Appendix for Testreport

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

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.

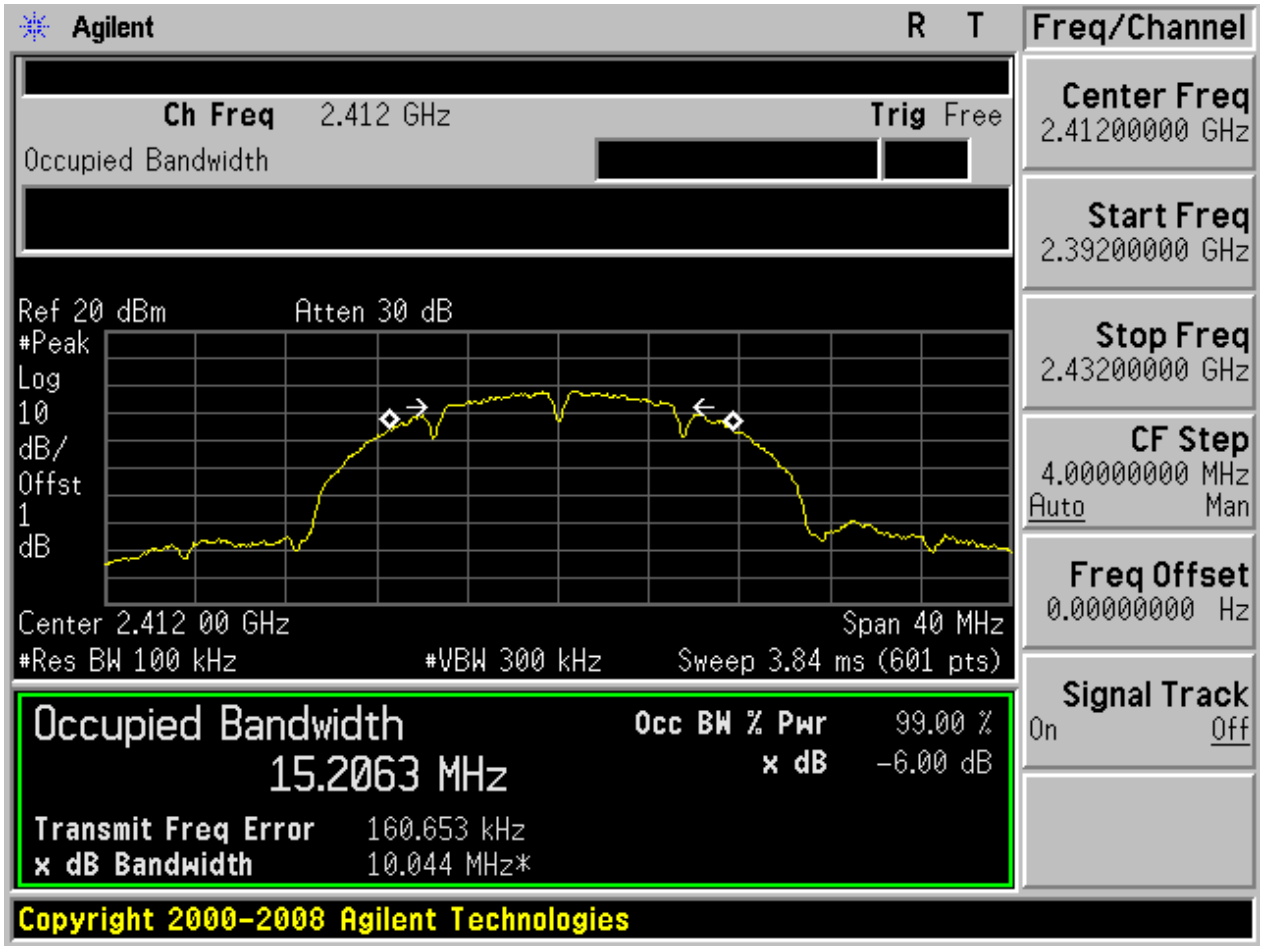
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	DTS6dBBW[MHz]	Verdict
11B	L	2412	Ant 1	10.04	pass
11B	M	2427	Ant 1	9.88	pass
11B	H	2442	Ant 1	10.06	pass
11G	L	2412	Ant 1	16.56	pass
11G	M	2427	Ant 1	16.56	pass
11G	H	2442	Ant 1	16.59	pass
11N20	L	2412	Ant 1	17.79	pass
11N20	M	2427	Ant 1	17.79	pass
11N20	H	2442	Ant 1	17.82	pass
11N40	L	2422	Ant 1	35.91	pass
11N40	M	2427	Ant 1	35.87	pass
11N40	H	2432	Ant 1	35.93	pass

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

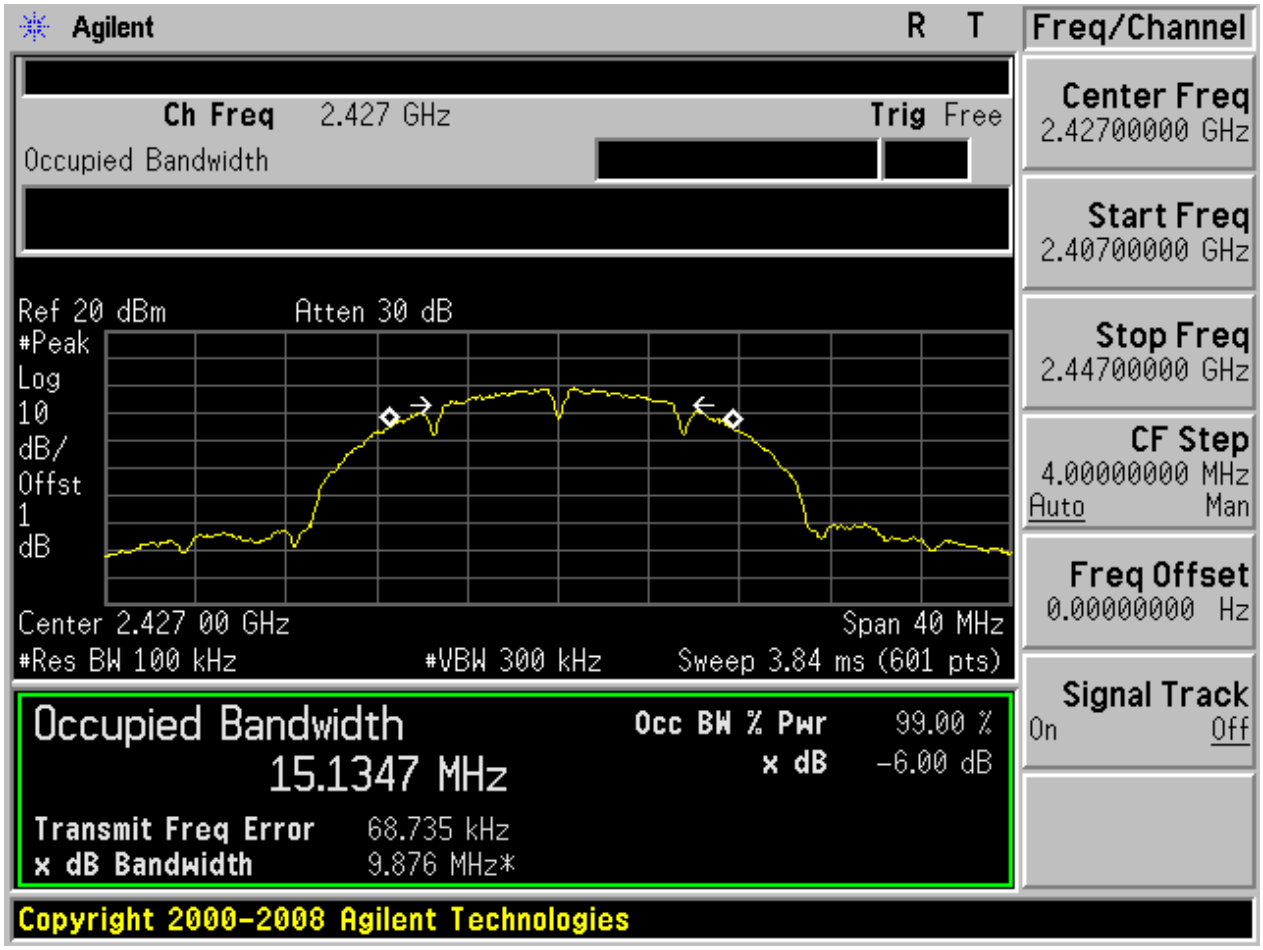
Part II - Test Plots

2.1 11B_L@Ant 1



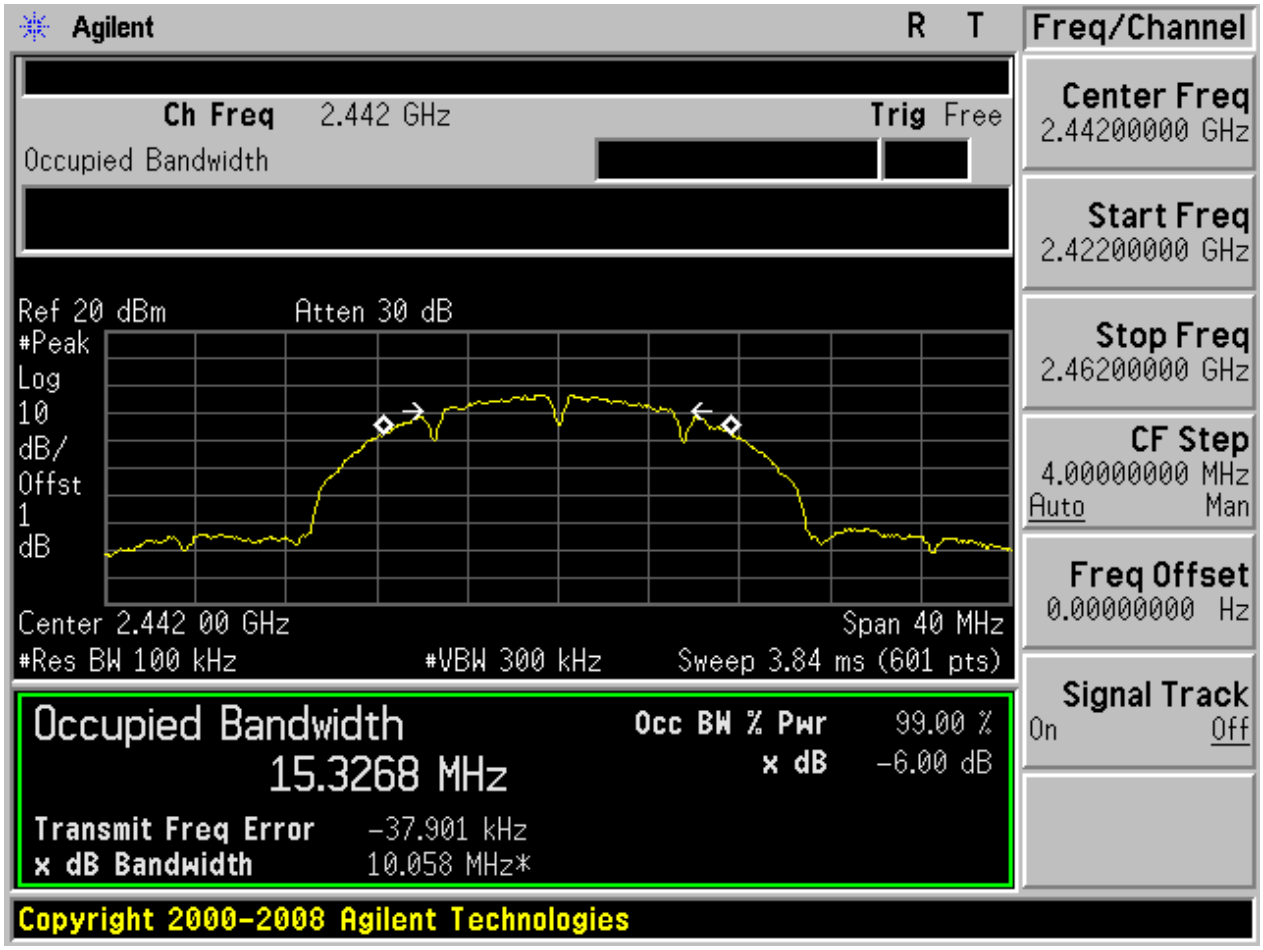
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.2 11B_M@Ant 1



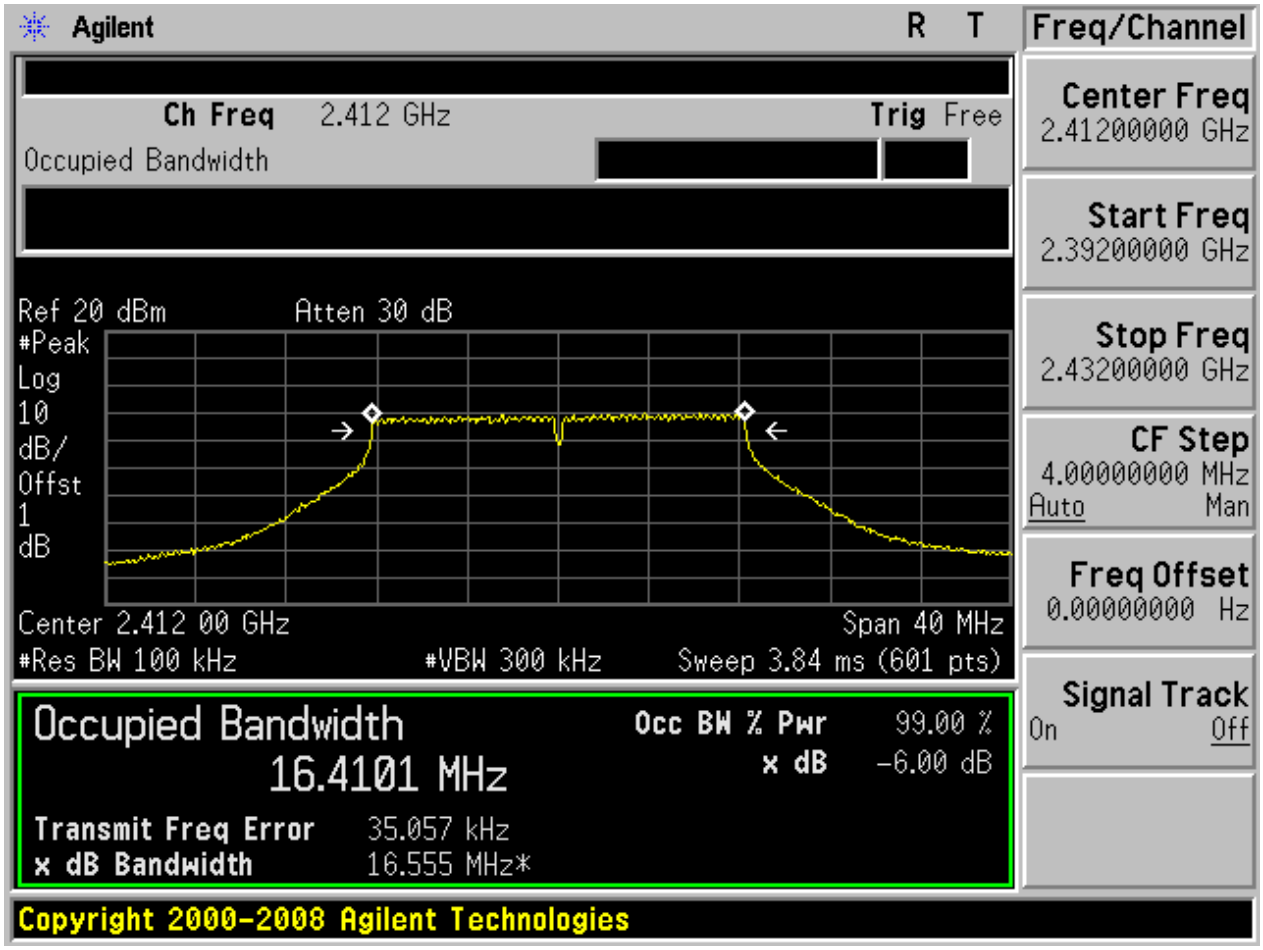
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.3 11B_H@Ant 1



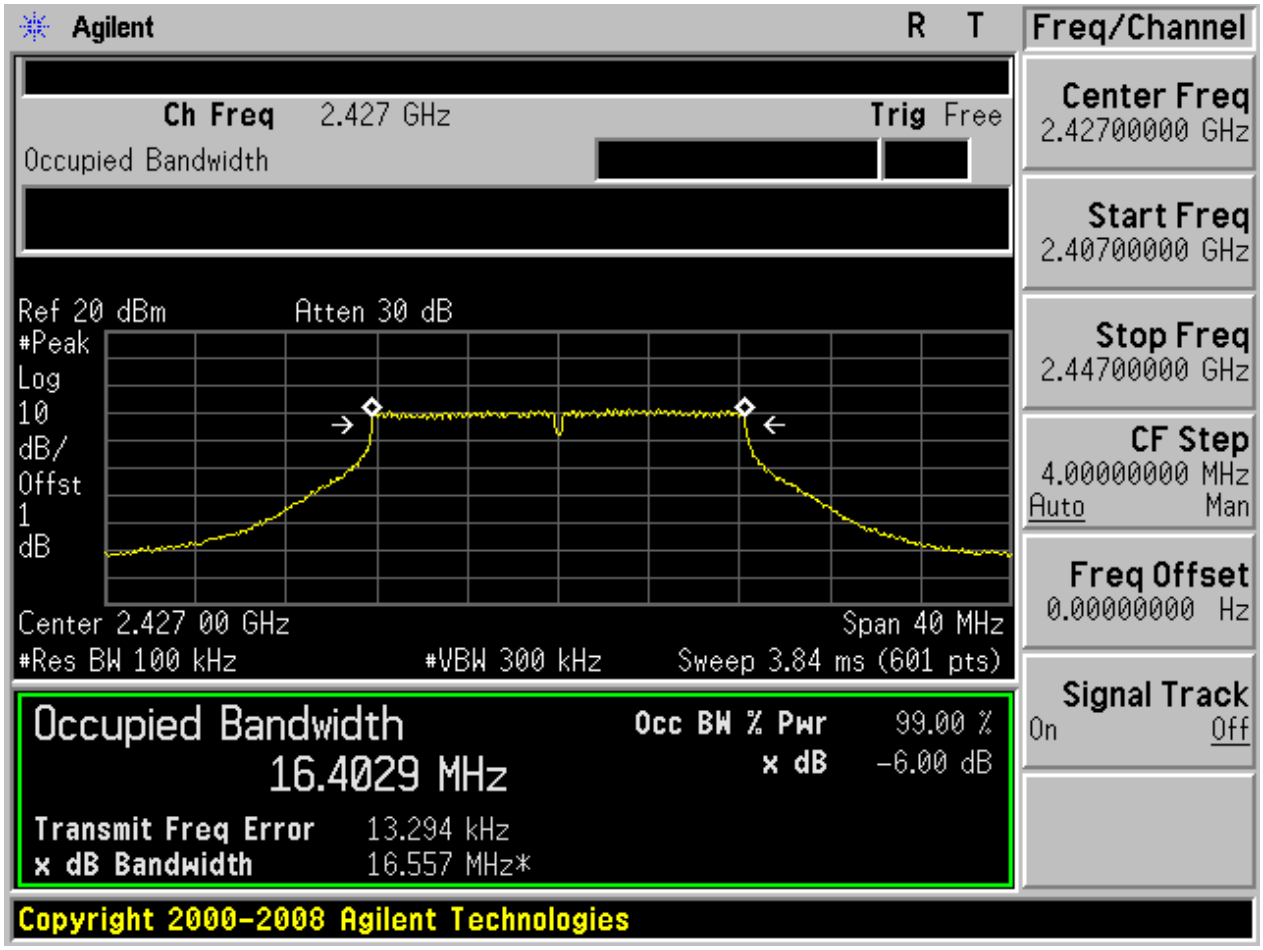
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.4 11G_L@Ant 1



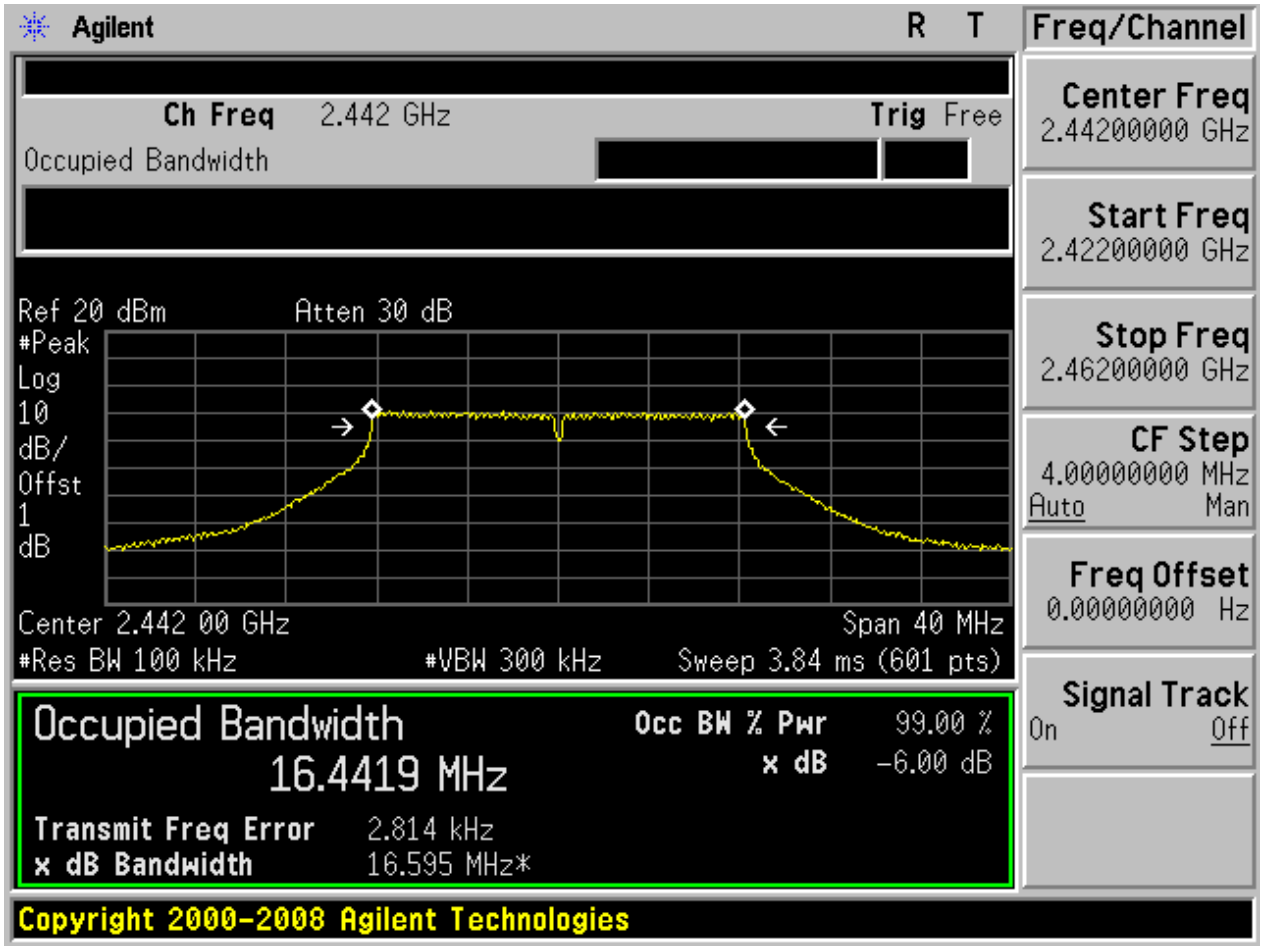
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.5 11G_M@Ant 1



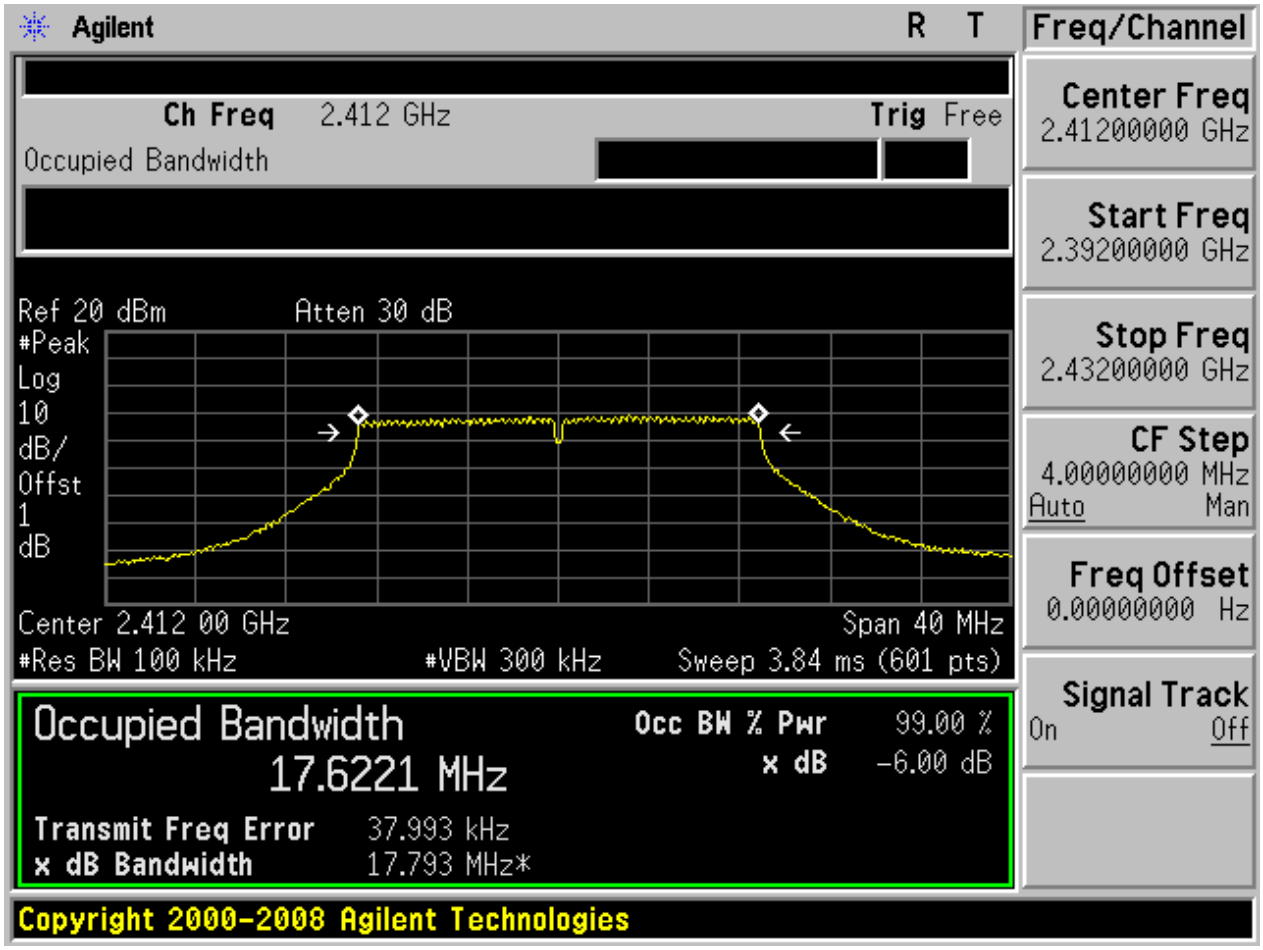
Copyright © Huawei Technologies Co., Ltd.

2.6 11G_H@Ant 1



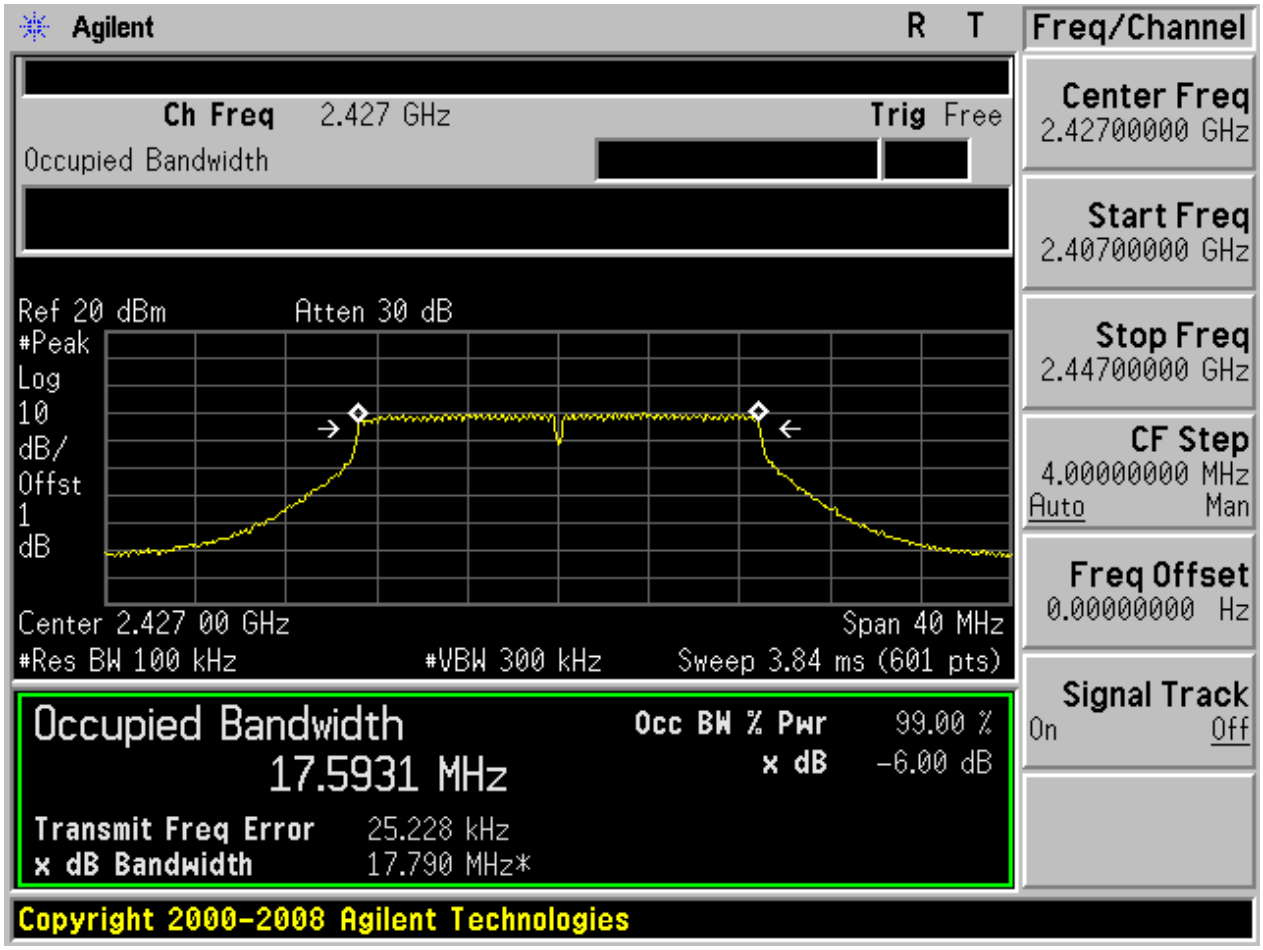
Copyright © Huawei Technologies Co., Ltd.

2.7 11N20_L@Ant 1



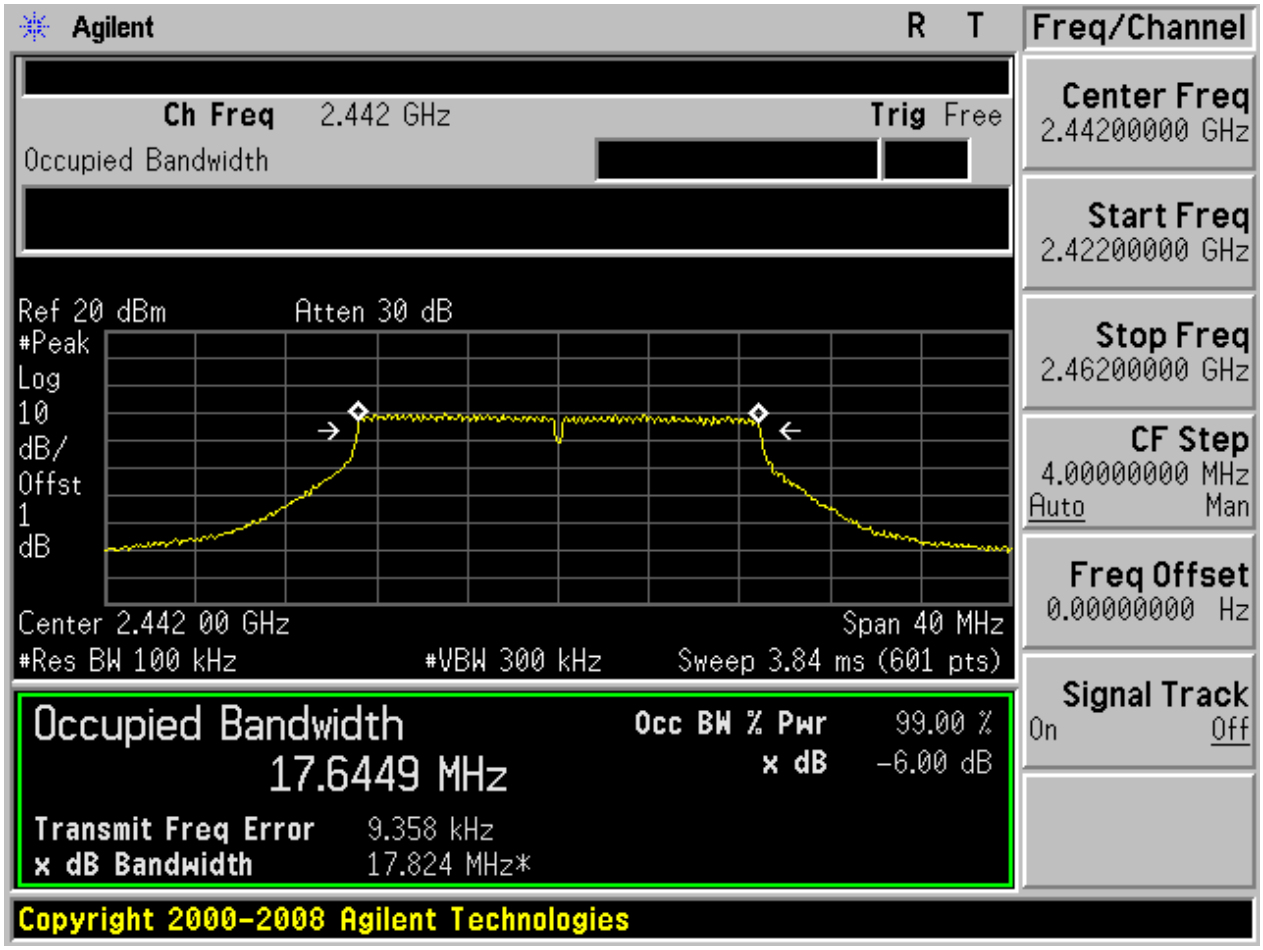
Copyright © Huawei Technologies Co., Ltd.

2.8 11N20_M@Ant 1



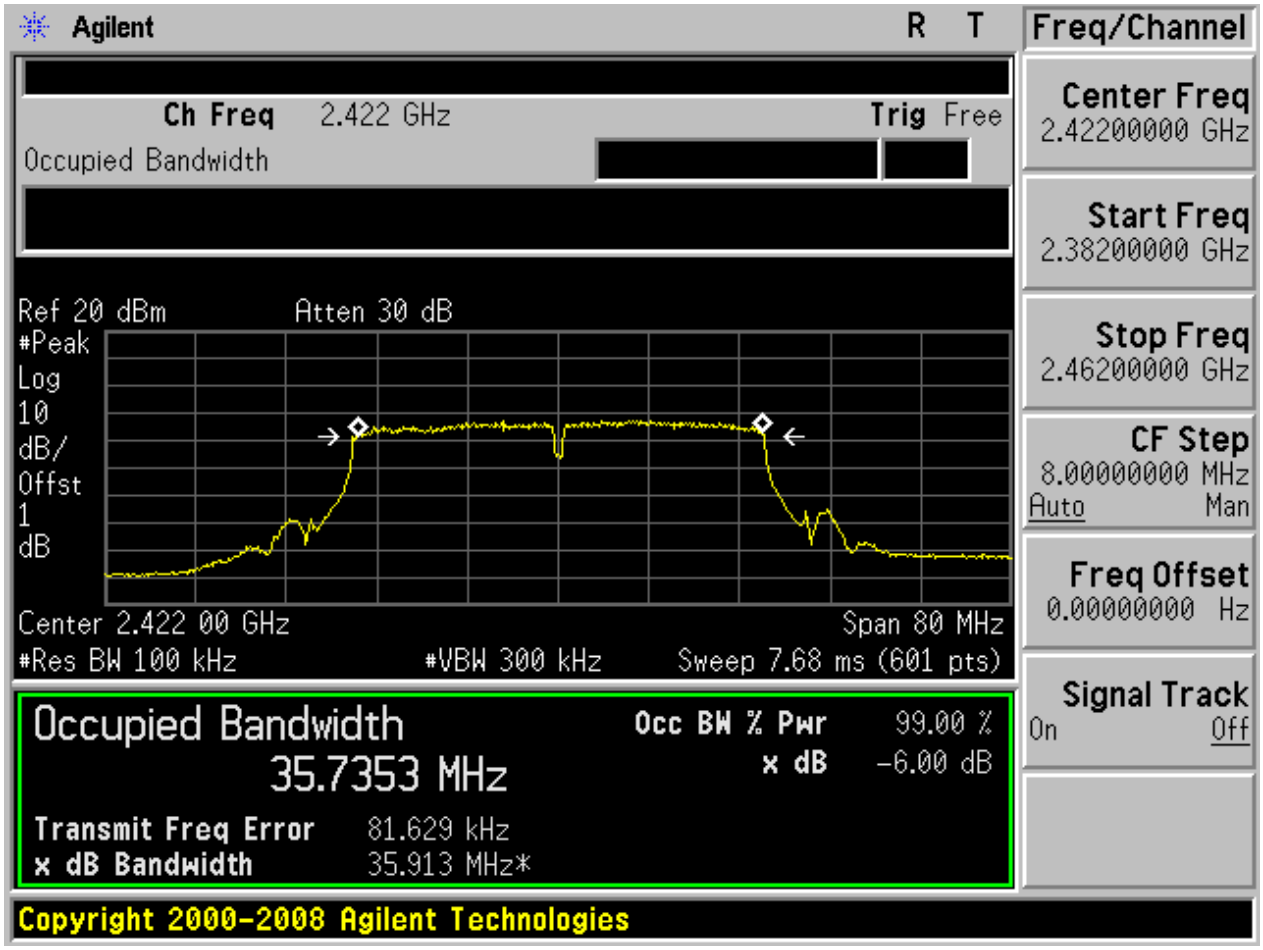
Copyright © Huawei Technologies Co., Ltd.

2.9 11N20_H@Ant 1



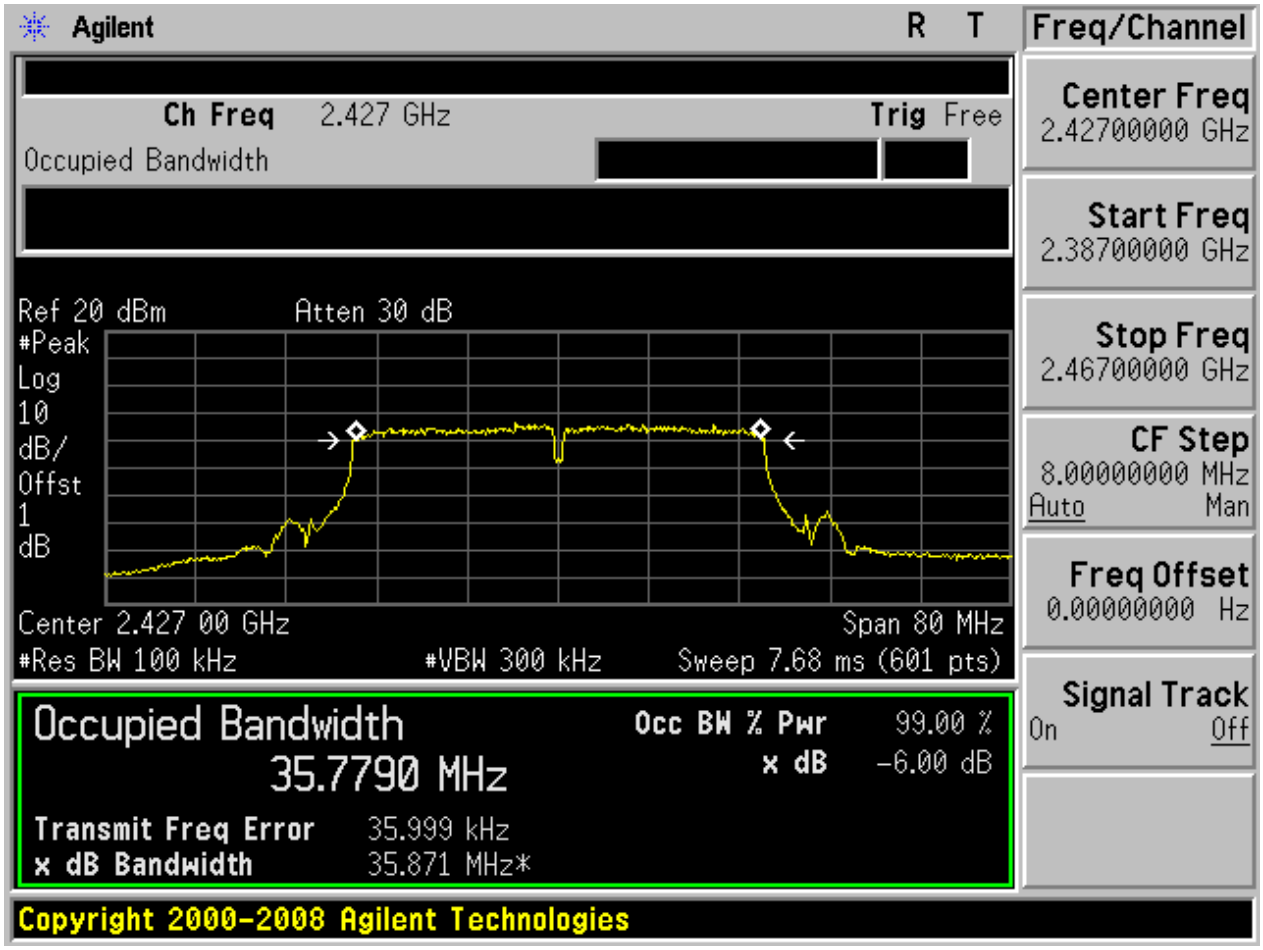
Copyright © Huawei Technologies Co., Ltd.

2.10 11N40_L@Ant 1



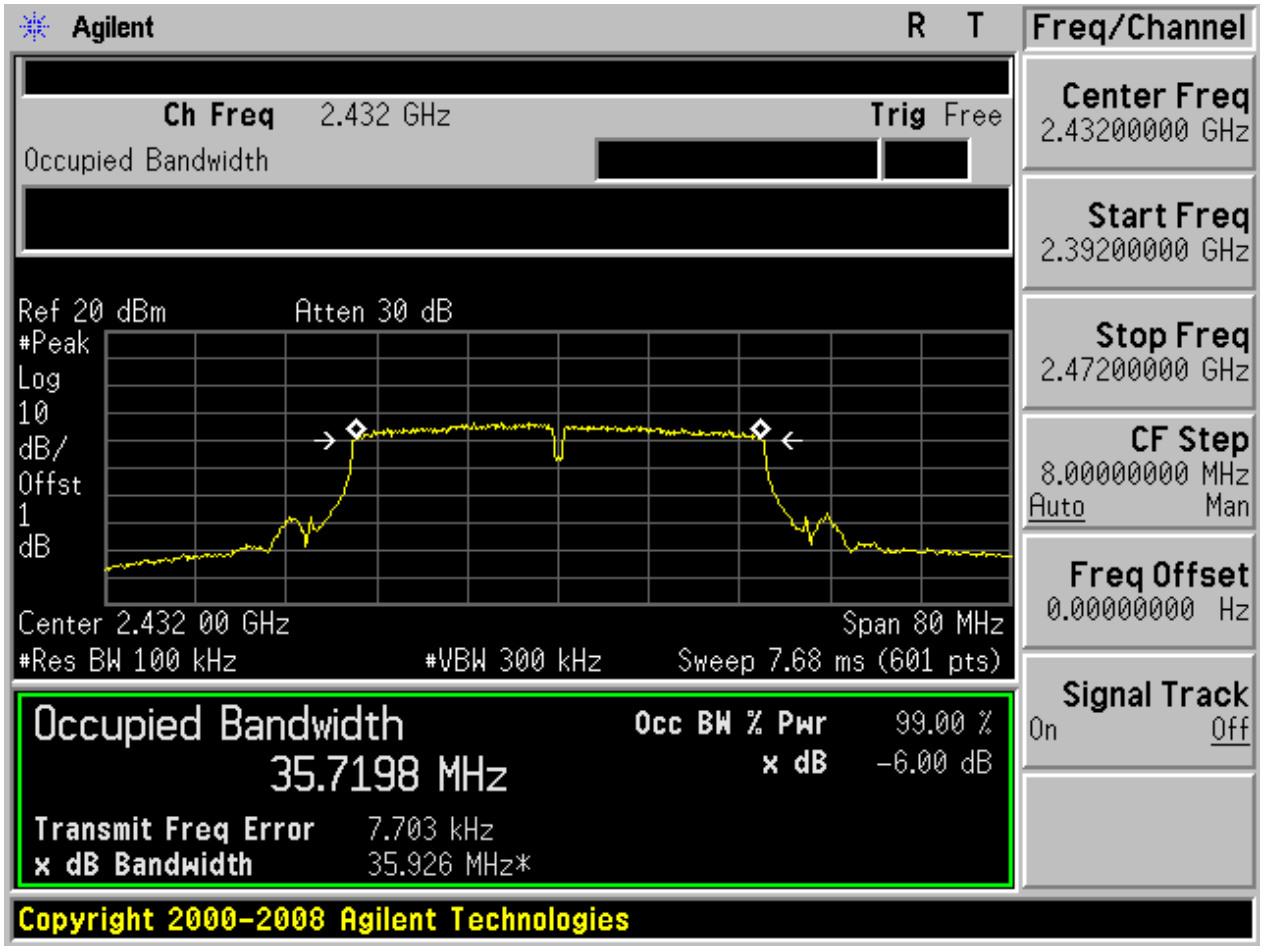
Copyright © Huawei Technologies Co., Ltd.

2.11 11N40_M@Ant 1



Copyright © Huawei Technologies Co., Ltd.

2.12 11N40_H@Ant 1



Copyright © Huawei Technologies Co., Ltd.

Appendix B: Occupied Bandwidth

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

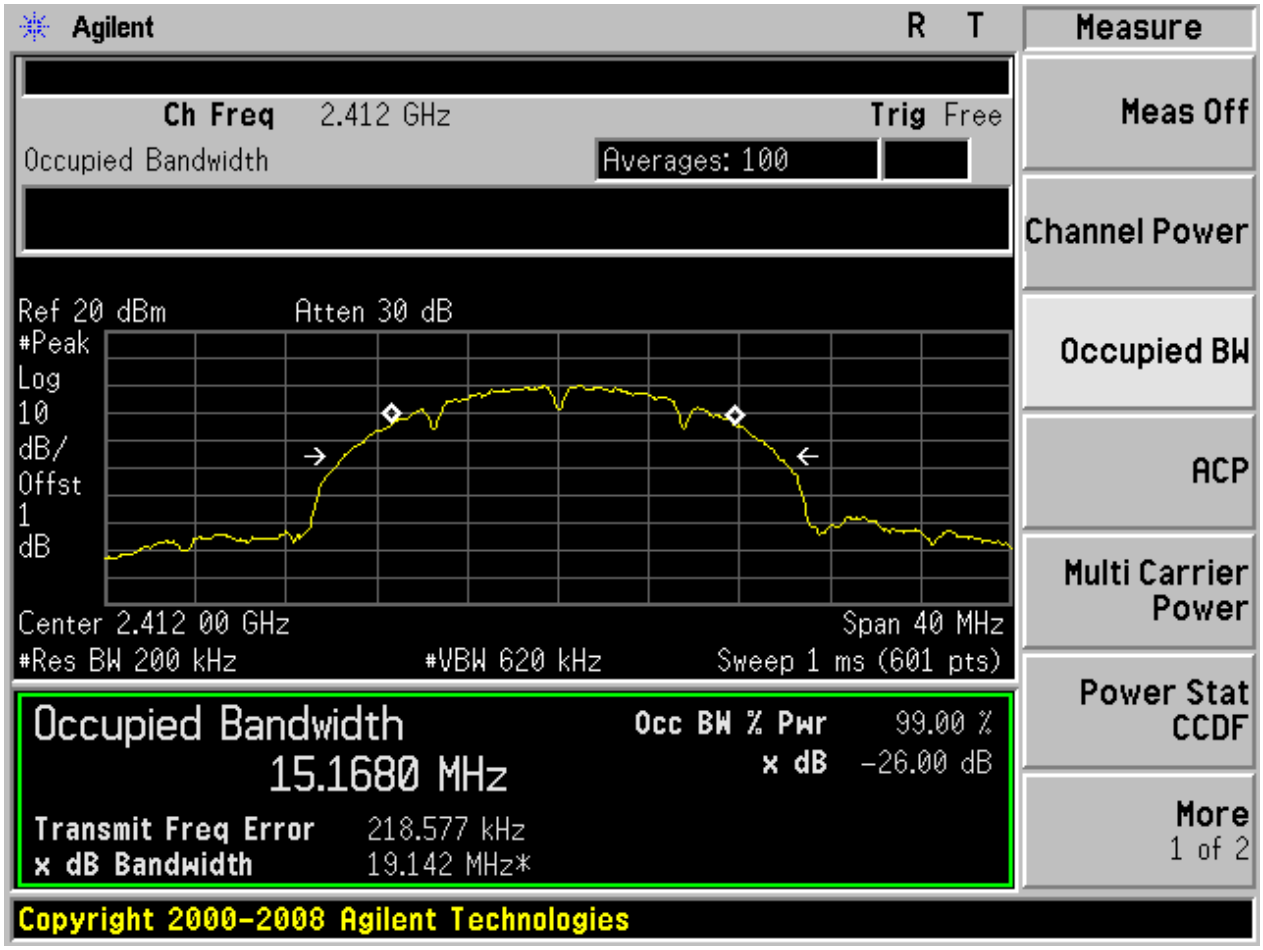
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	Occupied Bandwidth [MHz]	Verdict
11B	L	2412	Ant 1	15.17	pass
11B	M	2427	Ant 1	15.15	pass
11B	H	2442	Ant 1	15.39	pass
11G	L	2412	Ant 1	16.48	pass
11G	M	2427	Ant 1	16.47	pass
11G	H	2442	Ant 1	16.51	pass
11N20	L	2412	Ant 1	17.85	pass
11N20	M	2427	Ant 1	17.62	pass
11N20	H	2442	Ant 1	17.70	pass
11N40	L	2422	Ant 1	36.06	pass
11N40	M	2427	Ant 1	35.84	pass
11N40	H	2432	Ant 1	35.64	pass

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

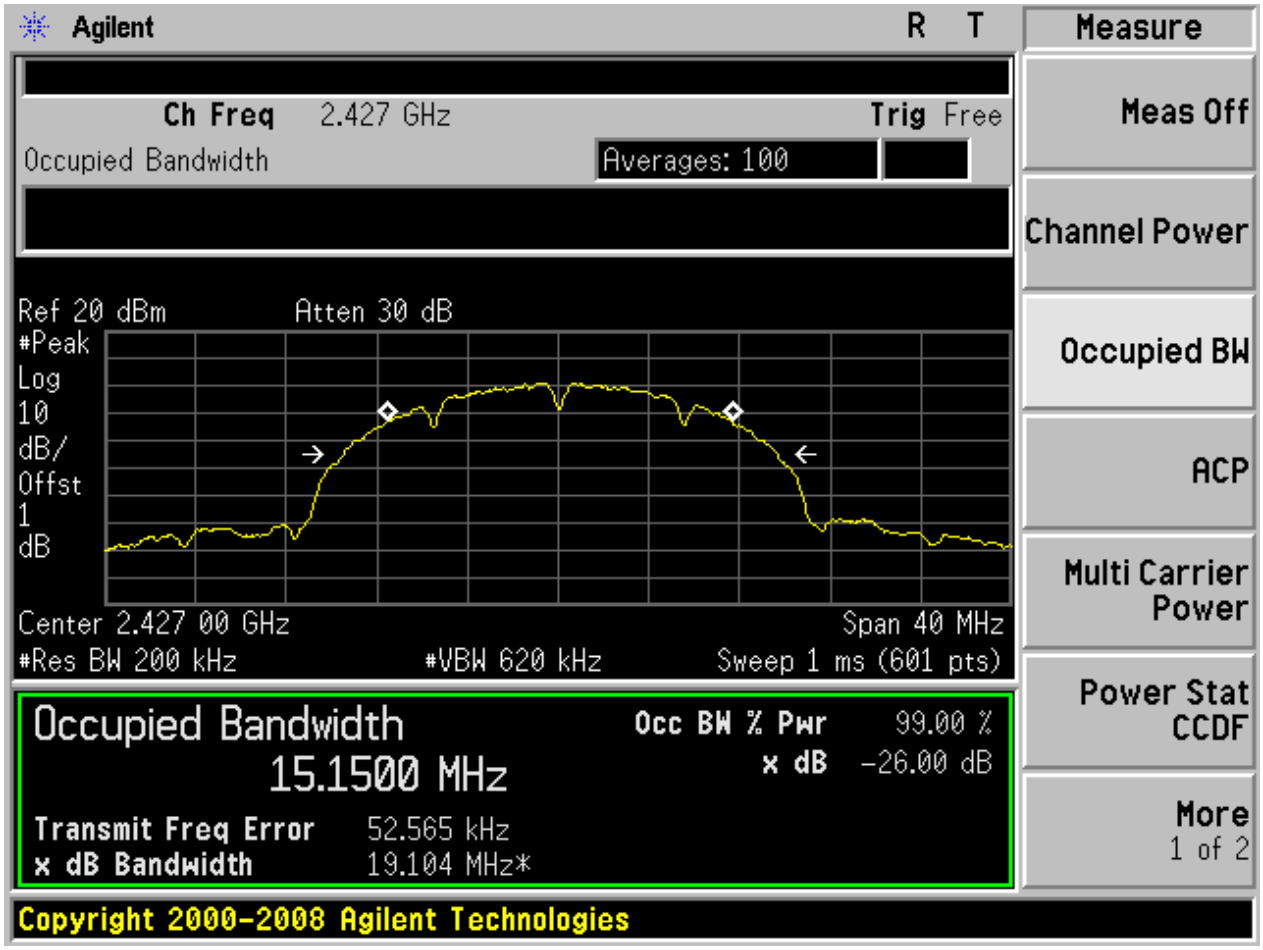
Part II - Test Plots

2.1 11B_L@Ant 1



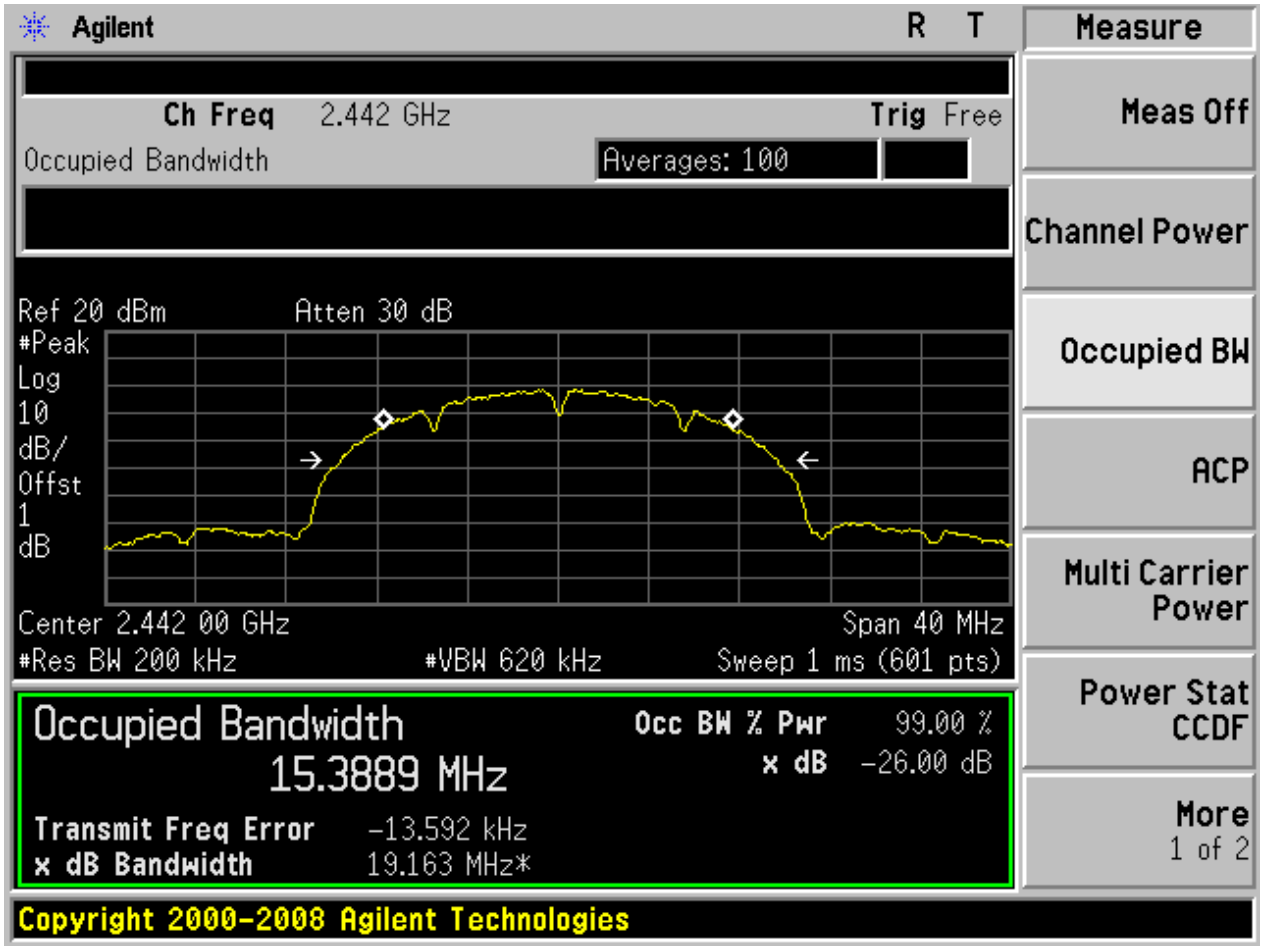
Copyright © Huawei Technologies Co., Ltd.

2.2 11B_M@Ant 1



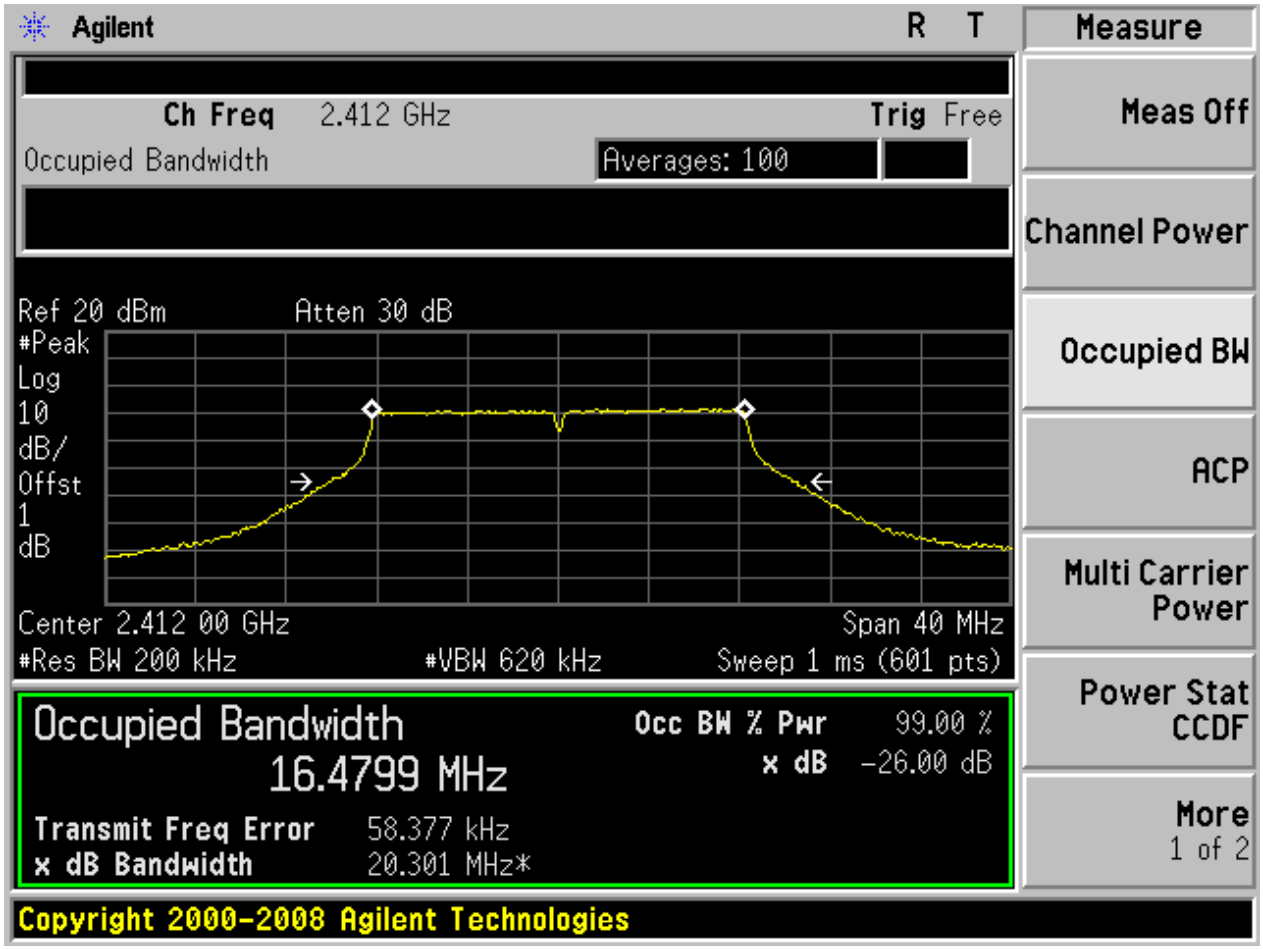
Copyright © Huawei Technologies Co., Ltd.

2.3 11B_H@Ant 1



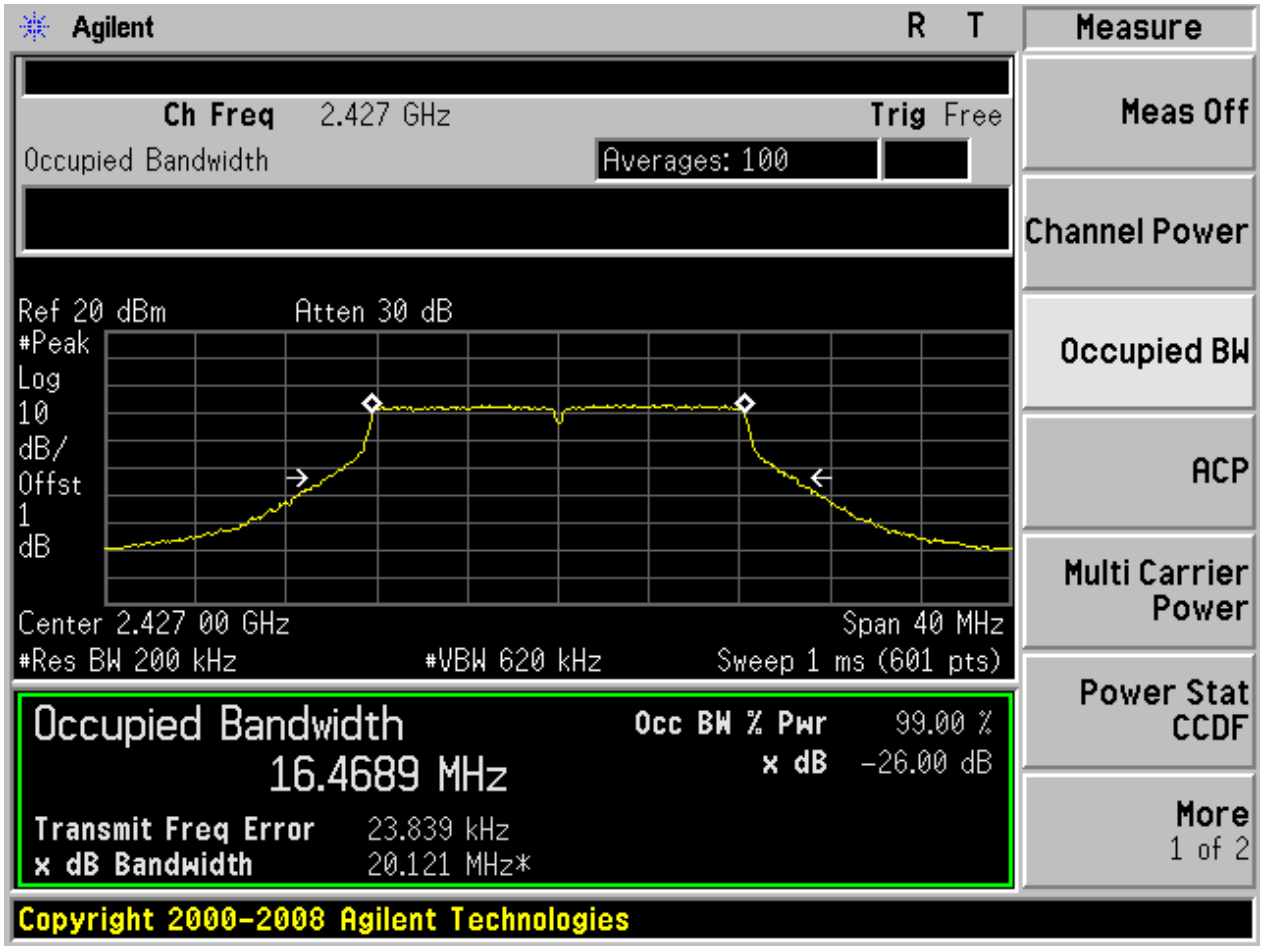
Copyright © Huawei Technologies Co., Ltd.

