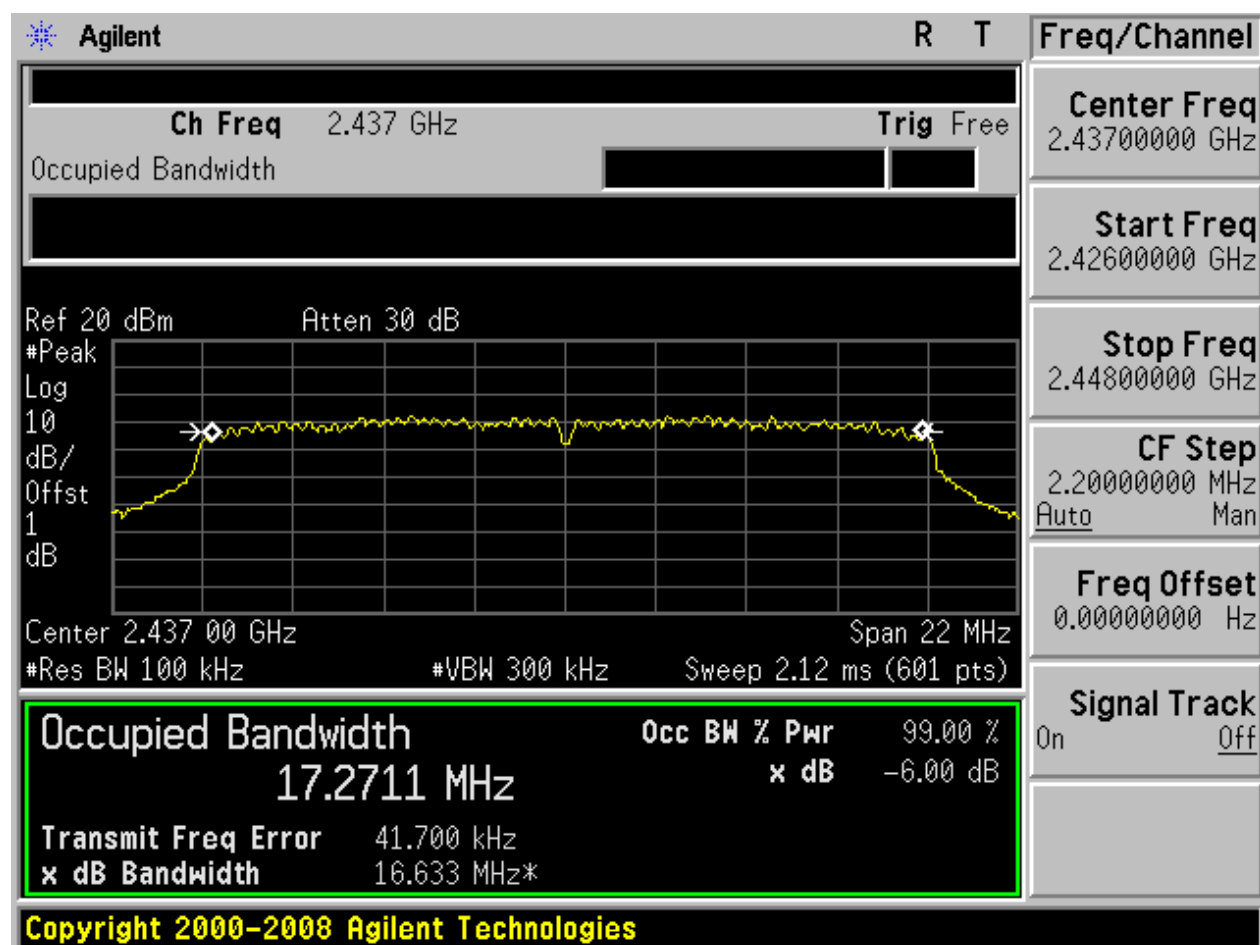


2.14 11N20_L@Ant 2



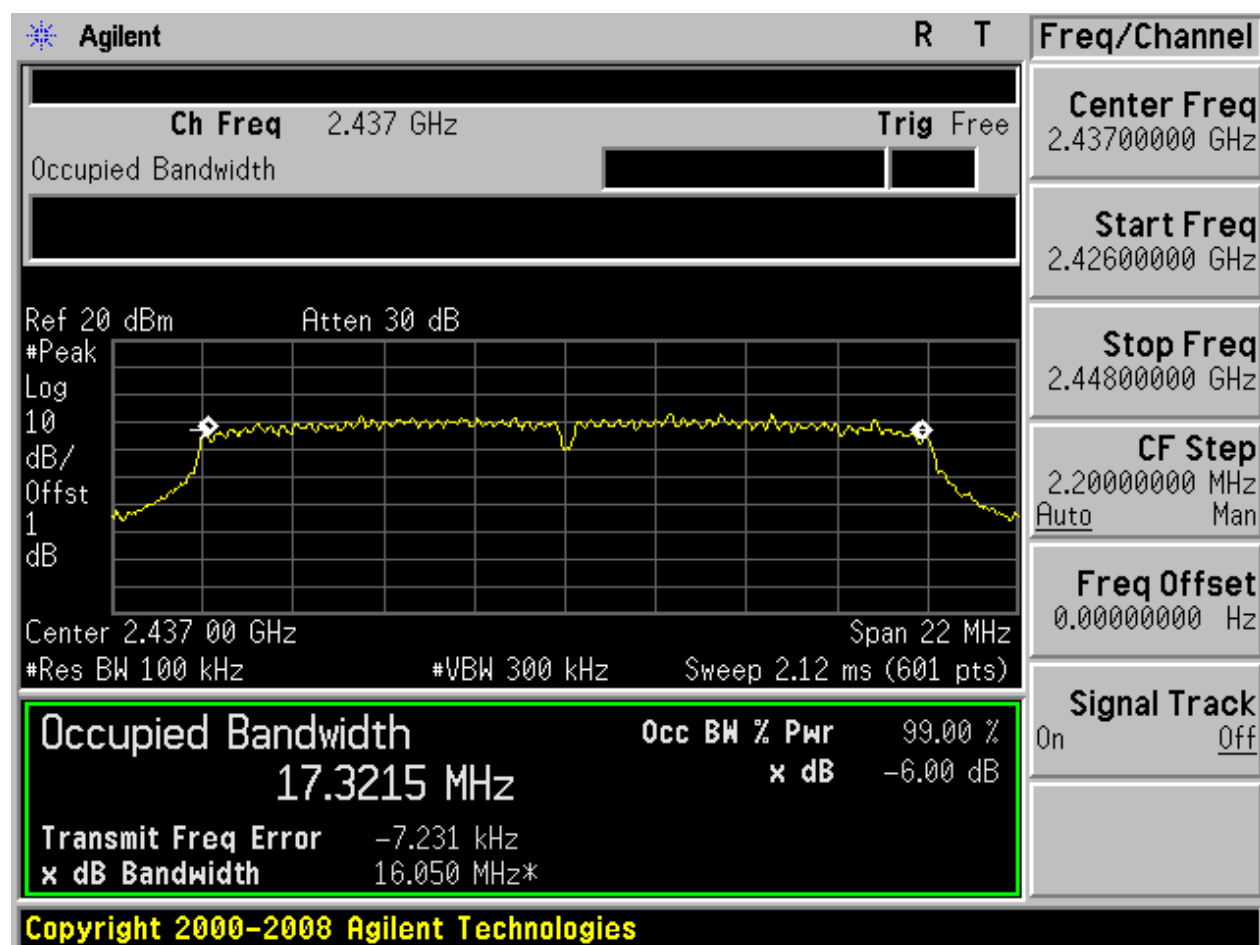


2.15 11N20_M@Ant 1



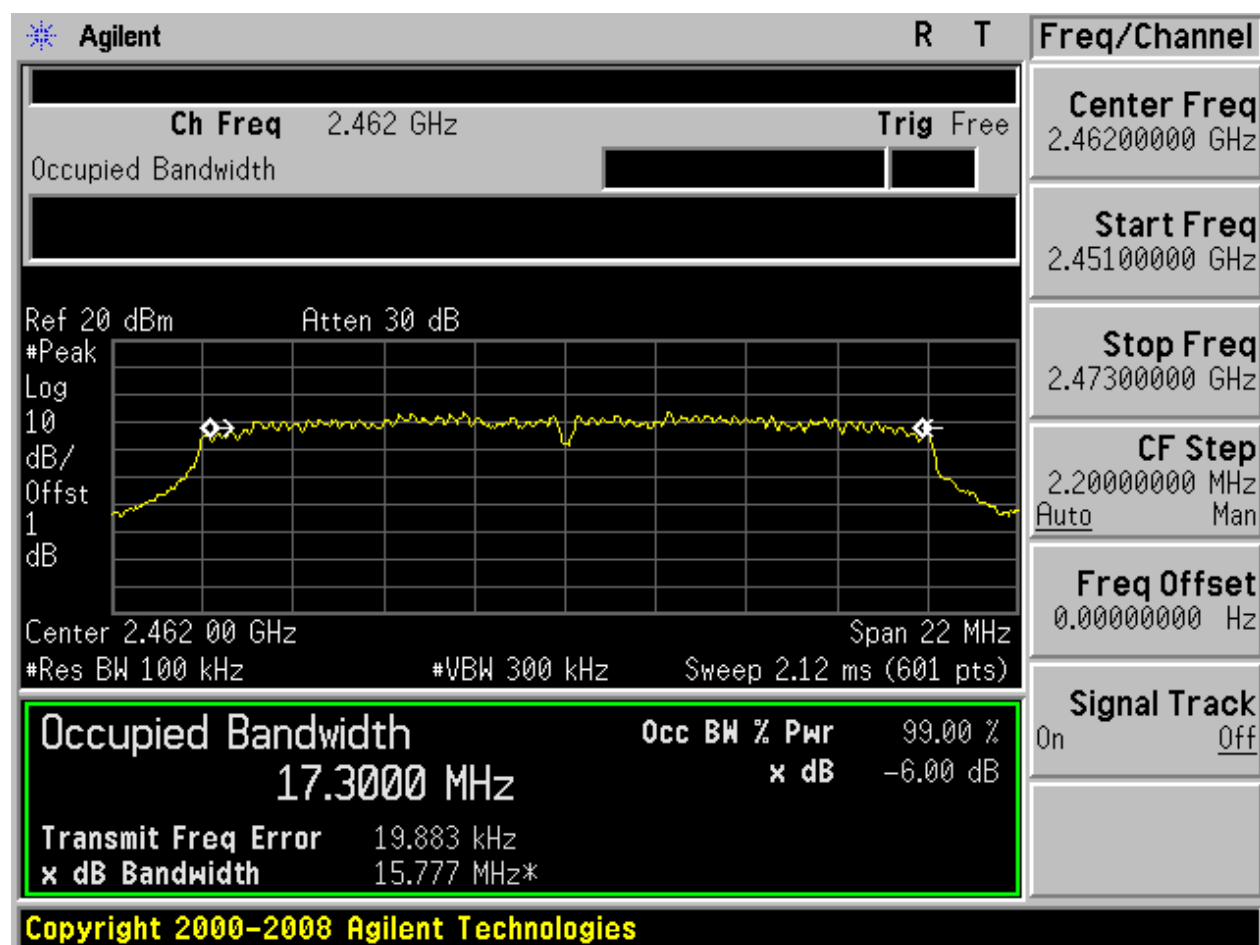


2.16 11N20_M@Ant 2



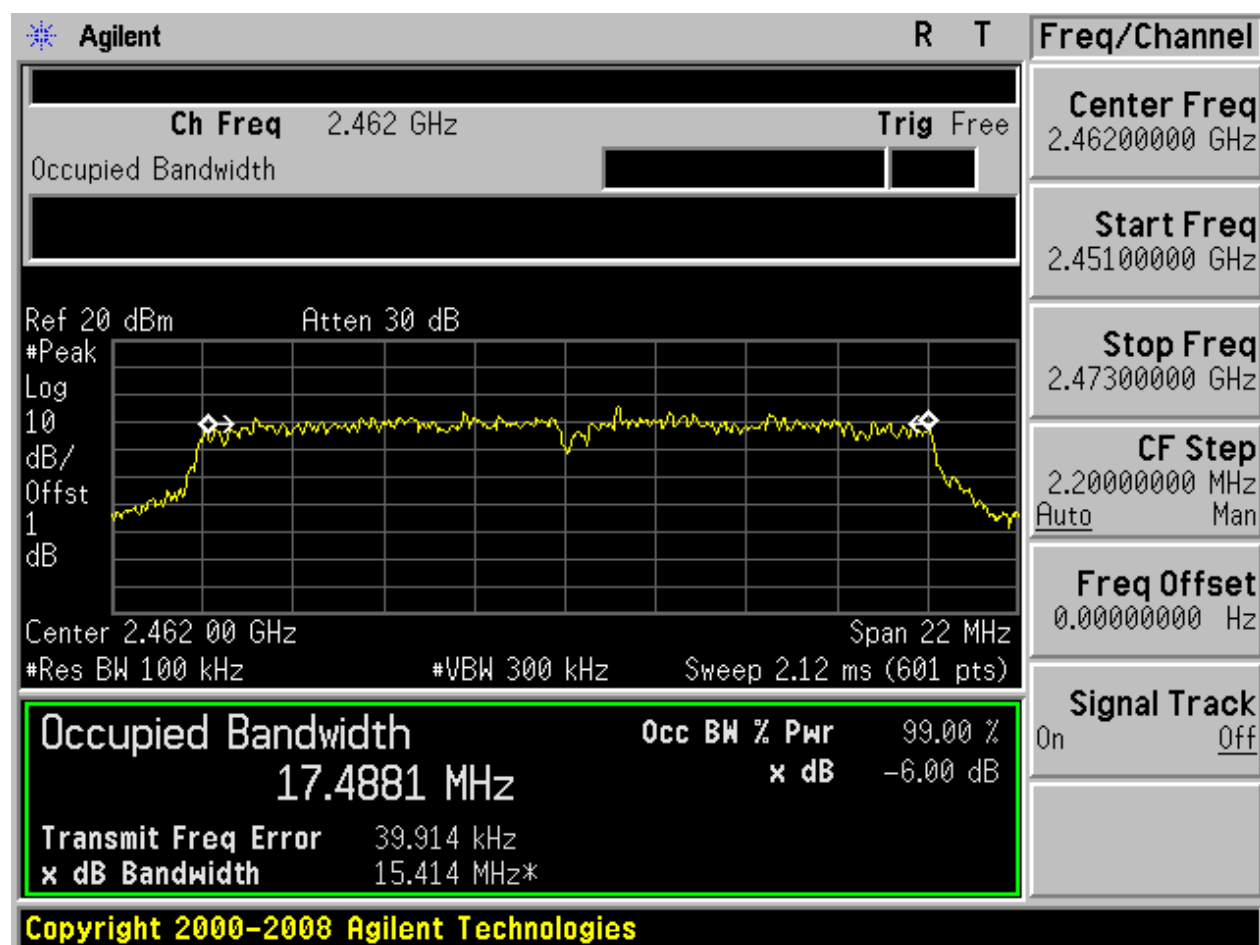


2.17 11N20_H@Ant 1



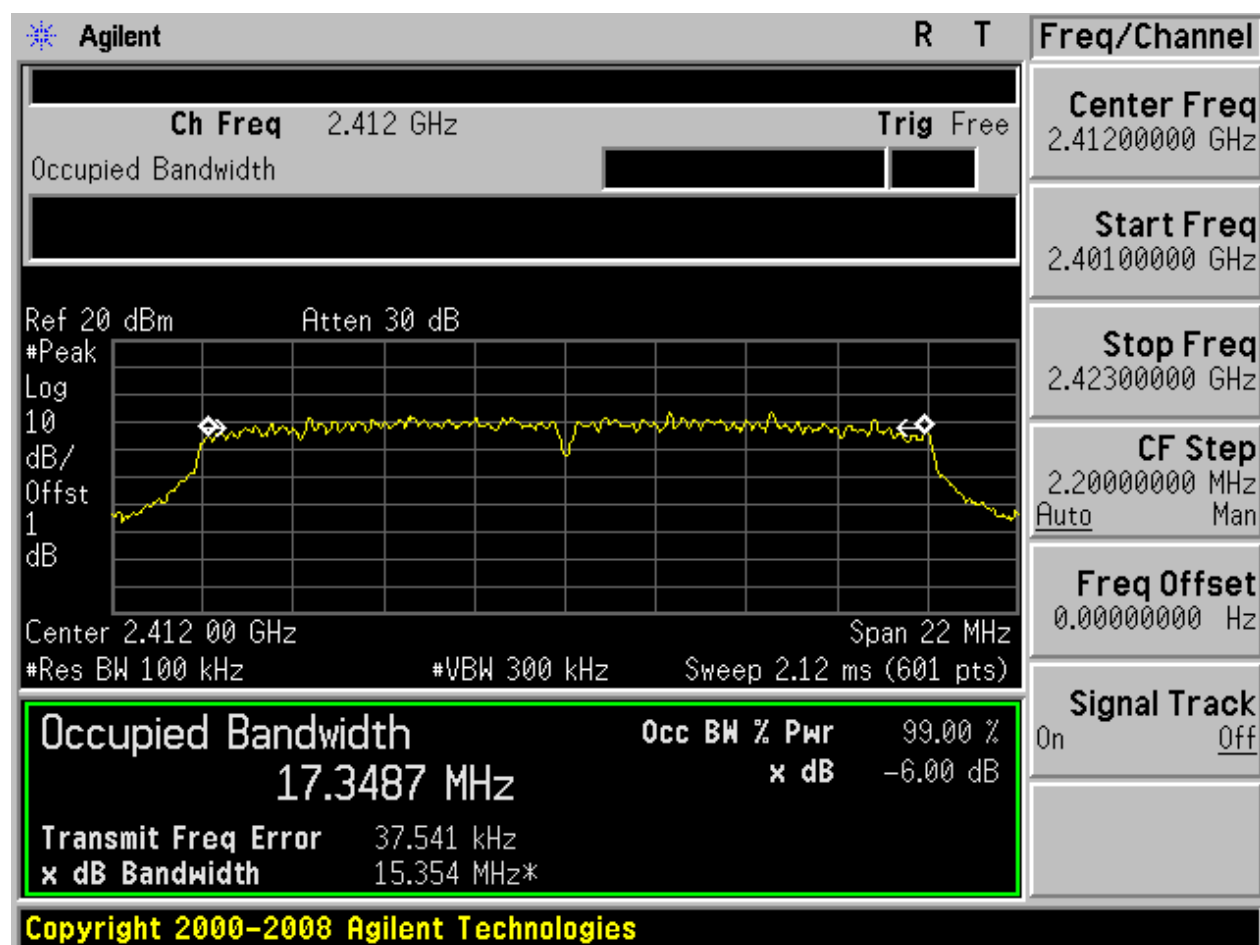


2.18 11N20_H@Ant 2



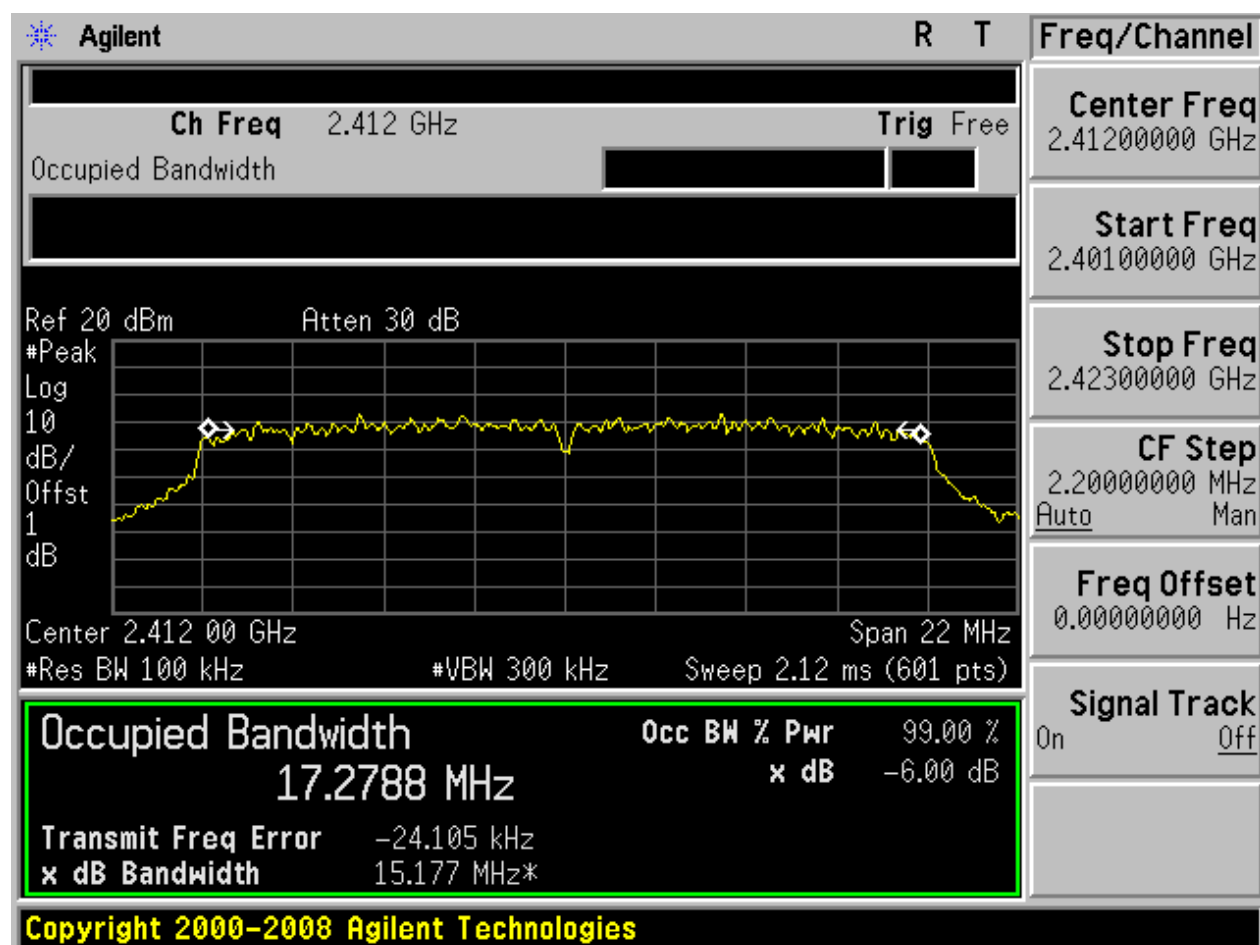


2.19 11N20m_L@Ant 1

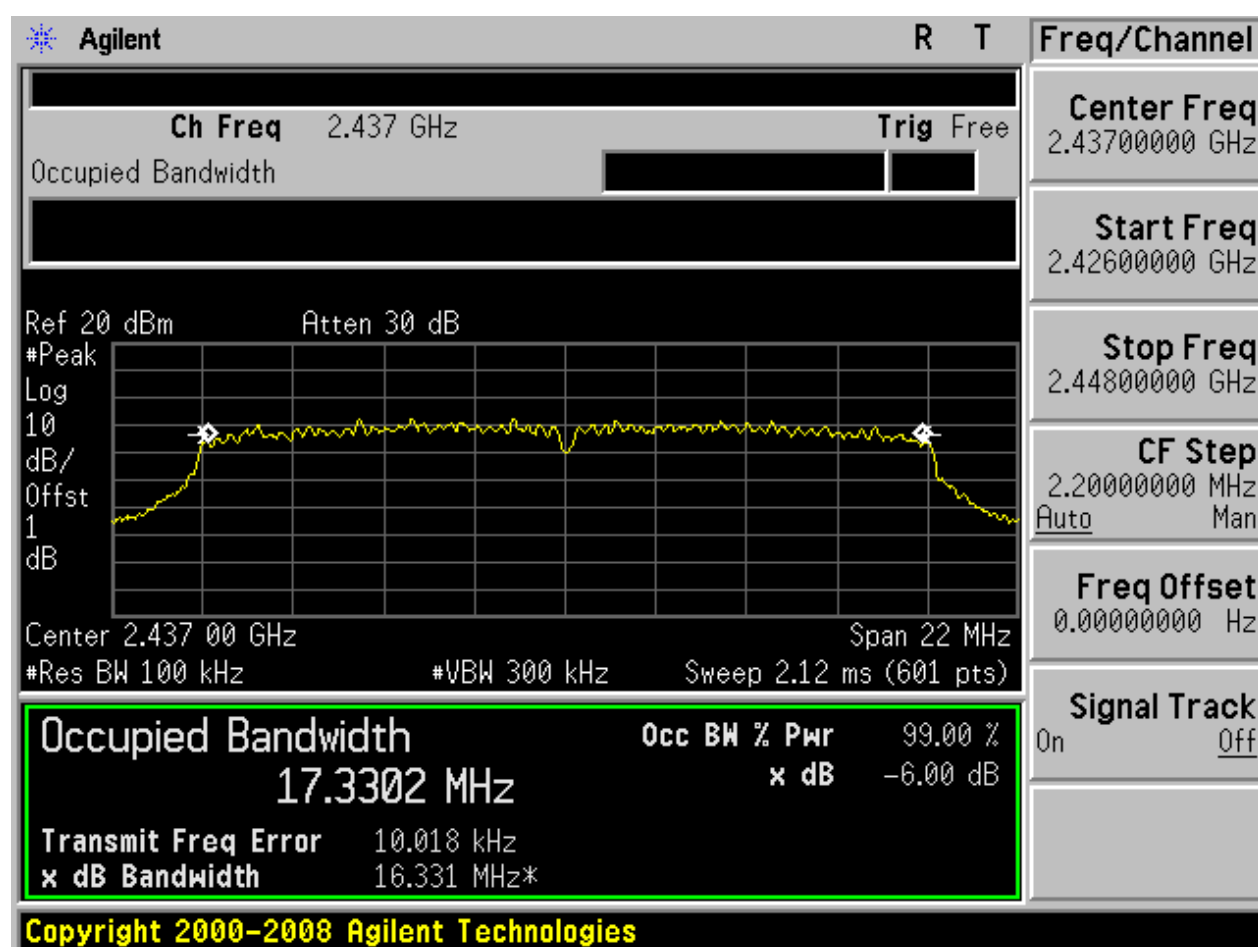




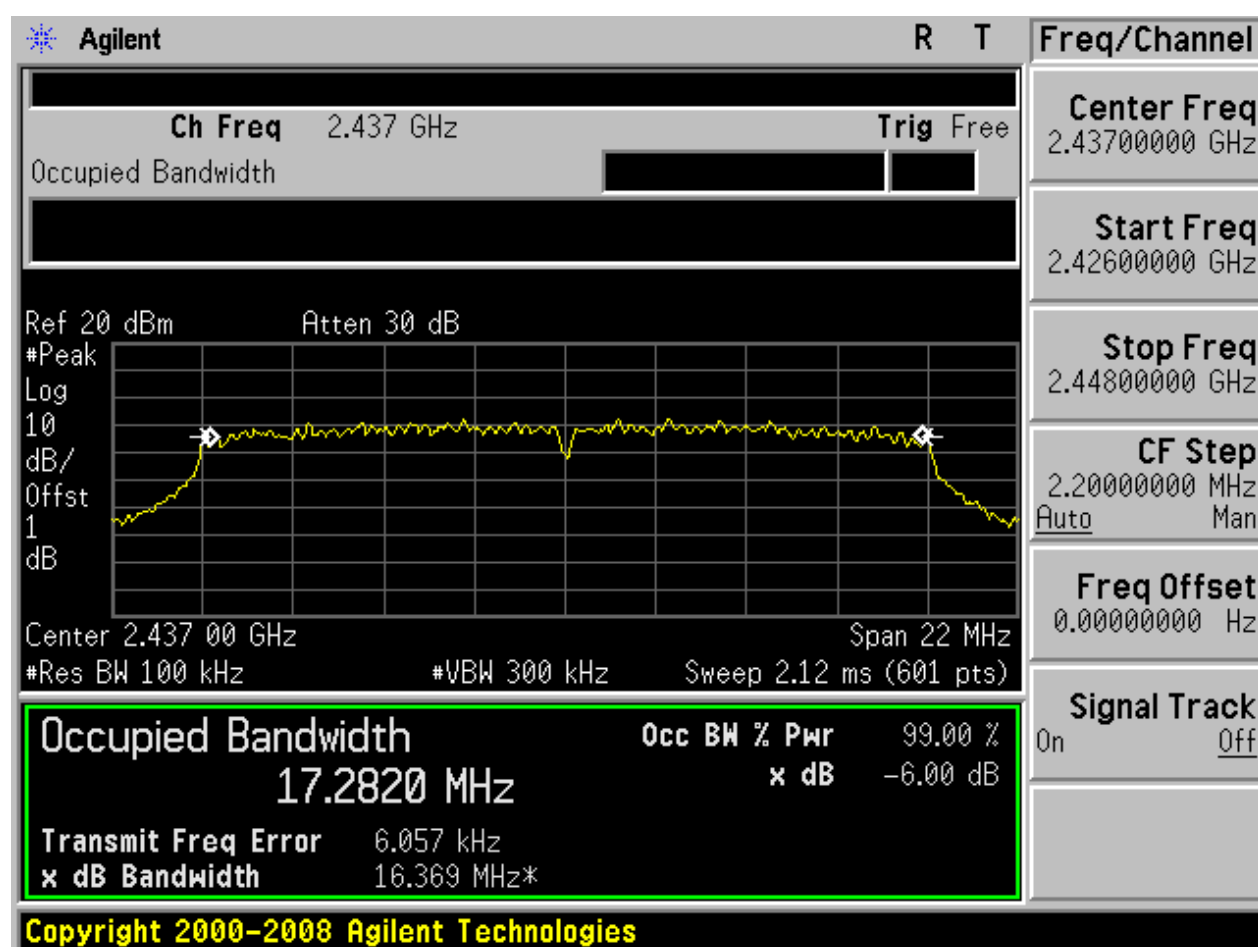
2.20 11N20m_L@Ant 2



2.22 11N20m_M@Ant 2

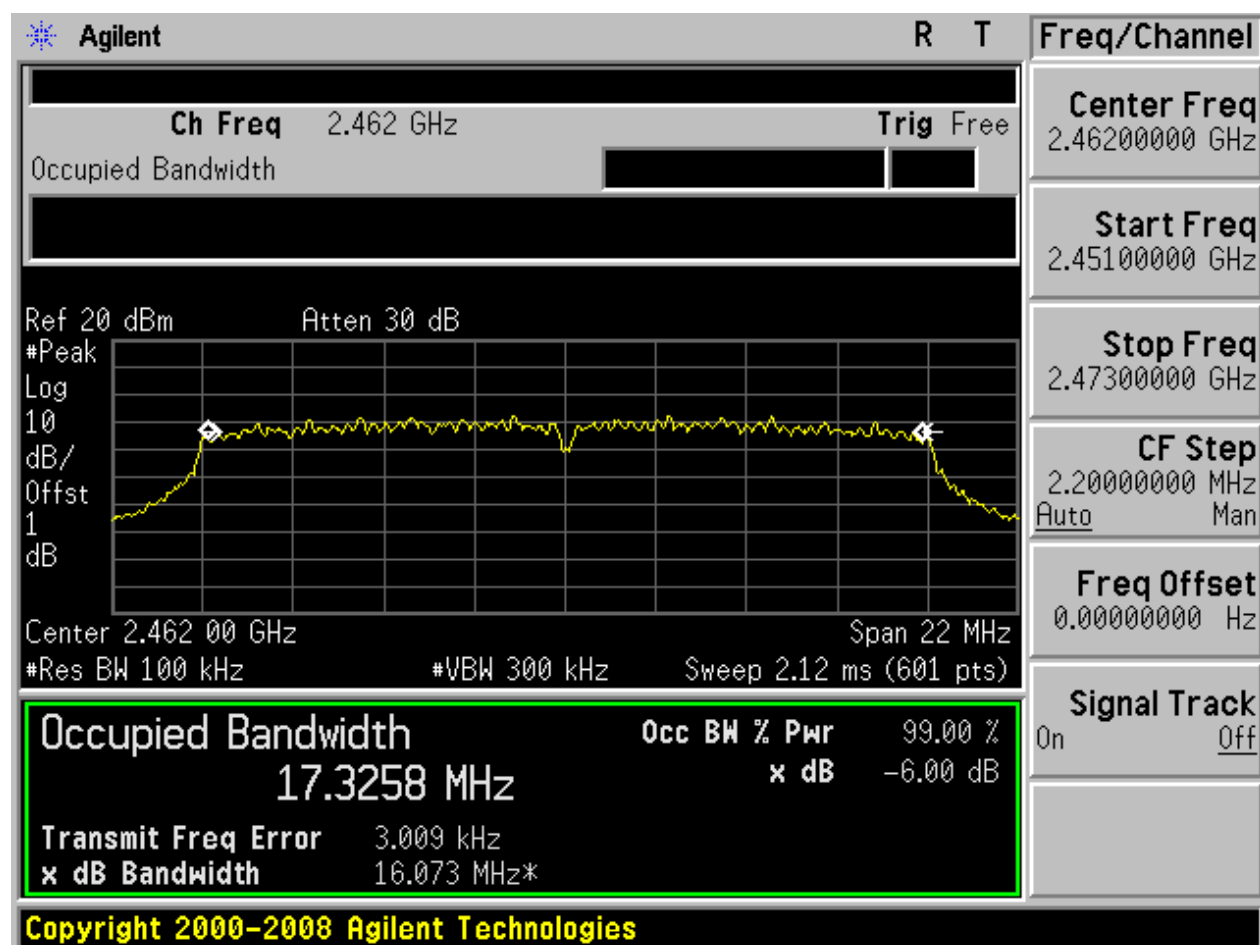


2.21 11N20m_M@Ant 1



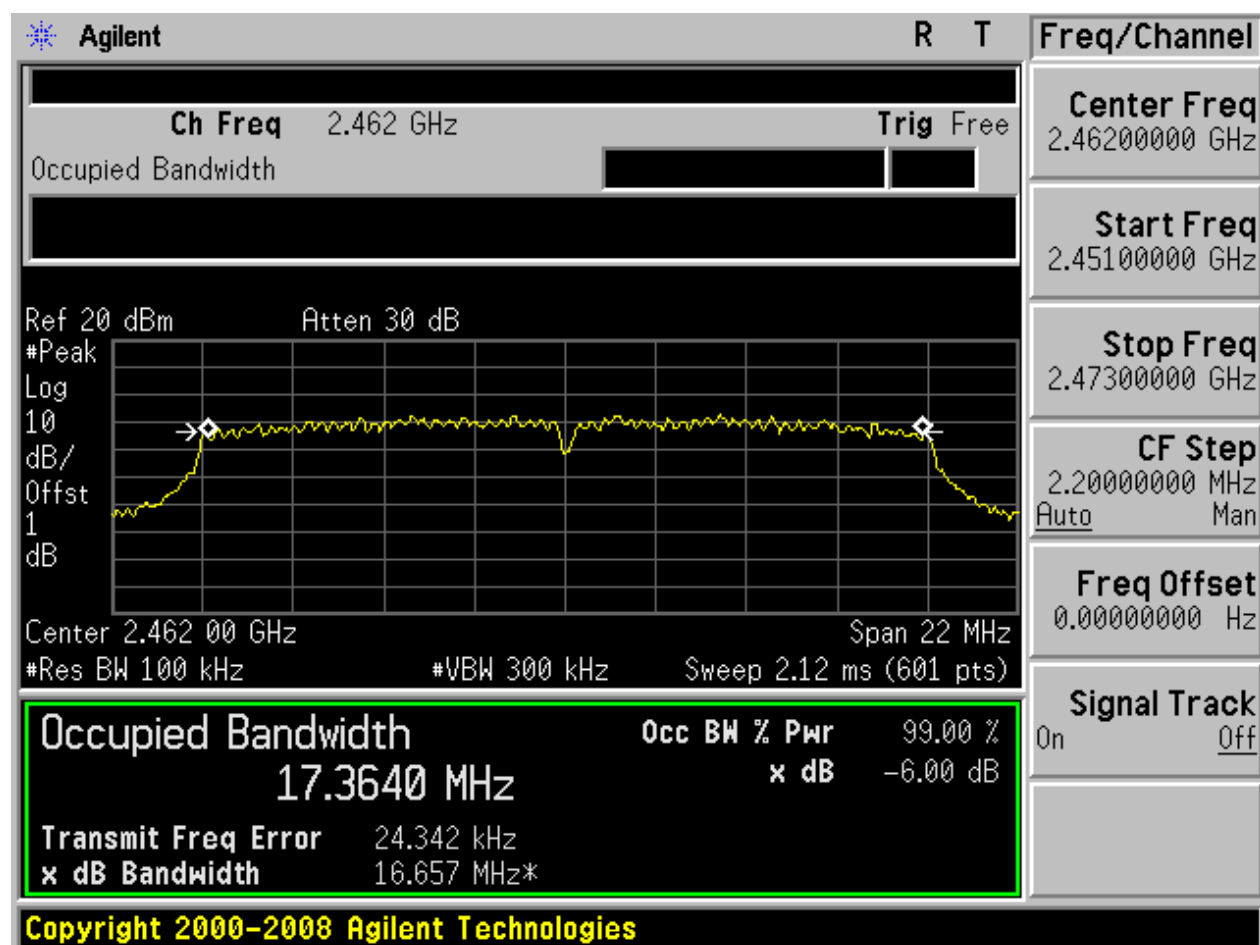


2.23 11N20m_H@Ant 1

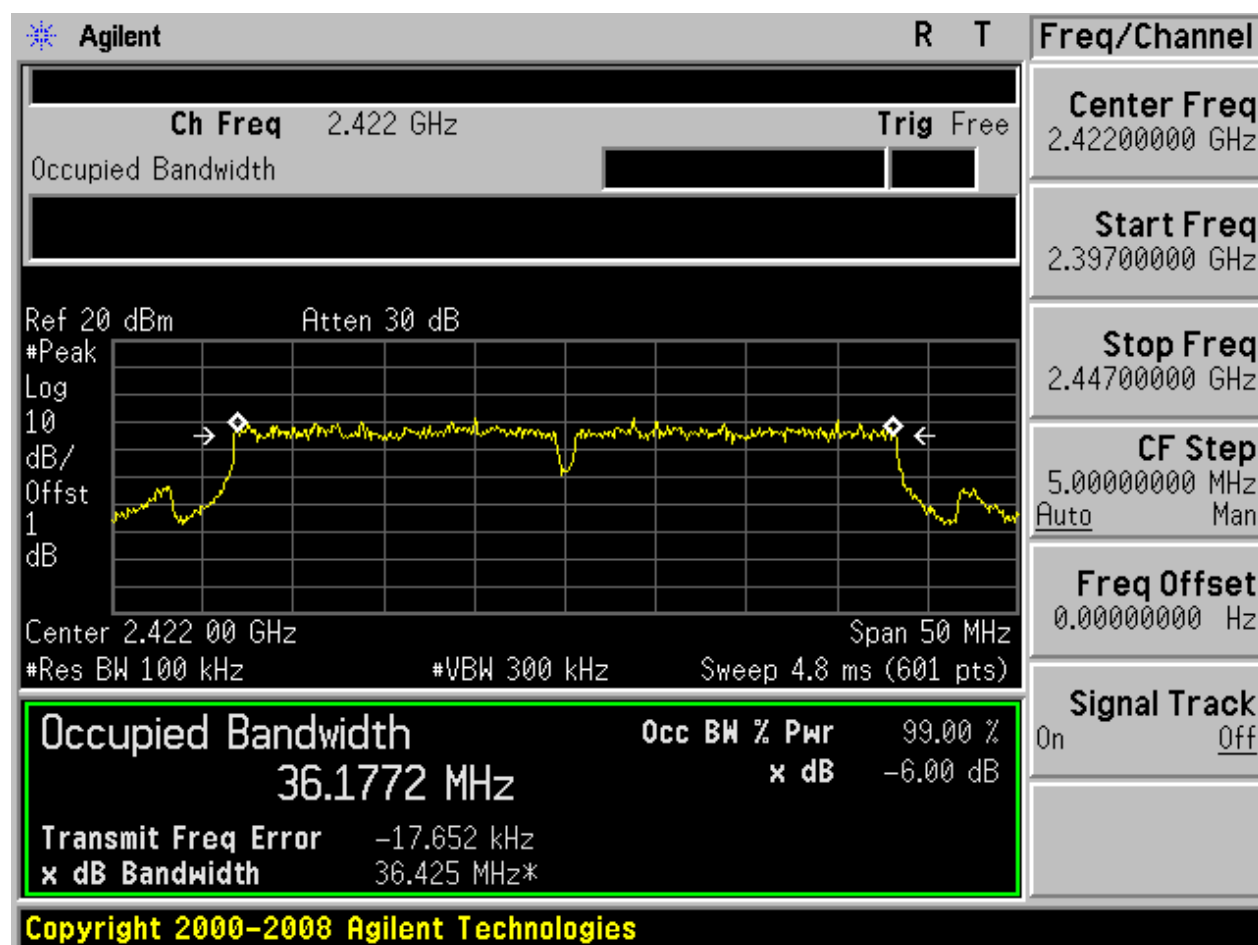




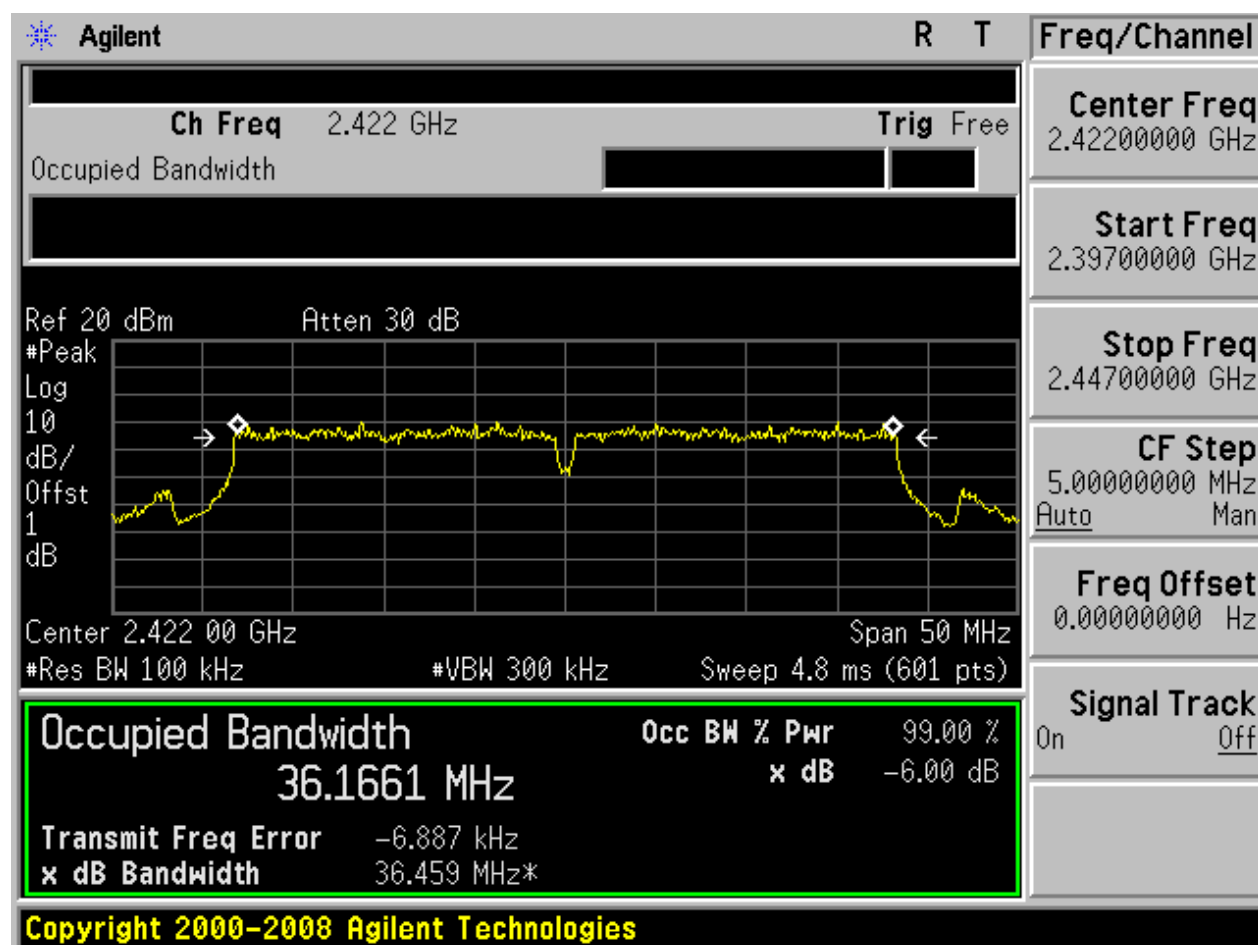
2.24 11N20m_H@Ant 2



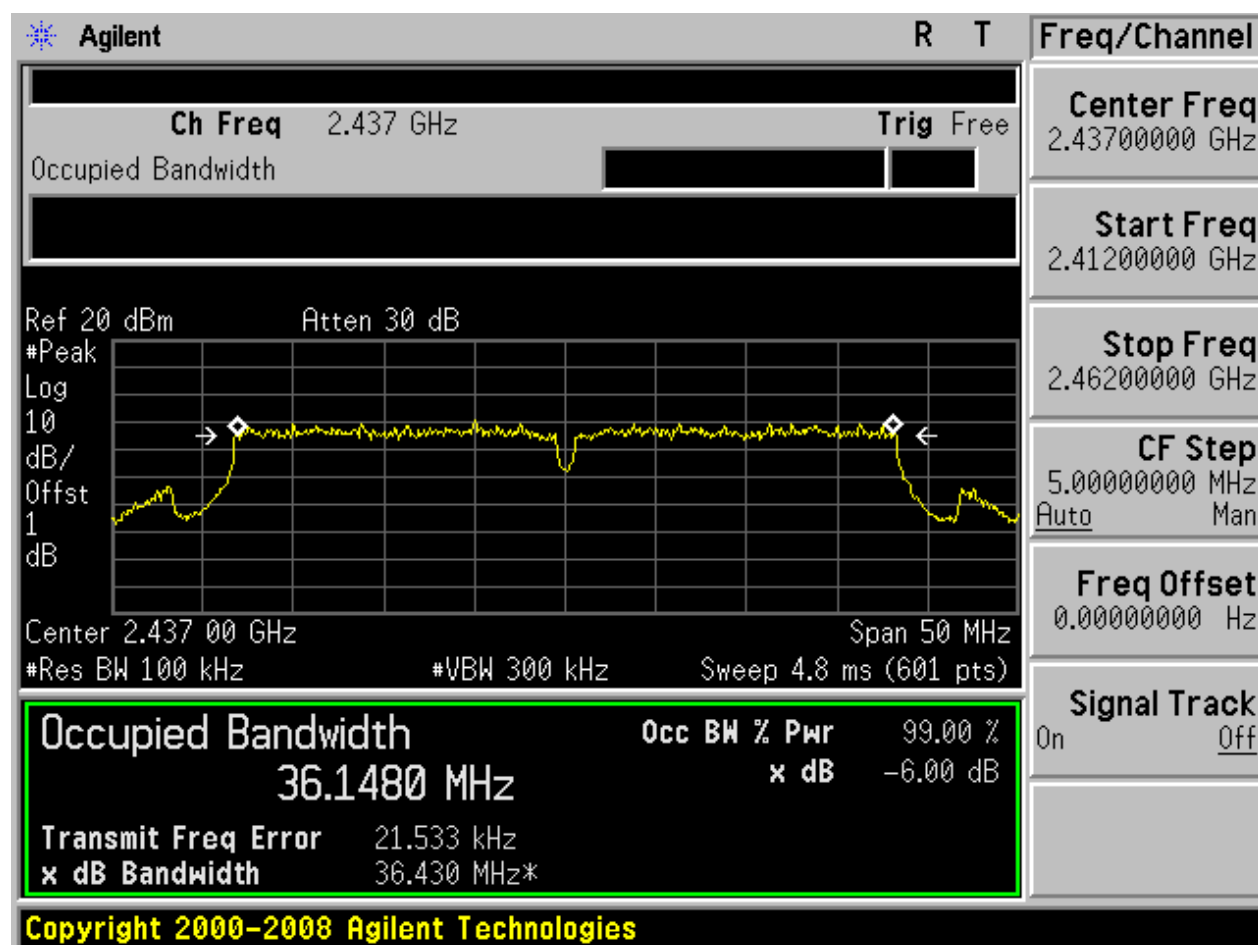
2.25 11N40_L@Ant 1



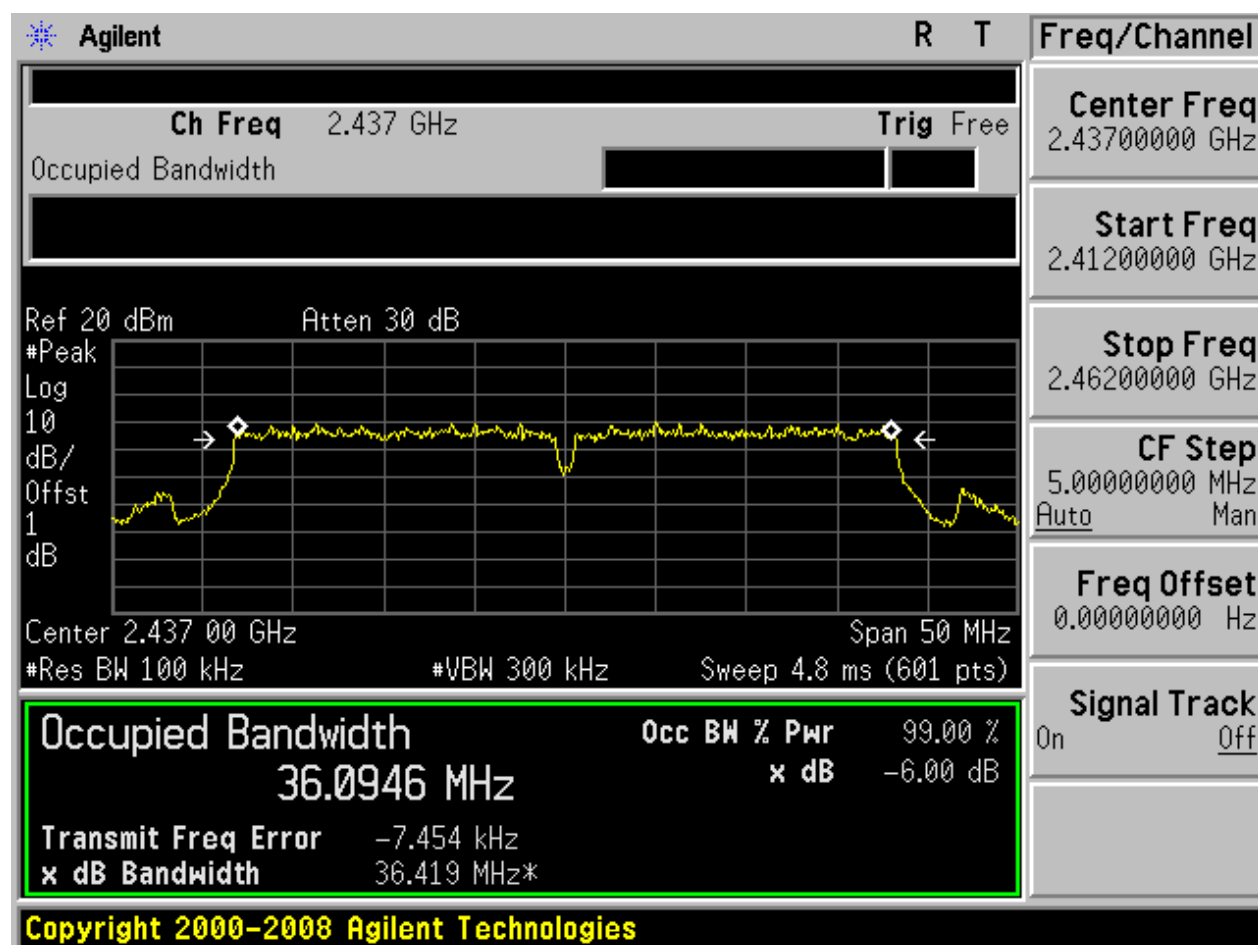
2.26 11N40_L@Ant 2



2.27 11N40_M@Ant 1

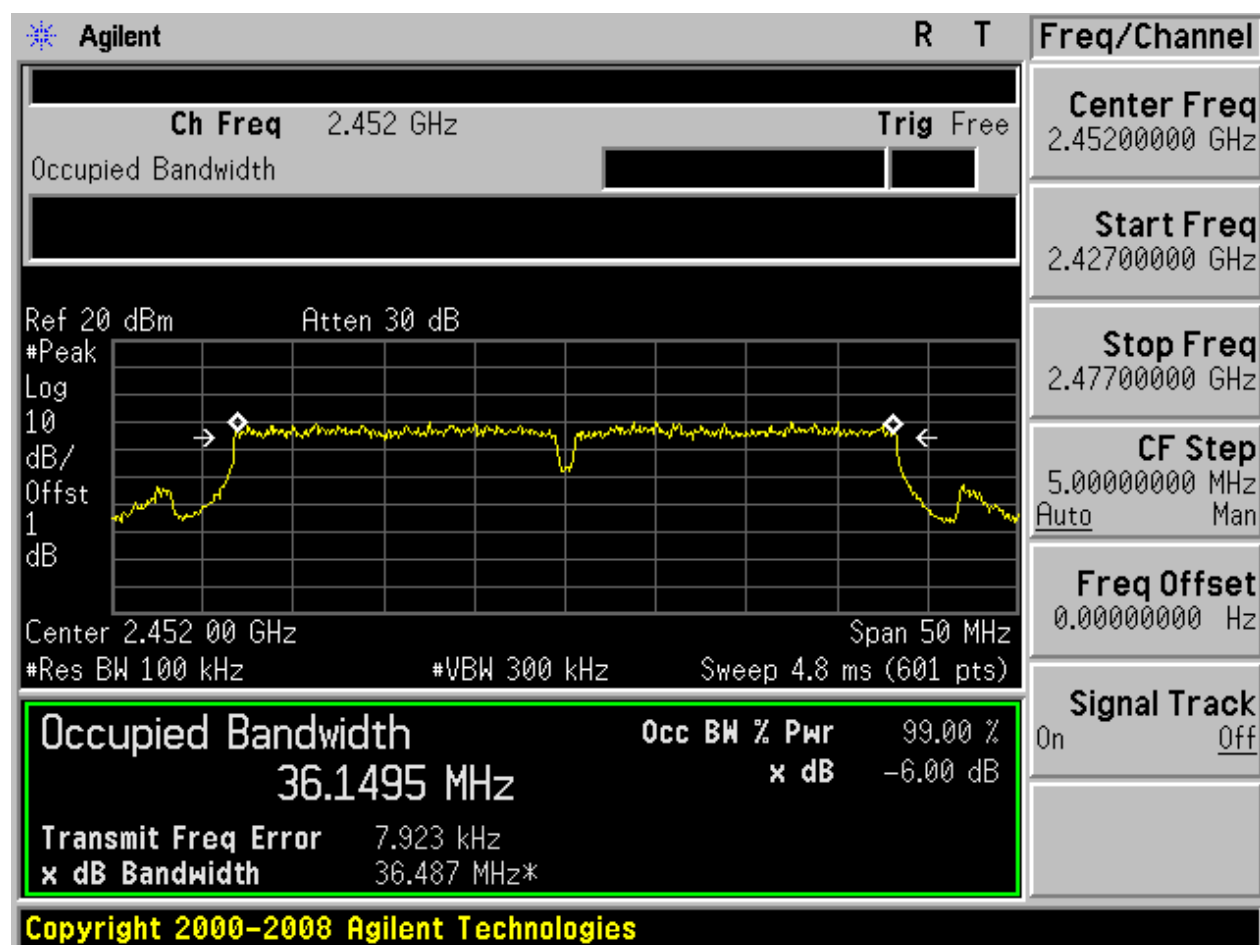


2.28 11N40_M@Ant 2



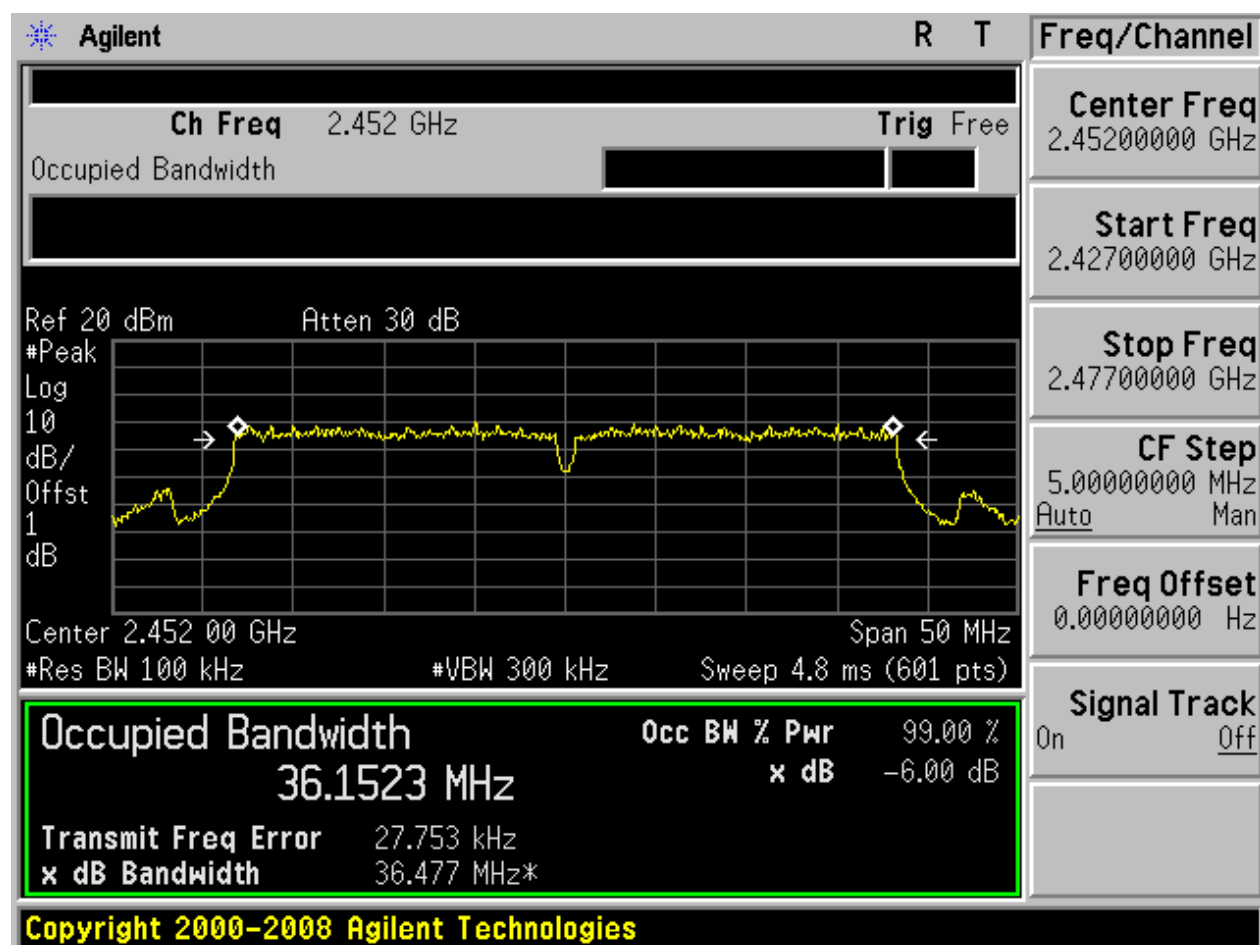


2.29 11N40_H@Ant 1

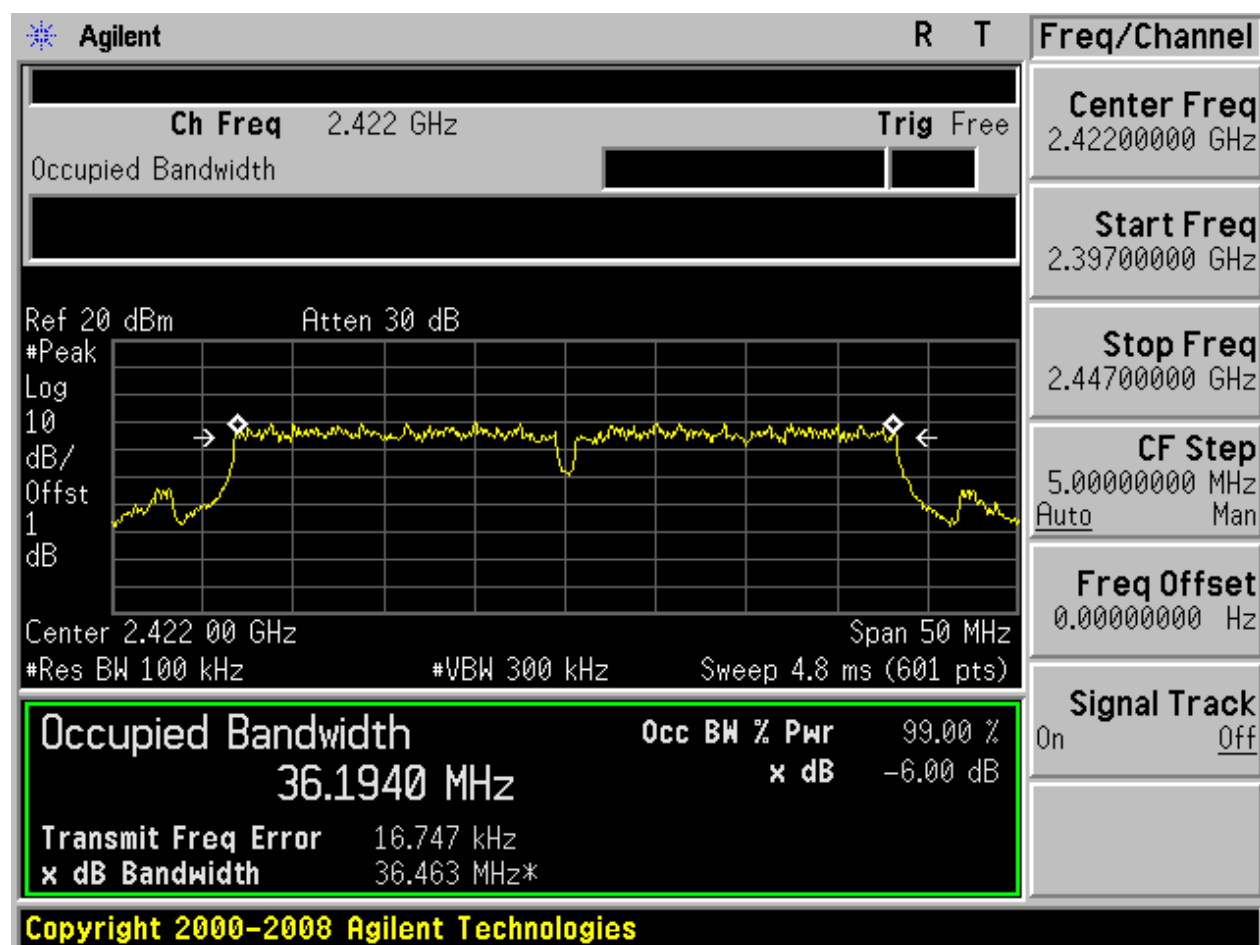




2.30 11N40_H@Ant 2

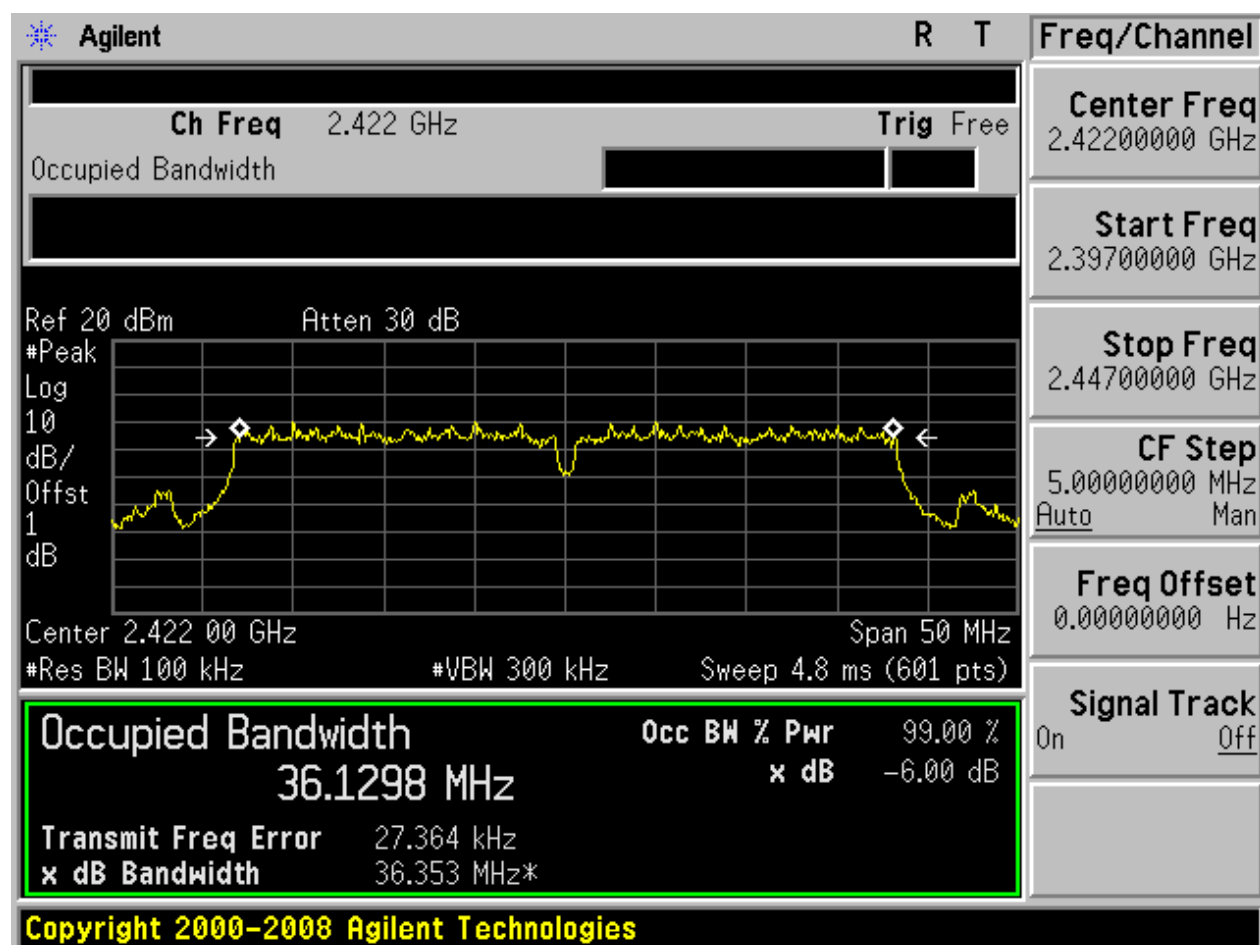


2.31 11N40m_L@Ant 1

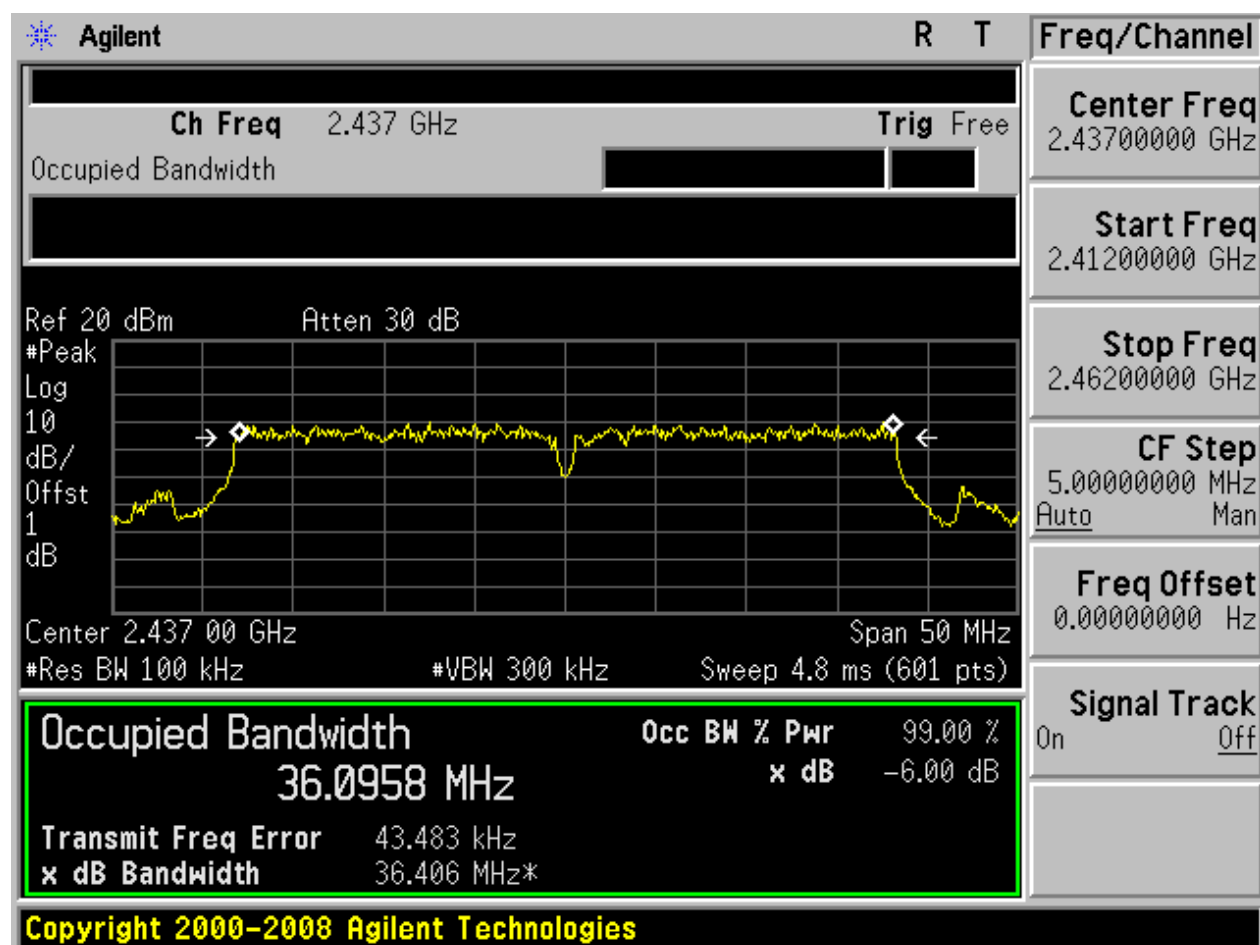




2.32 11N40m_L@Ant 2

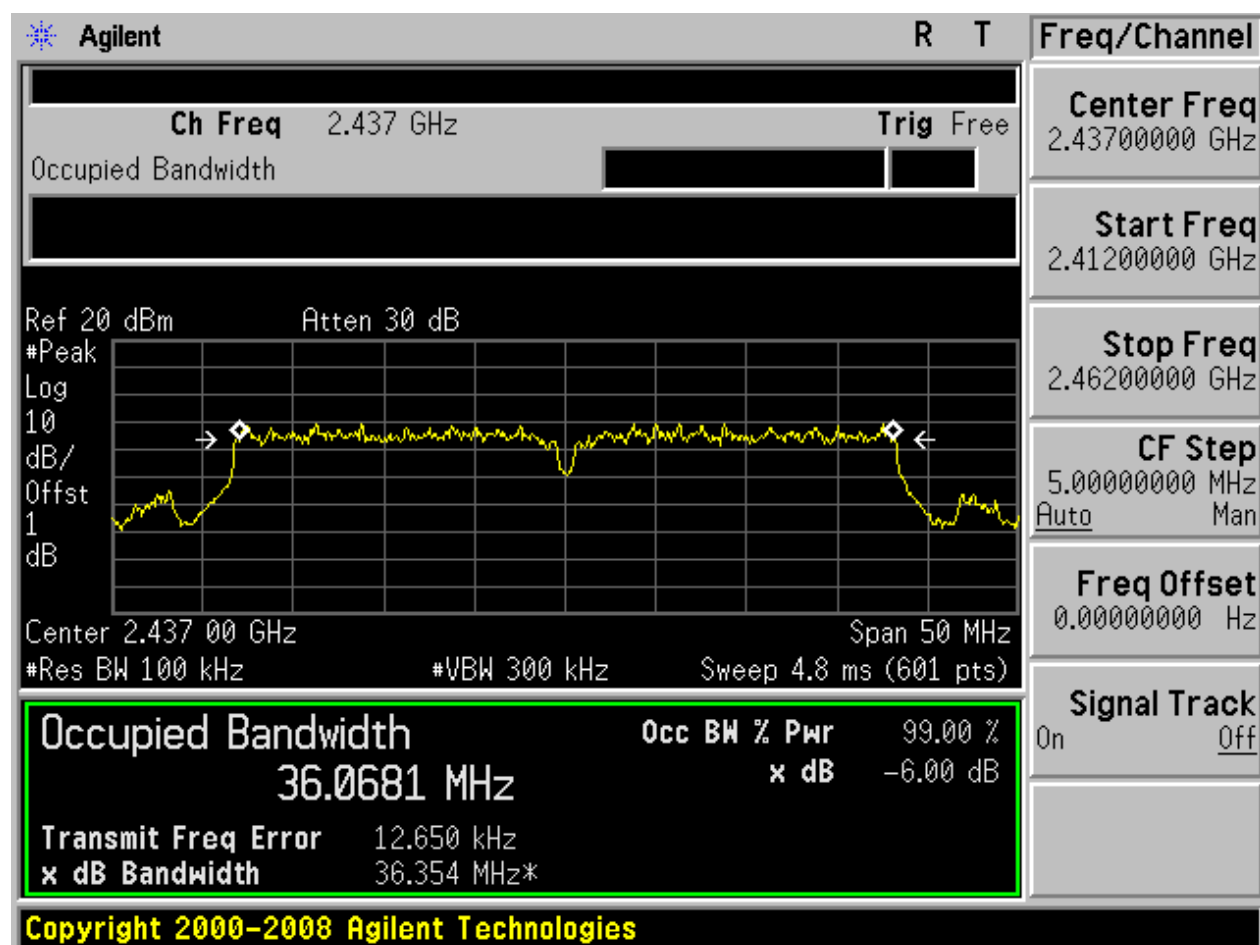


2.33 11N40m_M@Ant 1



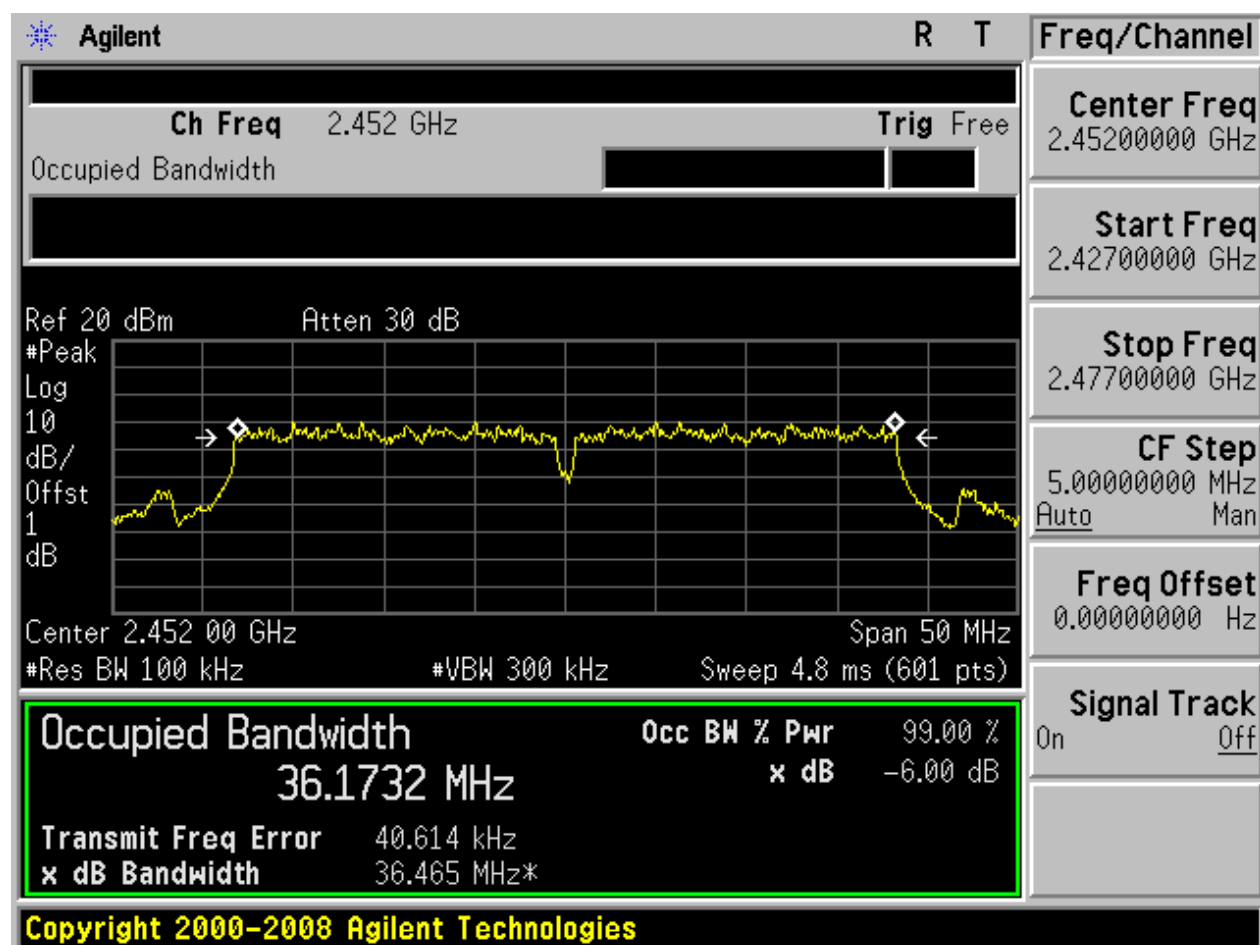


2.34 11N40m_M@Ant 2



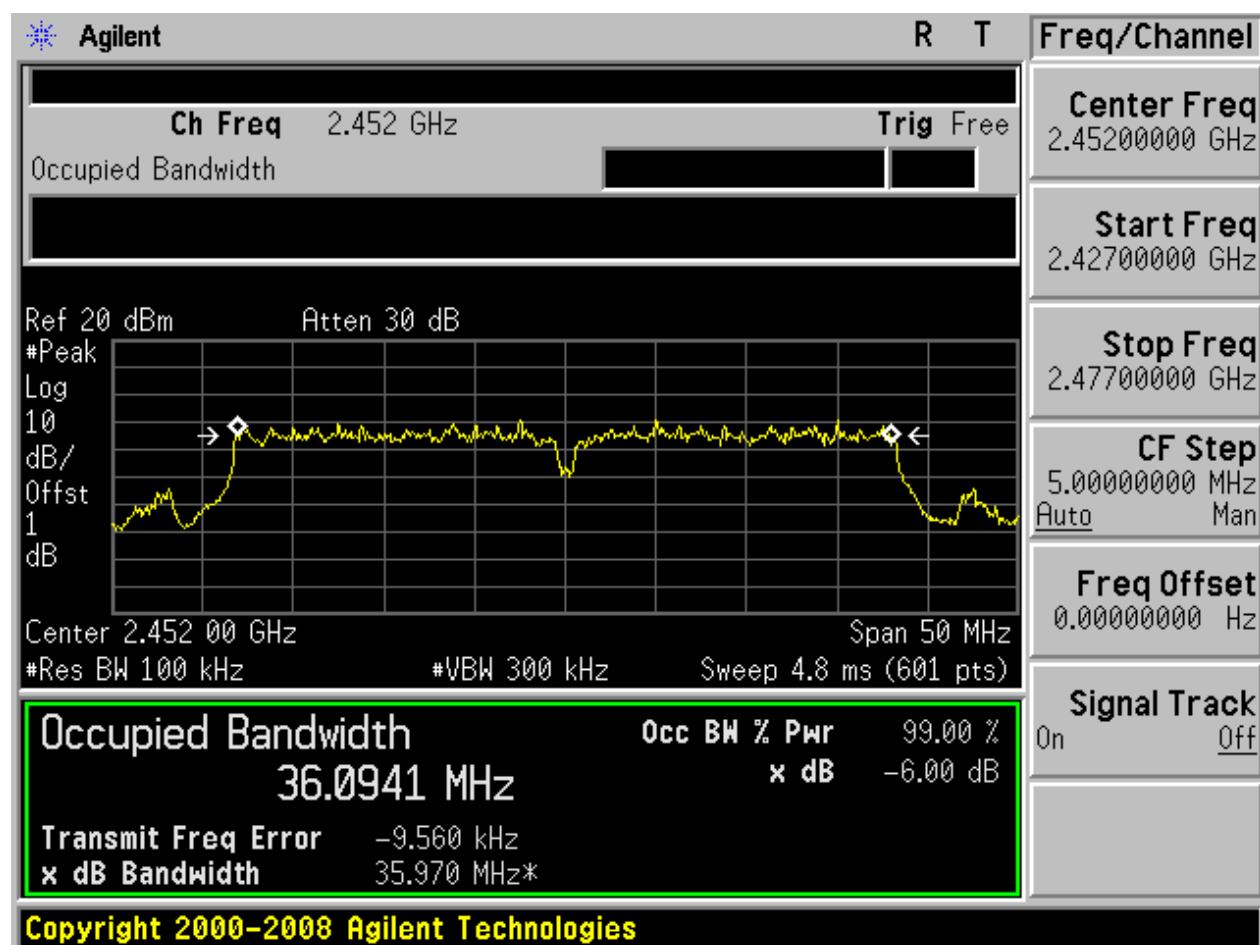


2.35 11N40m_H@Ant 1





2.36 11N40m_H@Ant 2



Appendix B: Maximum Peak Power

Test Mode	Test Channel	Frequency[MHz]	Ant	Power[MHz]	Verdict
11B	L	2412	Ant 1	20.41	pass
11B	L	2412	Ant 2	19.46	pass
11B	M	2437	Ant 1	20.58	pass
11B	M	2437	Ant 2	19.59	pass
11B	H	2462	Ant 1	20.36	pass
11B	H	2462	Ant 2	19.43	pass
11G	L	2412	Ant 1	19.99	pass
11G	L	2412	Ant 2	19.75	pass
11G	M	2437	Ant 1	20.46	pass
11G	M	2437	Ant 2	19.87	pass
11G	H	2462	Ant 1	19.96	pass
11G	H	2462	Ant 2	19.85	pass
11N20	L	2412	Ant 1	19.92	pass
11N20	L	2412	Ant 2	19.11	pass
11N20	M	2437	Ant 1	19.89	pass
11N20	M	2437	Ant 2	19.26	pass
11N20	H	2462	Ant 1	19.99	pass
11N20	H	2462	Ant 2	19.35	pass
11N20m	L	2412	Ant 1	19.59	pass
11N20m	L	2412	Ant 2	19.25	pass
11N20m	L	2412	Sum	22.43	pass
11N20m	M	2437	Ant 1	19.76	pass
11N20m	M	2437	Ant 2	18.96	pass
11N20m	M	2437	Sum	22.39	pass
11N20m	H	2462	Ant 1	19.74	pass
11N20m	H	2462	Ant 2	19.18	pass
11N20m	H	2462	Sum	22.48	pass
11N40	L	2422	Ant 1	16.76	pass
11N40	L	2422	Ant 2	16.32	pass
11N40	M	2437	Ant 1	20.09	pass
11N40	M	2437	Ant 2	19.58	pass
11N40	H	2452	Ant 1	16.24	pass
11N40	H	2452	Ant 2	15.78	pass
11N40m	L	2422	Ant 1	16.56	pass
11N40m	L	2422	Ant 2	15.96	pass
11N40m	L	2422	Sum	19.28	pass
11N40m	M	2437	Ant 1	20.45	pass
11N40m	M	2437	Ant 2	19.58	pass



Test Mode	Test Channel	Frequency[MHz]	Ant	Power[MHz]	Verdict
11N40m	M	2437	Sum	23.05	pass
11N40m	H	2452	Ant 1	16.62	pass
11N40m	H	2452	Ant 2	16.46	pass
11N40m	H	2452	Sum	19.55	pass

Appendix C: Maximum Power Spectral Density Level

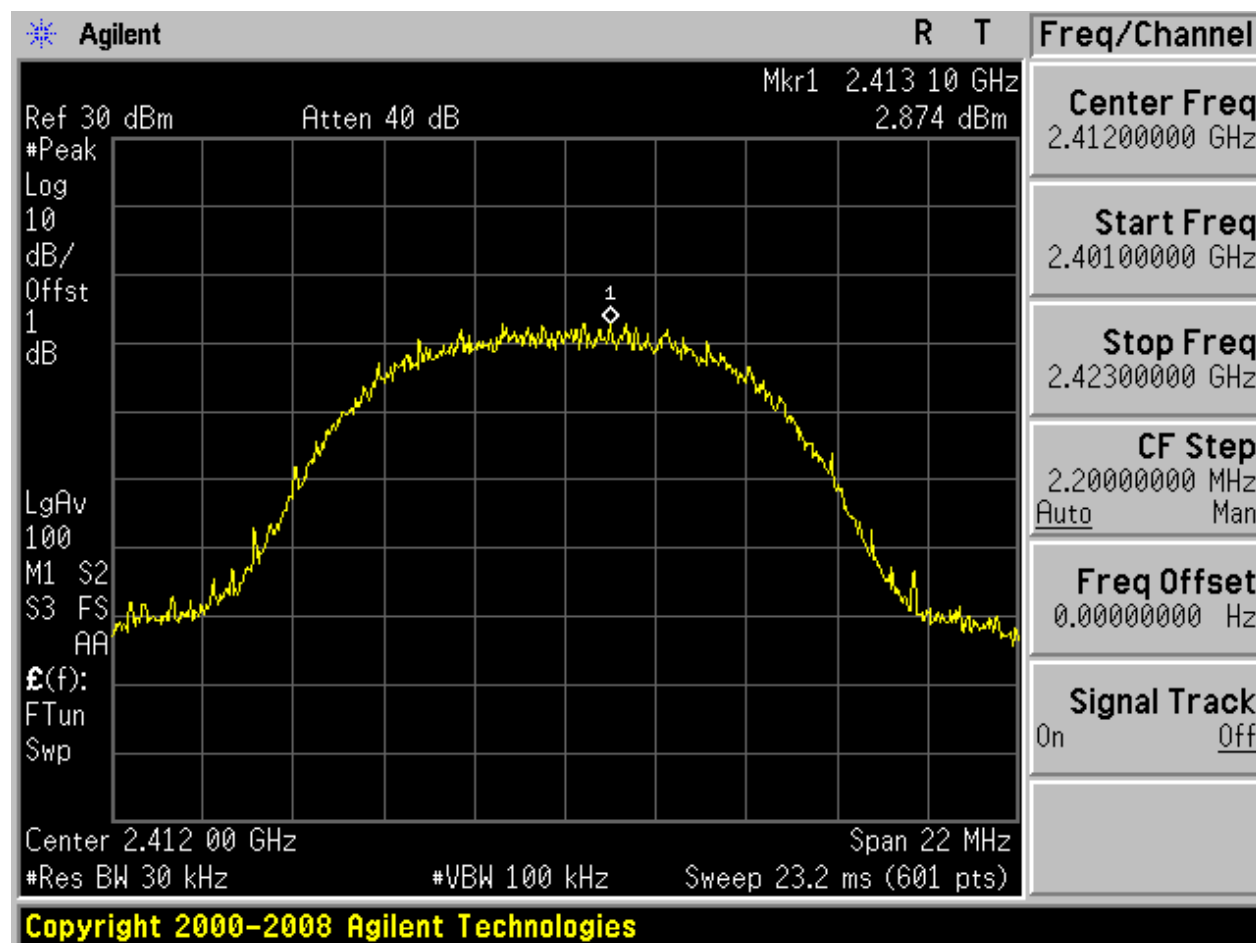
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	PD[MHz]	Verdict
11B	L	2412	Ant 1	2.87	pass
11B	L	2412	Ant 2	2.83	pass
11B	M	2437	Ant 1	2.46	pass
11B	M	2437	Ant 2	2.82	pass
11B	H	2462	Ant 1	3.80	pass
11B	H	2462	Ant 2	3.10	pass
11G	L	2412	Ant 1	-3.88	pass
11G	L	2412	Ant 2	-3.68	pass
11G	M	2437	Ant 1	-4.09	pass
11G	M	2437	Ant 2	-4.04	pass
11G	H	2462	Ant 1	-2.29	pass
11G	H	2462	Ant 2	-3.69	pass
11N20	L	2412	Ant 1	-3.92	pass
11N20	L	2412	Ant 2	-4.00	pass
11N20	M	2437	Ant 1	-4.00	pass
11N20	M	2437	Ant 2	-4.32	pass
11N20	H	2462	Ant 1	-3.45	pass
11N20	H	2462	Ant 2	-3.82	pass
11N20m	L	2412	Ant 1	-3.83	pass
11N20m	L	2412	Ant 2	-4.79	pass
11N20m	L	2412	Sum	-1.27	pass
11N20m	M	2437	Ant 1	-4.88	pass
11N20m	M	2437	Ant 2	-4.36	pass
11N20m	M	2437	Sum	-1.60	pass
11N20m	H	2462	Ant 1	-4.01	pass
11N20m	H	2462	Ant 2	-3.27	pass
11N20m	H	2462	Sum	-0.61	pass
11N40	L	2422	Ant 1	-6.82	pass
11N40	L	2422	Ant 2	-7.46	pass
11N40	M	2437	Ant 1	-6.88	pass
11N40	M	2437	Ant 2	-7.28	pass
11N40	H	2452	Ant 1	-6.61	pass
11N40	H	2452	Ant 2	-7.29	pass
11N40m	L	2422	Ant 1	-7.06	pass
11N40m	L	2422	Ant 2	-7.27	pass

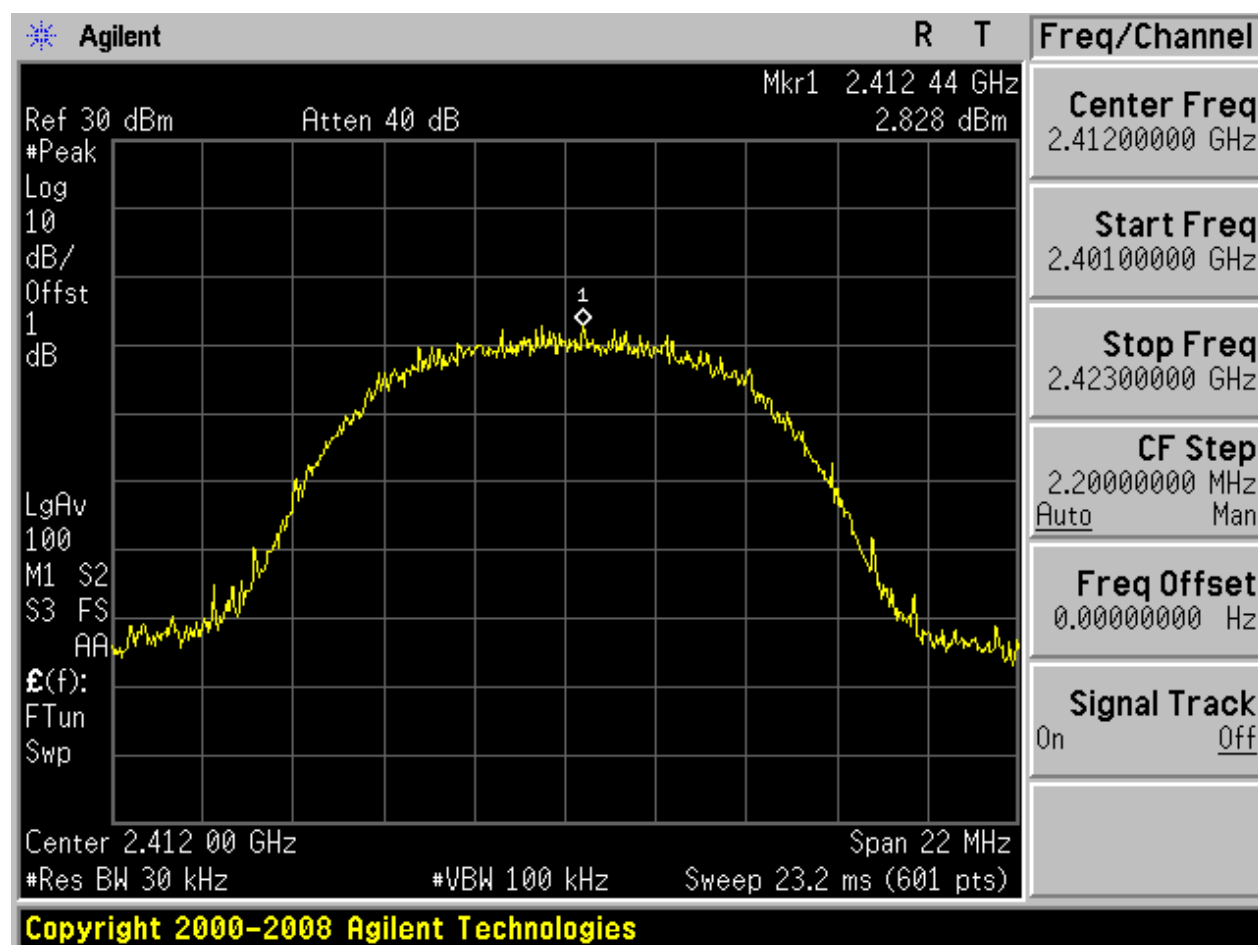
Test Mode	Test Channel	Frequency[MHz]	Ant	PD[MHz]	Verdict
11N40m	L	2422	Sum	-4.15	pass
11N40m	M	2437	Ant 1	-6.84	pass
11N40m	M	2437	Ant 2	-7.16	pass
11N40m	M	2437	Sum	-3.99	pass
11N40m	H	2452	Ant 1	-6.76	pass
11N40m	H	2452	Ant 2	-7.02	pass
11N40m	H	2452	Sum	-3.88	pass

Part II - Test Plots

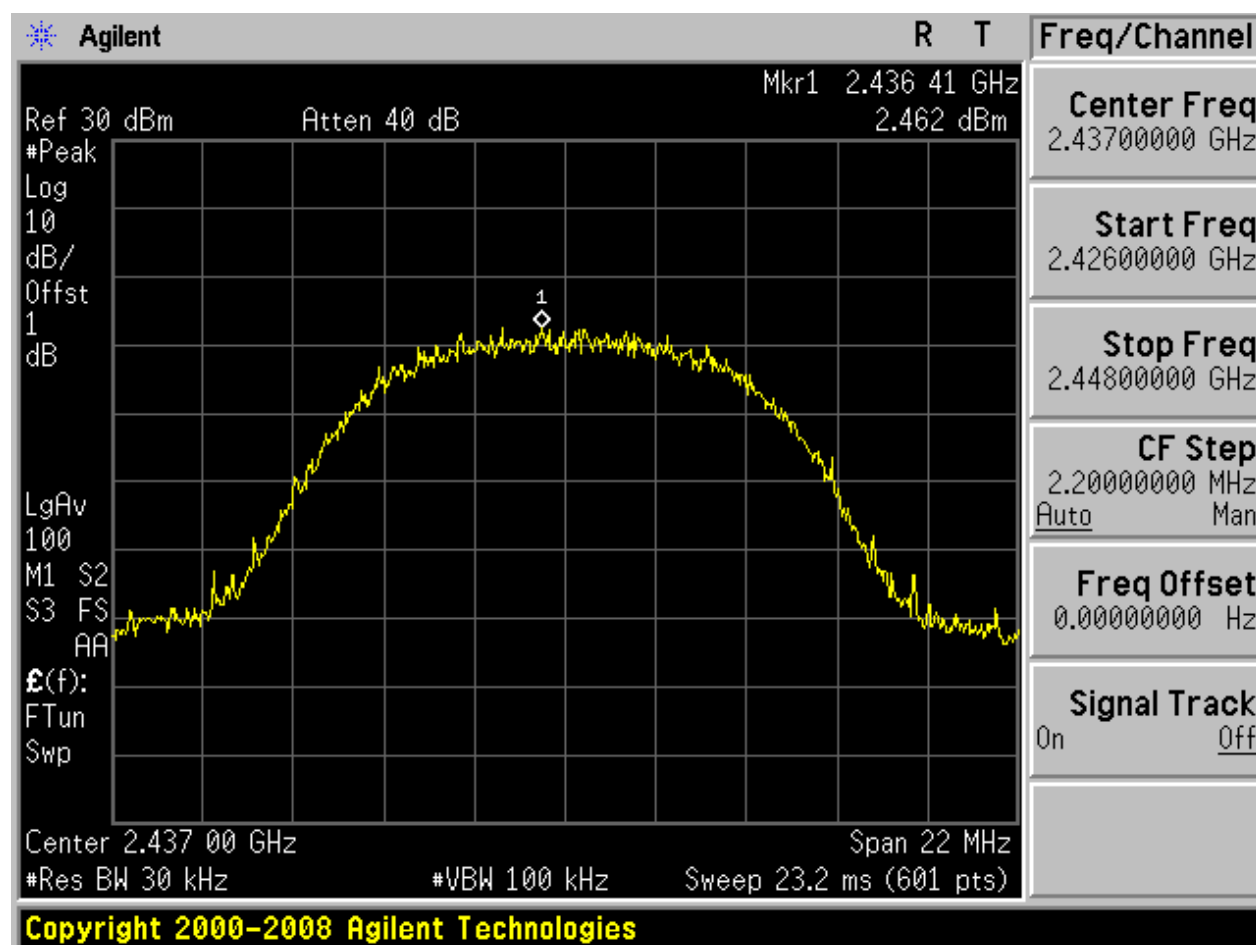
2.1 11B_L@Ant 1



2.2 11B_L@Ant 2

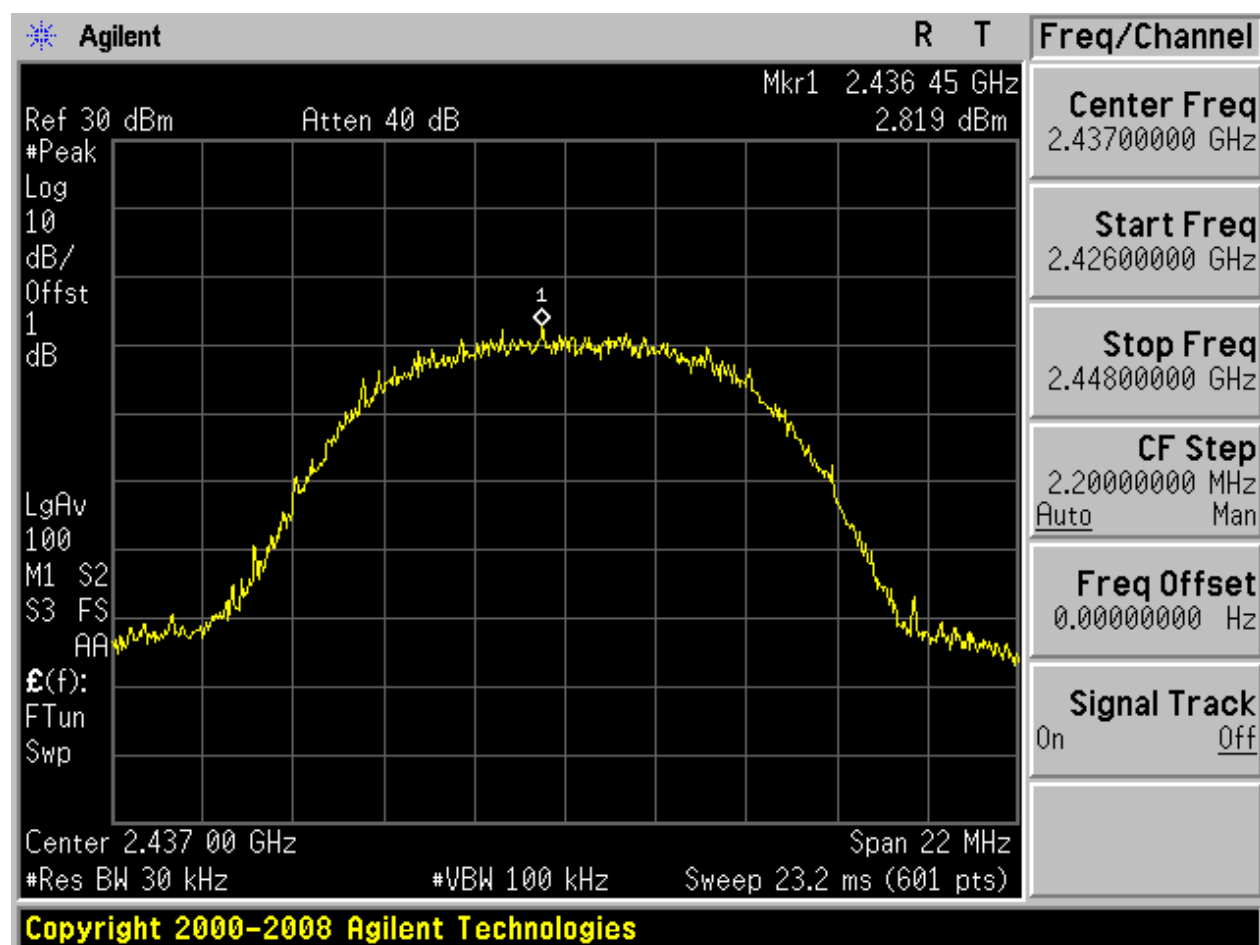


2.3 11B_M@Ant 1



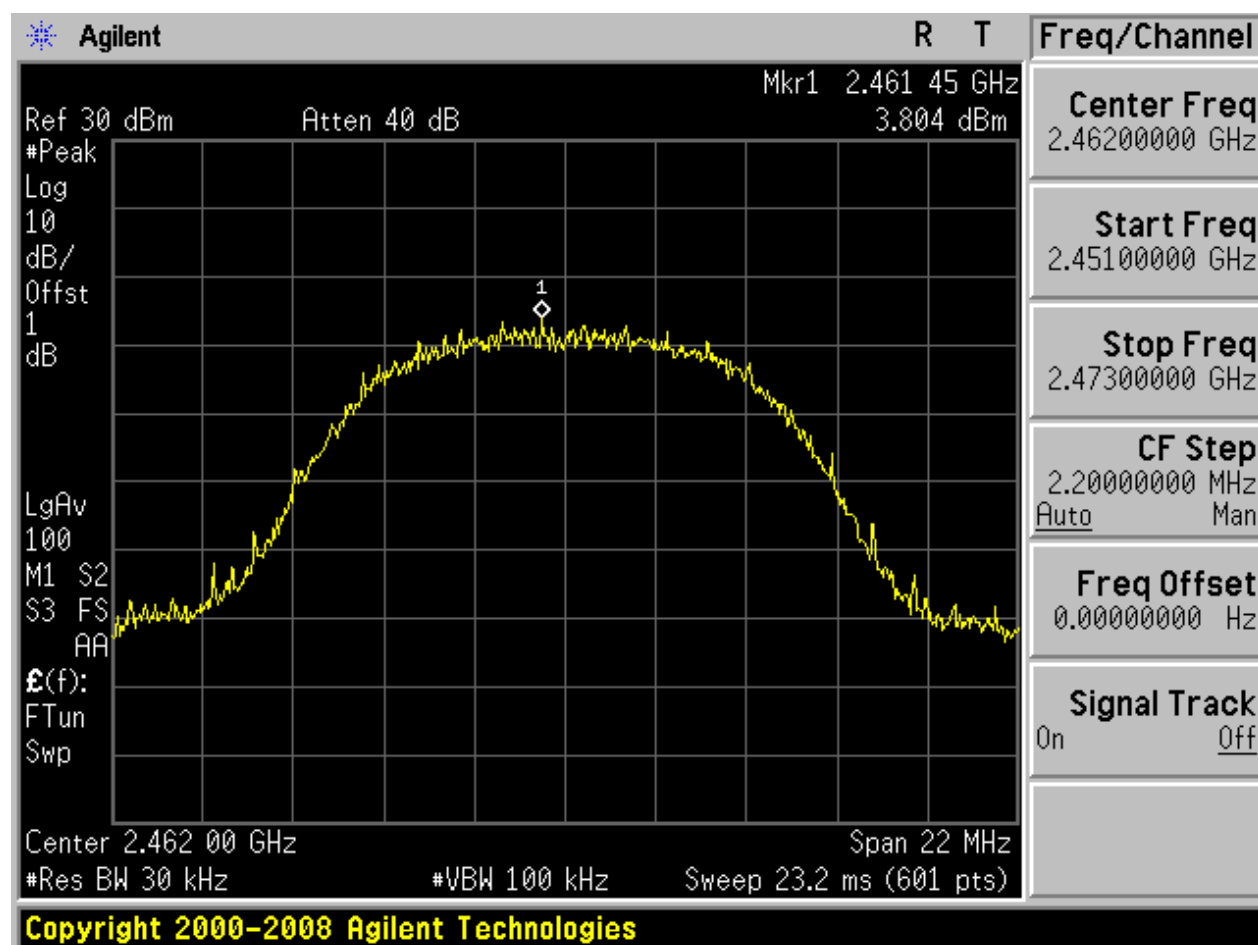


2.4 11B_M@Ant 2



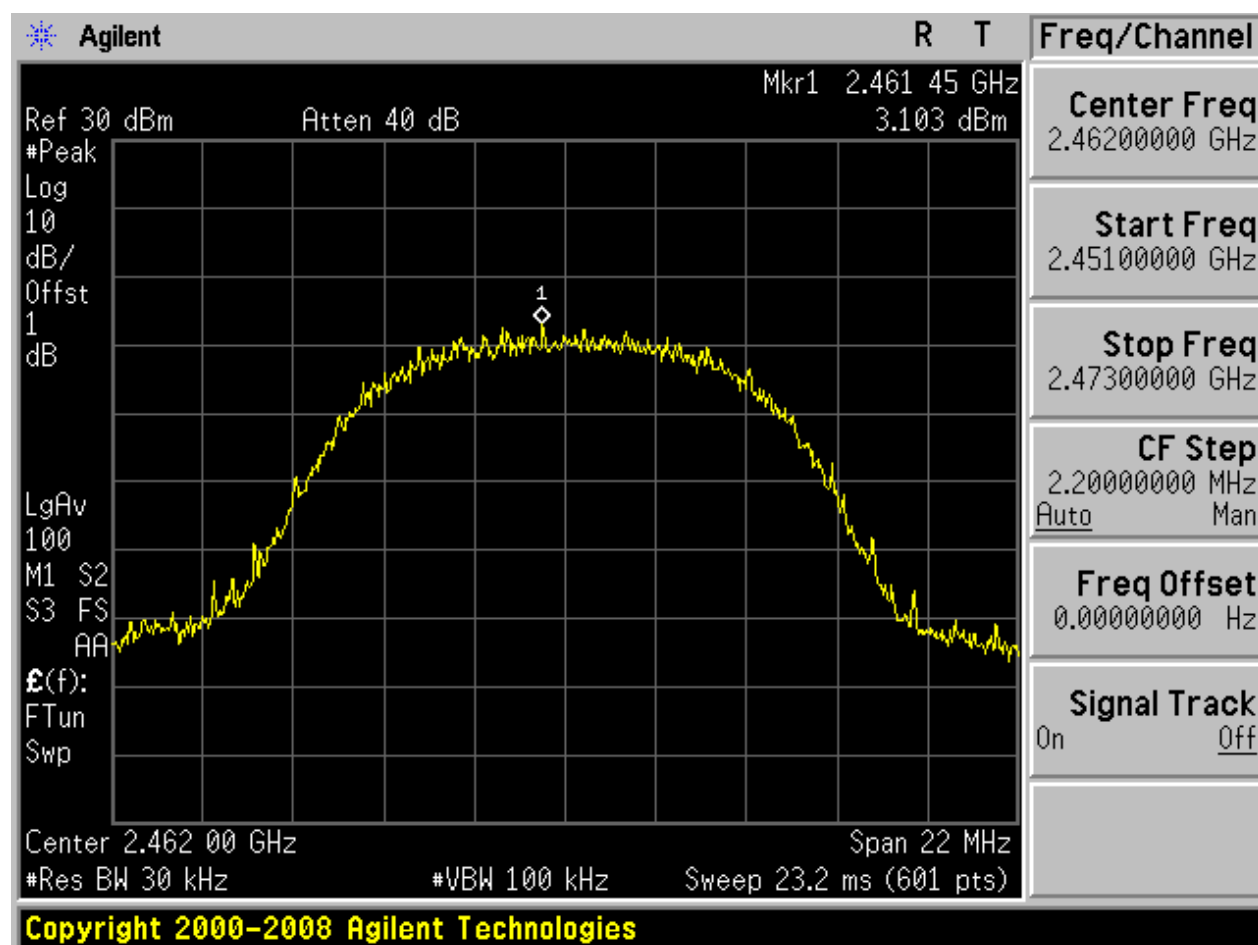


2.5 11B_H@Ant 1

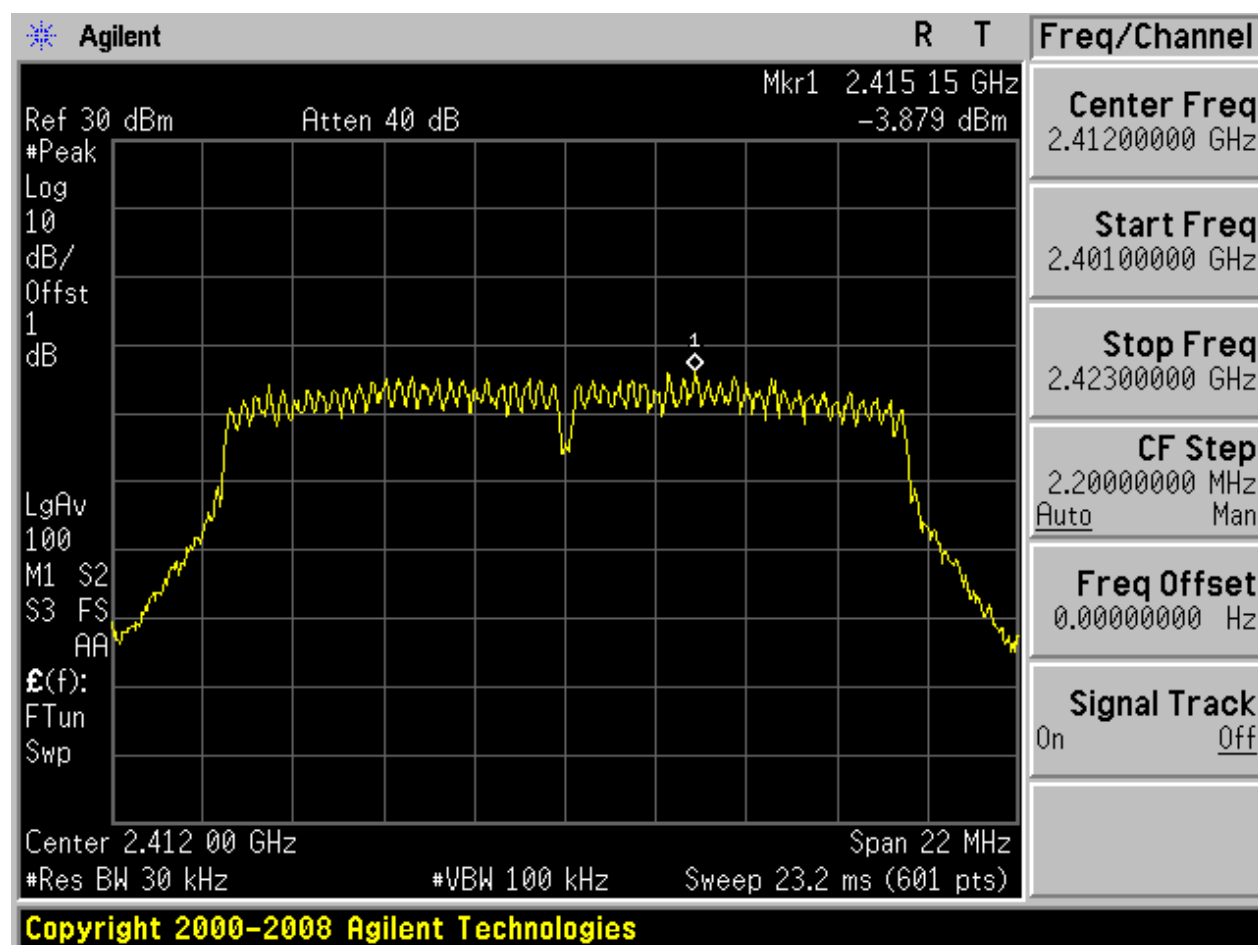




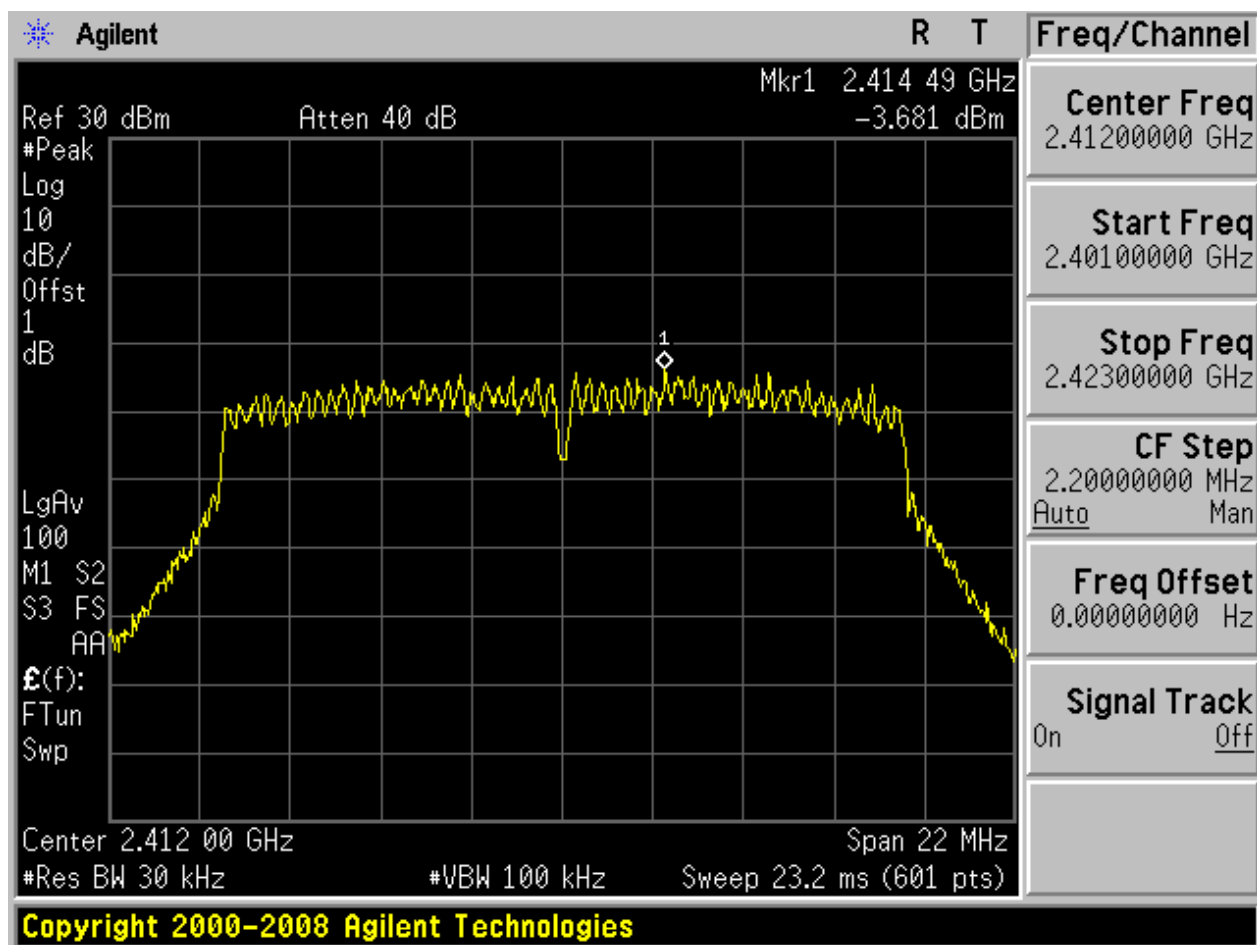
2.6 11B_H@Ant 2



2.7 11G_L@Ant 1

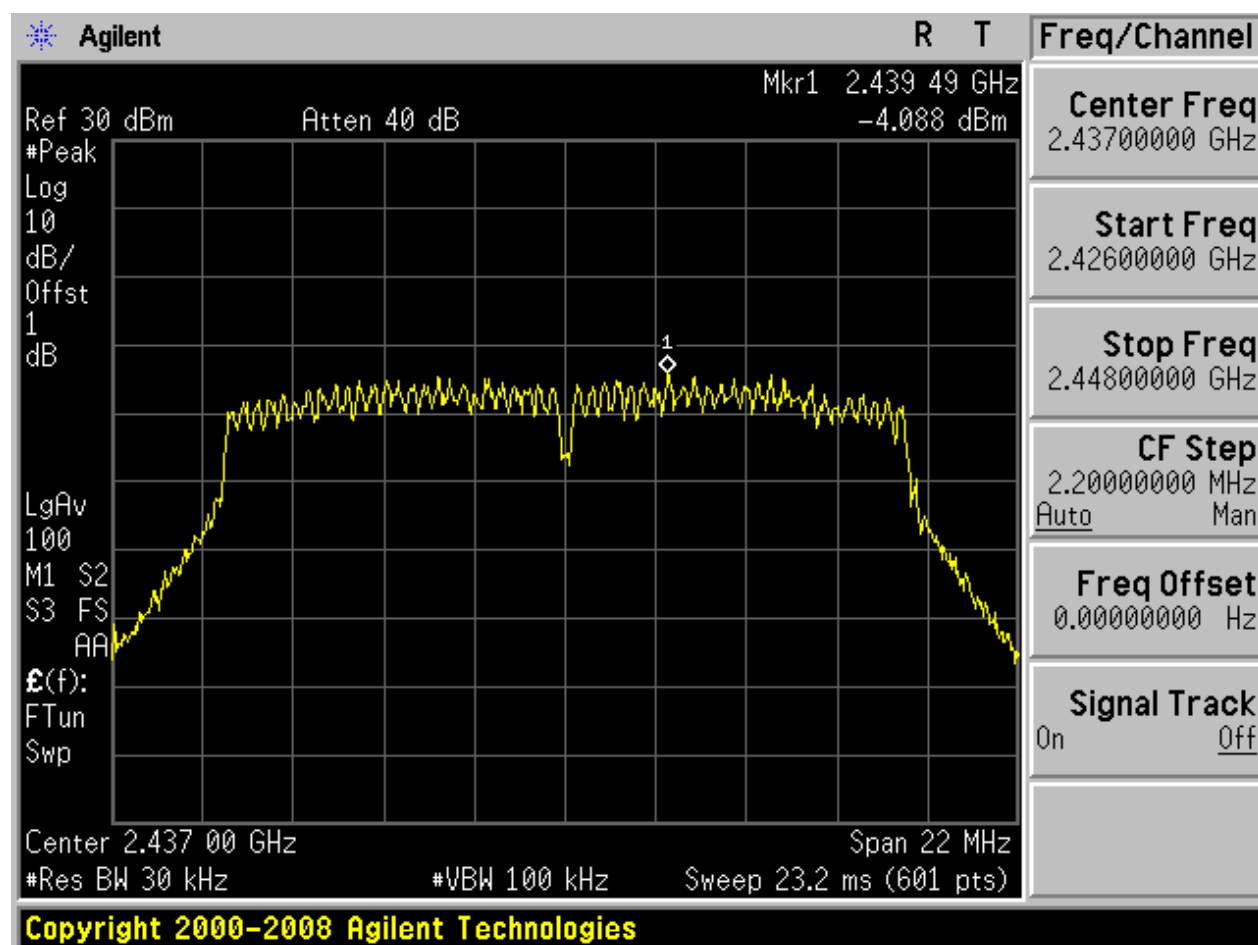


2.8 11G_L@Ant 2



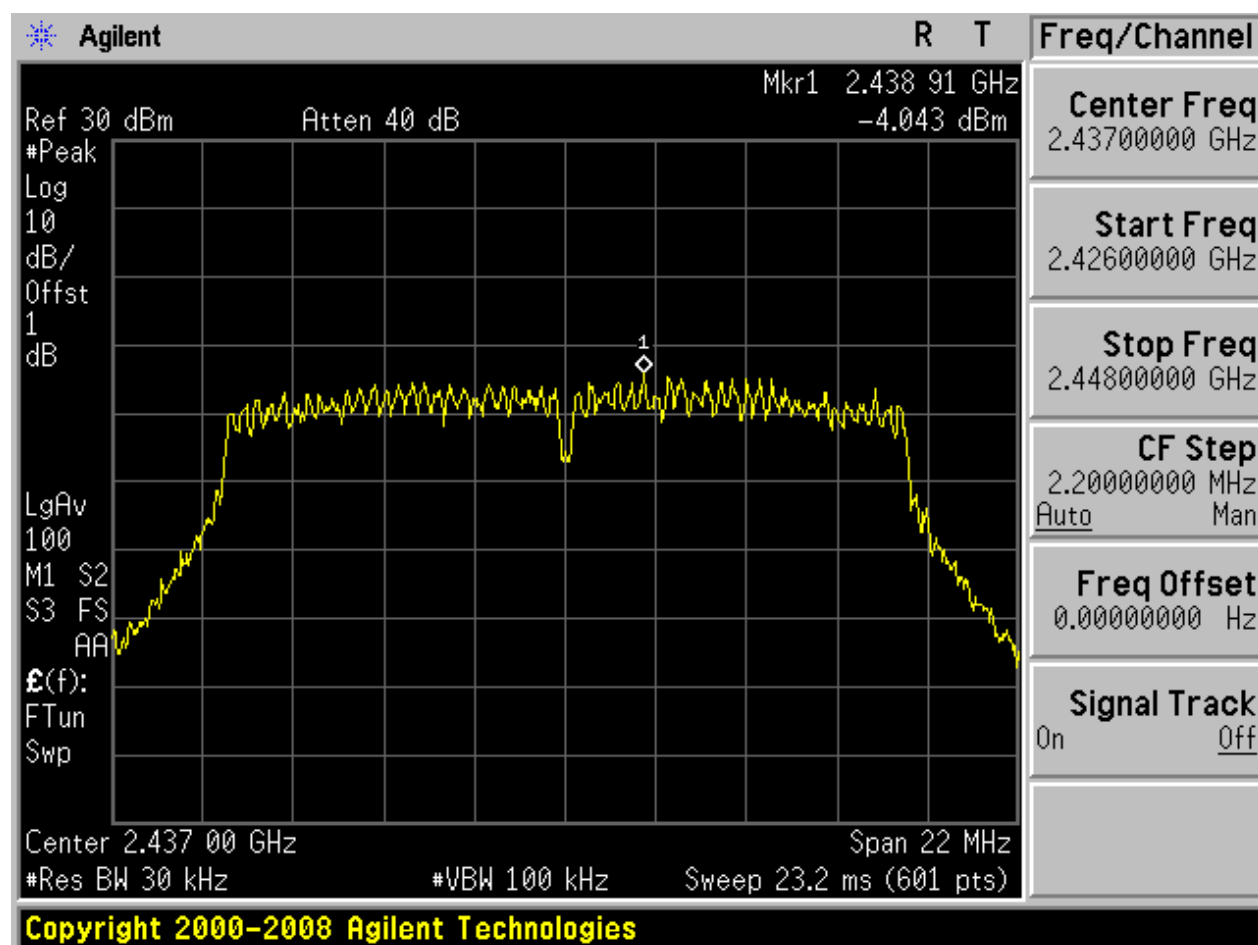


2.9 11G_M@Ant 1



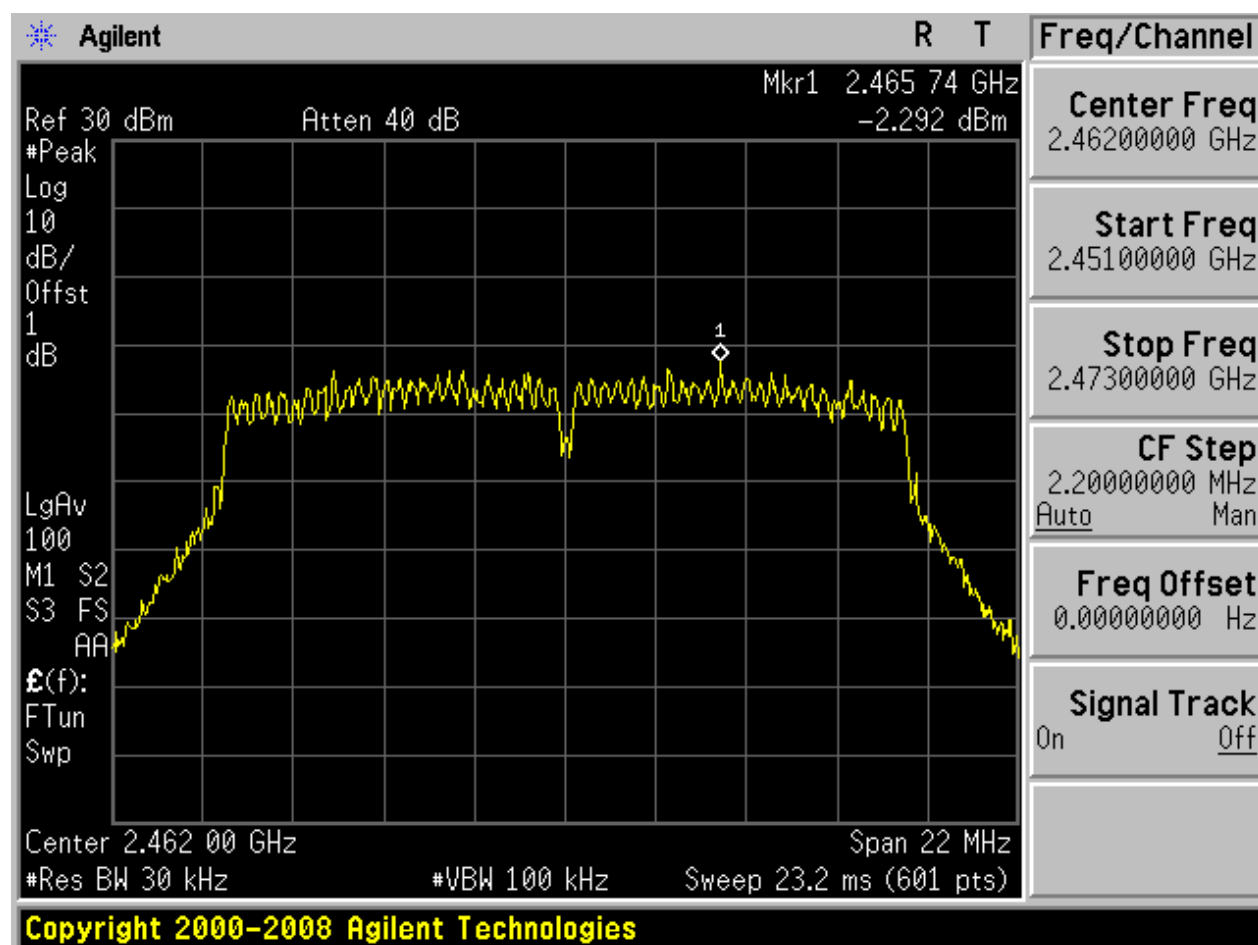


2.10 11G_M@Ant 2

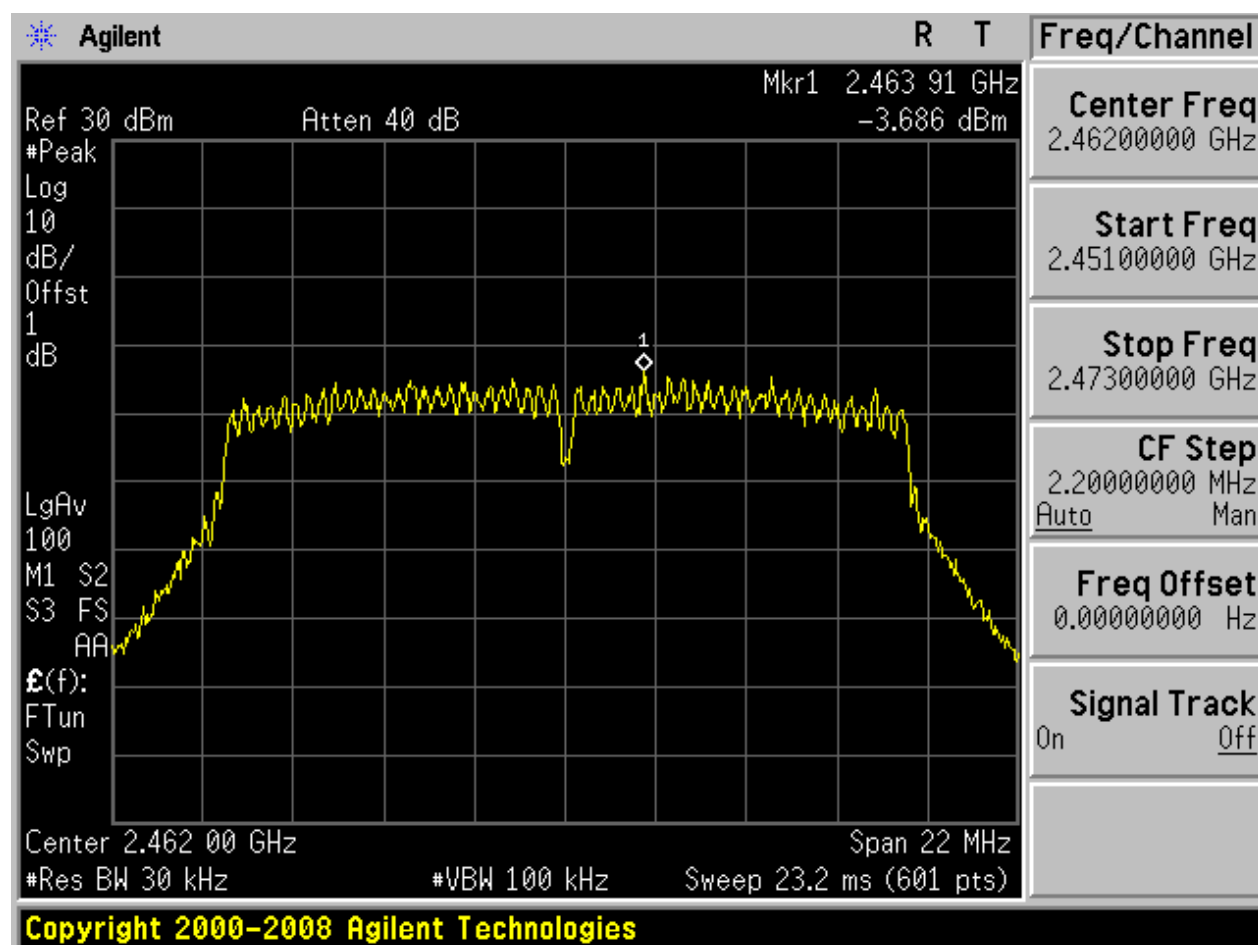




2.11 11G_H@Ant 1

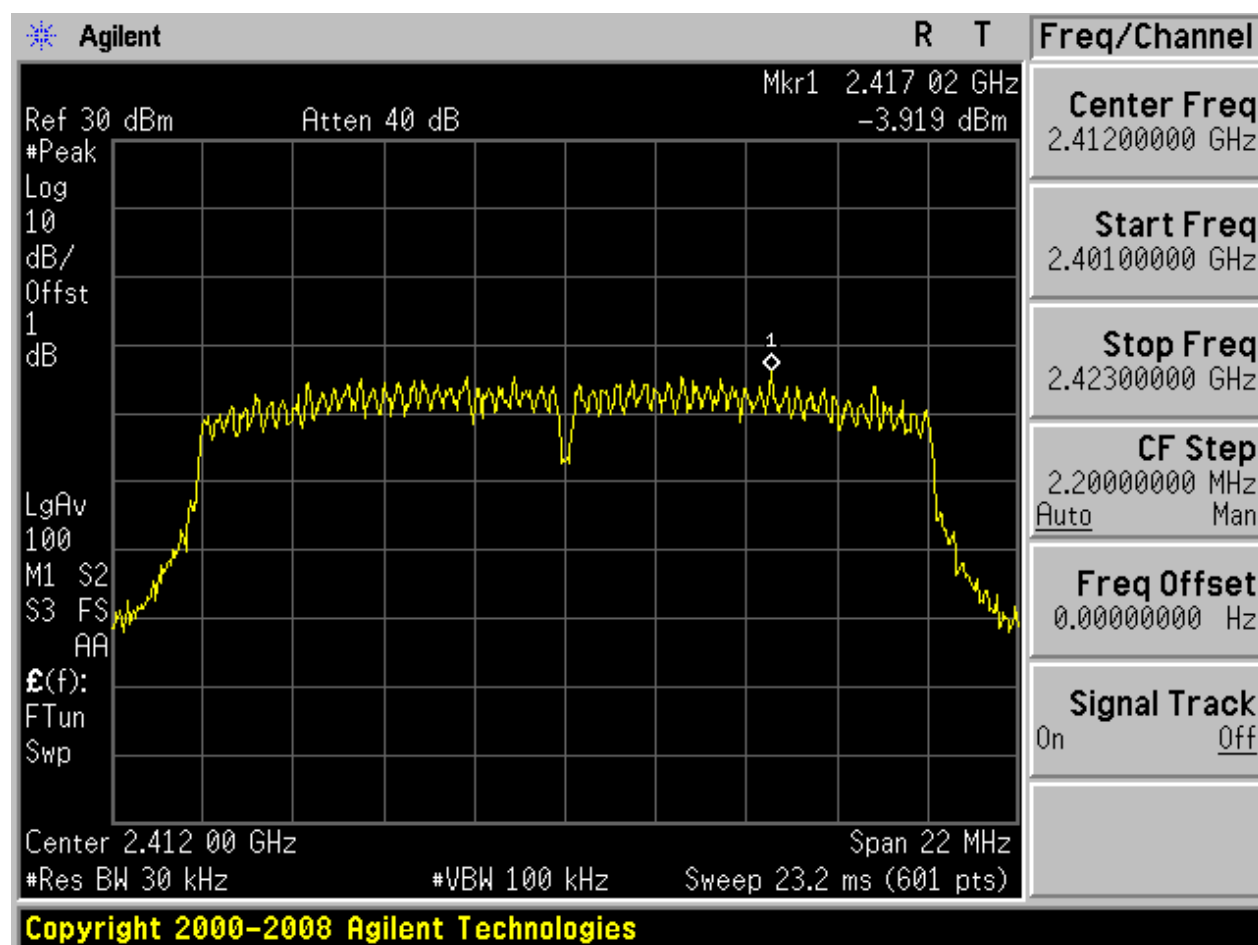


2.12 11G_H@Ant 2



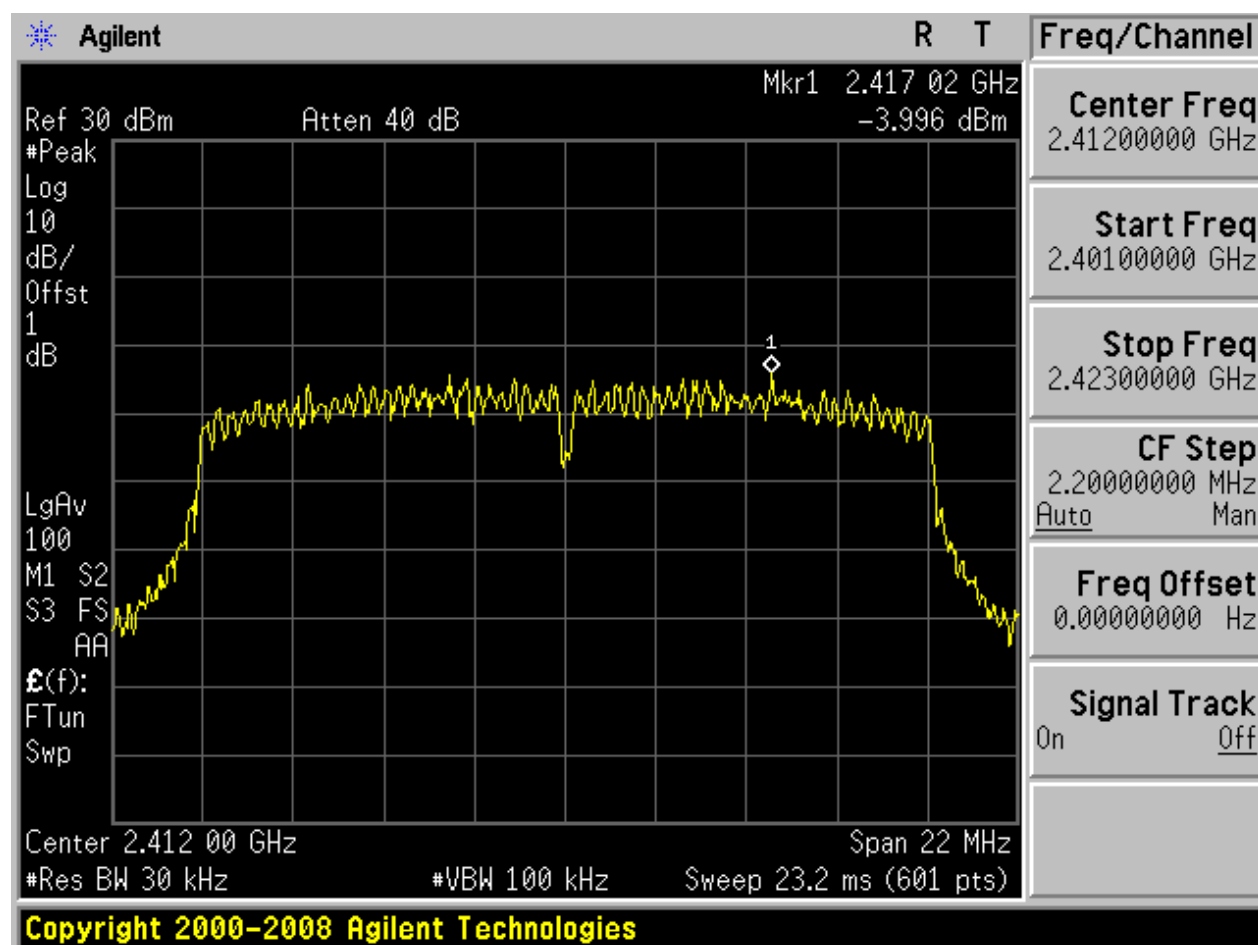


2.13 11N20_L@Ant 1



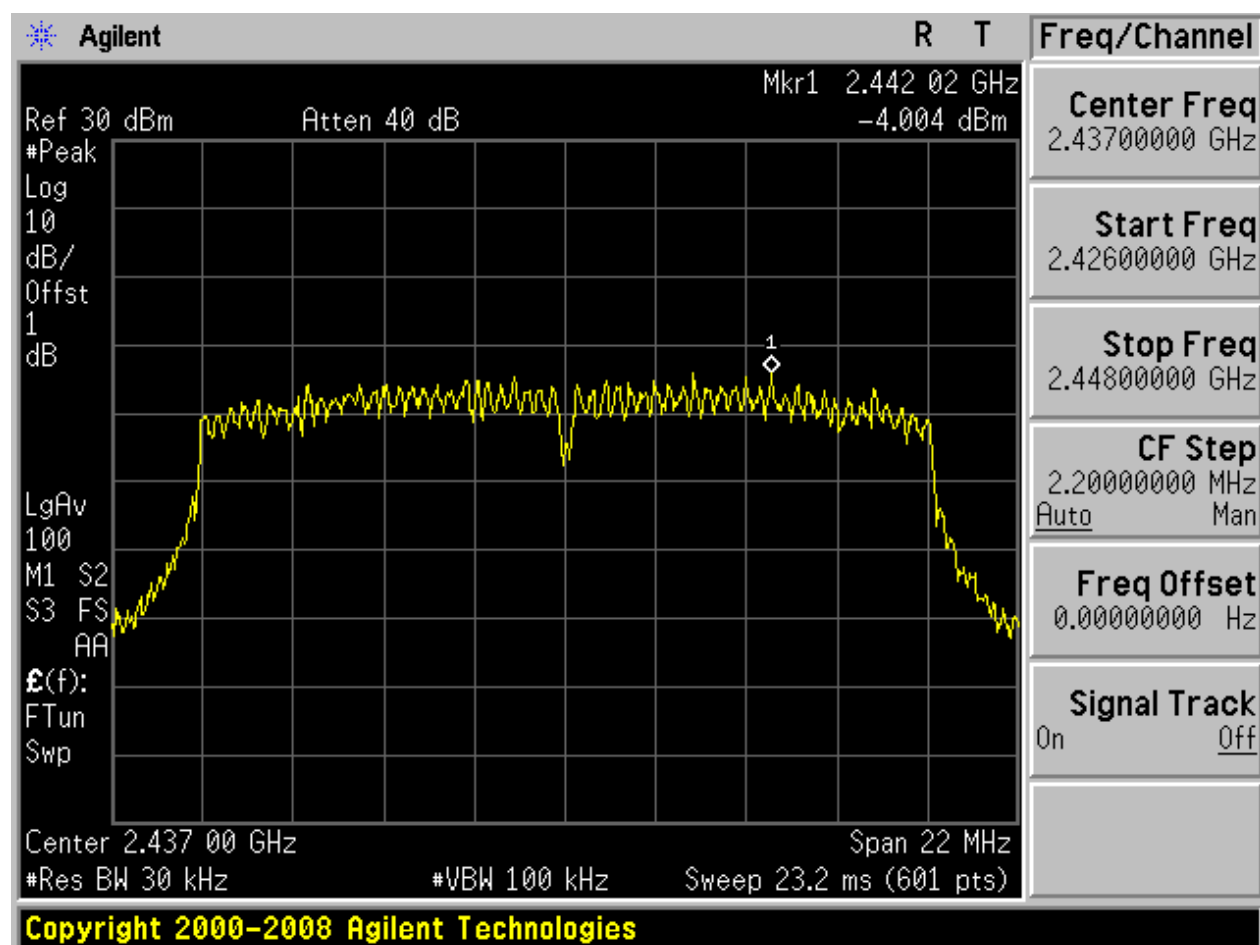


2.14 11N20_L@Ant 2



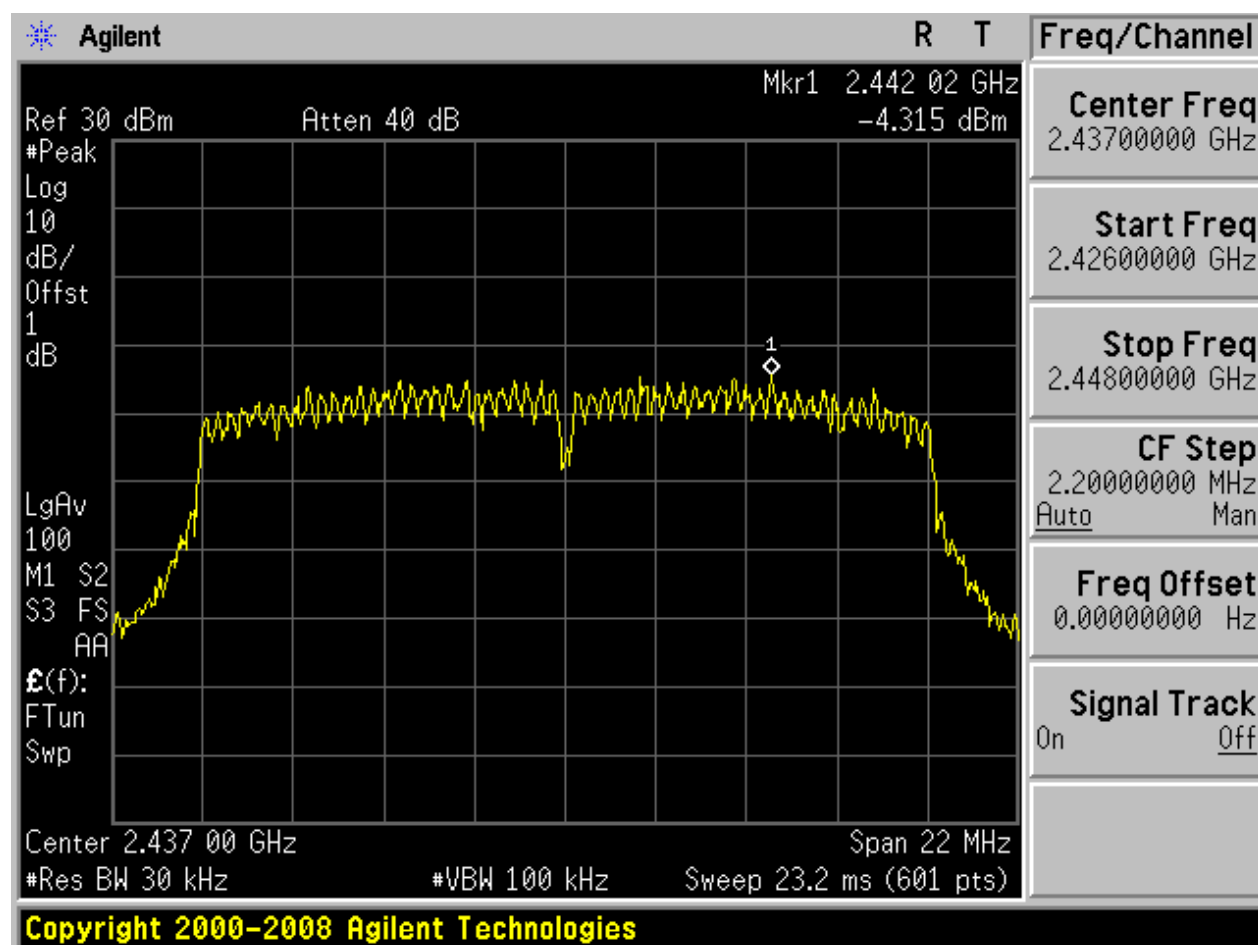


2.15 11N20_M@Ant 1



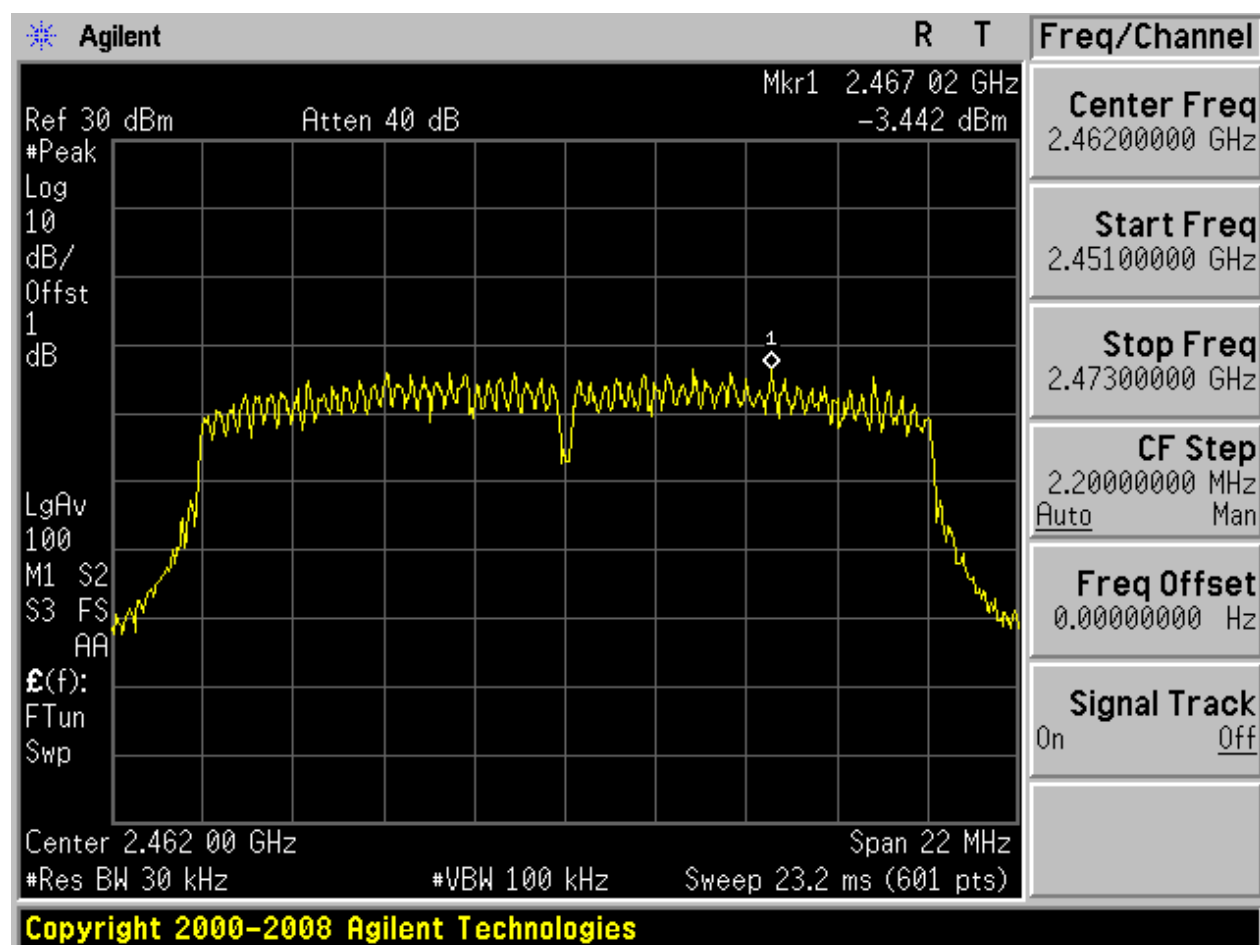


2.16 11N20_M@Ant 2

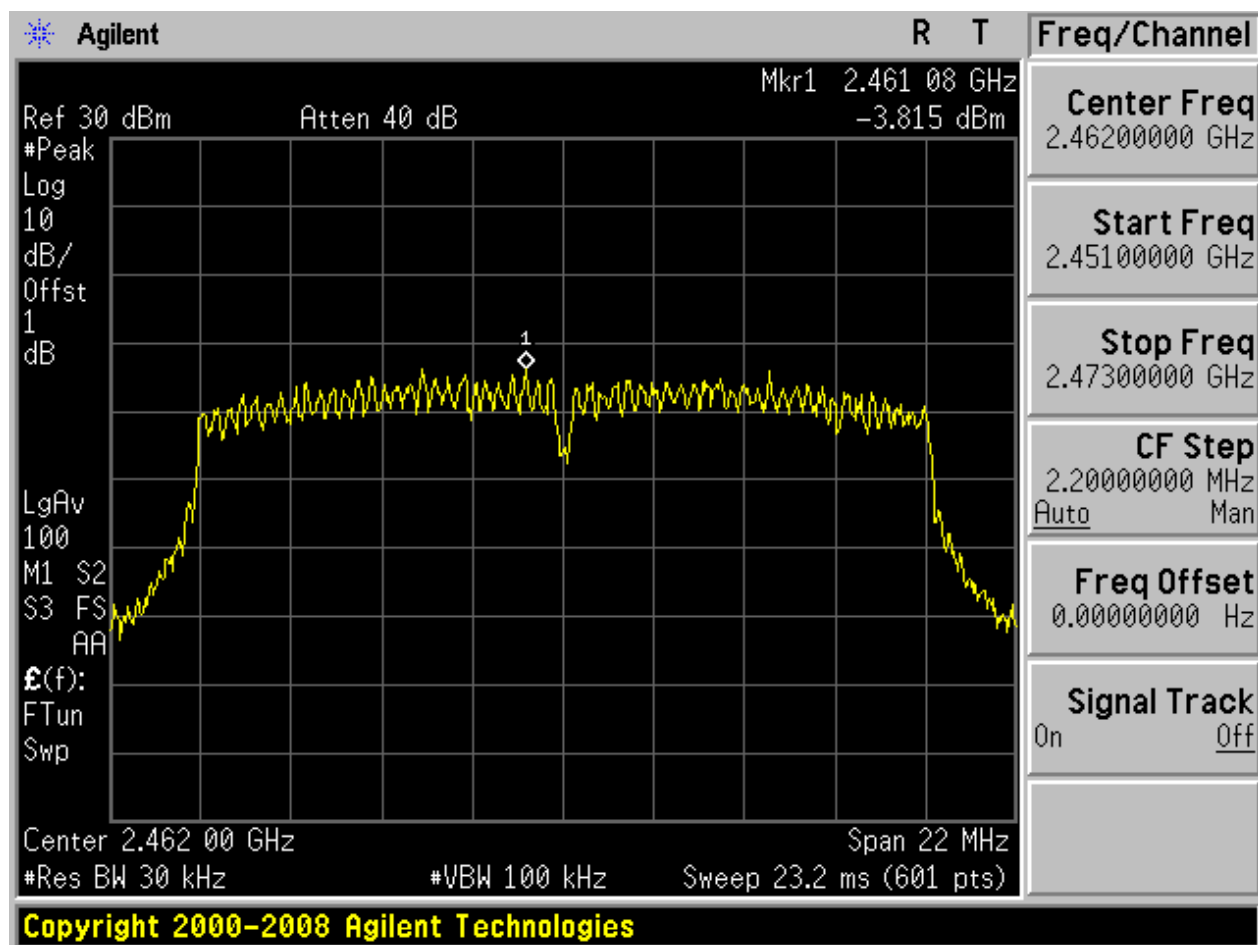




2.17 11N20_H@Ant 1

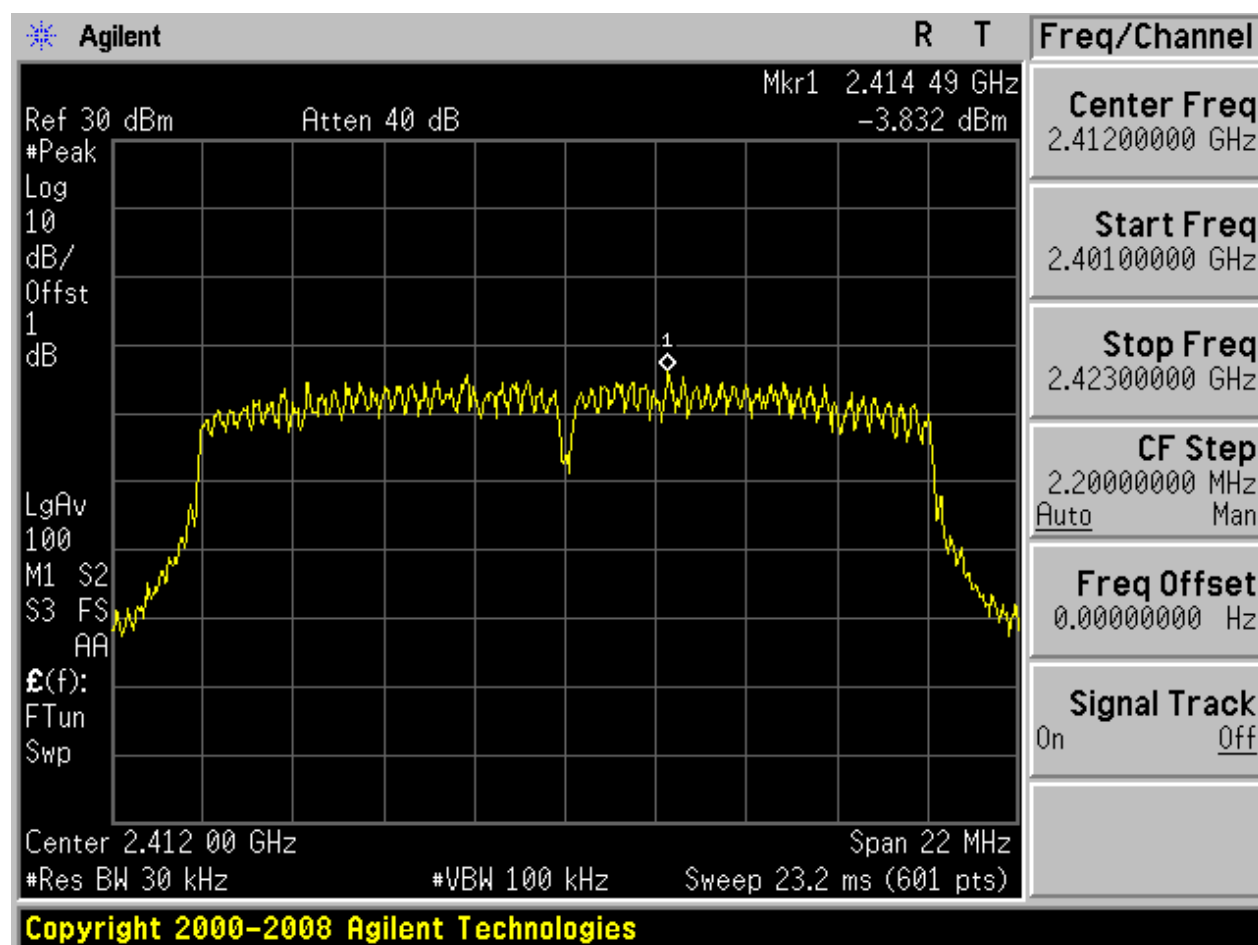


2.18 11N20_H@Ant 2

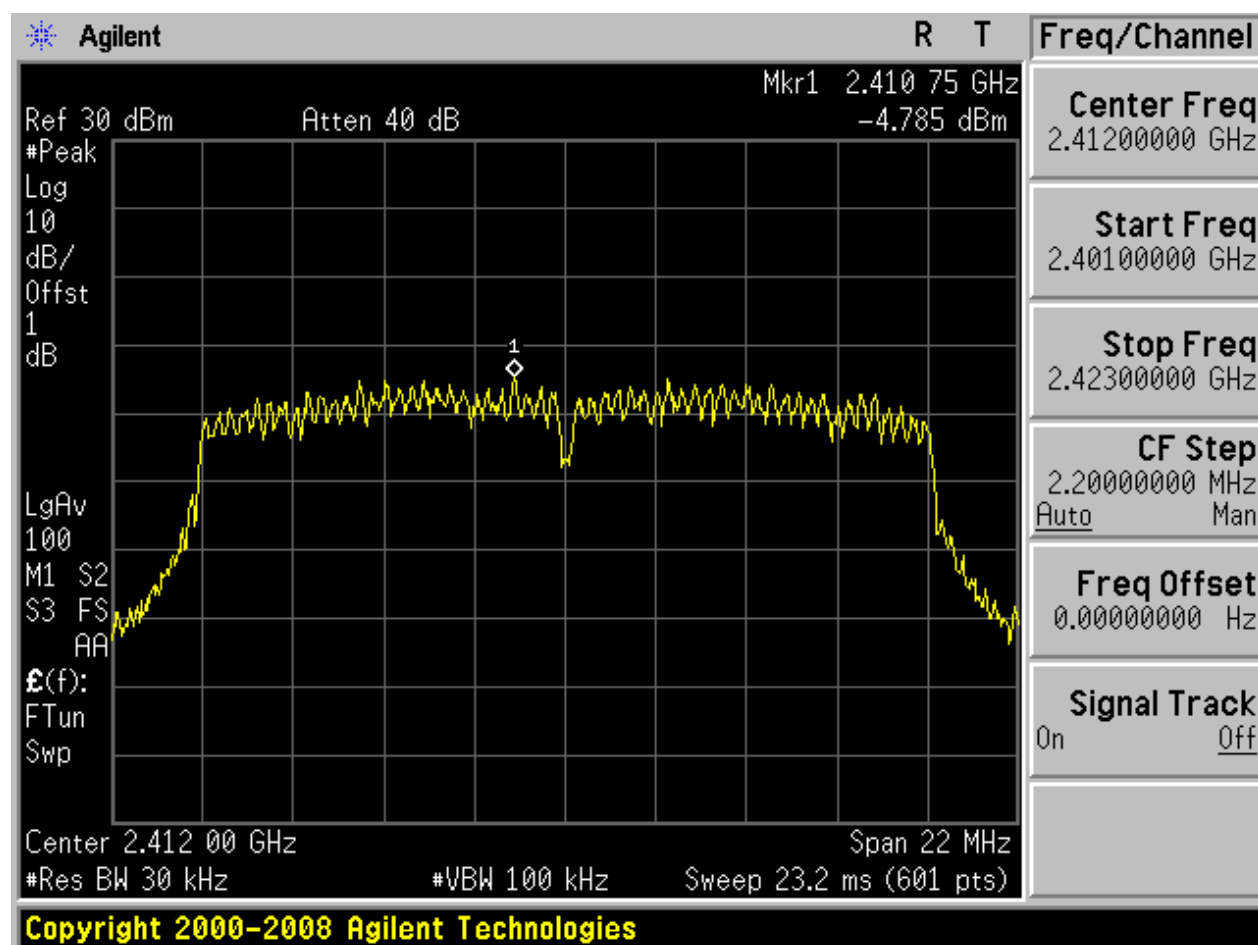




2.19 11N20m_L@Ant 1

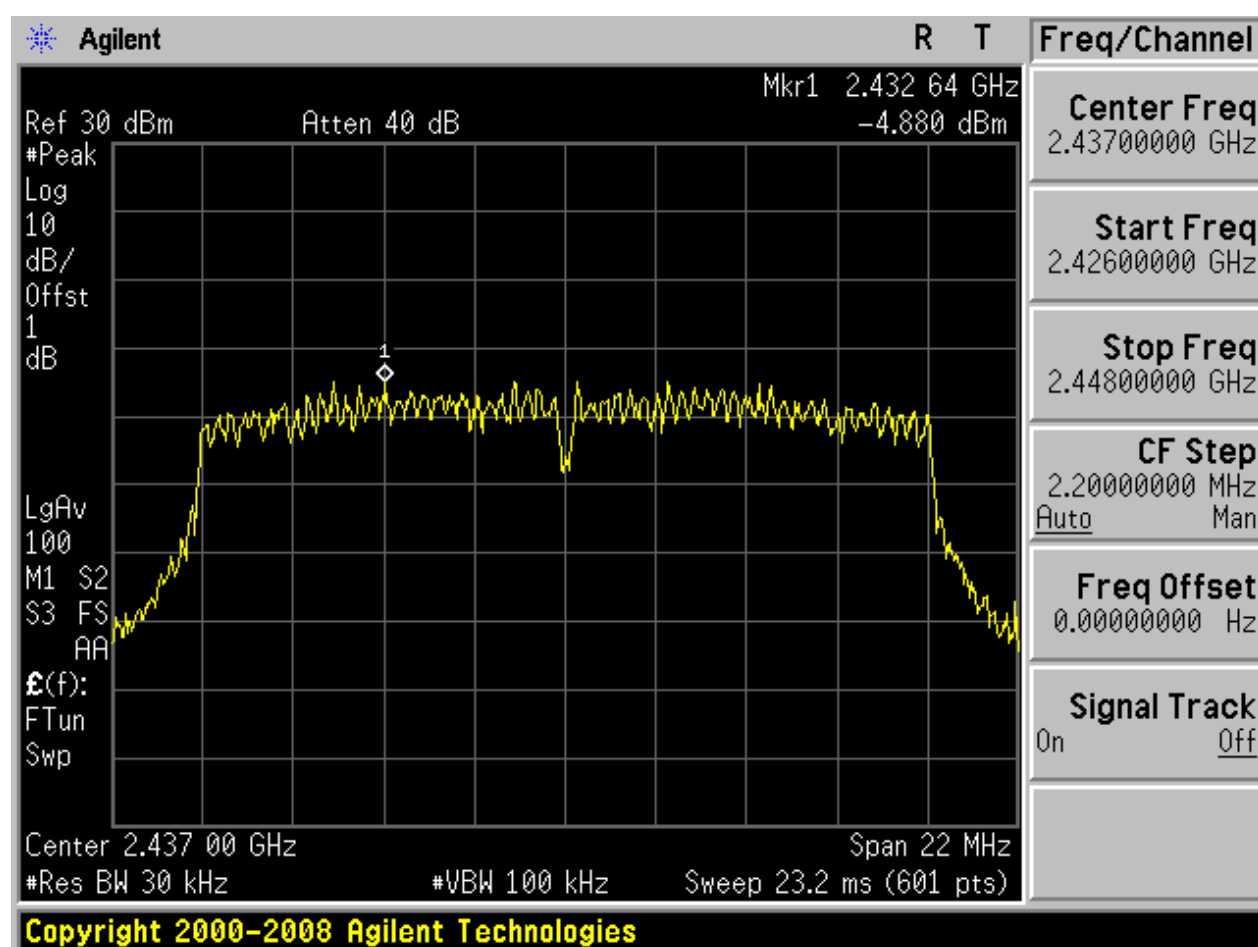


2.20 11N20m_L@Ant 2

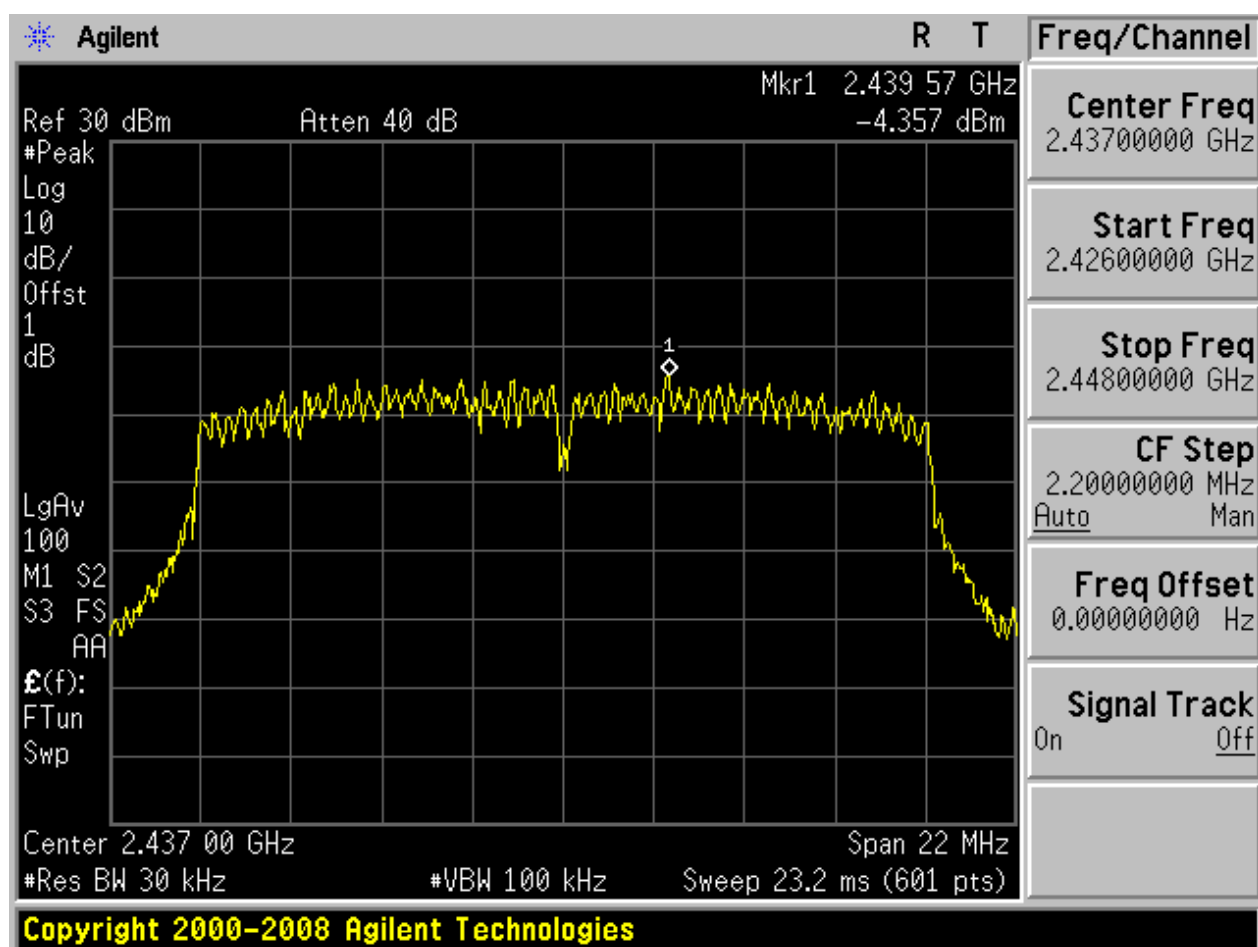




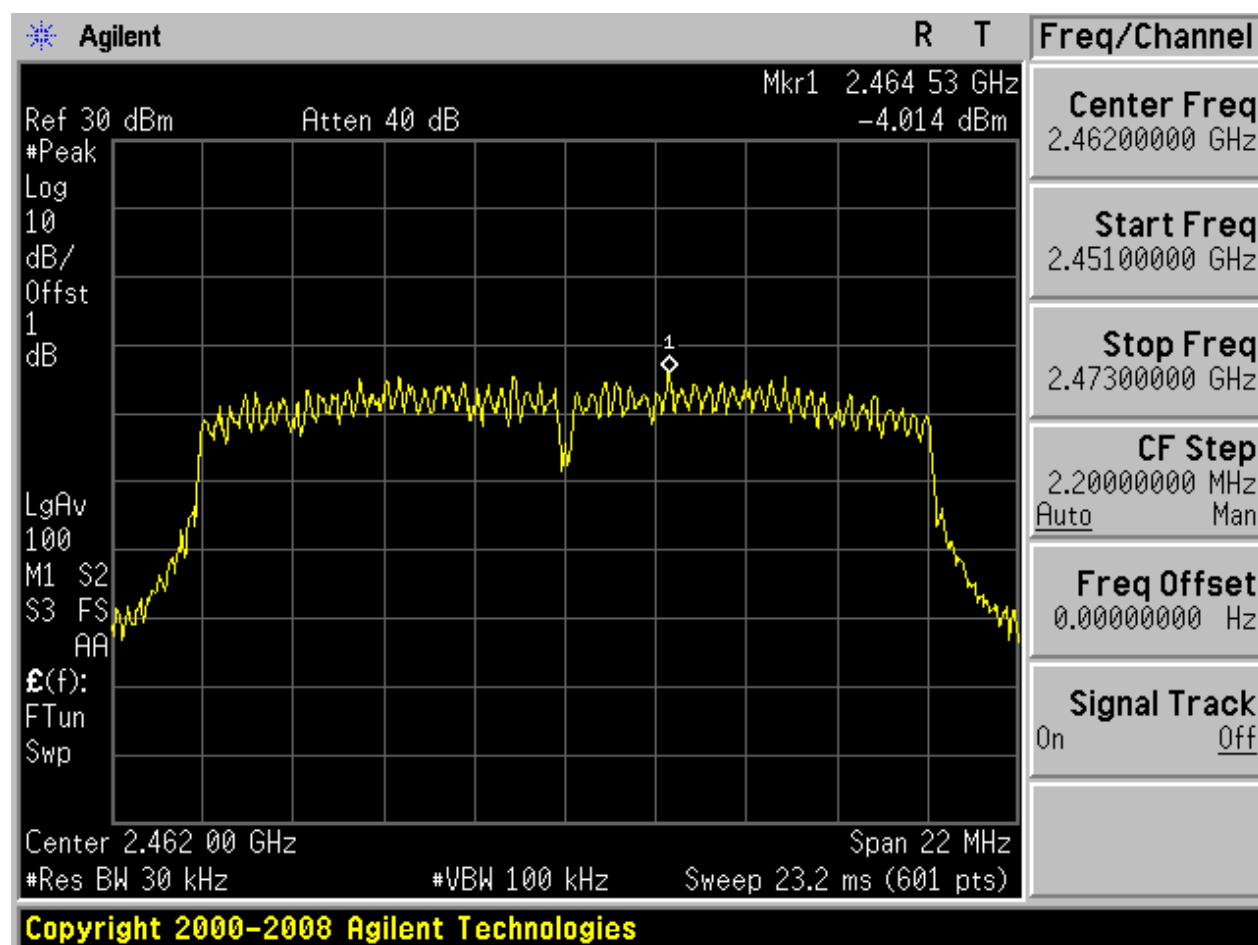
2.22 11N20m_M@Ant 1



2.21 11N20m_M@Ant 2

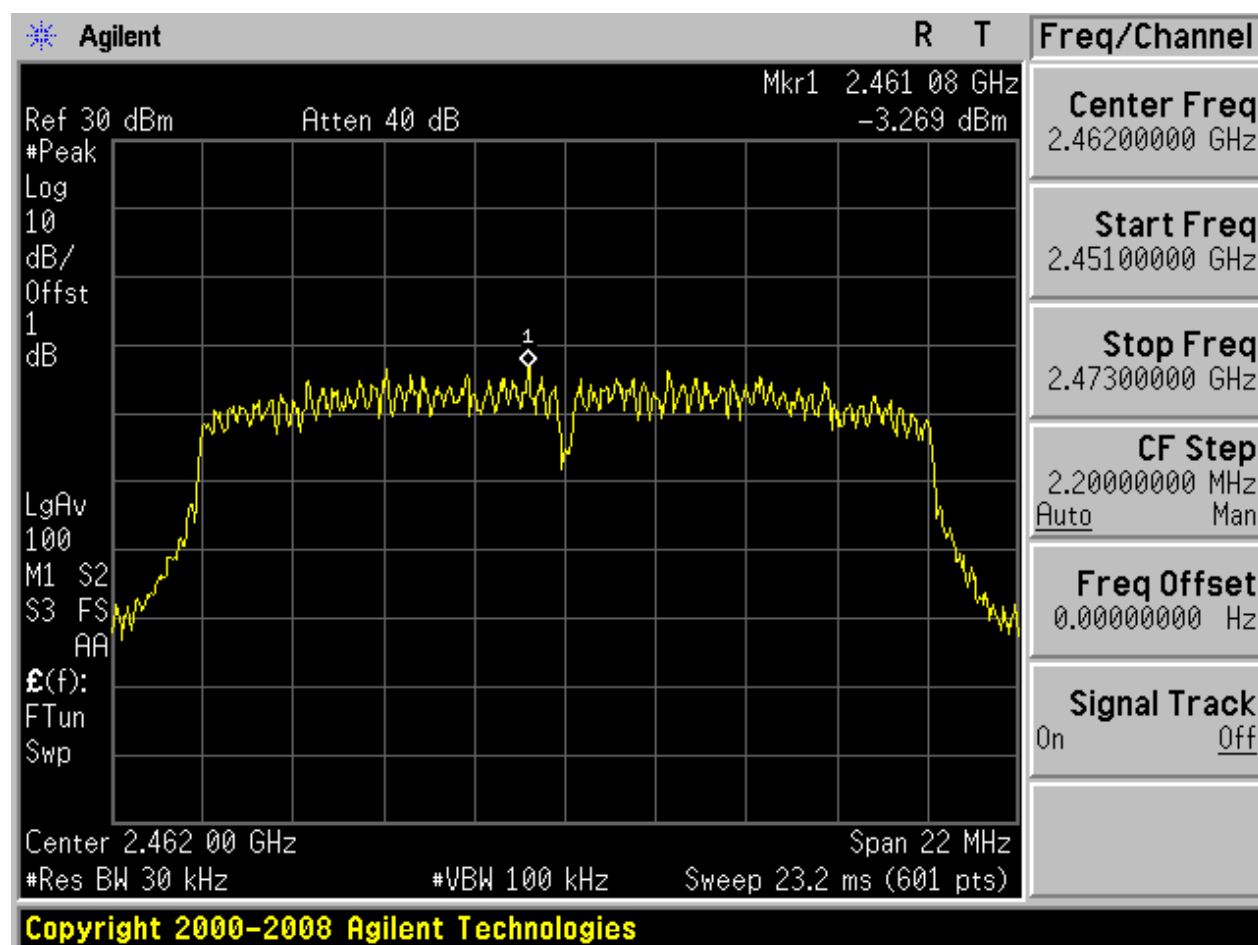


2.23 11N20m_H@Ant 1



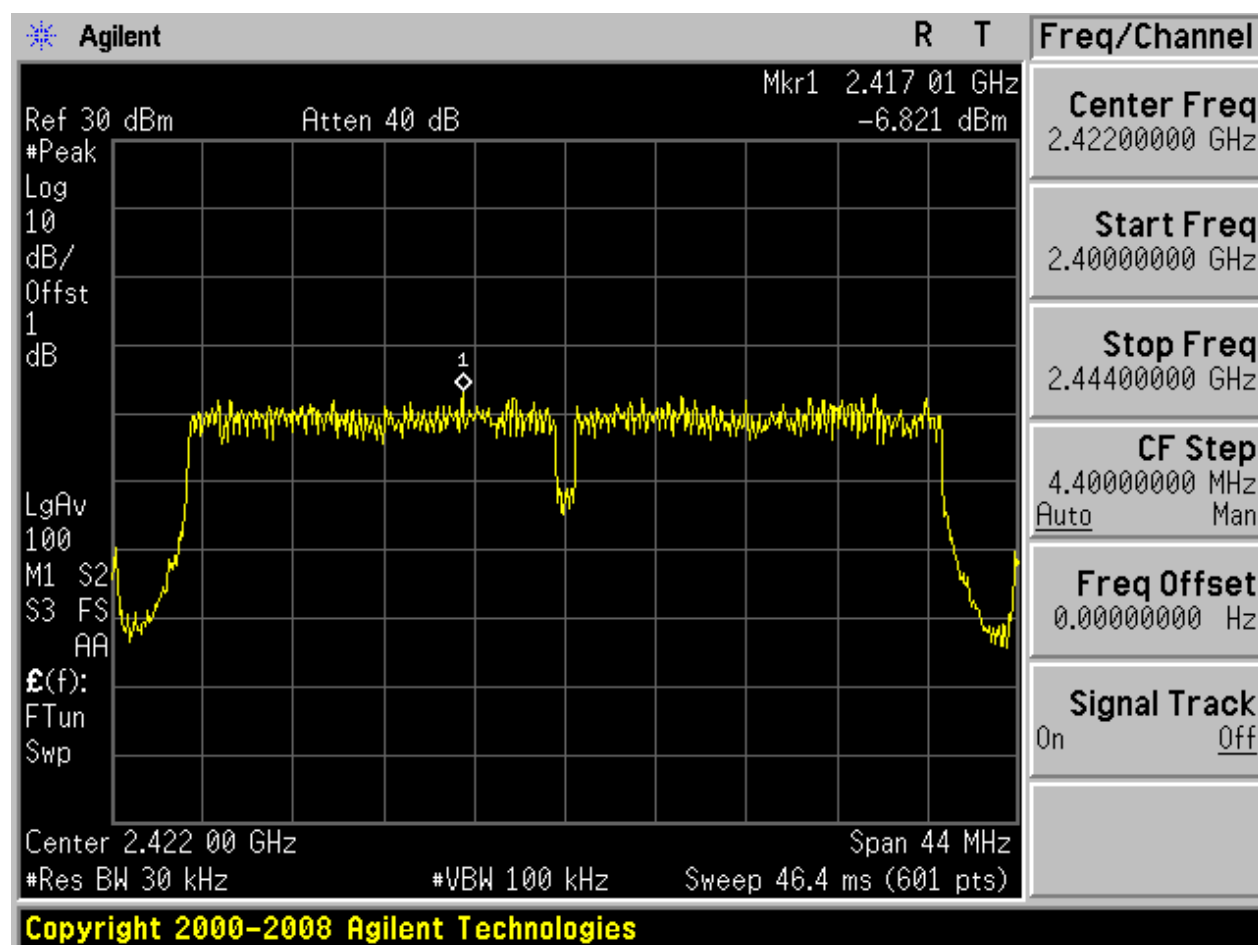


2.24 11N20m_H@Ant 2

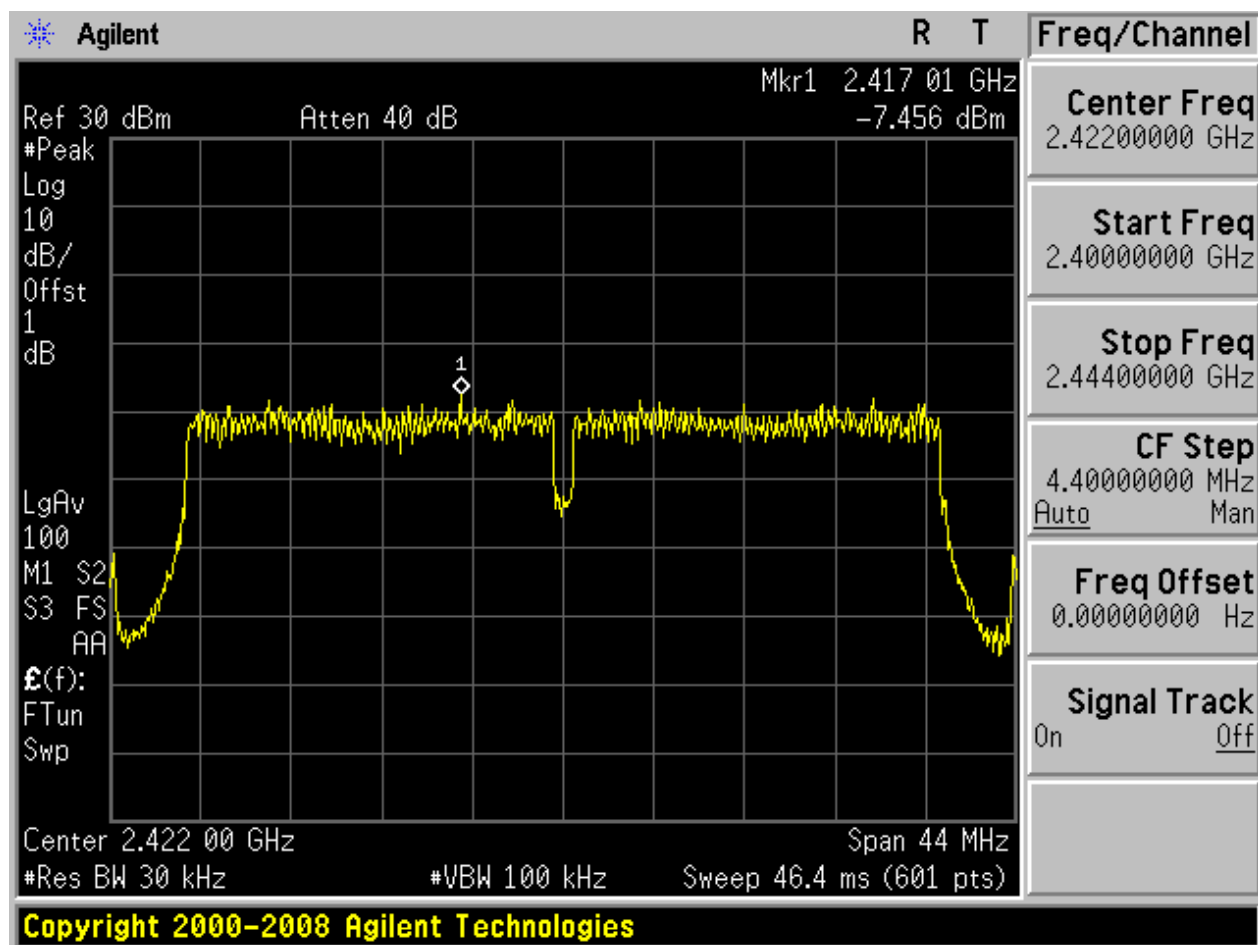




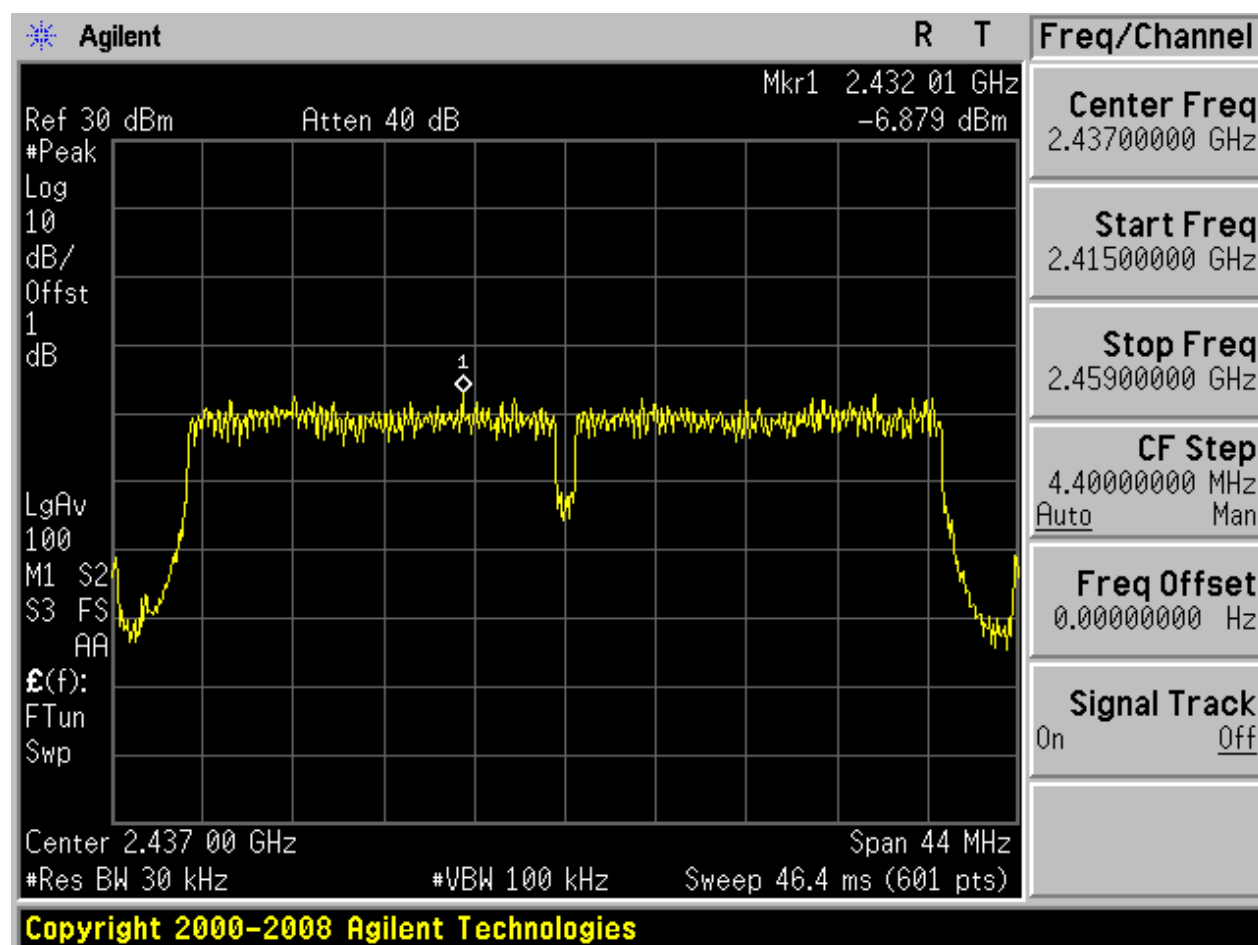
2.25 11N40_L@Ant 1



2.26 11N40_L@Ant 2

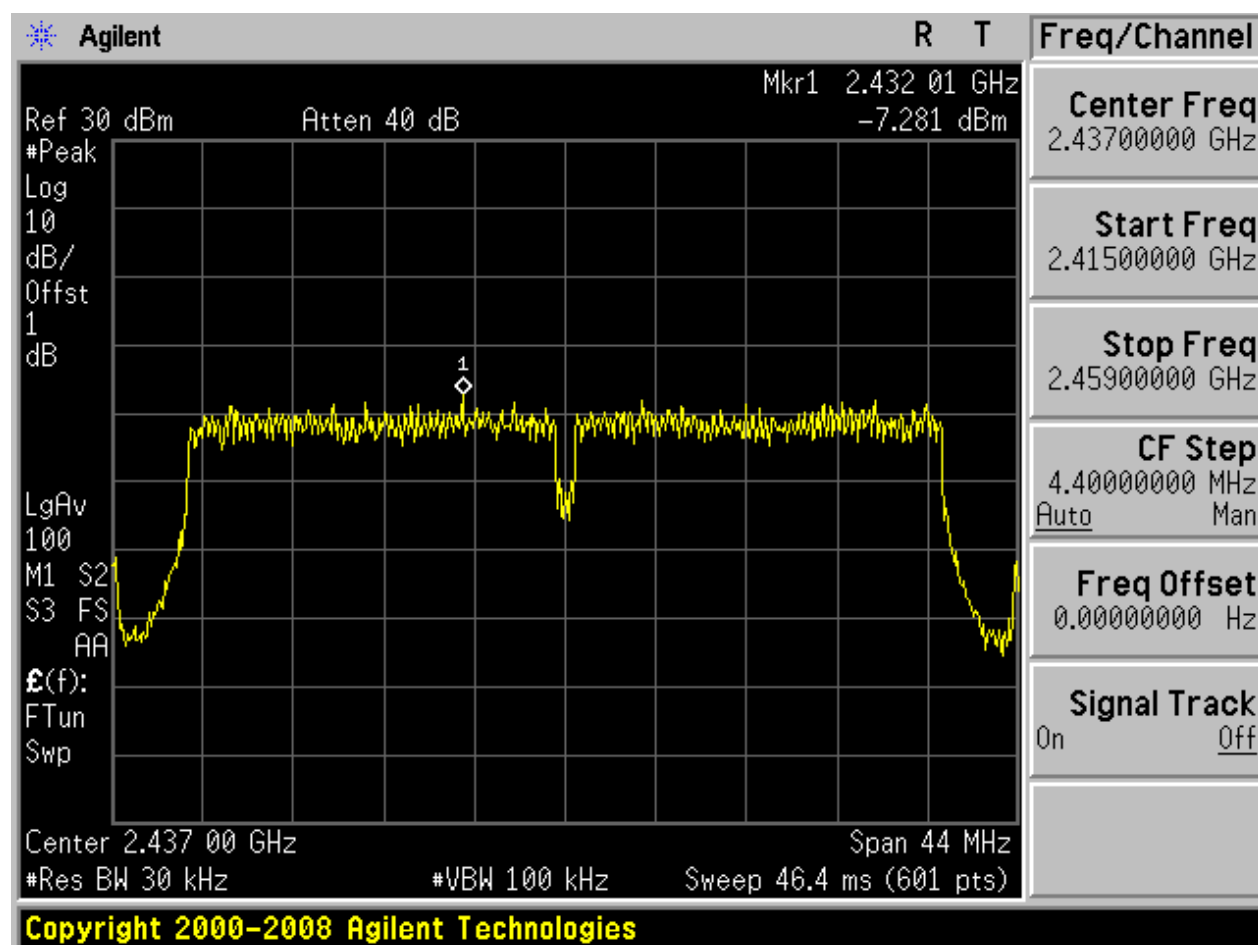


2.27 11N40_M@Ant 1



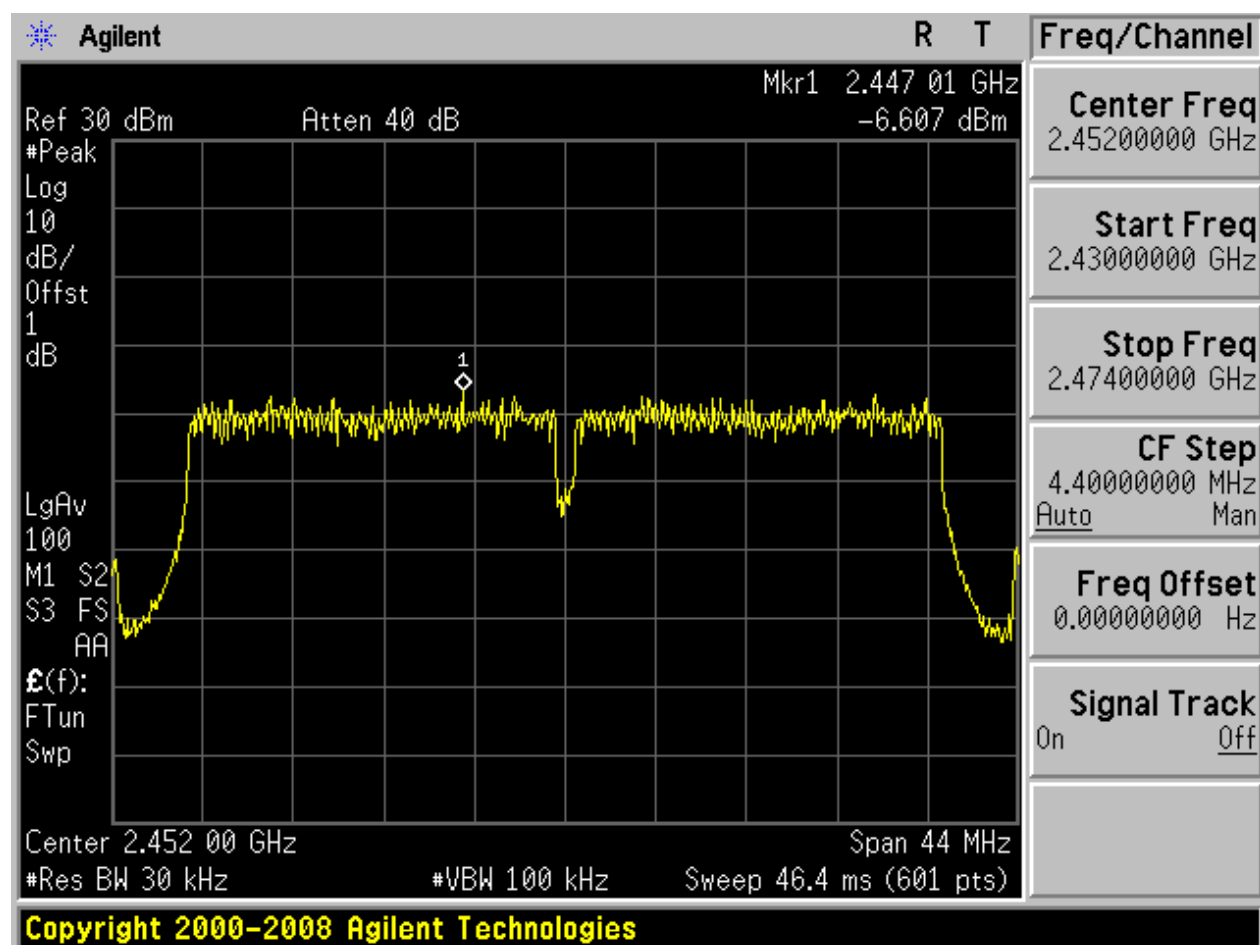


2.28 11N40_M@Ant 2



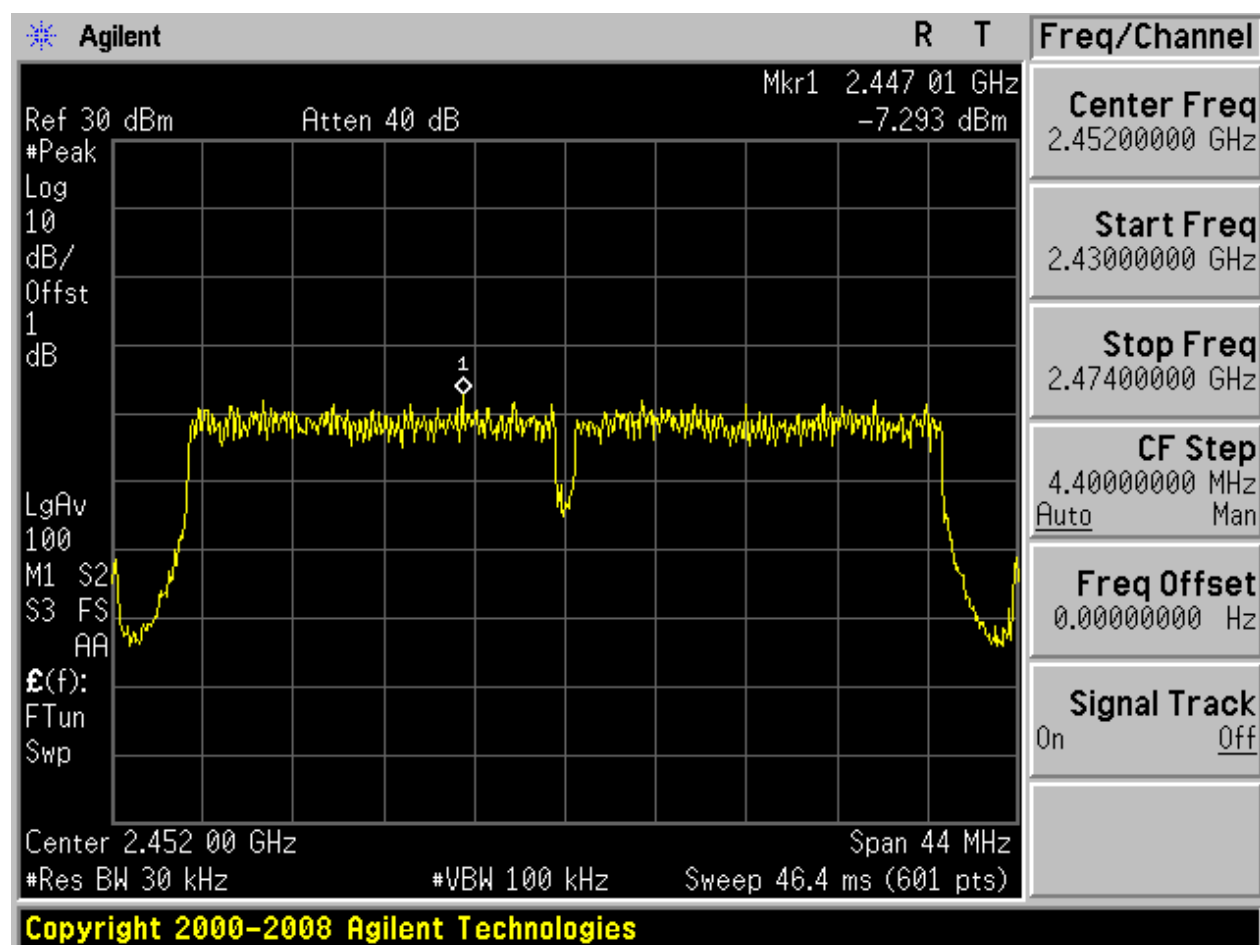


2.29 11N40_H@Ant 1



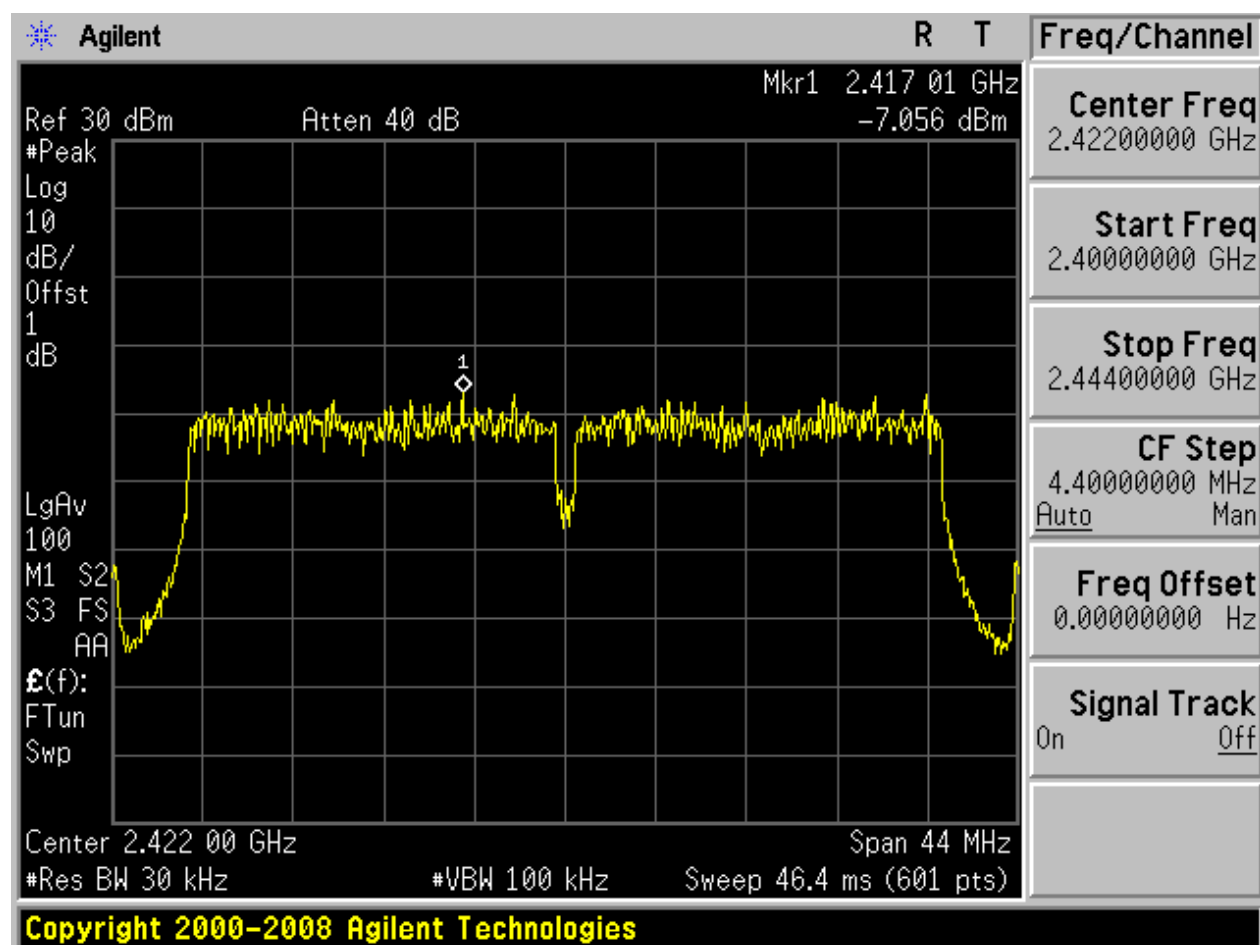


2.30 11N40_H@Ant 2



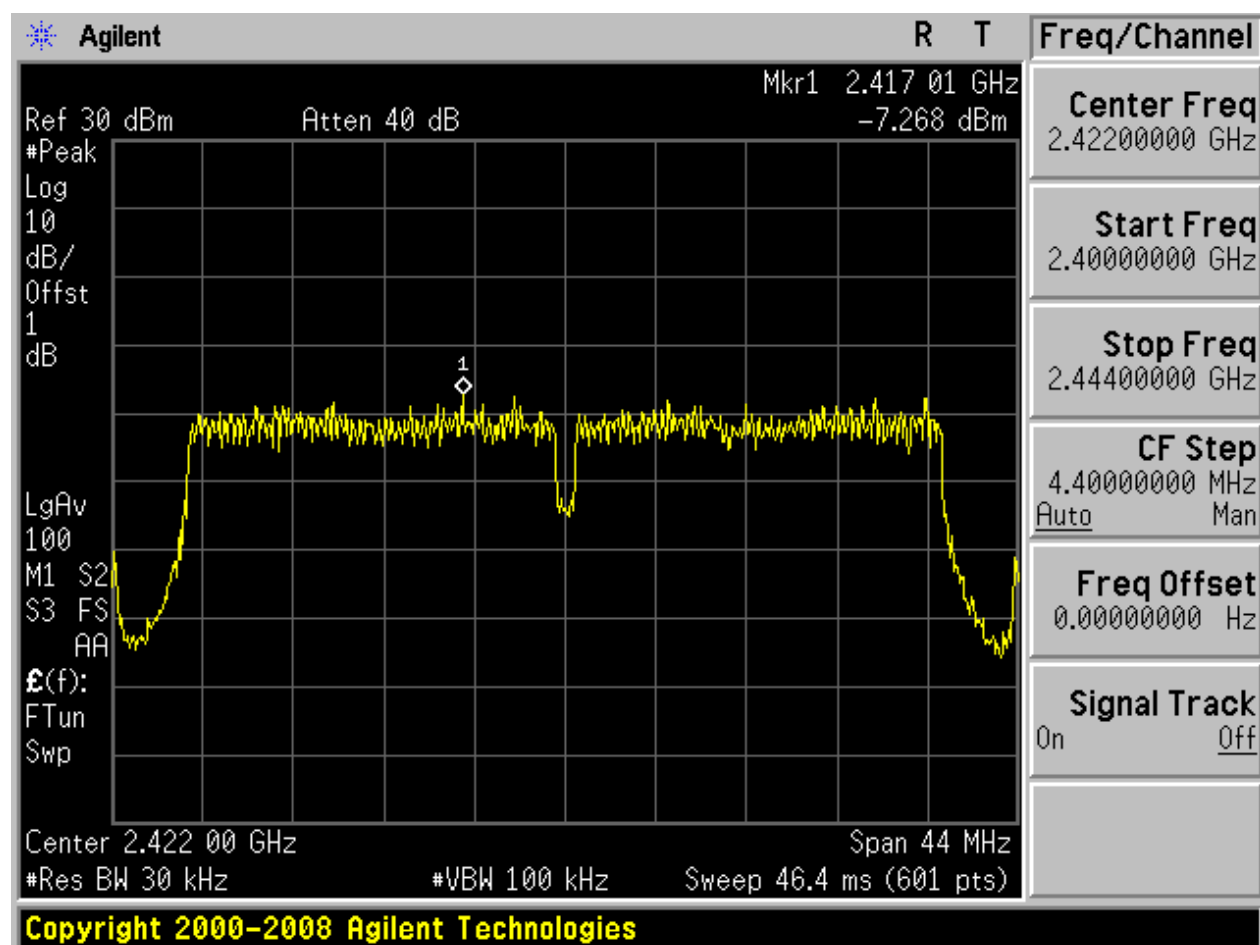


2.31 11N40m_L@Ant 1

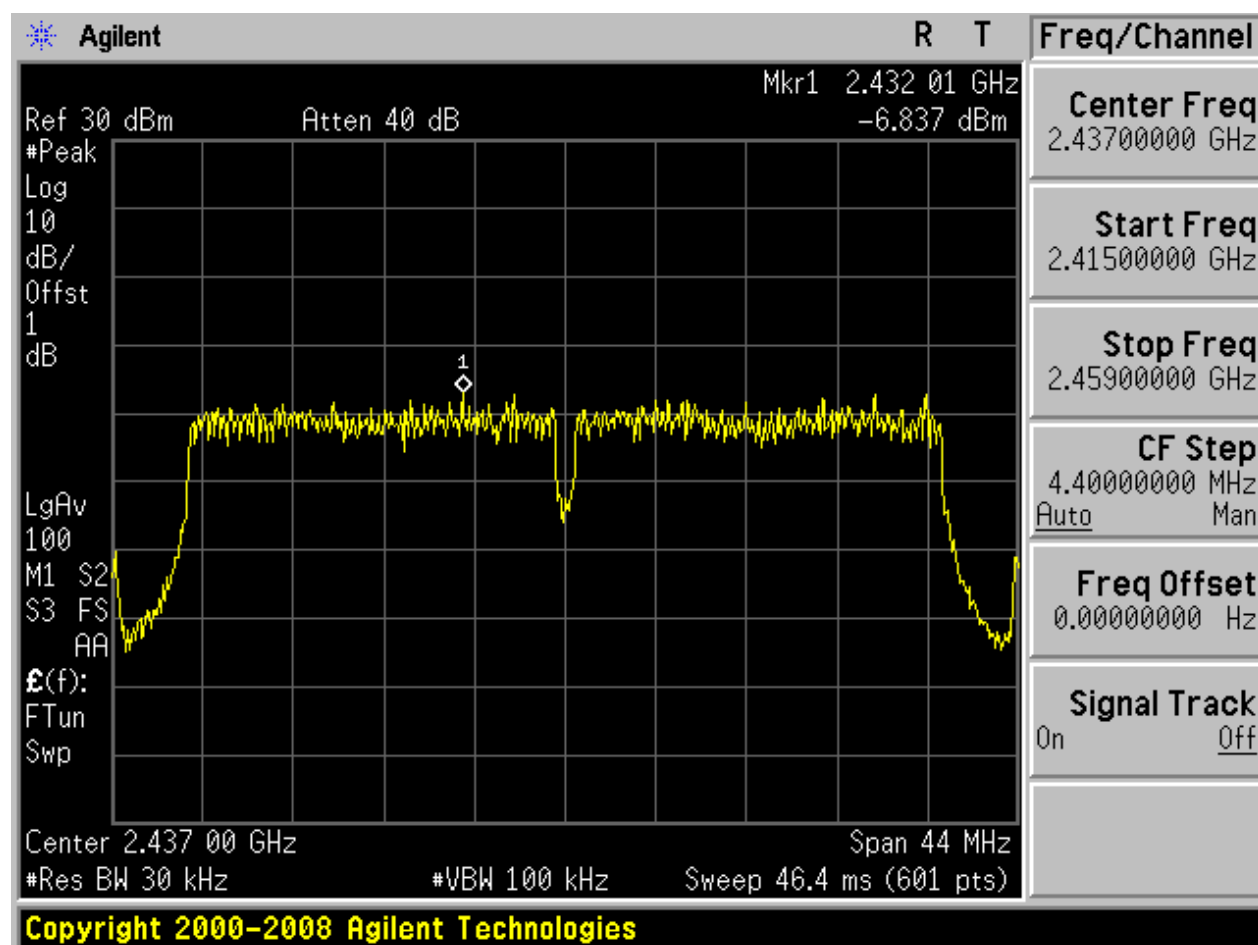




2.32 11N40m_L@Ant 2

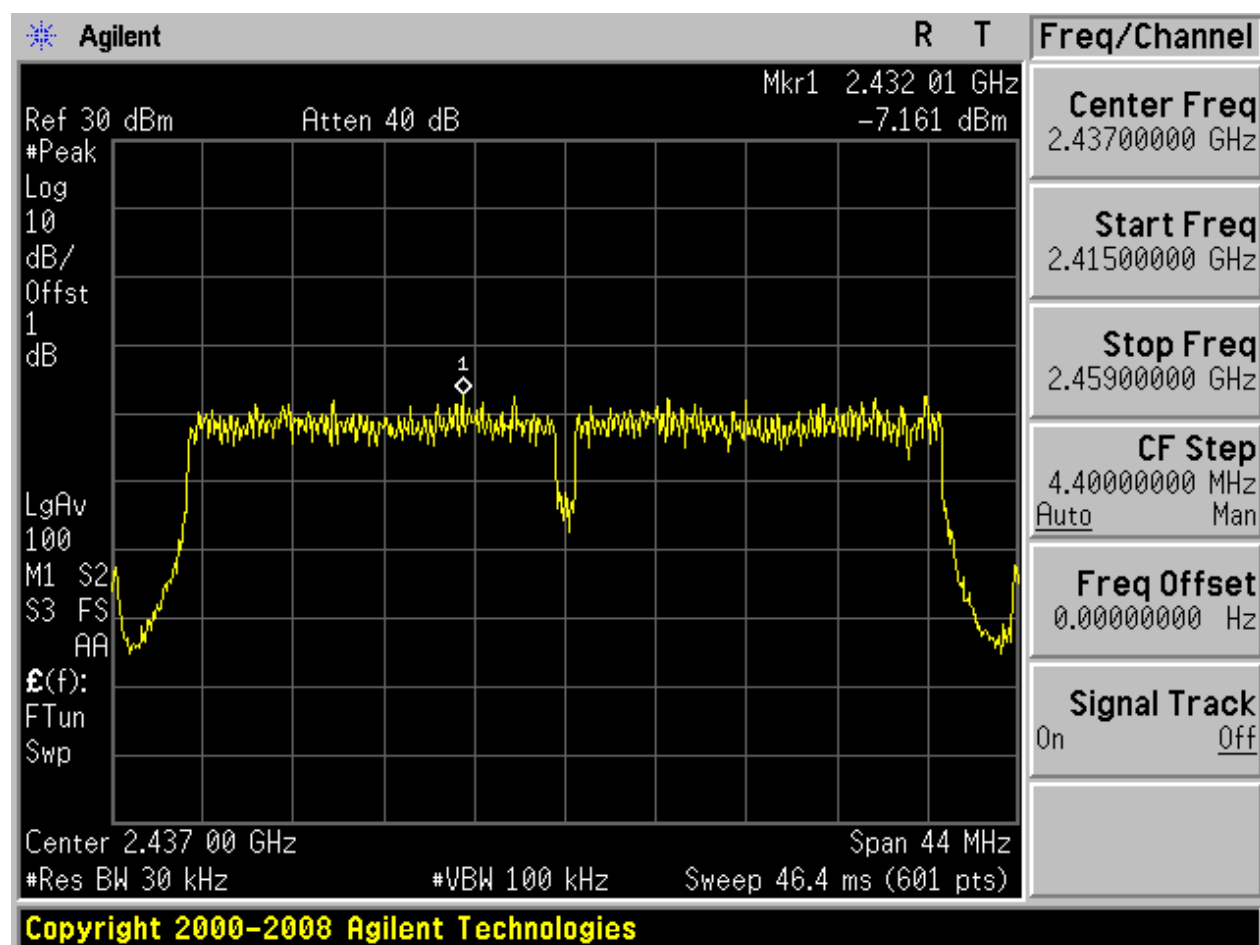


2.33 11N40m_M@Ant 1



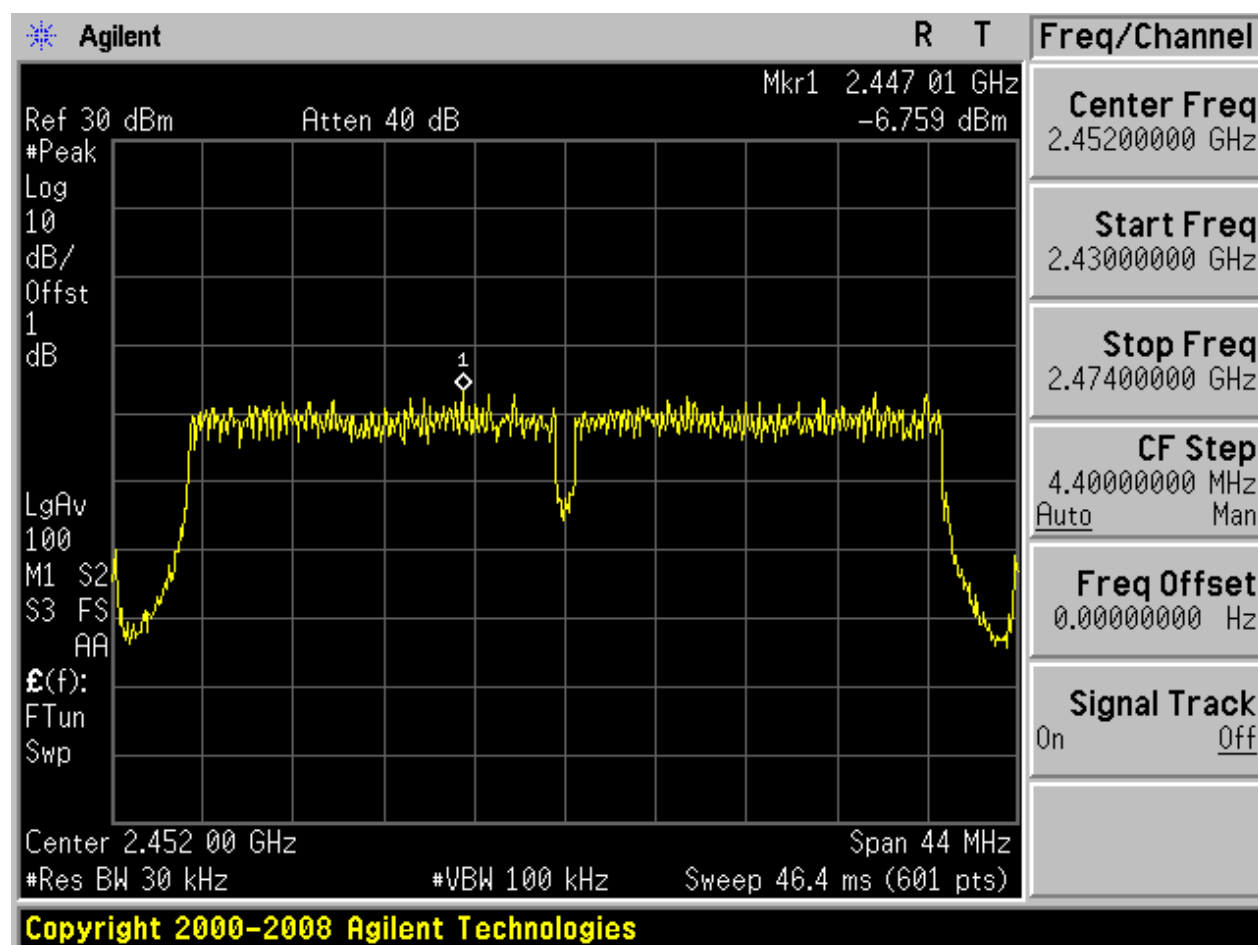


2.34 11N40m_M@Ant 2



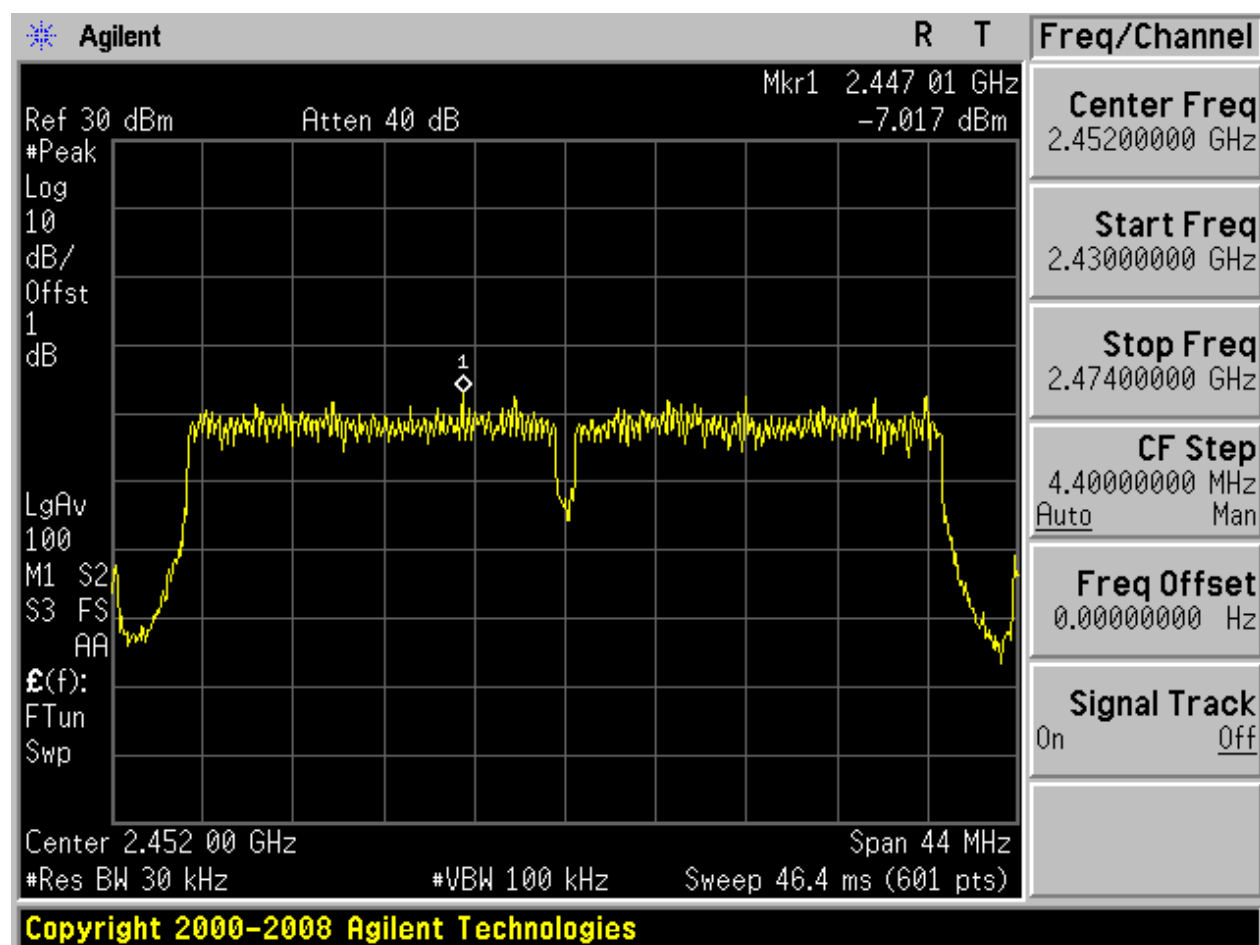


2.35 11N40m_H@Ant 1





2.36 11N40m_H@Ant 2



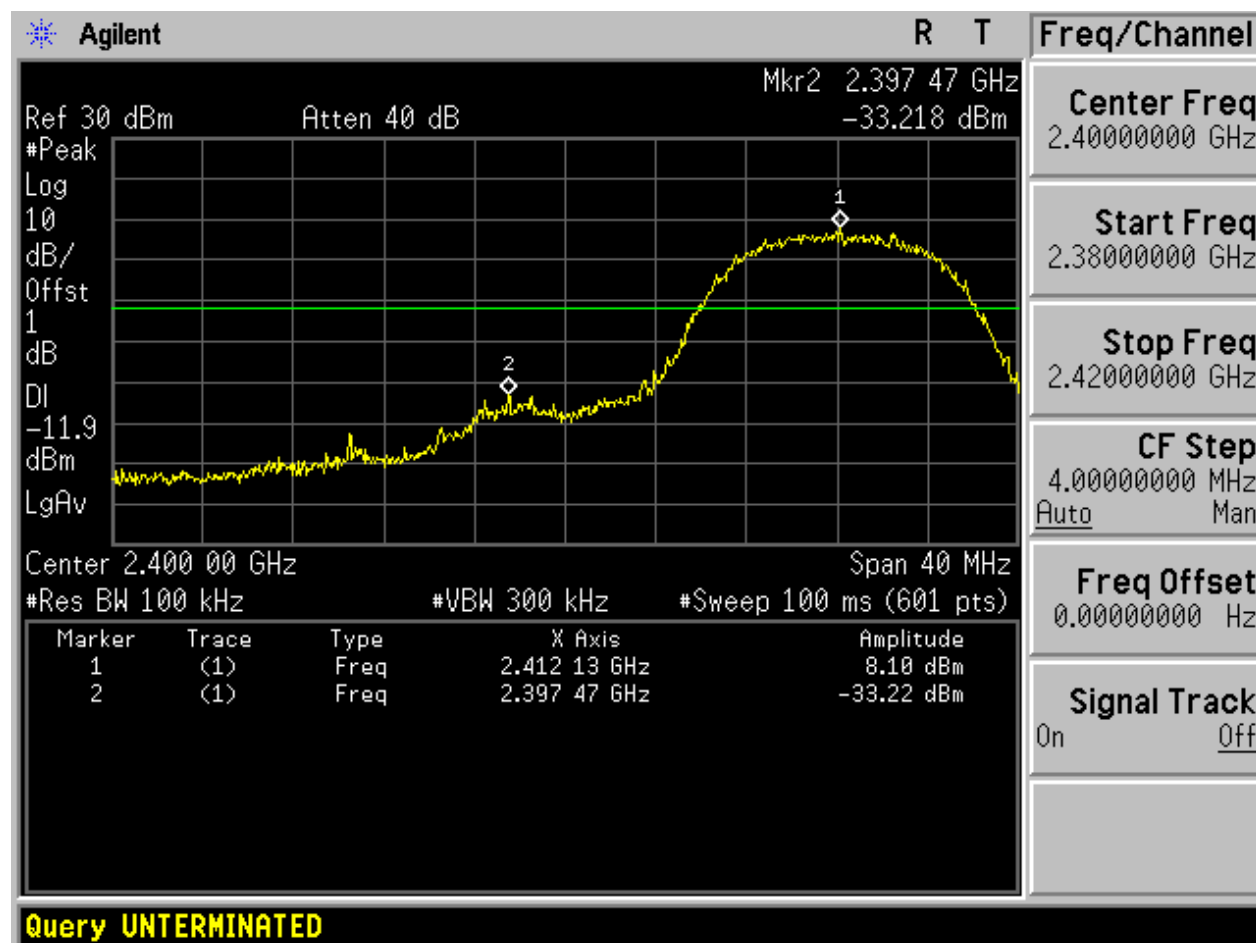
Appendix D: Band Edges Compliance

Part I - Test Results

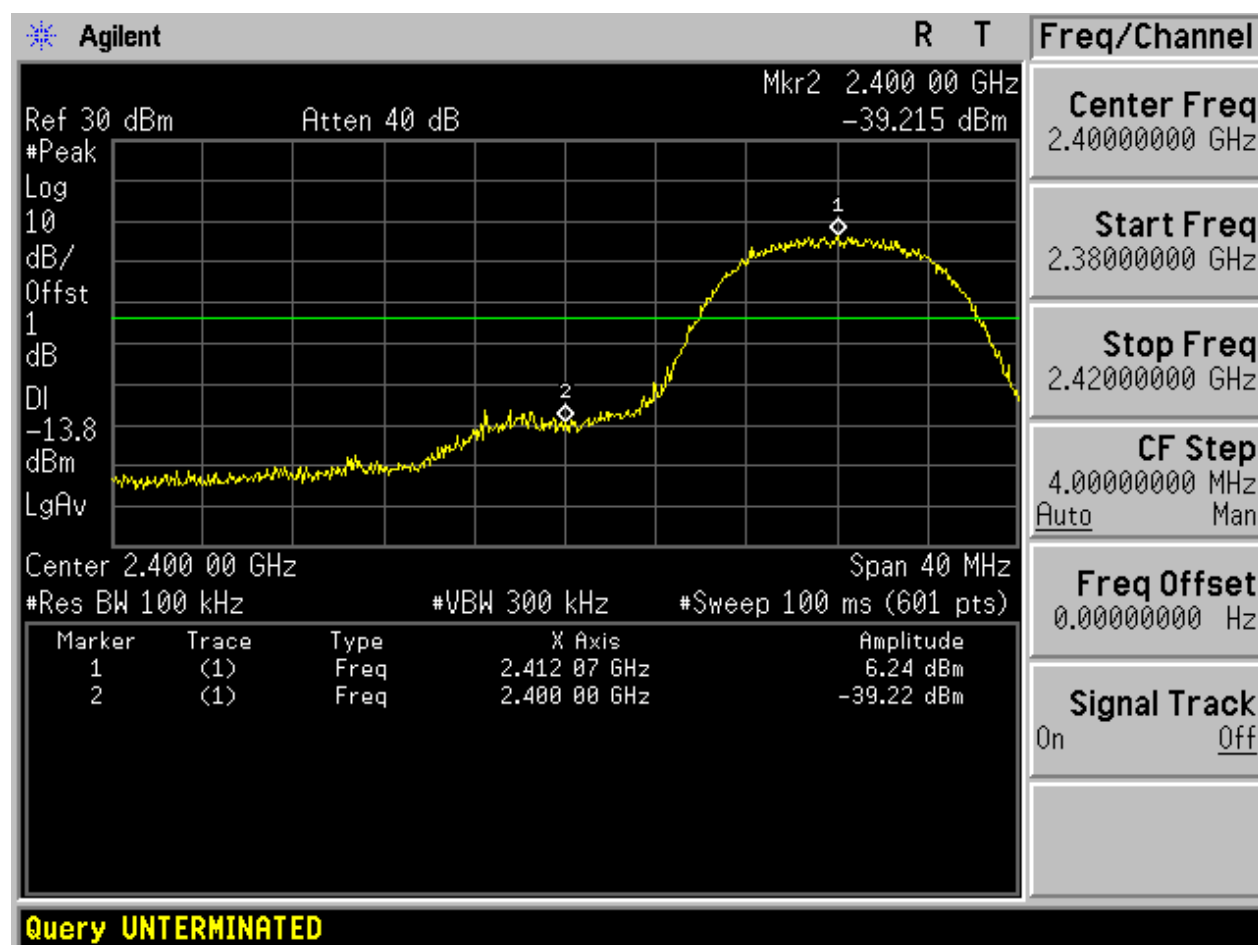
Test Mode	Test Channel	Frequency[MHz]	Ant	Carrier Power[dBm]	Max.Spurious Level[dBm]	Verdict
11B	L	2412	Ant 1	8.10	-33.22	pass
11B	L	2412	Ant 2	6.24	-39.22	pass
11B	H	2462	Ant 1	8.32	-47.44	pass
11B	H	2462	Ant 2	6.48	-47.28	pass
11G	L	2412	Ant 1	0.55	-35.18	pass
11G	L	2412	Ant 2	-0.10	-37.39	pass
11G	H	2462	Ant 1	0.51	-46.30	pass
11G	H	2462	Ant 2	-0.06	-50.31	pass
11N20	L	2412	Ant 1	0.45	-37.41	pass
11N20	L	2412	Ant 2	0.15	-39.02	pass
11N20	H	2462	Ant 1	0.77	-49.36	pass
11N20	H	2462	Ant 2	-0.15	-50.79	pass
11N20m	L	2412	Ant 1	0.49	-33.42	pass
11N20m	L	2412	Ant 2	-0.05	-43.49	pass
11N20m	H	2462	Ant 1	-0.03	-48.24	pass
11N20m	H	2462	Ant 2	0.95	-45.74	pass
11N40	L	2422	Ant 1	-2.78	-36.89	pass
11N40	L	2422	Ant 2	-3.46	-38.27	pass
11N40	H	2452	Ant 1	-2.61	-43.61	pass
11N40	H	2452	Ant 2	-3.35	-45.40	pass
11N40m	L	2422	Ant 1	-2.89	-38.95	pass
11N40m	L	2422	Ant 2	-2.98	-39.41	pass
11N40m	H	2452	Ant 1	-2.64	-45.96	pass
11N40m	H	2452	Ant 2	-3.31	-49.29	pass

Part II - Test Plots

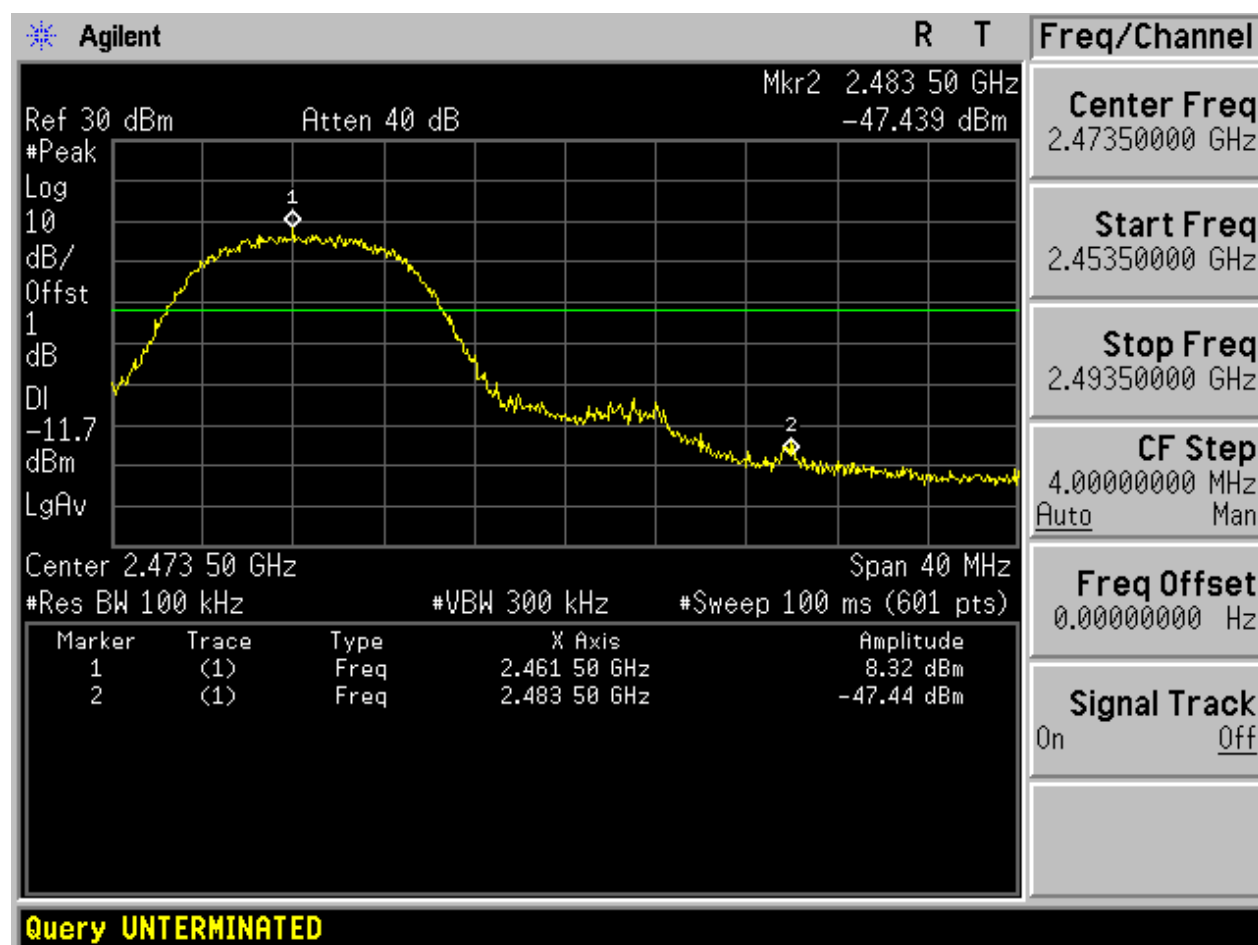
2.1 11B_L@Ant 1



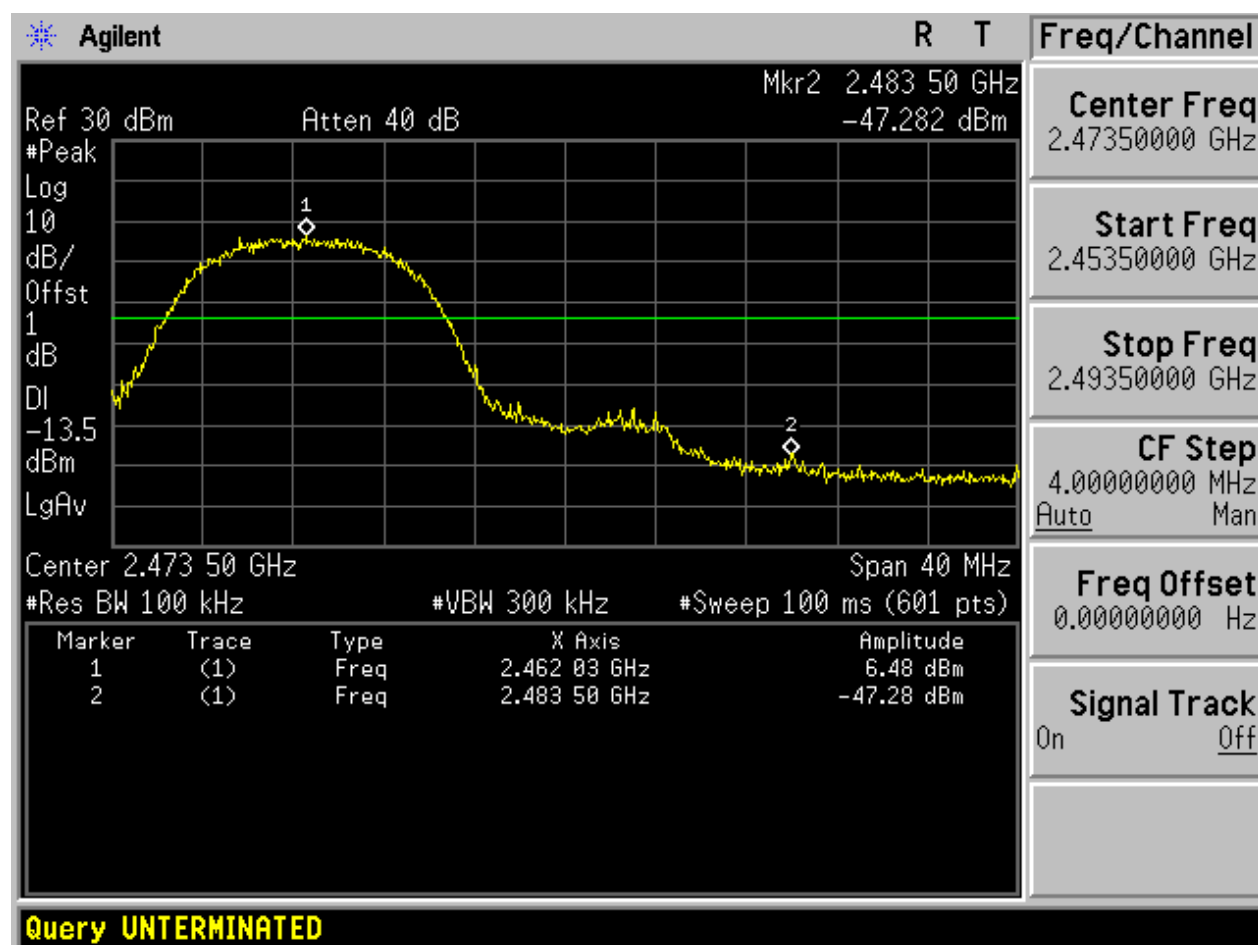
2.2 11B_L@Ant 2



2.3 11B_H@Ant 1

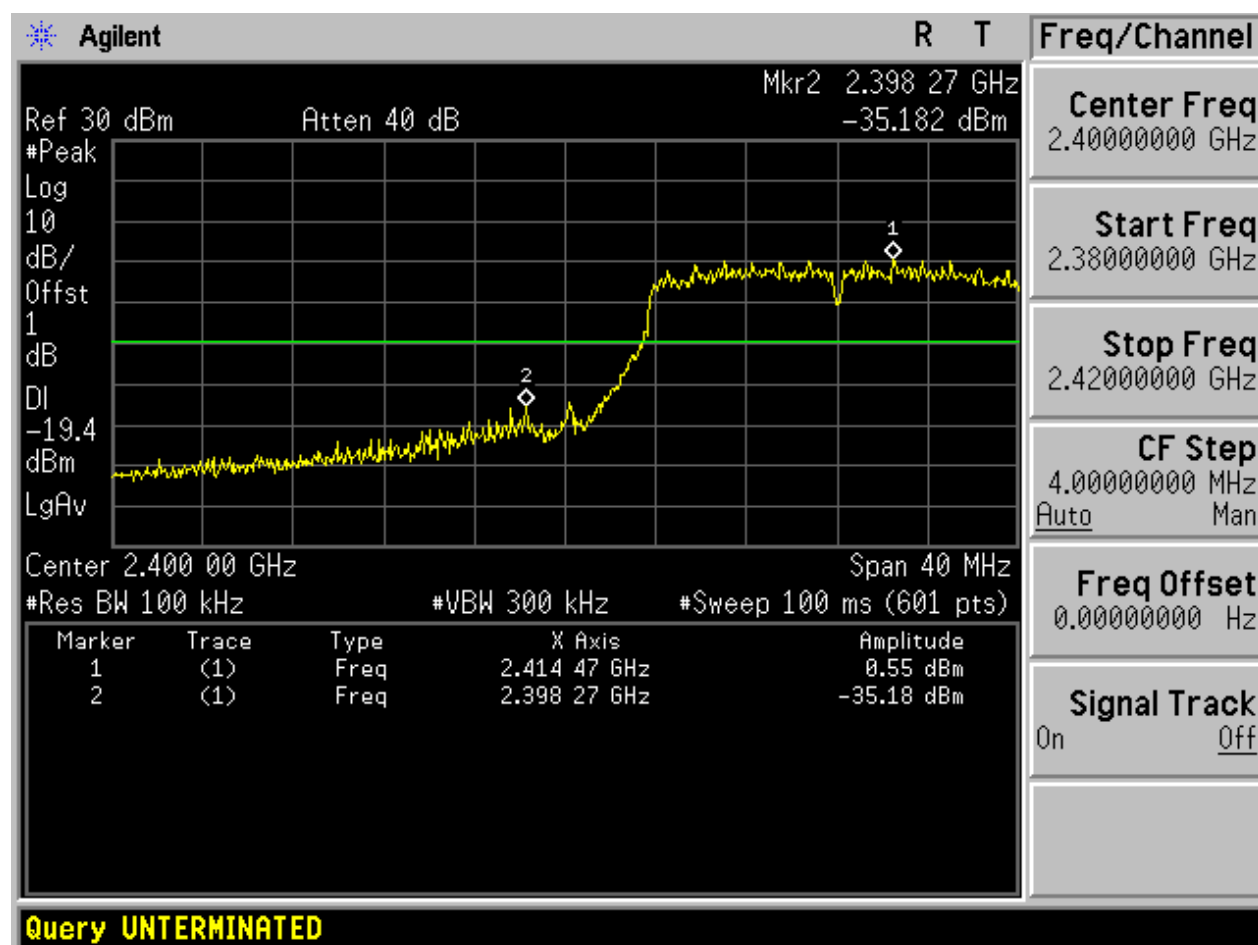


2.4 11B_H@Ant 2



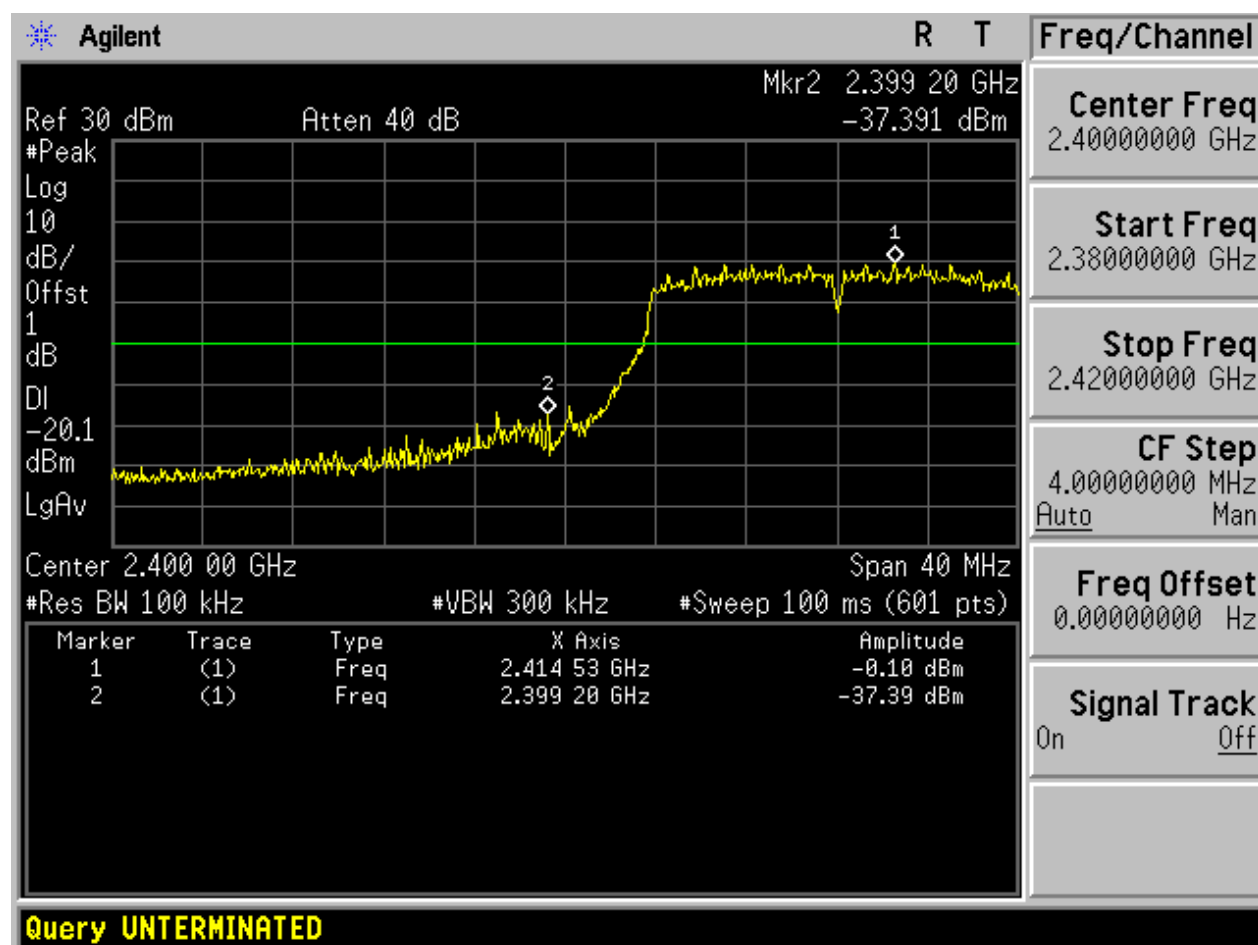


2.5 11G_L@Ant 1



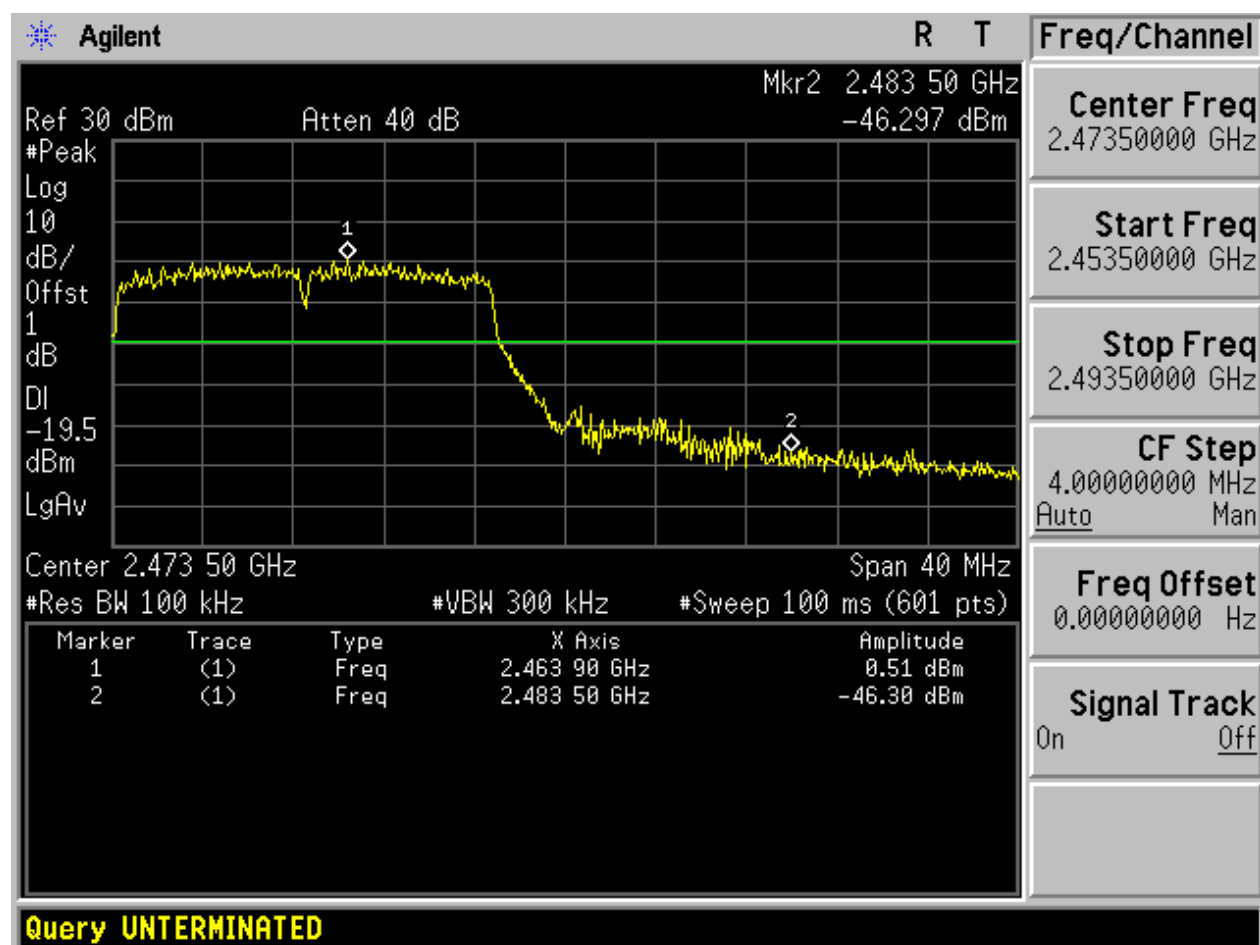


2.6 11G_L@Ant 2



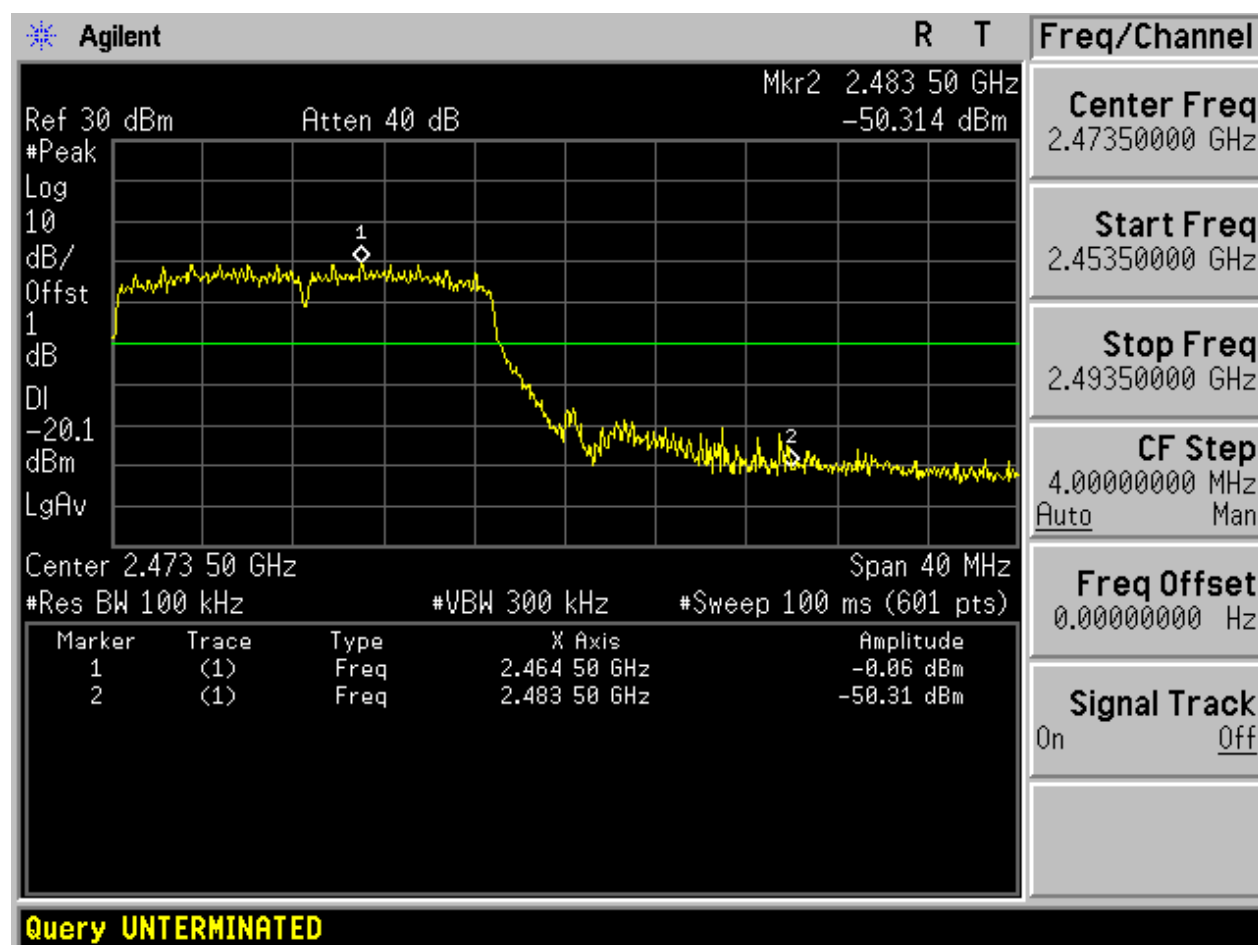


2.7 11G_H@Ant 1

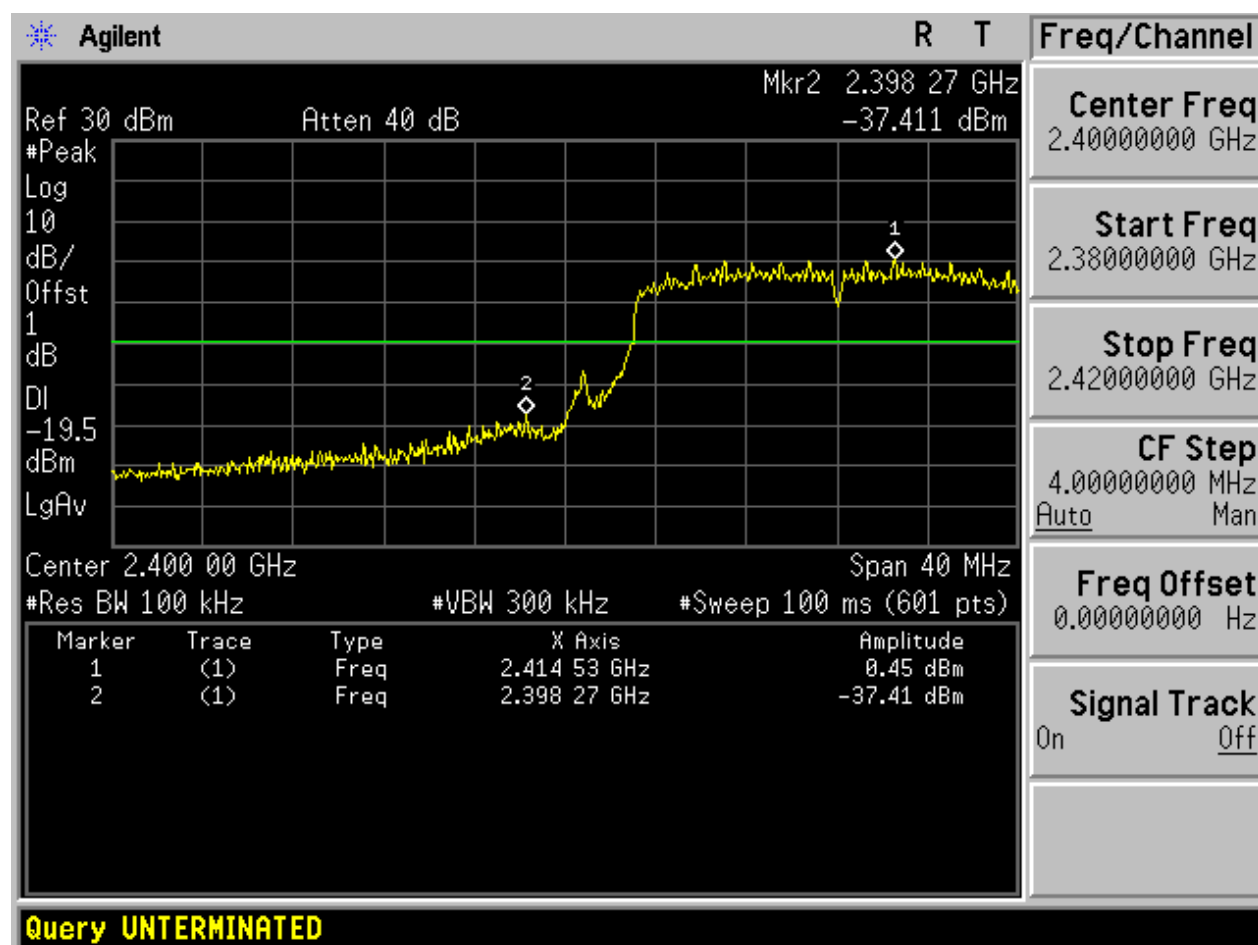




2.8 11G_H@Ant 2

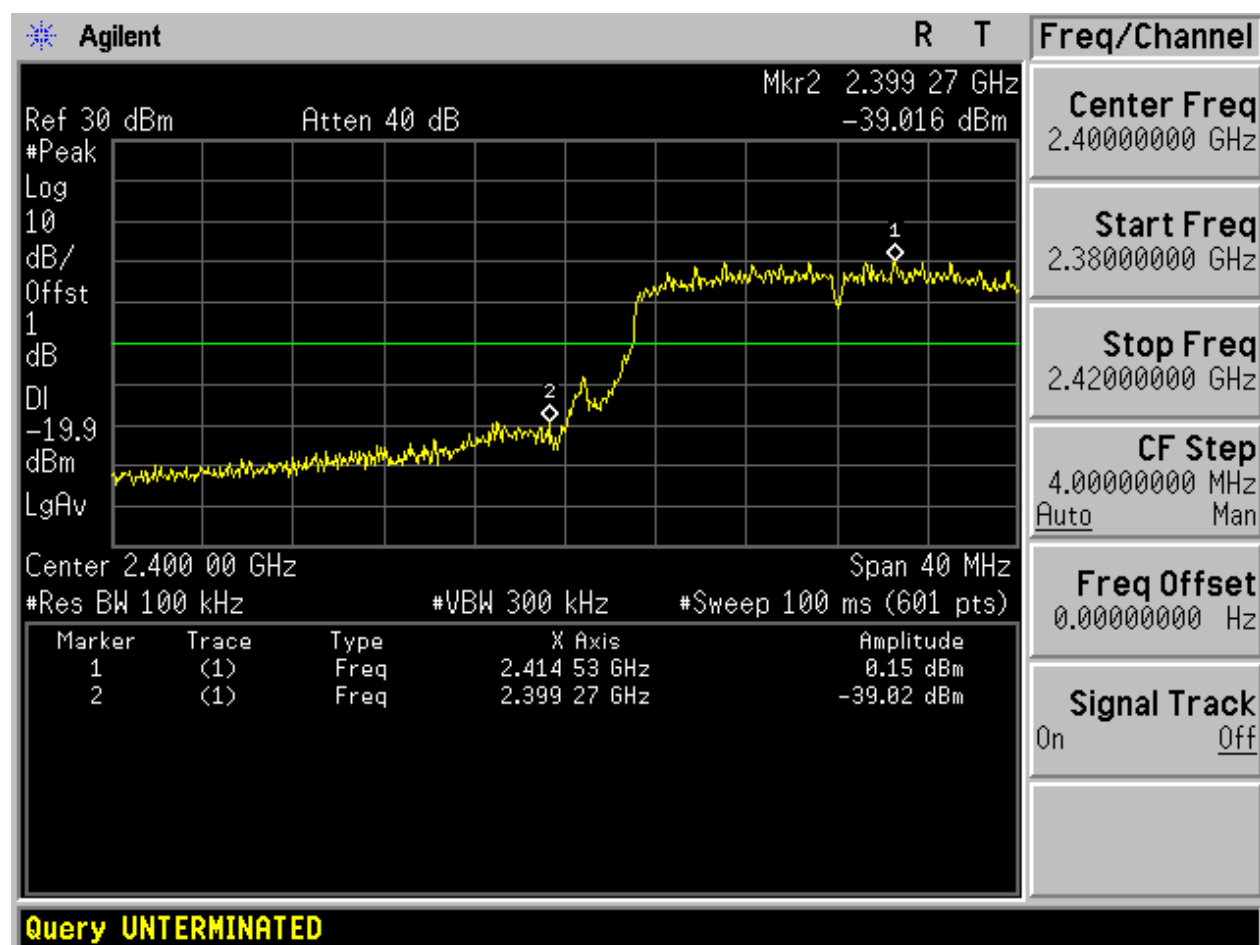


2.9 11N20_L@Ant 1

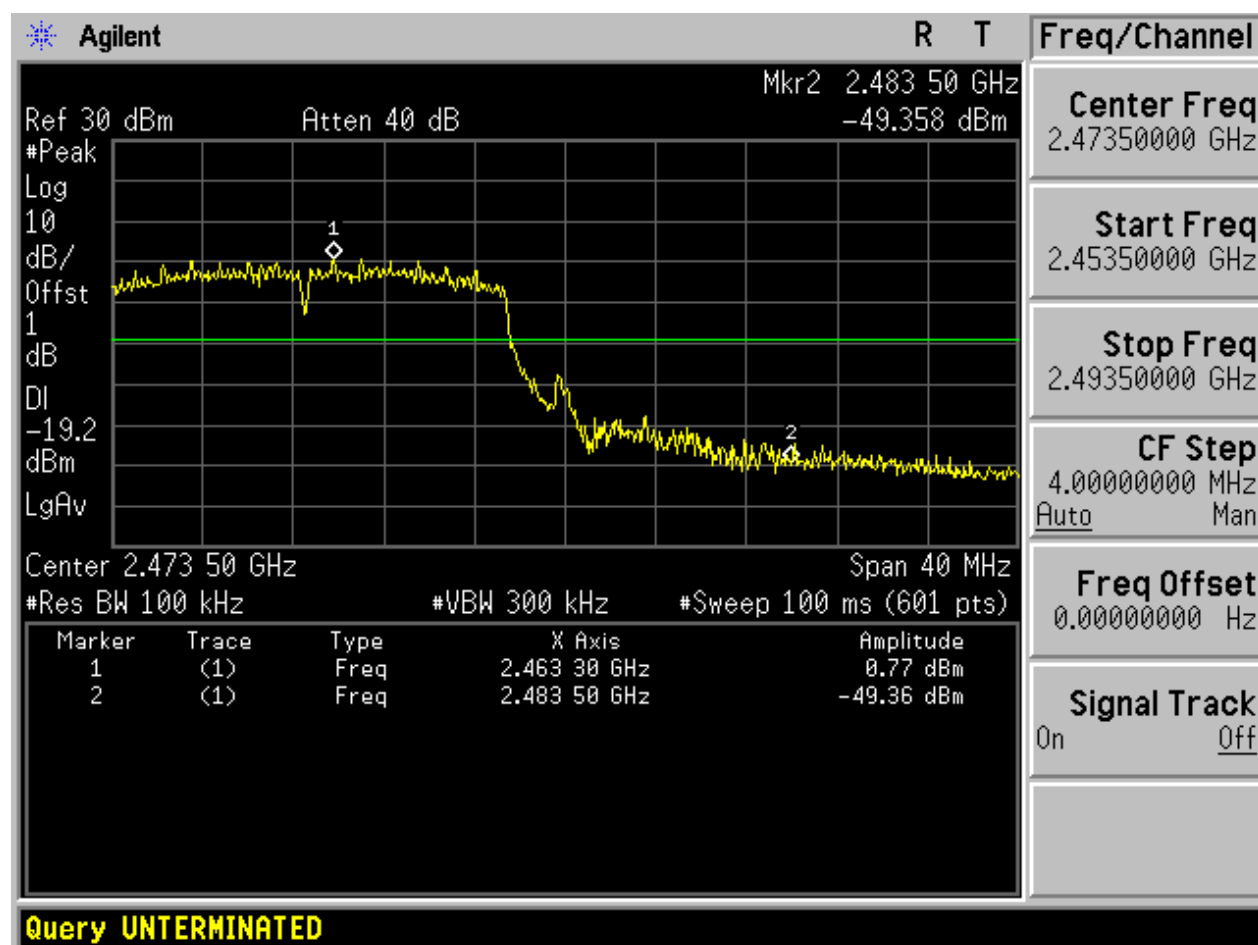




2.10 11N20_L@Ant 2

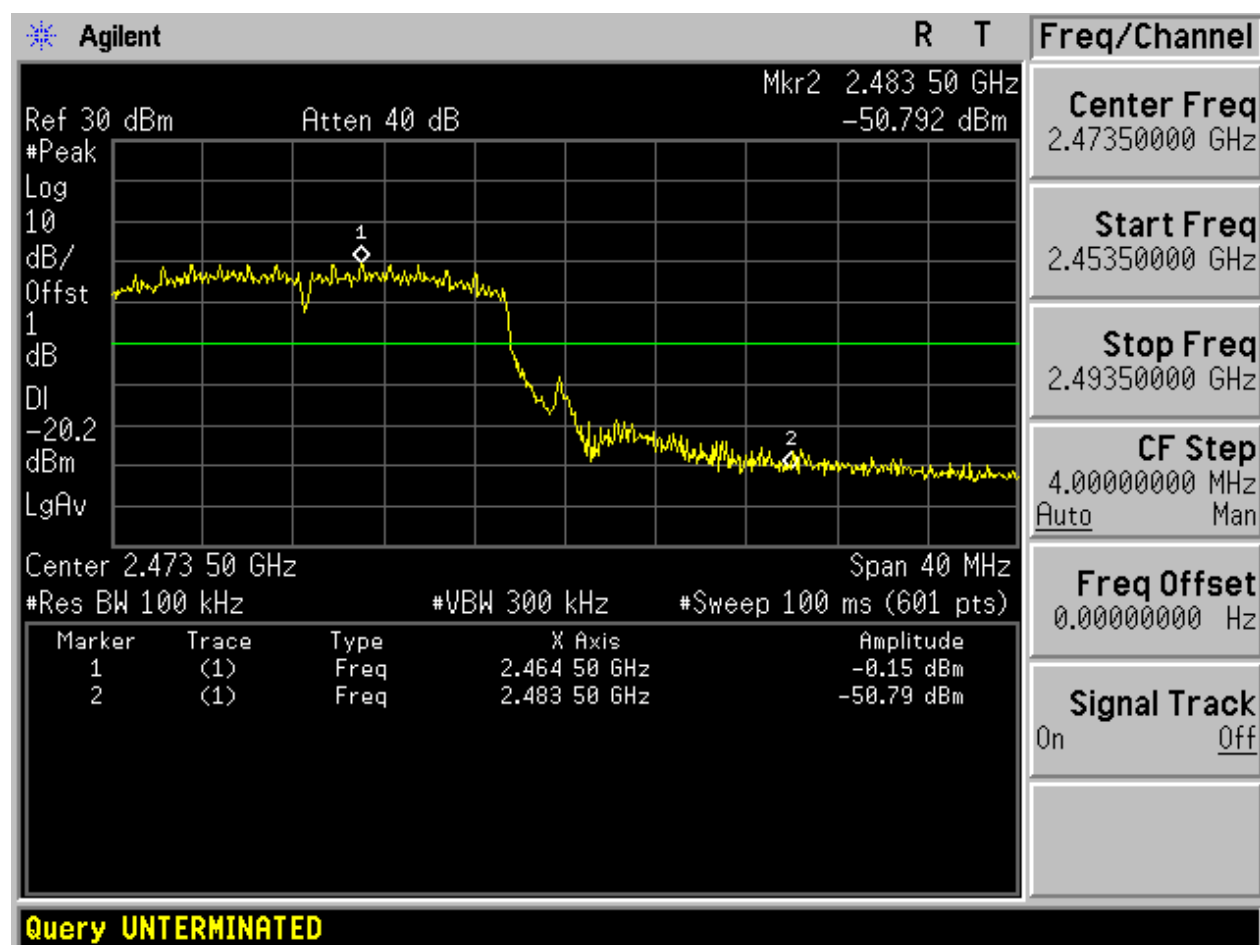


2.11 11N20_H@Ant 1



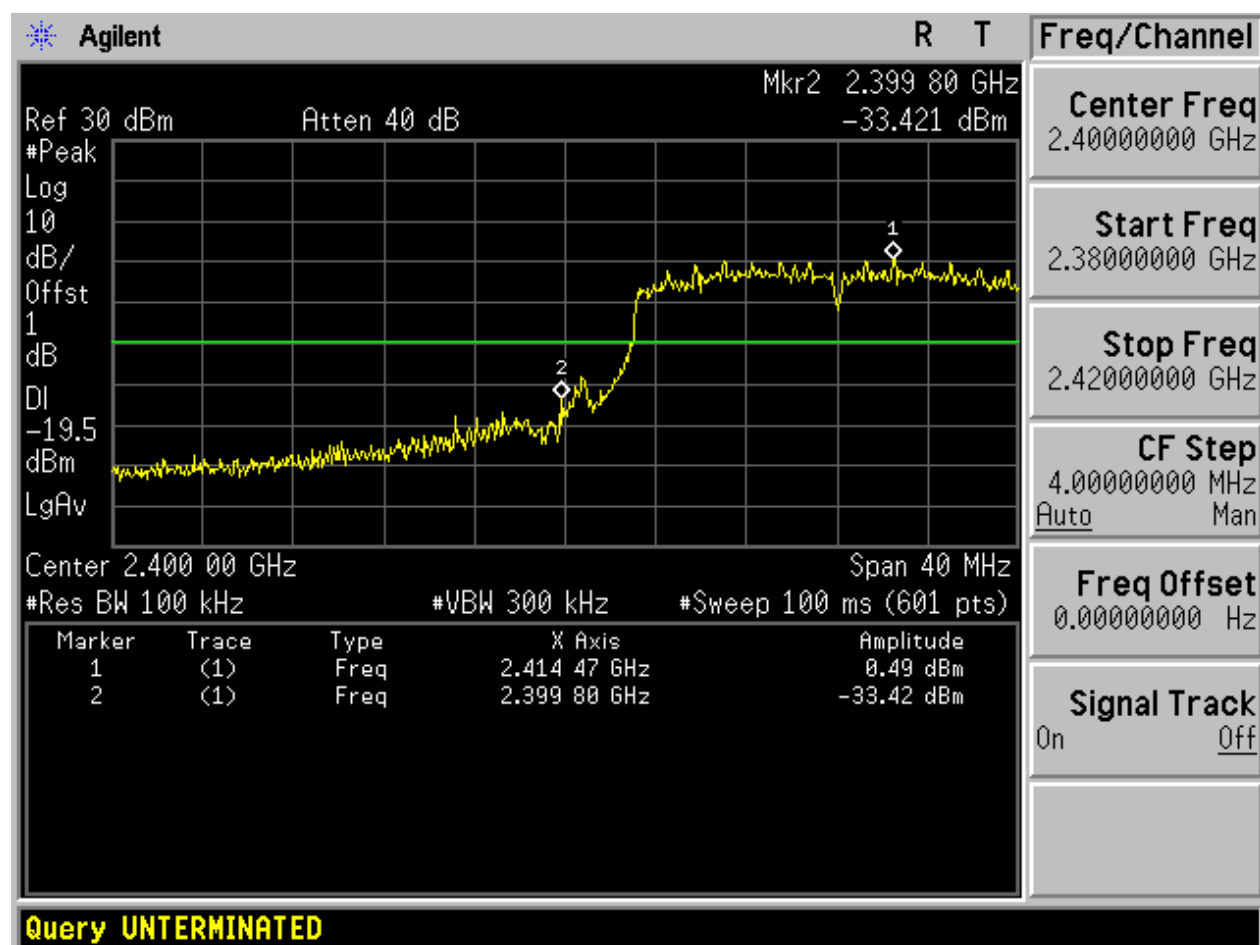


2.12 11N20_H@Ant 2



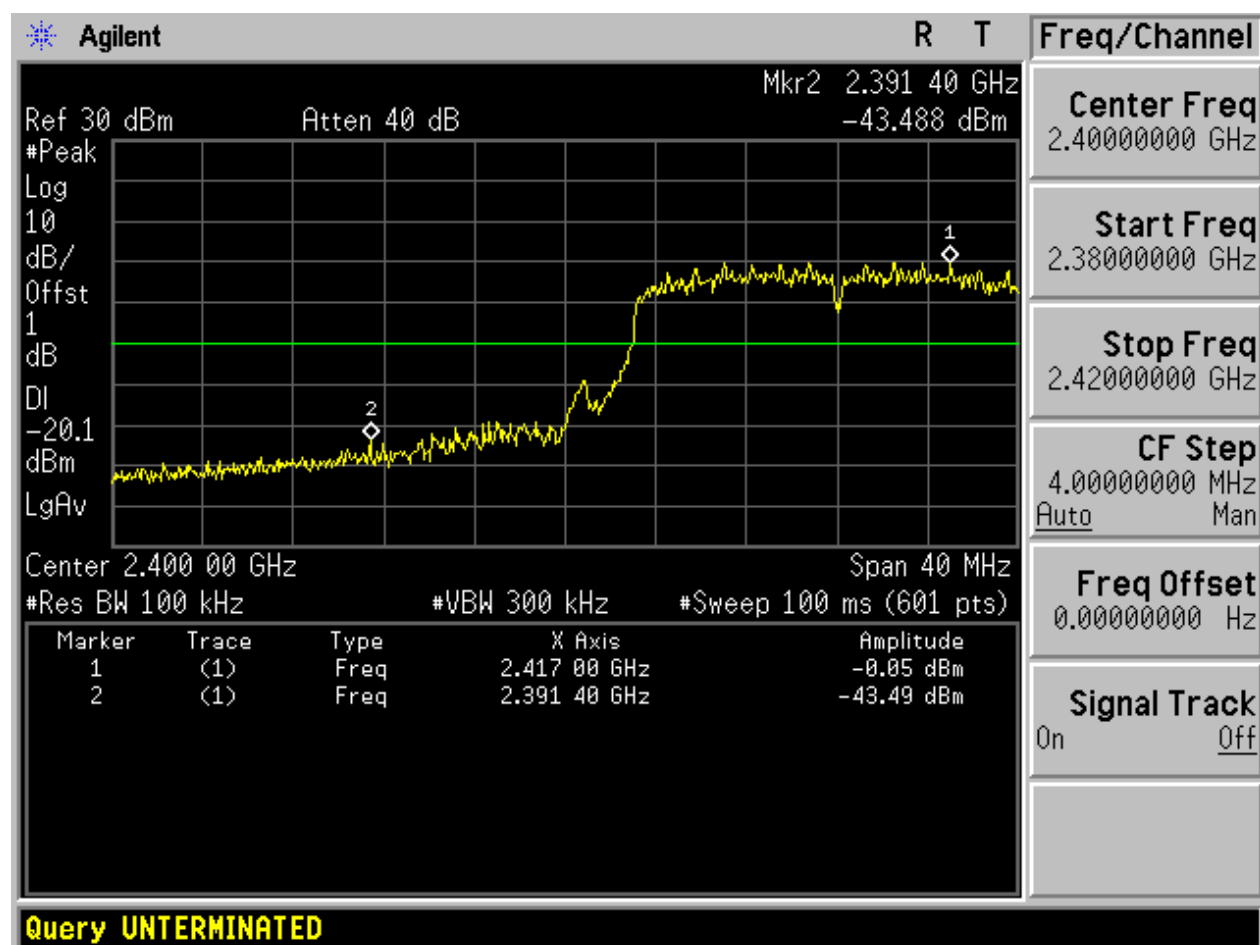


2.13 11N20m_L@Ant 1



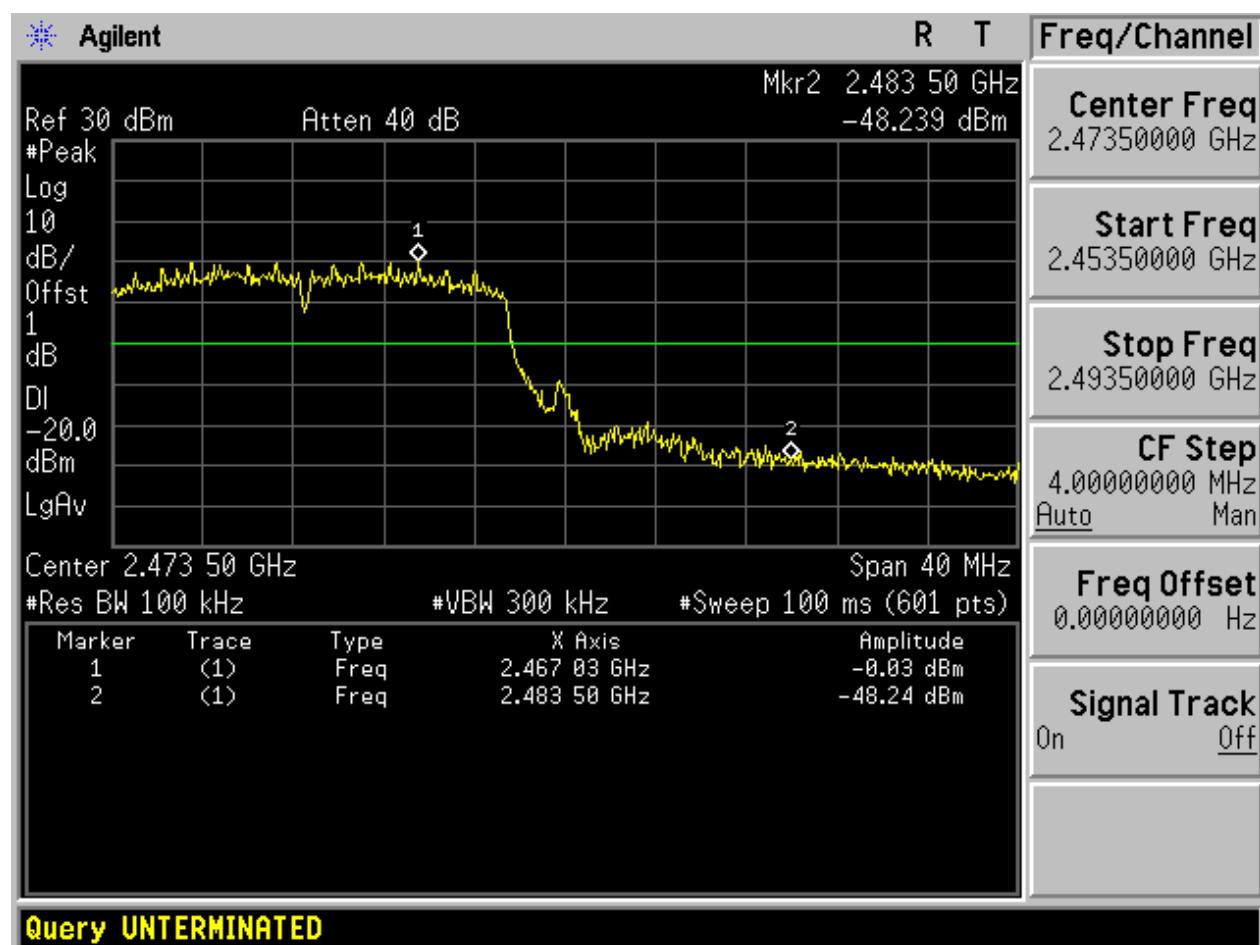


2.14 11N20m_L@Ant 2



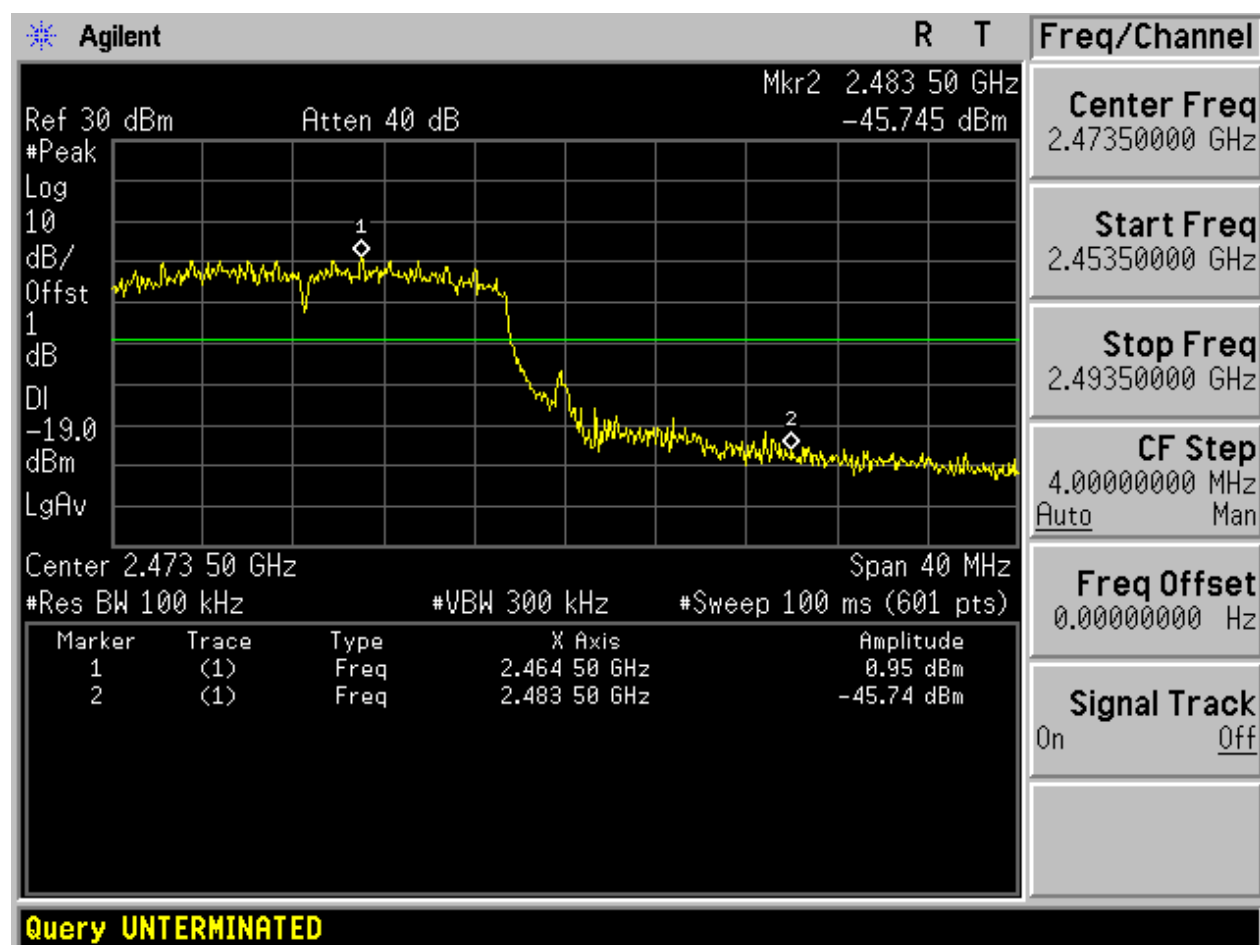


2.15 11N20m_H@Ant 1



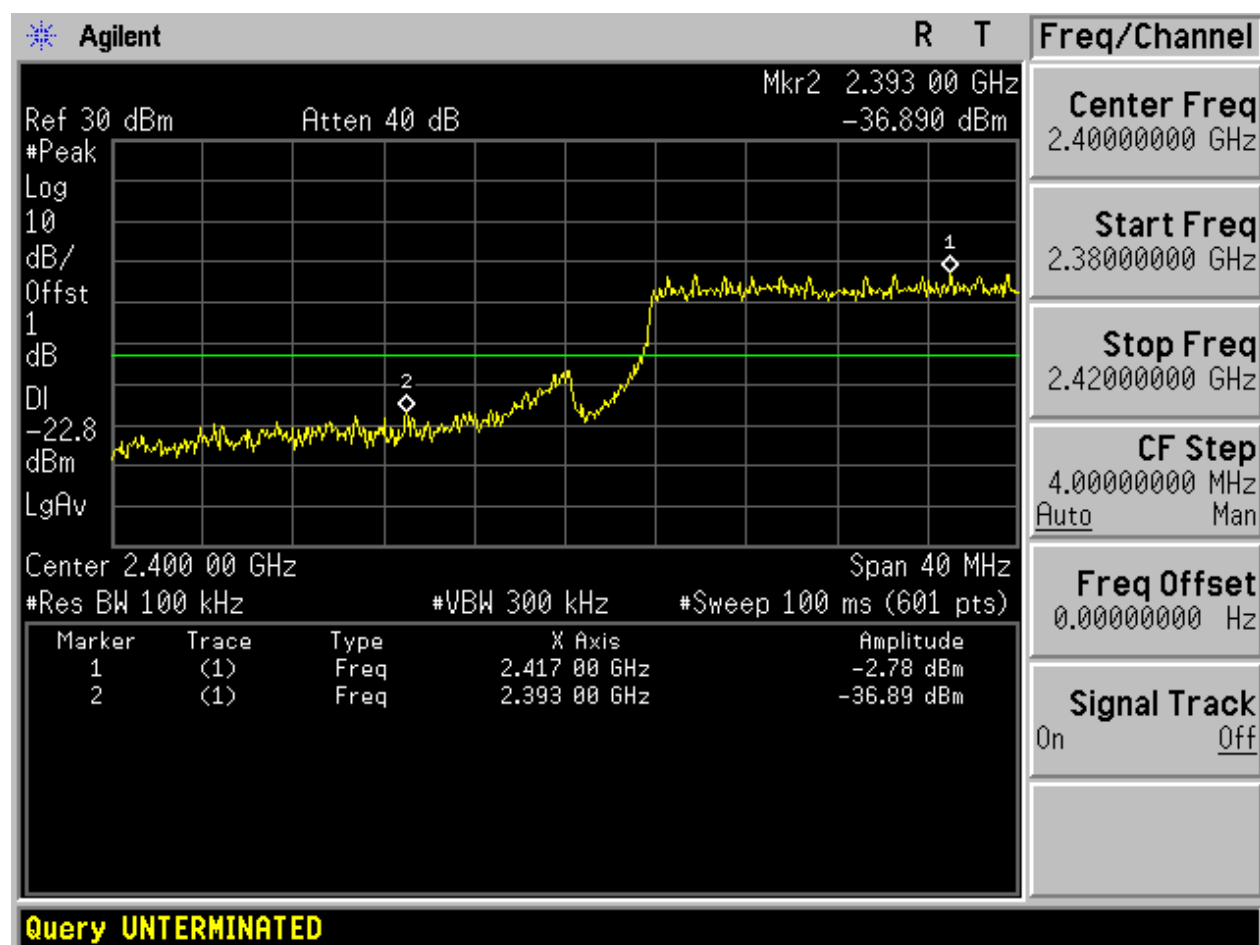


2.16 11N20m_H@Ant 2



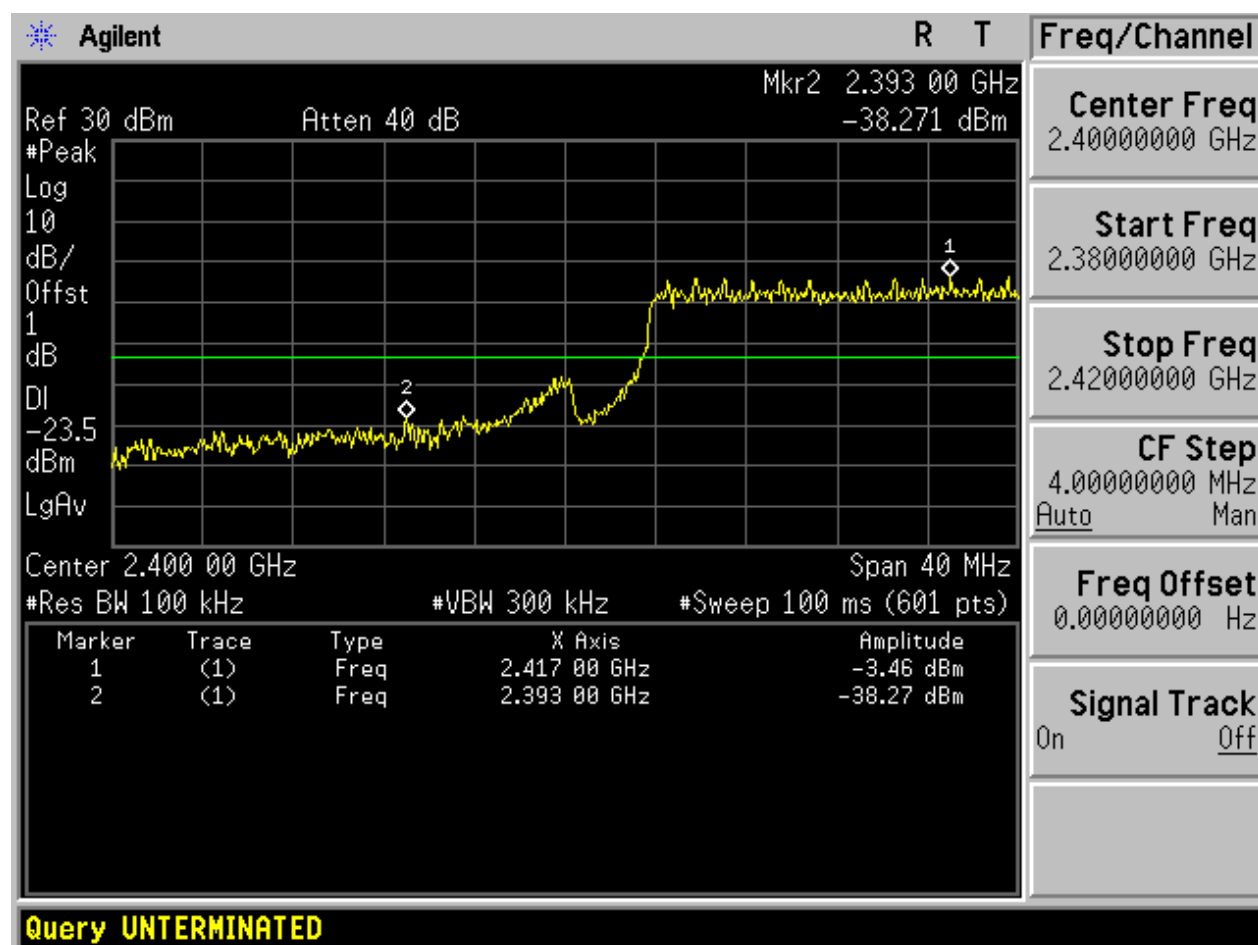


2.17 11N40_L@Ant 1



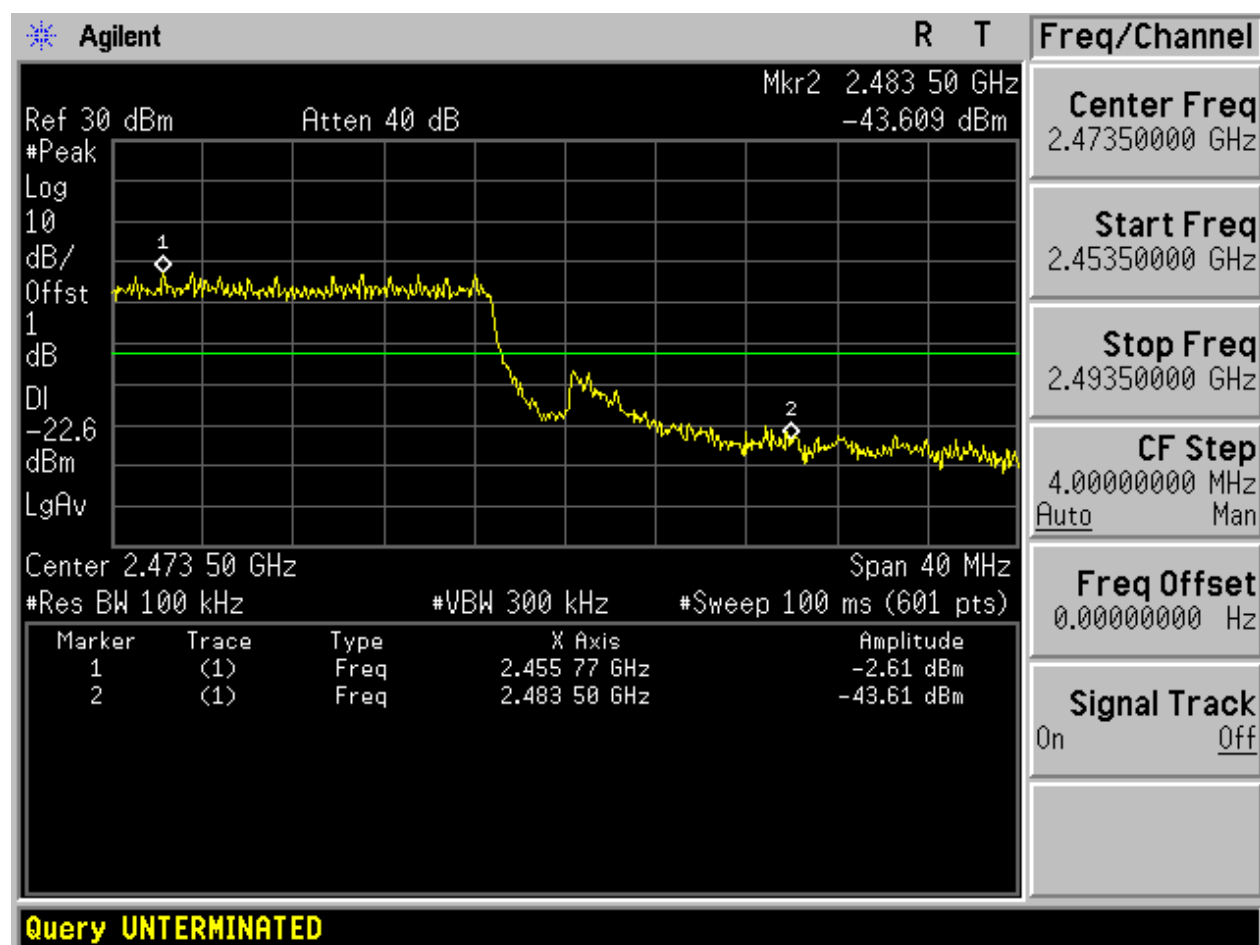


2.18 11N40_L@Ant 2



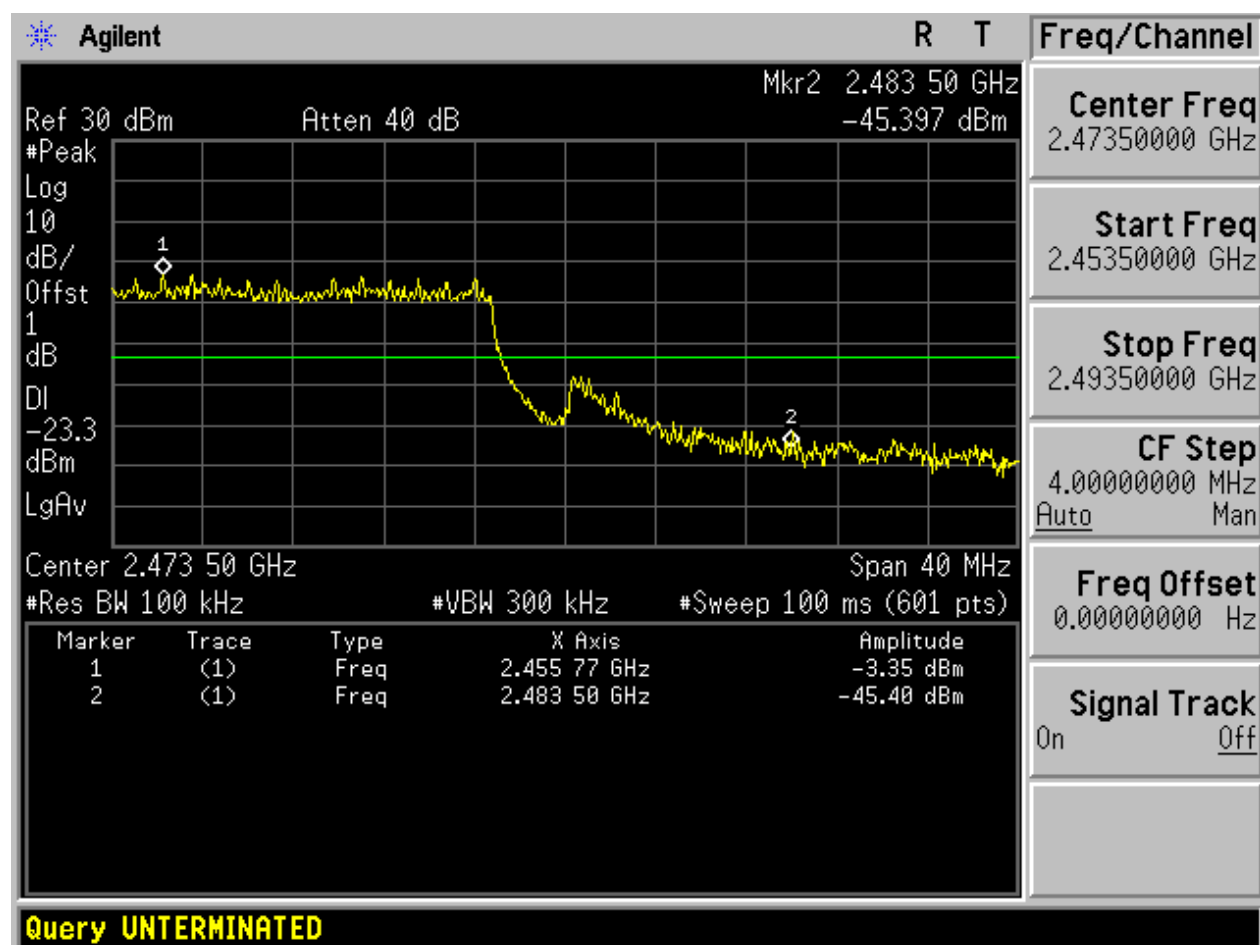


2.19 11N40_H@Ant 1



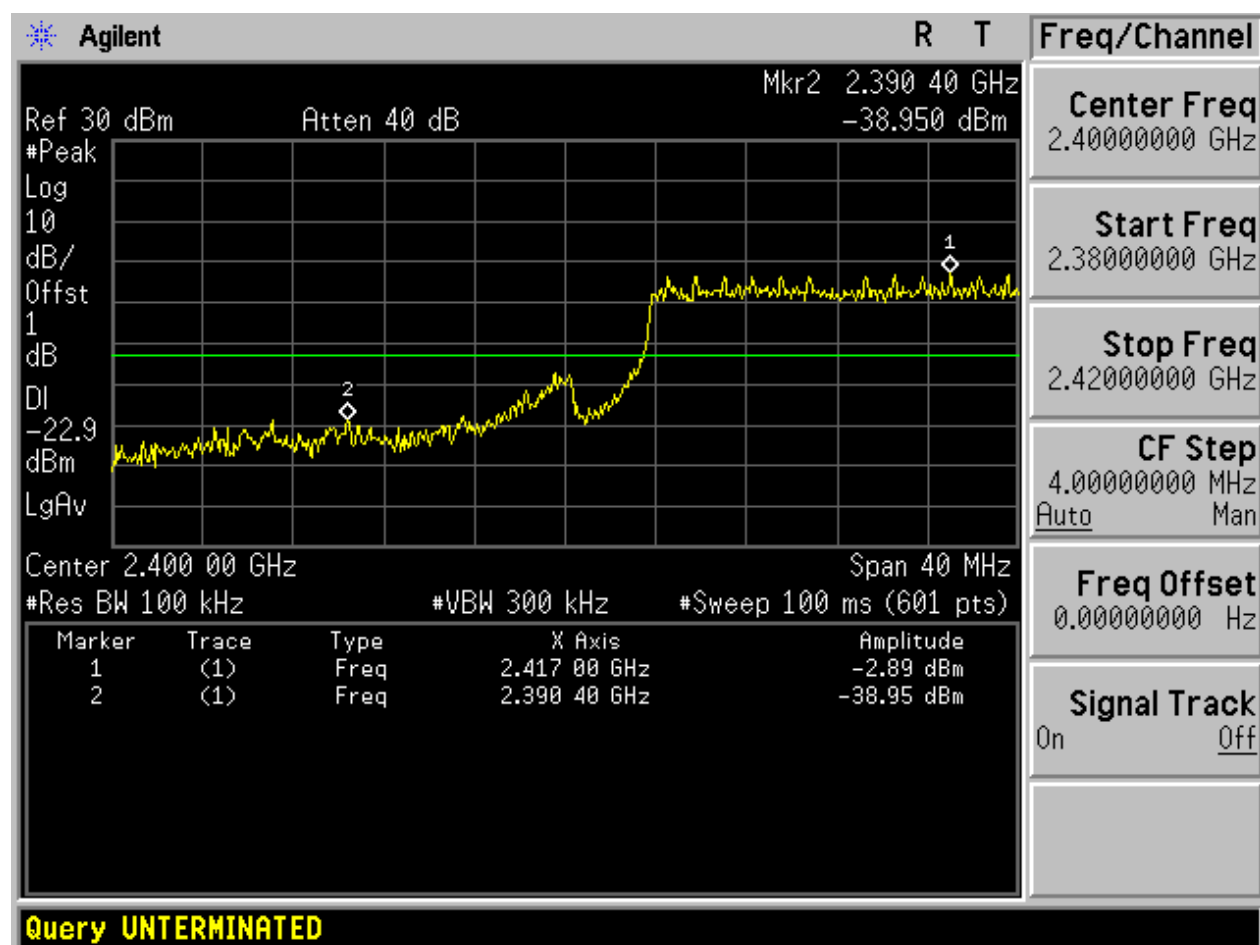


2.20 11N40_H@Ant 2

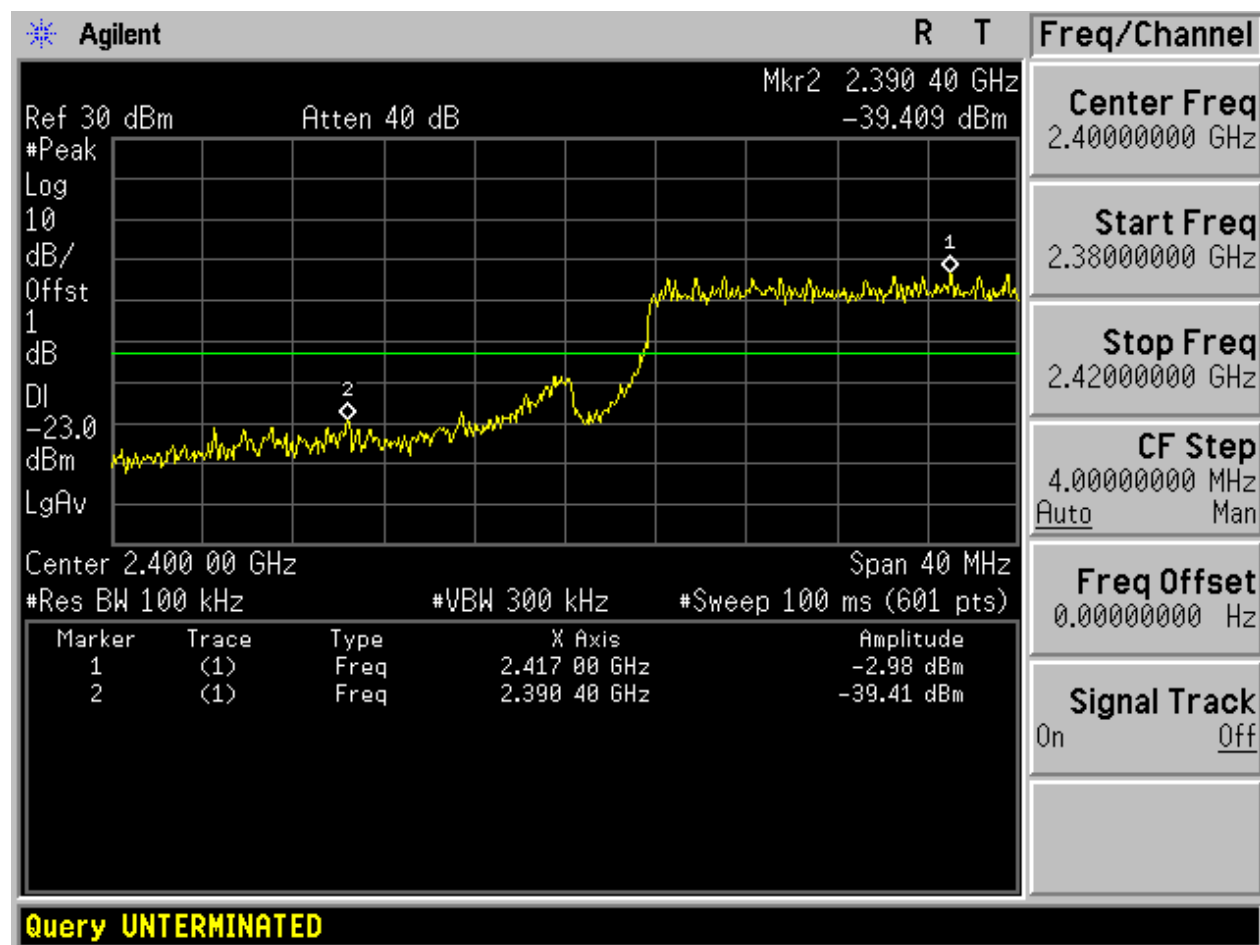




2.21 11N40m_L@Ant 1

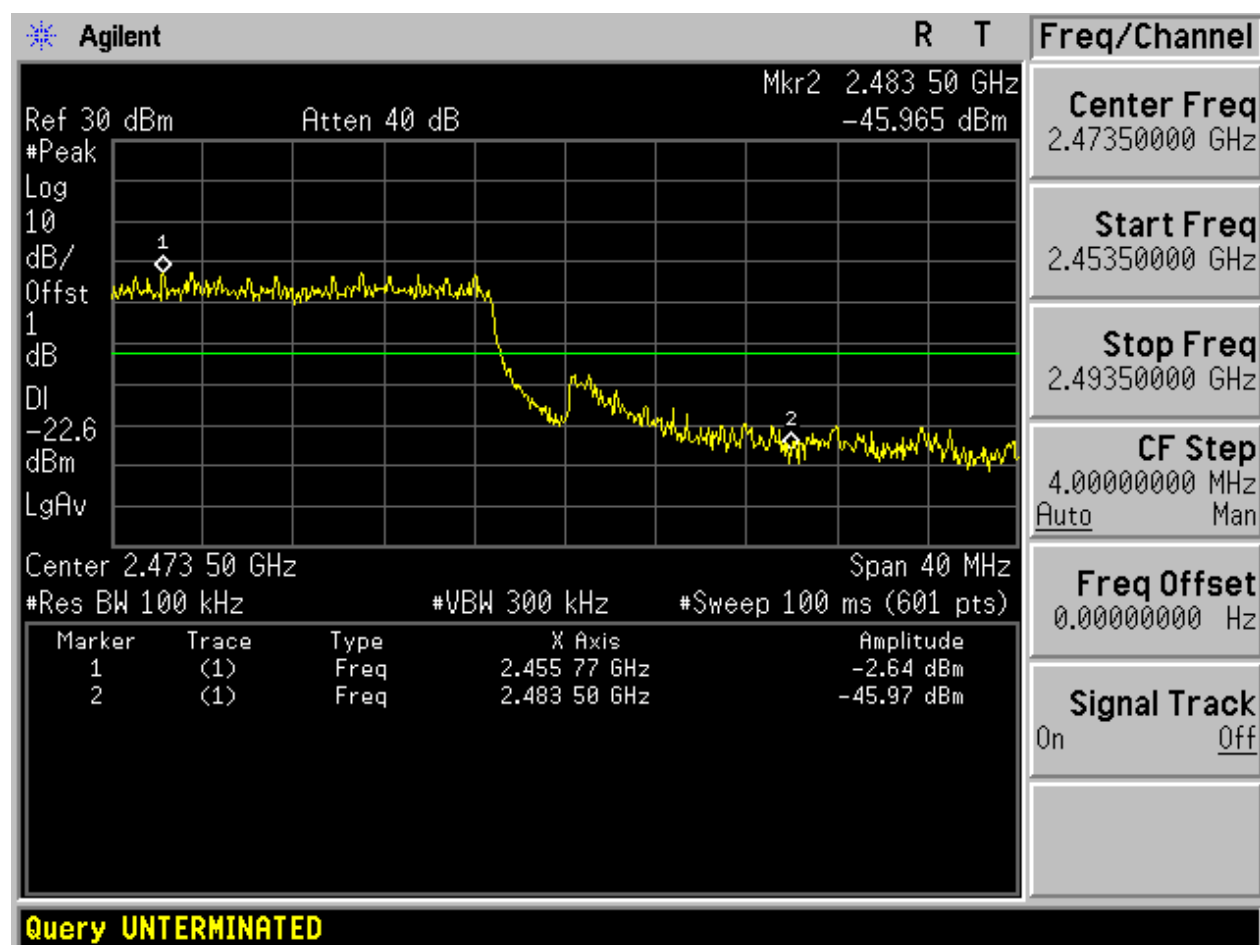


2.22 11N40m_L@Ant 2

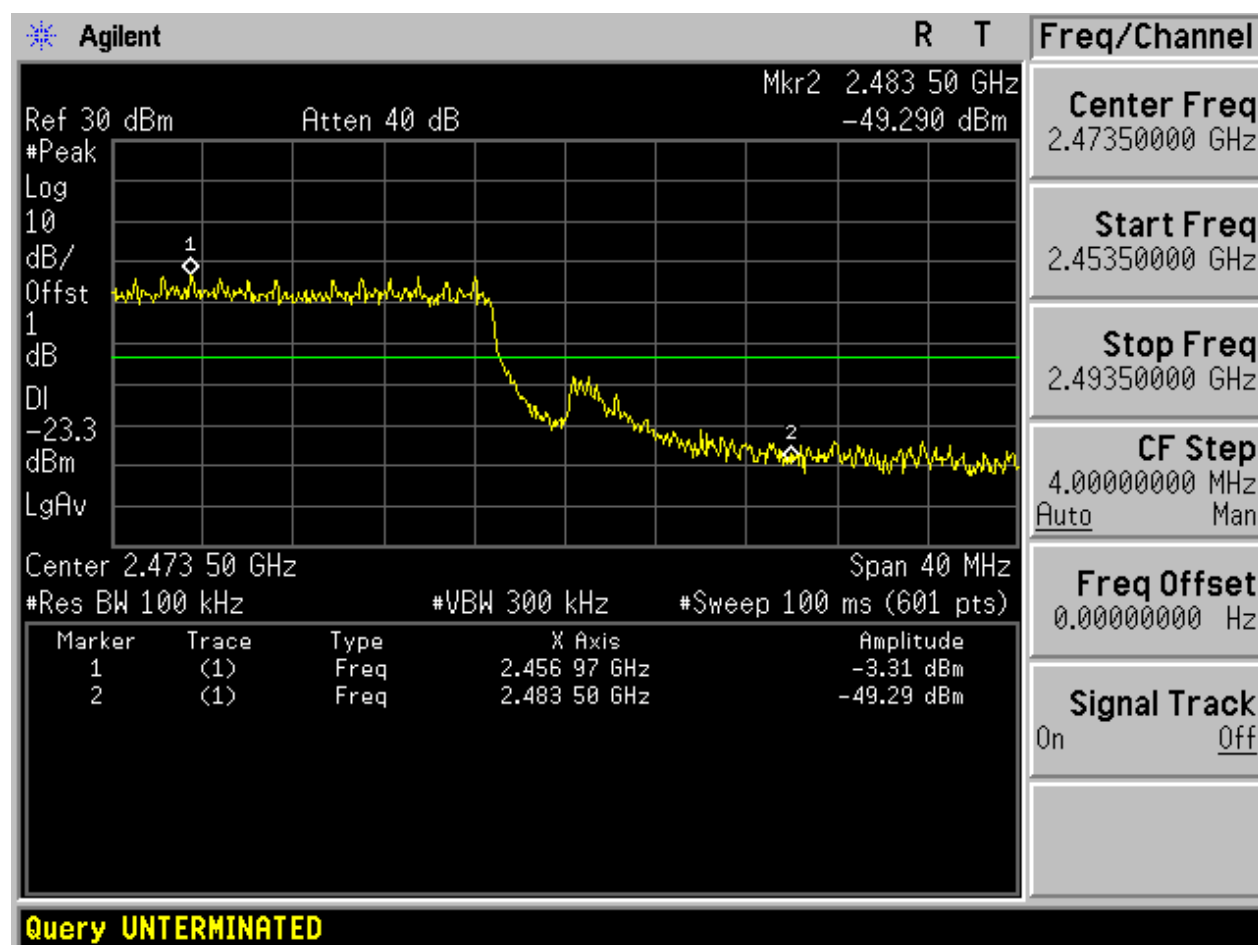




2.23 11N40m_H@Ant 1



2.24 11N40m_H@Ant 2





Appendix E: Unwanted Emissions into Non-Restricted Frequency

Bands

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

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

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

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

Part I - Test Results

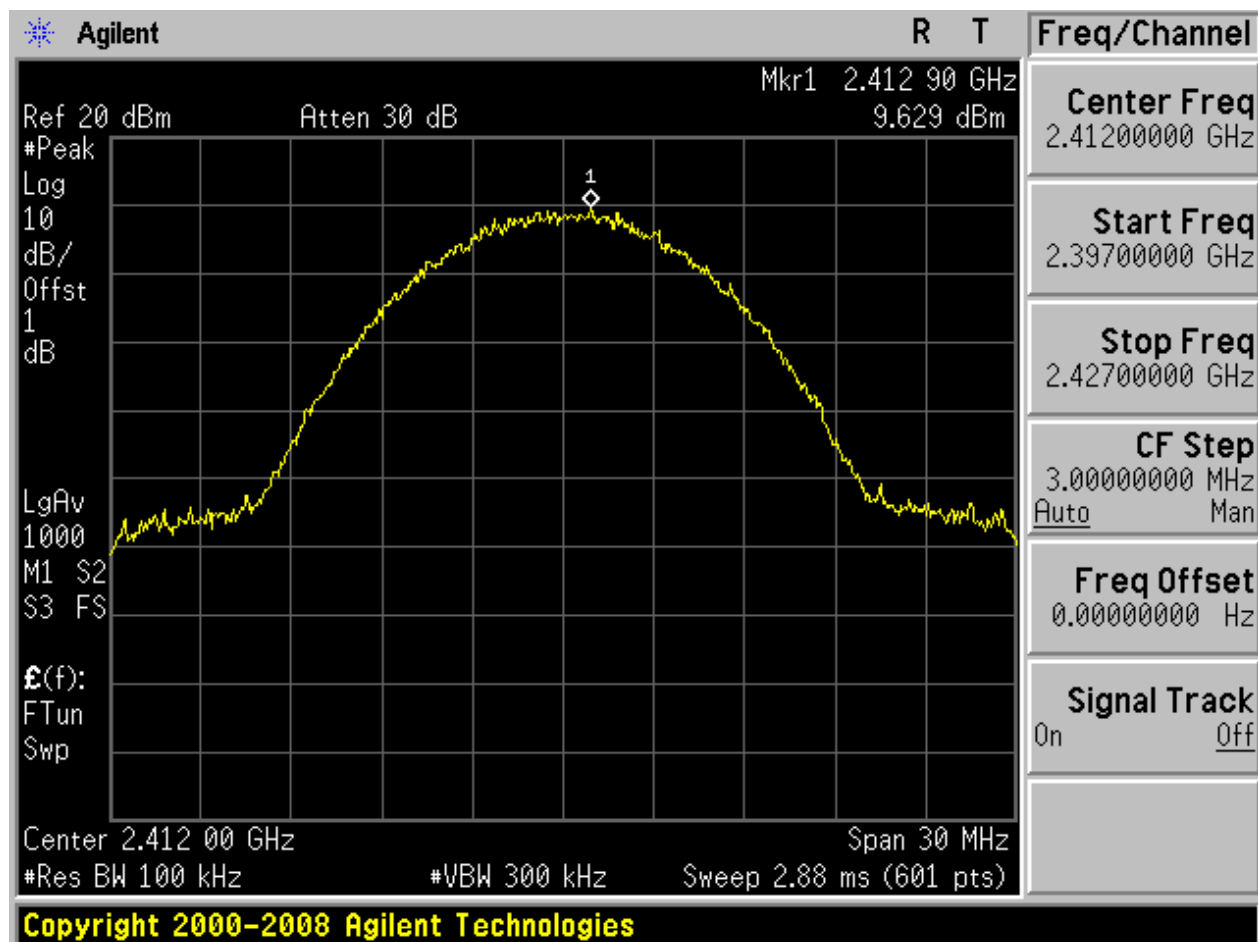
Test Mode	Test Channel	Frequency[MHz]	Ant	Pref[dBm]	Puw[dBm]	Verdict
11B	L	2412	Ant 1	9.63	<limit	pass
11B	L	2412	Ant 2	6.97	<limit	pass
11B	M	2437	Ant 1	8.38	<limit	pass
11B	M	2437	Ant 2	6.92	<limit	pass
11B	H	2462	Ant 1	8.11	<limit	pass
11B	H	2462	Ant 2	6.64	<limit	pass
11G	L	2412	Ant 1	0.85	<limit	pass
11G	L	2412	Ant 2	0.41	<limit	pass
11G	M	2437	Ant 1	0.62	<limit	pass
11G	M	2437	Ant 2	0.06	<limit	pass
11G	H	2462	Ant 1	1.02	<limit	pass
11G	H	2462	Ant 2	0.33	<limit	pass
11N20	L	2412	Ant 1	0.78	<limit	pass
11N20	L	2412	Ant 2	0.39	<limit	pass
11N20	M	2437	Ant 1	0.44	<limit	pass
11N20	M	2437	Ant 2	0.35	<limit	pass
11N20	H	2462	Ant 1	0.98	<limit	pass

Test Mode	Test Channel	Frequency[MHz]	Ant	Pref[dBm]	Puw[dBm]	Verdict
11N20	H	2462	Ant 2	0.54	<limit	pass
11N20m	L	2412	Ant 1	0.92	<limit	pass
11N20m	L	2412	Ant 2	0.23	<limit	pass
11N20m	M	2437	Ant 2	0.53	<limit	pass
11N20m	M	2437	Ant 1	0.44	<limit	pass
11N20m	H	2462	Ant 1	0.58	<limit	pass
11N20m	H	2462	Ant 2	1.1	<limit	pass
11N40	L	2422	Ant 1	-2.56	<limit	pass
11N40	L	2422	Ant 2	-3.24	<limit	pass
11N40	M	2437	Ant 1	-2.68	<limit	pass
11N40	M	2437	Ant 2	-3.1	<limit	pass
11N40	H	2452	Ant 1	-2.44	<limit	pass
11N40	H	2452	Ant 2	-3.19	<limit	pass
11N40m	L	2422	Ant 1	-2.37	<limit	pass
11N40m	L	2422	Ant 2	-2.59	<limit	pass
11N40m	M	2437	Ant 1	-2.44	<limit	pass
11N40m	M	2437	Ant 2	-2.4	<limit	pass
11N40m	H	2452	Ant 1	-2.43	<limit	pass
11N40m	H	2452	Ant 2	-2.55	<limit	pass

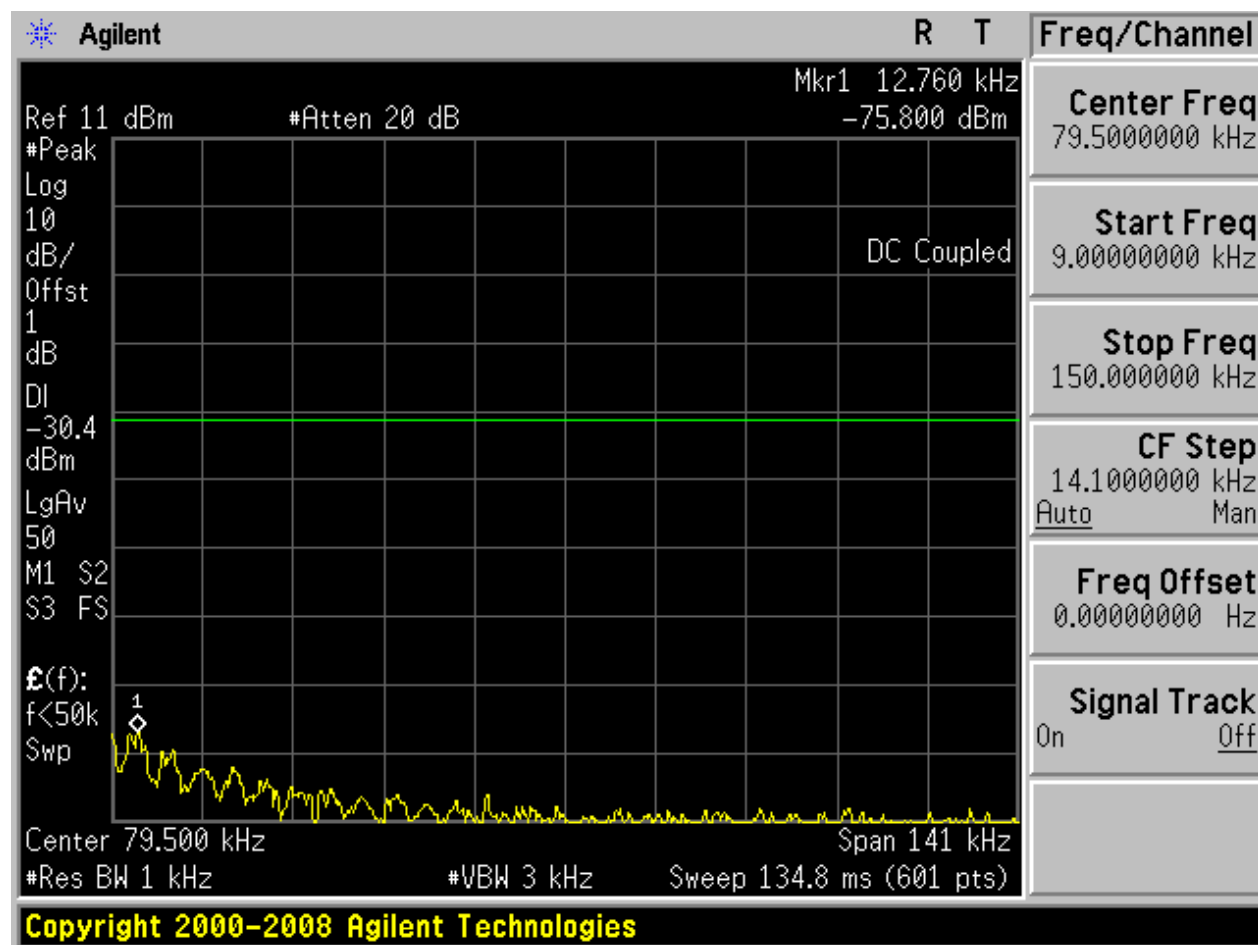
Part II - Test Plots

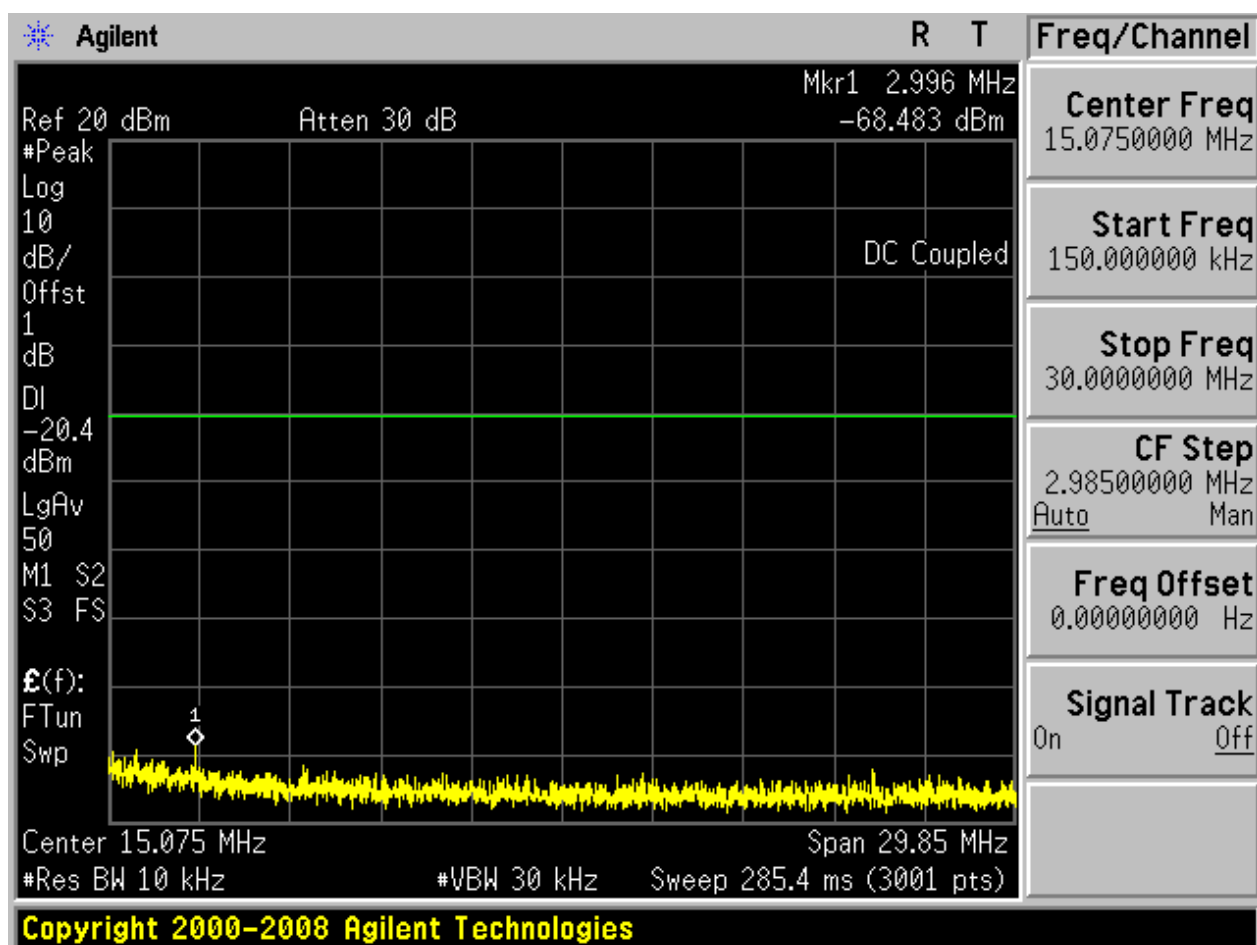
2.1 11B_L@Ant 1

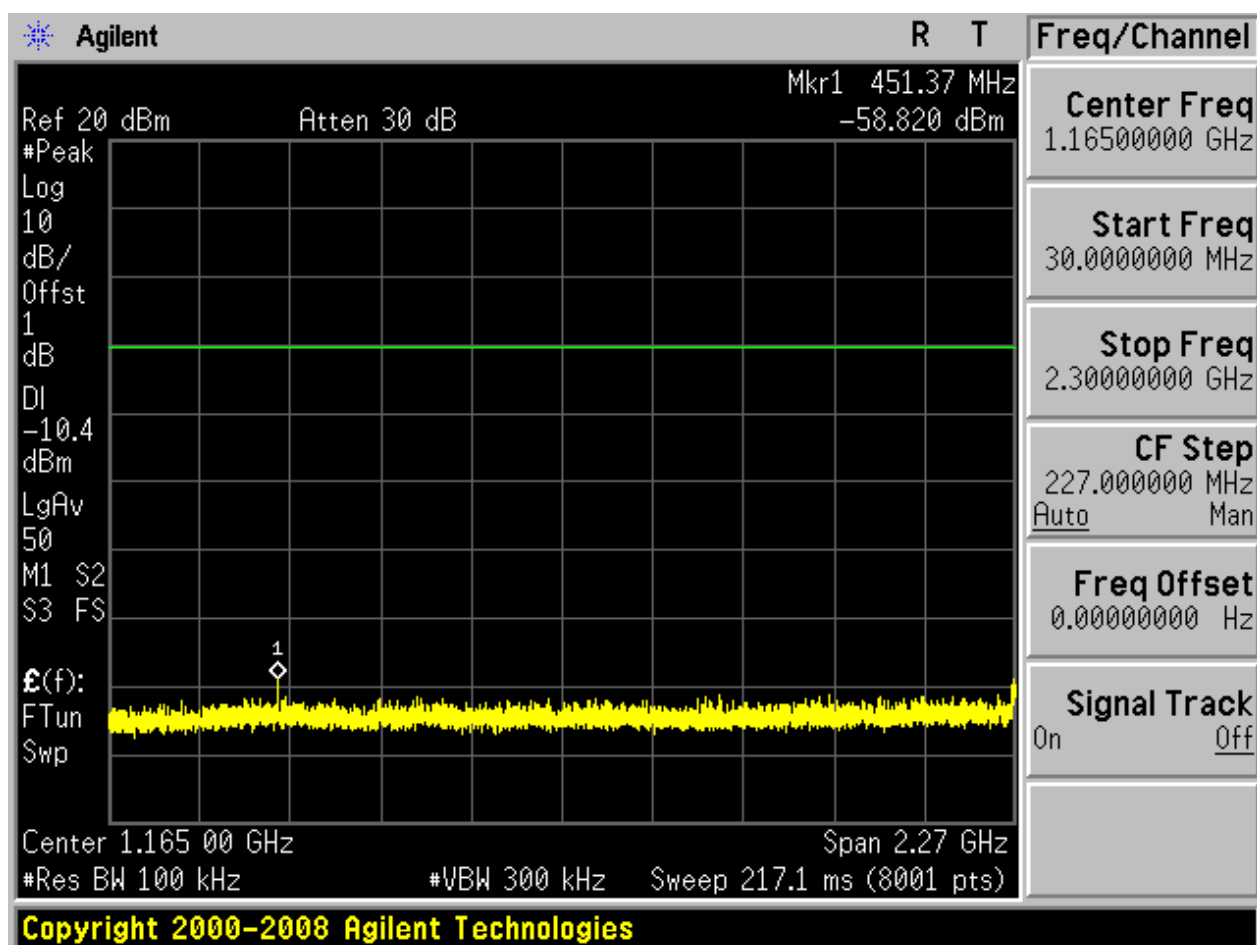
Pref:

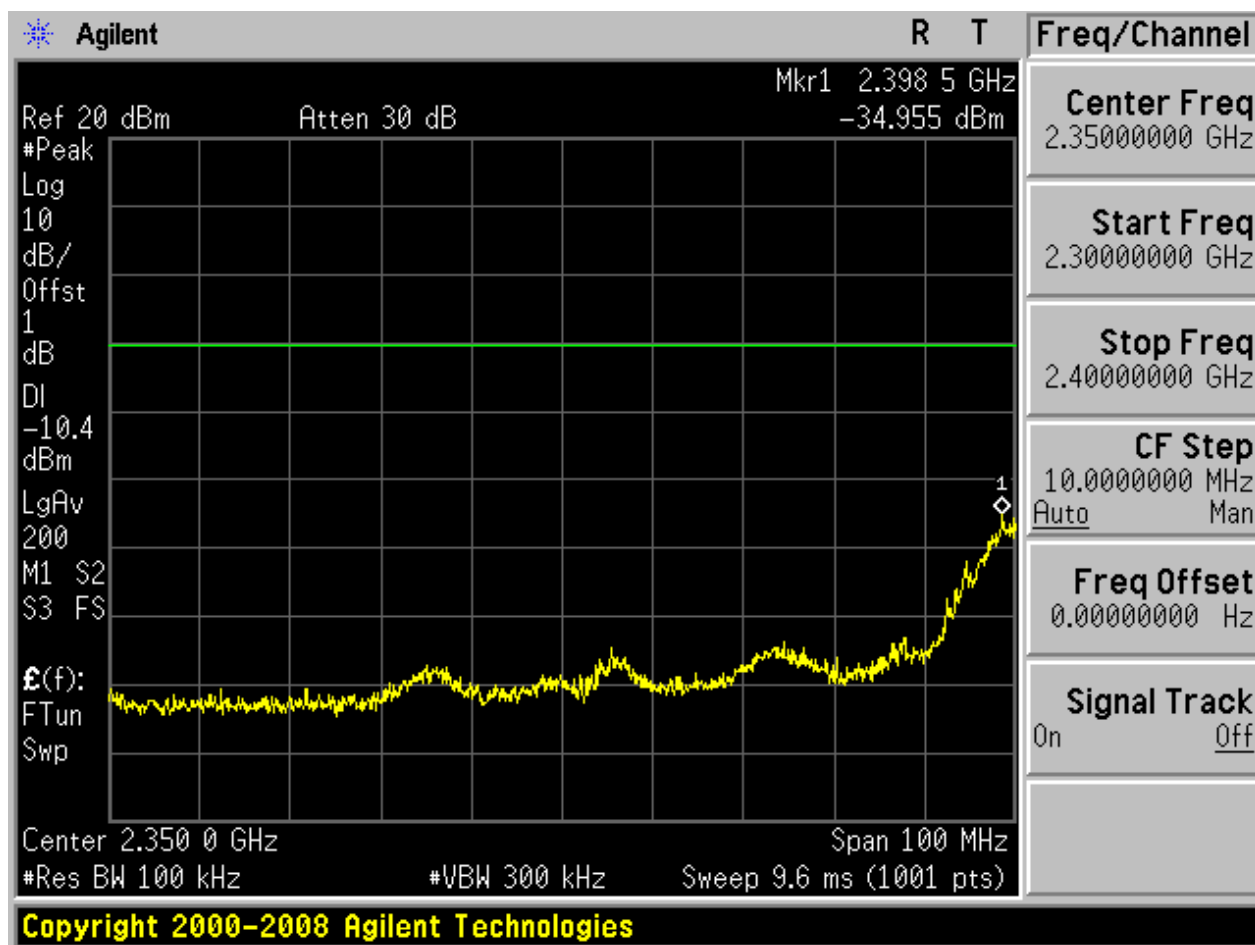


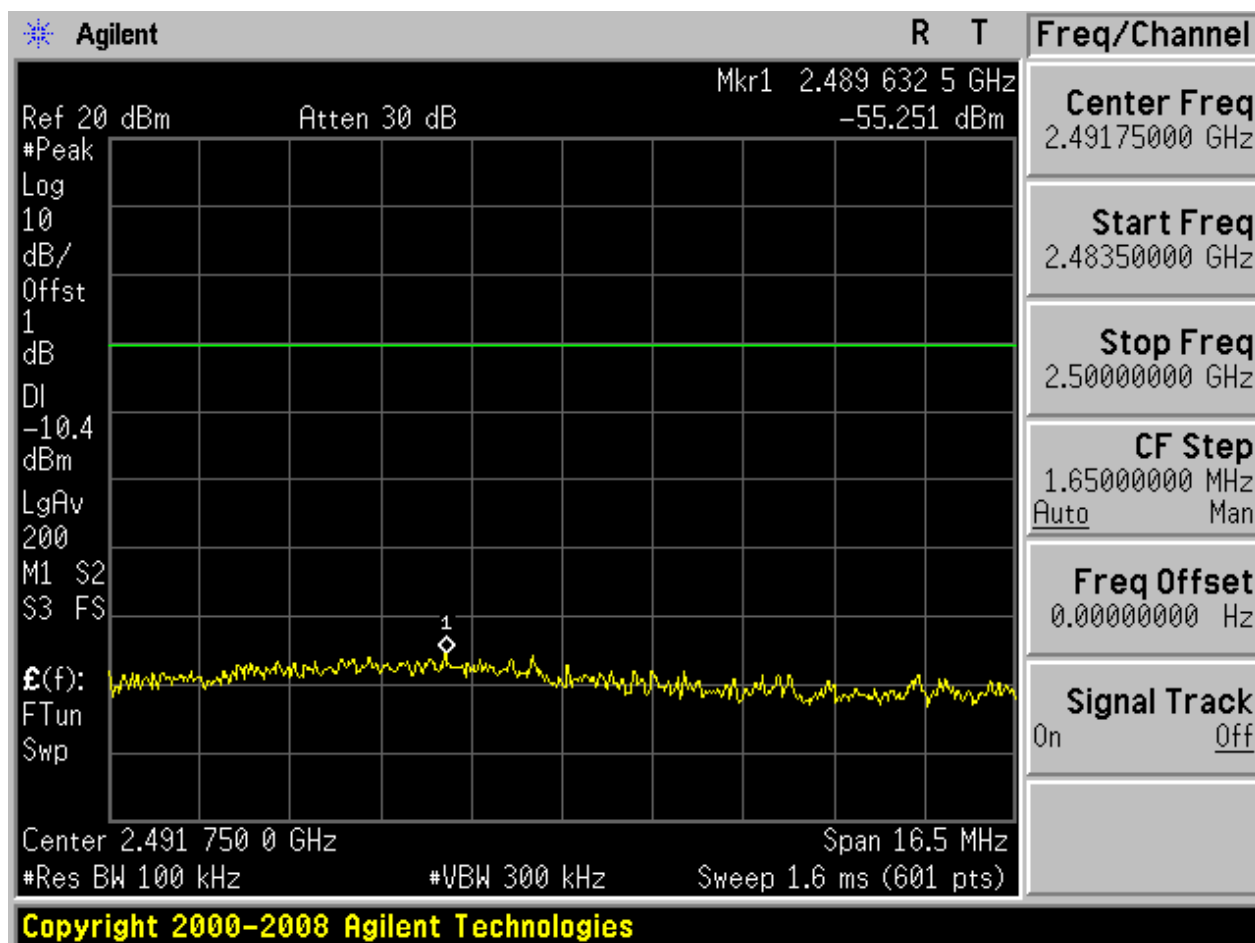
Puw:

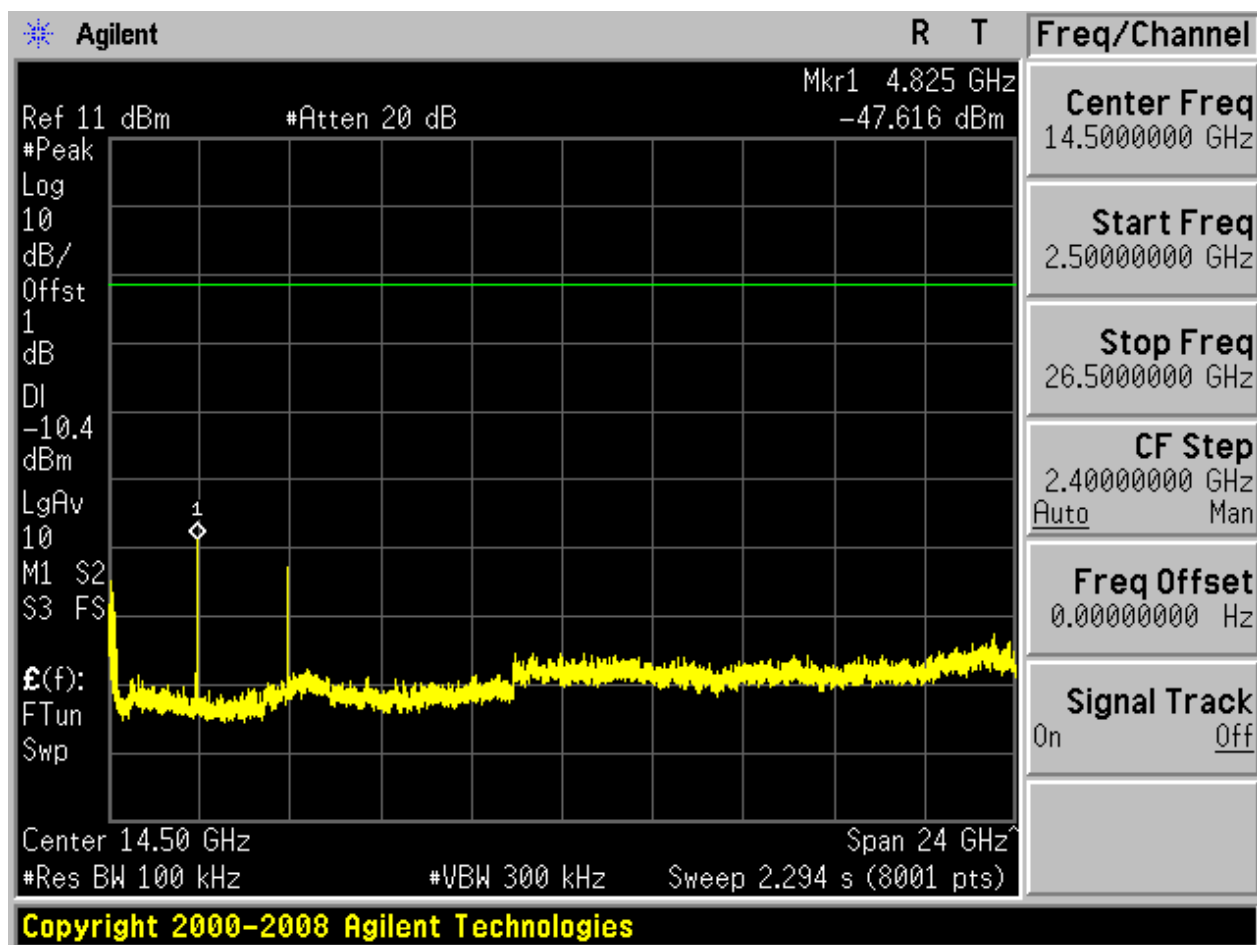






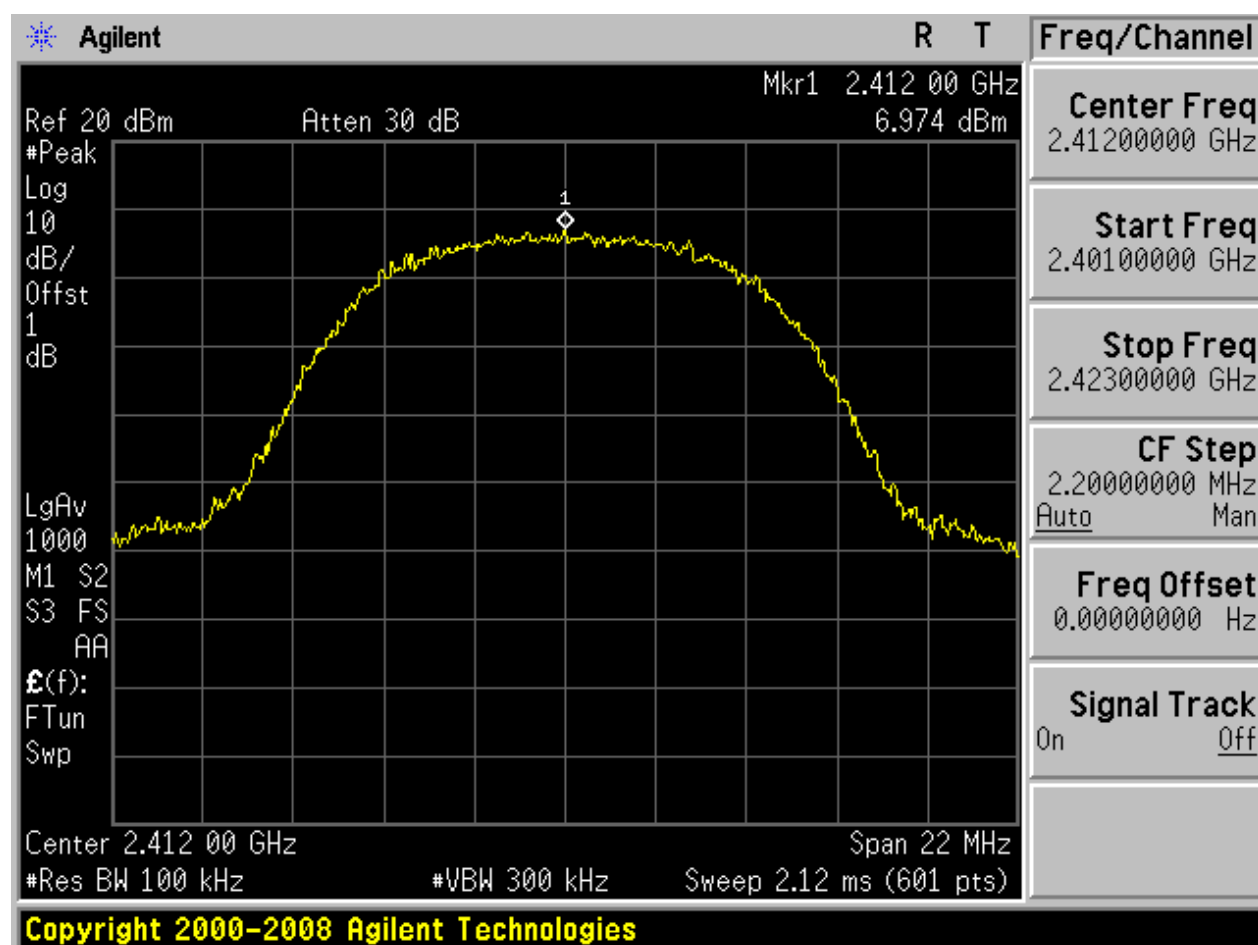




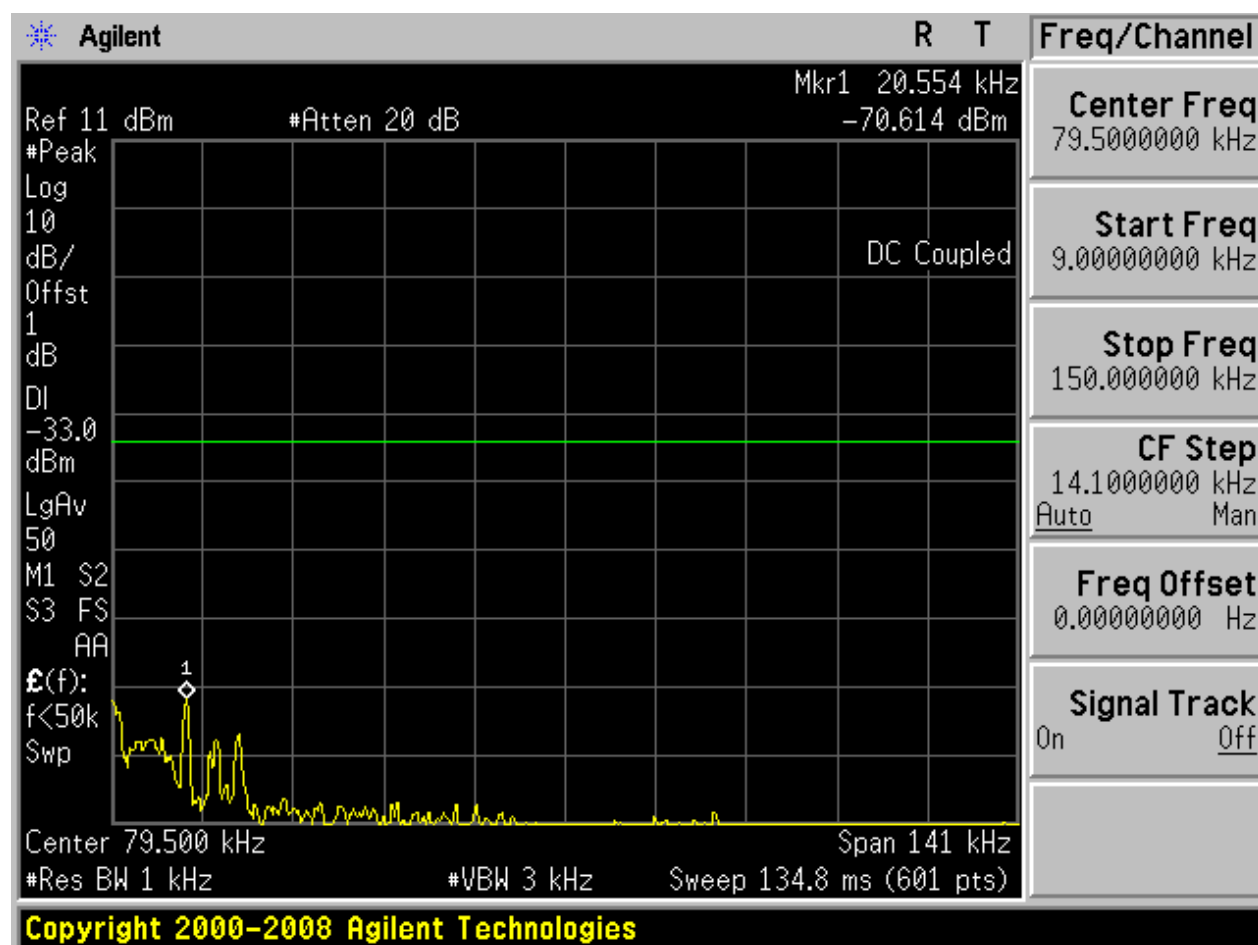


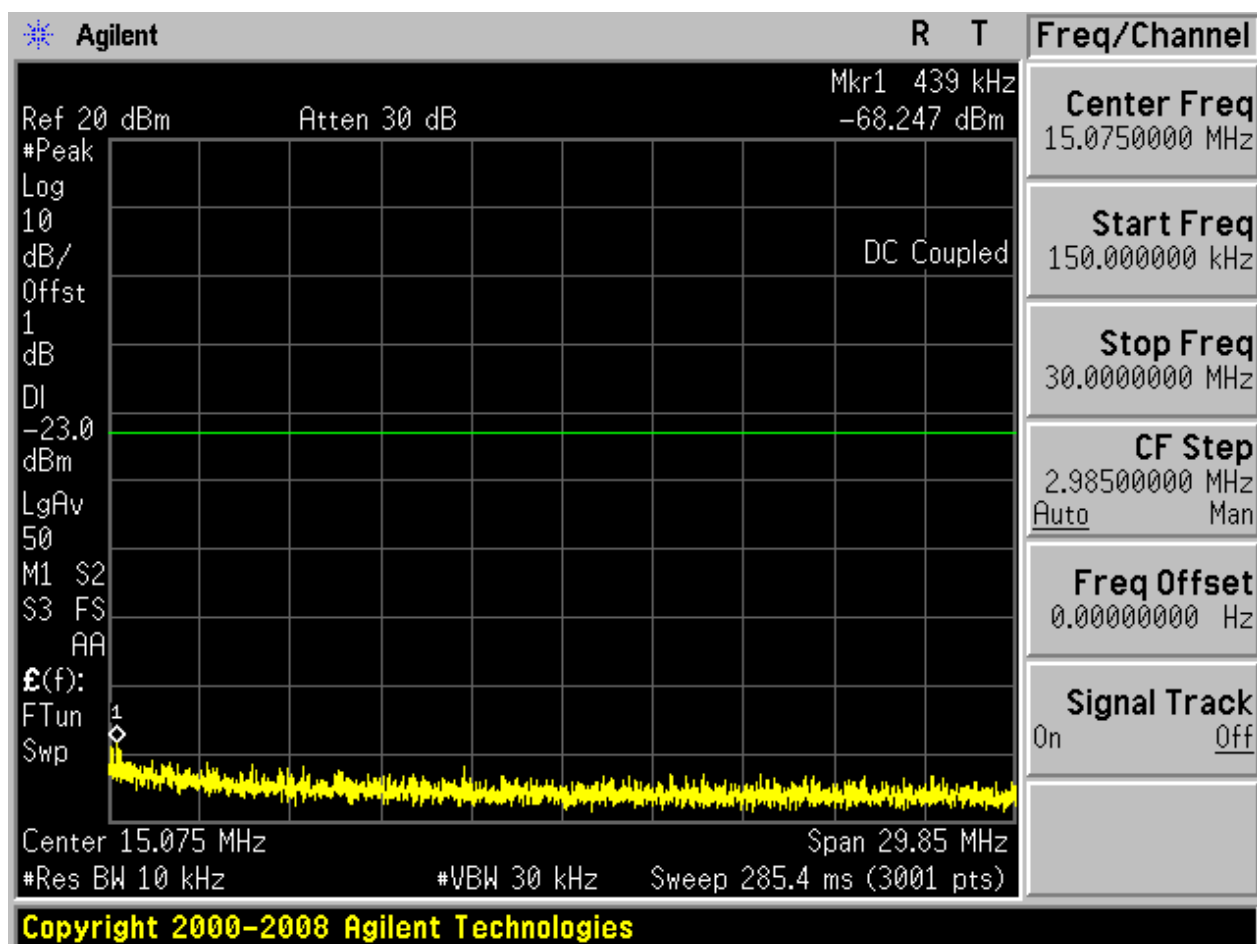
2.2 11B_L@Ant 2

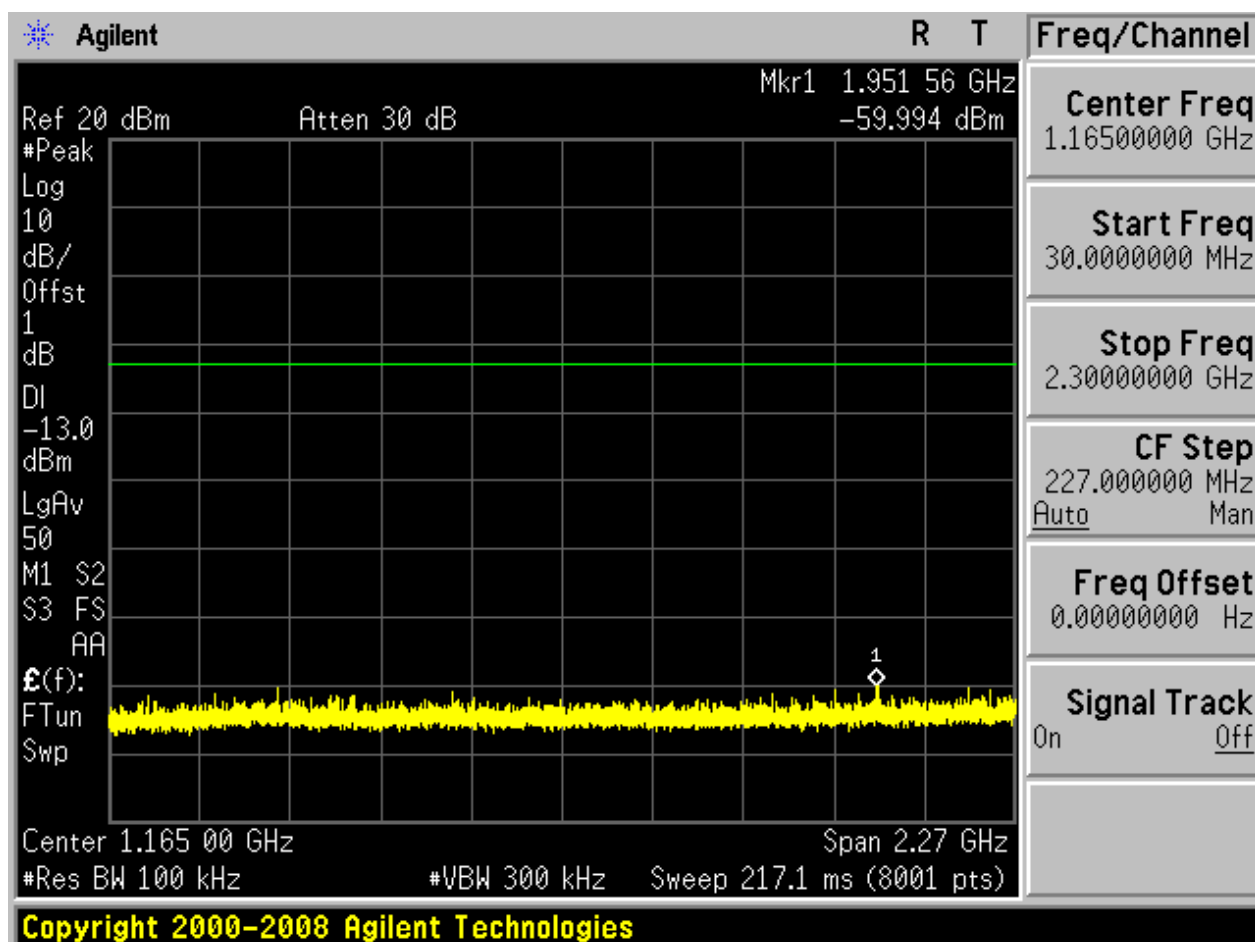
Pref:

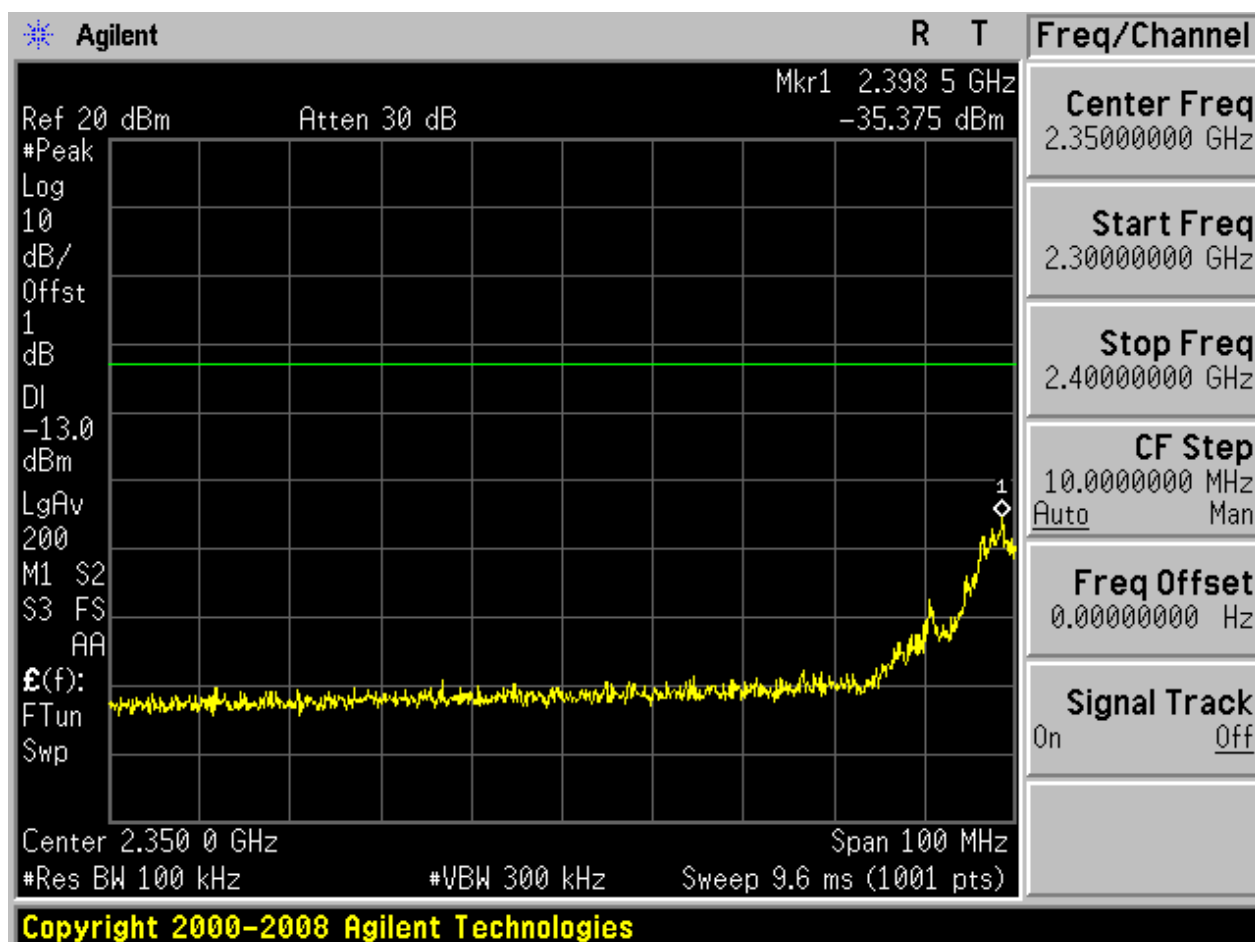


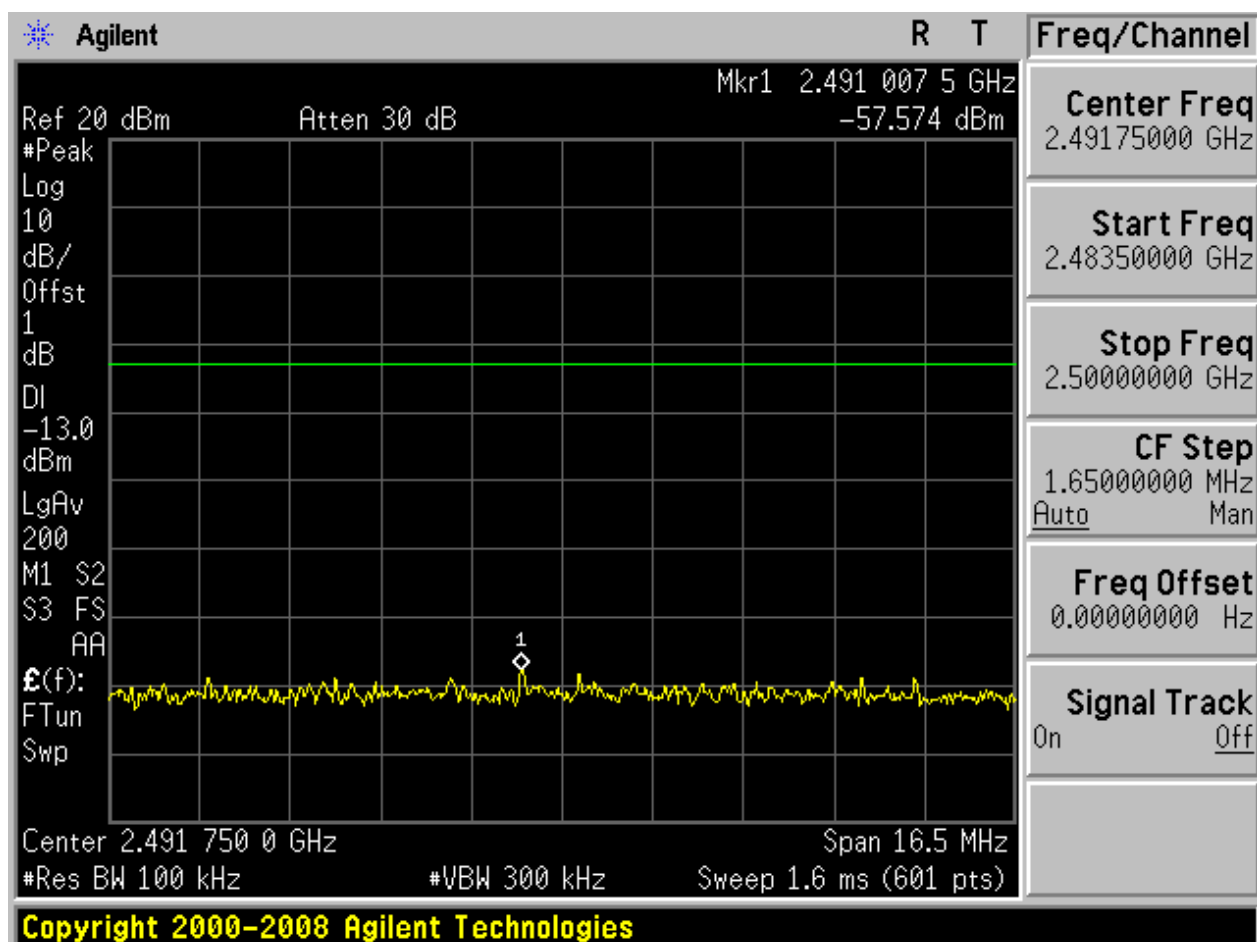
Puw:

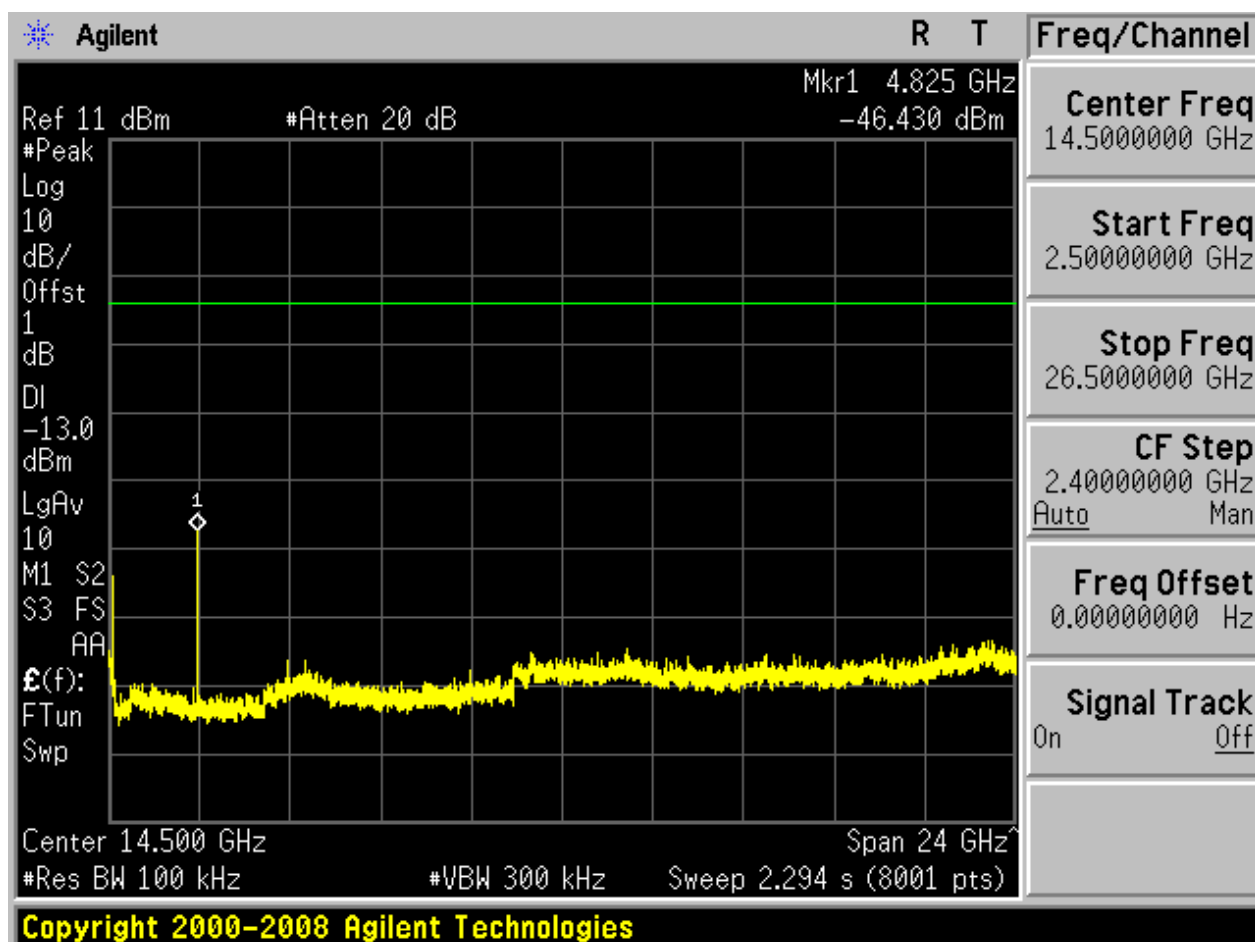






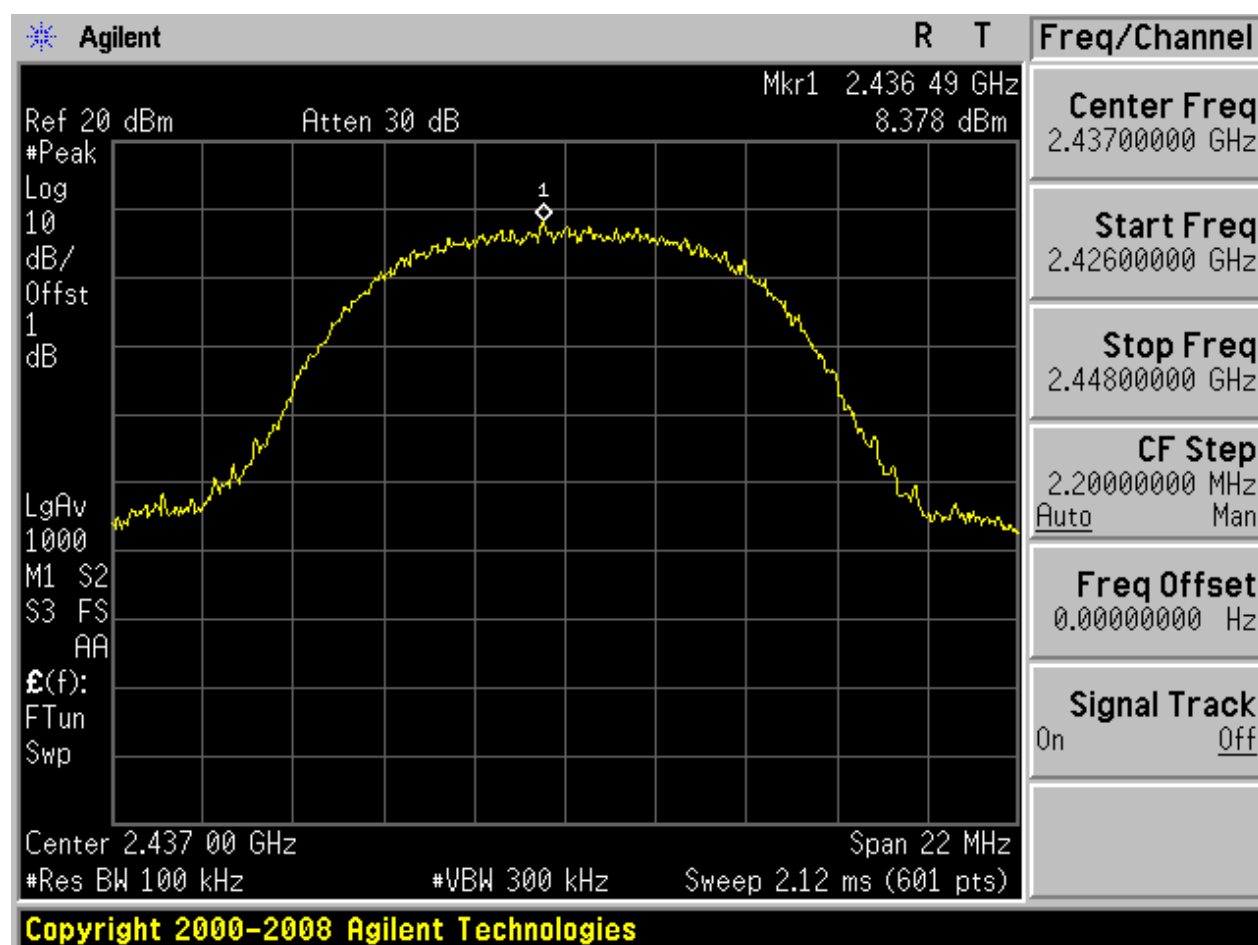






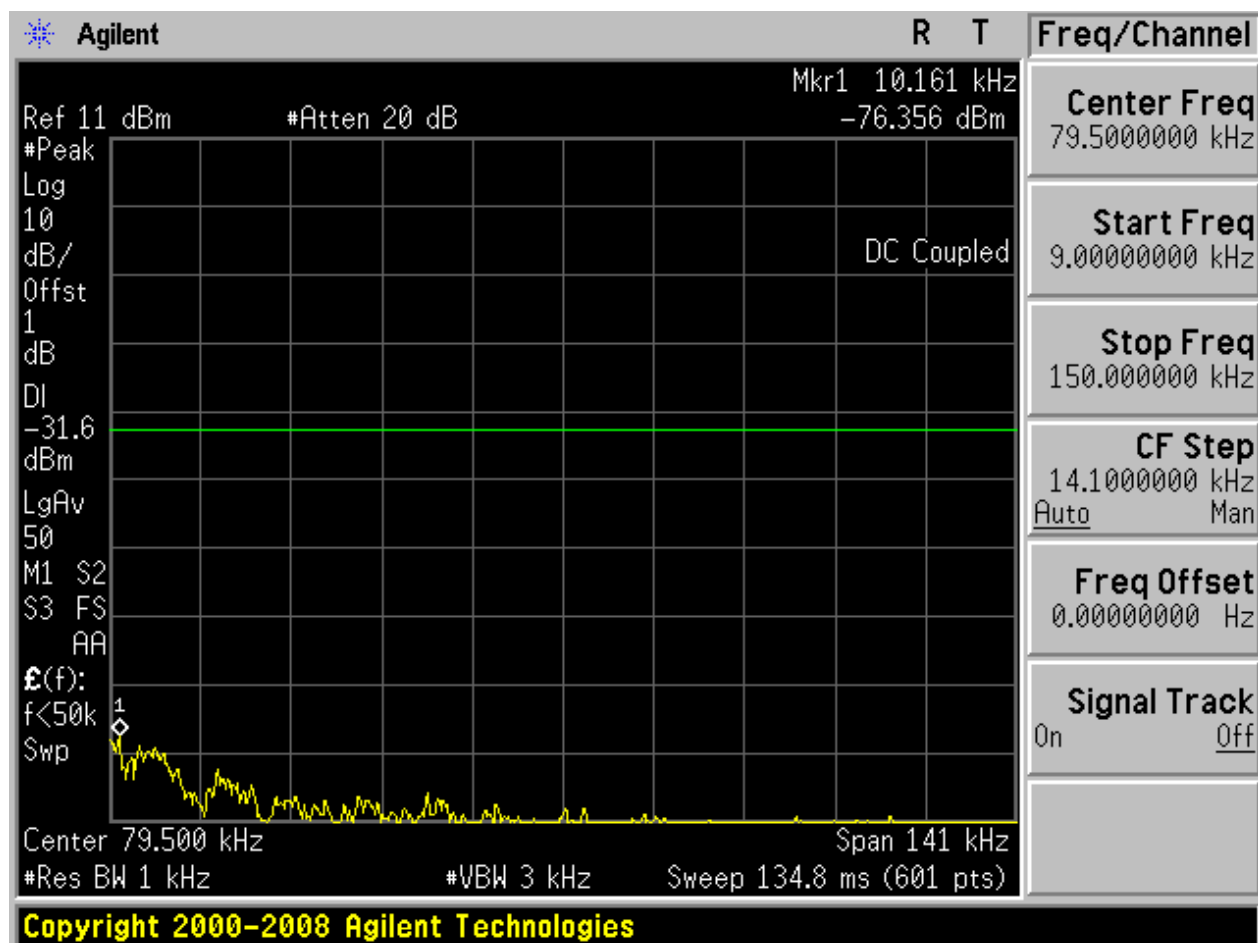
2.3 11B_M@Ant 1

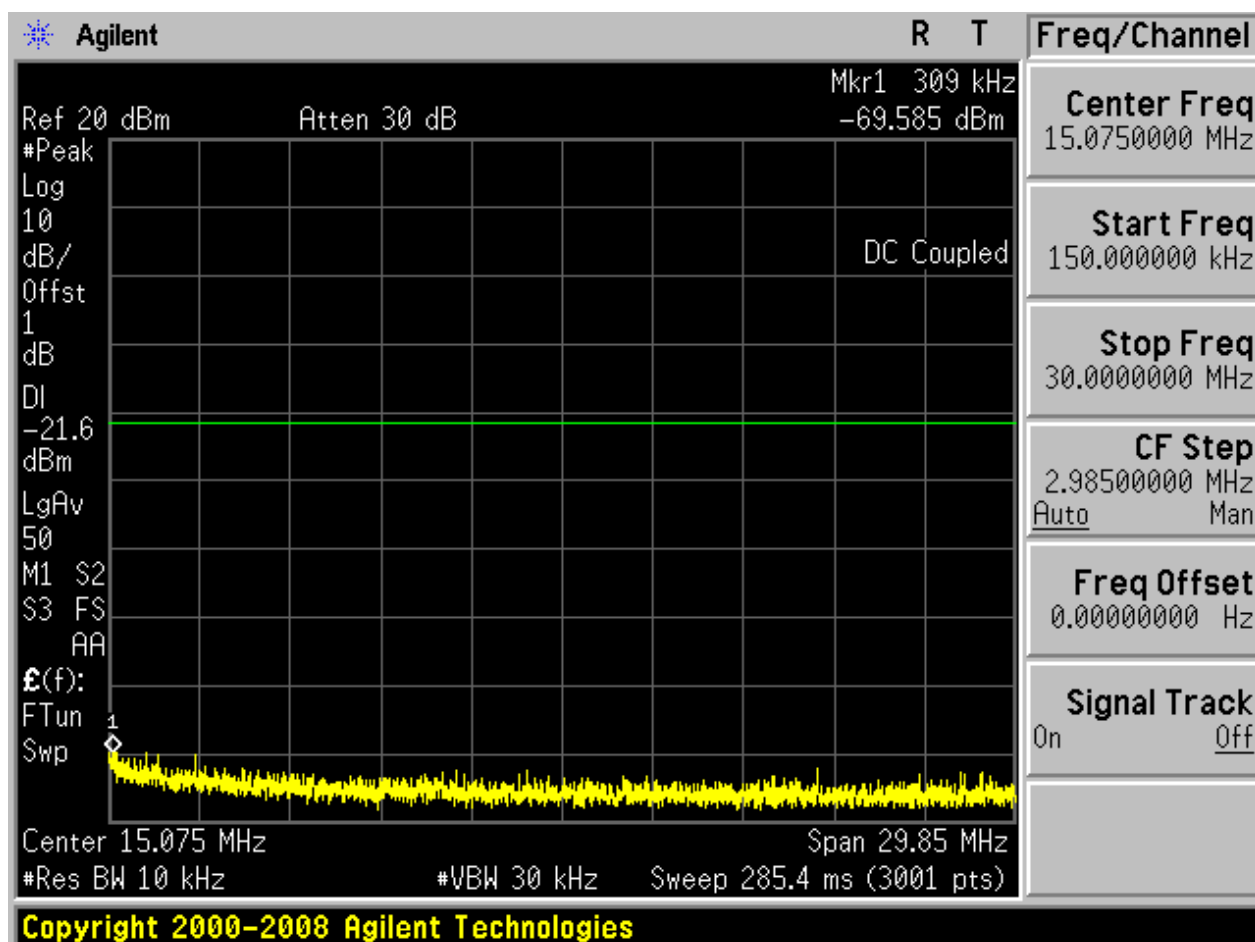
Pref:

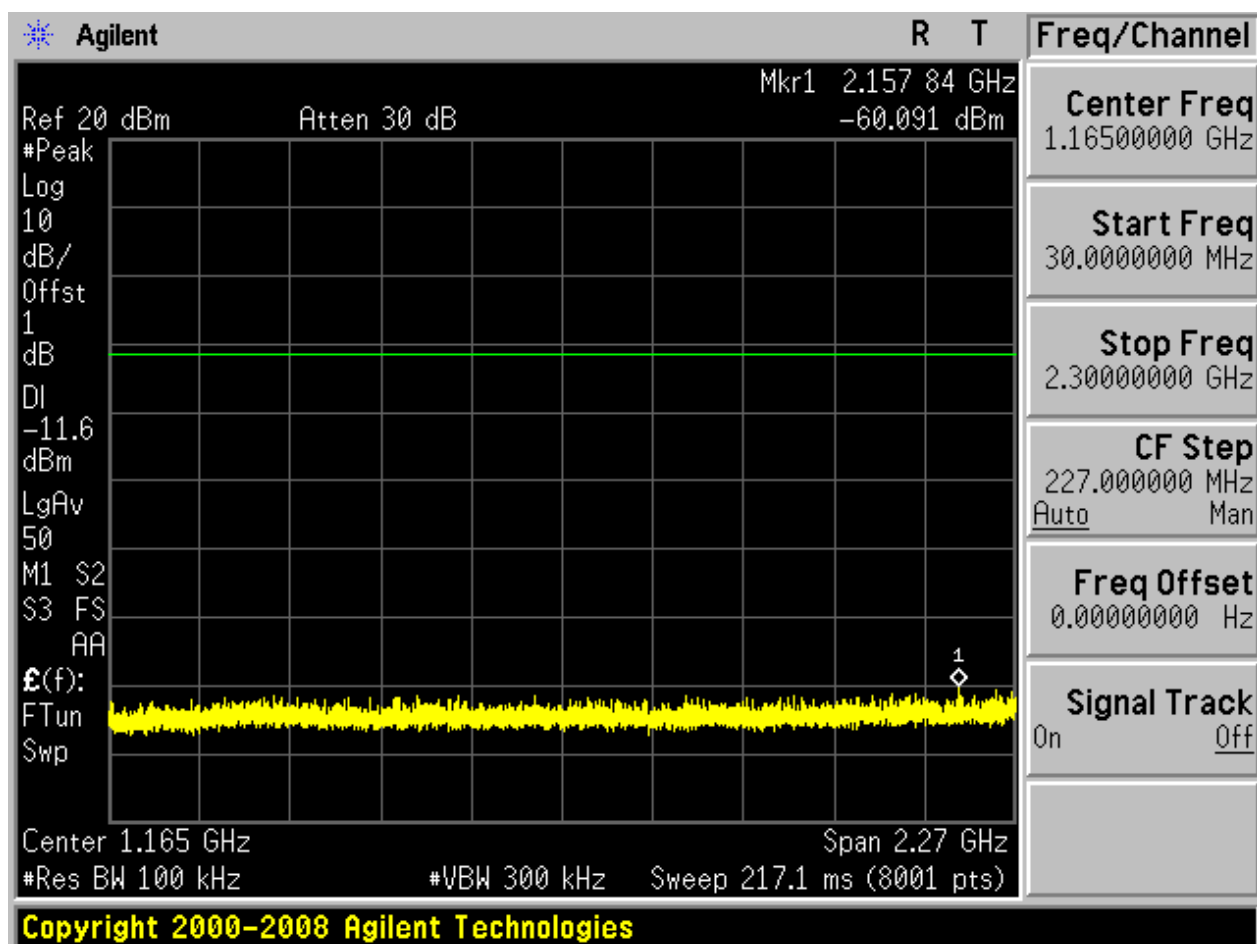


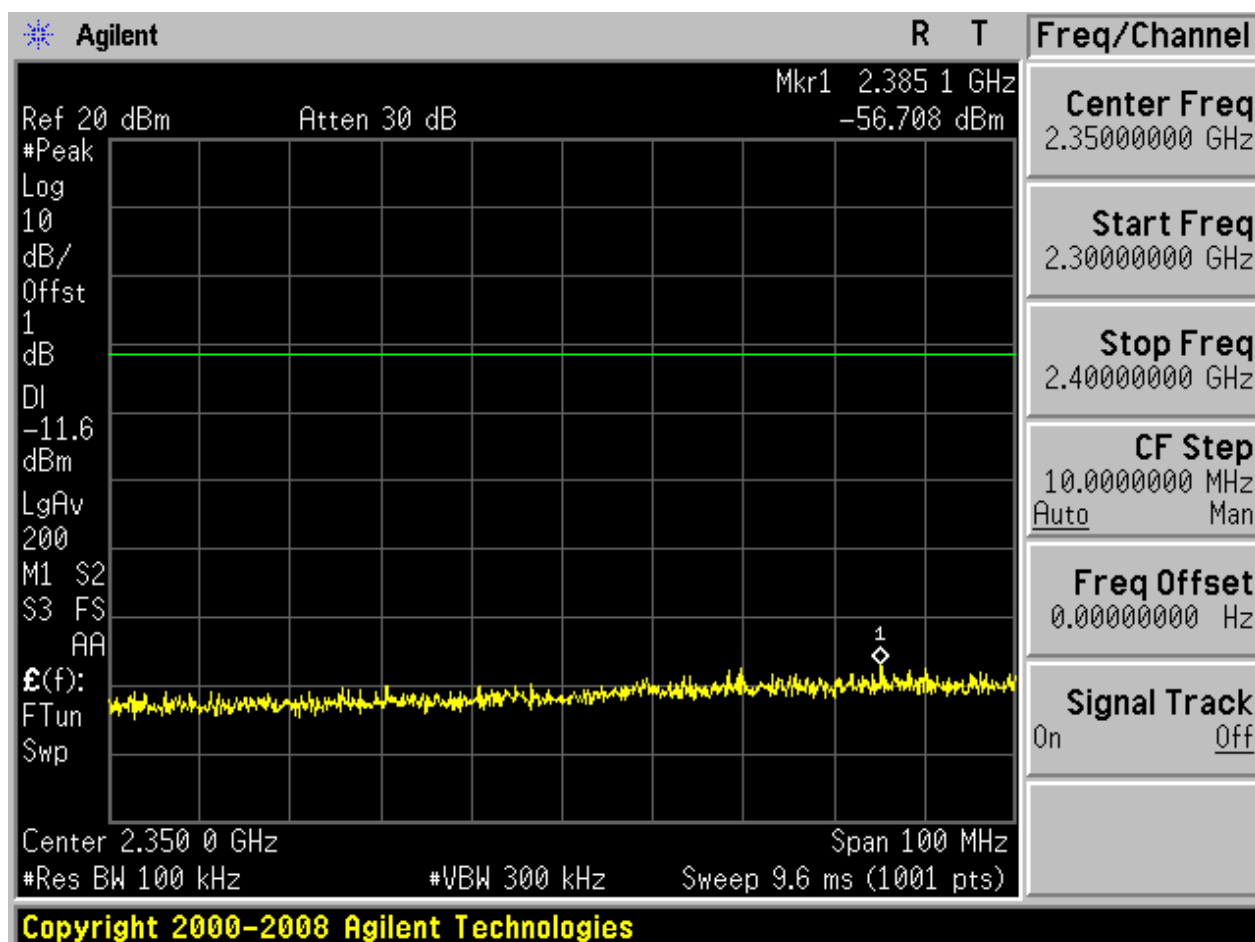


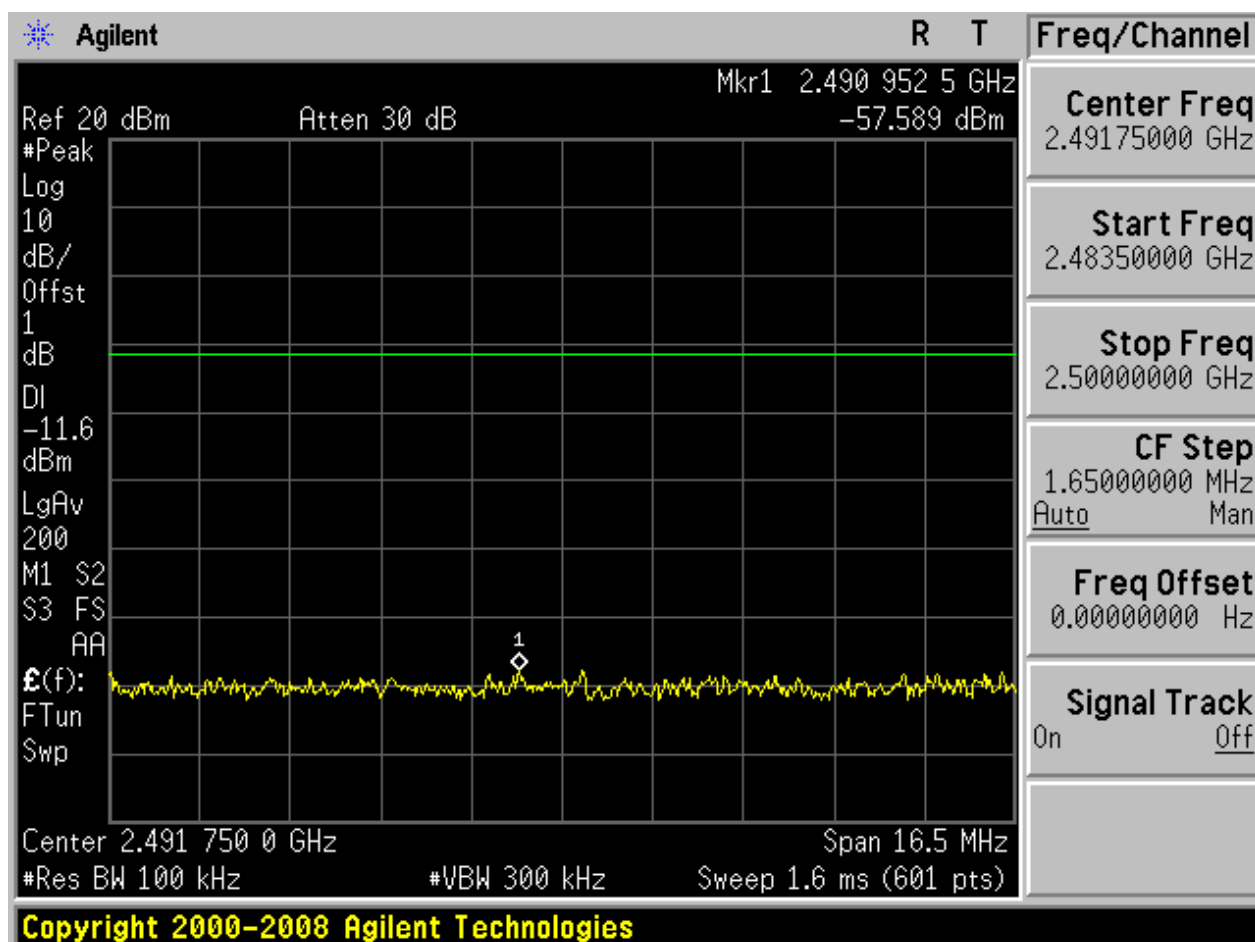
Puw:

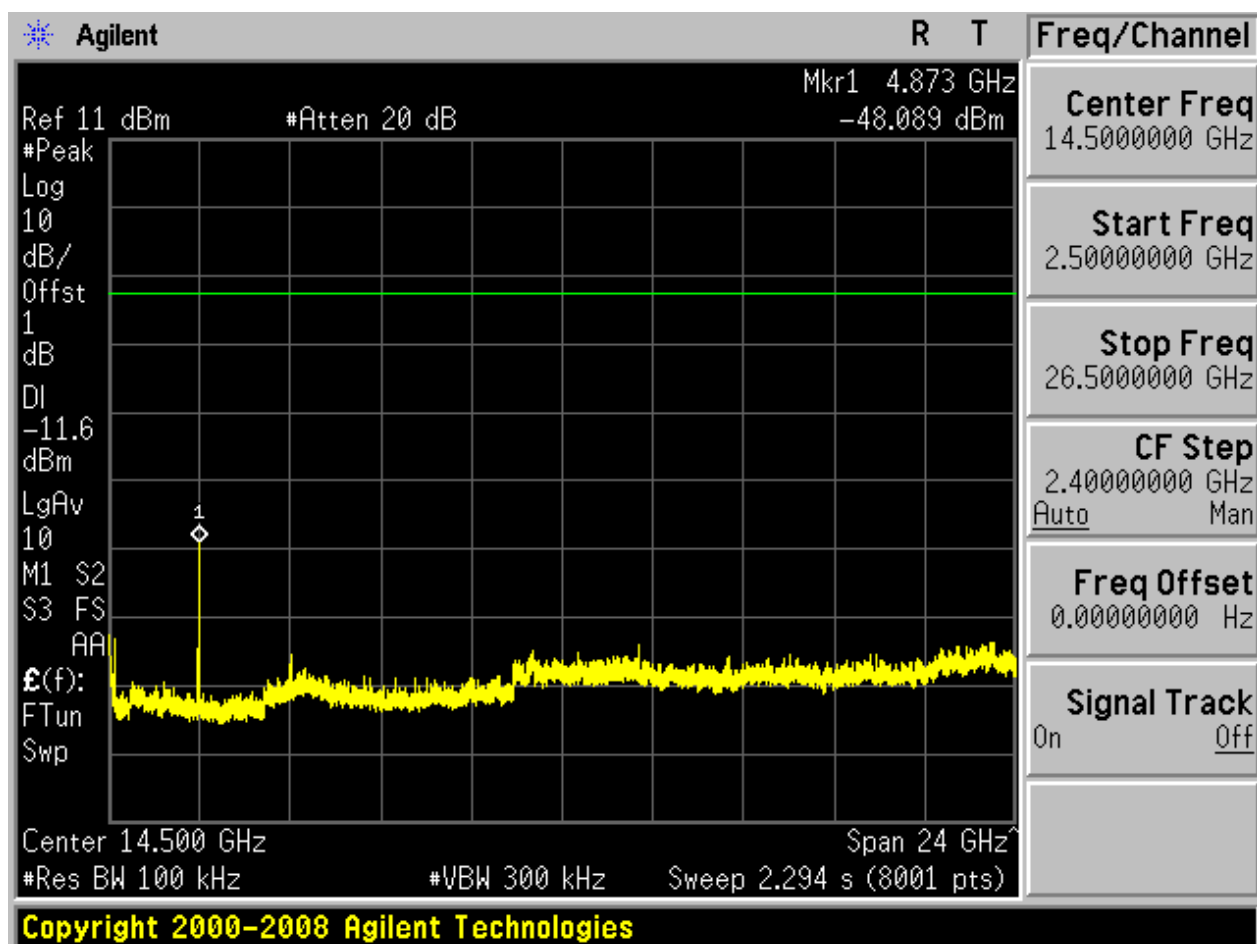






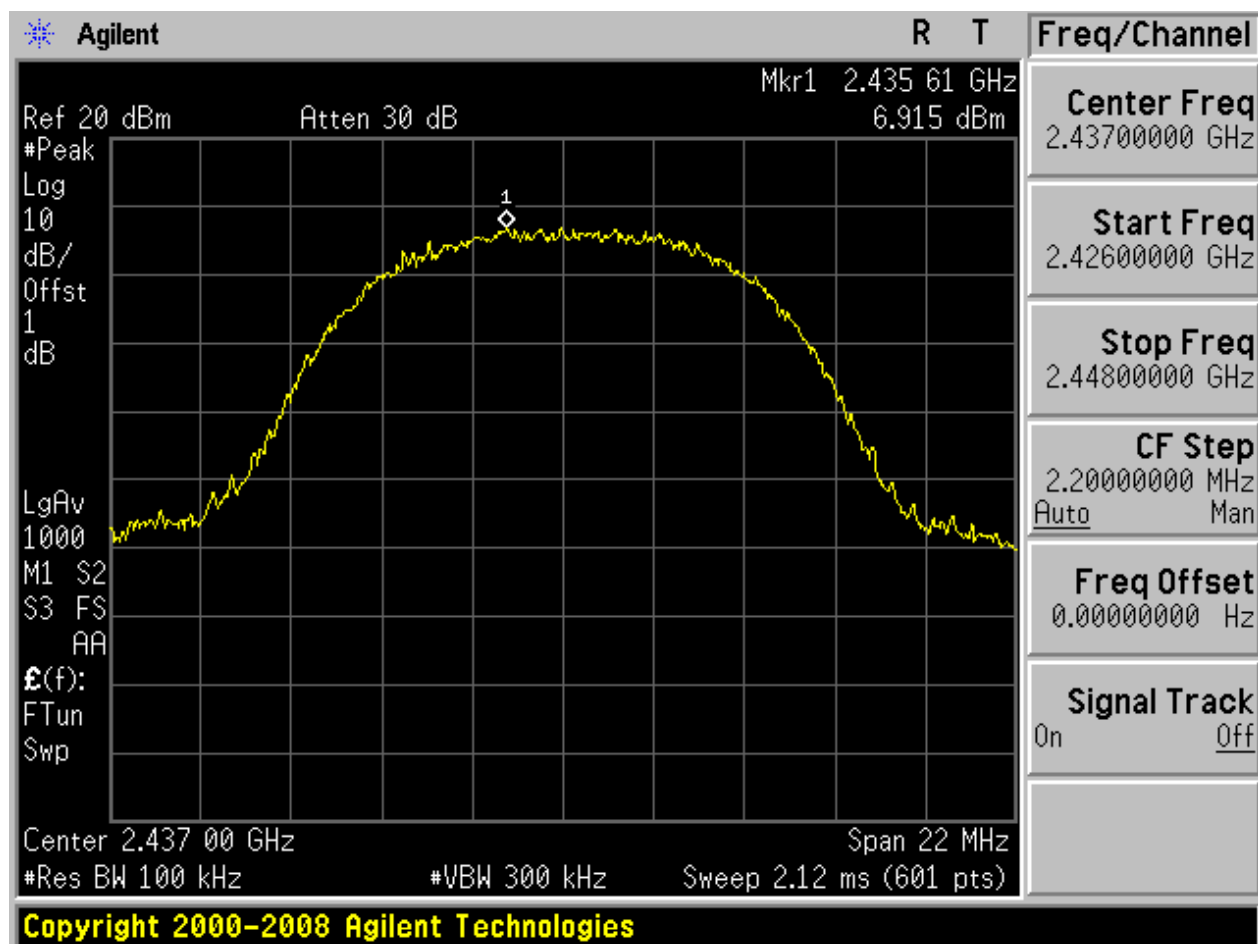




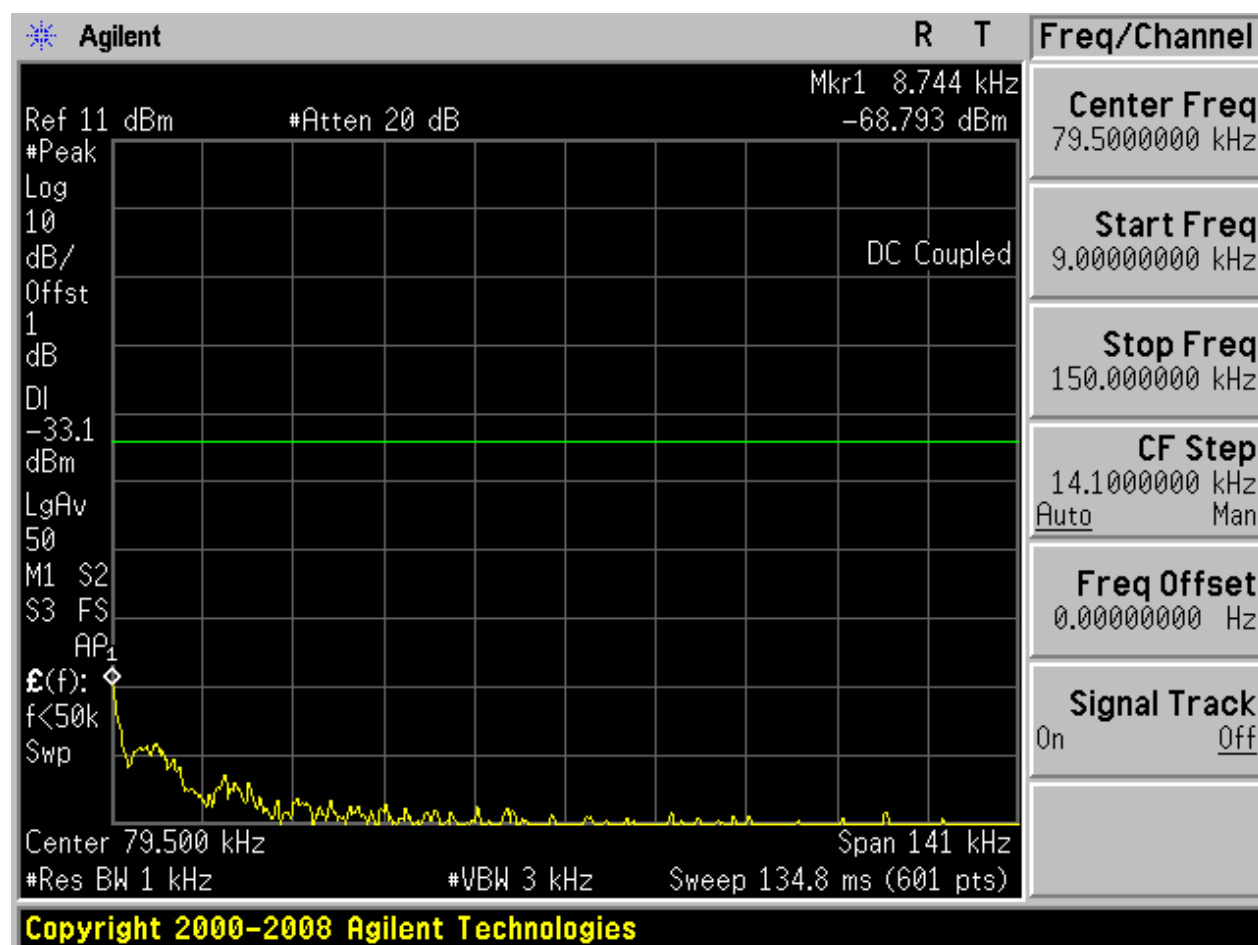


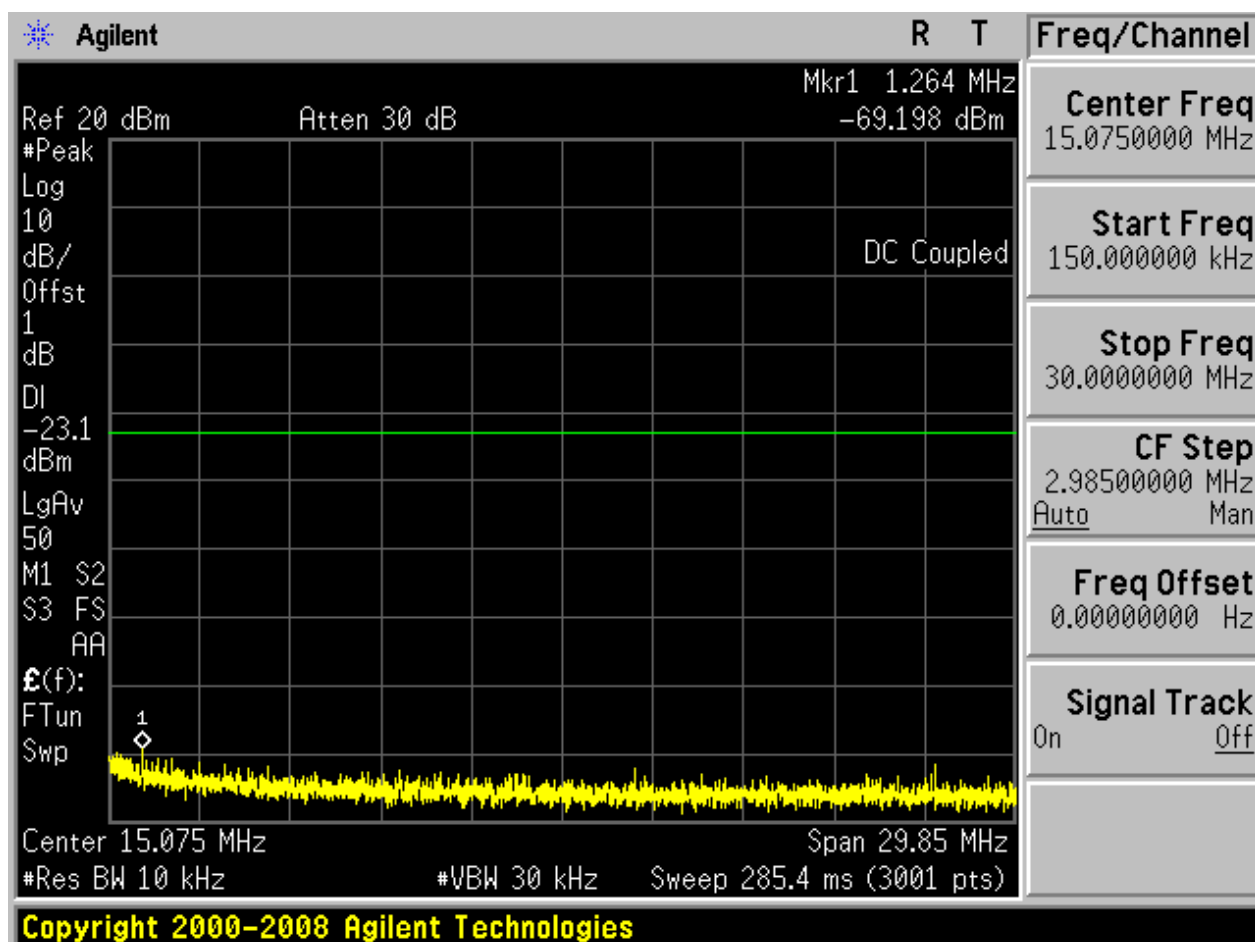
2.4 11B_M@Ant 2

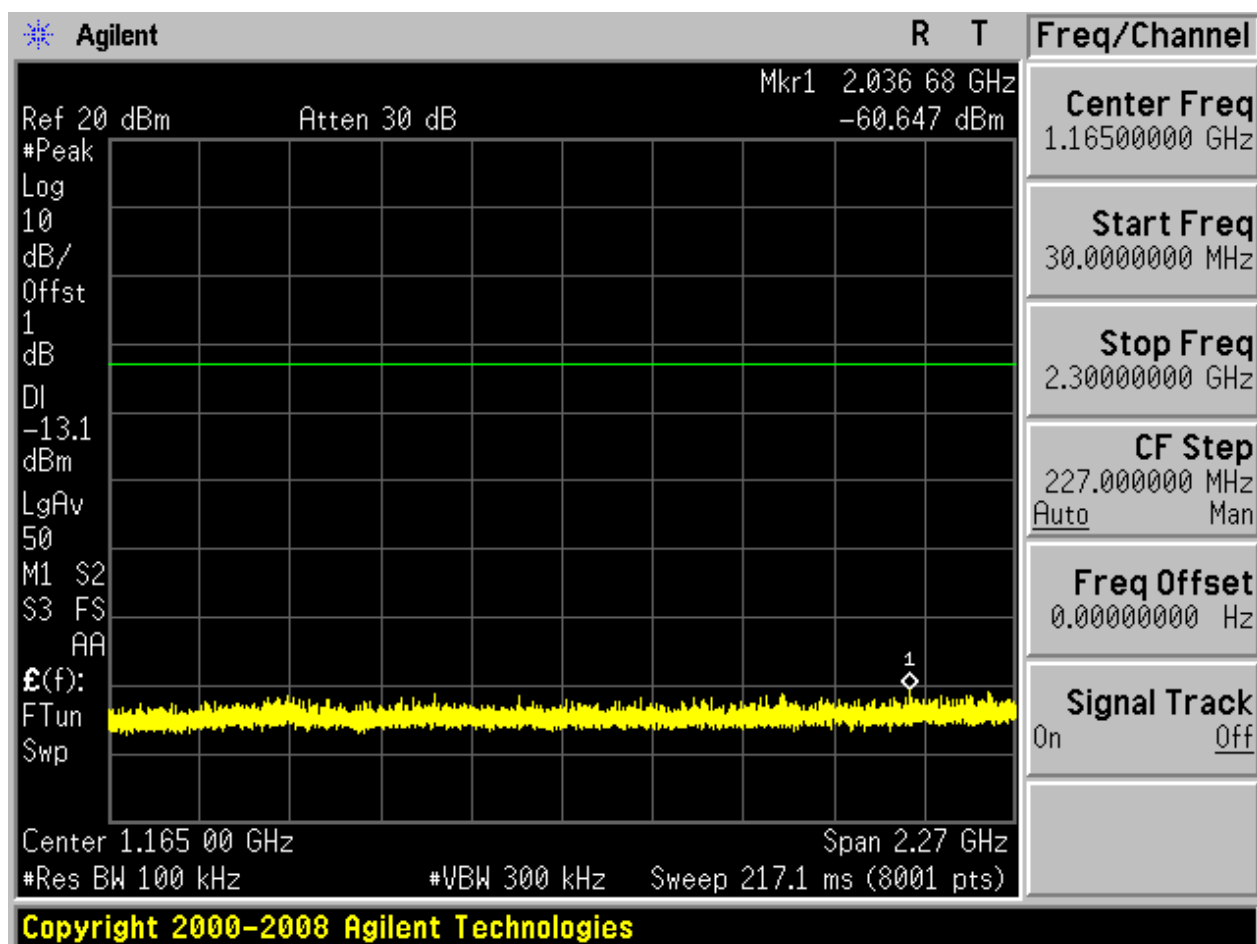
Pref:

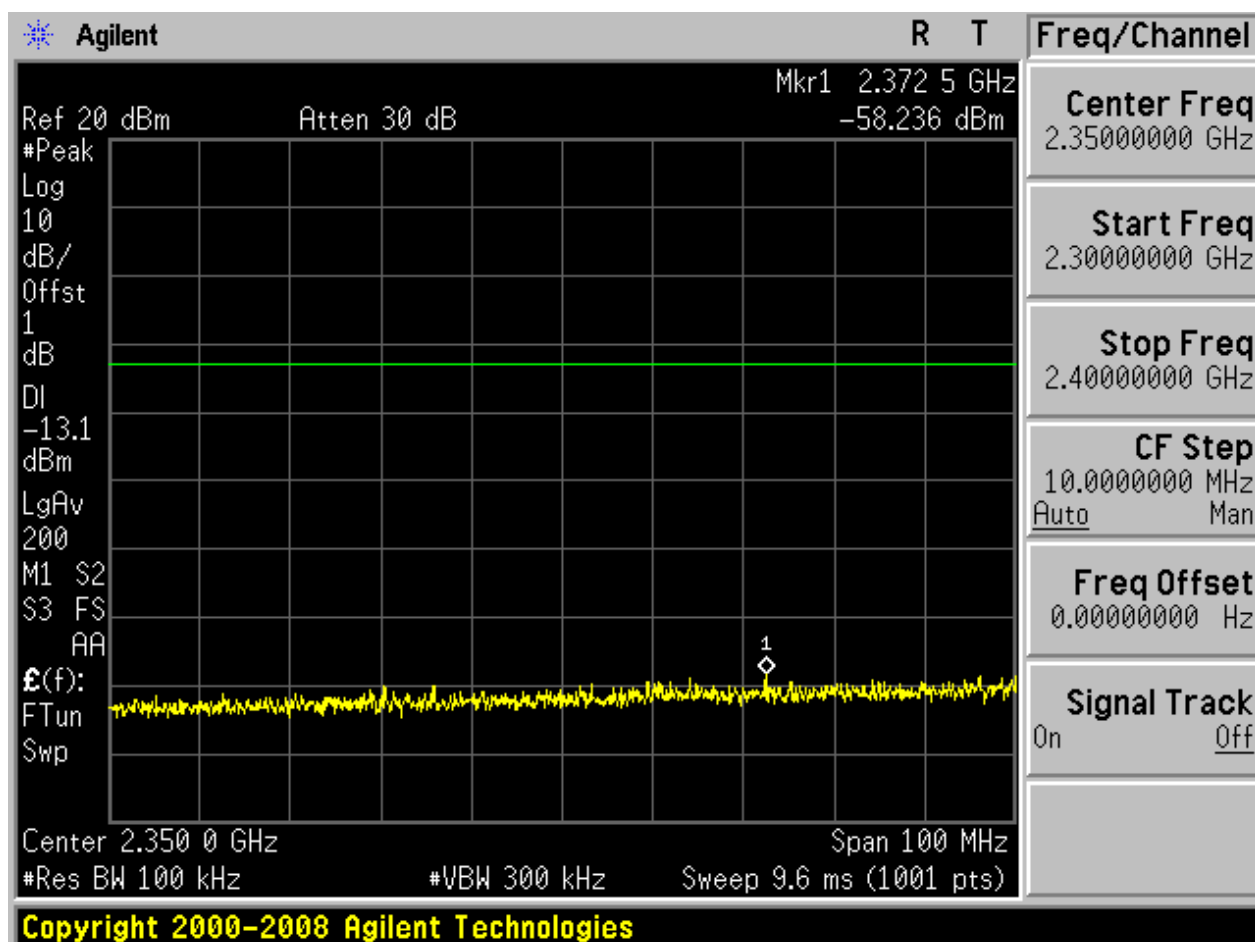


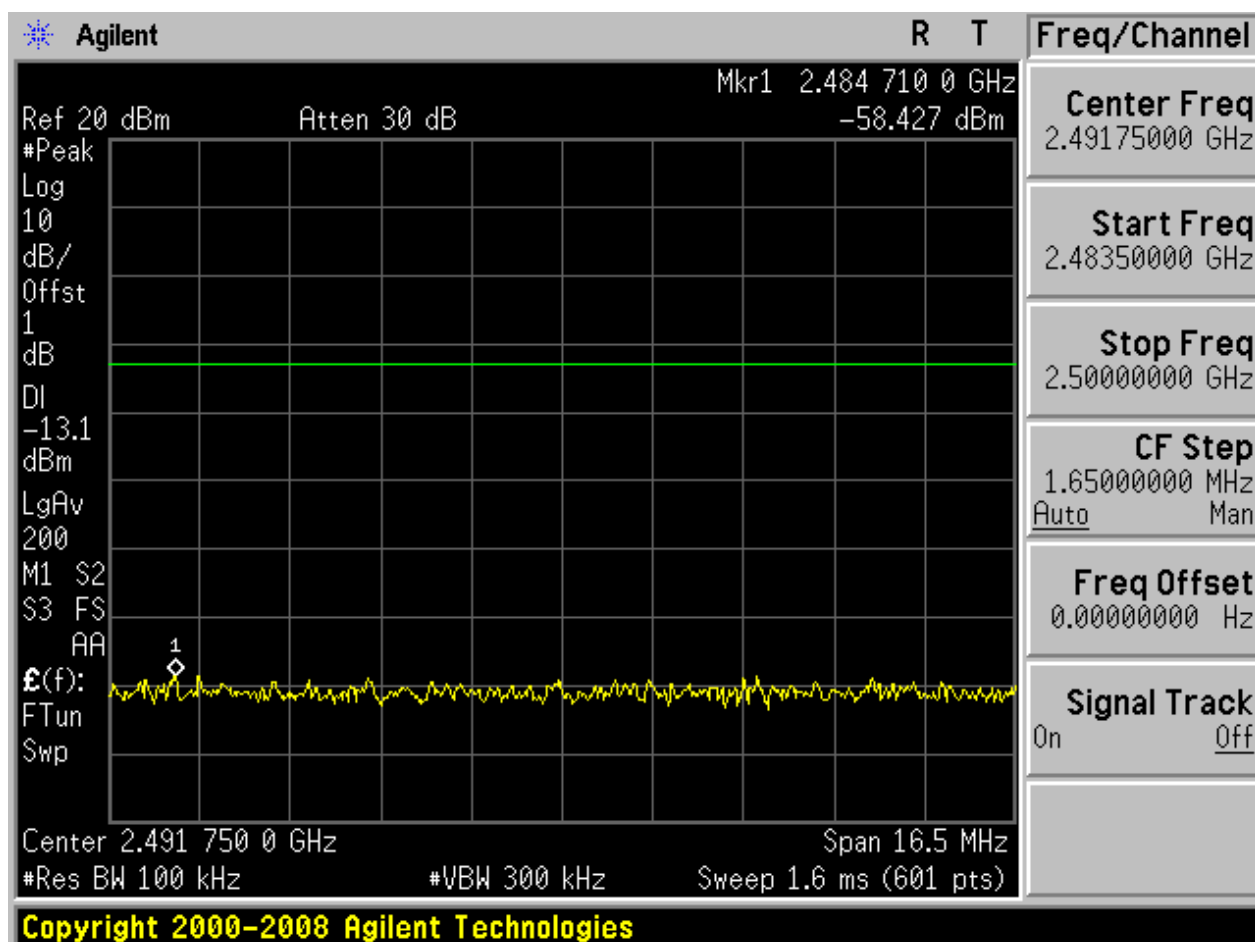
Puw:

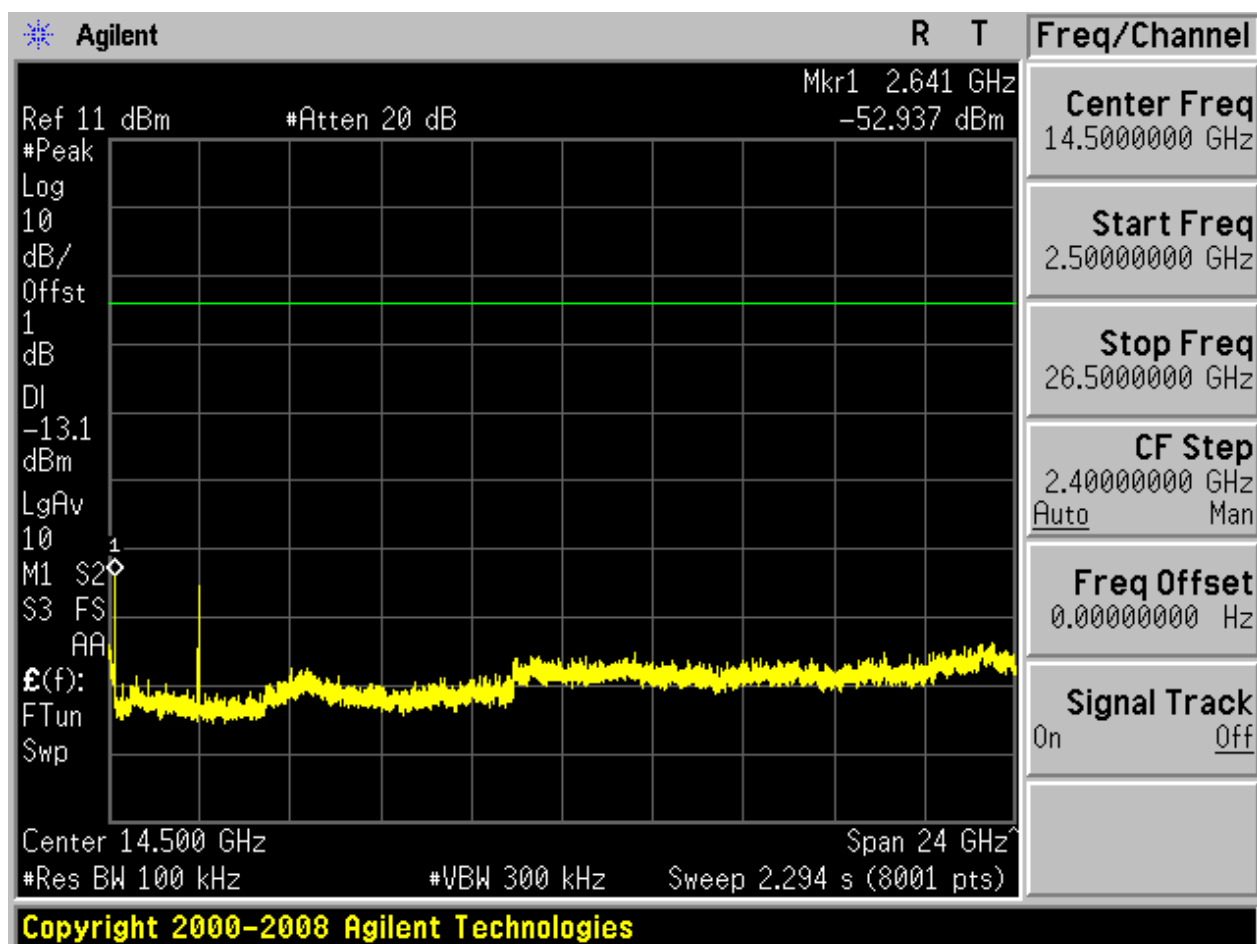






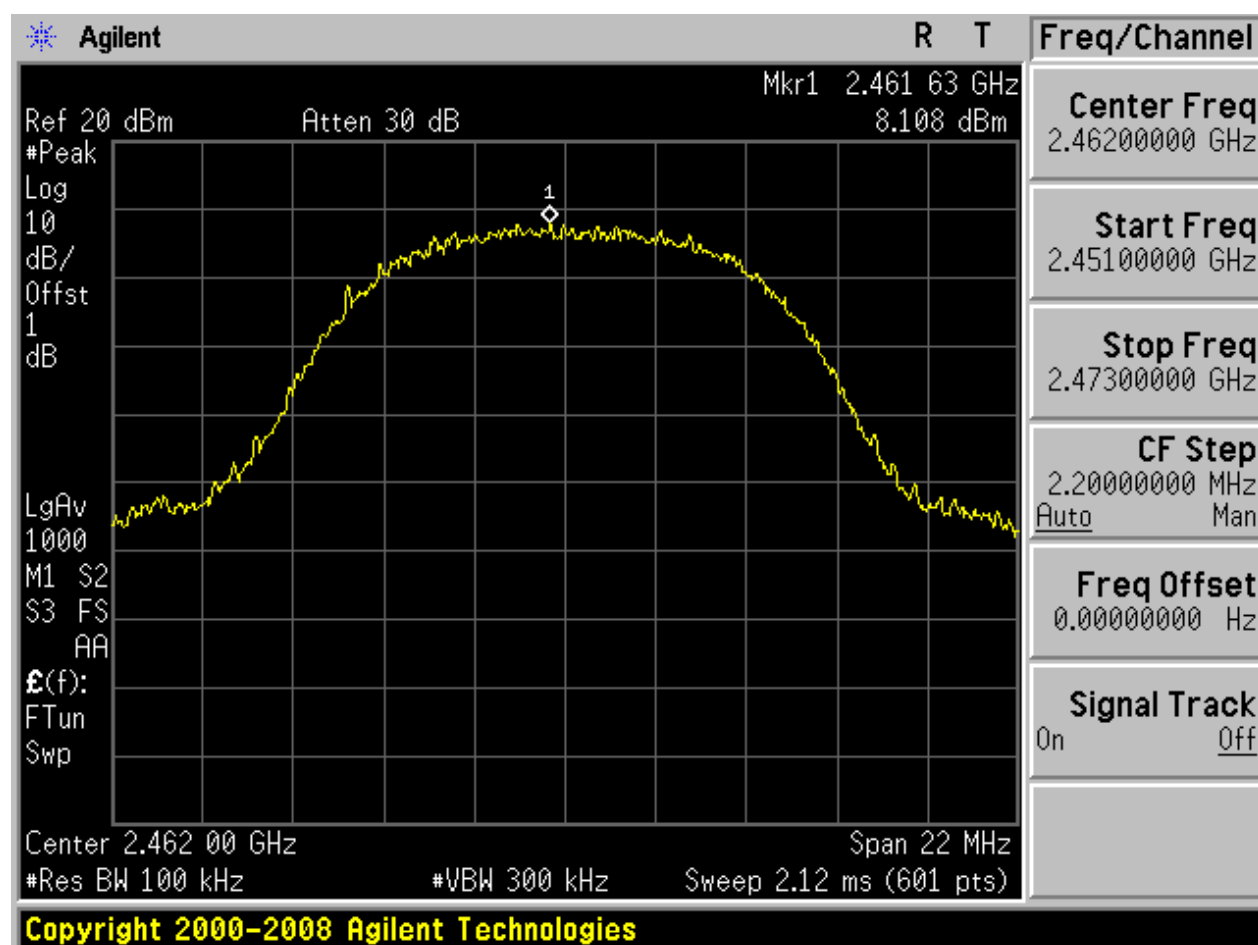




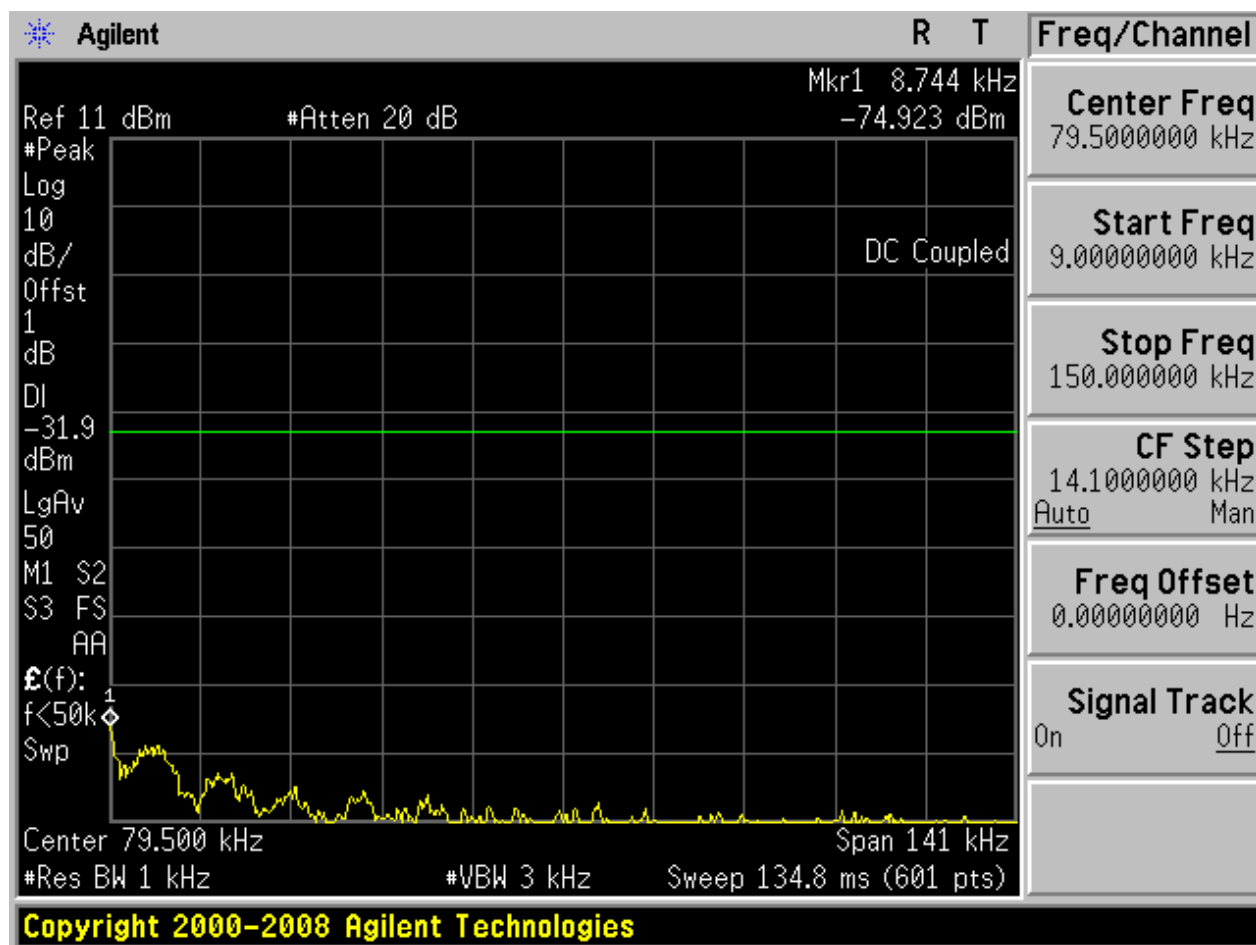


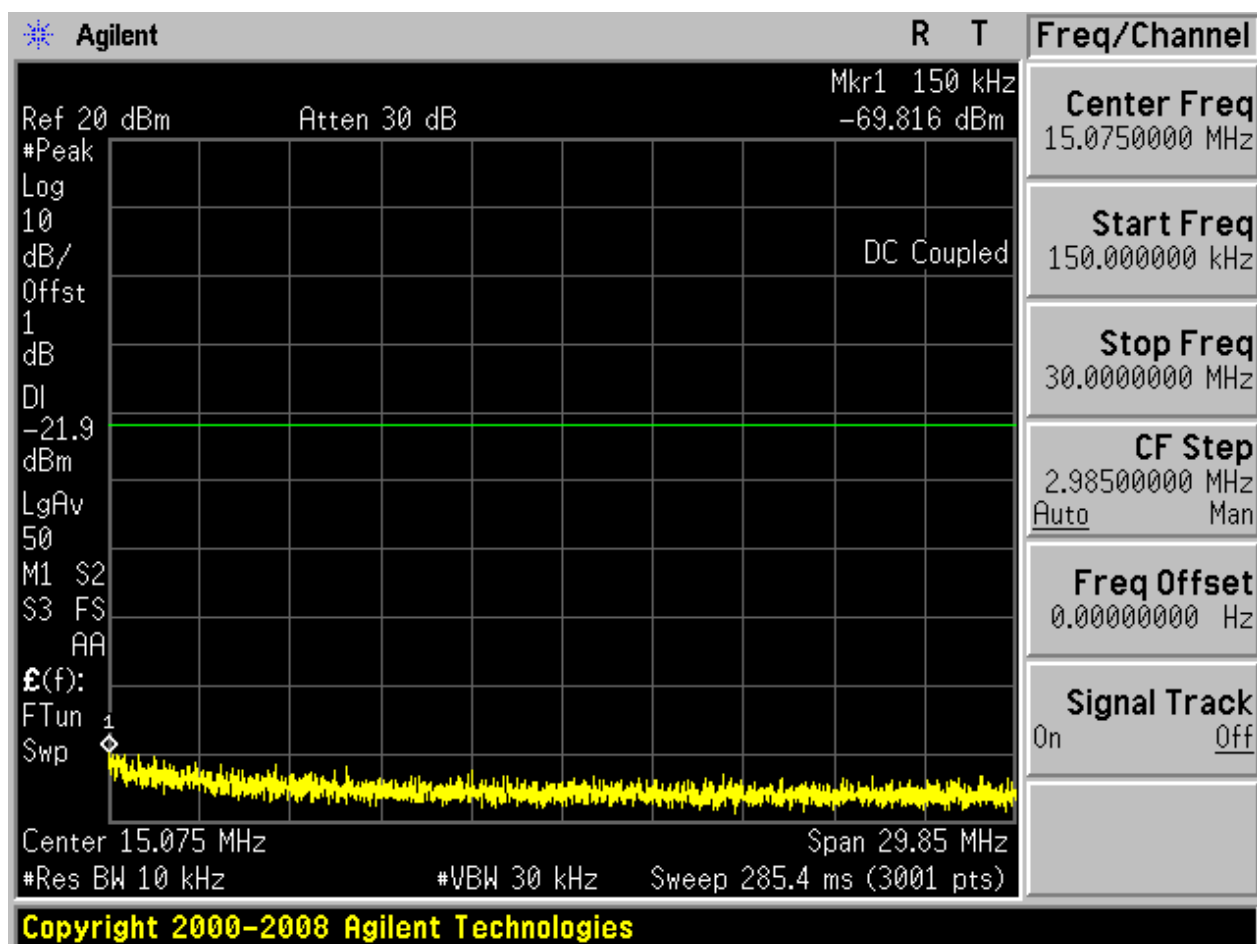
2.5 11B_H@Ant 1

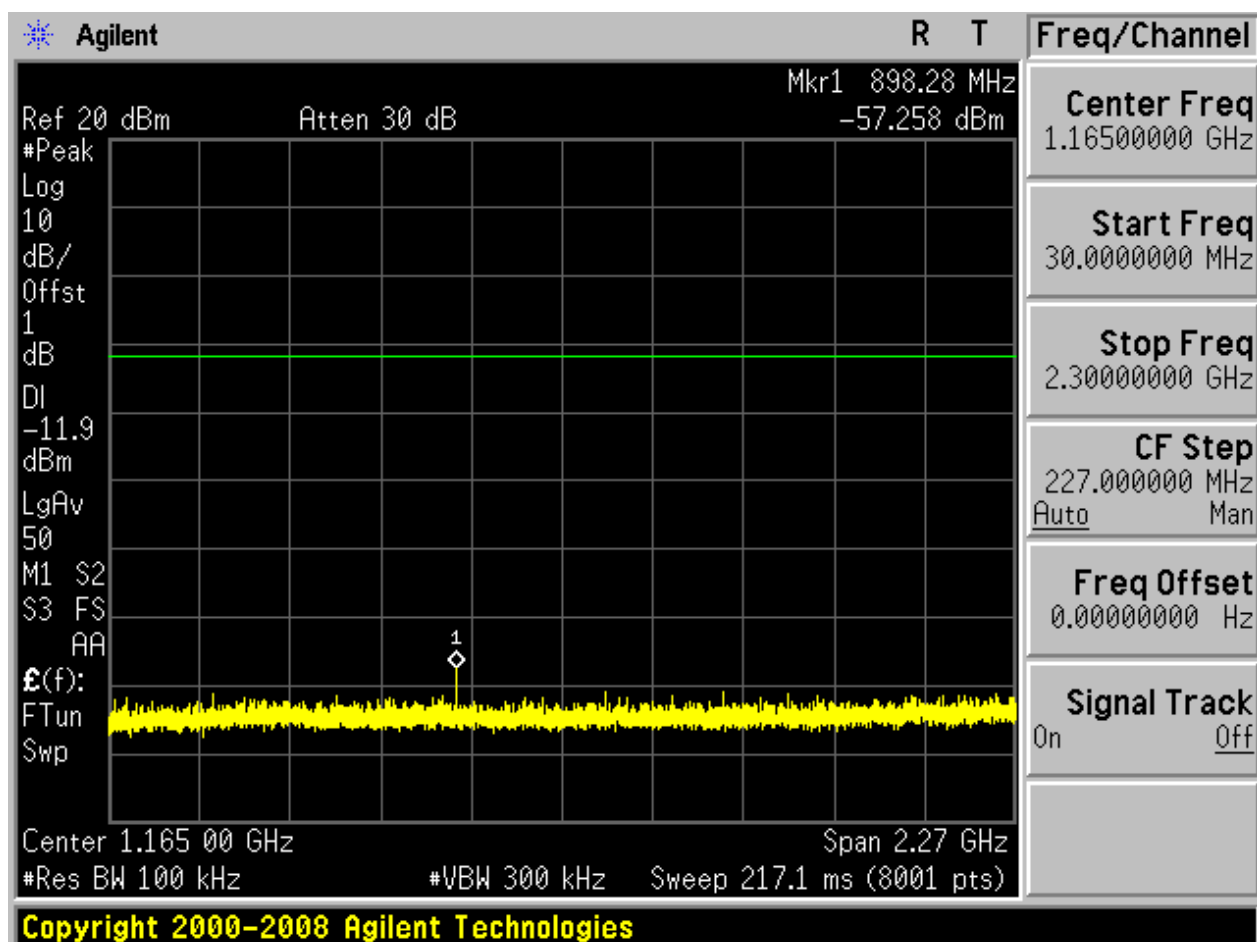
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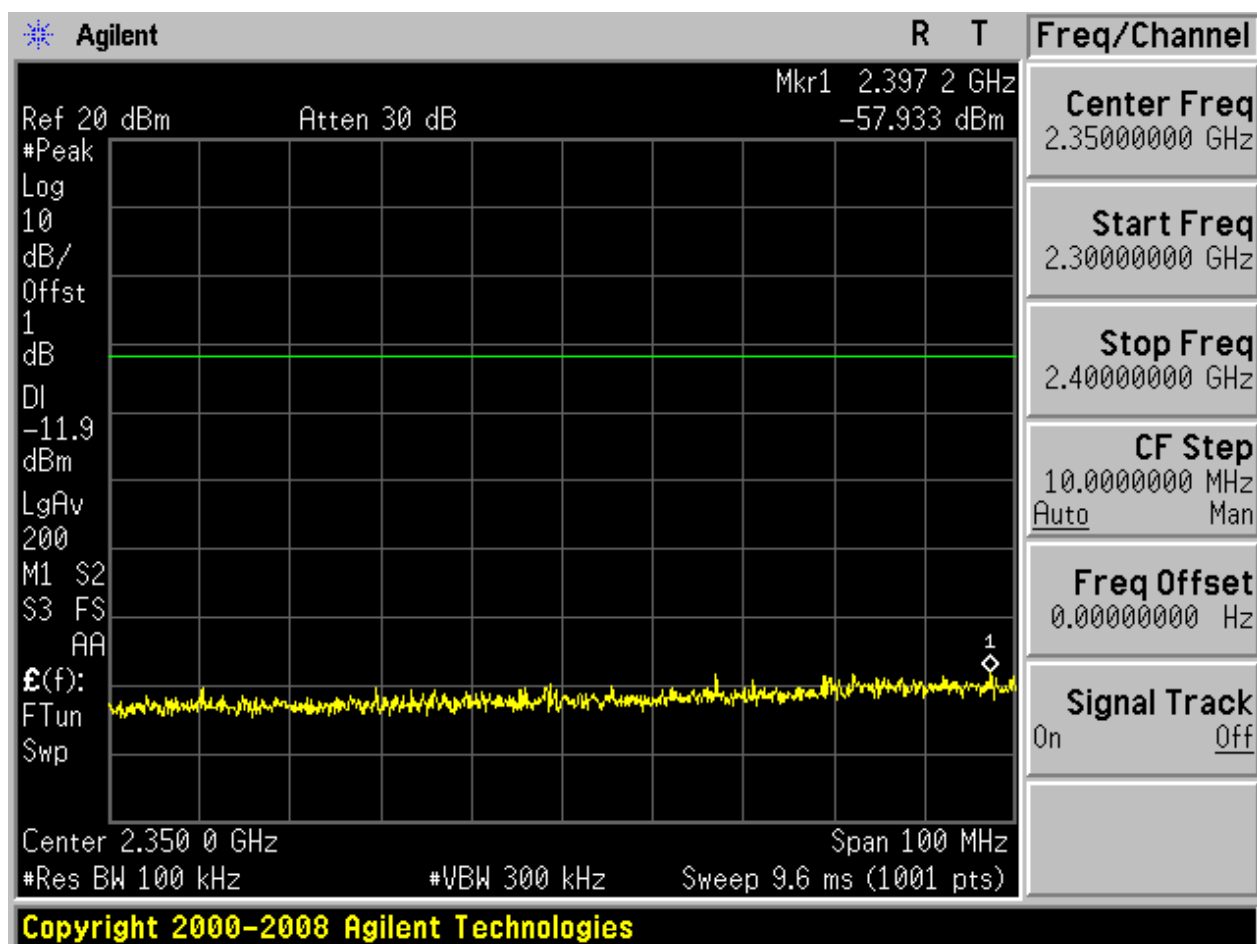


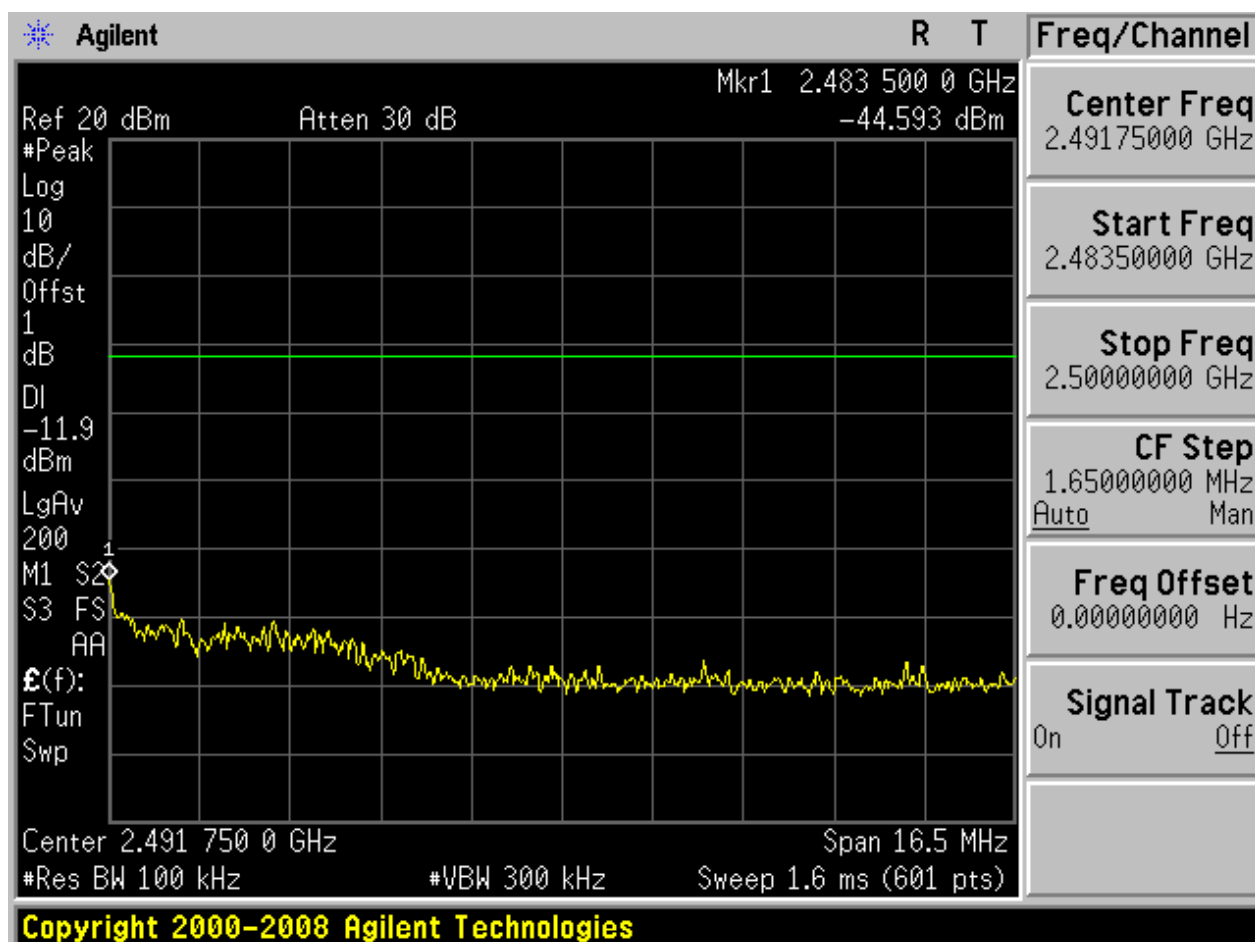
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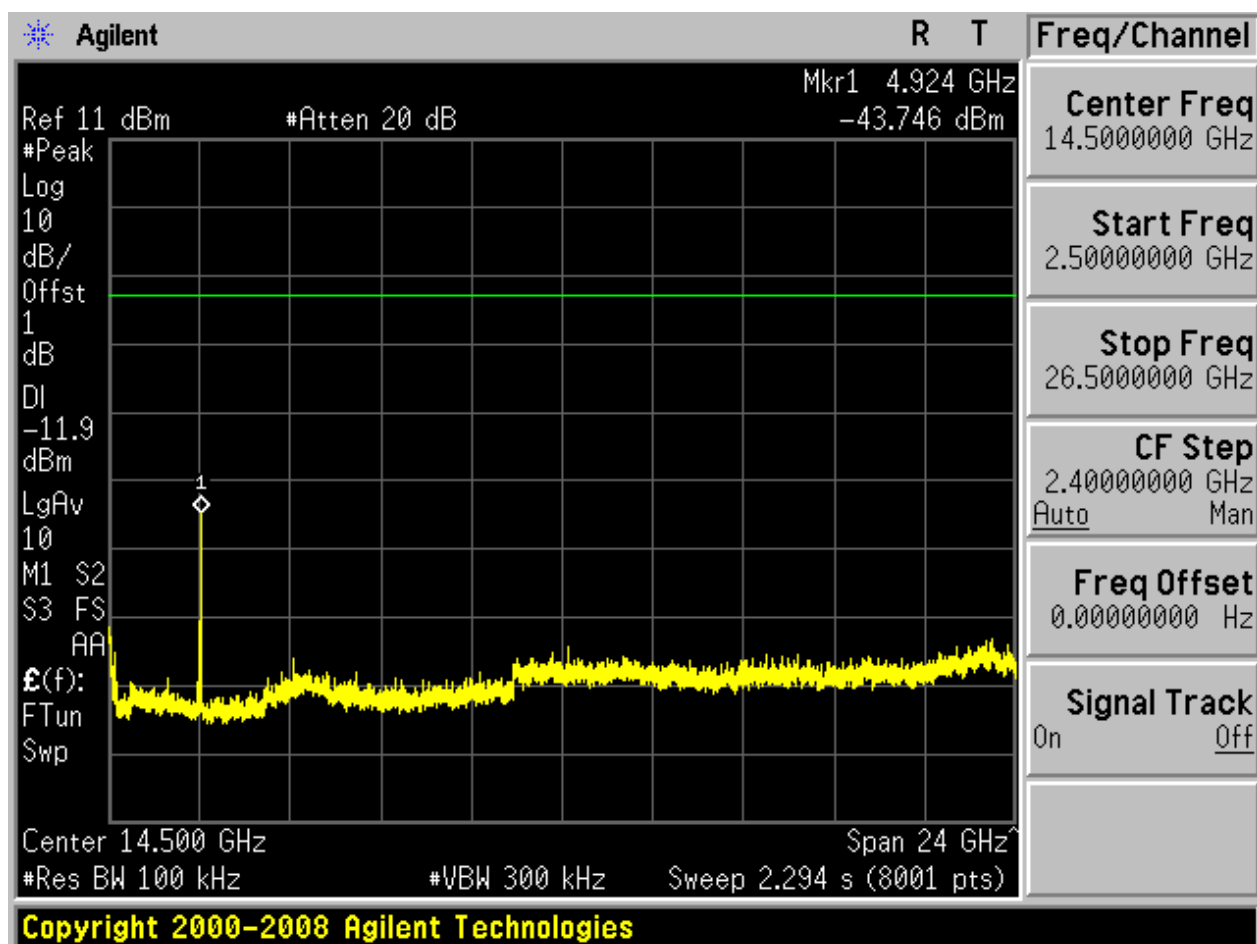








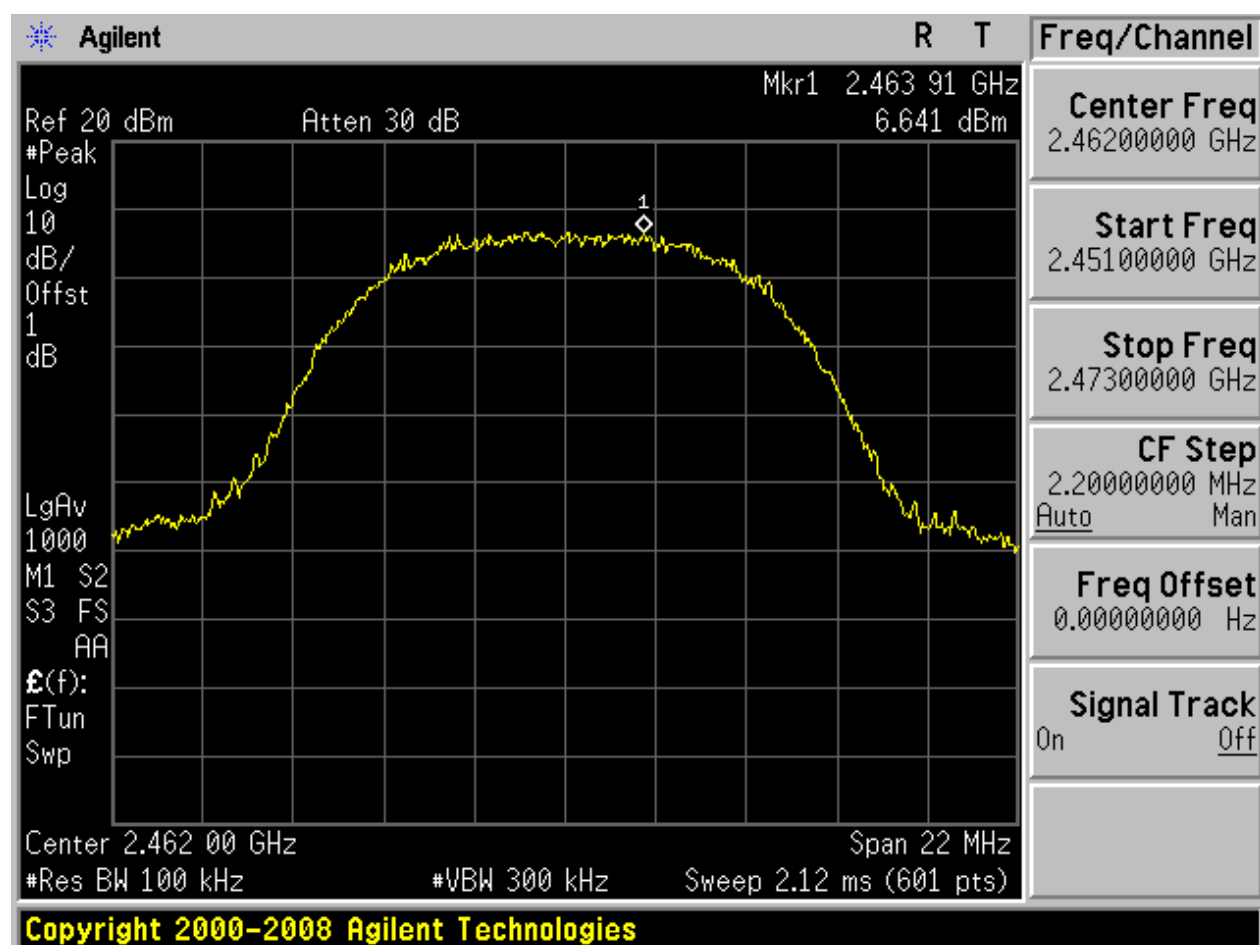




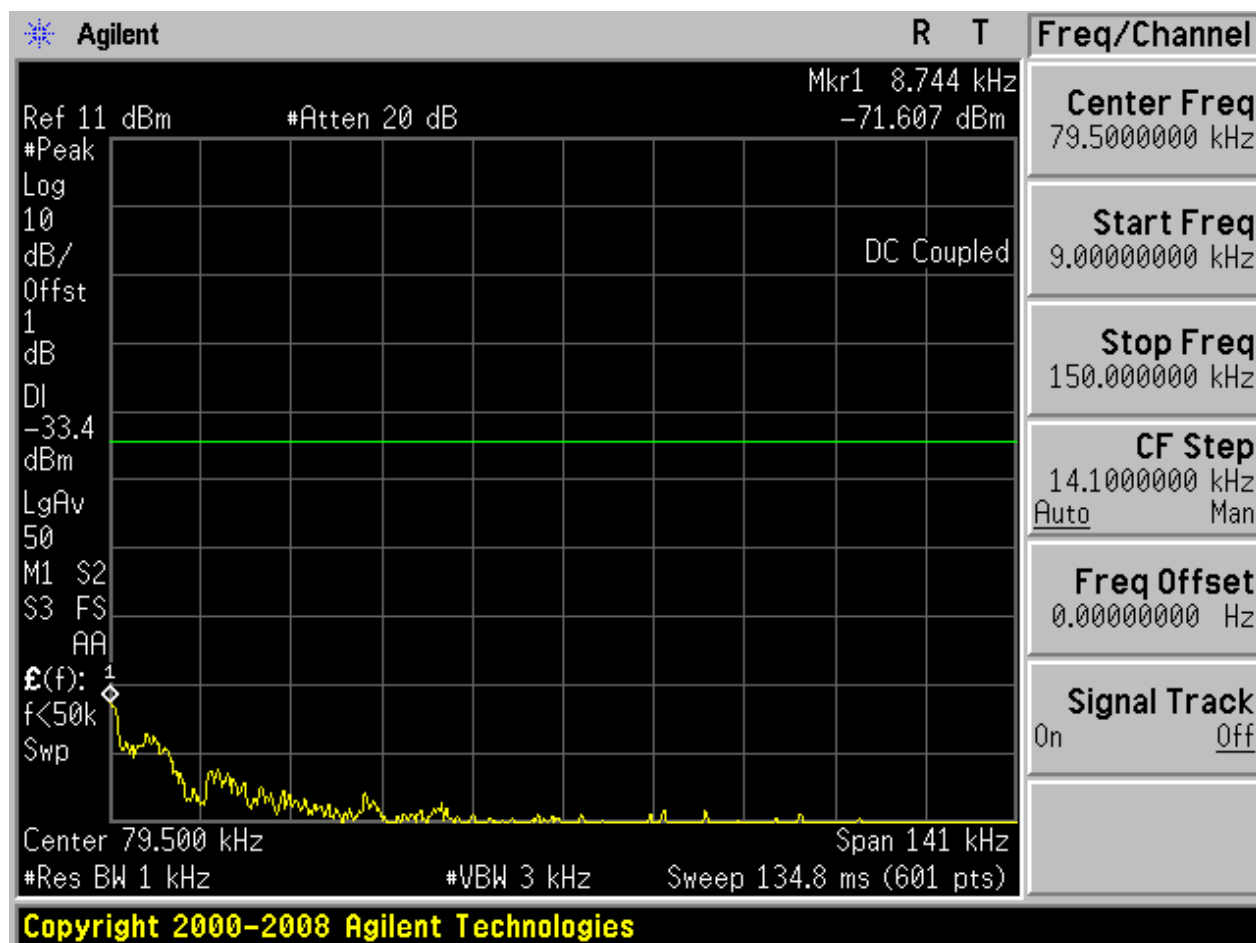


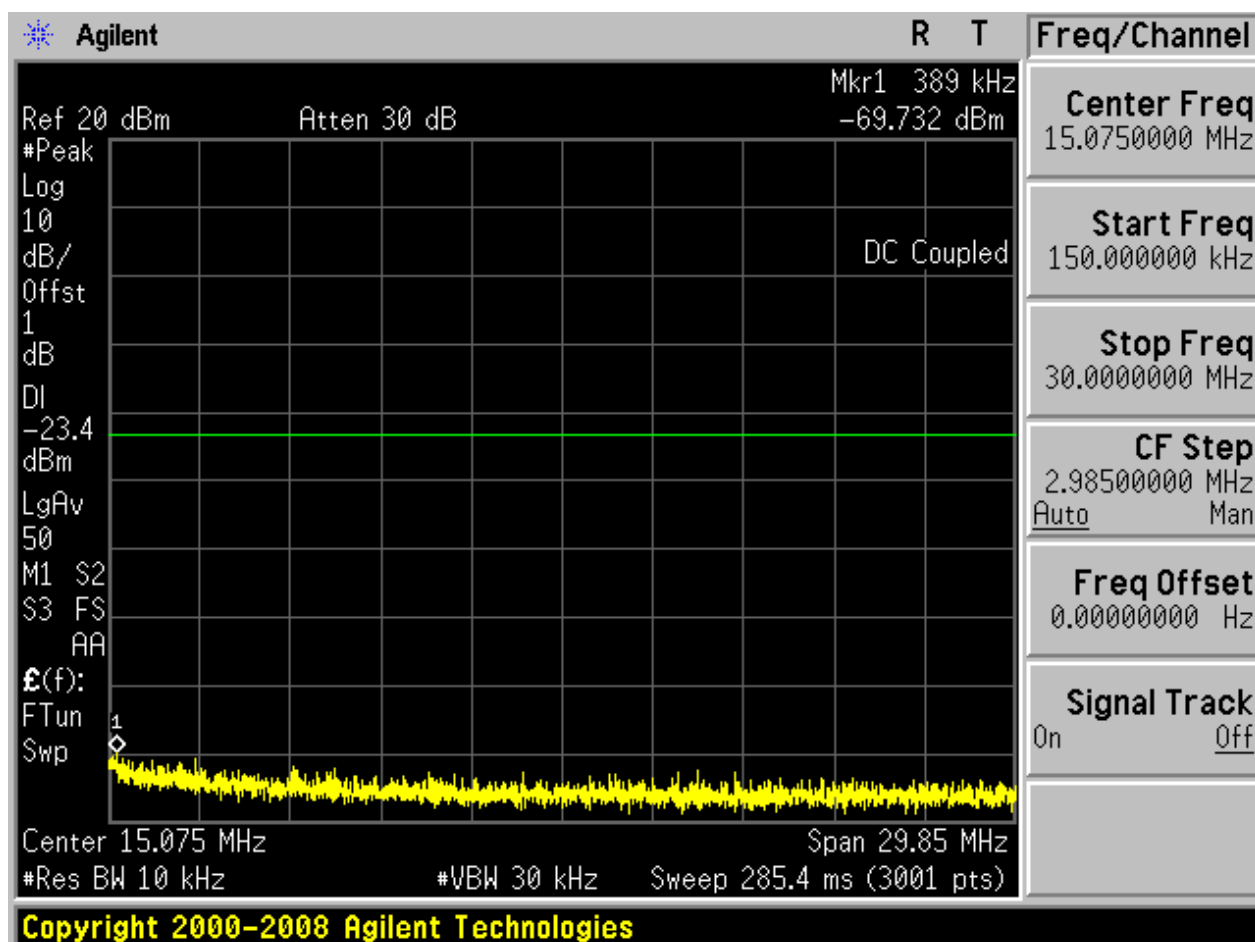
2.6 11B_H@Ant 2

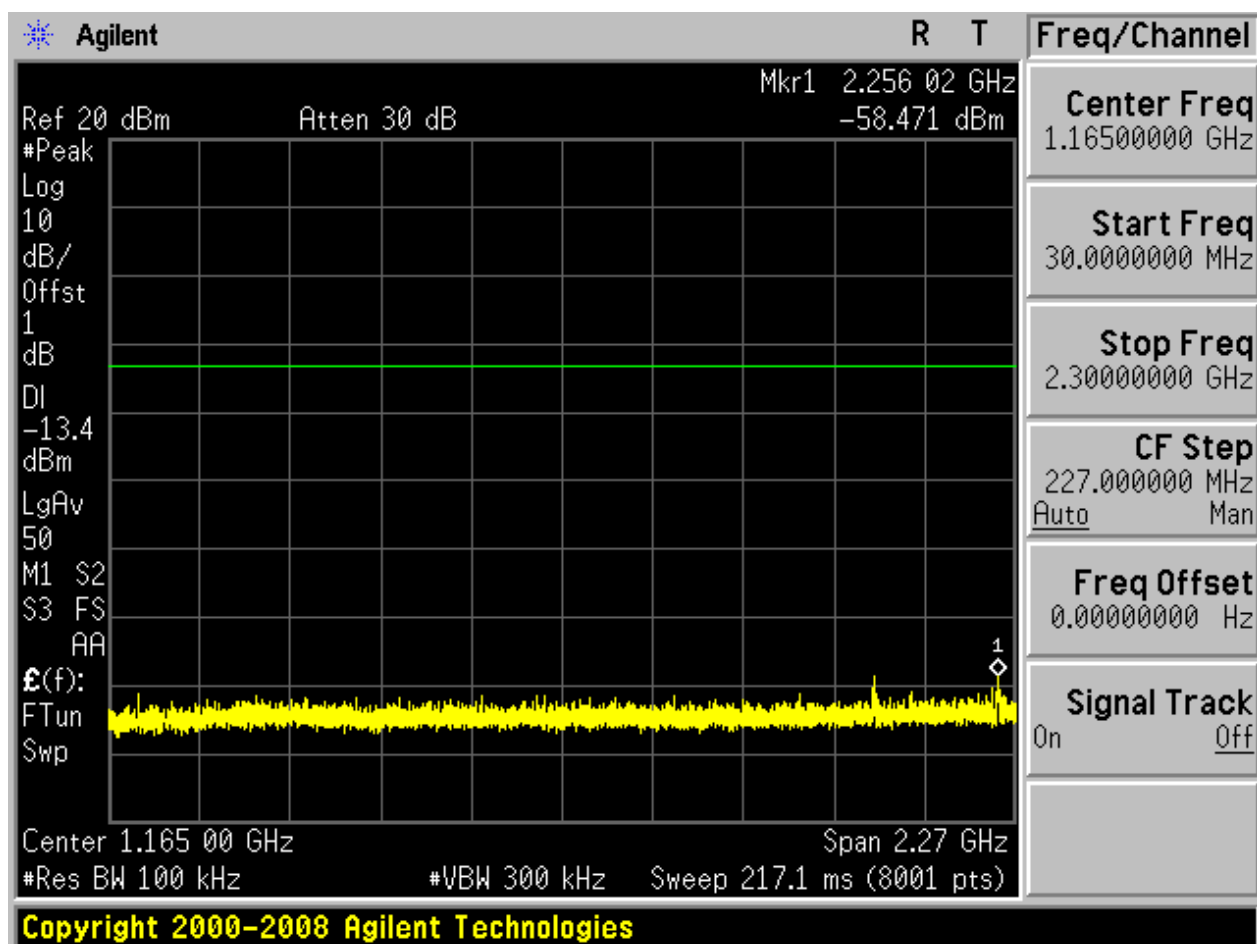
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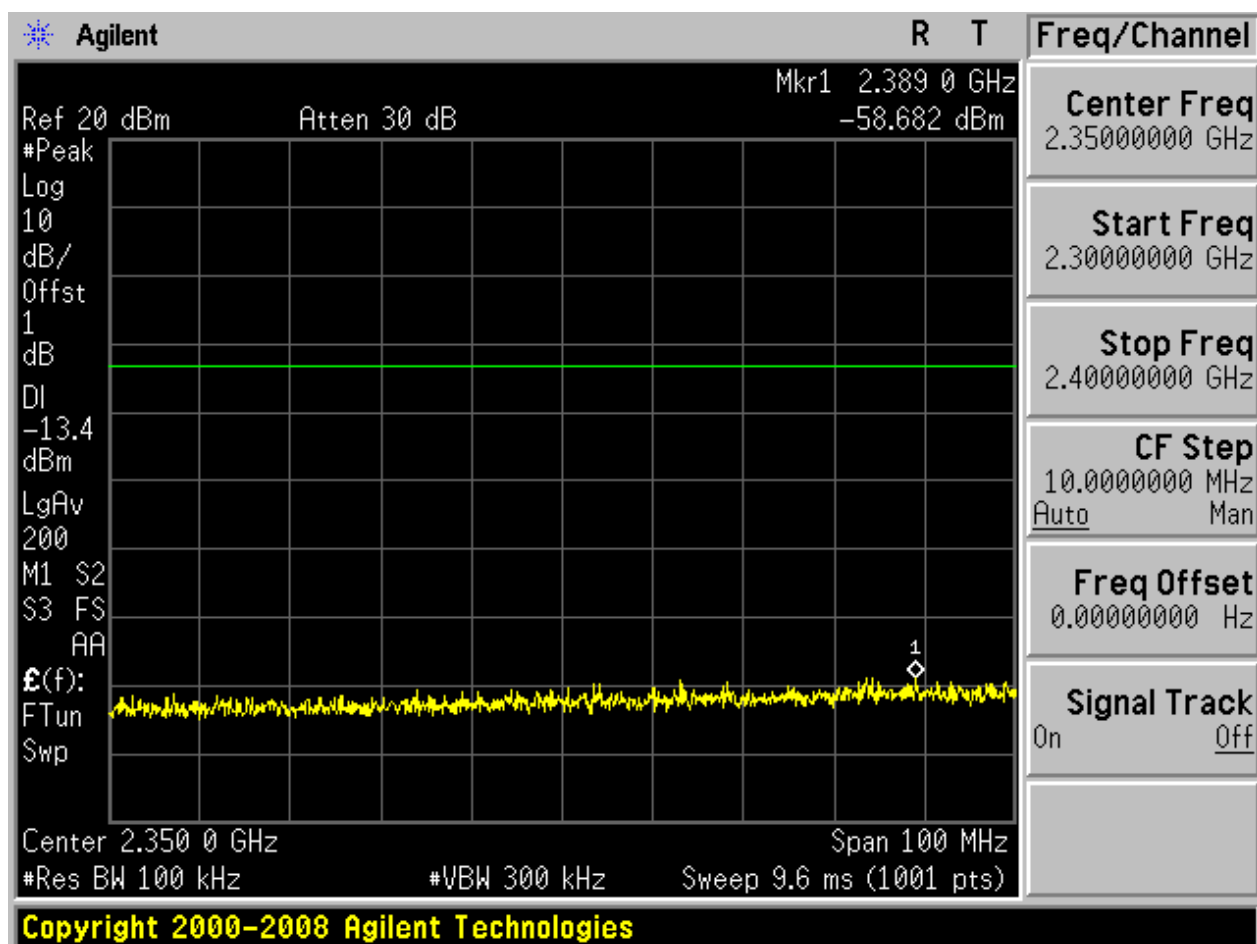


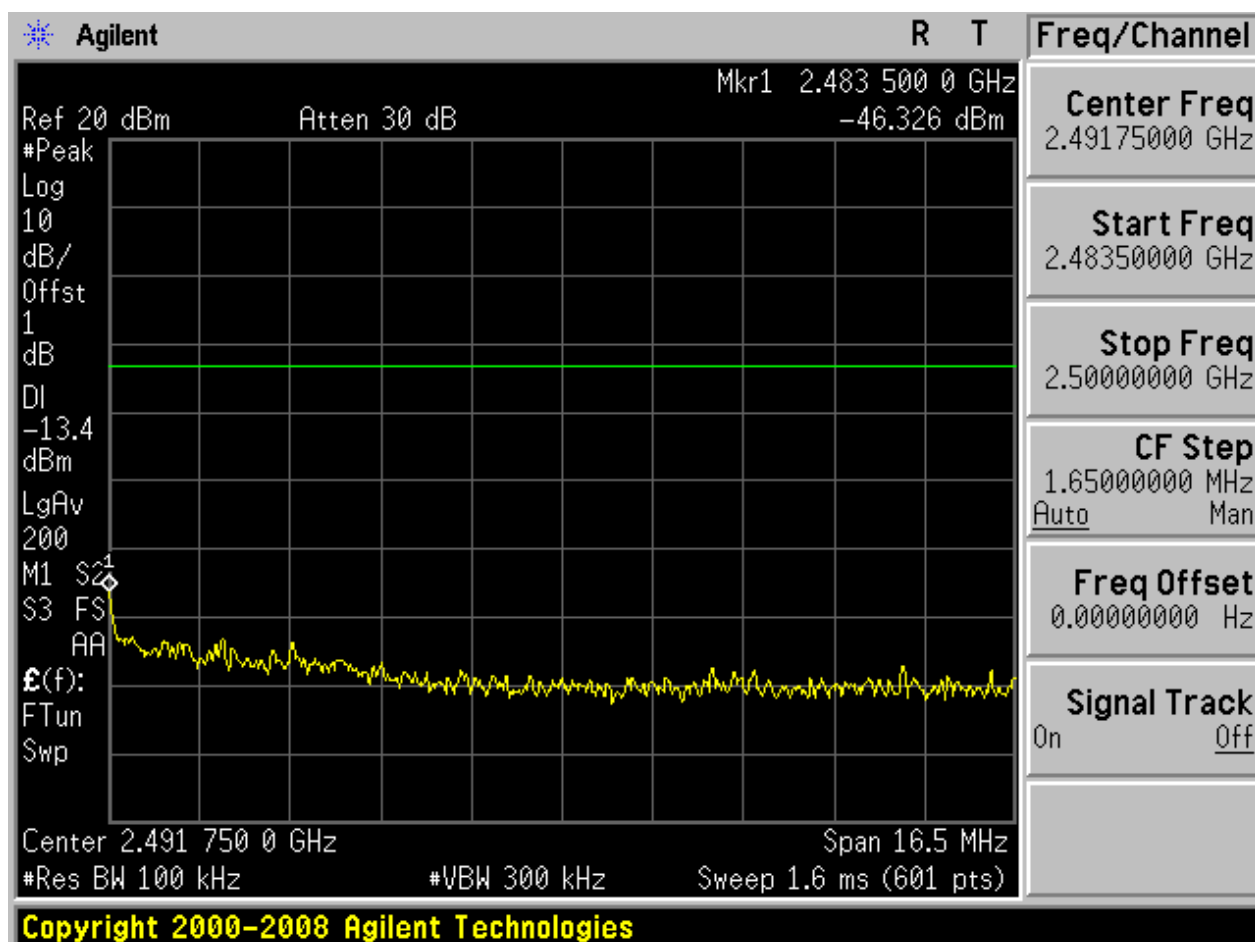
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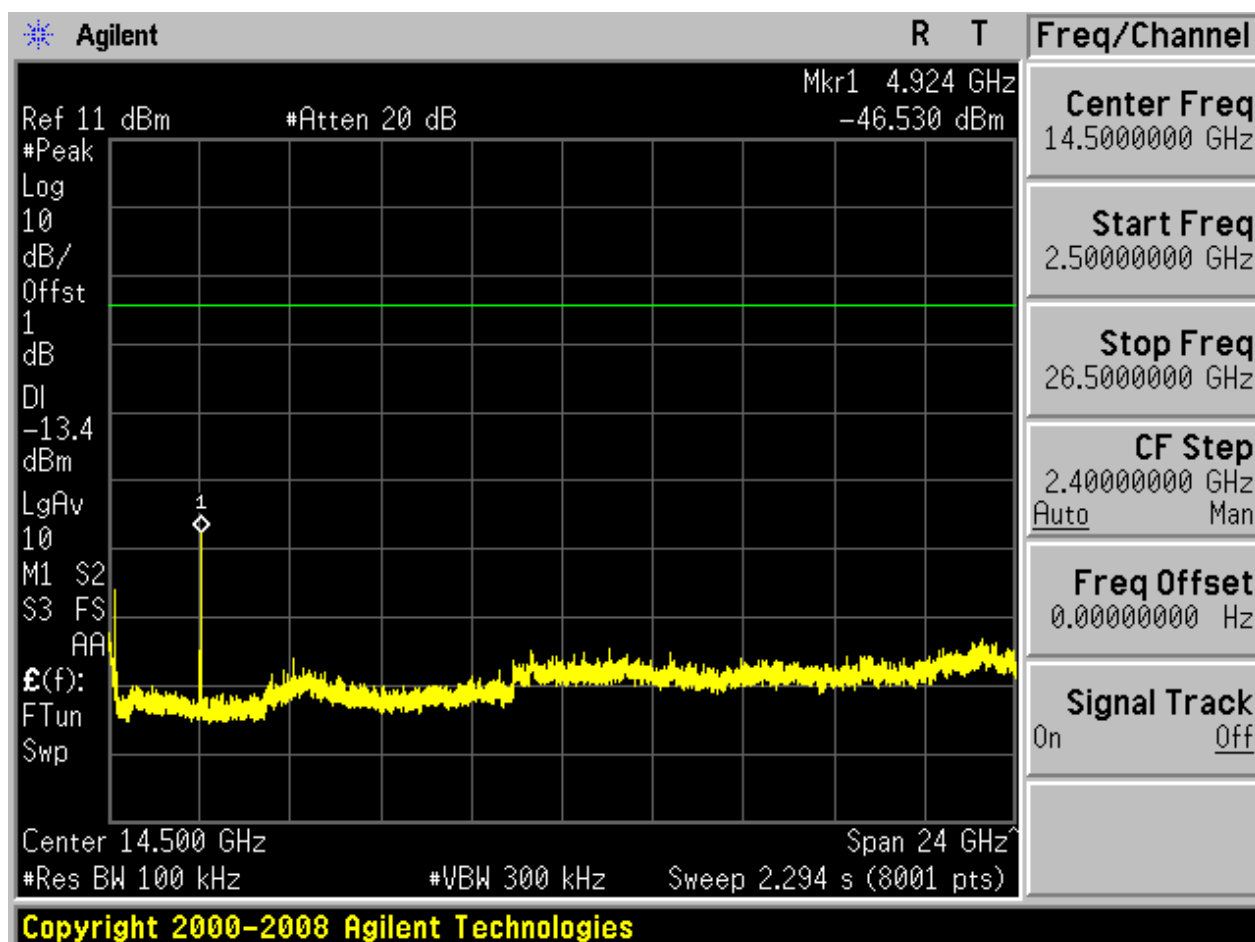








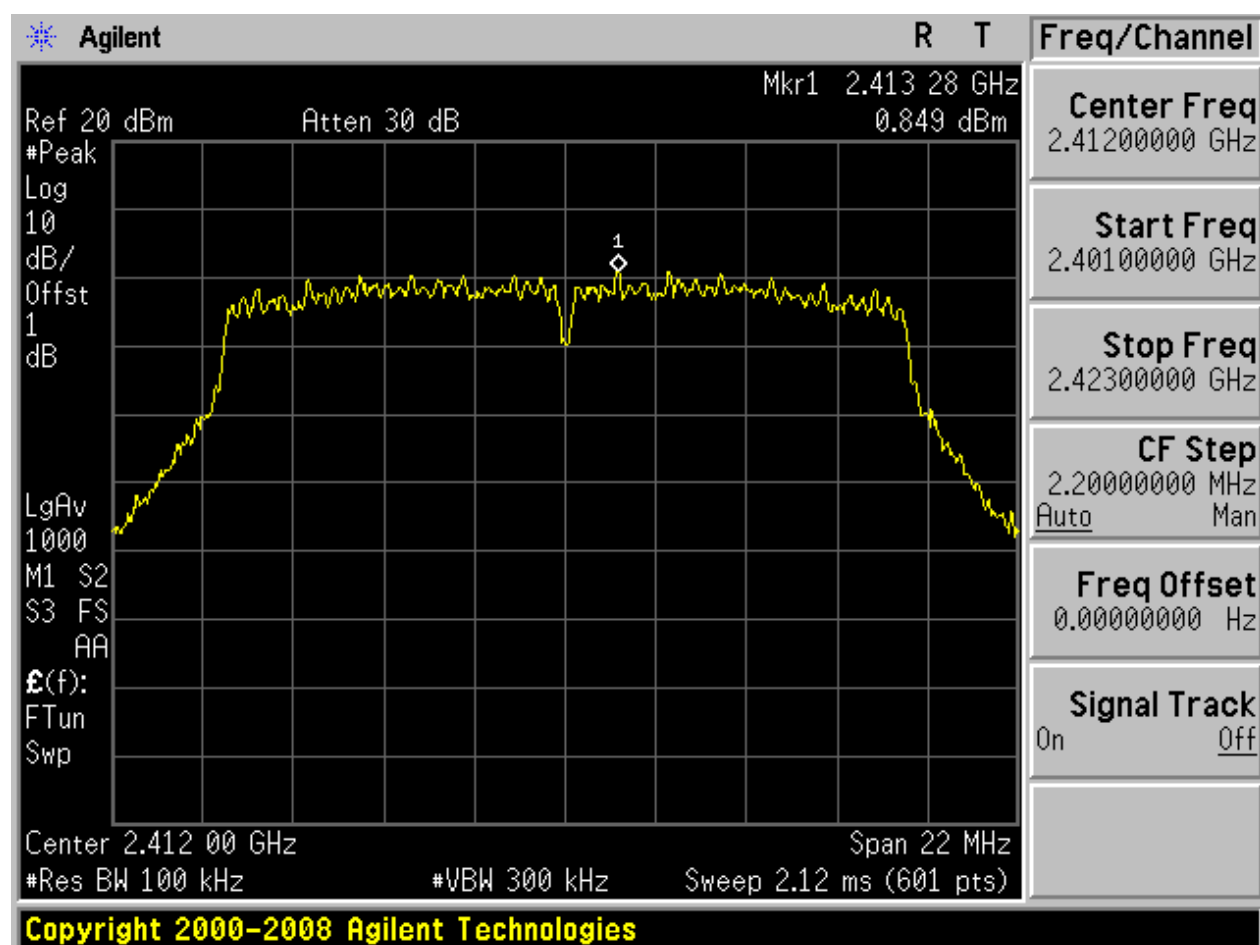






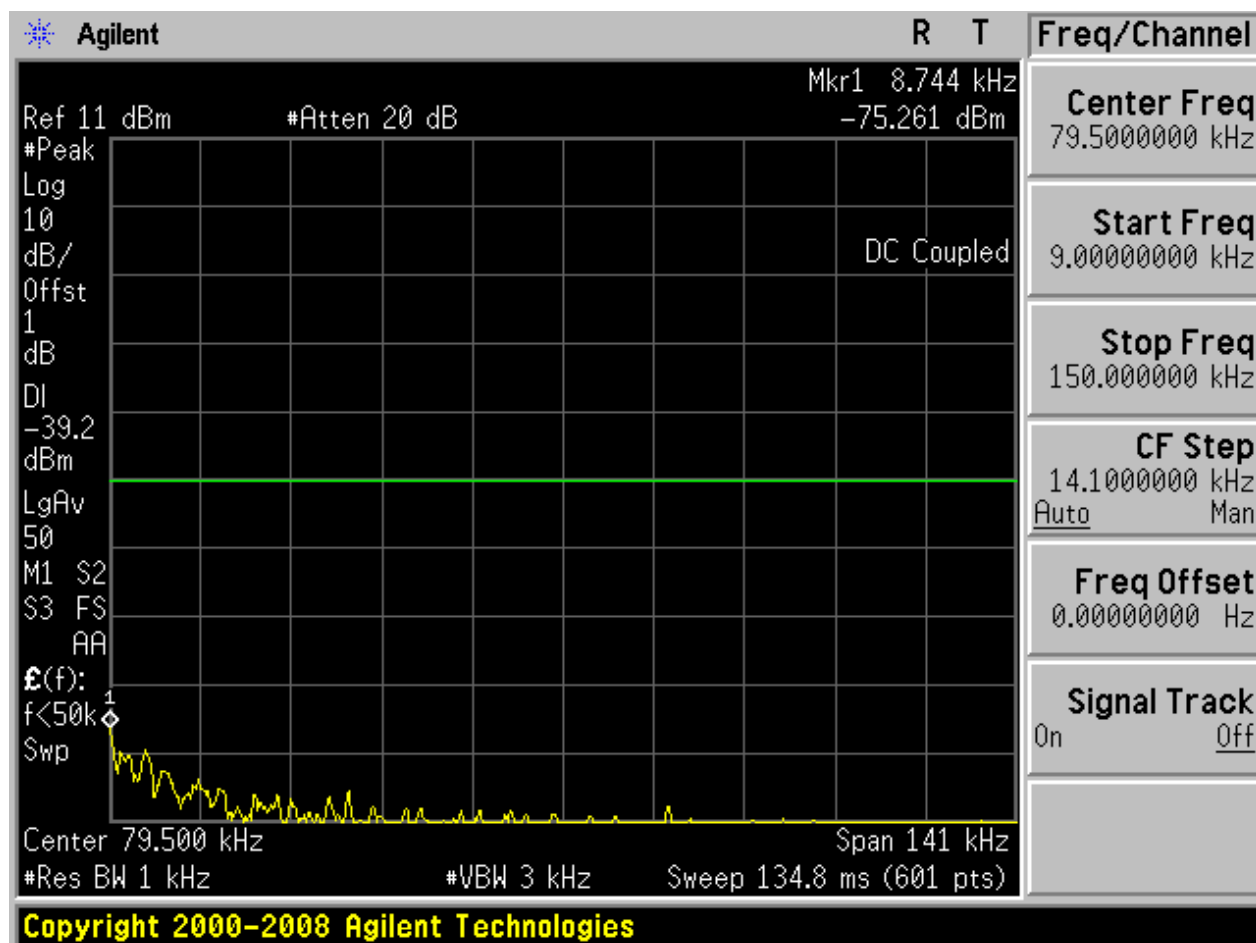
2.7 11G_L@Ant 1

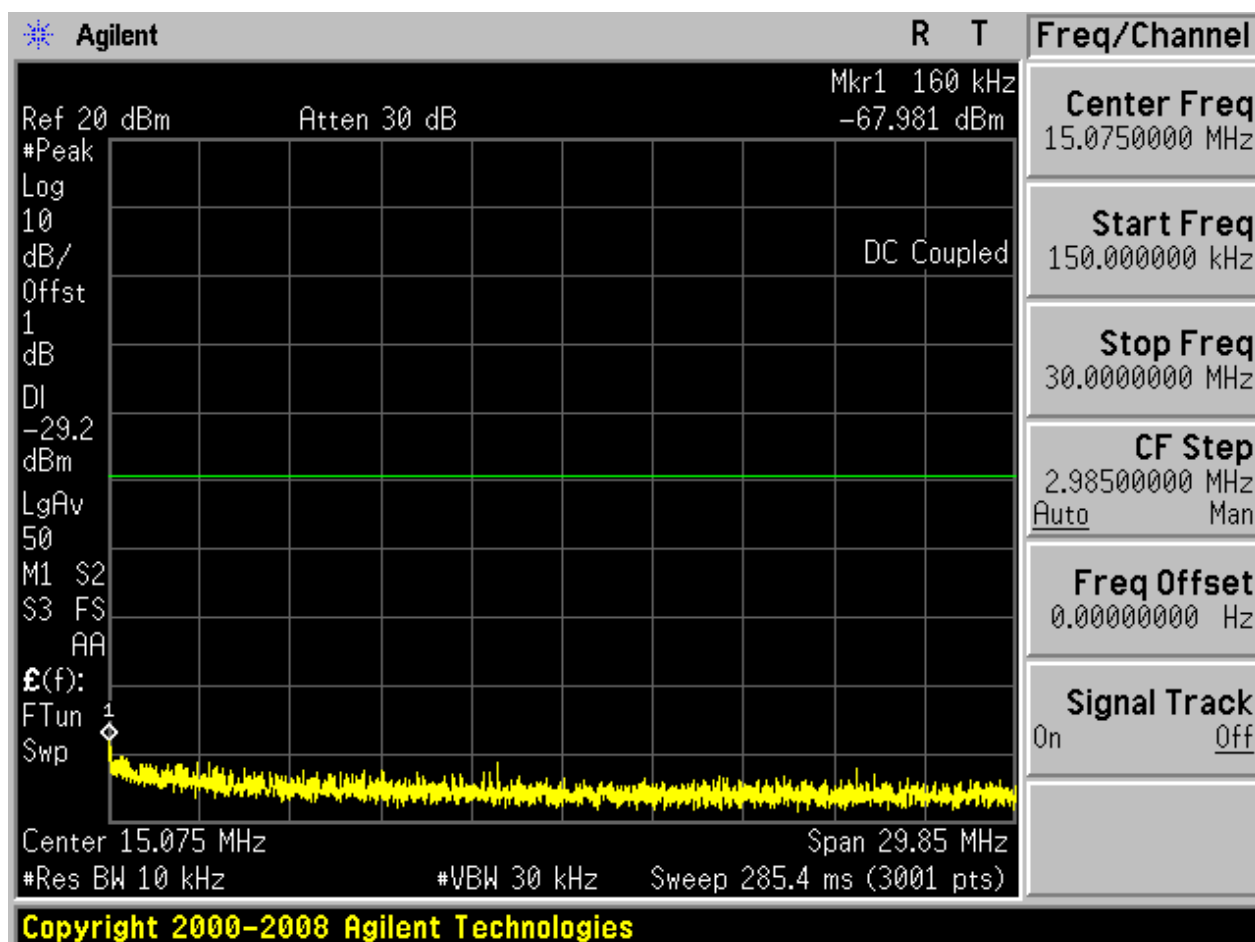
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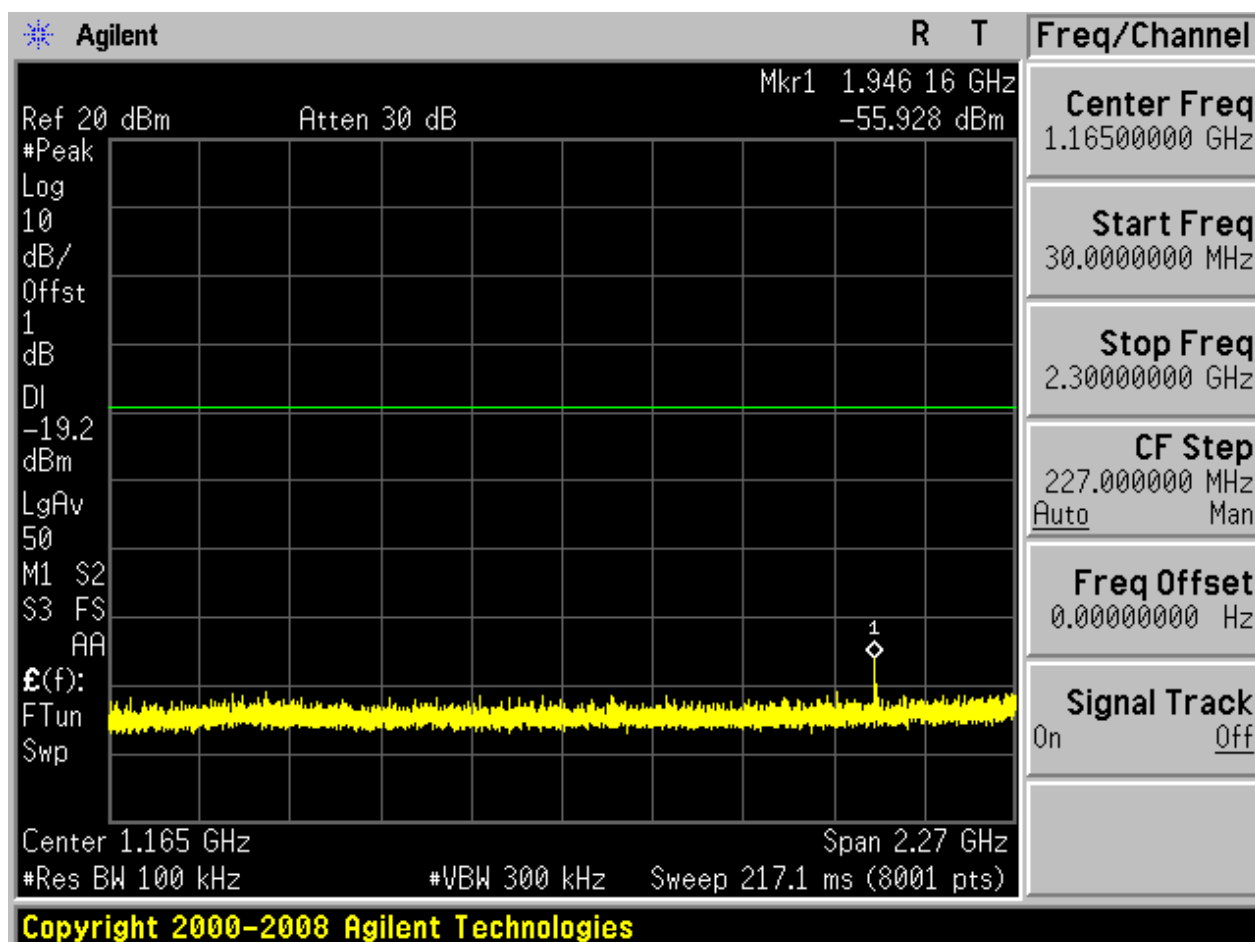


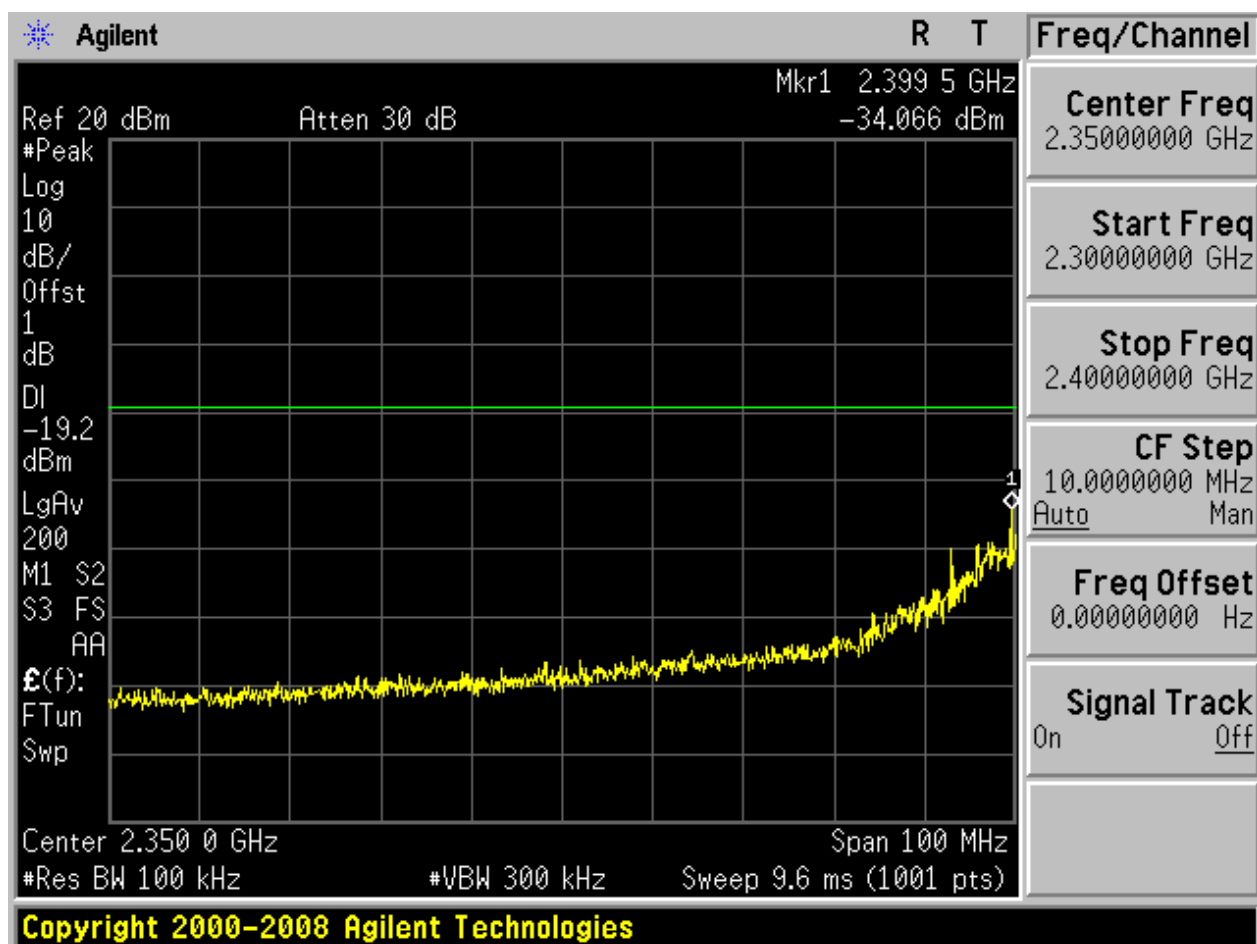


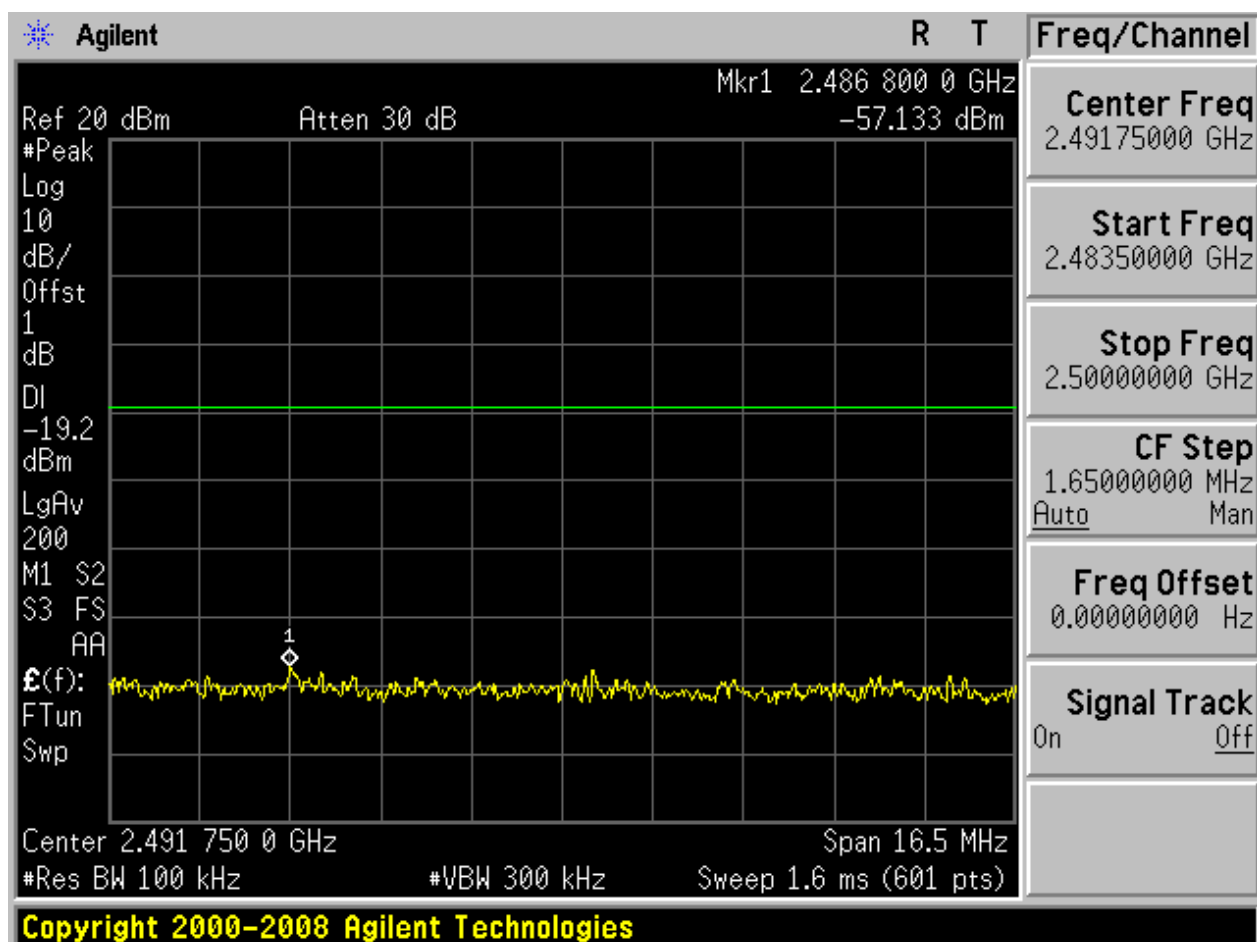
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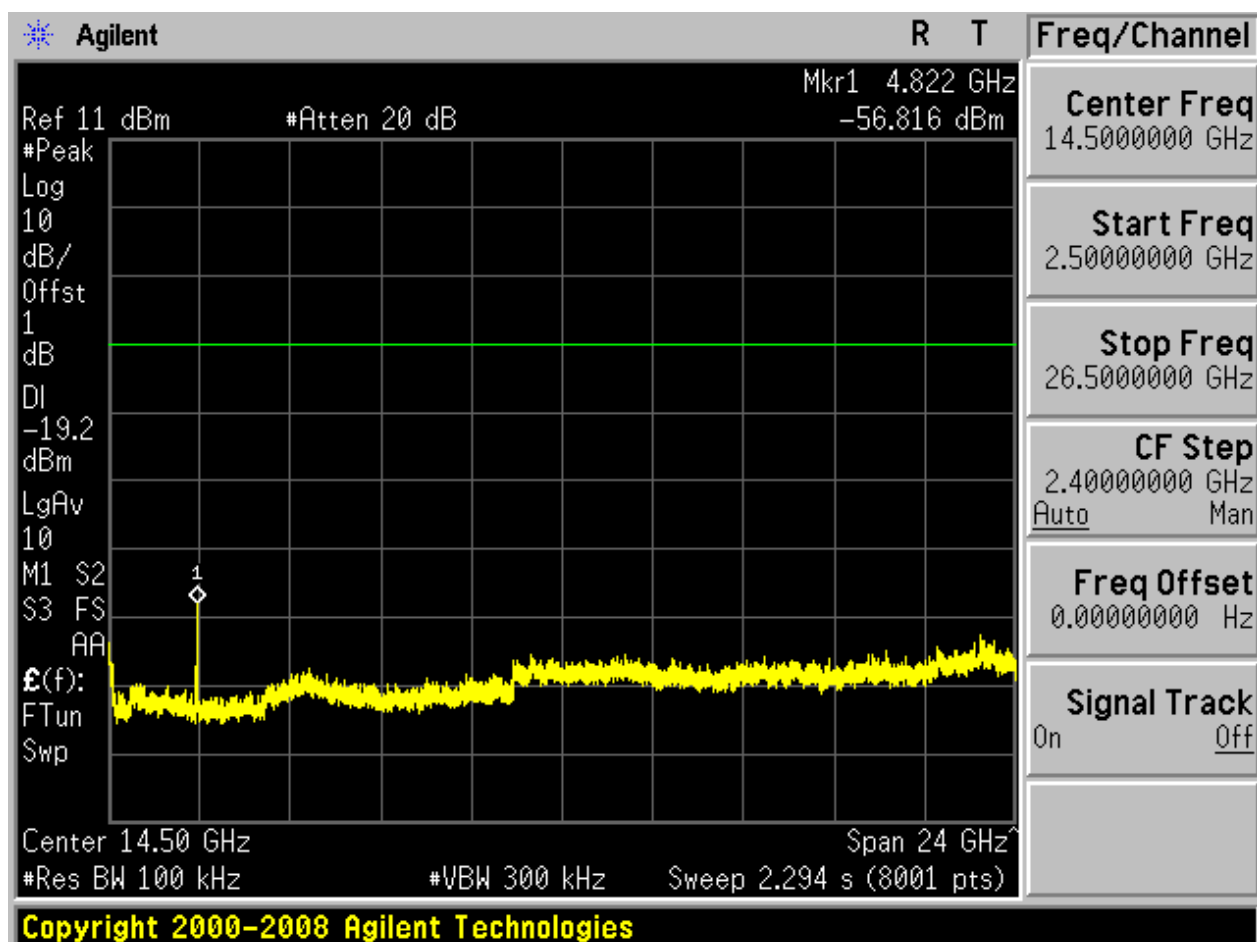