2.4 11G_L@Ant 1



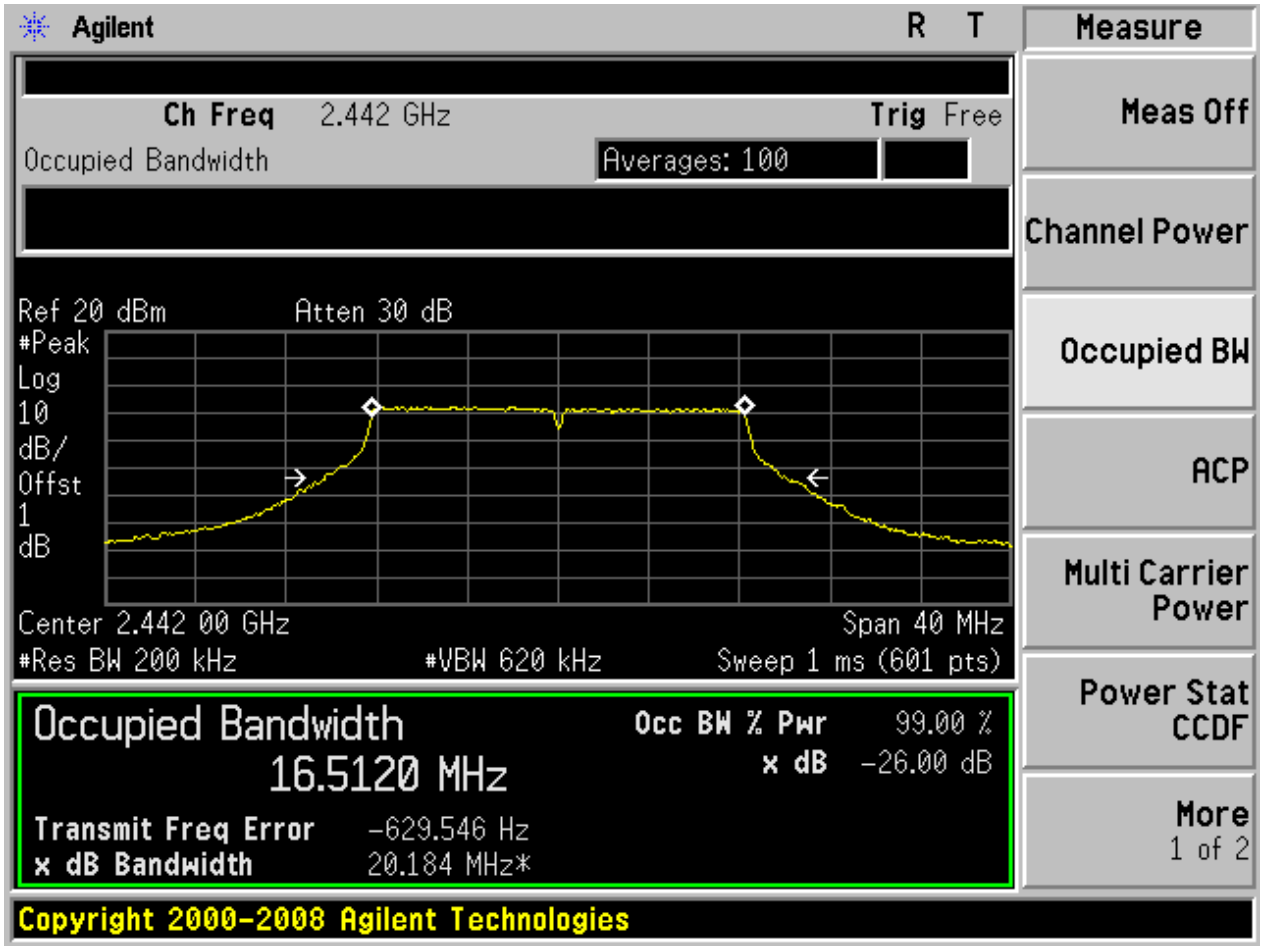
Copyright © Huawei Technologies Co., Ltd.

2.5 11G_M@Ant 1

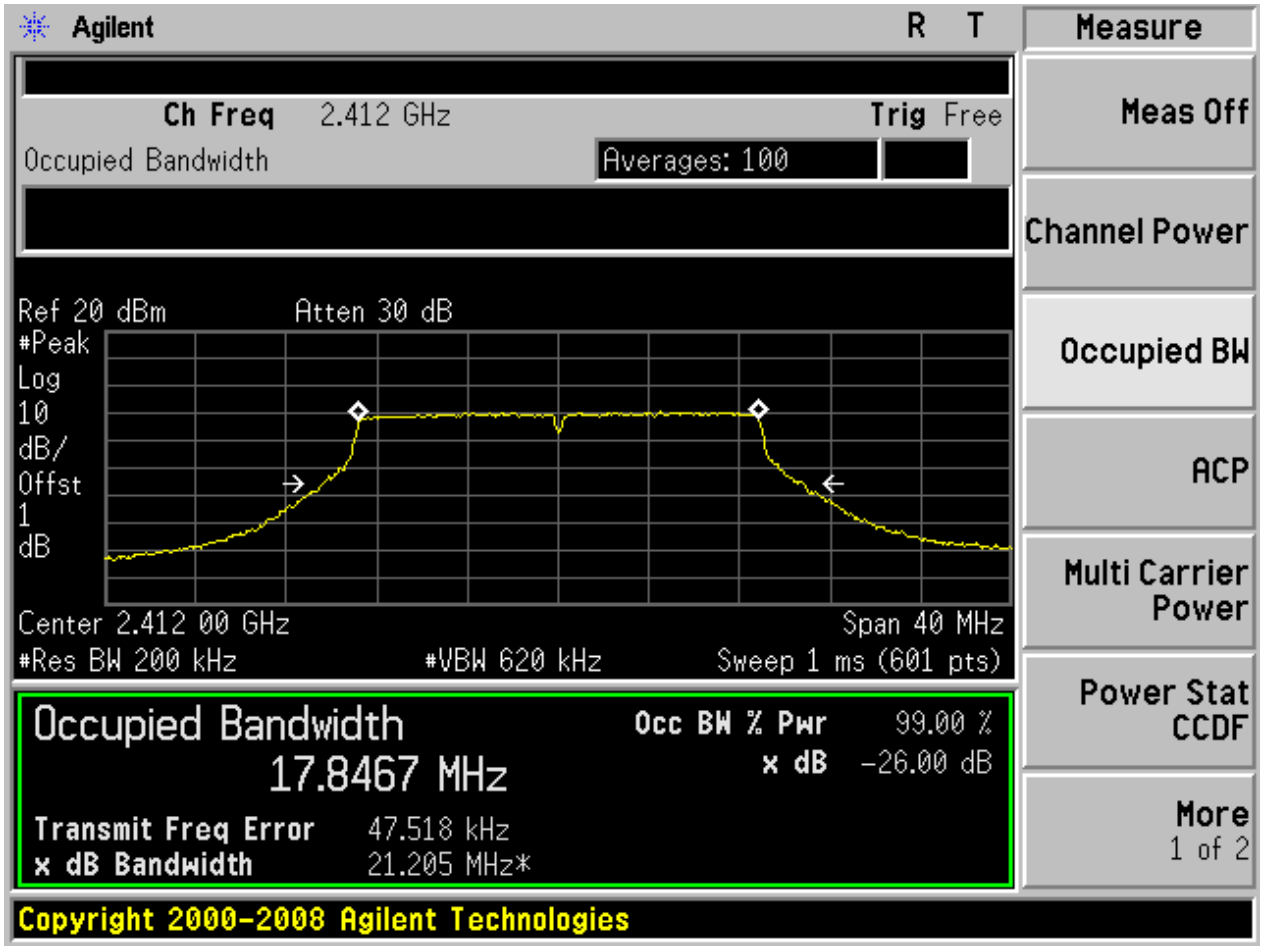


Copyright © Huawei Technologies Co., Ltd.

2.6 11G_H@Ant 1

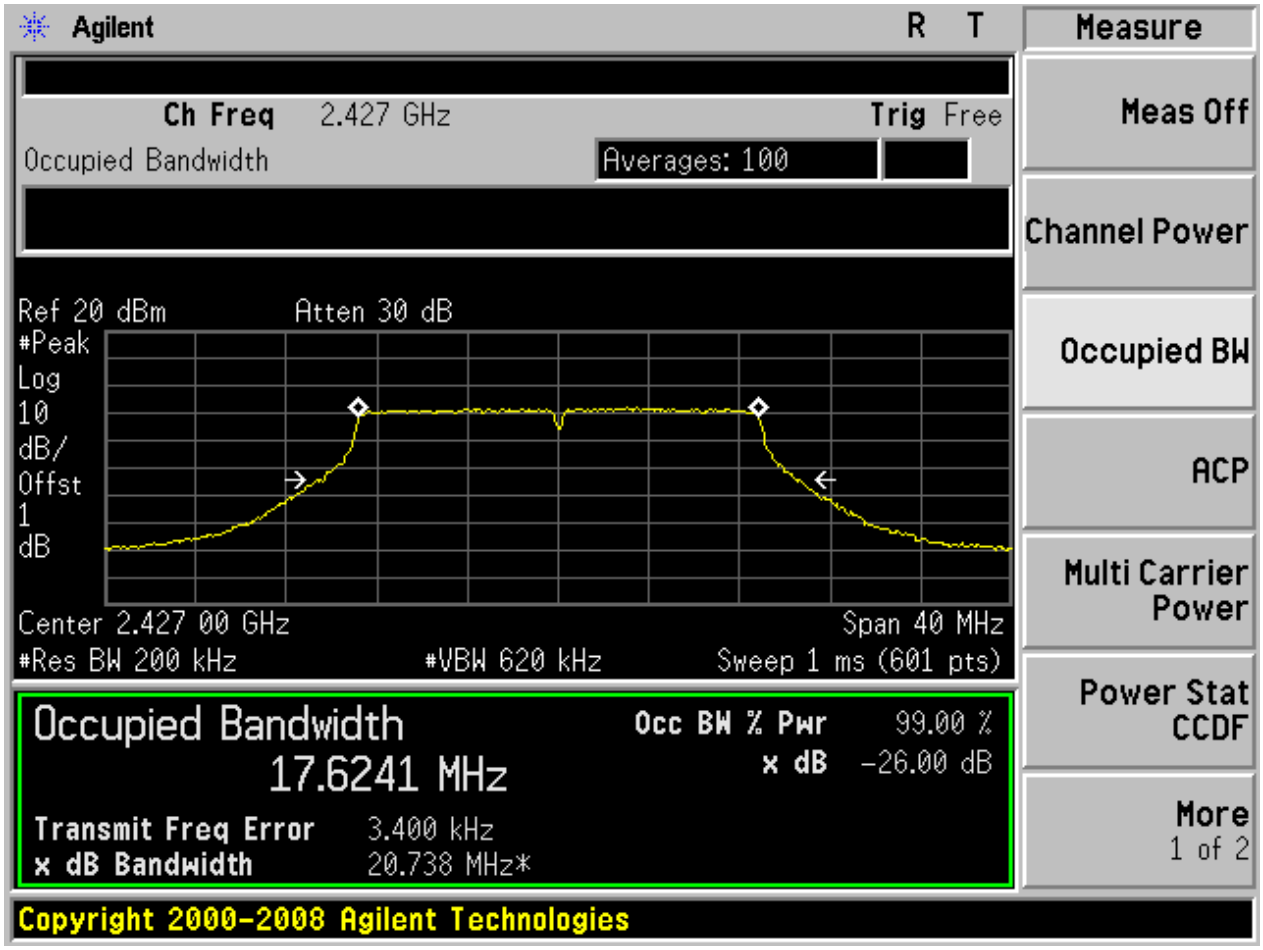

Agilent
R T
Measure
Ch Freq 2.442 GHz
Trig Free
Occupied Bandwidth
Averages: 100
Meas Off
Channel Power
Occupied BW
ACP
Multi Carrier Power
Power Stat CCDF
More 1 of 2
Ref 20 dBm
Atten 30 dB
#Peak
Log
10
dB/
Offst
1
dB
Center 2.442 00 GHz
Span 40 MHz
#Res BW 200 kHz
#VBW 620 kHz
Sweep 1 ms (601 pts)
Occupied Bandwidth
16.5120 MHz
Occ BW % Pwr 99.00 %
x dB -26.00 dB
Transmit Freq Error -629.546 Hz
x dB Bandwidth 20.184 MHz*
Copyright 2000-2008 Agilent Technologies

2.7 11N20_L@Ant 1



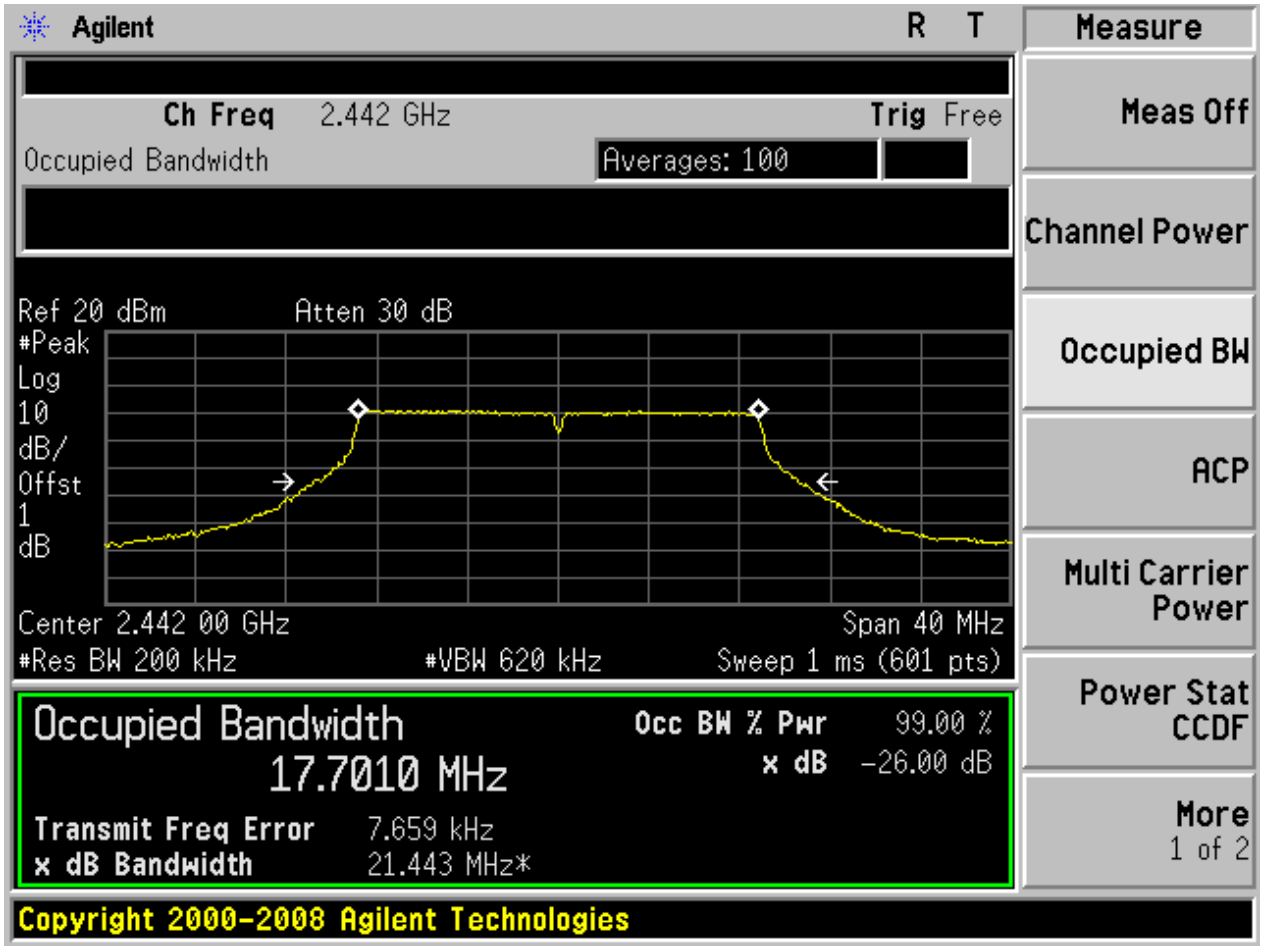
Copyright © Huawei Technologies Co., Ltd.

2.8 11N20_M@Ant 1



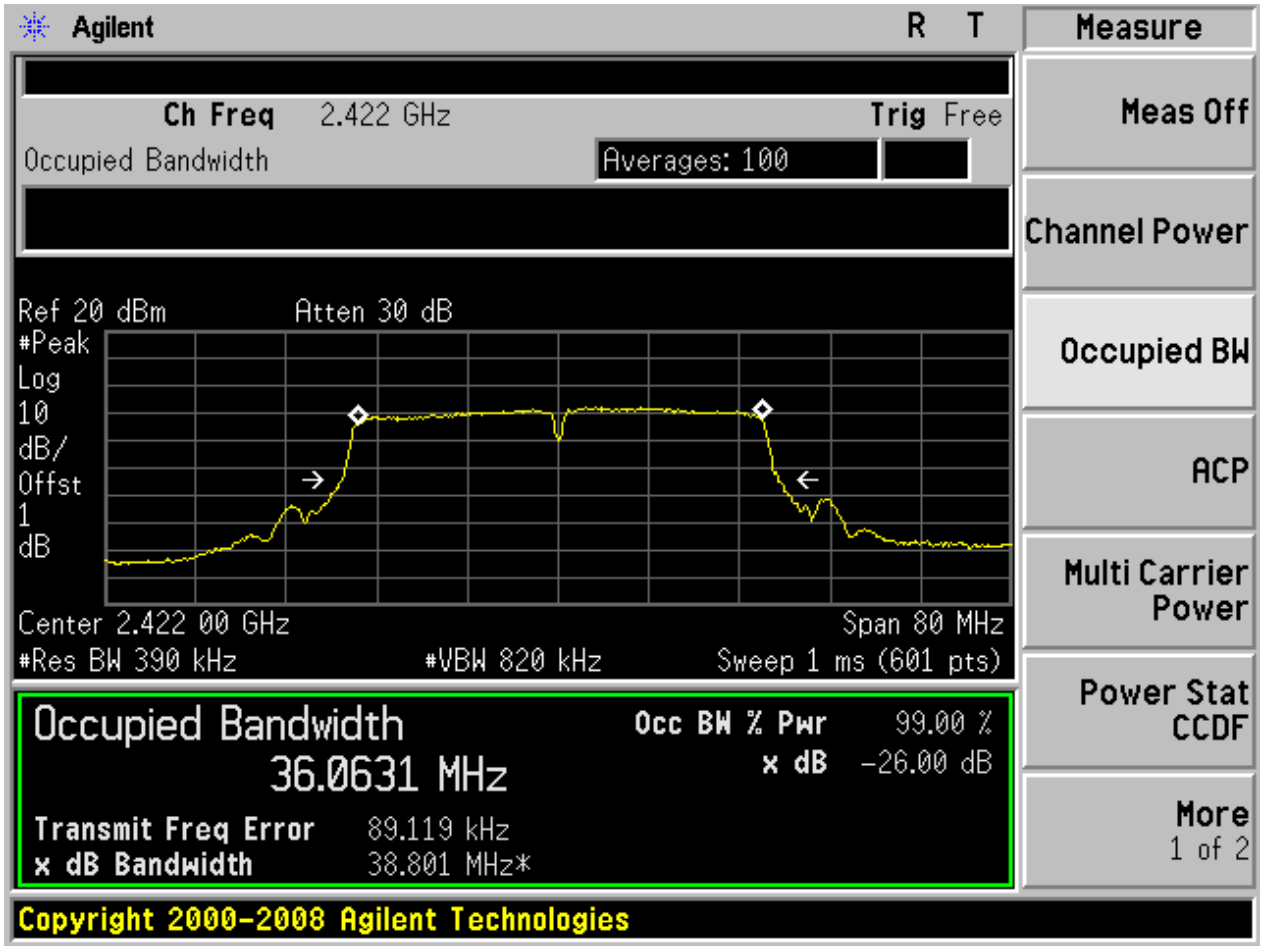
Copyright © Huawei Technologies Co., Ltd.

2.9 11N20_H@Ant 1



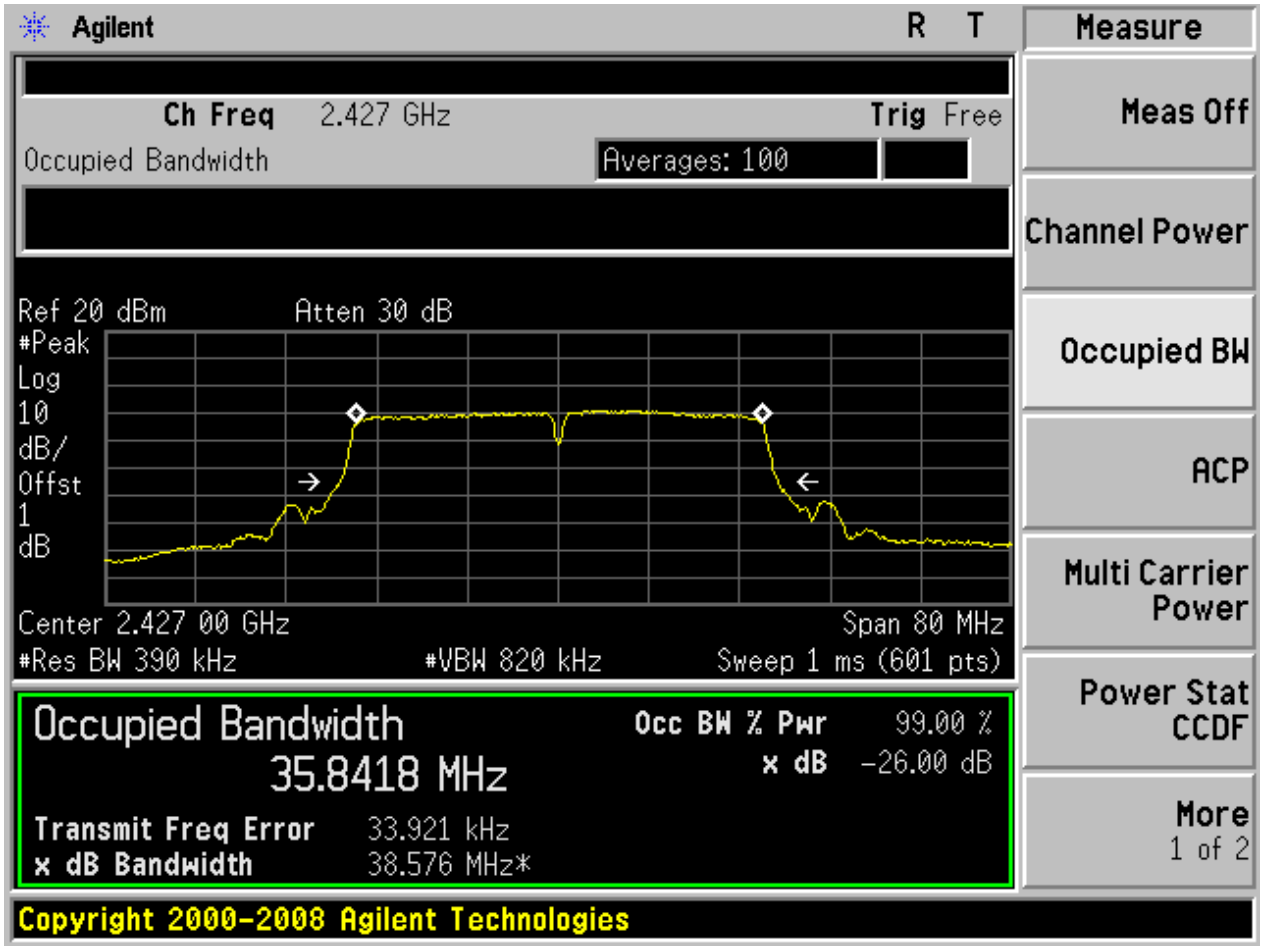
Copyright © Huawei Technologies Co., Ltd.

2.10 11N40_L@Ant 1

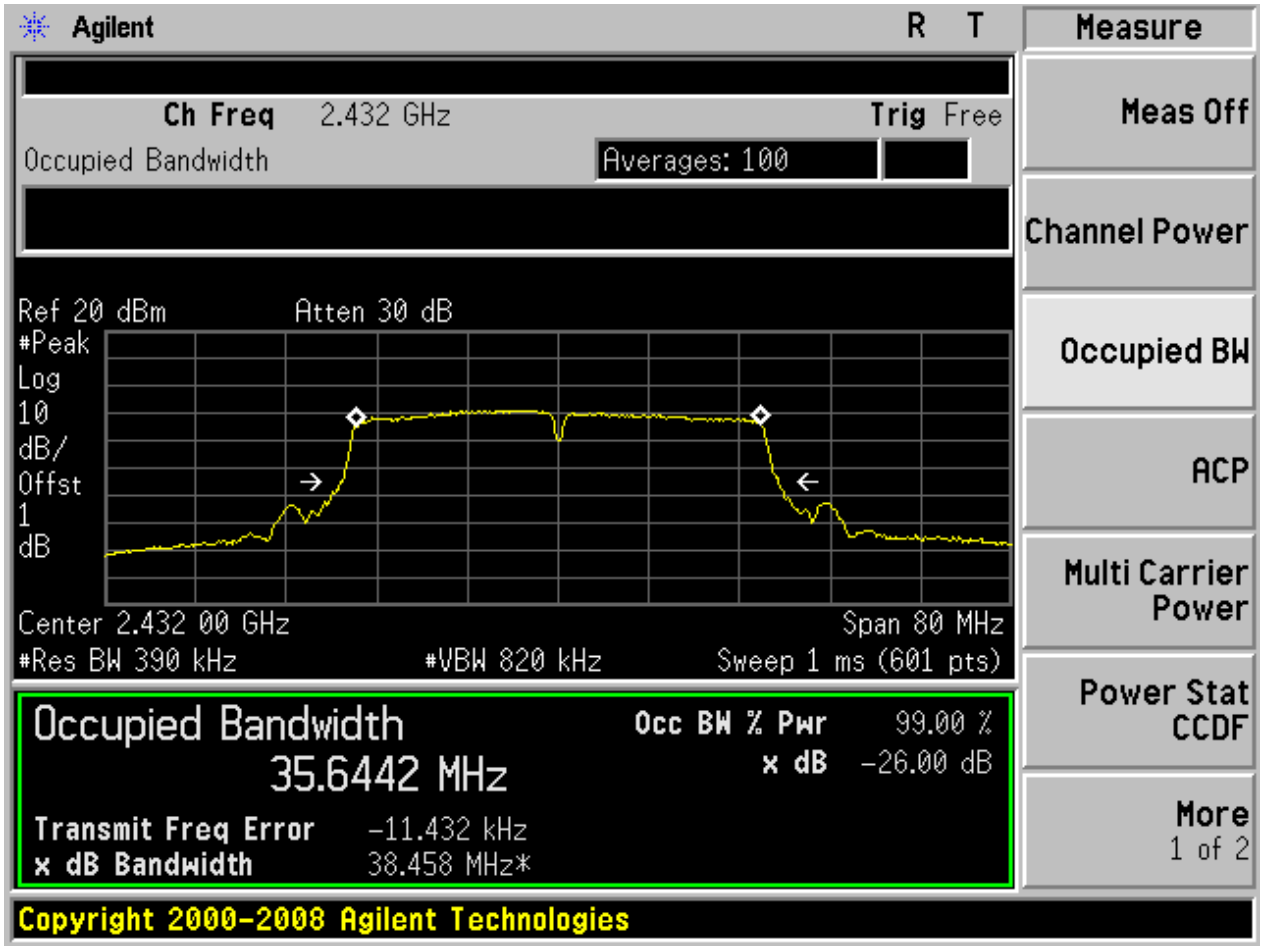


Copyright © Huawei Technologies Co., Ltd.

2.11 11N40_M@Ant 1



2.12 11N40_H@Ant 1



Appendix C: Duty Cycle

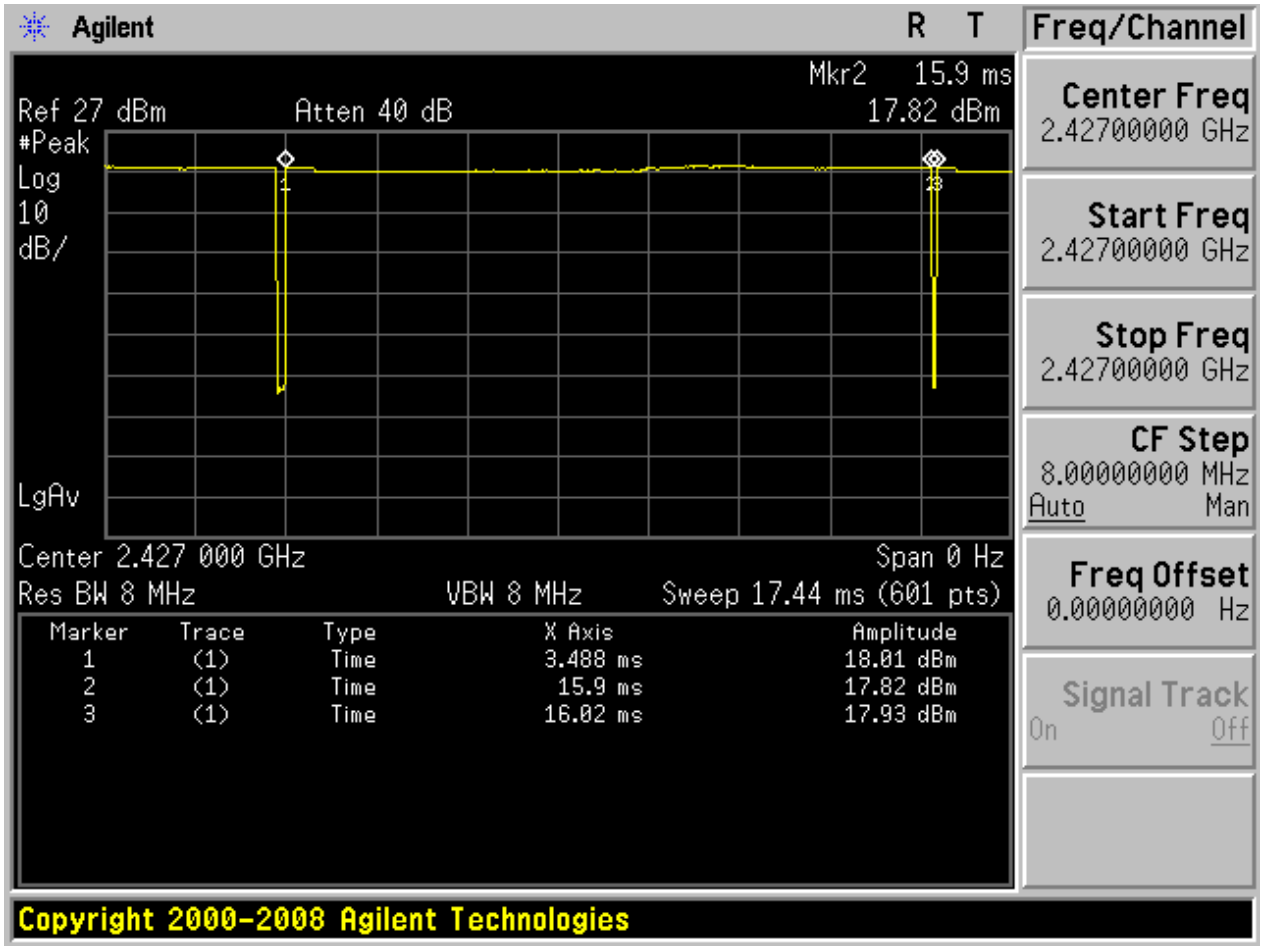
Part I - Test Results

Test Mode	TX Freq. [MHz]	Duty cycle [%]
11B	Ant 1: CH1,CH4,CH7	99
11G	Ant 1: CH1,CH4,CH7	92
11N_20M_SISO	Ant 1: CH1,CH4,CH7	93
11N_40M_SISO	Ant 1: CH3,CH4,CH5	81

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

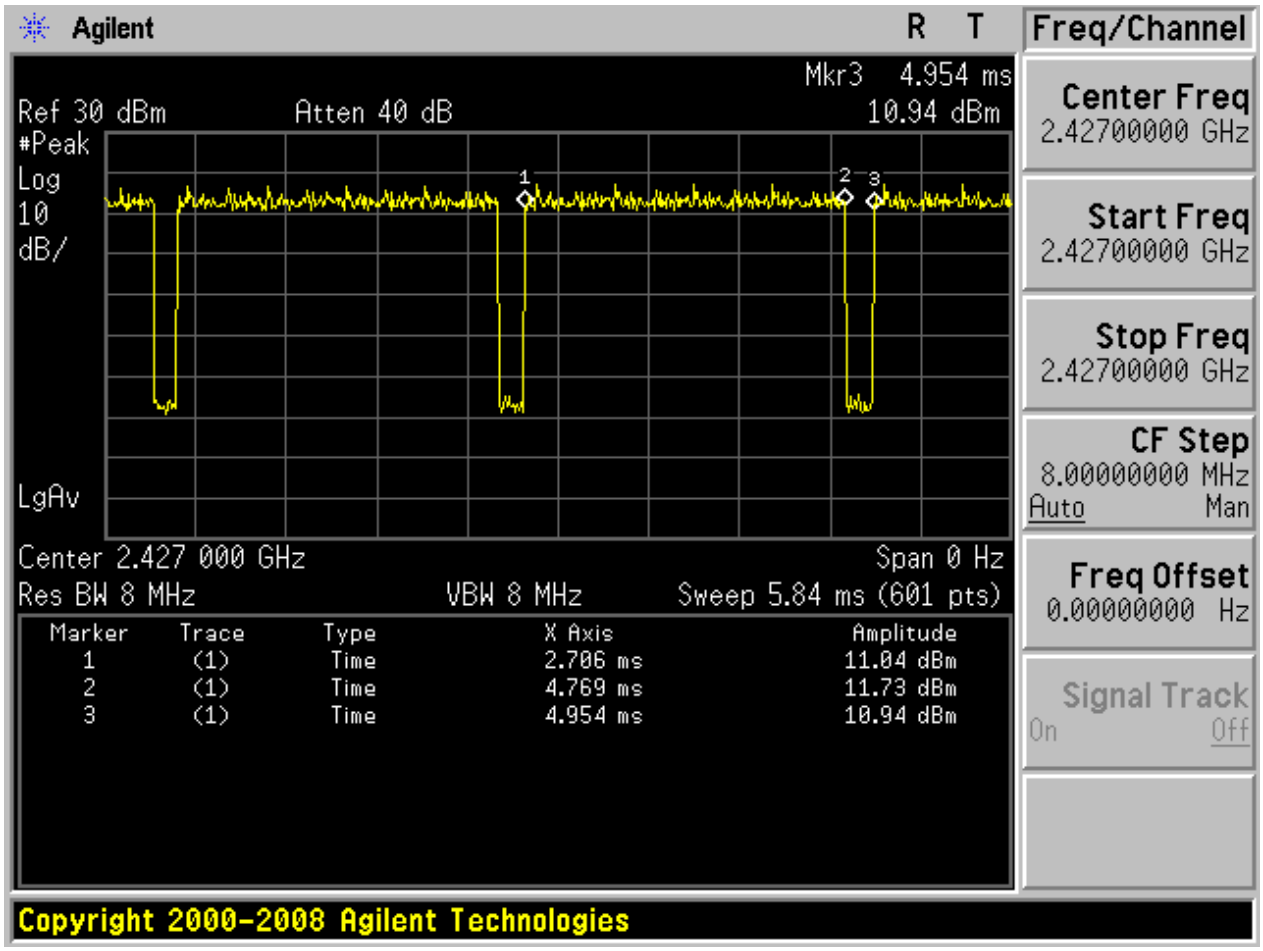
Part II - Test Plots

2.1 11B



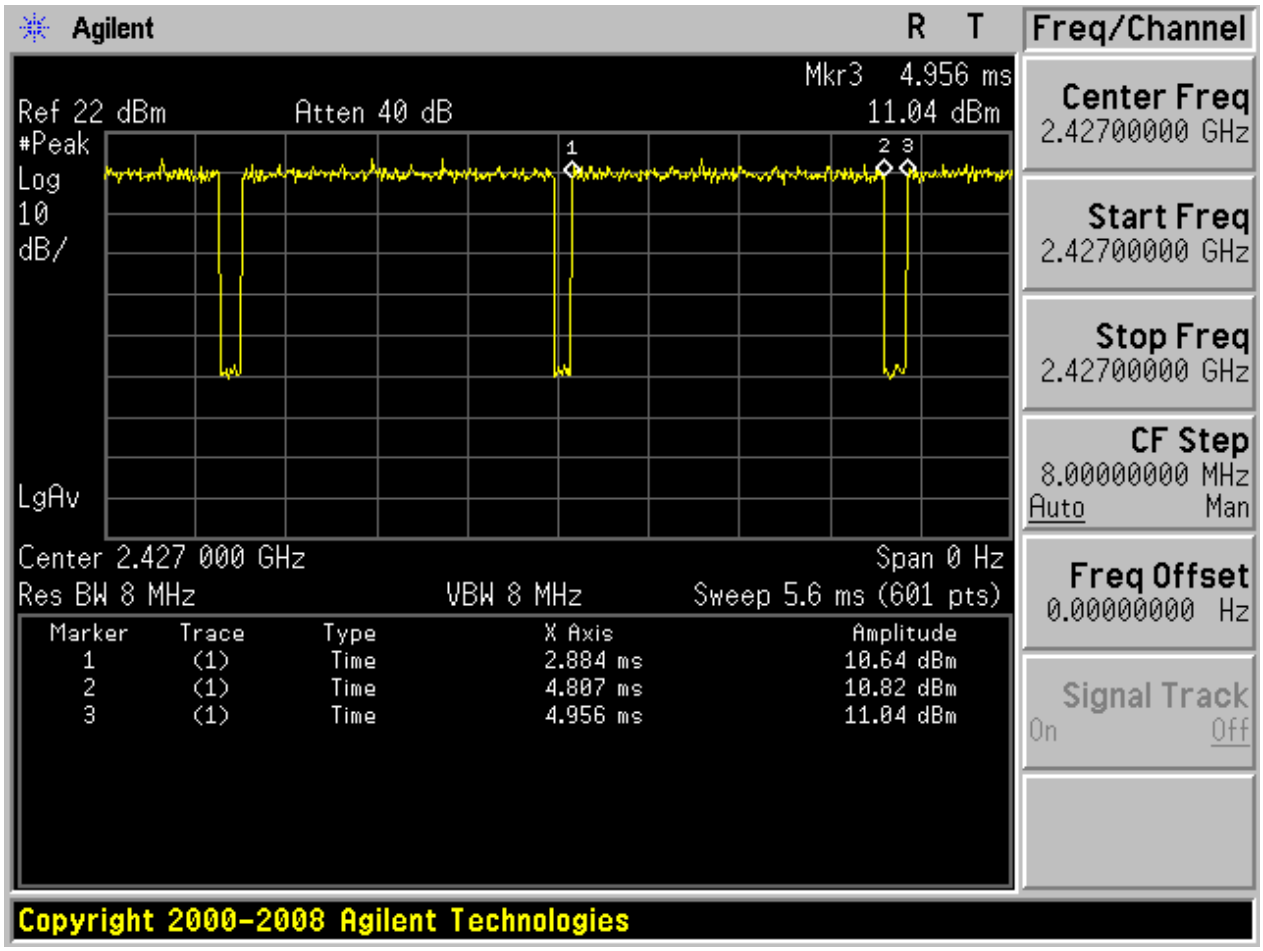
Copyright © Huawei Technologies Co., Ltd.

2.2 11G



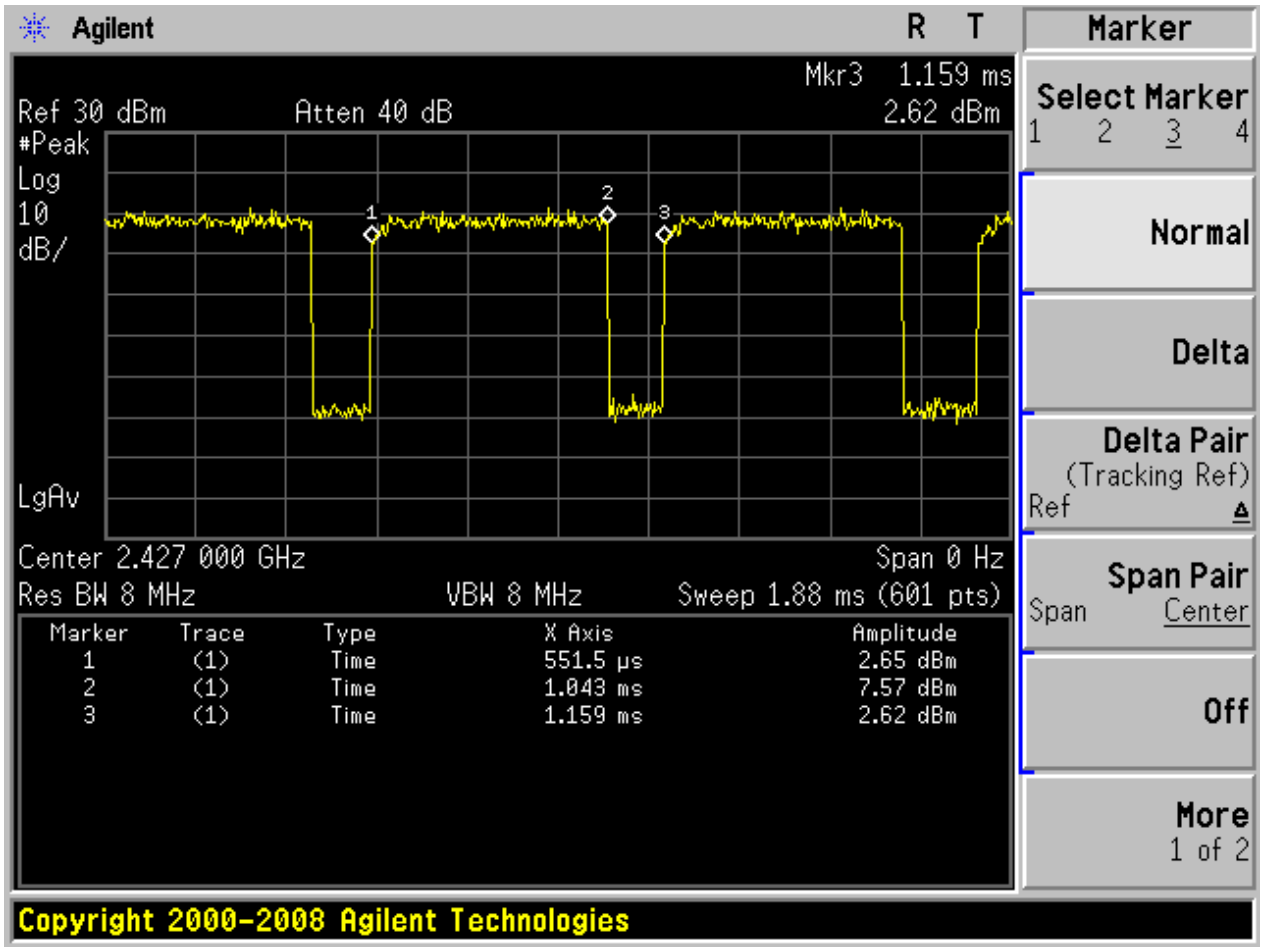
Copyright © Huawei Technologies Co., Ltd.

2.3 11N20



Copyright © Huawei Technologies Co., Ltd.

2.4 11N40



Copyright © Huawei Technologies Co., Ltd.

Appendix D: Maximum Conducted Average Output Power

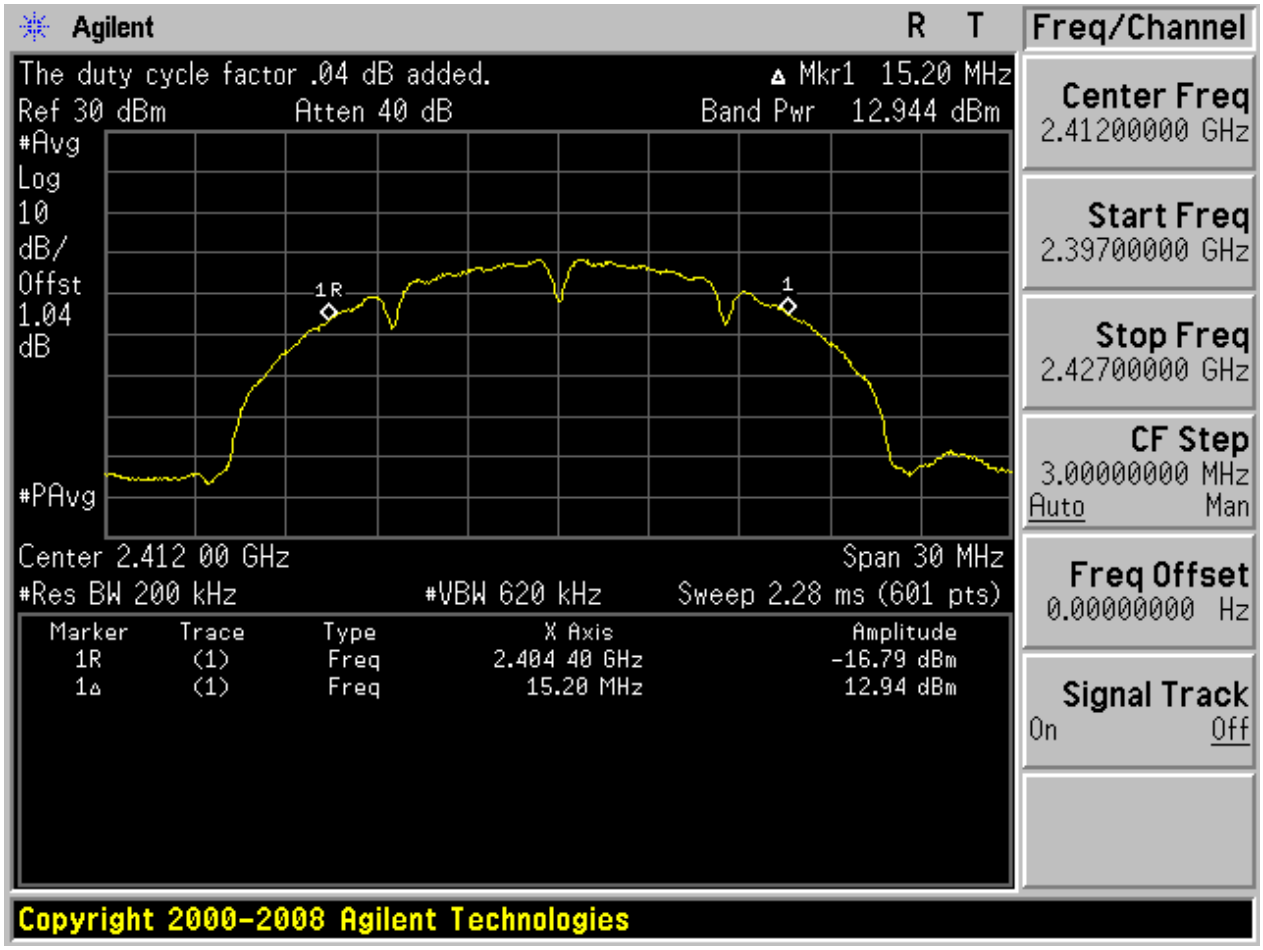
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	Power[dBm]	Verdict
11B	L	2412	Ant 1	12.94	pass
11B	M	2427	Ant 1	13.91	pass
11B	H	2442	Ant 1	11.69	pass
11G	L	2412	Ant 1	8.18	pass
11G	M	2427	Ant 1	9.38	pass
11G	H	2442	Ant 1	8.86	pass
11N20	L	2412	Ant 1	7.34	pass
11N20	M	2427	Ant 1	8.56	pass
11N20	H	2442	Ant 1	7.89	pass
11N40	L	2422	Ant 1	6.97	pass
11N40	M	2427	Ant 1	6.64	pass
11N40	H	2432	Ant 1	6.75	pass

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

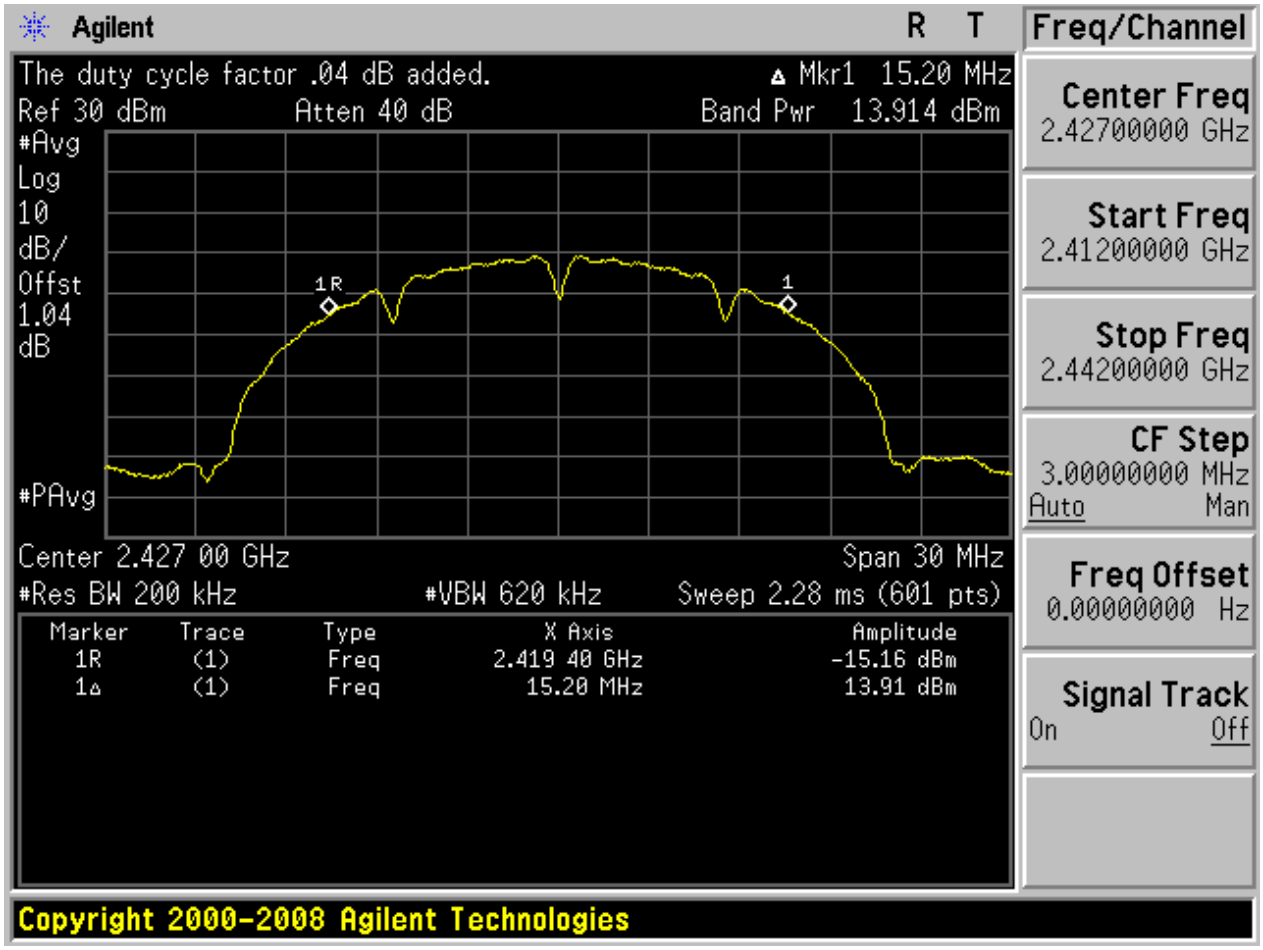
Part II - Test Plots

2.1 11B_L@Ant 1



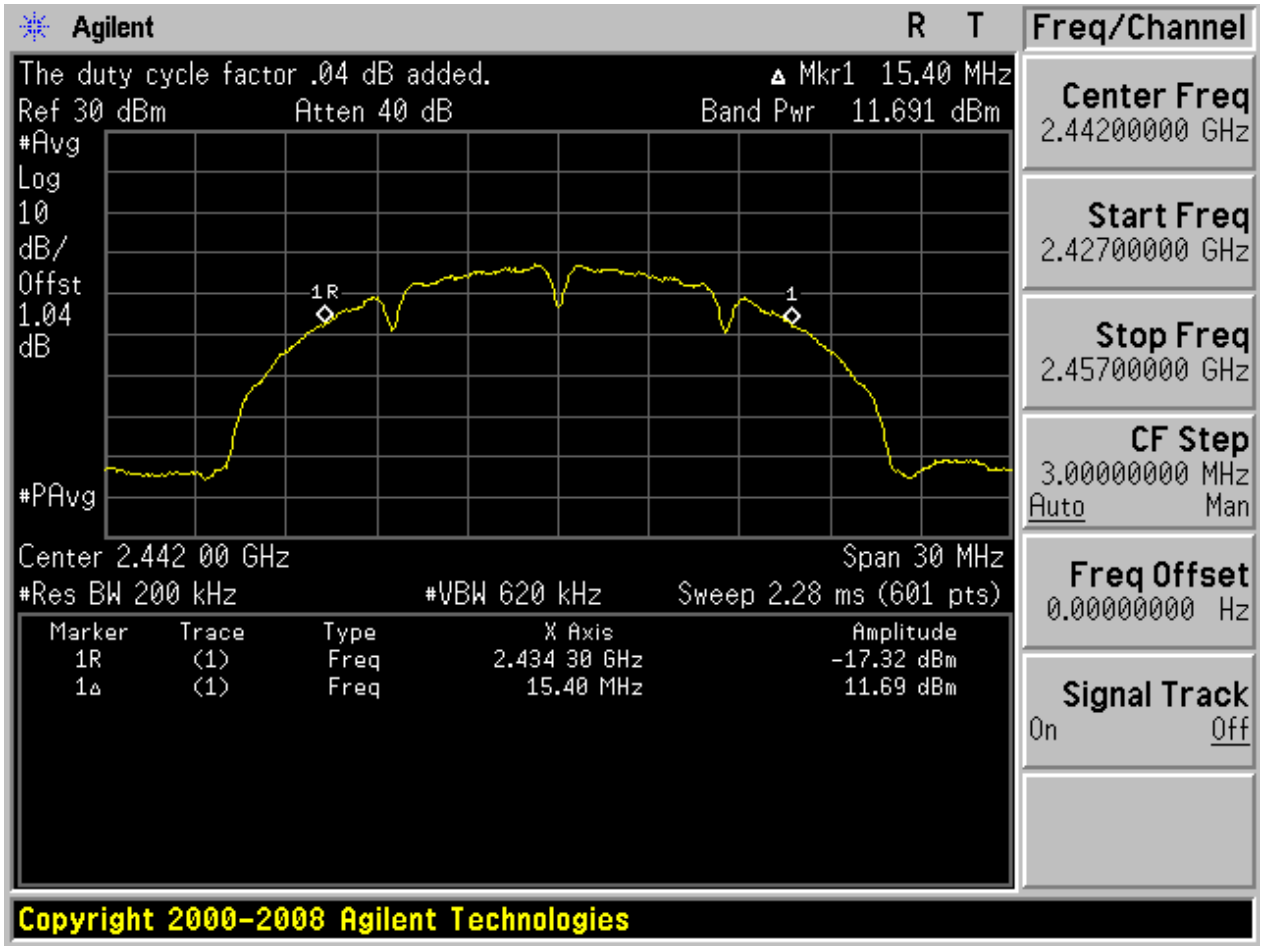
Copyright © Huawei Technologies Co., Ltd.

2.2 11B_M@Ant 1



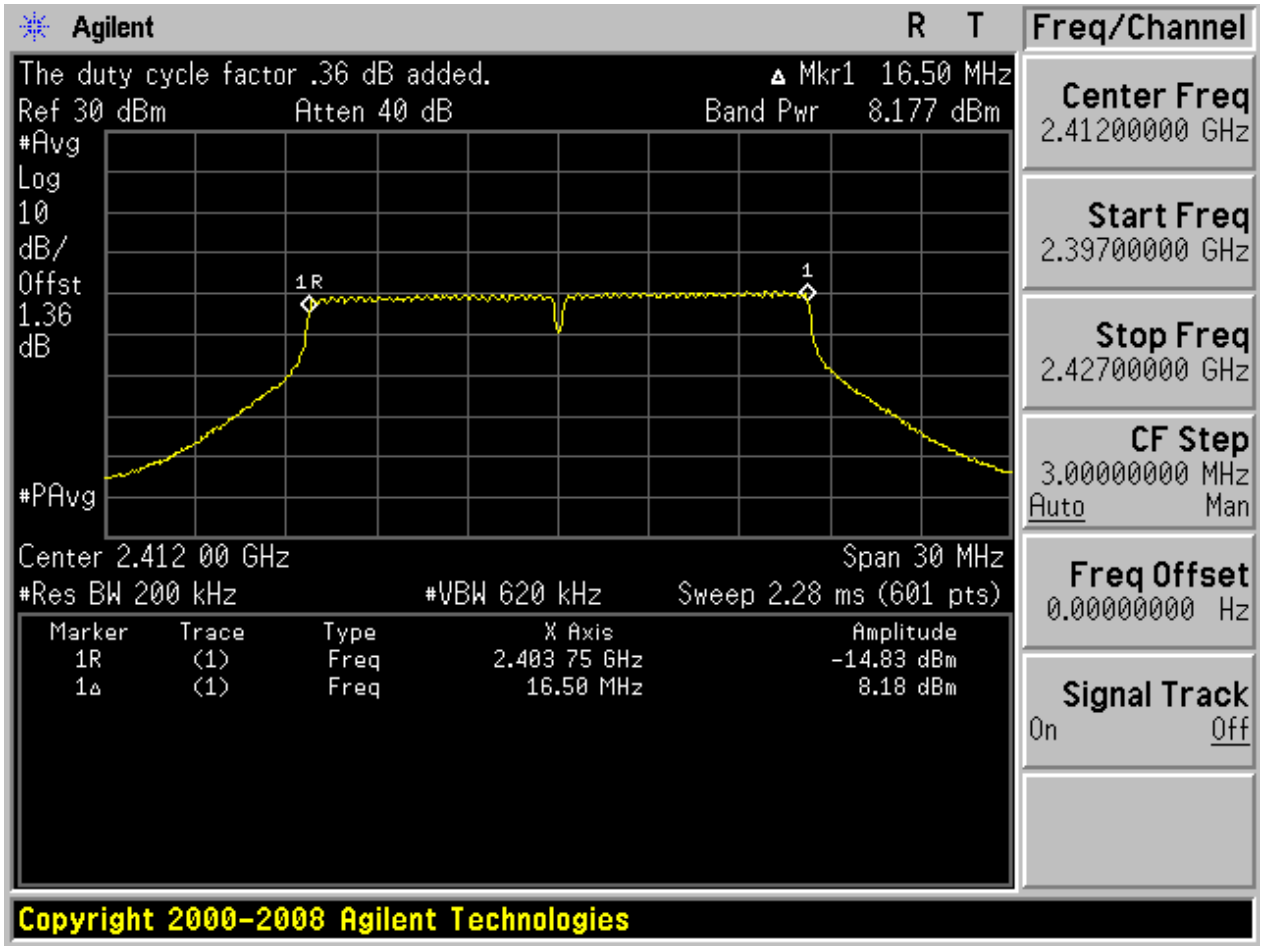
Copyright © Huawei Technologies Co., Ltd.

2.3 11B_H@Ant 1



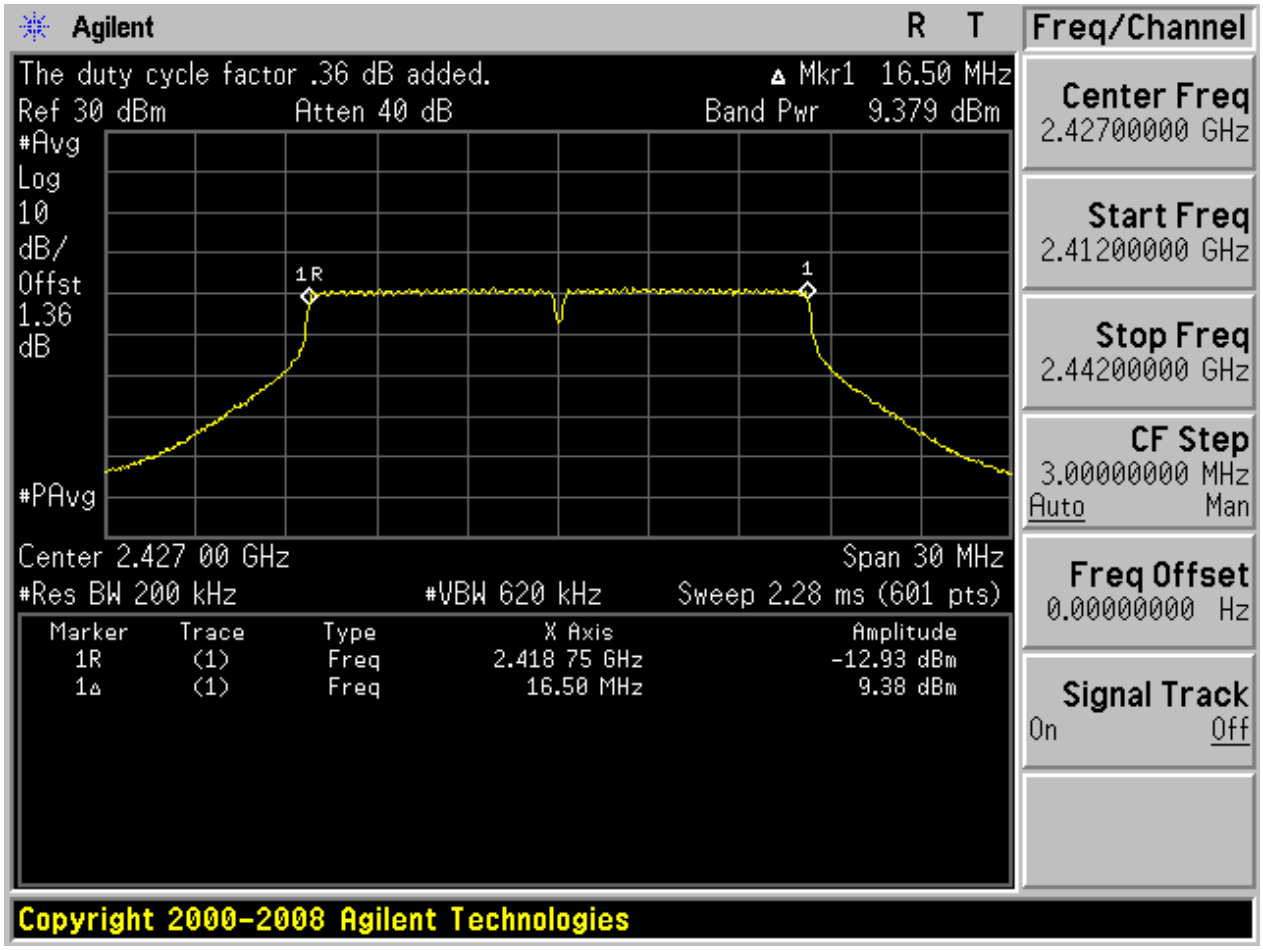
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.4 11G_L@Ant 1



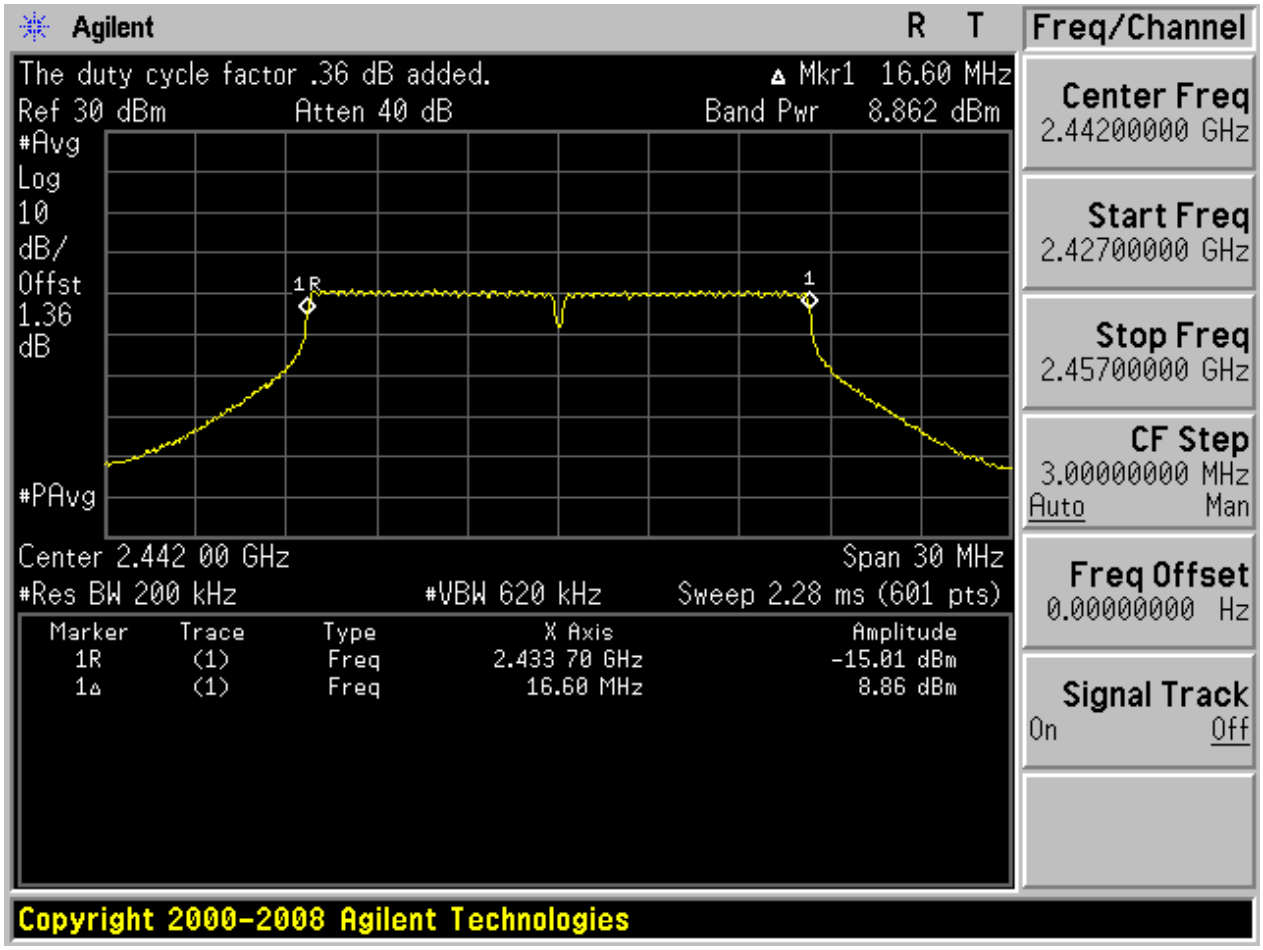
Copyright © Huawei Technologies Co., Ltd.

2.5 11G_M@Ant 1



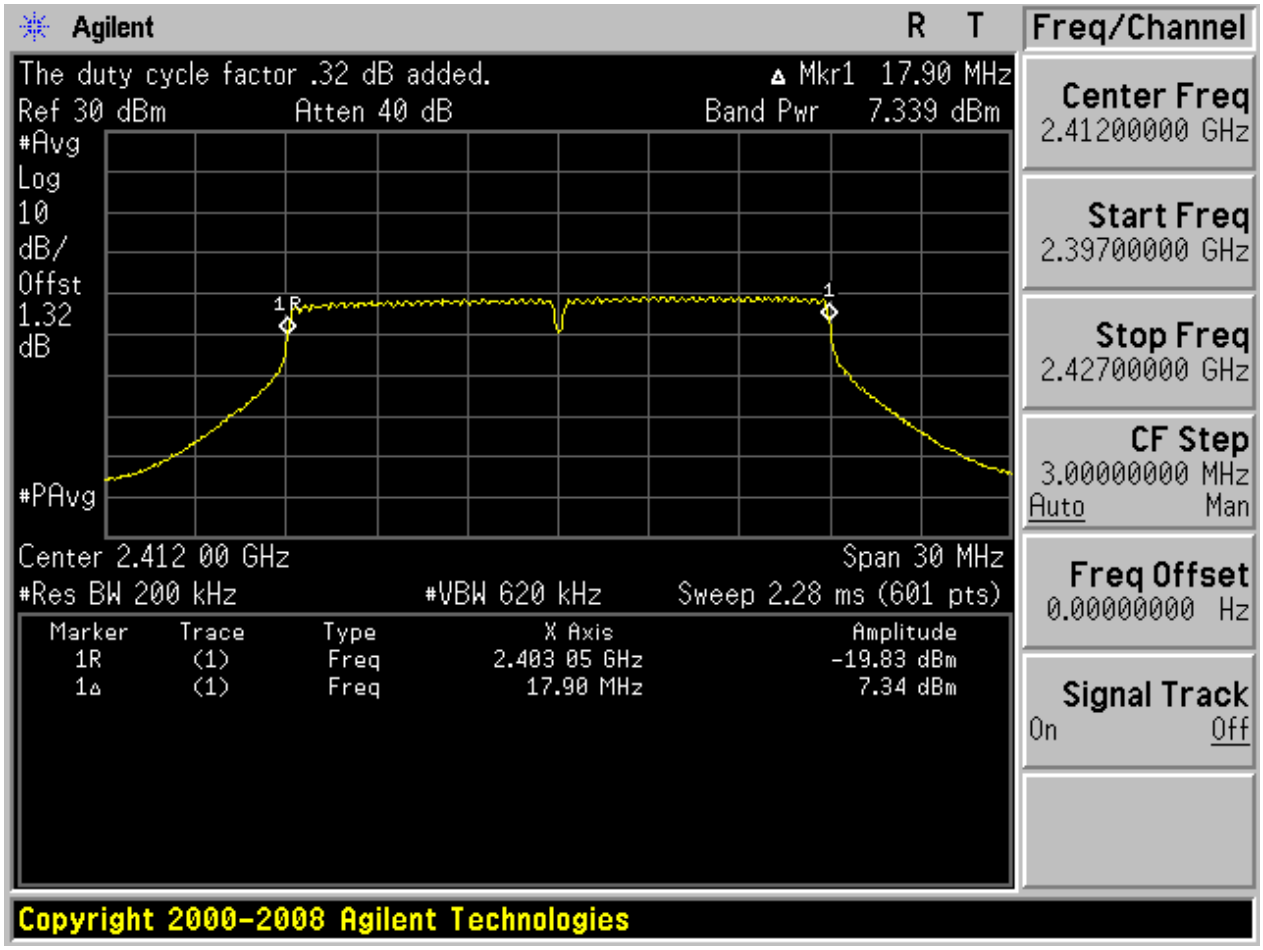
Copyright © Huawei Technologies Co., Ltd.

2.6 11G_H@Ant 1



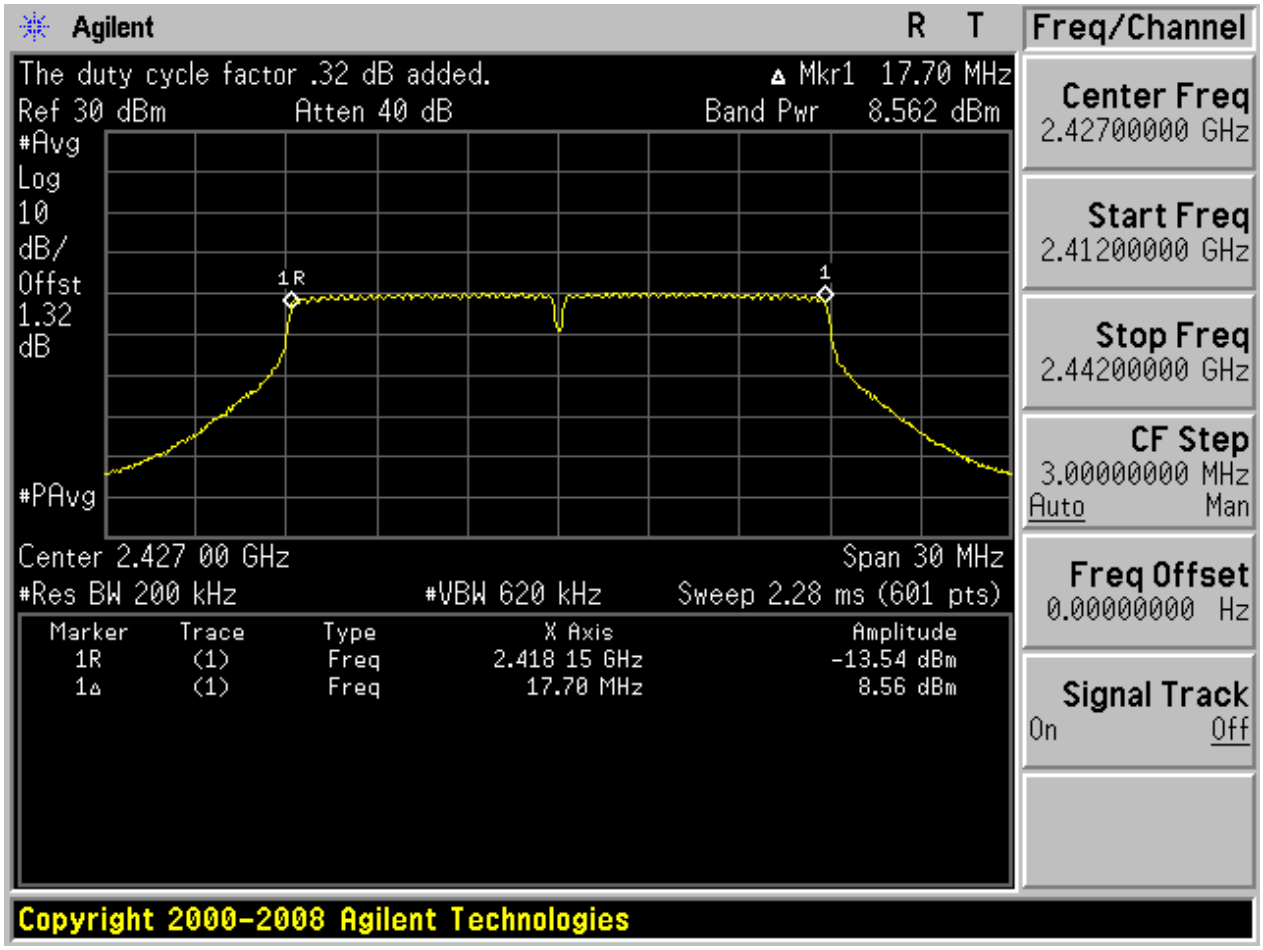
Copyright © Huawei Technologies Co., Ltd.

2.7 11N20_L@Ant 1



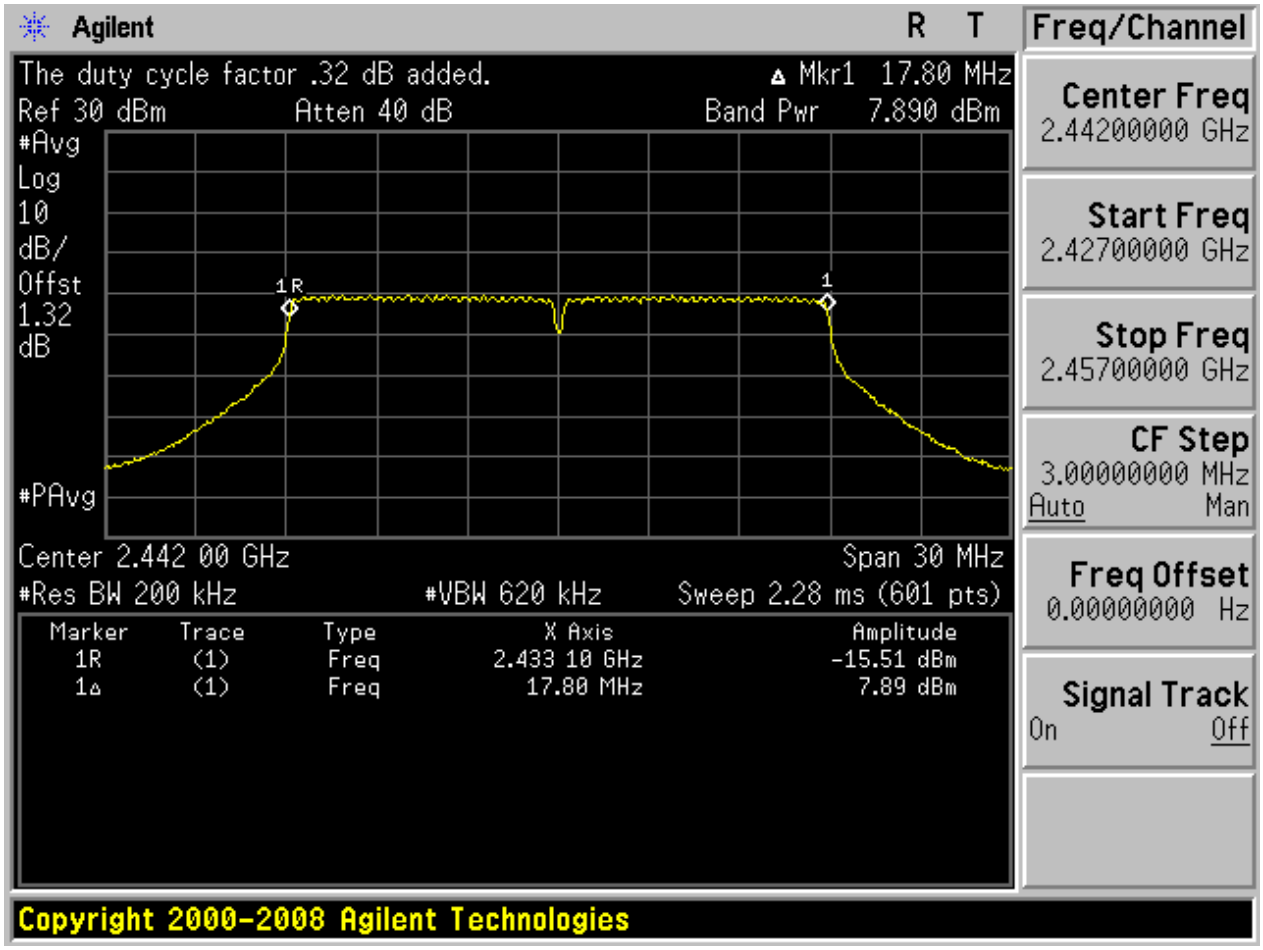
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.8 11N20_M@Ant 1



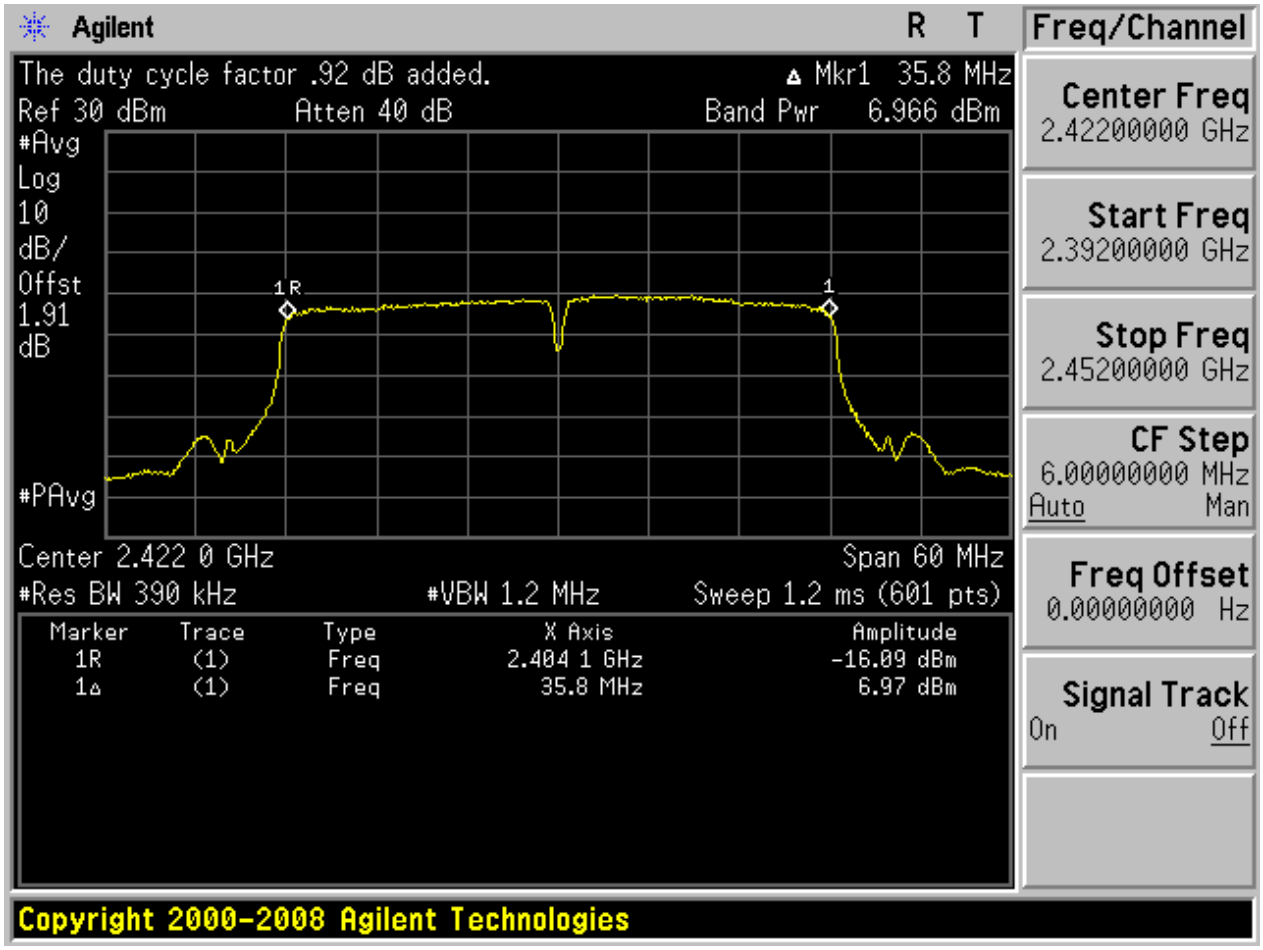
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.9 11N20_H@Ant 1



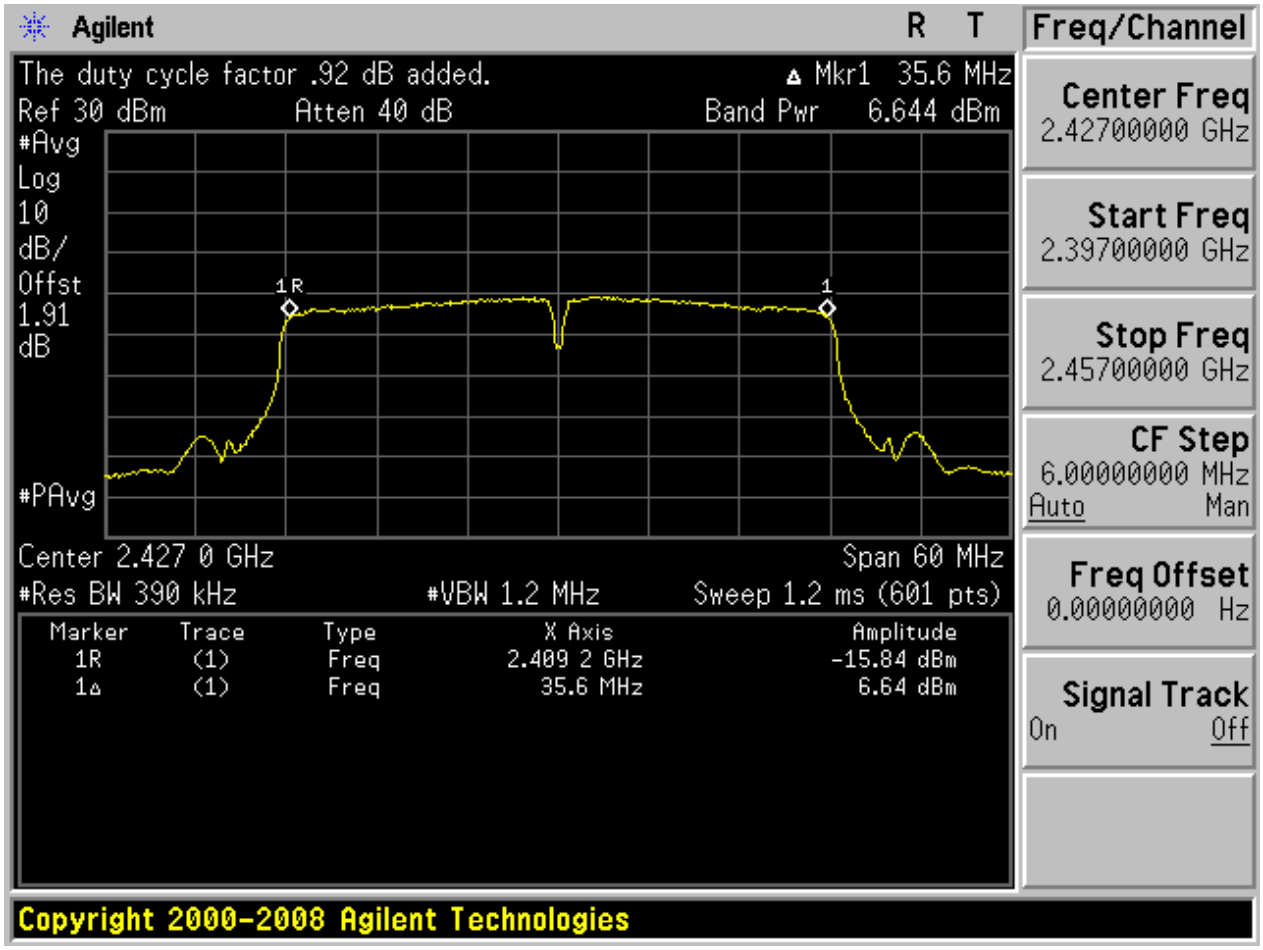
Copyright © Huawei Technologies Co., Ltd.

2.10 11N40_L@Ant 1



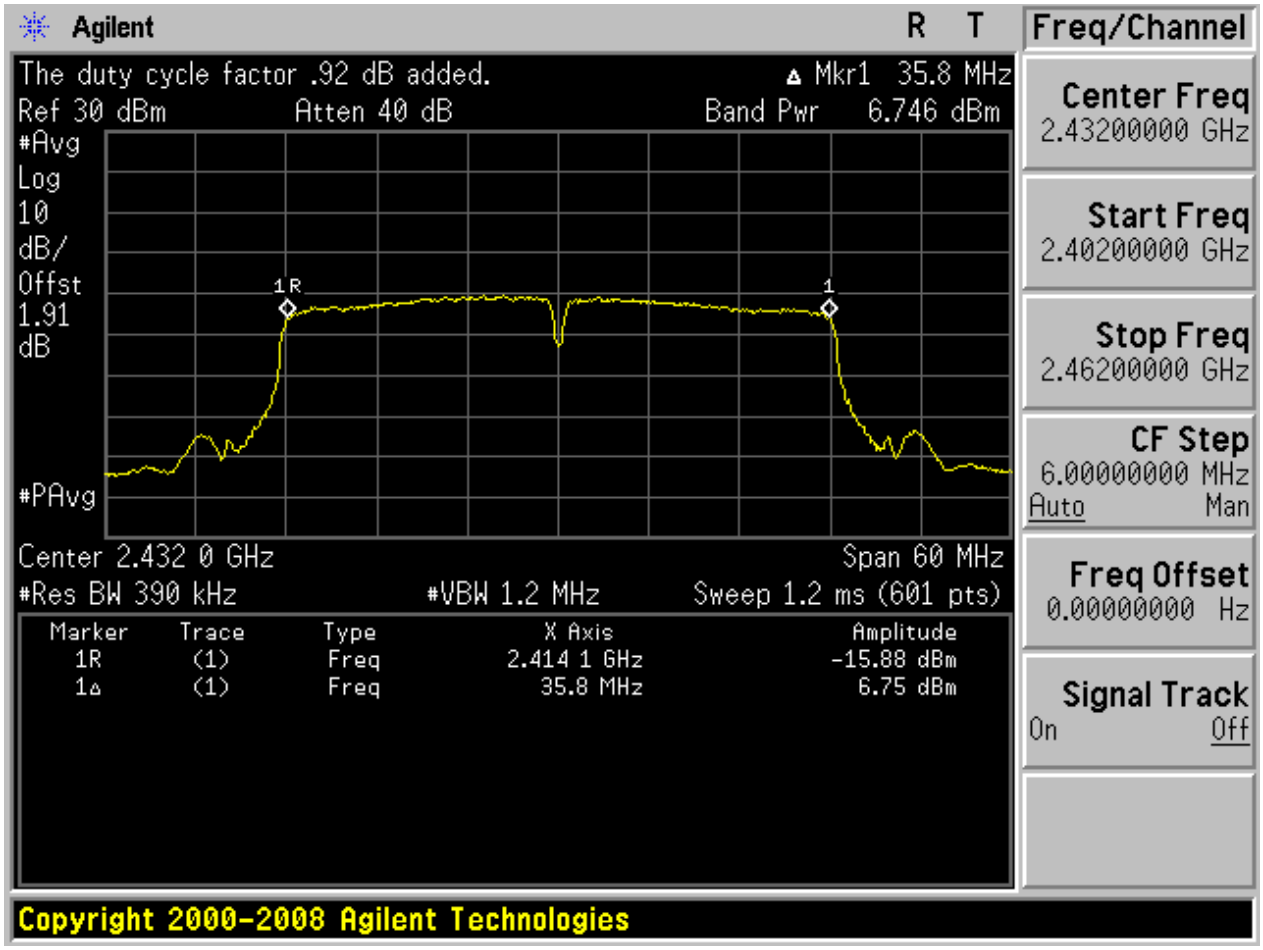
Copyright © Huawei Technologies Co., Ltd.

2.11 11N40_M@Ant 1



Copyright © Huawei Technologies Co., Ltd.

2.12 11N40_H@Ant 1



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Appendix E: Maximum Power Spectral Density Level

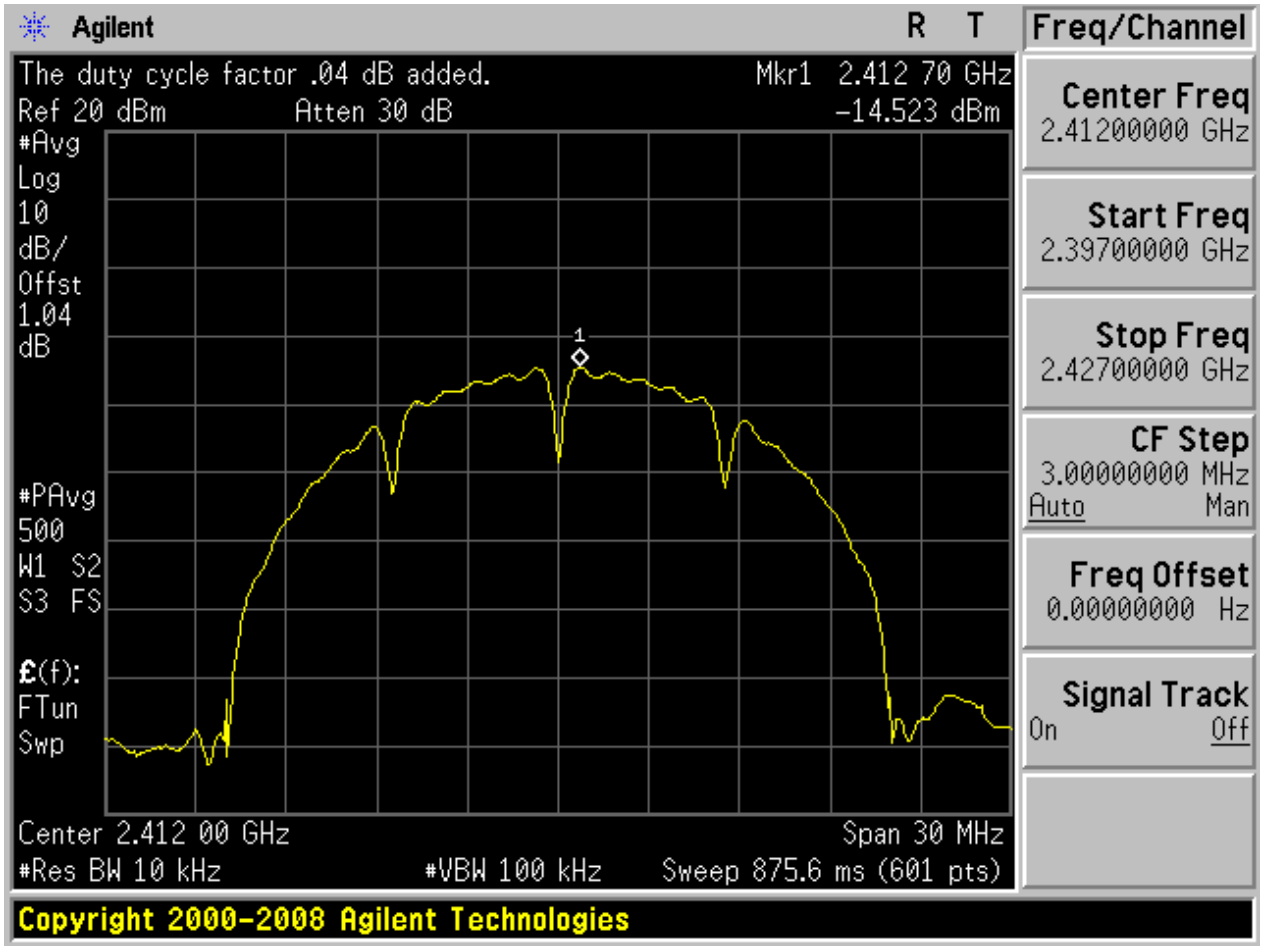
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	PD[MHz]	Verdict
11B	L	2412	Ant 1	-14.52	pass
11B	M	2427	Ant 1	-13.66	pass
11B	H	2442	Ant 1	-15.85	pass
11G	L	2412	Ant 1	-21.33	pass
11G	M	2427	Ant 1	-20.45	pass
11G	H	2442	Ant 1	-20.93	pass
11N20	L	2412	Ant 1	-22.75	pass
11N20	M	2427	Ant 1	-21.45	pass
11N20	H	2442	Ant 1	-22.26	pass
11N40	L	2422	Ant 1	-24.38	pass
11N40	M	2427	Ant 1	-24.99	pass
11N40	H	2432	Ant 1	-25.20	pass

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

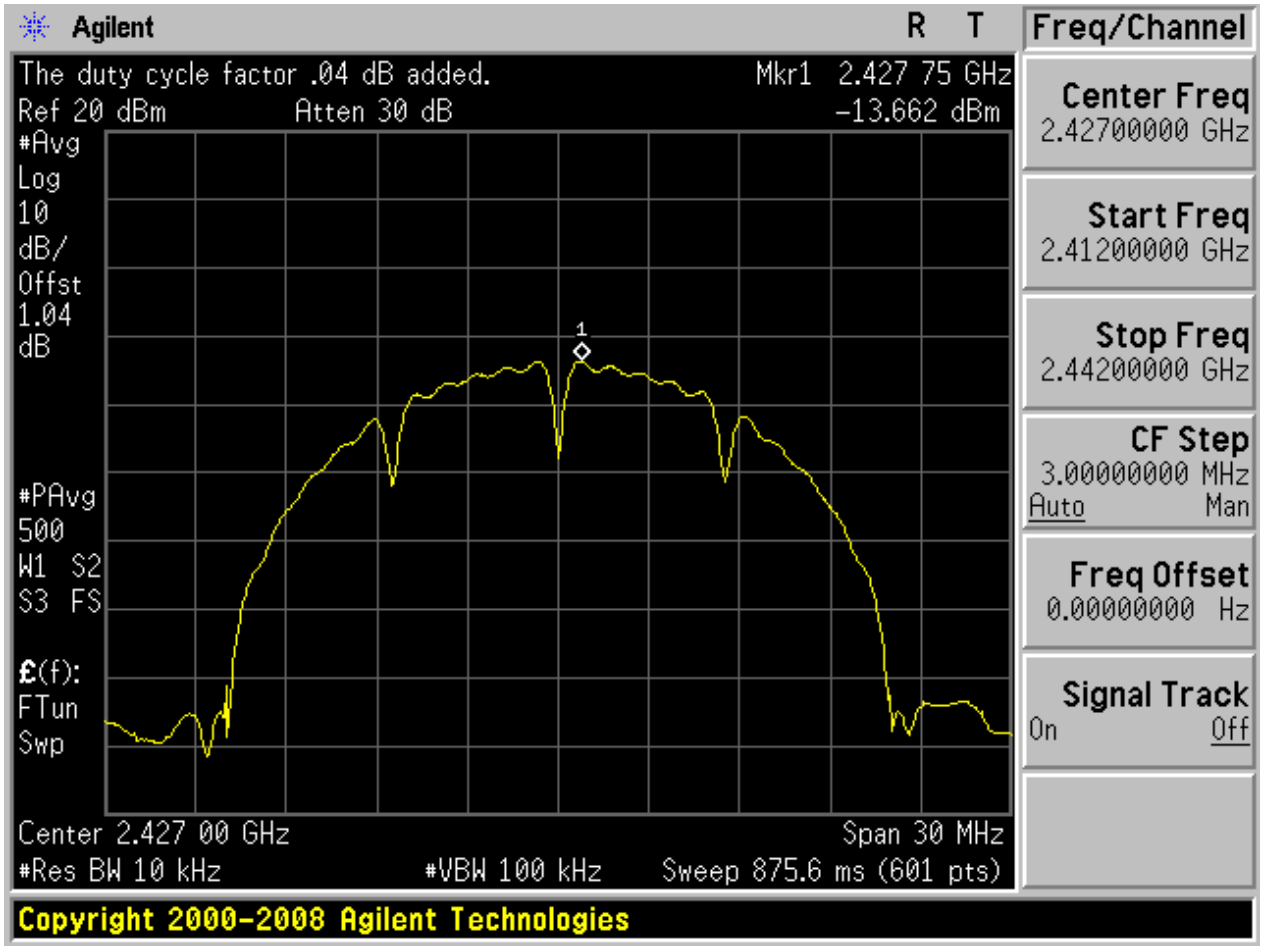
Part II - Test Plots

2.1 11B_L@Ant 1



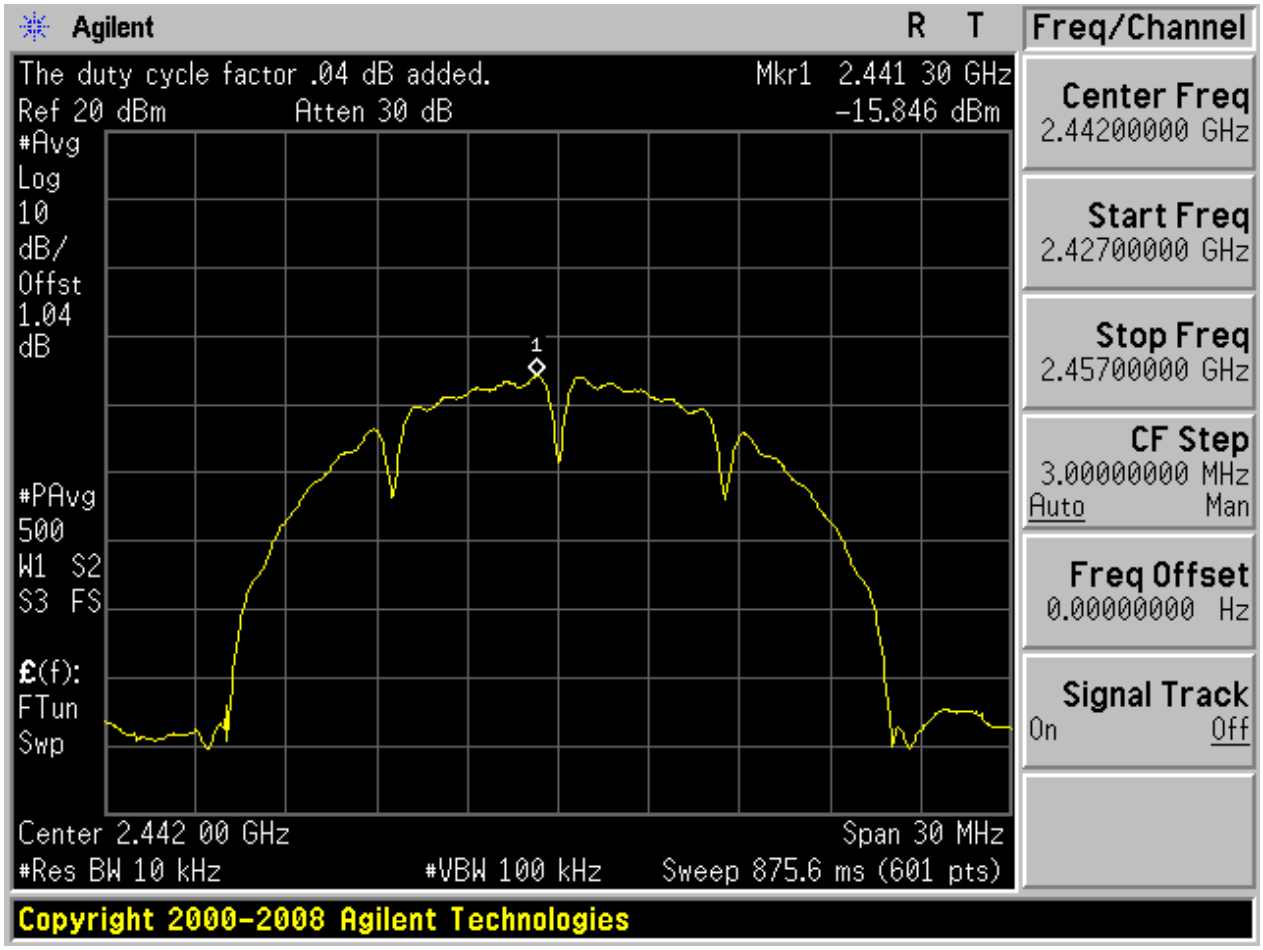
Copyright © Huawei Technologies Co., Ltd.

2.2 11B_M@Ant 1



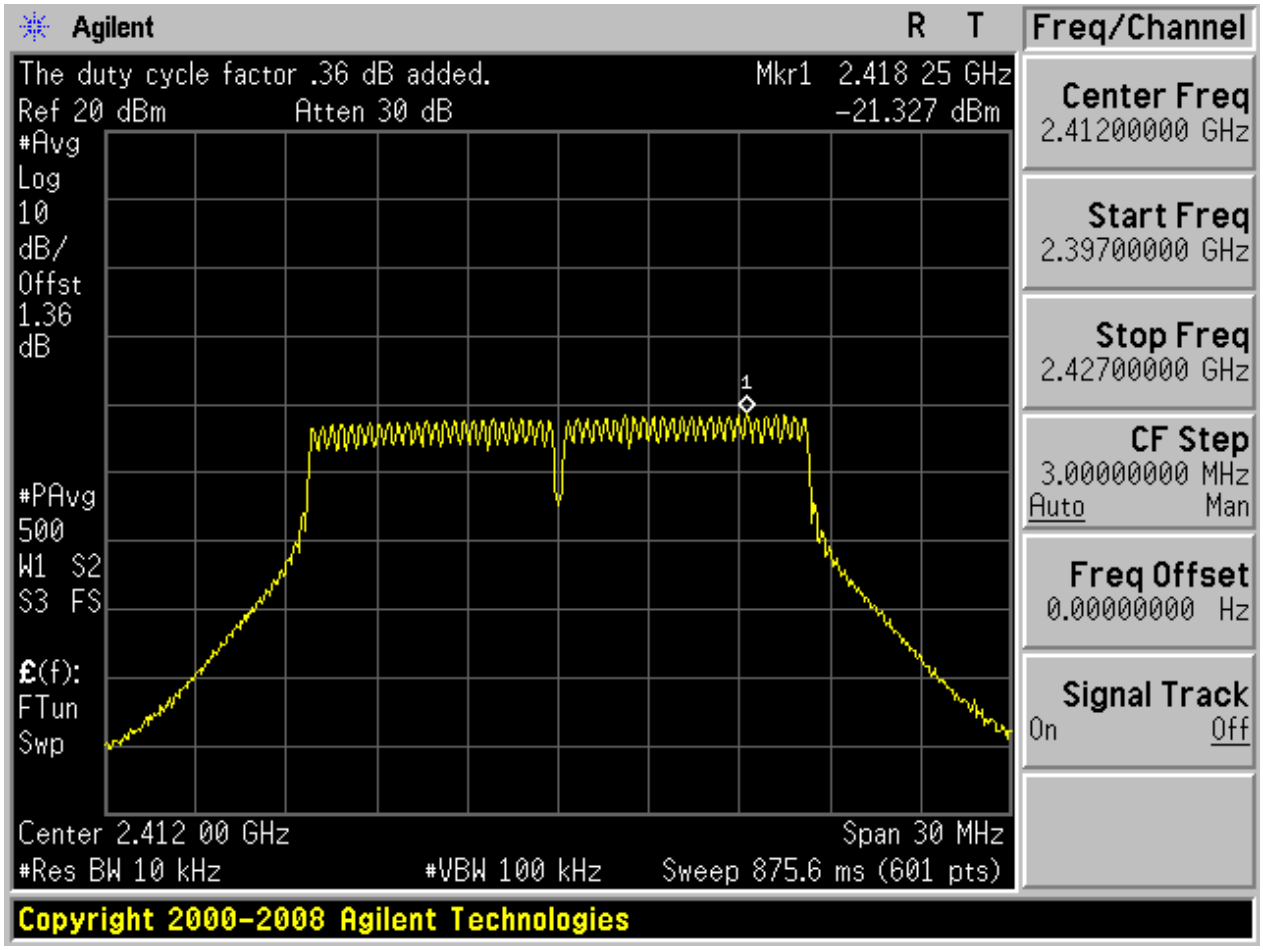
Copyright © Huawei Technologies Co., Ltd.

2.3 11B_H@Ant 1



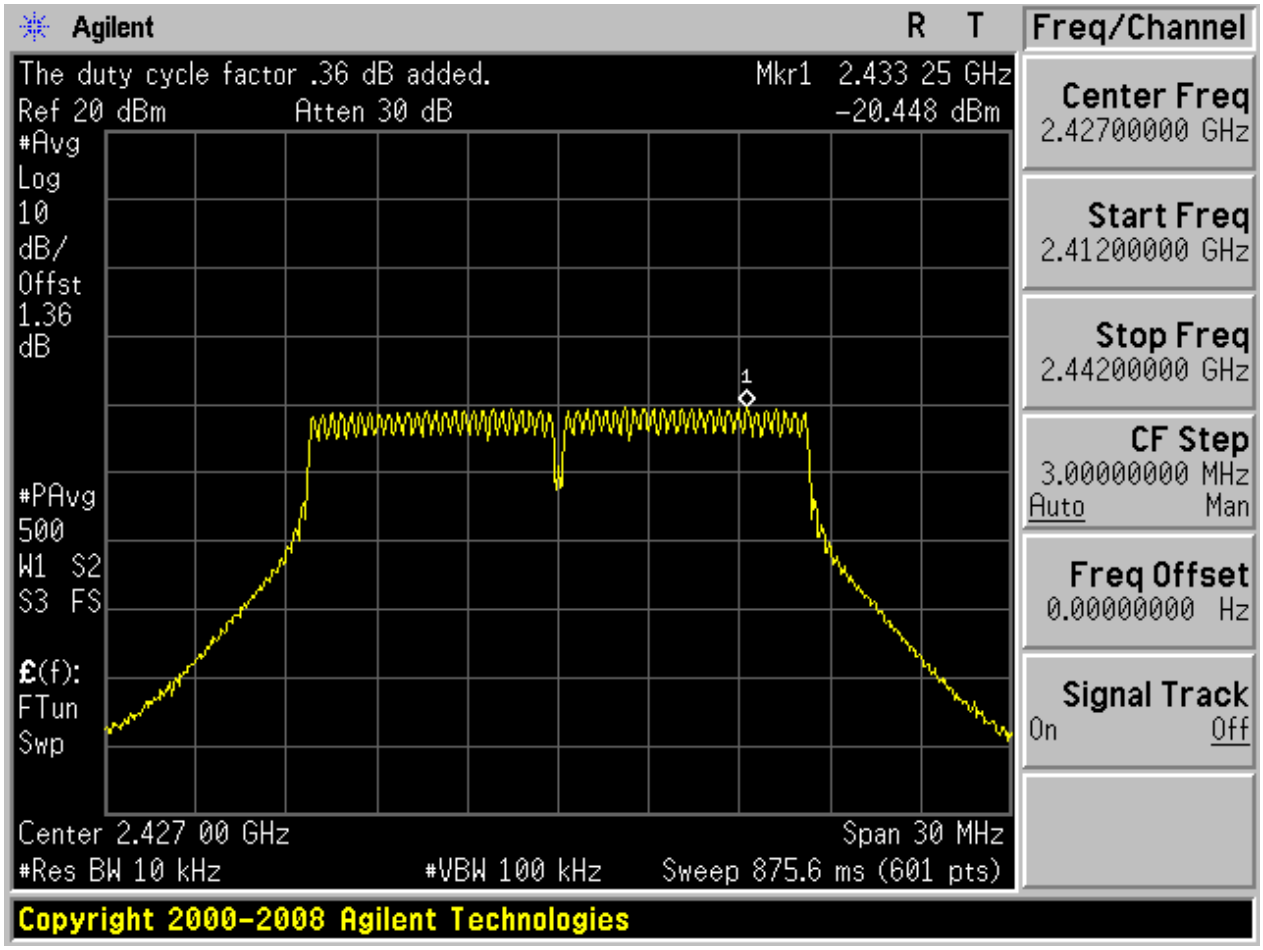
Copyright © Huawei Technologies Co., Ltd.

2.4 11G_L@Ant 1



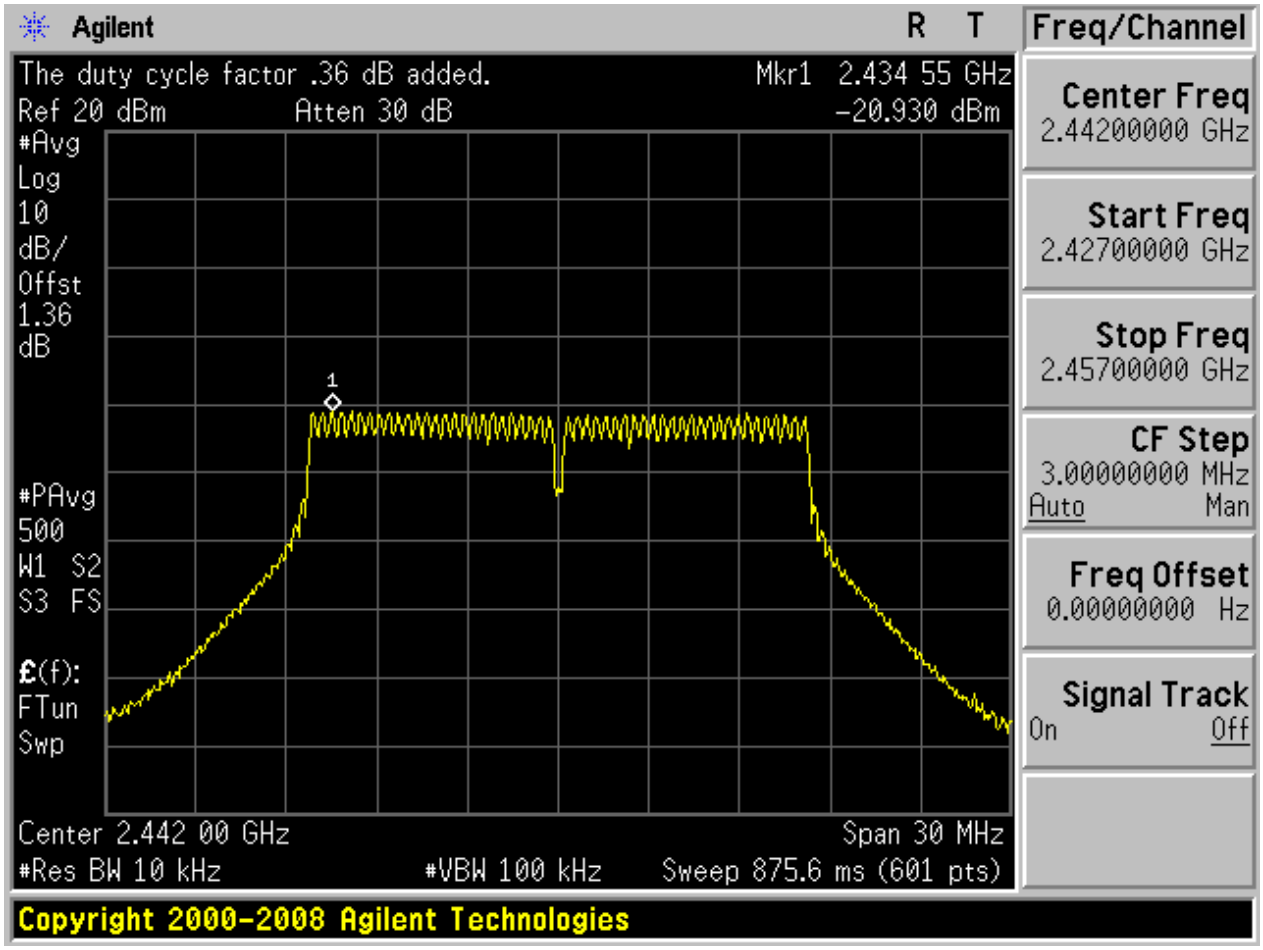
Copyright © Huawei Technologies Co., Ltd.

2.5 11G_M@Ant 1



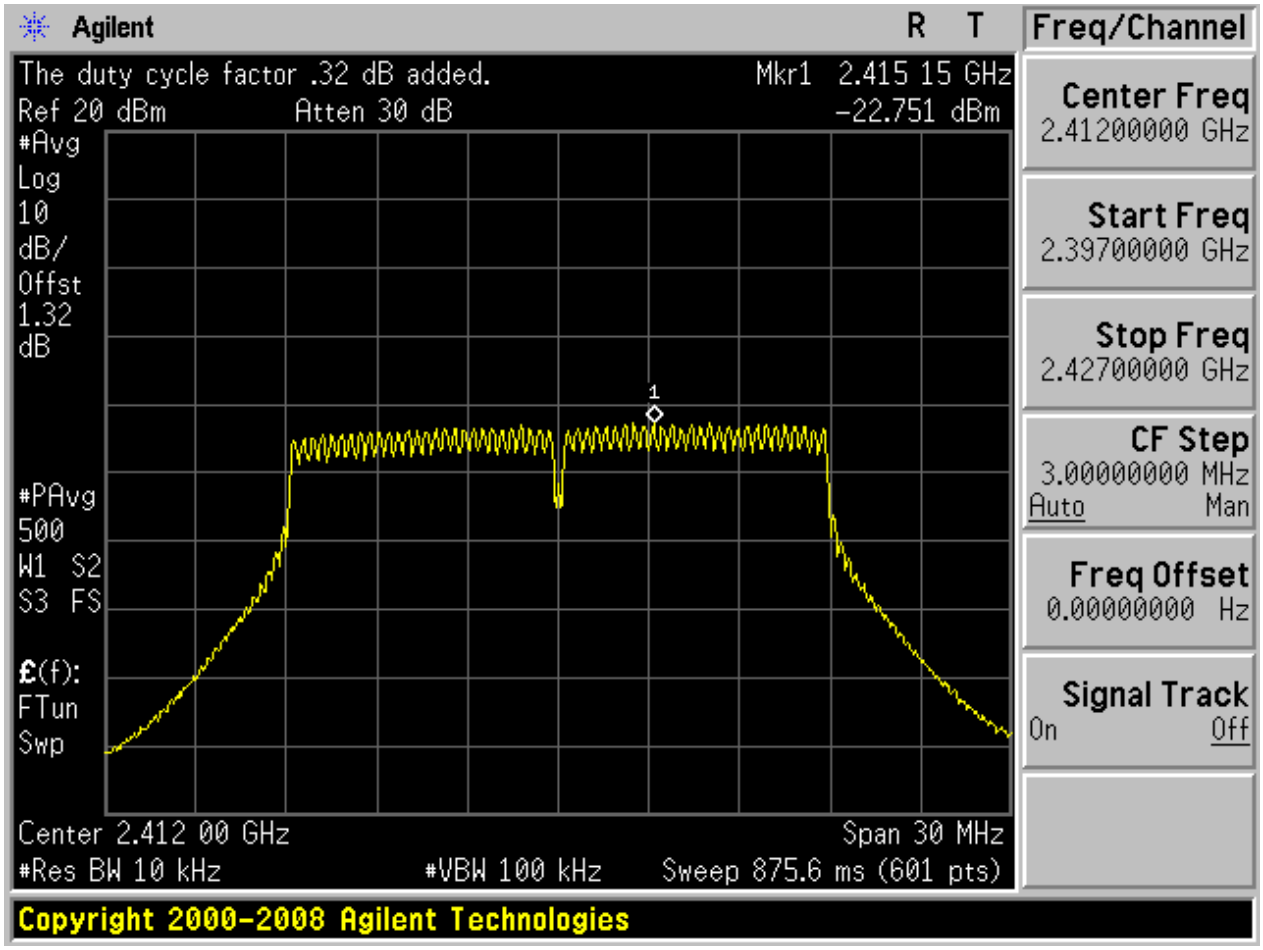
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.6 11G_H@Ant 1



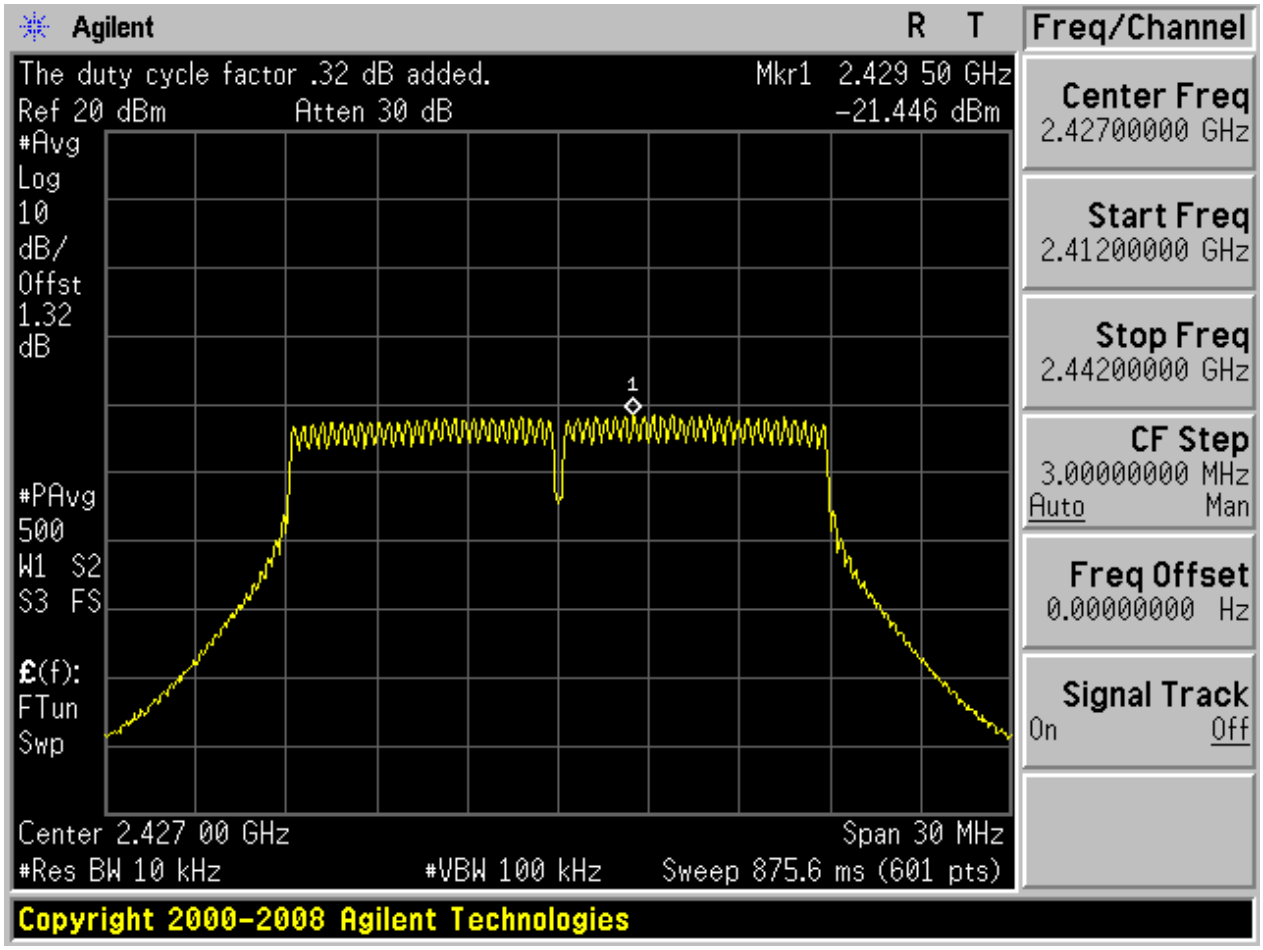
Copyright © Huawei Technologies Co., Ltd.

2.7 11N20_L@Ant 1



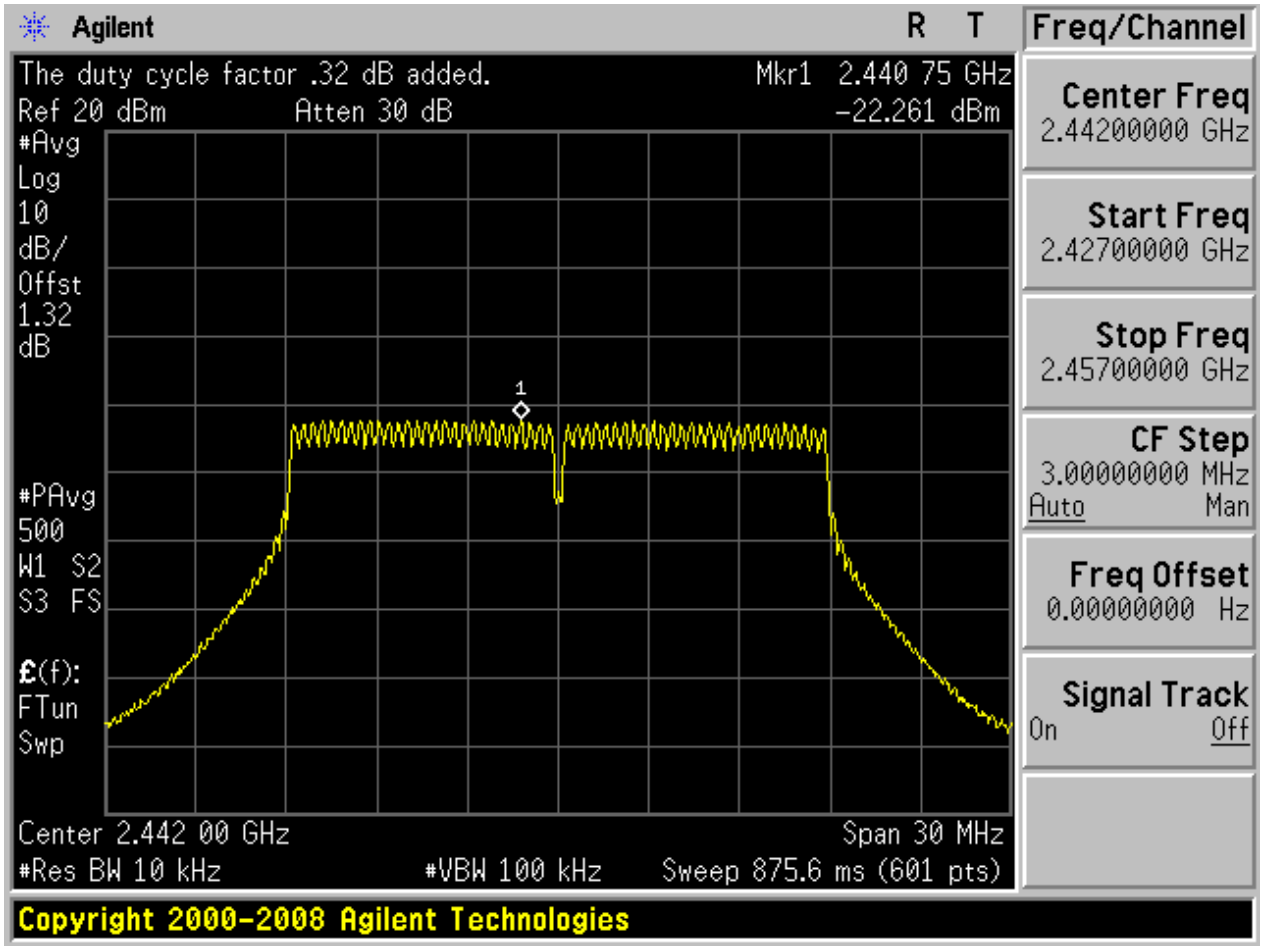
Copyright © Huawei Technologies Co., Ltd.

2.8 11N20_M@Ant 1



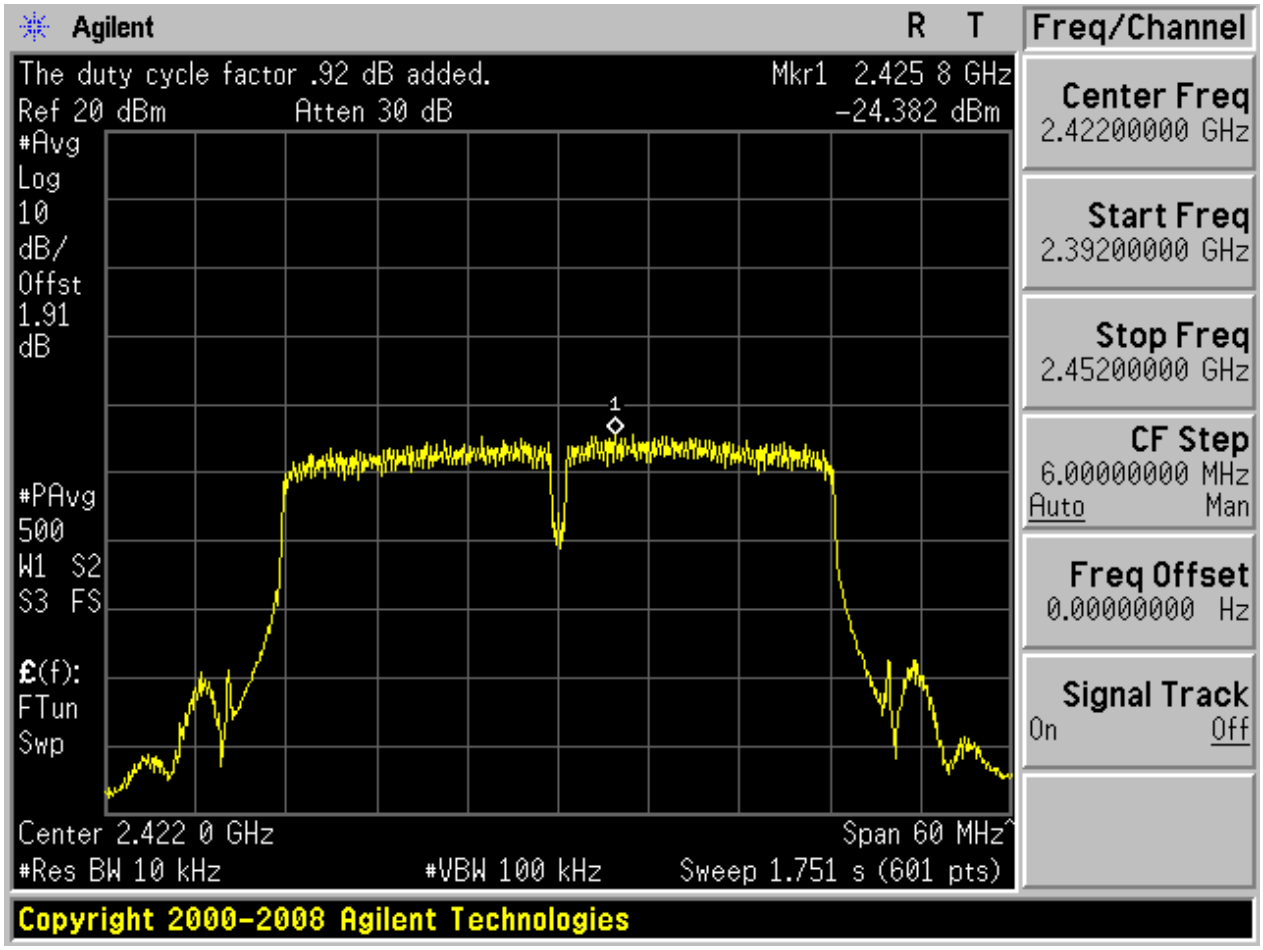
Copyright © Huawei Technologies Co., Ltd.