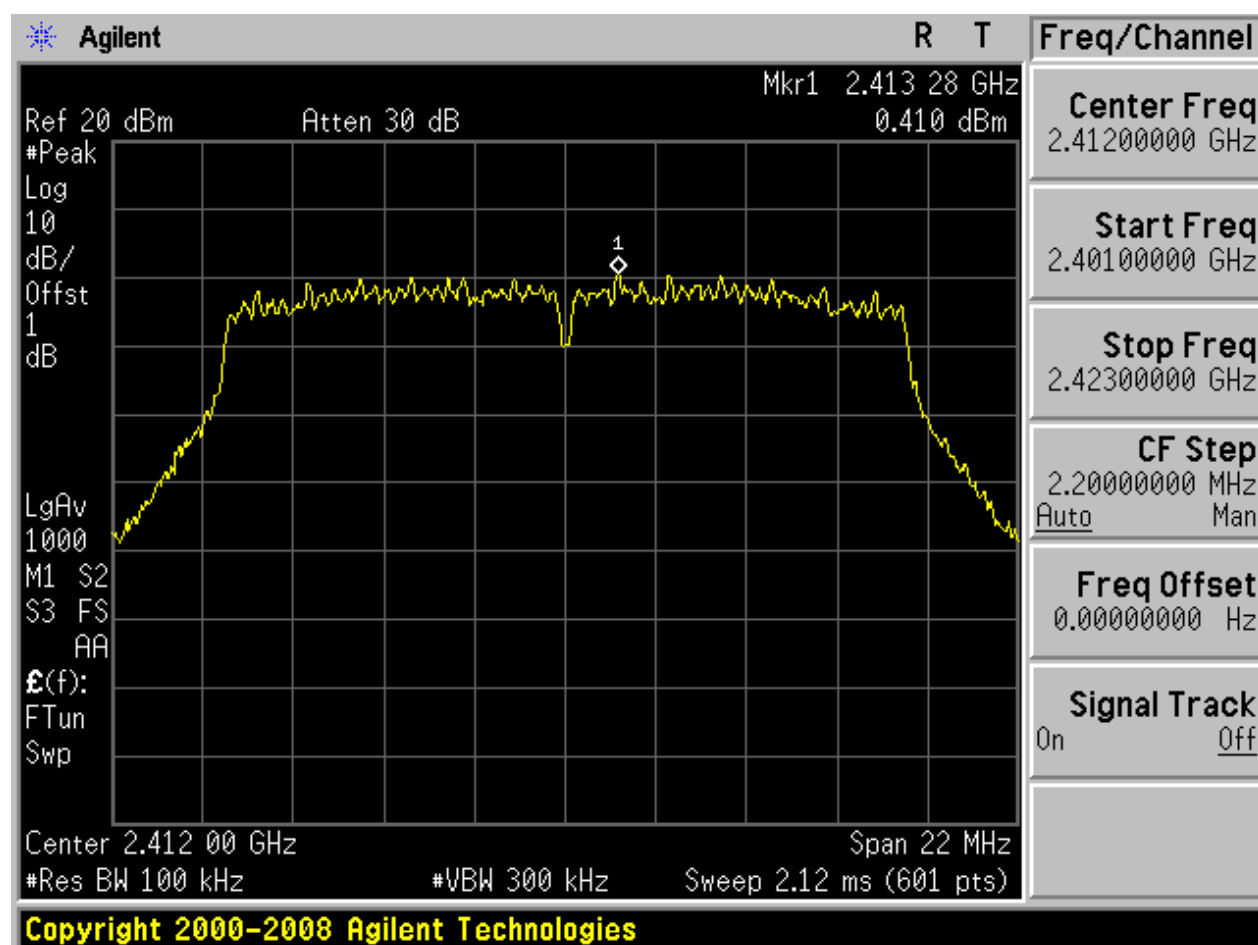




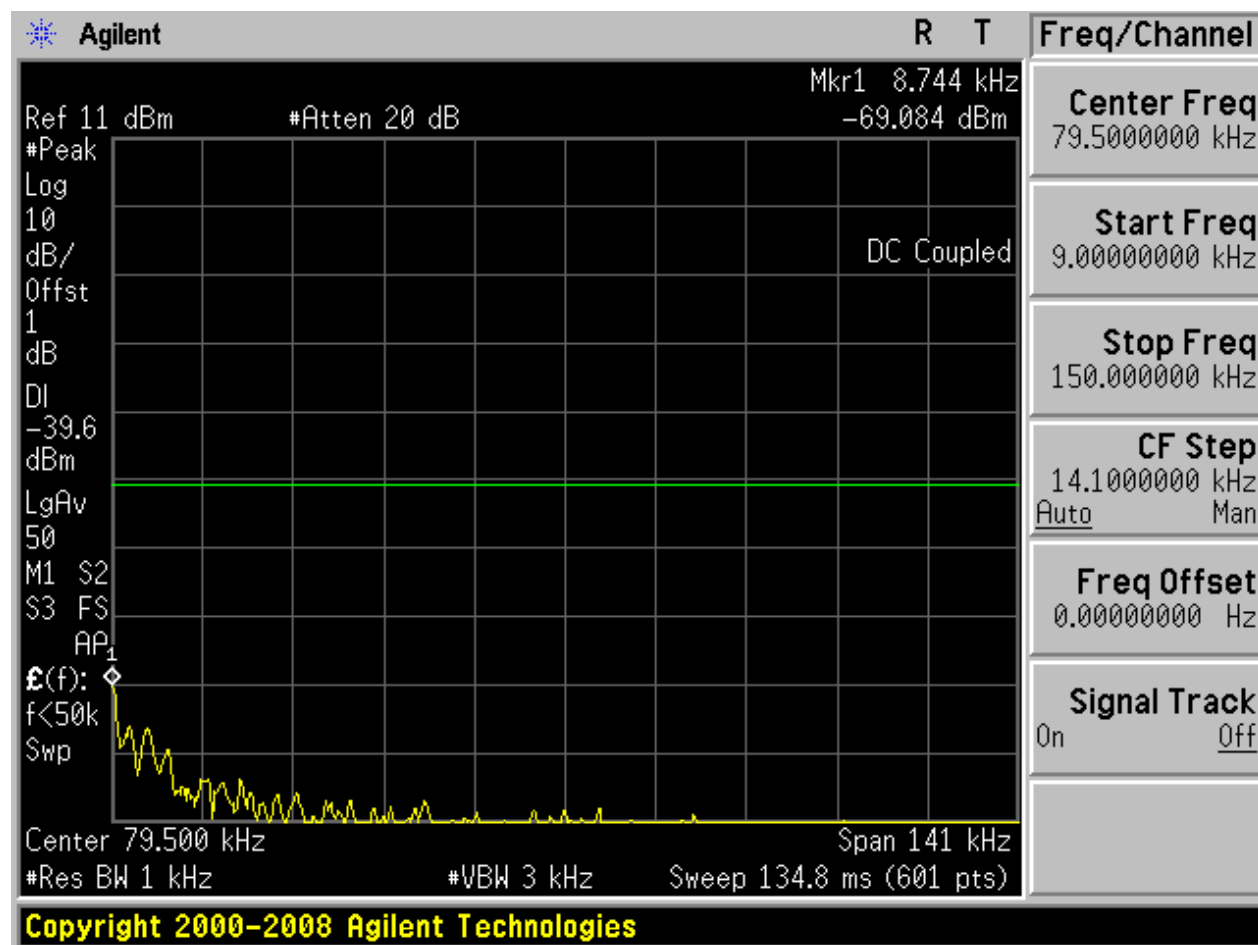


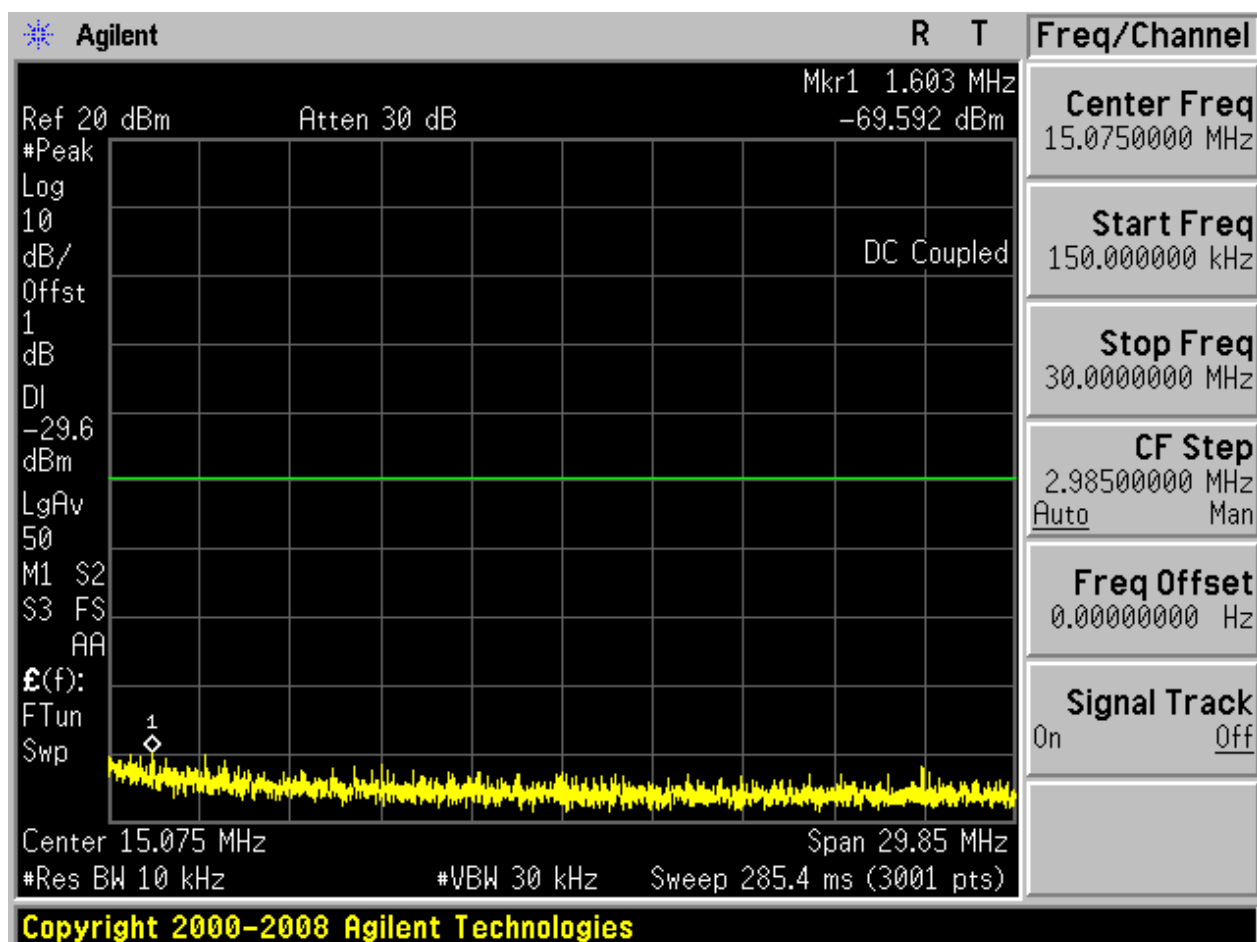
2.8 11G_L@Ant 2

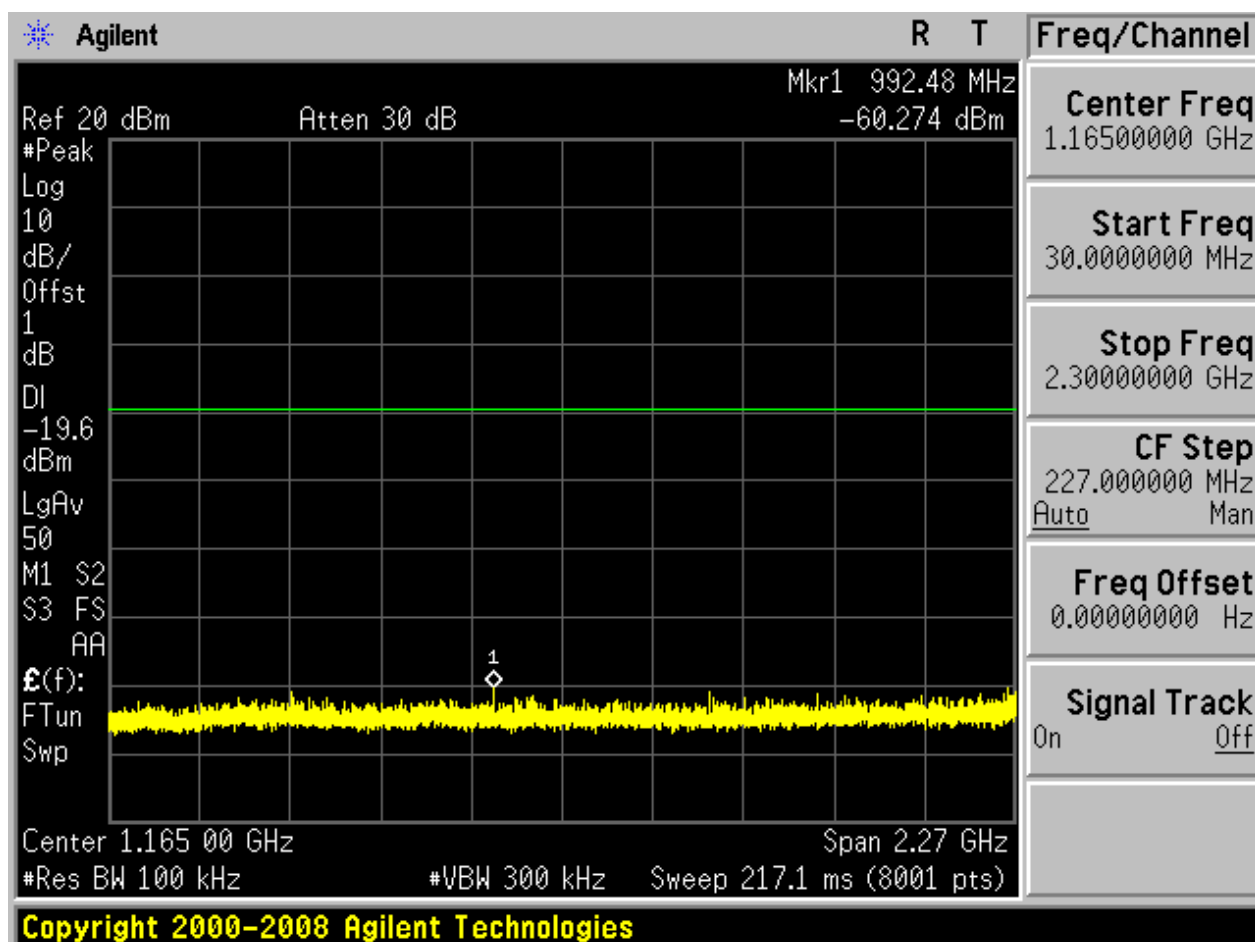
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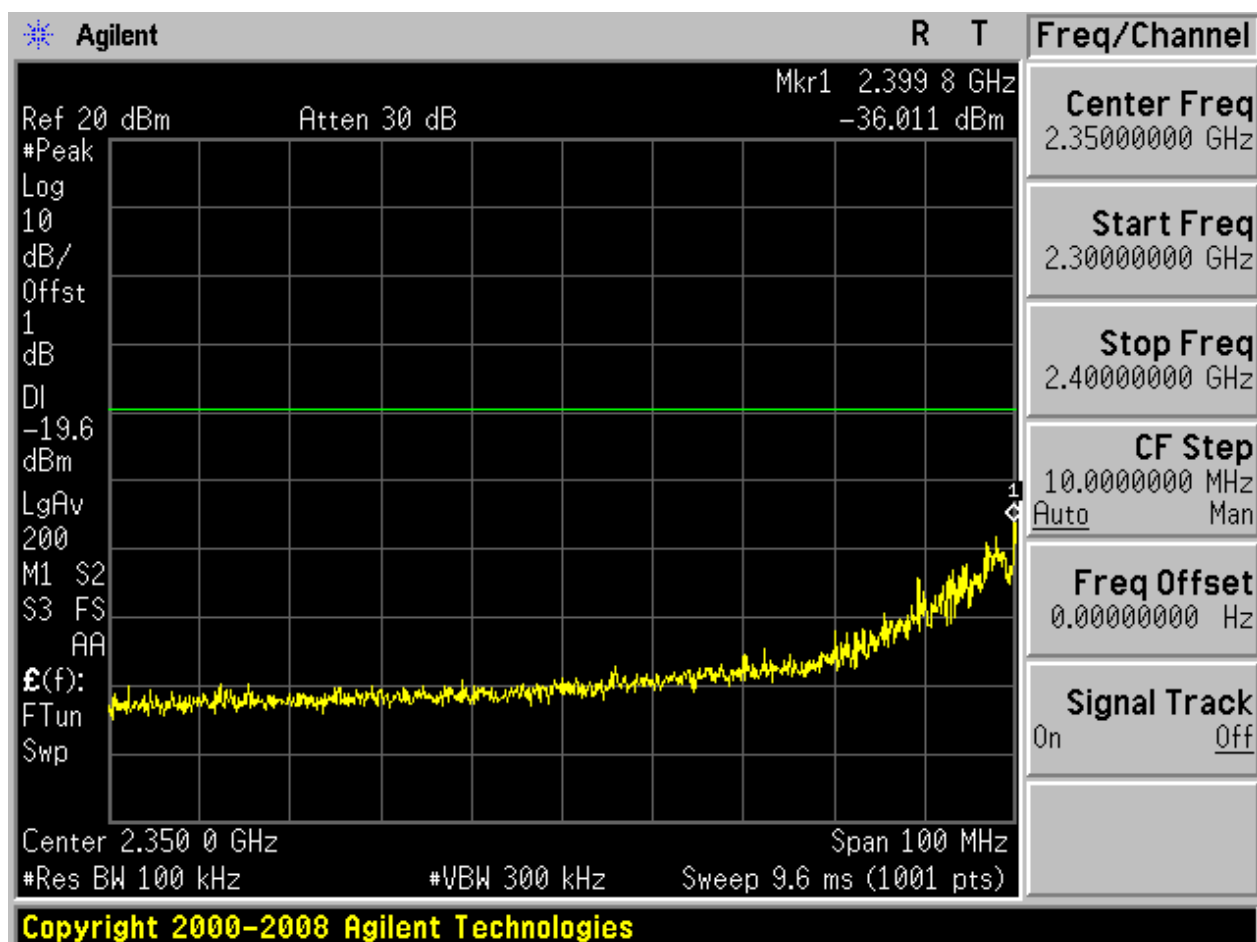


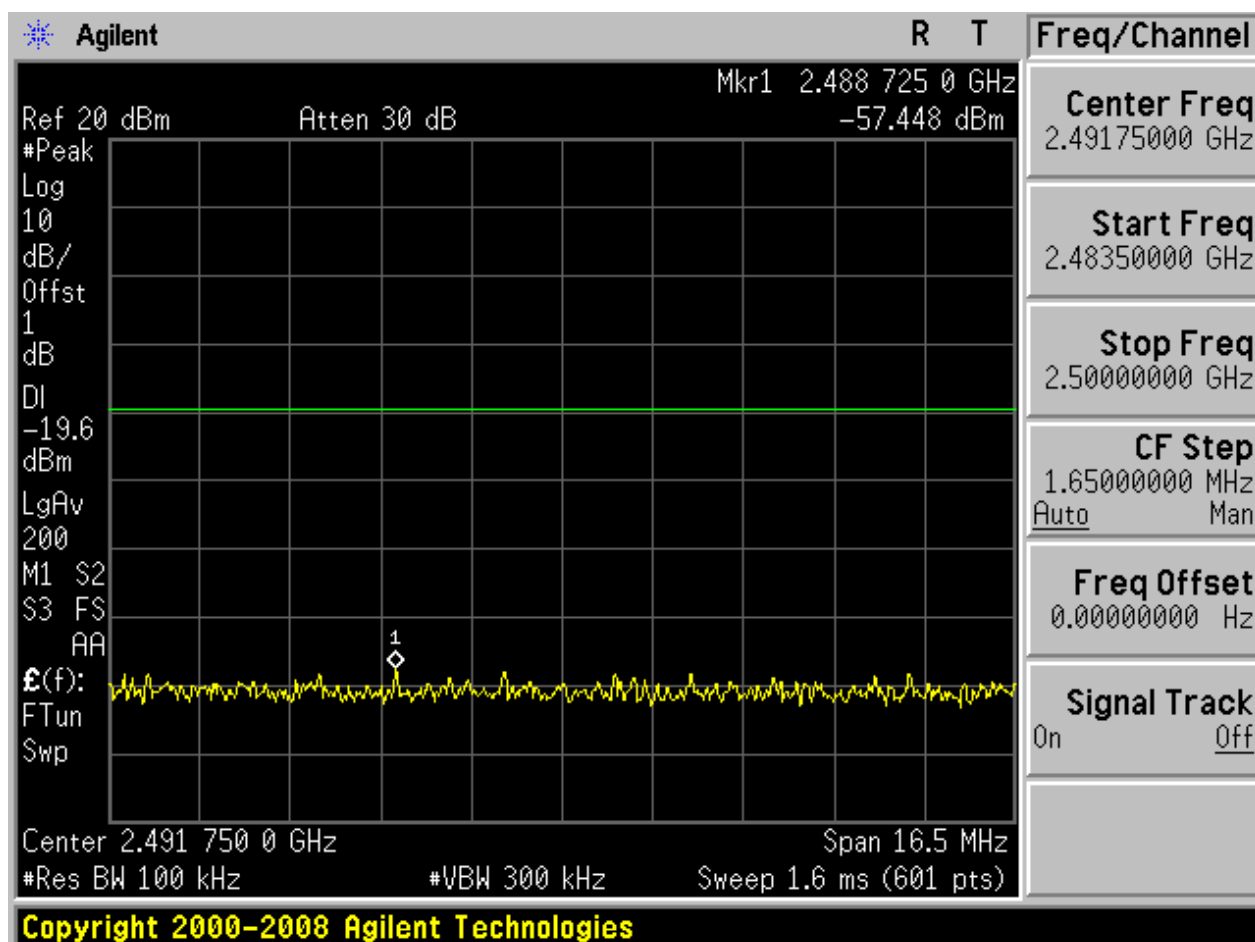
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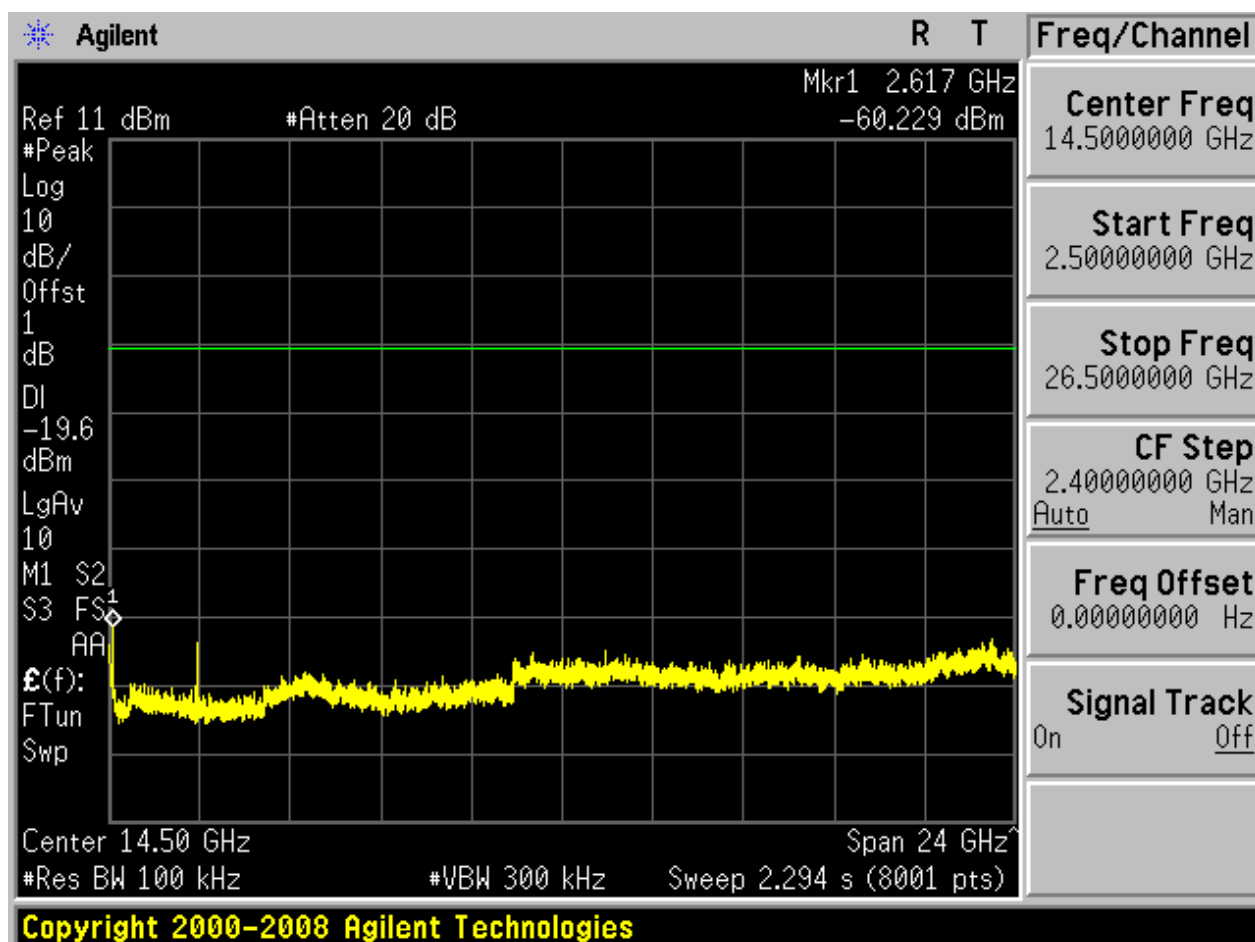






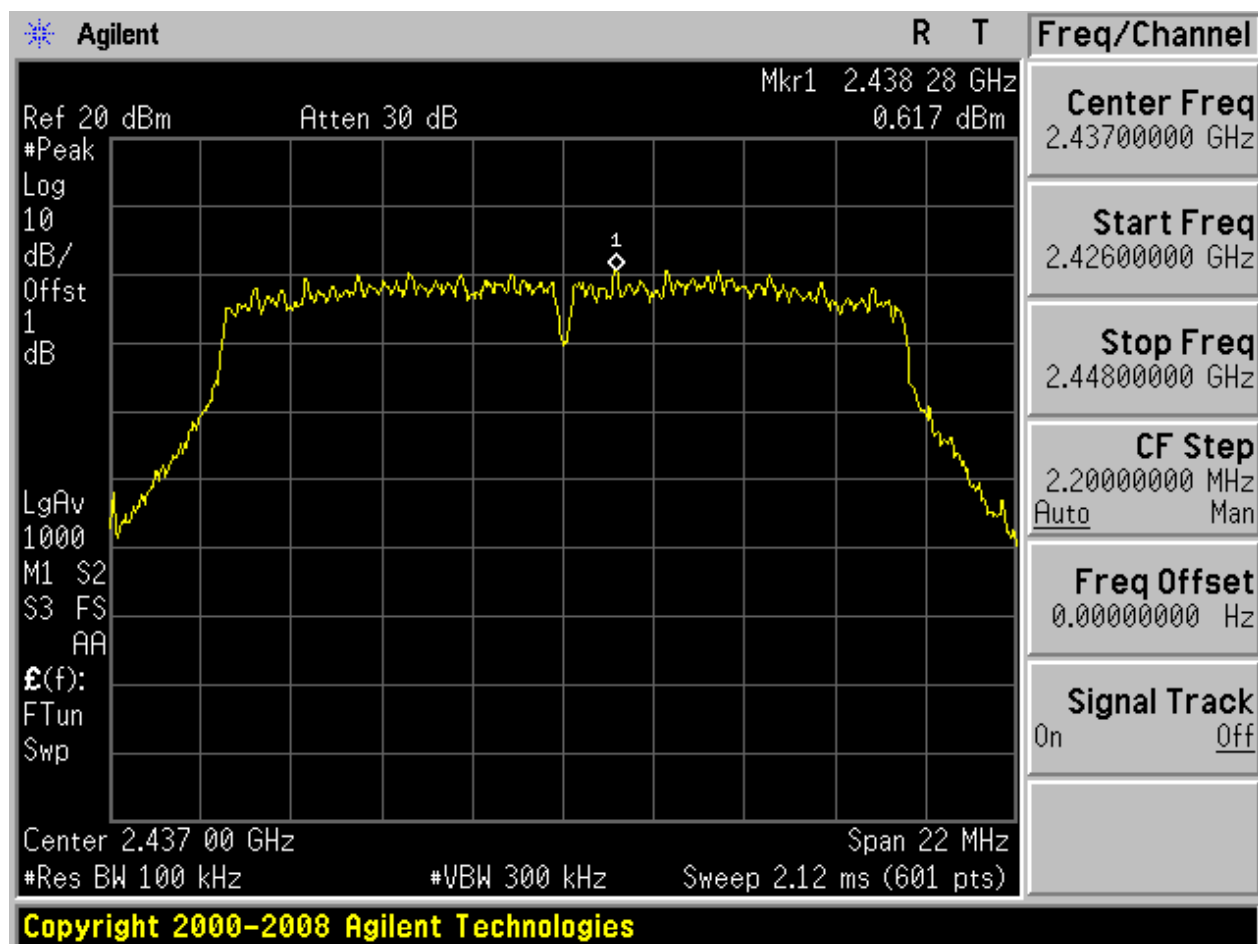




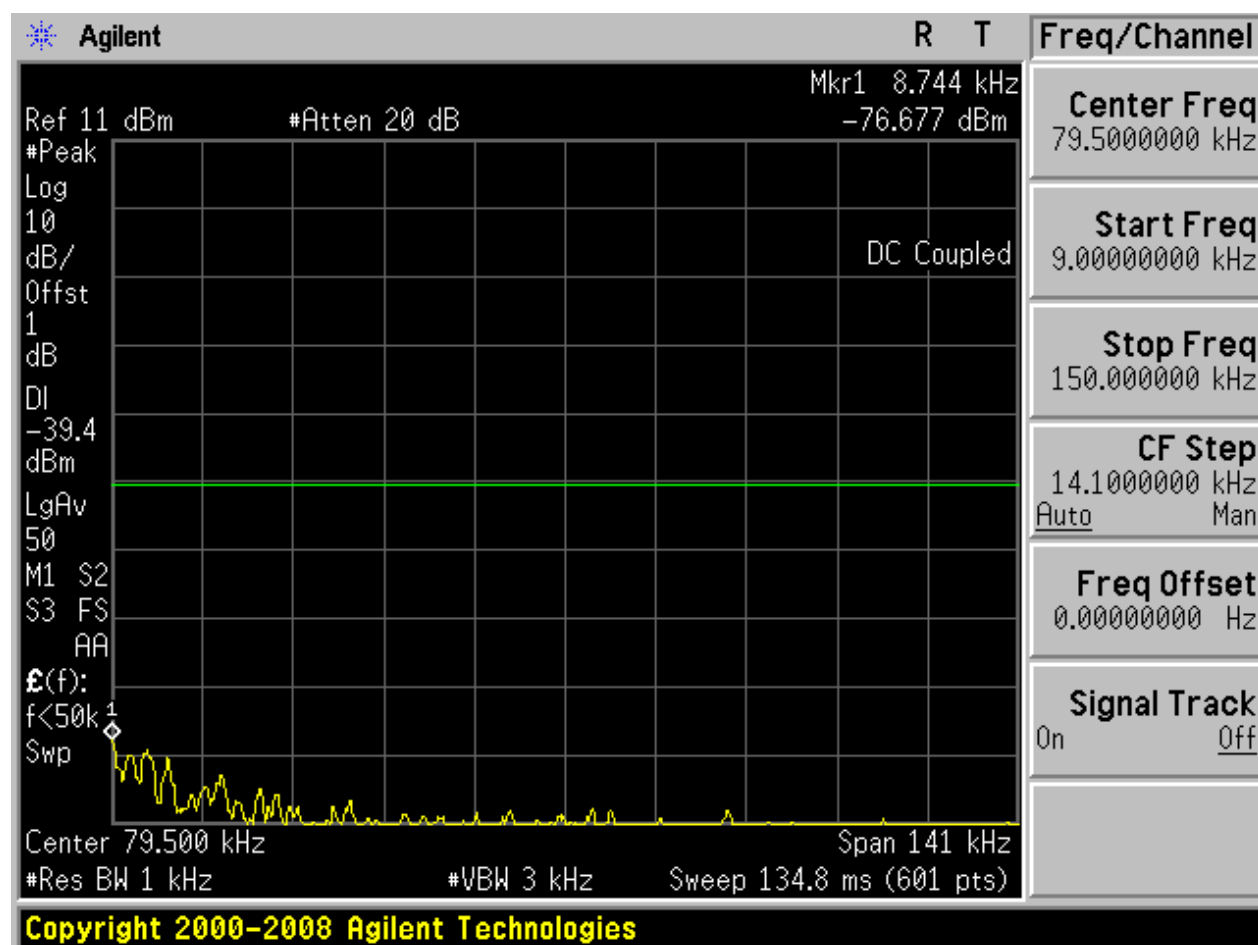


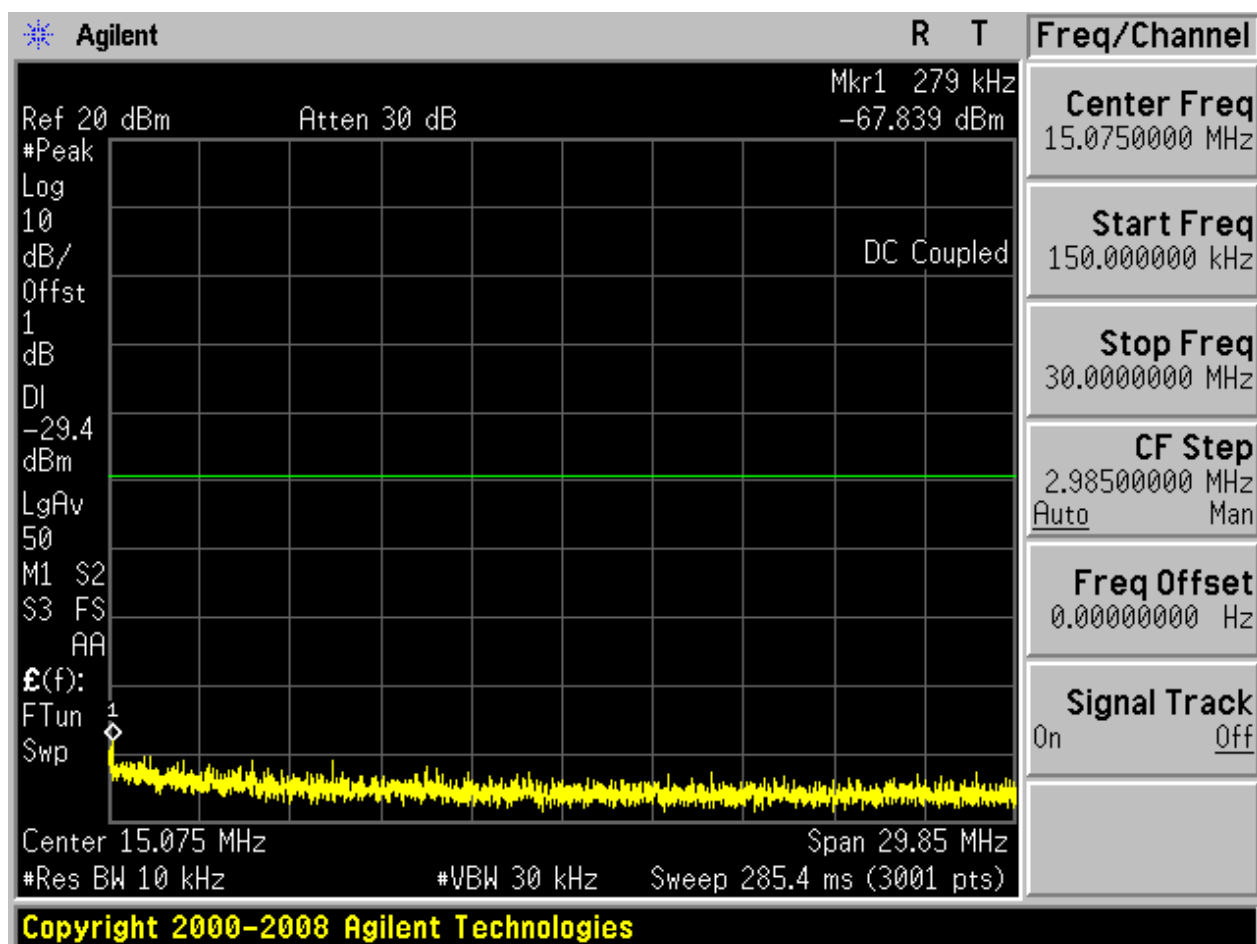
2.9 11G_M@Ant 1

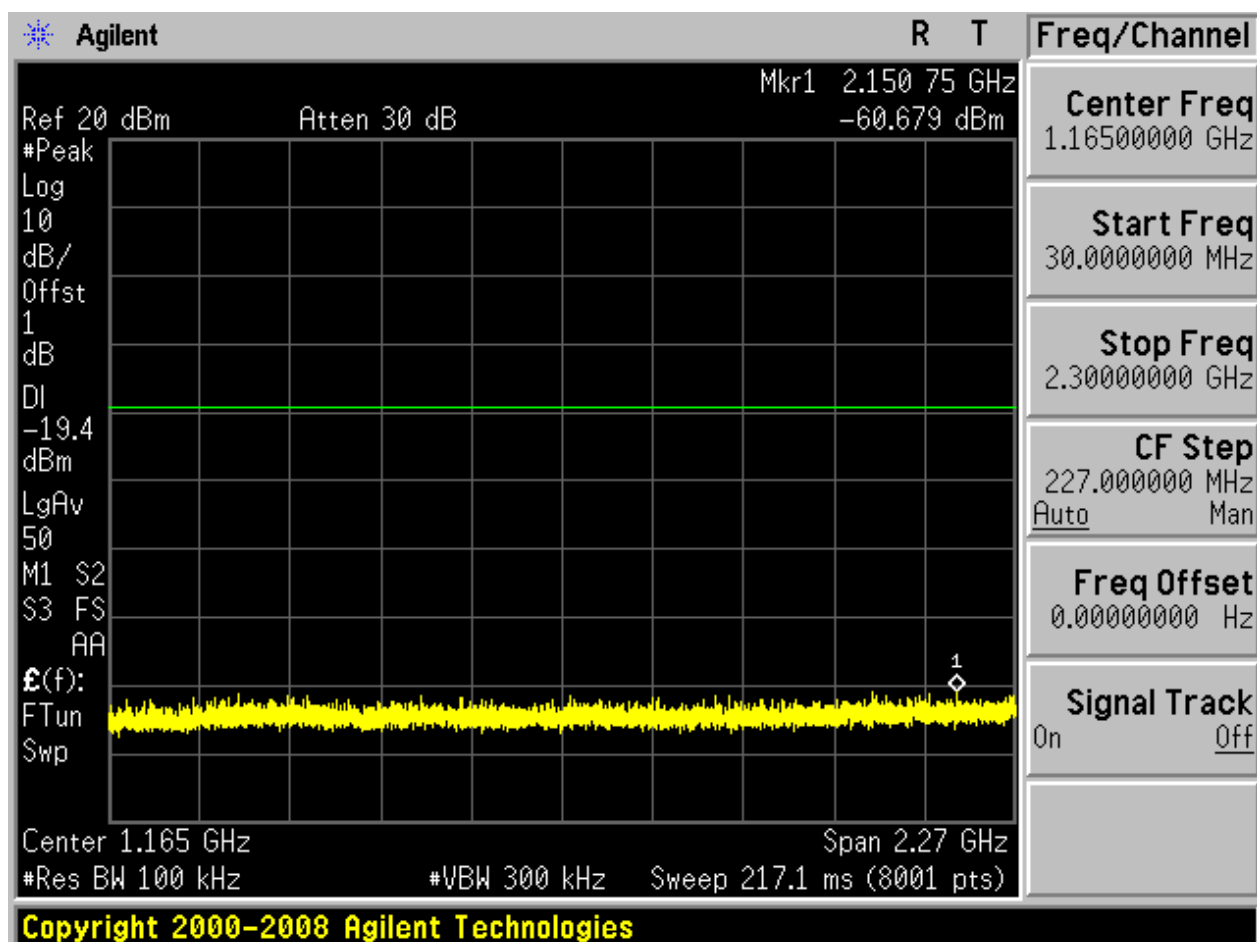
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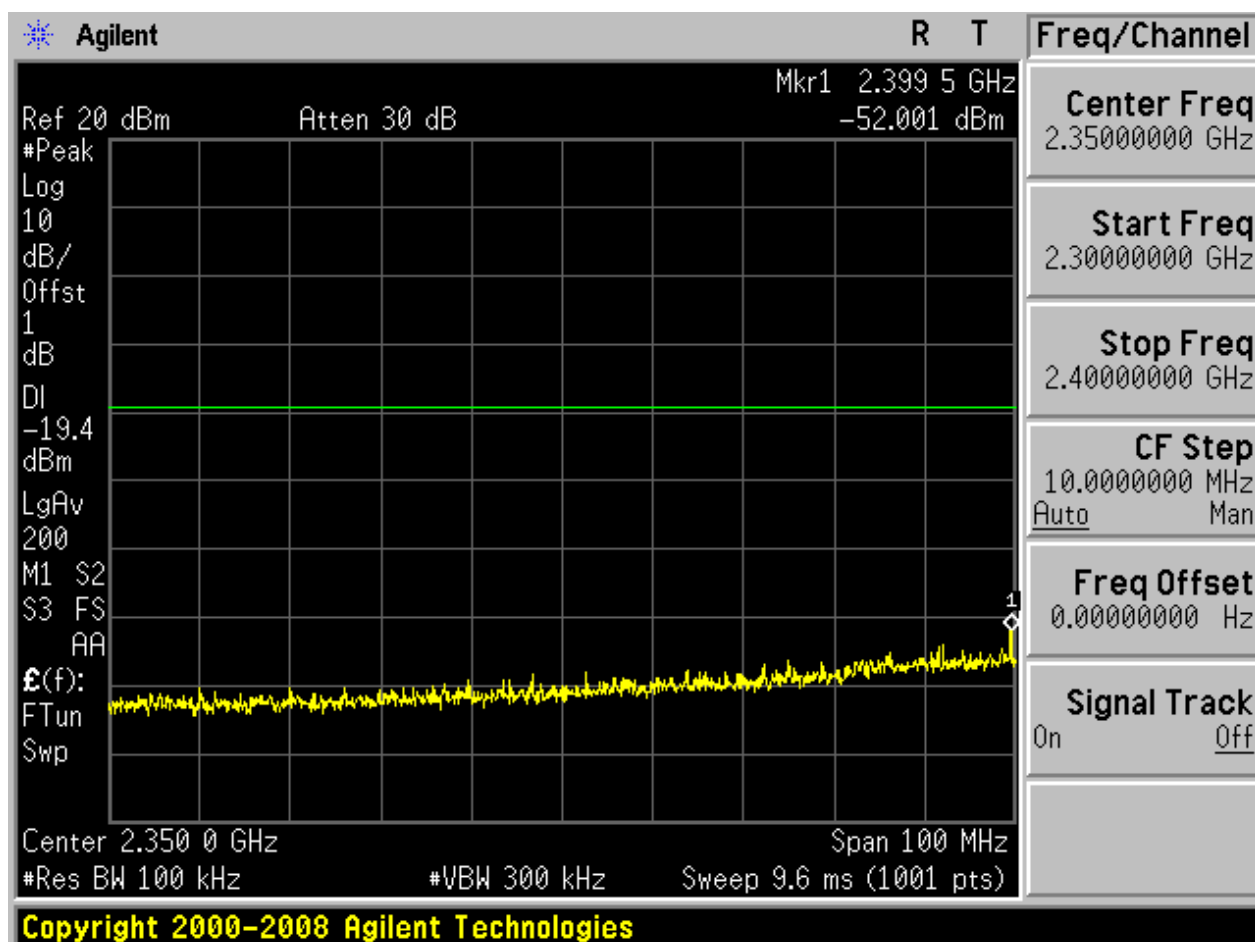


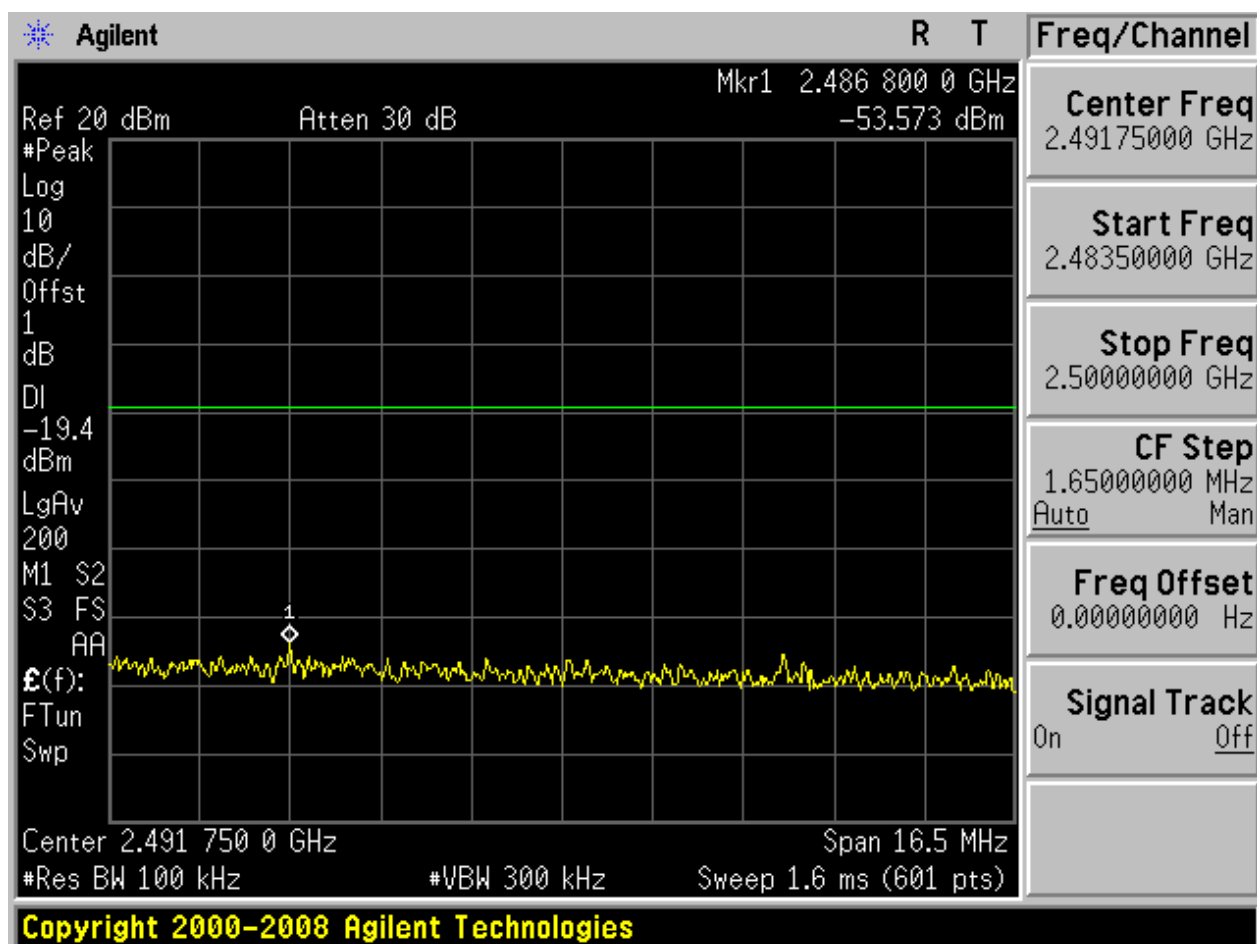
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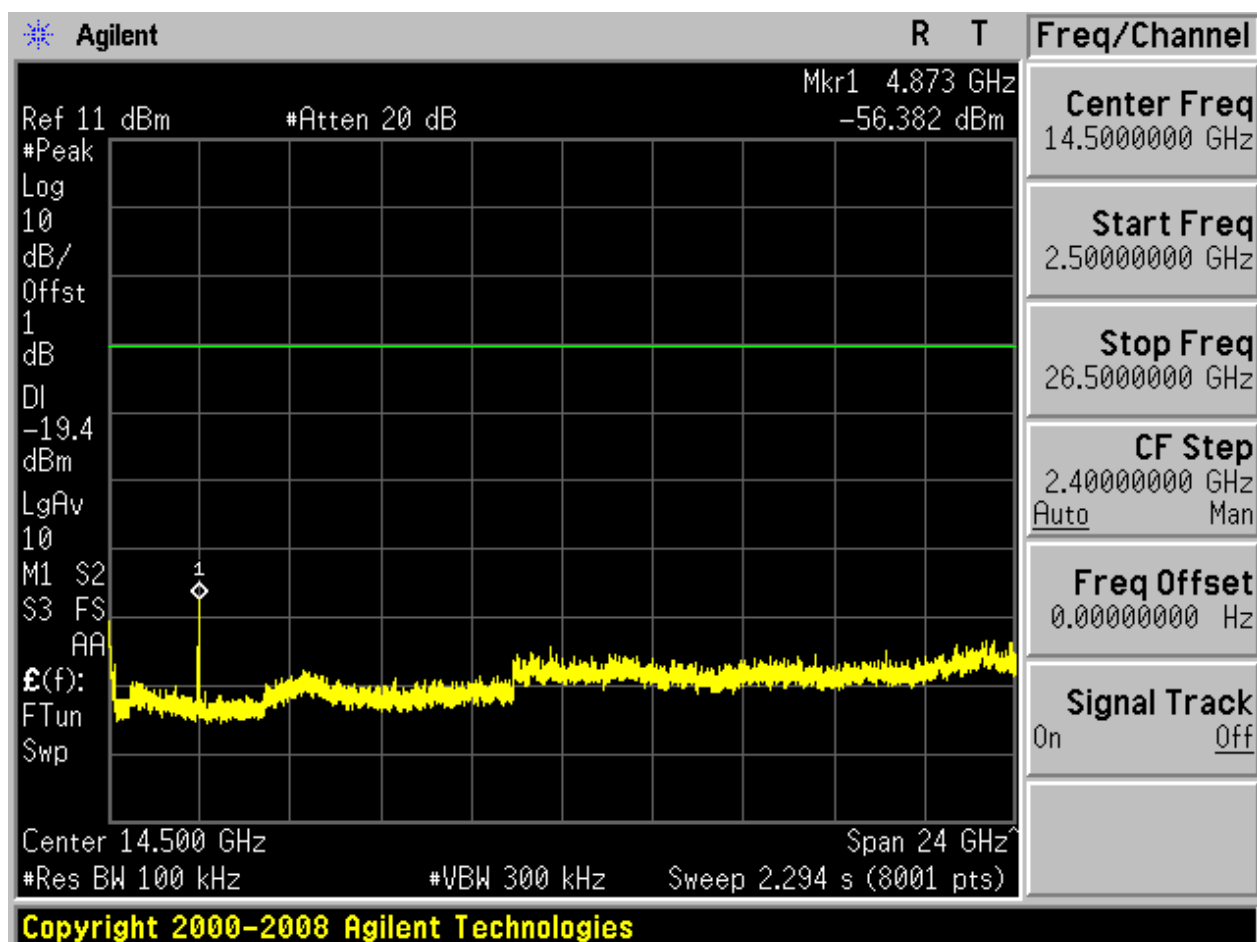








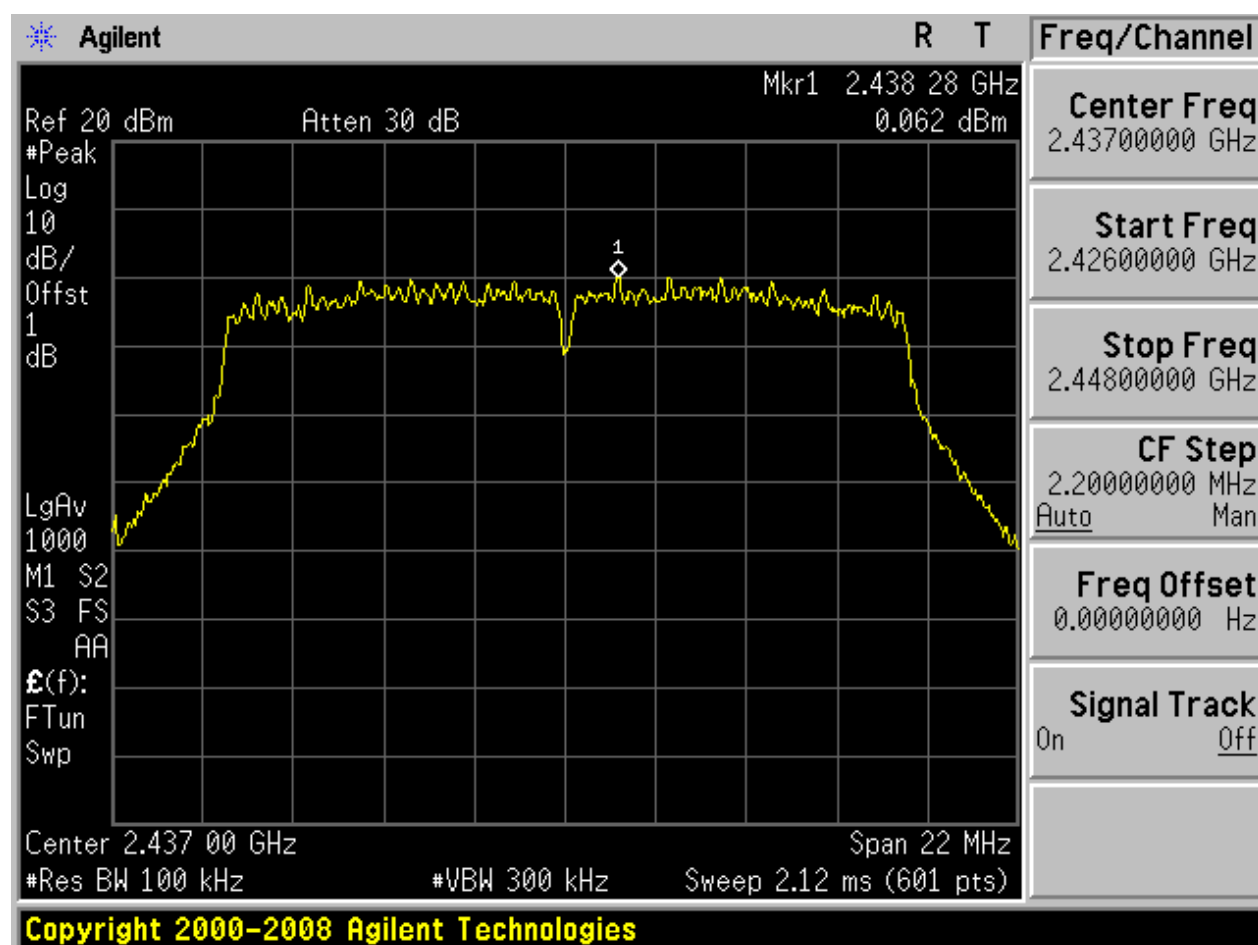




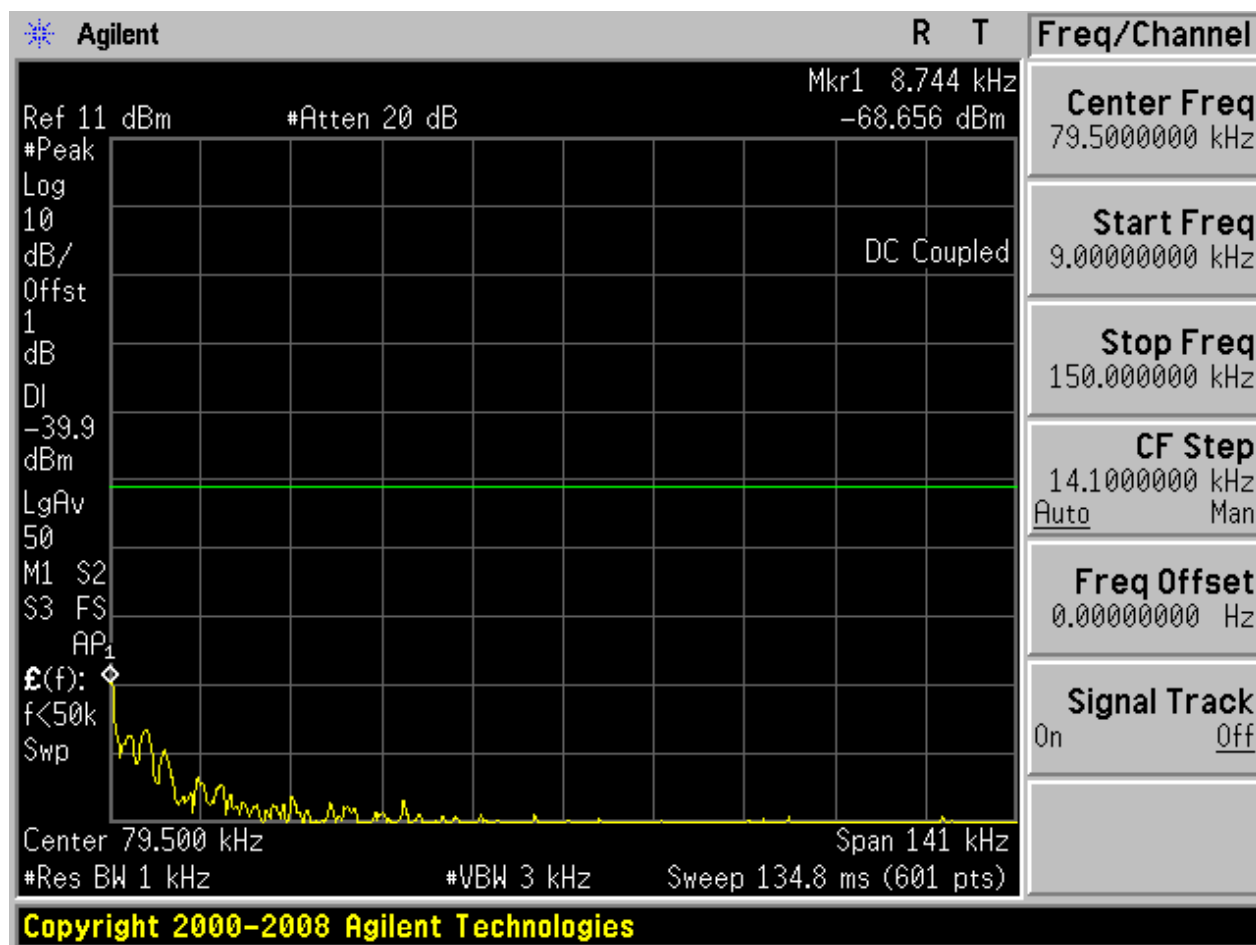


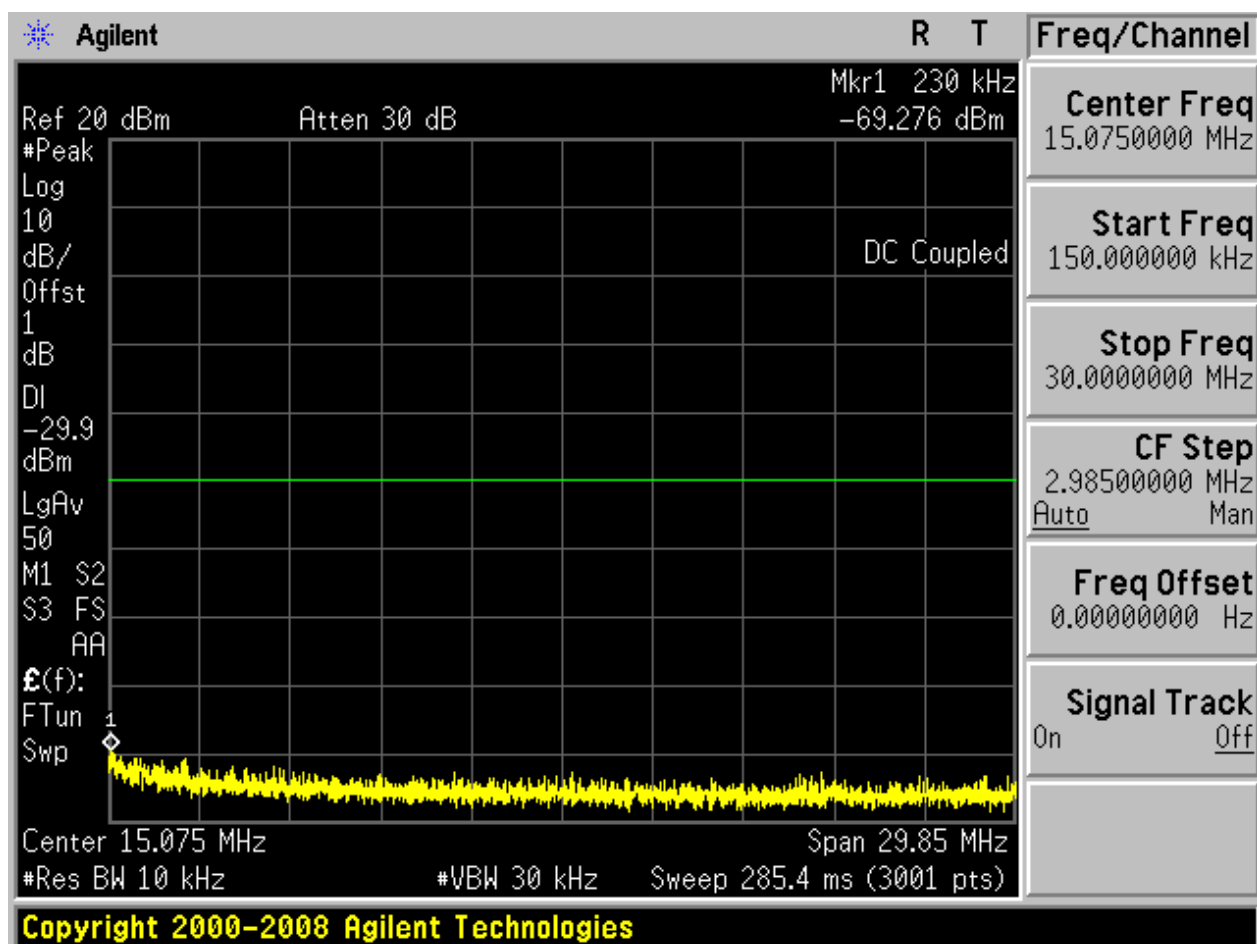
2.10 11G_M@Ant 2

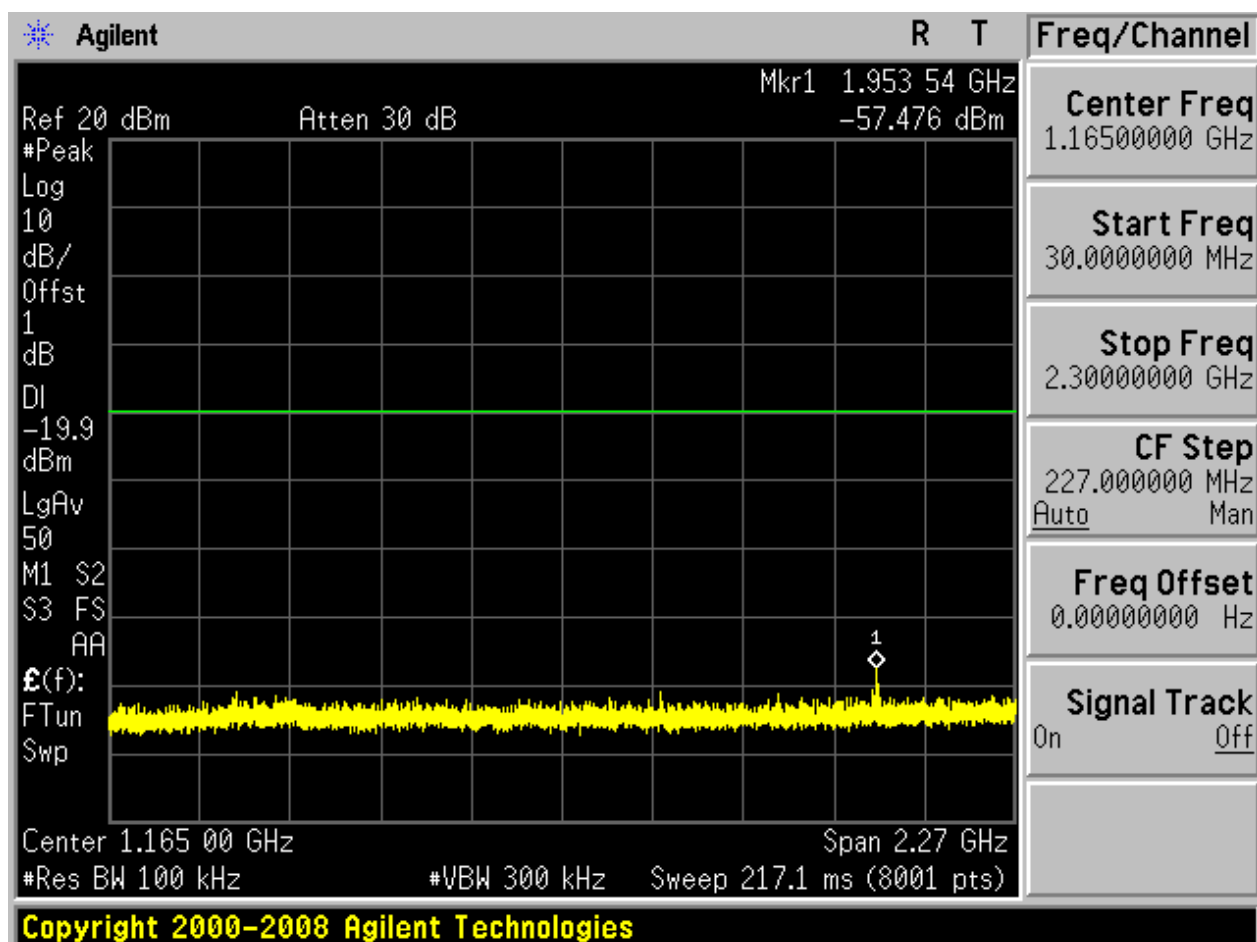
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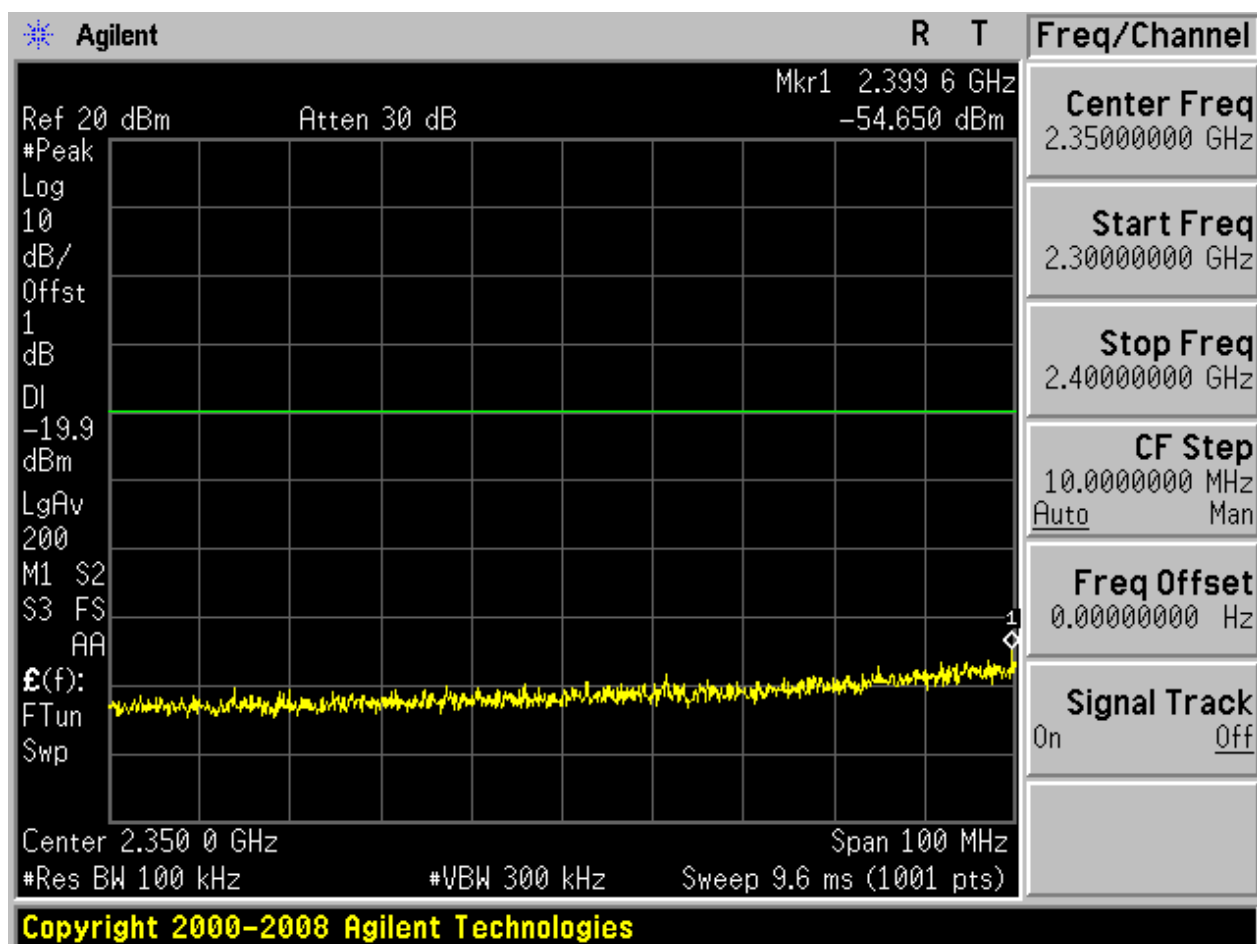


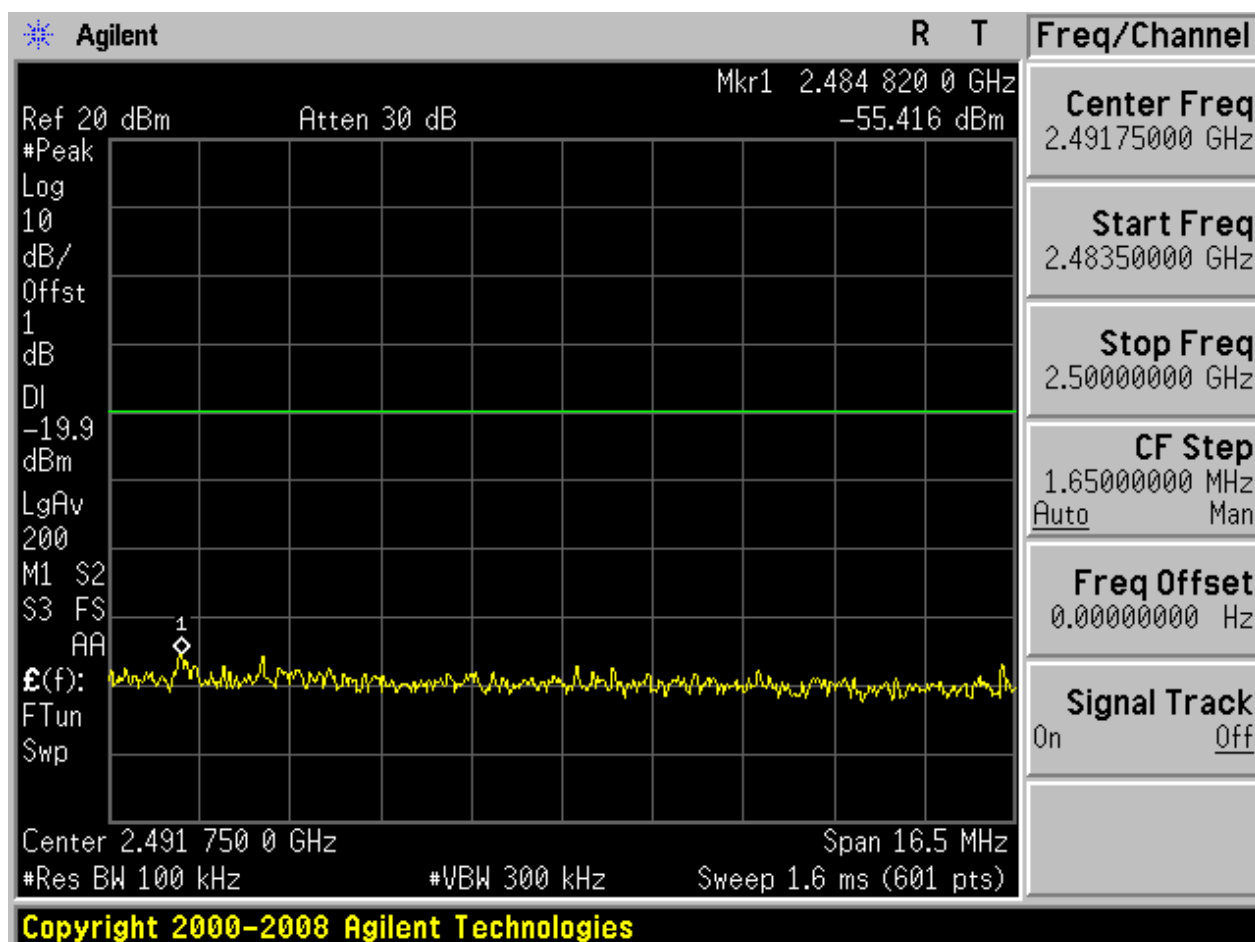
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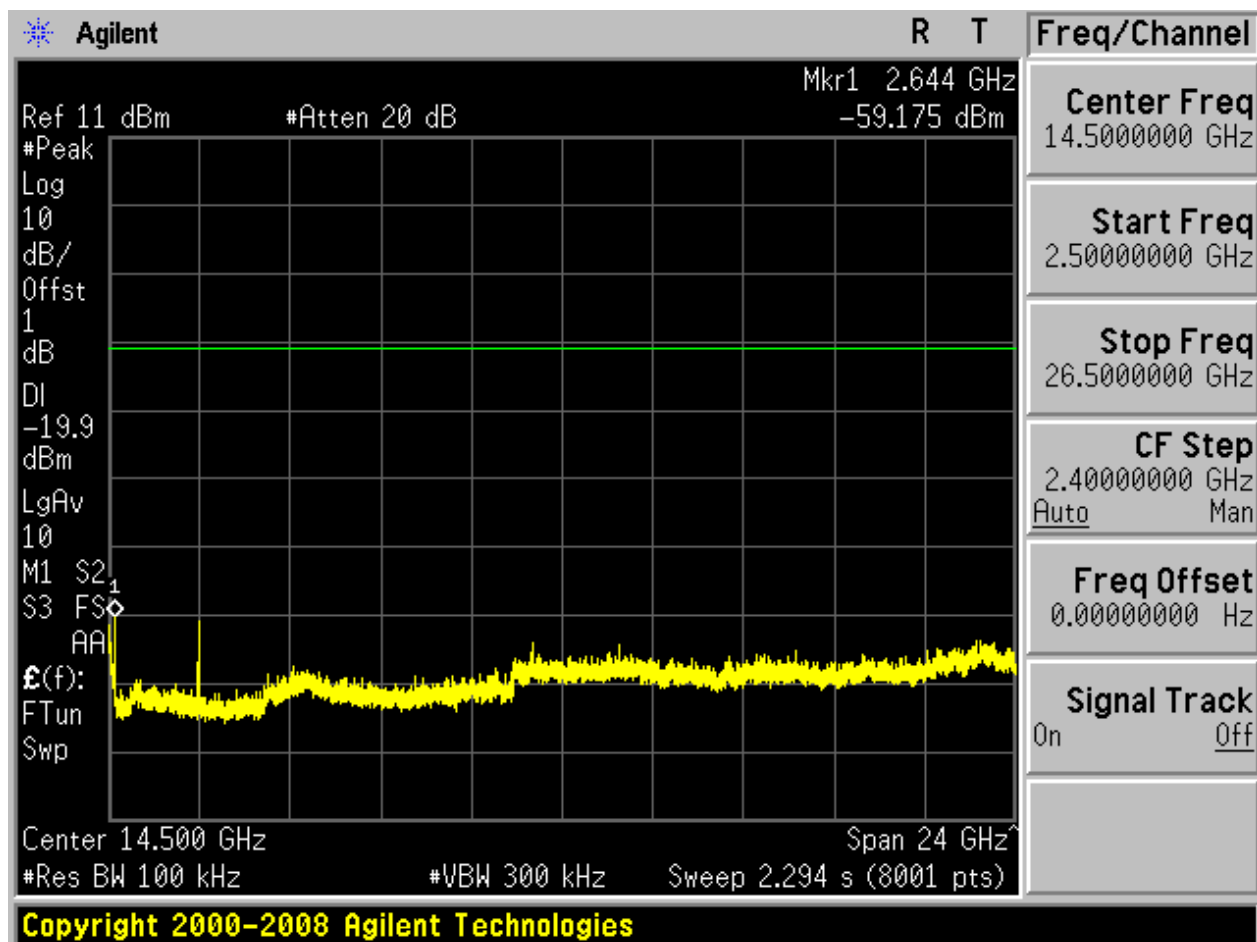








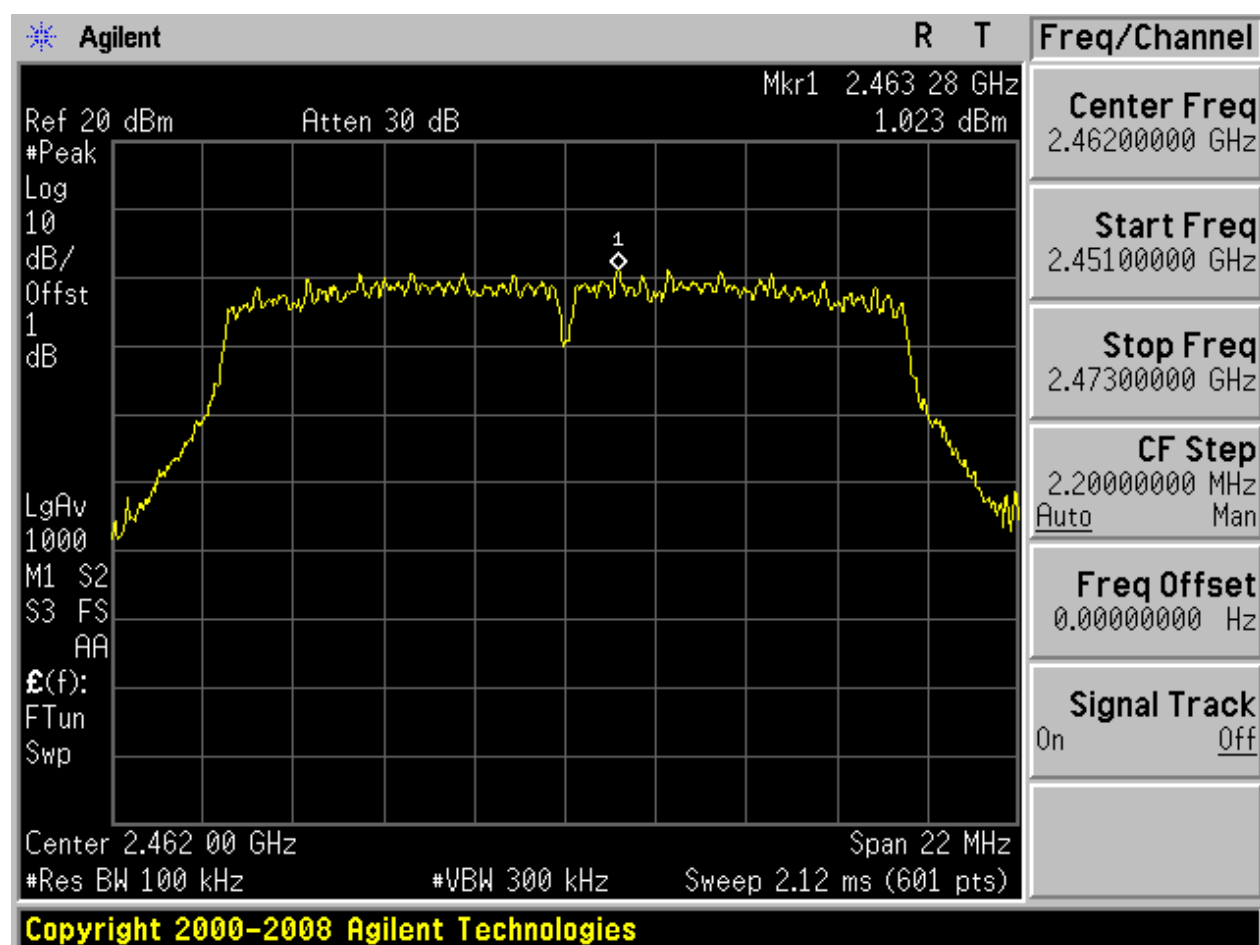




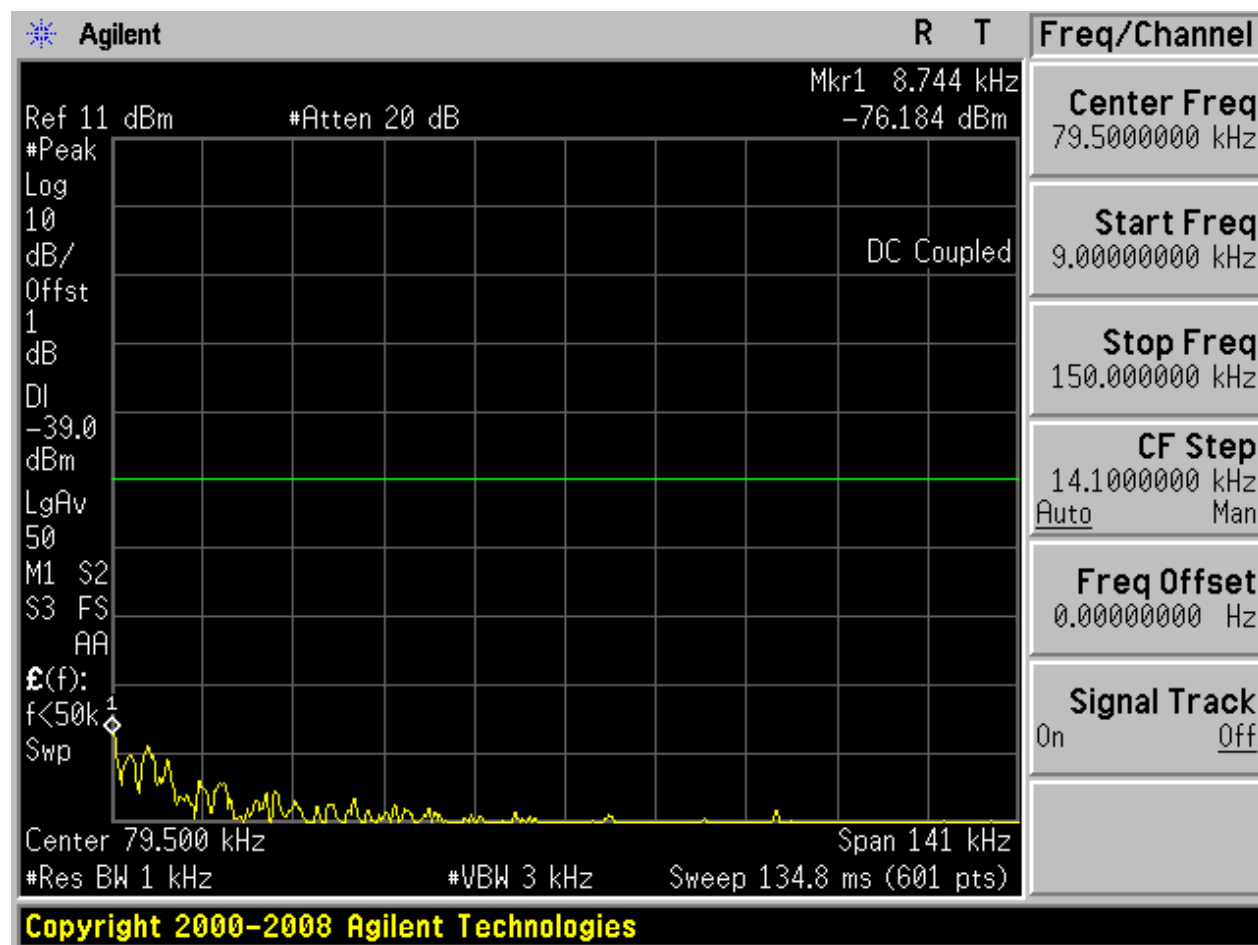


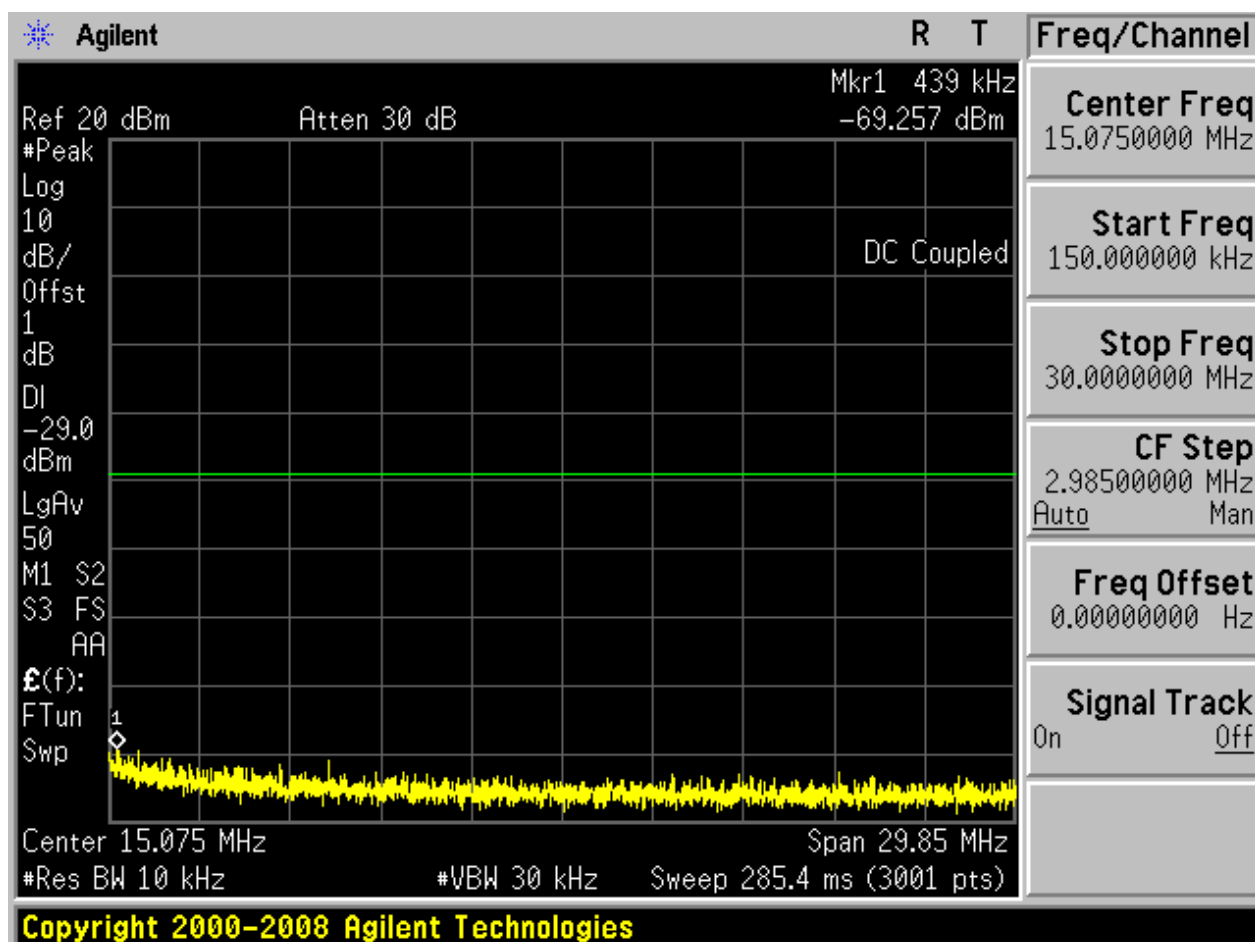
2.11 11G_H@Ant 1

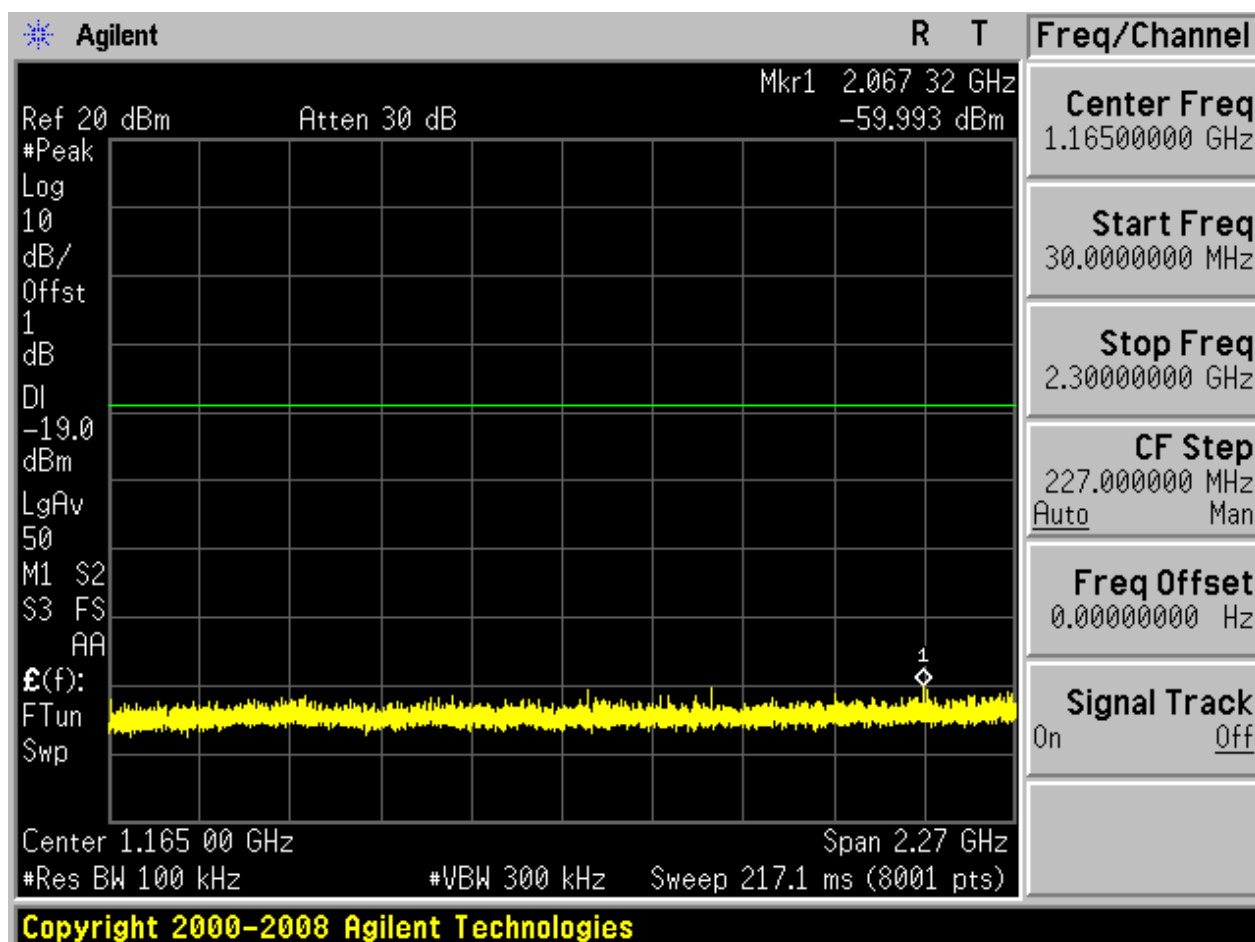
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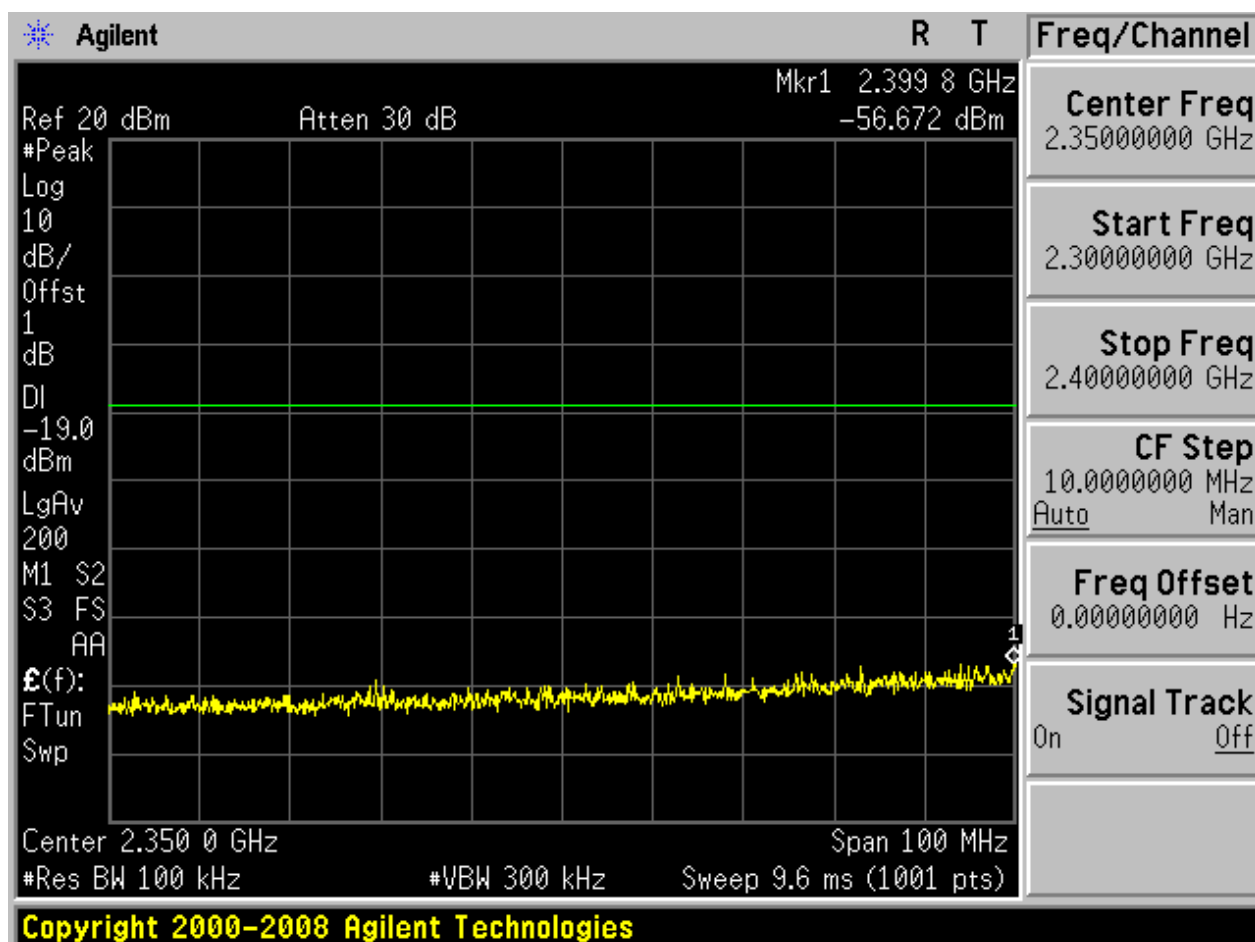


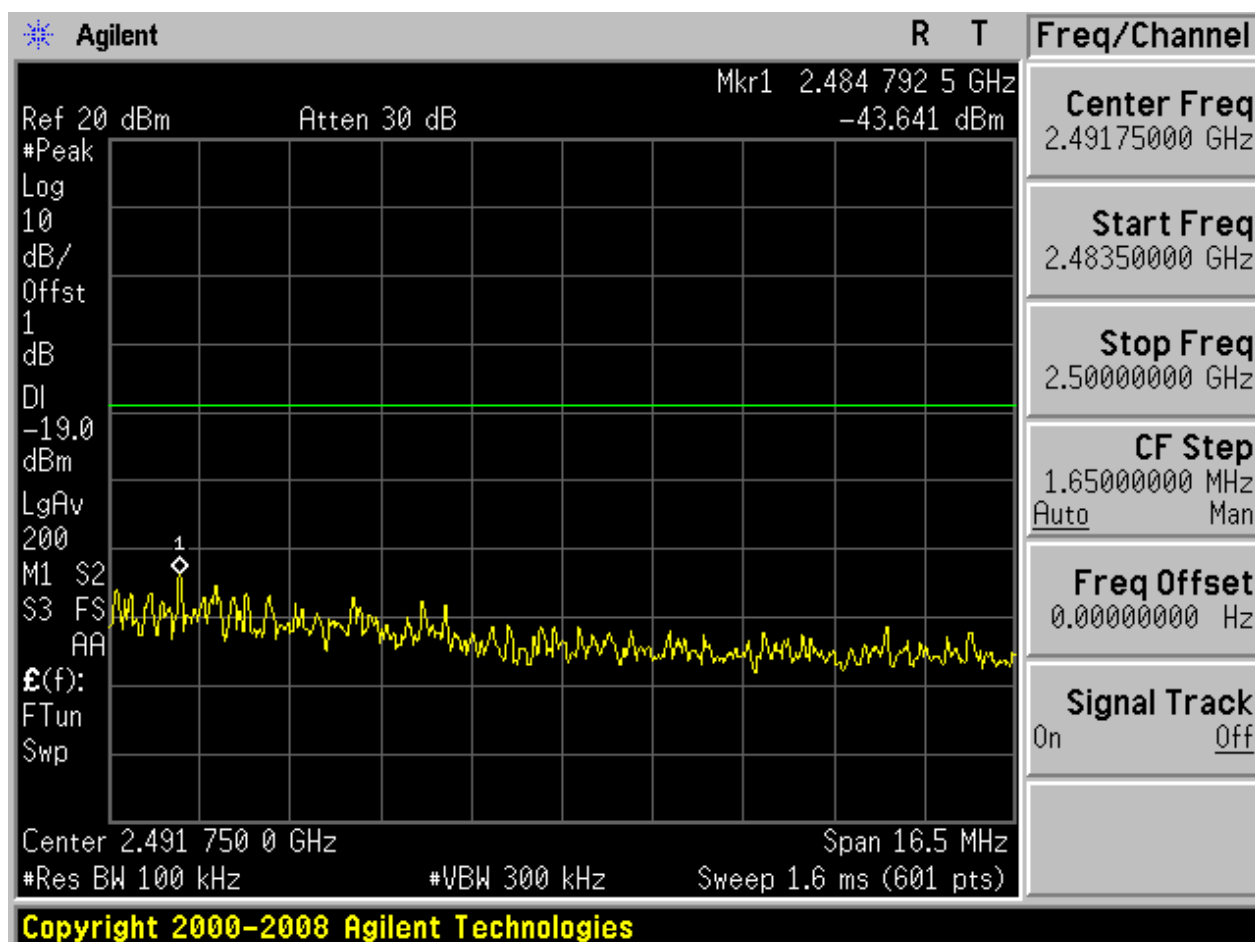
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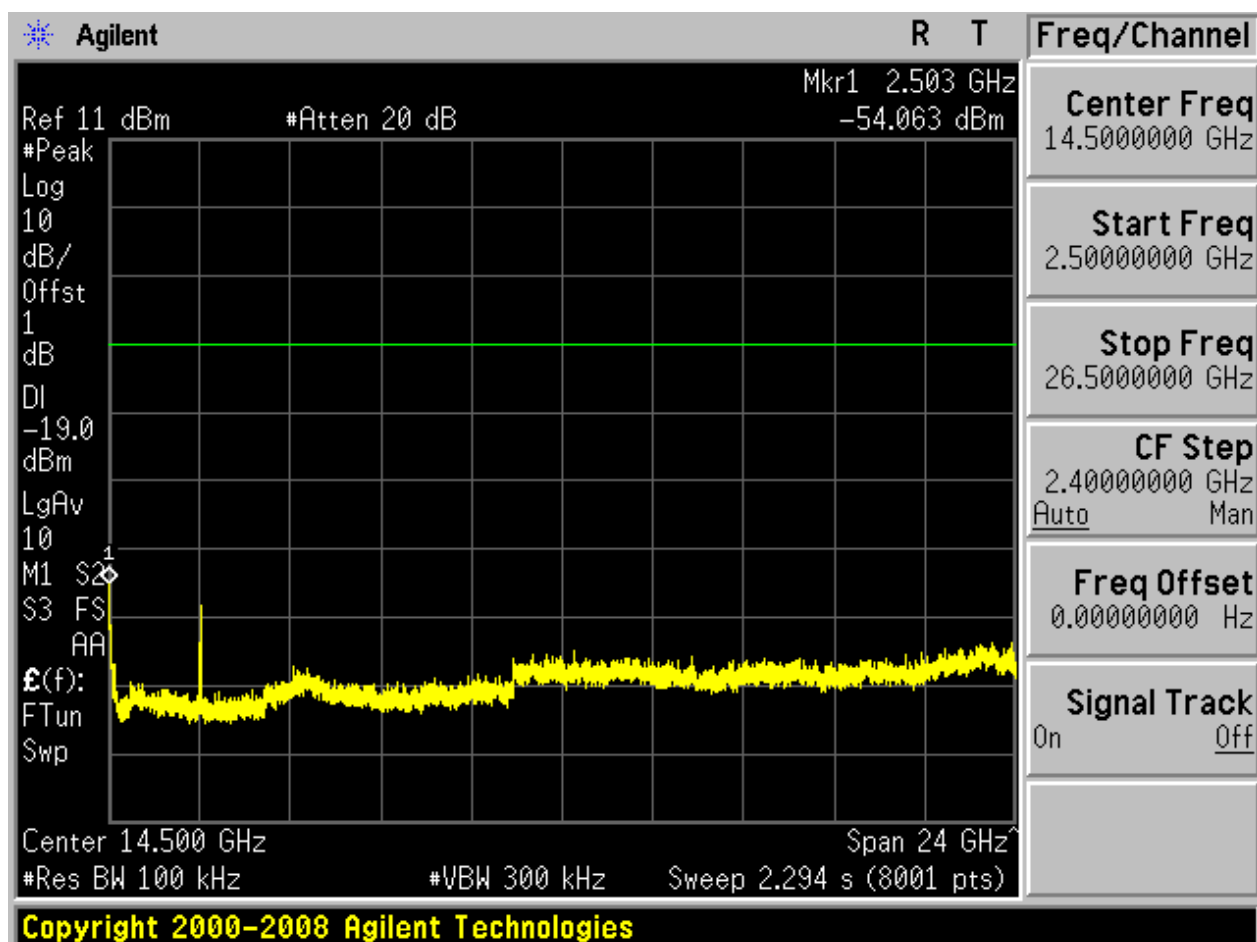






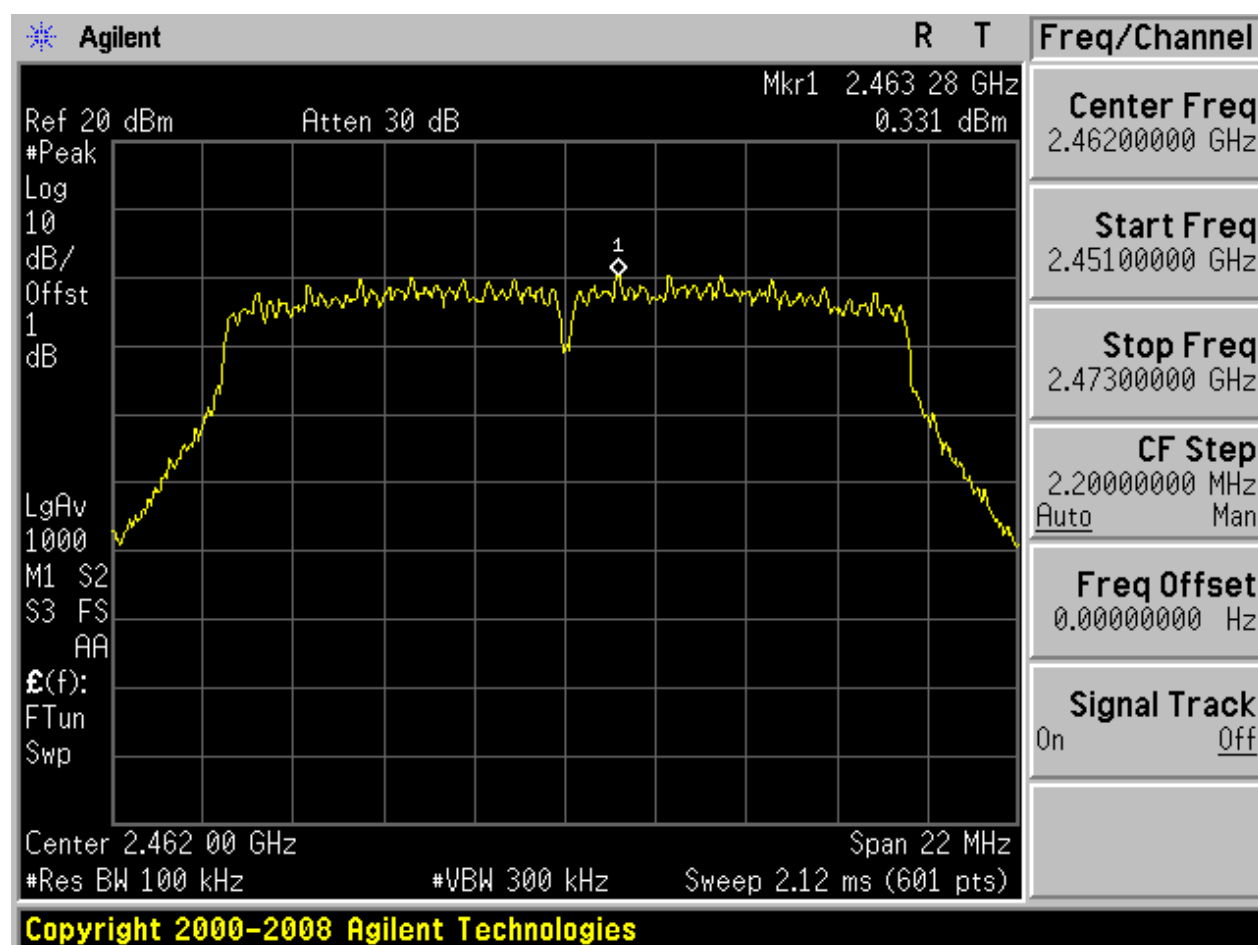




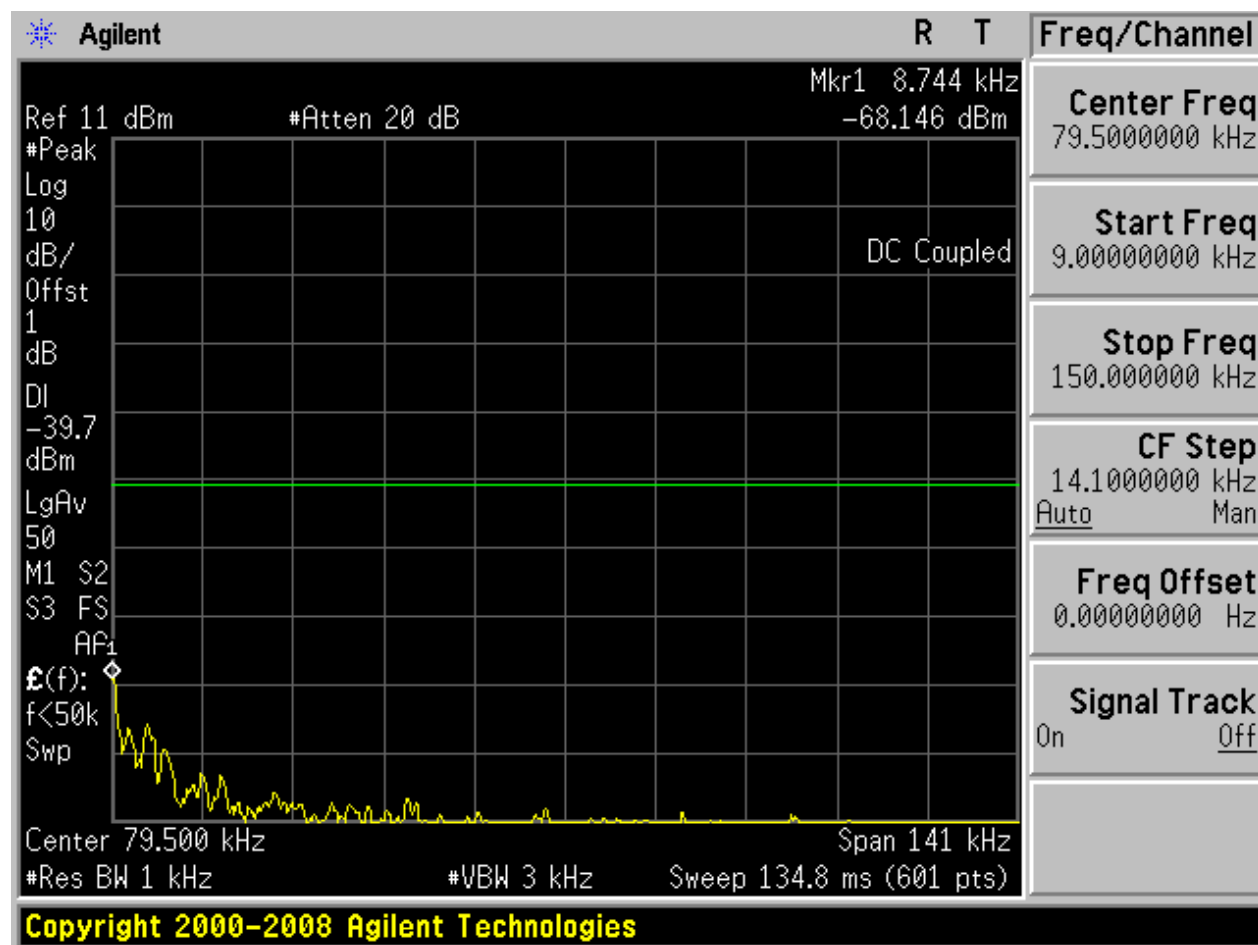


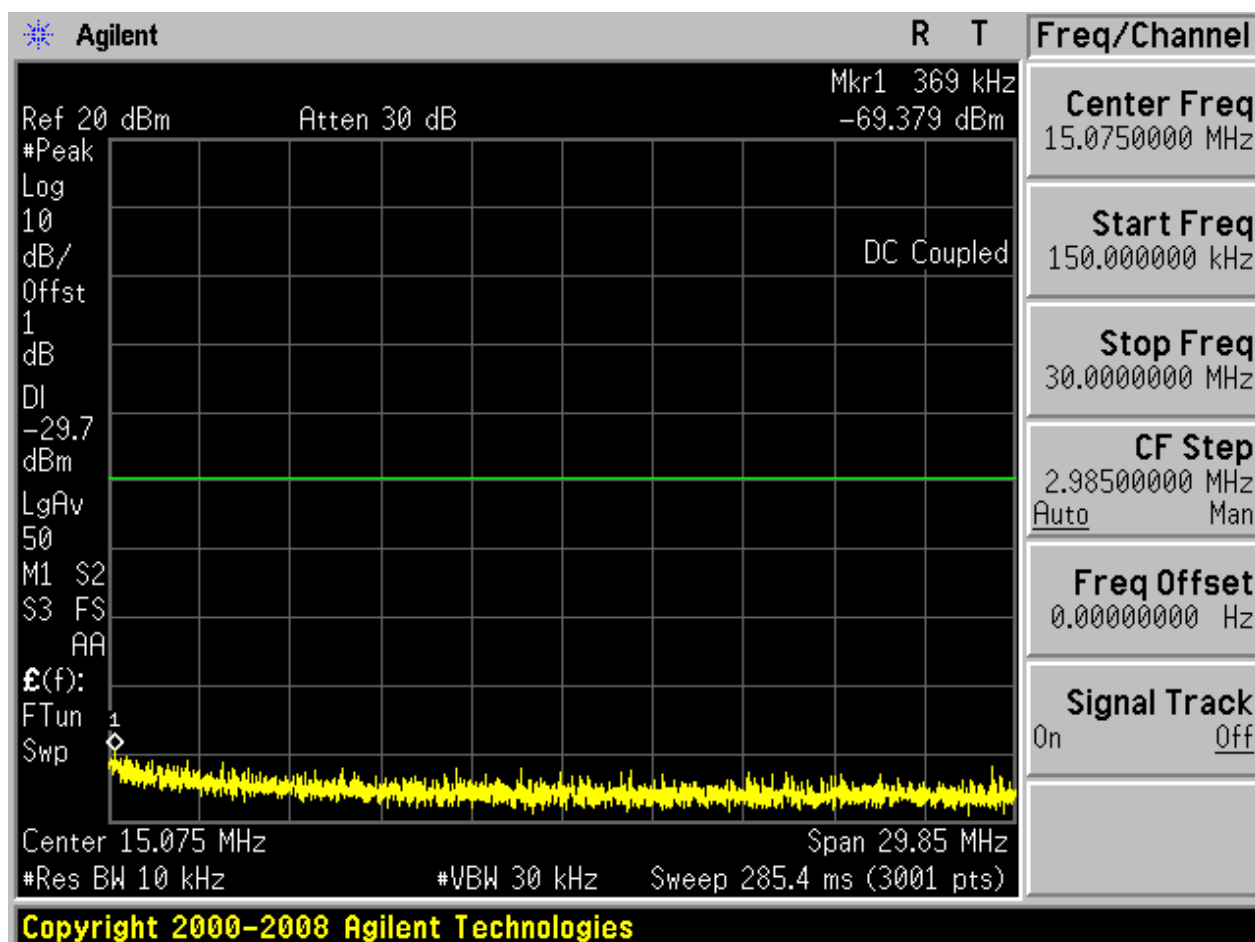
2.12 11G_H@Ant 2

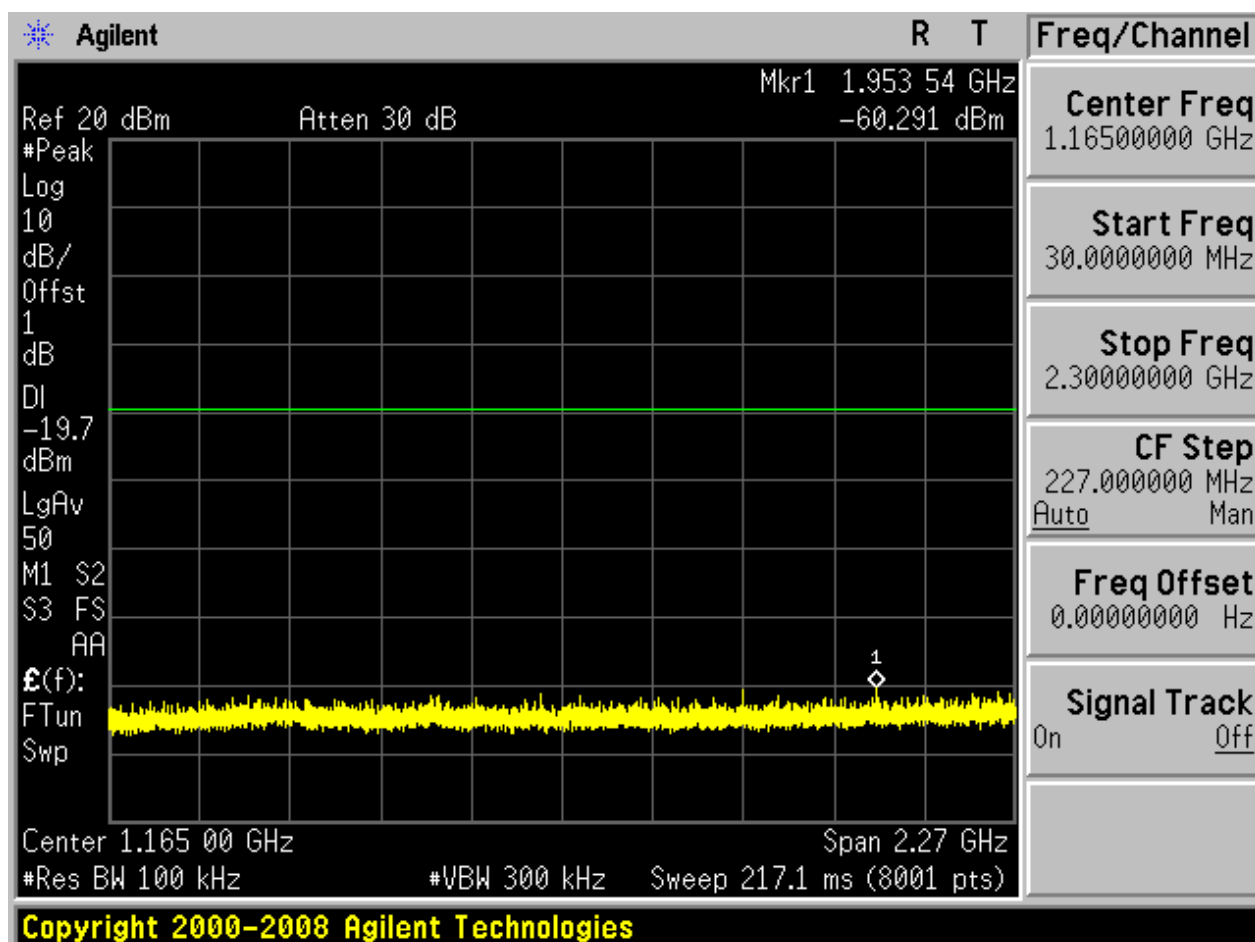
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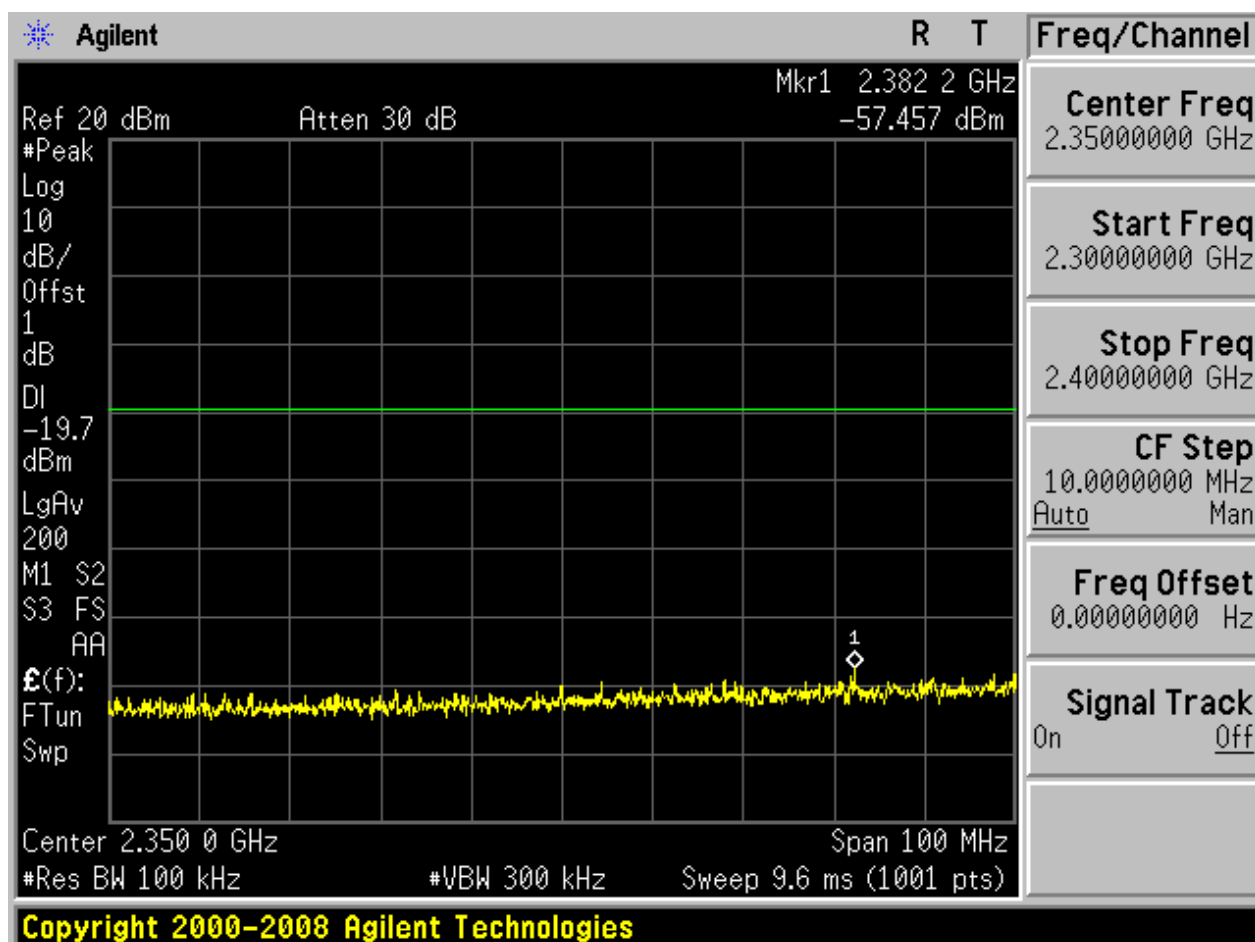


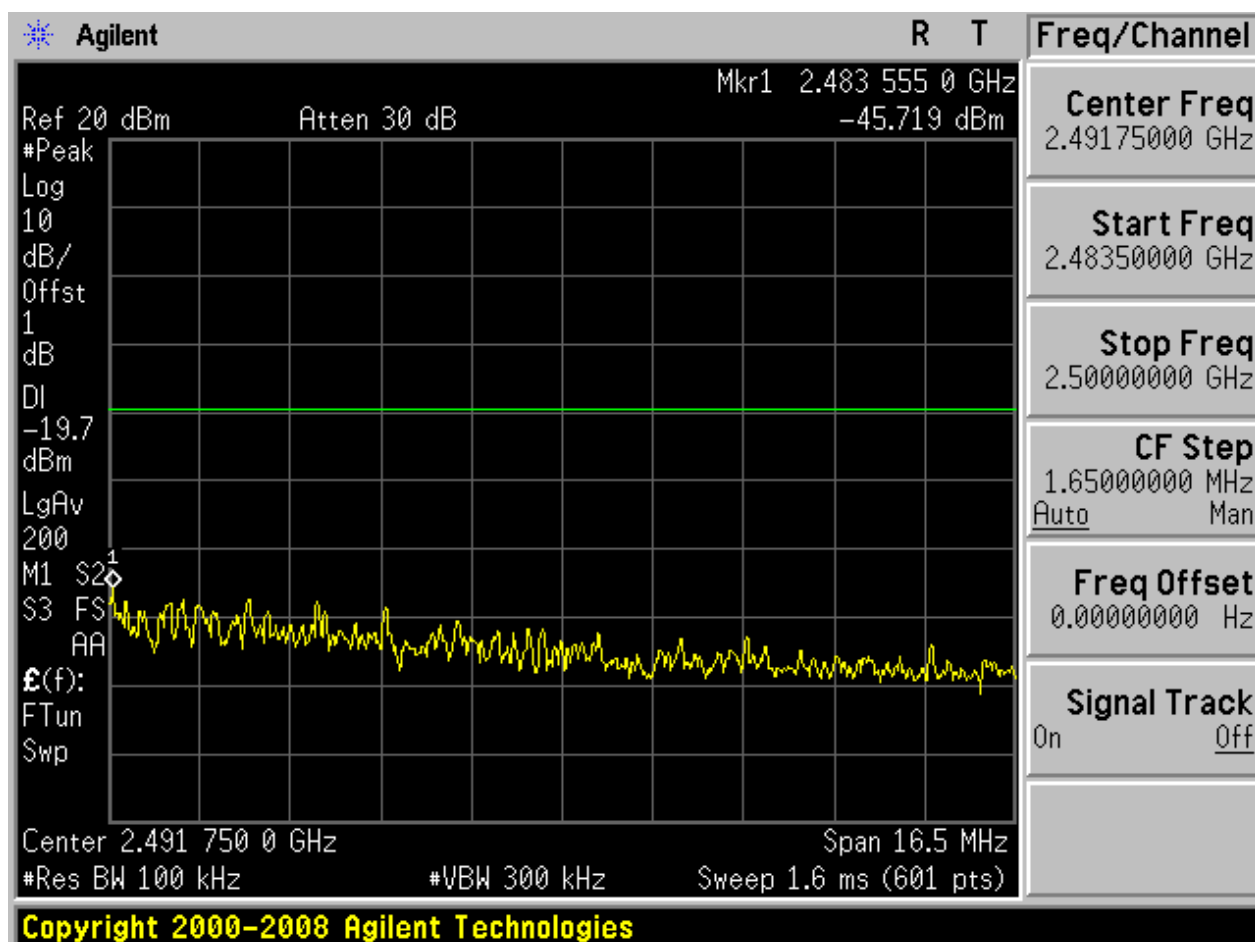
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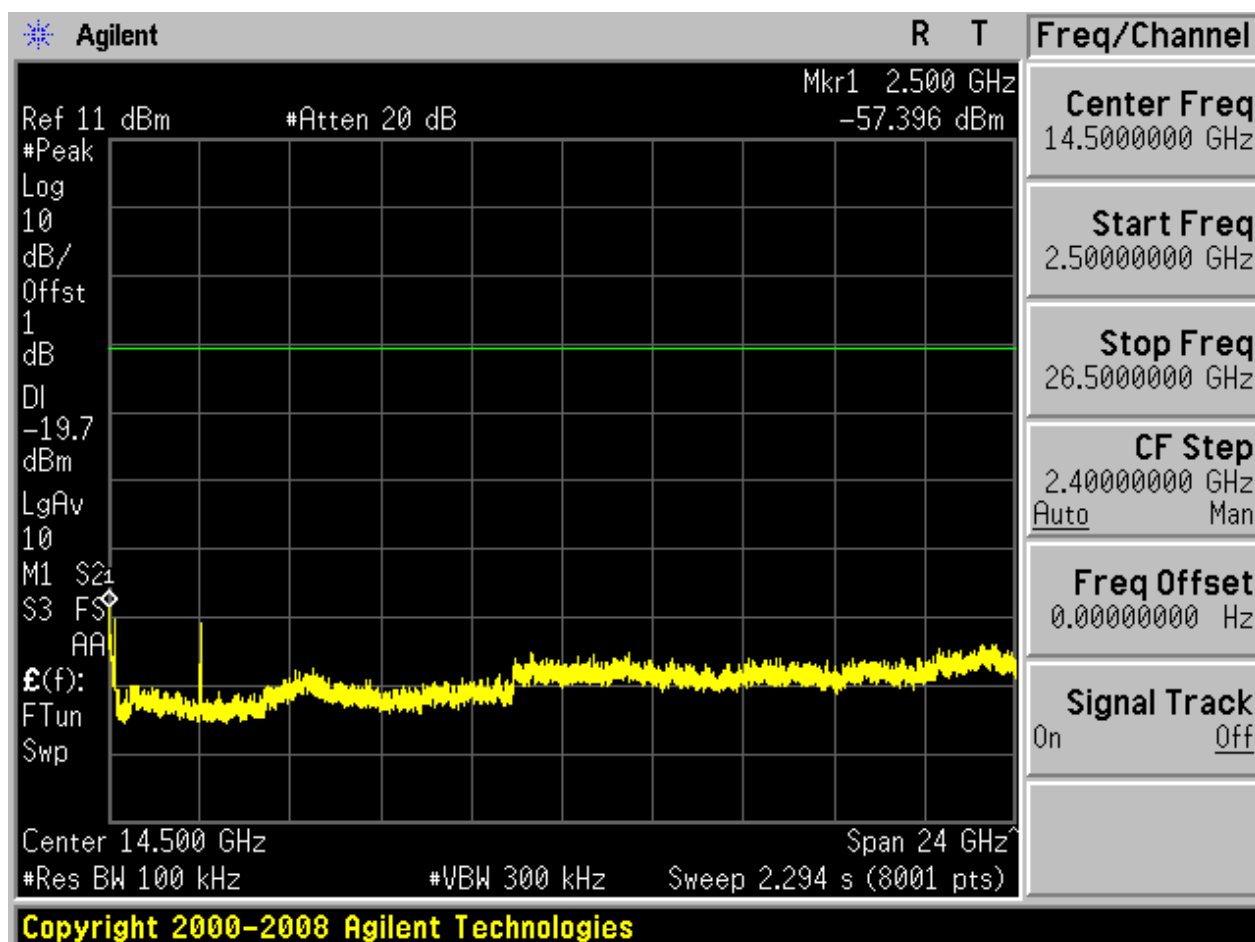








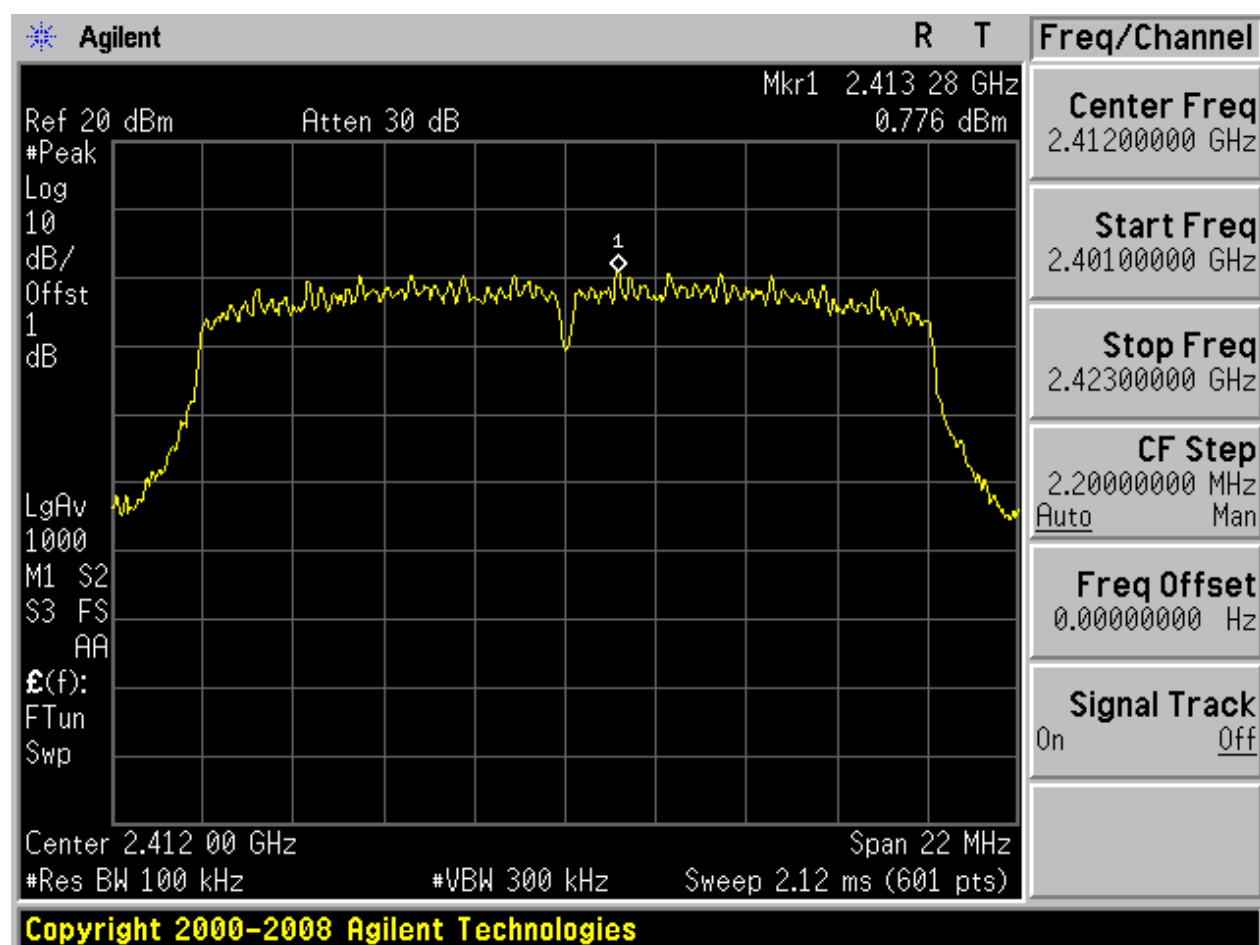






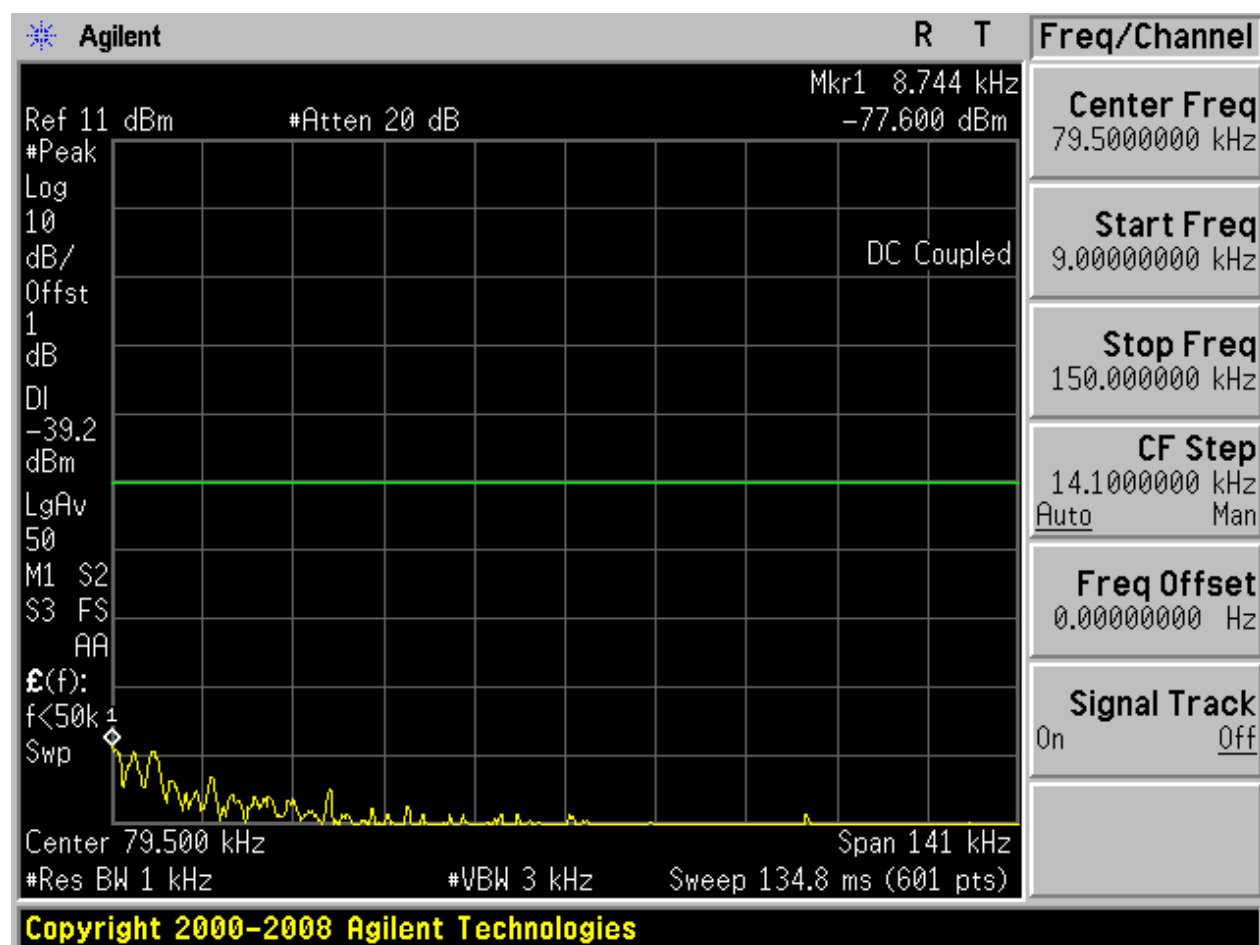
2.13 11N20_L@Ant 1

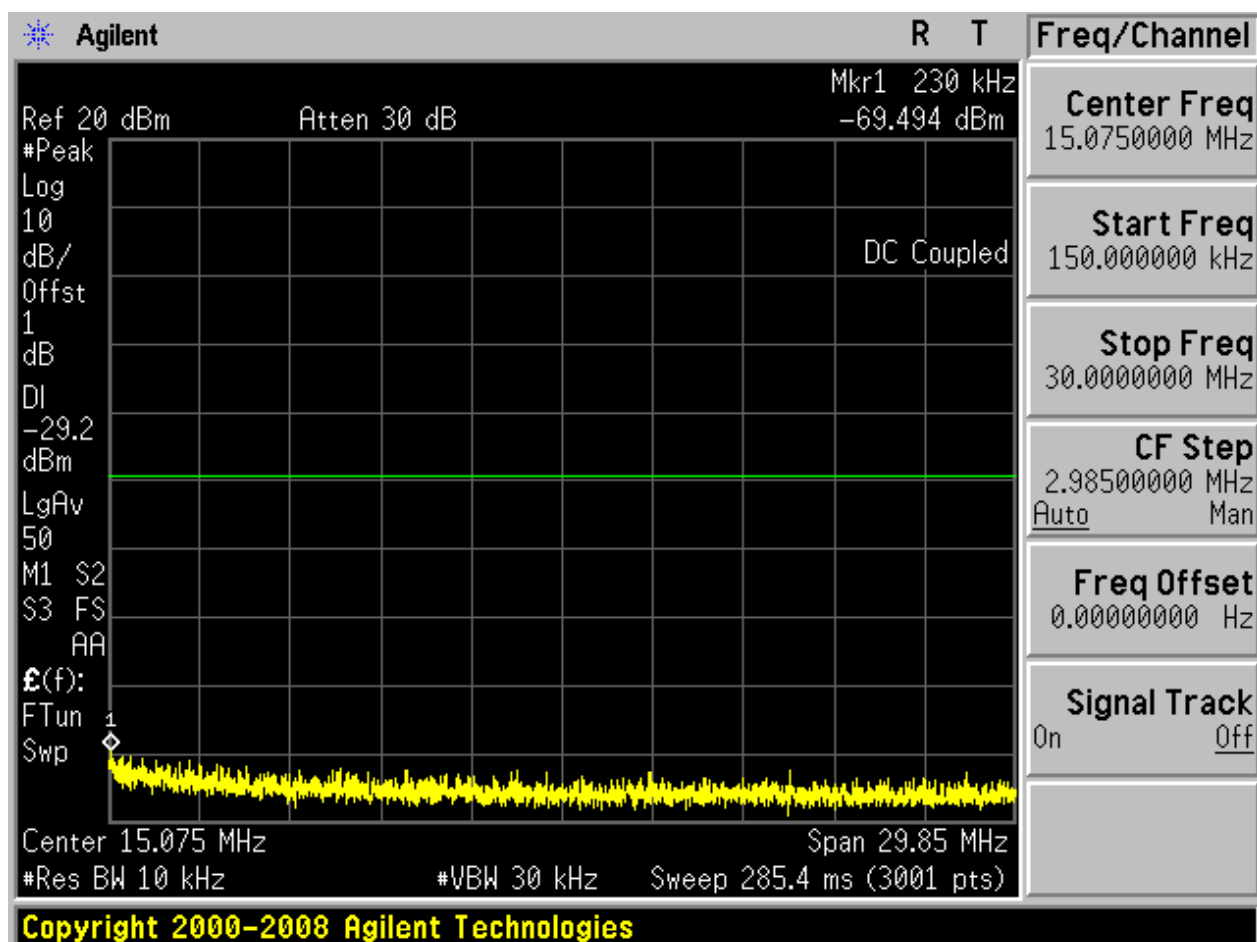
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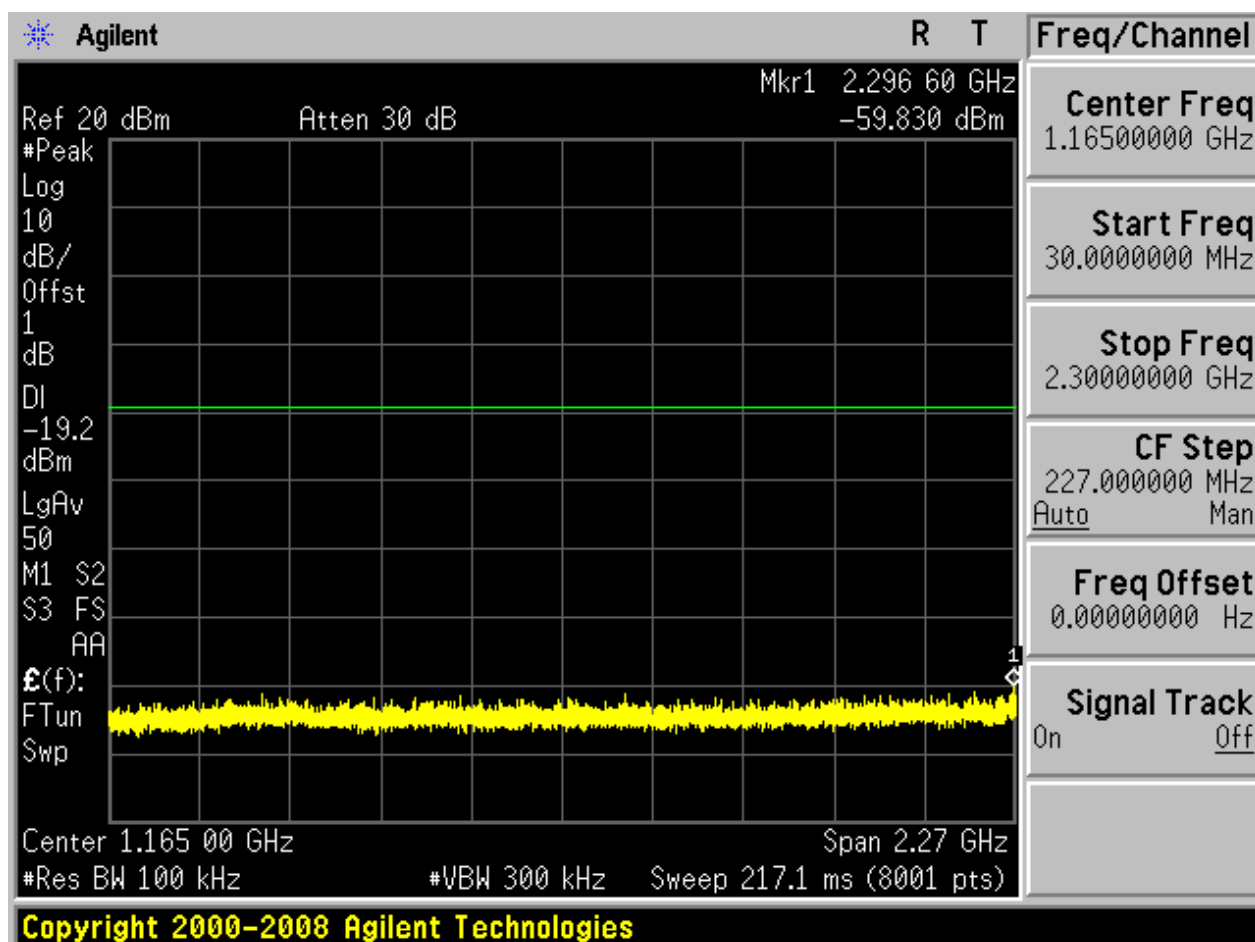


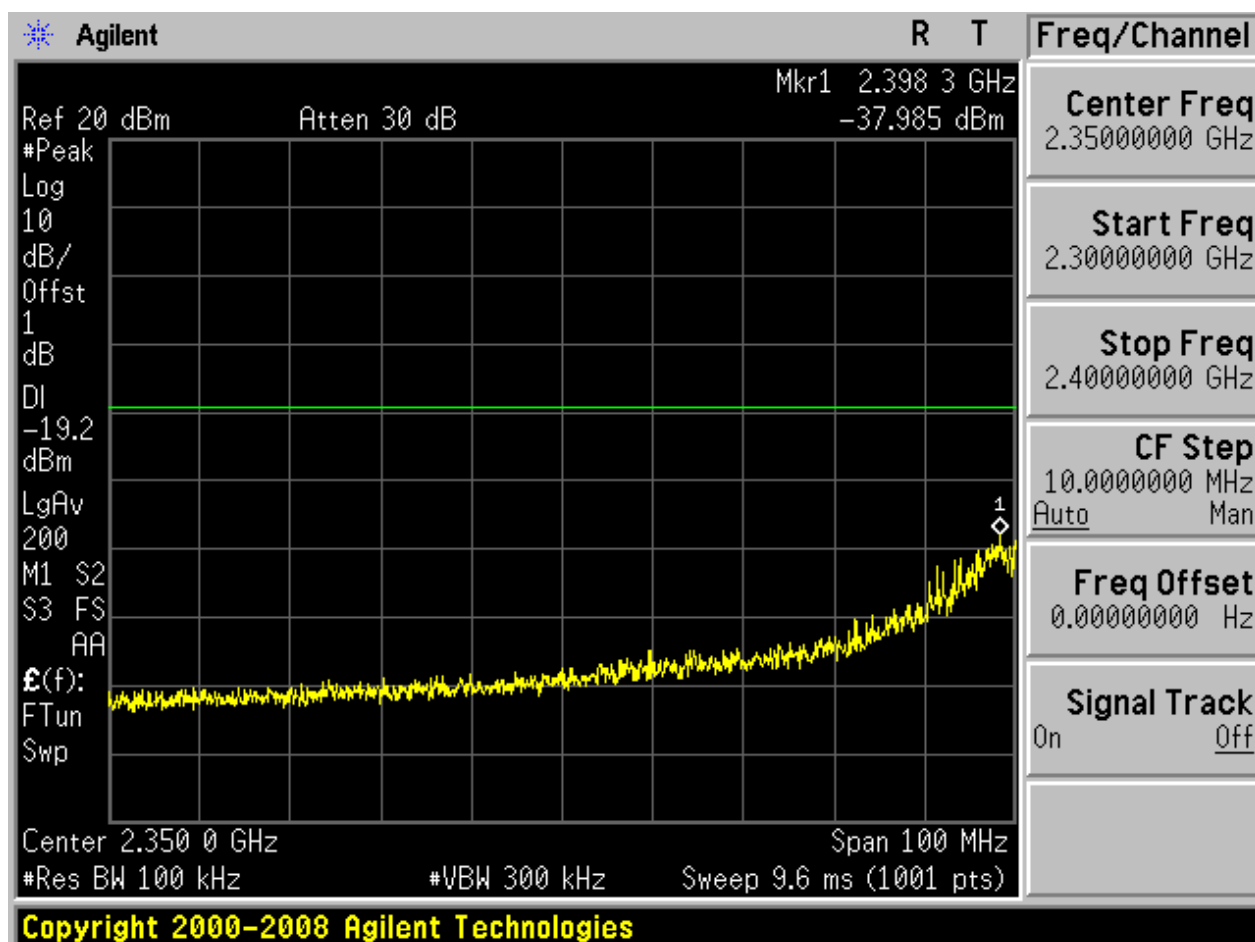


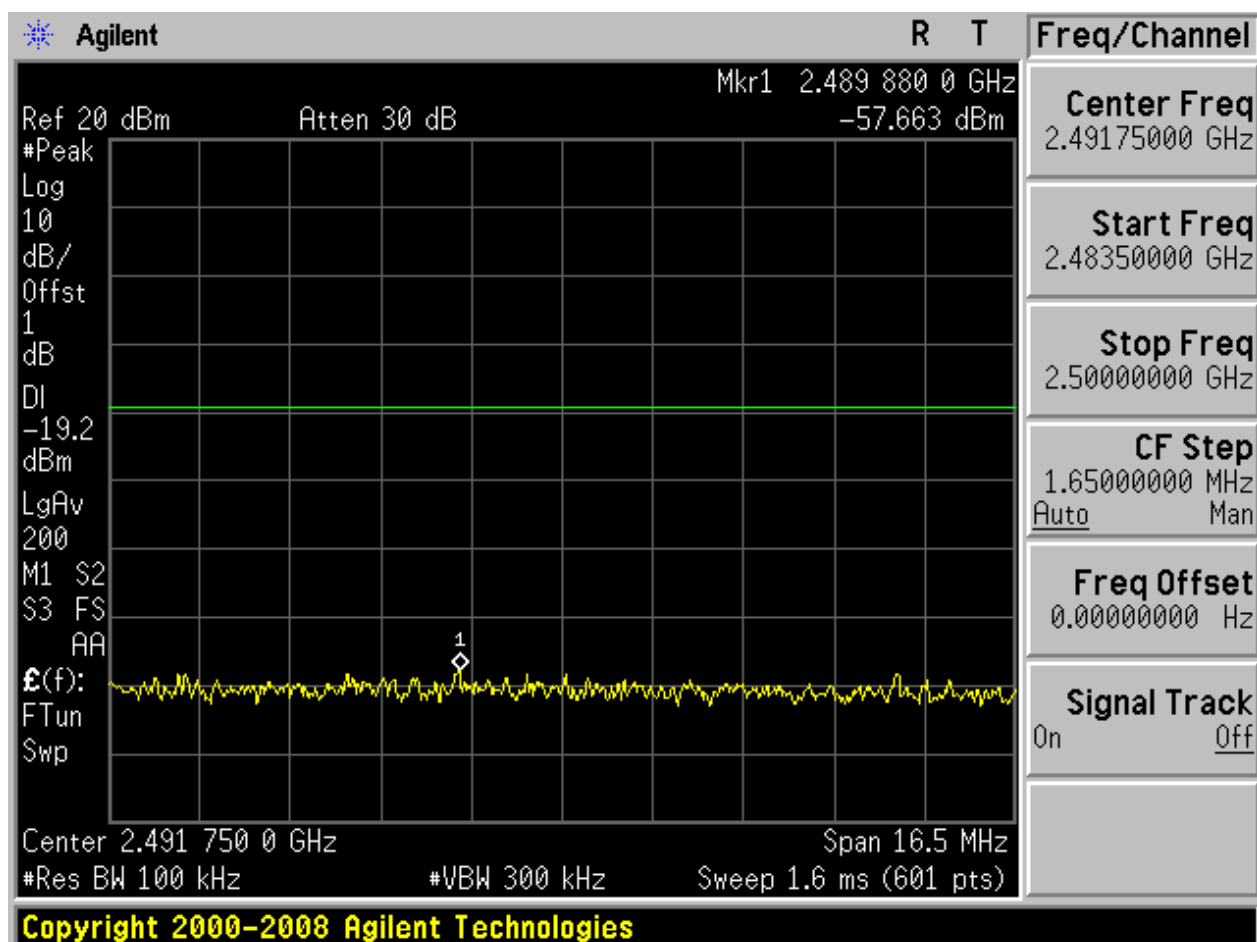
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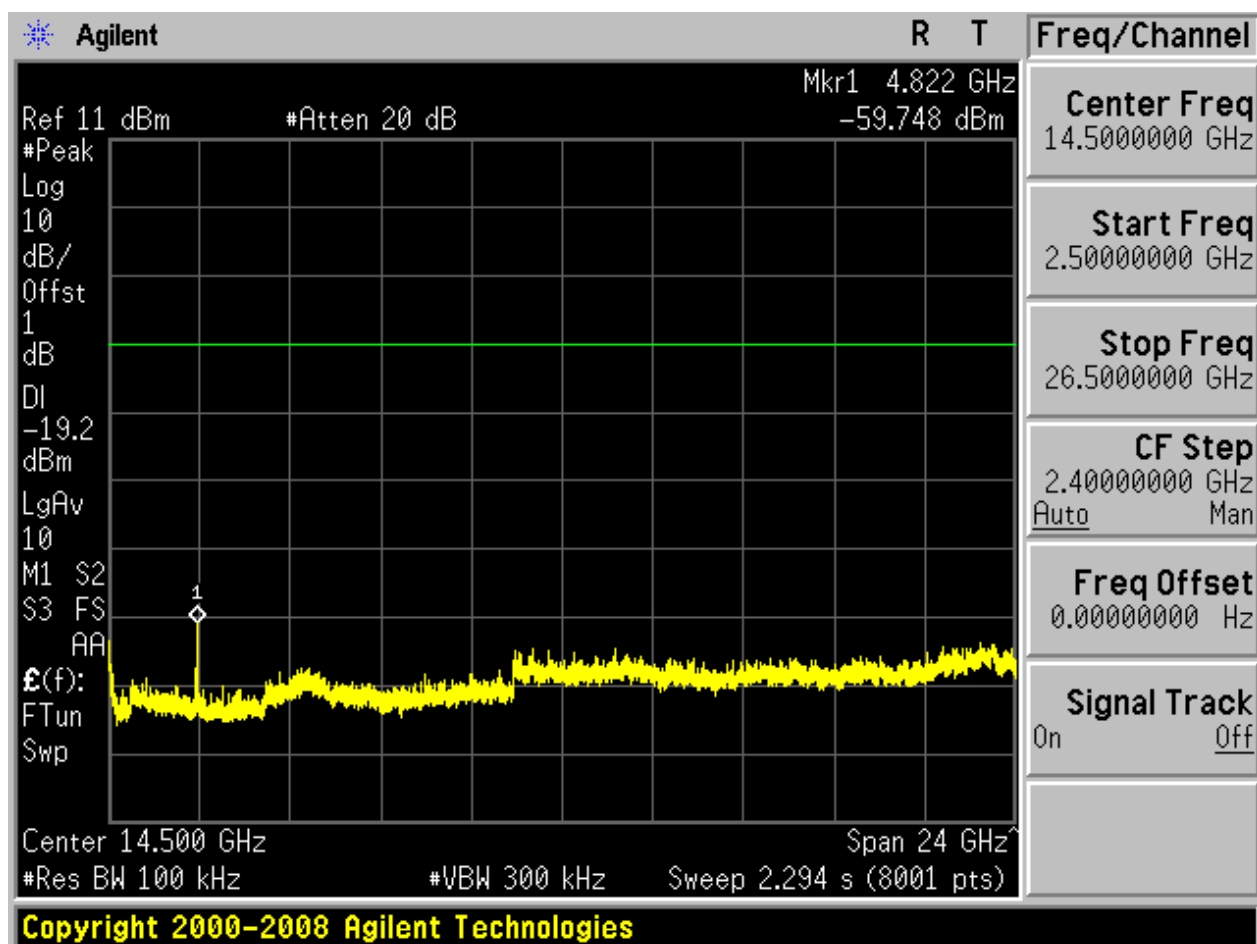