2.9 11N20_H@Ant 1



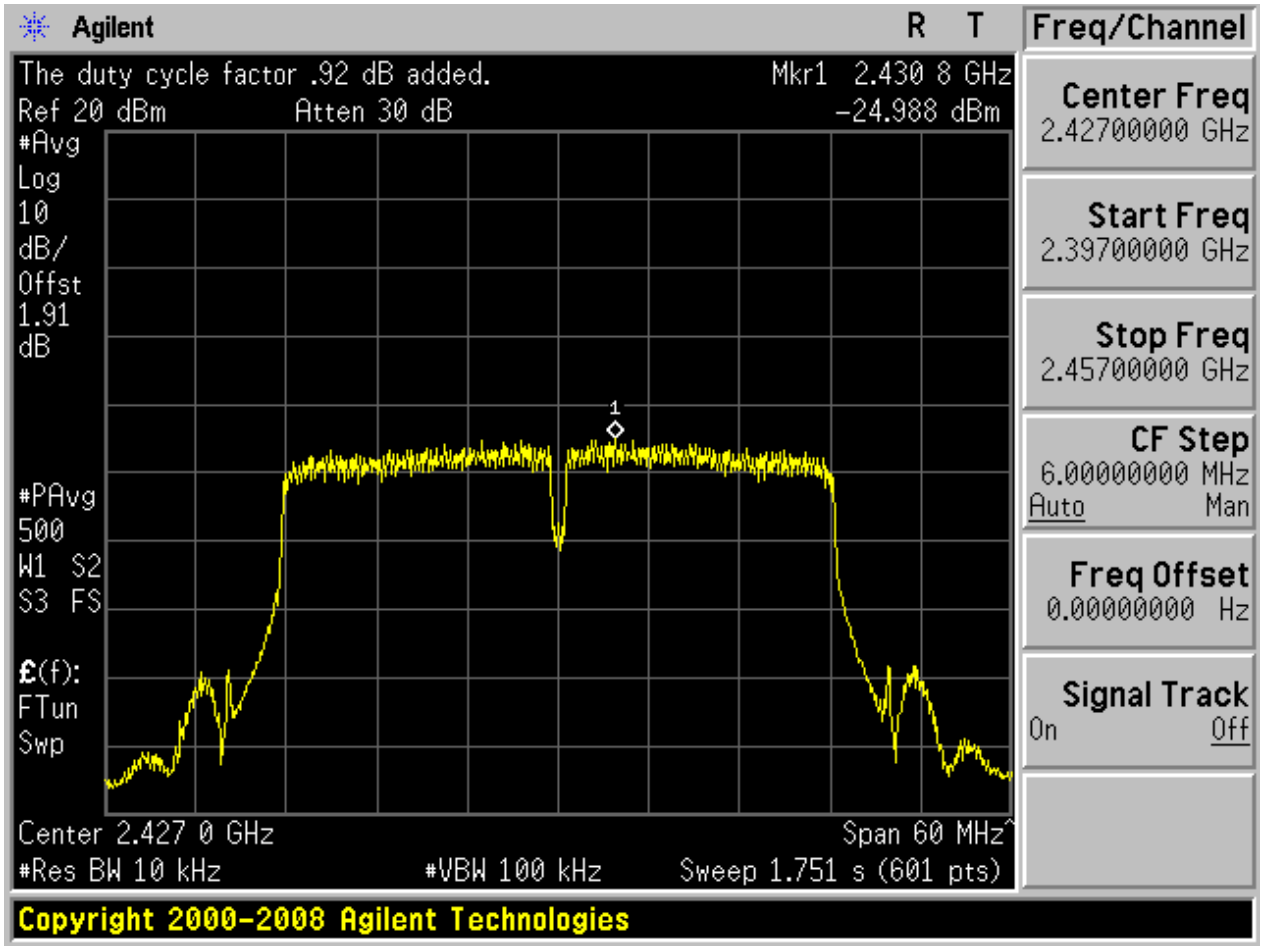
Copyright © Huawei Technologies Co., Ltd.

2.10 11N40_L@Ant 1



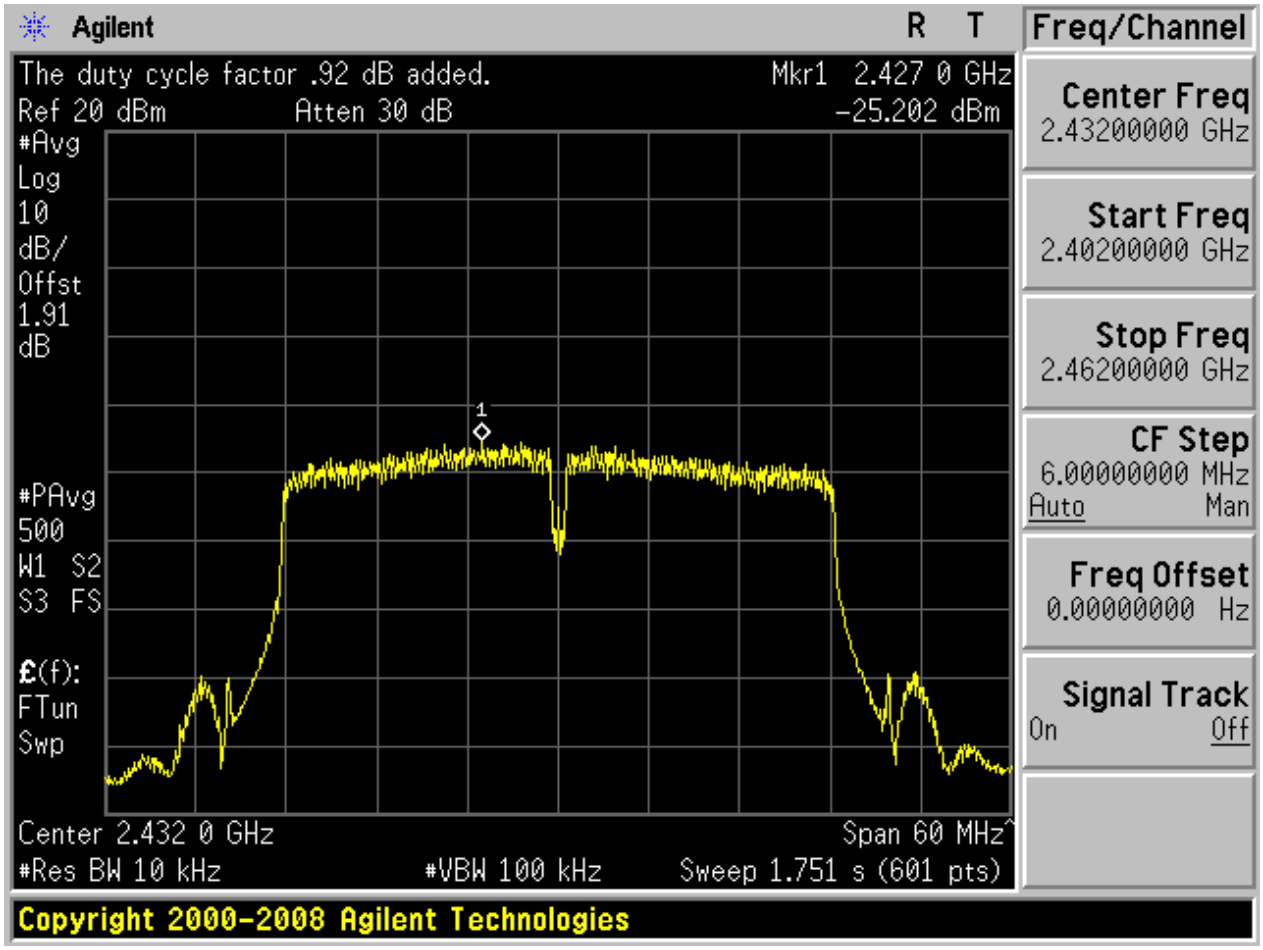
Copyright © Huawei Technologies Co., Ltd.

2.11 11N40_M@Ant 1



Copyright © Huawei Technologies Co., Ltd.

2.12 11N40_H@Ant 1



Copyright © Huawei Technologies Co., Ltd.

Appendix F: Band Edges Compliance

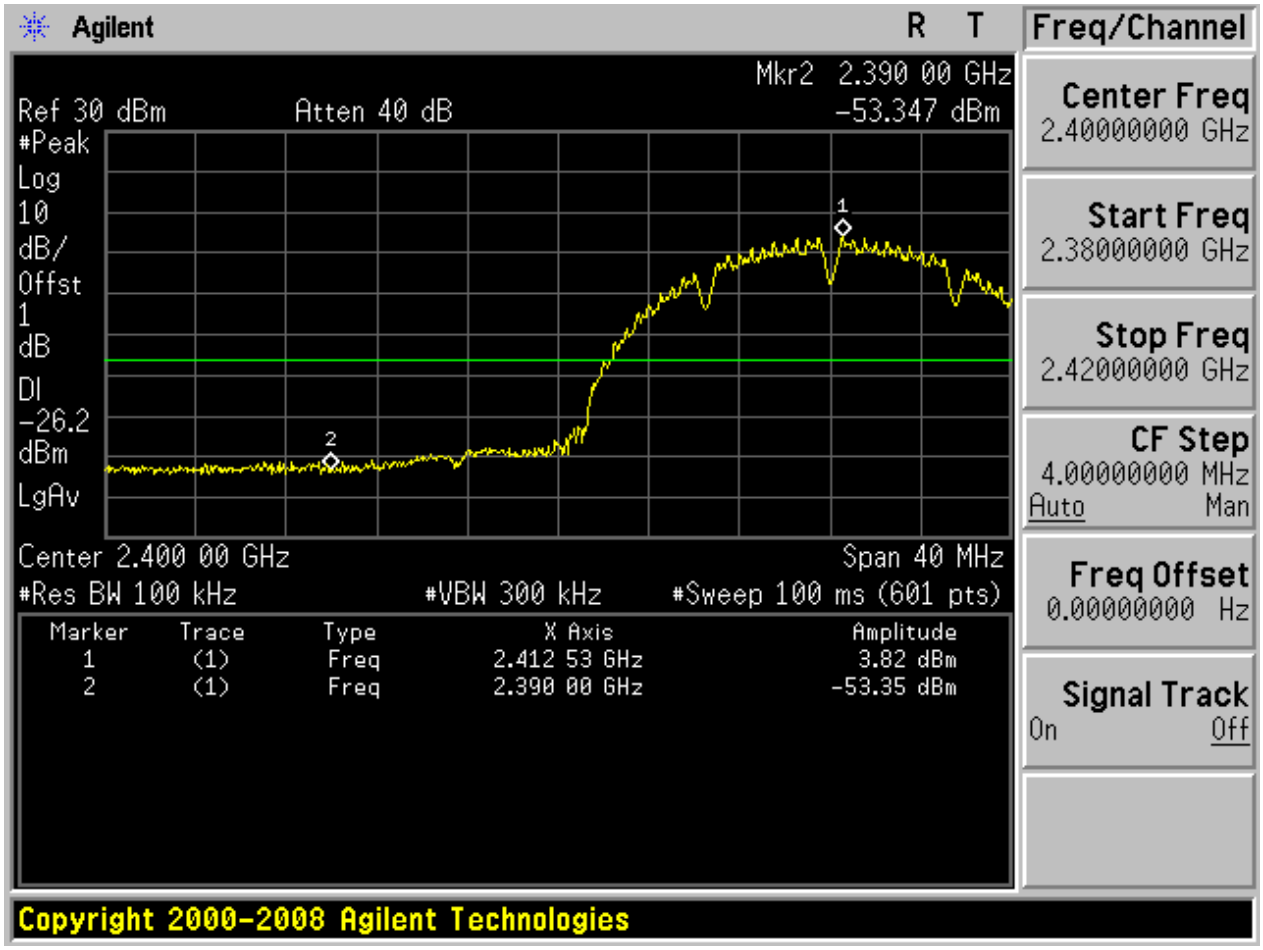
Part I - Test Results

Test Mode	Test Channel	Frequency[MHz]	Ant	Carrier Power[dBm]	Max.Spurious Level[dBm]	Verdict
11B	L	2412	Ant 1	3.77	-53.58	pass
11B	H	2442	Ant 1	2.56	-50.92	pass
11G	L	2412	Ant 1	-2.60	-51.99	pass
11G	H	2442	Ant 1	-2.04	-50.94	pass
11N20	L	2412	Ant 1	-3.13	-51.42	pass
11N20	H	2442	Ant 1	-3.16	-51.59	pass
11N40	L	2422	Ant 1	-5.50	-52.32	pass
11N40	H	2432	Ant 1	-9.52	-51.90	pass

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

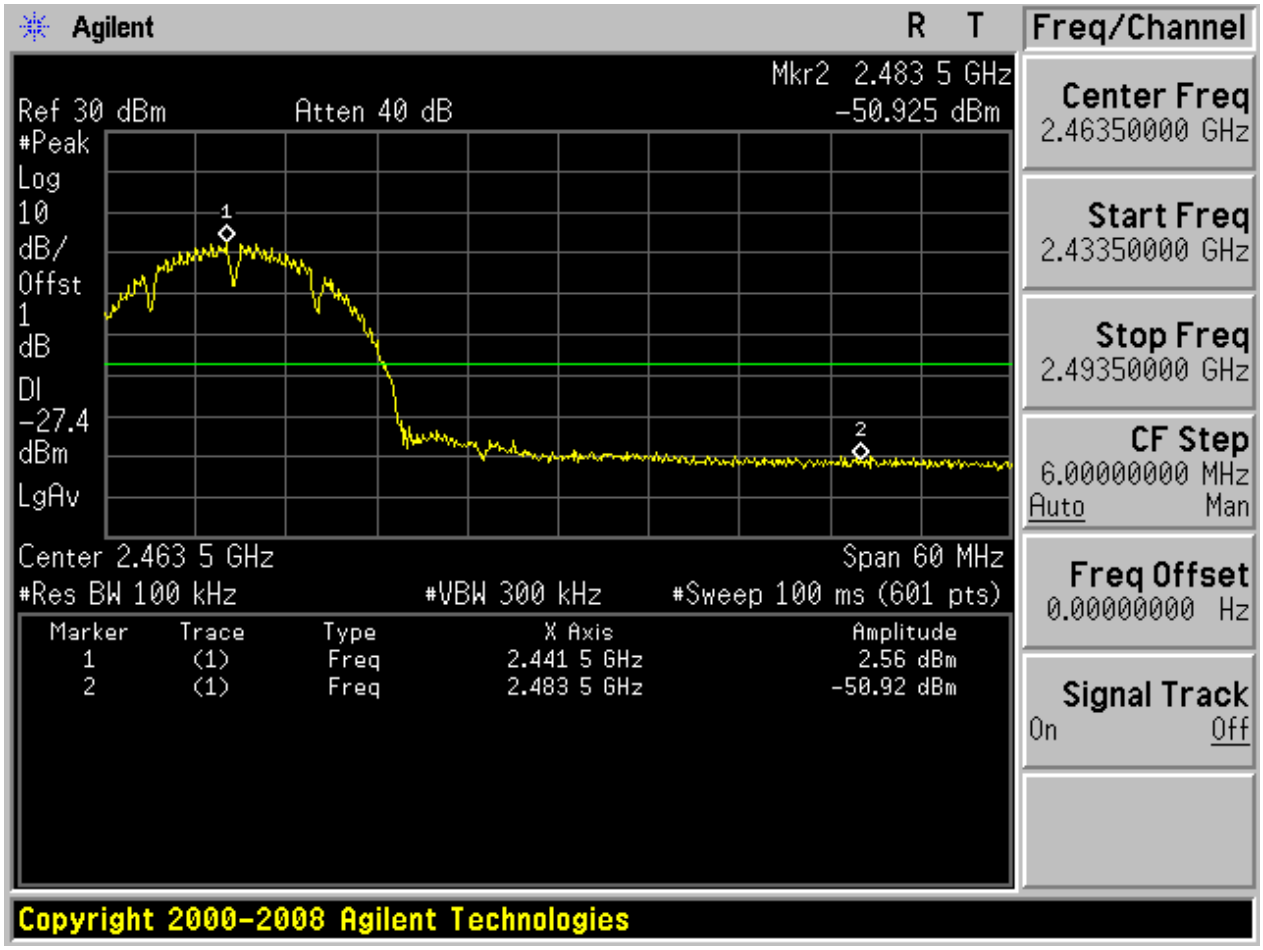
Part II - Test Plots

2.1 11B_L@Ant 1



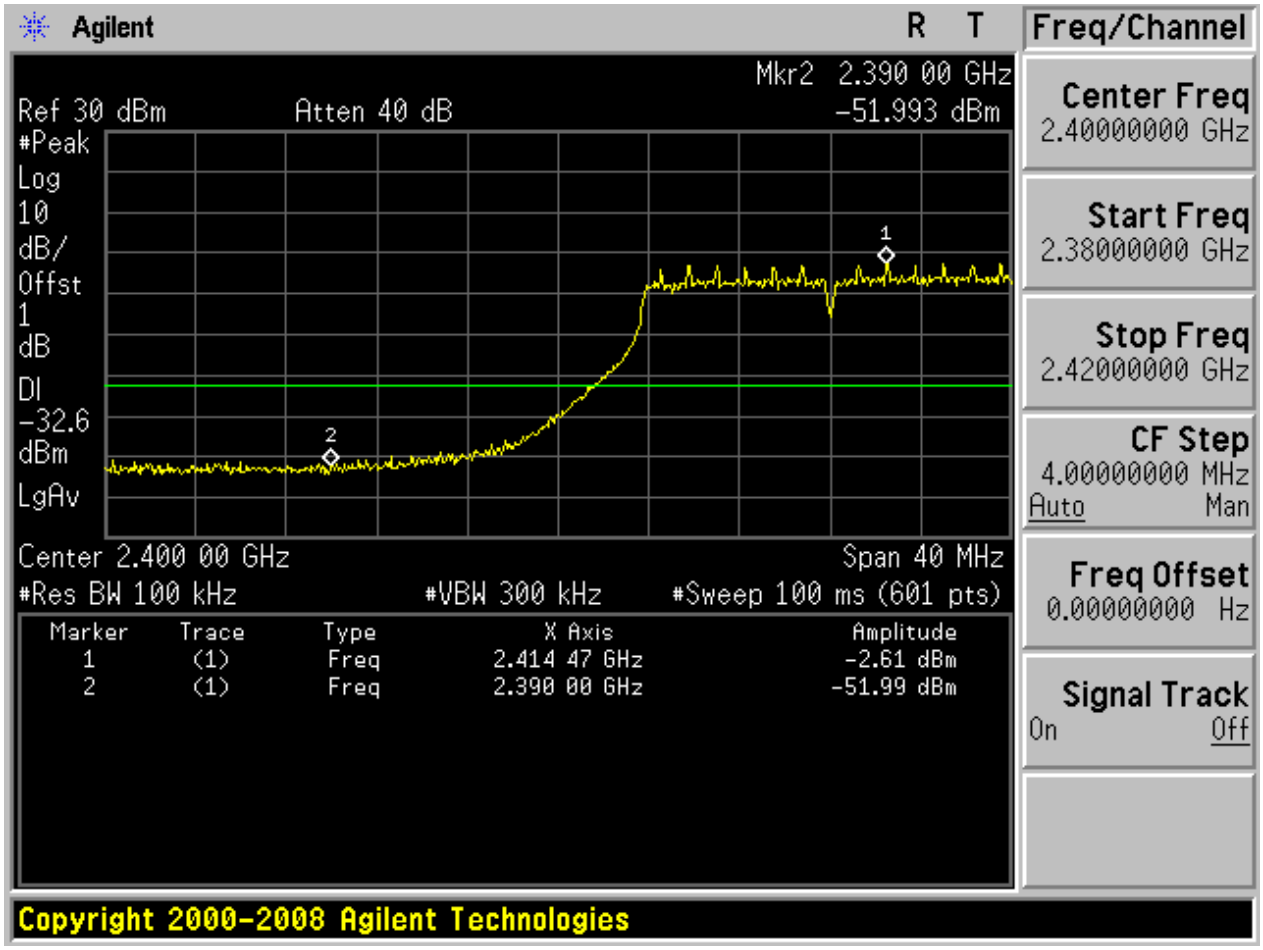
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.2 11B_H@Ant 1



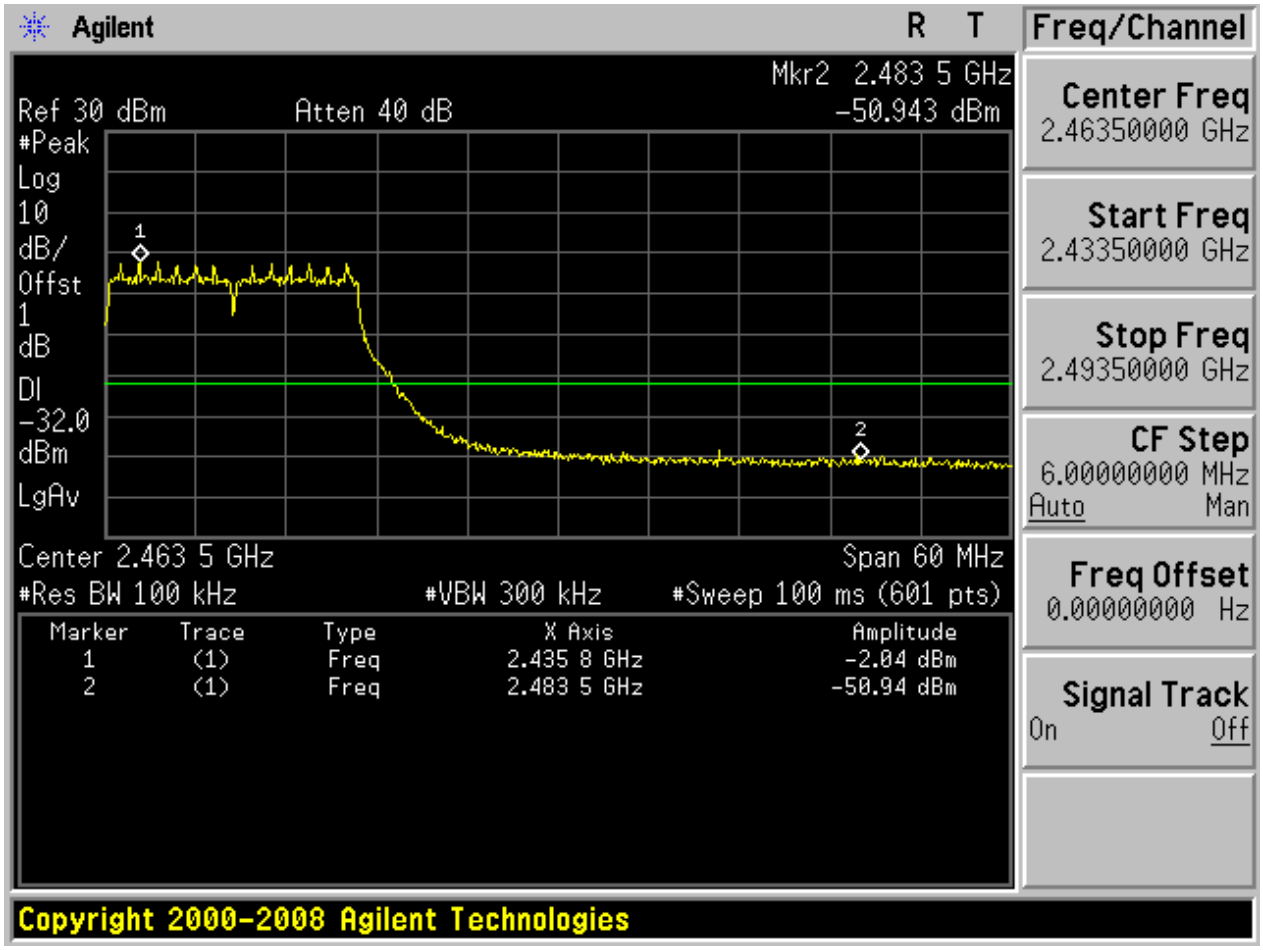
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.3 11G_L@Ant 1



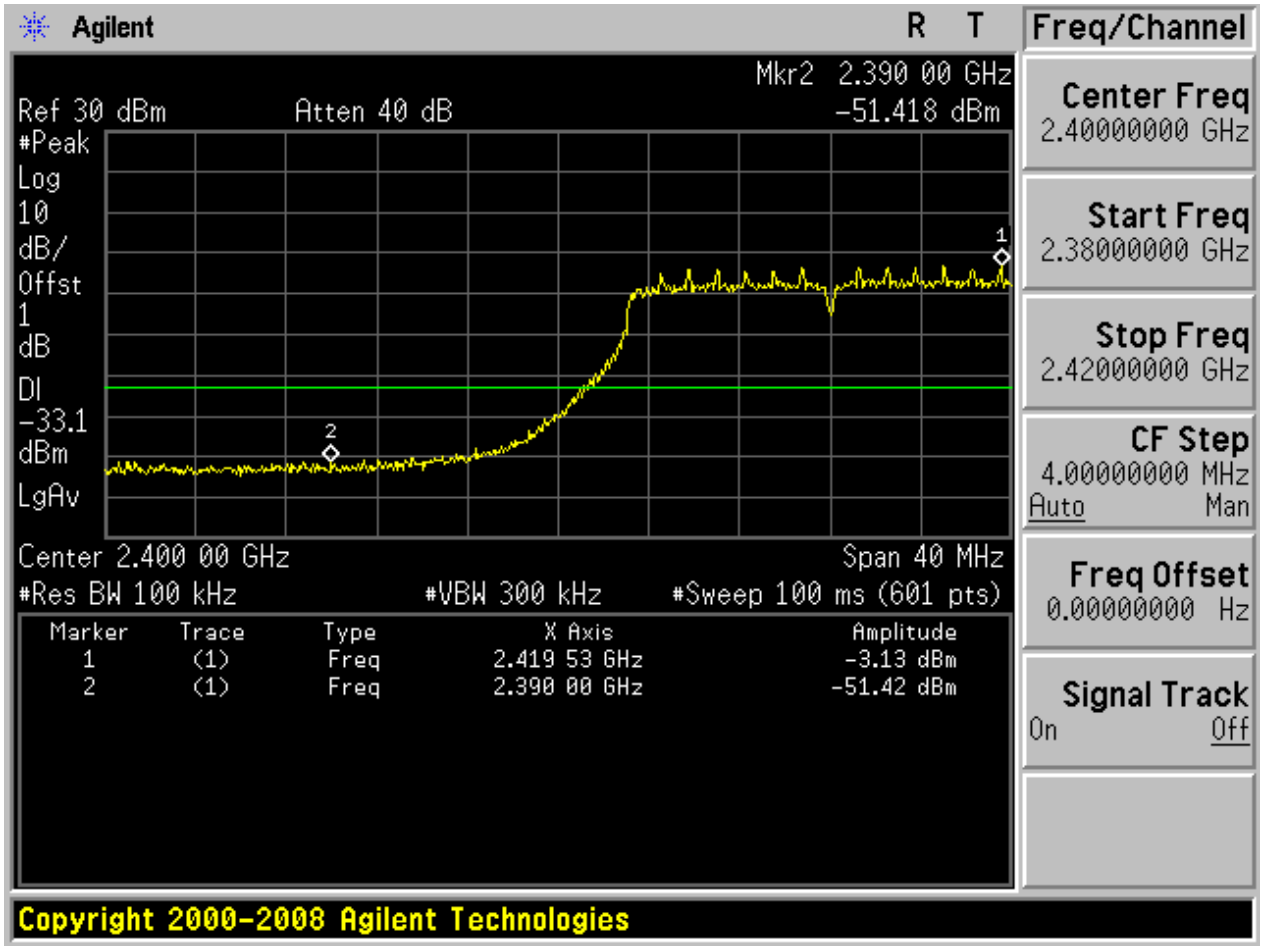
Copyright © Huawei Technologies Co., Ltd.

2.4 11G_H@Ant 1



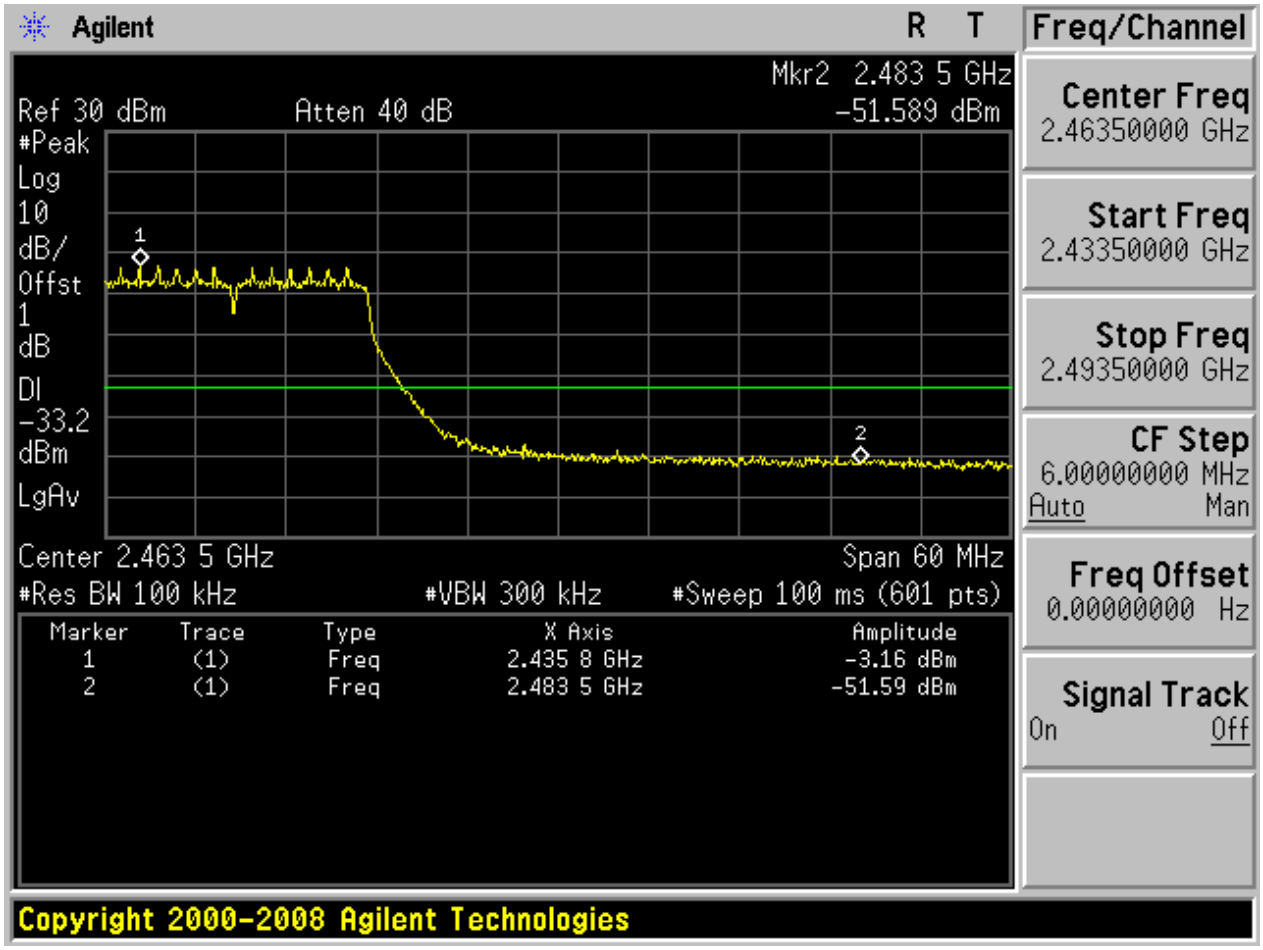
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.5 11N20_L@Ant 1



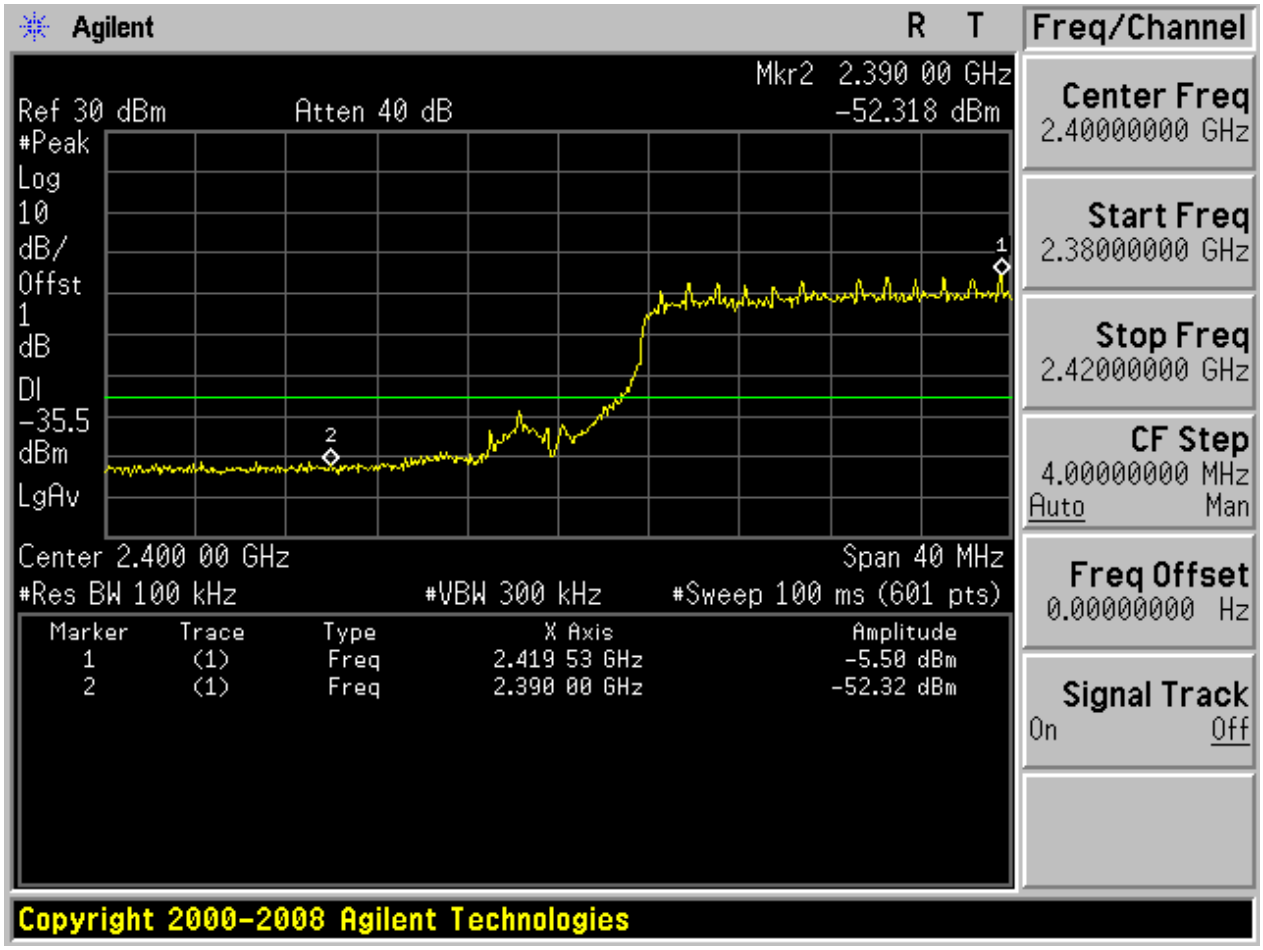
Copyright © Huawei Technologies Co., Ltd.

2.6 11N20_H@Ant 1



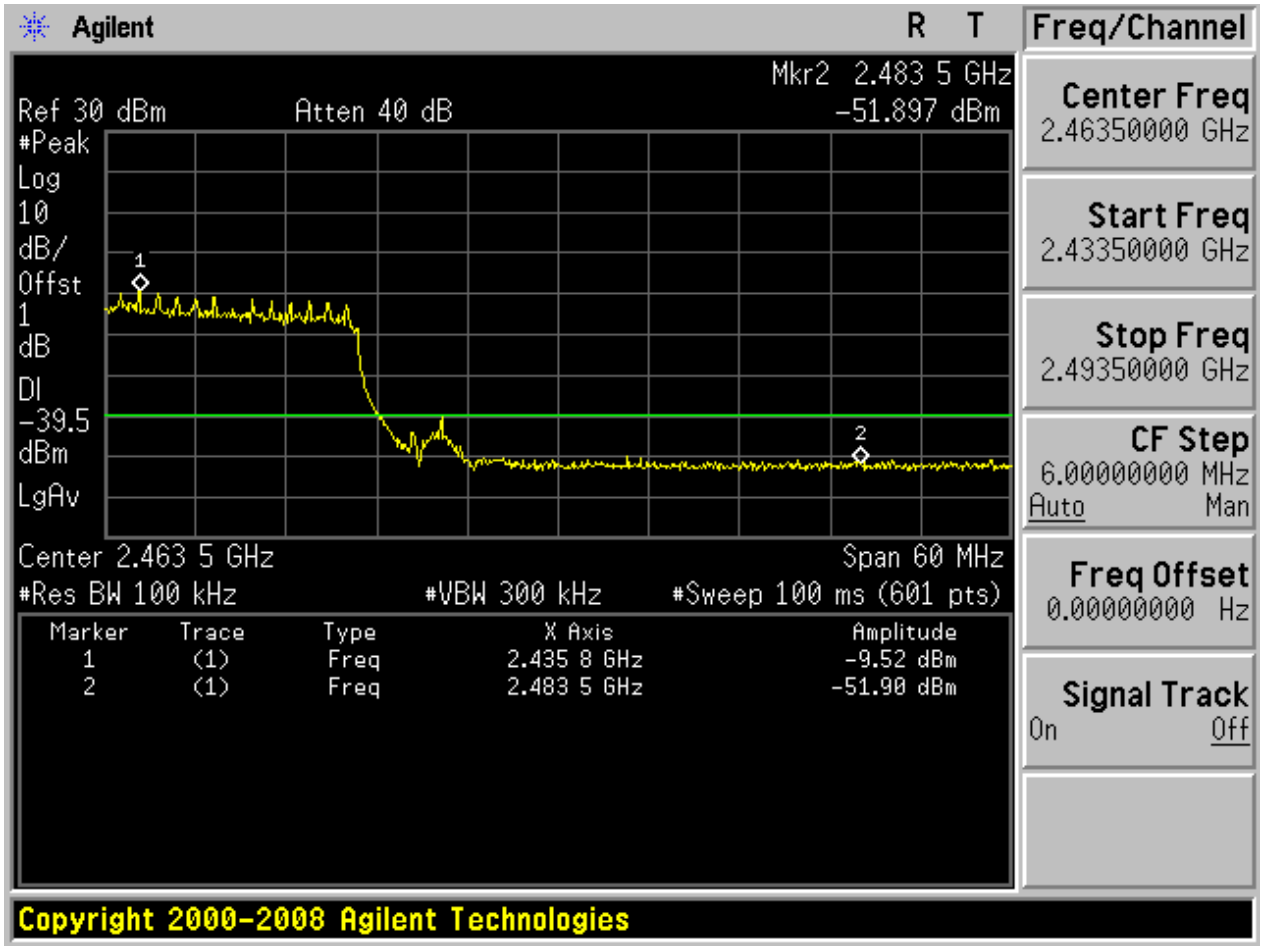
Copyright © Huawei Technologies Co., Ltd.

2.7 11N40_L@Ant 1



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

2.8 11N40_H@Ant 1



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Appendix G: 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" referrers 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 x lg(100 [kHz]/narrower RBW [kHz]). As to this Appendix, the narrower RBW is 1 kHz and RBWCF is 20 dB for the frequency 9 kHz to 150 kHz, and the narrower RBW is 10 kHz and RBWCF is 10 dB for the frequency 150 kHz to 30 MHz.

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

In the result table, the "< Limit" denotes that "The Puw [dBm] is less than Pref[dBm]-30[dBm],see test plots for detailed".

Part I - Test Results

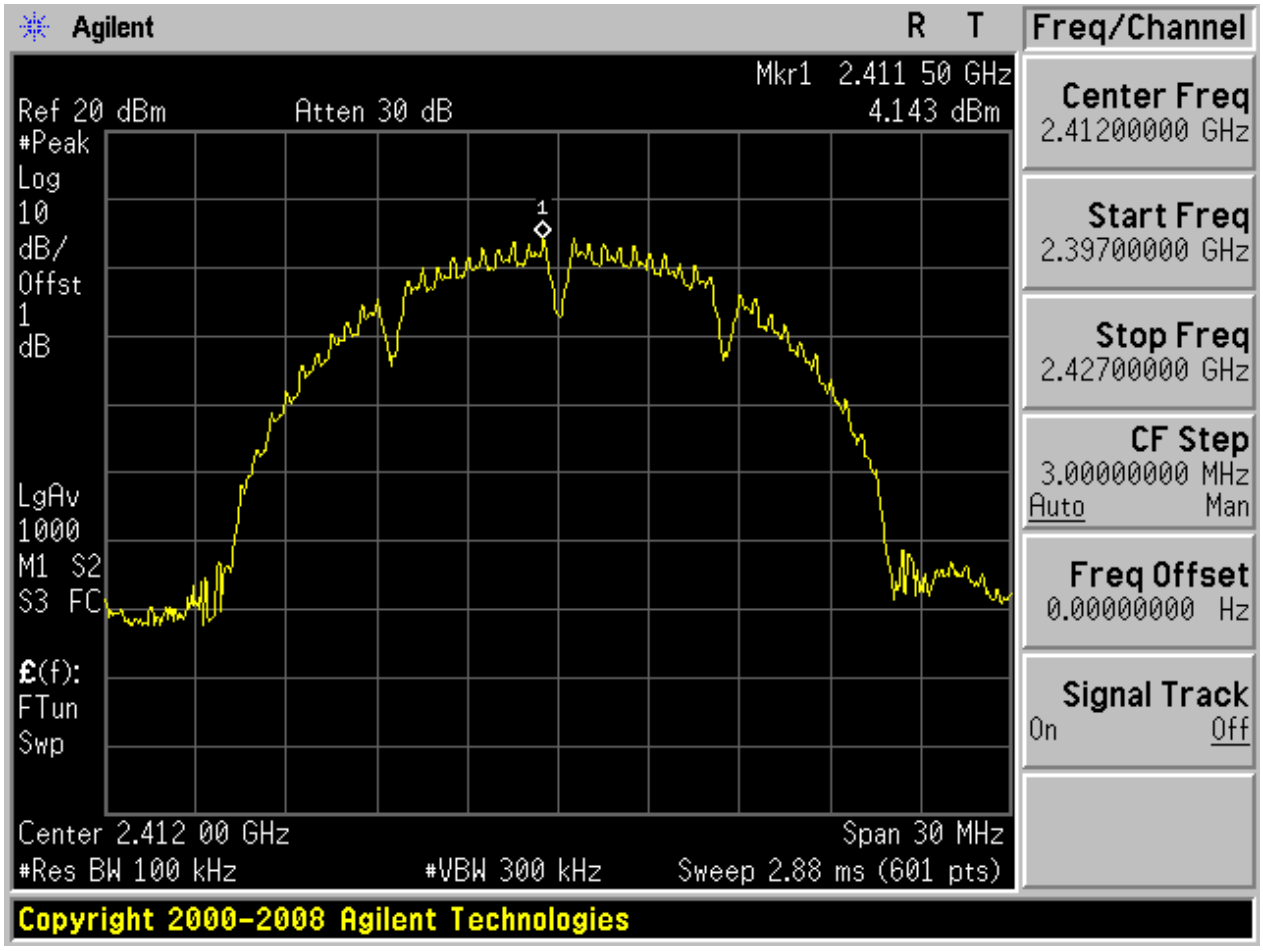
Test Mode	Test Channel	Frequency[MHz]	Ant	Pref[dBm]	Puw[dBm]	Verdict
11B	L	2412	Ant 1	4.14	<limit	pass
11B	M	2427	Ant 1	5.00	<limit	pass
11B	H	2442	Ant 1	2.78	<limit	pass
11G	L	2412	Ant 1	-2.24	<limit	pass
11G	M	2427	Ant 1	-1.56	<limit	pass
11G	H	2442	Ant 1	-1.96	<limit	pass
11N20	L	2412	Ant 1	-2.74	<limit	pass
11N20	M	2427	Ant 1	-2.54	<limit	pass
11N20	H	2442	Ant 1	-2.90	<limit	pass
11N40	L	2422	Ant 1	-5.01	<limit	pass
11N40	M	2427	Ant 1	-7.98	<limit	pass
11N40	H	2432	Ant 1	-6.36	<limit	pass

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Part II - Test Plots

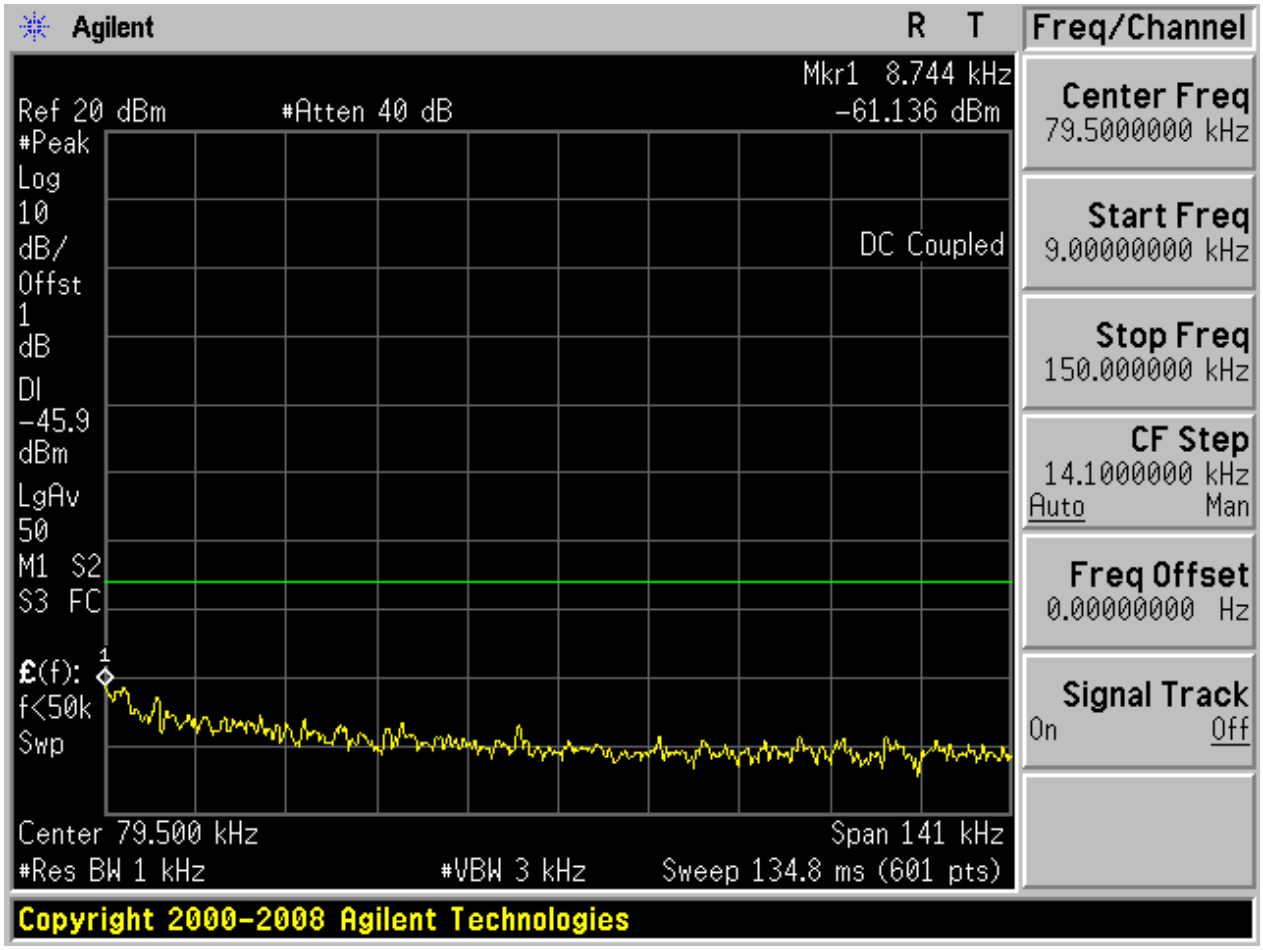
2.1 11B_L@Ant 1

Pref:

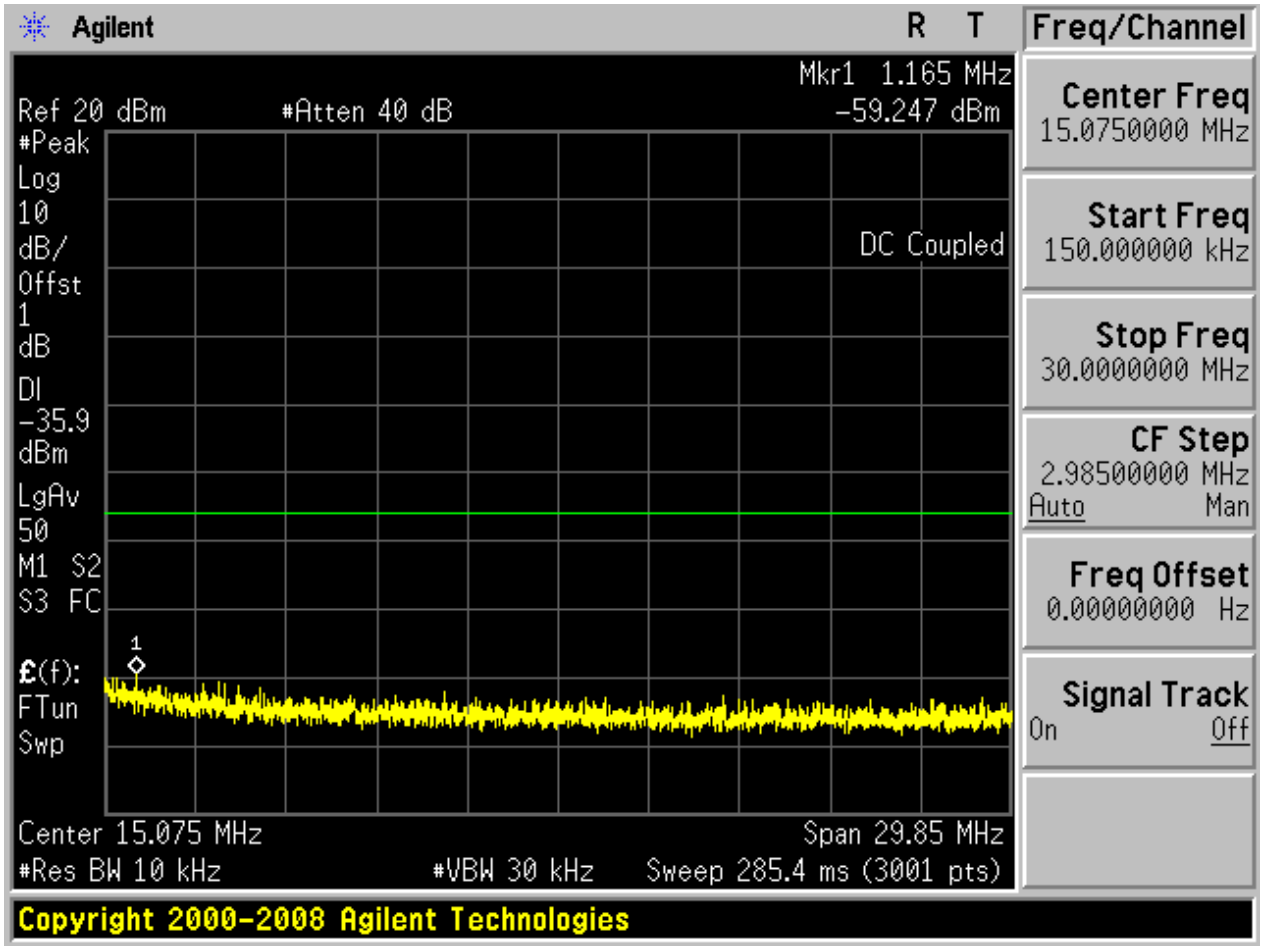


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

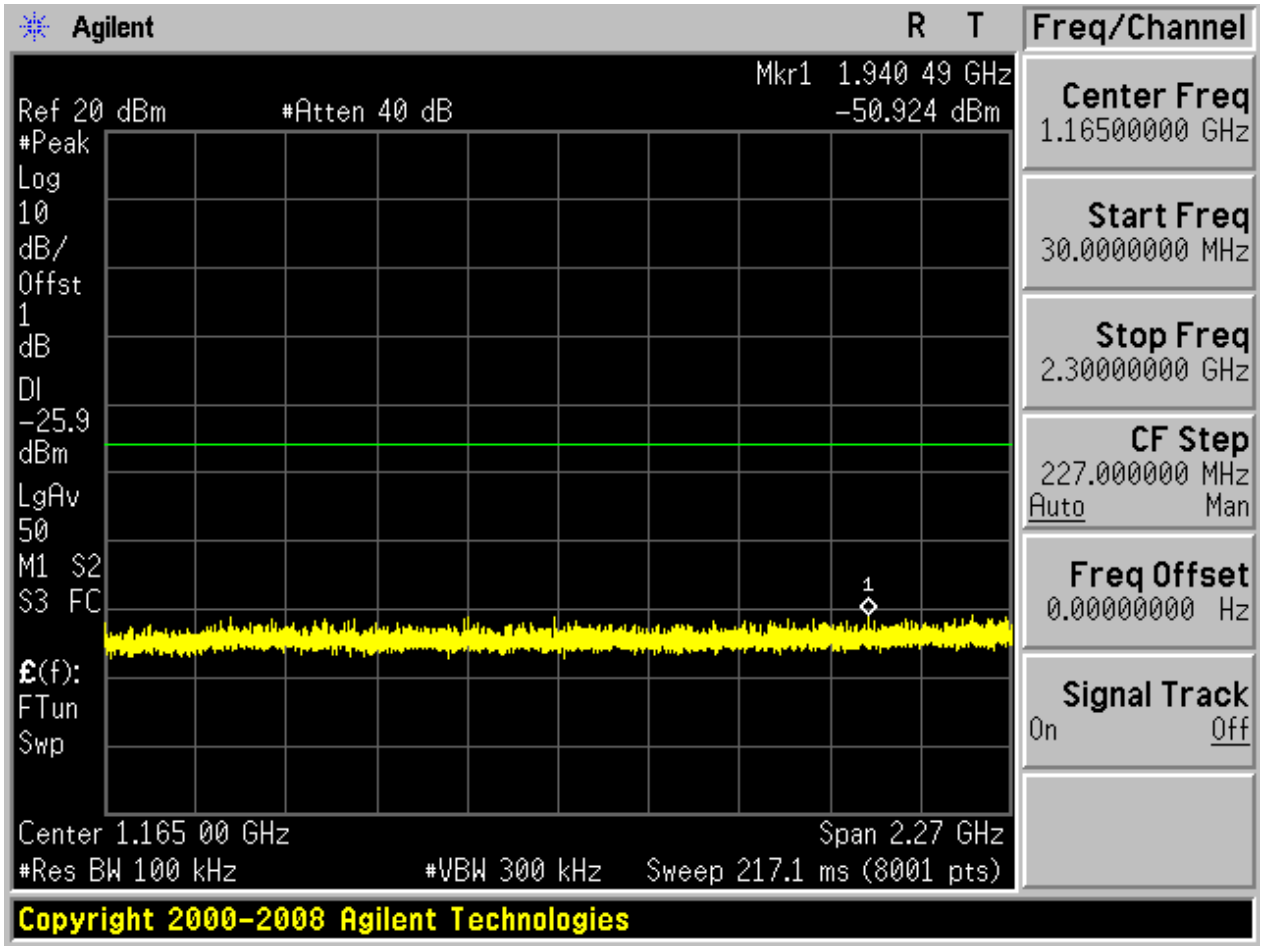
Puw:



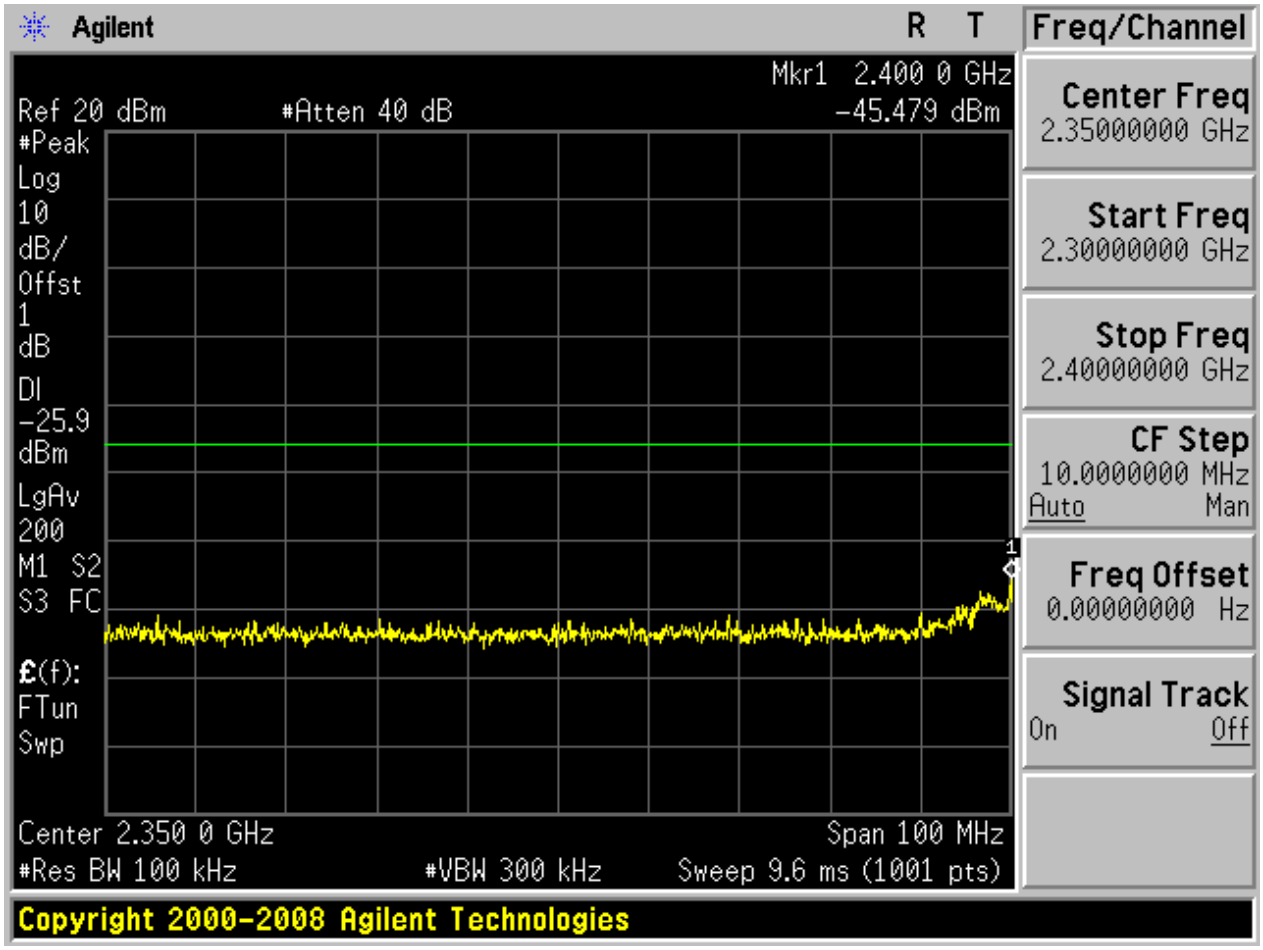
Copyright © Huawei Technologies Co., Ltd.



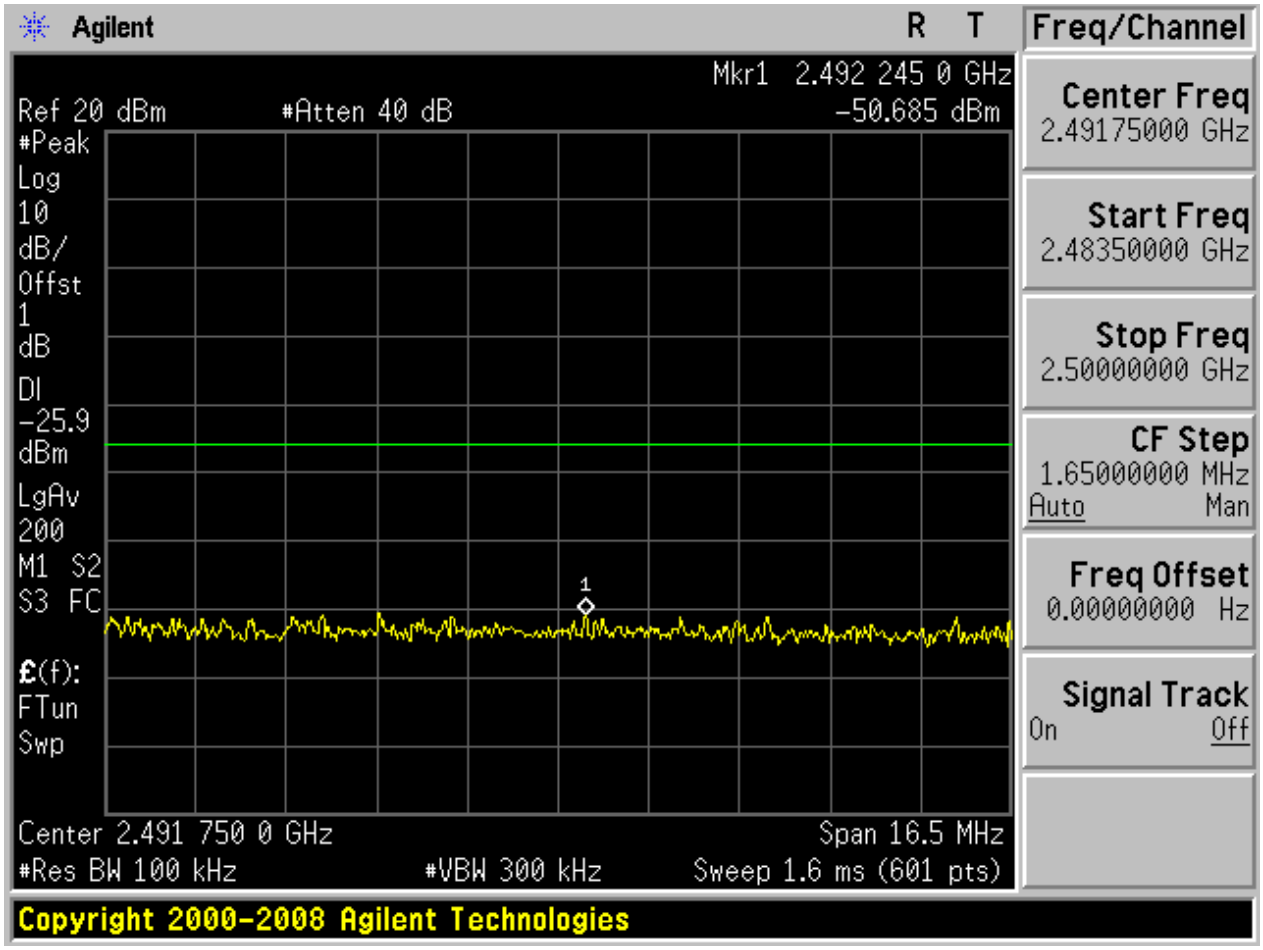
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



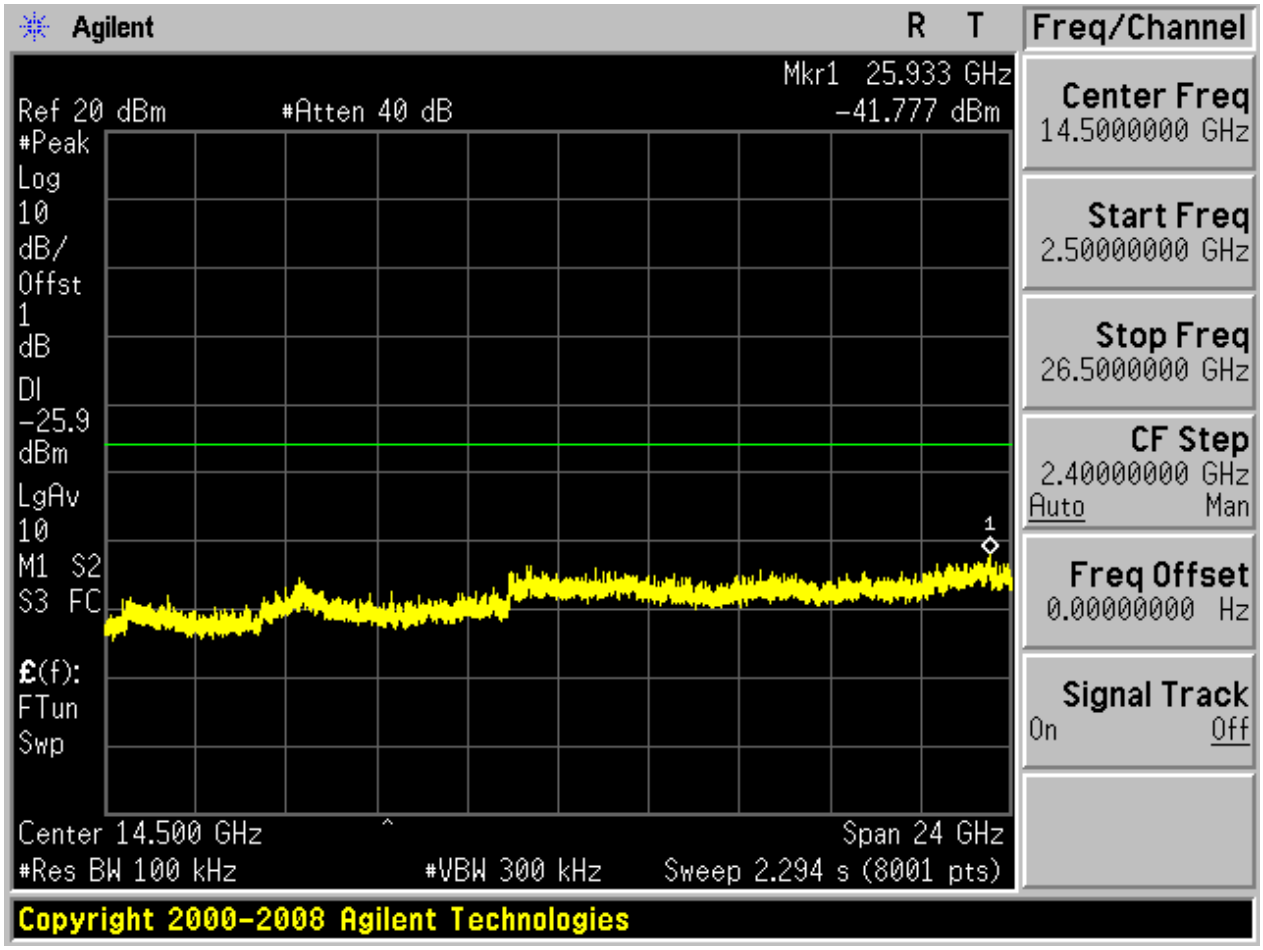
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



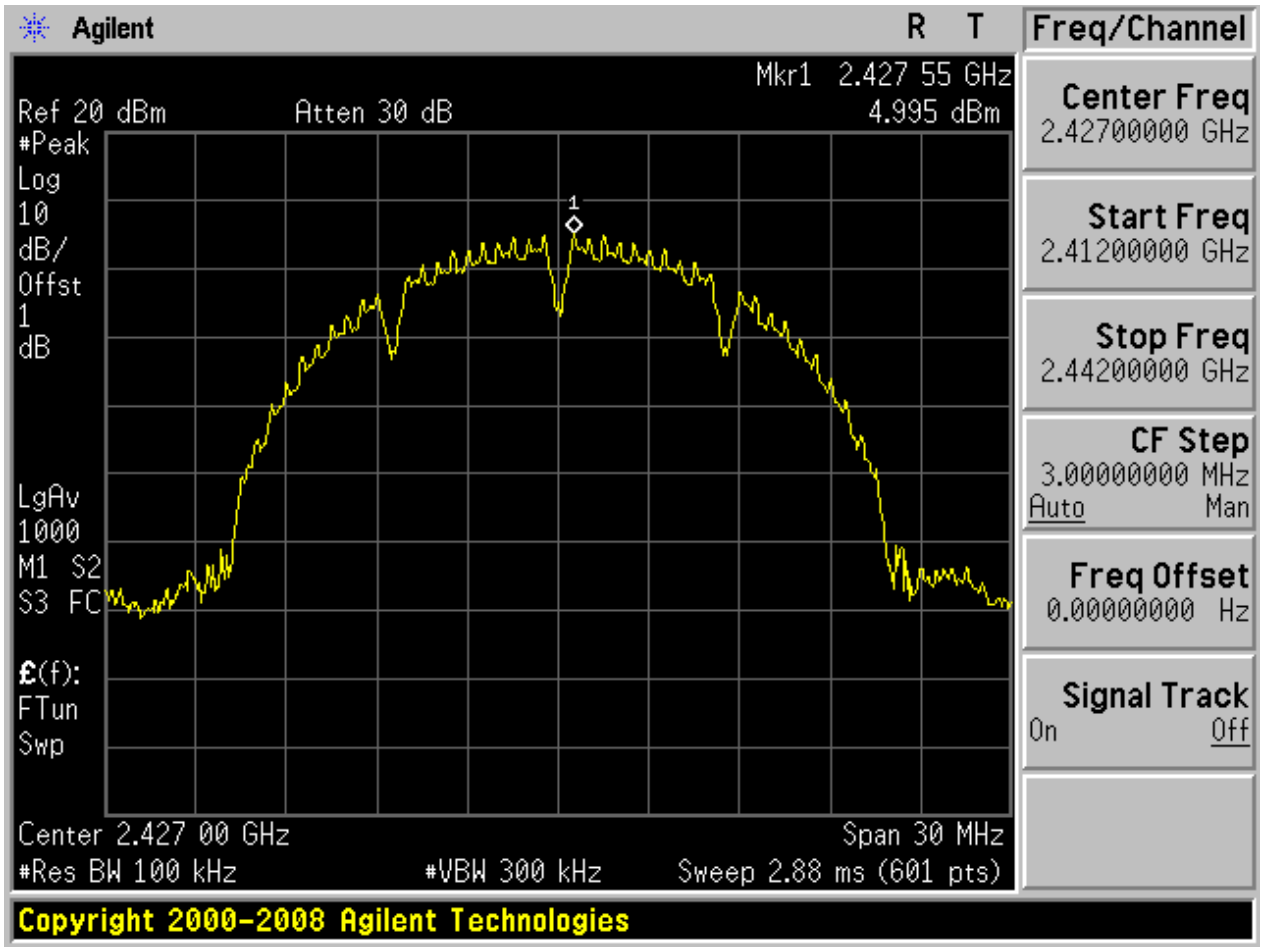
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

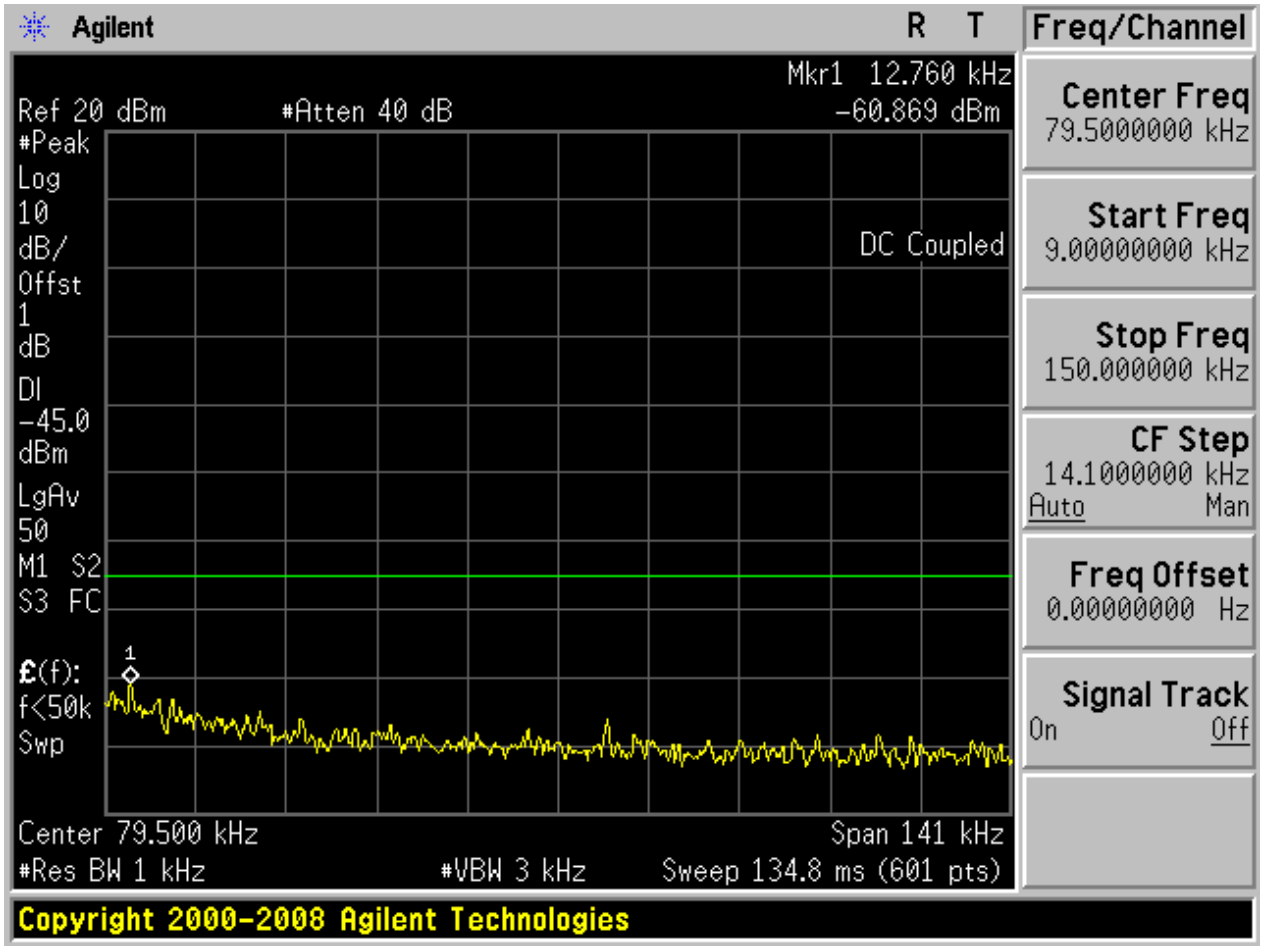
2.2 11B_M@Ant 1

Pref:

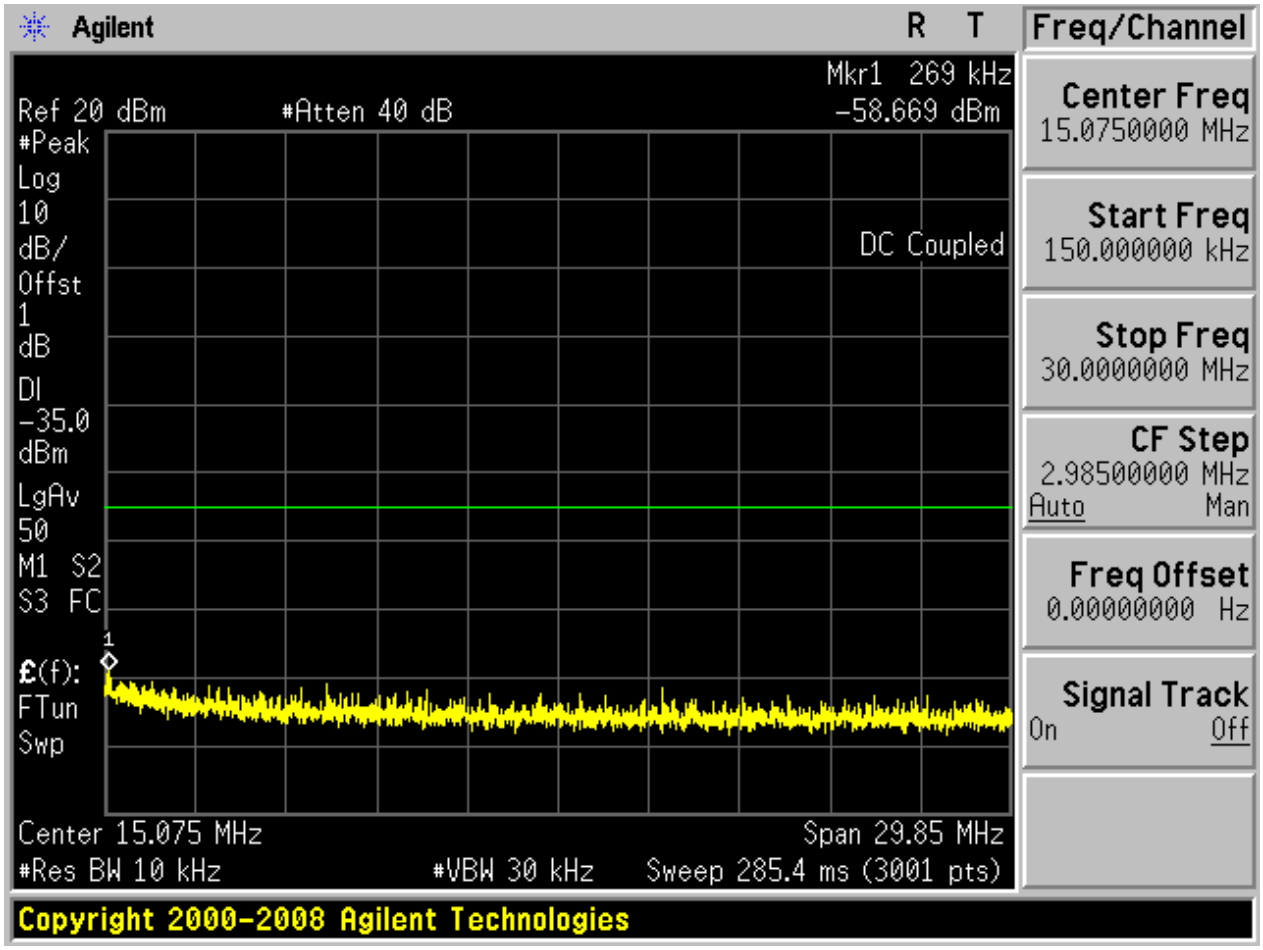


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

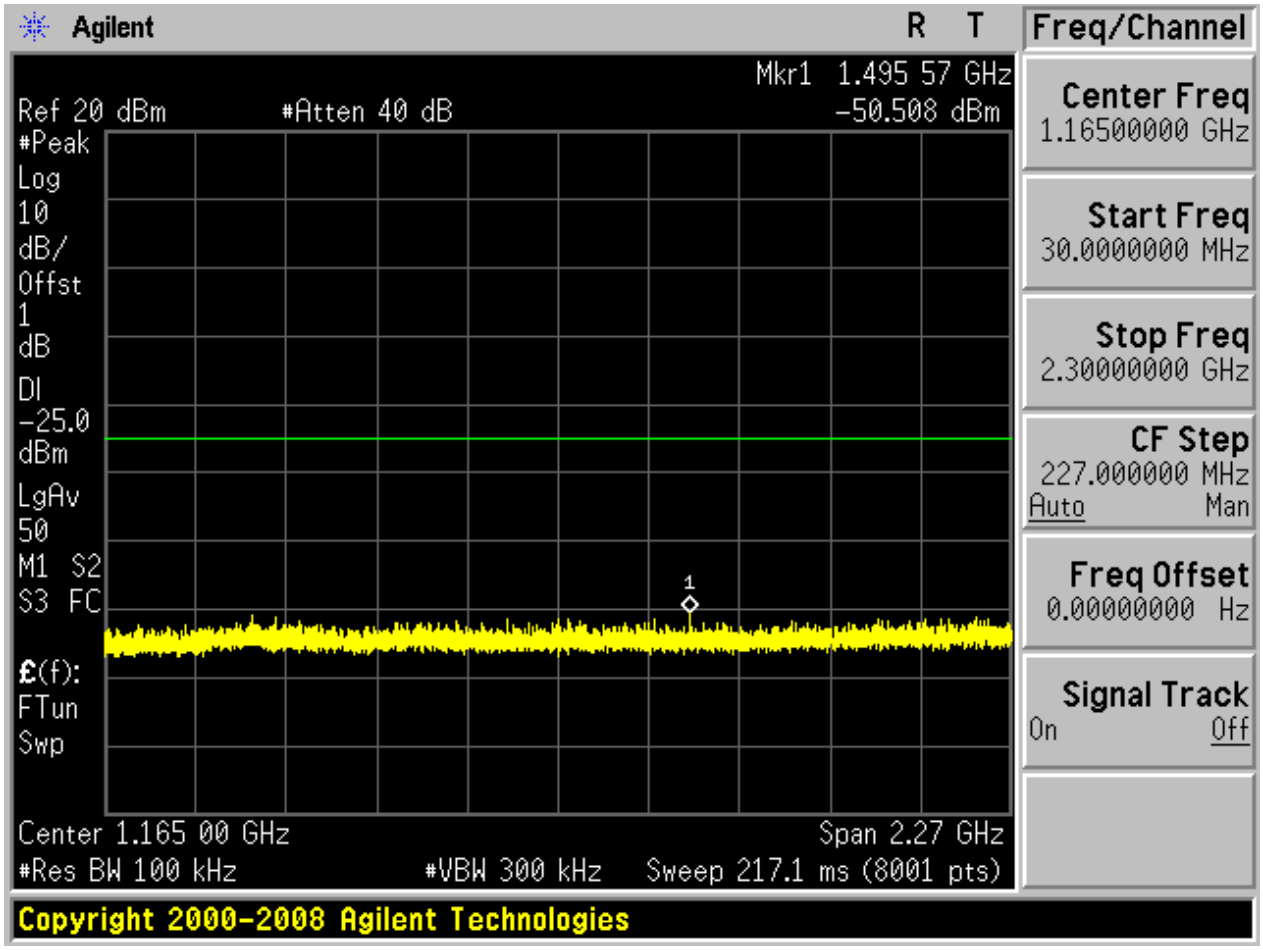
Puw:



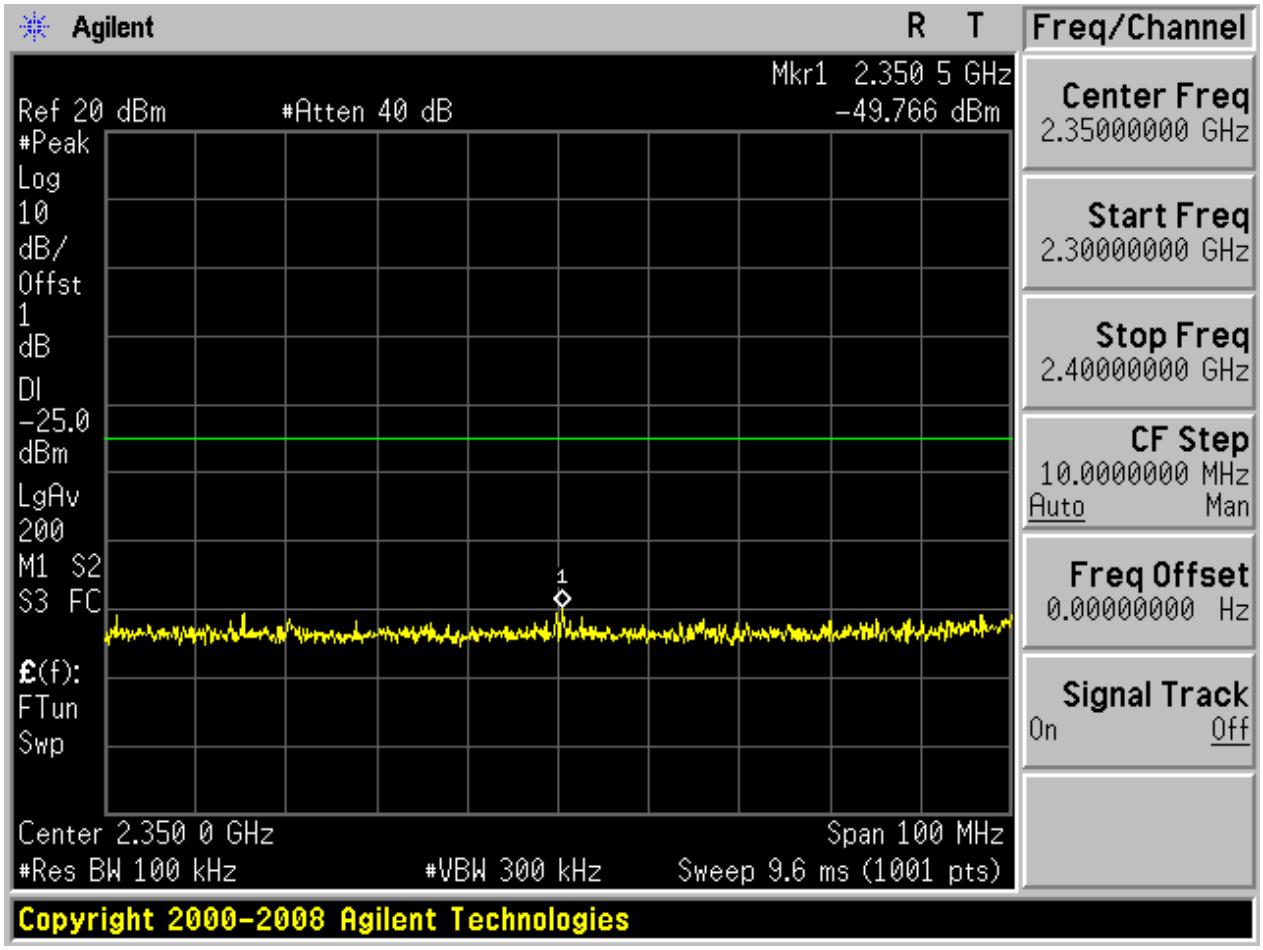
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



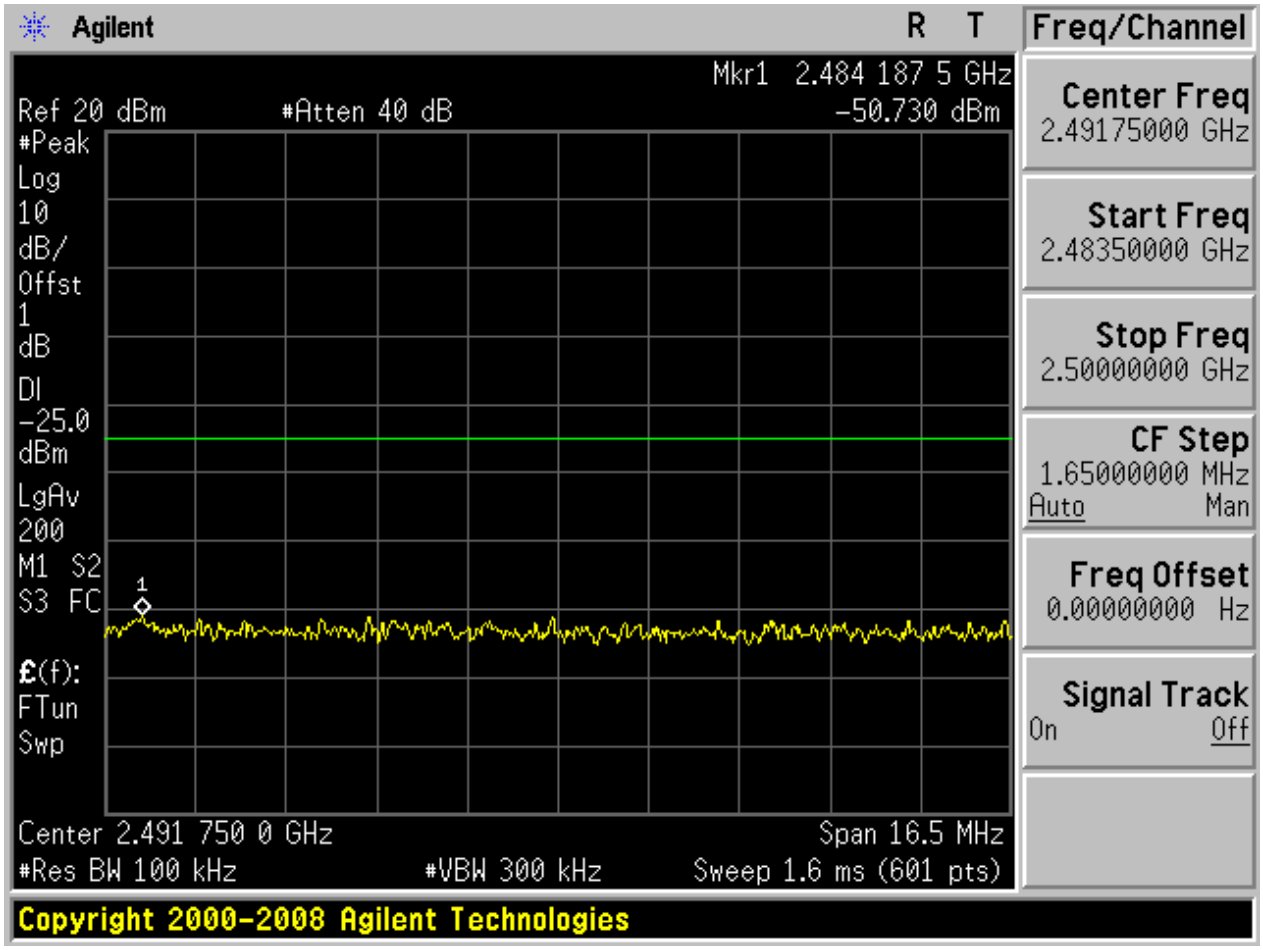
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



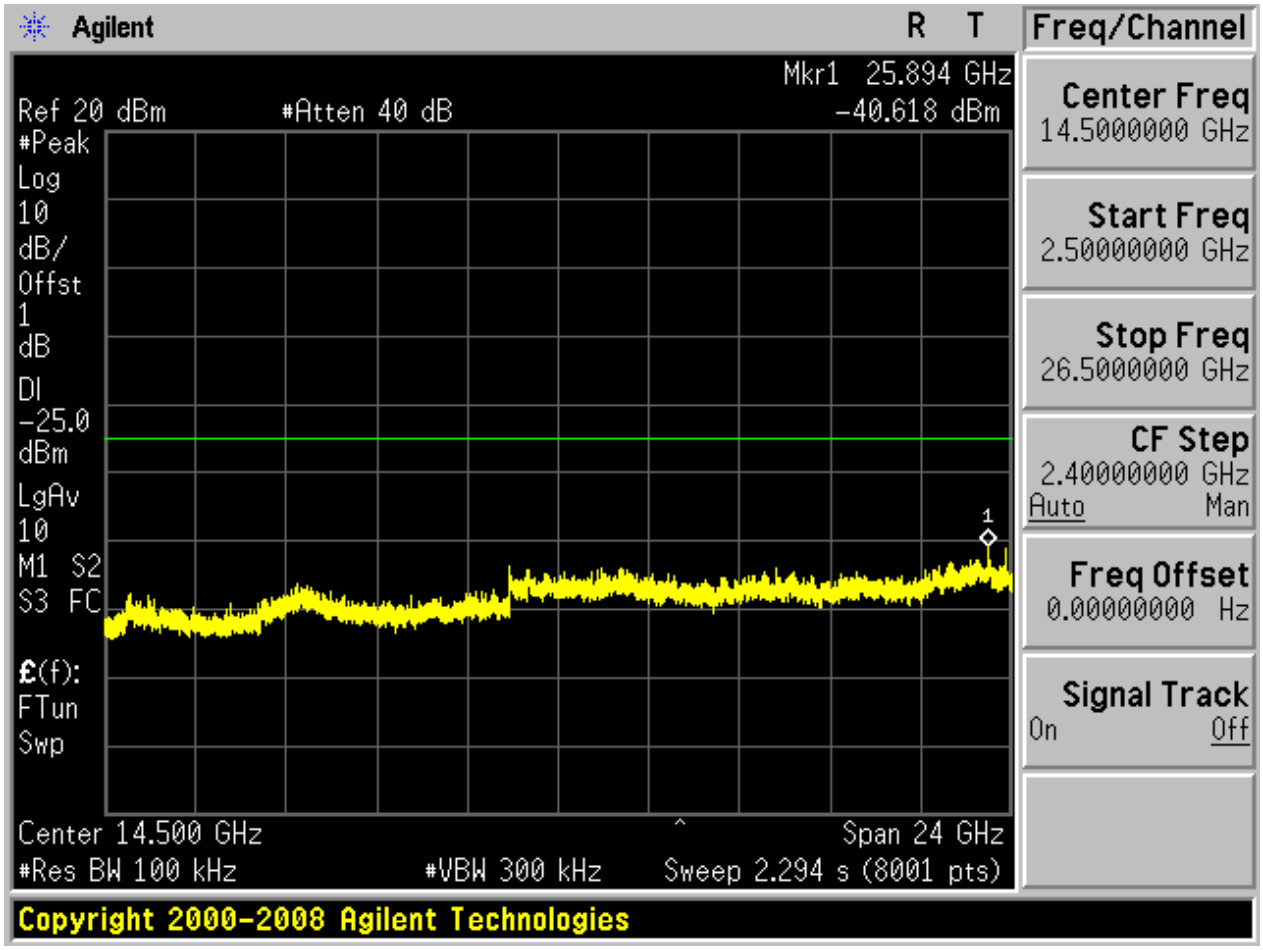
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.



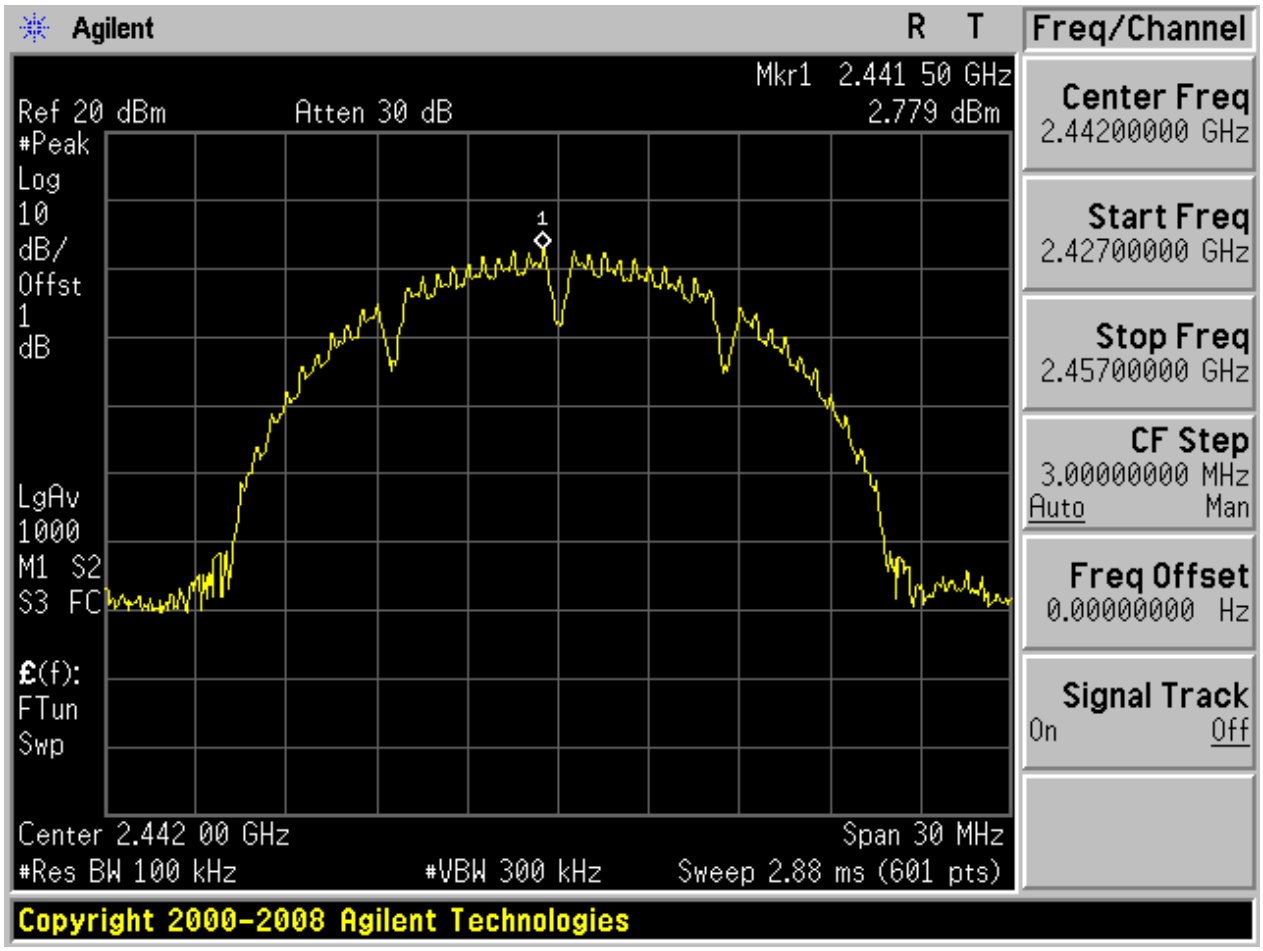
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.

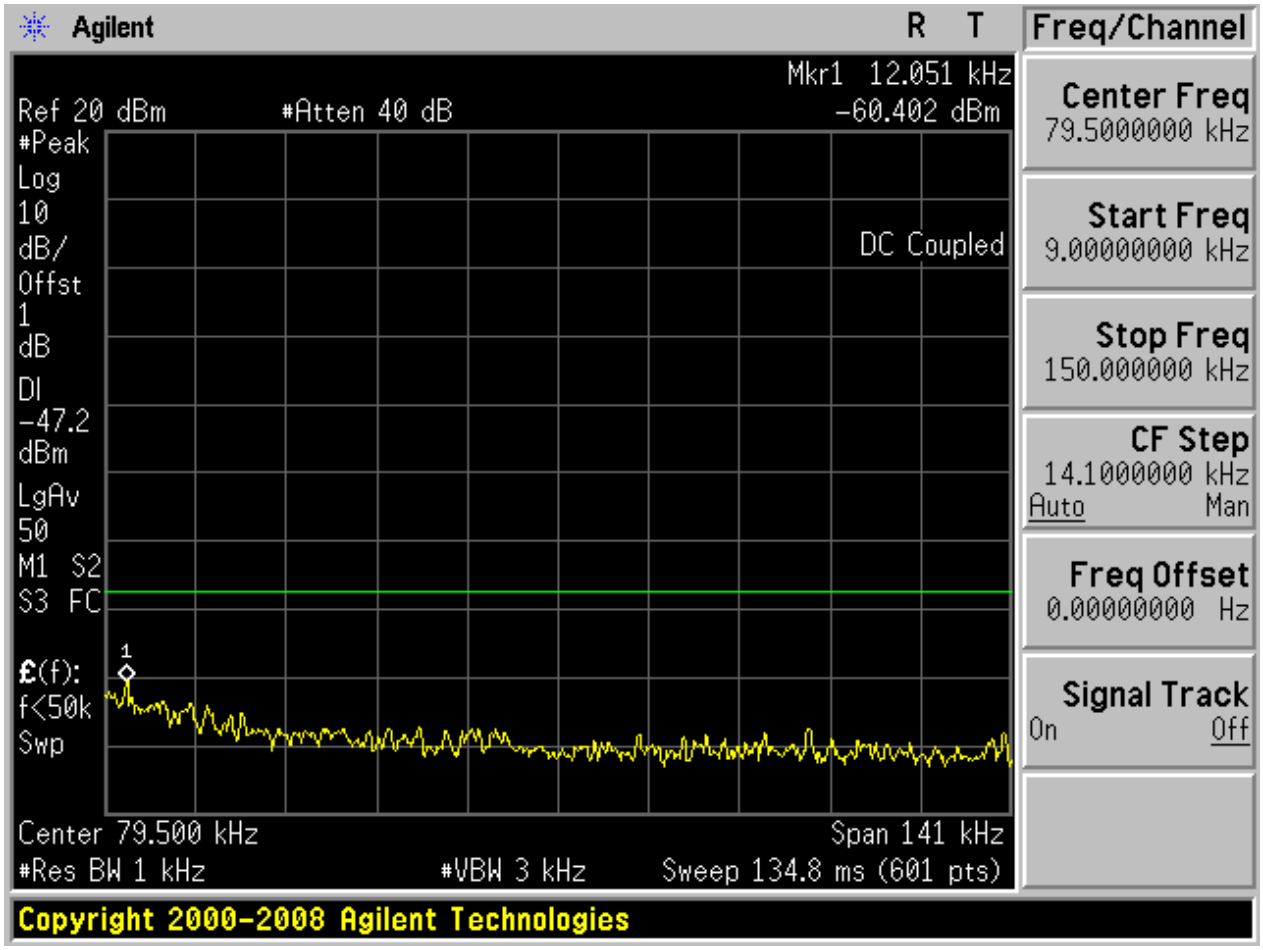
2.3 11B_H@Ant 1

Pref:

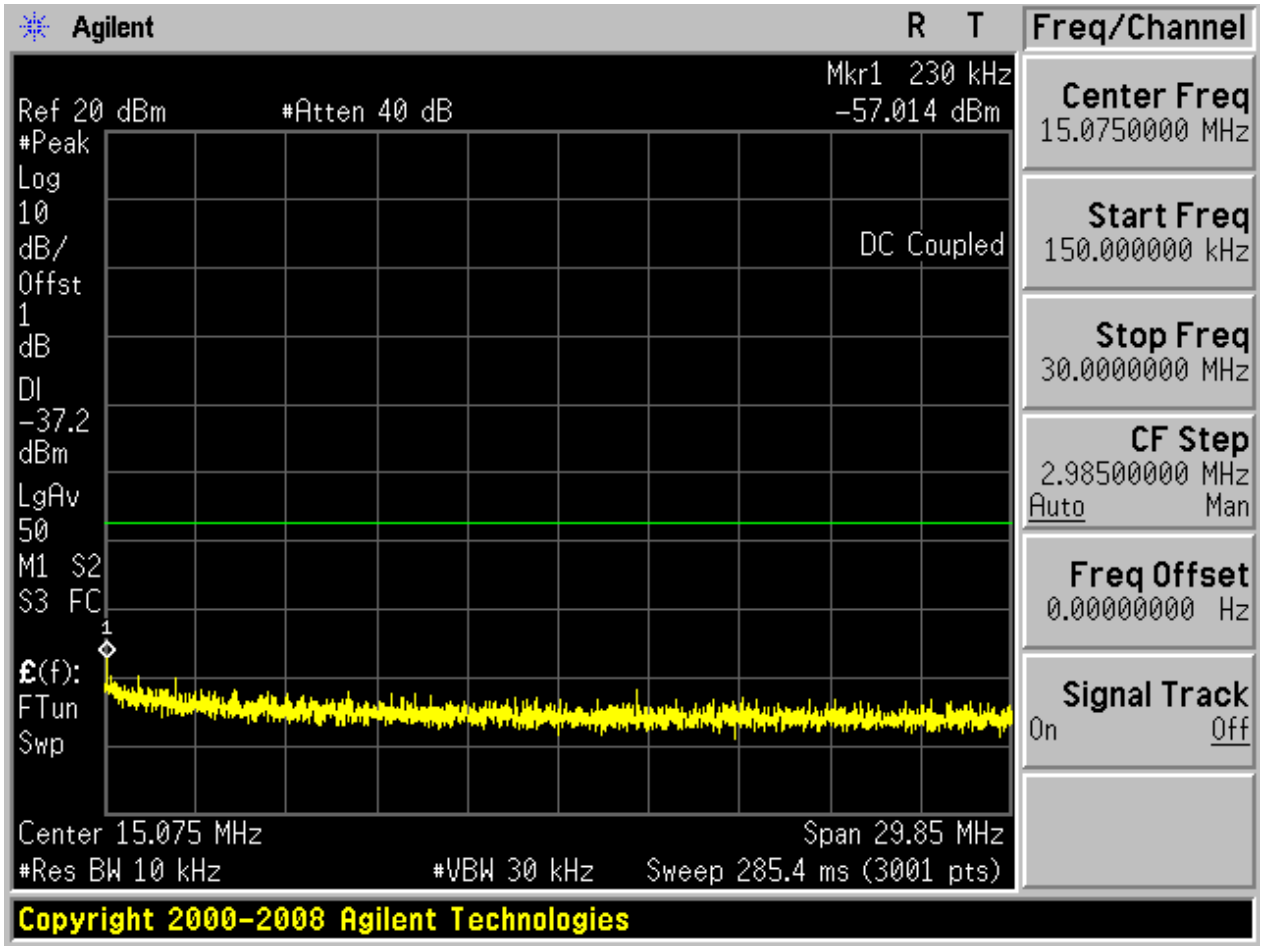


Copyright © Huawei Technologies Co., Ltd.

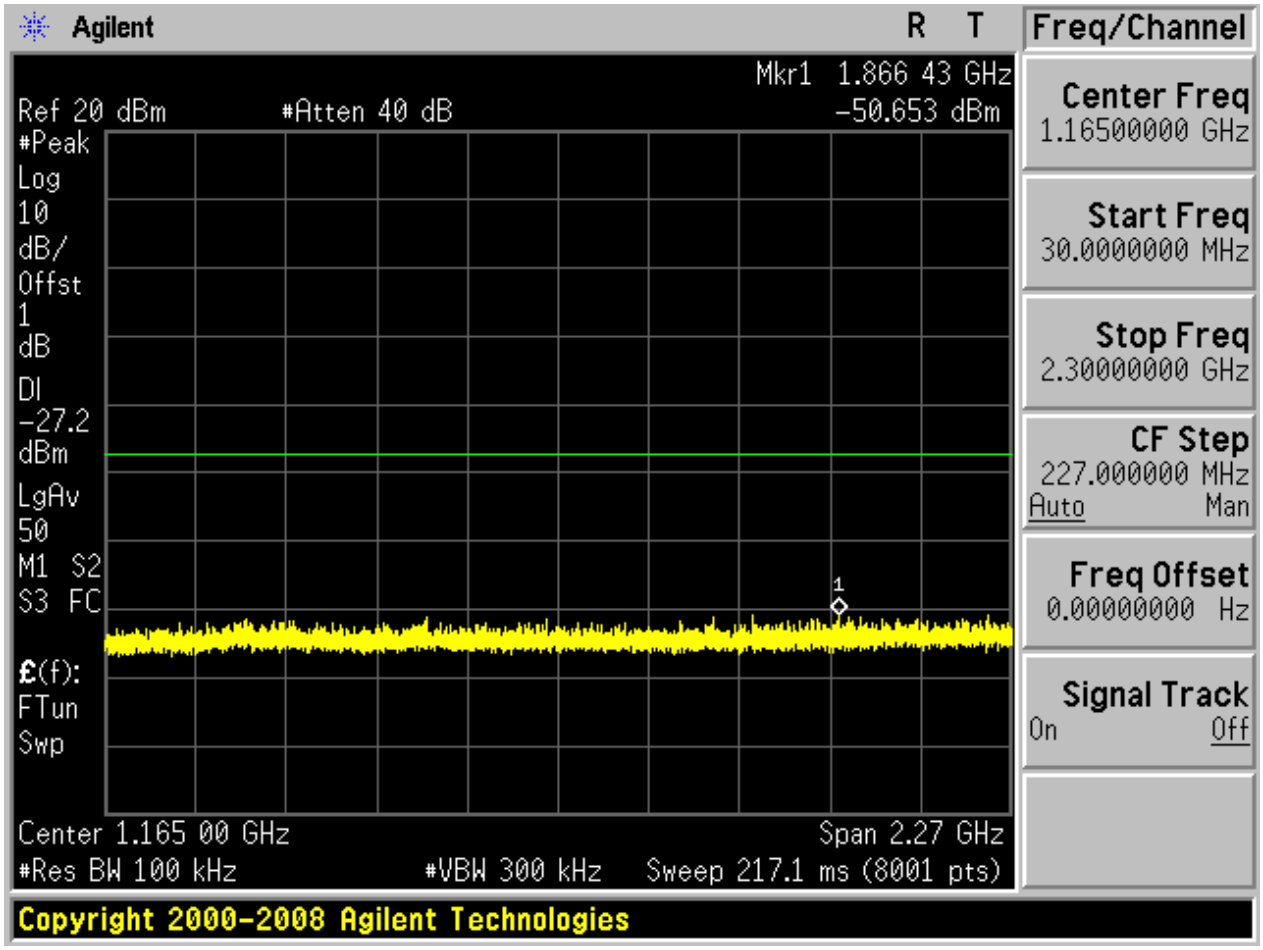
Puw:



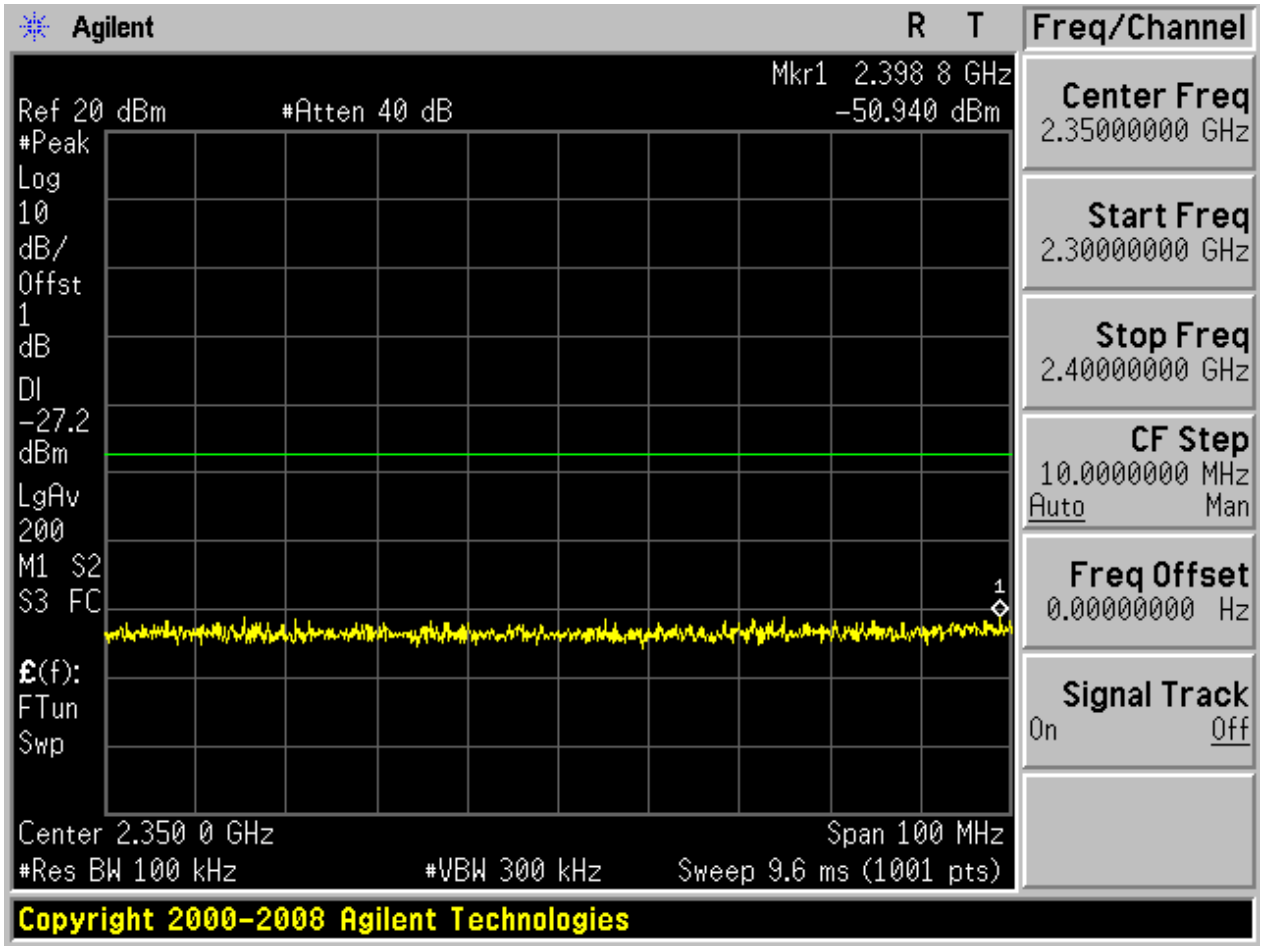
Copyright © Huawei Technologies Co., Ltd.



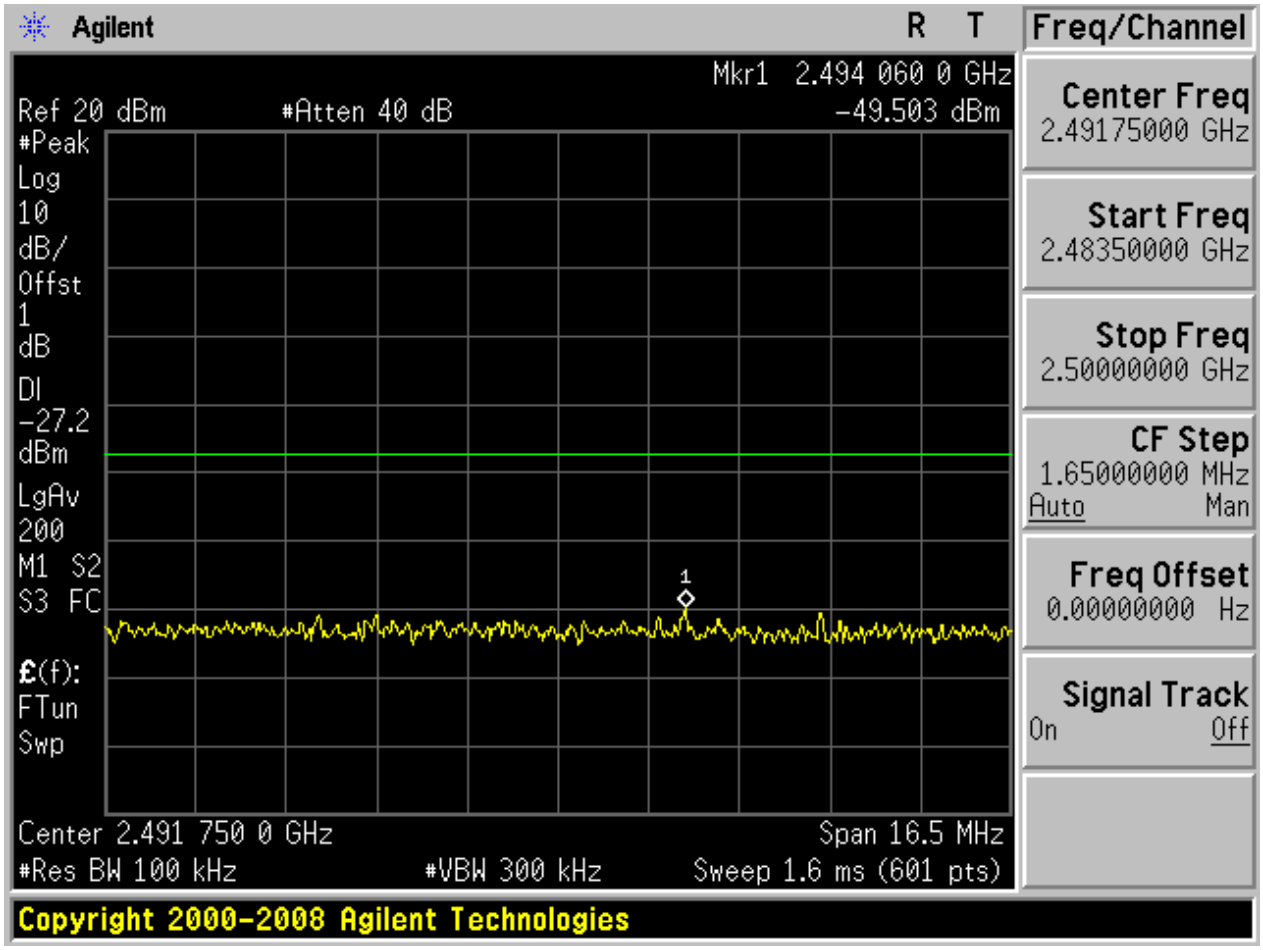
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



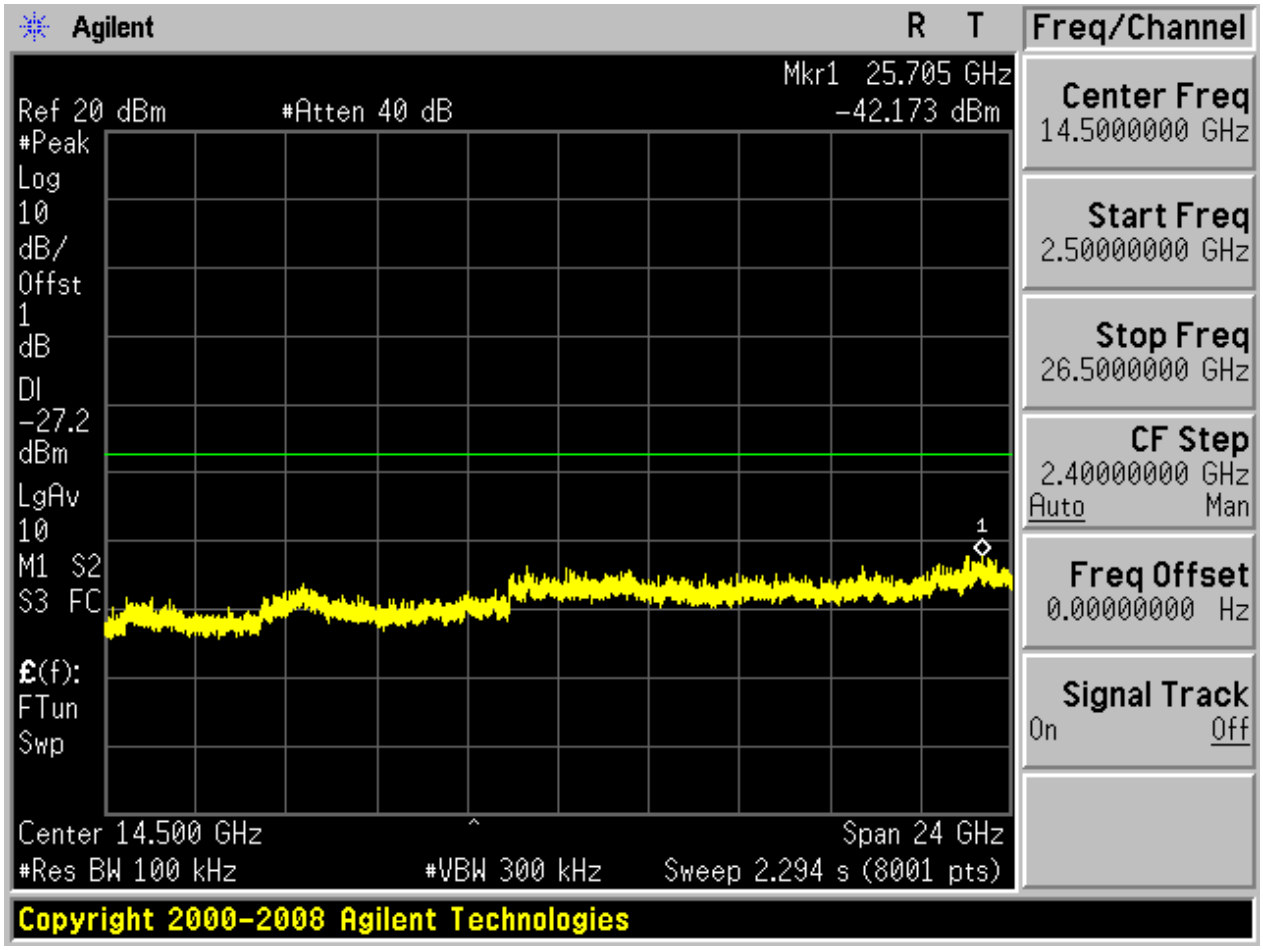
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



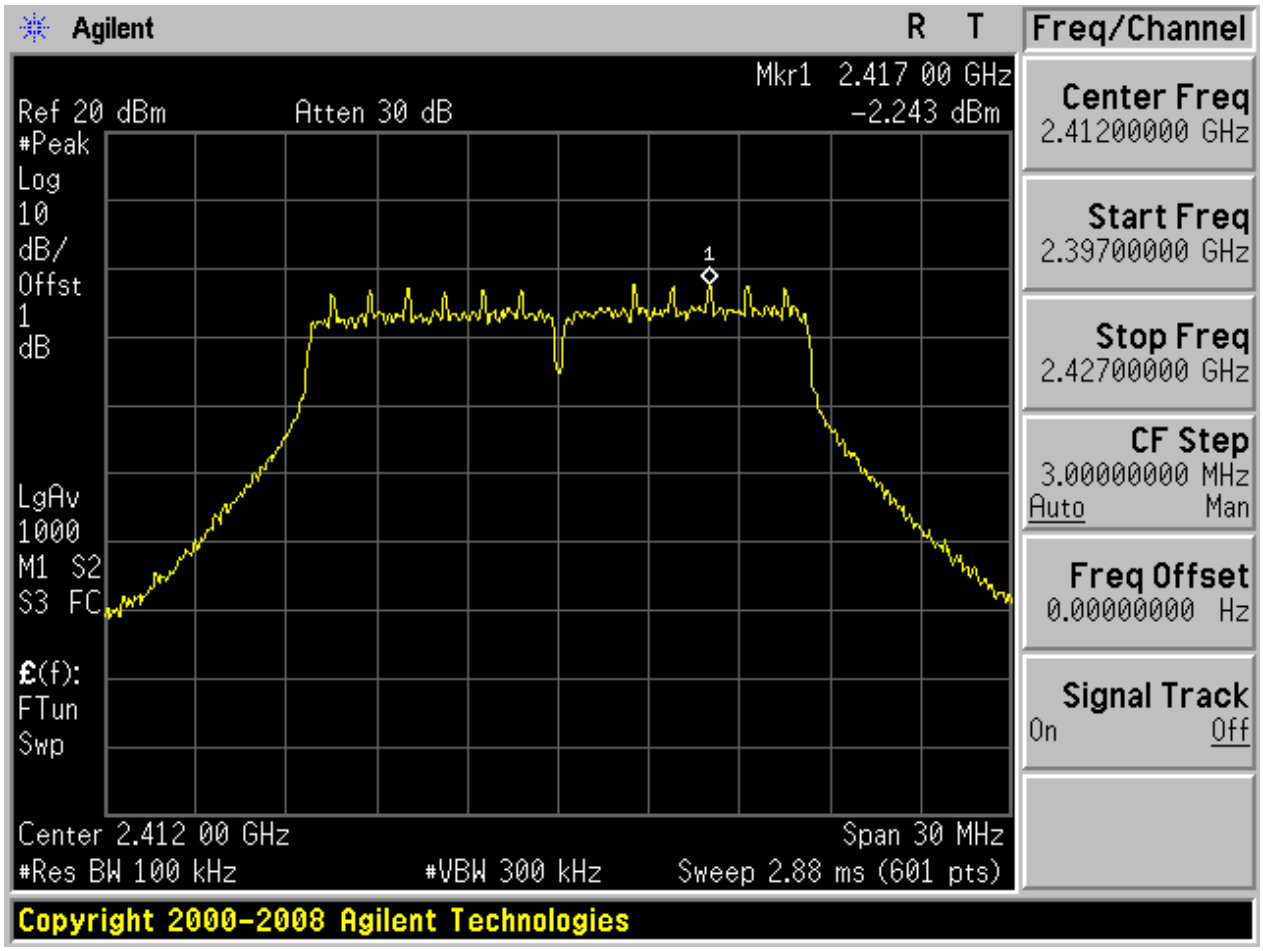
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.

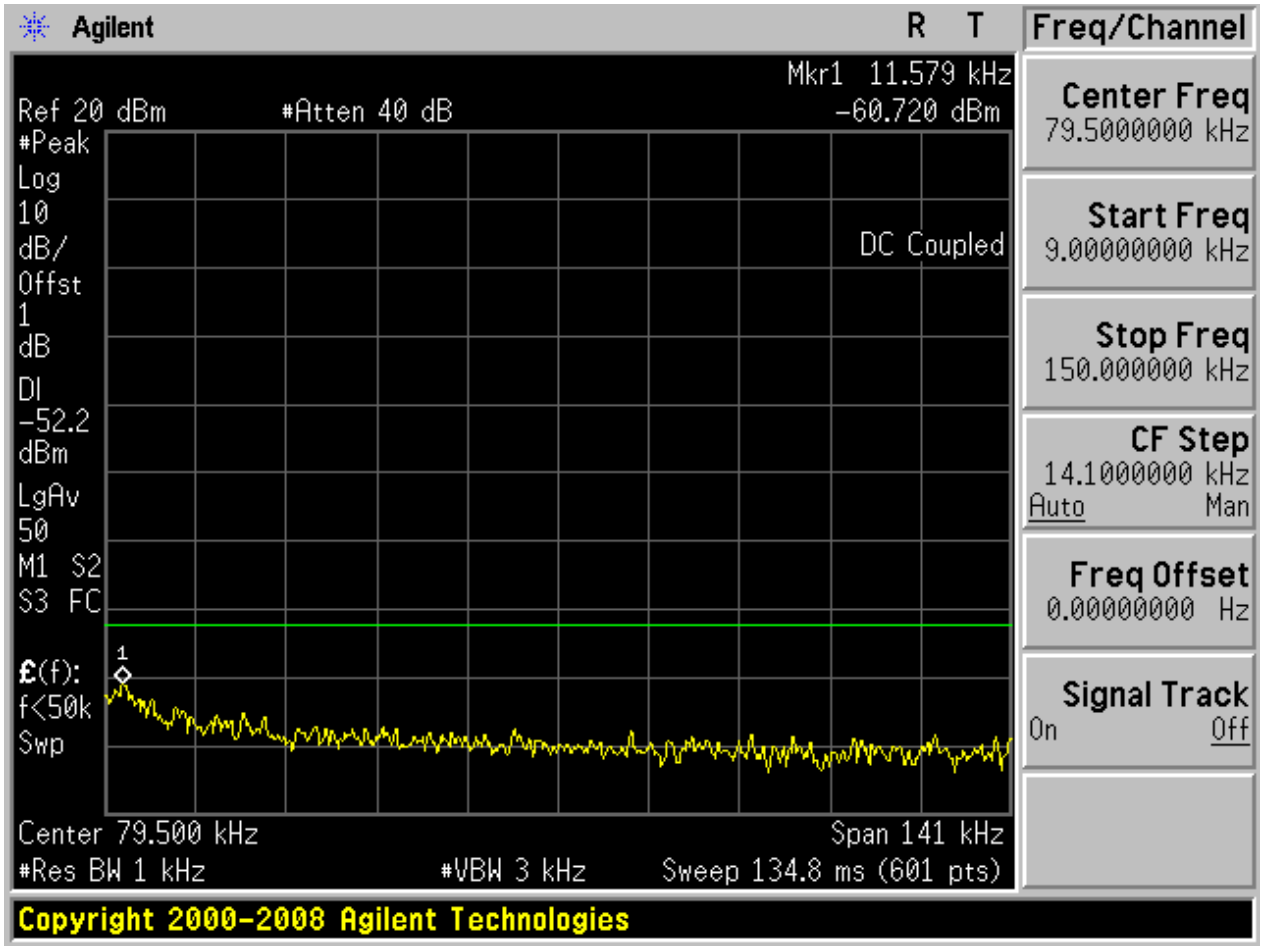
2.4 11G_L@Ant 1

Pref:

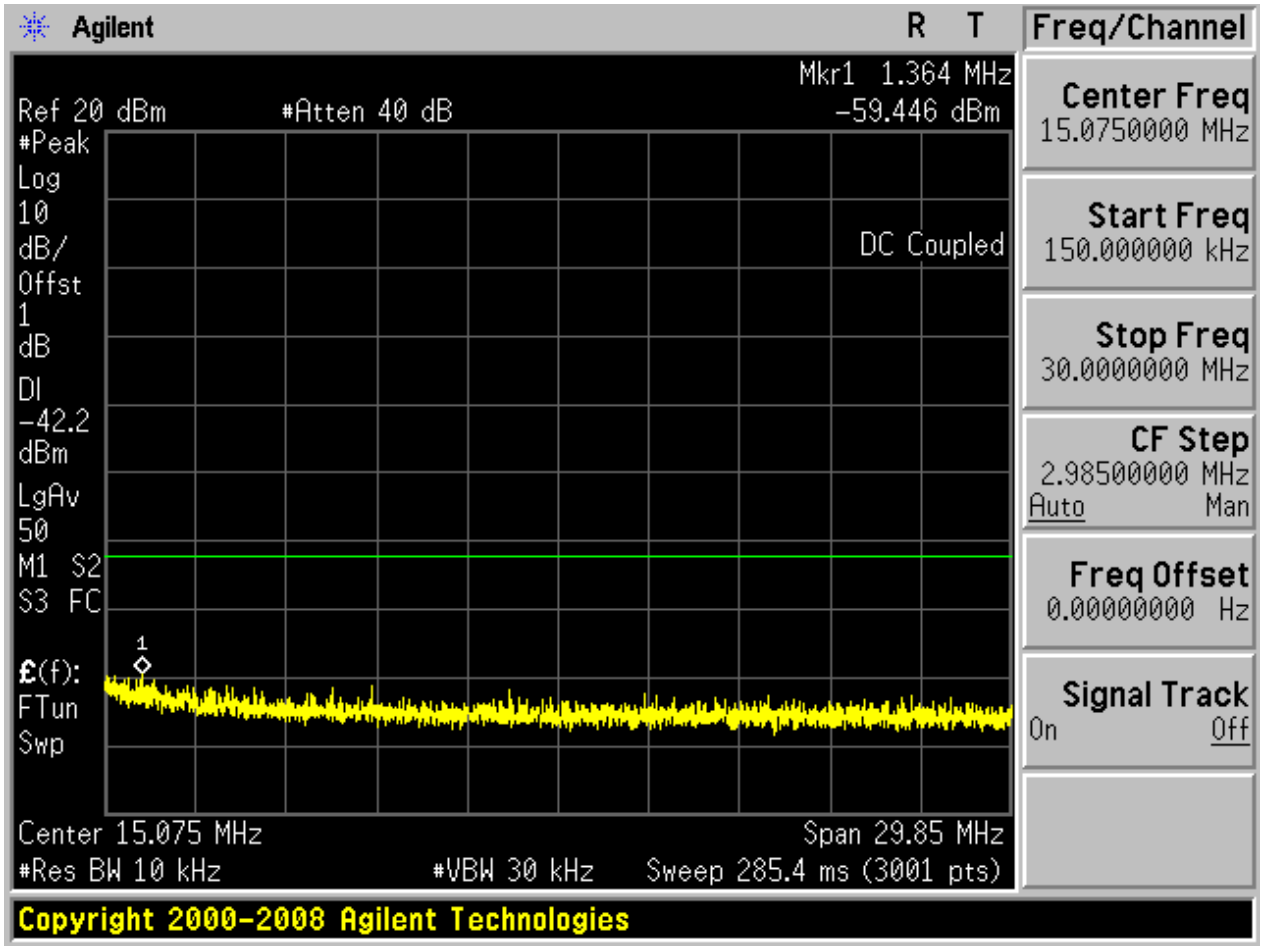


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

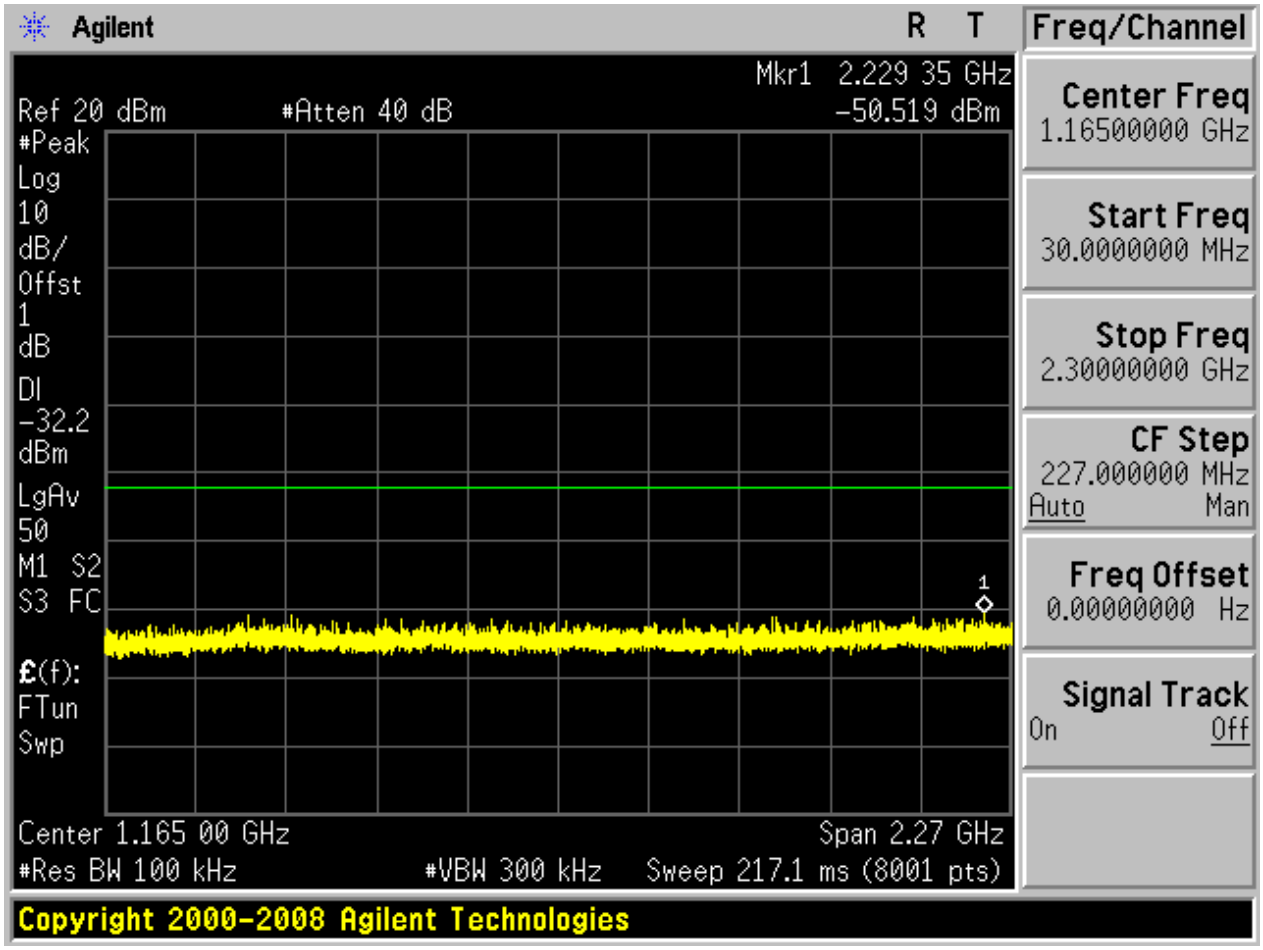
Puw:



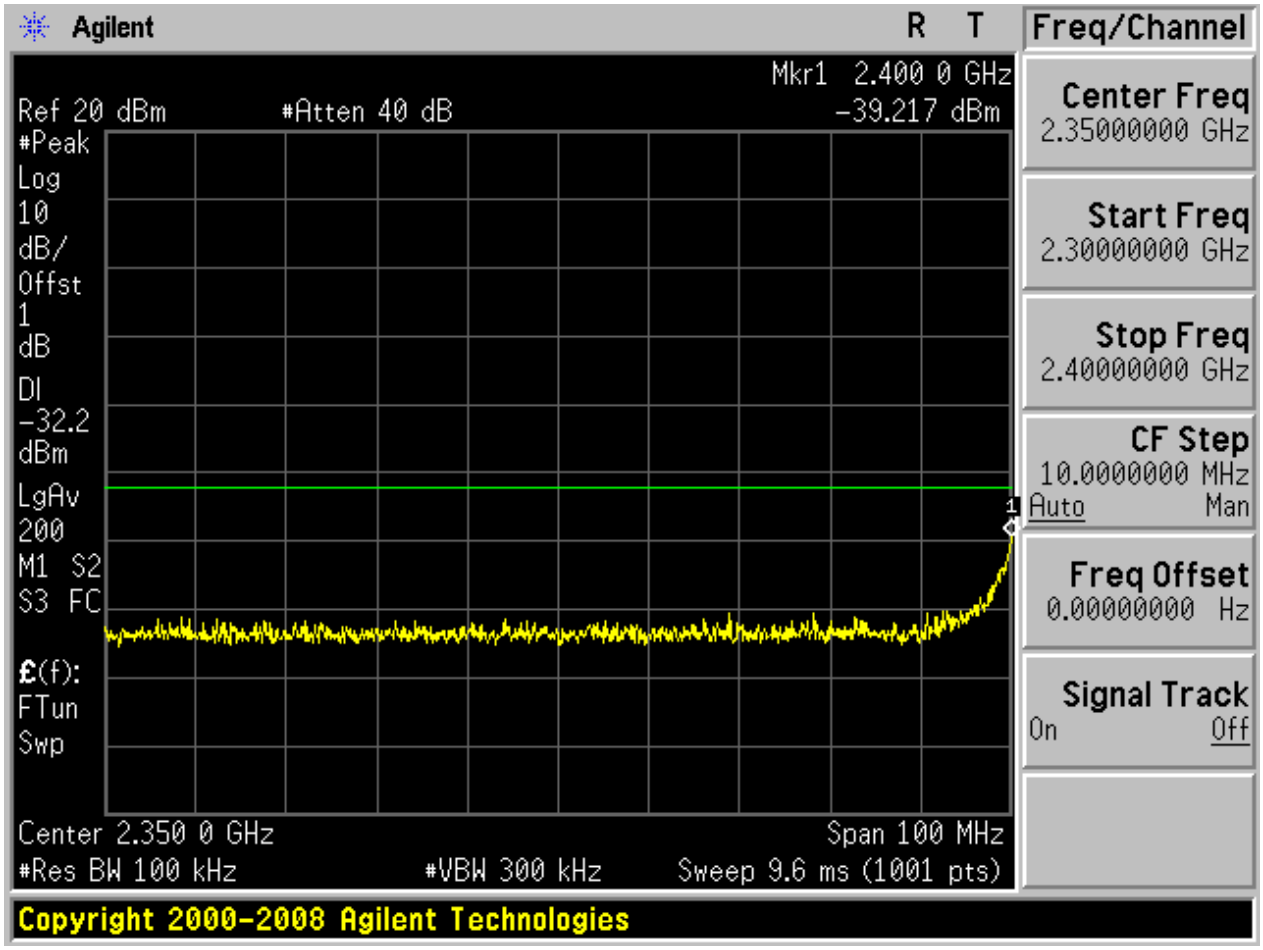
Copyright © Huawei Technologies Co., Ltd.