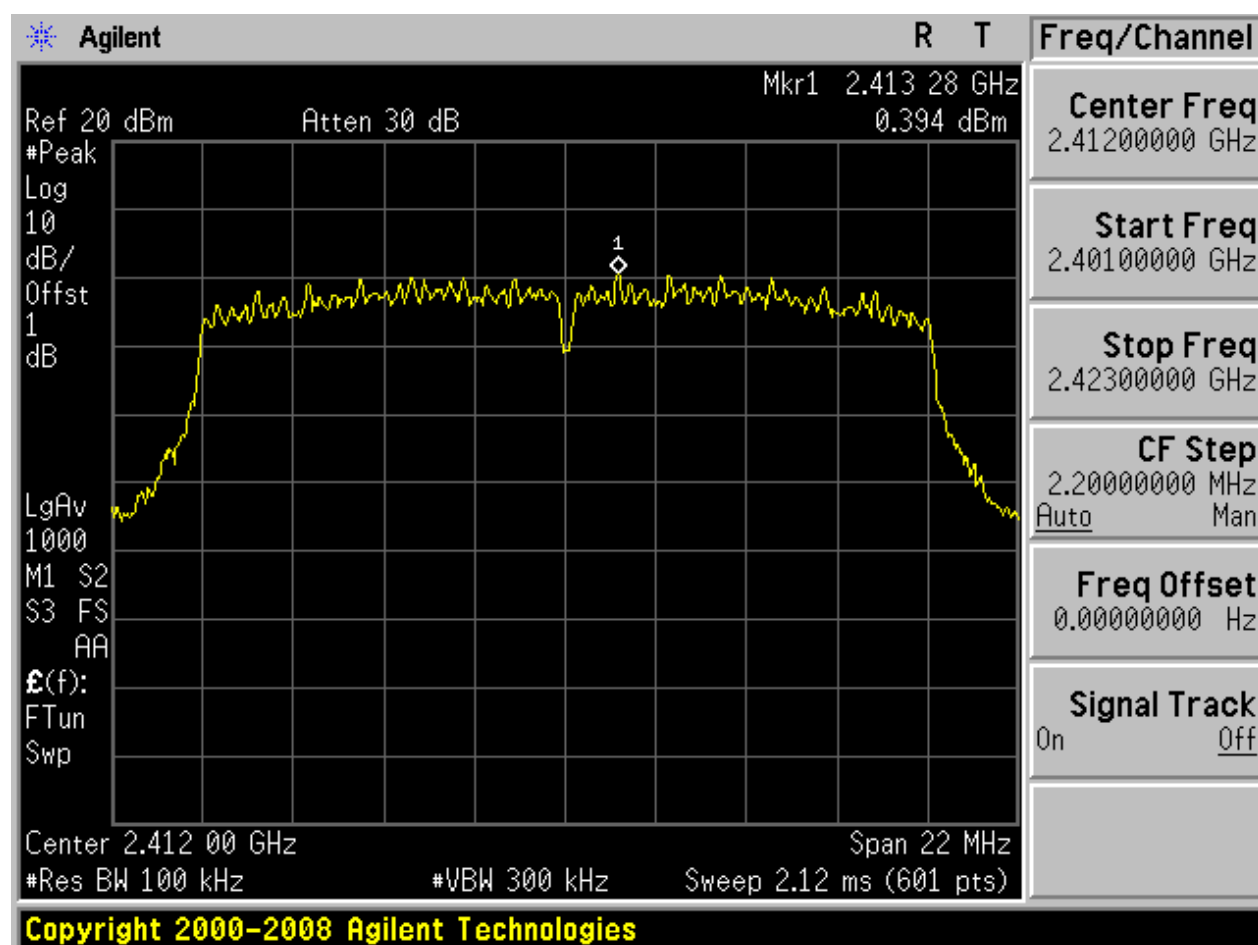




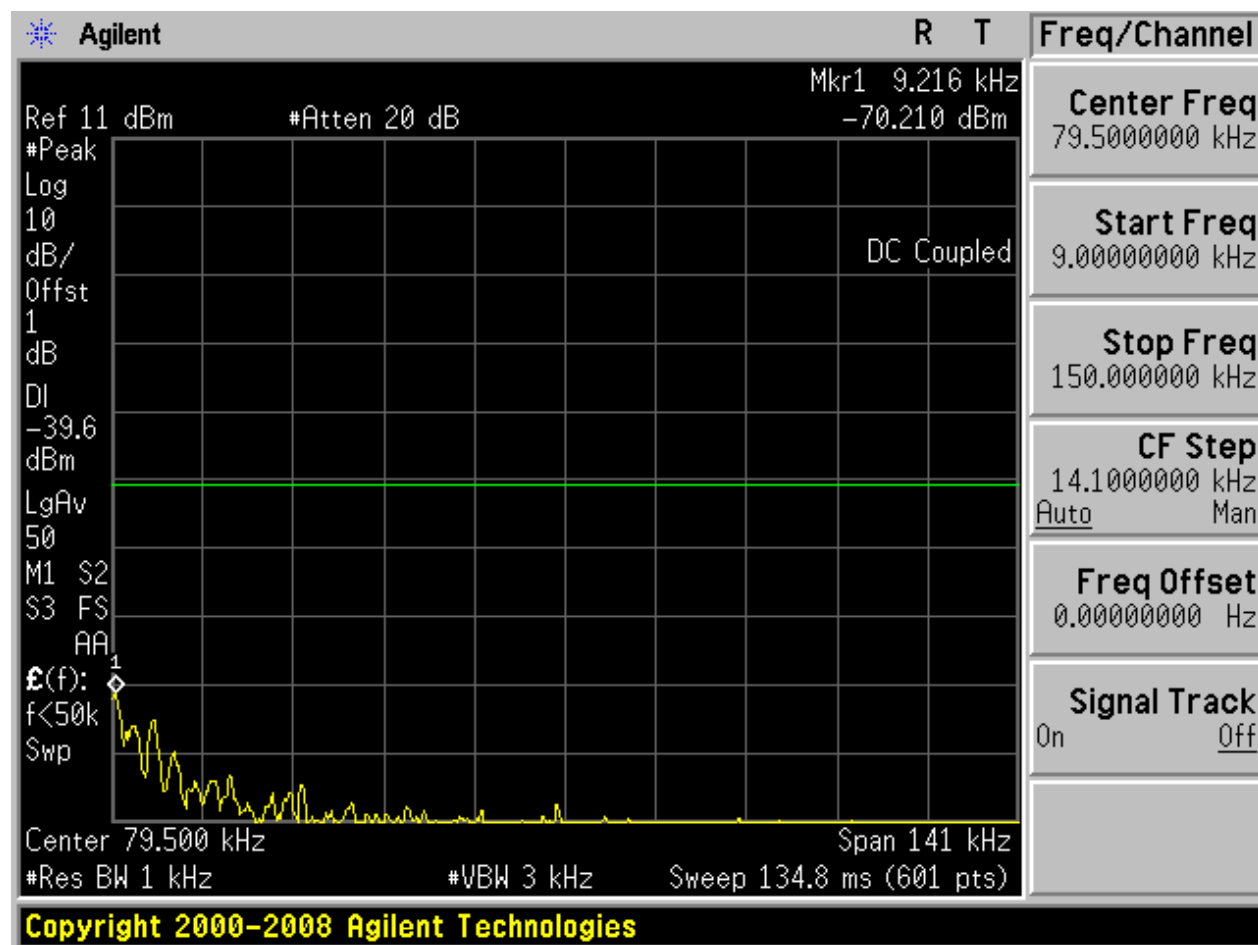


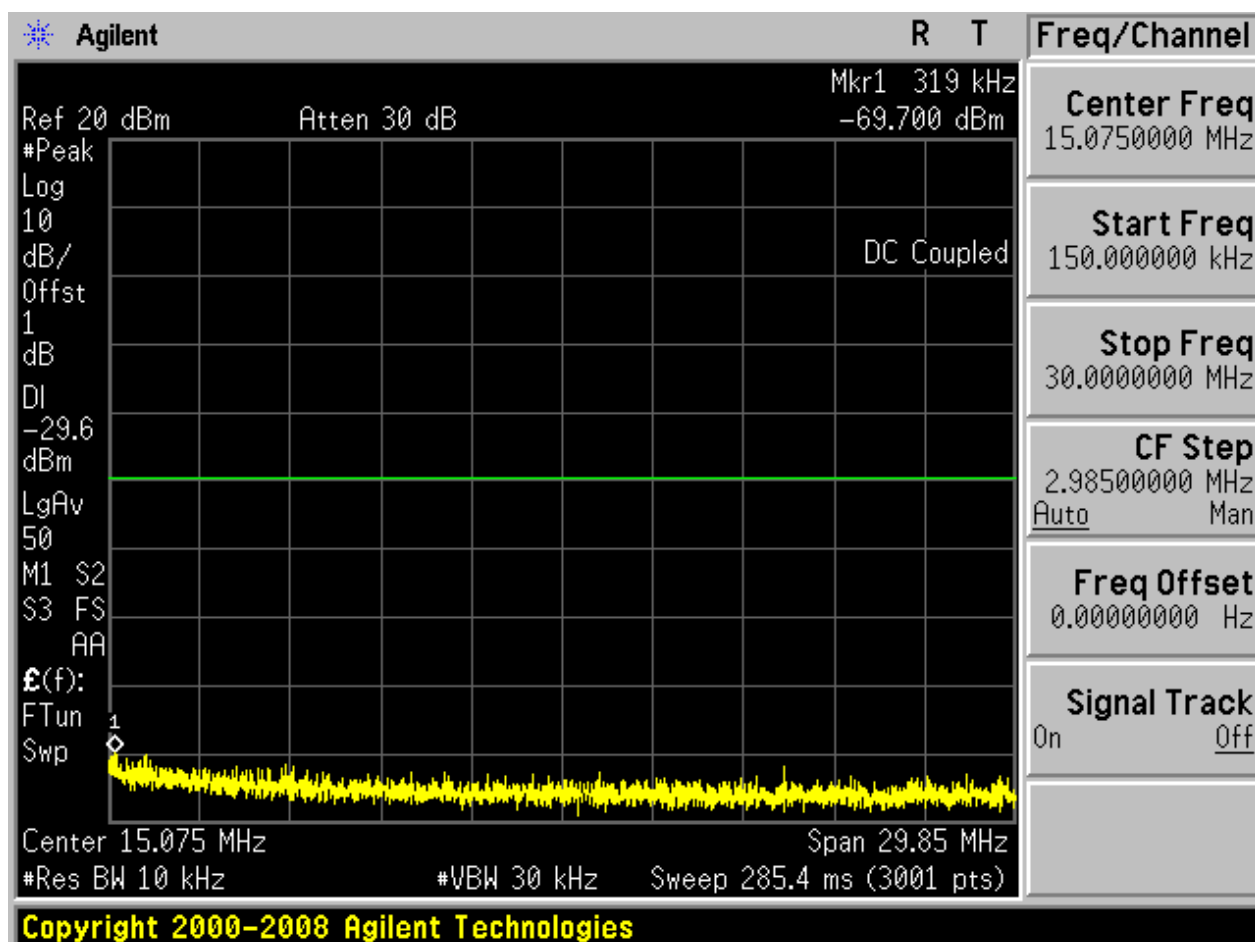
2.14 11N20_L@Ant 2

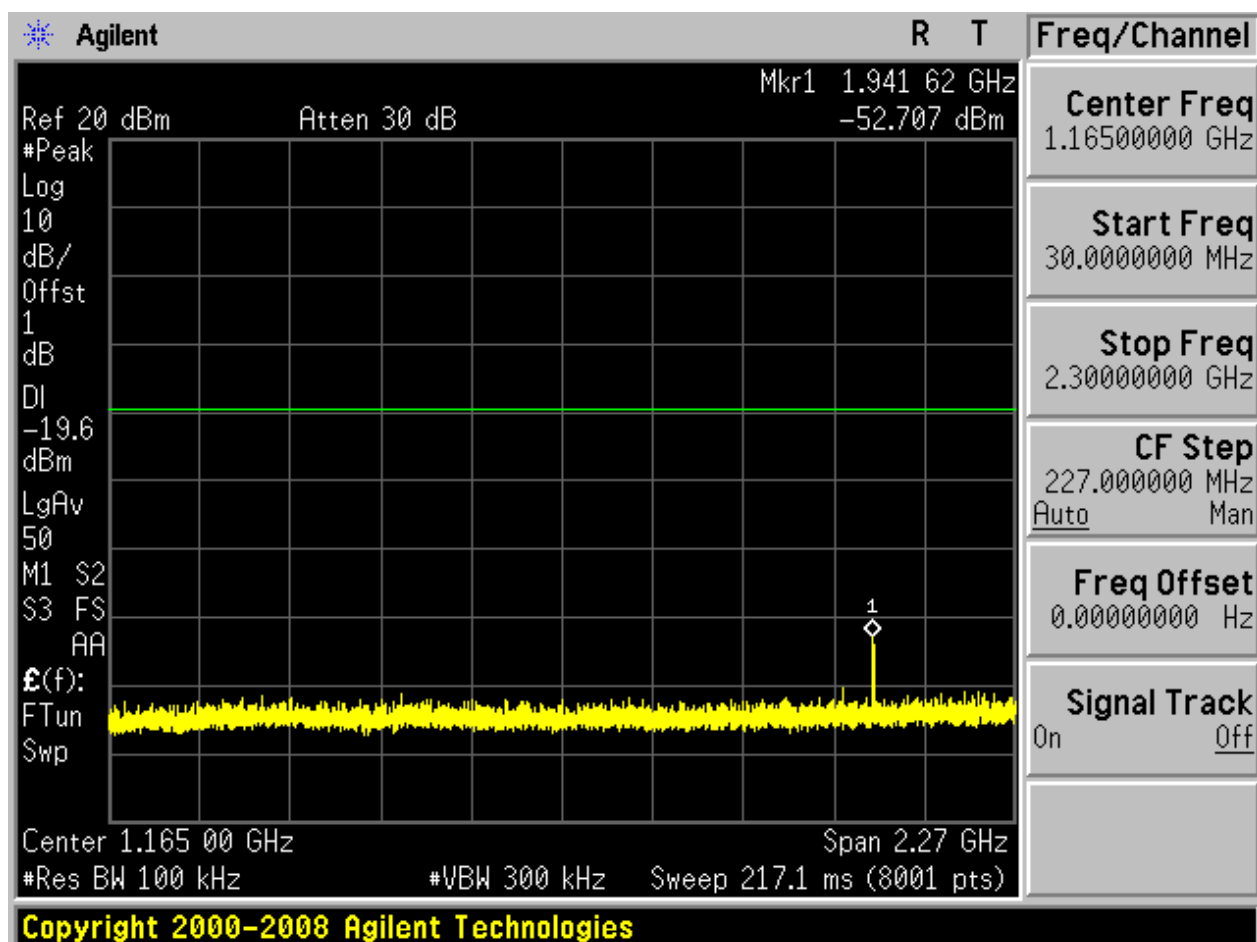
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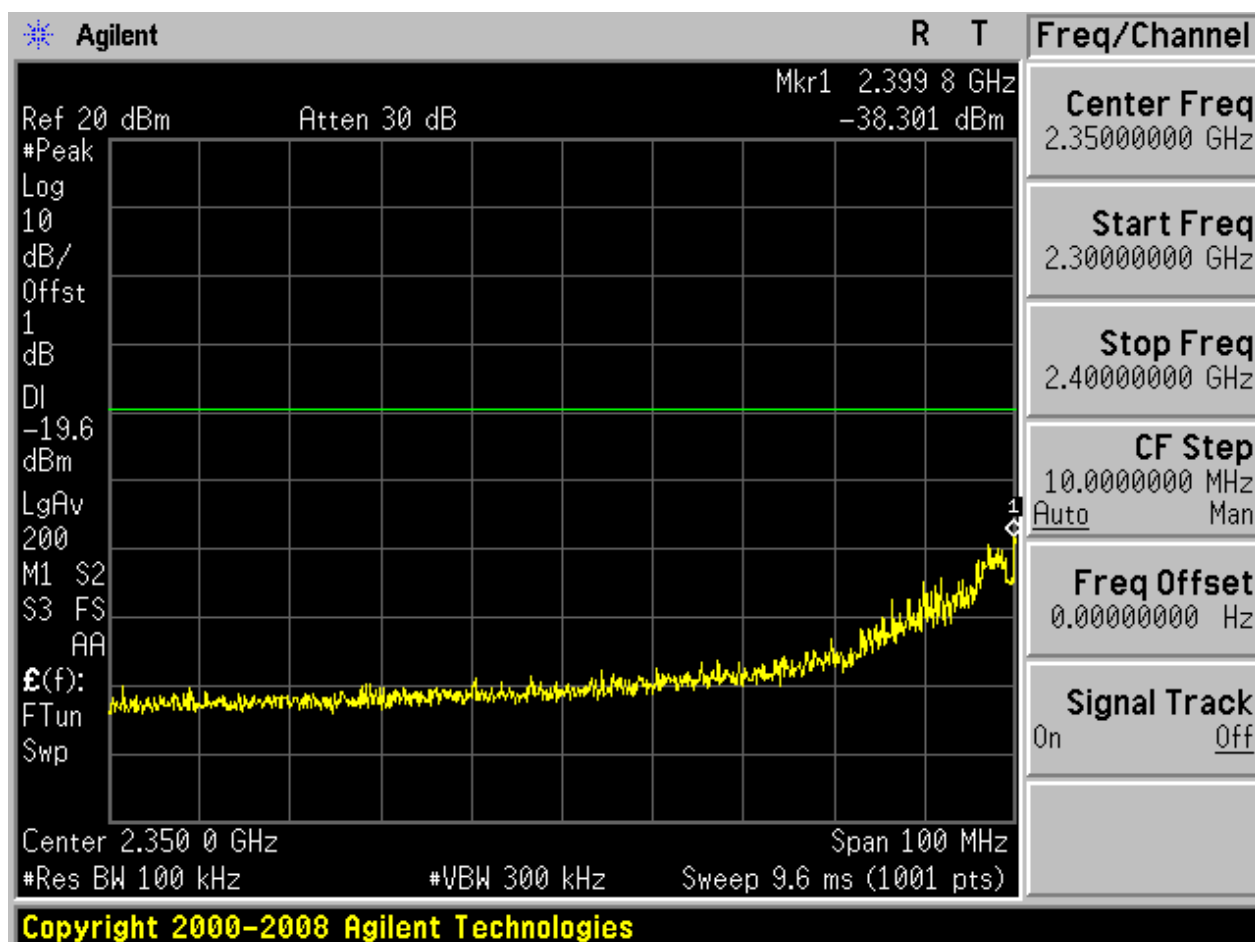


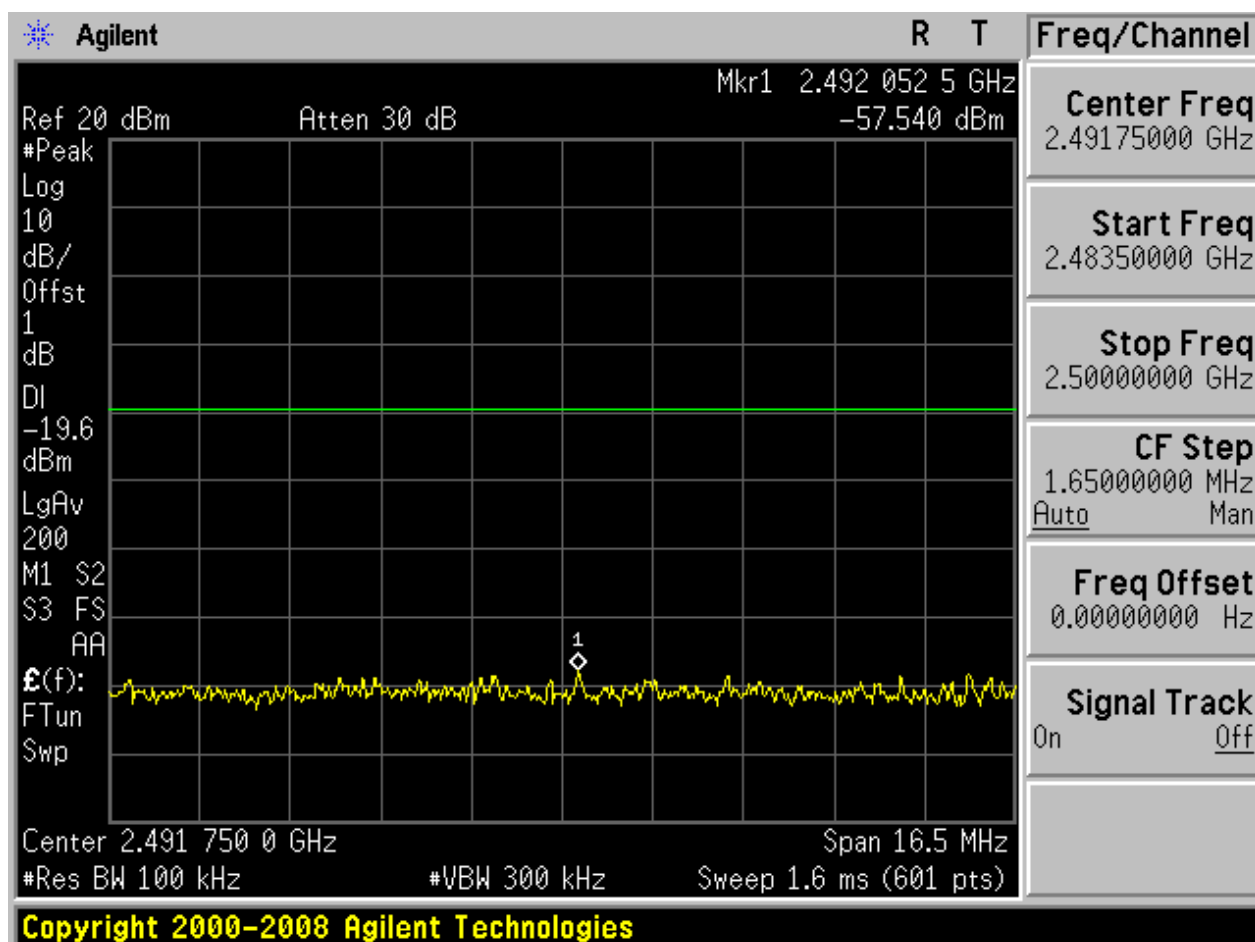
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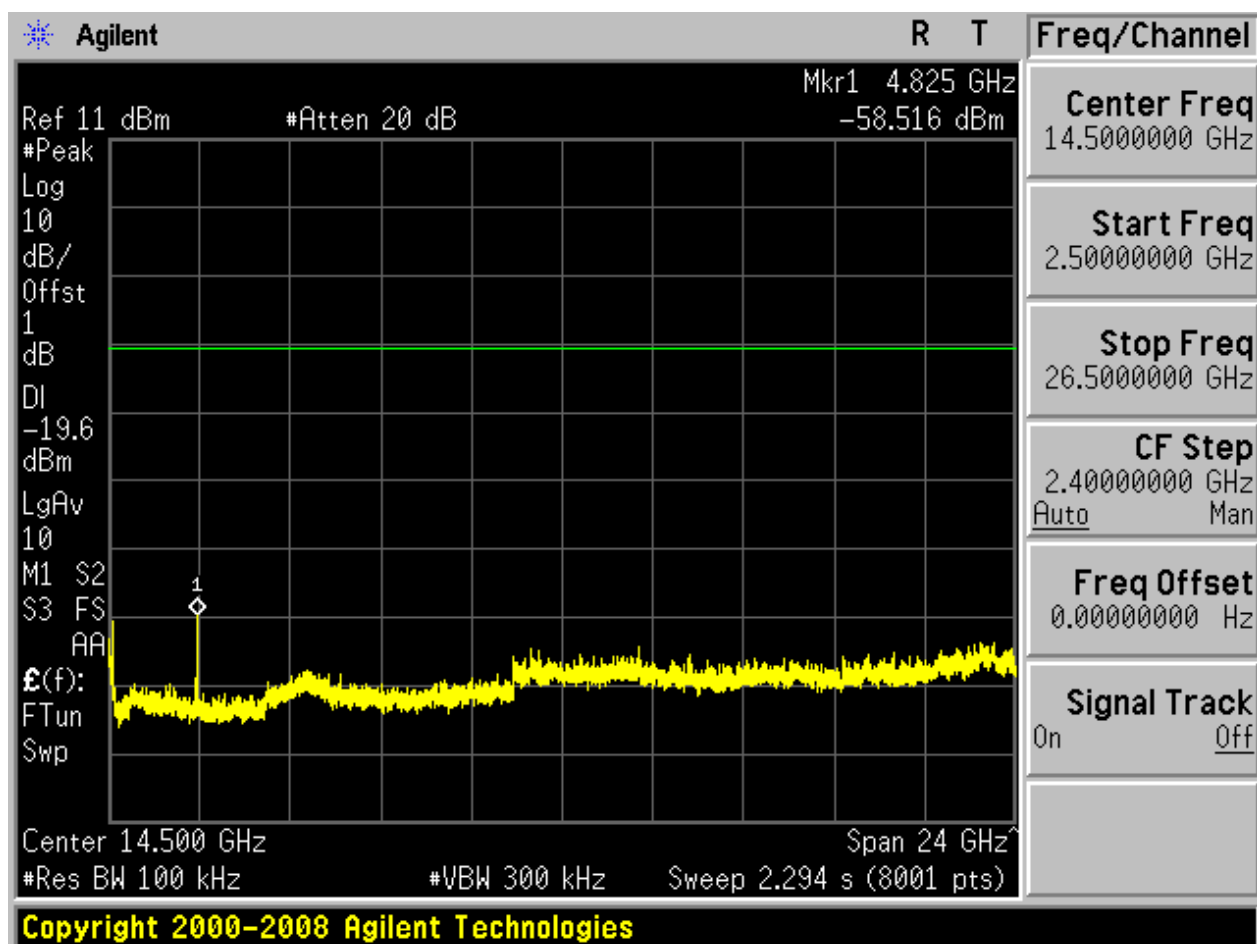






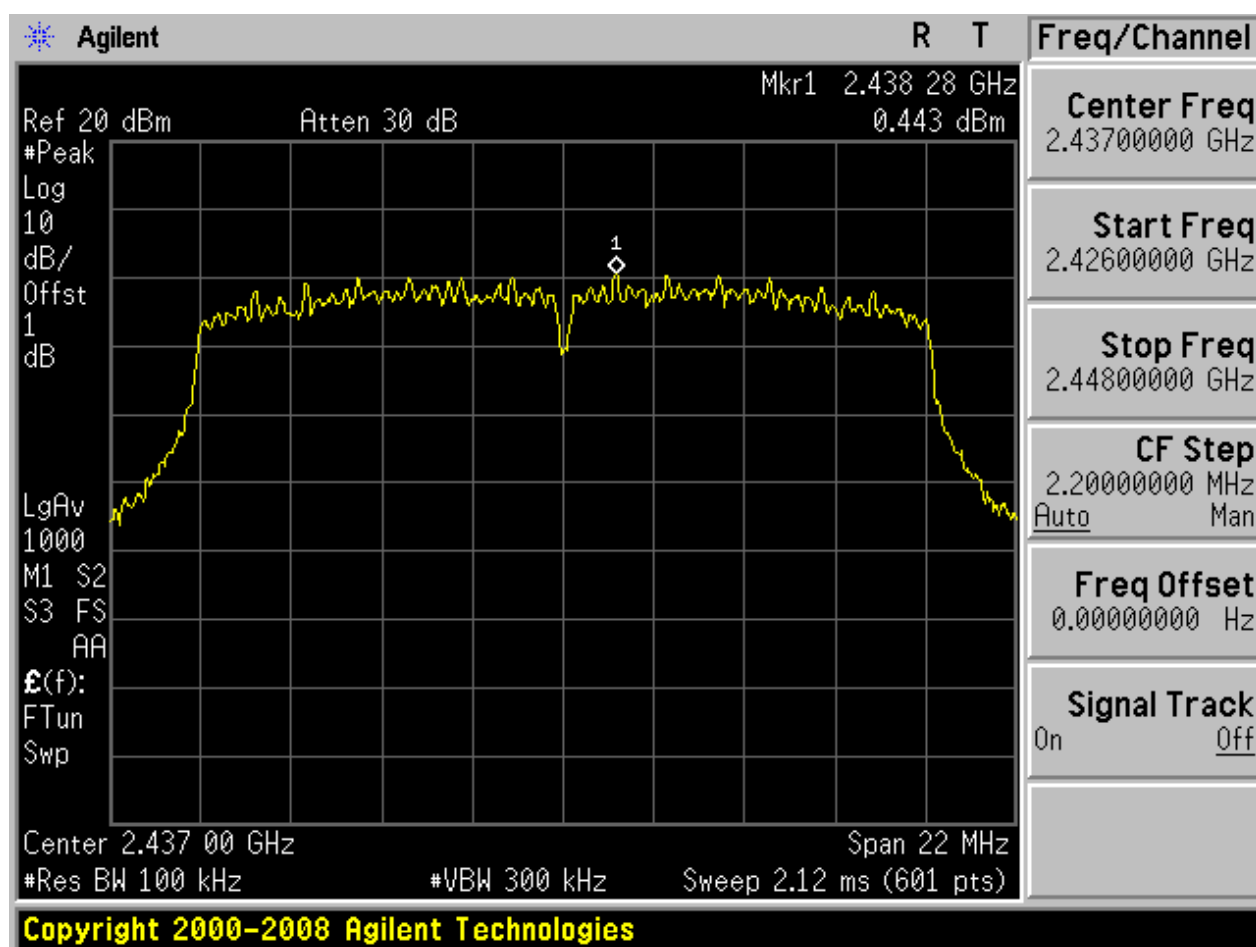






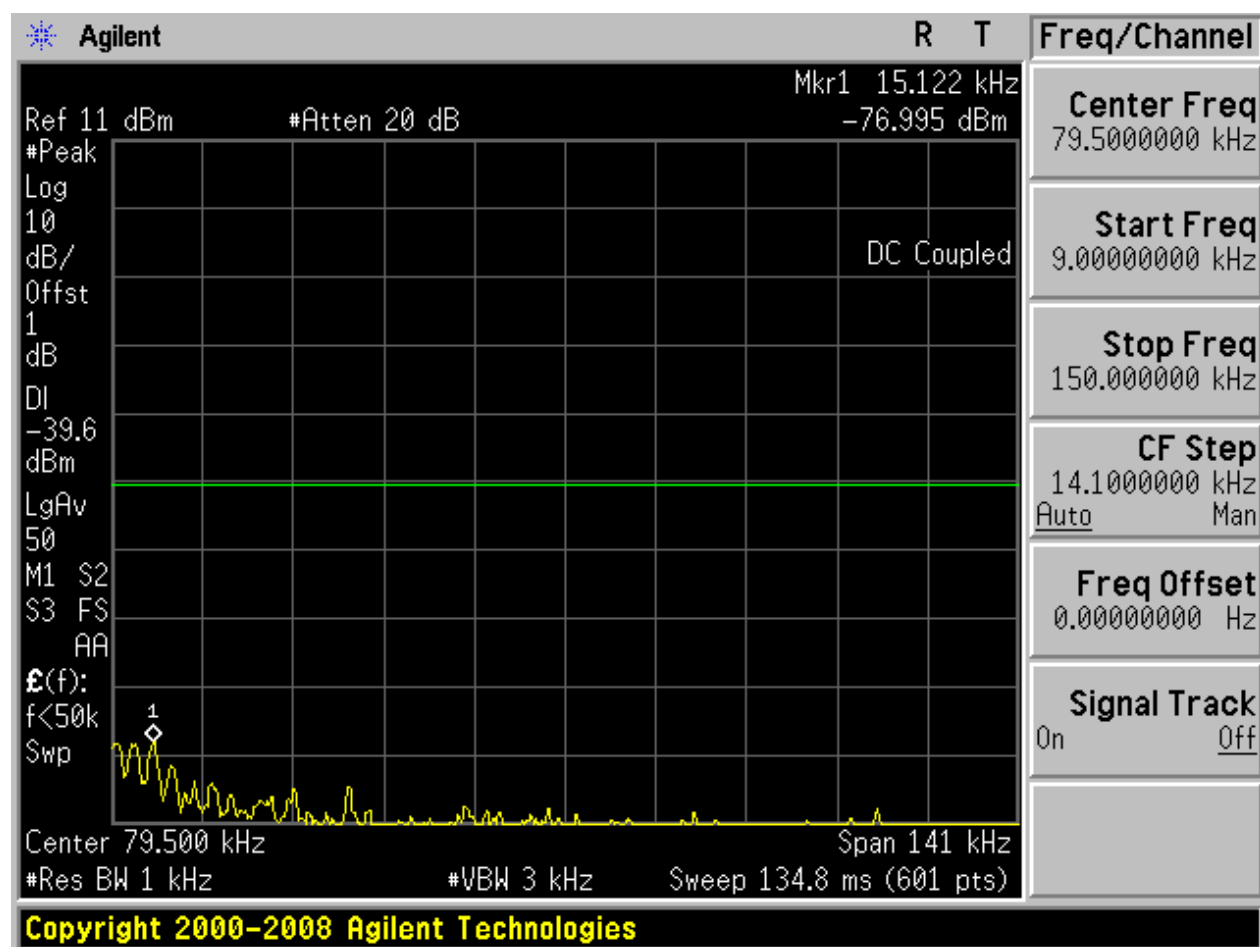
2.15 11N20_M@Ant 1

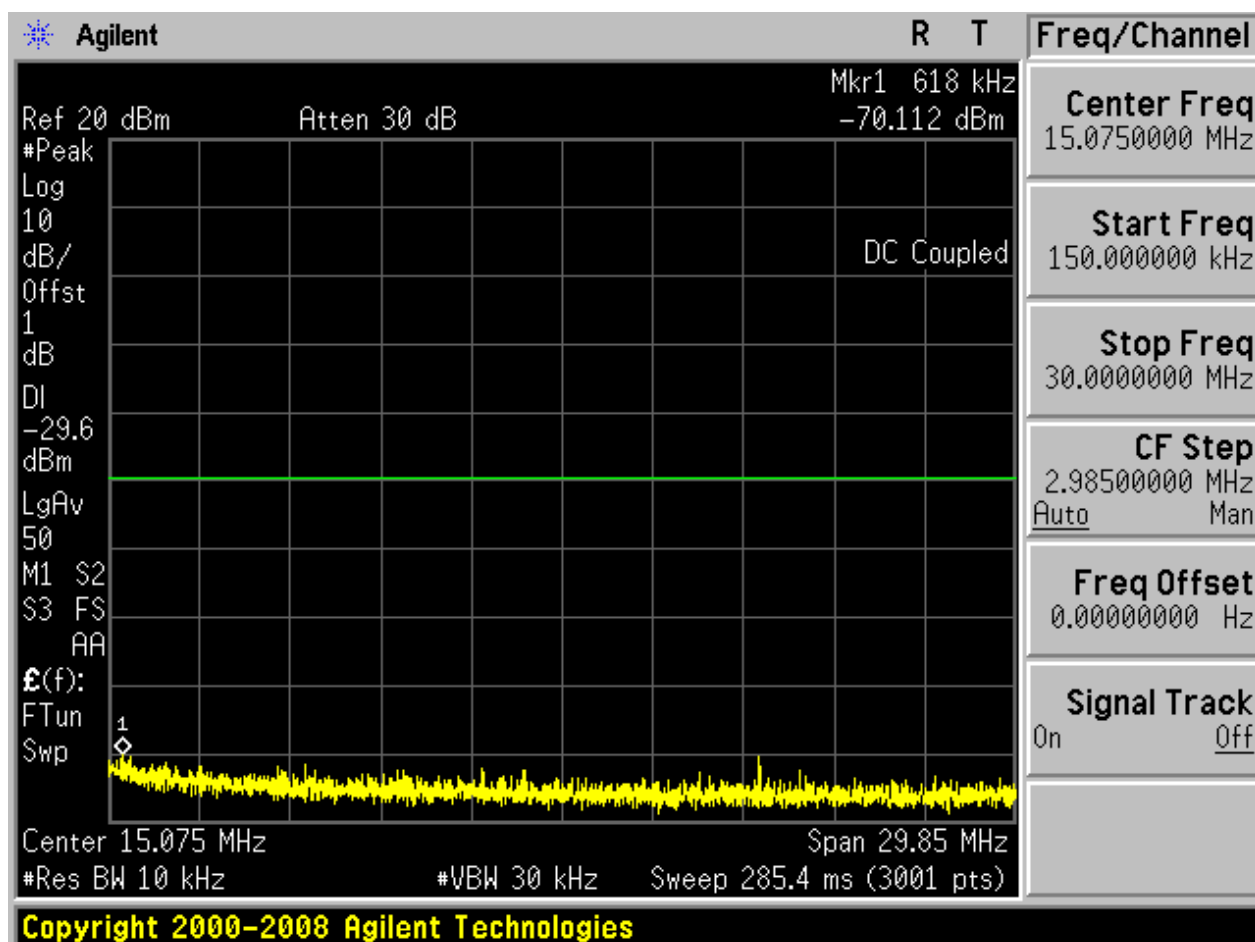
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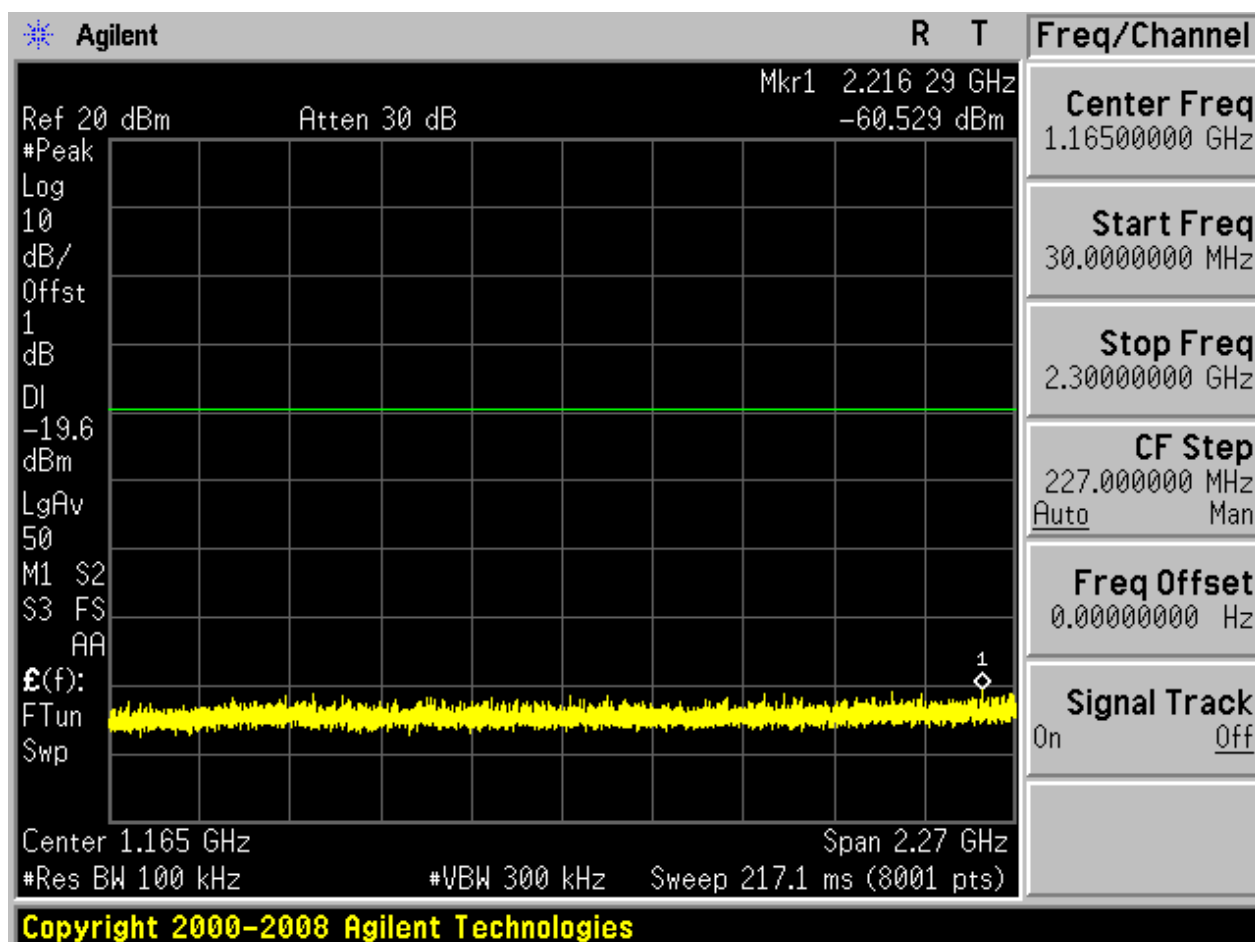


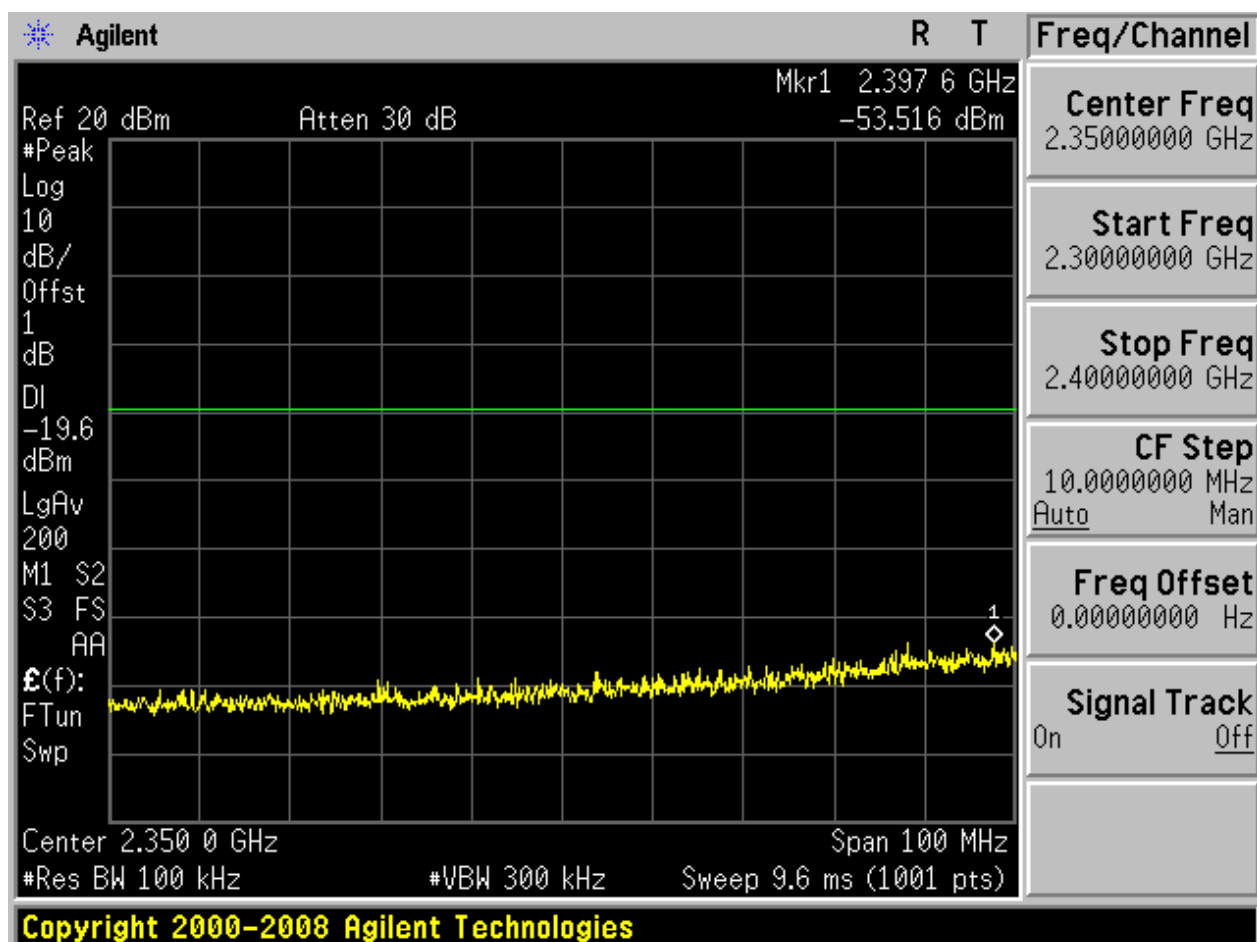


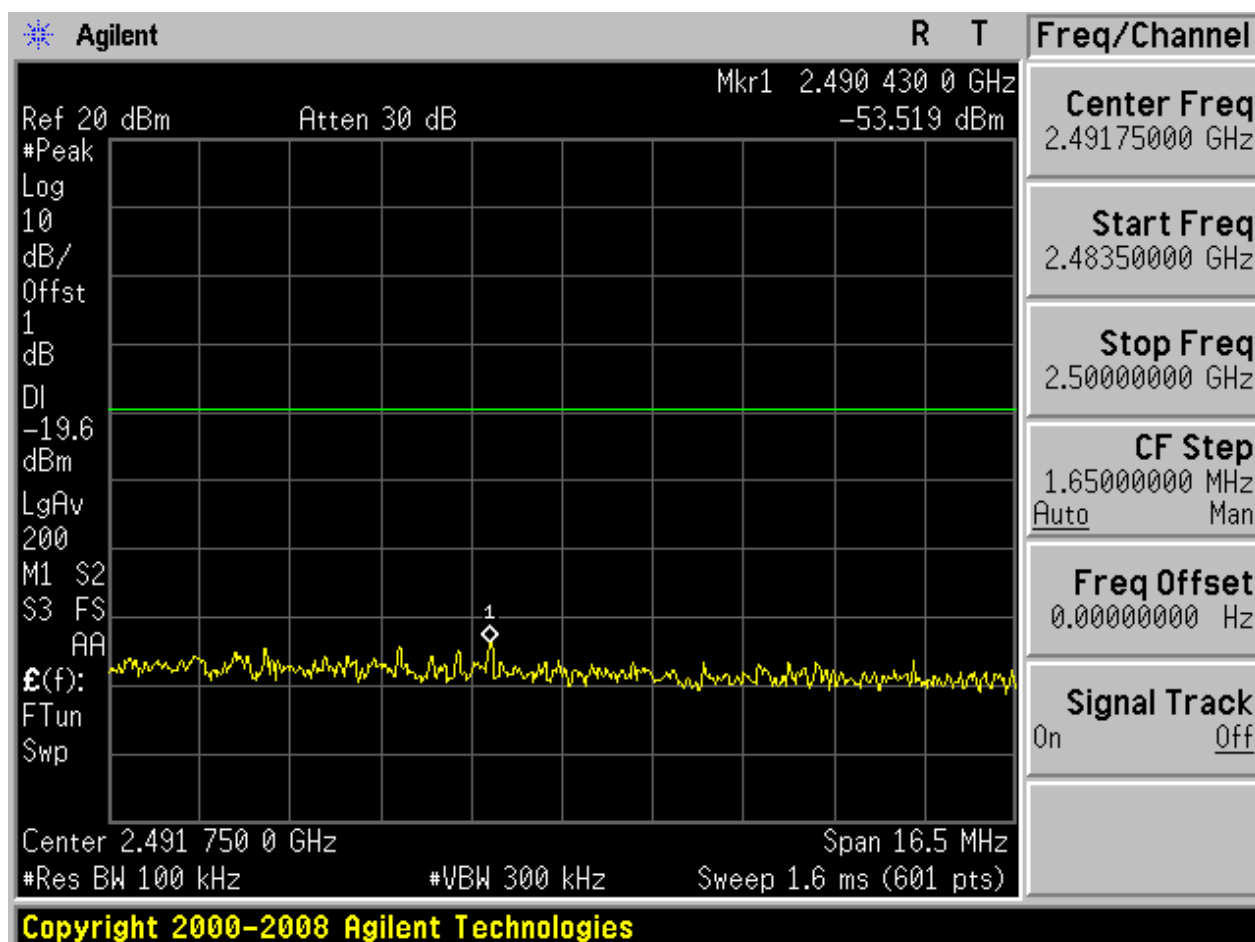
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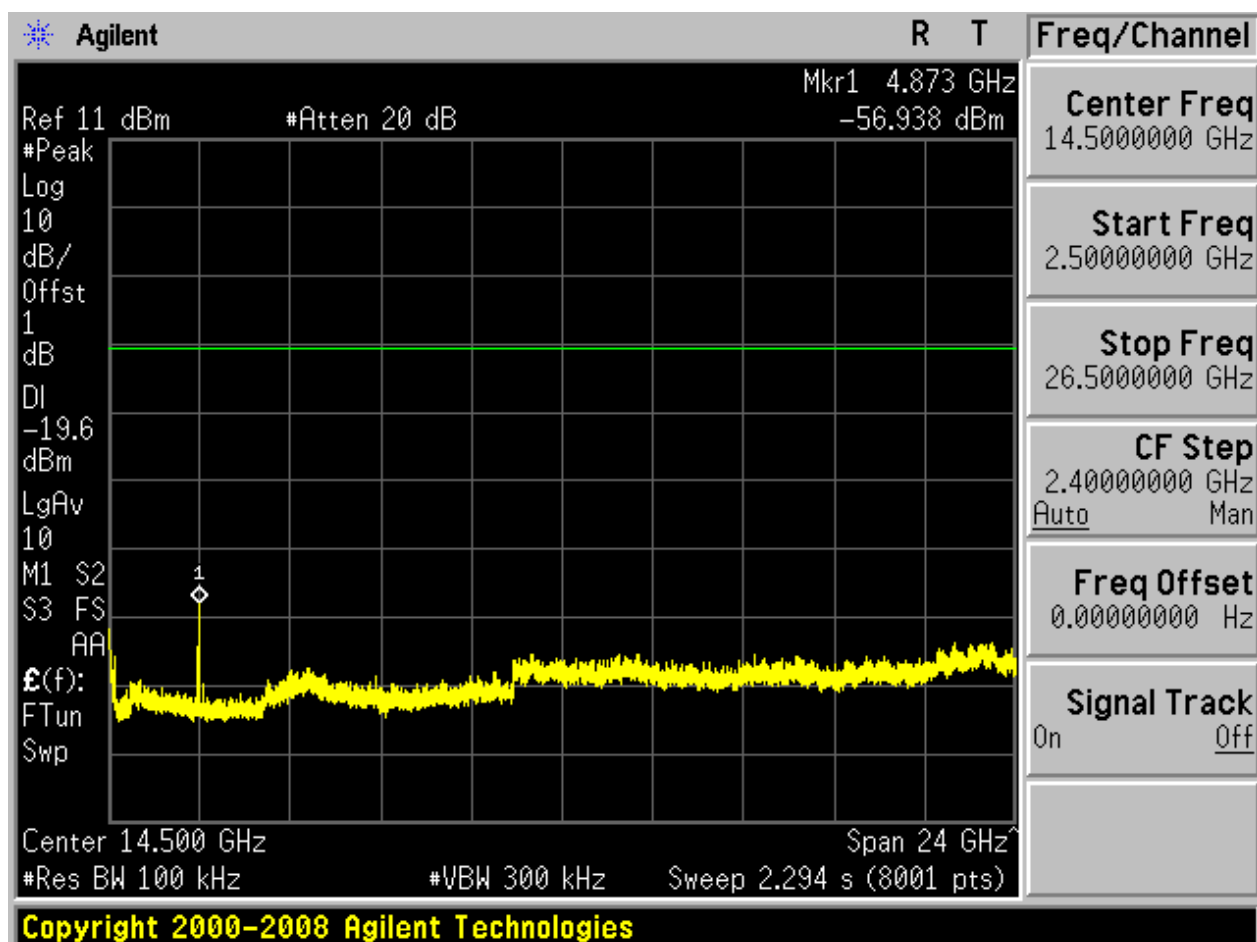






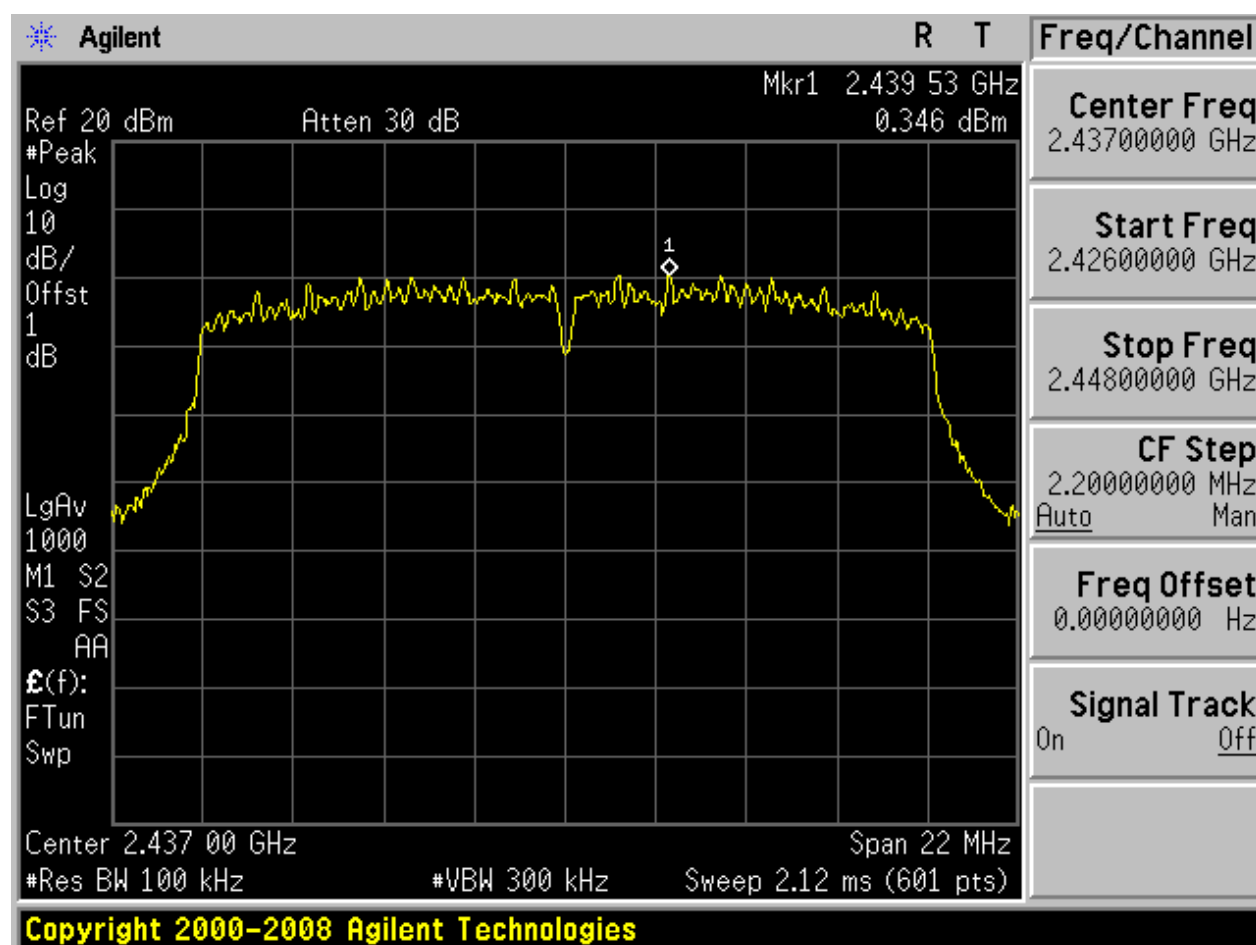






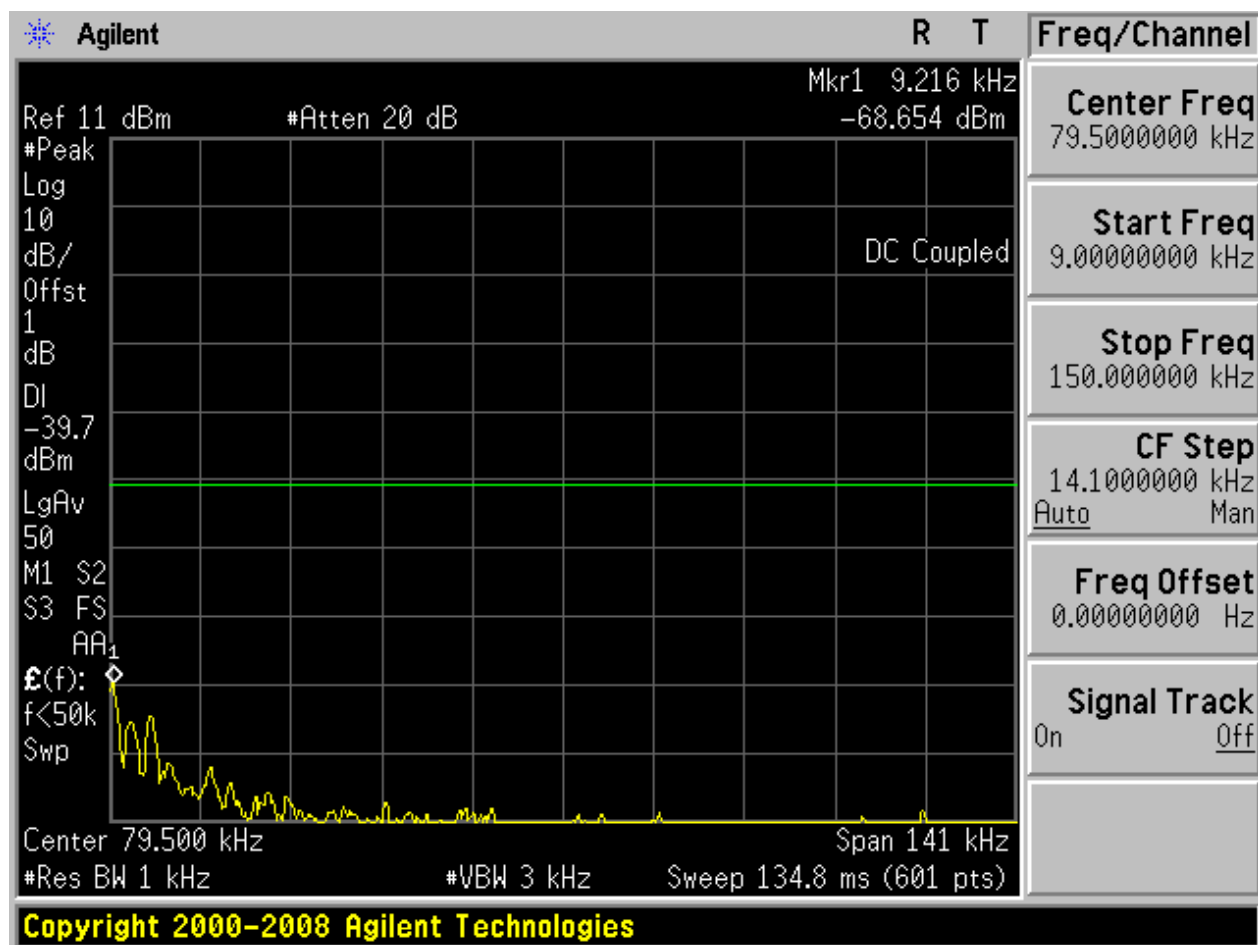
2.16 11N20_M@Ant 2

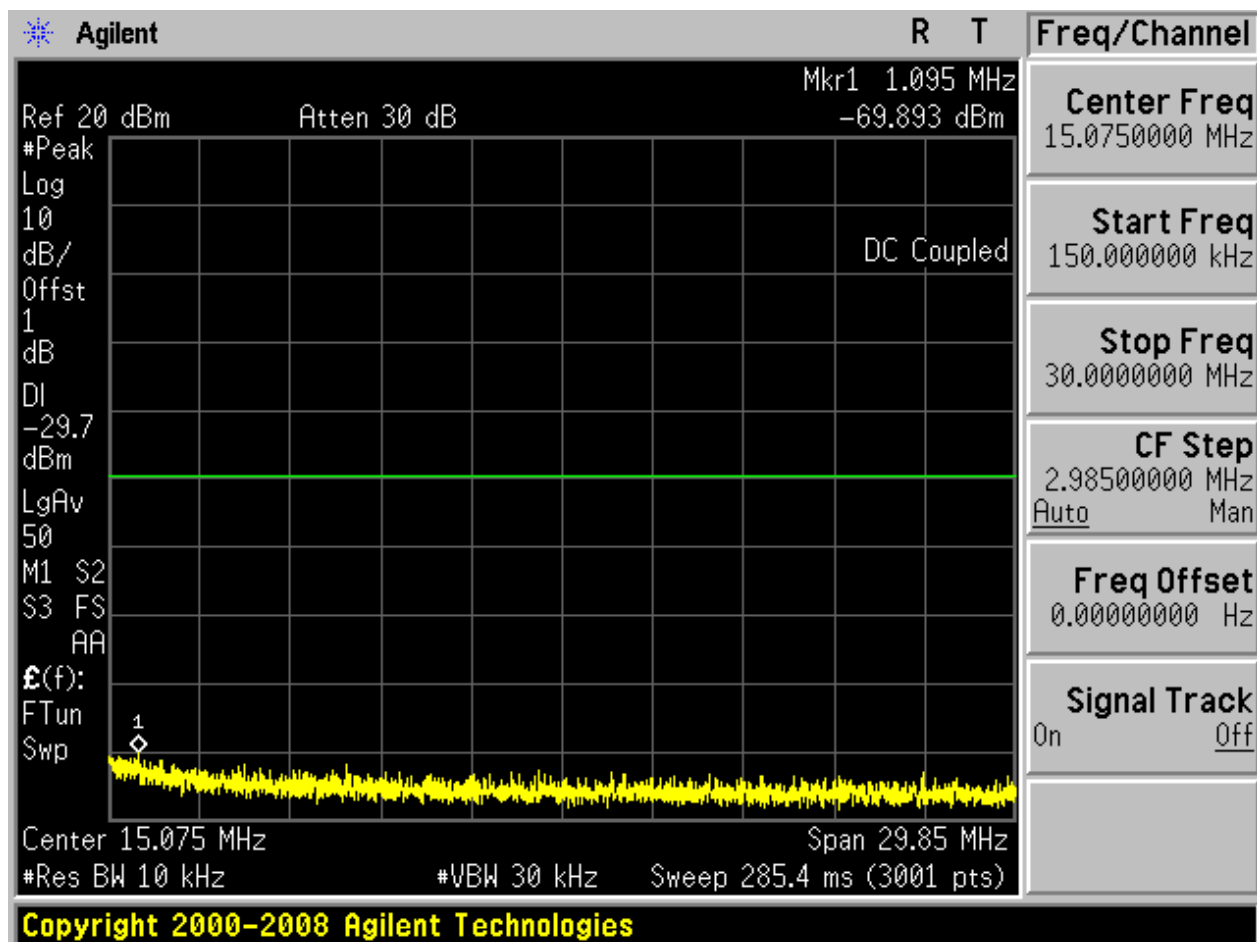
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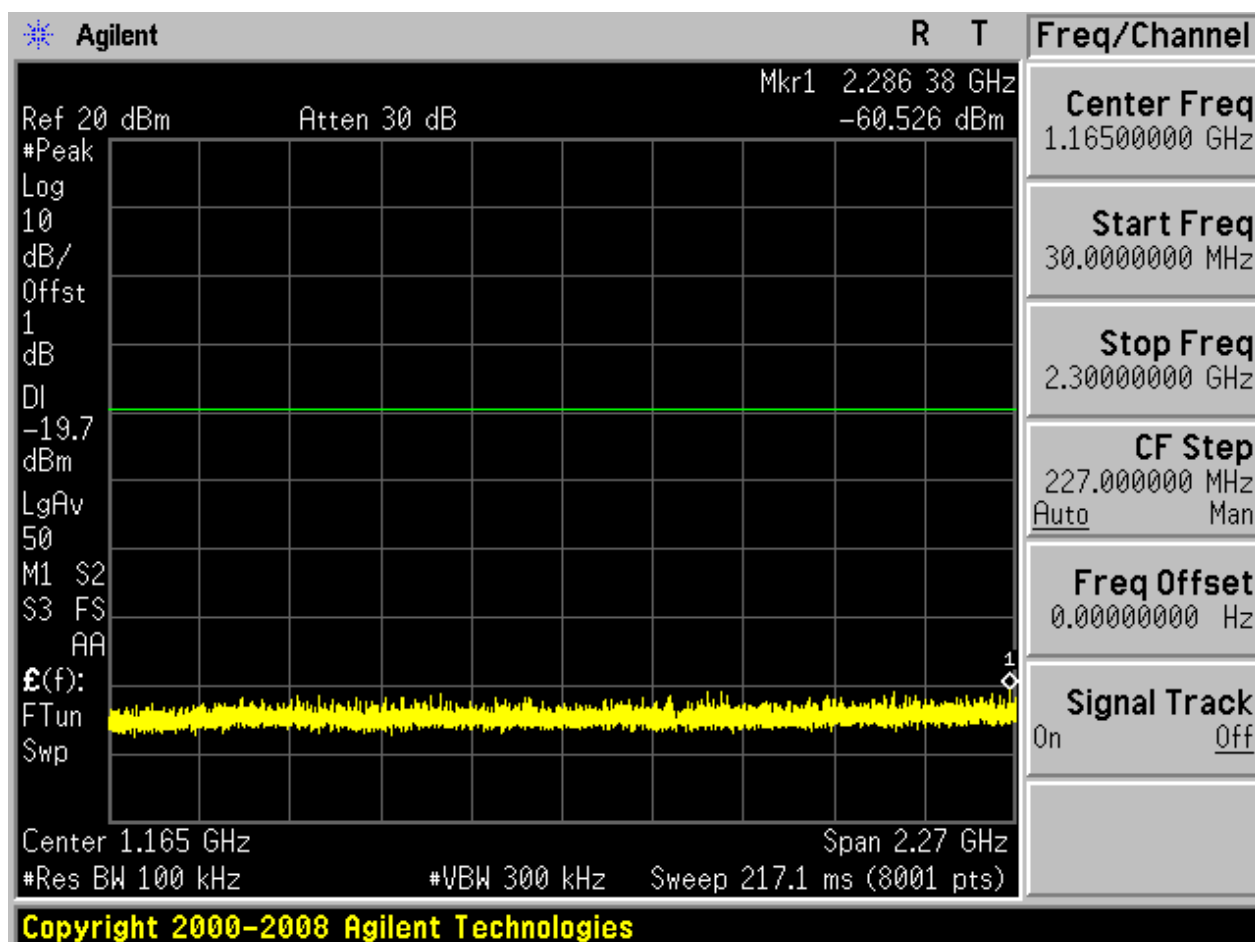


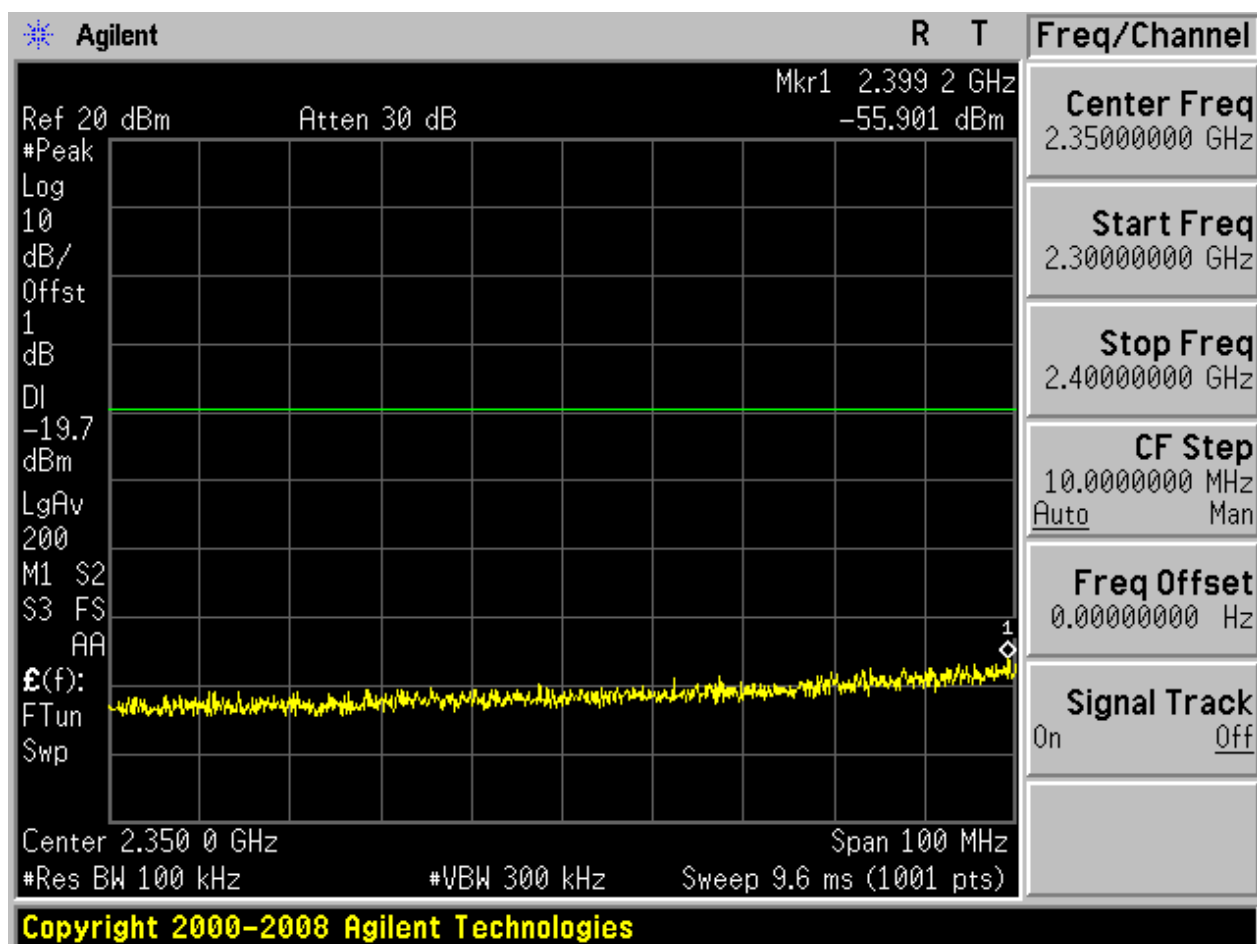


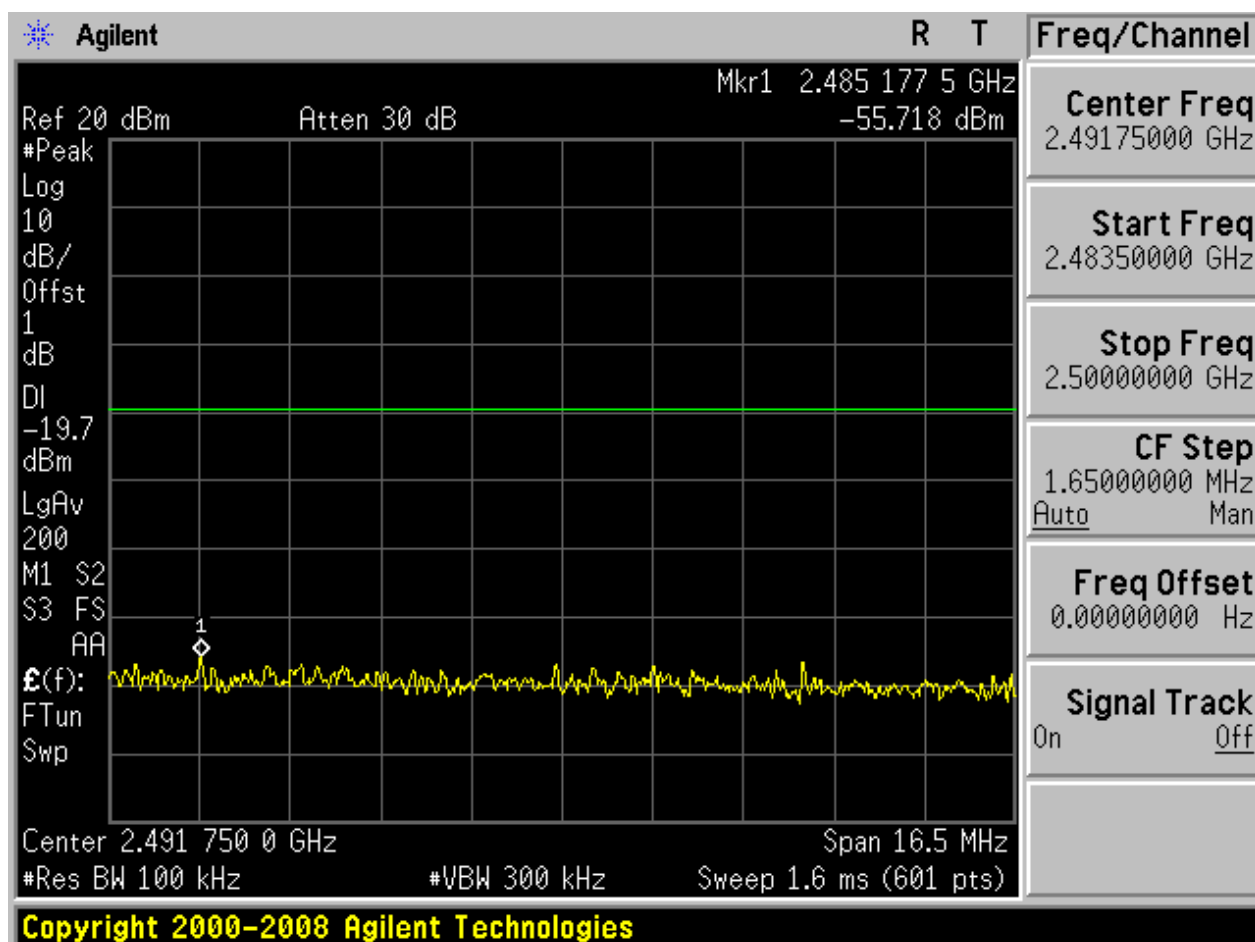
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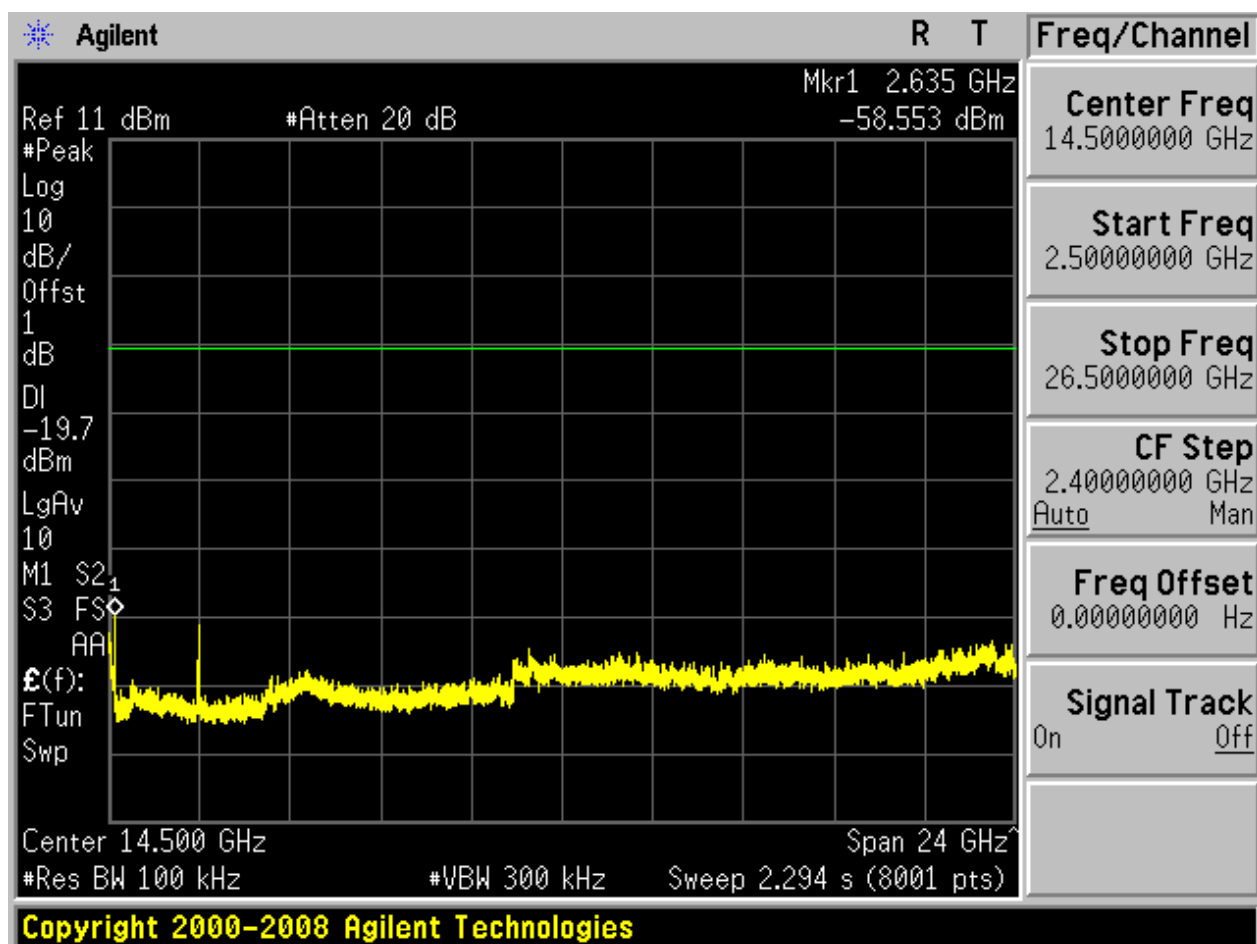






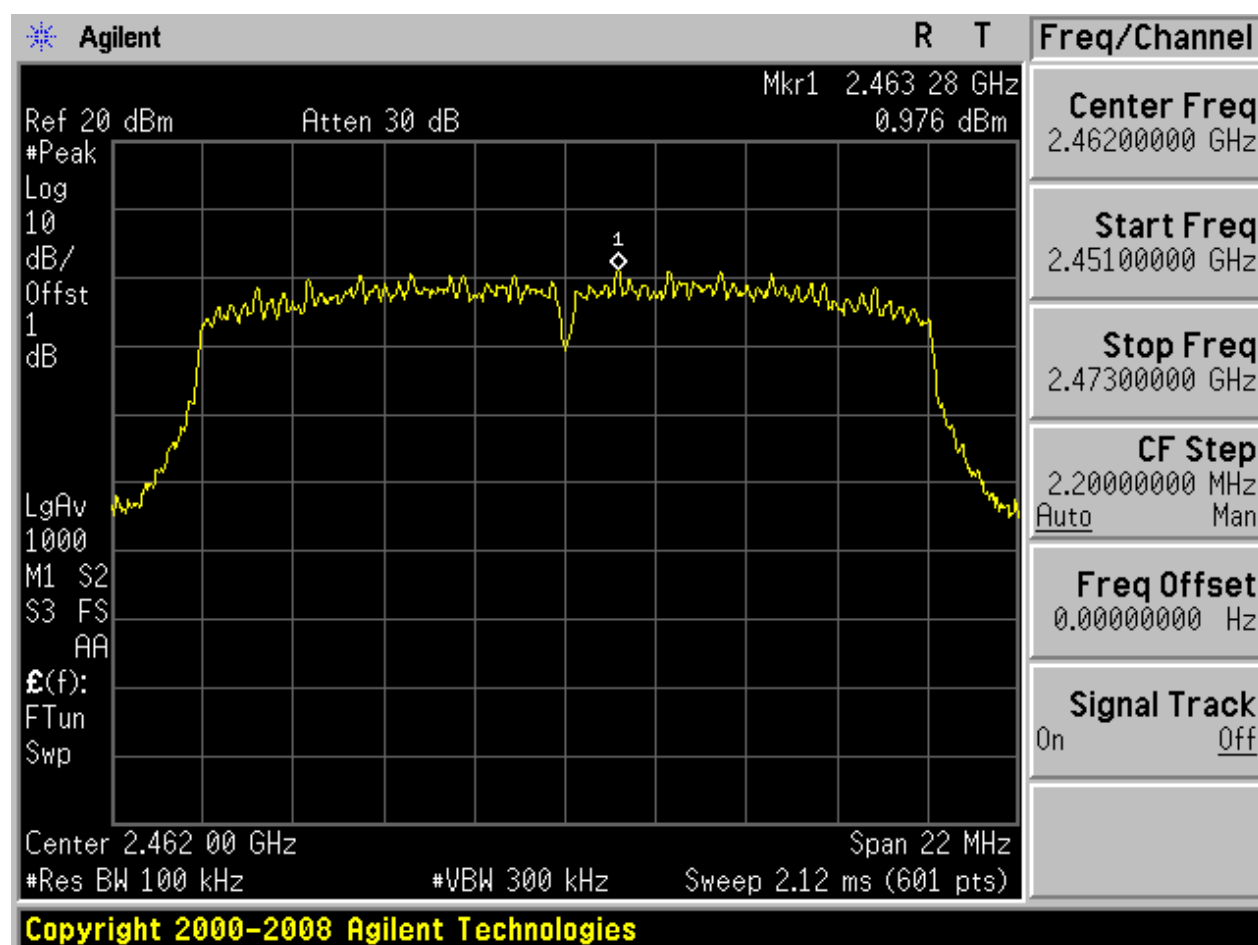






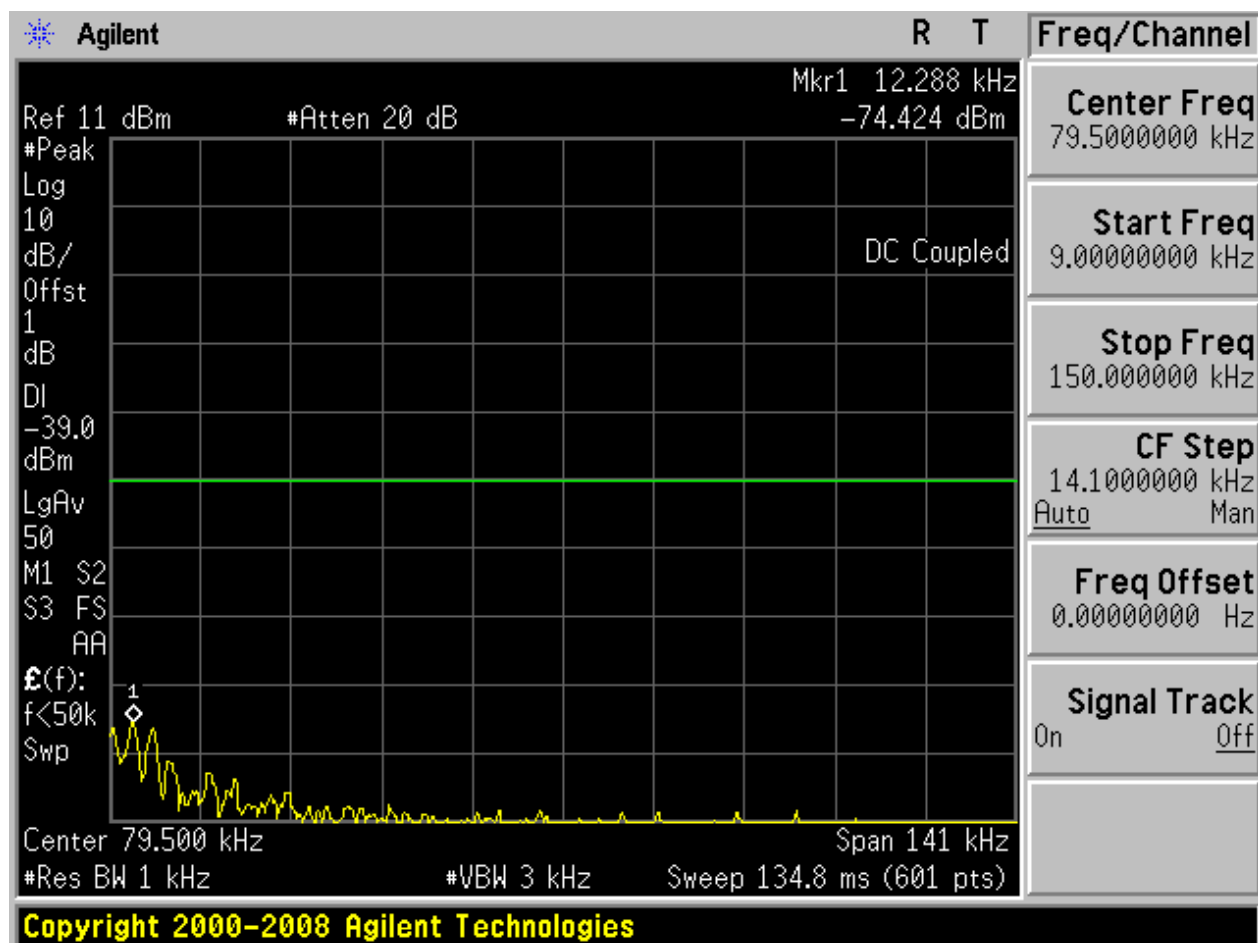
2.17 11N20_H@Ant 1

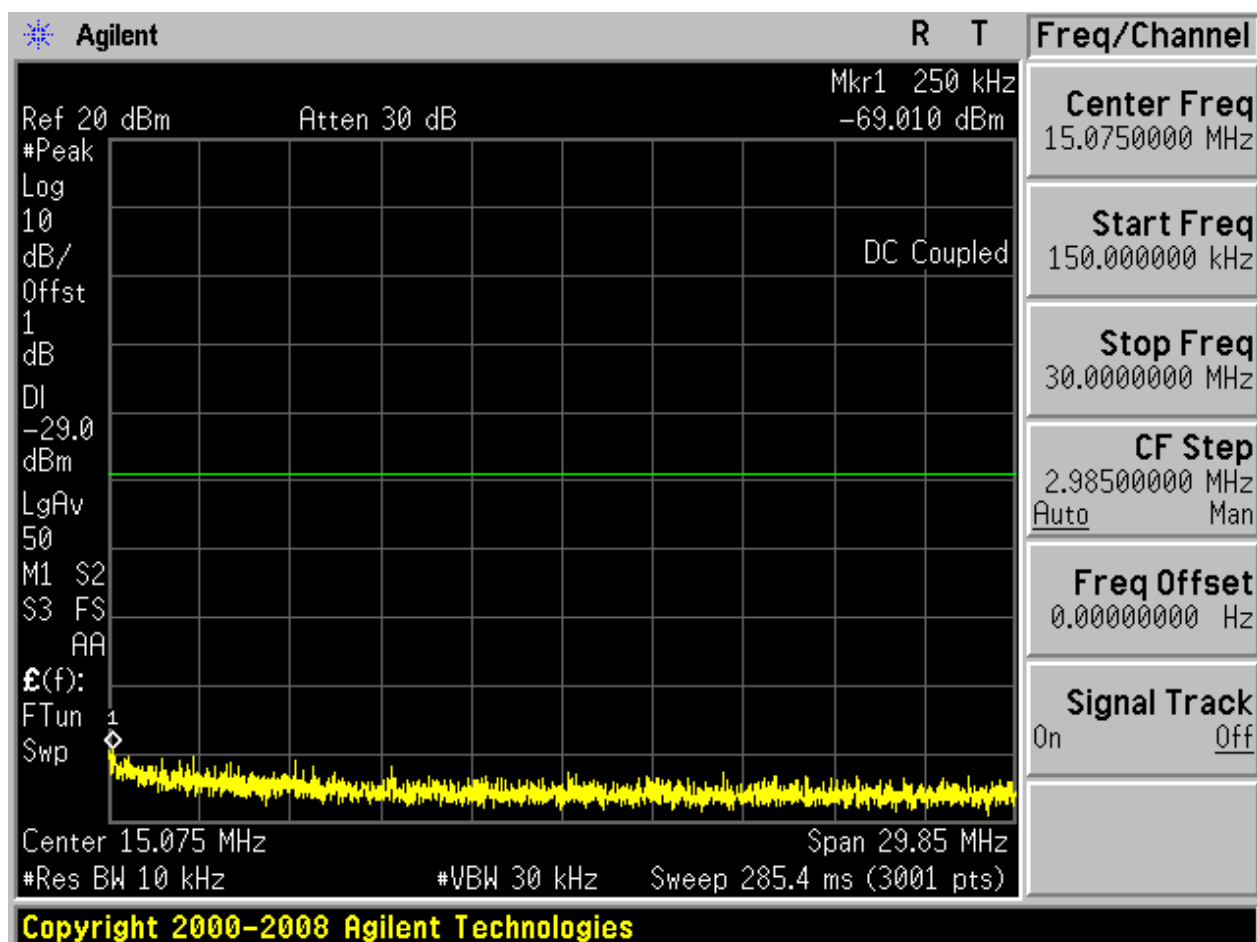
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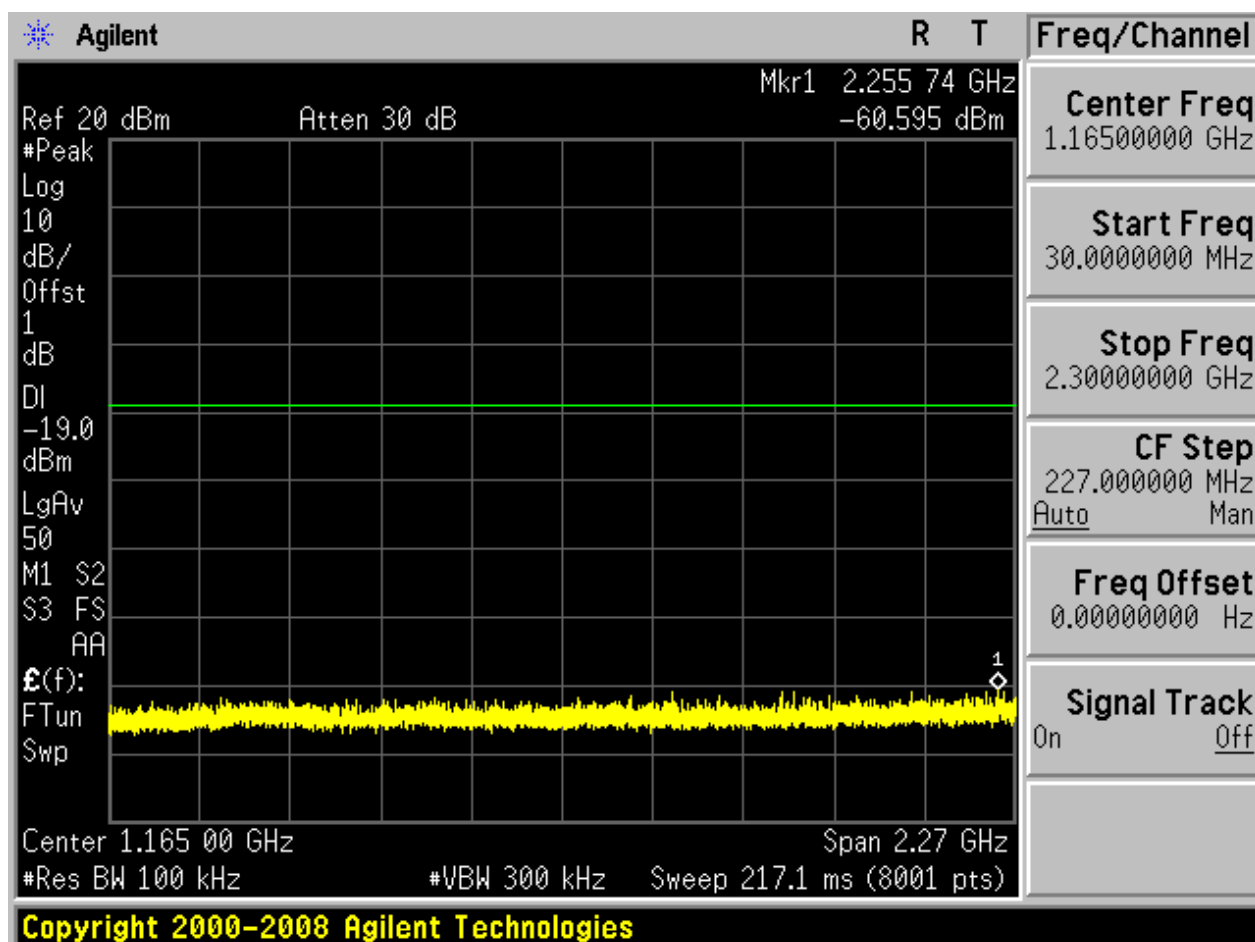


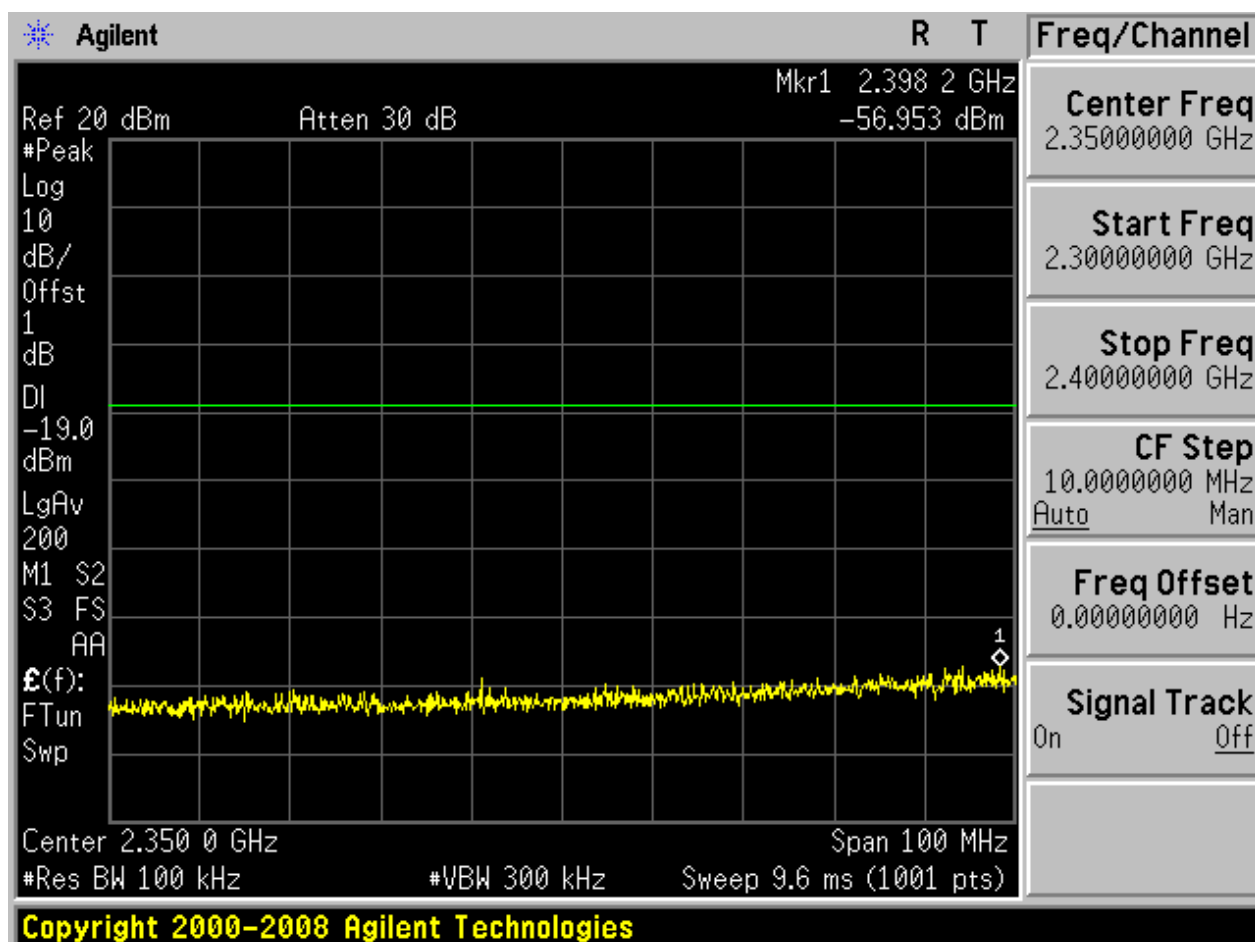


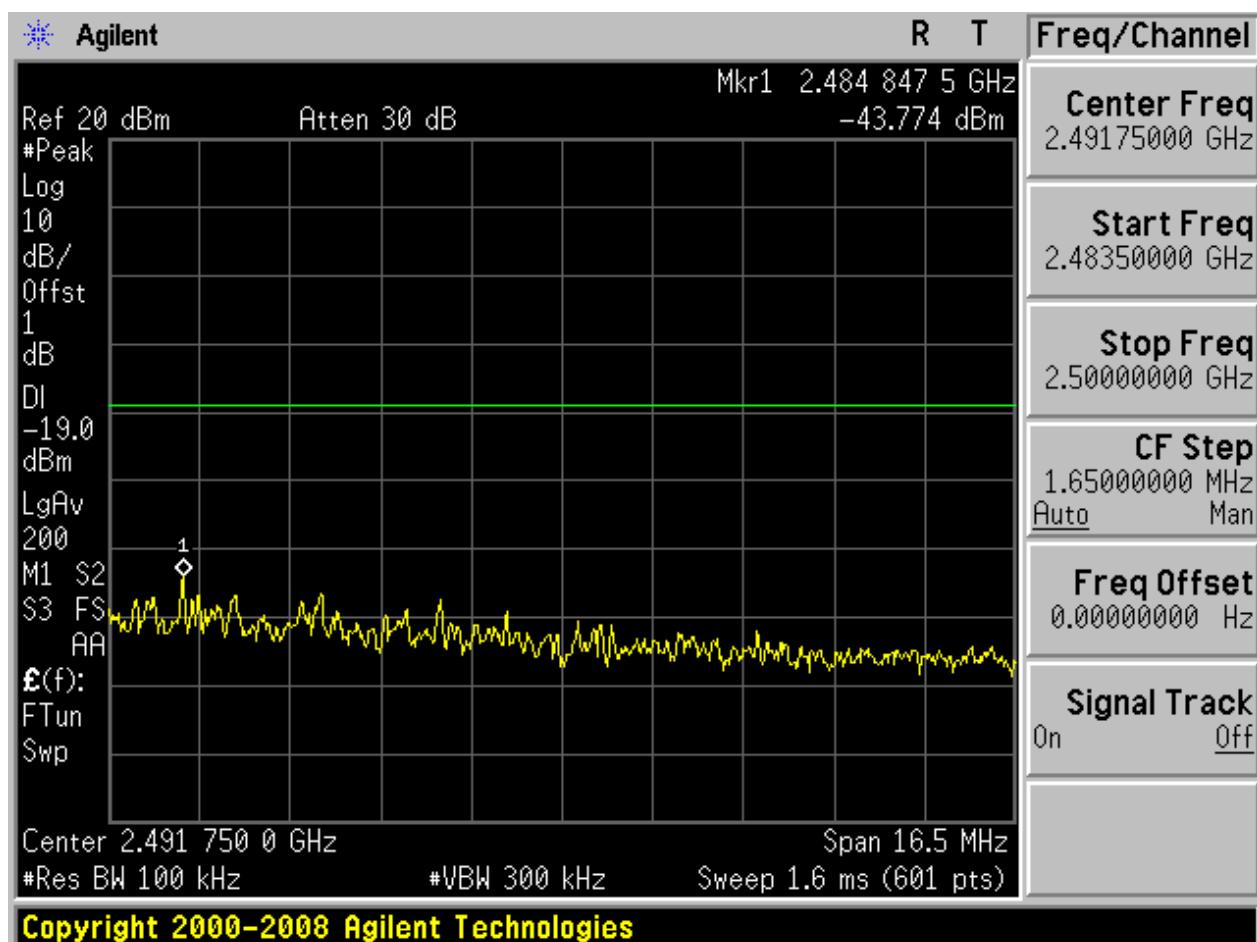
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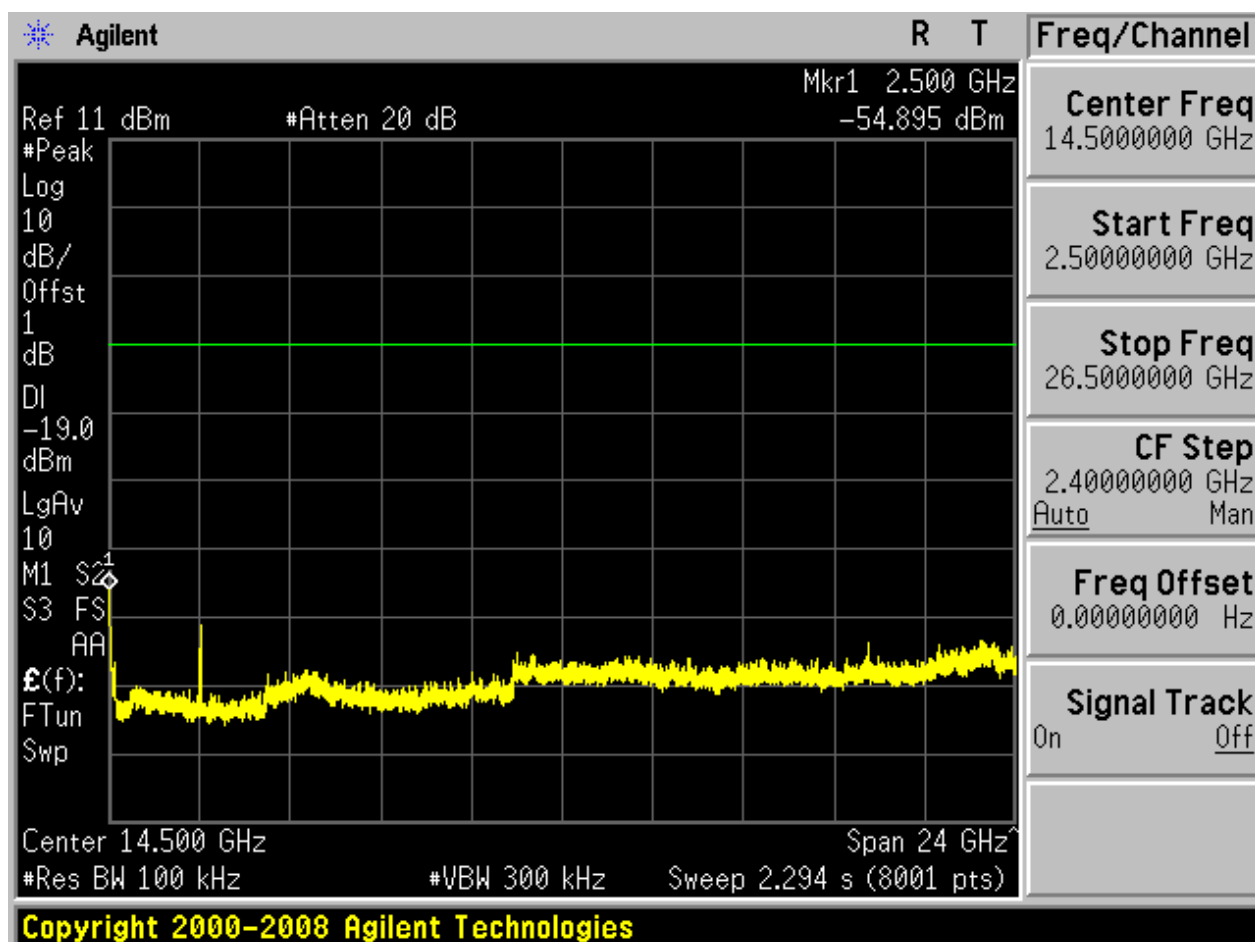








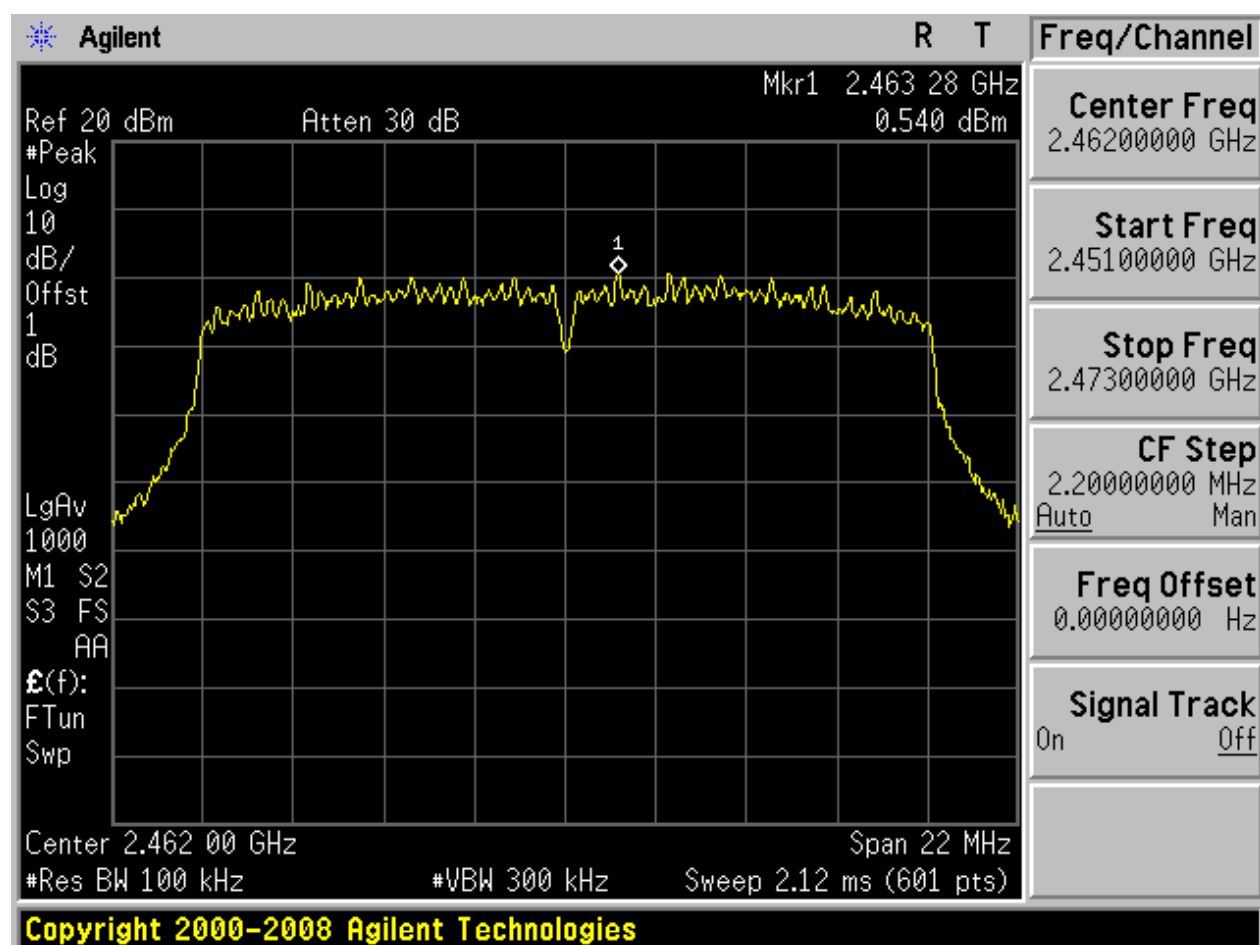




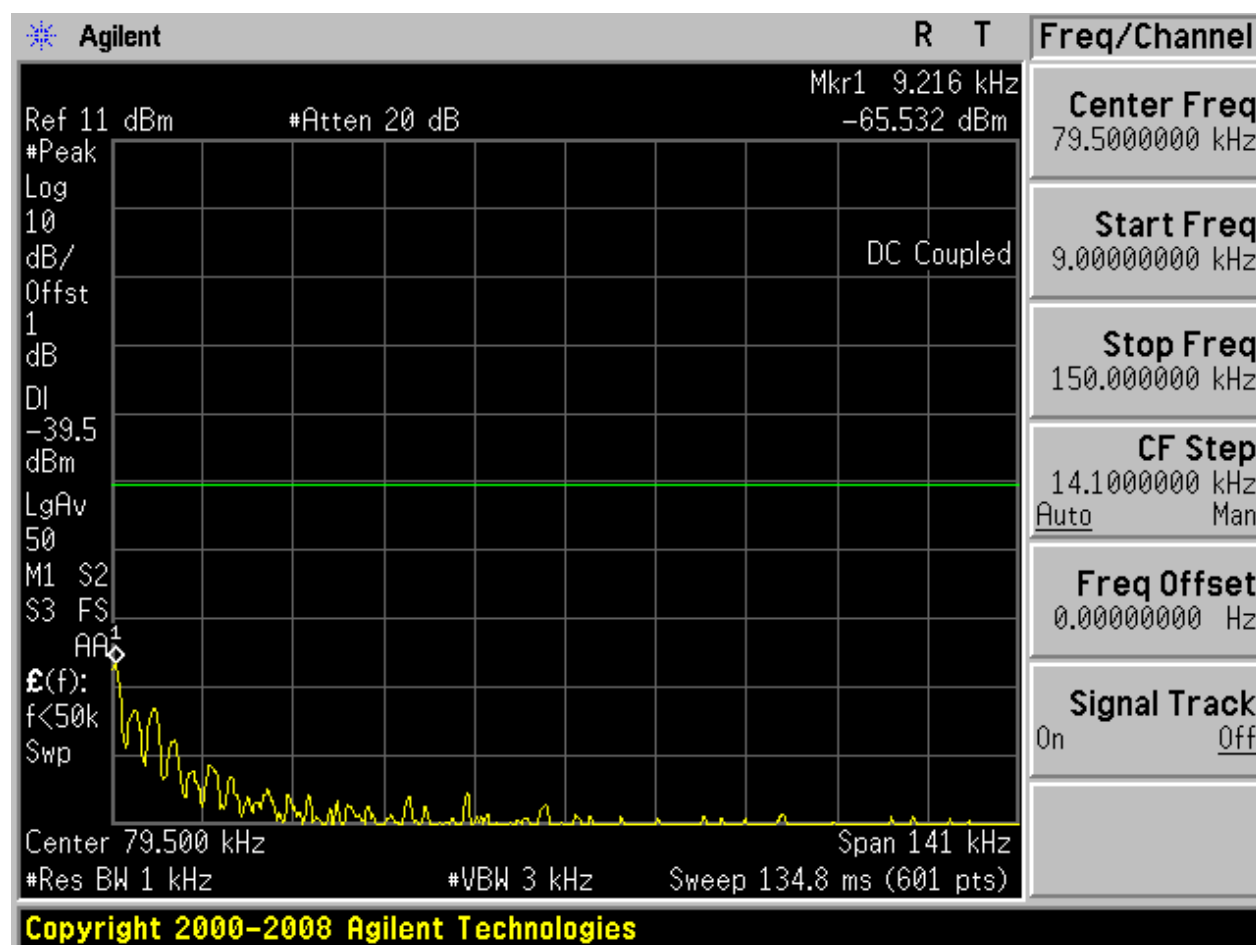


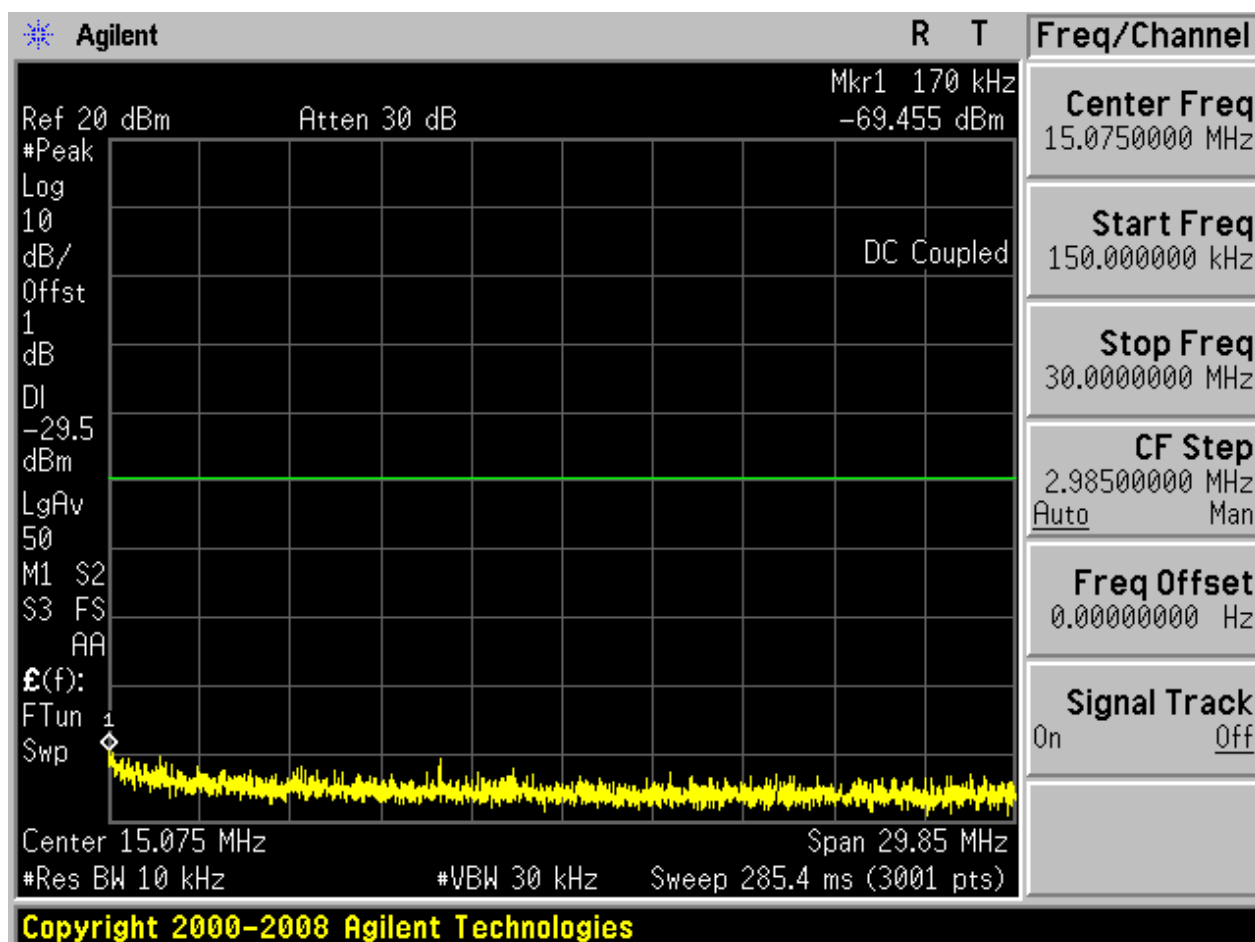
2.18 11N20_H@Ant 2

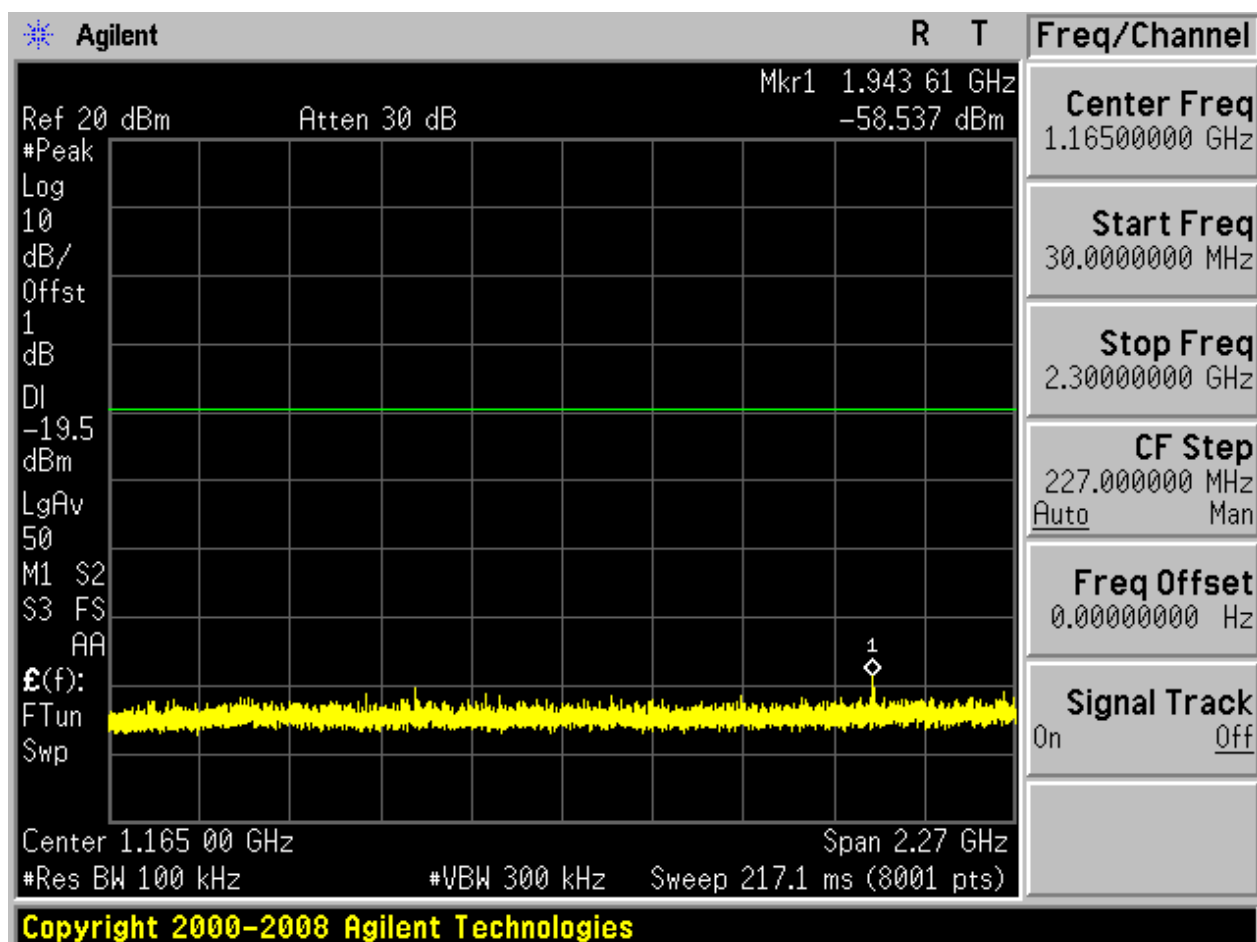
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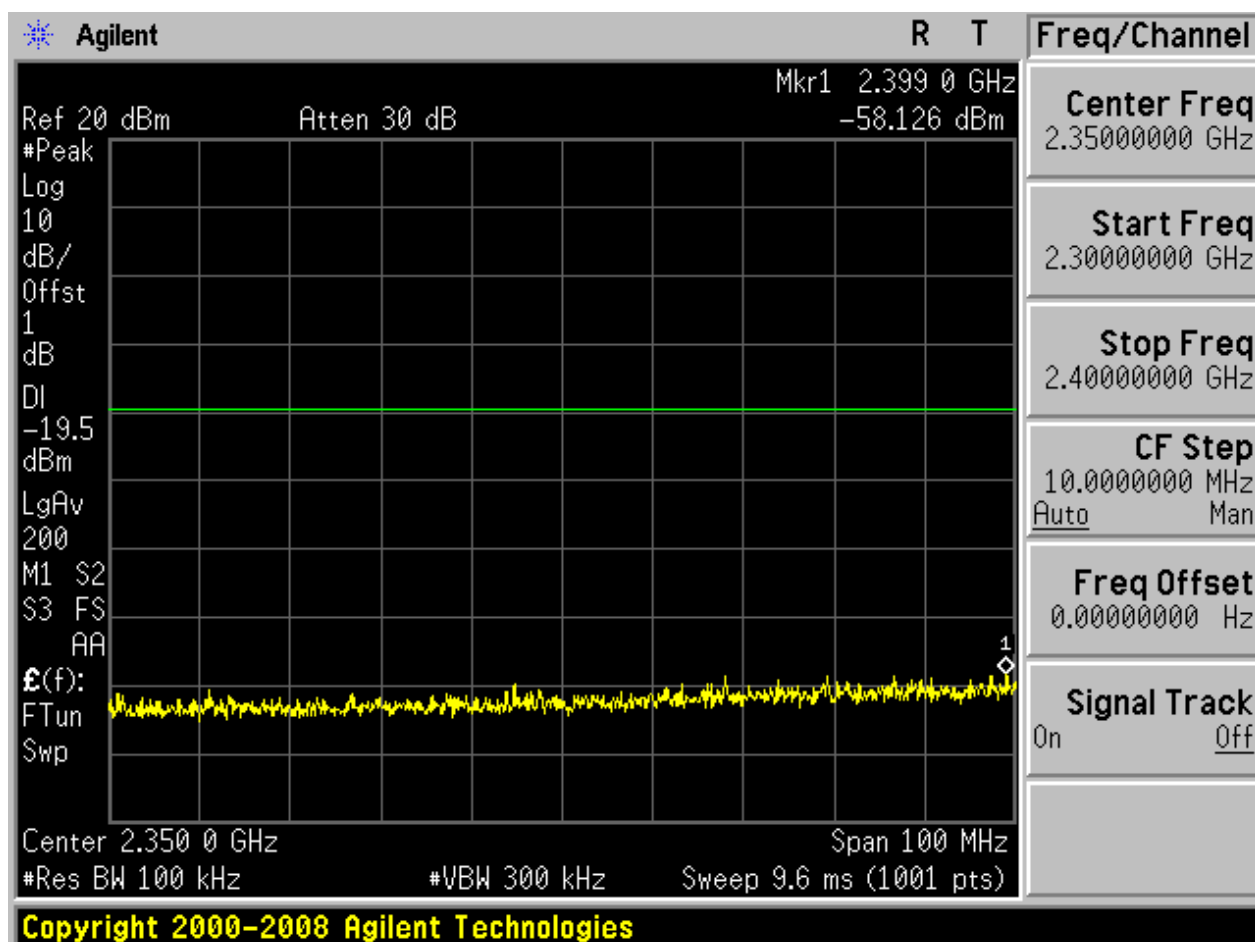


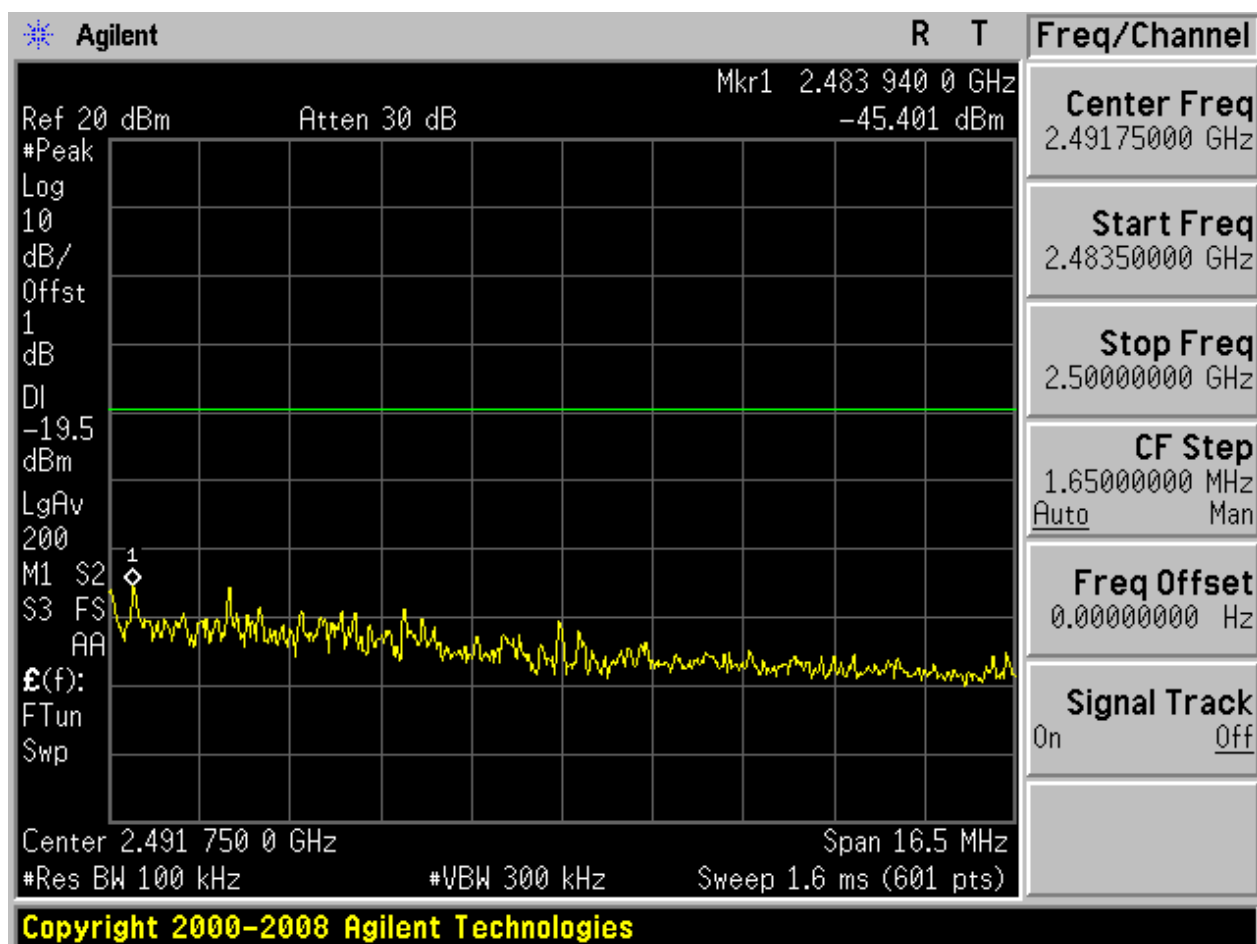
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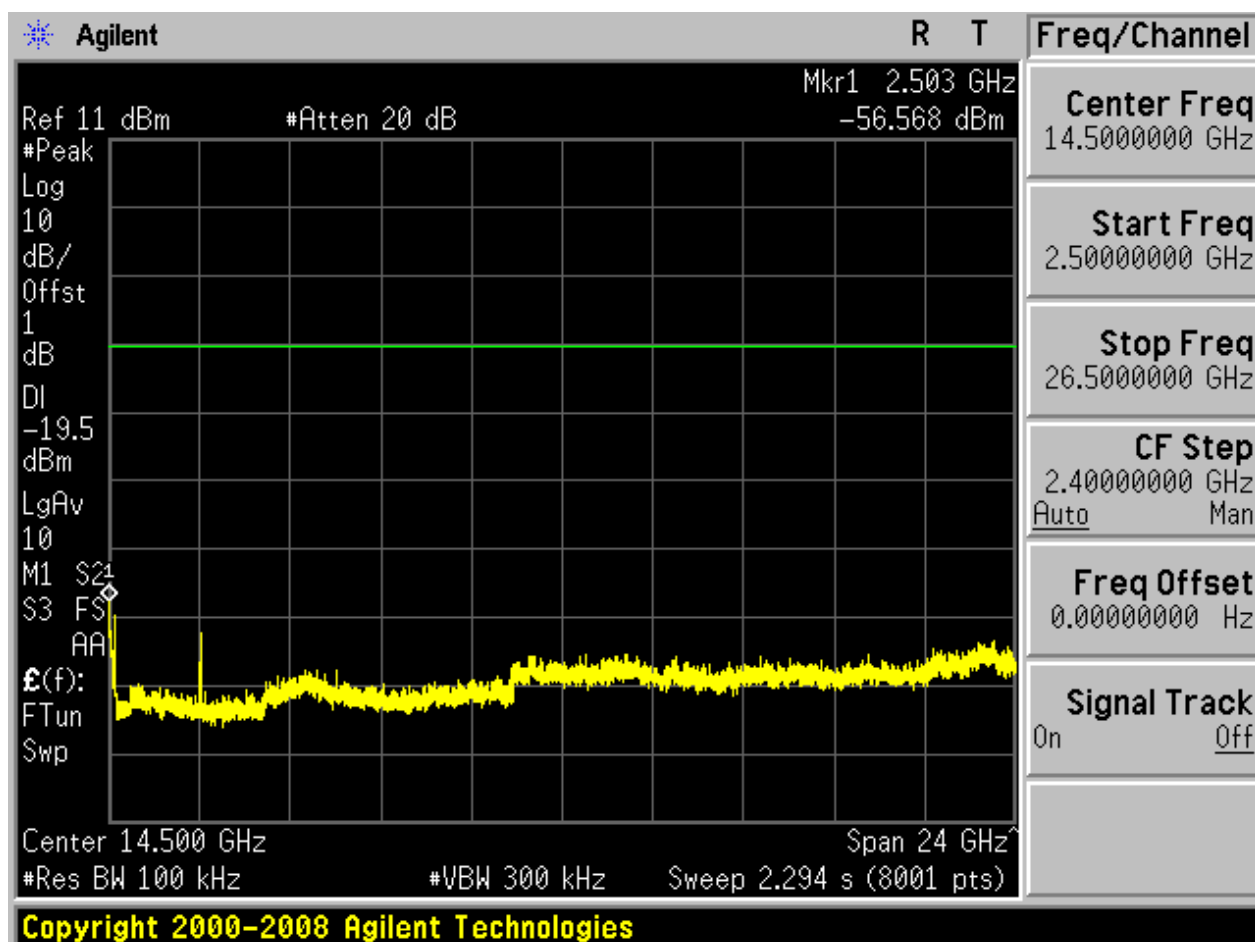






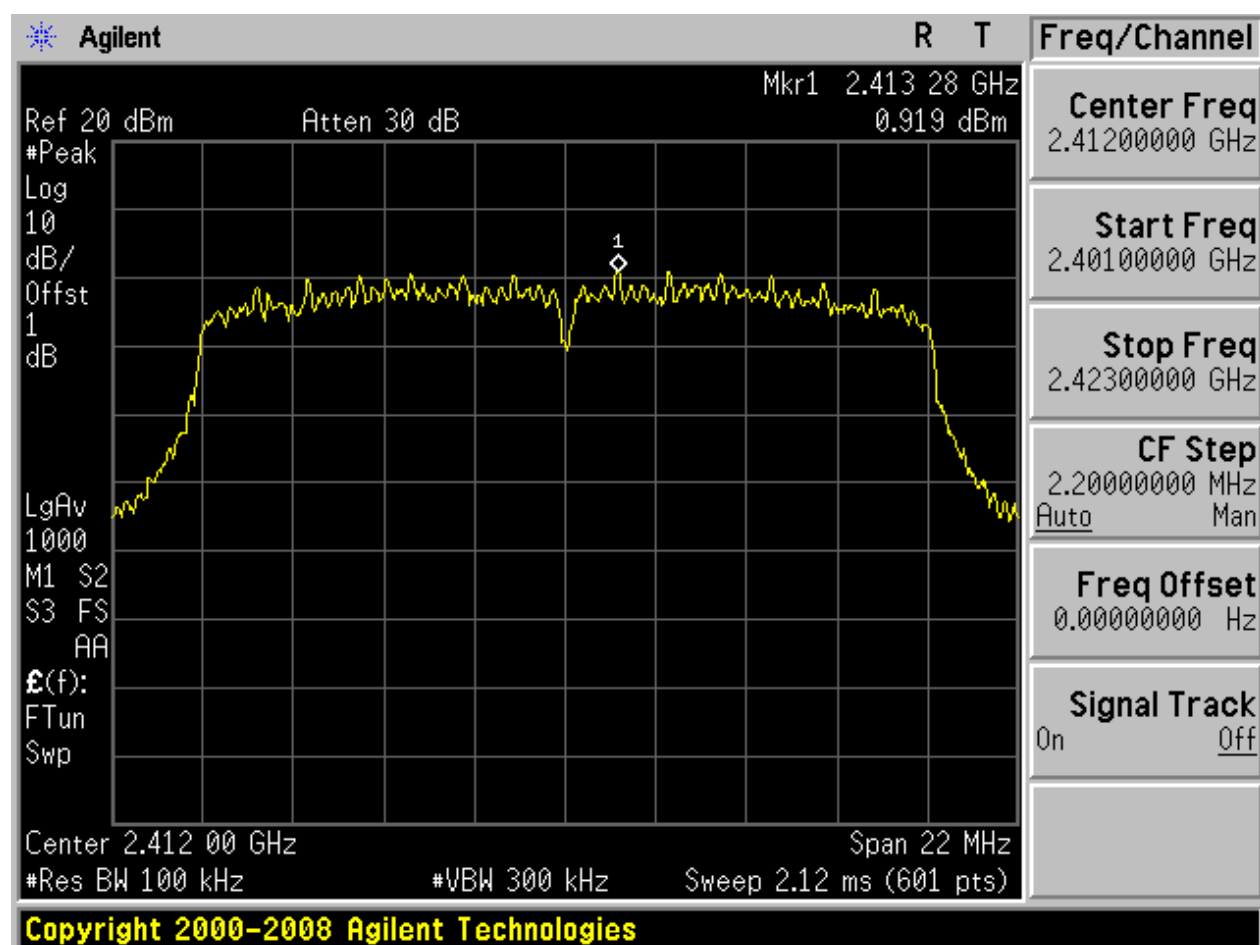






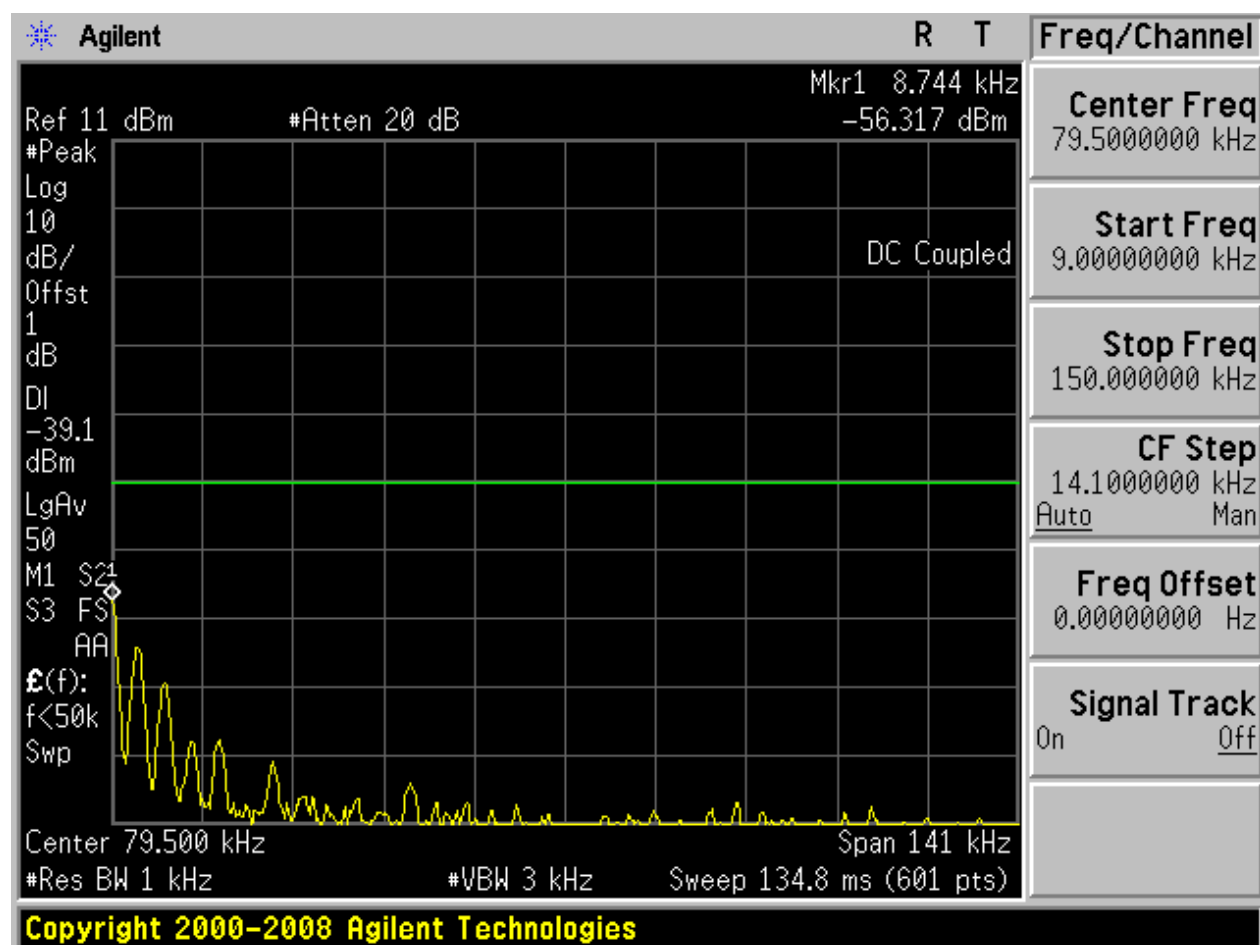
**2.19 11N20m_L@Ant 1**

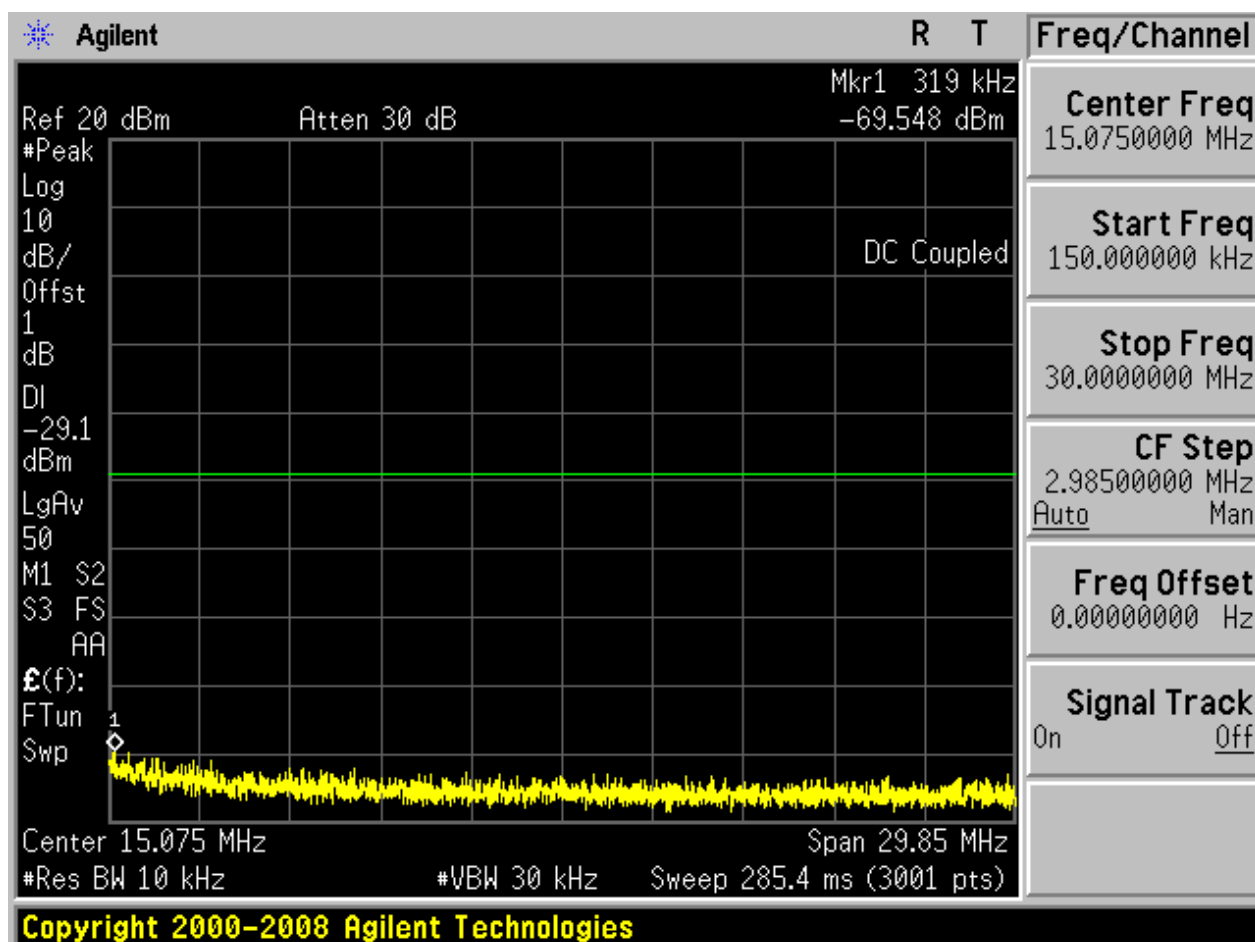
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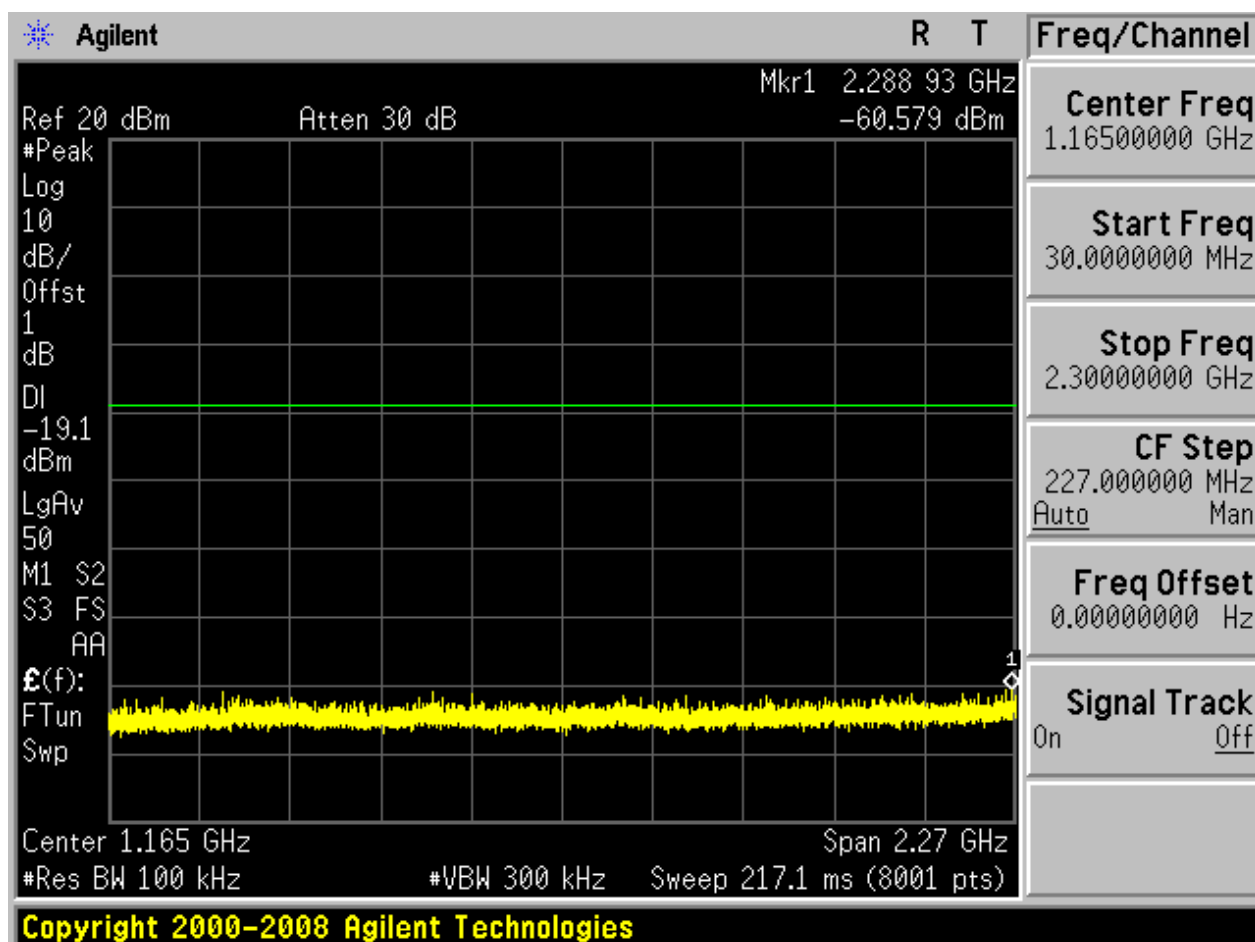


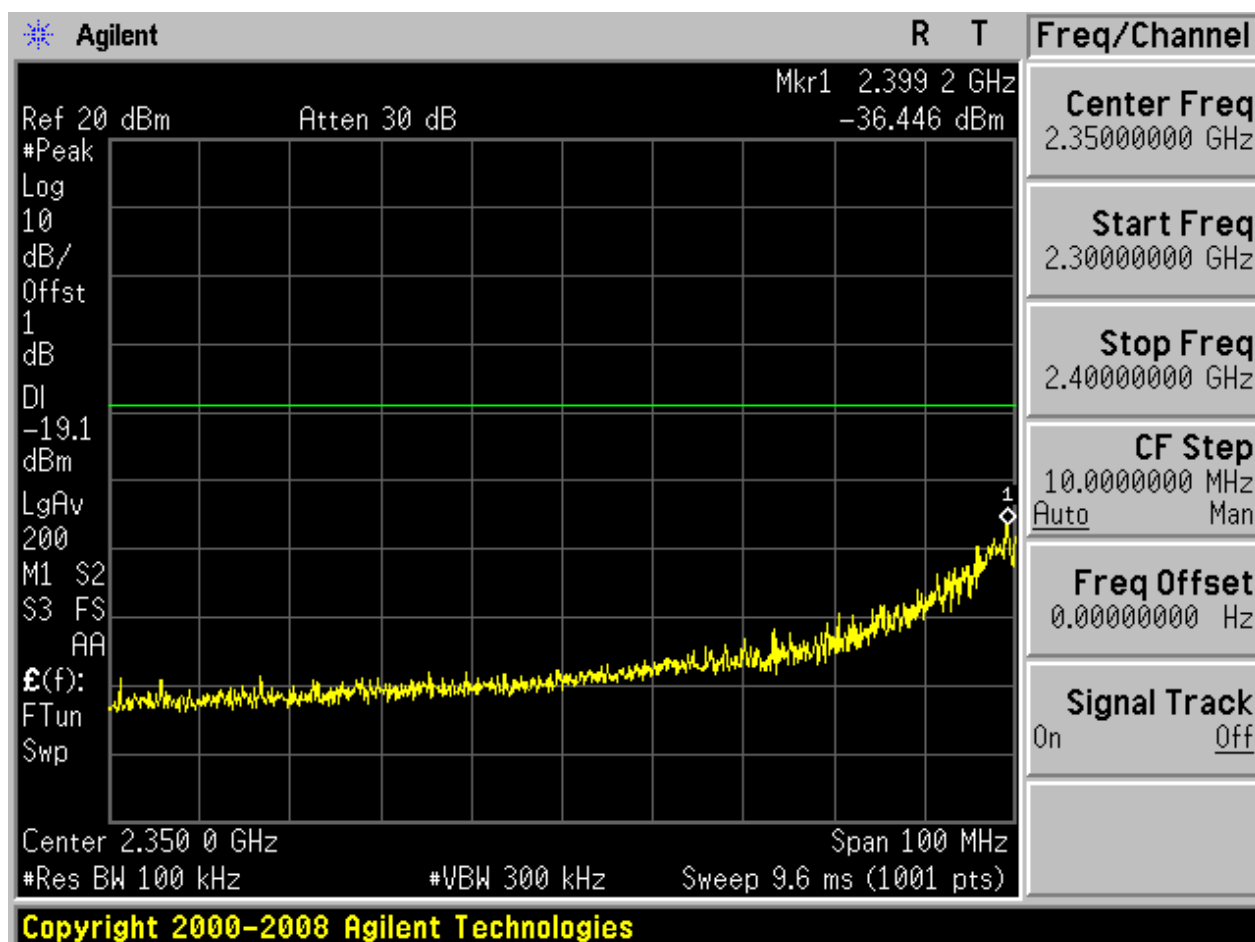


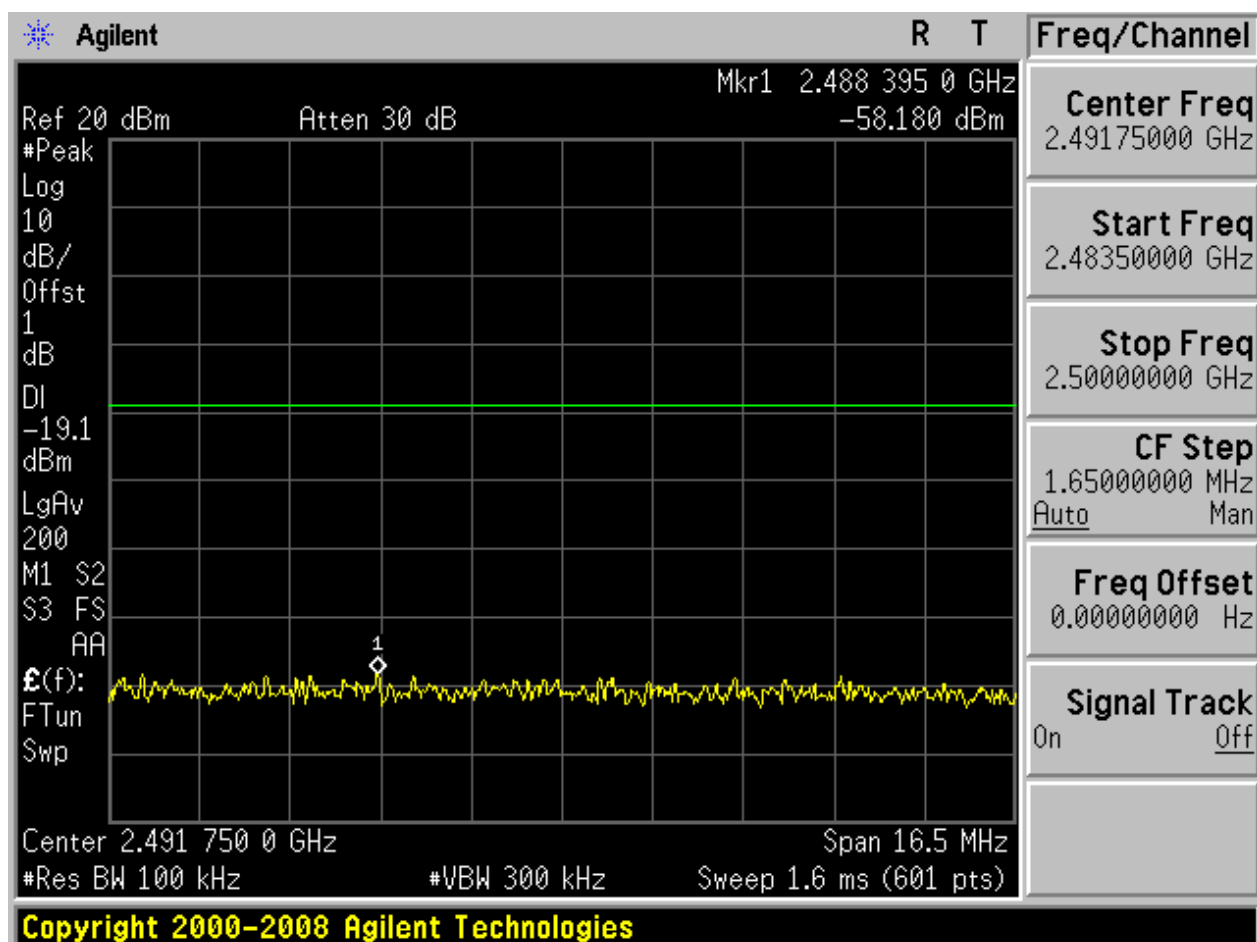
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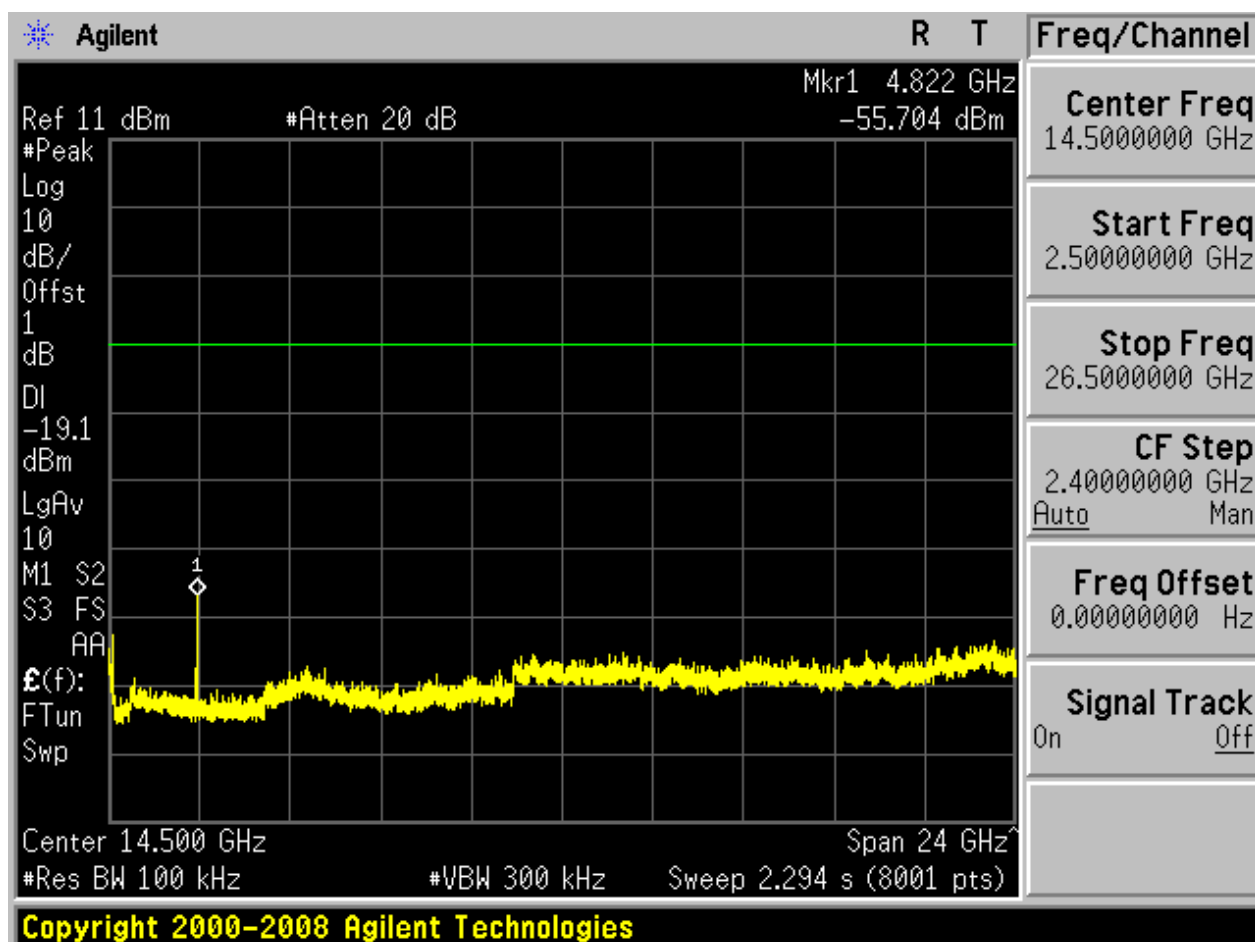








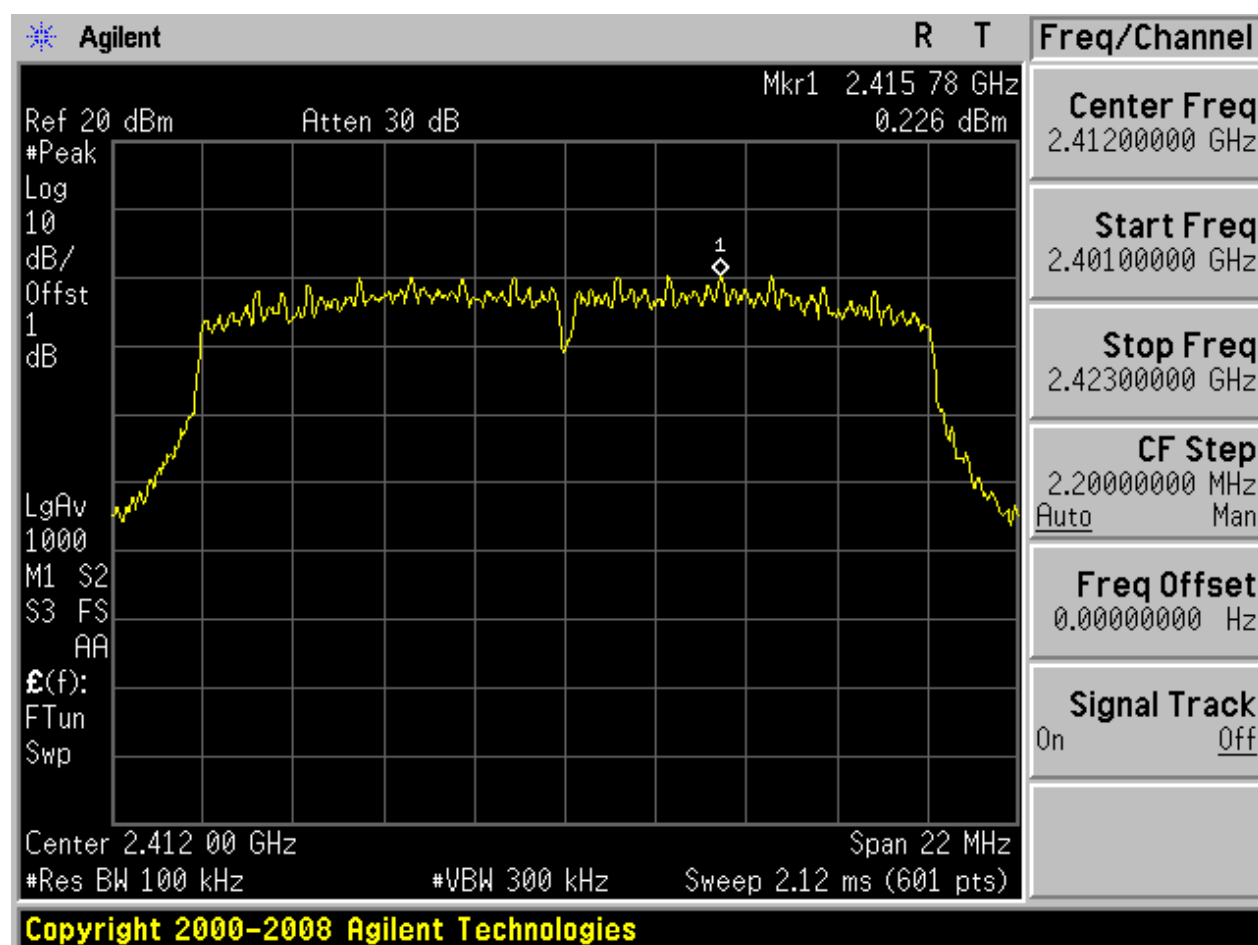






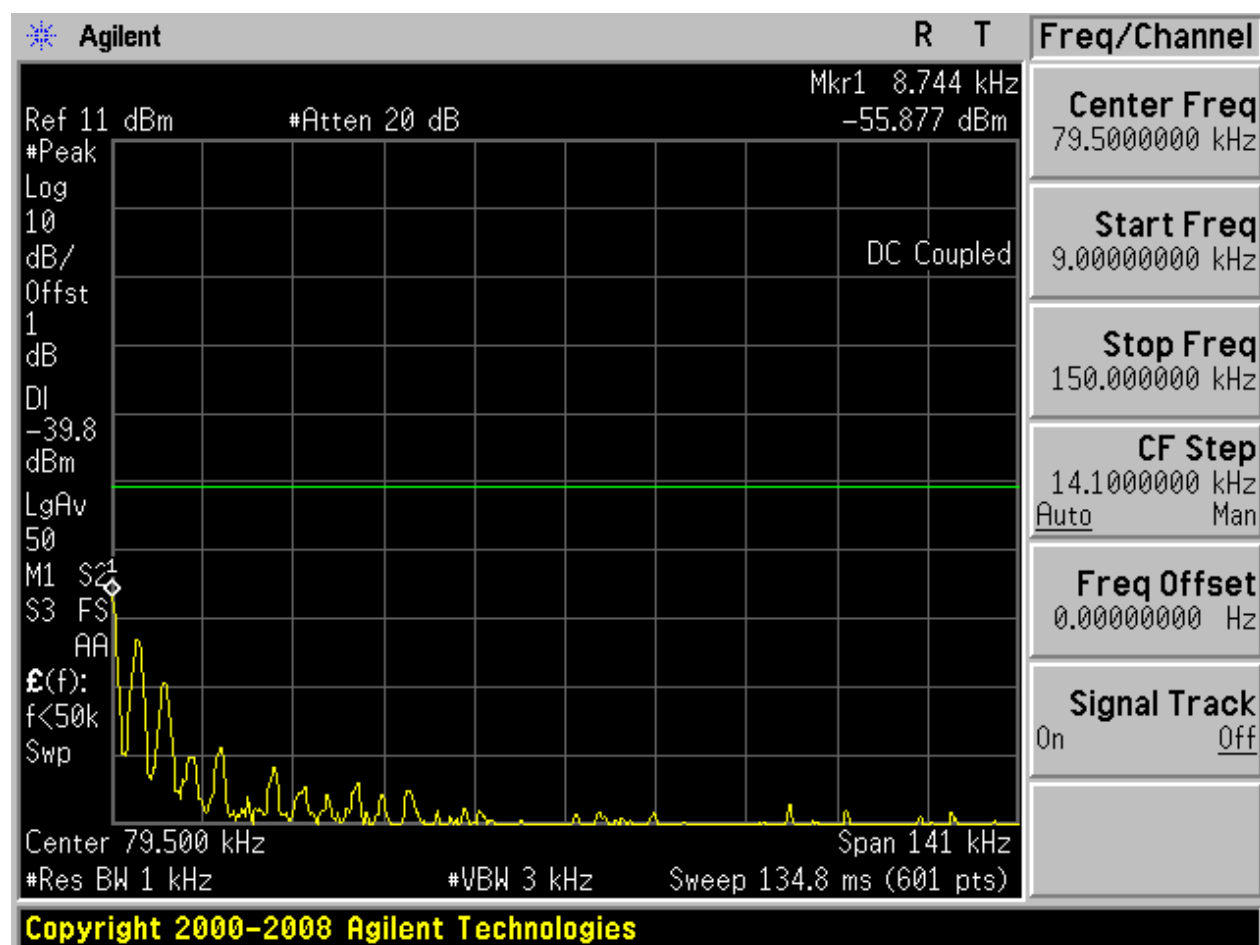
2.20 11N20m_L@Ant 2

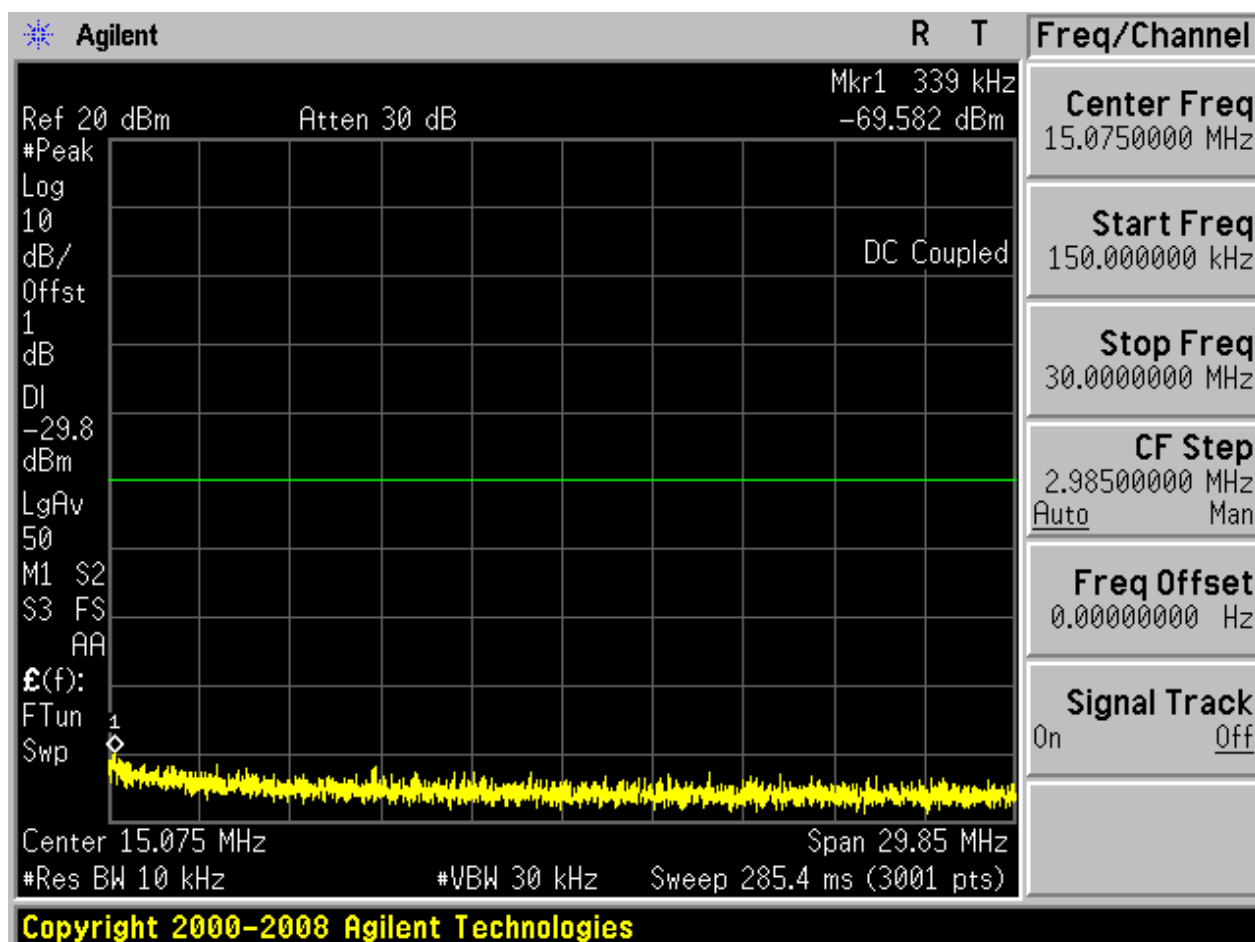
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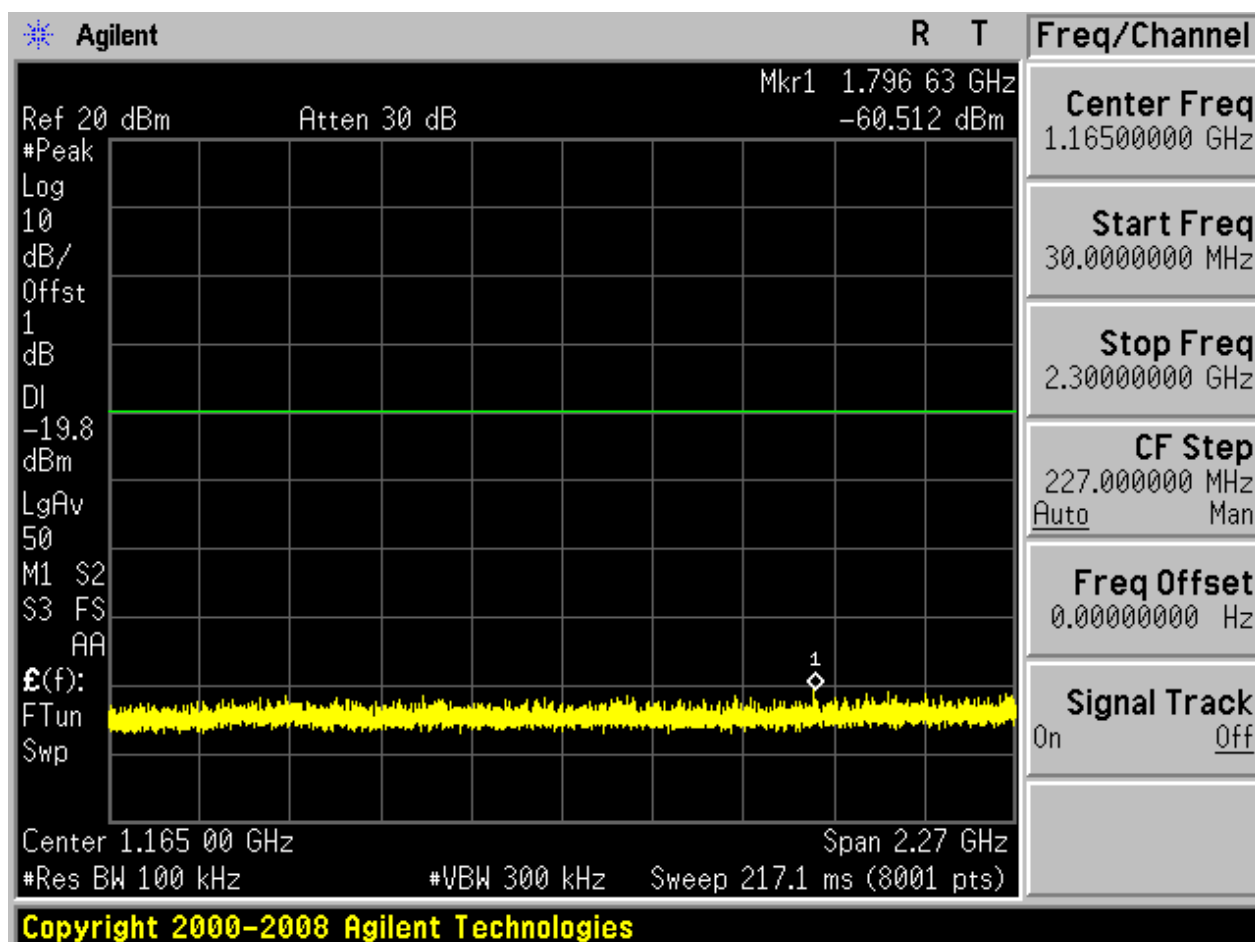


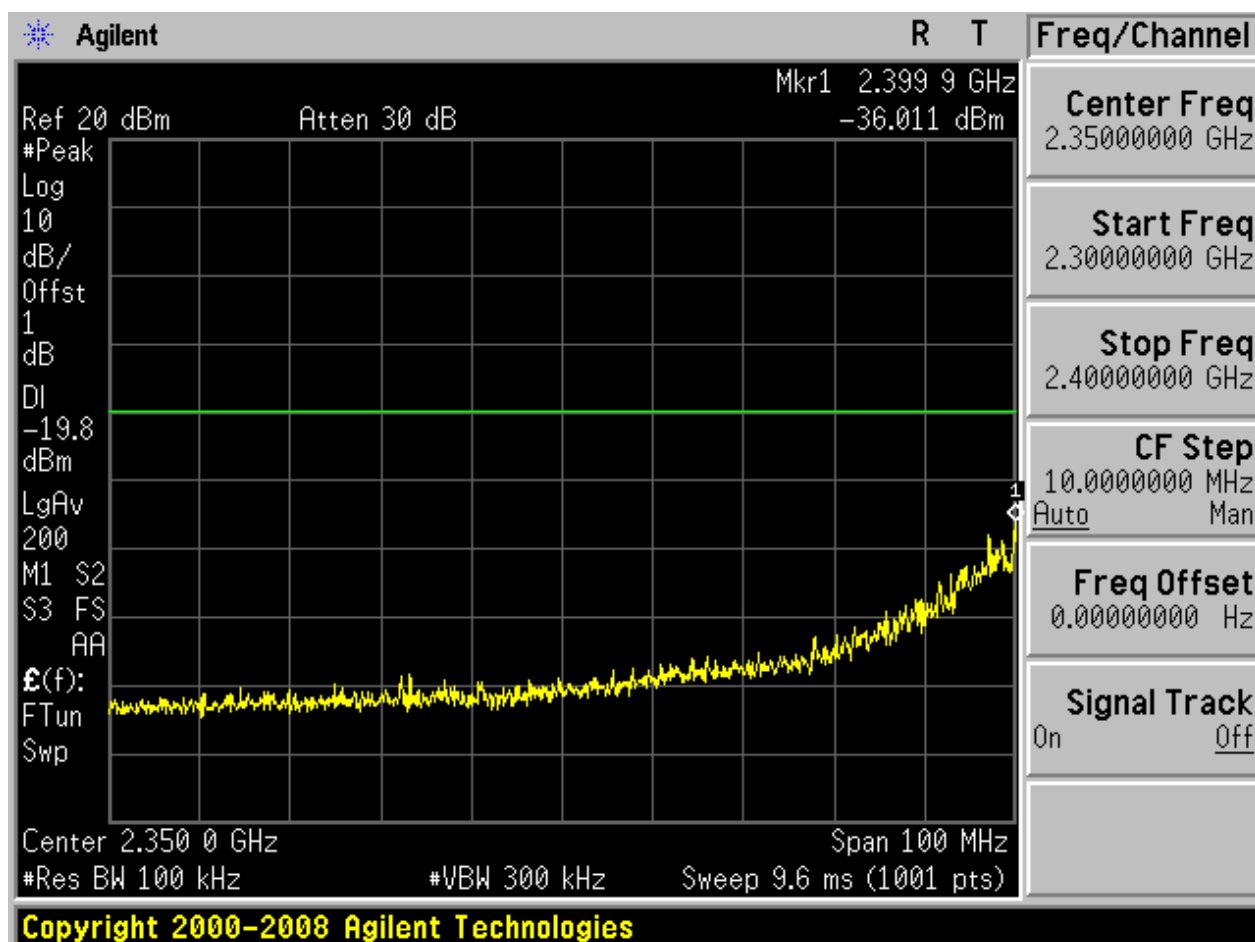


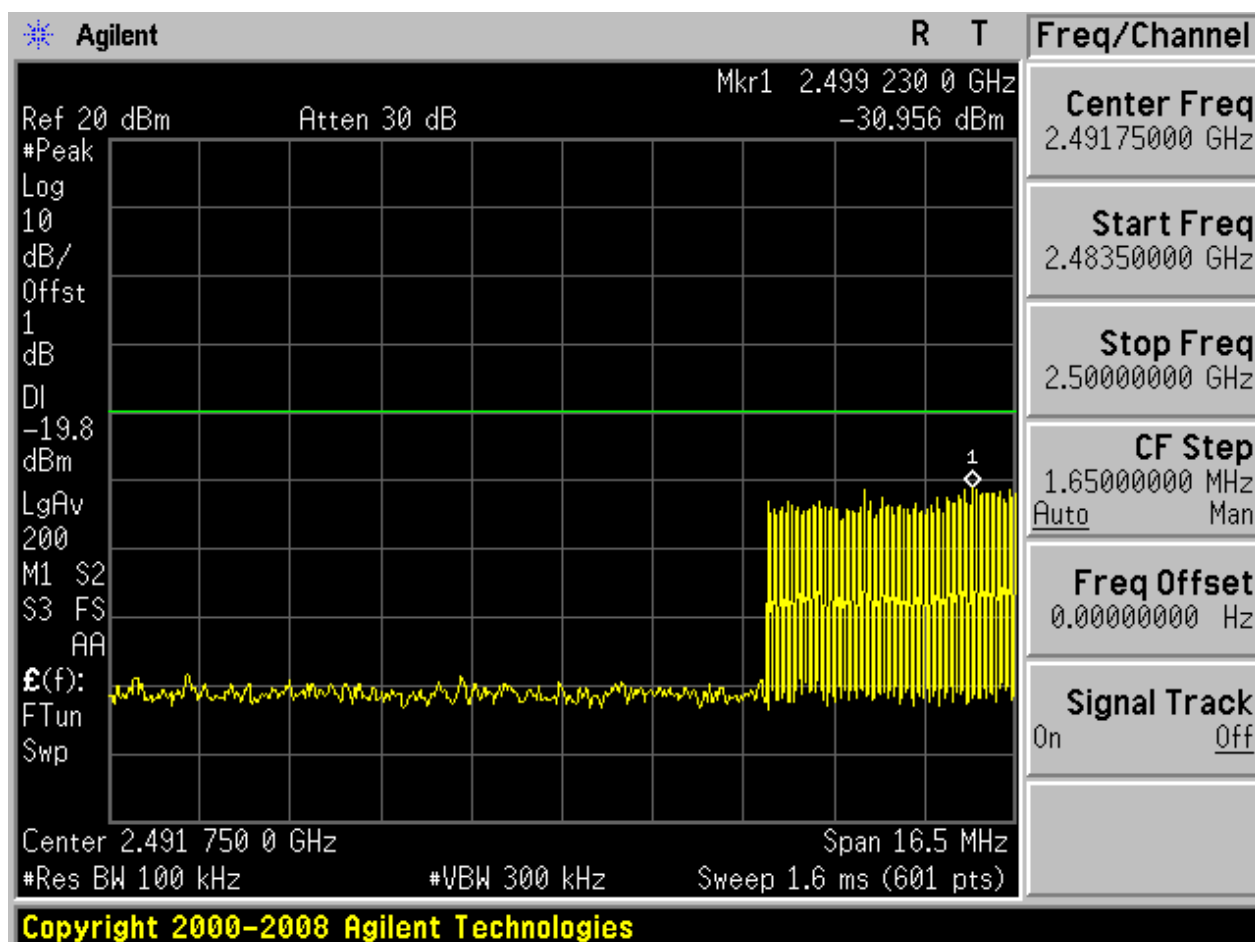
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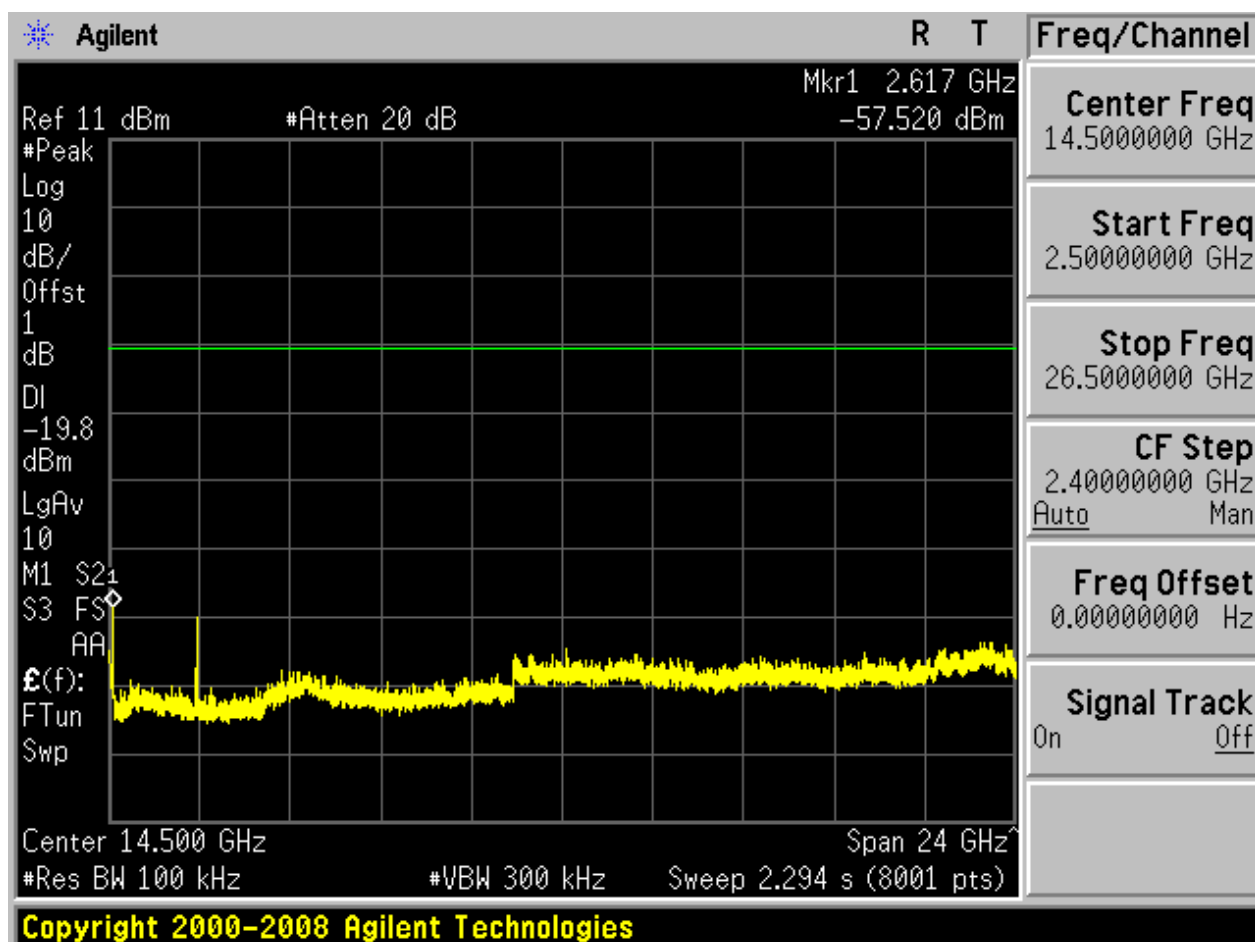








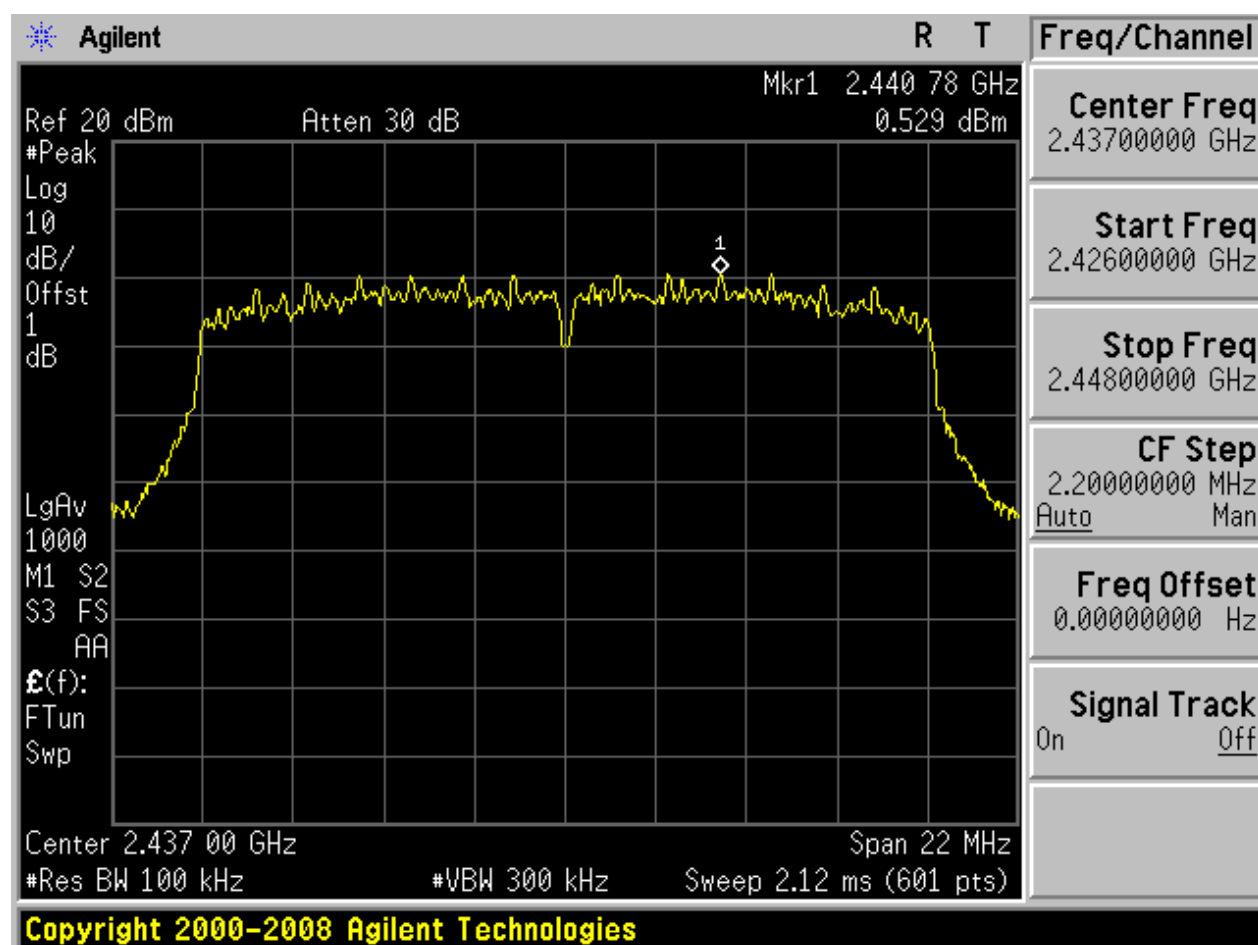




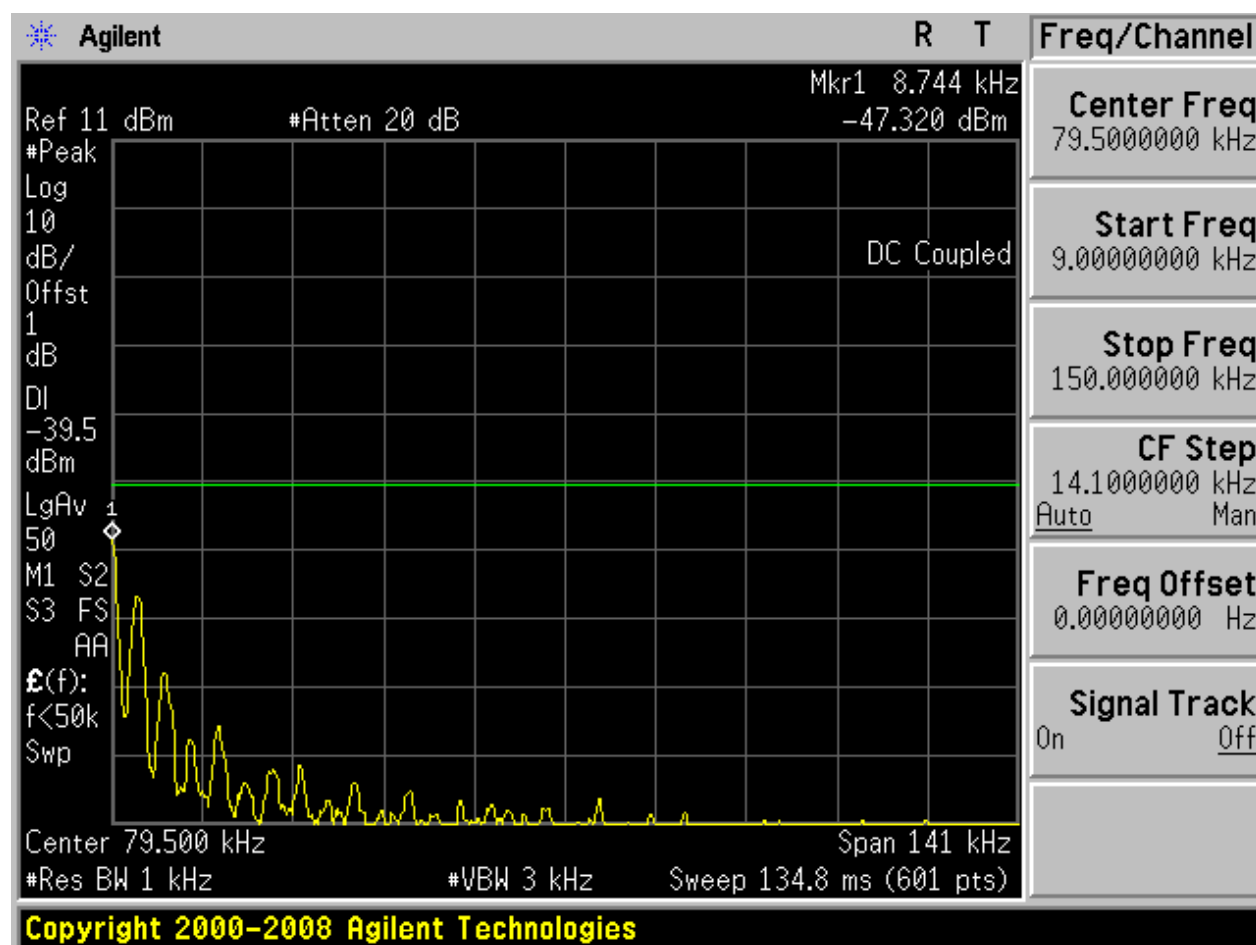


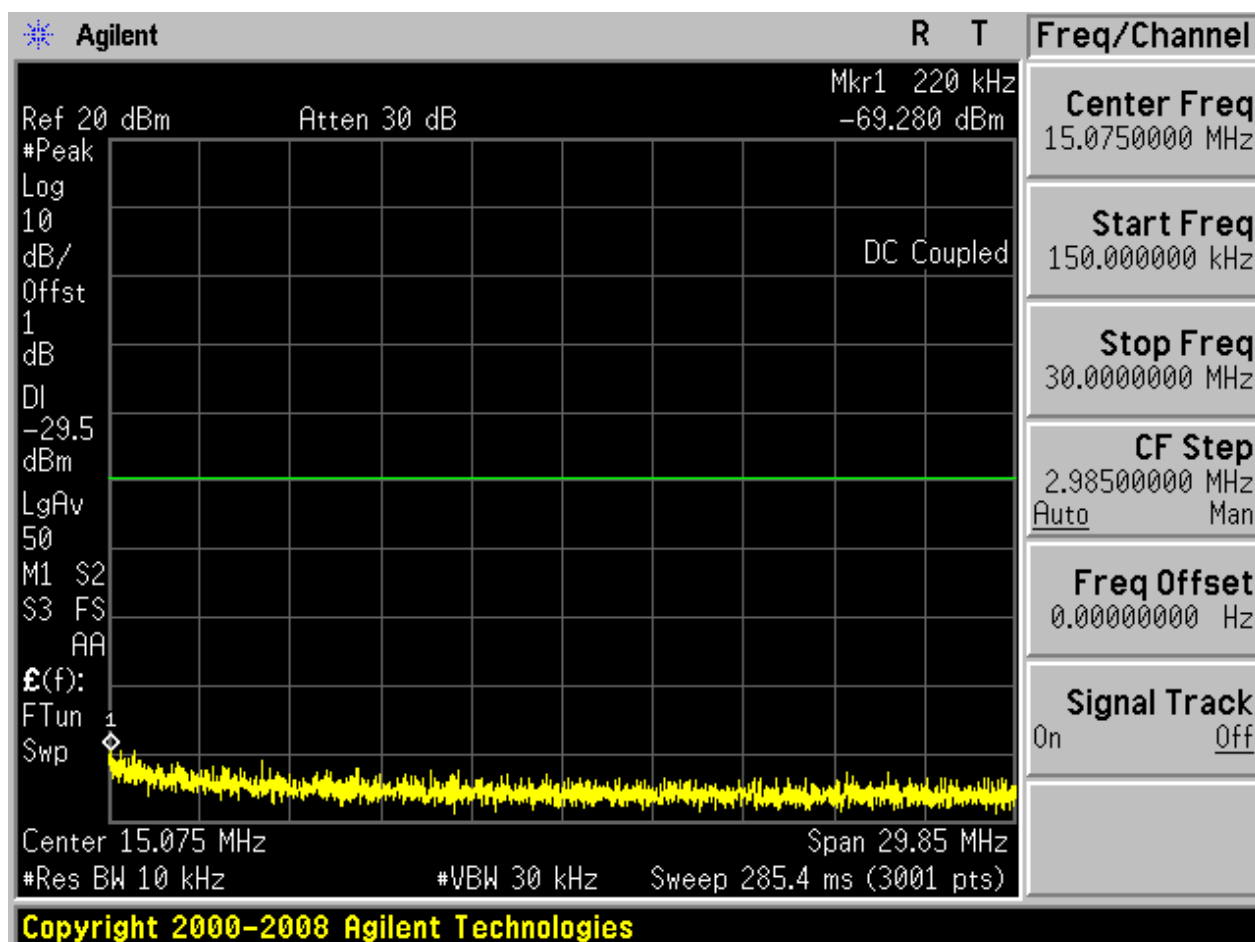
2.22 11N20m_M@Ant 2

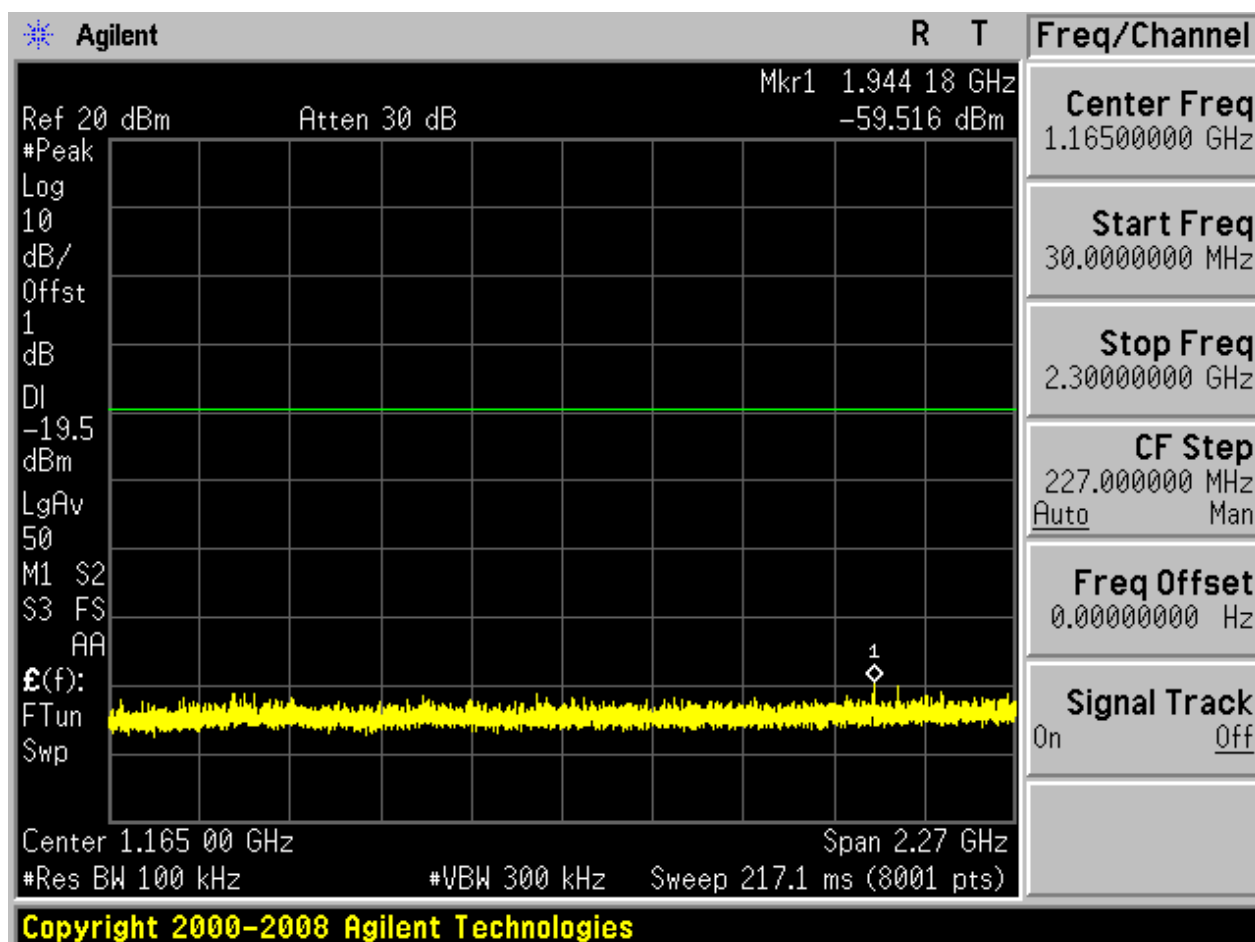
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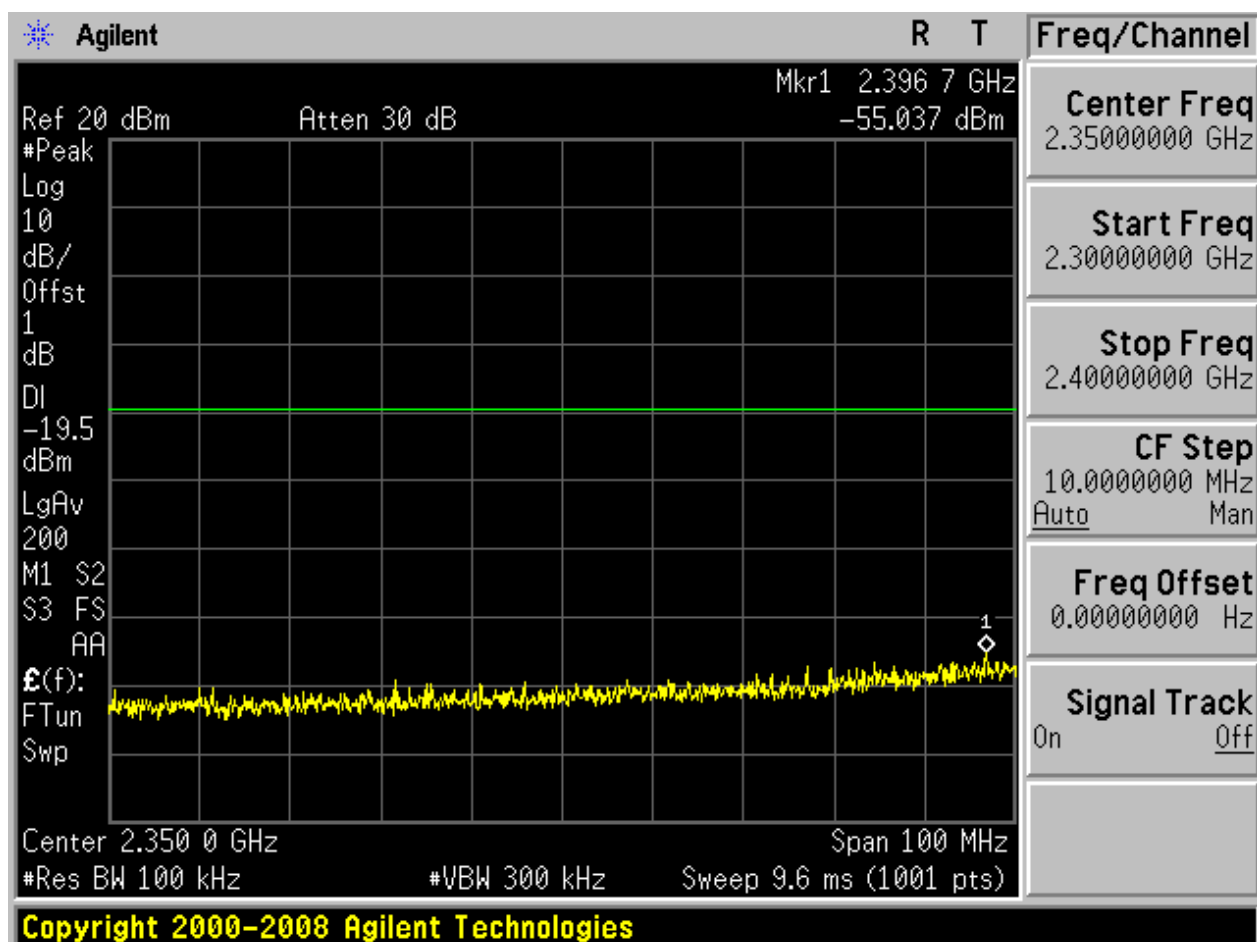


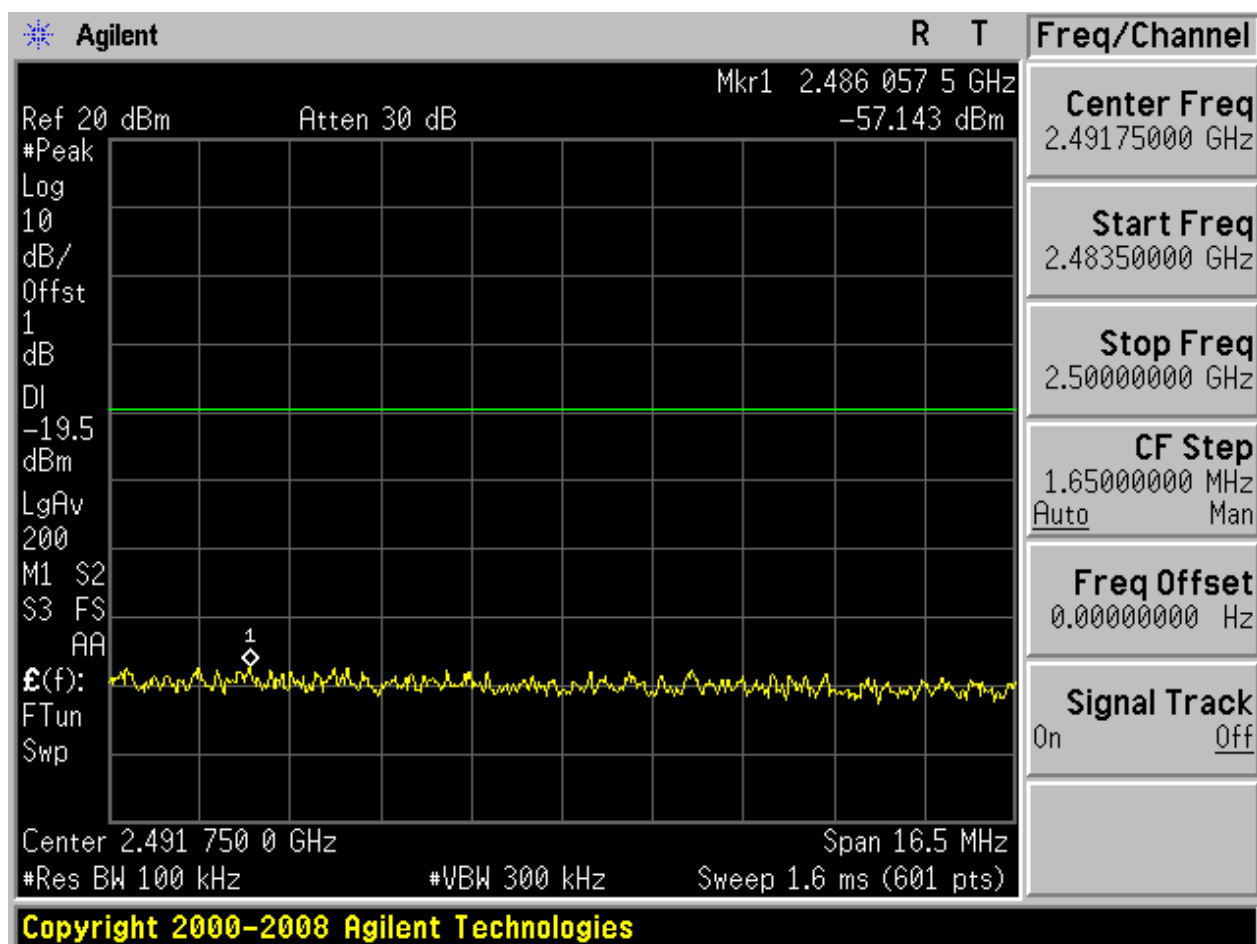
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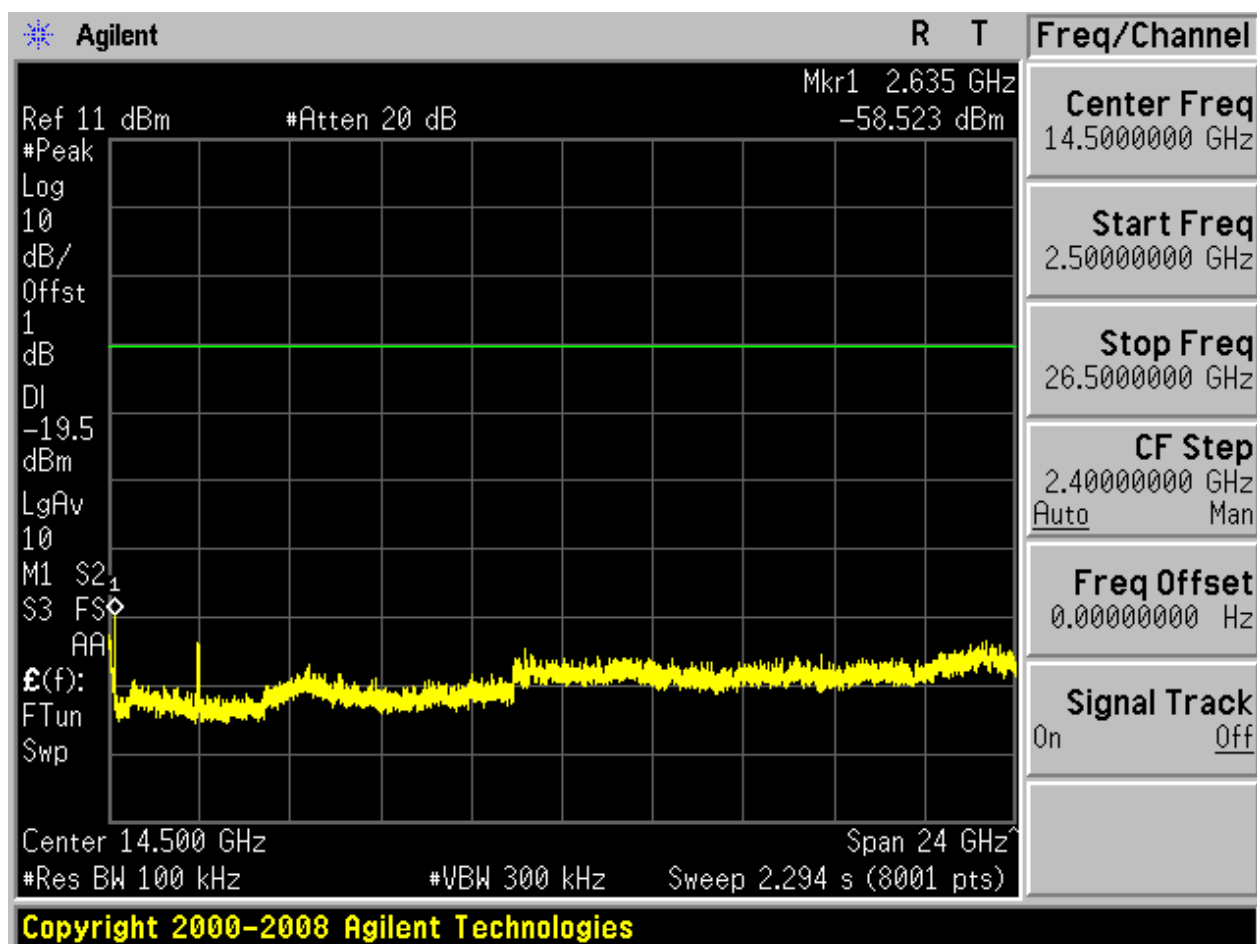






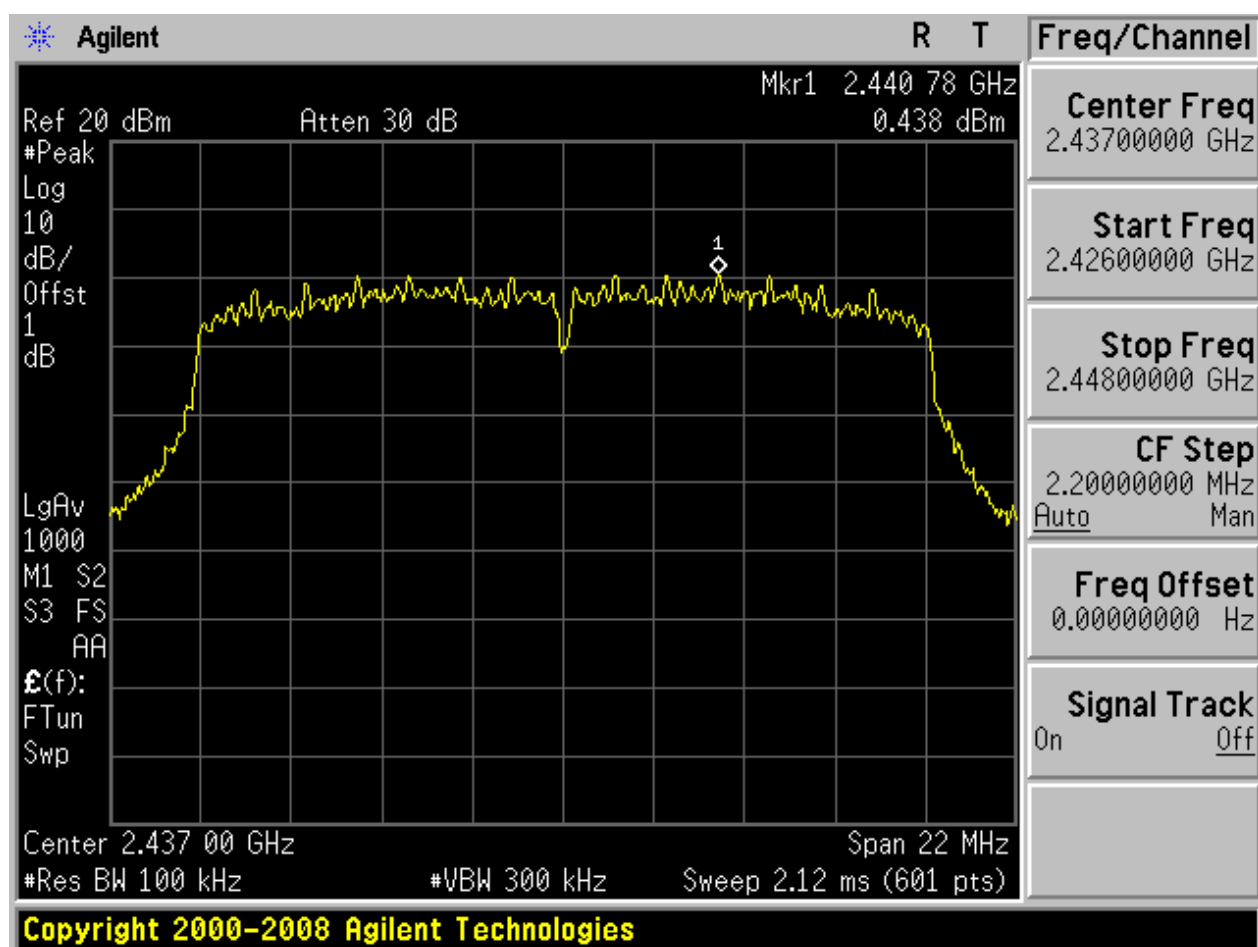






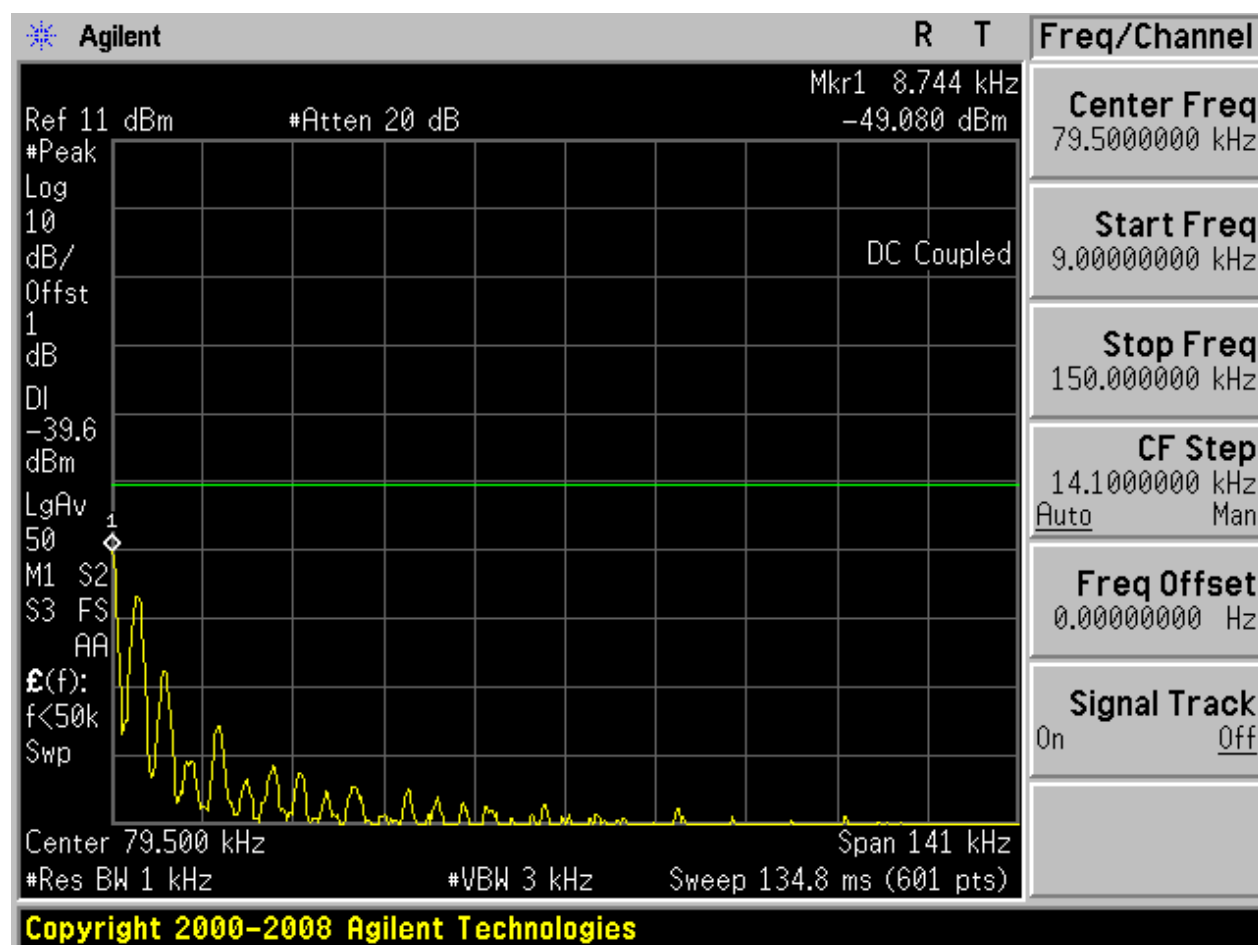
2.21 11N20m_M@Ant 1

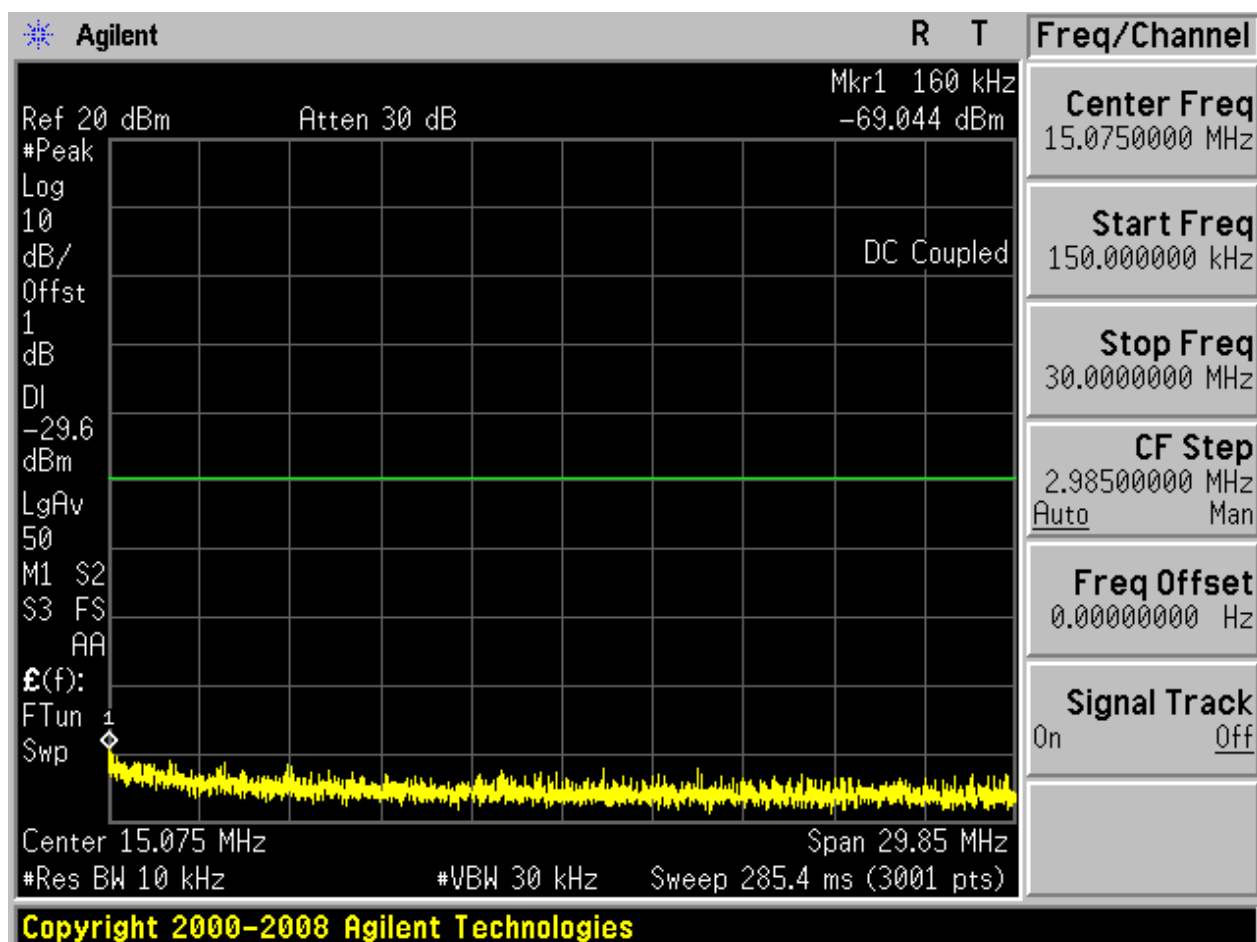
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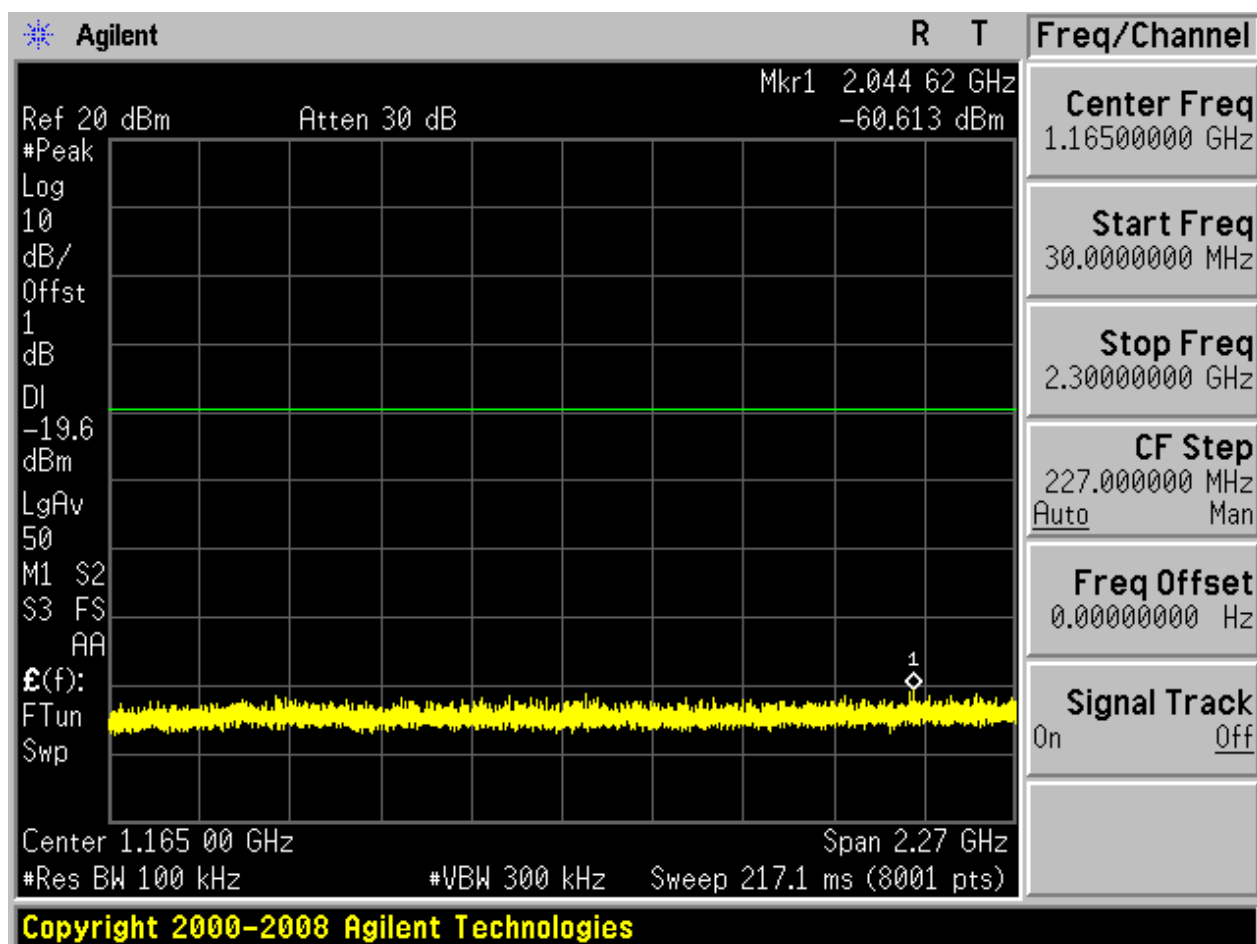


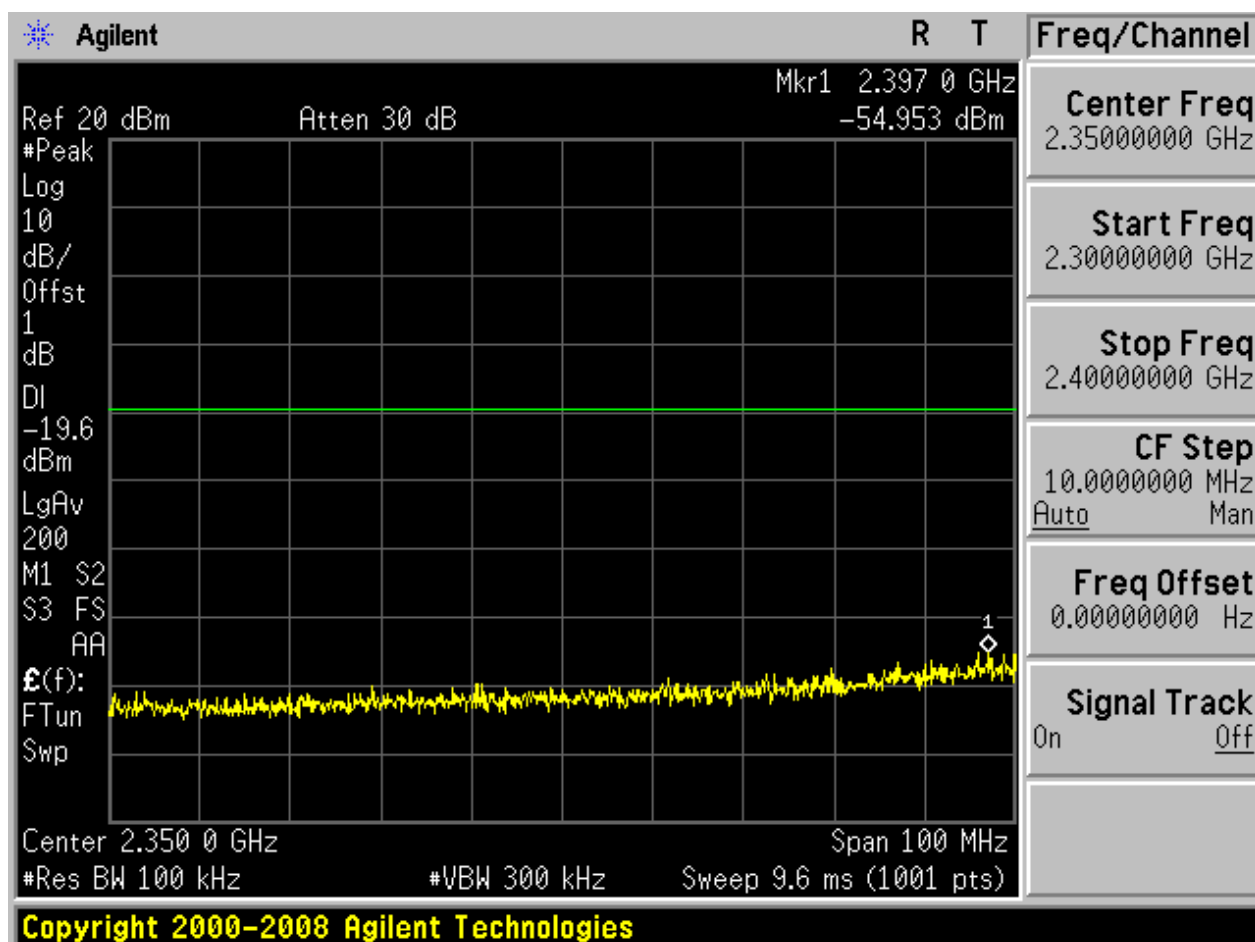


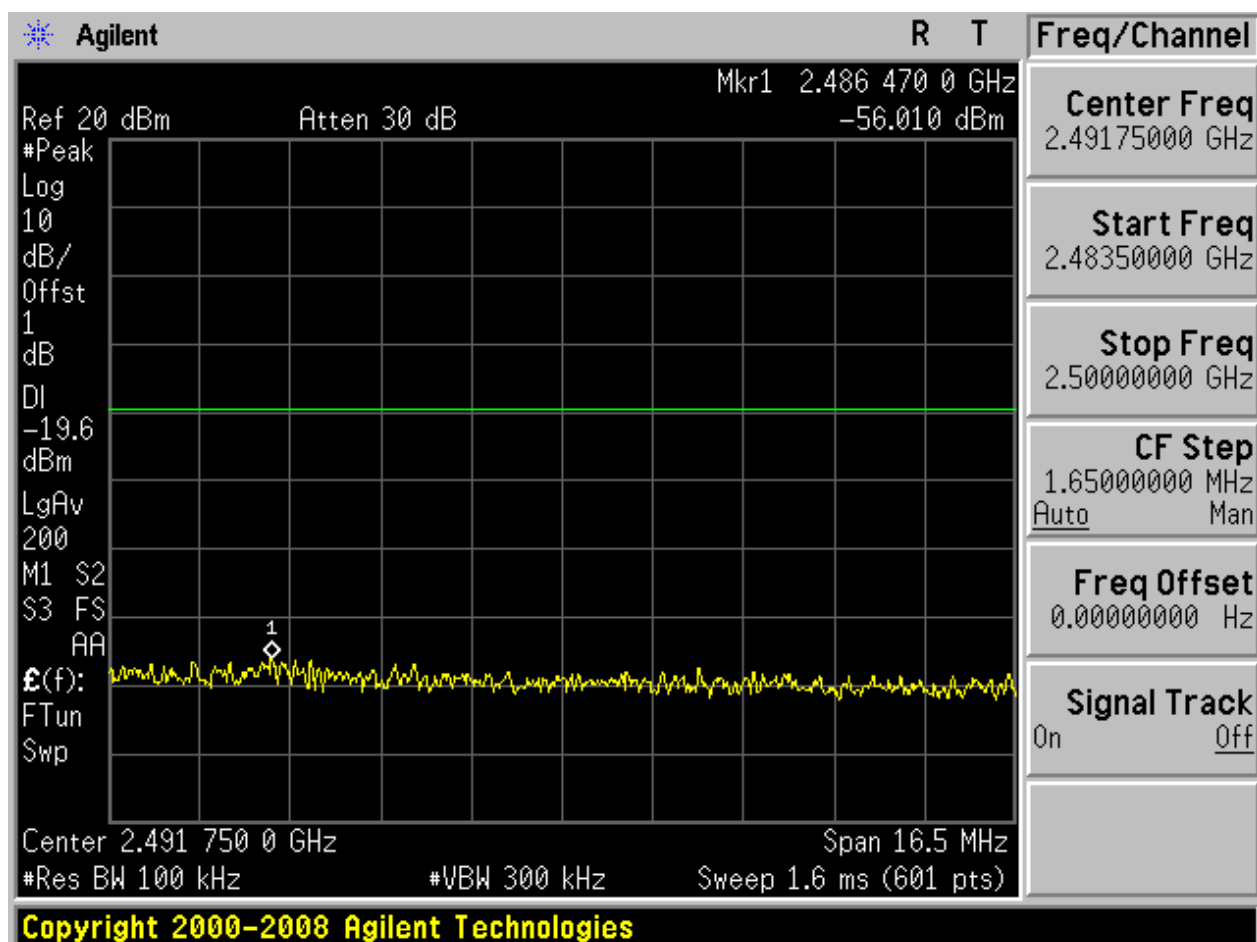
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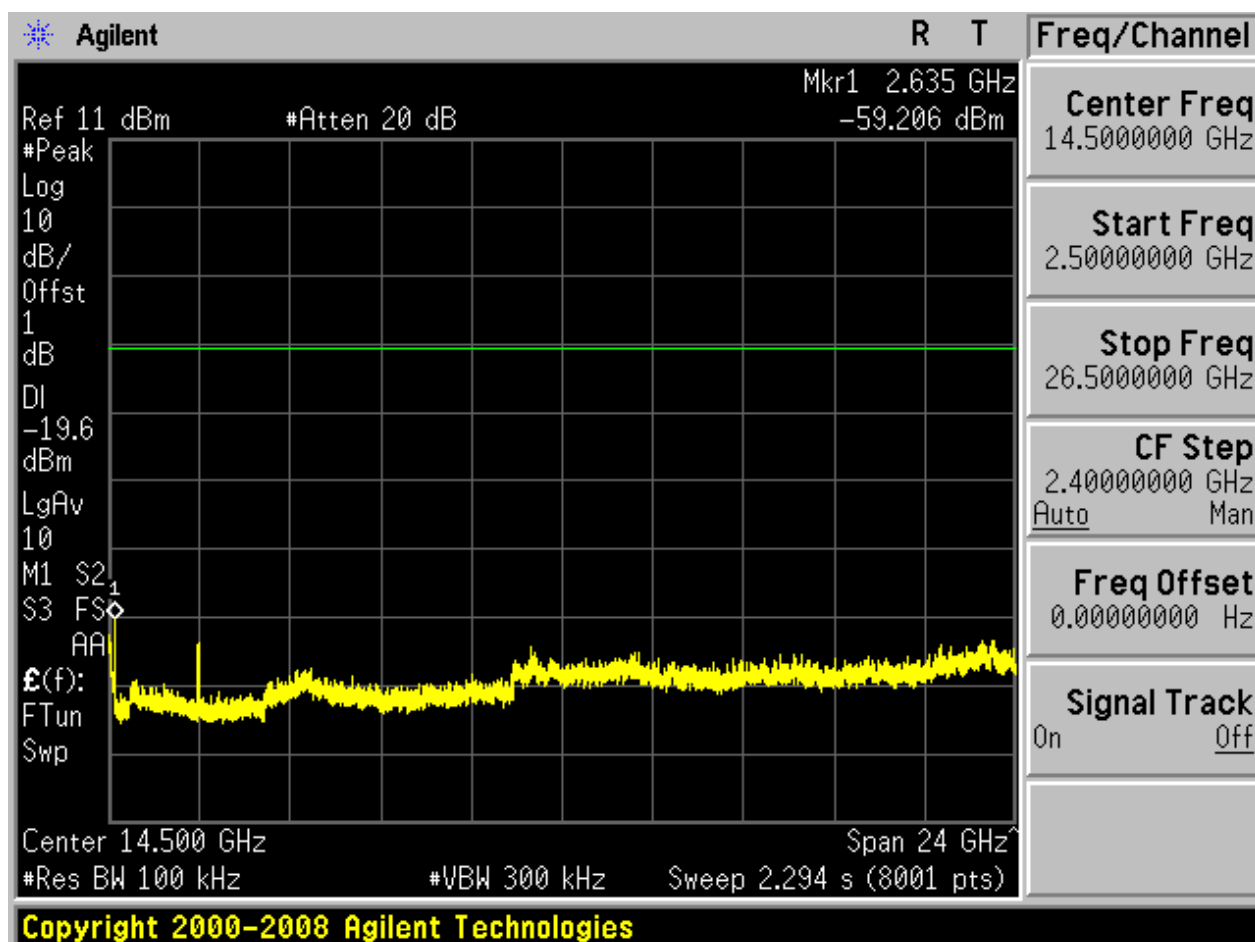








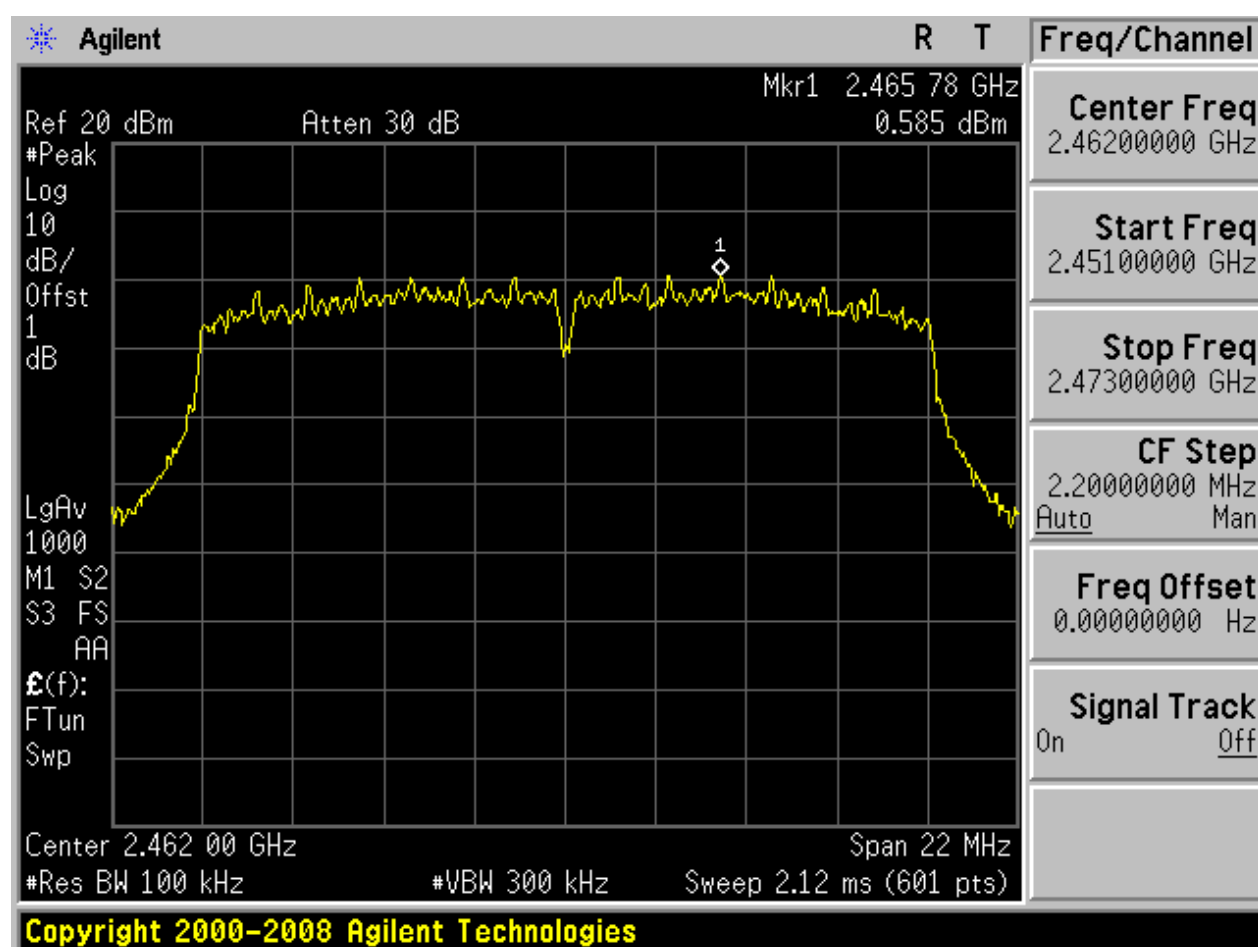




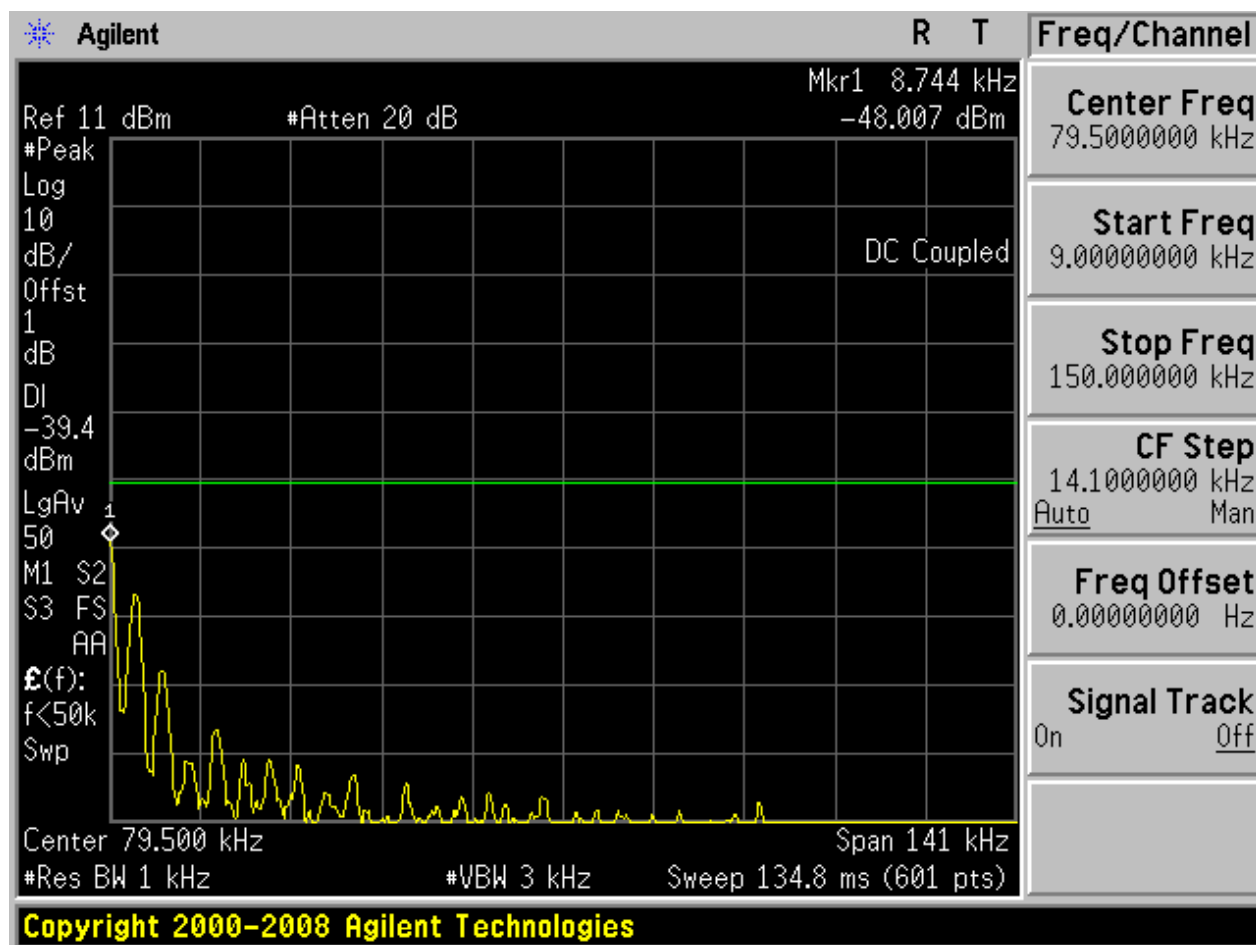


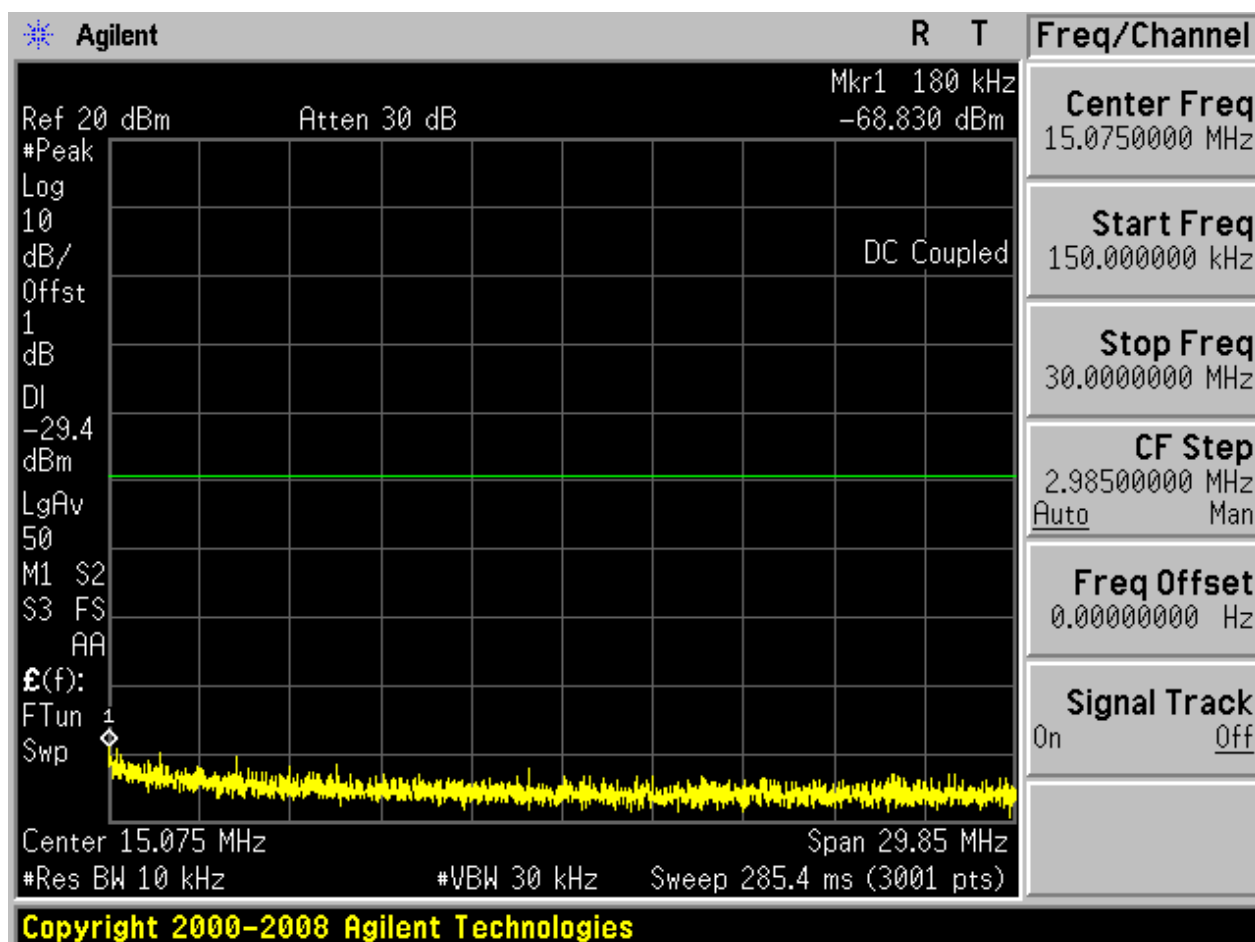
2.23 11N20m_H@Ant 1

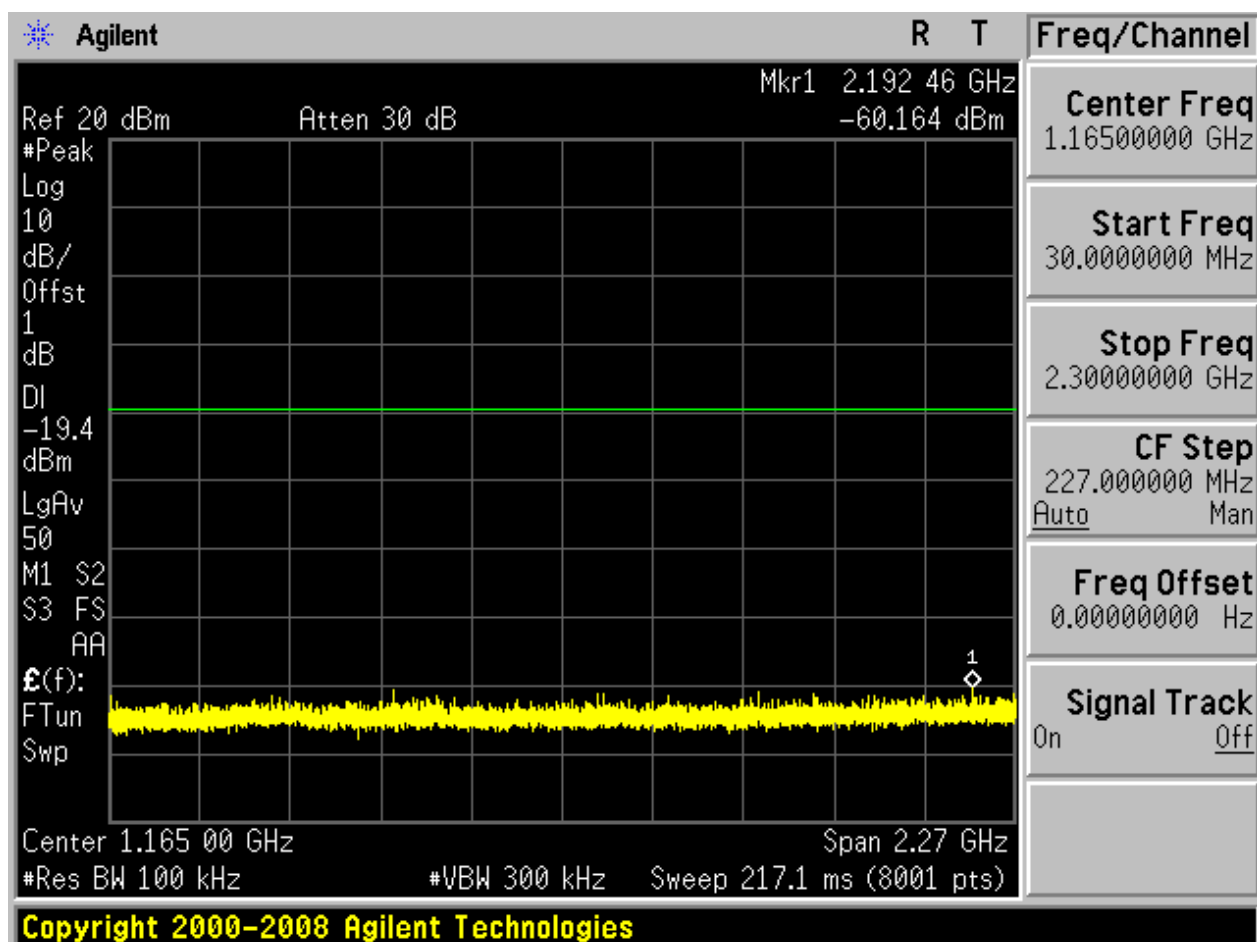
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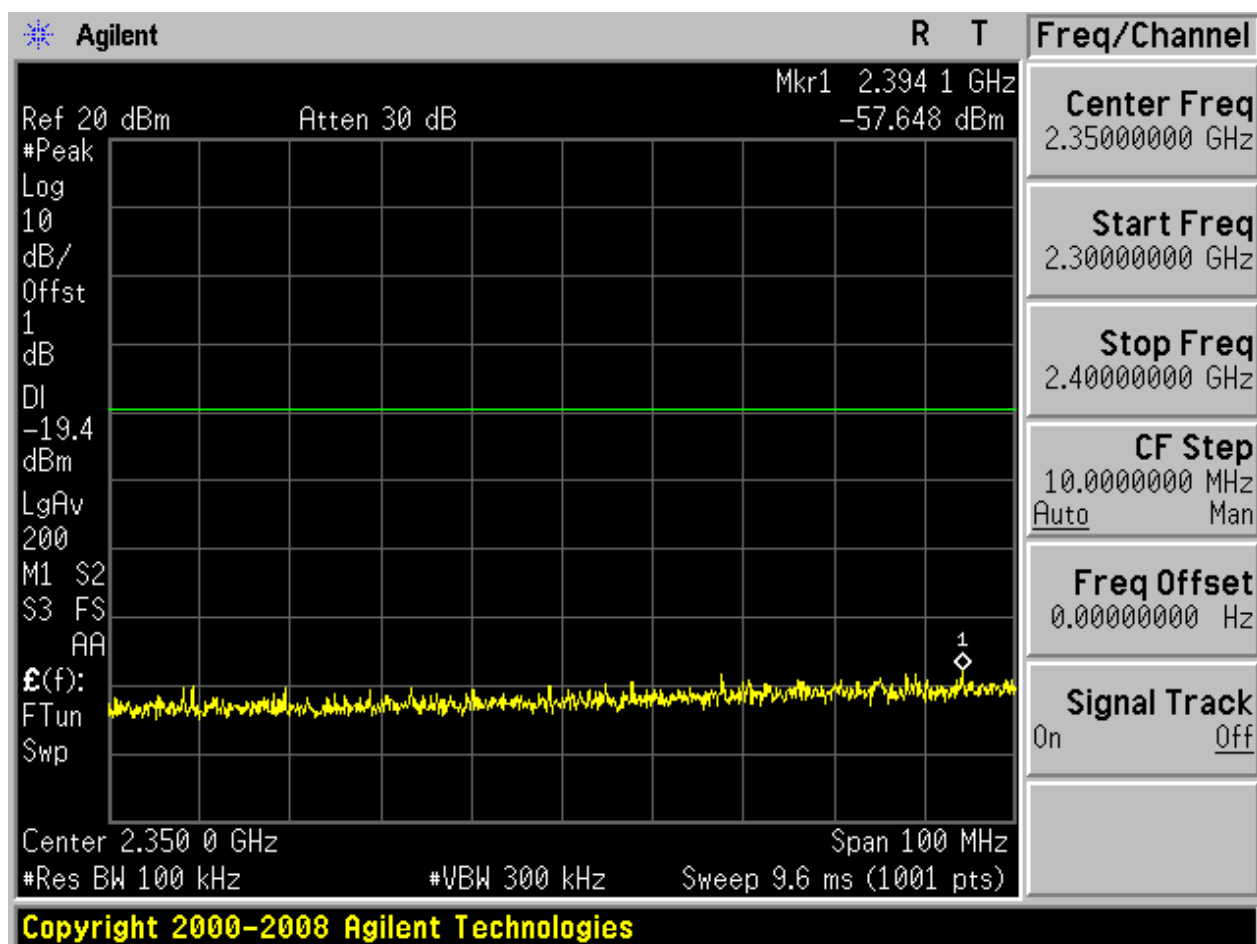


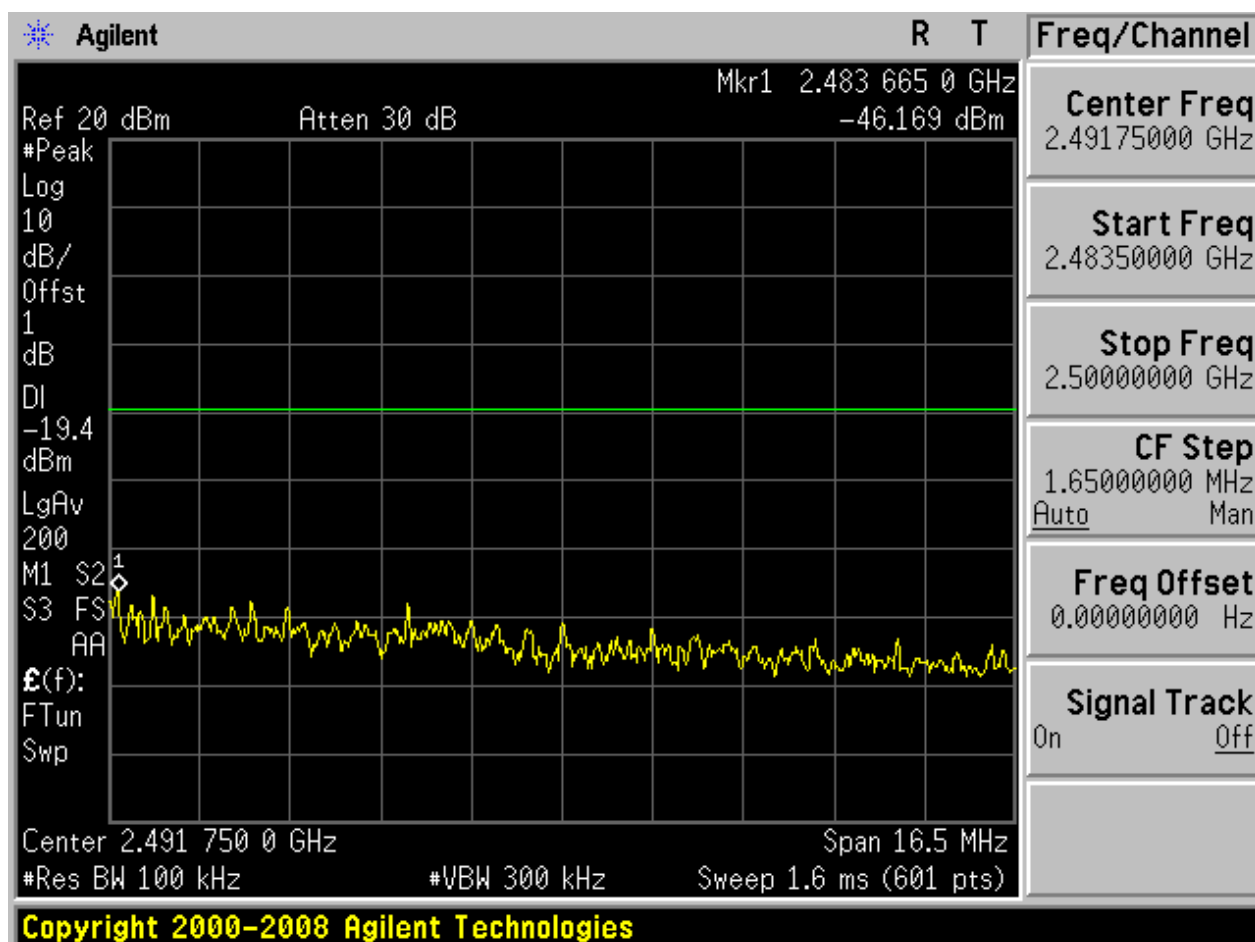
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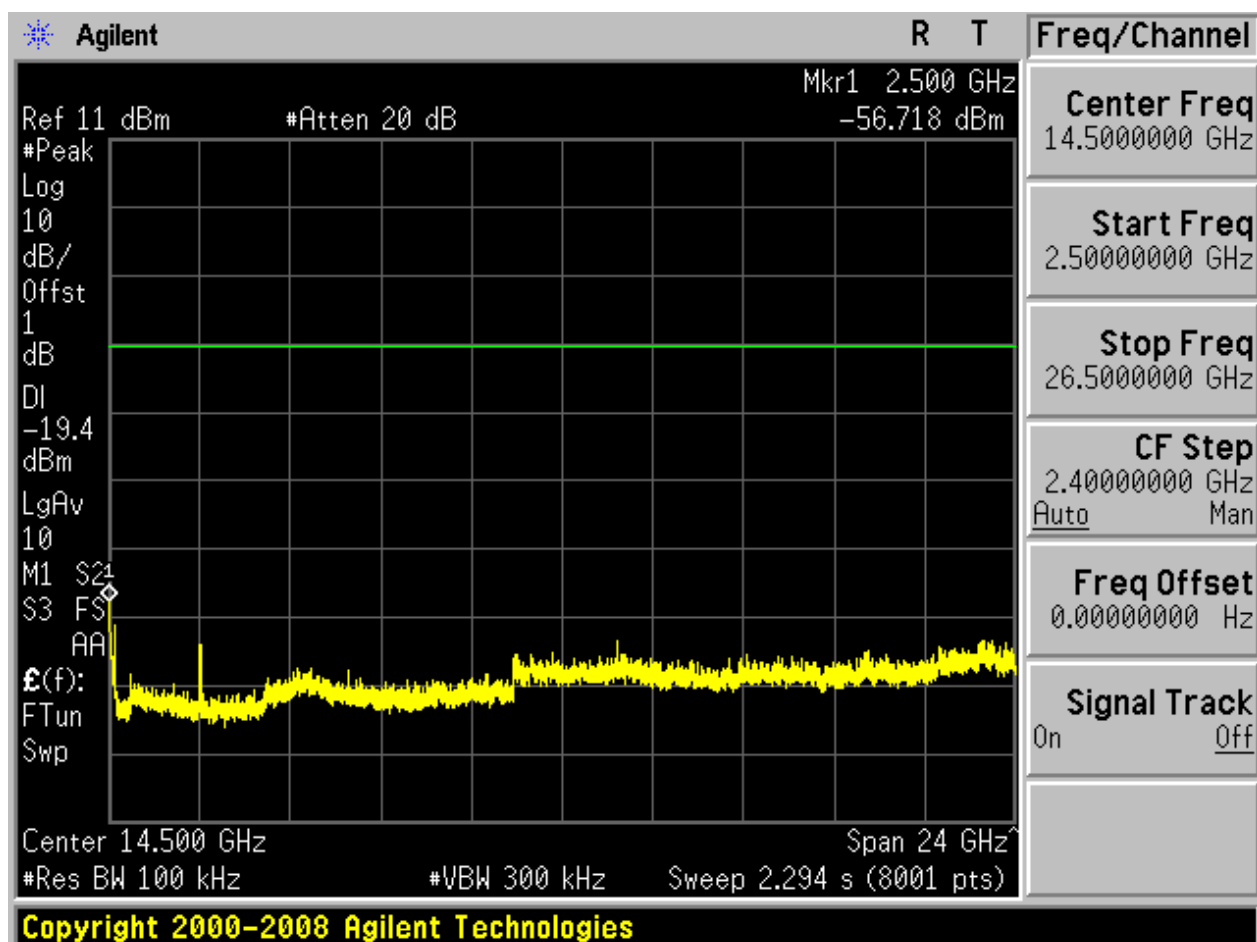






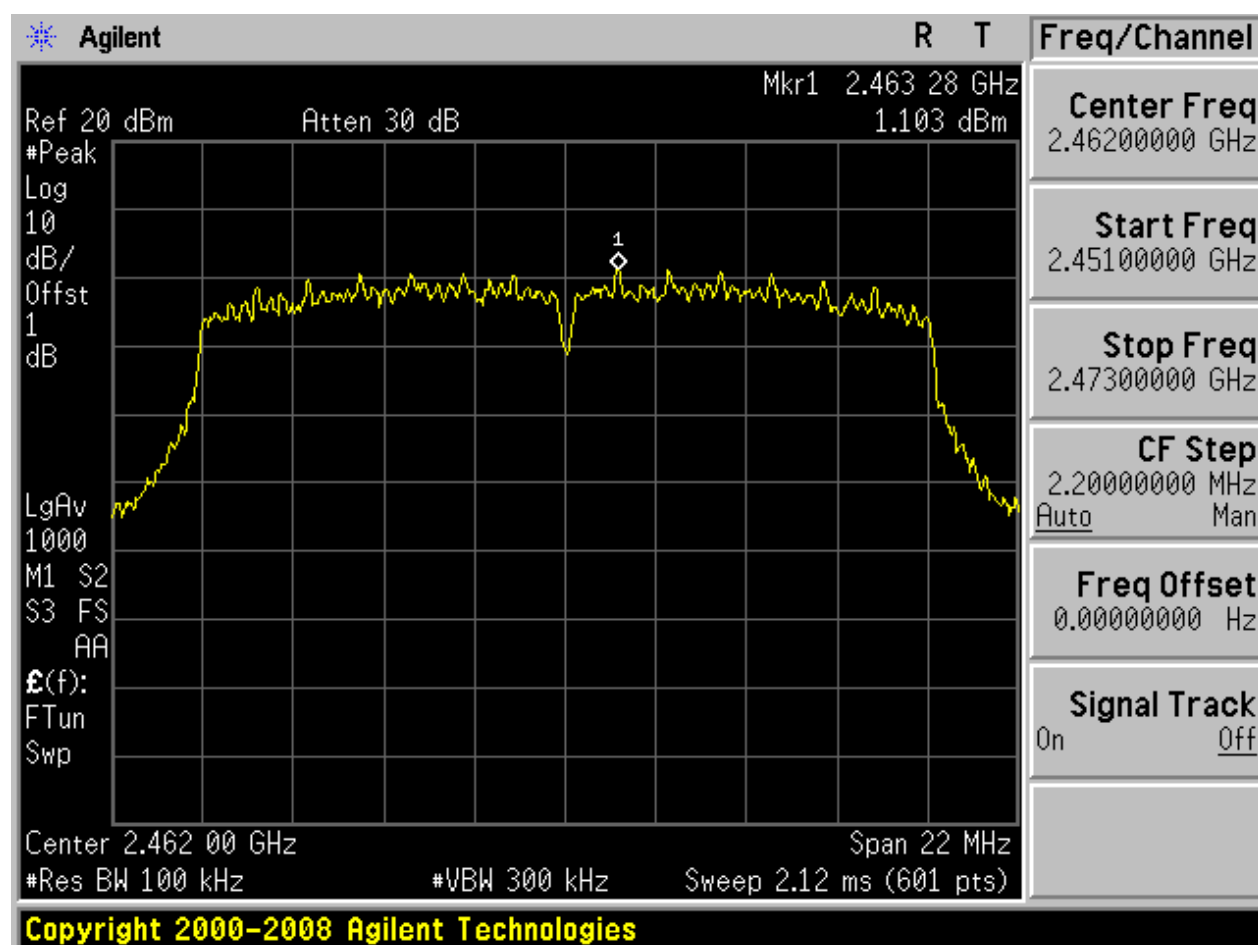






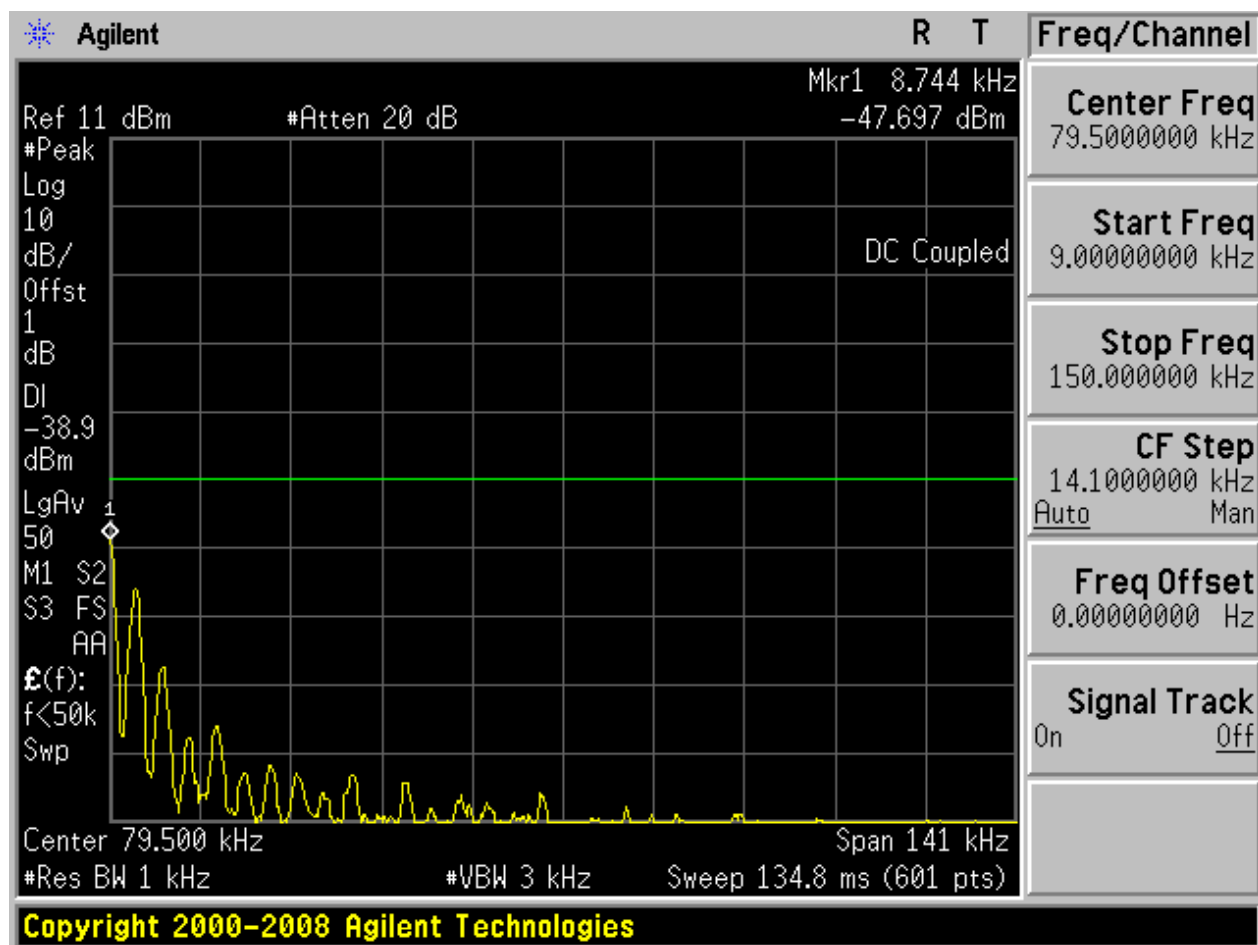
2.24 11N20m_H@Ant 2

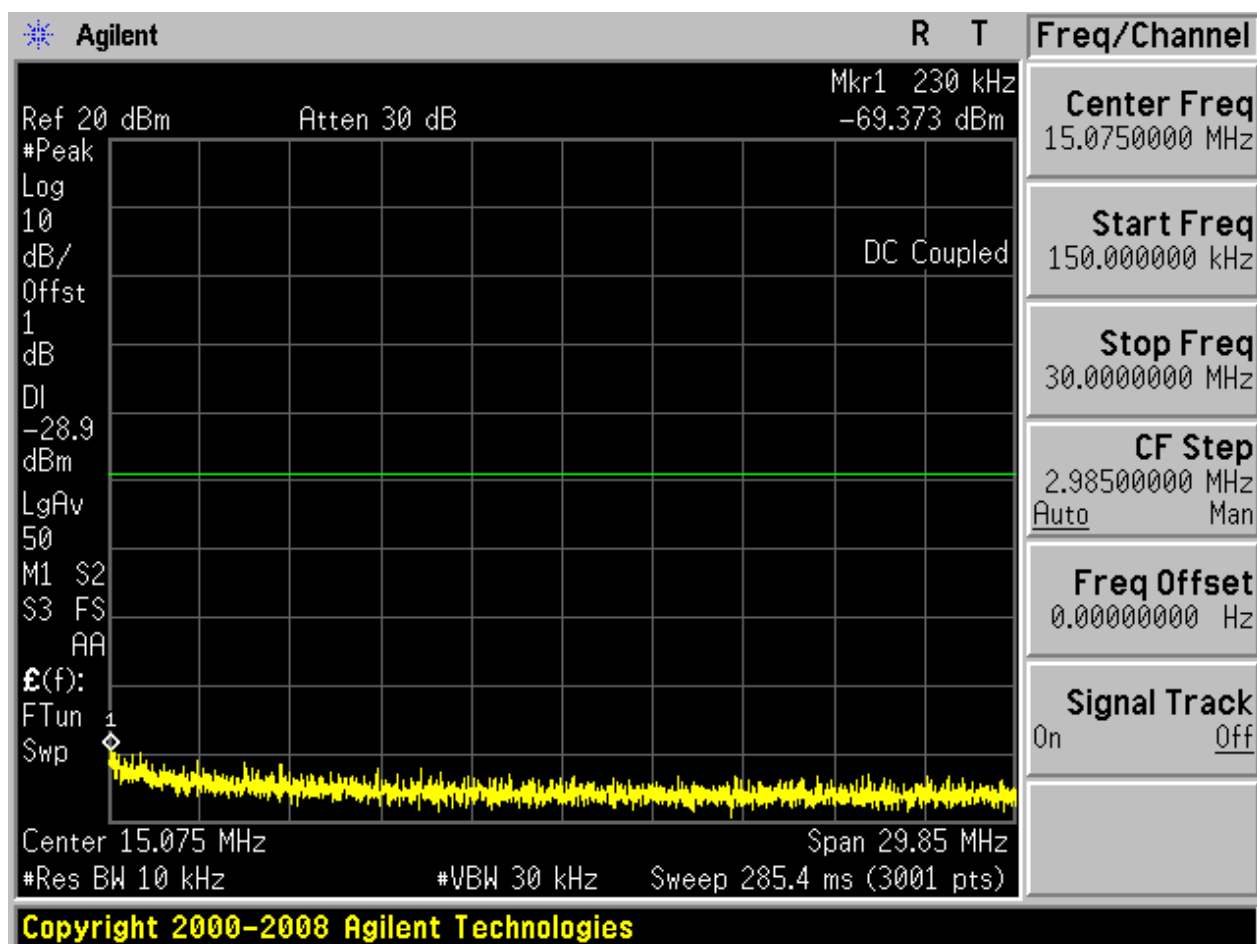
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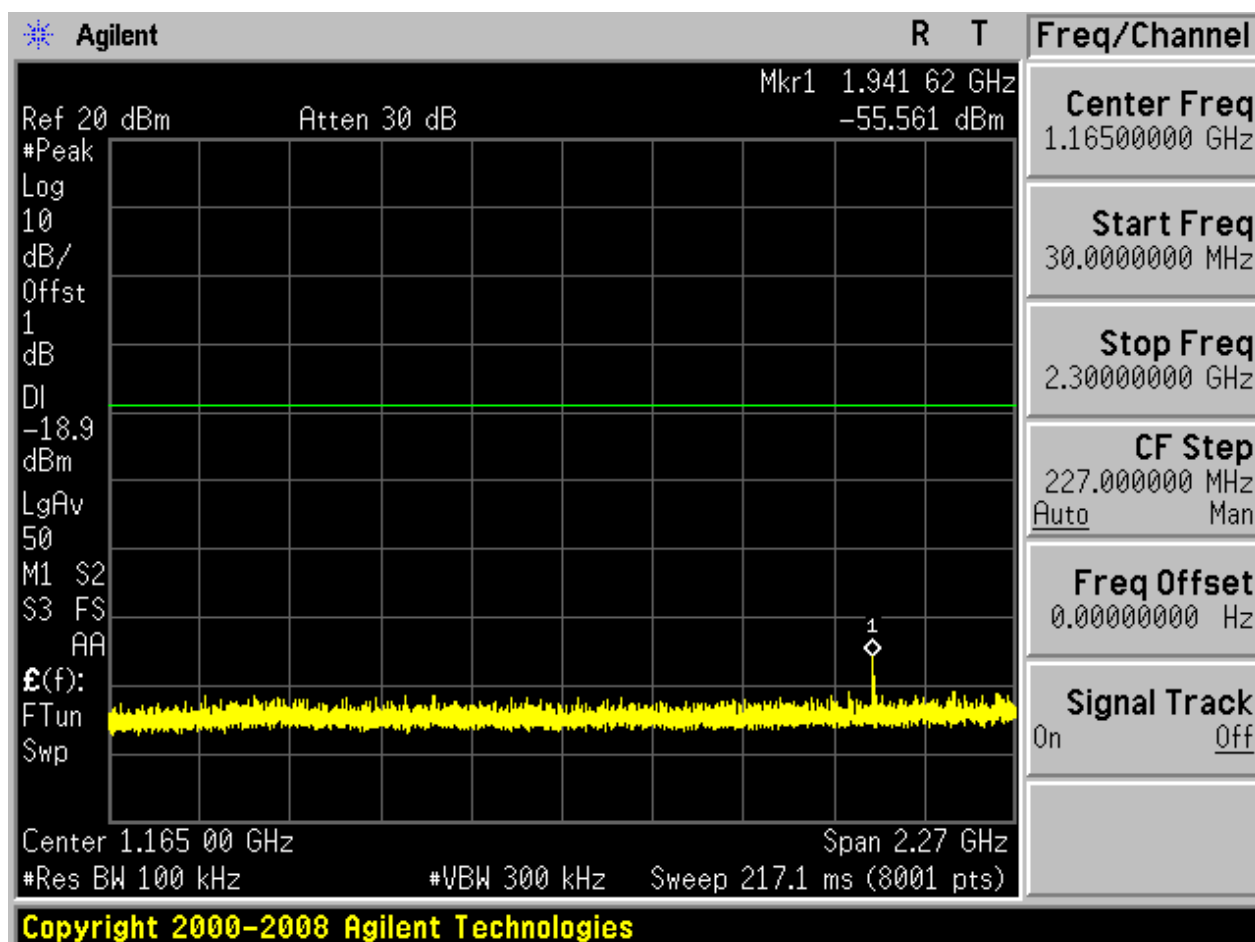


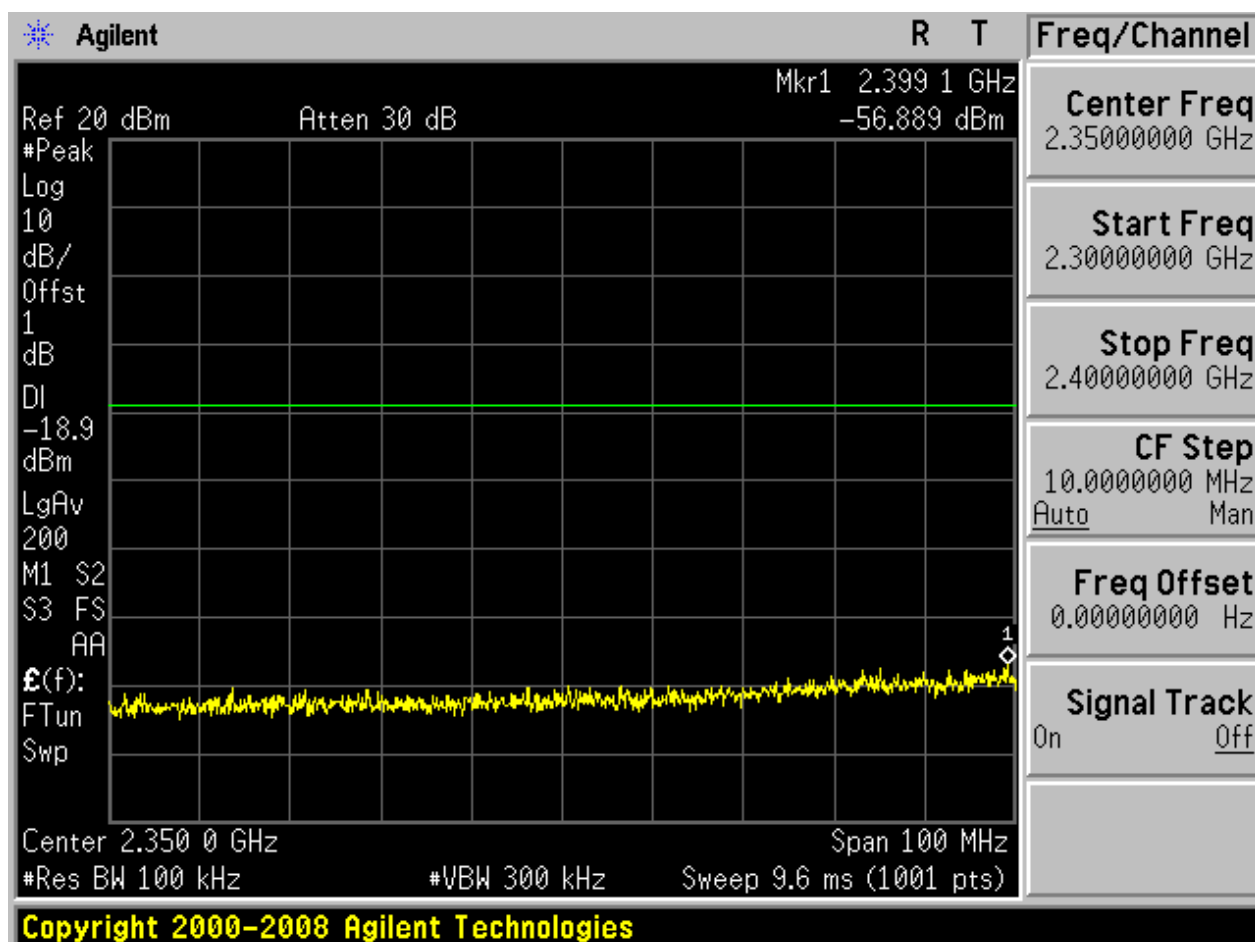


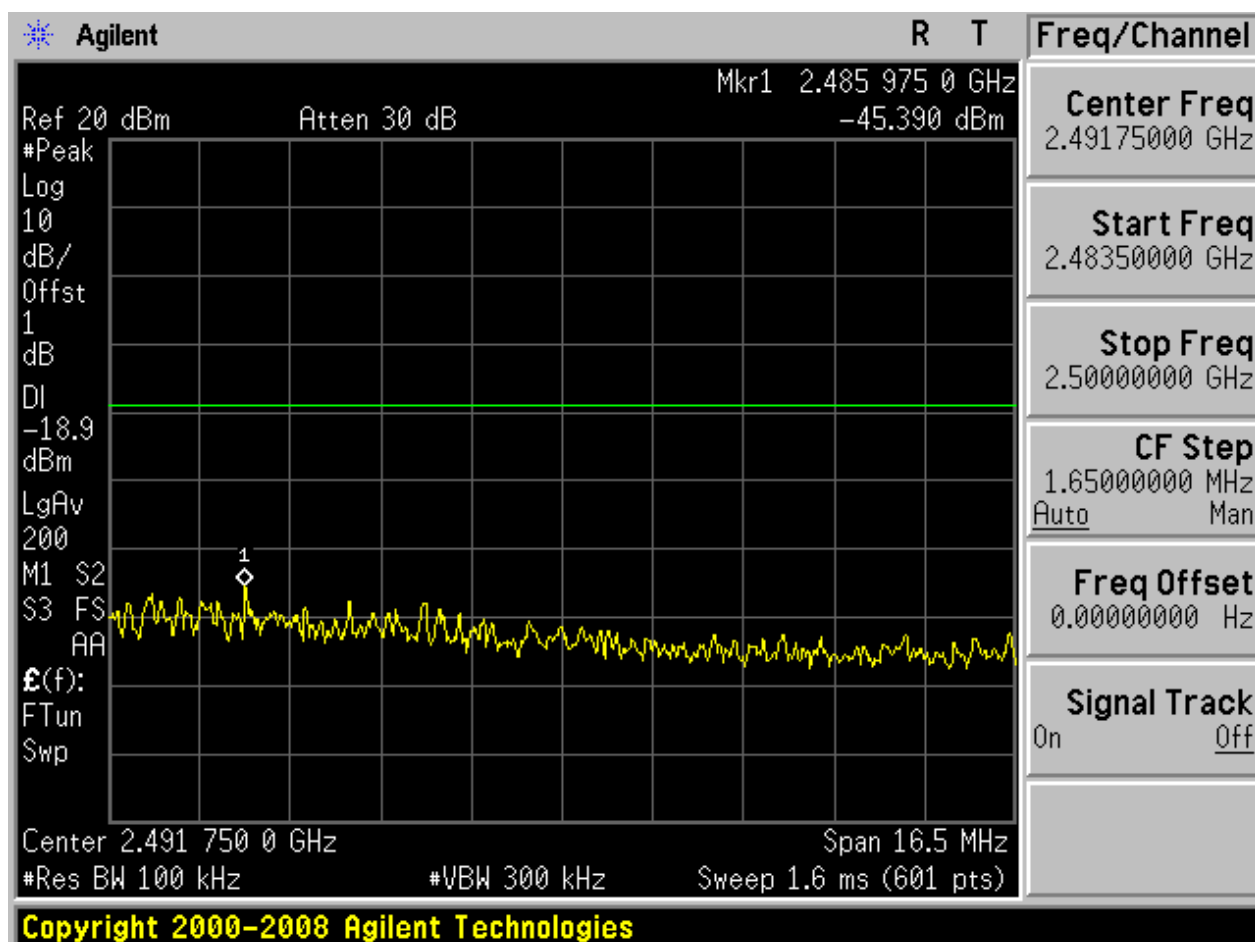
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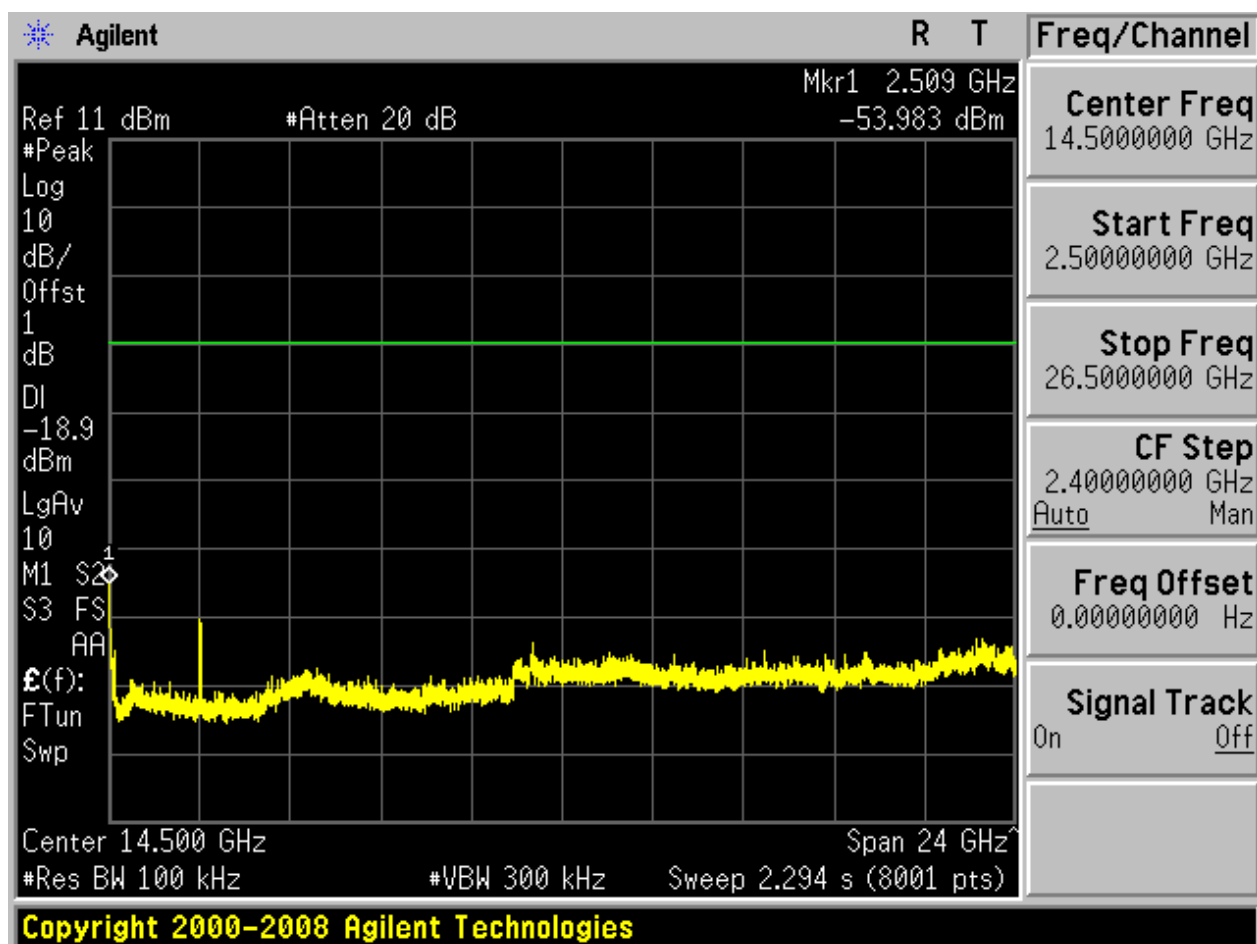






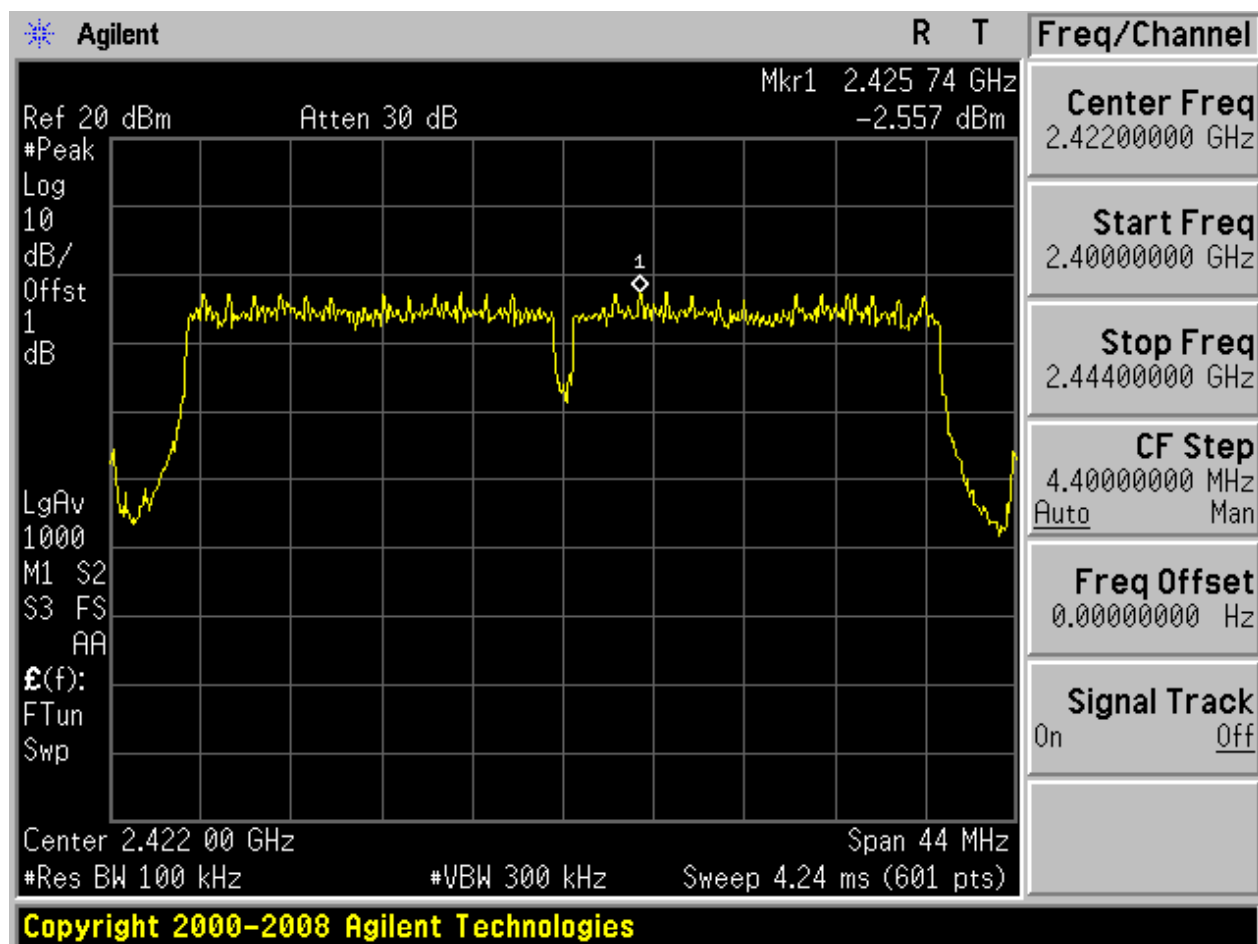




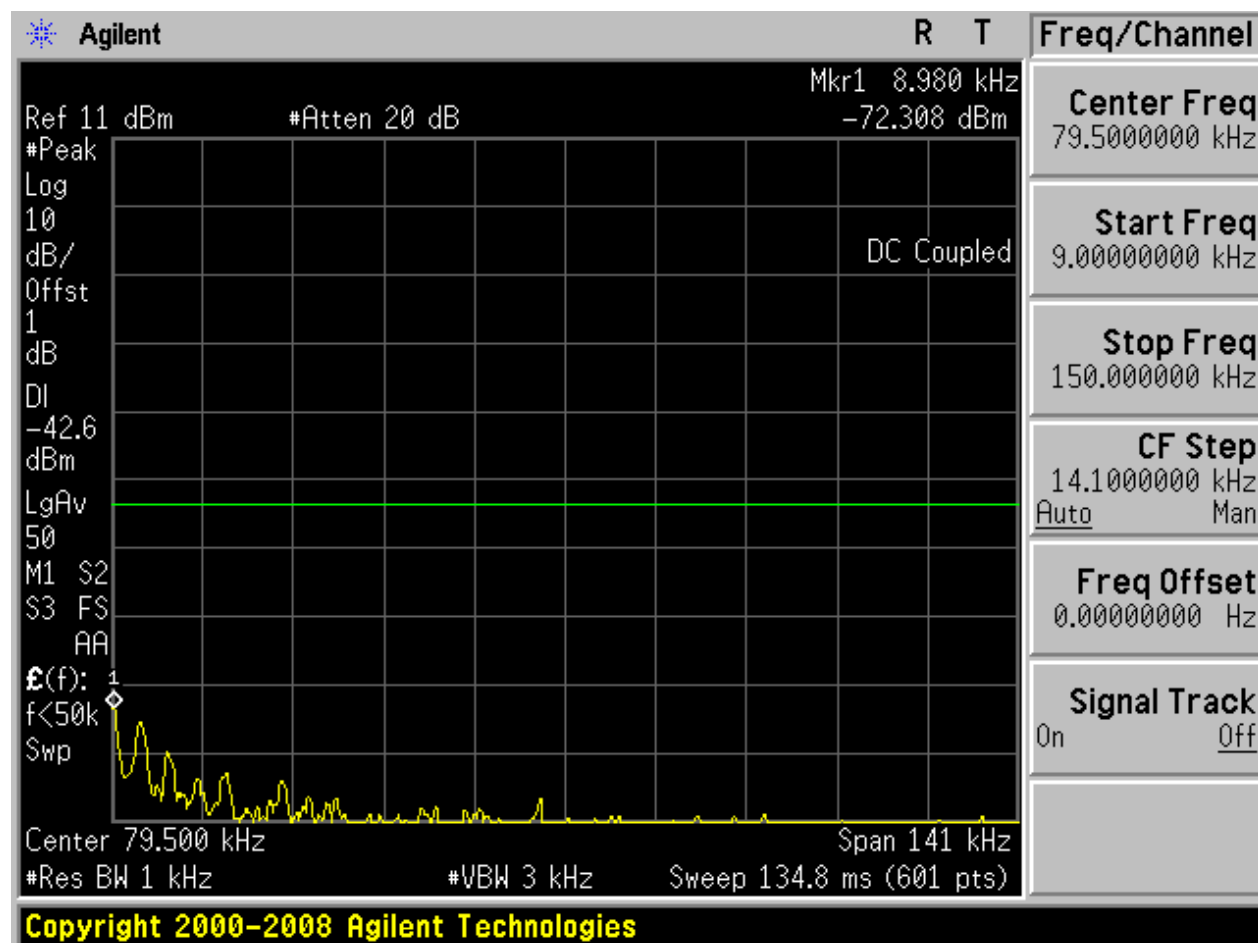


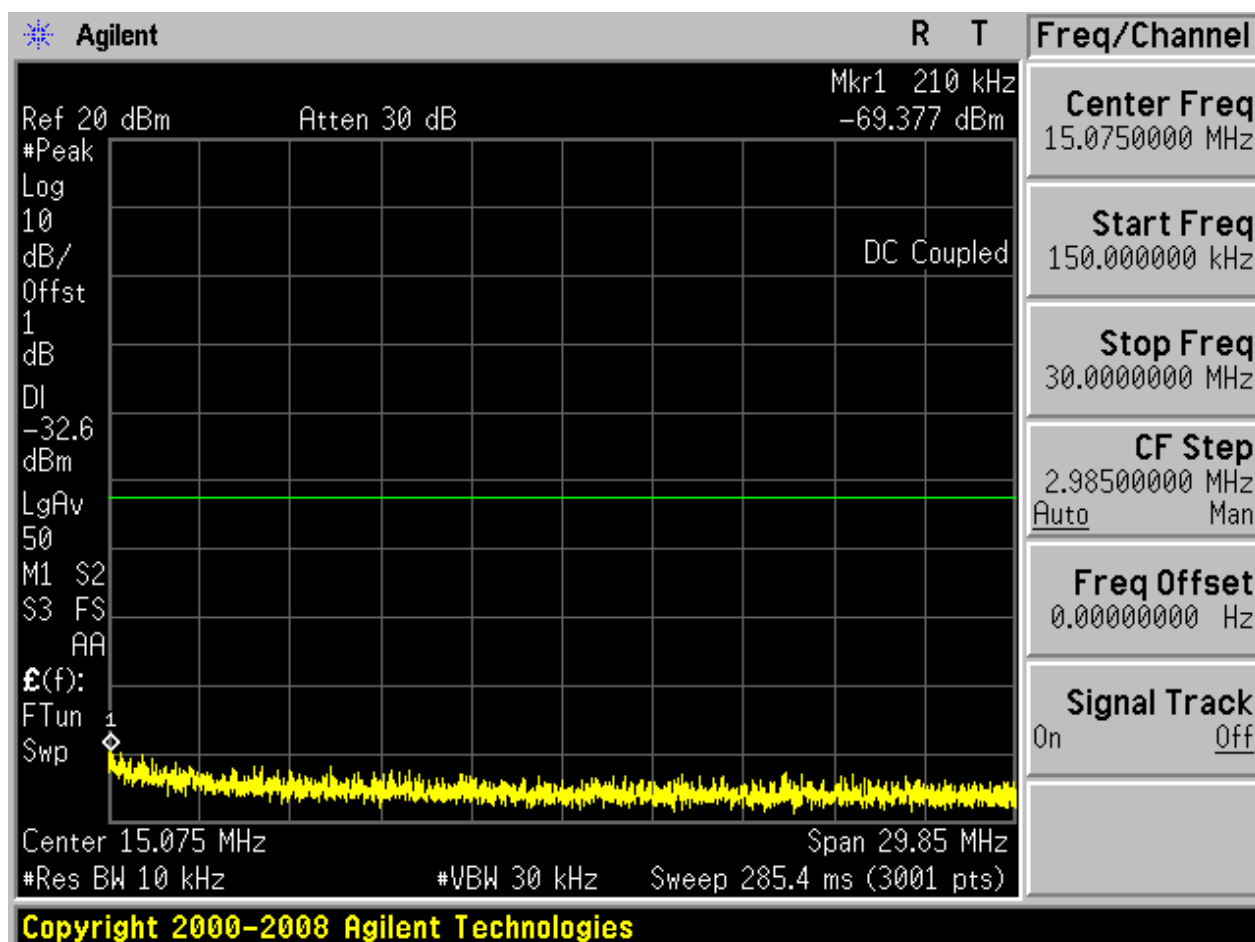
2.25 11N40_L@Ant 1

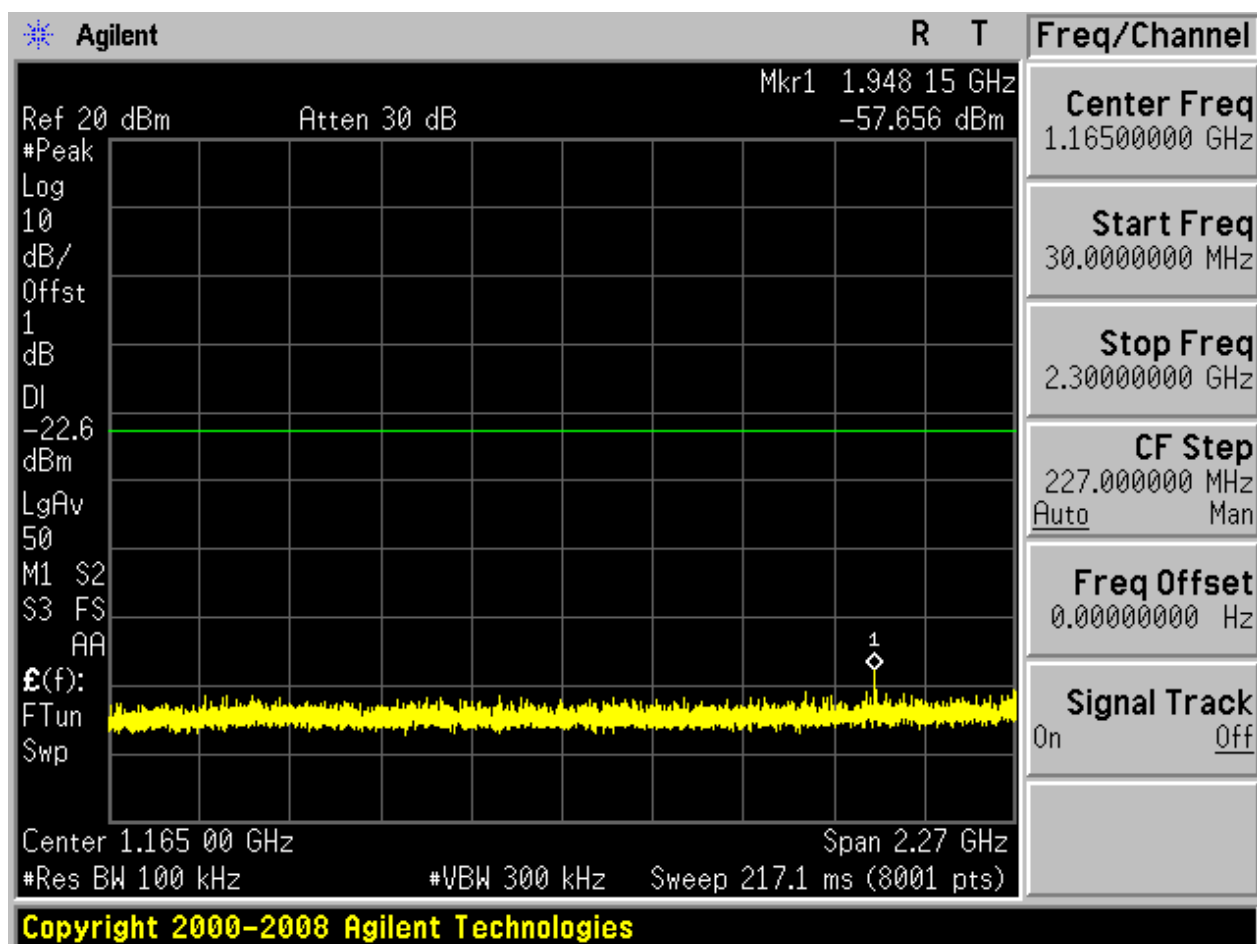
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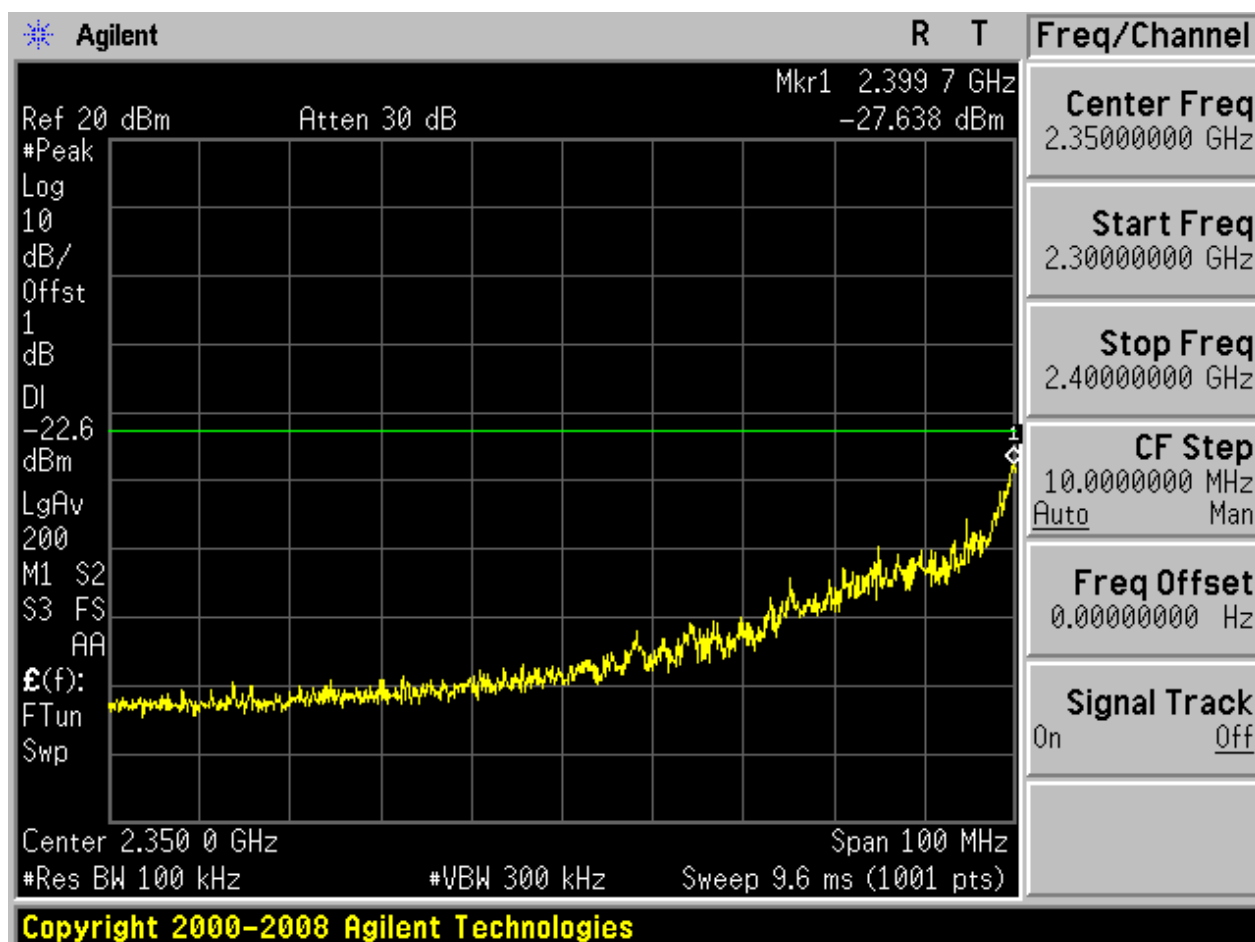


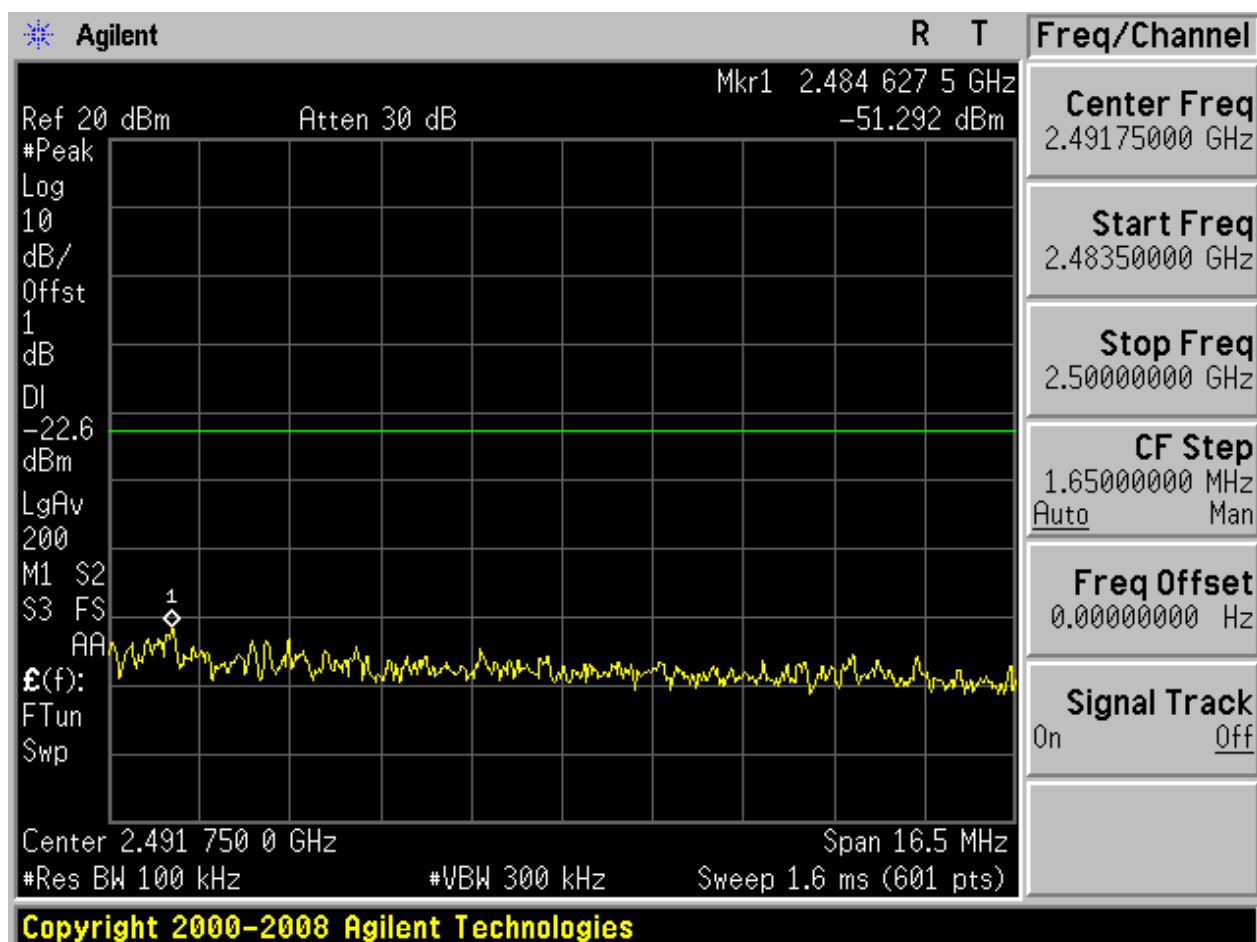
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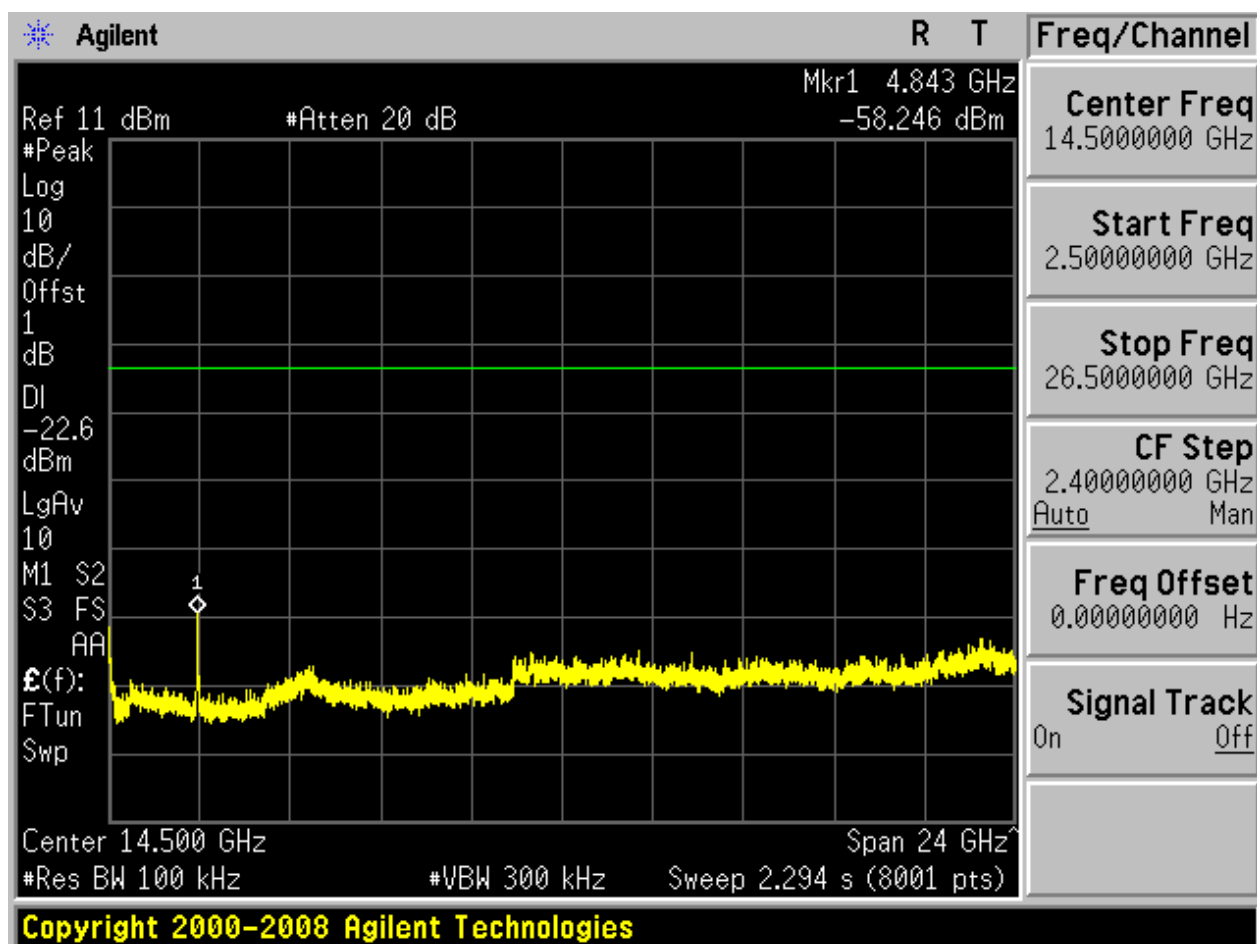






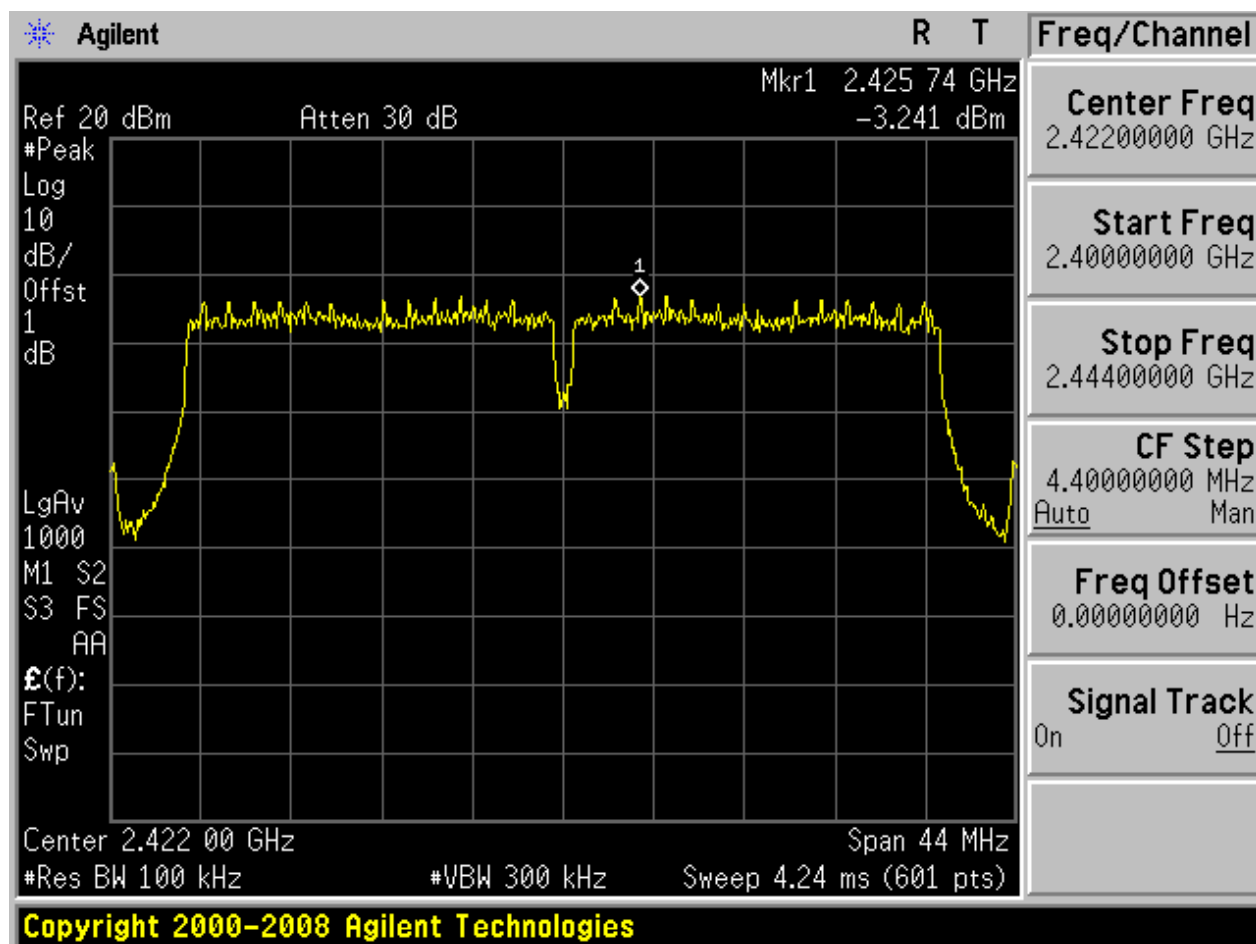




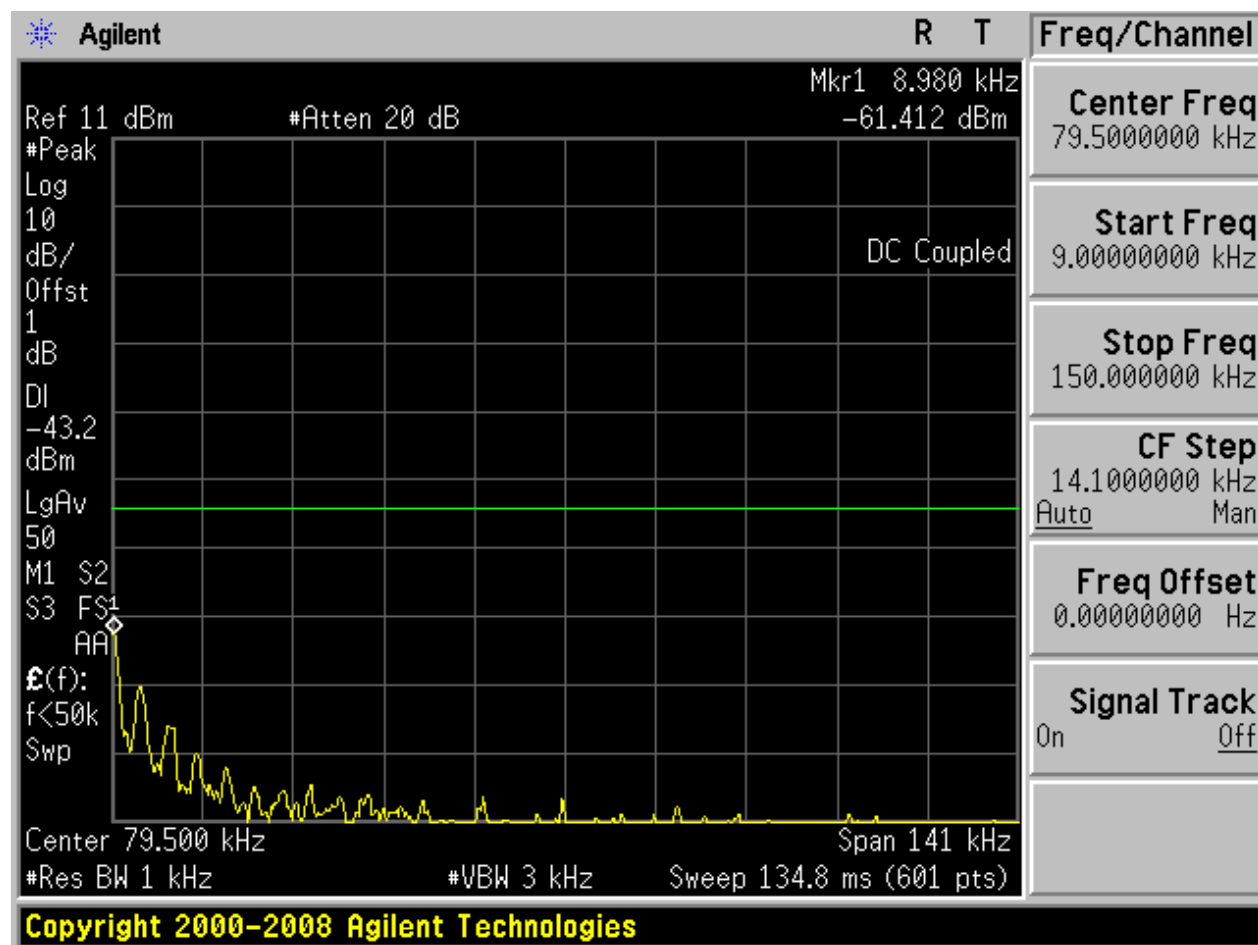


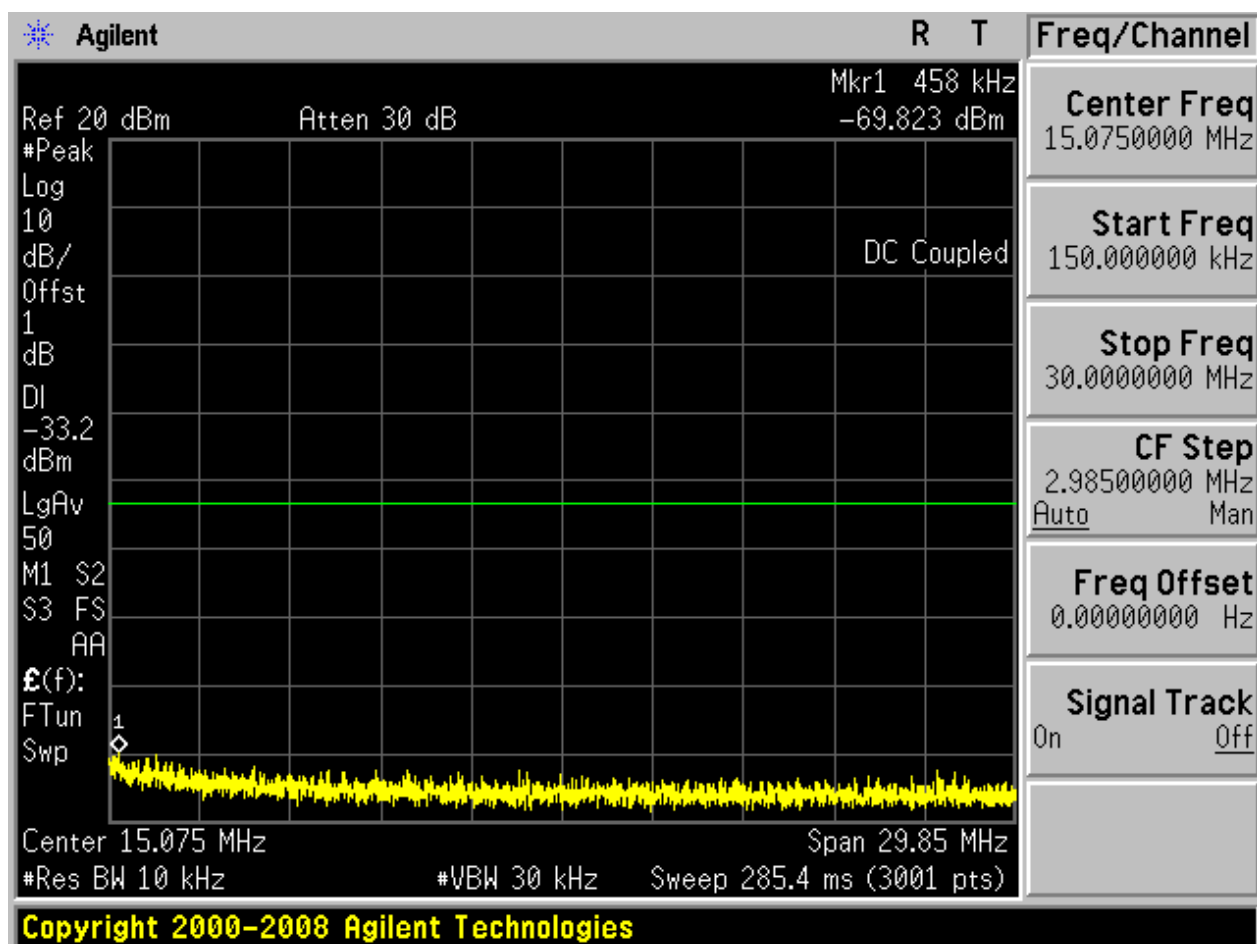
2.26 11N40_L@Ant 2

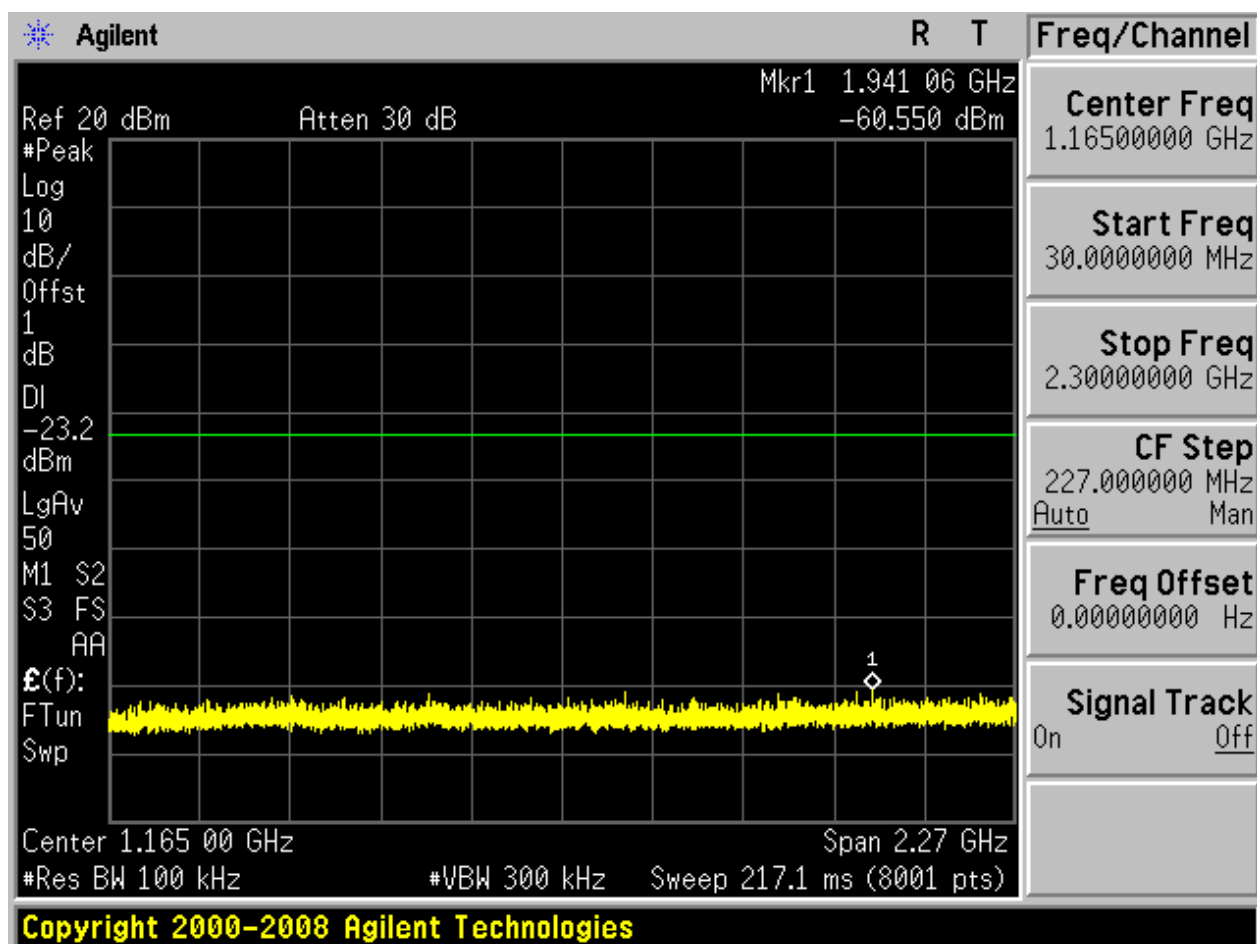
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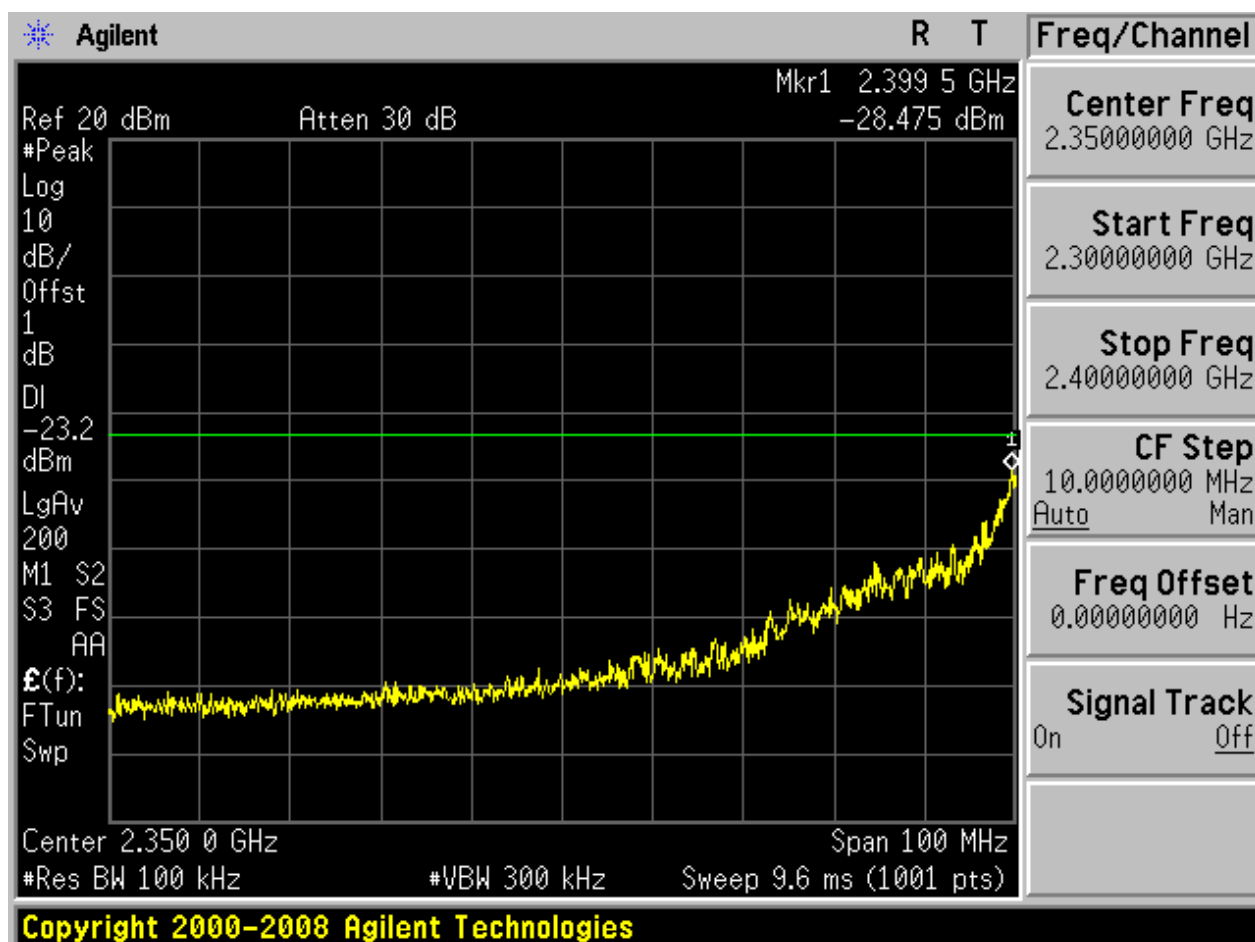


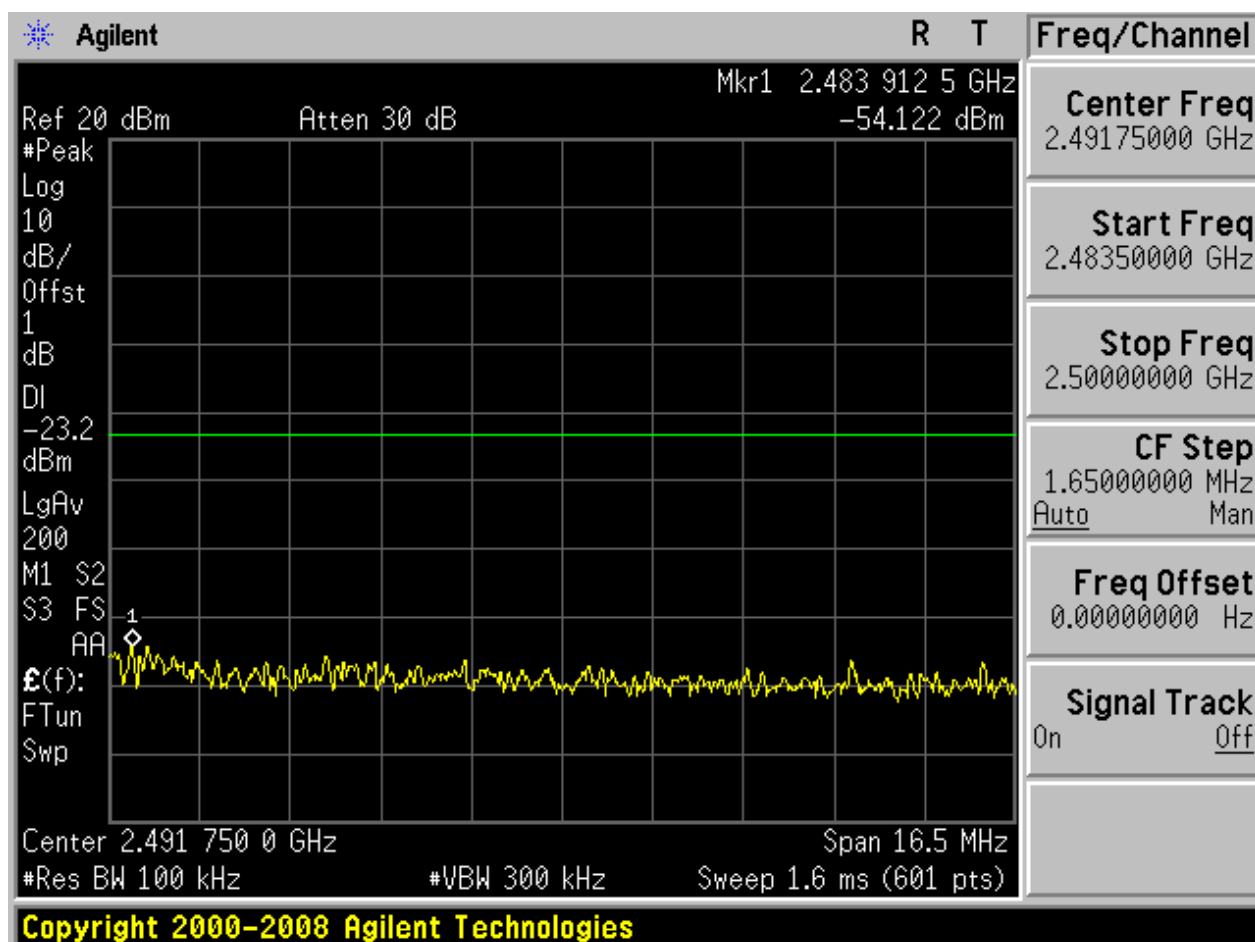
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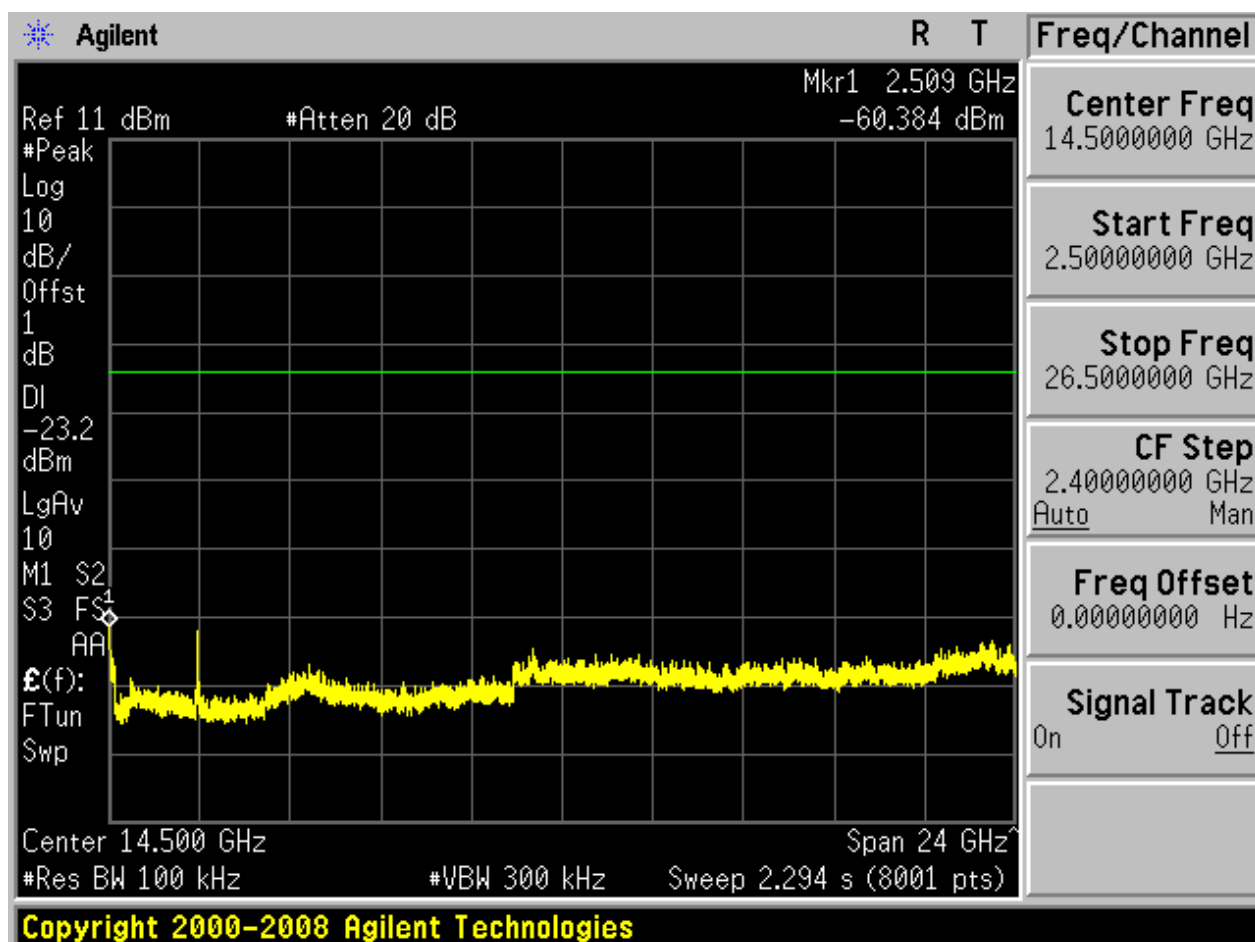