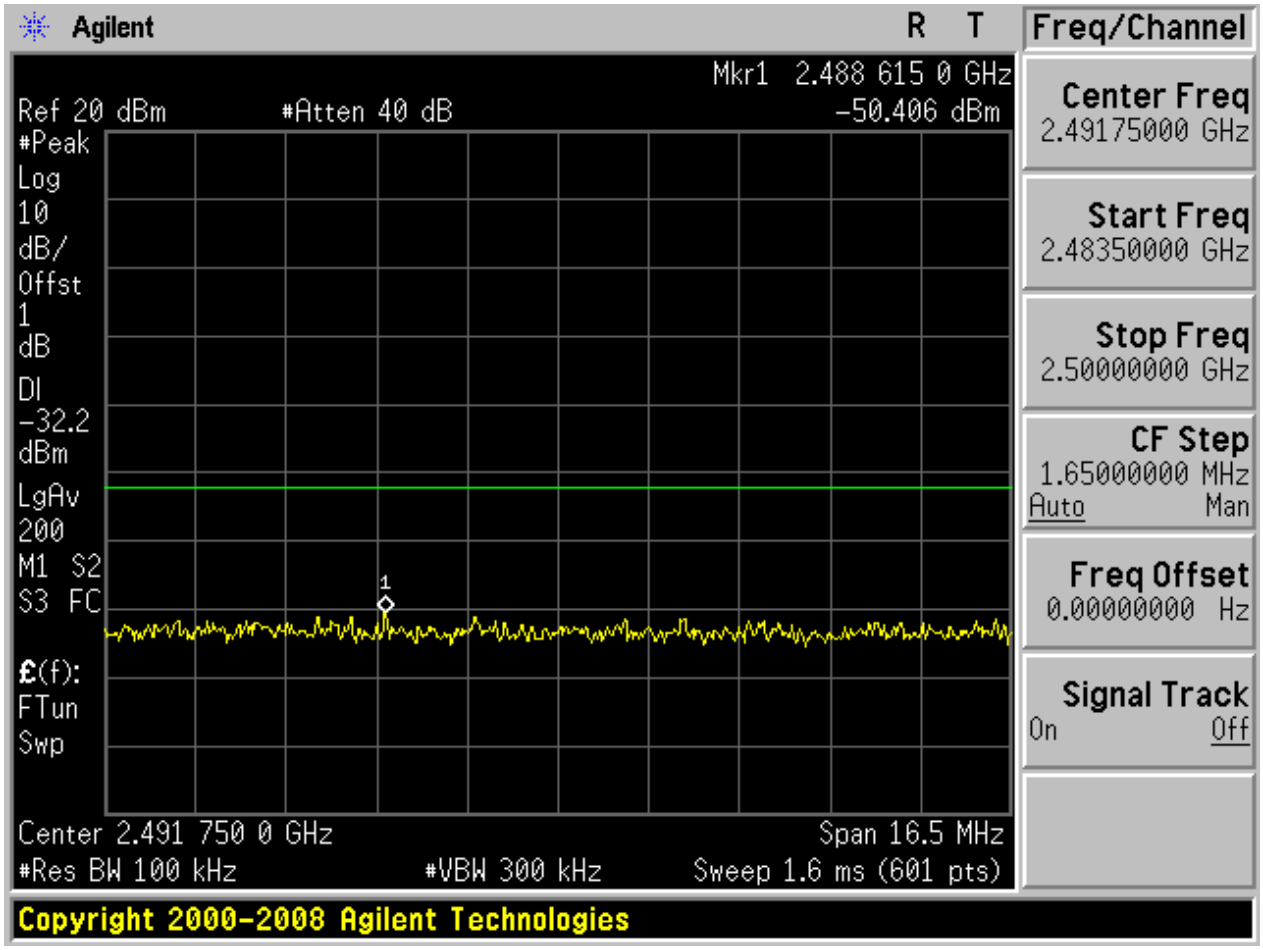
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



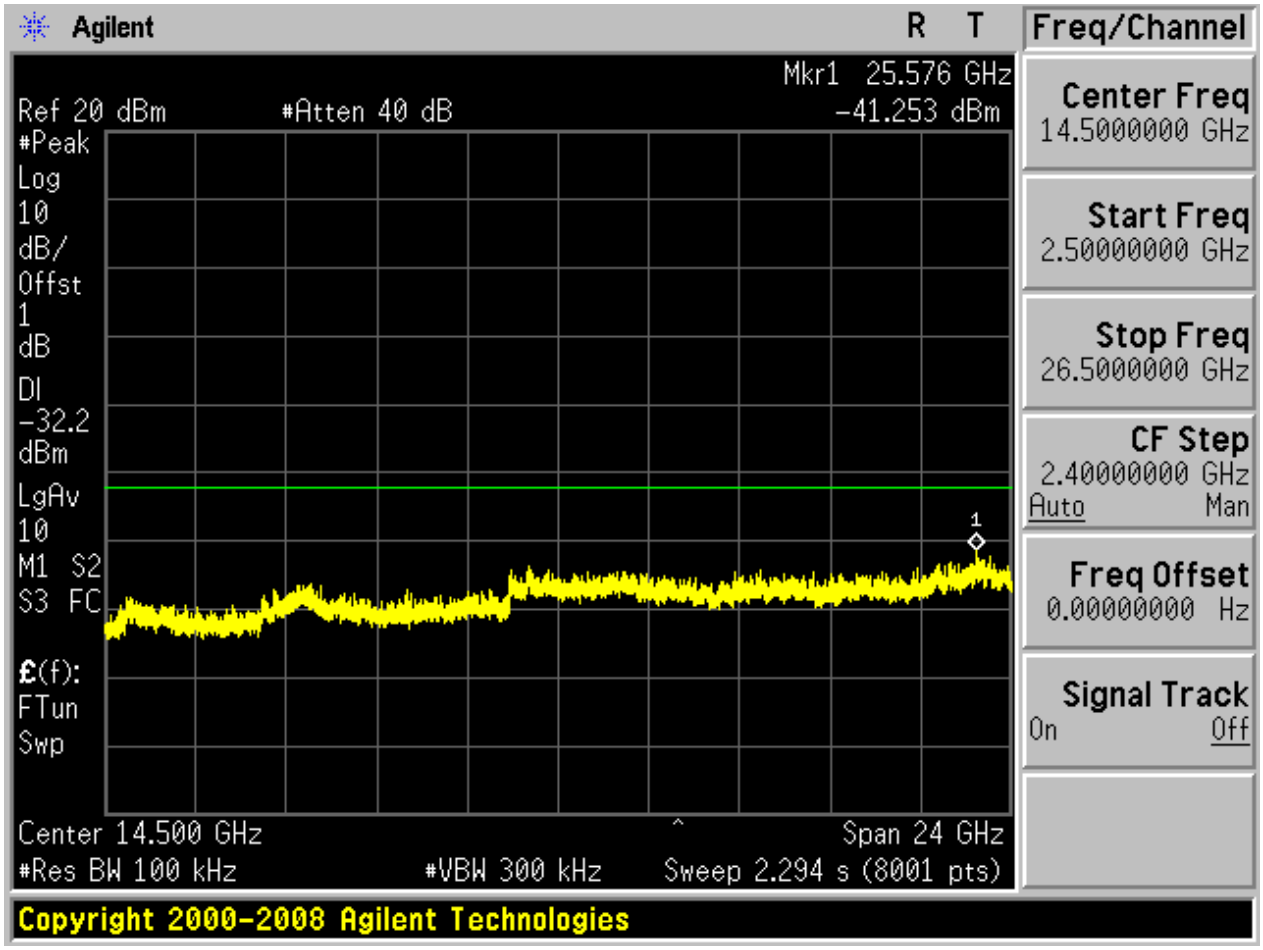
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.



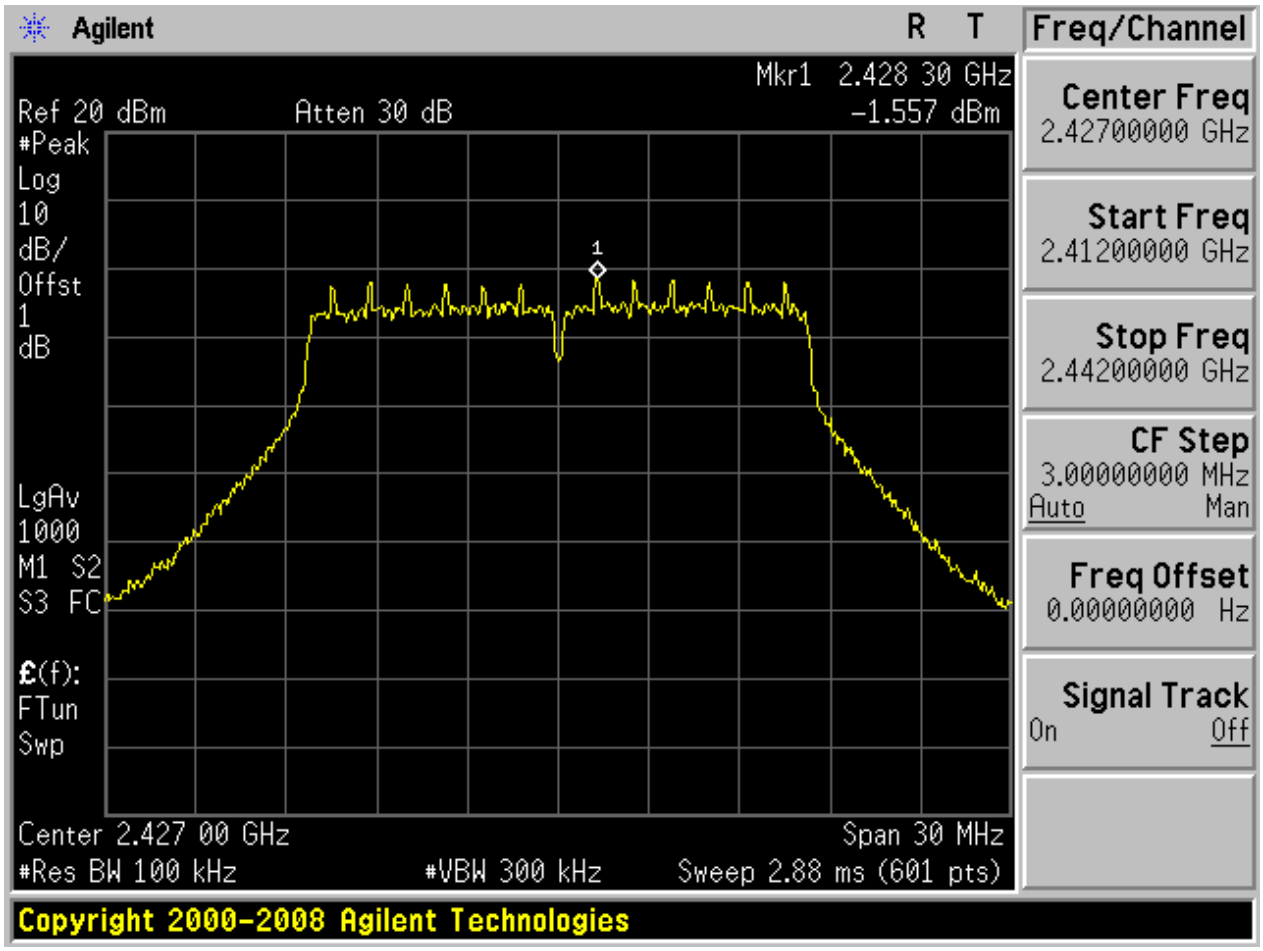
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

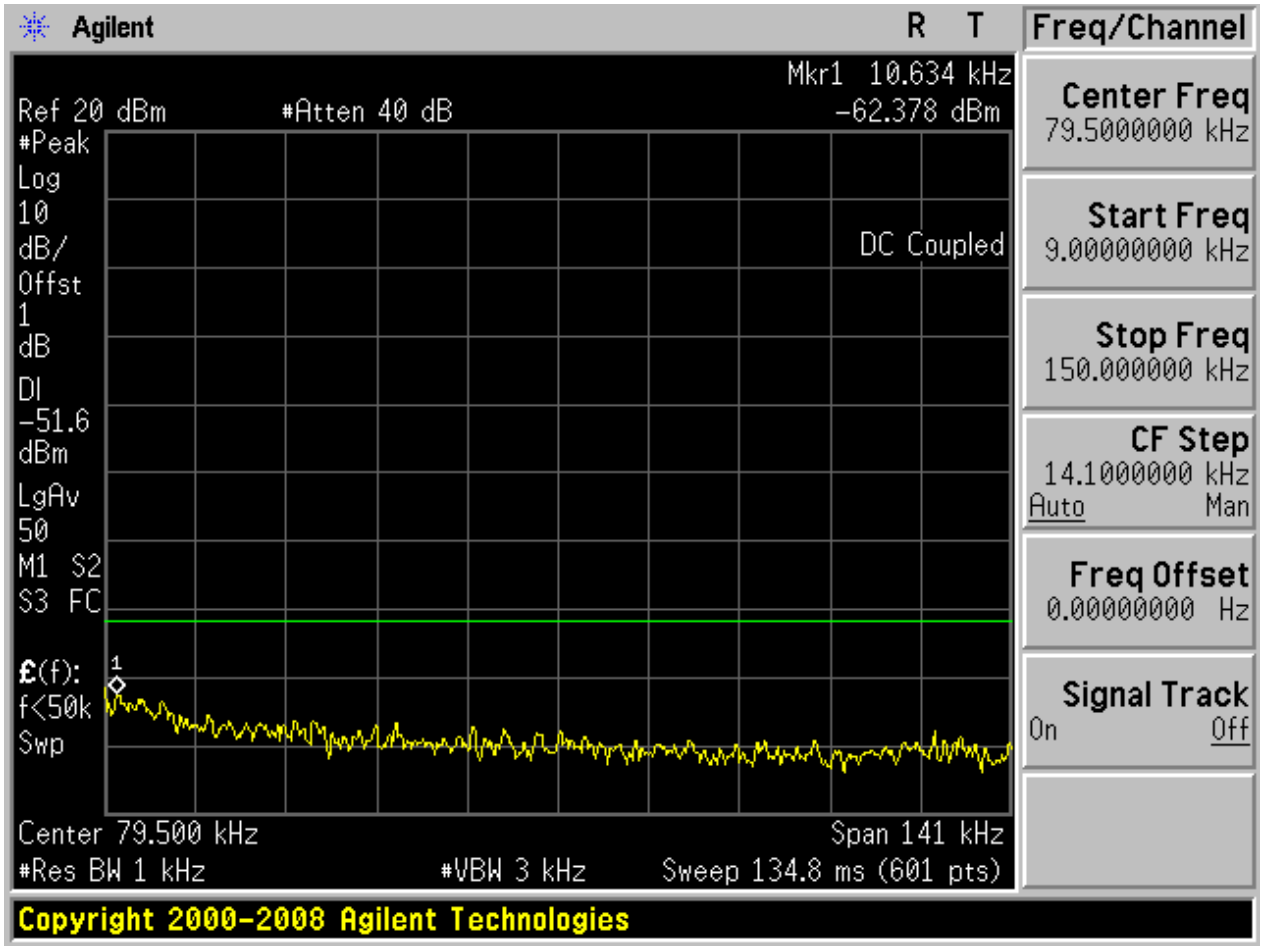
2.5 11G_M@Ant 1

Pref:

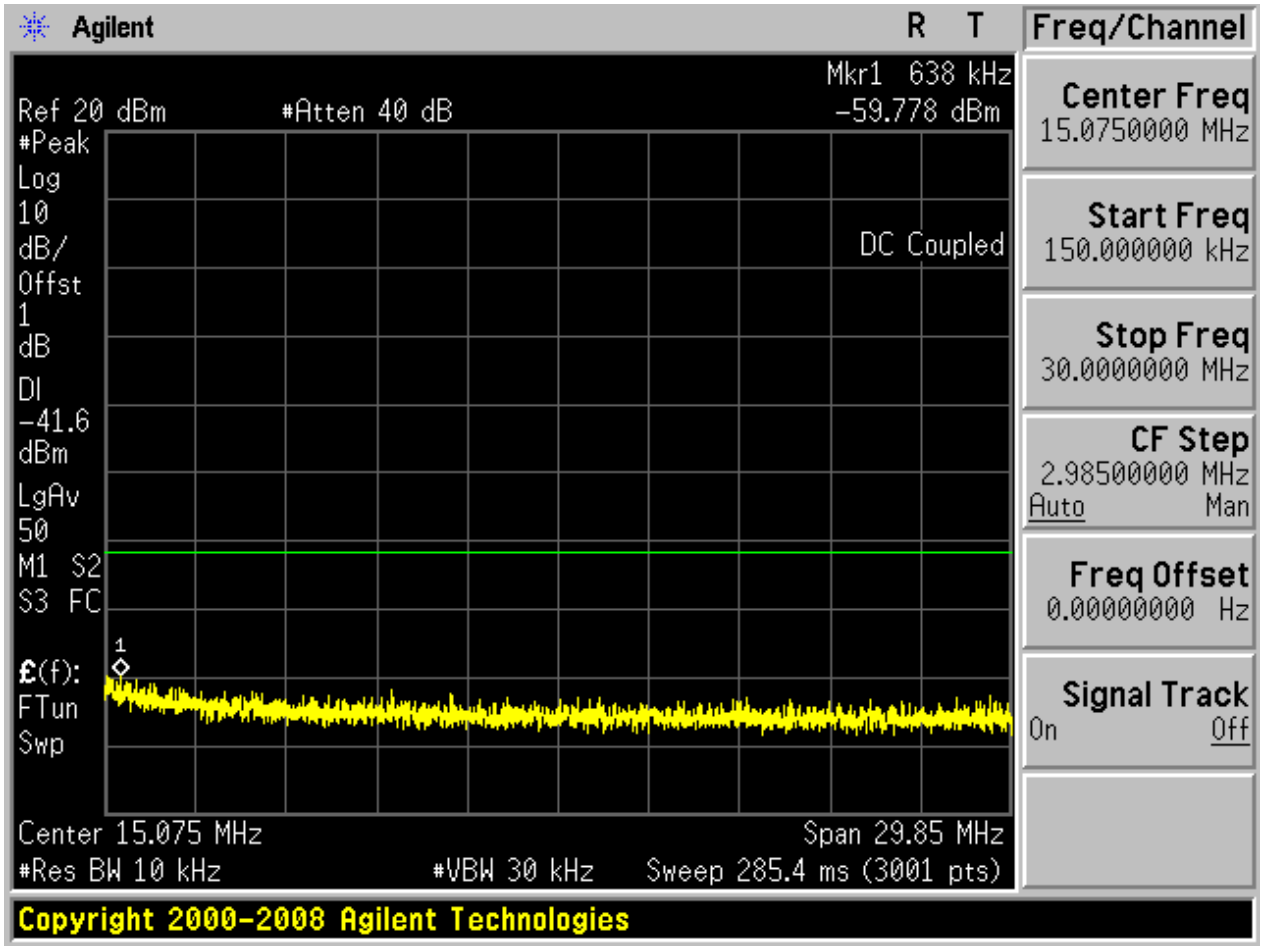


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

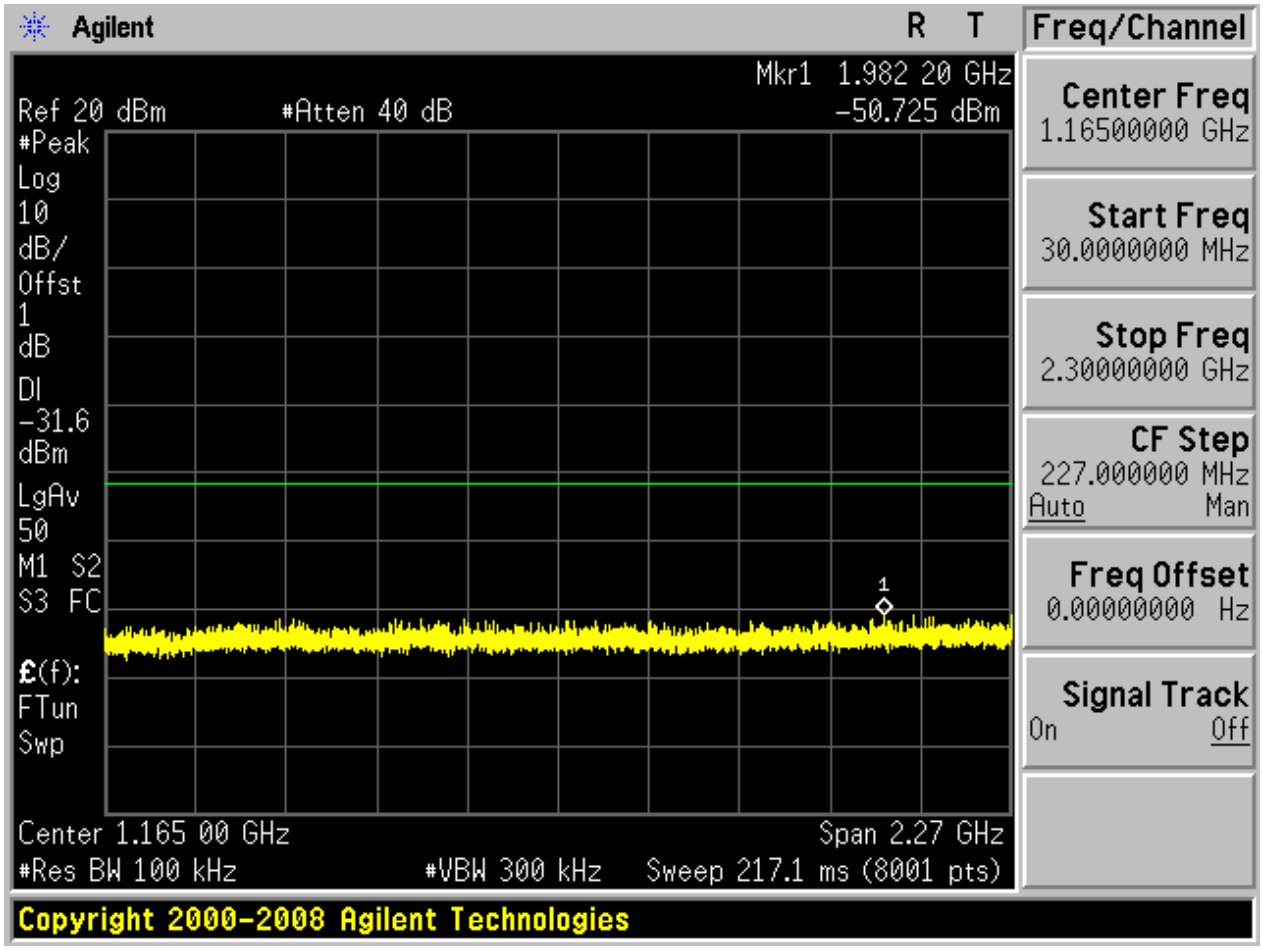
Puw:



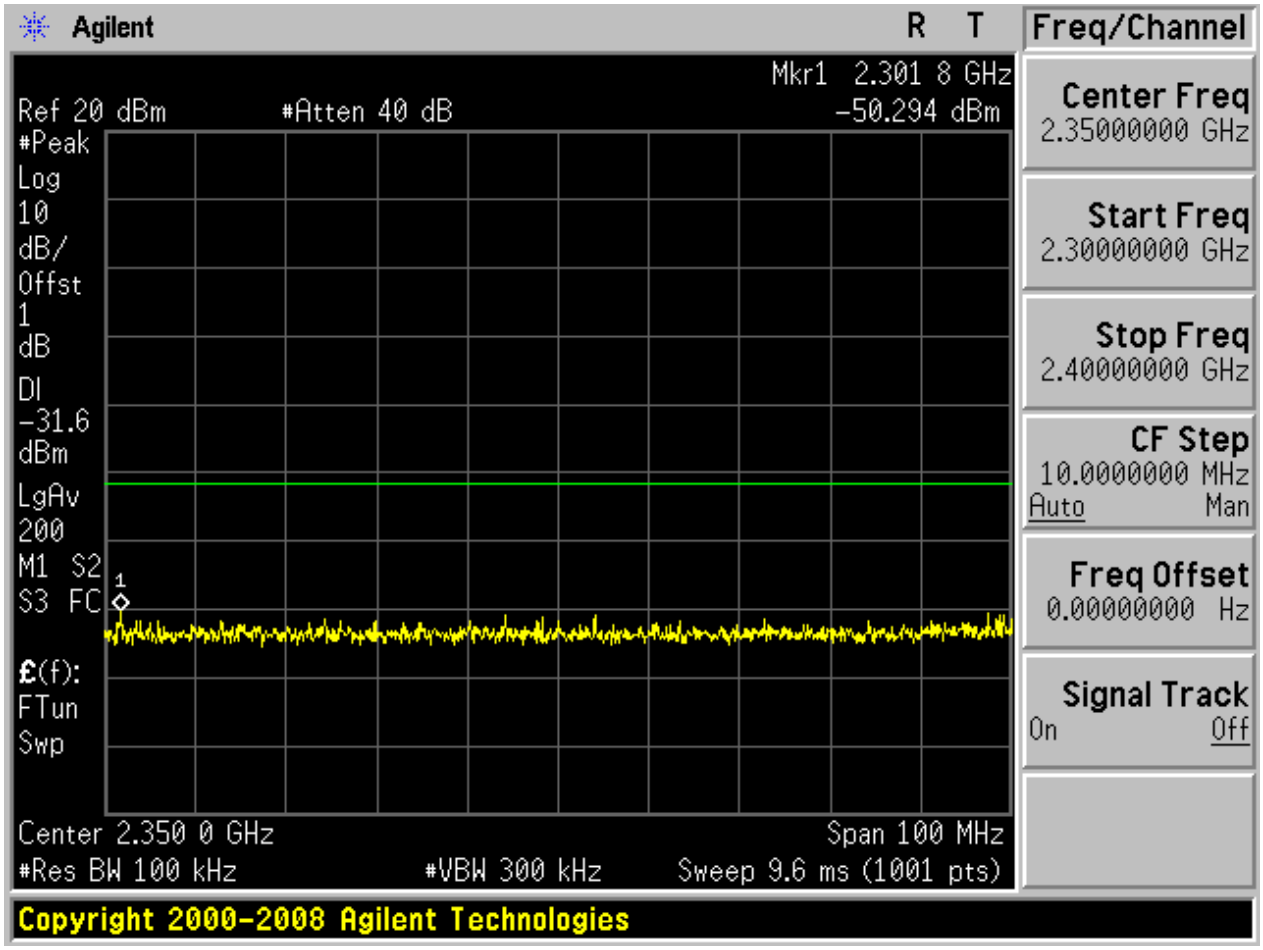
Copyright © Huawei Technologies Co., Ltd.



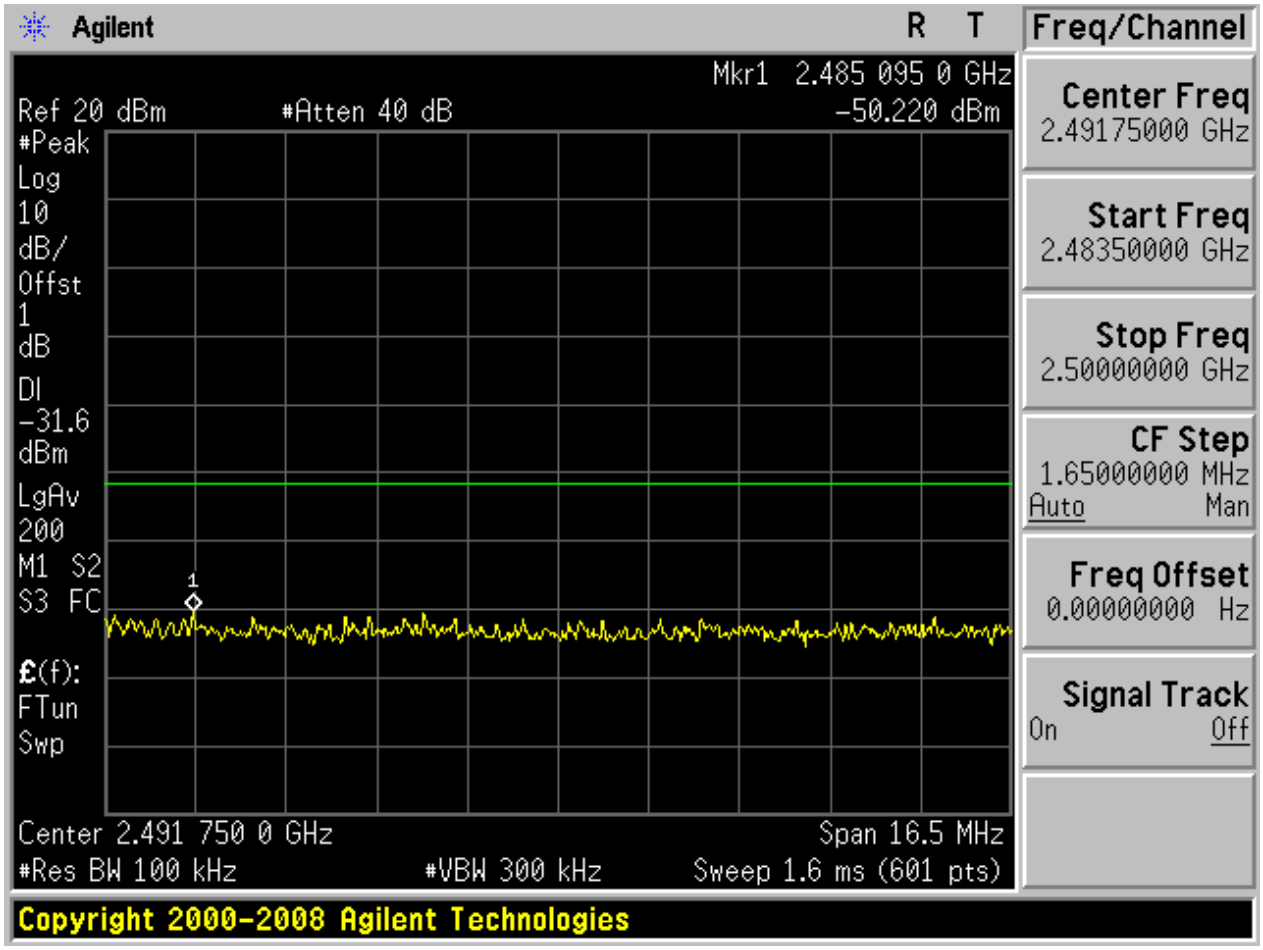
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



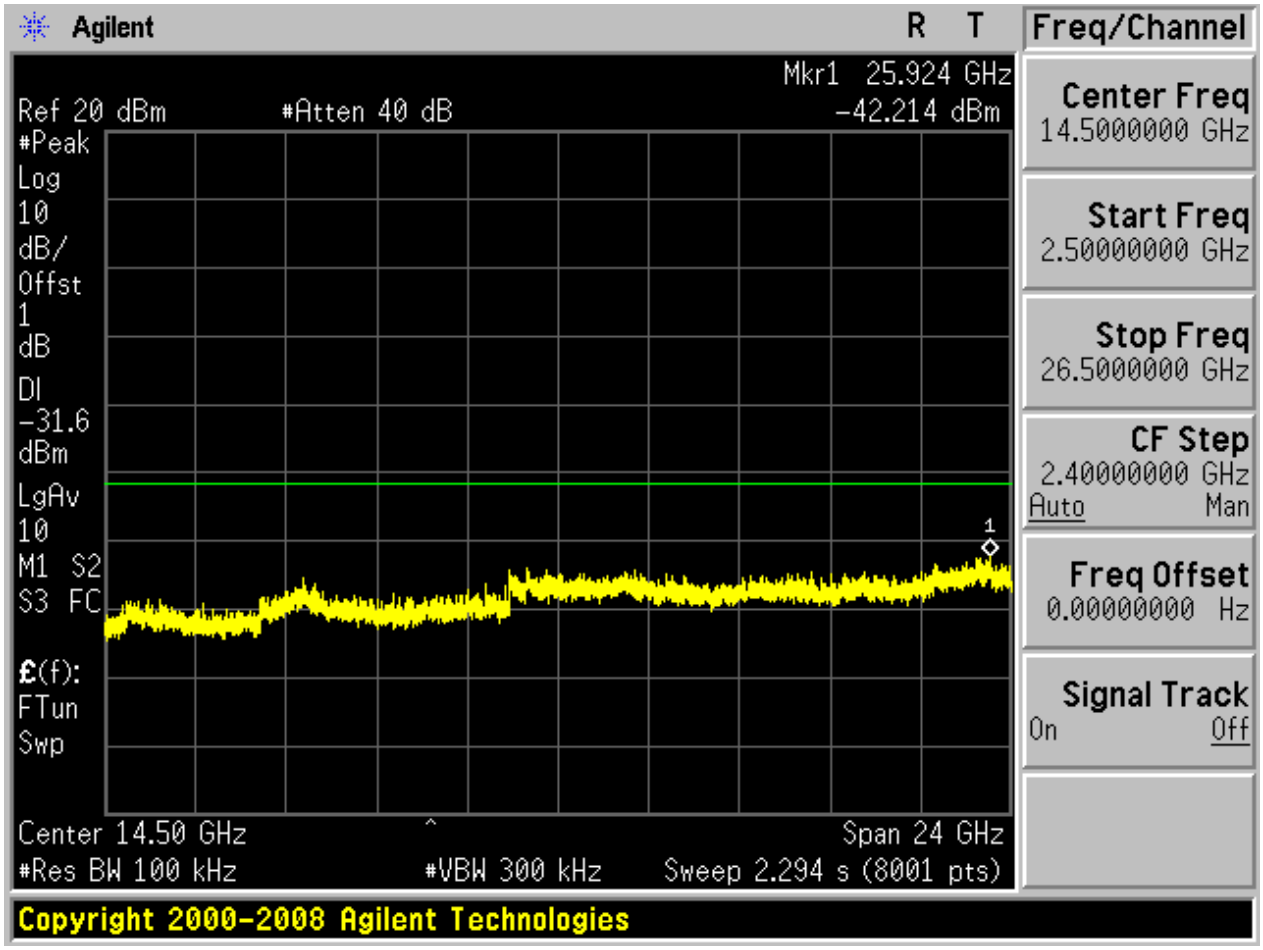
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



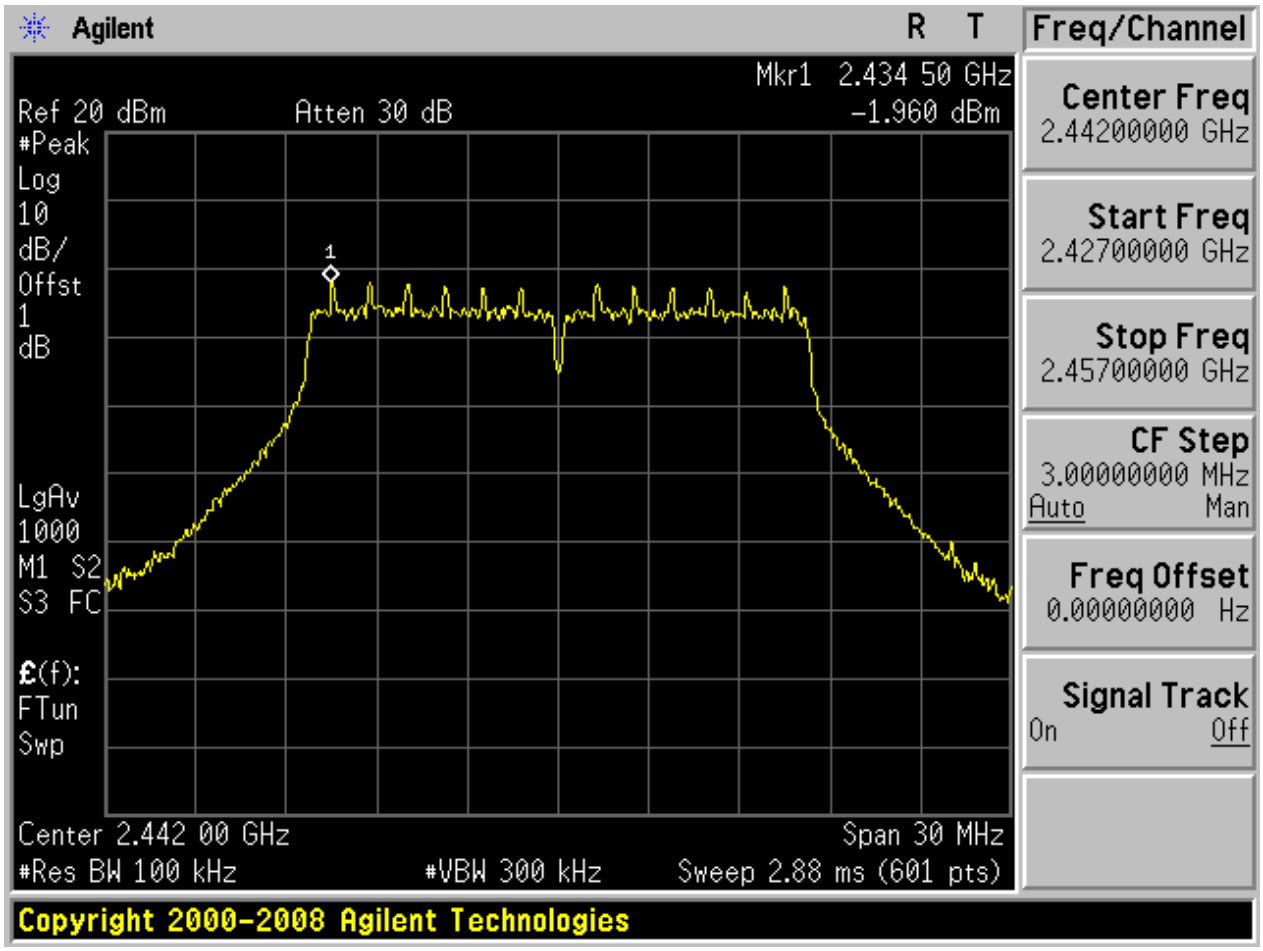
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.

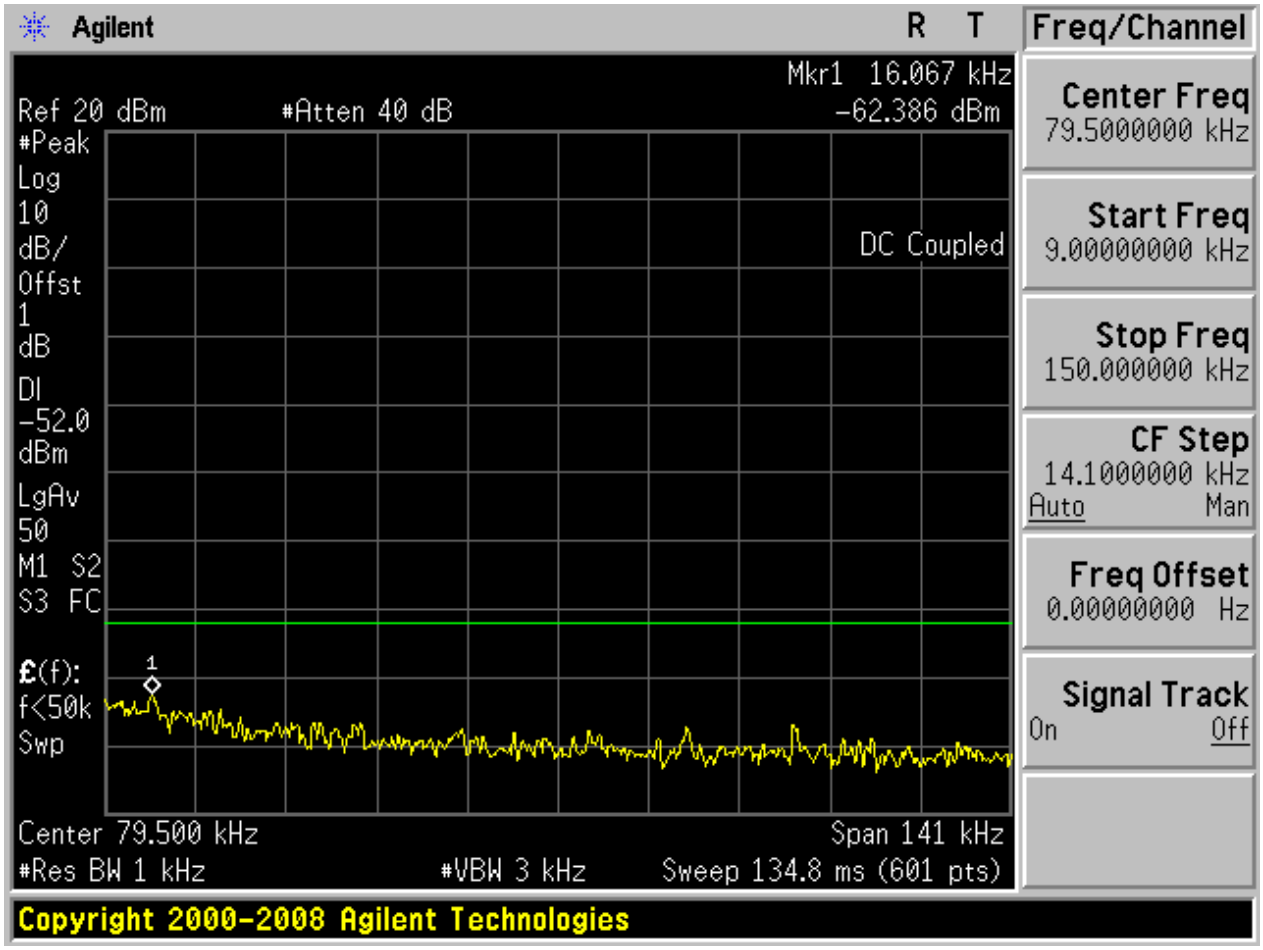
2.6 11G_H@Ant 1

Pref:

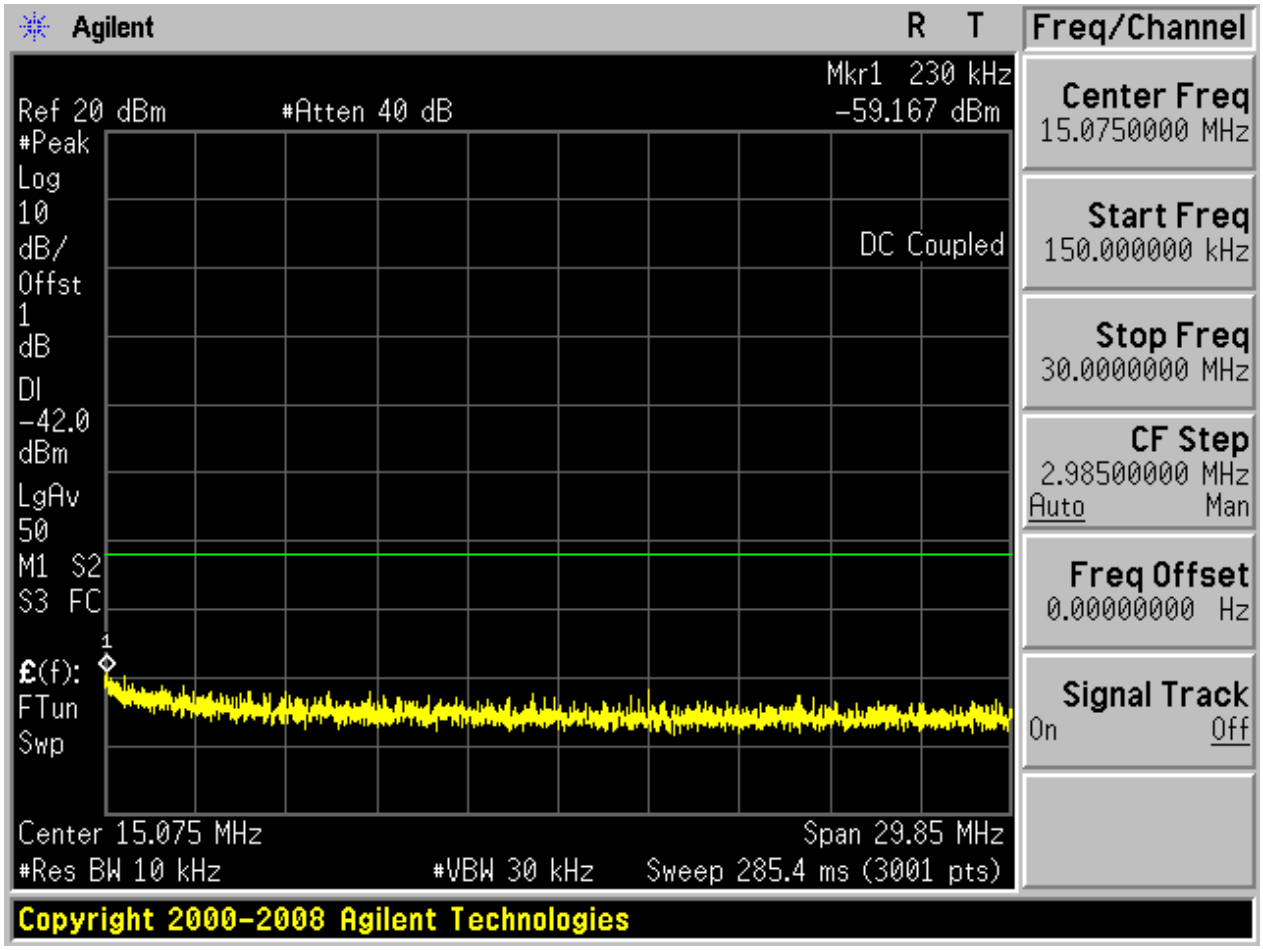


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

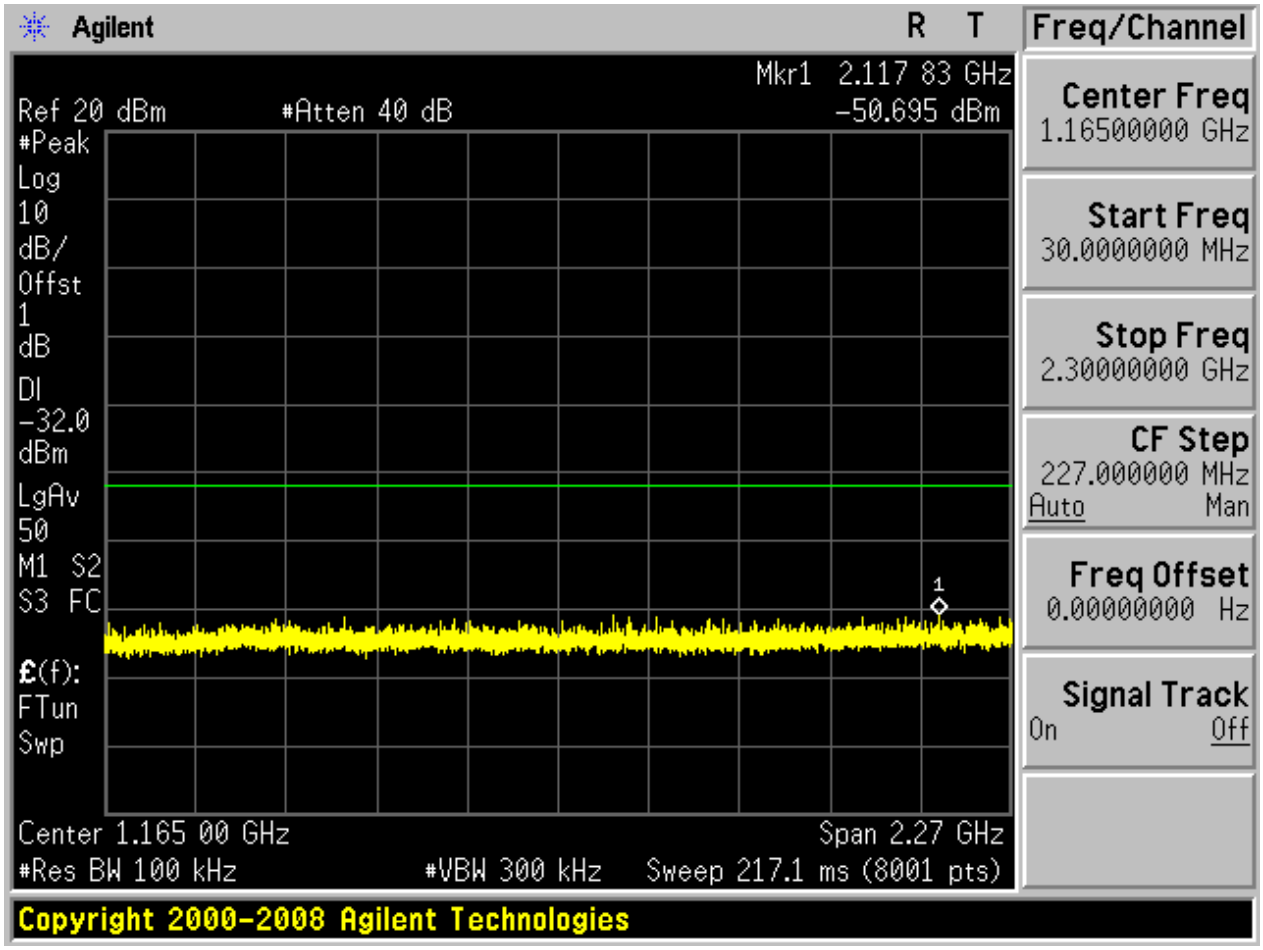
Puw:



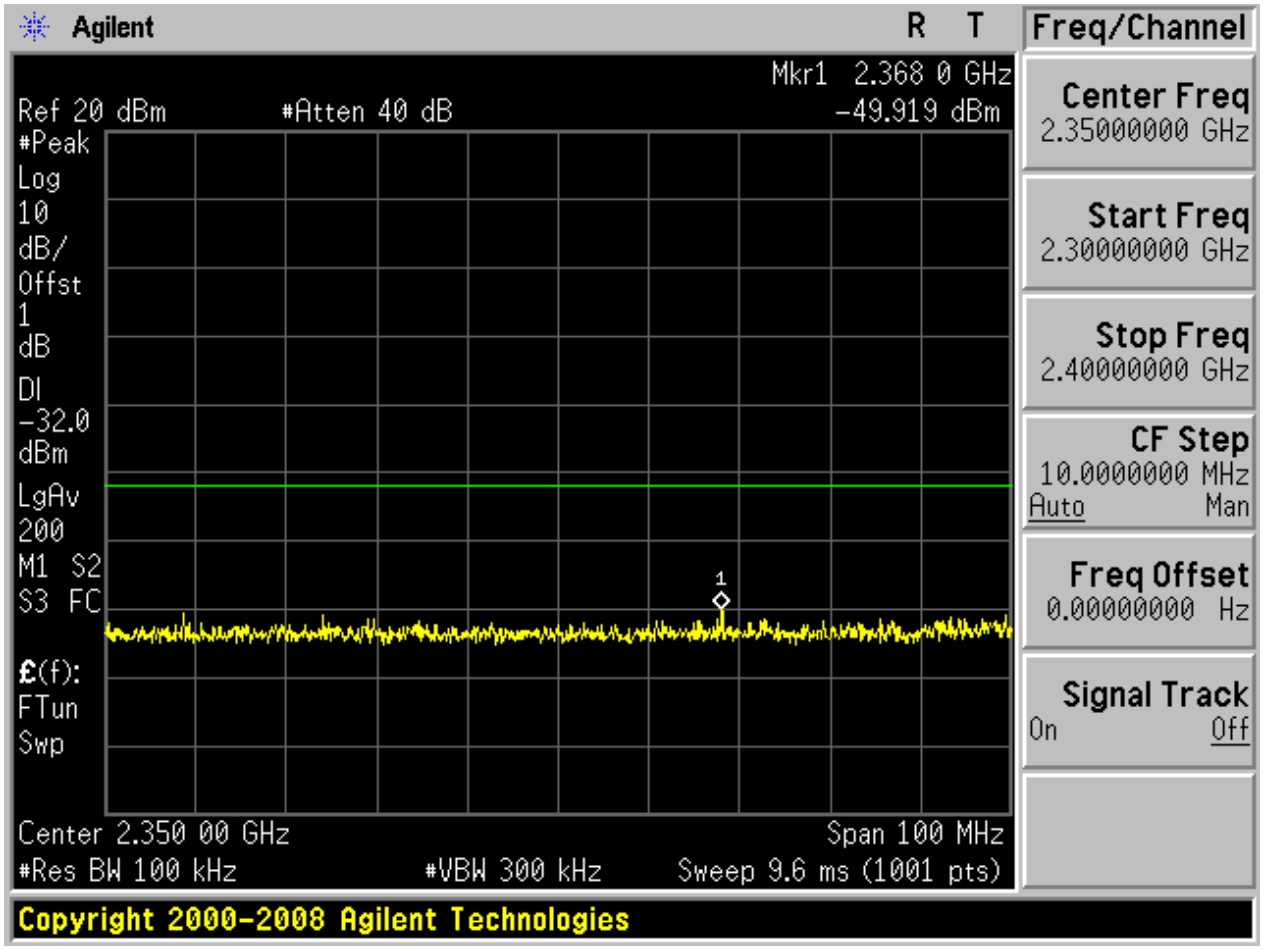
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



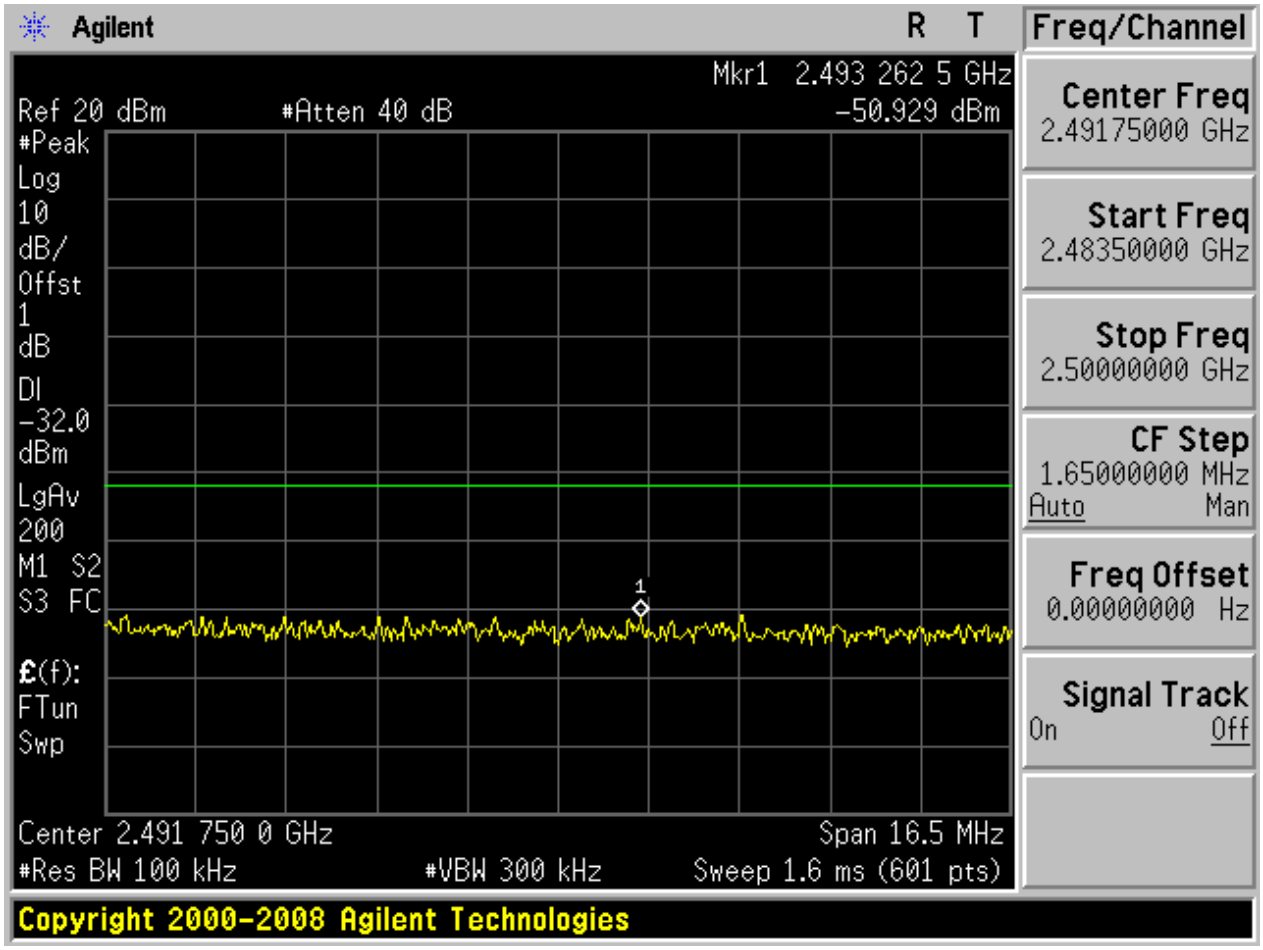
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



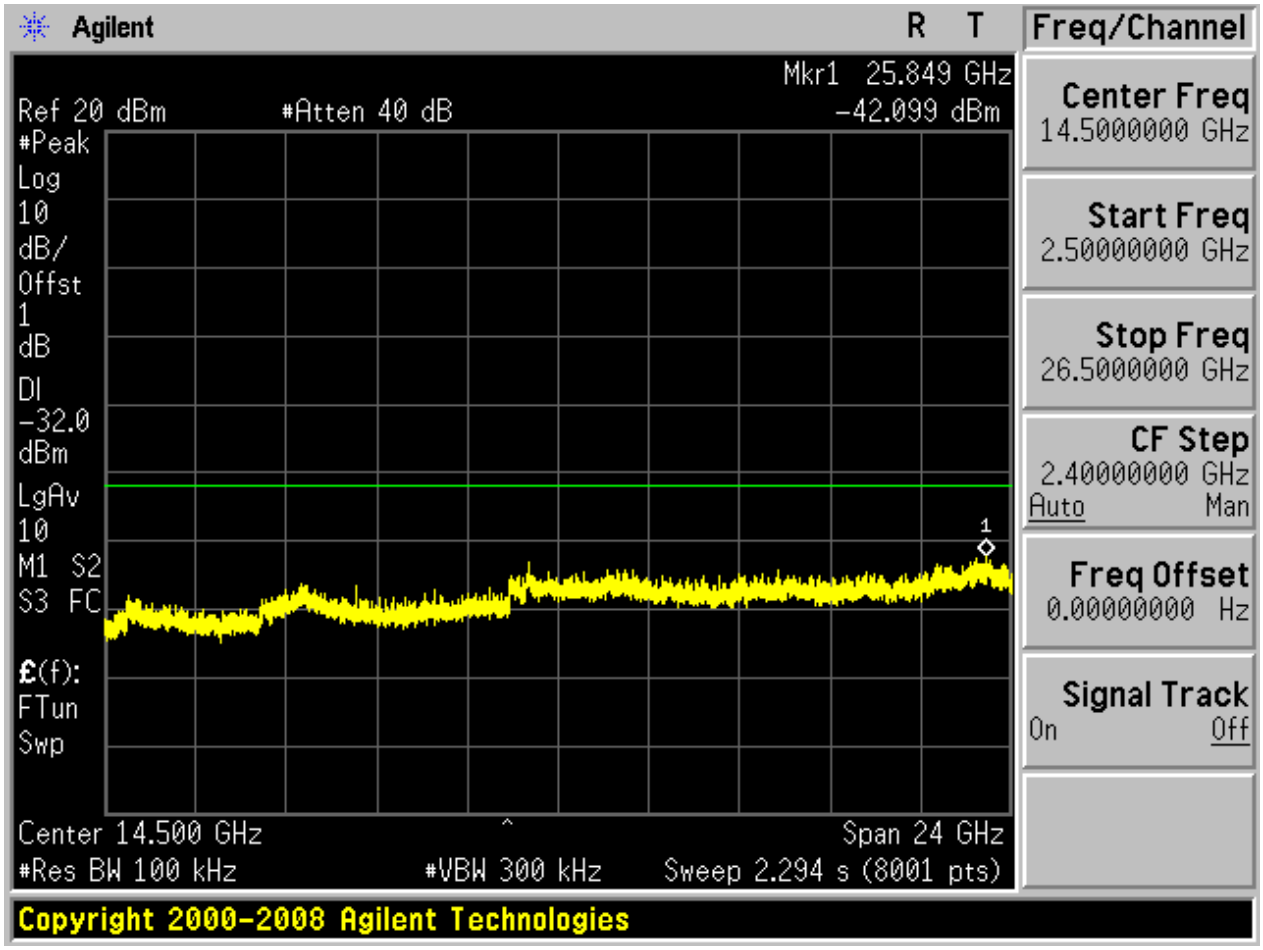
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



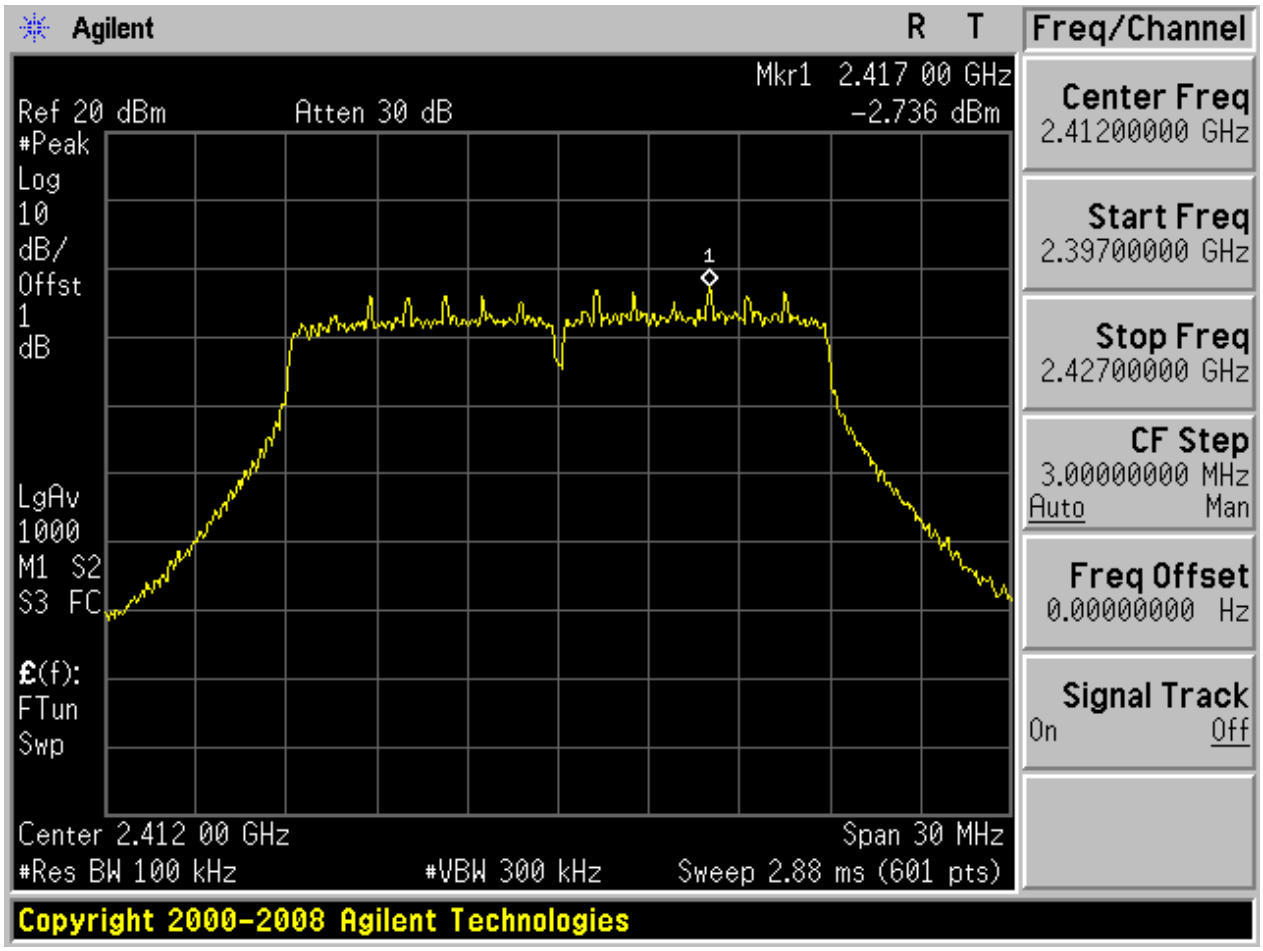
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.

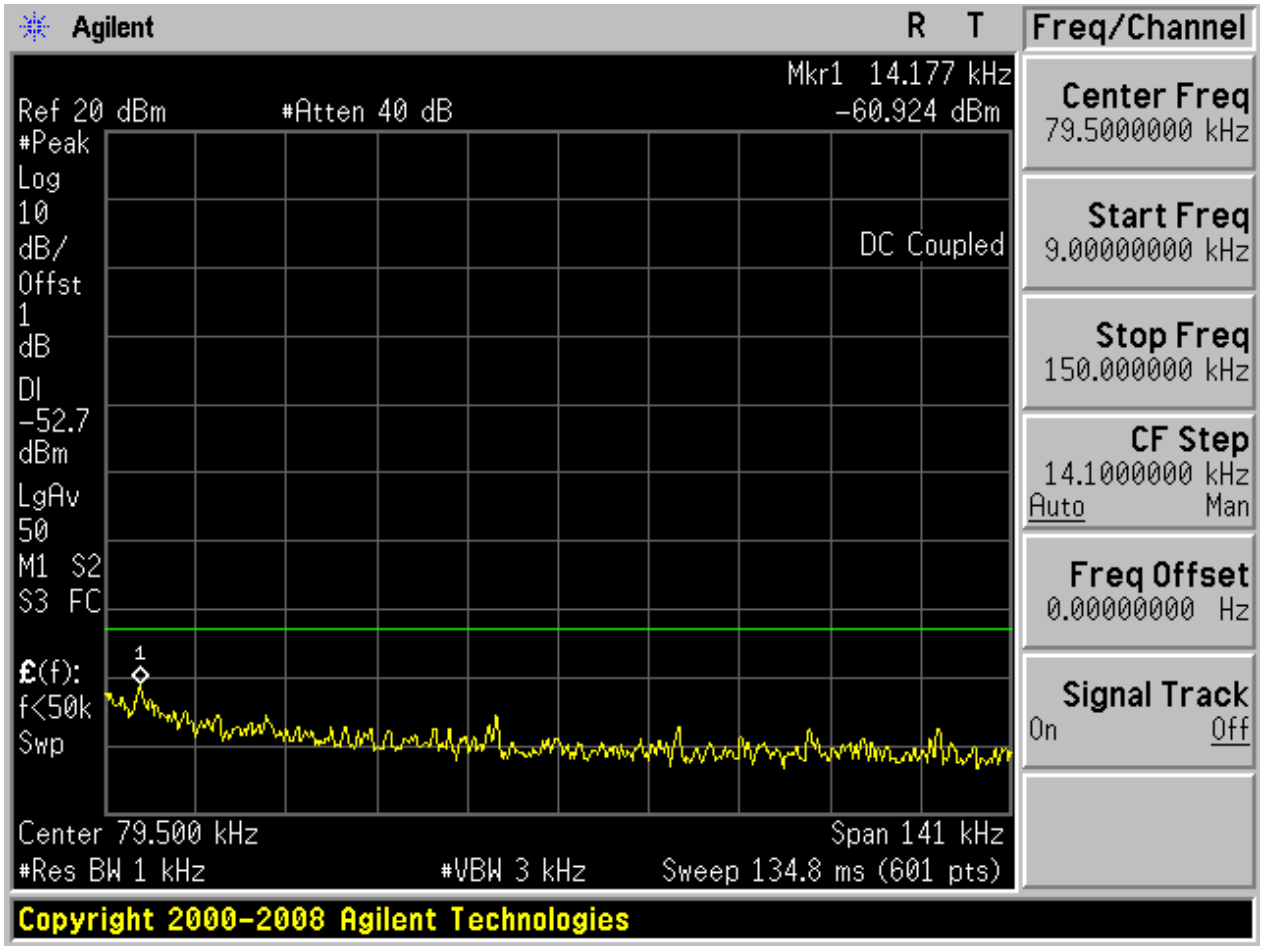
2.7 11N20_L@Ant 1

Pref:

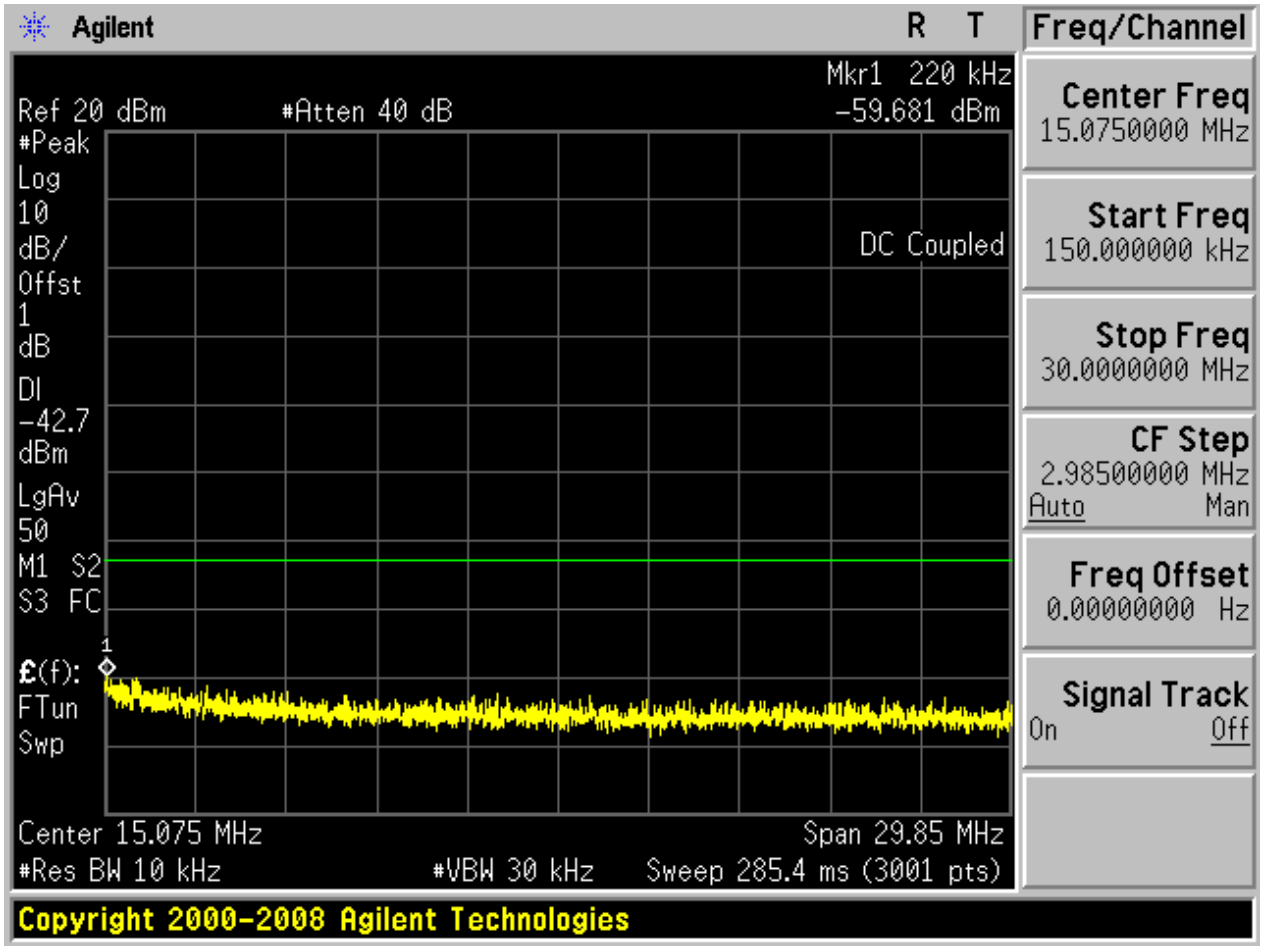


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

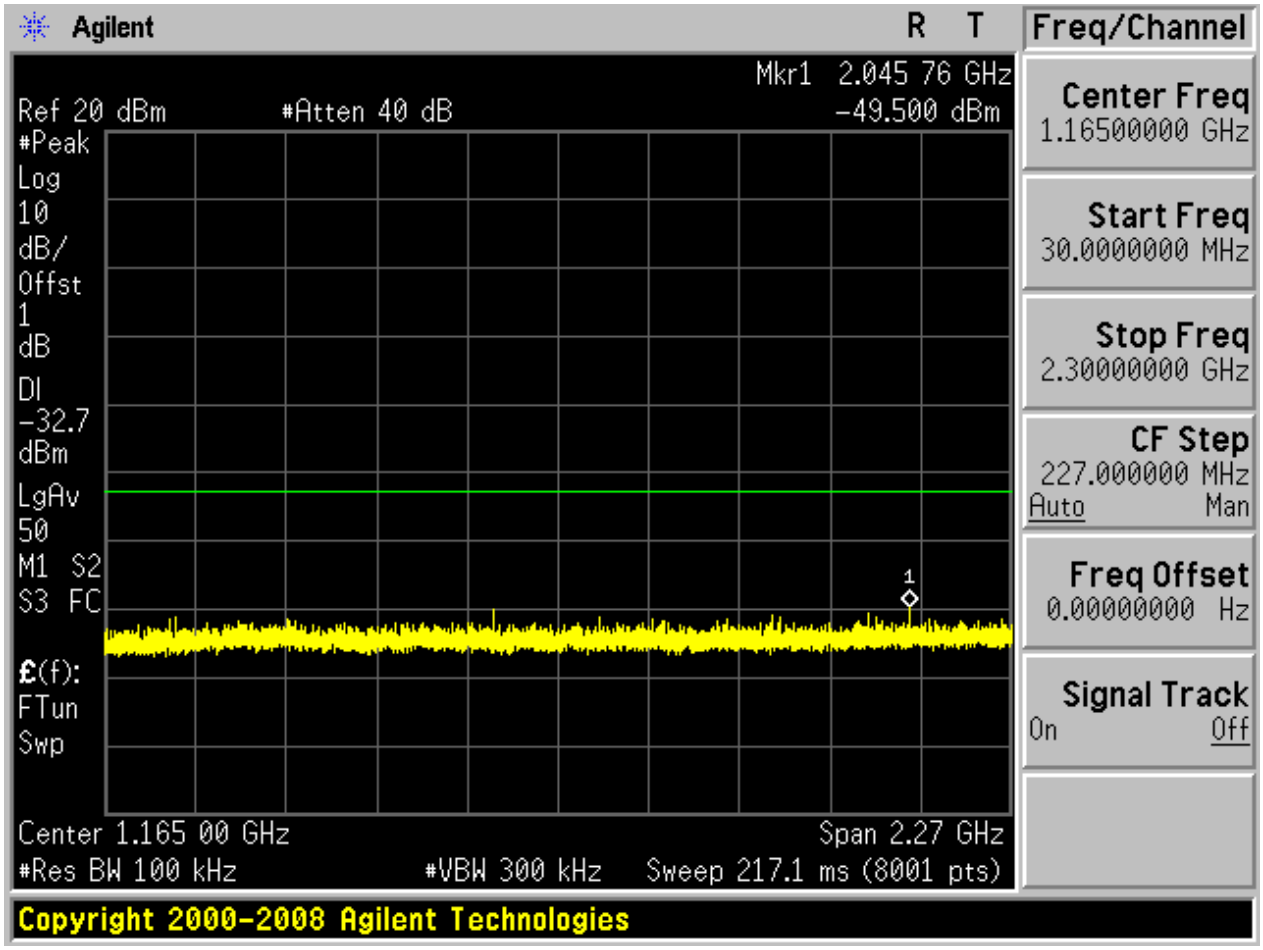
Puw:



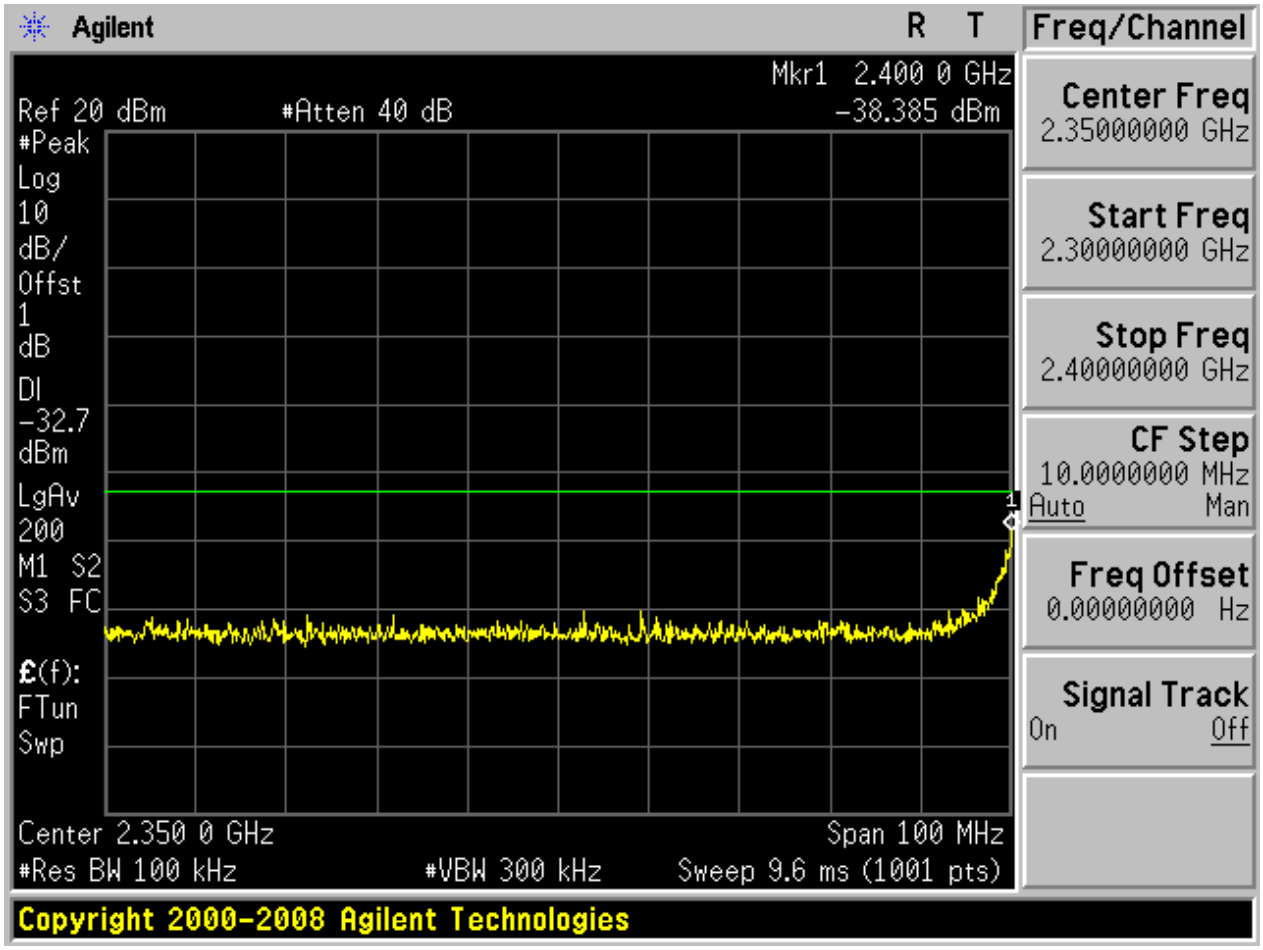
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



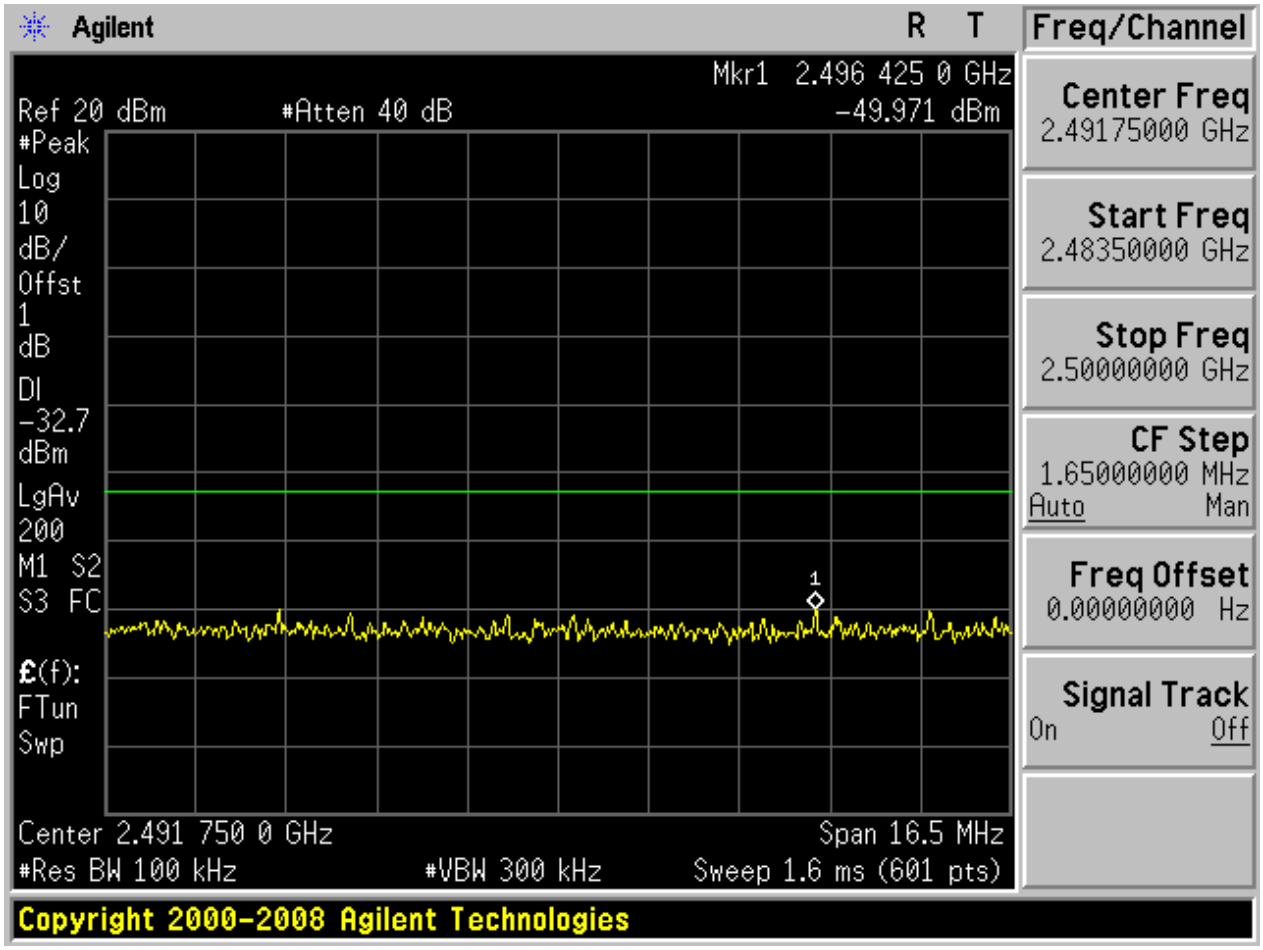
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



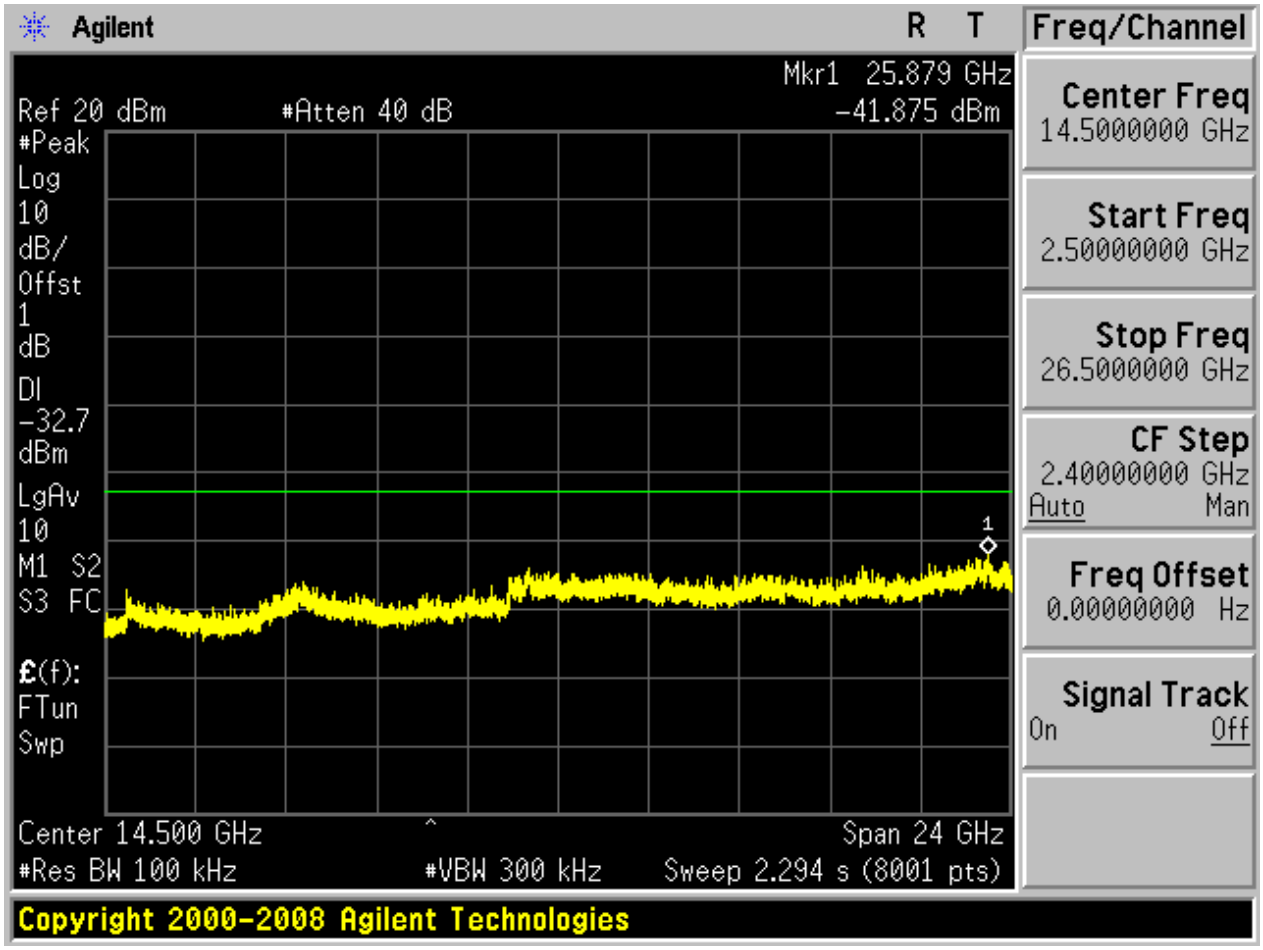
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



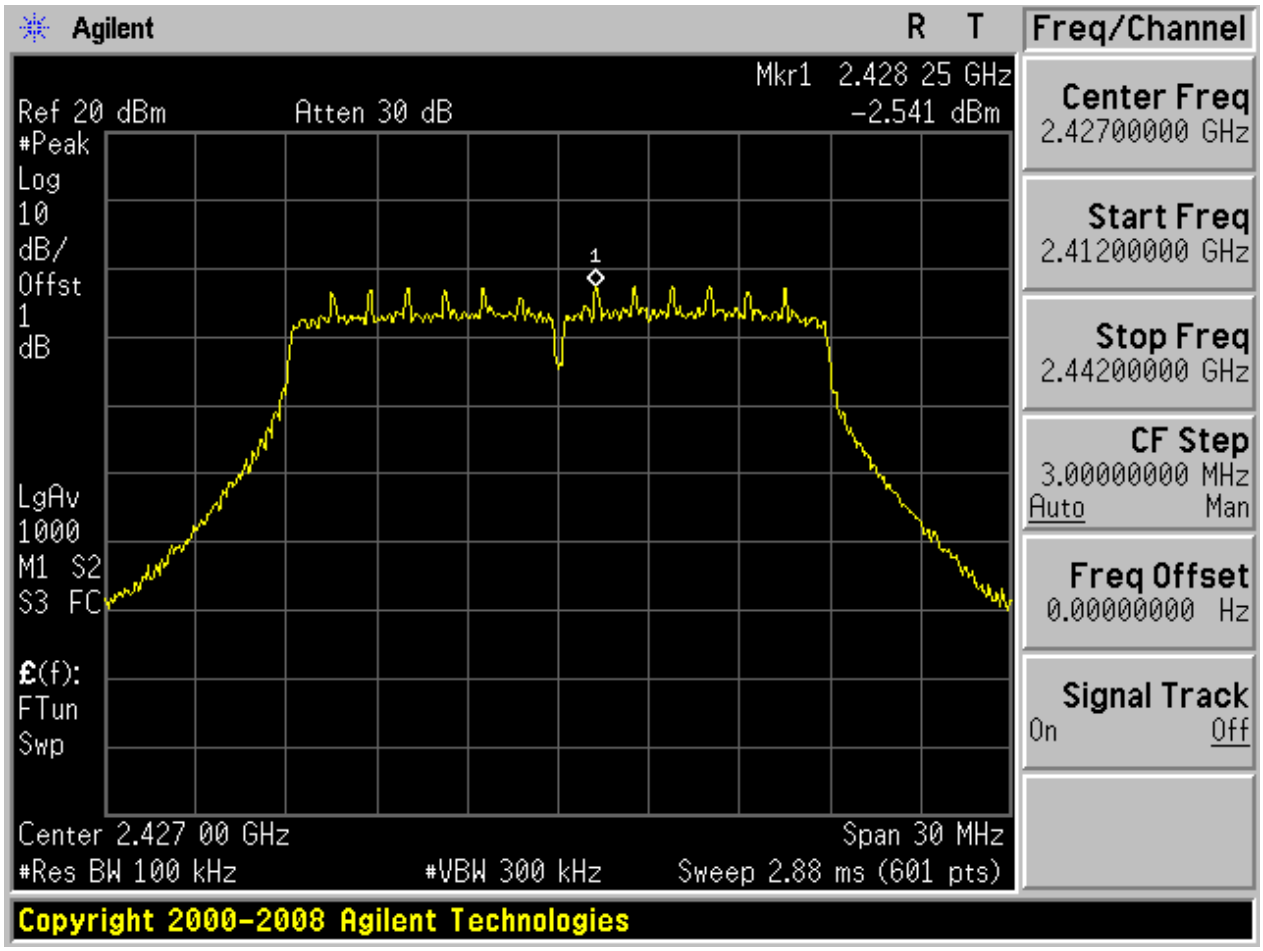
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.

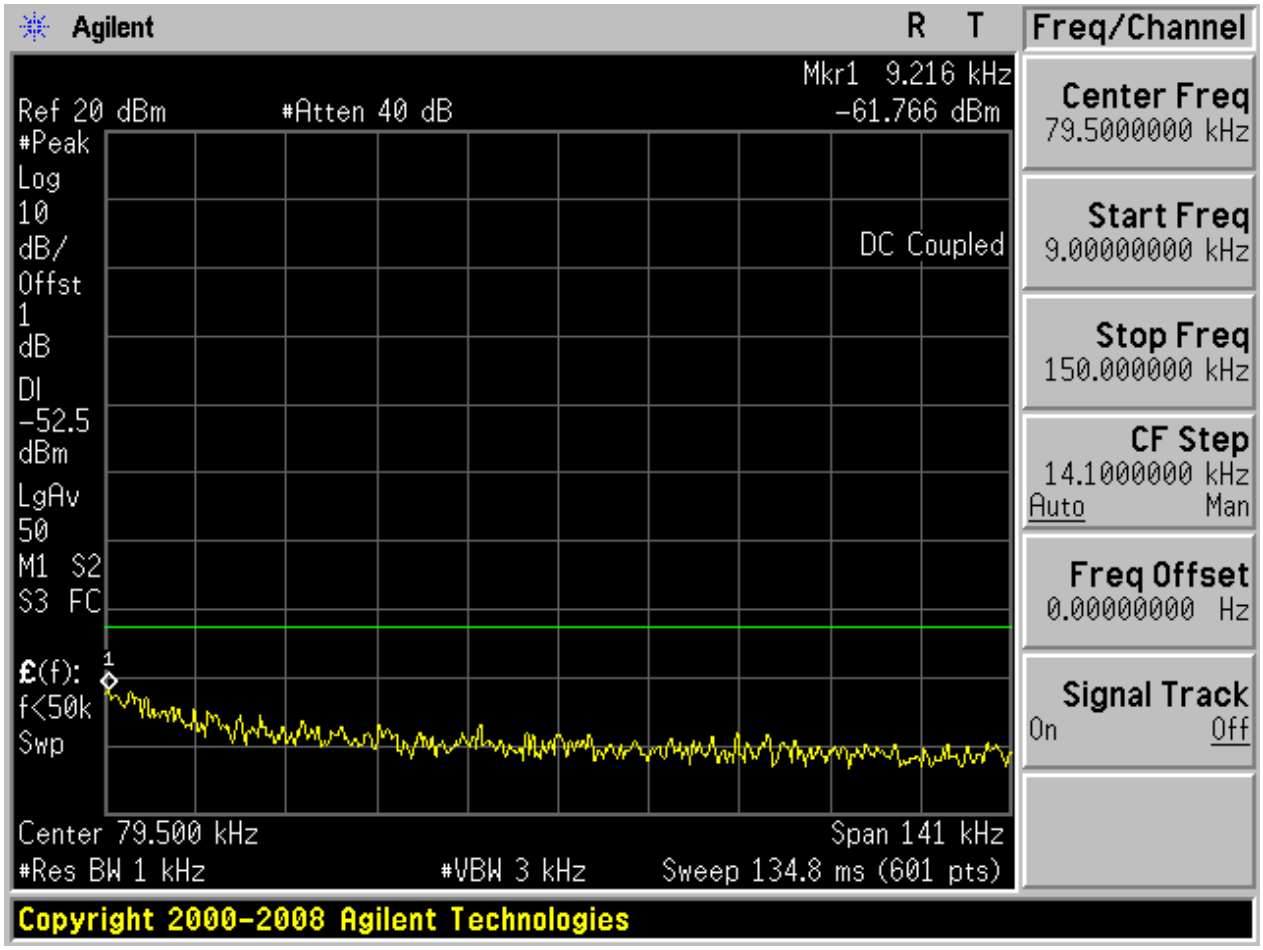
2.8 11N20_M@Ant 1

Pref:

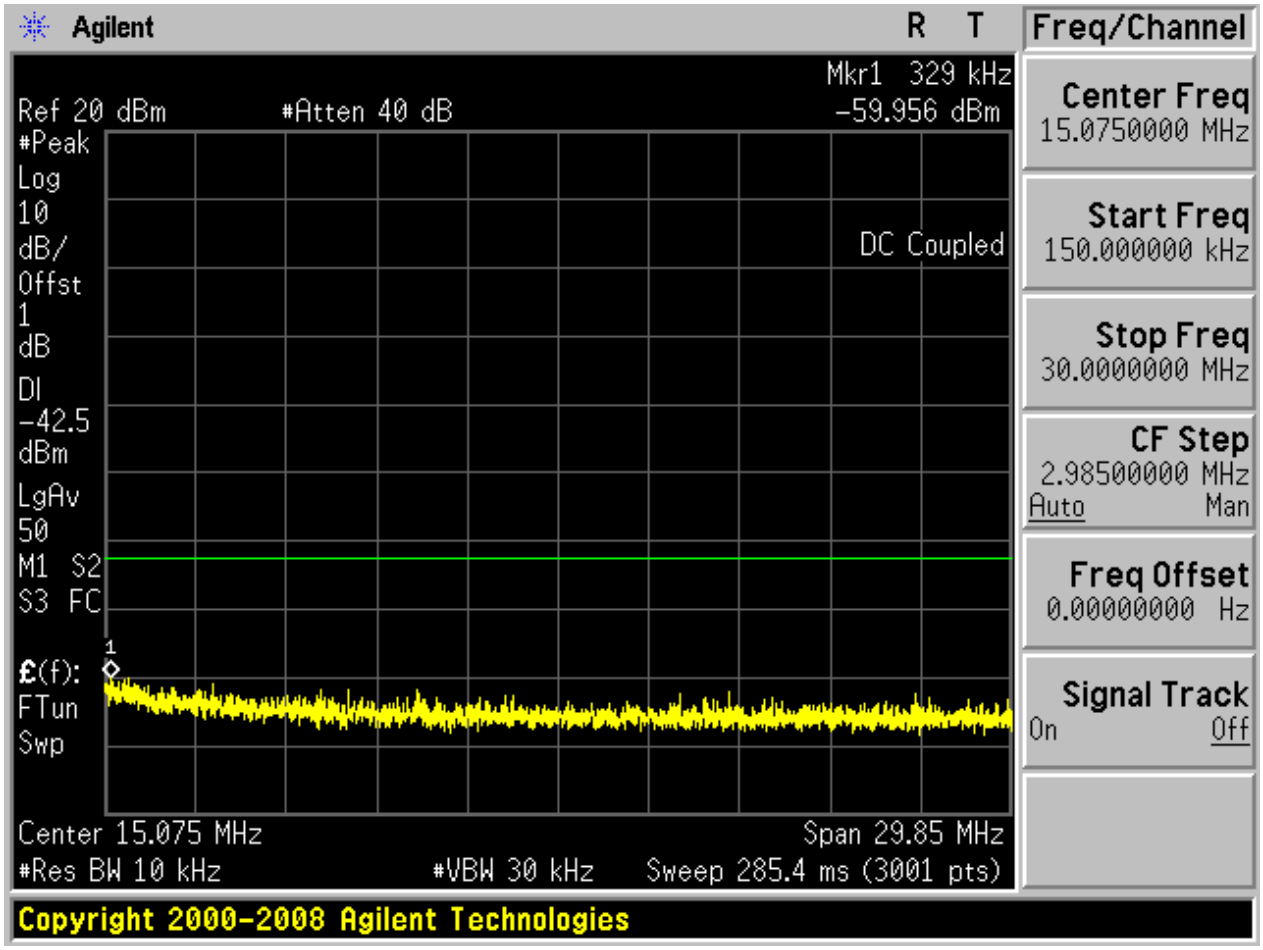


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

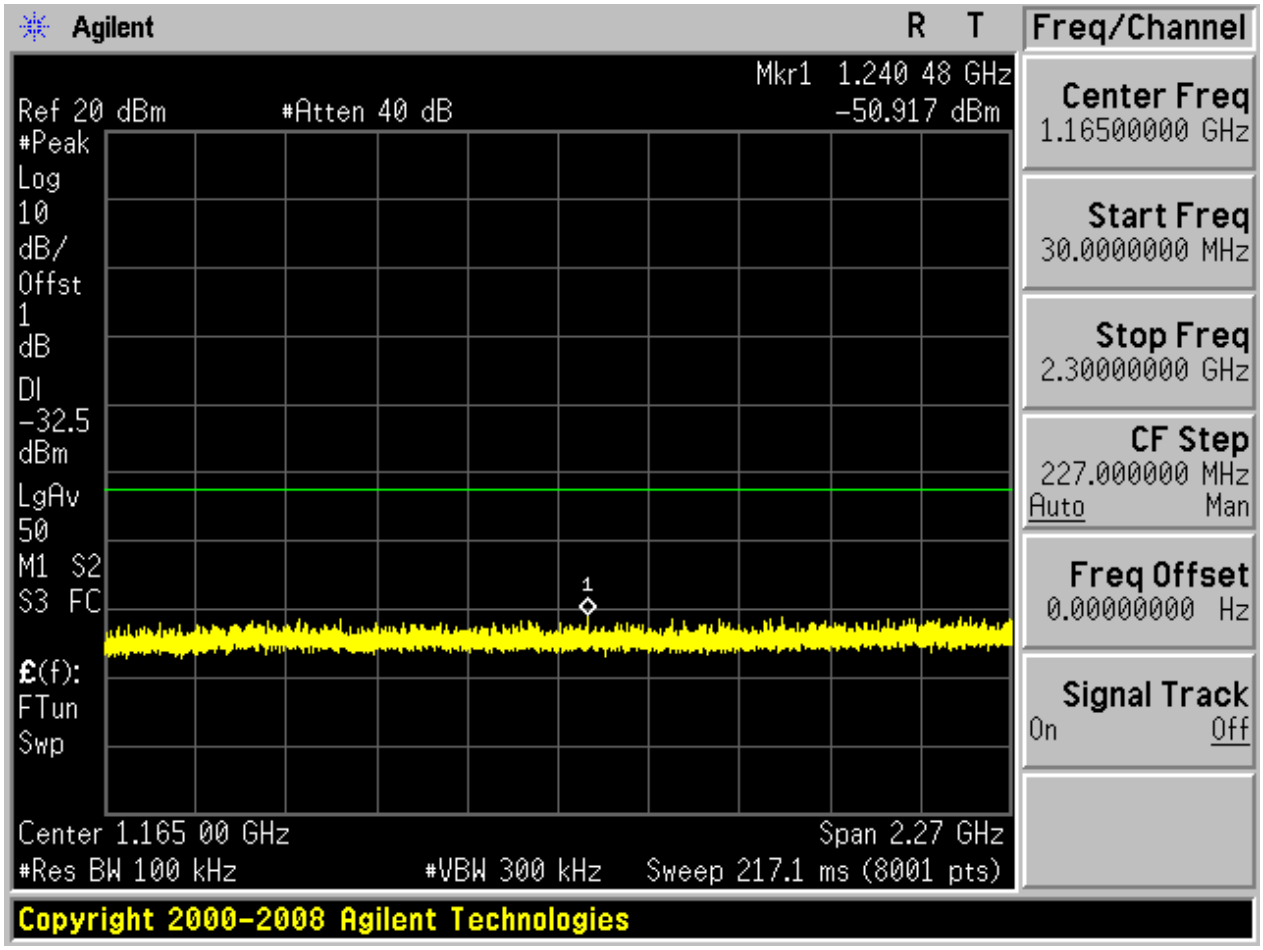
Puw:



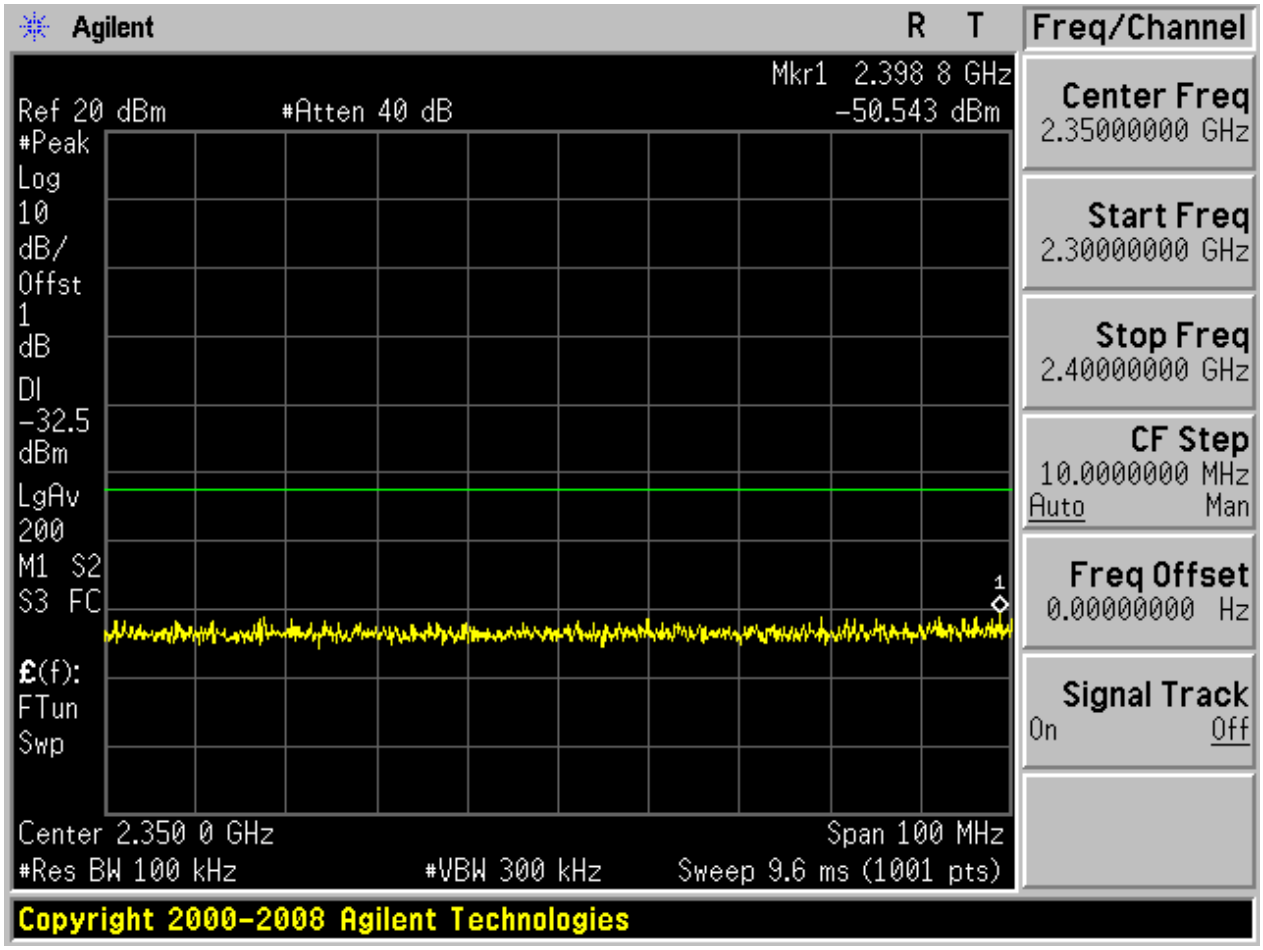
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



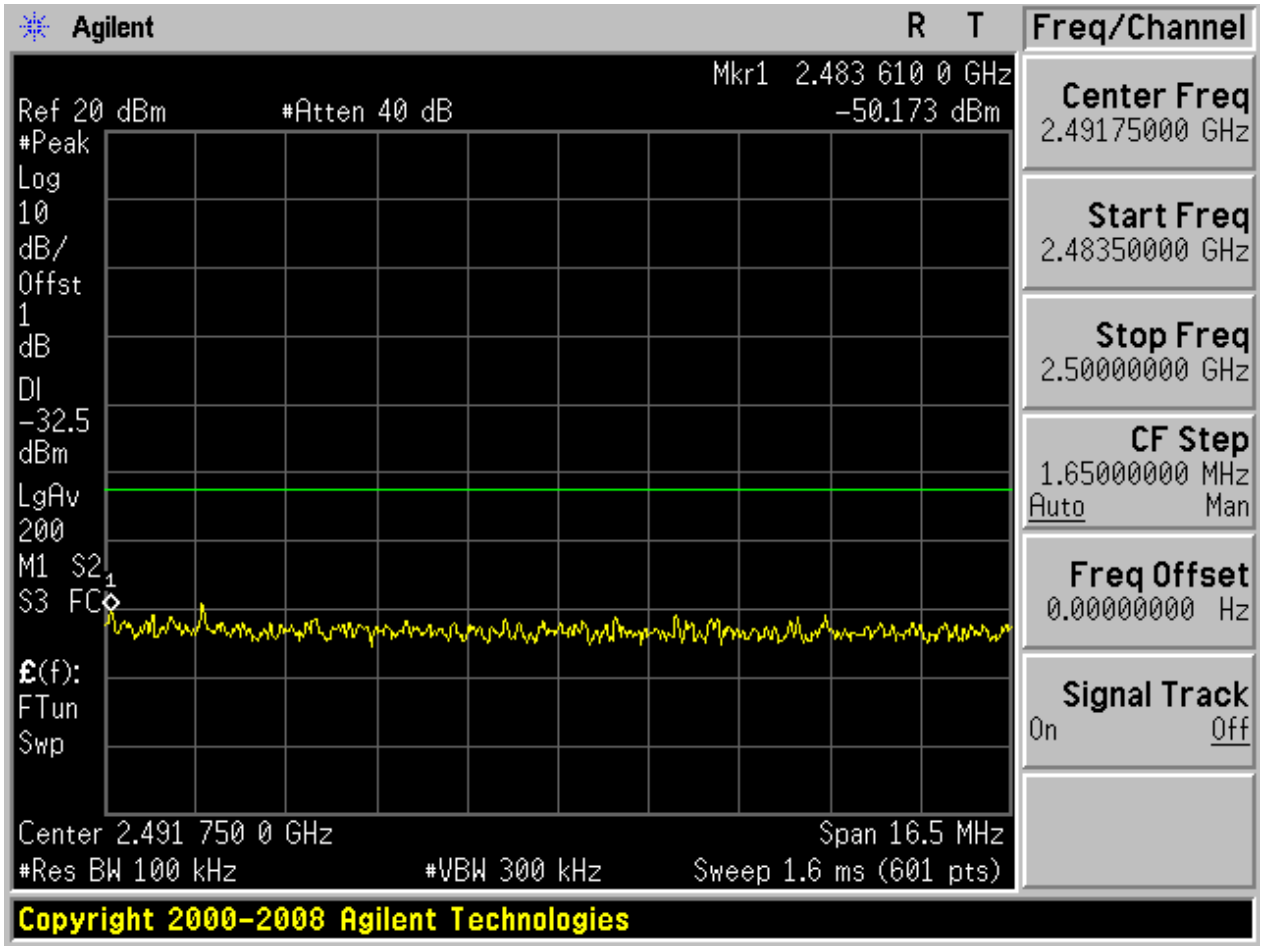
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



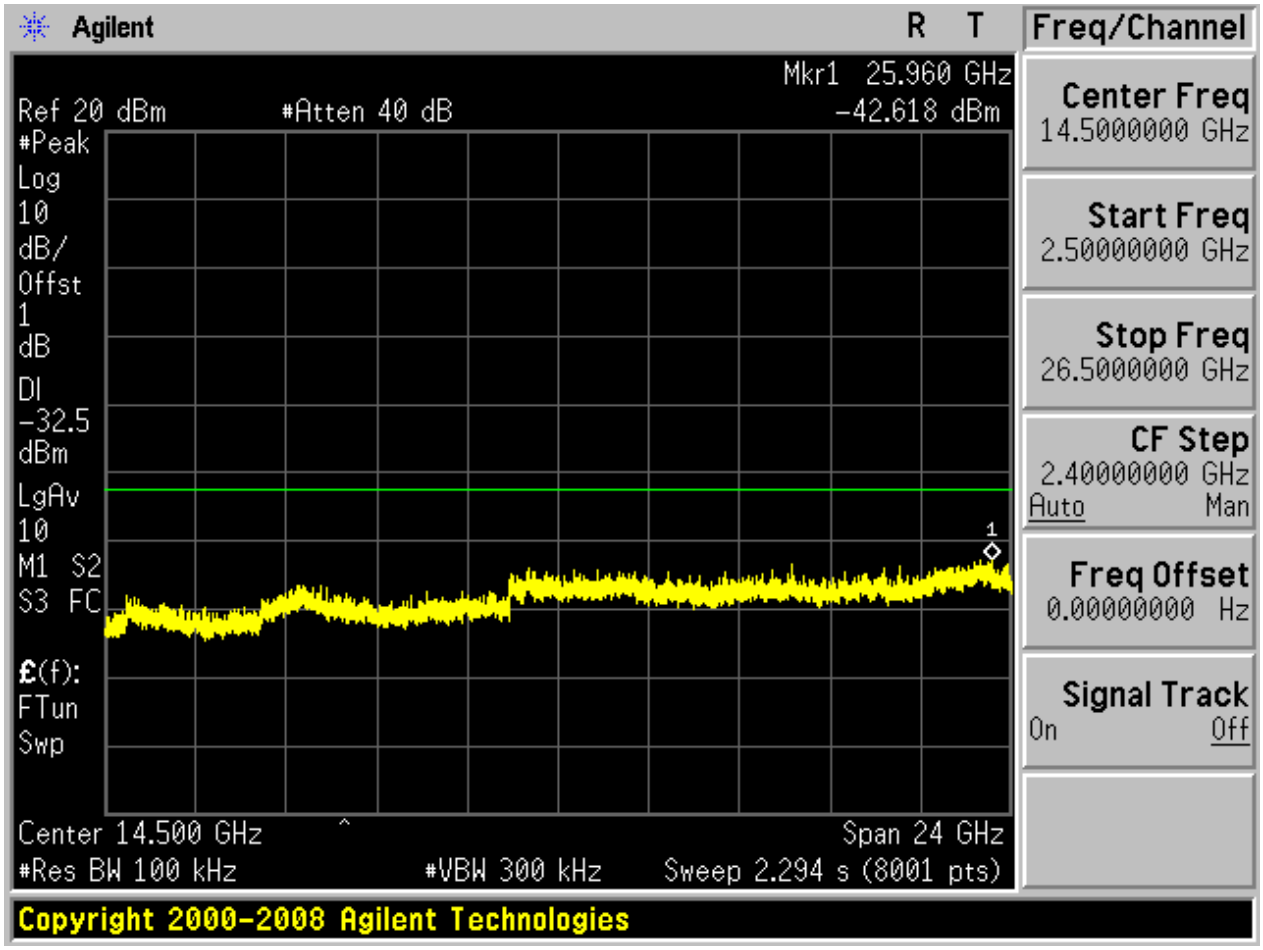
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.



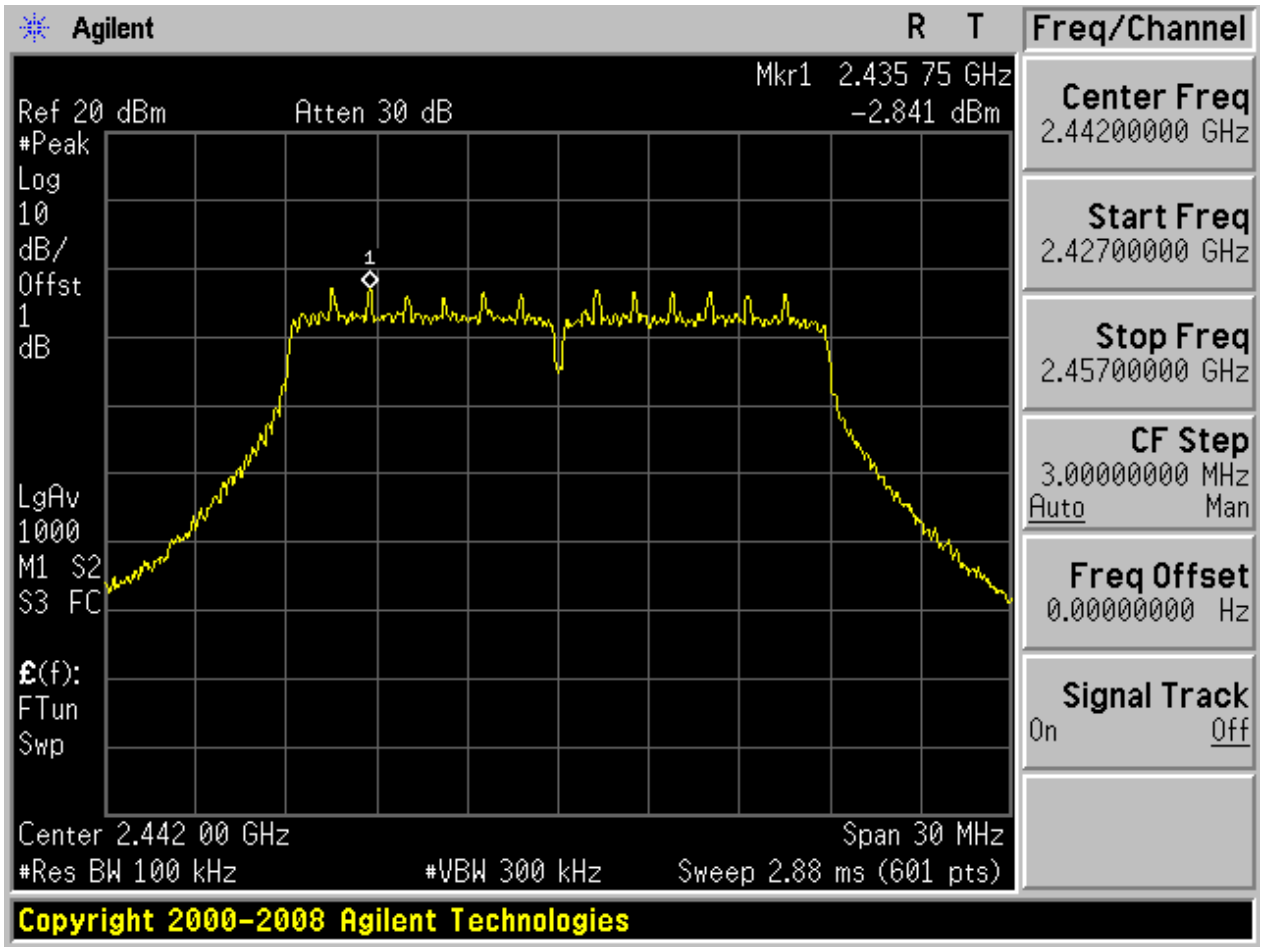
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.