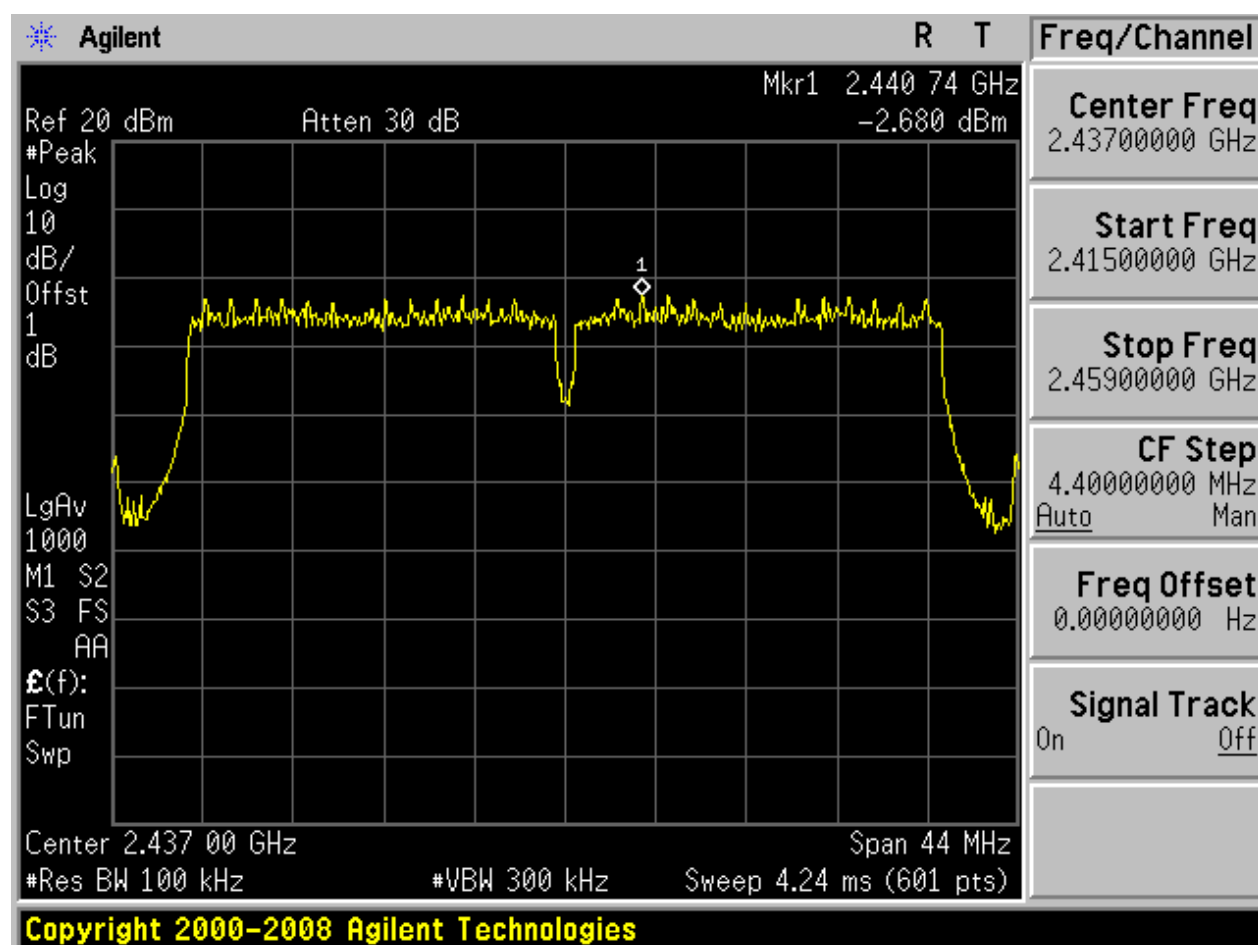




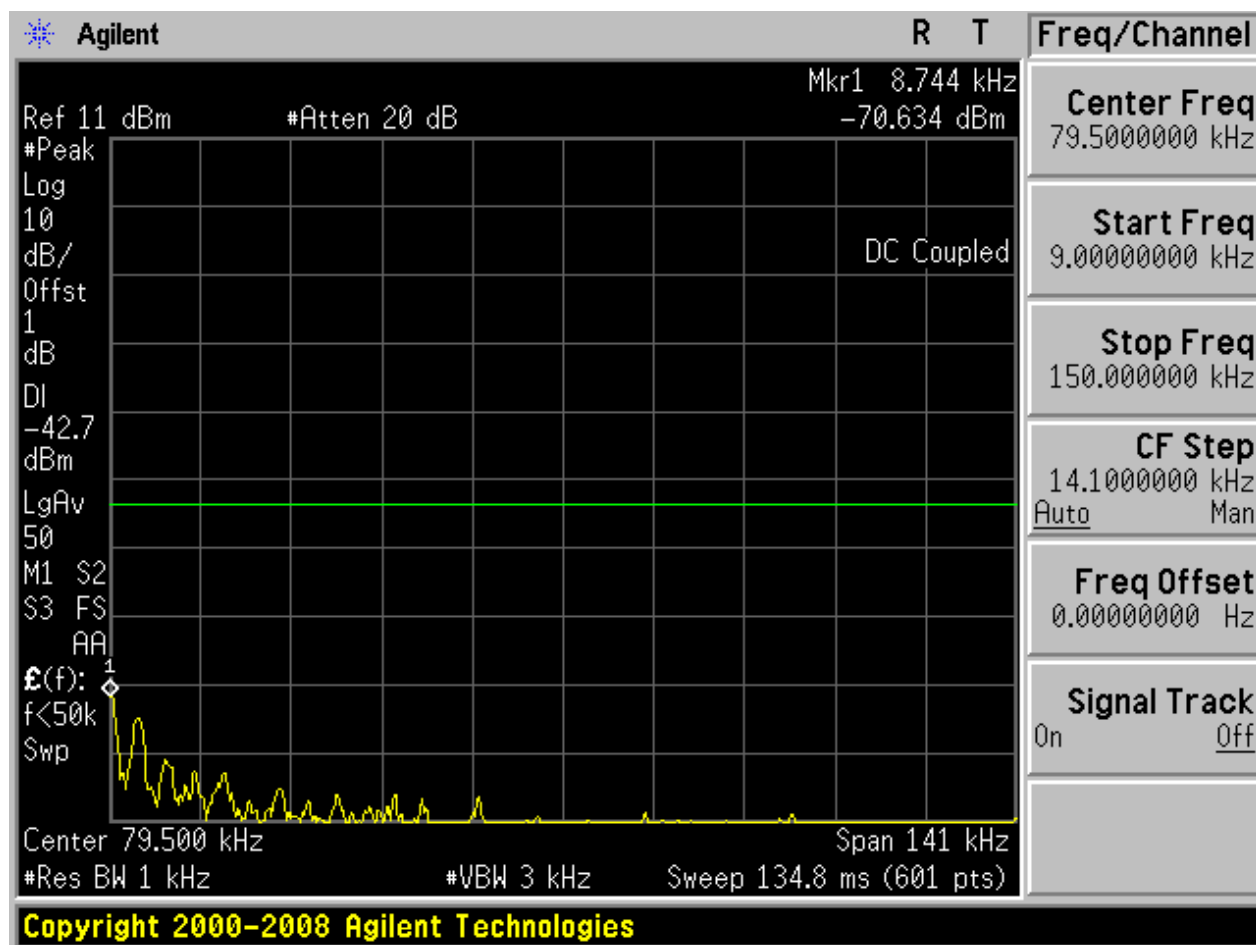


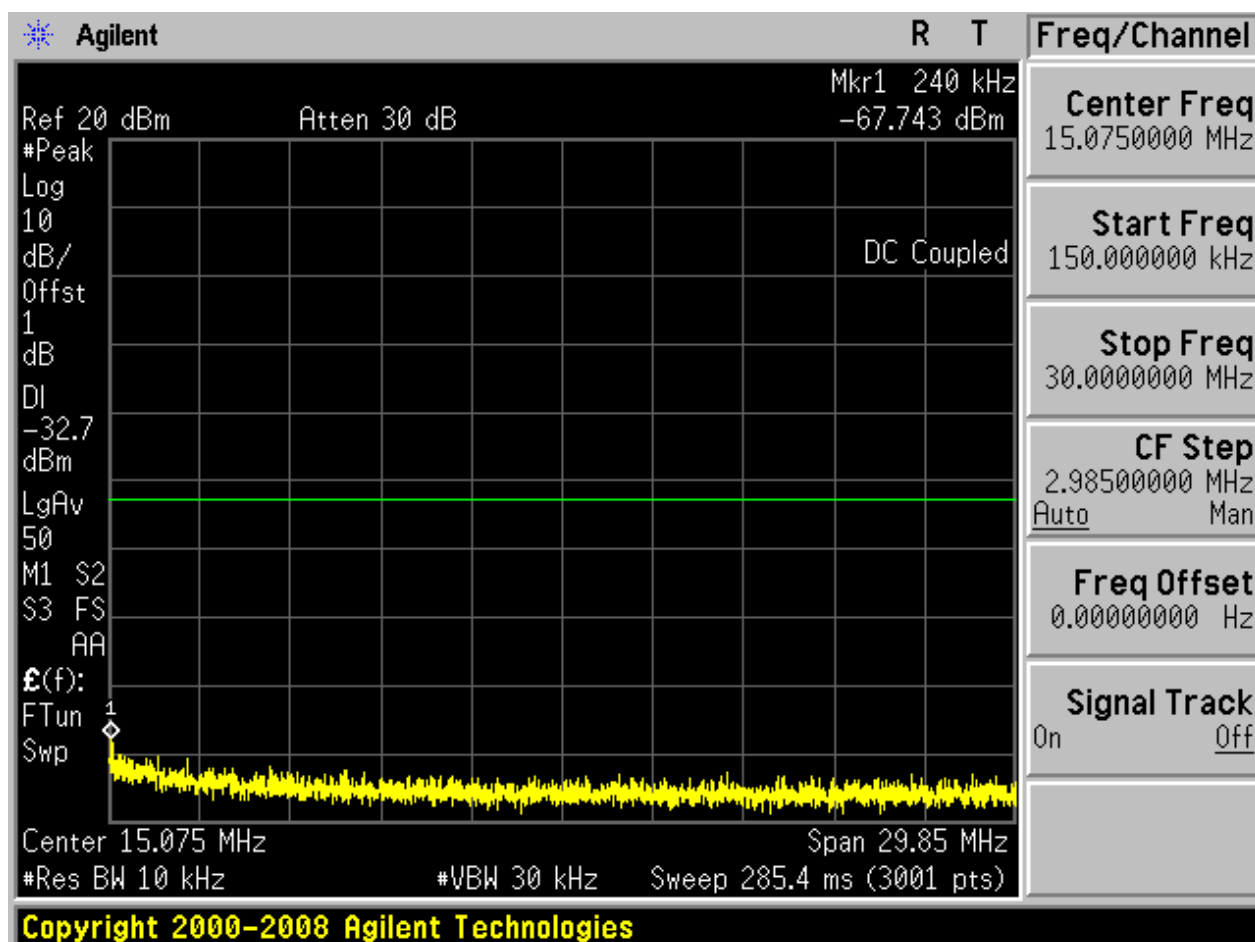
2.27 11N40_M@Ant 1

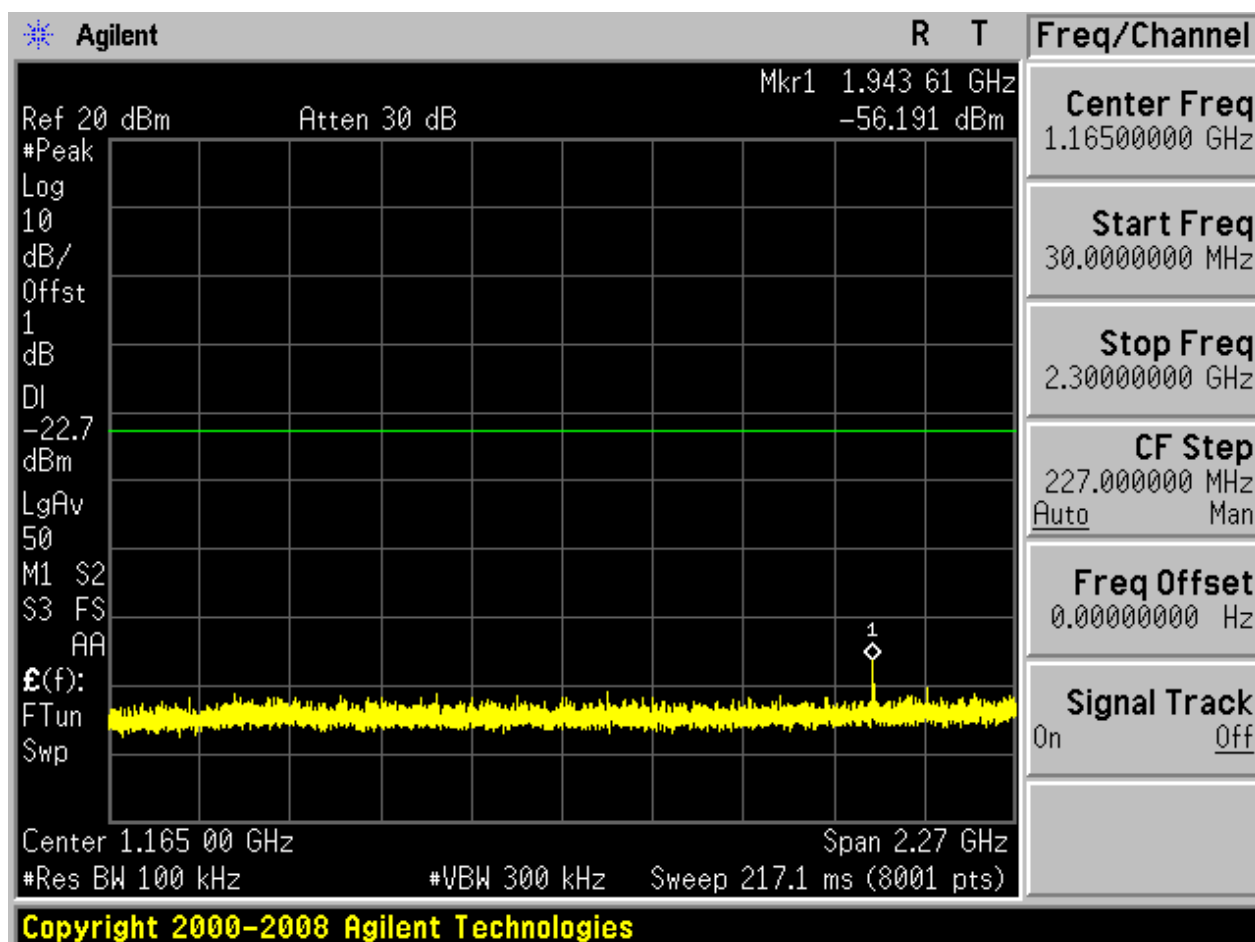
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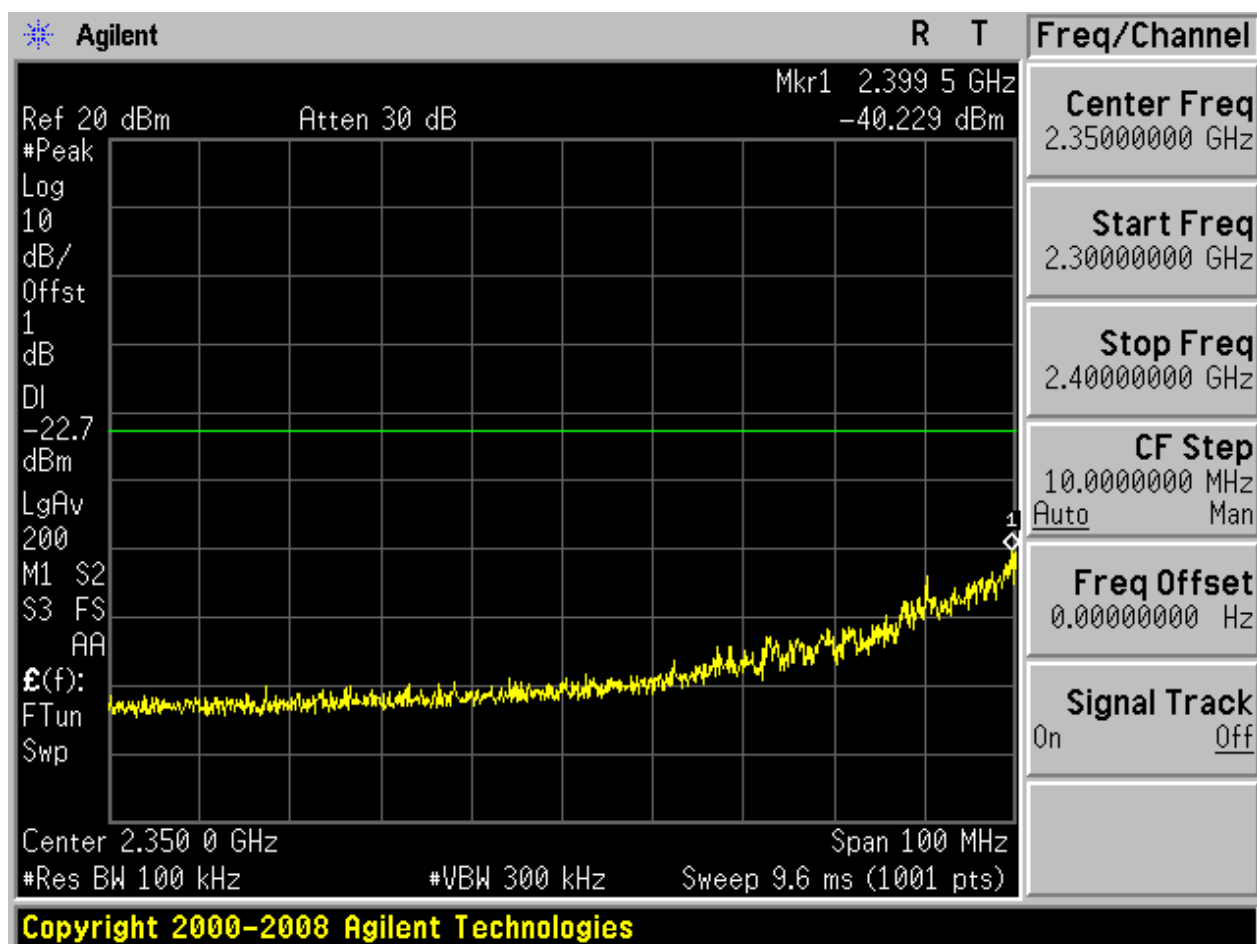


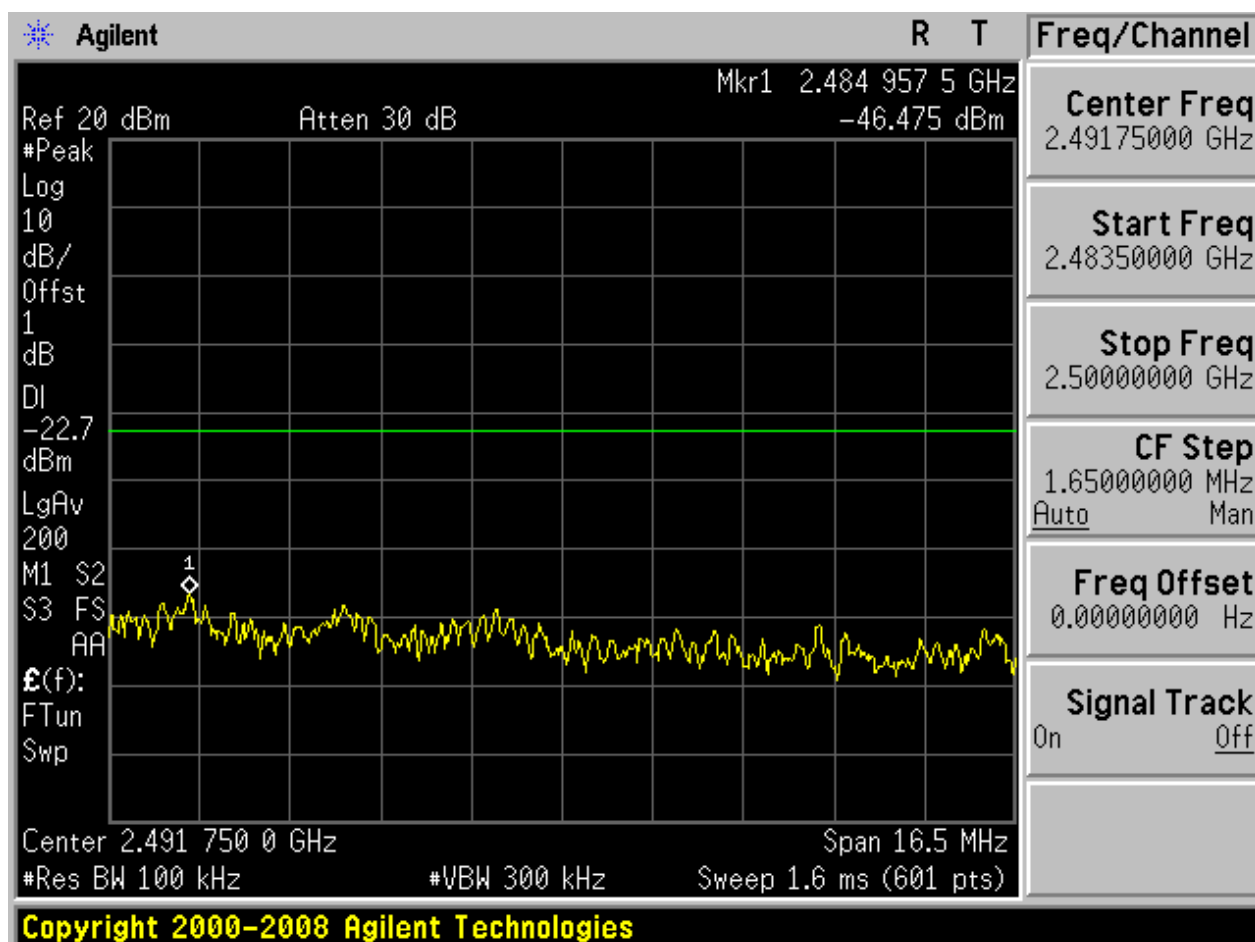
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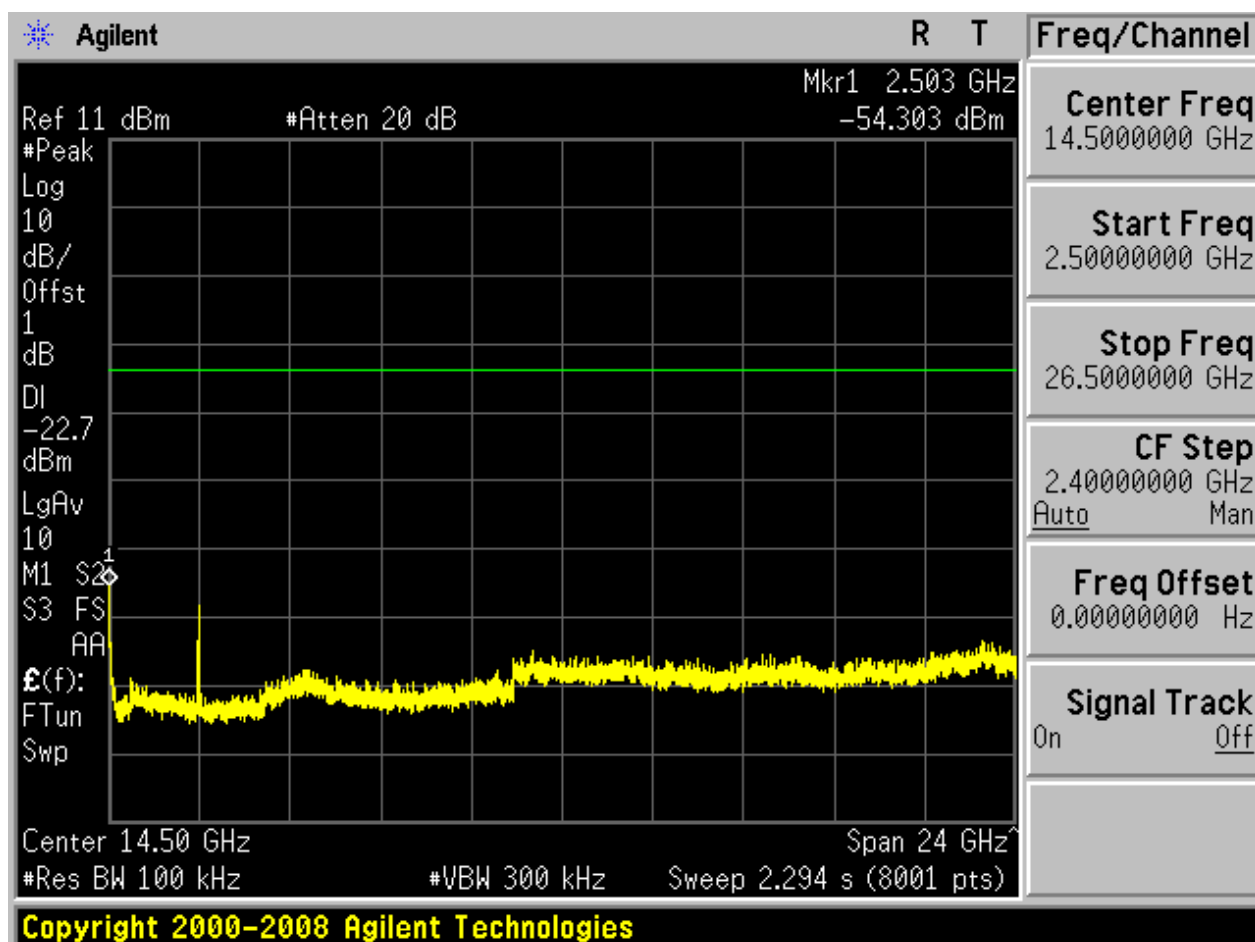






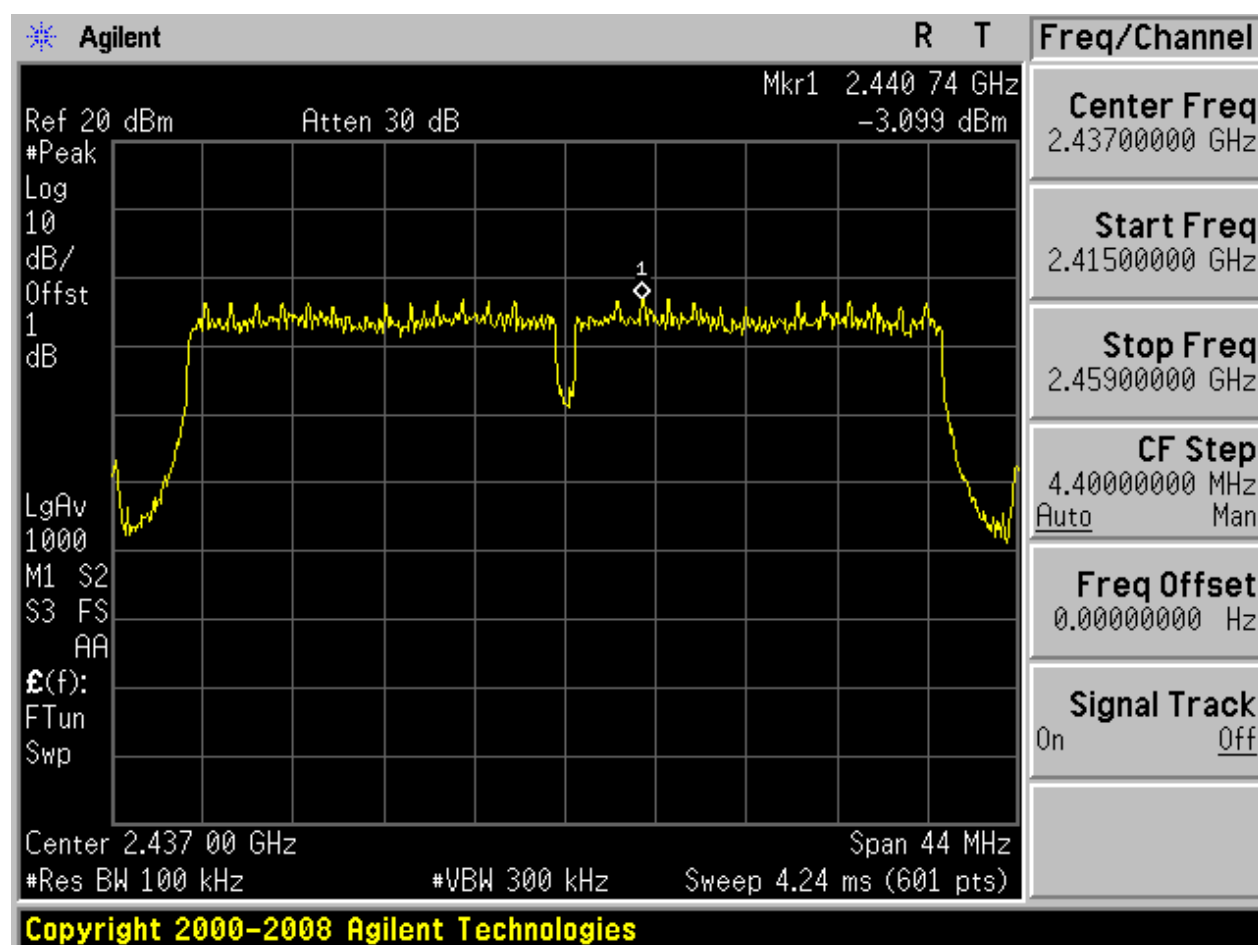




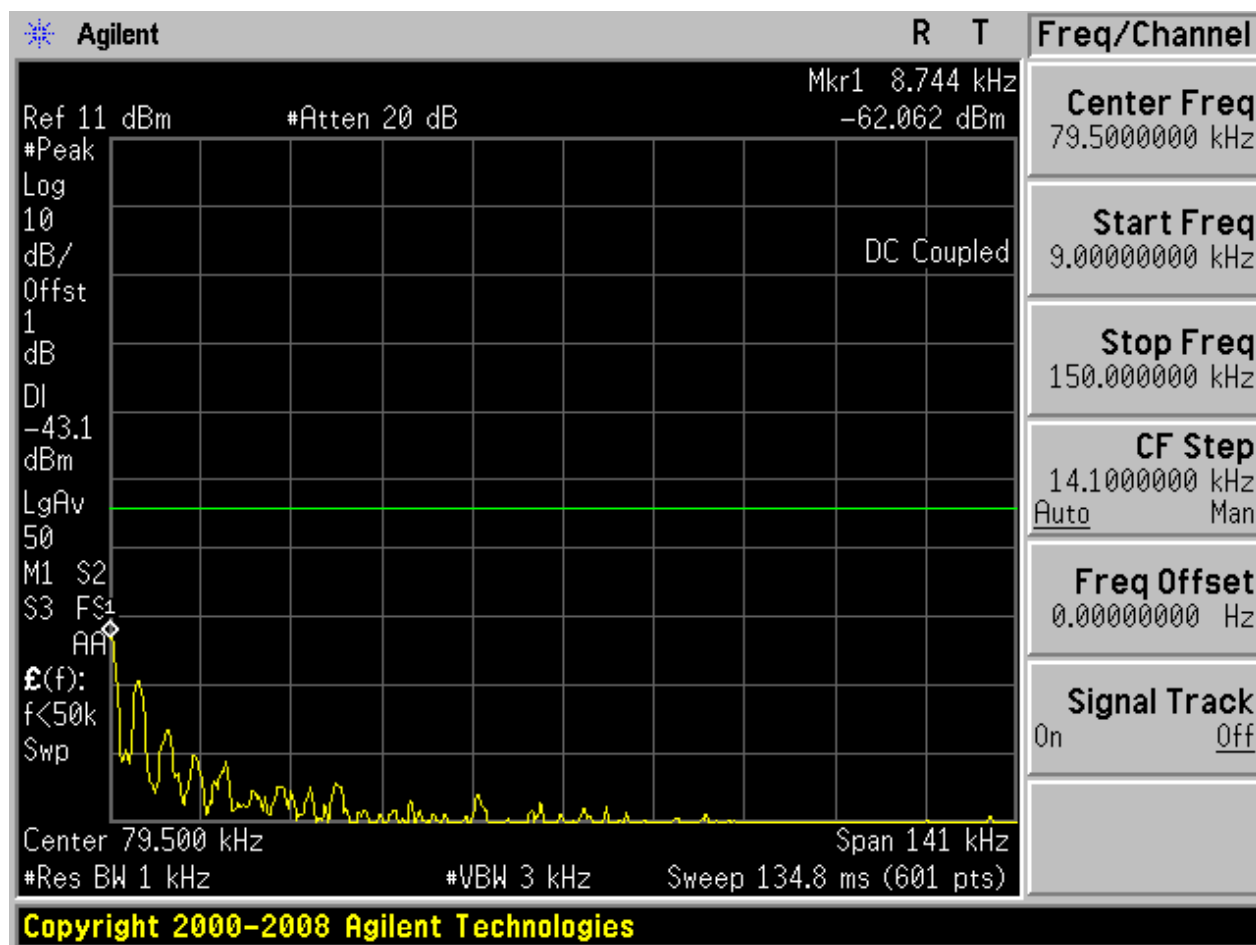


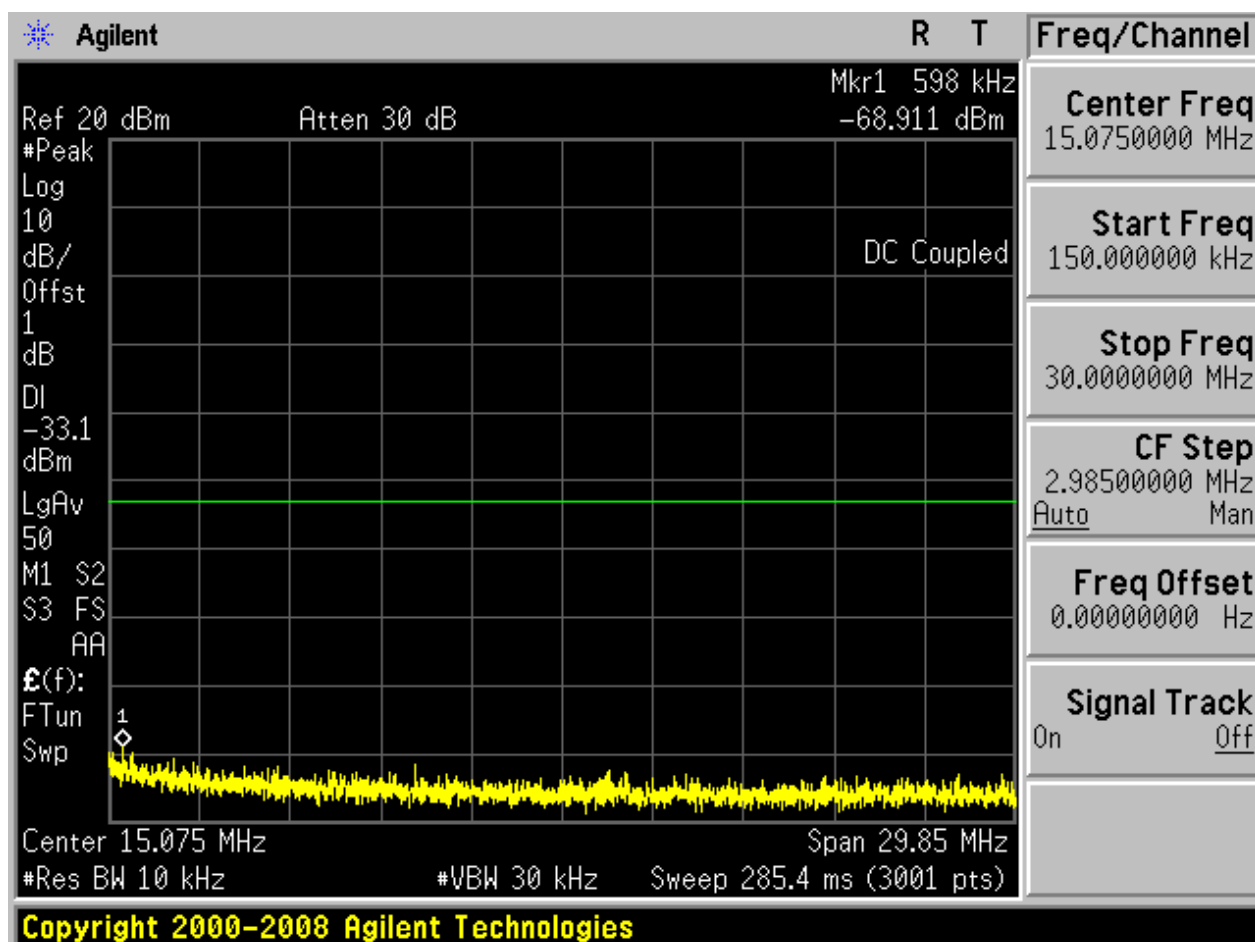
2.28 11N40_M@Ant 2

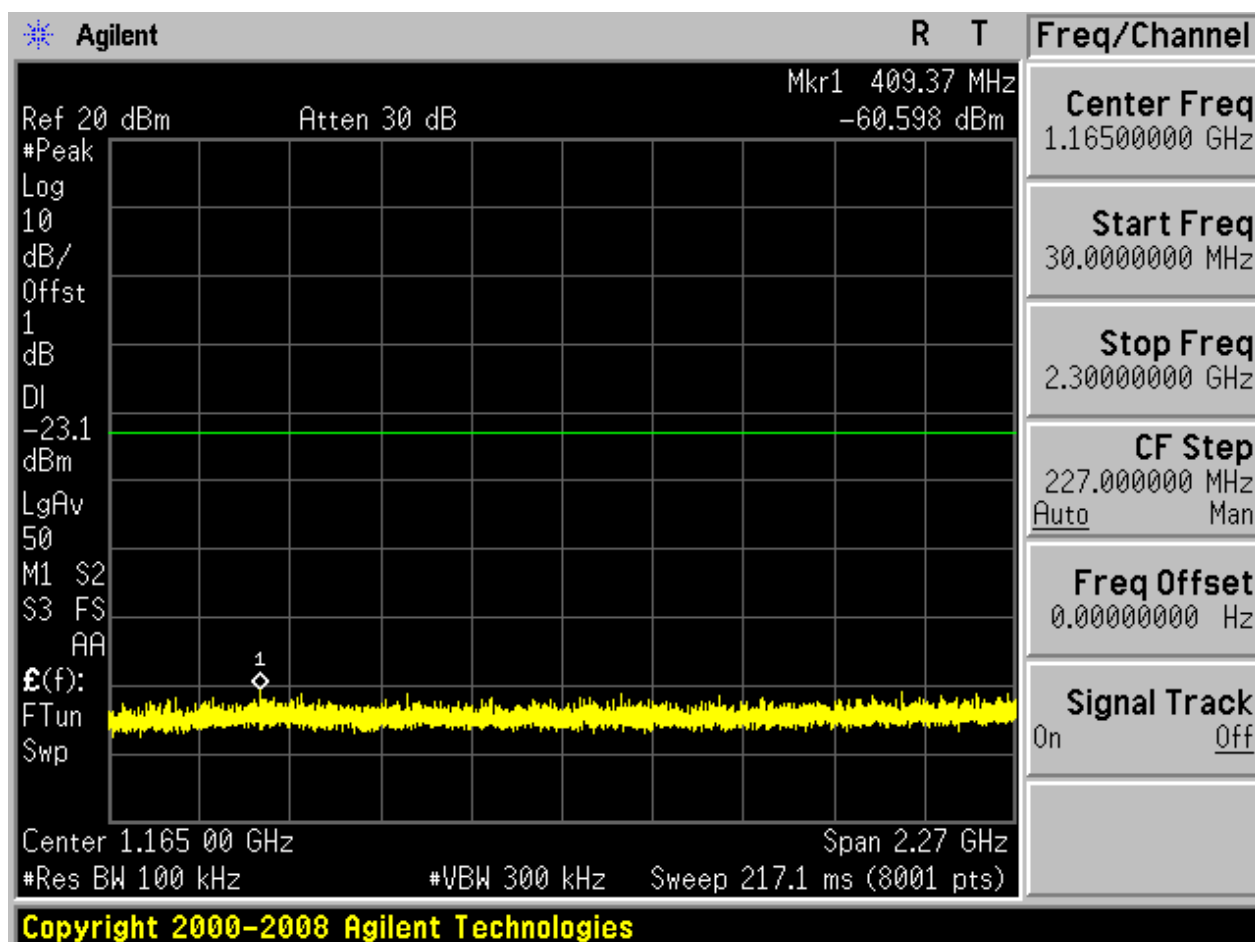
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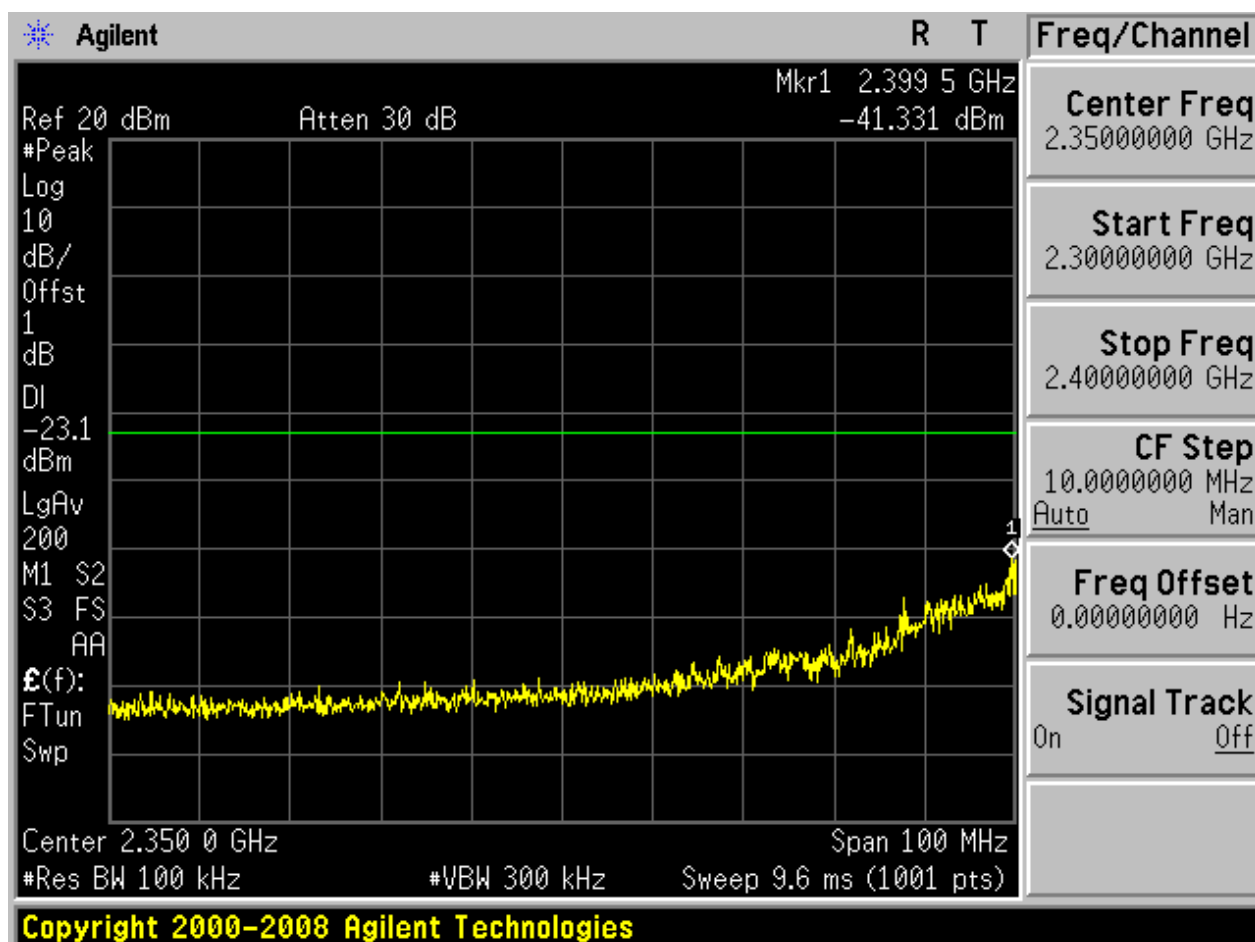


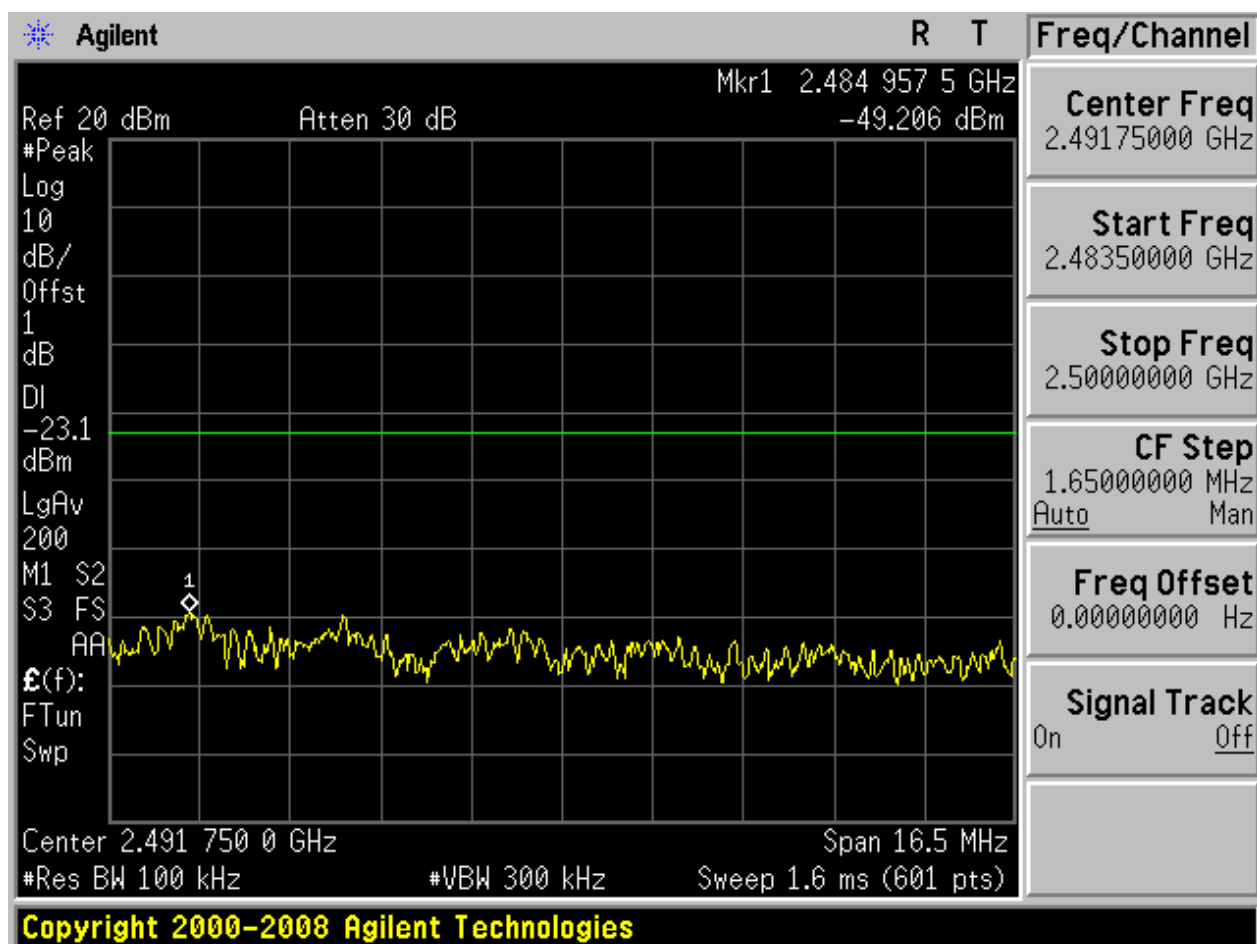
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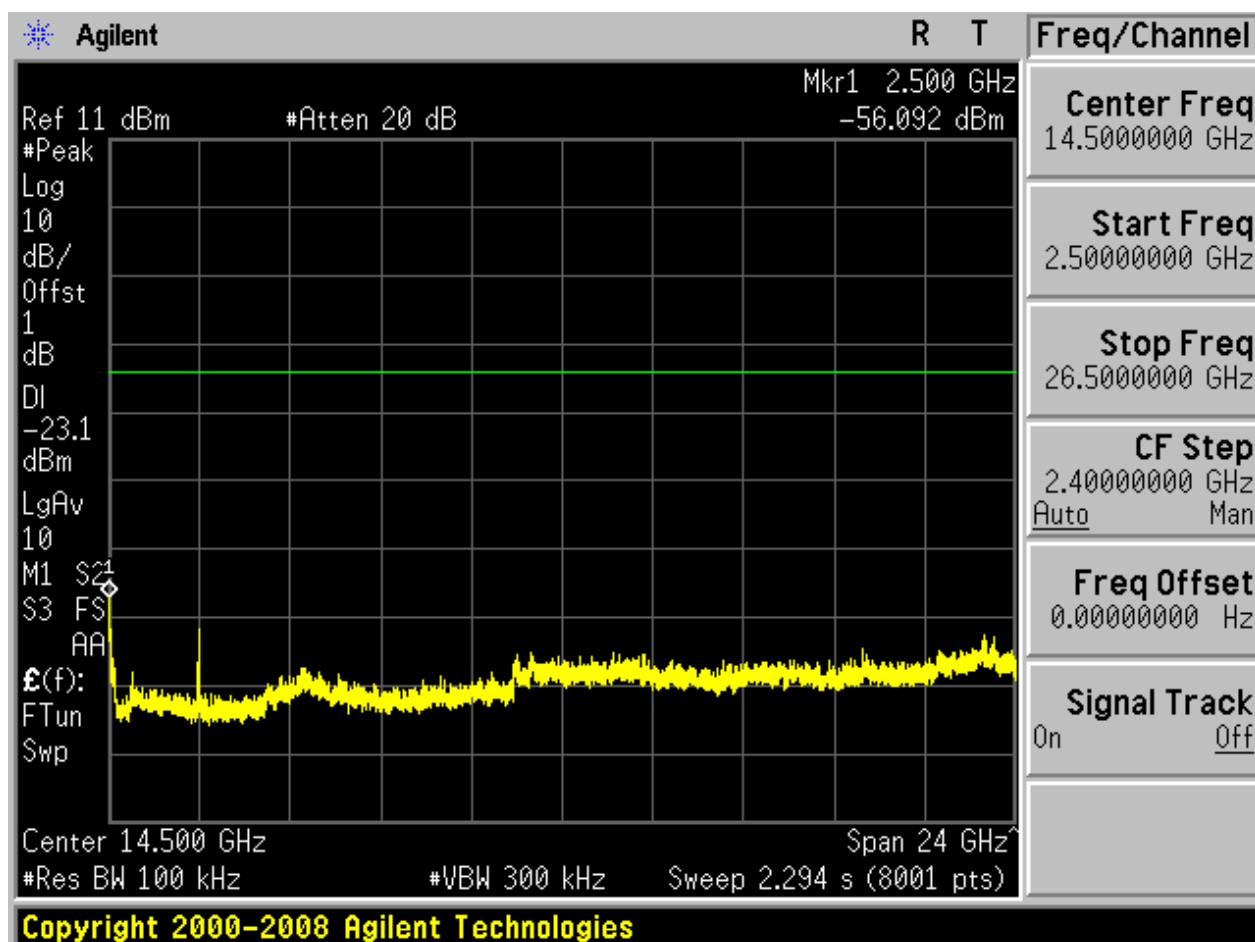






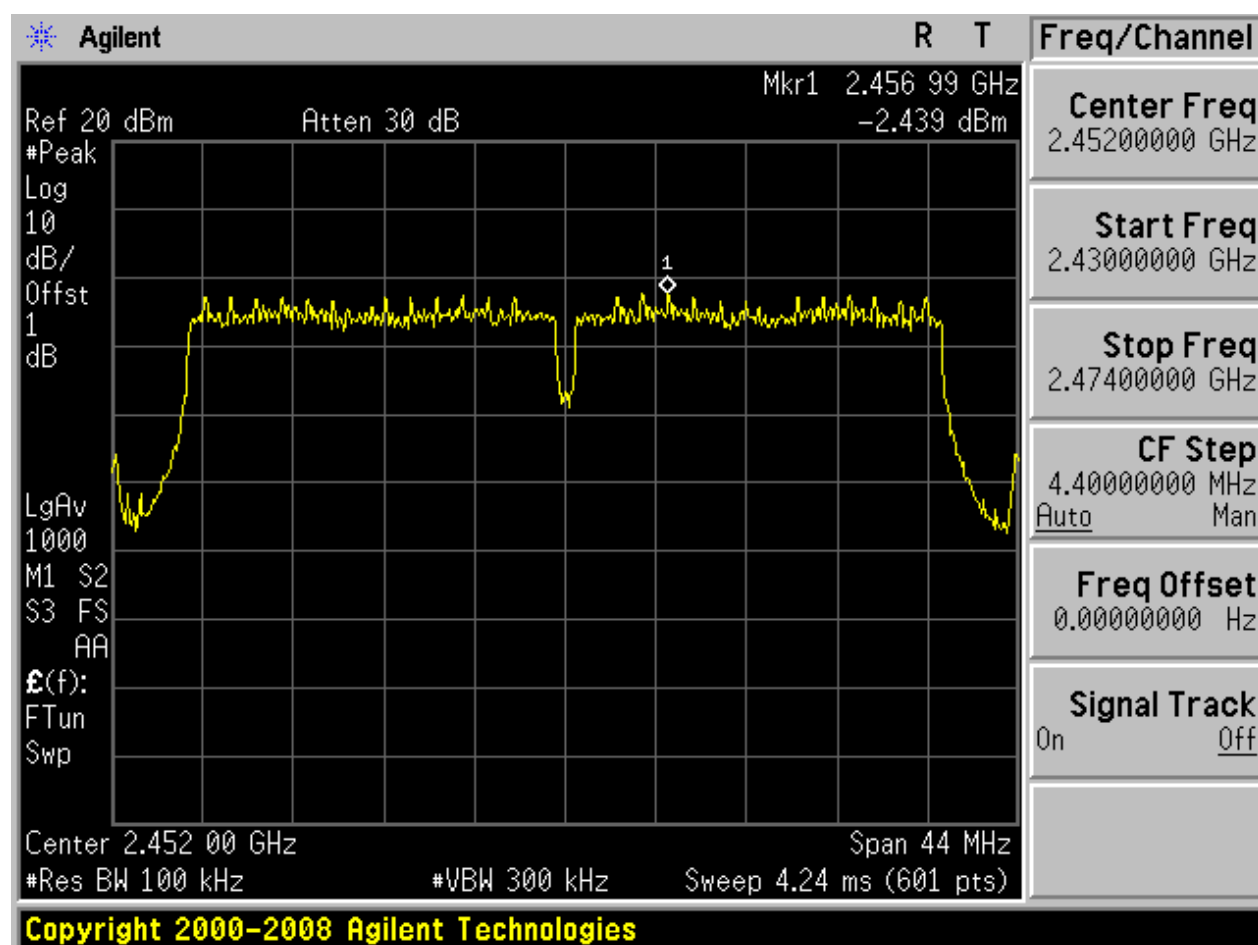




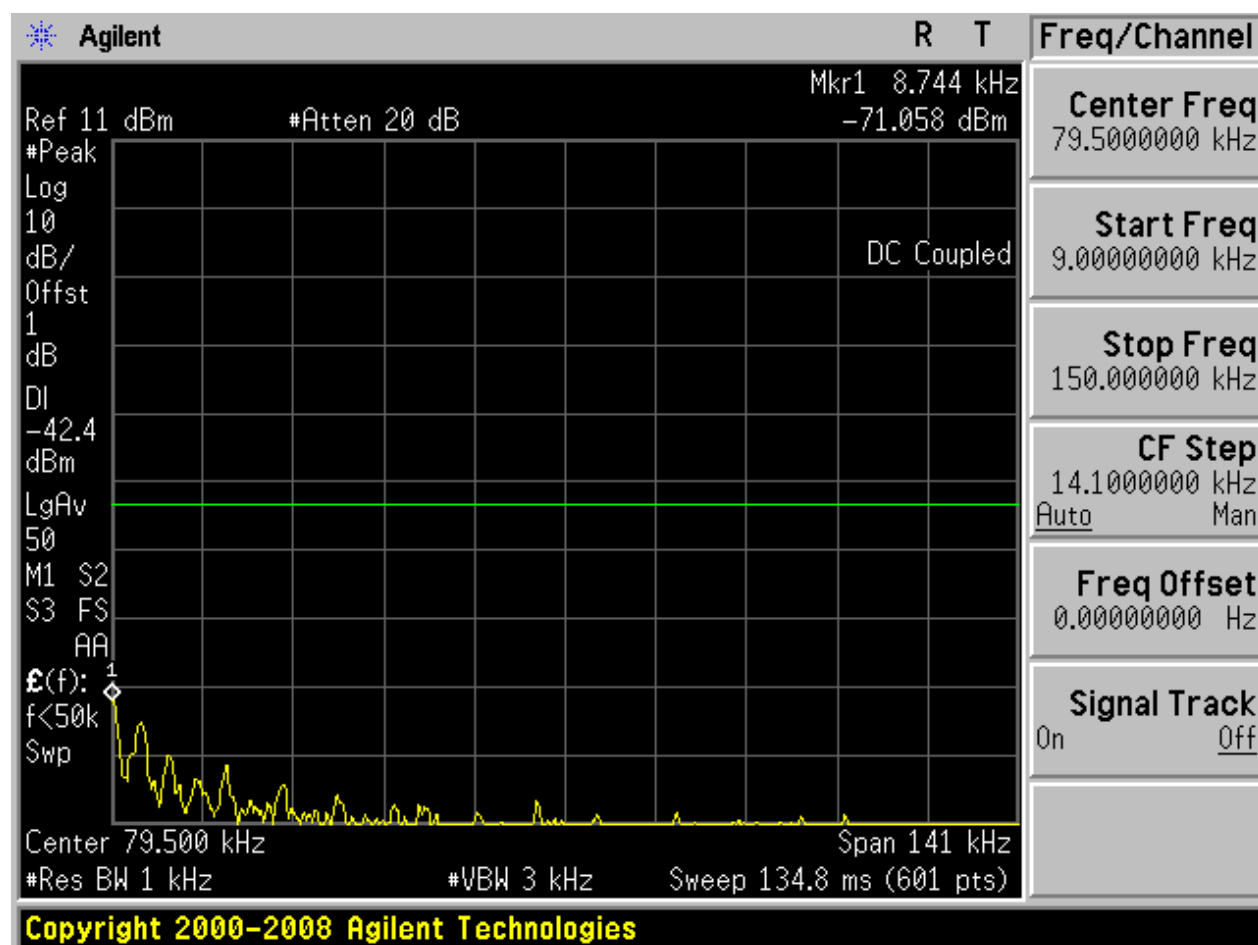


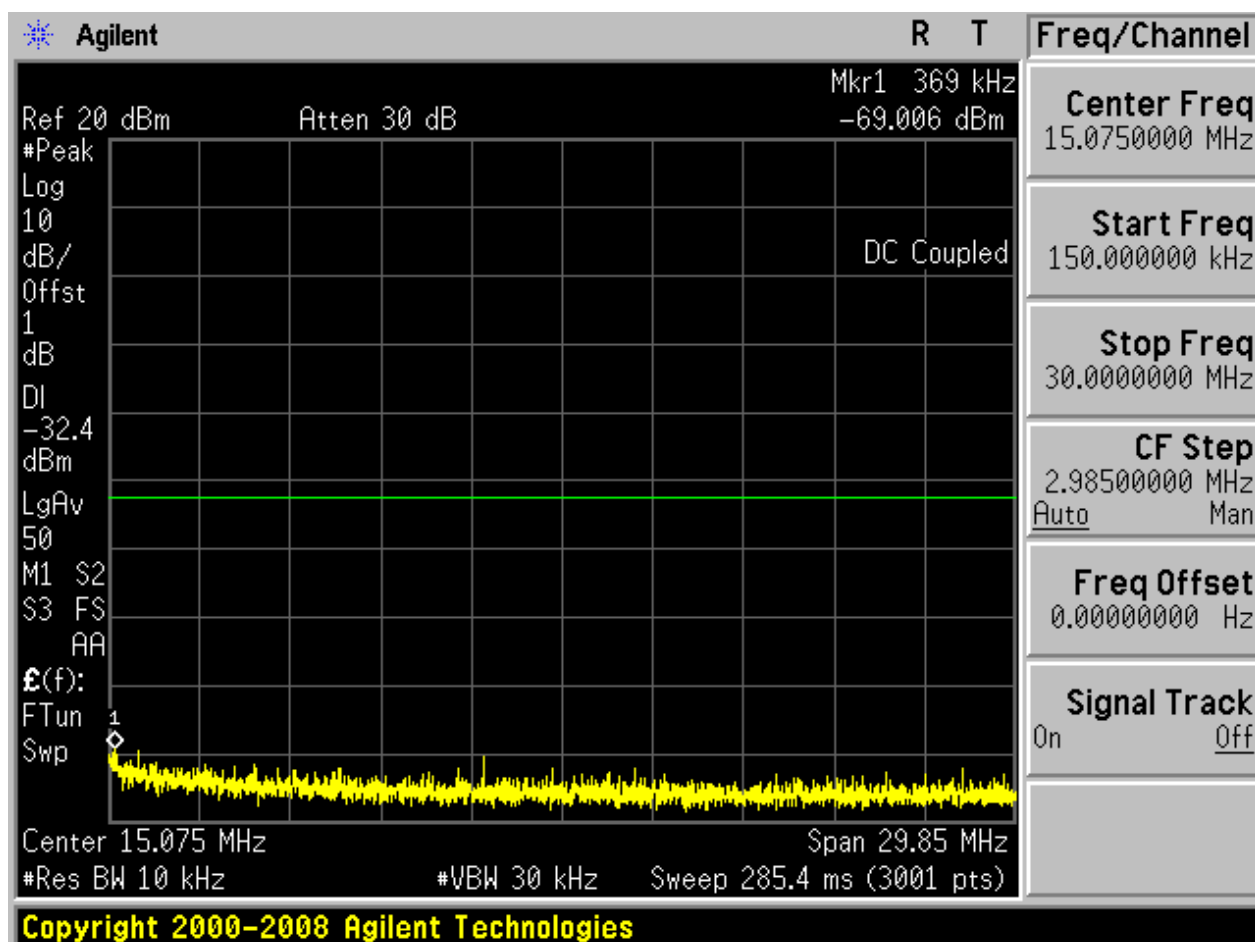
2.29 11N40_H@Ant 1

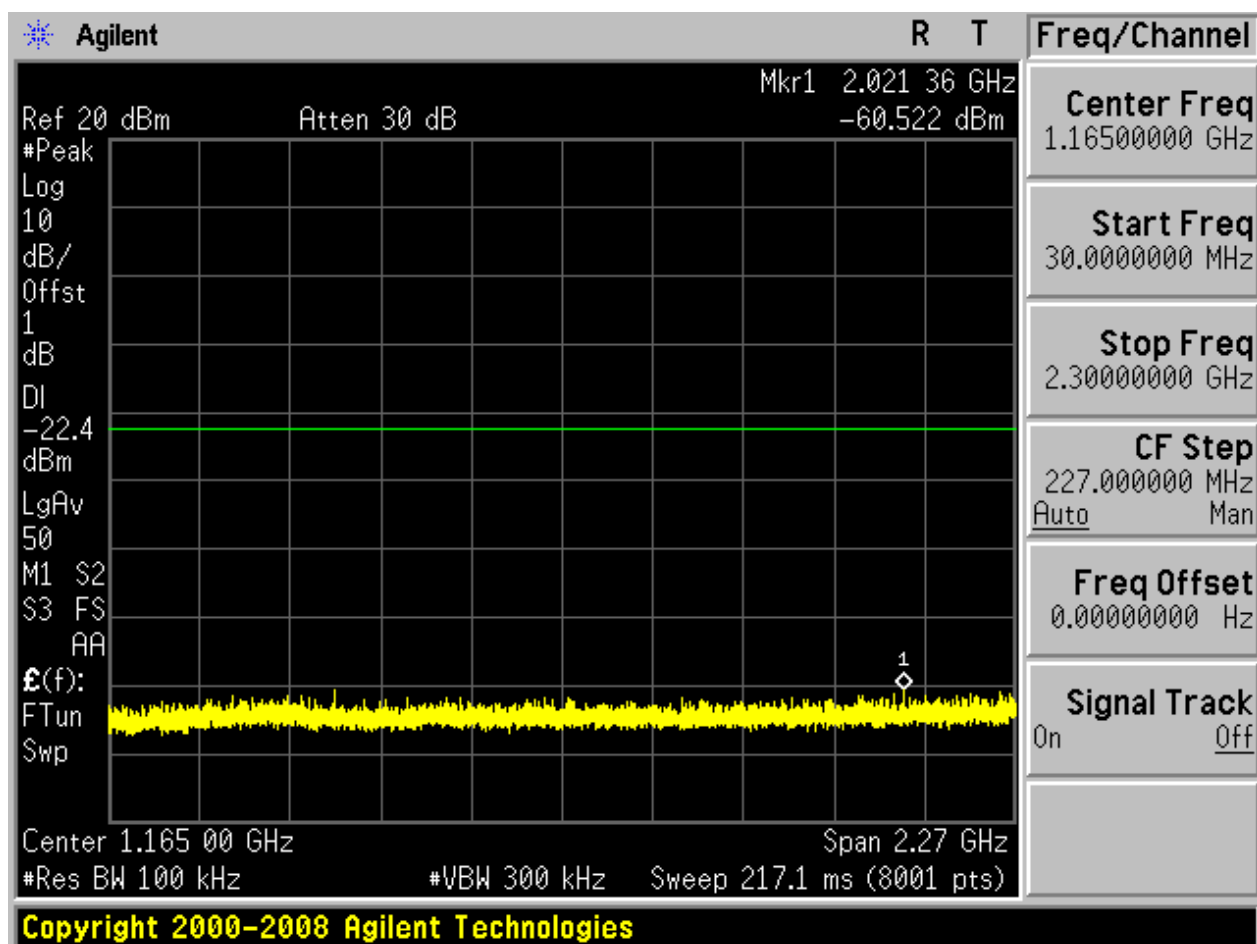
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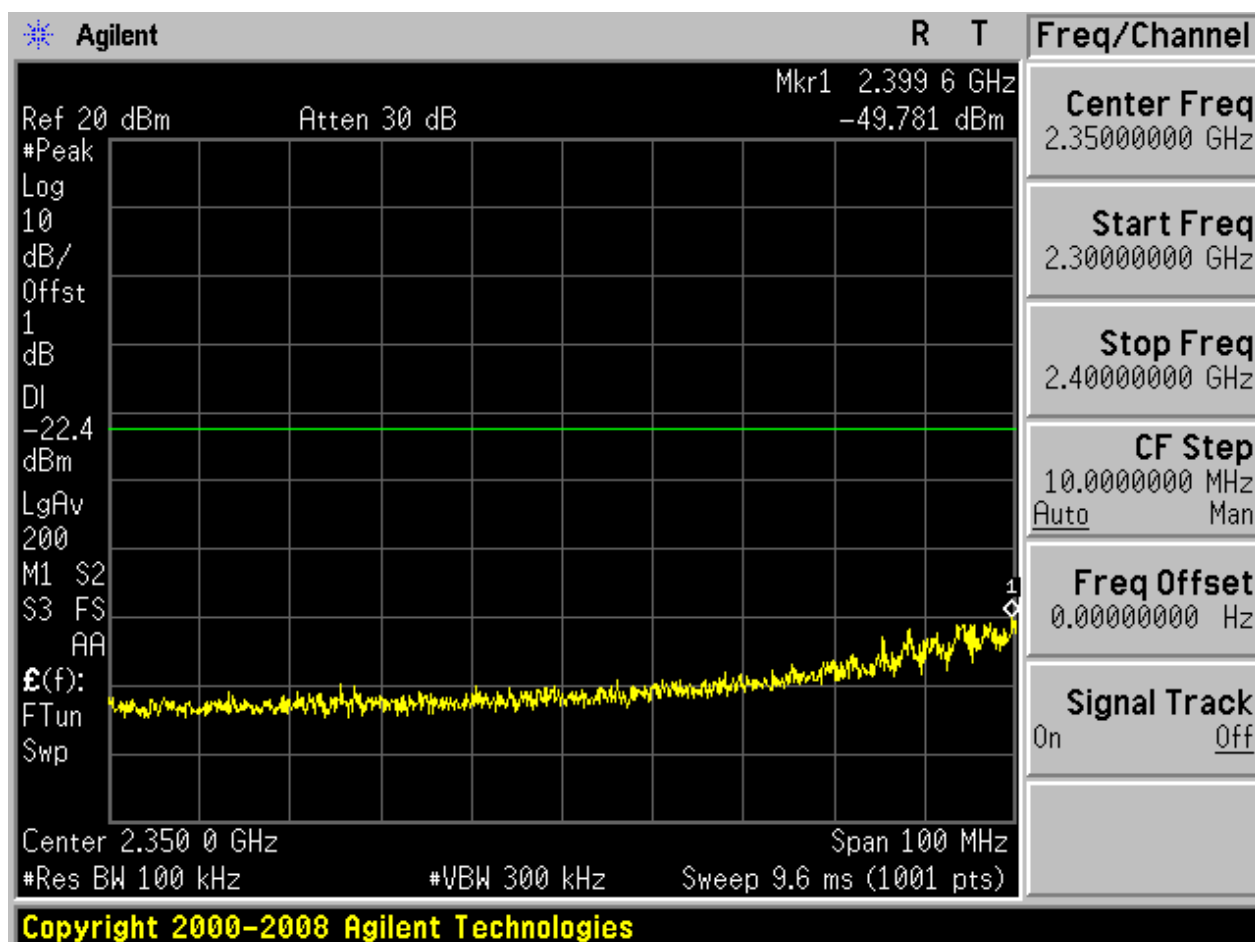


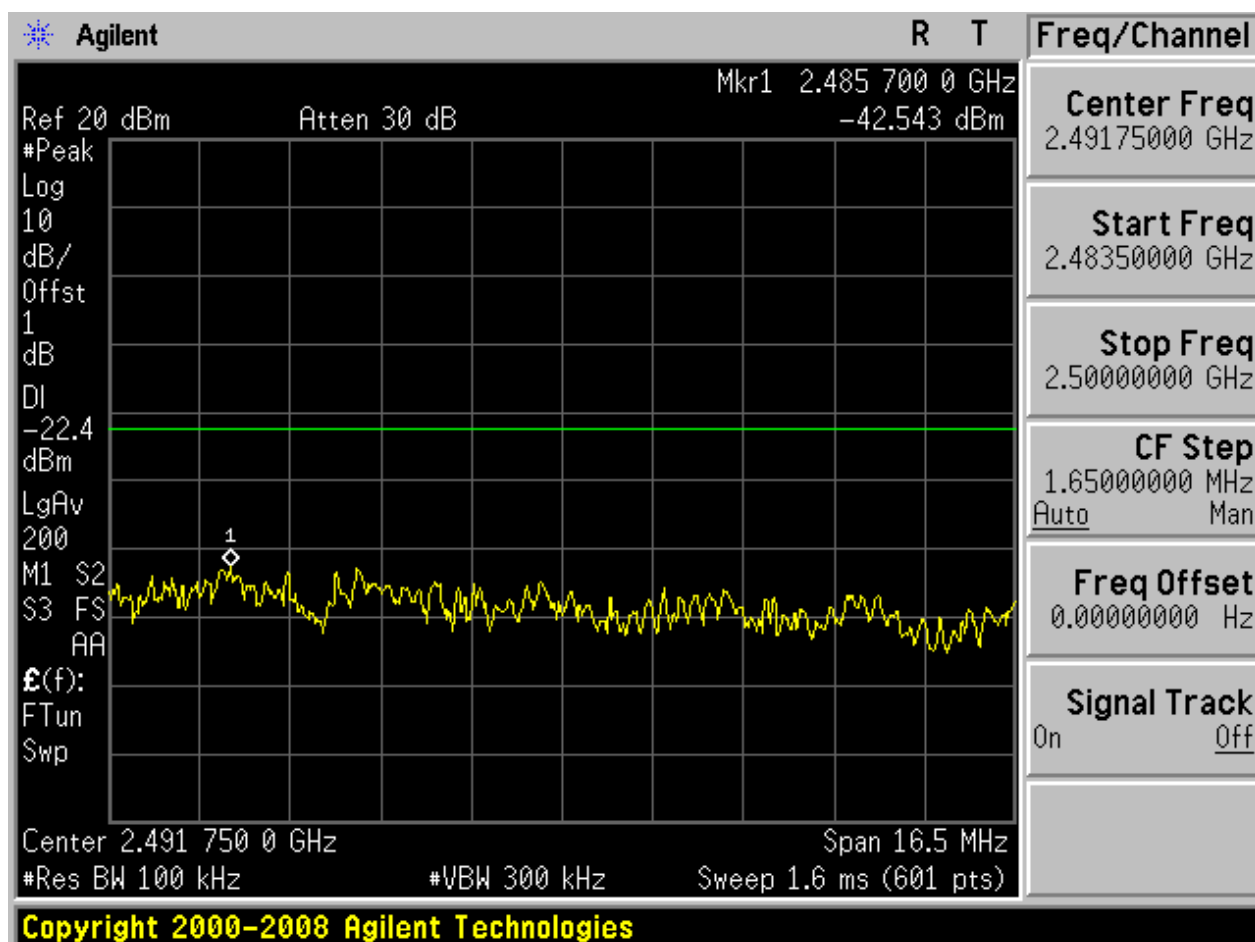
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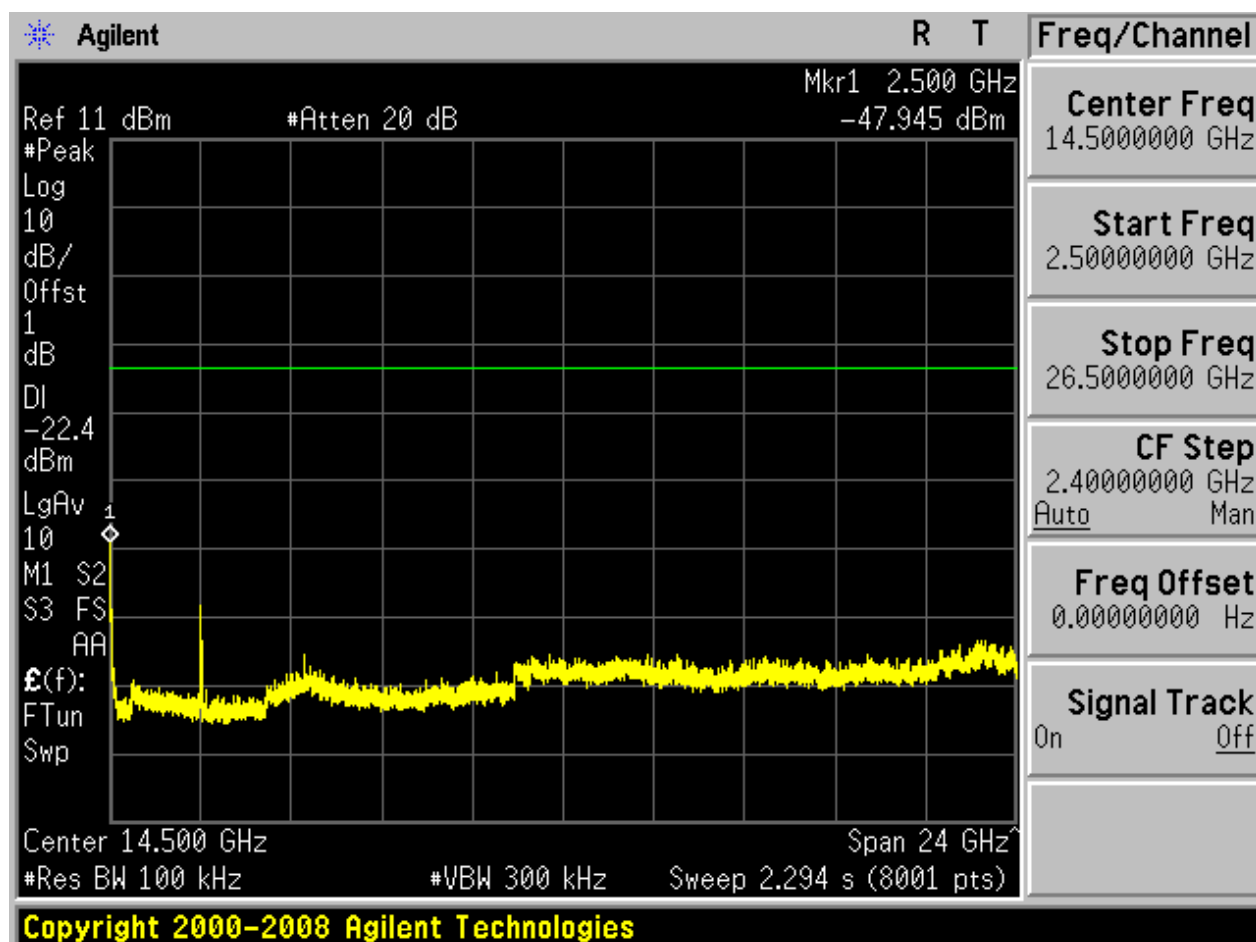






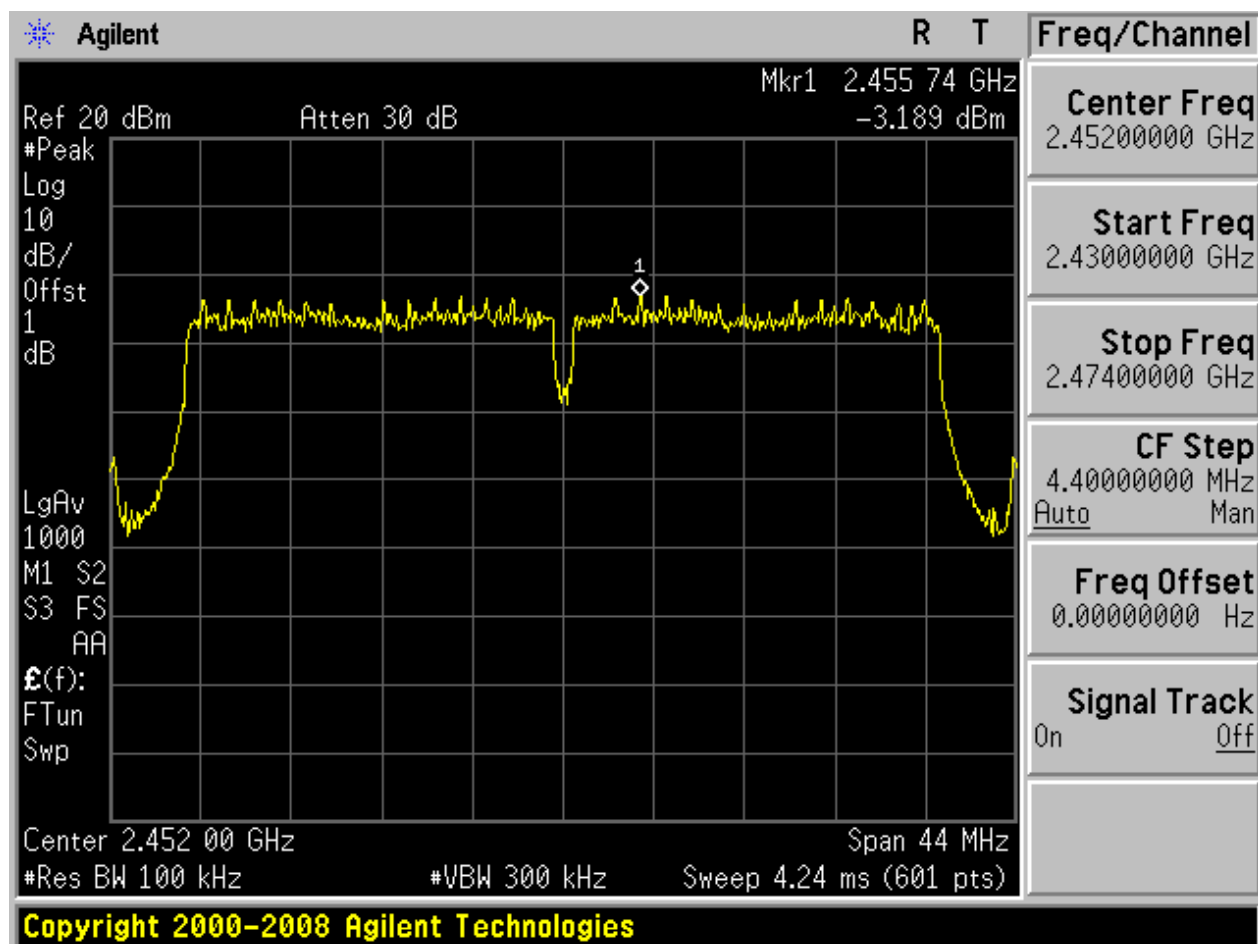




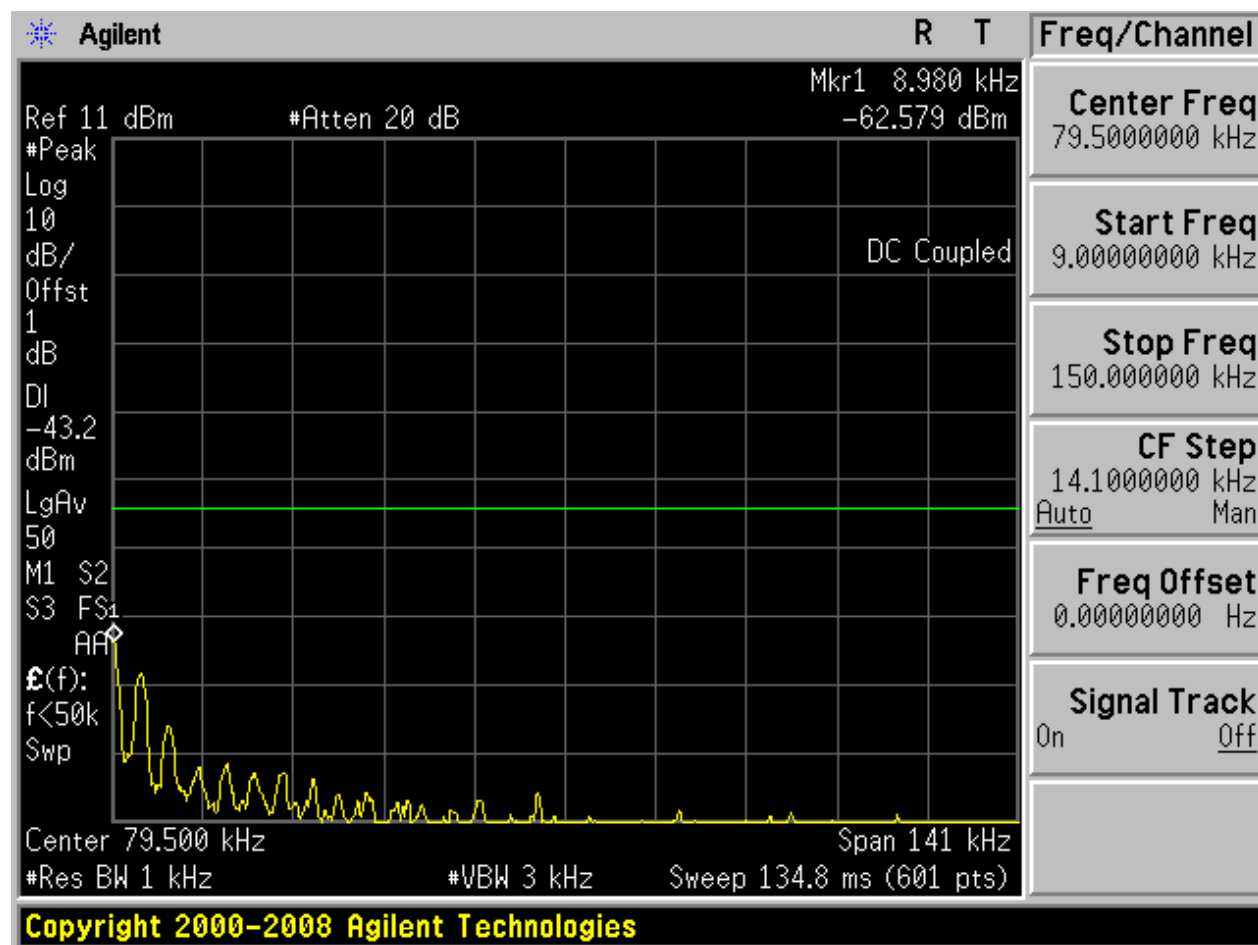


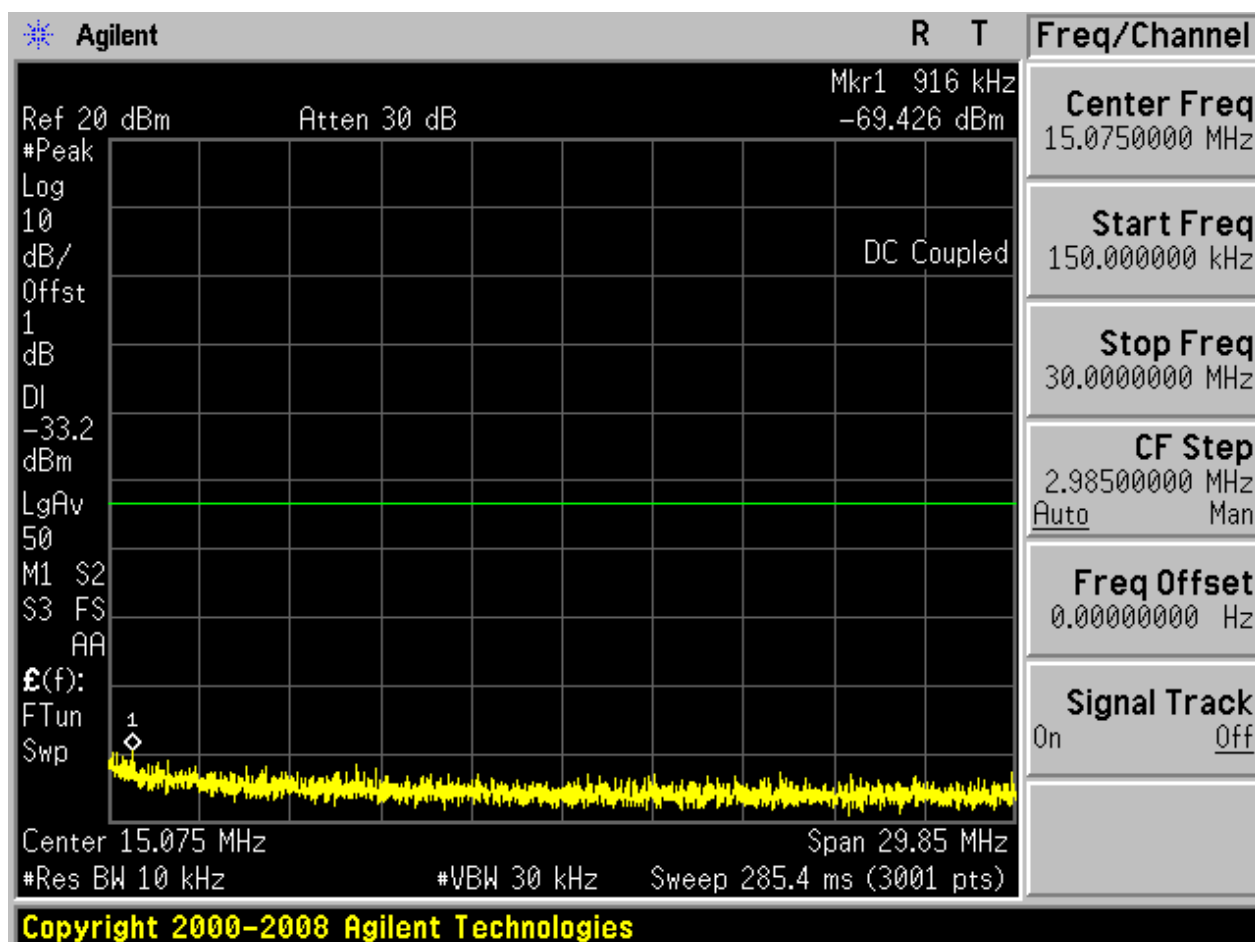
2.30 11N40_H@Ant 2

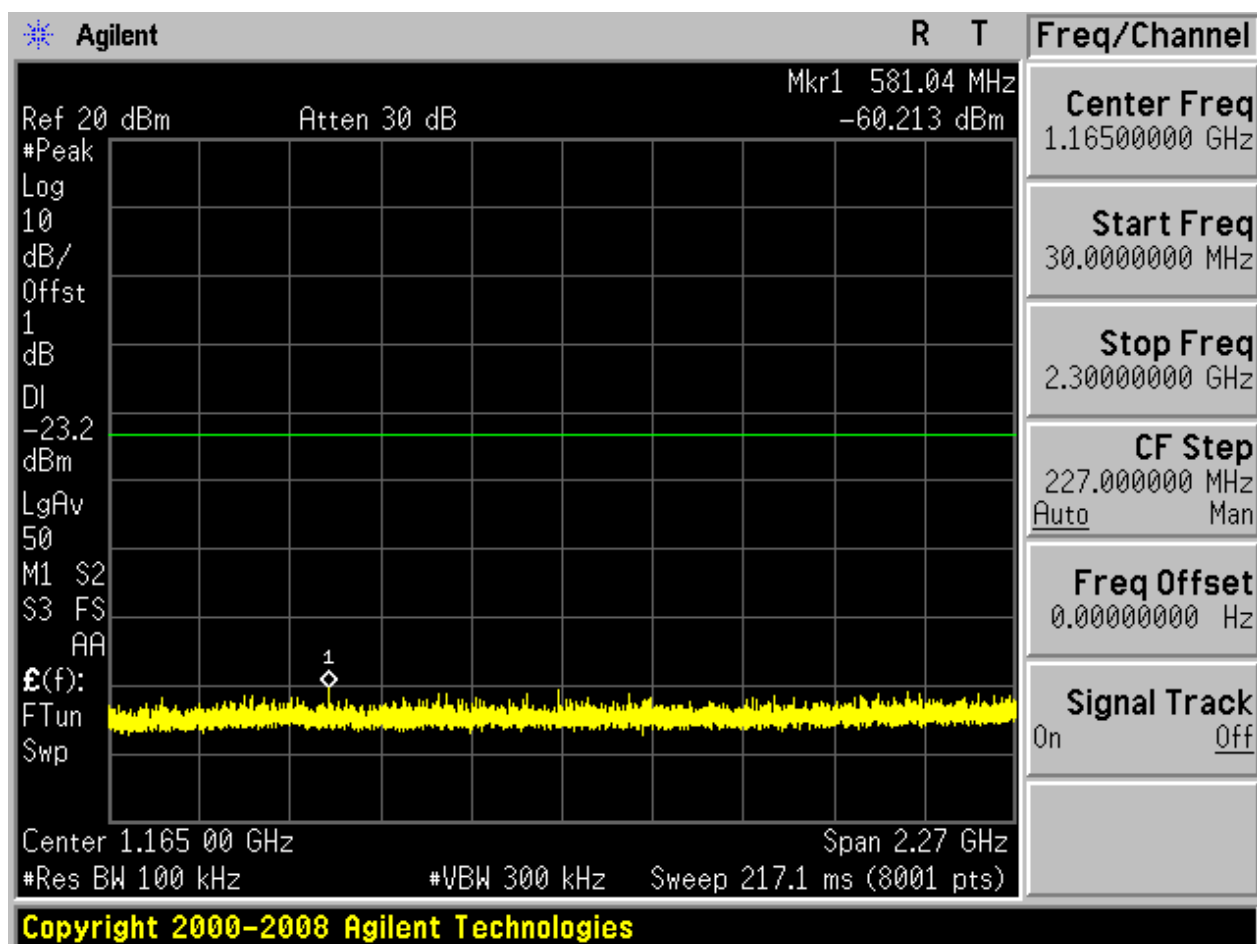
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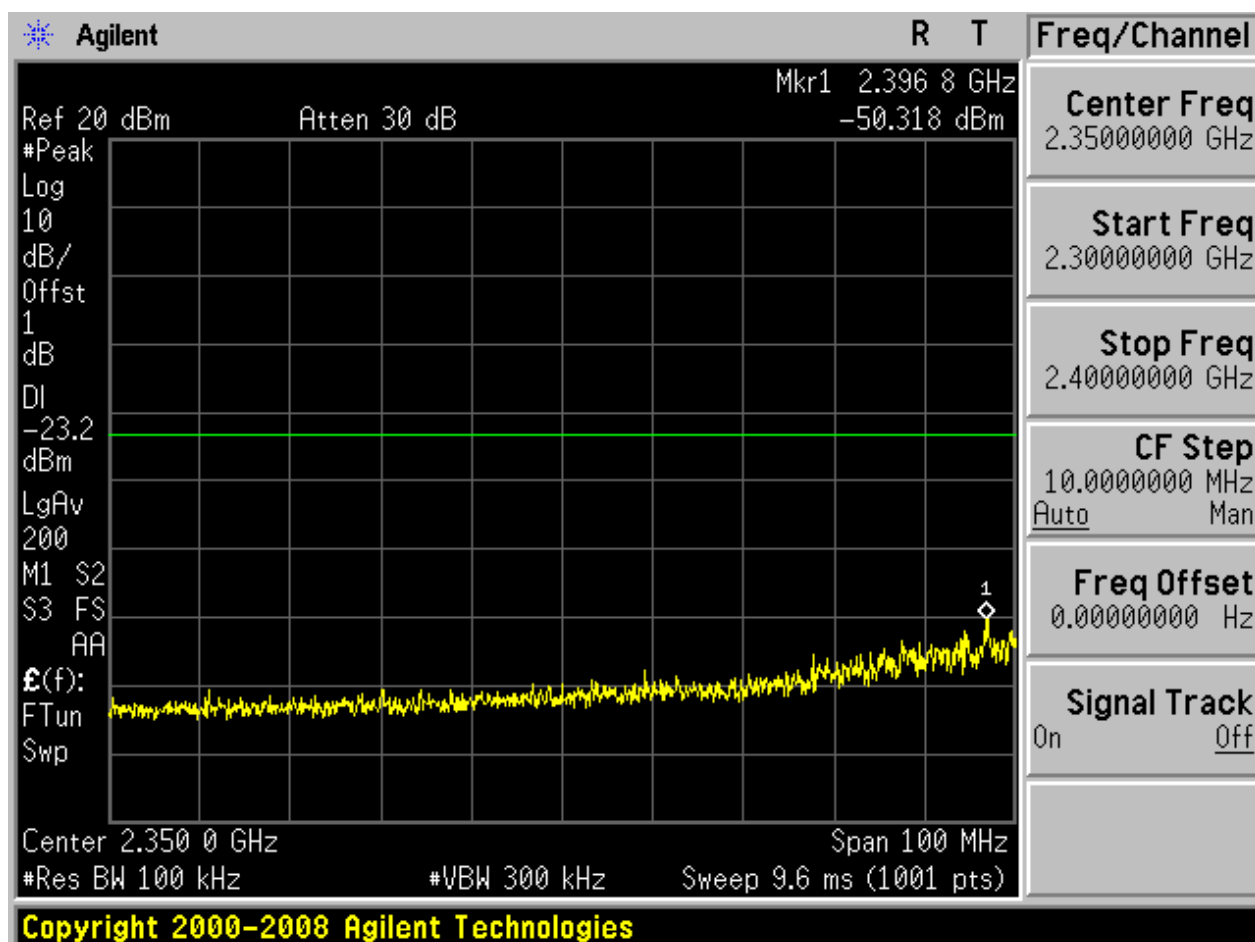


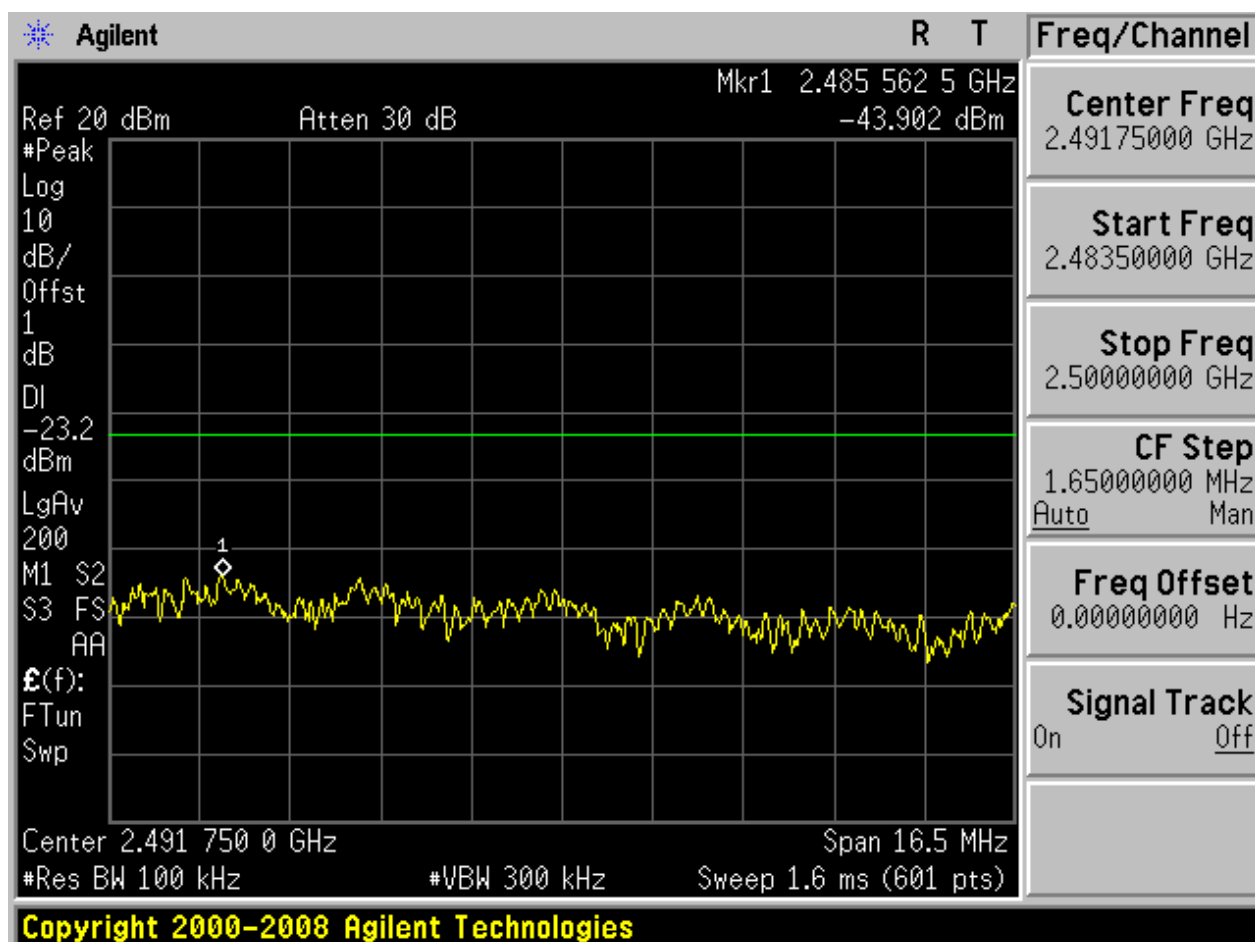
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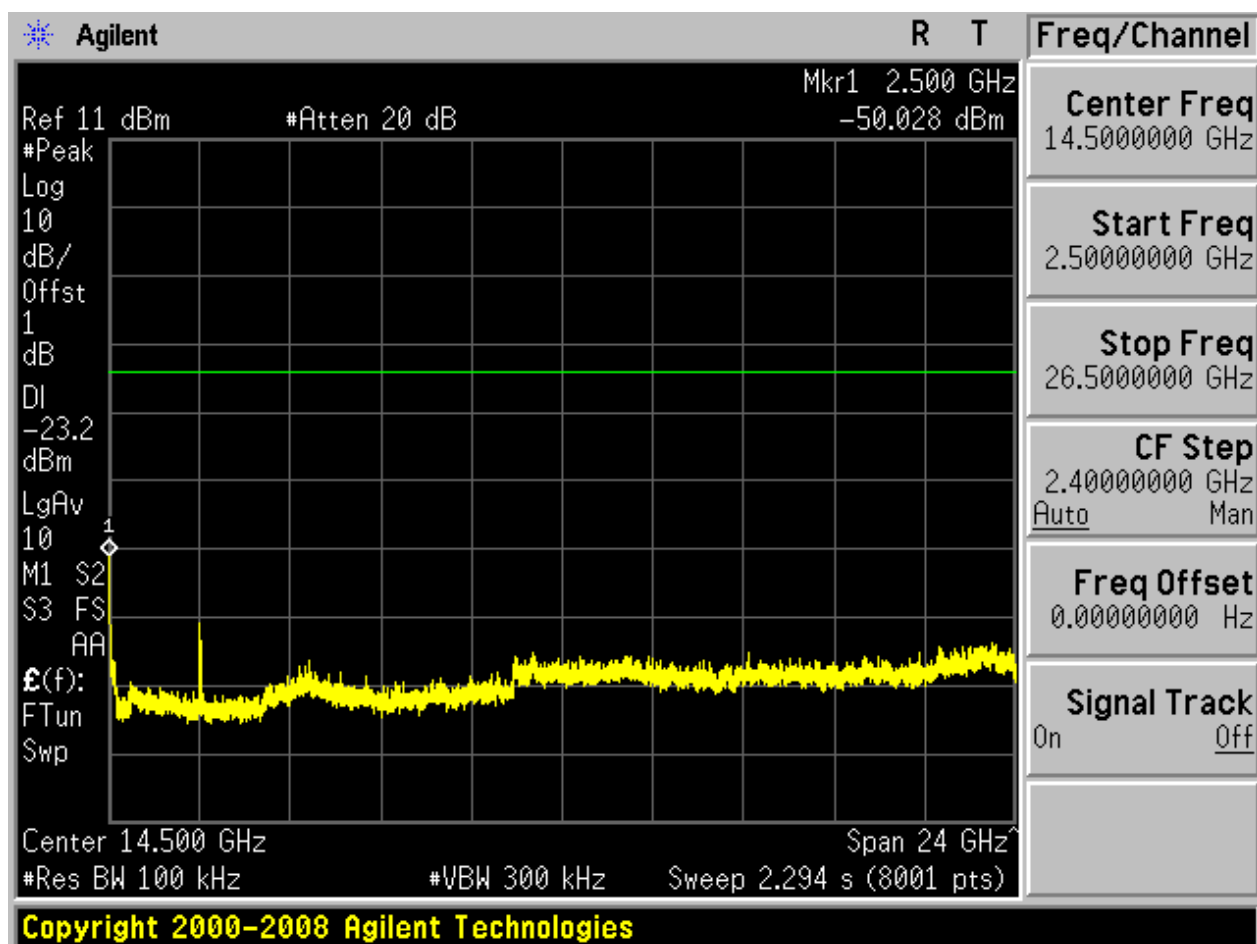






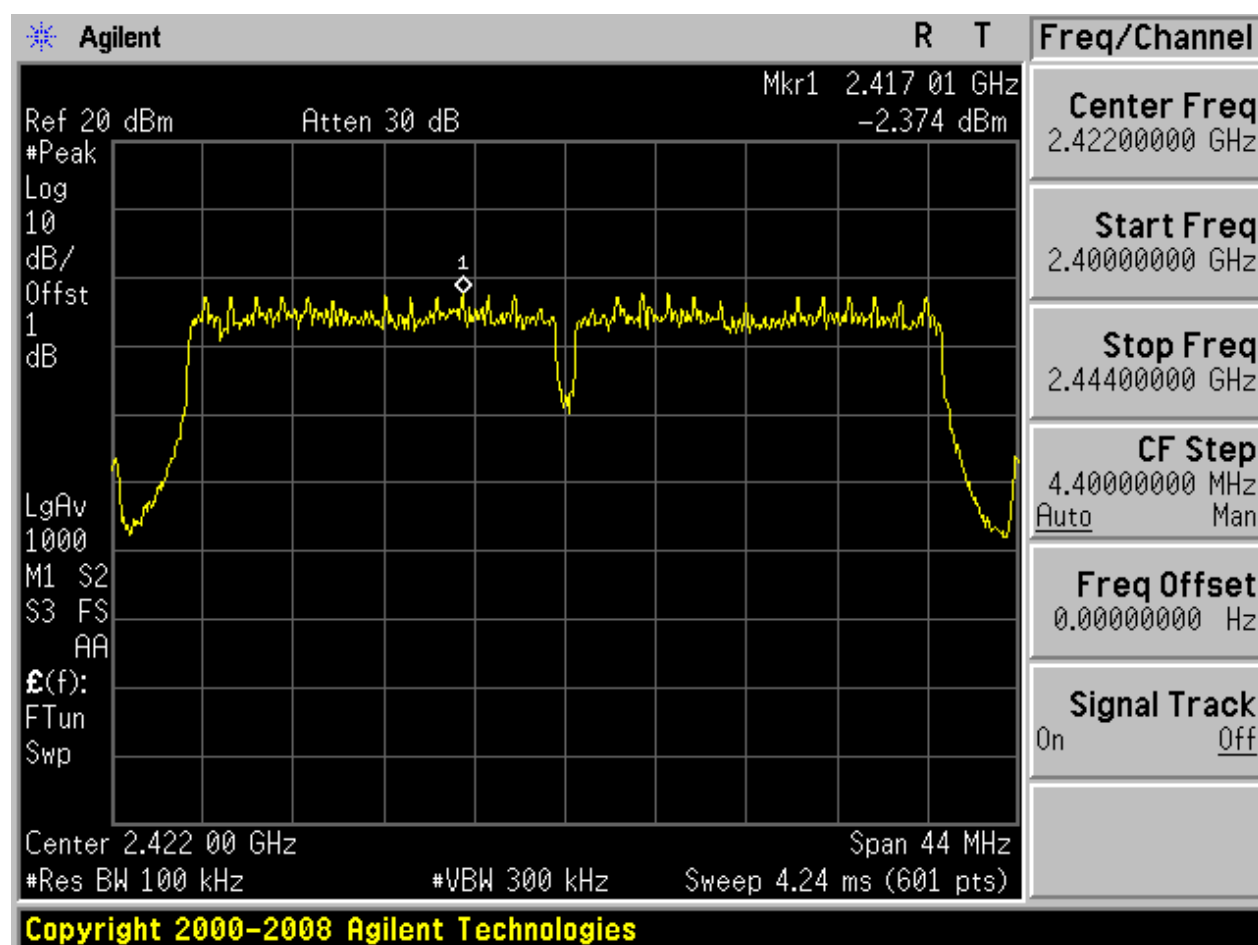






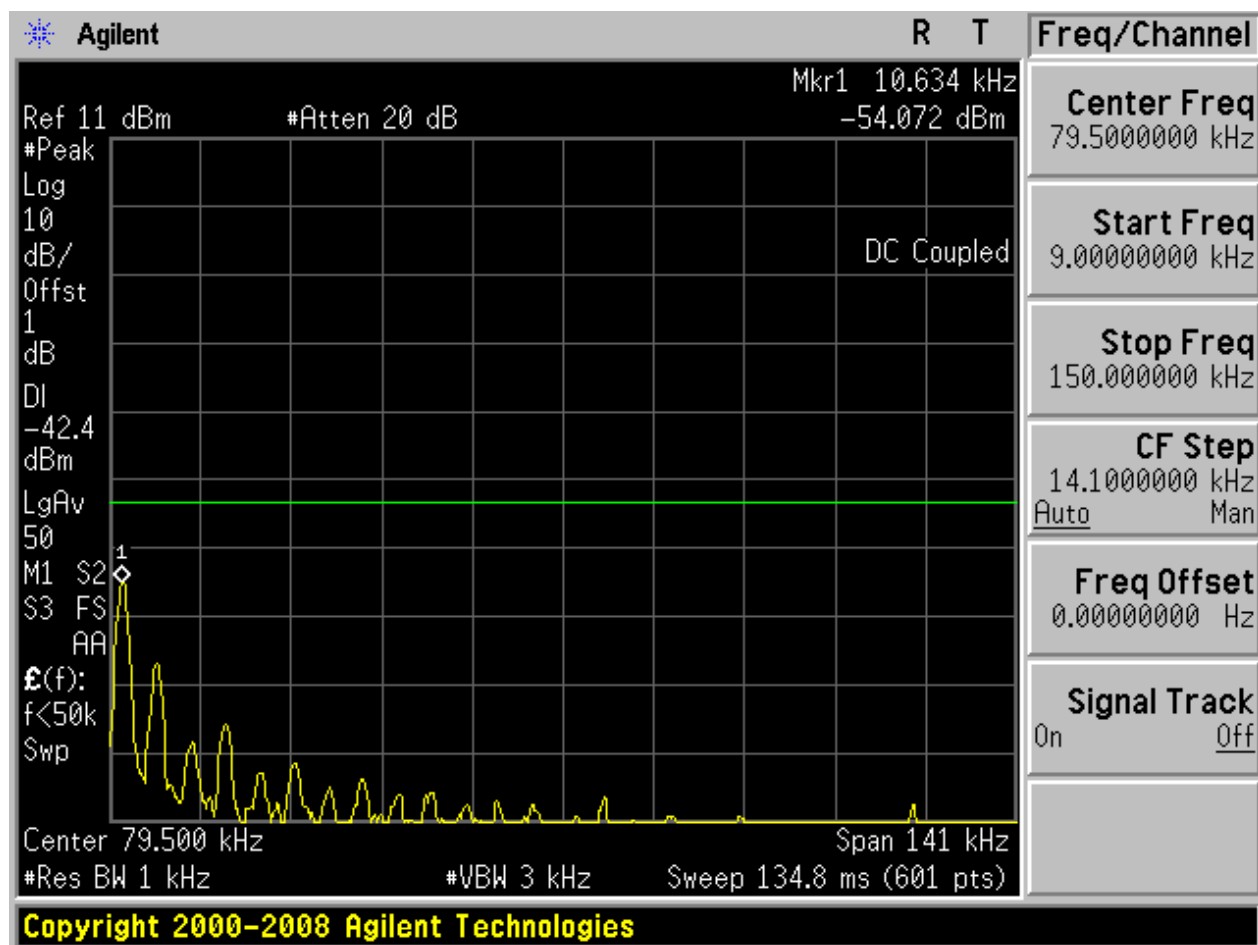
2.31 11N40m_L@Ant 1

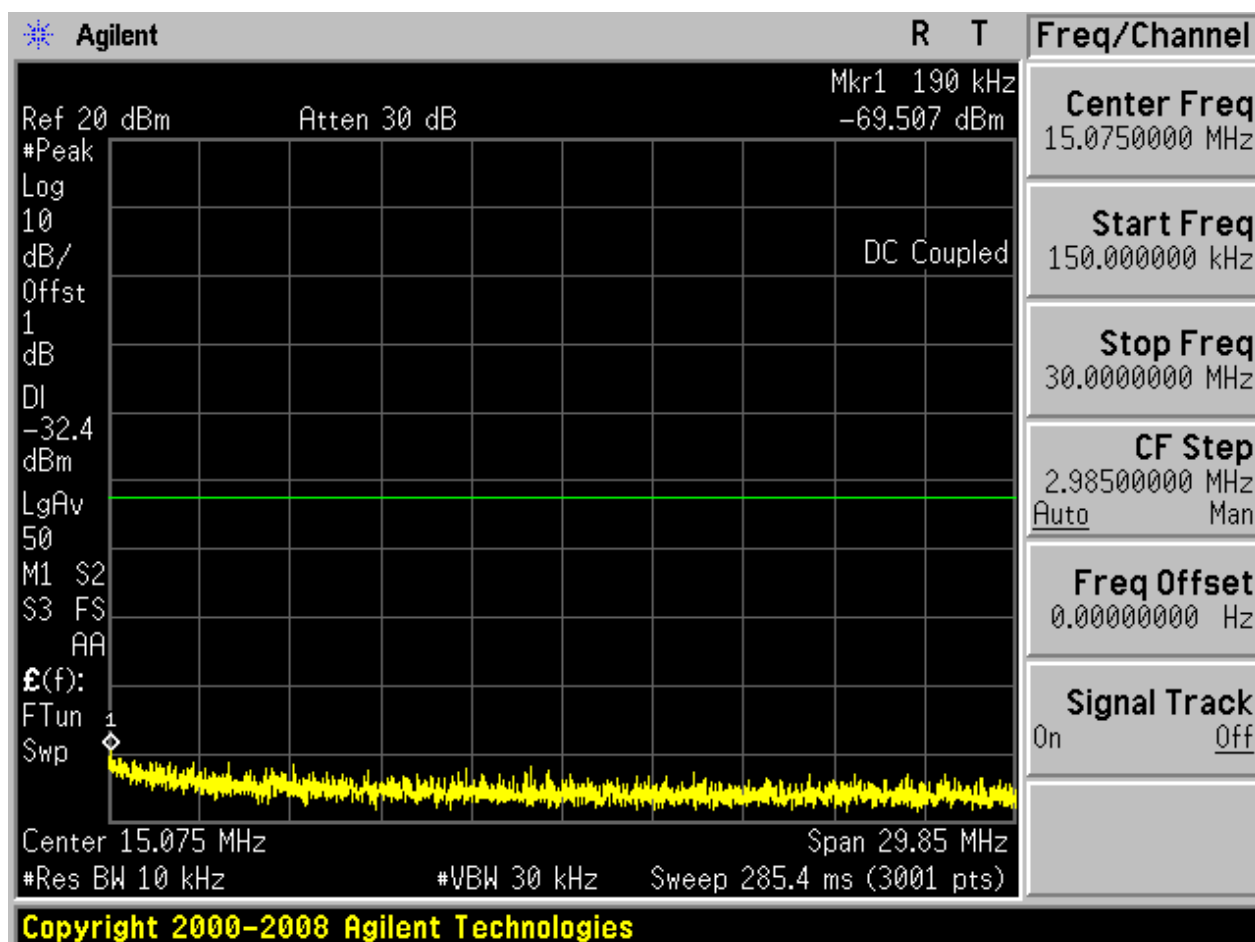
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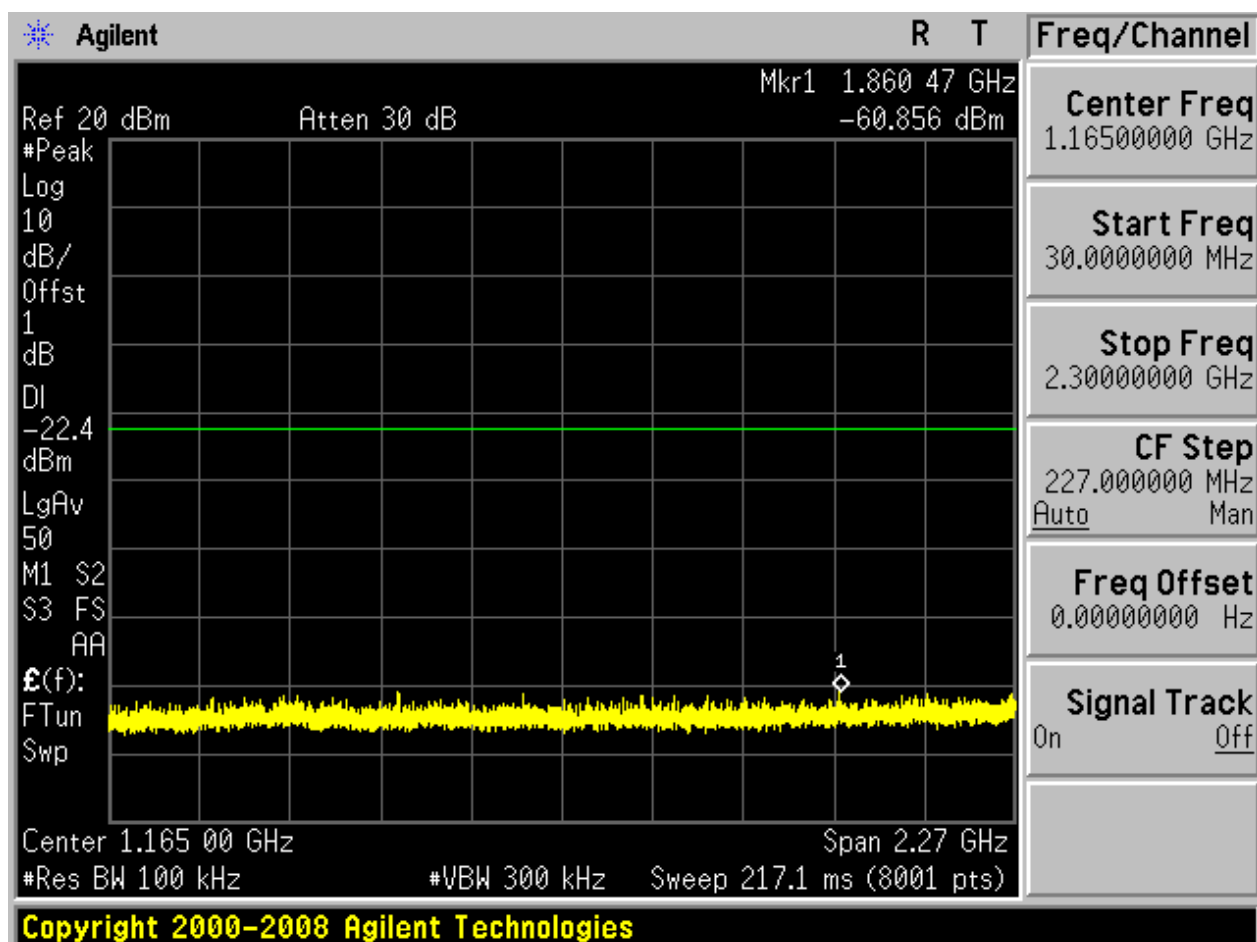


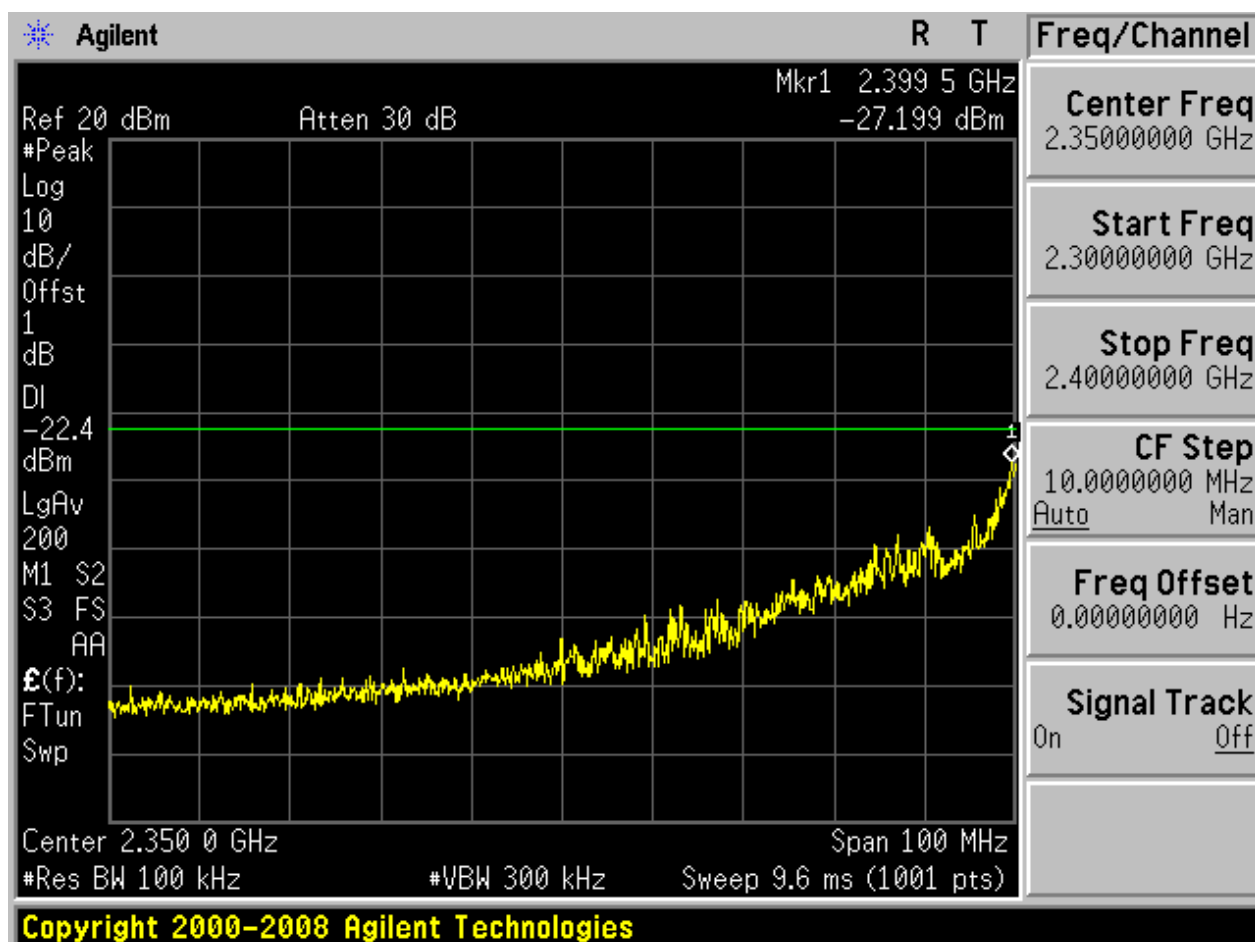


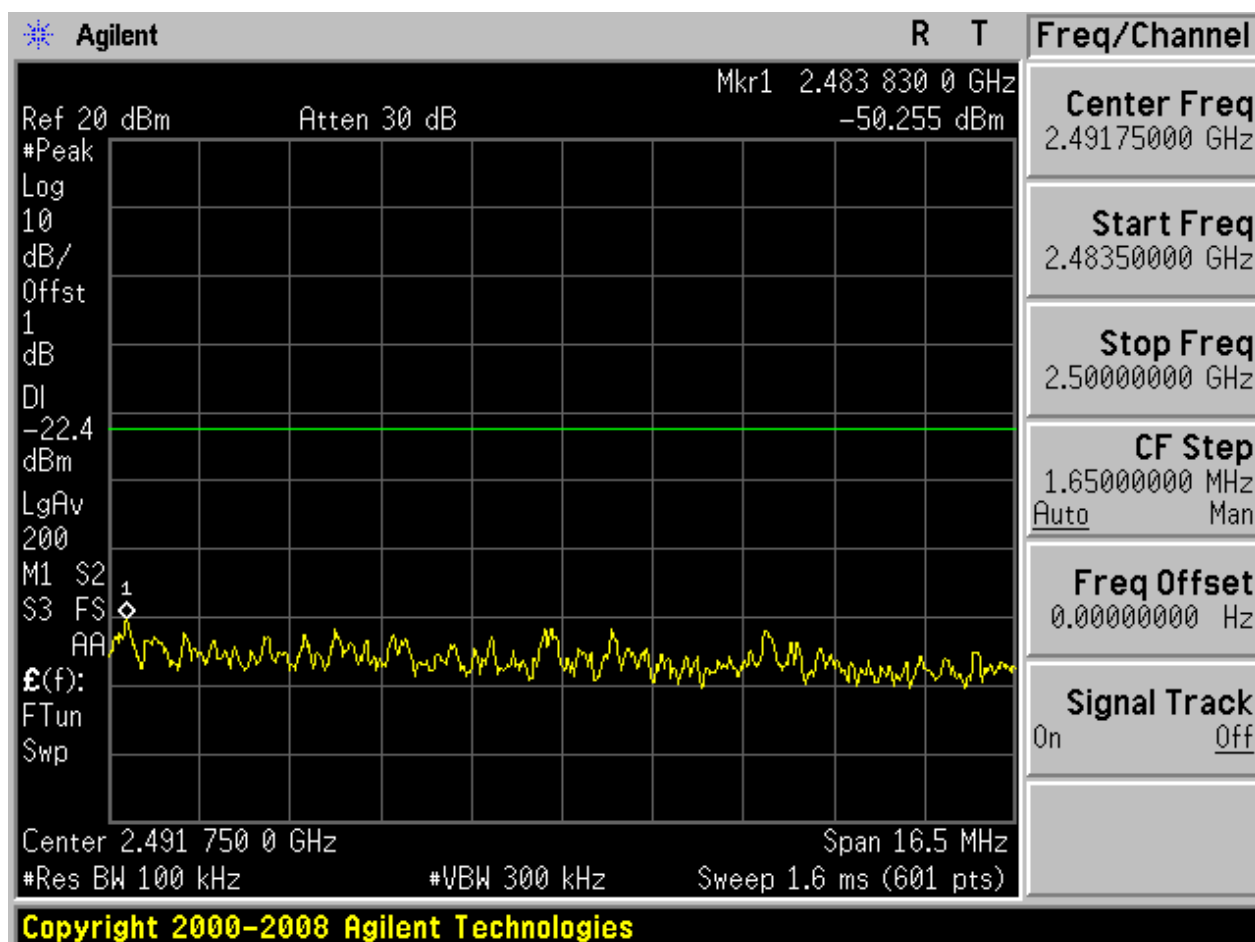
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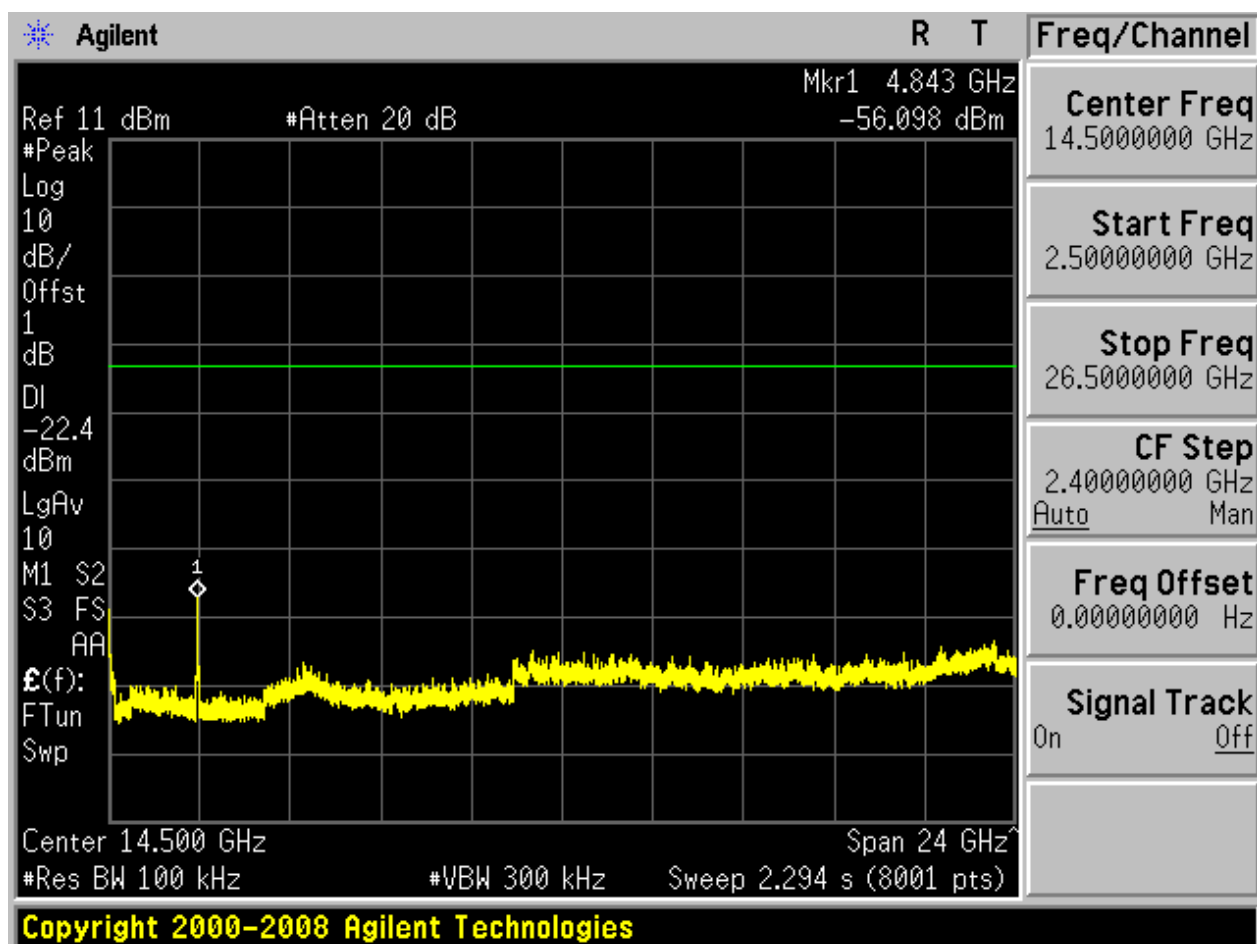






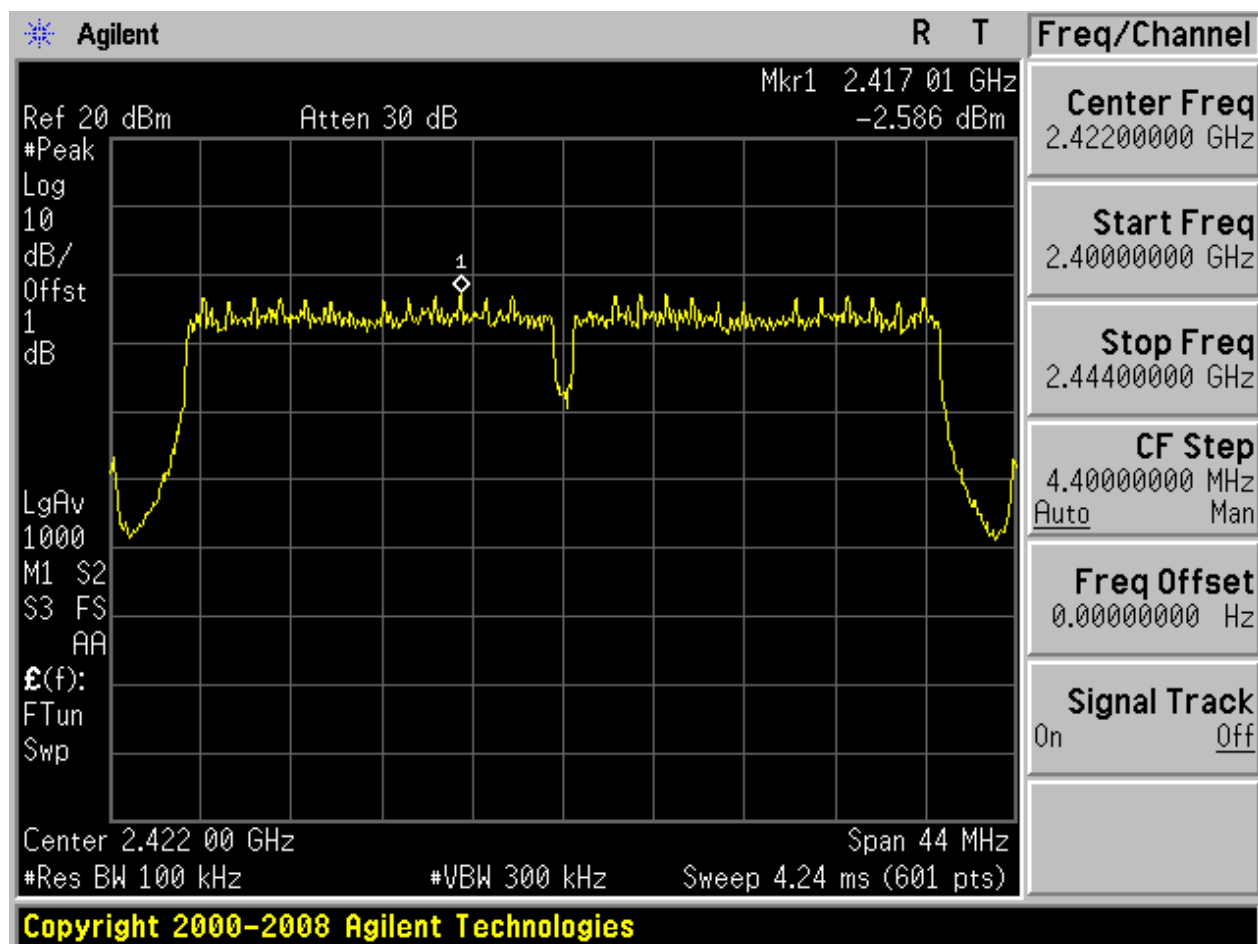




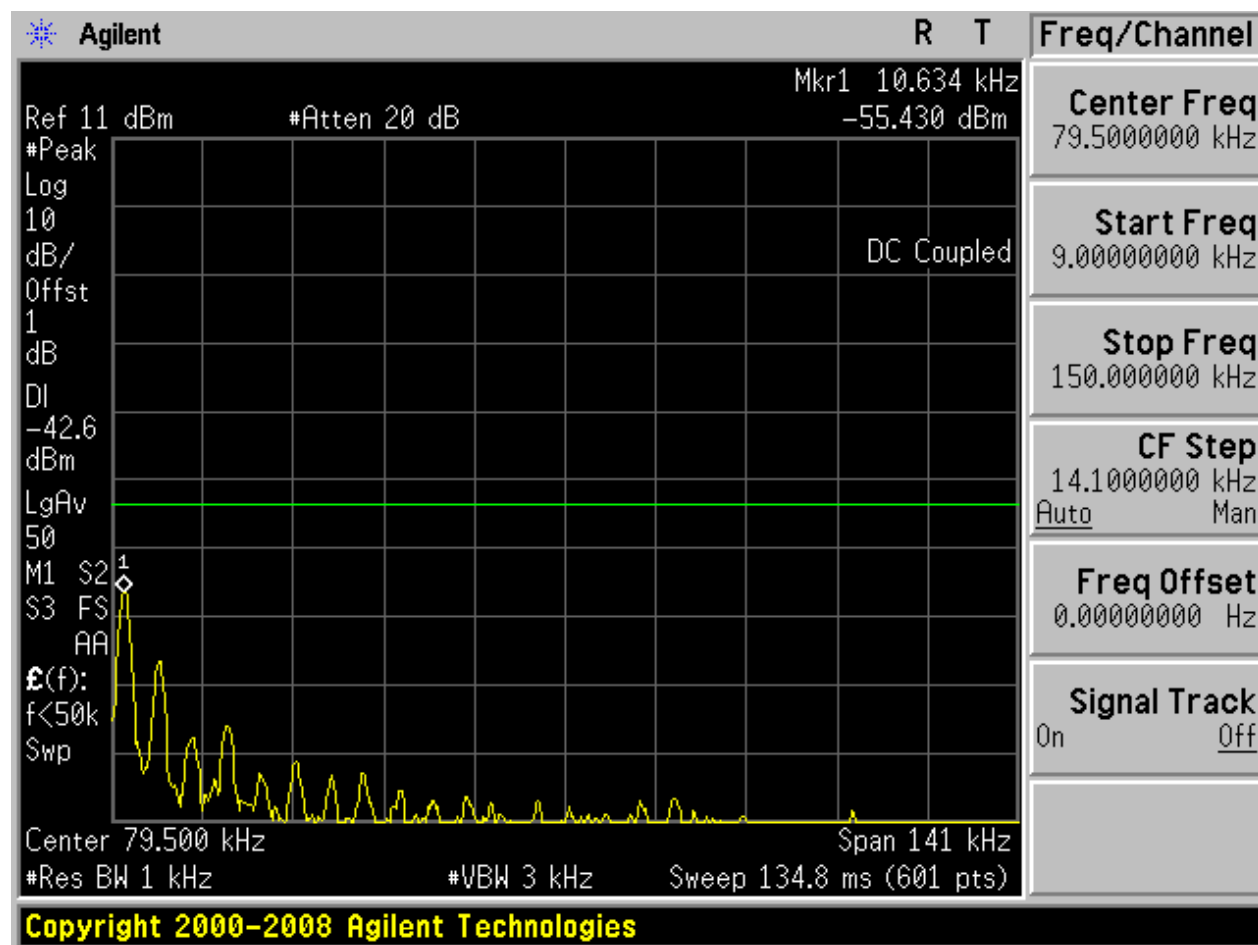


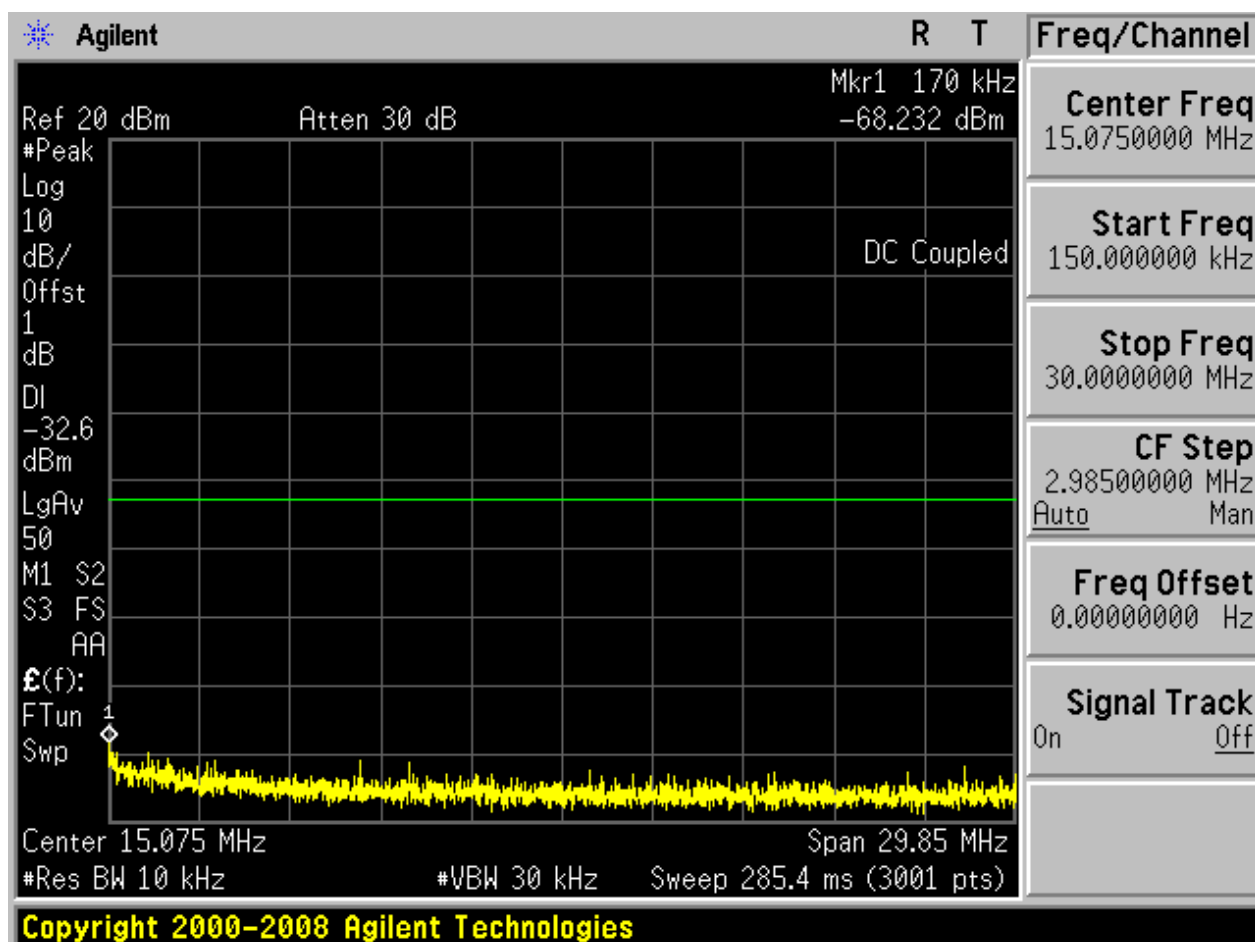
2.32 11N40m_L@Ant 2

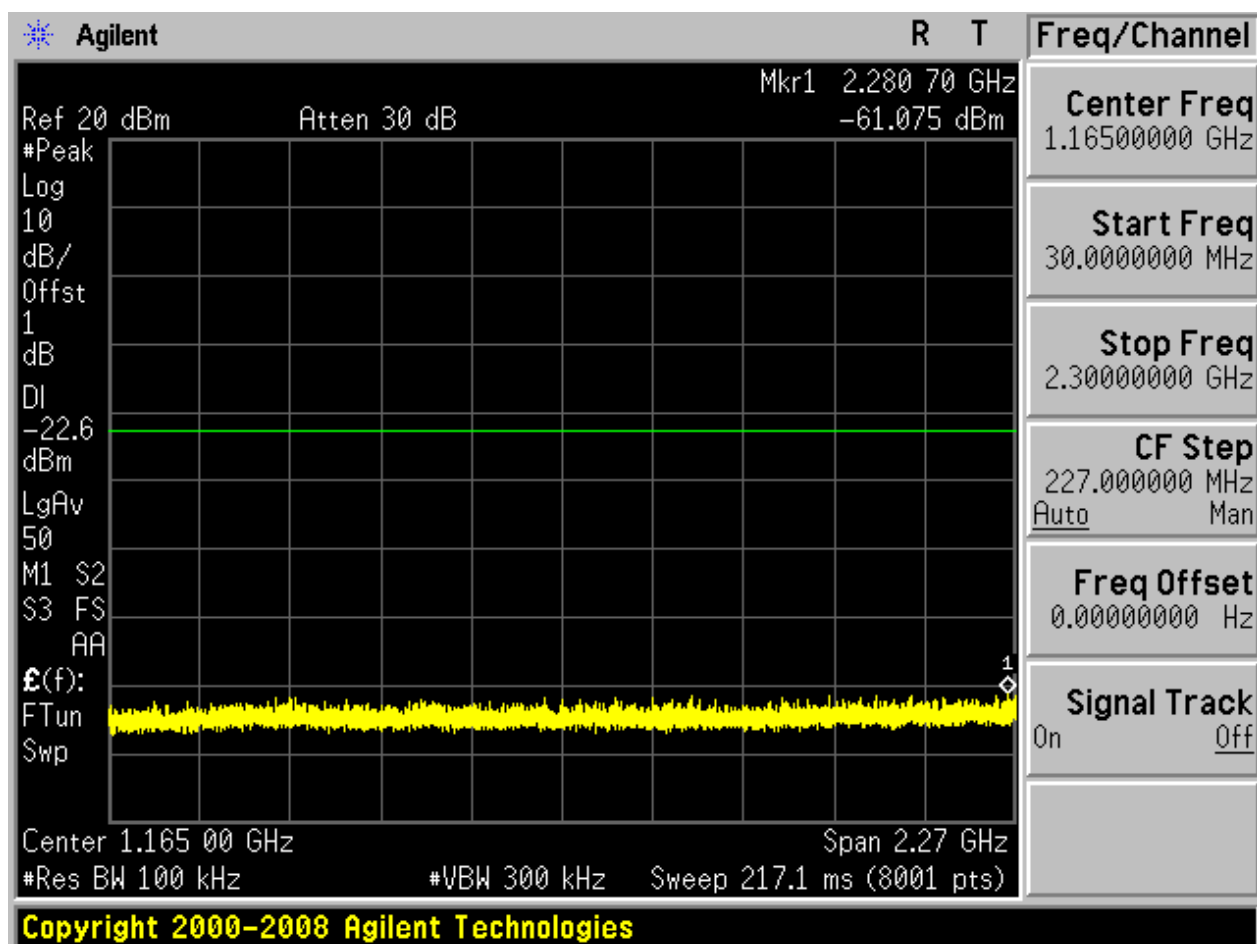
Pref:

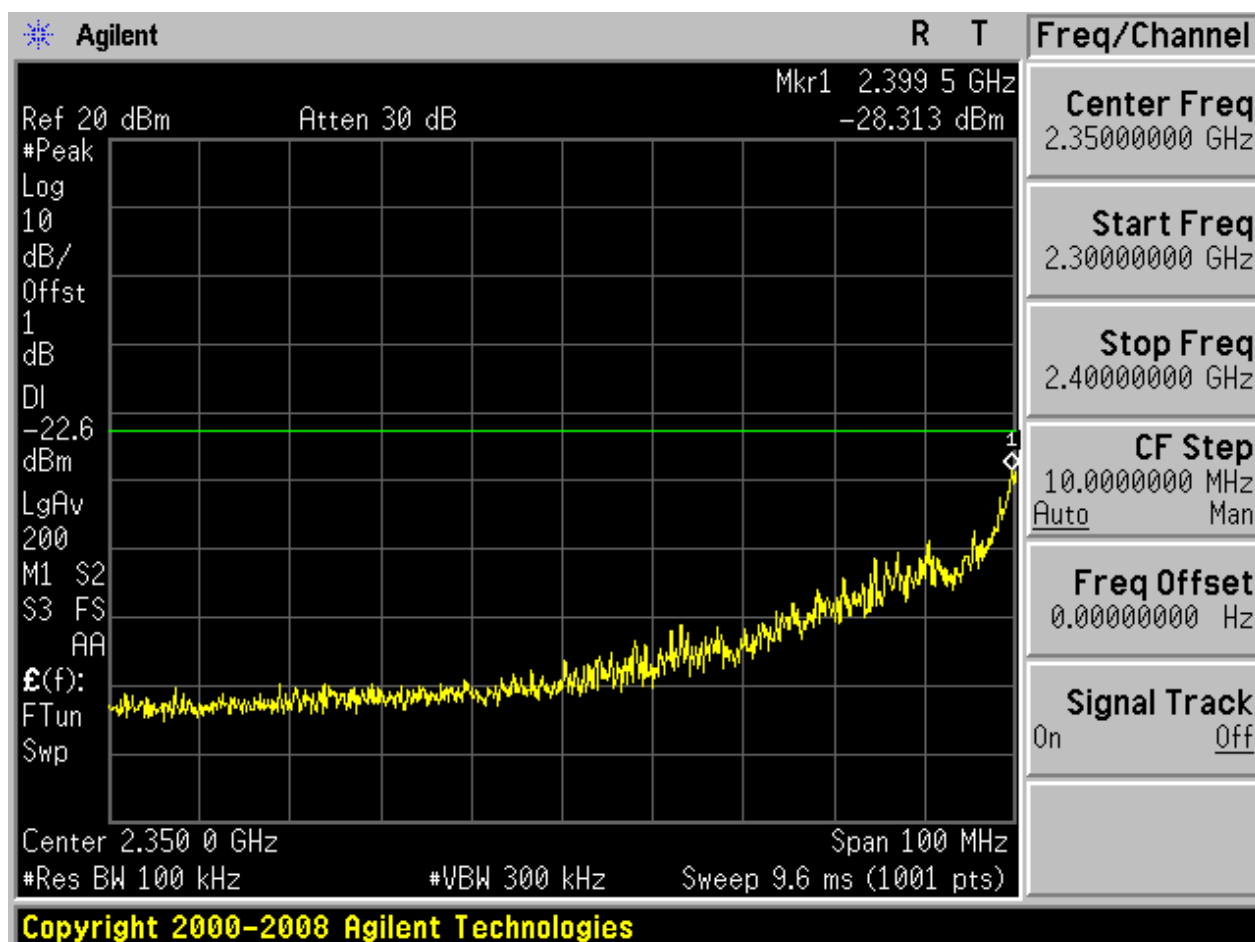


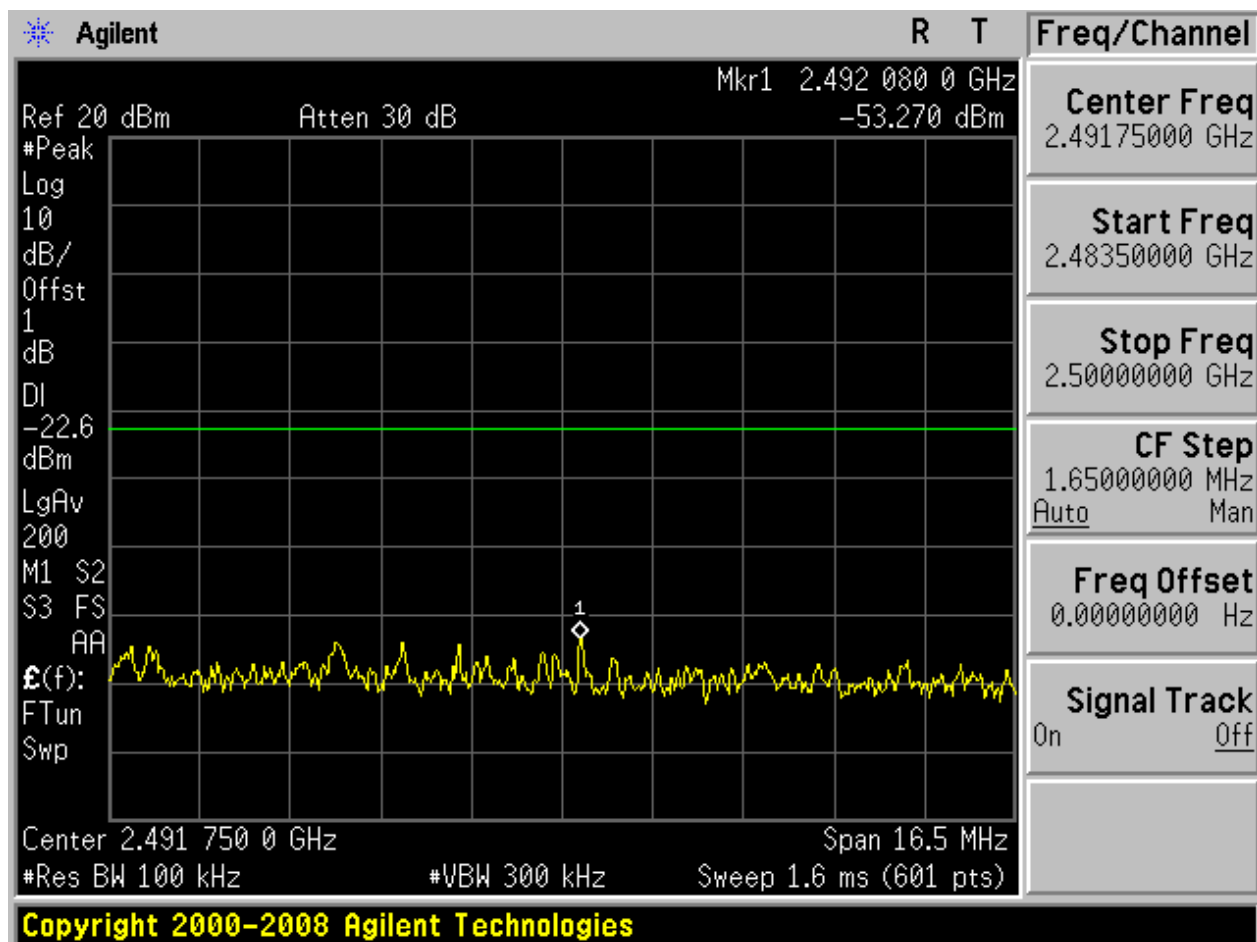
Puw:

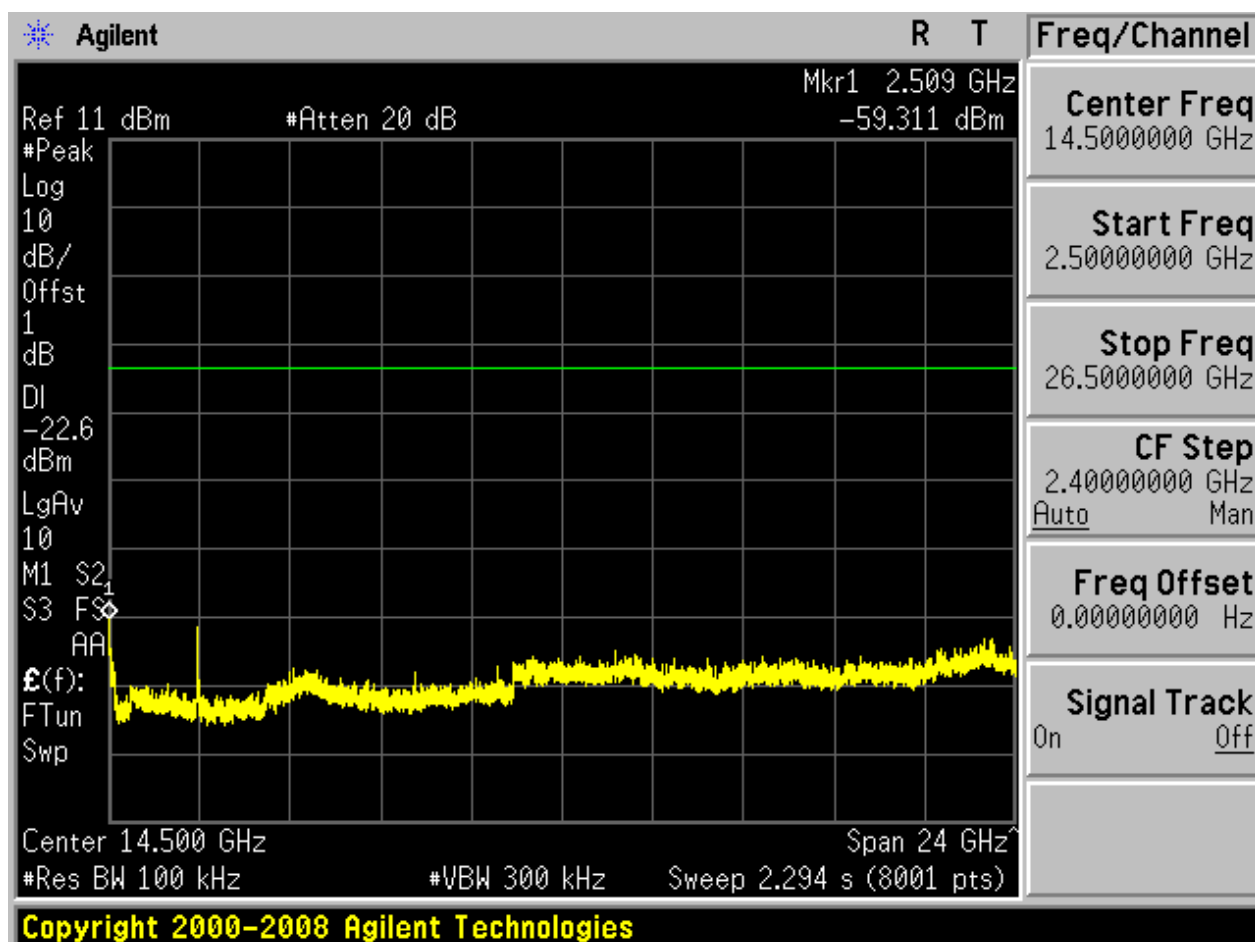








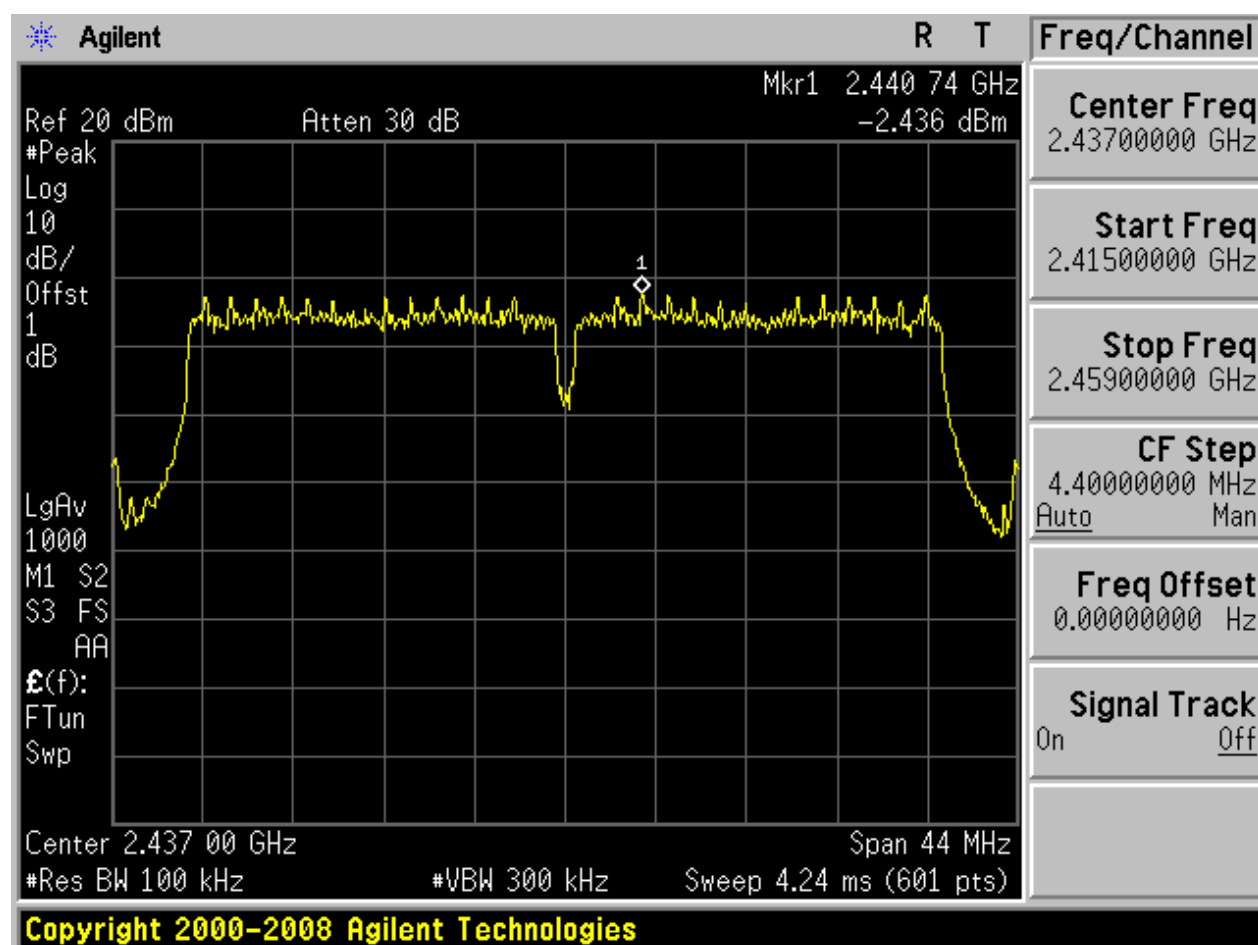




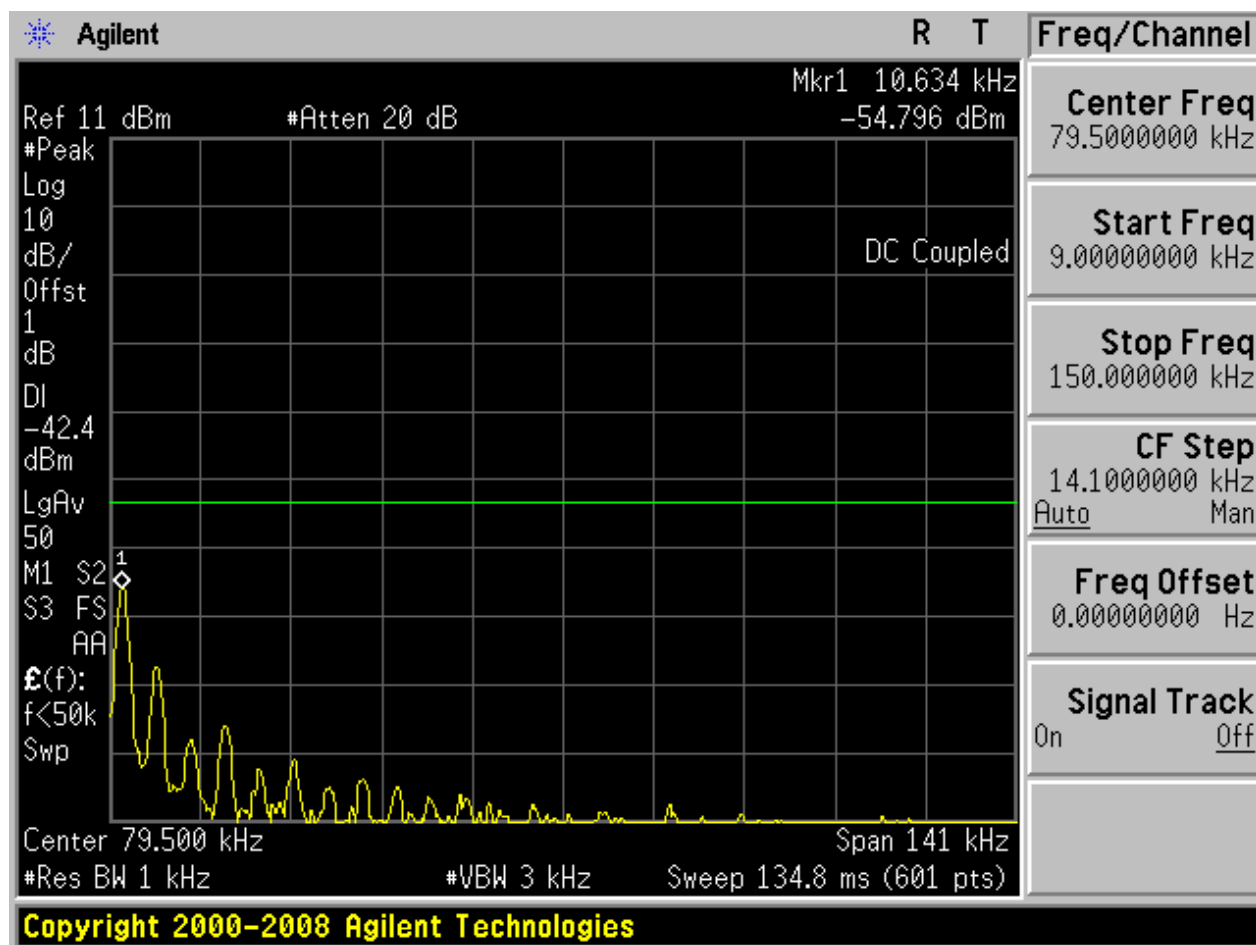


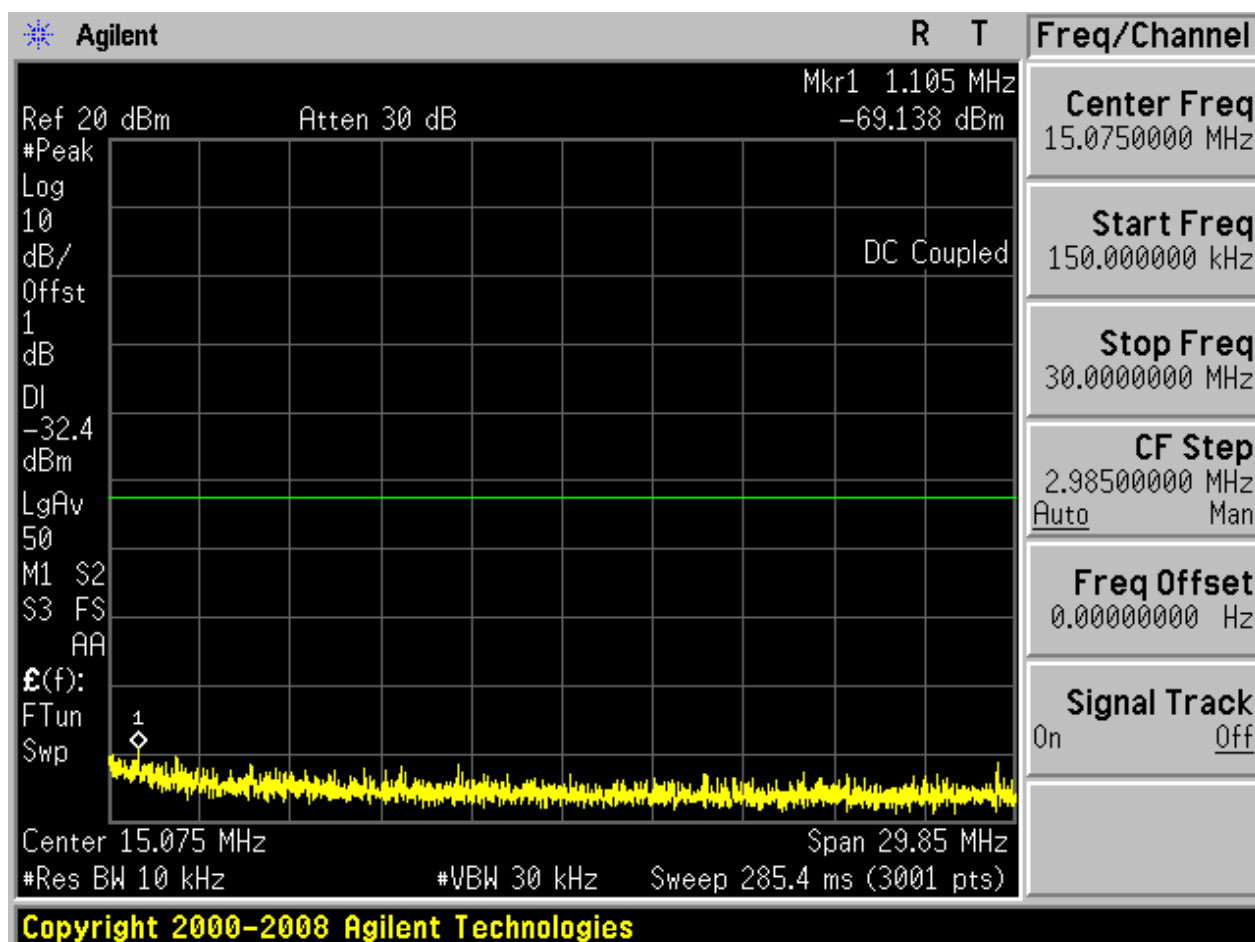
2.33 11N40m_M@Ant 1

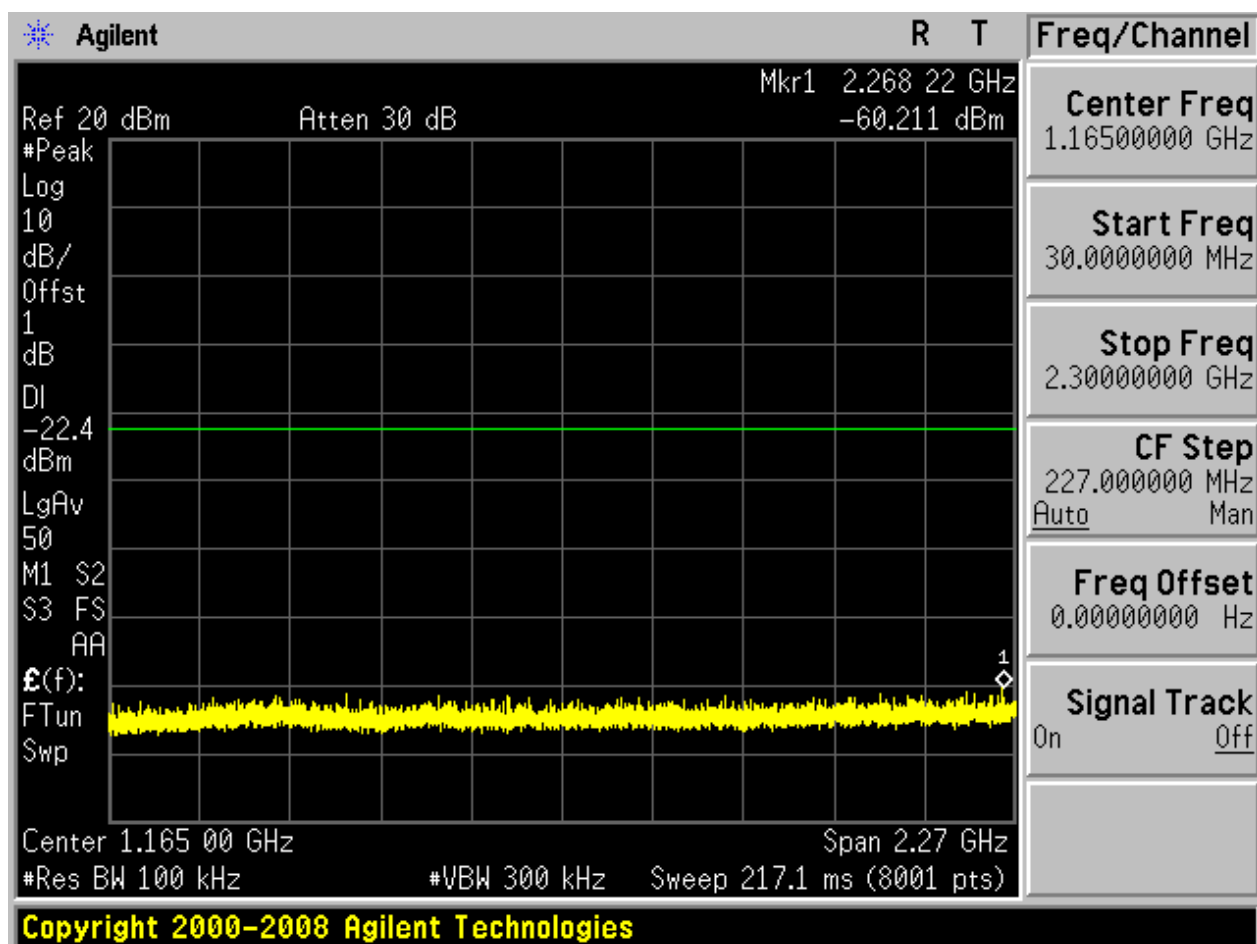
Pref:

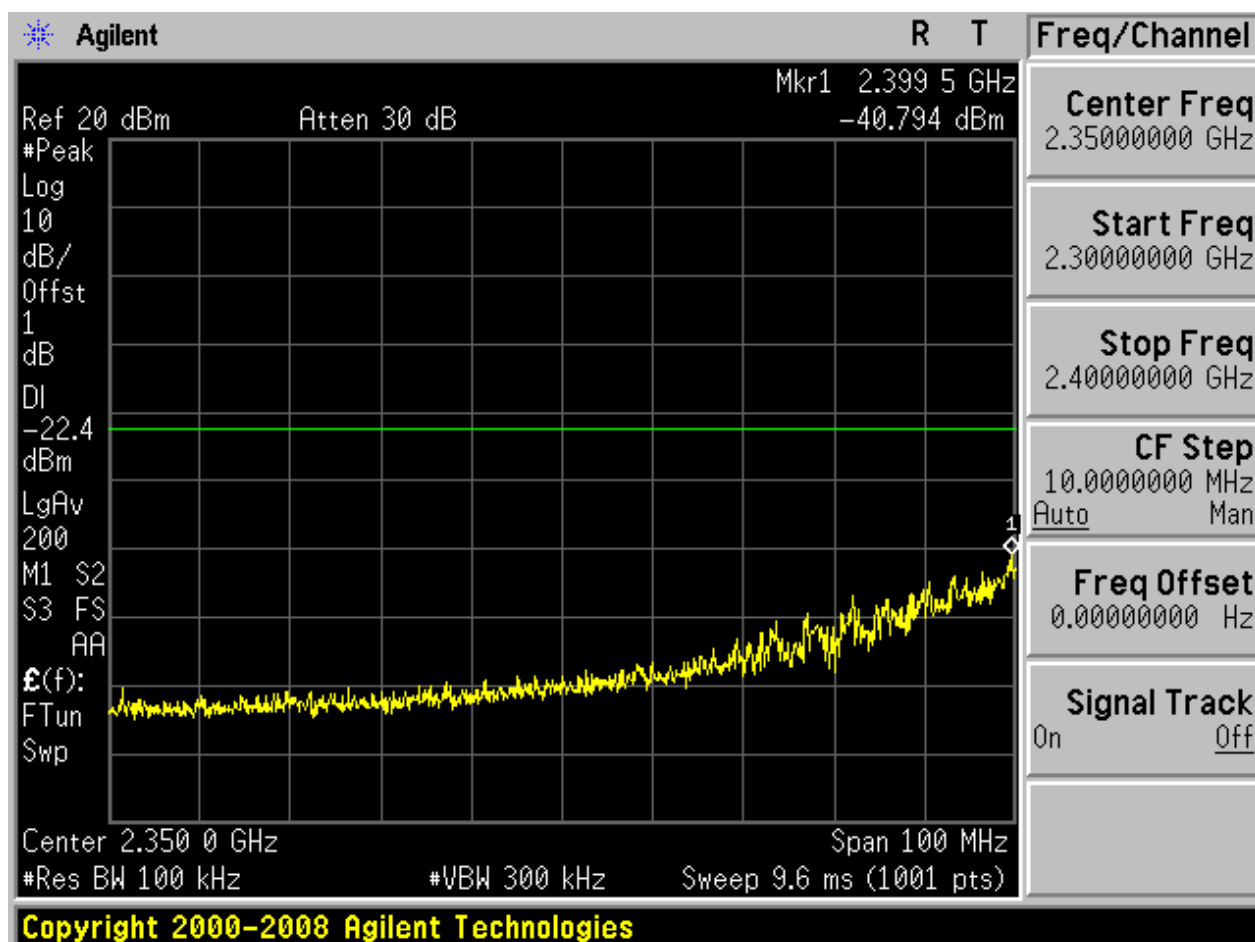


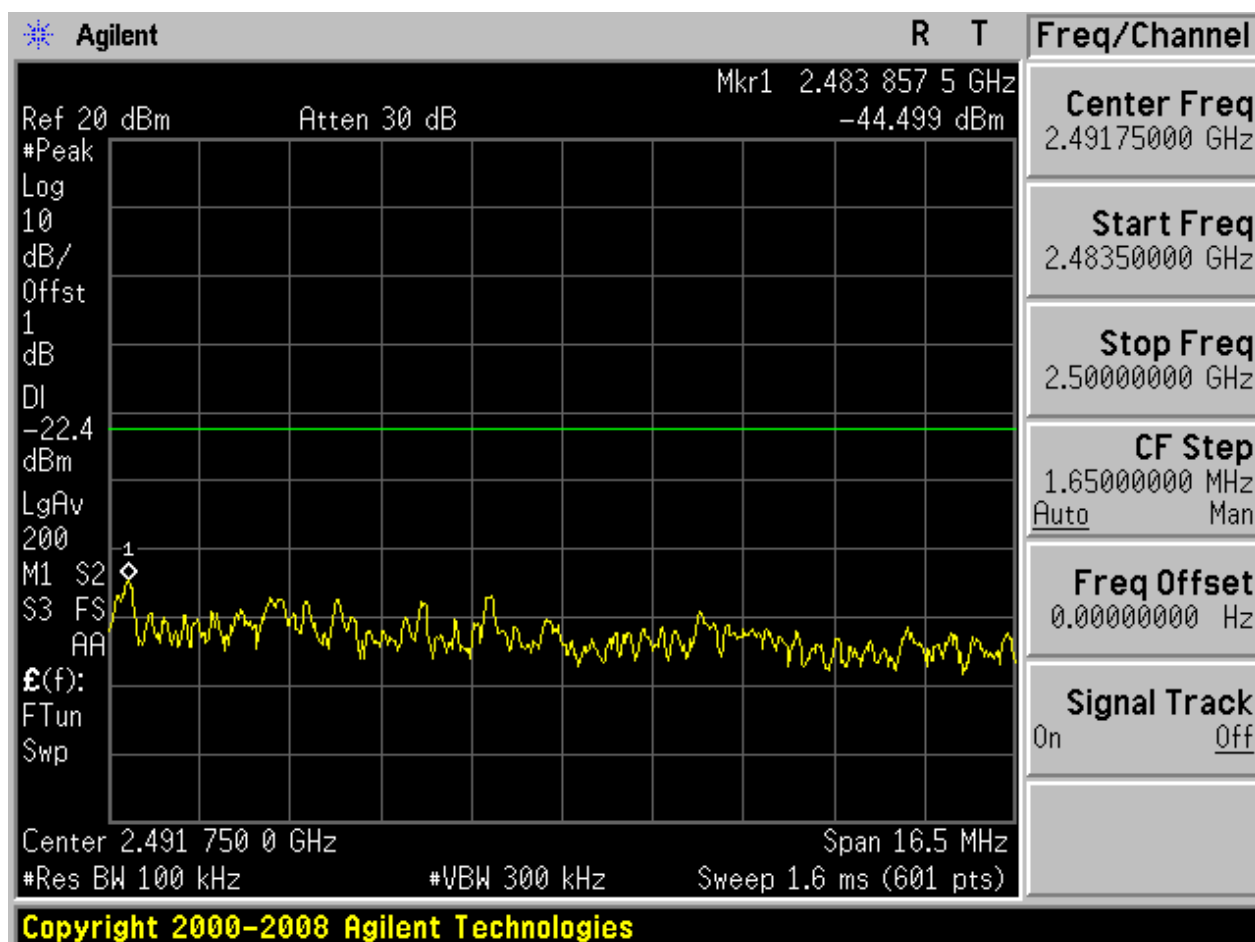
Puw:

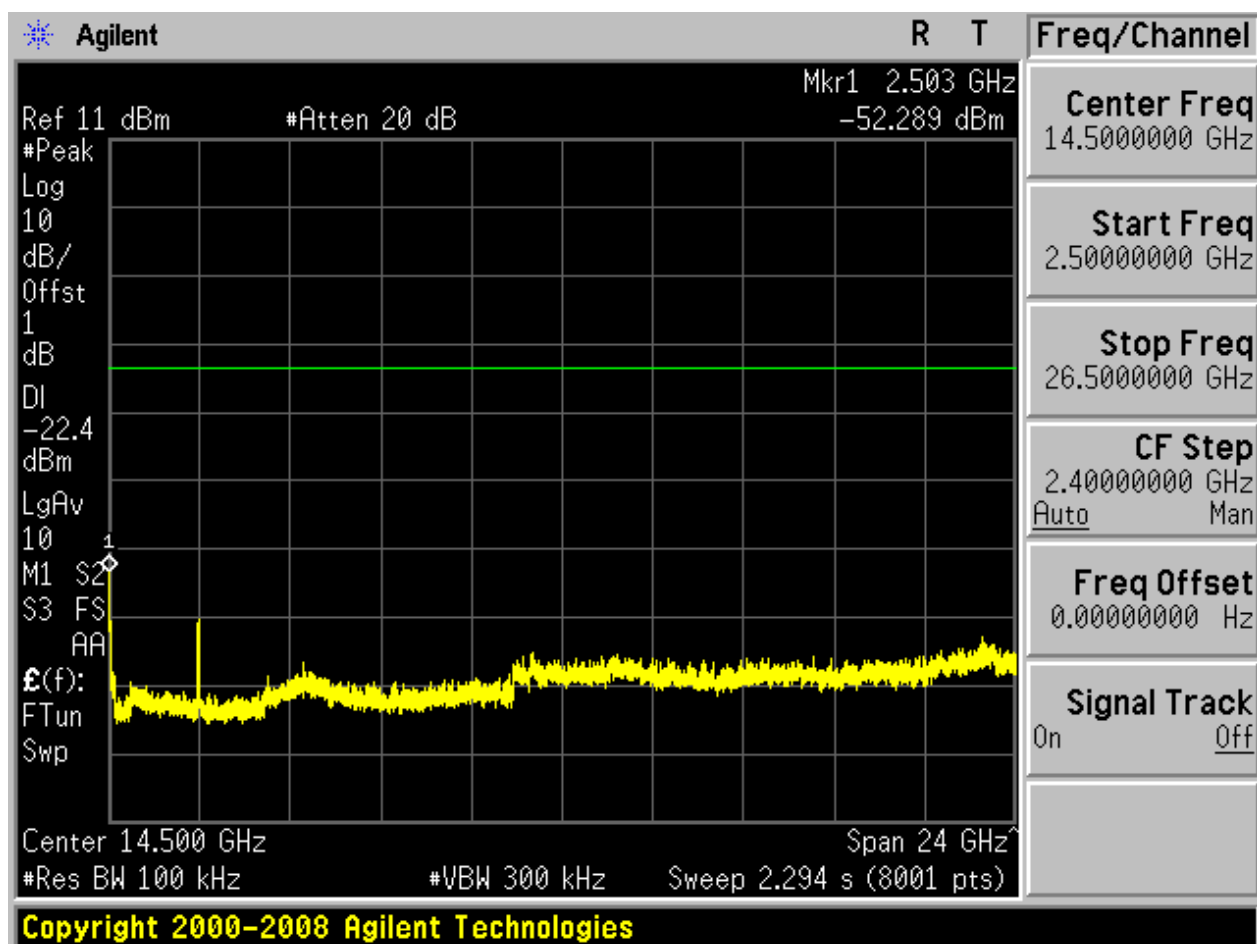






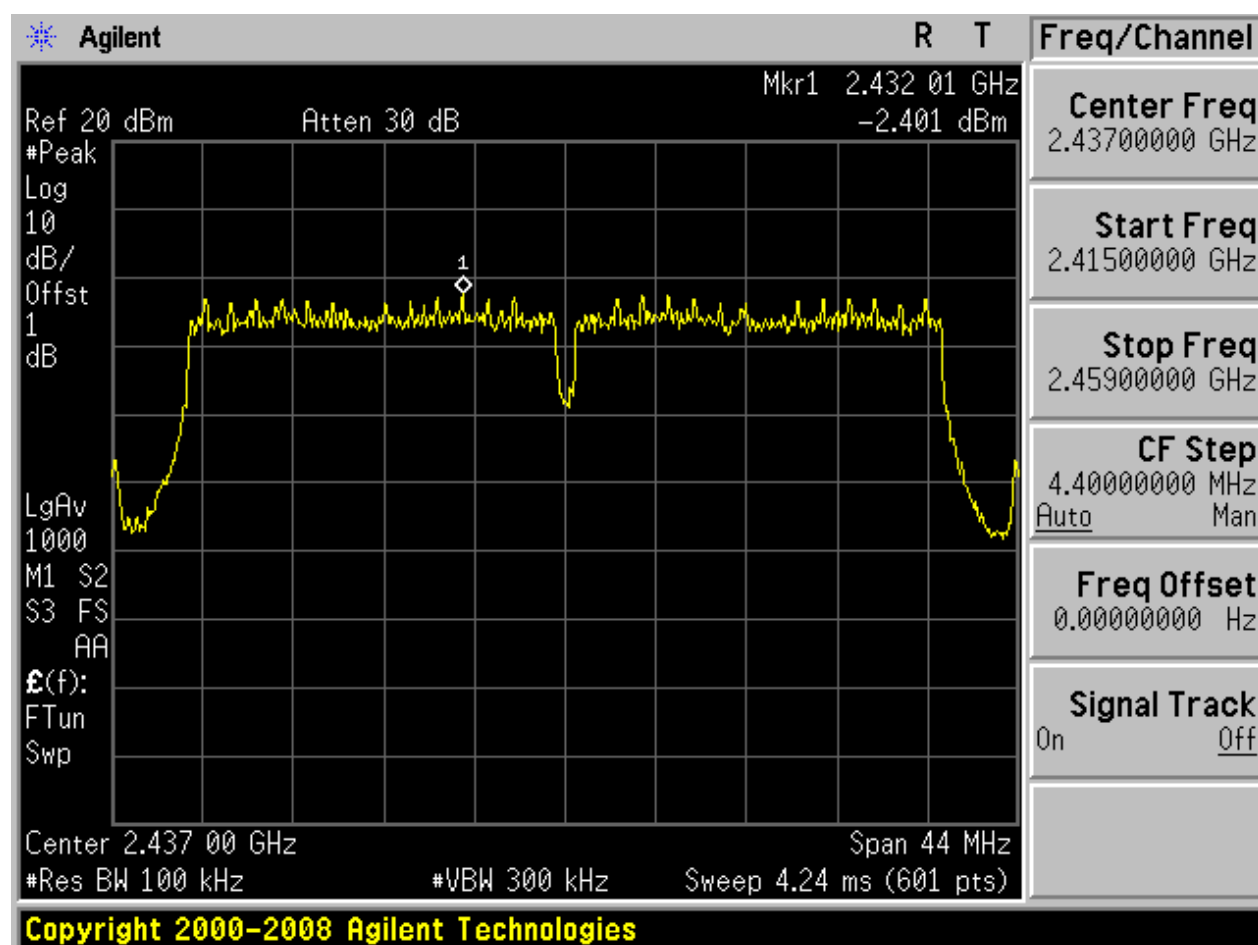




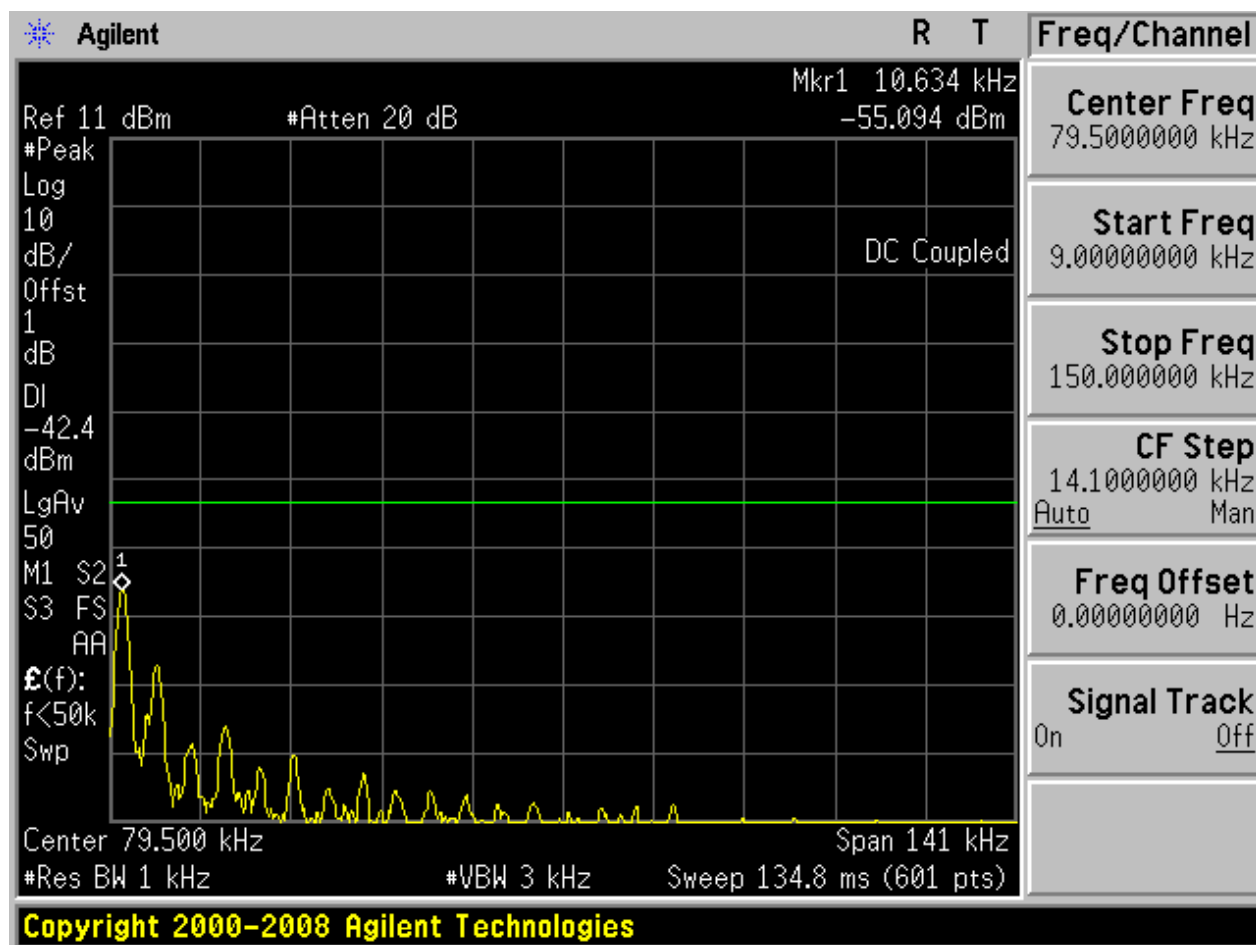


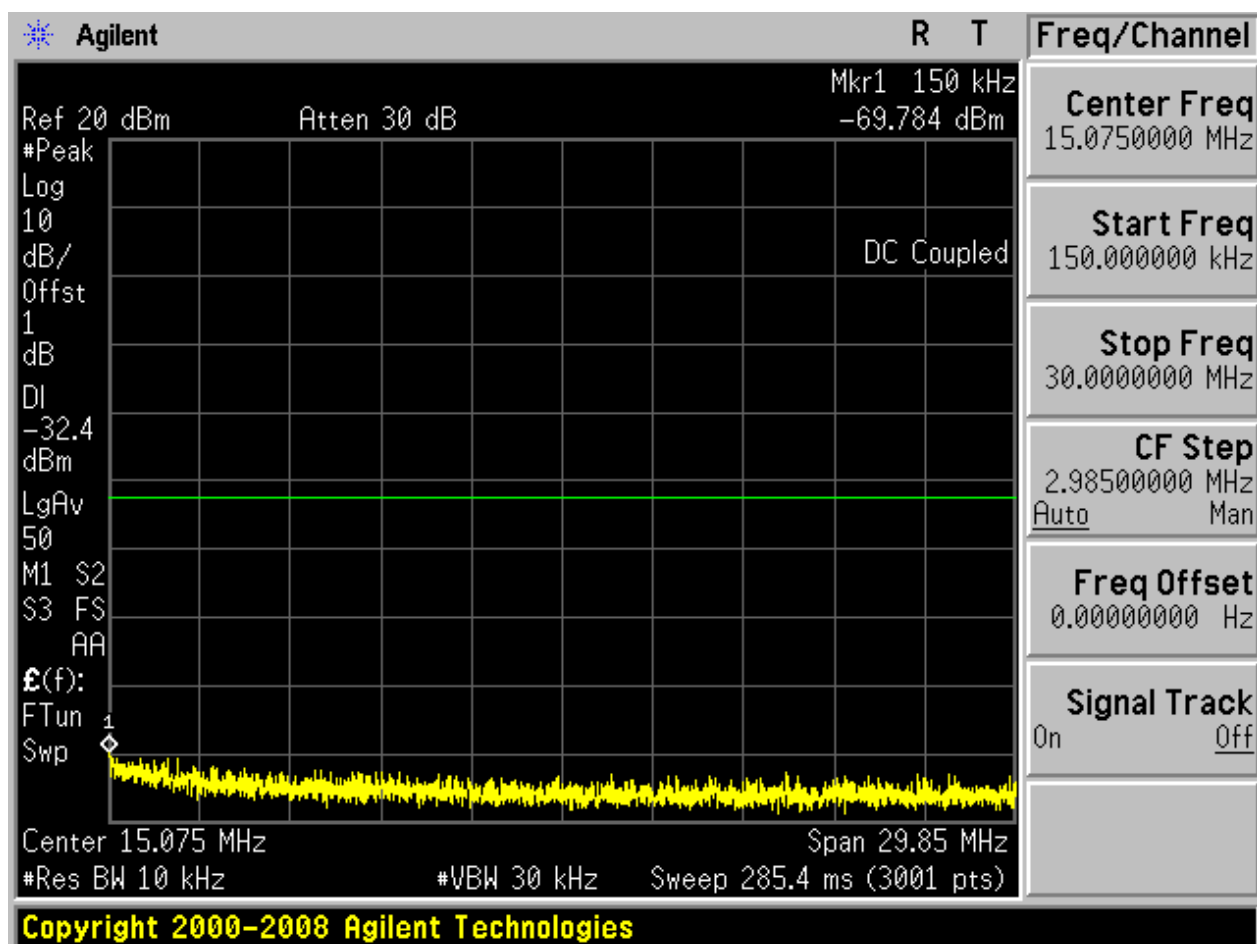
2.34 11N40m_M@Ant 2

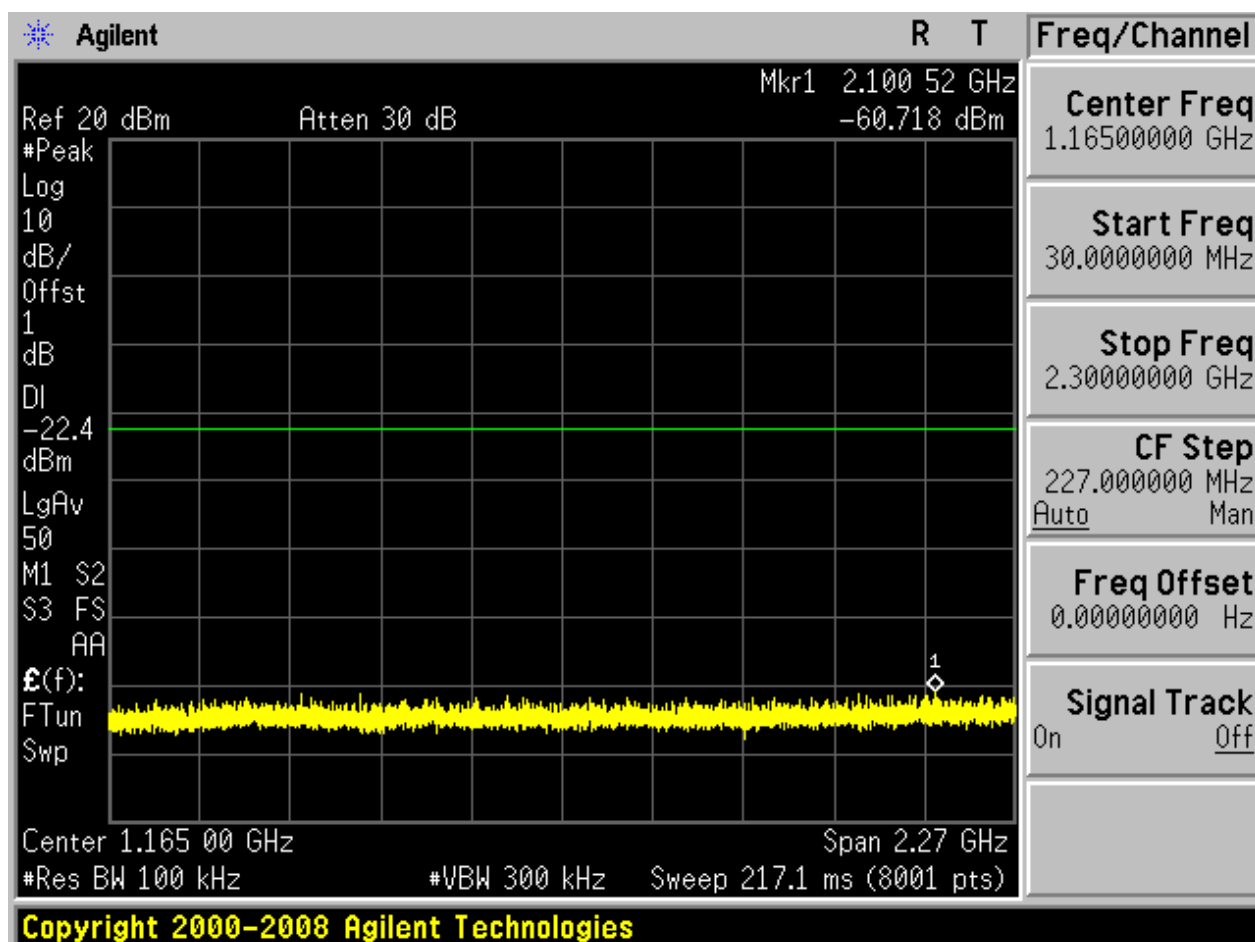
Pref:

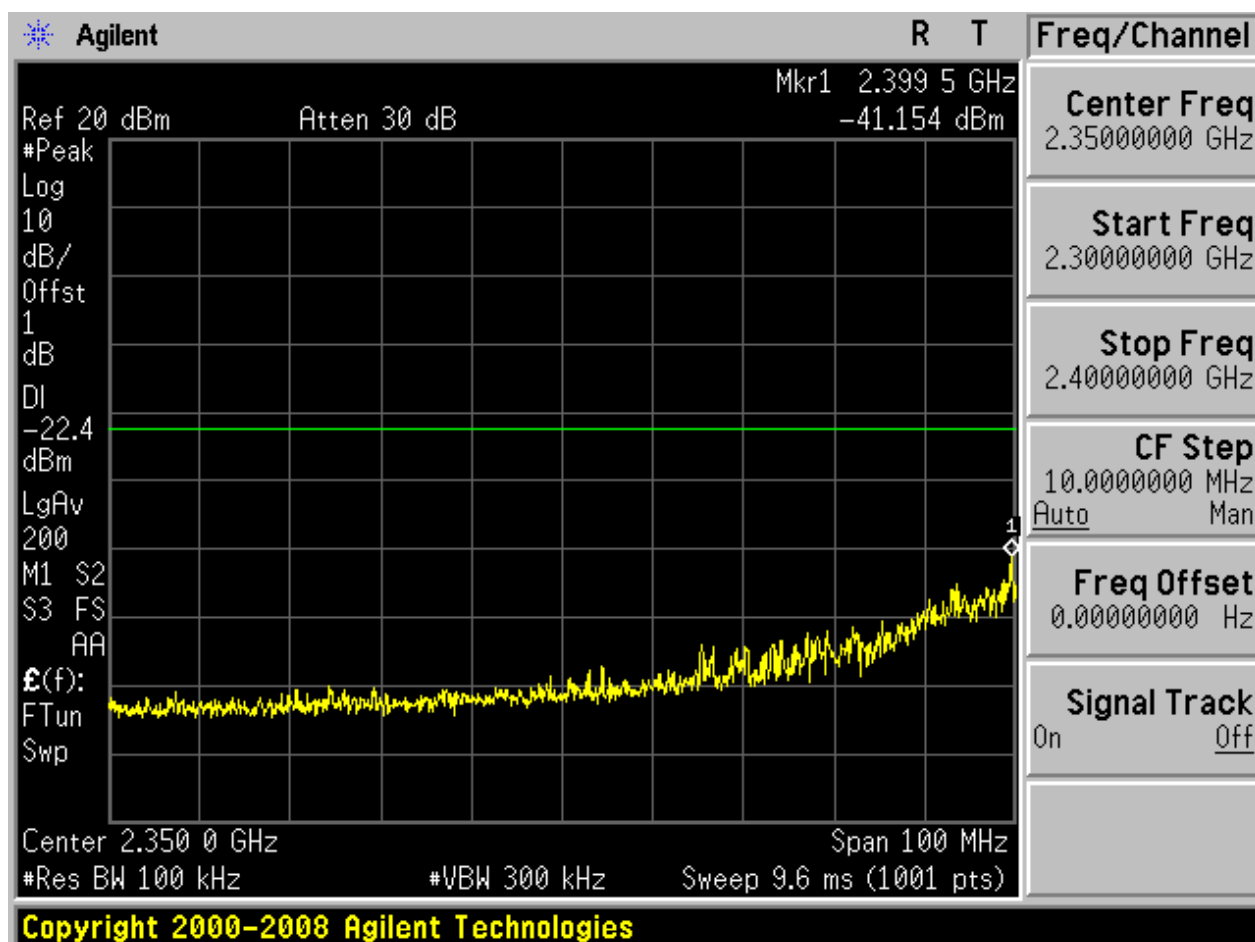


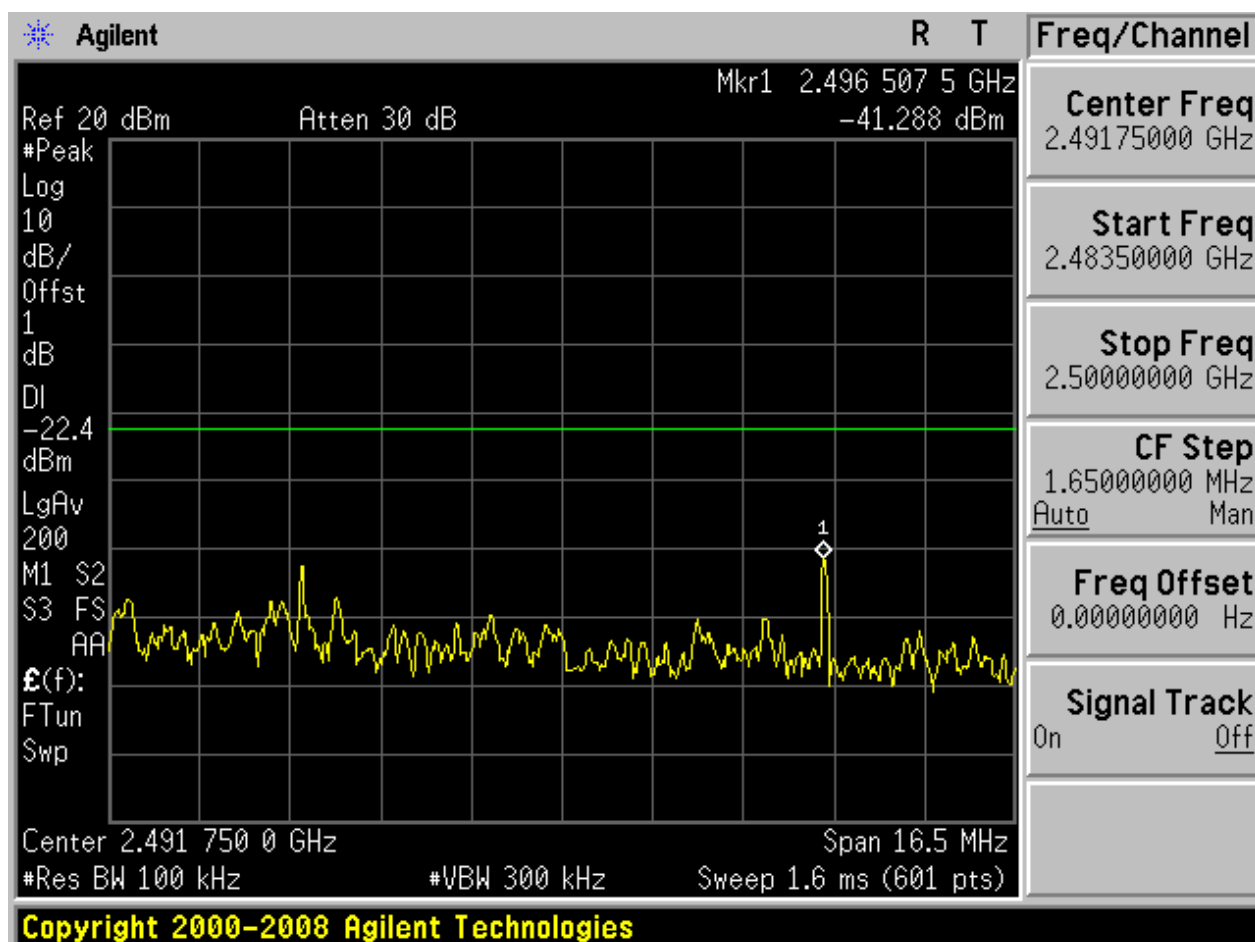
Puw:

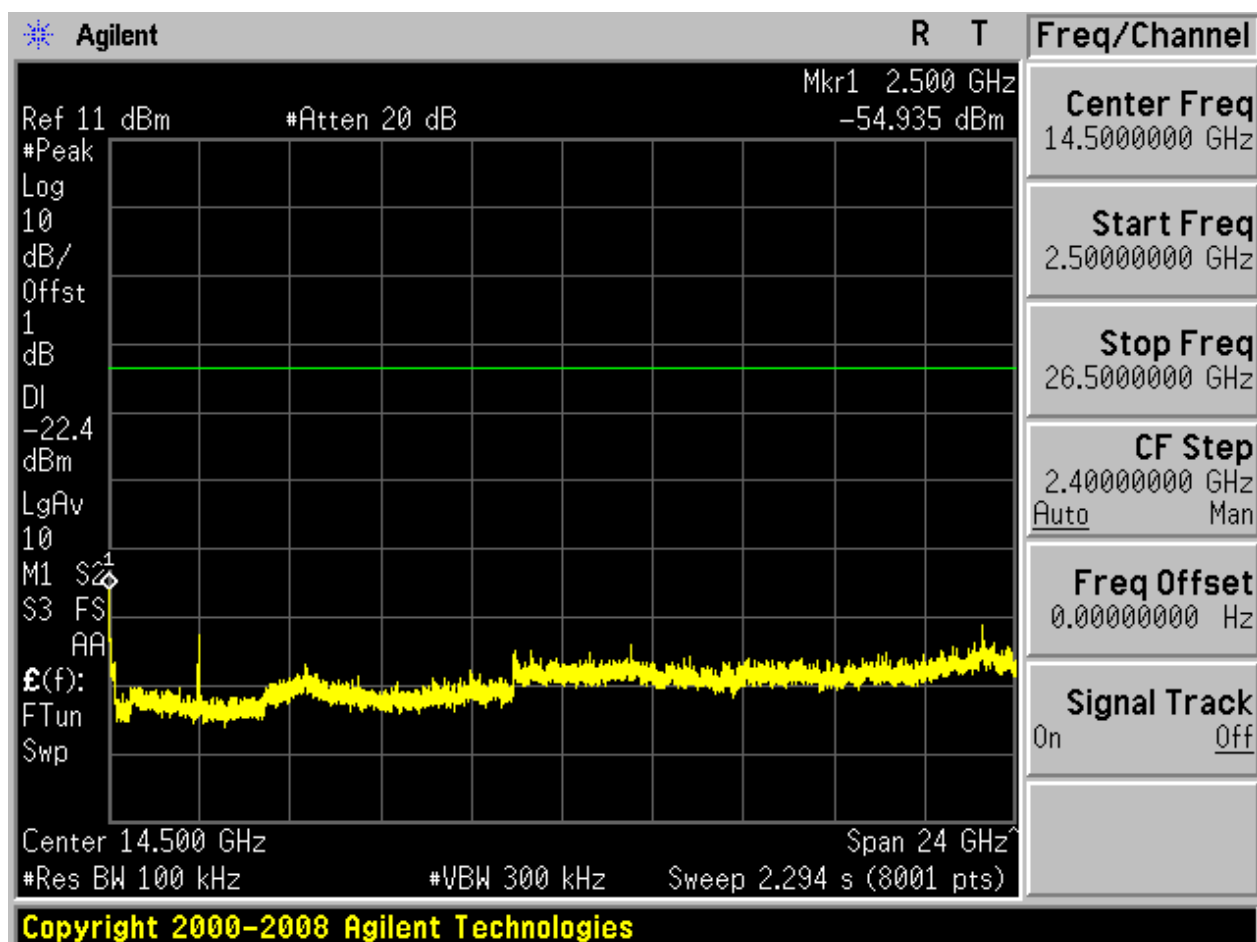






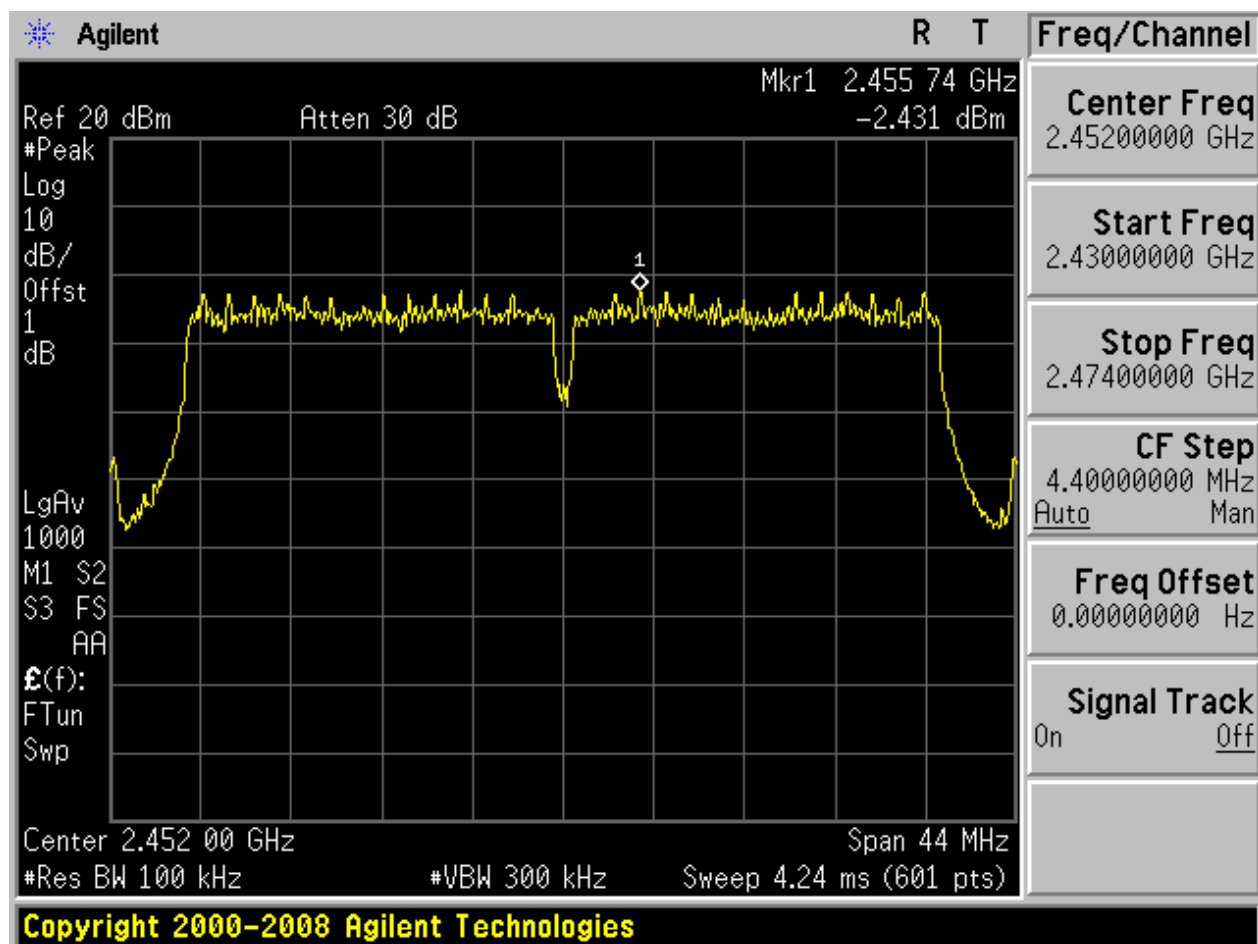




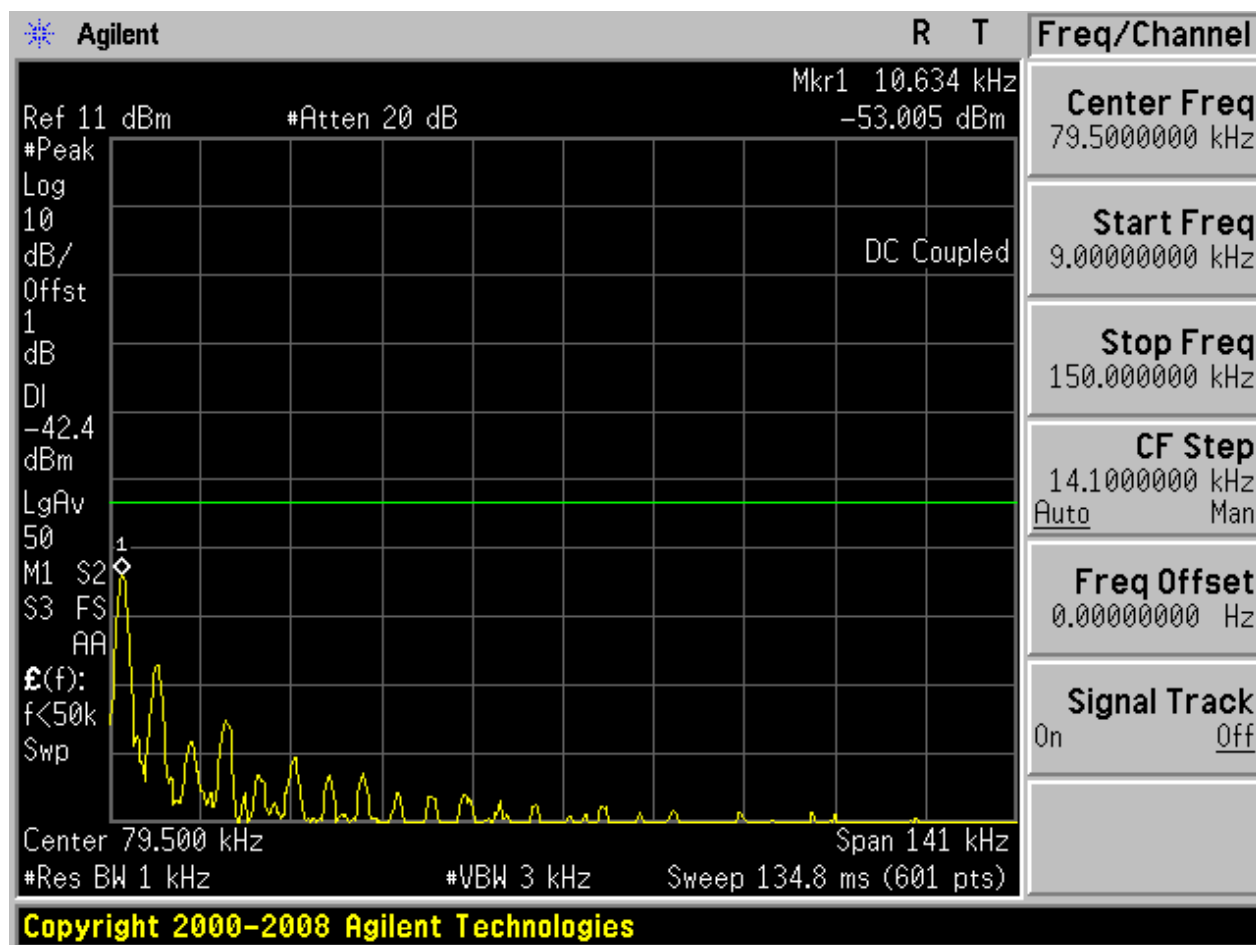


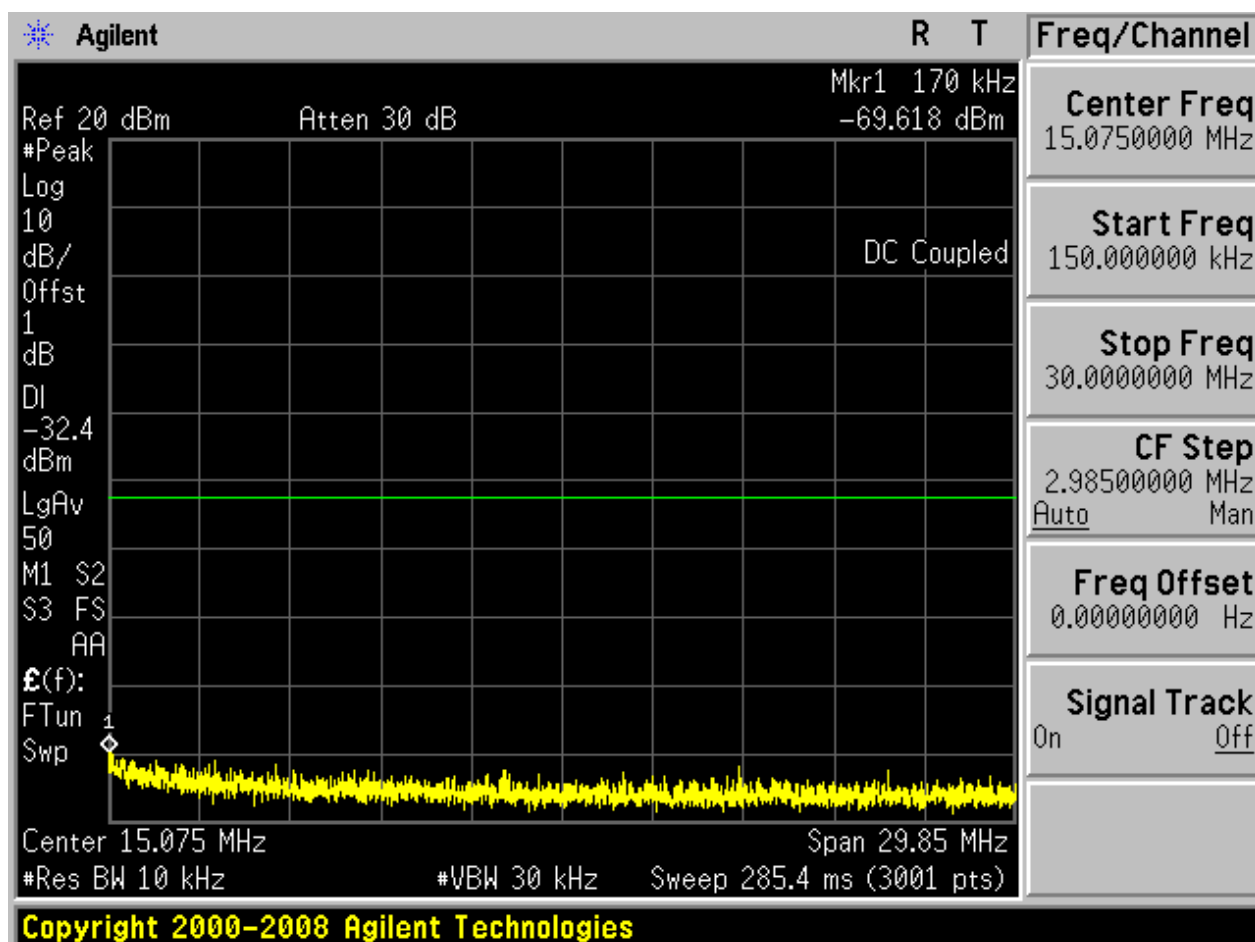
2.35 11N40m_H@Ant 1

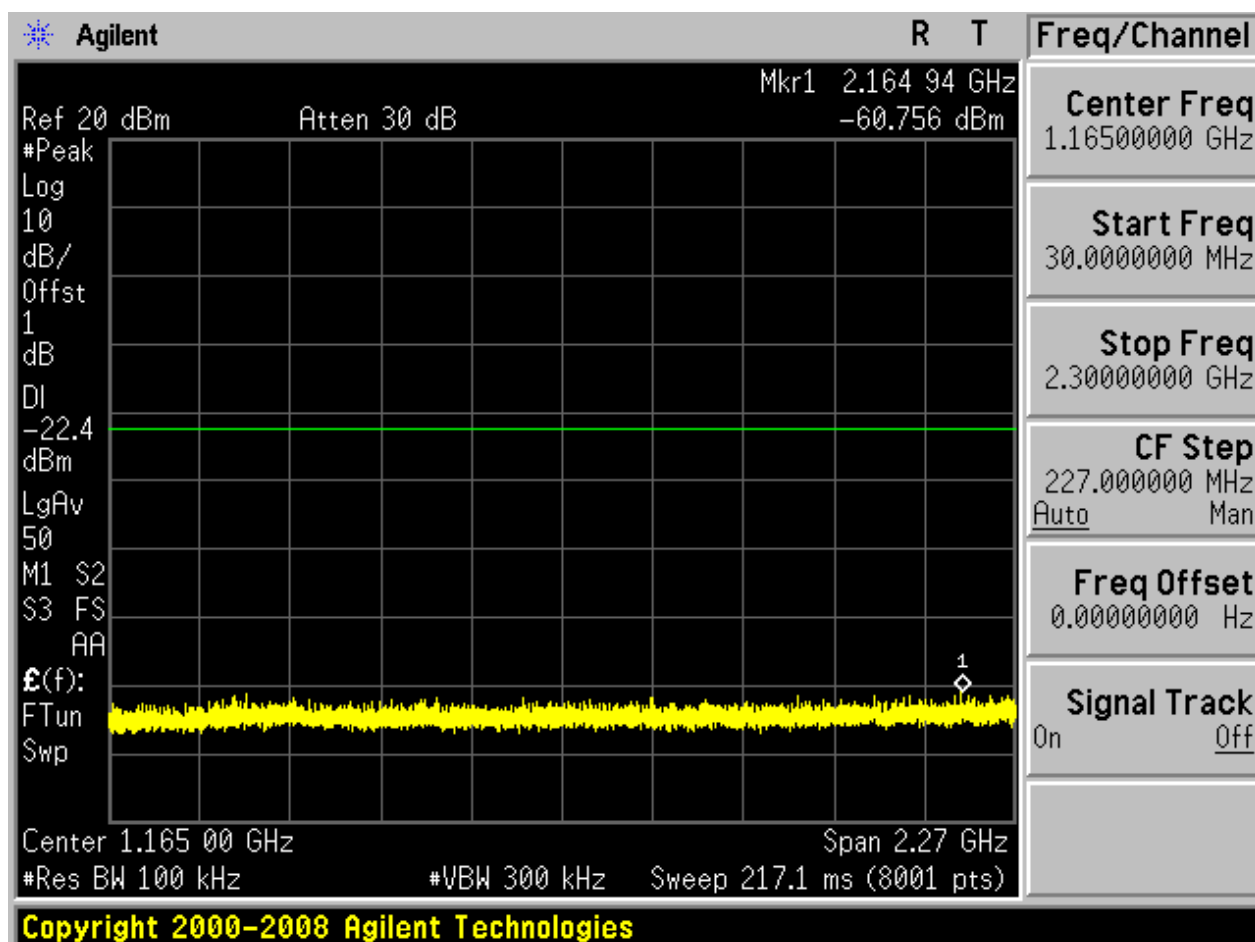
Pref:

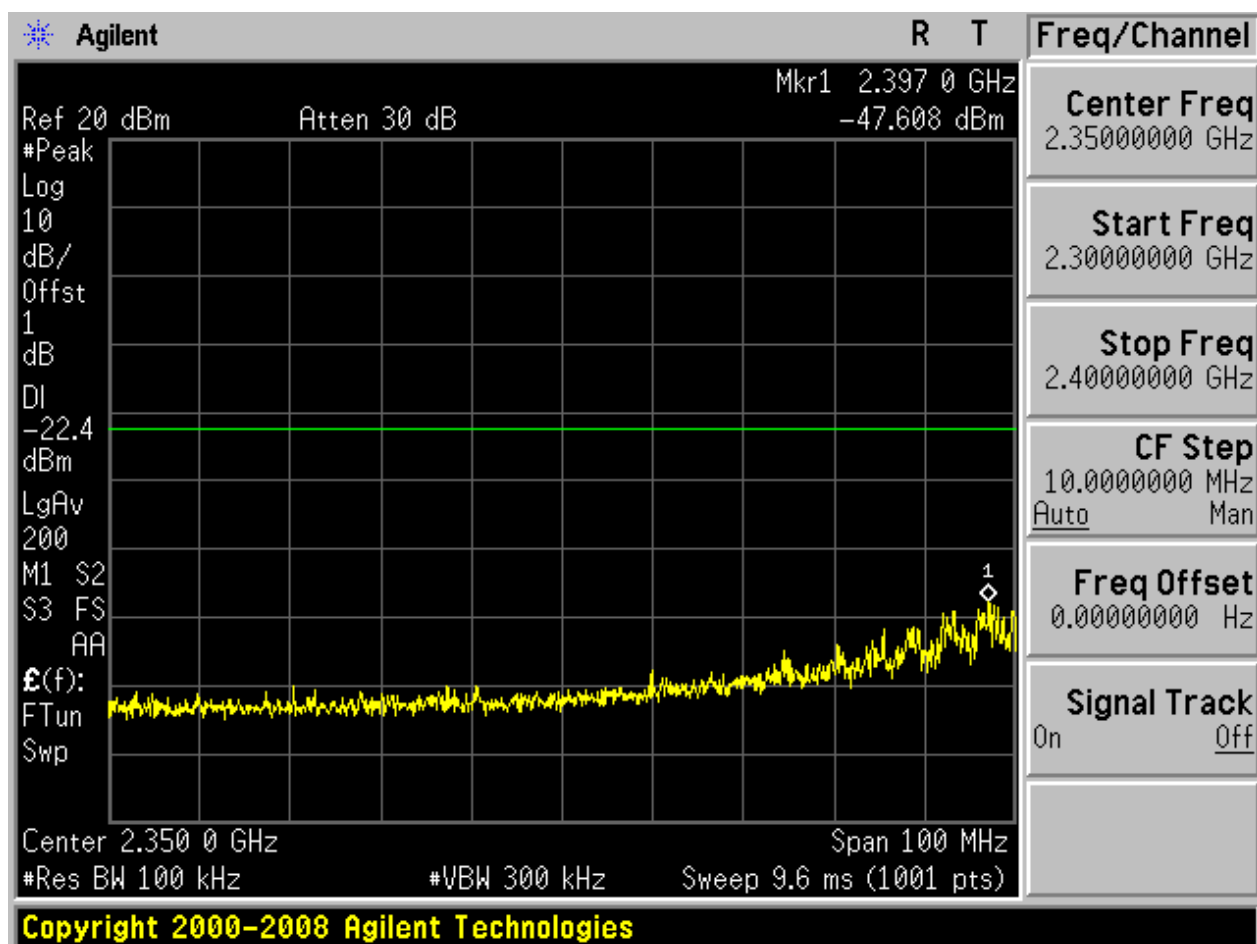


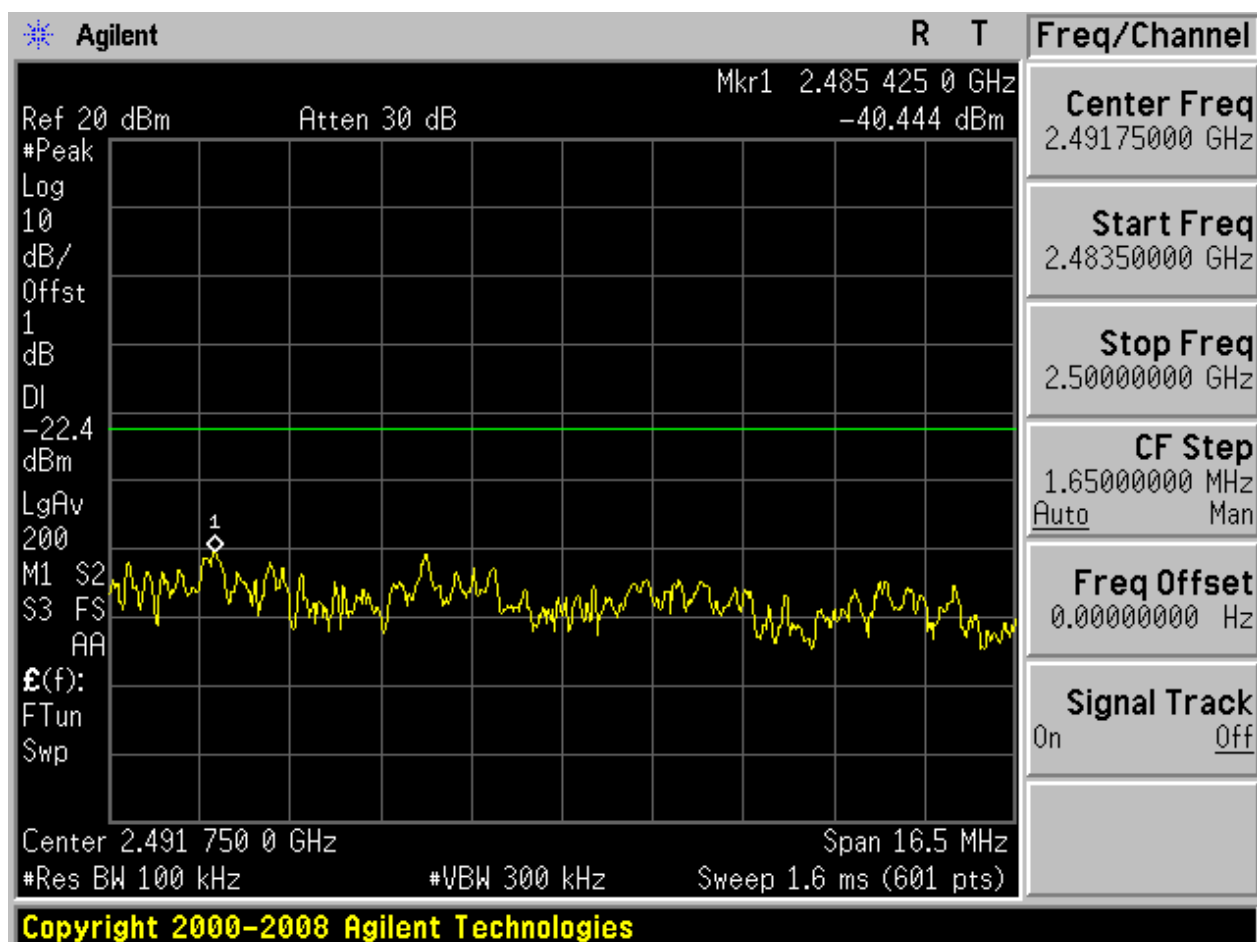
Puw:

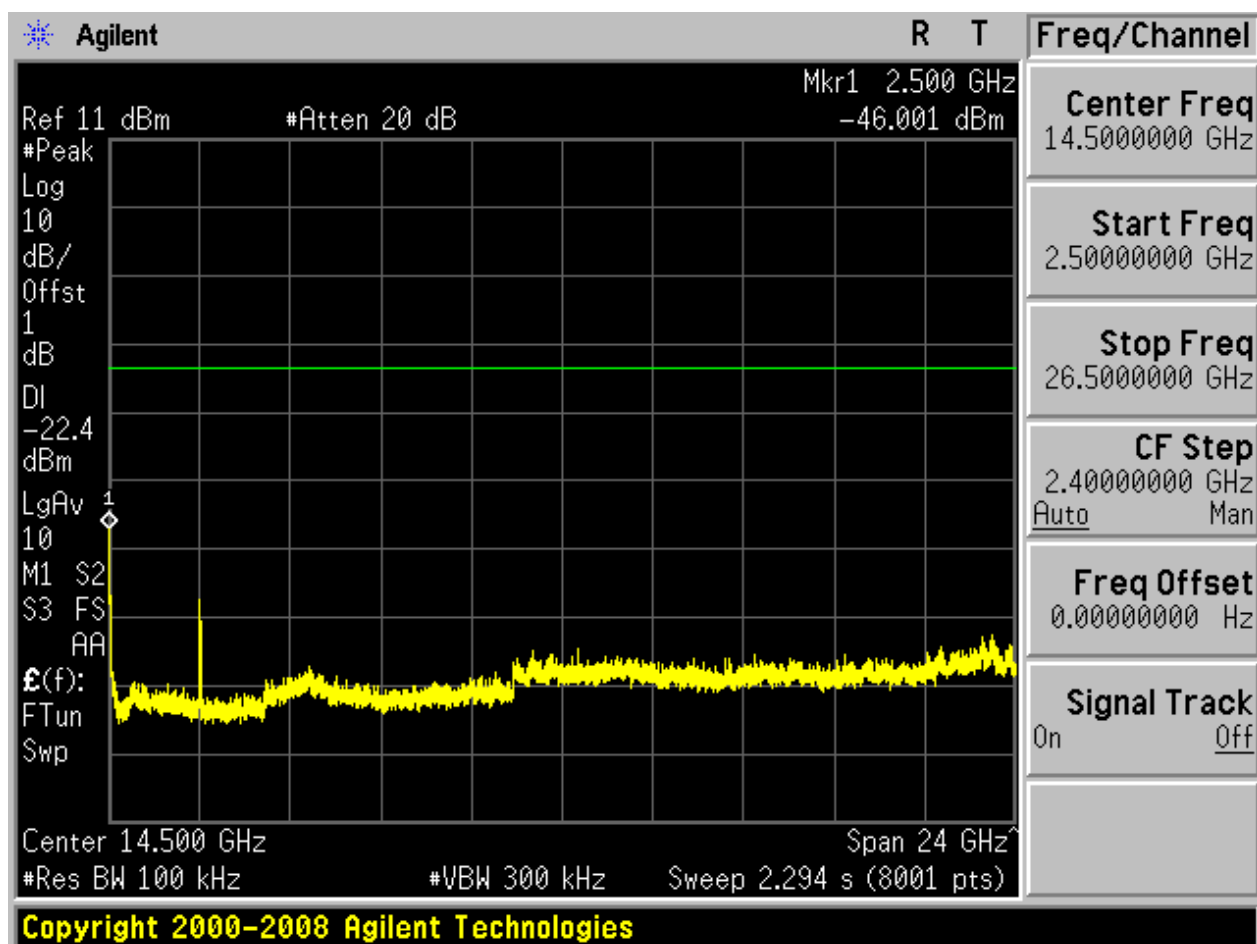






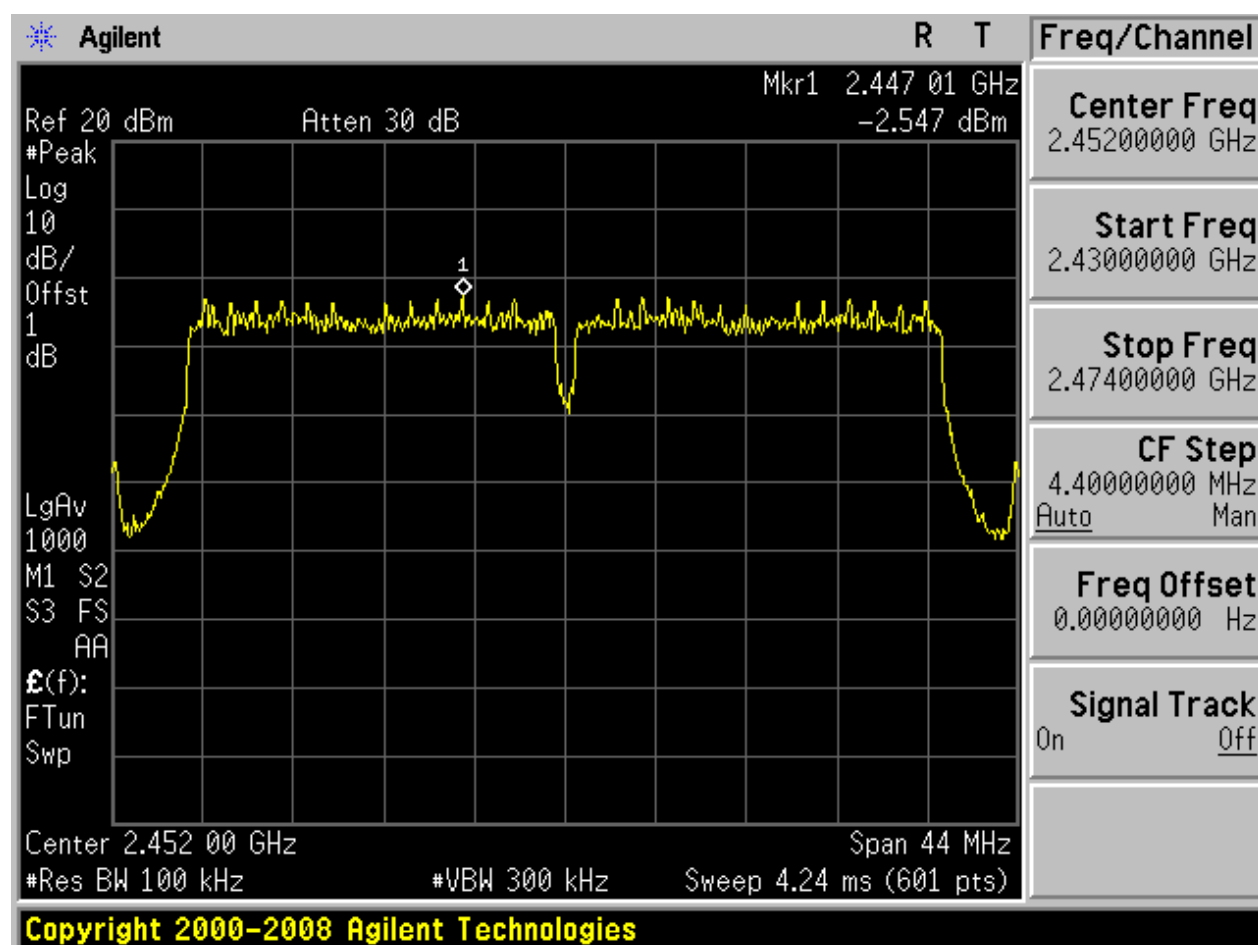






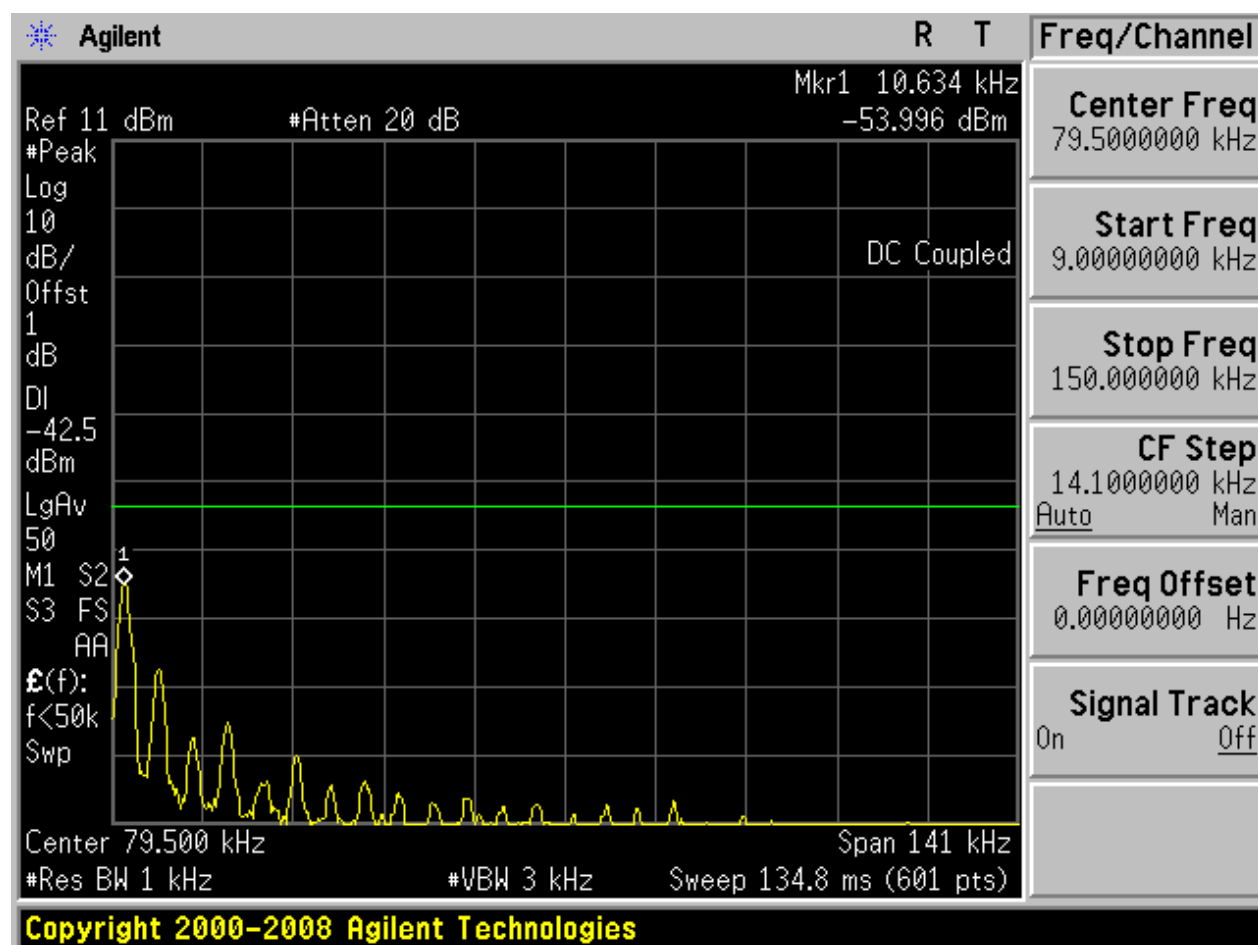
2.36 11N40m_H@Ant 2

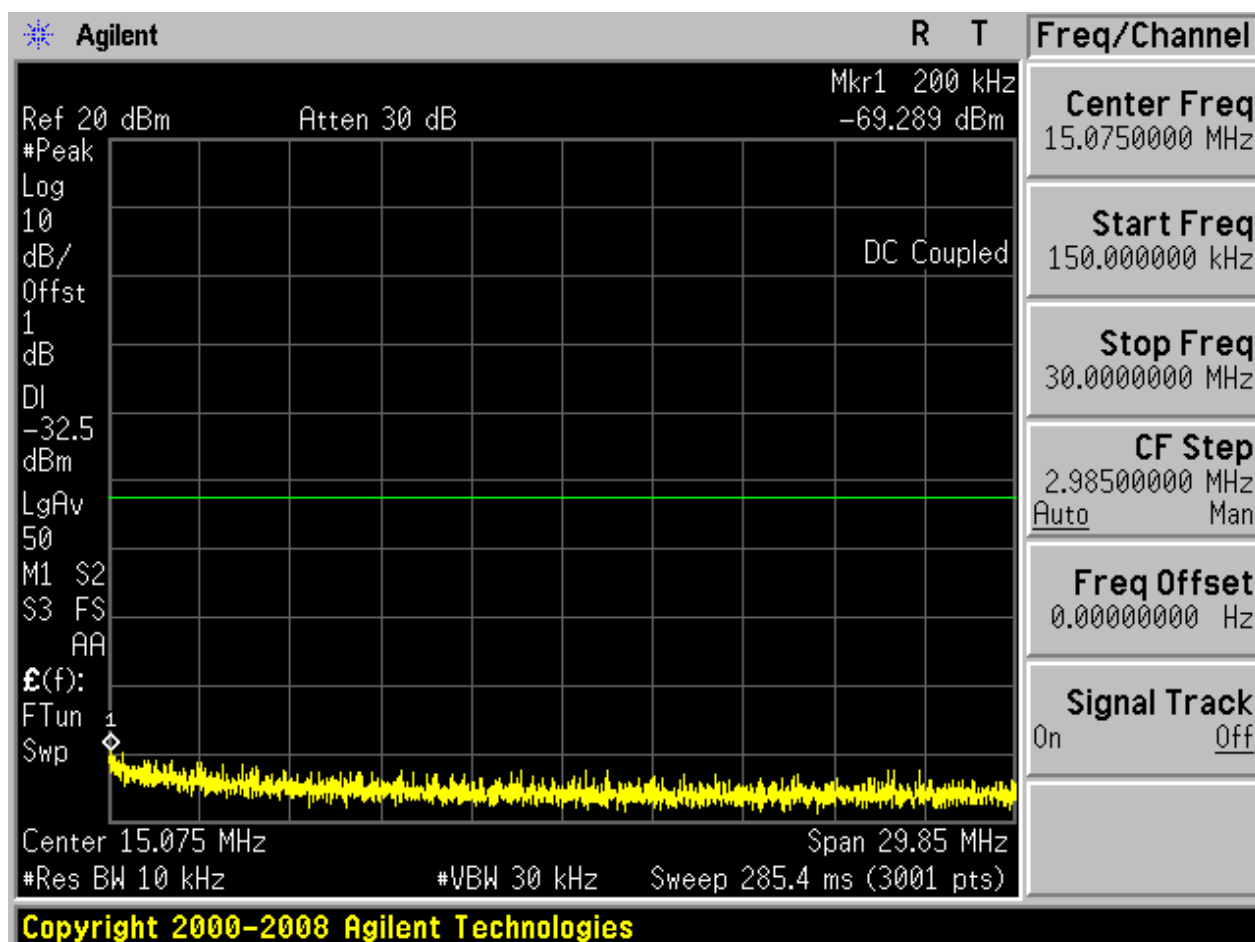
Pref:

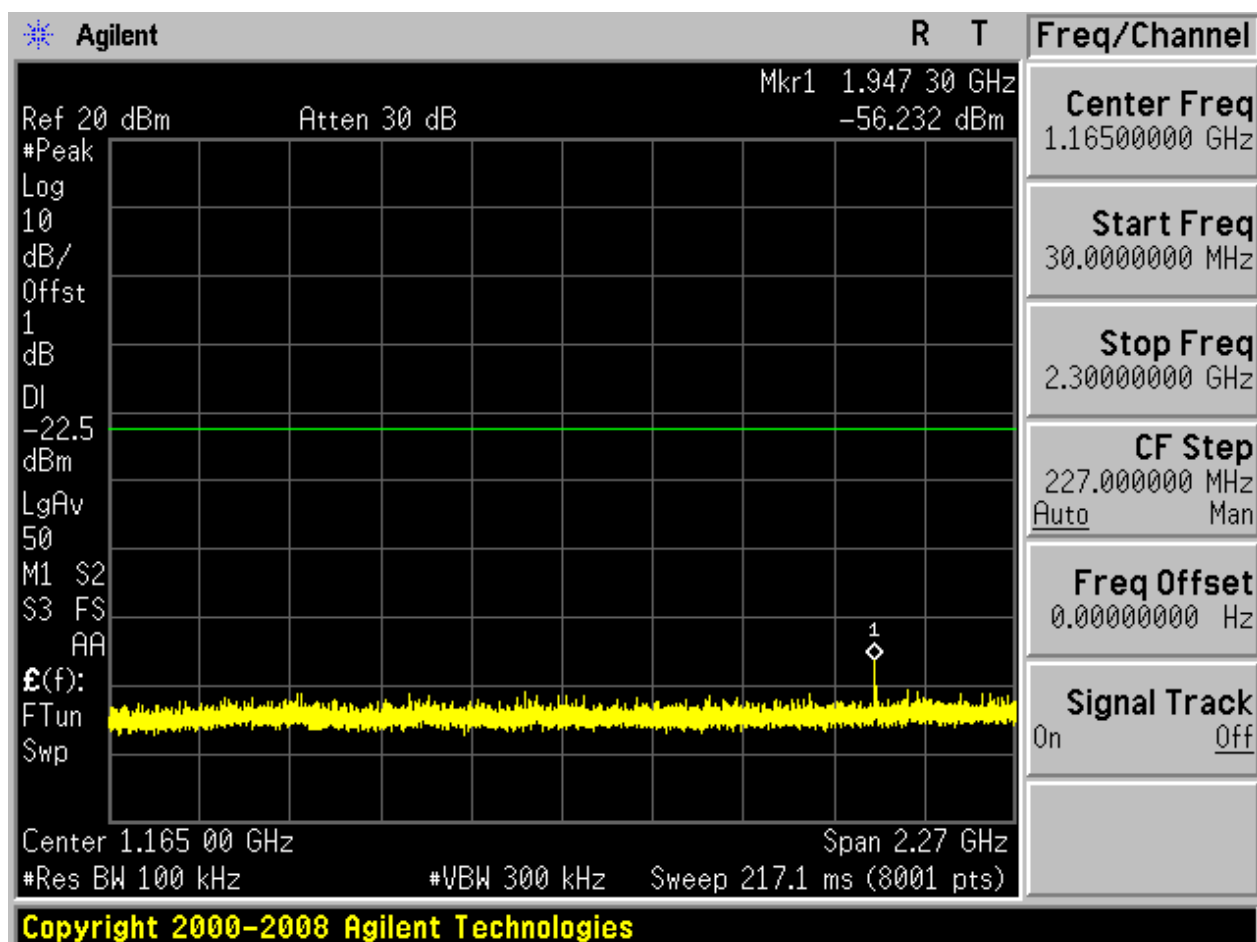


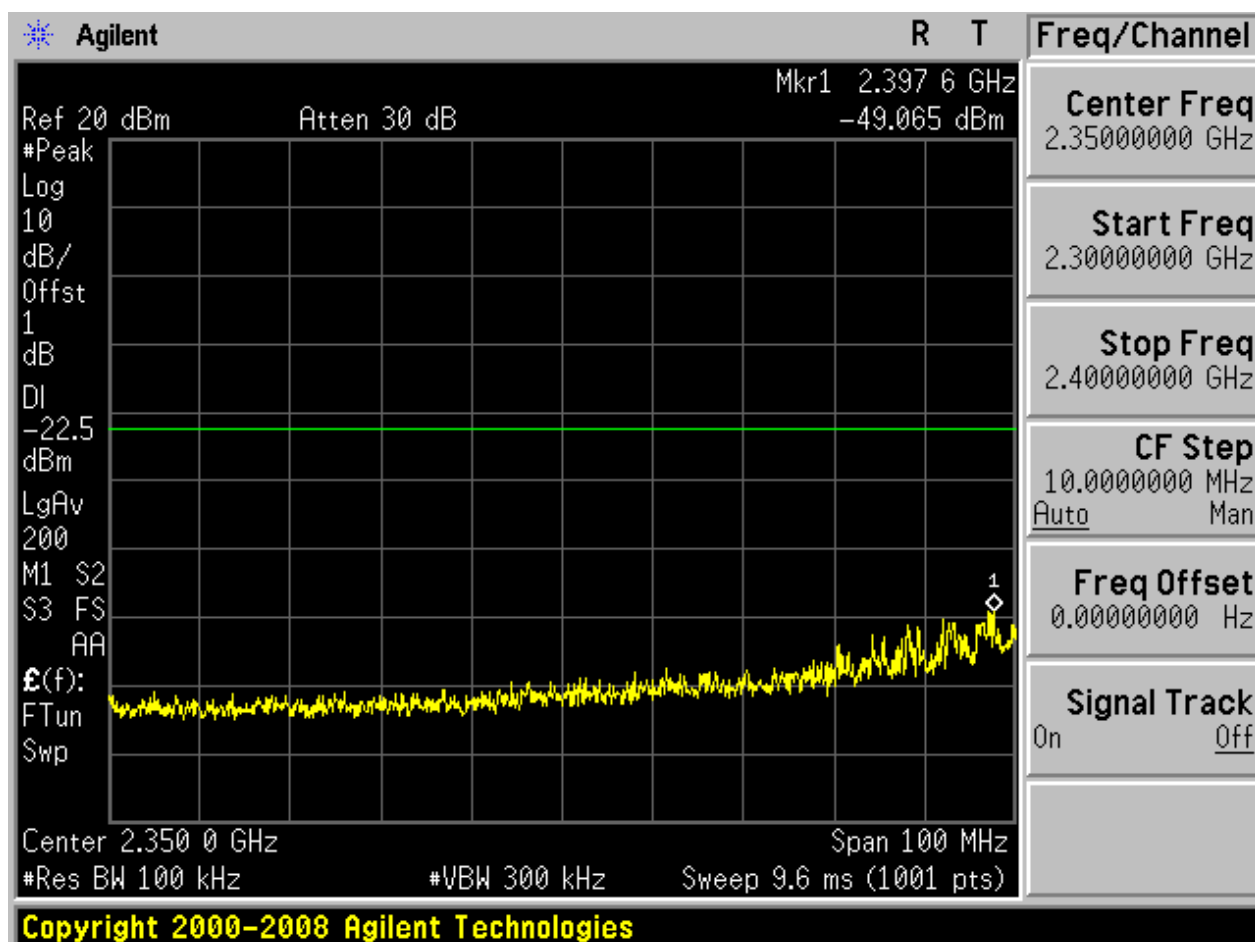


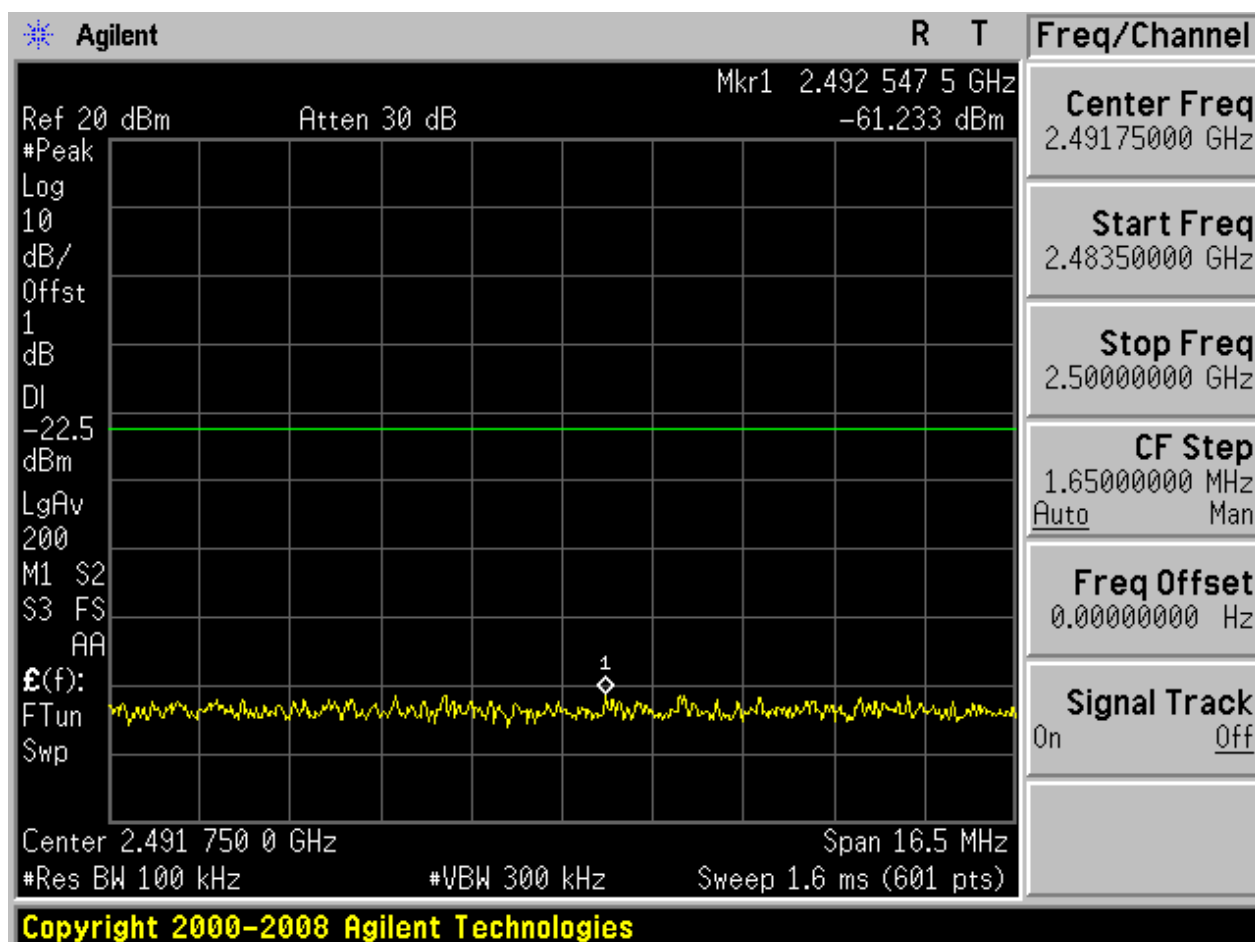
Puw:

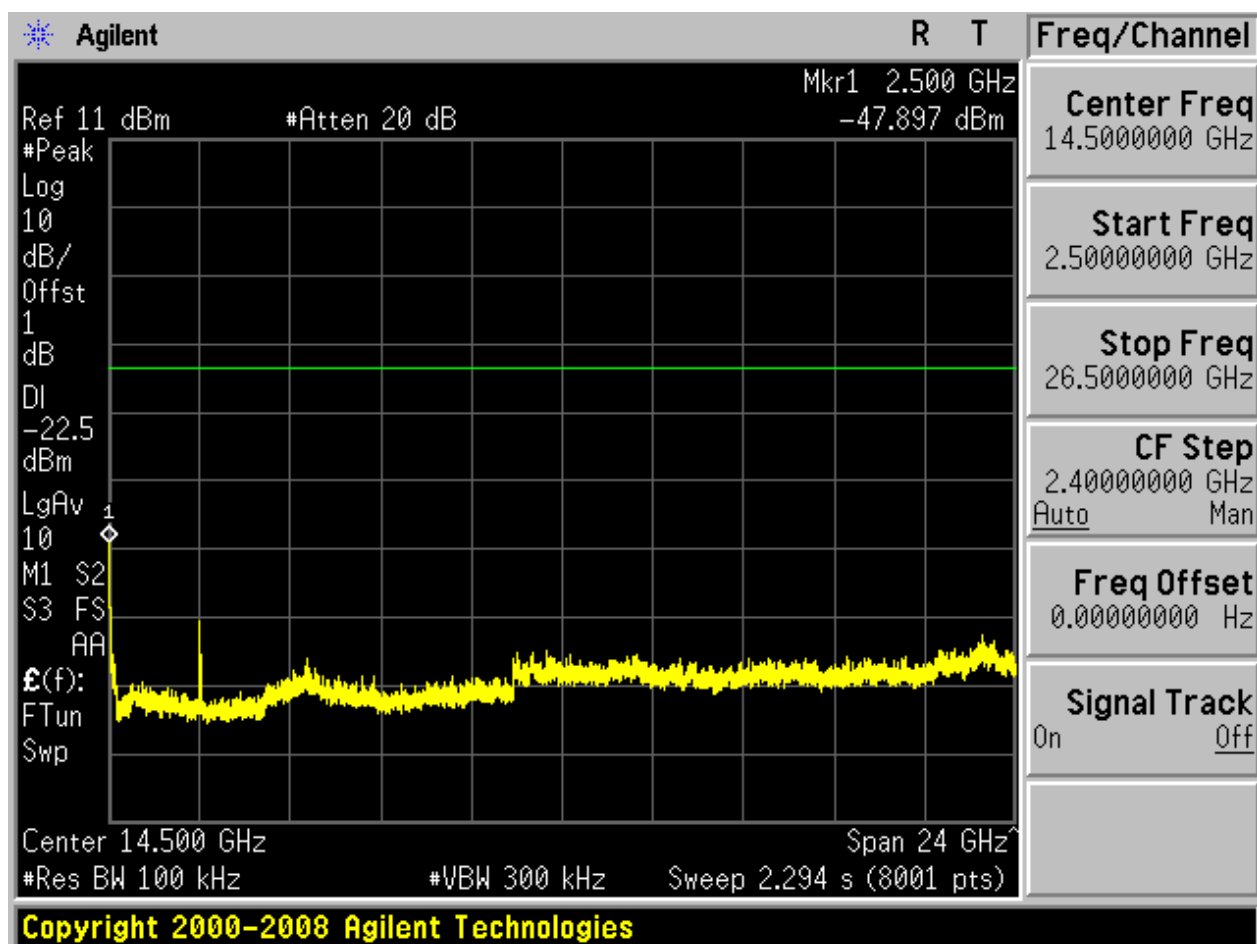












Appendix F: Radiated Spurious Emission & Spurious in Restricted Band

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

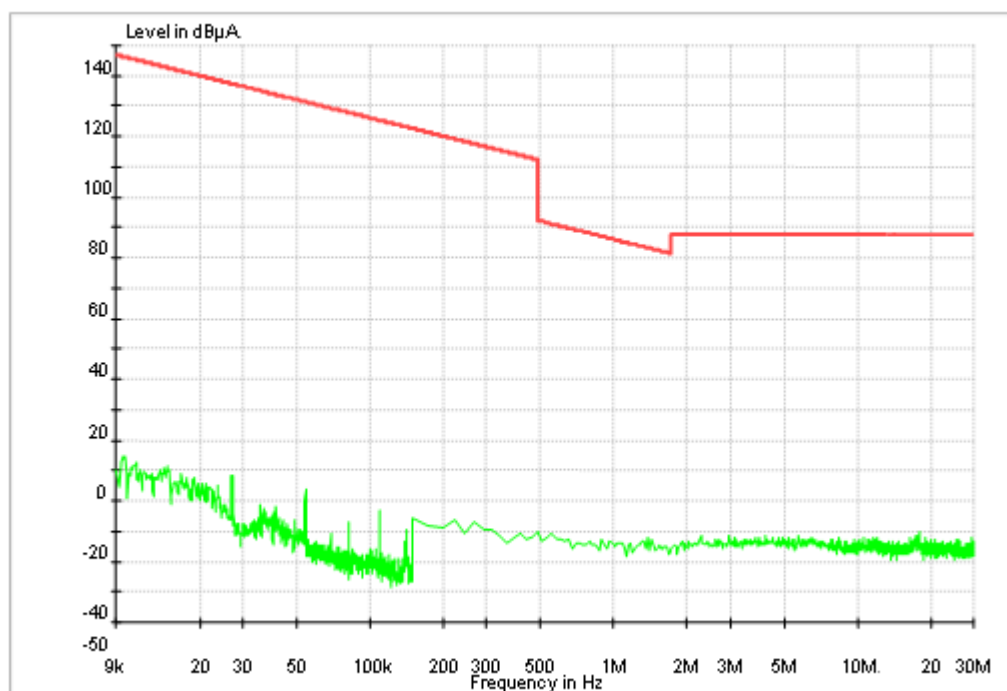
150kHz-30MHz, RBW = 9kHz, VBW = 30 kHz.

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

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

The simultaneous transmission has been considered

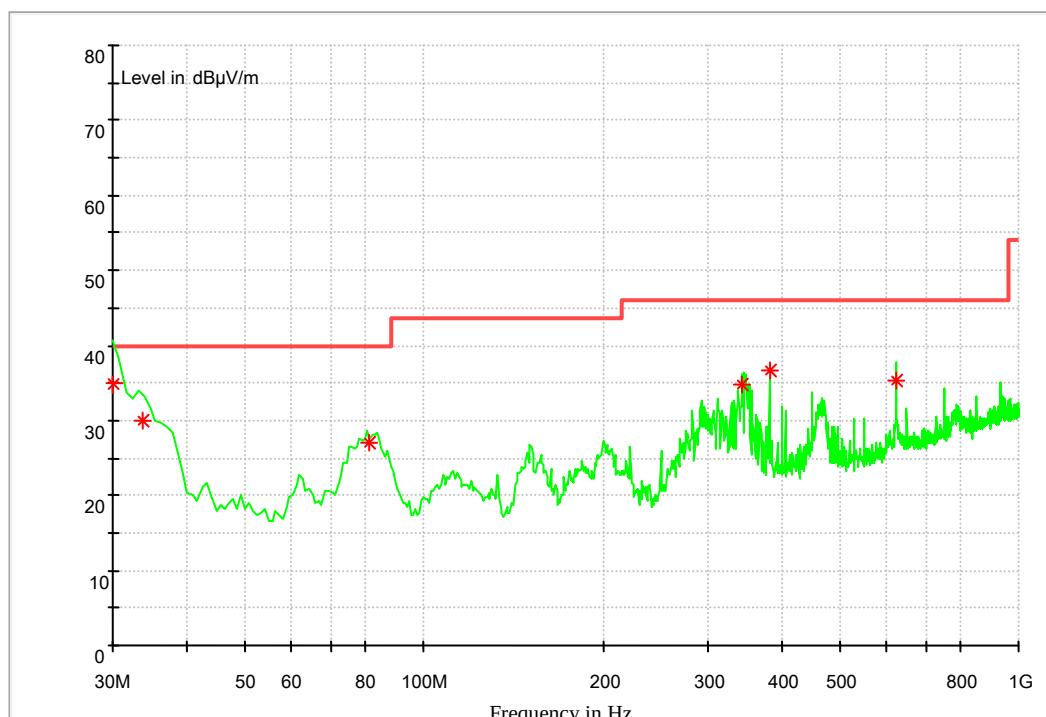
Part 1: Testing Range of “9 KHz to 30 MHz”



Note: No peak found in pre- test.

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

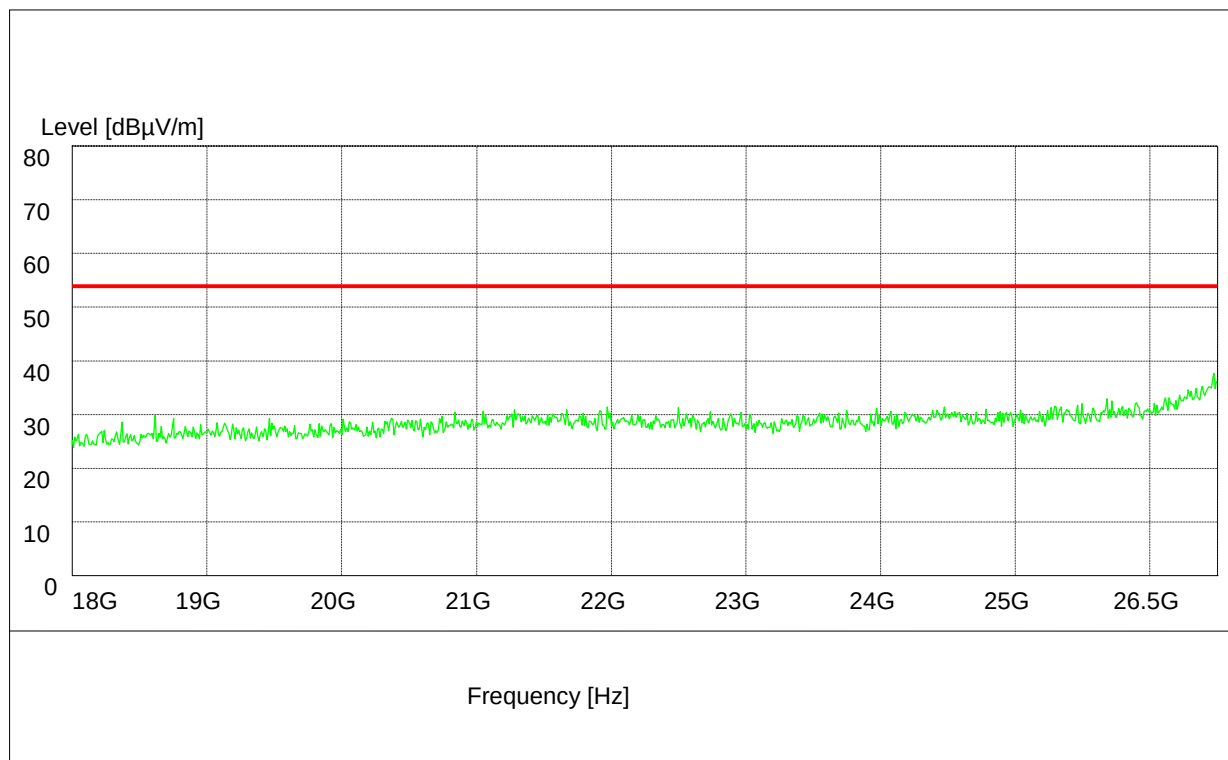
- Note 1: The test results and plot for testing range of “30 MHz to 1 GHz” showed as below is the WORST case for all Test Modes and Channels. This range will not be presented for each Test Mode and each Channel.
- Note 2: The emissions in this range are mainly from the Platform Device (Notepad PC and its ancillary components).



Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Plarization
30.096000	35.8	13.8	40.0	4.2	100.0	139.0	VERTICAL
33.585920	29.8	14.4	40.0	10.2	100.0	40.0	VERTICA
81.138880	27.0	10.8	40.0	13.0	129.0	0.0	VERTICA
343.843520	34.7	16.6	46.0	11.3	129.0	42.0	VERTICA
380.917120	36.7	17.5	46.0	9.3	137.0	136.0	VERTICA
624.039680	35.3	22.1	46.0	10.7	155.0	338.0	VERTICA

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

Note: No peak found in pre- test.



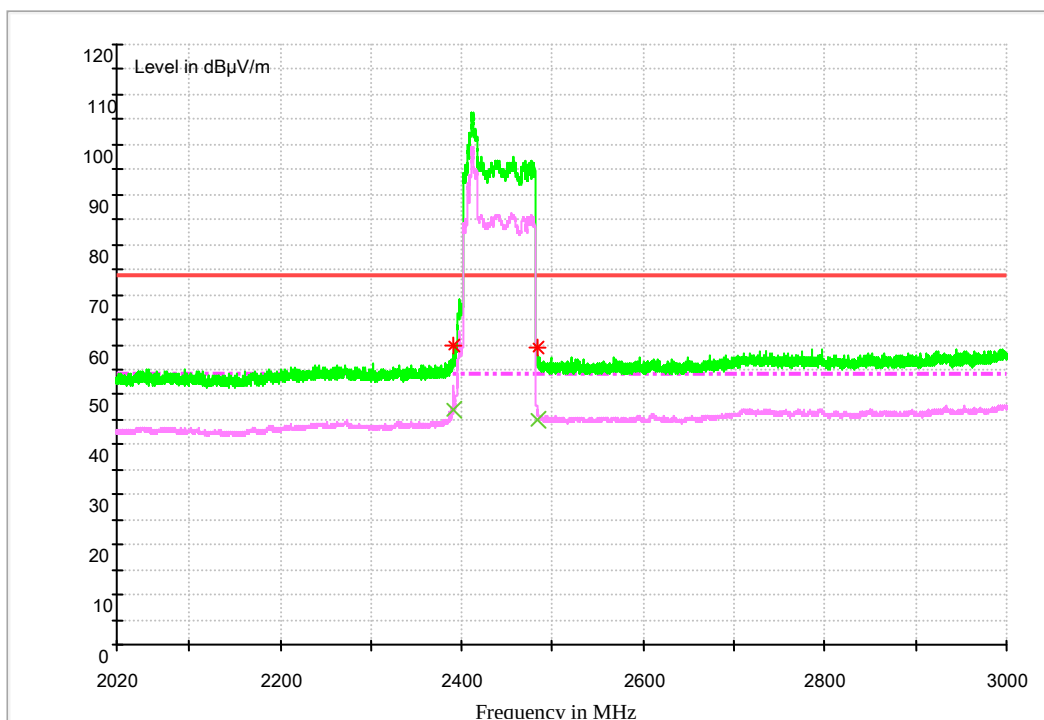
Part 4: Testing Range of “2.3GHz to 2.5GHz”

- Note 1: The testing range of “2.3 GHz to 2.5 GHz” is for checking radiated emissions located in restricted bands near the EUT operating bands.
- Note 2: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).
- Note 3: The peak spike exceeds the limit line is EUT’s operating frequency.

Test Mode: 11b-ant 0-ch1

Channel 01

FCC CLASS B WIFI 1GHz-3GHz



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

MEASUREMENT RESULT: PK Detector

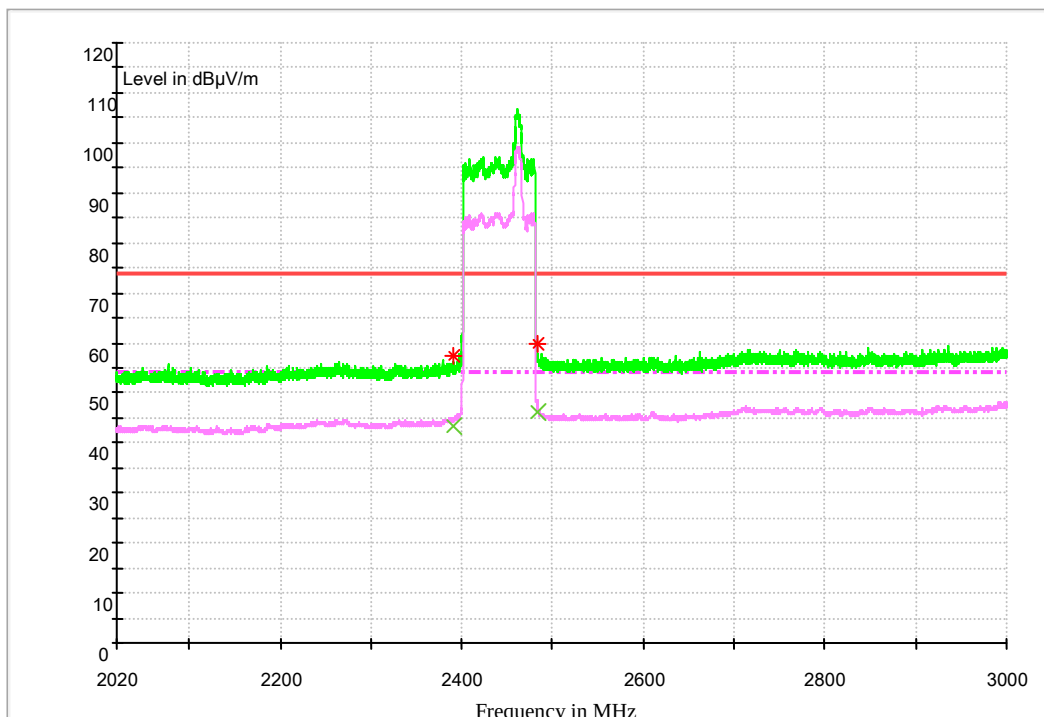
Frequency MHz	Level dB μ V/m	Transd dB	Limit dB μ V/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	59.6	38.3	74.0	14.4	100.0	212.0	HORIZONTAL
2483.500000	59.4	40.6	74.0	14.6	100.0	190.0	HORIZONTAL

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	47.1	38.4	54.0	6.9	100.0	197.0	HORIZONTAL
2483.500000	45.0	40.3	54.0	9.0	100.0	190.0	HORIZONTAL

Test Mode: 11b-ant 0-ch11

Channel 11



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

MEASUREMENT RESULT: PK Detector

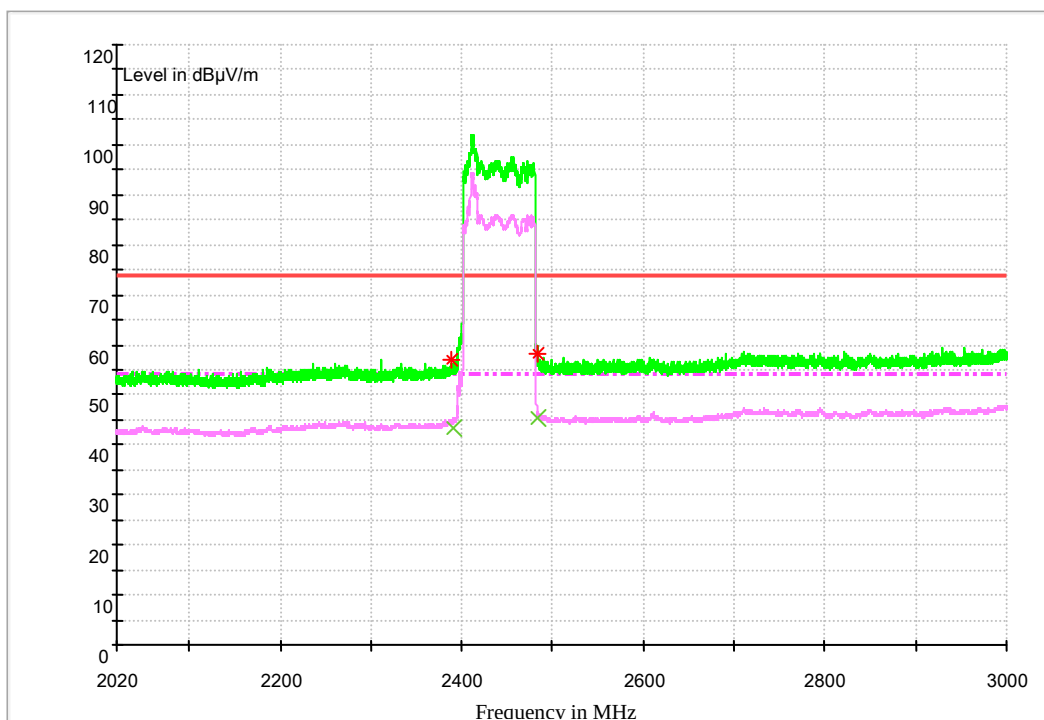
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	57.2	38.3	74.0	16.8	114.0	-14.0	HORIZONTAL
2483.500000	59.9	40.3	74.0	14.1	100.0	199.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.3	38.3	54.0	10.7	100.0	138.0	VERTICA
2483.500000	46.3	40.6	54.0	7.7	100.0	165.0	HORIZONTAL

Test Mode: 11b-ant 1-ch1

Channel 1



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

MEASUREMENT RESULT: PK Detector

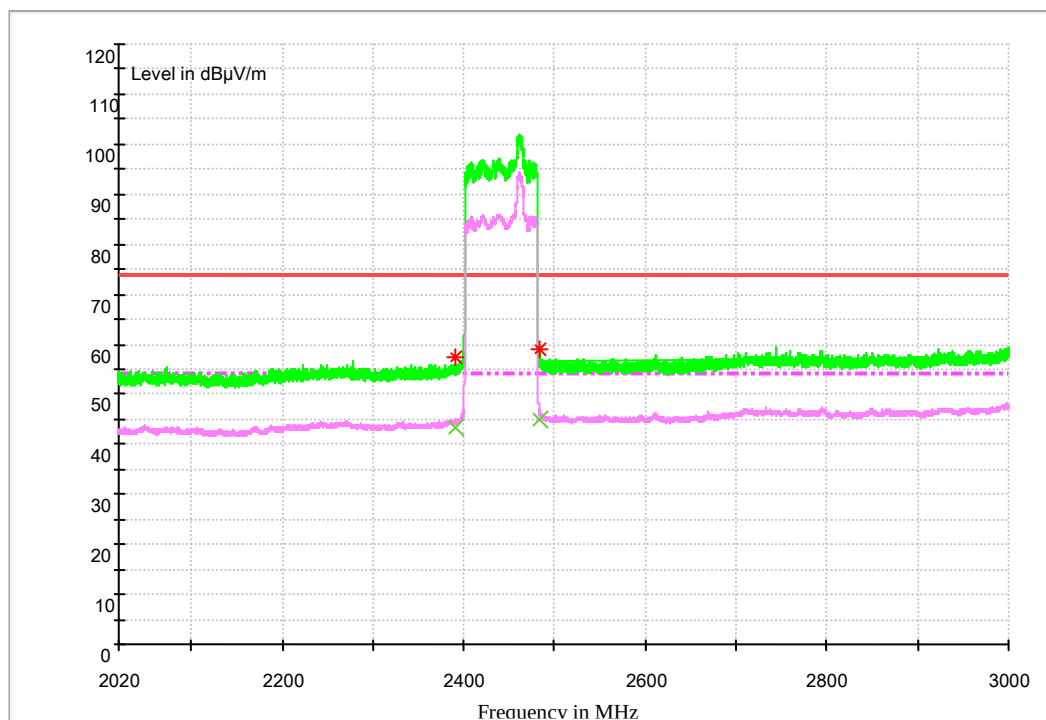
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	57.1	38.3	74.0	16.9	200.0	283.0	VERTICA
2483.500000	58.3	40.5	74.0	15.7	100.0	144.0	VERTICA

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.5	38.4	54.0	10.5	100.0	267.0	HORIZONTAL
2483.500000	45.3	40.8	54.0	8.7	100.0	189.0	VERTICA

Test Mode: 11b-ant 1-ch11

Channel 11



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

MEASUREMENT RESULT: PK Detector

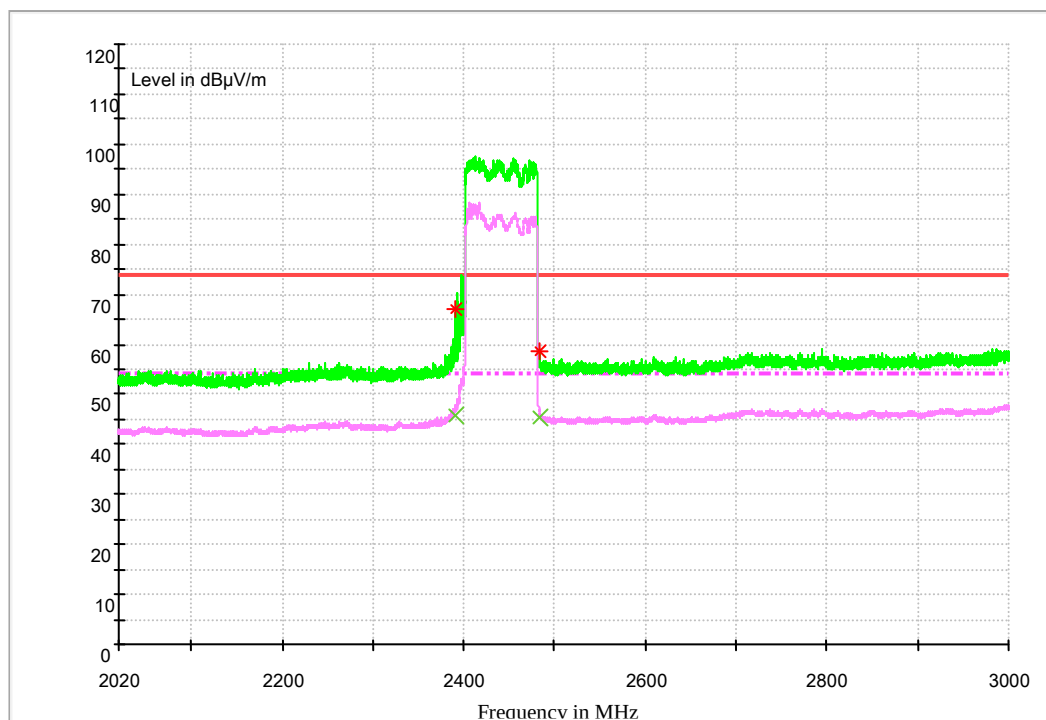
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	57.5	38.3	74.0	16.5	100.0	131.0	HORIZONTAL
2483.500000	59.0	40.2	74.0	15.0	113.0	52.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.3	38.3	54.0	10.7	100.0	102.0	HORIZONTAL
2483.500000	45.1	40.6	54.0	8.9	100.0	11.0	HORIZONTAL

Test Mode: 11g-ch1-ant0

Channel 1



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

MEASUREMENT RESULT: PK Detector

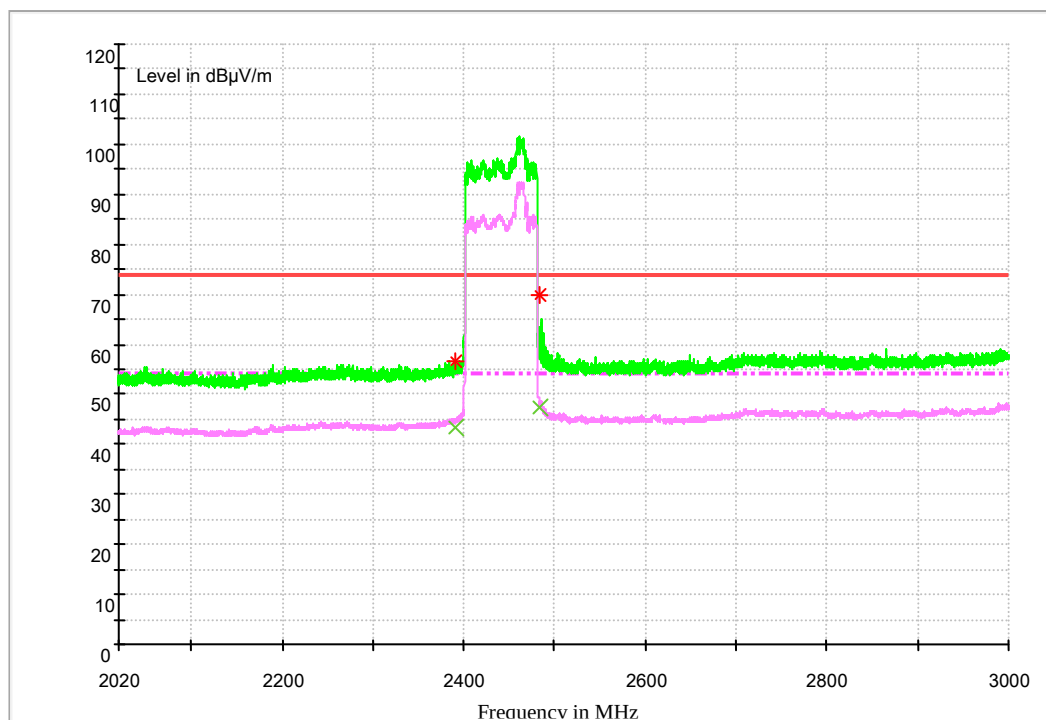
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	67.1	38.3	74.0	6.9	100.0	200.0	HORIZONTAL
2483.500000	58.5	40.5	74.0	15.5	100.0	354.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	45.9	38.3	54.0	8.1	100.0	200.0	HORIZONTAL
2483.500000	45.3	40.9	54.0	8.7	100.0	354.0	HORIZONTAL

Test Mode: 11g-ch11-ant0

Channel 11



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

MEASUREMENT RESULT: PK Detector

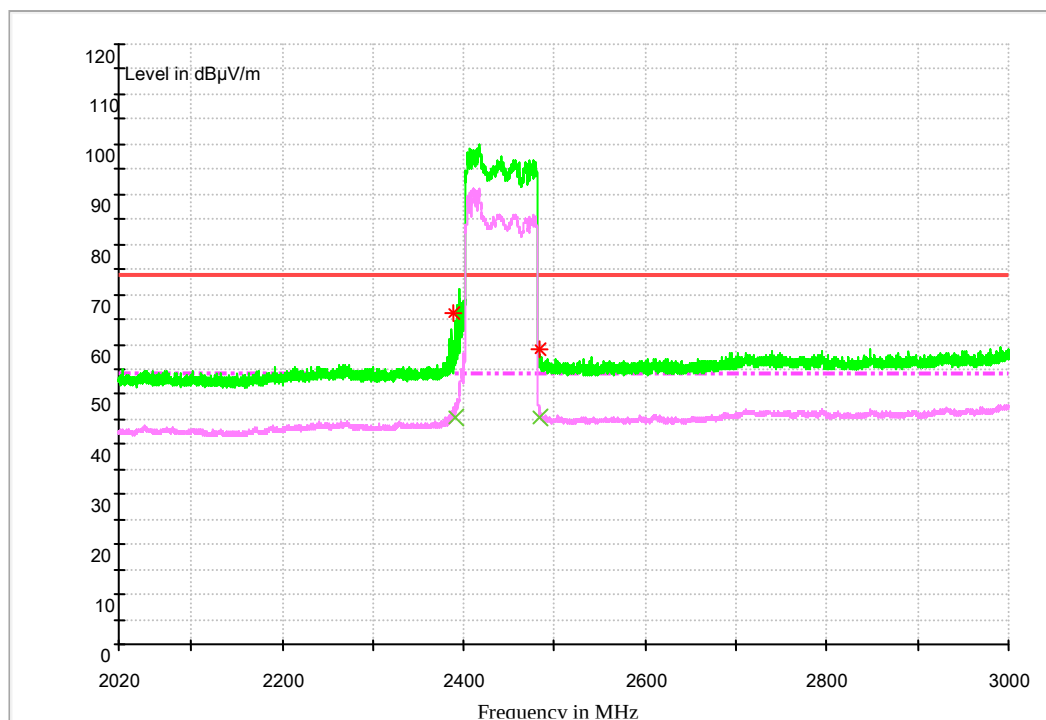
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.6	38.3	74.0	17.4	114.0	114.0	VERTICA
2483.500000	70.0	40.7	74.0	4.0	100.0	192.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.2	38.3	54.0	10.8	100.0	159.0	VERTICA
2483.500000	47.5	40.3	54.0	6.5	100.0	184.0	HORIZONTAL

Test Mode: 11g-ch1-ant1

Channel 1



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

MEASUREMENT RESULT: PK Detector

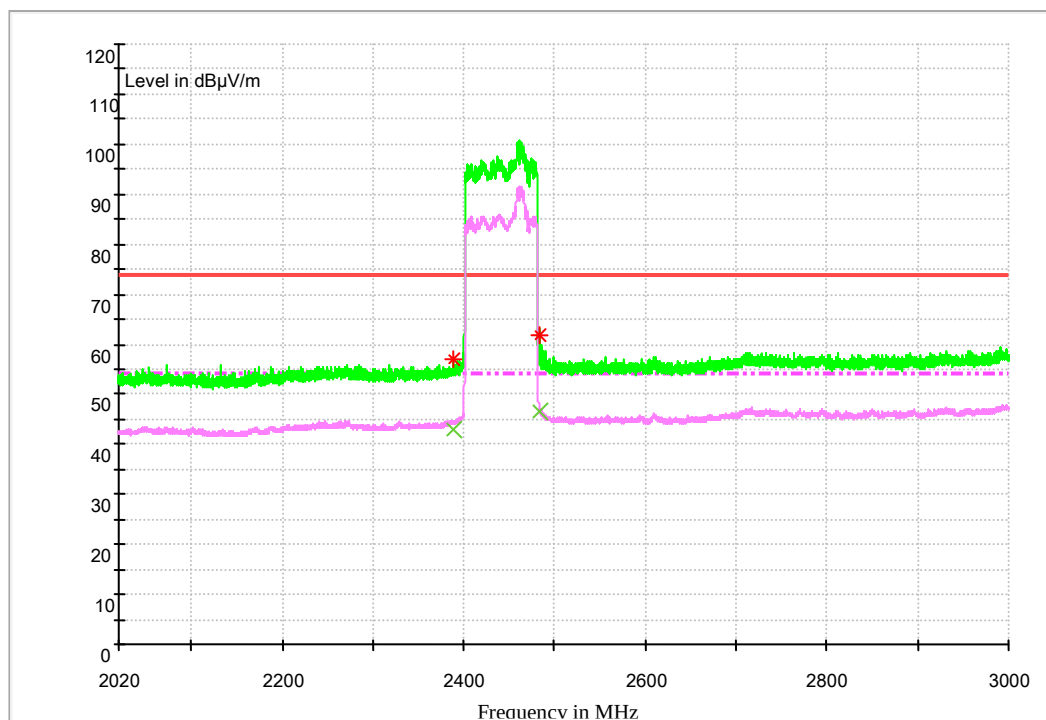
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	66.0	38.3	74.0	8.0	100.0	292.0	HORIZONTAL
2483.500000	59.0	40.6	74.0	15.0	114.0	55.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	45.2	38.3	54.0	8.8	100.0	277.0	HORIZONTAL
2483.500000	45.2	40.8	54.0	8.8	100.0	32.0	HORIZONTAL

Test Mode: 11g-ch11-ant1

Channel 11



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

MEASUREMENT RESULT: PK Detector

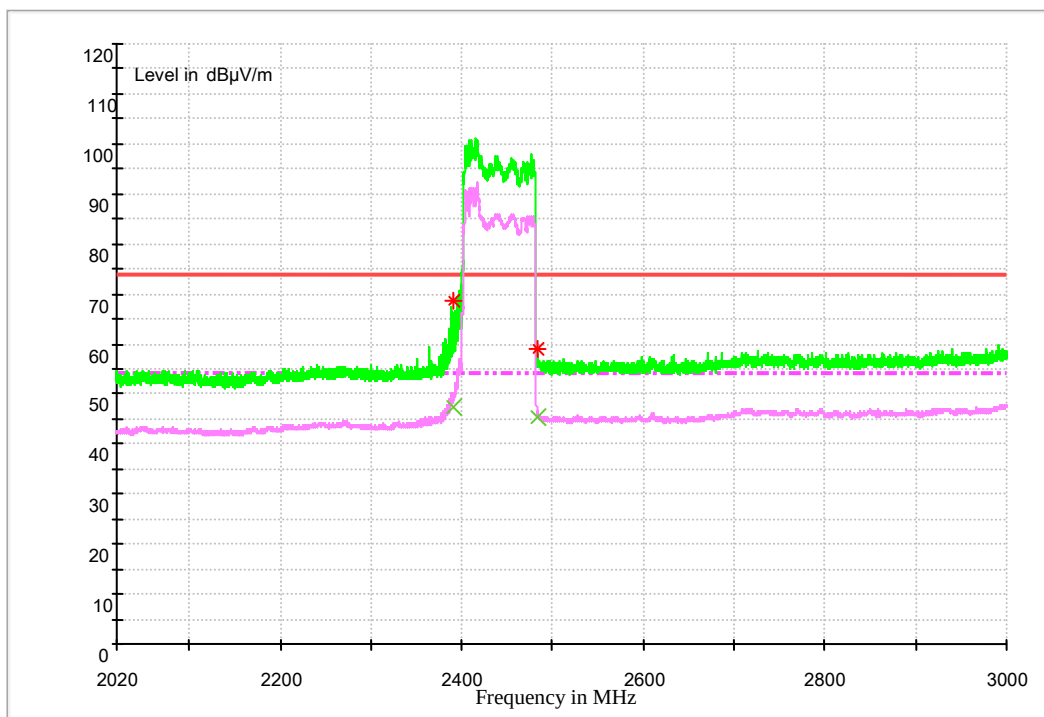
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	57.0	38.3	74.0	17.0	114.0	53.0	HORIZONTAL
2483.500000	61.8	40.5	74.0	12.2	100.0	207.0	VERTICA

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.1	38.3	54.0	10.9	100.0	80.0	HORIZONTAL
2483.500000	46.5	40.7	54.0	7.5	100.0	277.0	HORIZONTAL

Test Mode: 11n20-ch1-ant0

Channel 1



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

MEASUREMENT RESULT: PK Detector

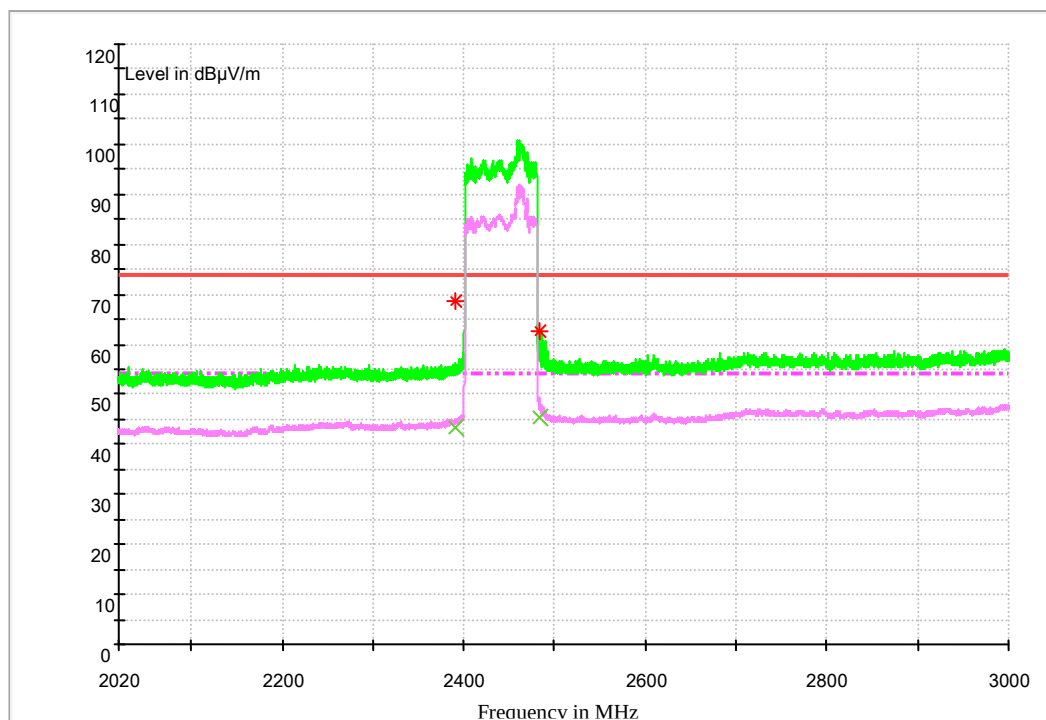
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	68.5	38.3	74.0	5.5	100.0	194.0	HORIZONTAL
2483.500000	58.8	40.7	74.0	15.2	100.0	35.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.2	38.3	54.0	6.8	100.0	171.0	HORIZONTAL
2483.500000	45.2	40.7	54.0	8.8	100.0	35.0	HORIZONTAL

Test Mode: 11n20-ch11-ant0

Channel 11



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

MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	68.6	38.3	74.0	5.4	100.0	199.0	HORIZONTAL
2483.500000	62.5	40.2	74.0	11.5	113.0	33.0	HORIZONTAL

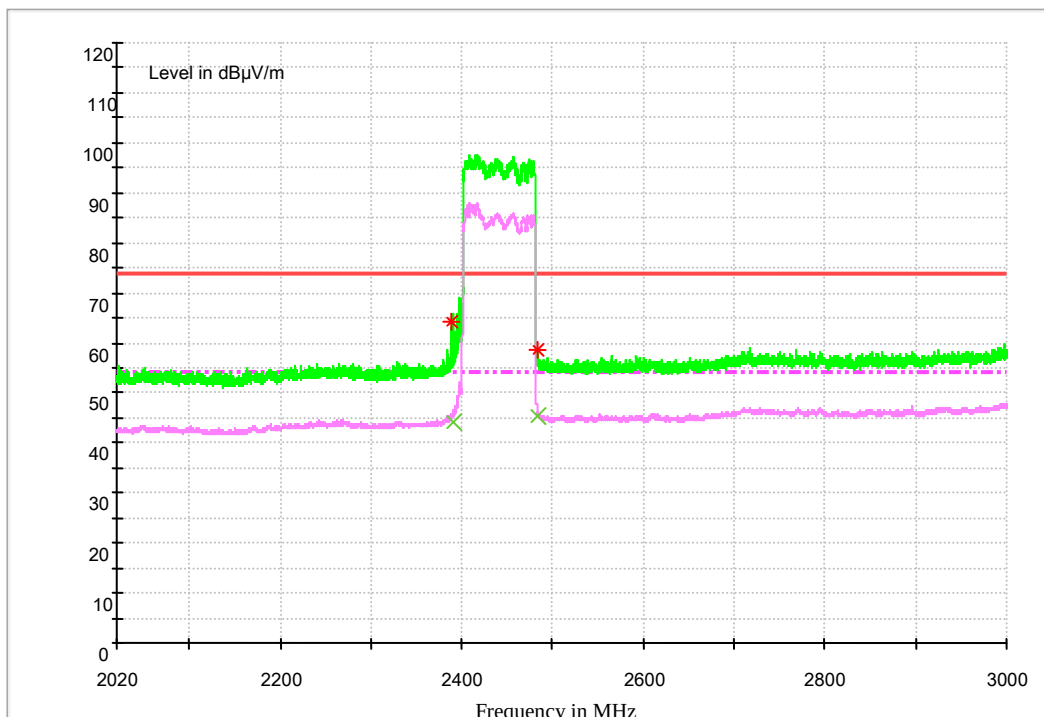
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.2	38.4	54.0	10.8	100.0	250.0	VERTICA
2483.500000	45.3	40.5	54.0	8.7	100.0	33.0	HORIZONTAL

Test Mode: 11n20-ch1 ant1

Channel 1

FCC CLASS B WIFI 1GHz-3GHz



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

MEASUREMENT RESULT: PK Detector

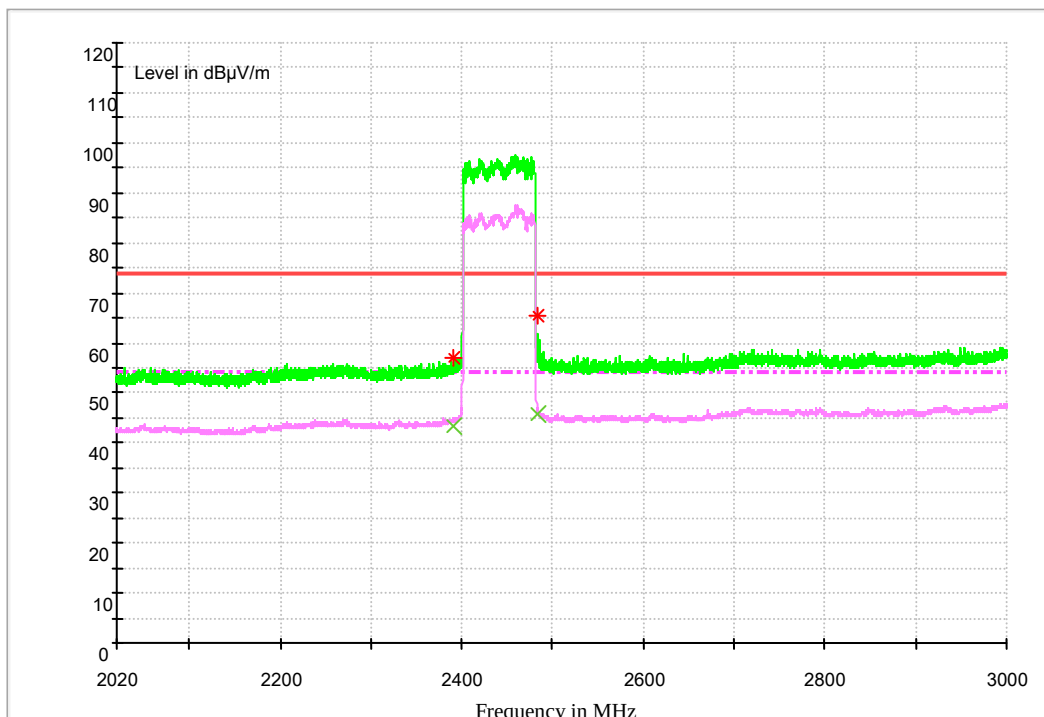
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	64.4	38.3	74.0	9.6	114.0	261.0	VERTICA
2483.500000	58.6	40.3	74.0	15.4	100.0	155.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	44.1	38.3	54.0	9.9	100.0	268.0	VERTICA
2483.500000	45.2	40.8	54.0	8.8	100.0	200.0	HORIZONTAL

Test Mode: 11n20-ch11 ant1

Channel 11



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

MEASUREMENT RESULT: PK Detector

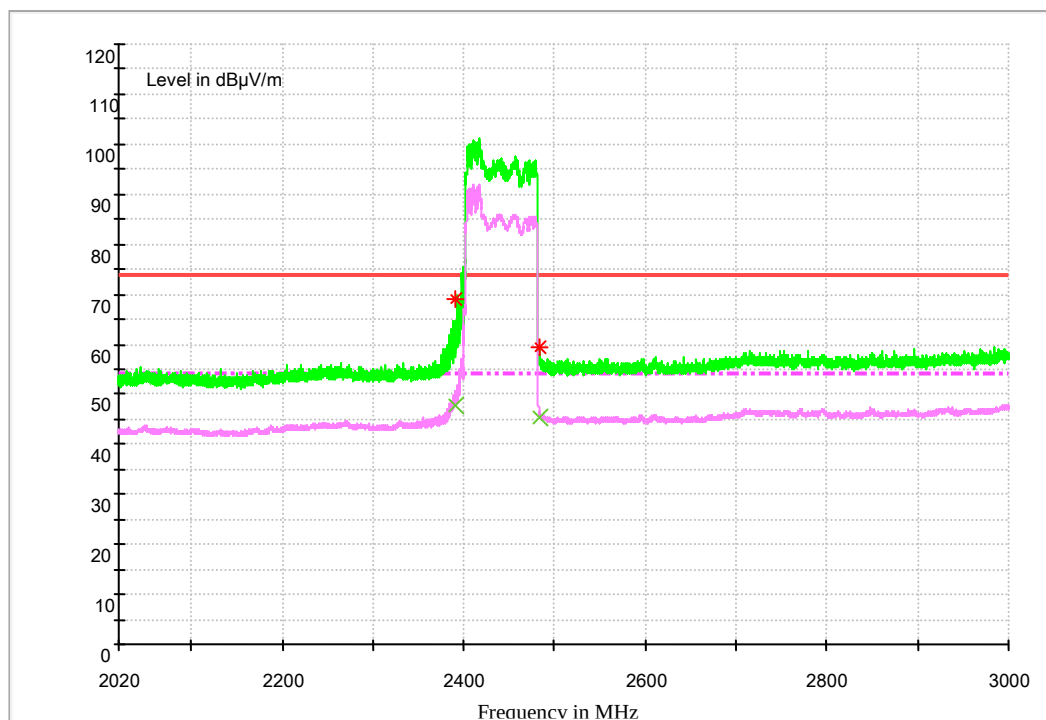
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.8	38.3	74.0	17.2	100.0	138.0	HORIZONTAL
2483.500000	65.3	40.3	74.0	8.7	100.0	100.0	VERTICA

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.2	38.3	54.0	10.8	100.0	138.0	HORIZONTAL
2483.500000	45.9	40.6	54.0	8.1	100.0	100.0	VERTICA

Test Mode: 11n20-ch1 ant0&1

Channel 1



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

MEASUREMENT RESULT: PK Detector

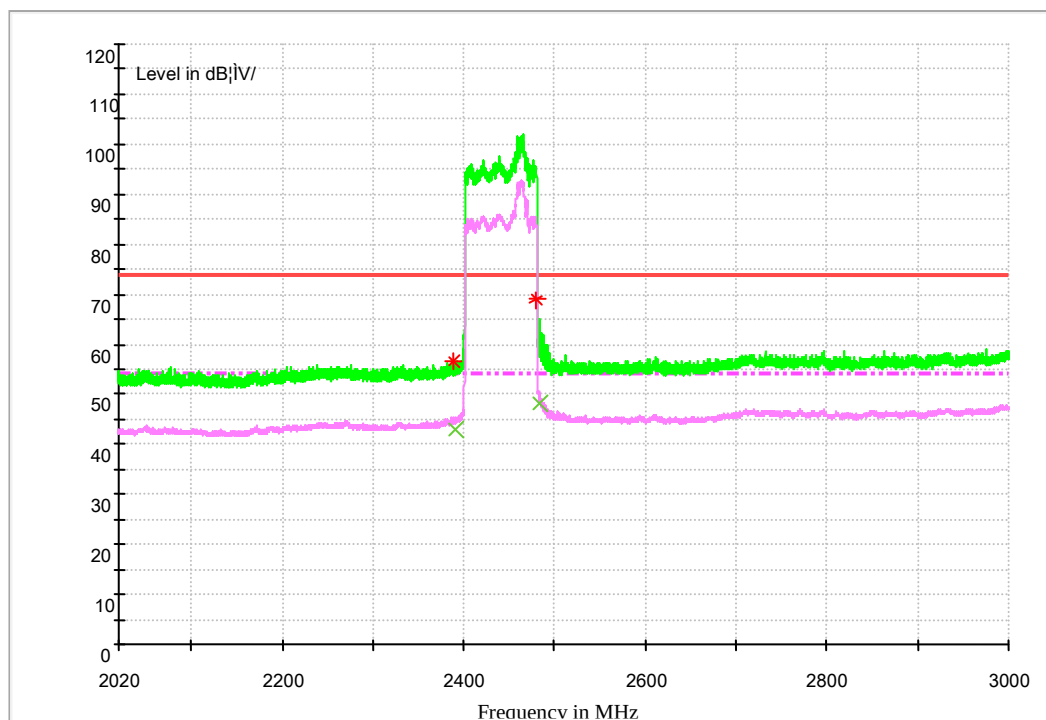
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	69.0	38.3	74.0	5.0	100.0	169.0	HORIZONTAL
2483.500000	59.5	40.6	74.0	14.5	100.0	169.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	47.6	38.3	54.0	6.4	100.0	169.0	HORIZONTAL
2483.500000	45.2	40.7	54.0	8.8	100.0	169.0	HORIZONTAL

Test Mode: 11n20-ch11 ant0&1

Channel 11



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

MEASUREMENT RESULT: PK Detector

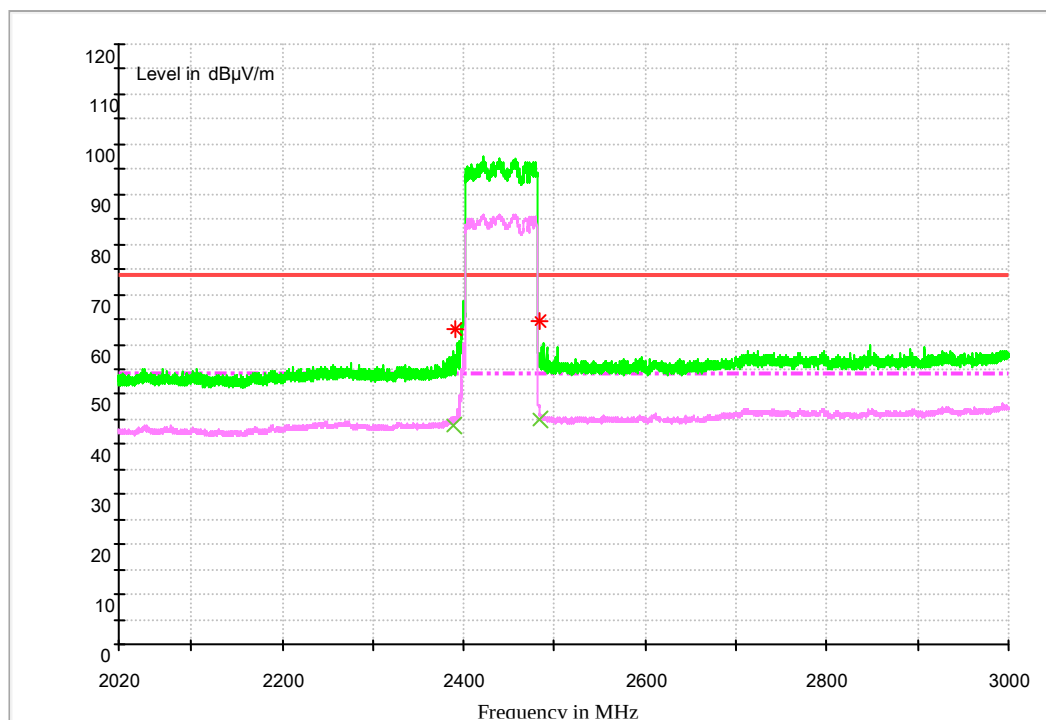
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	56.7	38.3	74.0	17.3	100.0	299.0	VERTICAL
2483.500000	70.0	40.6	74.0	4.0	100.0	194.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.1	38.3	54.0	10.9	100.0	335.0	VERTICAL
2483.500000	48.0	40.5	54.0	6.0	100.0	185.0	HORIZONTAL

Test Mode: 11n40-ch3-ant0

Channel 3



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

MEASUREMENT RESULT: PK Detector

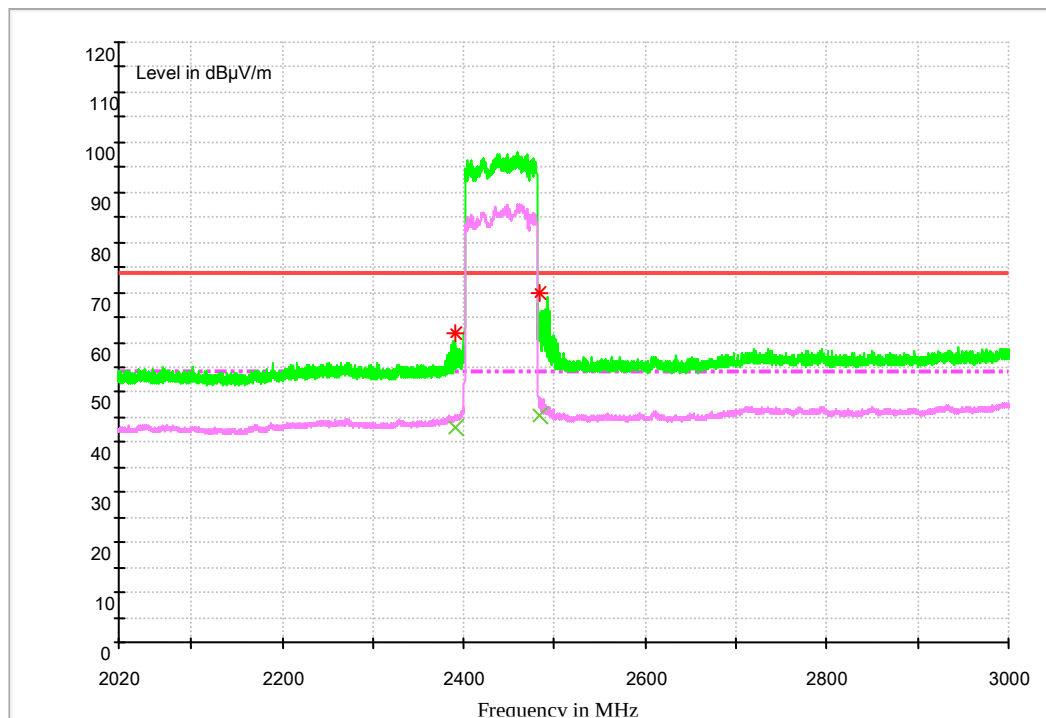
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	63.0	38.3	74.0	11.0	100.0	203.0	HORIZONTAL
2483.500000	64.6	40.5	74.0	9.4	100.0	-37.0	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.9	38.3	54.0	10.1	100.0	179.0	HORIZONTAL
2483.500000	45.1	40.7	54.0	8.9	100.0	0.0	VERTICAL

Test Mode: 11n40 ch9 ant0

Channel 9



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

MEASUREMENT RESULT: PK Detector

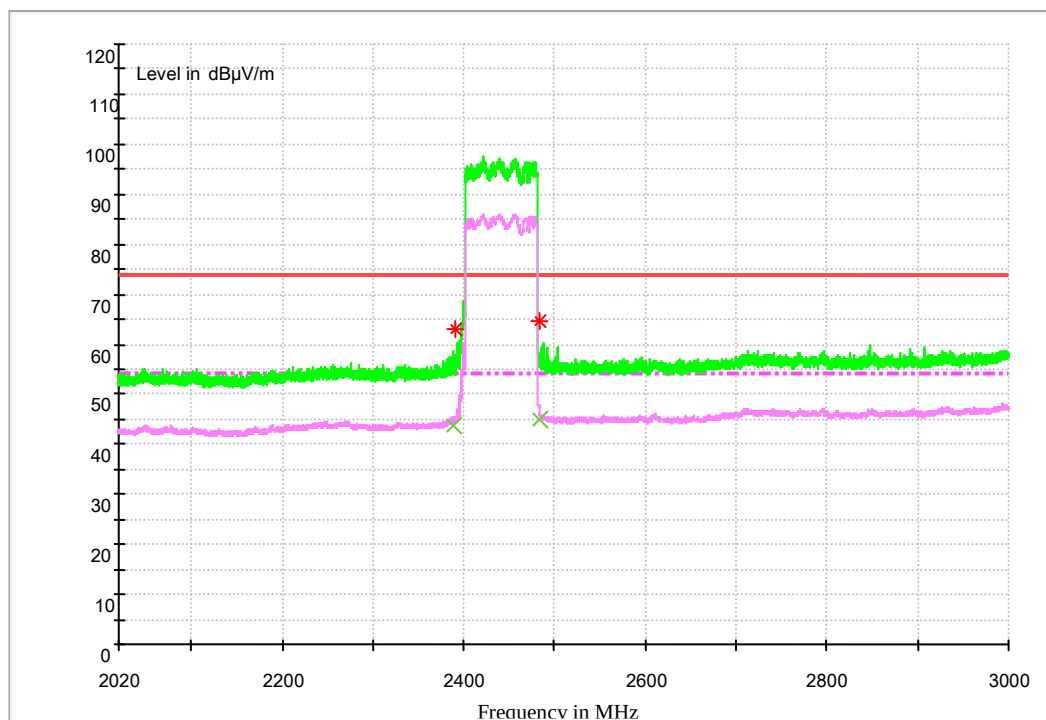
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	61.7	38.3	74.0	12.3	100.0	203.0	HORIZONTAL
2483.500000	69.9	40.6	74.0	4.1	100.0	177.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.1	38.3	54.0	10.9	100.0	359.0	VERTICAL
2483.500000	45.4	40.5	54.0	8.6	100.0	157.0	HORIZONTAL

Test Mode: 11n40-ch3-ant1

Channel 3



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

MEASUREMENT RESULT: PK Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2389.980000	62.0	38.3	74.0	12.0	100.0	180.0	HORIZONTAL
2483.499900	63.5	40.5	74.0	10.5	100.0	-34.0	VERTICAL

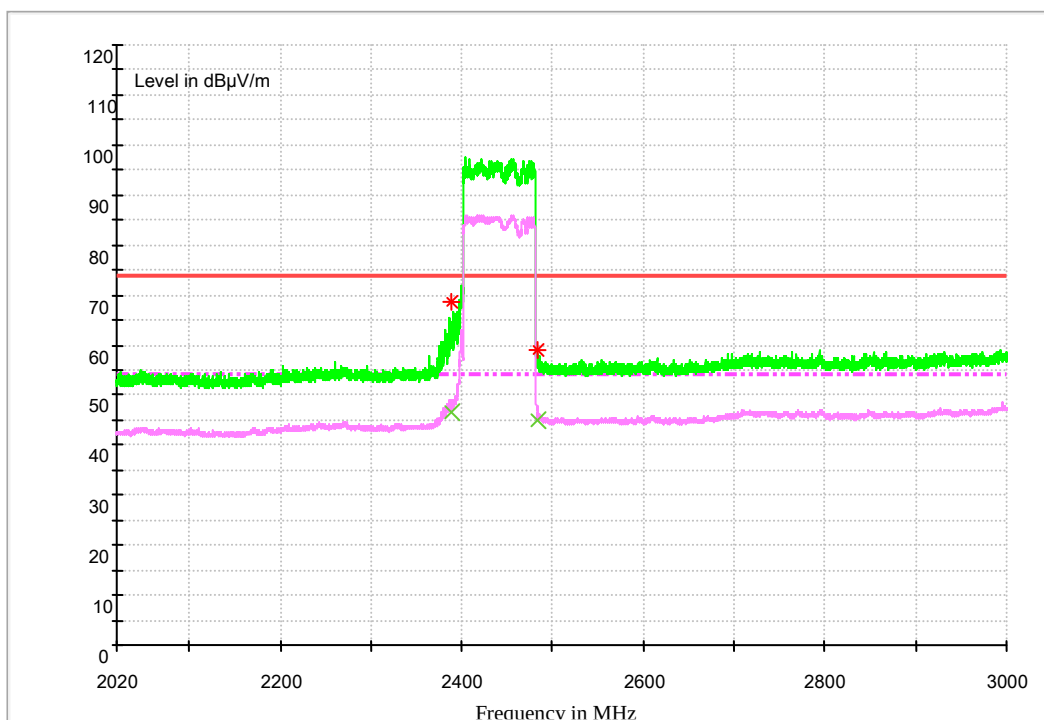
MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.9	38.3	54.0	10.1	100.0	179.0	HORIZONTAL
2483.500000	45.1	40.7	54.0	8.9	100.0	0.0	VERTICAL

Test Mode: 11n40-ch9-ant1

Channel 9

FCC CLASS B WIFI 1GHz-3GHz



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

MEASUREMENT RESULT: PK Detector

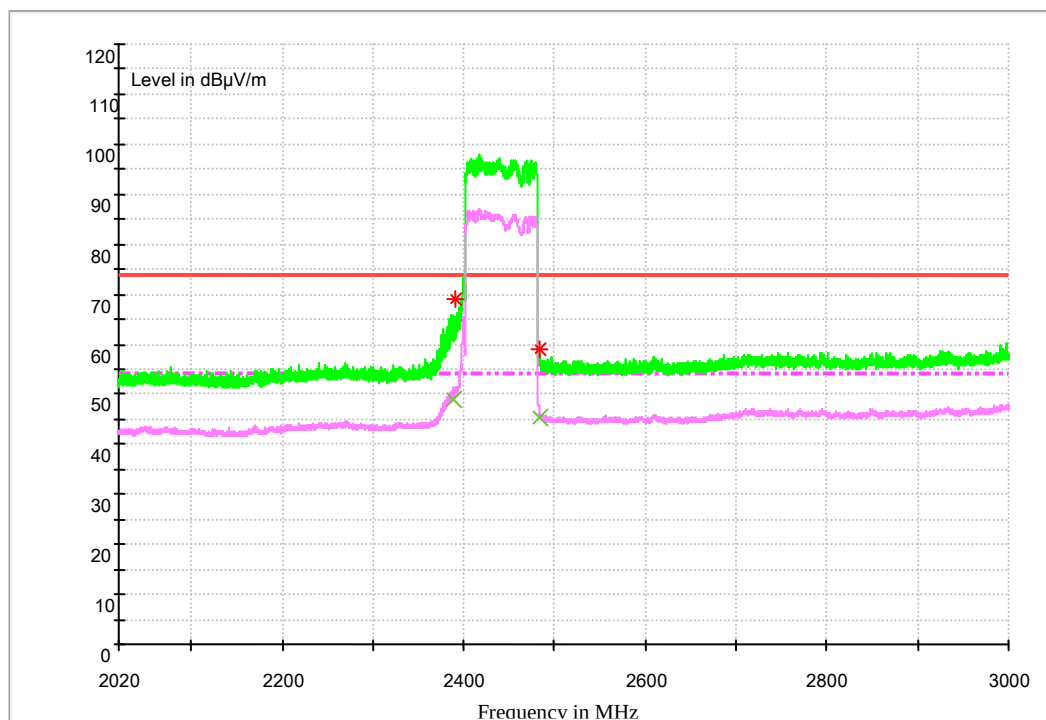
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	68.5	38.3	74.0	5.5	100.0	282.0	HORIZONTAL
2483.500000	58.9	40.8	74.0	15.1	100.0	306.0	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	46.4	38.3	54.0	7.6	100.0	259.0	HORIZONTAL
2483.500000	45.1	40.7	54.0	8.9	100.0	259.0	VERTICAL

Test Mode: 11n-40 CH3 ant0&1

Channel 3



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

MEASUREMENT RESULT: PK Detector

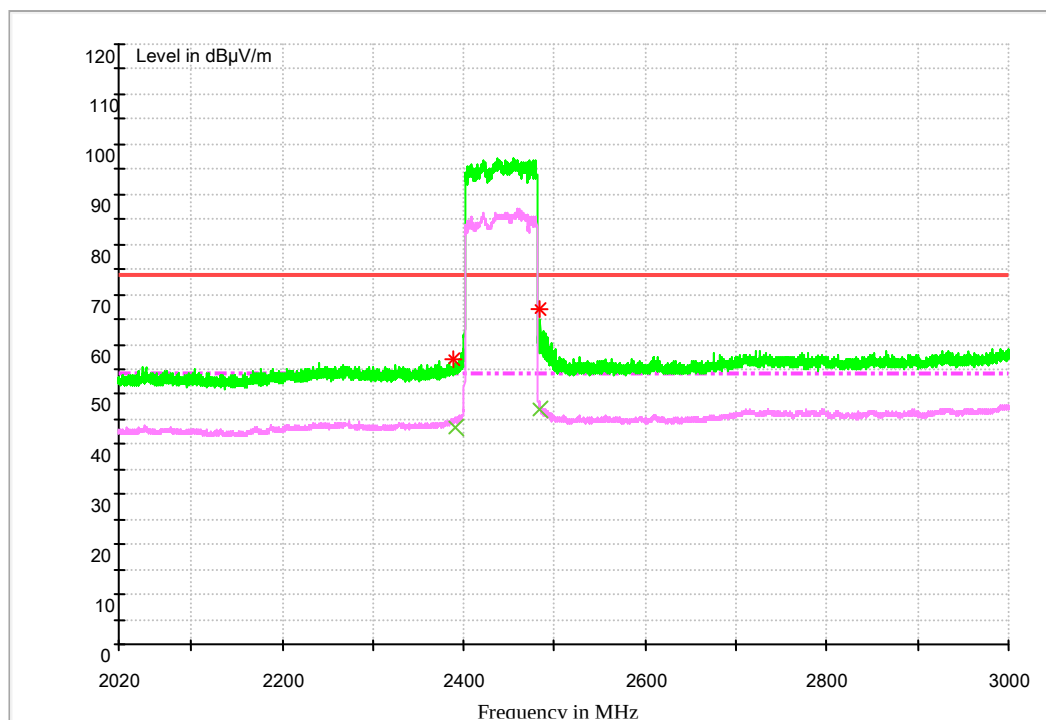
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	68.9	38.3	74.0	5.1	100.0	201.0	HORIZONTAL
2483.500000	58.8	40.4	74.0	15.2	100.0	210.0	VERTICAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	48.8	38.3	54.0	5.2	100.0	192.0	HORIZONTAL
2483.500000	45.3	40.9	54.0	8.7	100.0	0.0	HORIZONTAL

Test Mode: 11N-40 CH9 ant0&1

Channel 9



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

MEASUREMENT RESULT: PK Detector

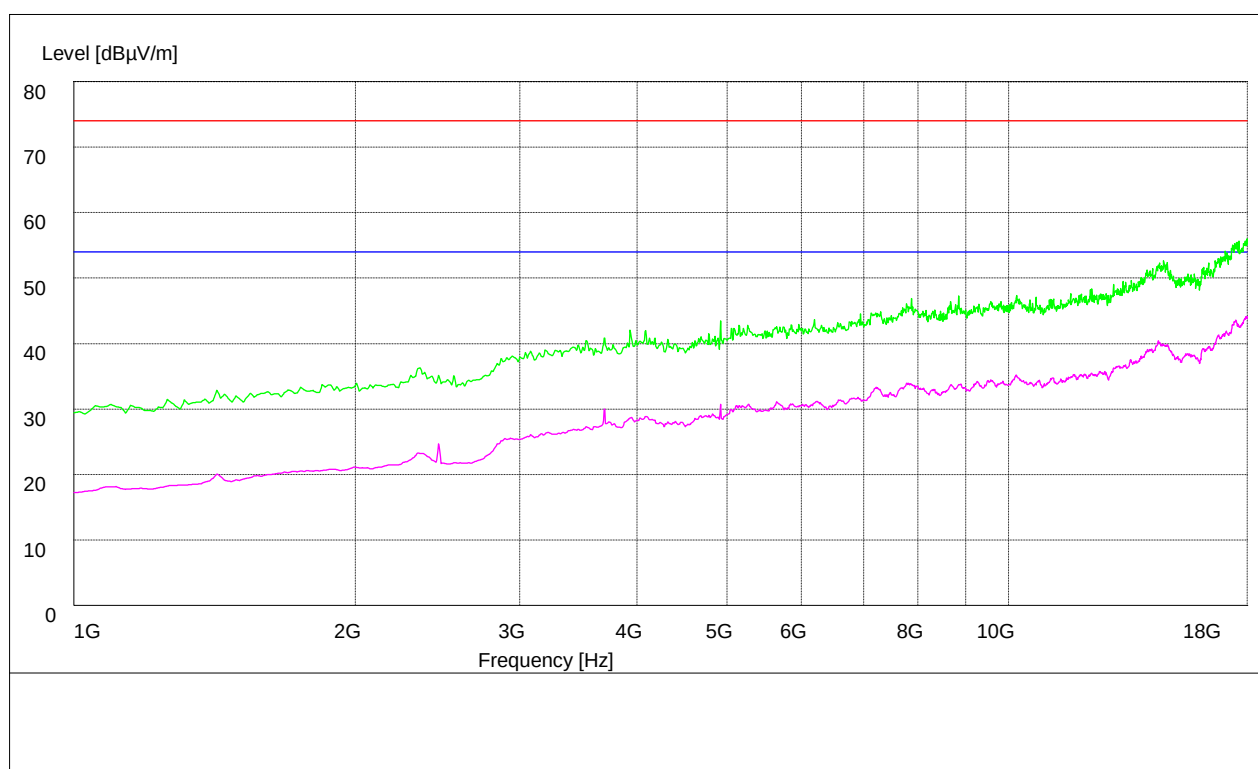
Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	57.1	38.3	74.0	16.9	100.0	353.0	VERTICAL
2483.500000	66.9	40.8	74.0	7.1	100.0	201.0	HORIZONTAL

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV/m	Transd dB	Limit dBμV/m	Margin dB	Height cm	Azimuth deg	Polarization
2390.000000	43.3	38.3	54.0	10.7	100.0	10.0	HORIZONTAL
2483.500000	46.8	40.7	54.0	7.2	100.0	192.0	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 faraway from the EUT operating bands.
- Note 3: Two limits are required in the testing range above 1 GHz, that is Peak limit (74 dB μ V/m) and Average Limit (54 dB μ V/m).

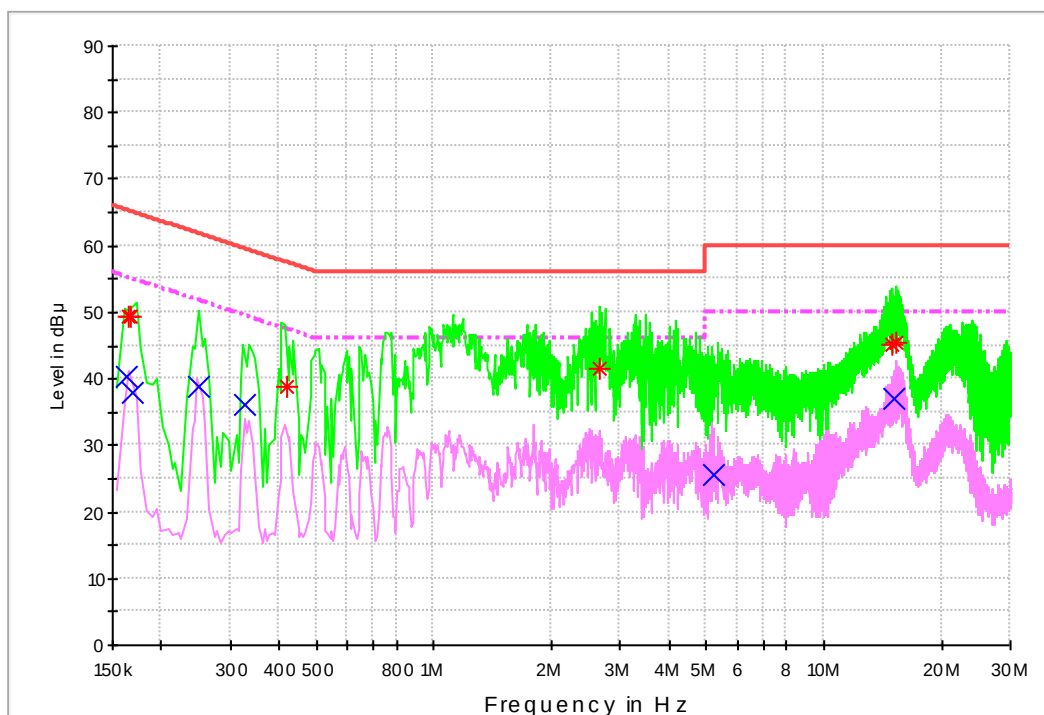


Appendix H: Conducted Emission at Power Port

Note: RBW = 9 kHz, VBW = 30 kHz

Channel 6

CLASS B Voltage with ENV216



MEASUREMENT RESULT: QP Detector

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.165019	49.4	9.7	65.2	15.8	L1	FLO
0.166999	49.4	9.7	65.1	15.7	L1	FLO
0.418234	38.7	9.7	57.5	18.8	N	FLO
2.669662	41.4	9.7	56.0	14.6	L1	FLO
14.972752	45.2	10.1	60.0	14.8	N	FLO
15.260801	45.4	10.1	60.0	14.6	N	FLO

MEASUREMENT RESULT: AV Detector

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.163666	40.5	9.7	55.3	14.9	L1	FLO
0.168622	37.8	9.7	55.0	17.2	L1	FLO
0.249562	38.9	9.7	51.8	12.9	L1	FLO
0.327642	36.1	9.7	49.5	13.4	L1	FLO
5.210422	25.5	9.8	50.0	24.5	L1	FLO
15.174436	36.9	10.1	50.0	13.1	N	FLO

END