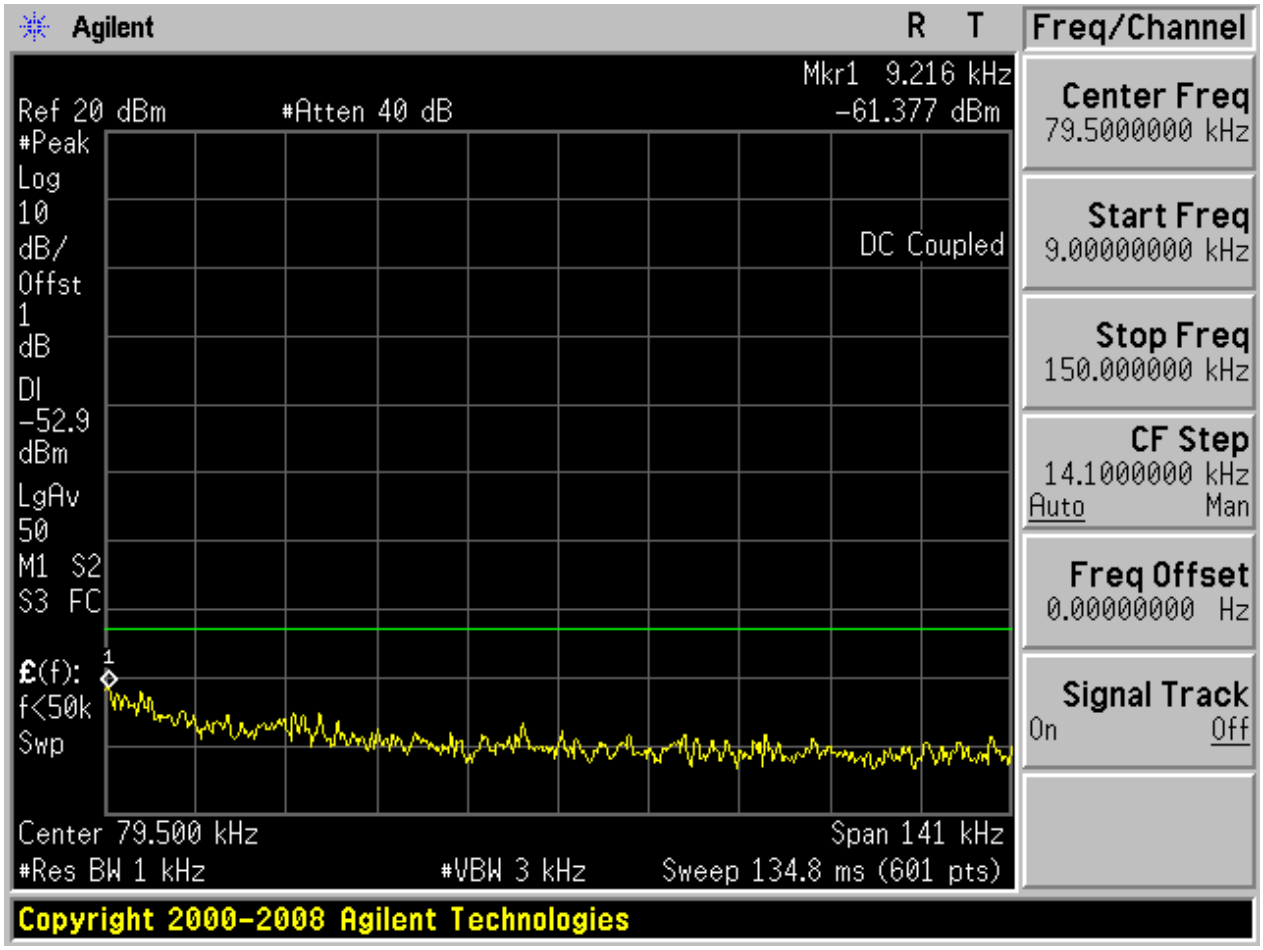
2.9 11N20_H@Ant 1

Pref:

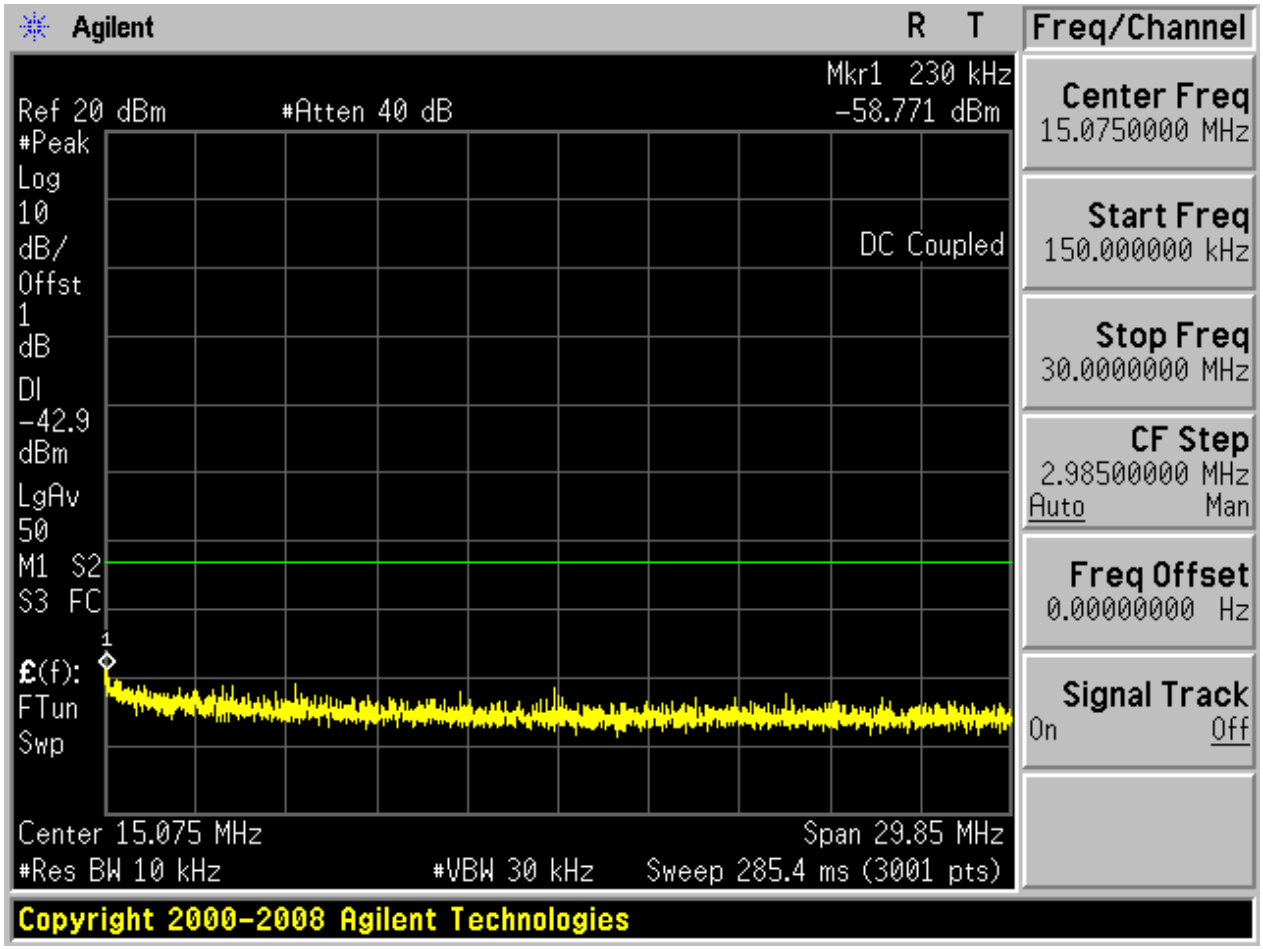


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

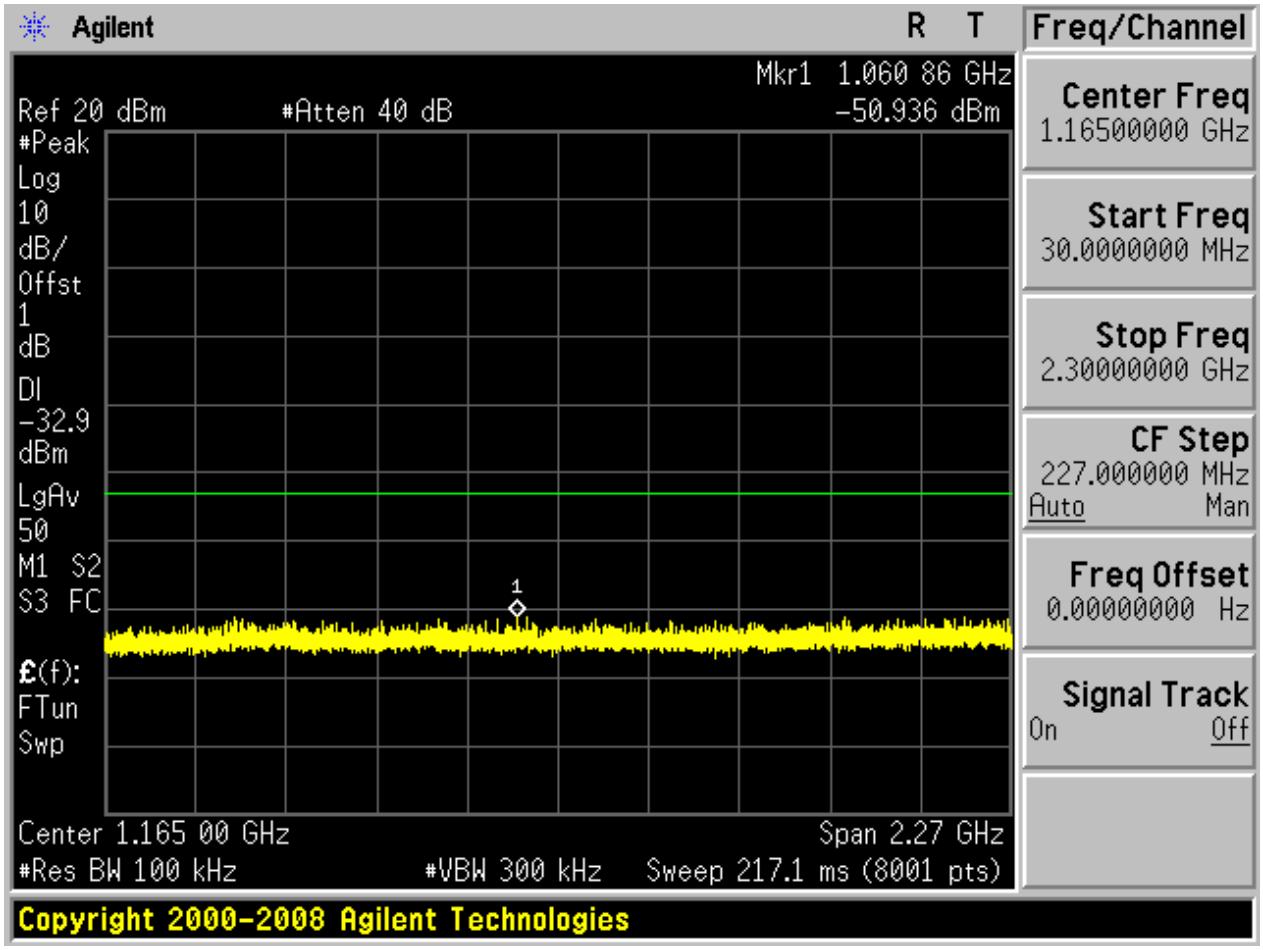
Puw:



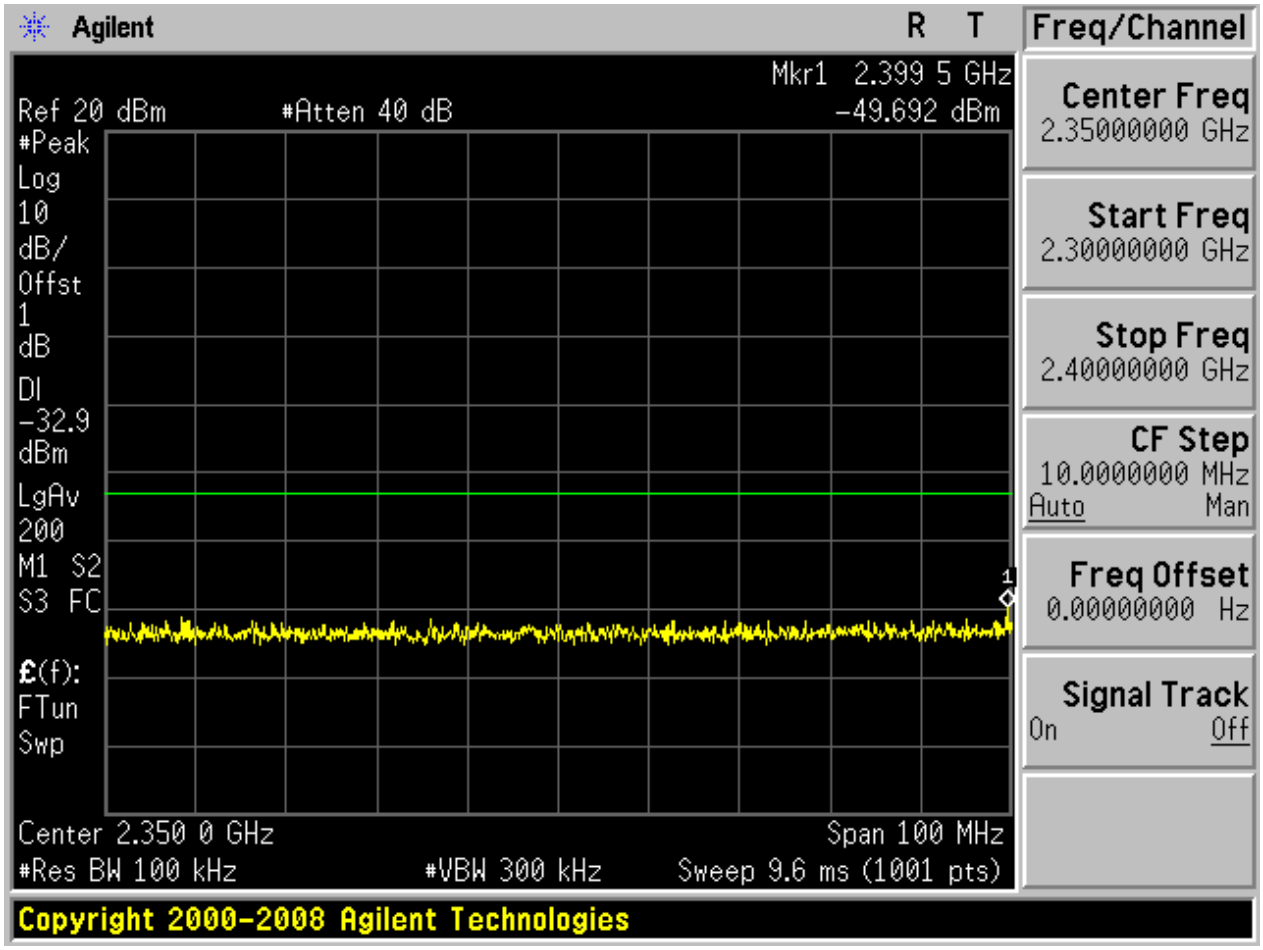
Copyright © Huawei Technologies Co., Ltd.



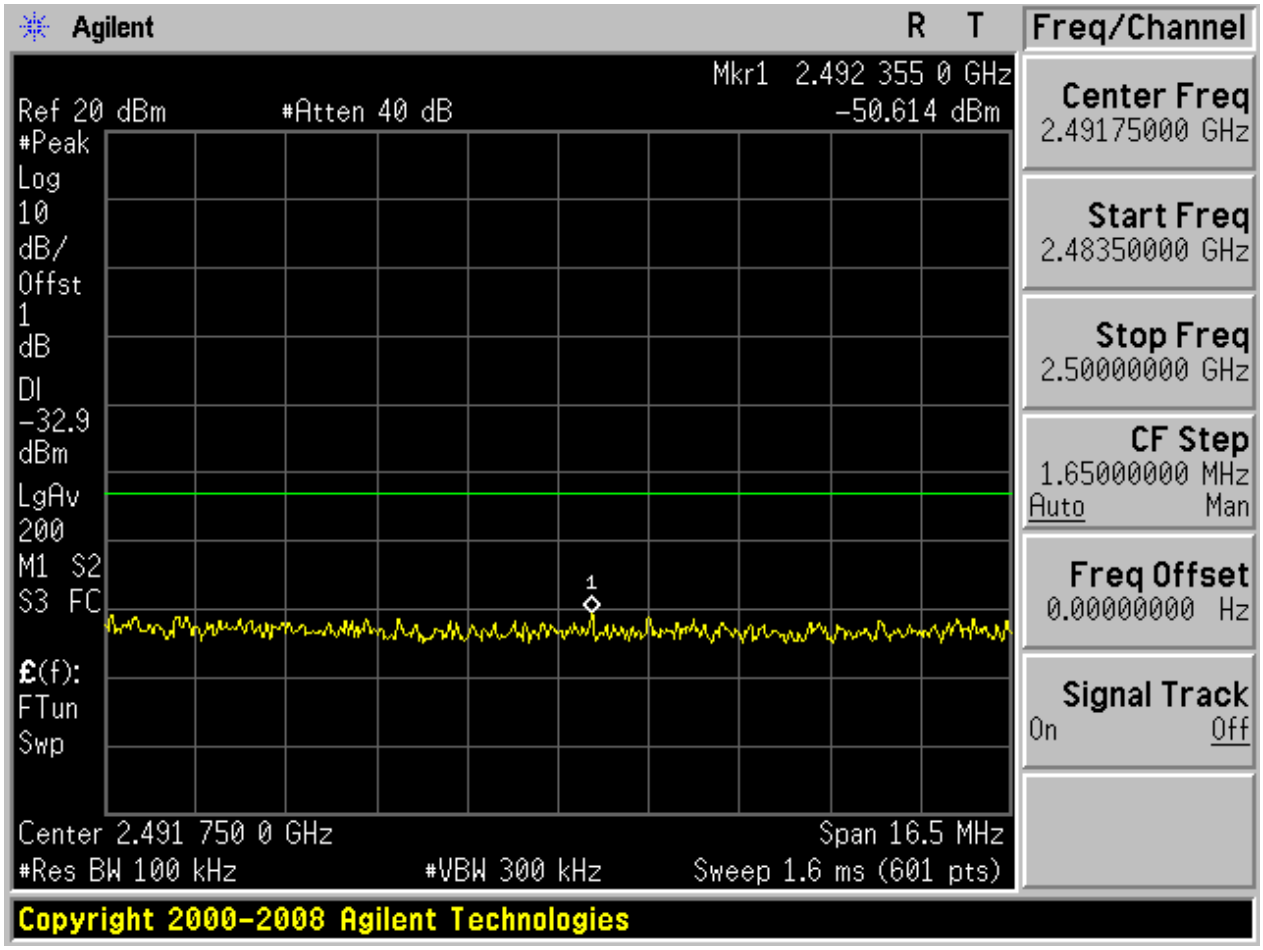
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



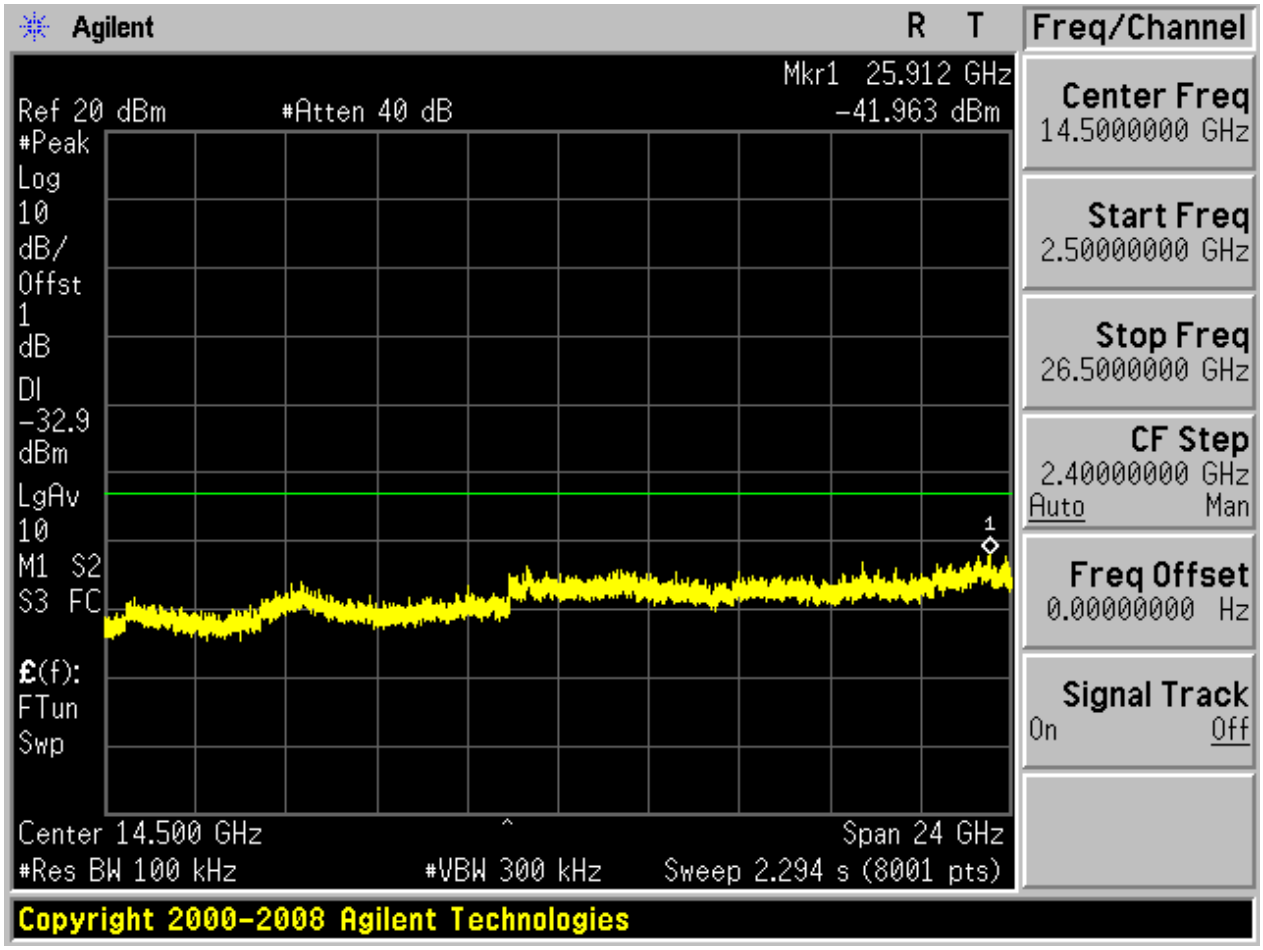
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



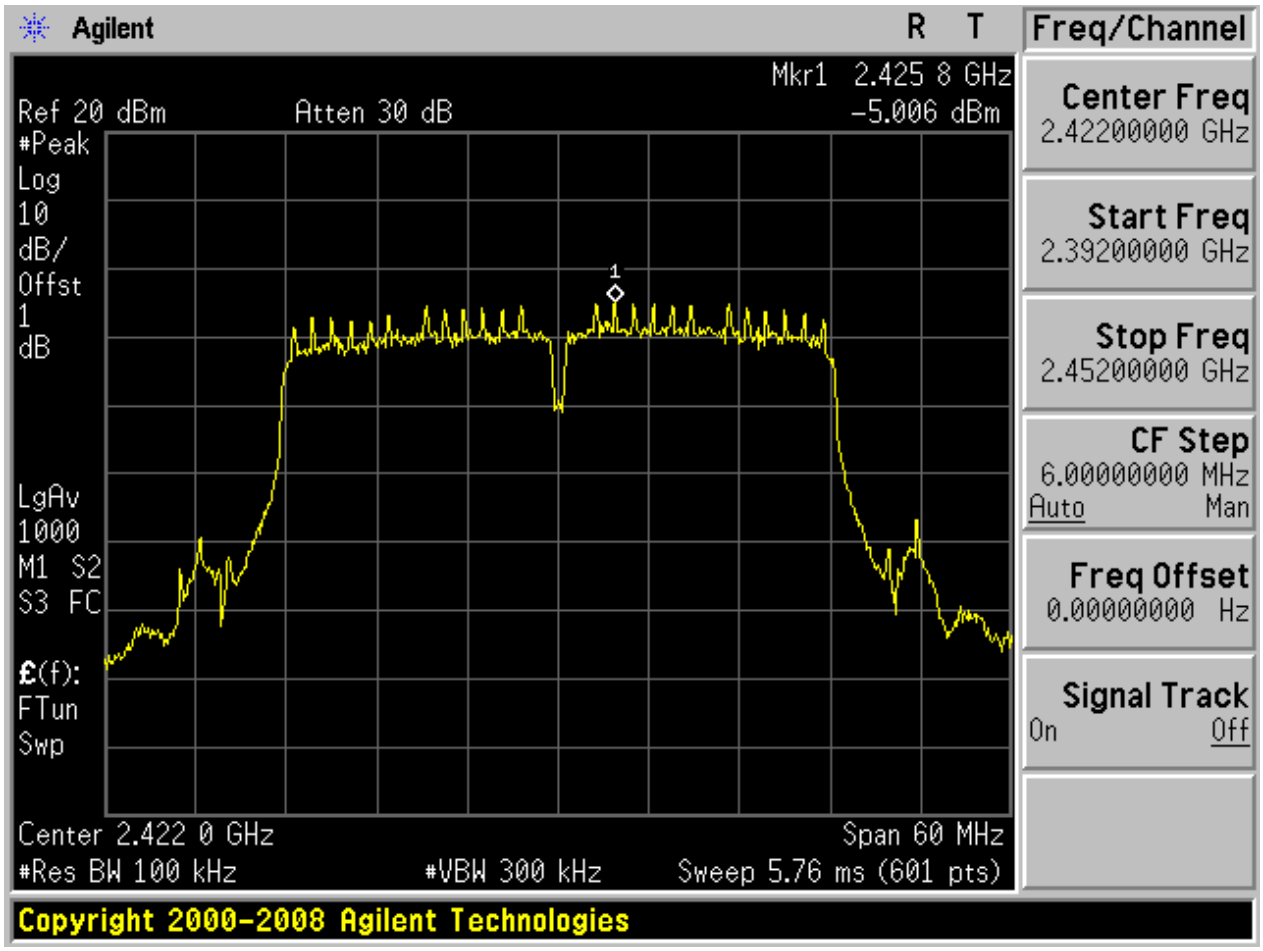
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.

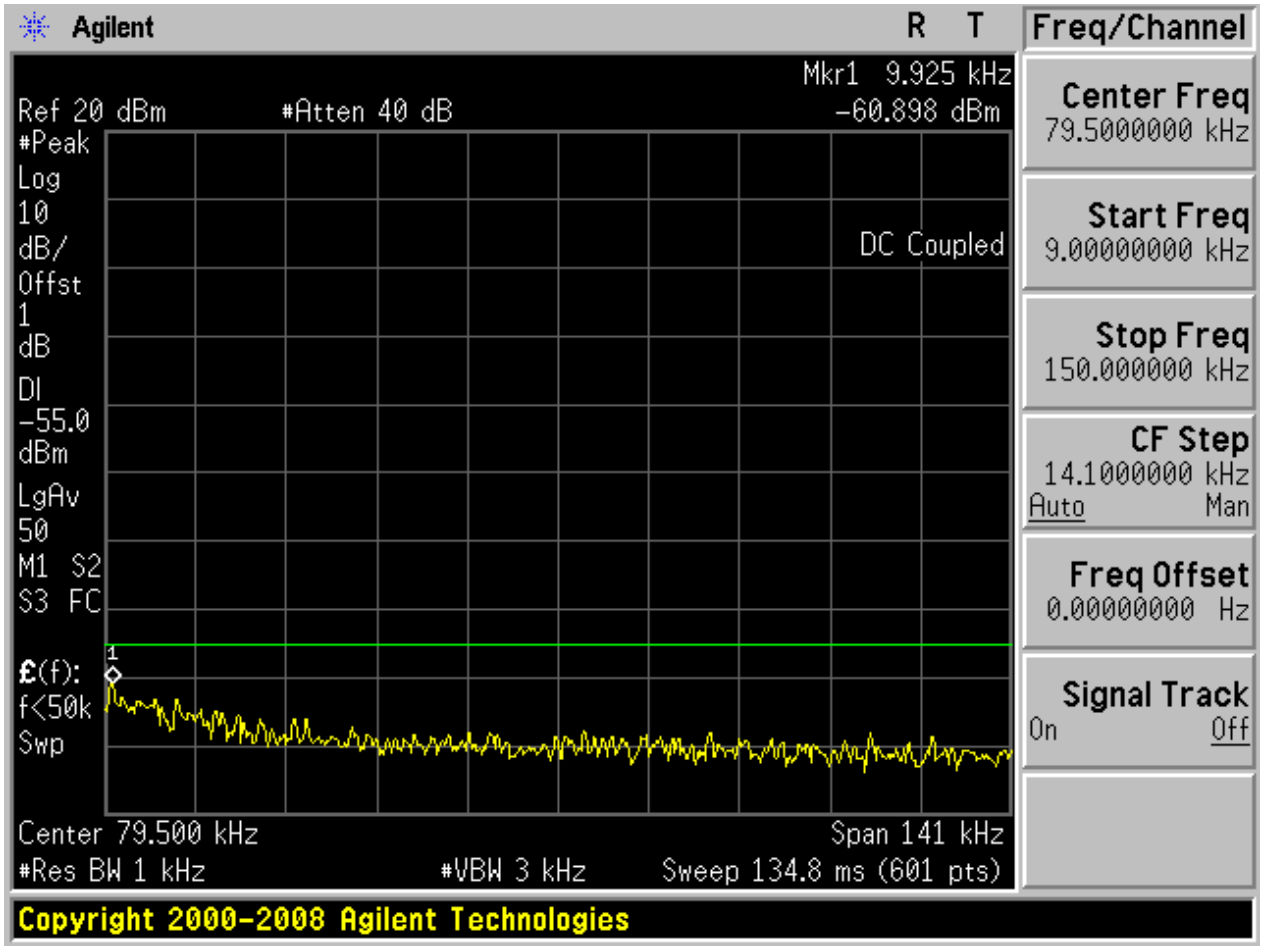
2.10 11N40_L@Ant 1

Pref:

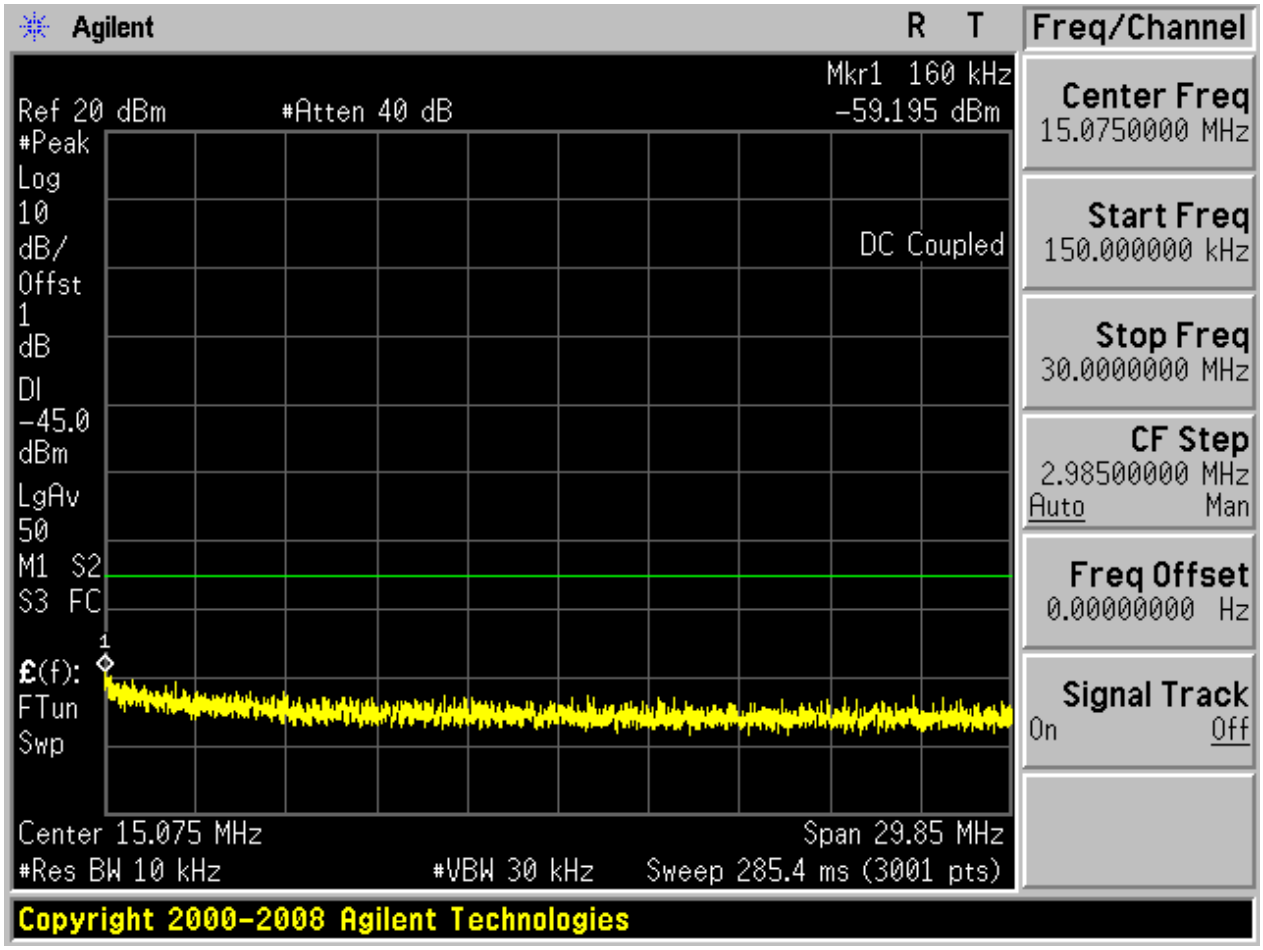


Copyright © Huawei Technologies Co., Ltd.

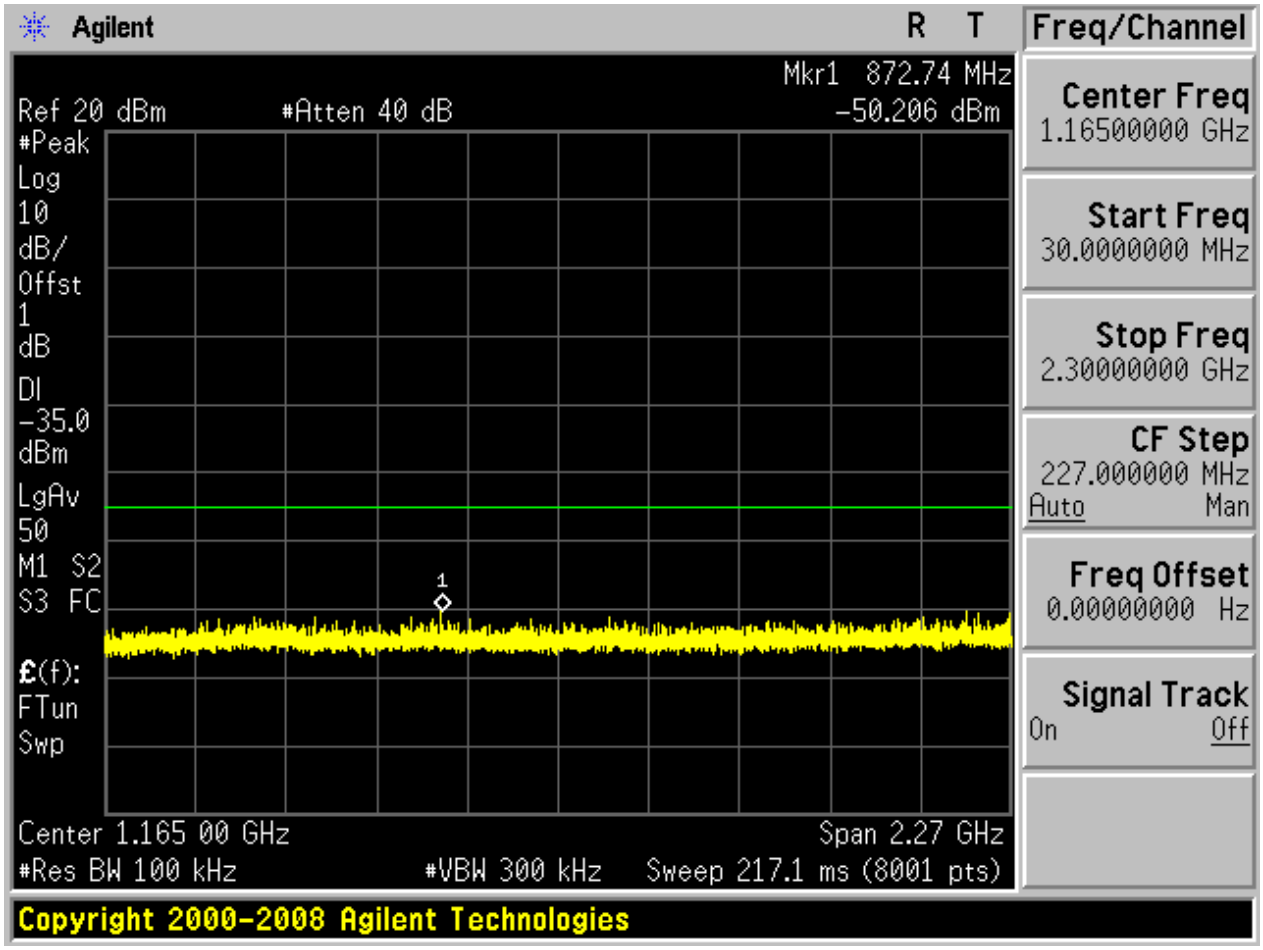
Puw:



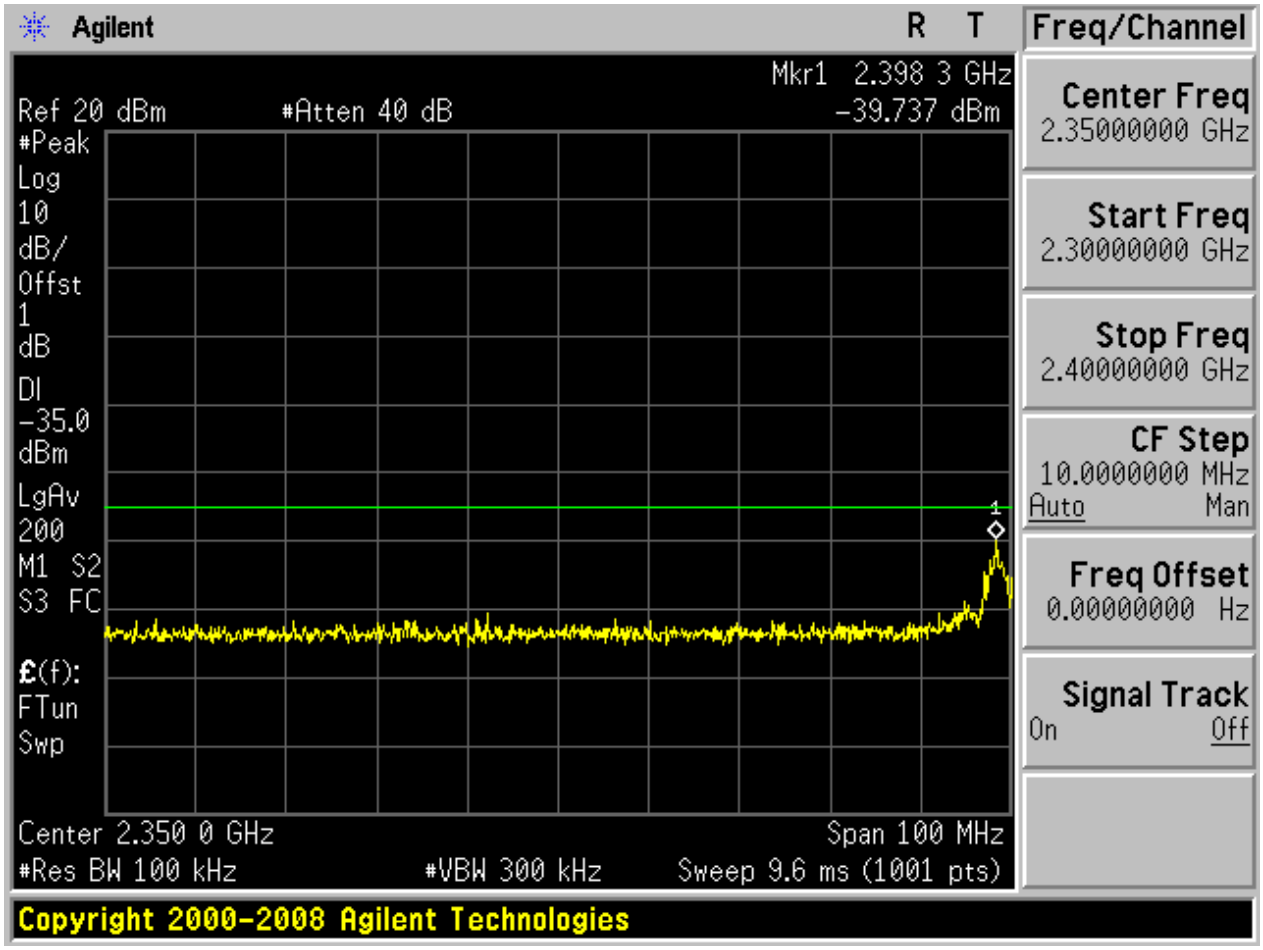
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



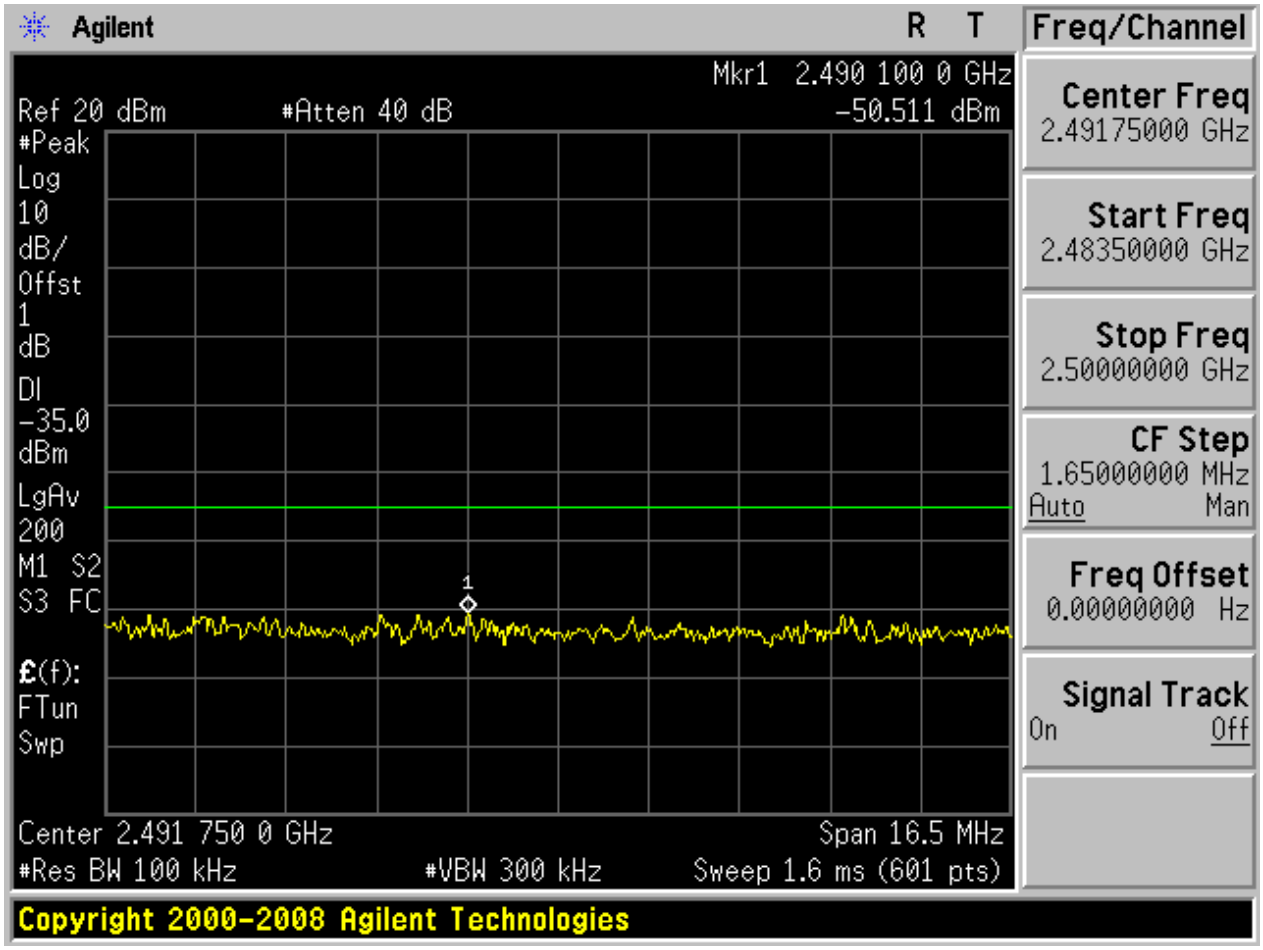
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



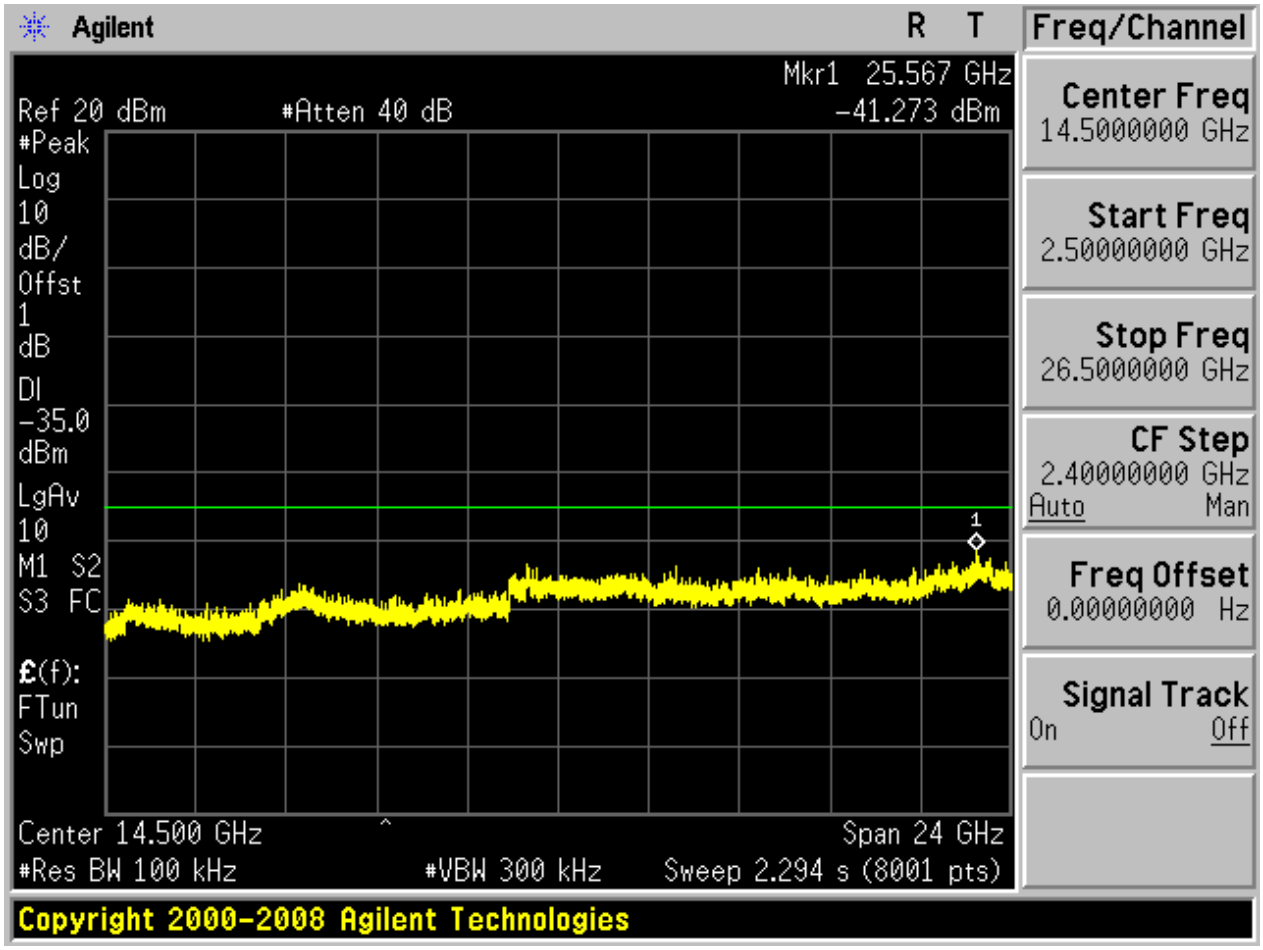
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



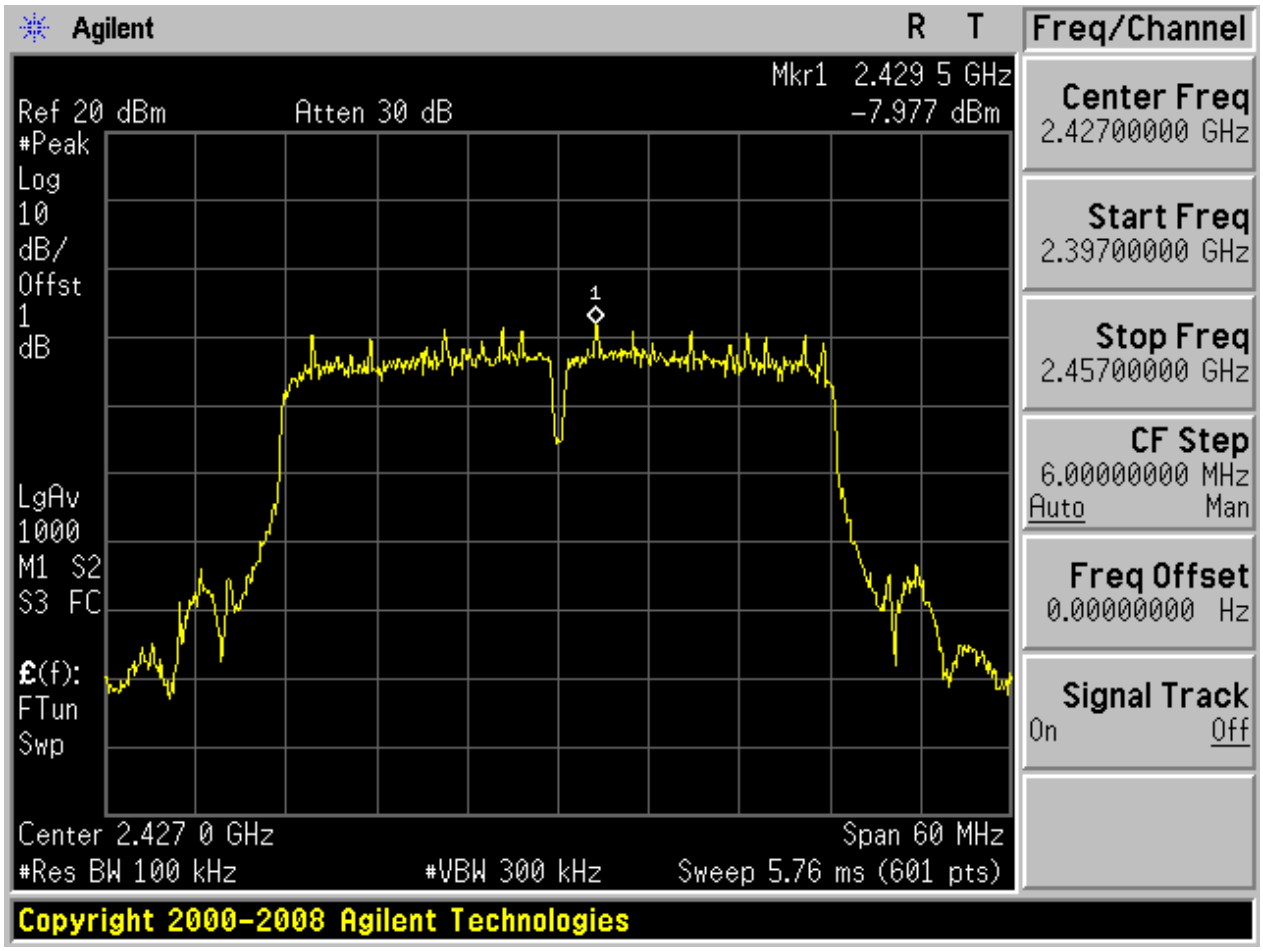
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

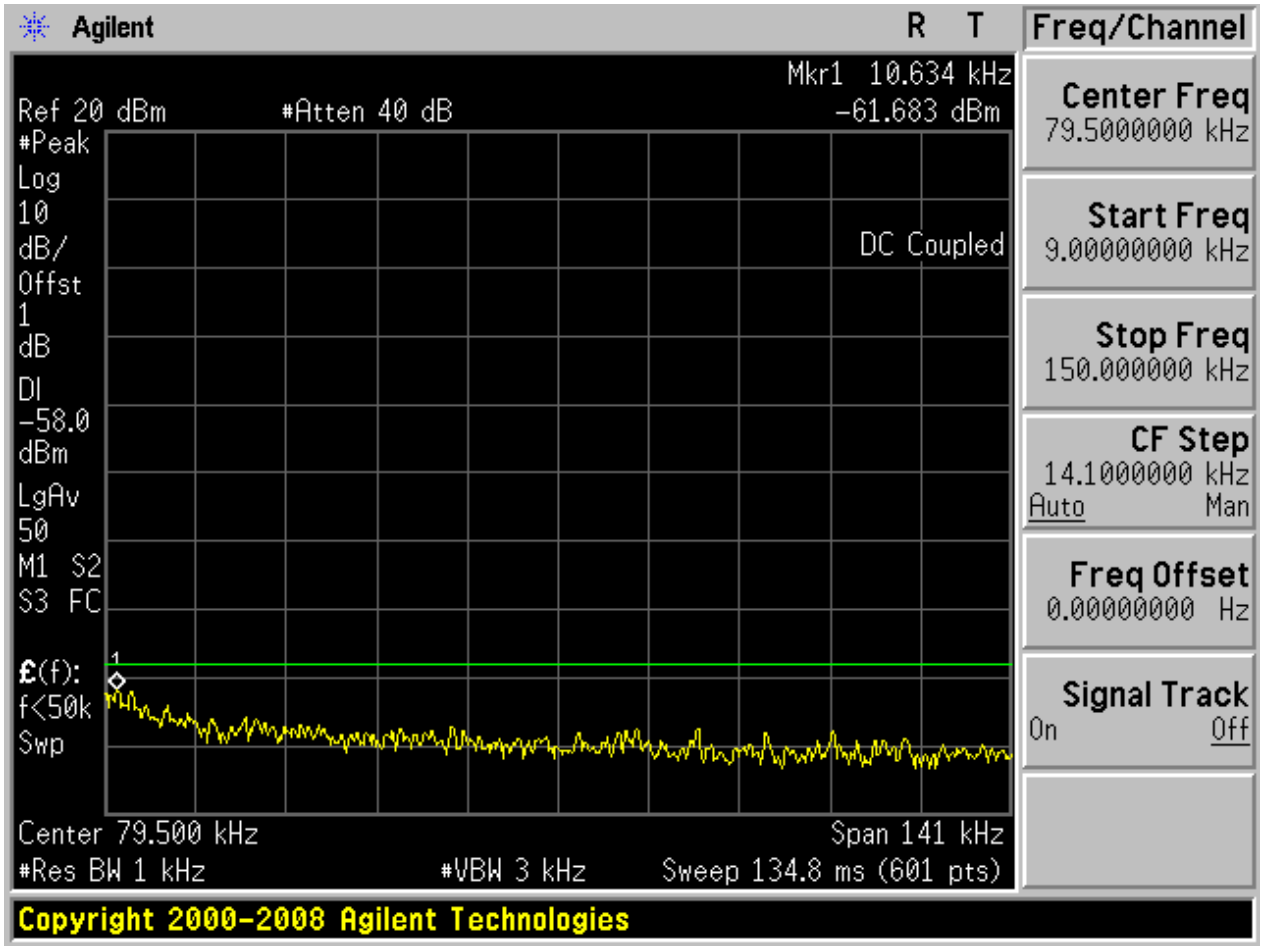
2.11 11N40_M@Ant 1

Pref:

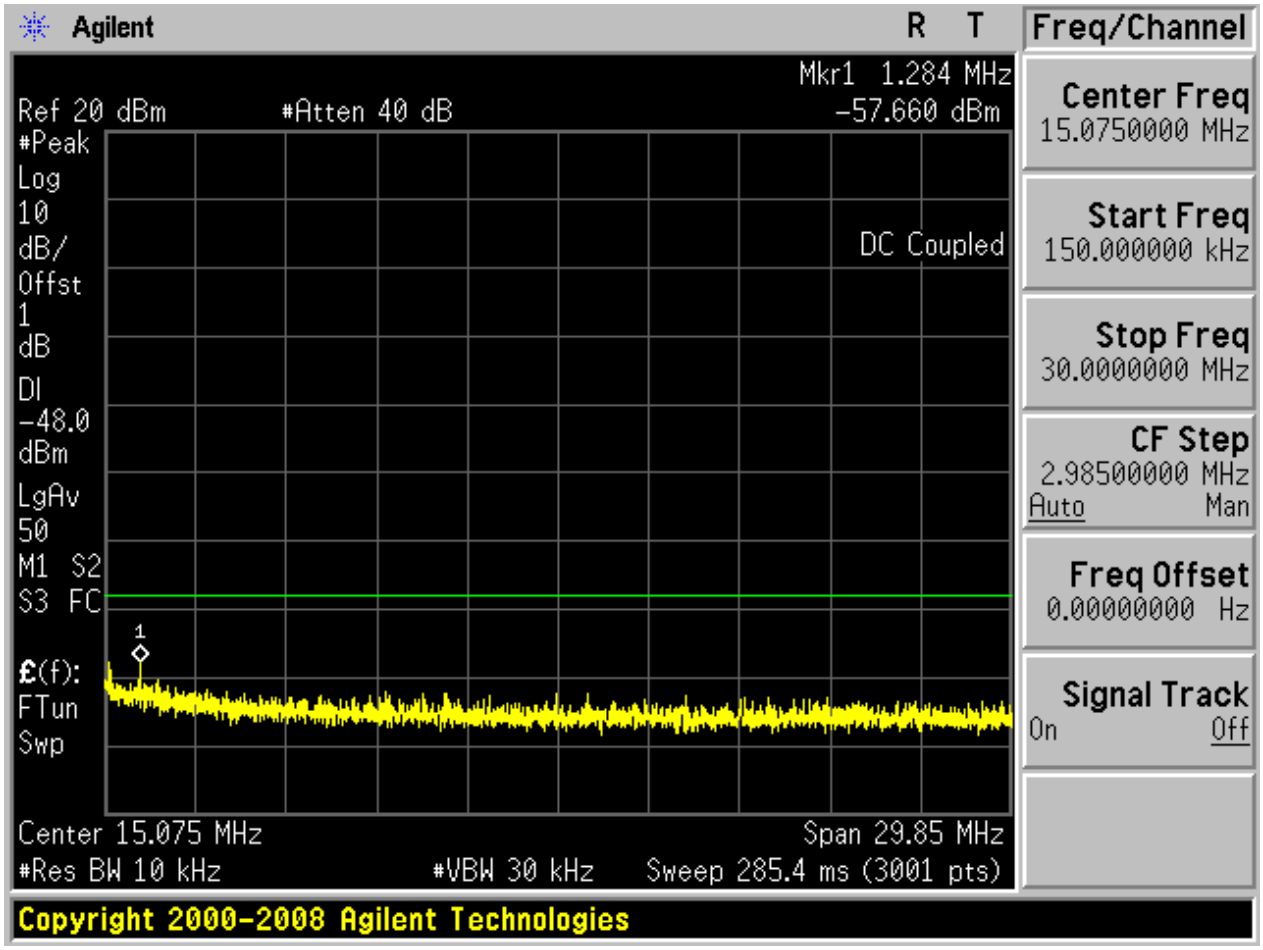


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

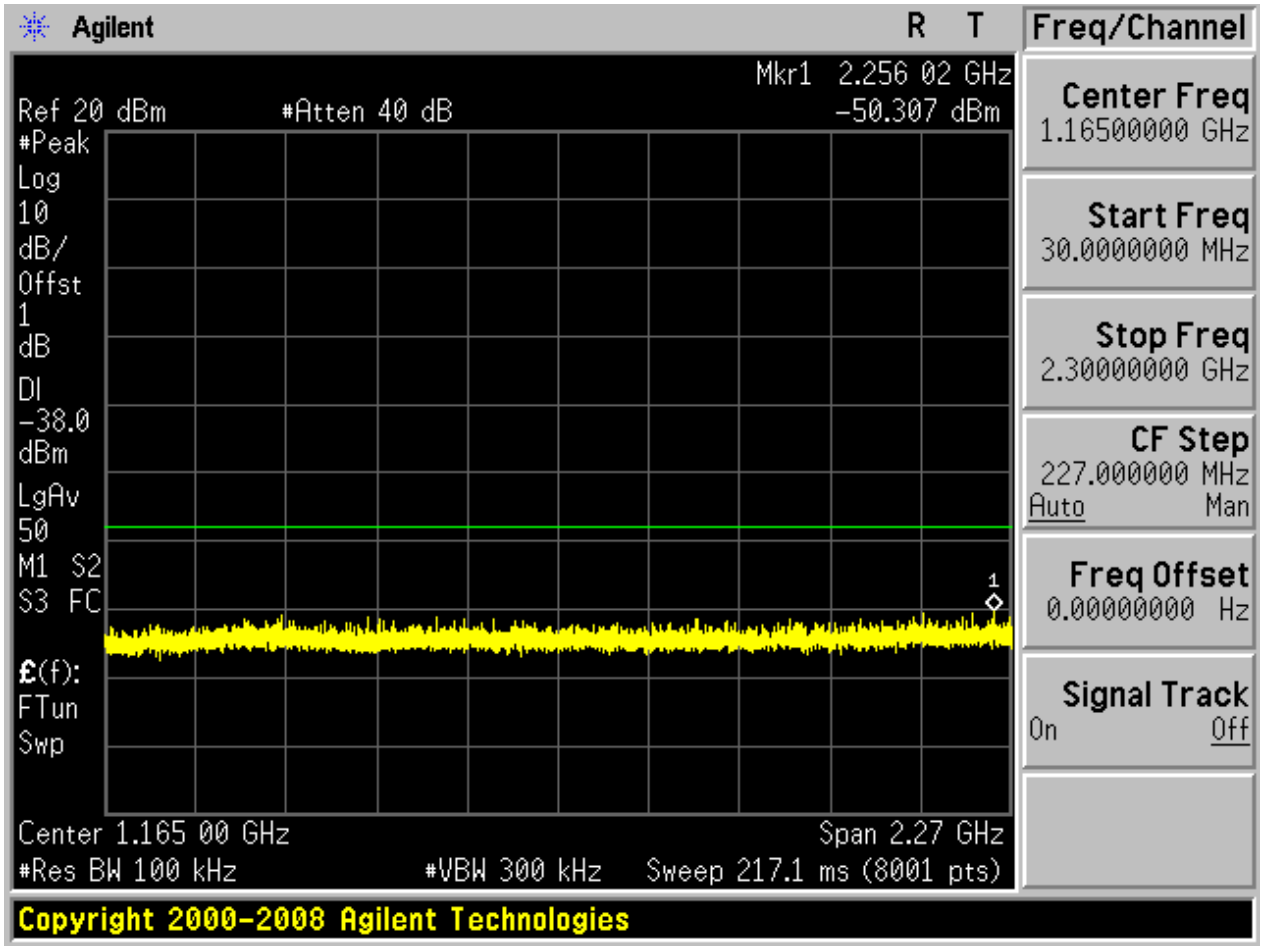
Puw:



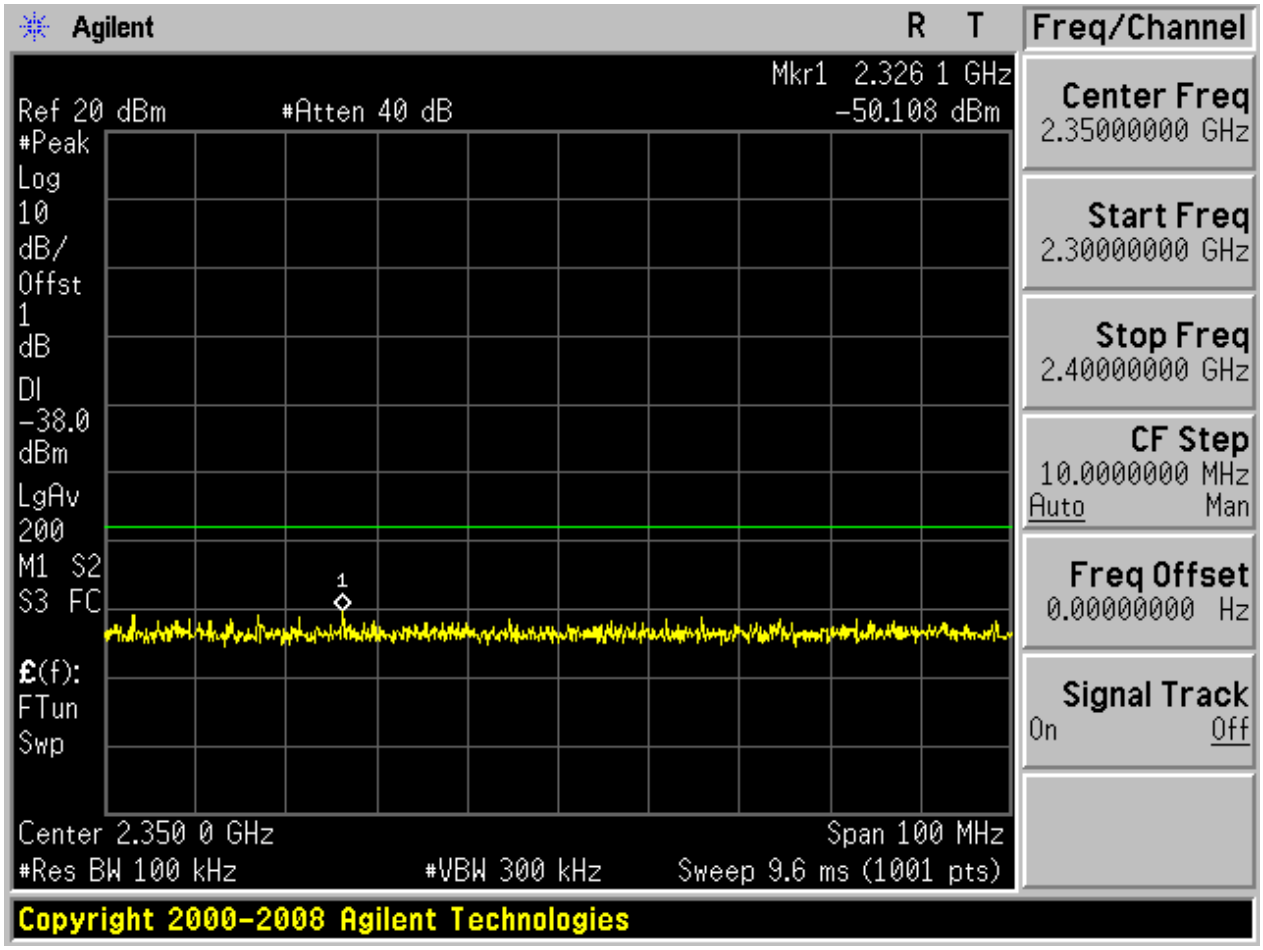
Copyright © Huawei Technologies Co., Ltd.



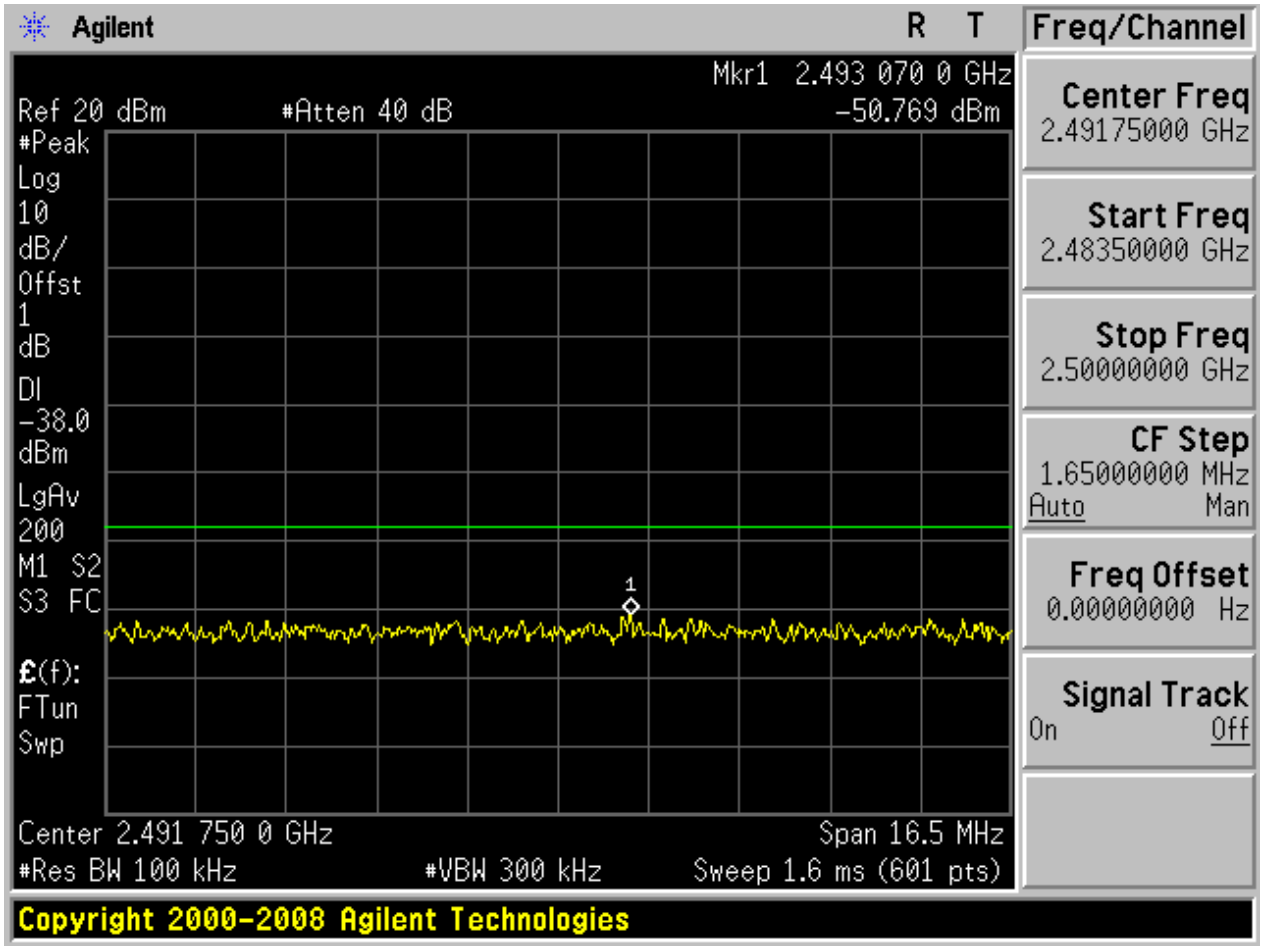
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



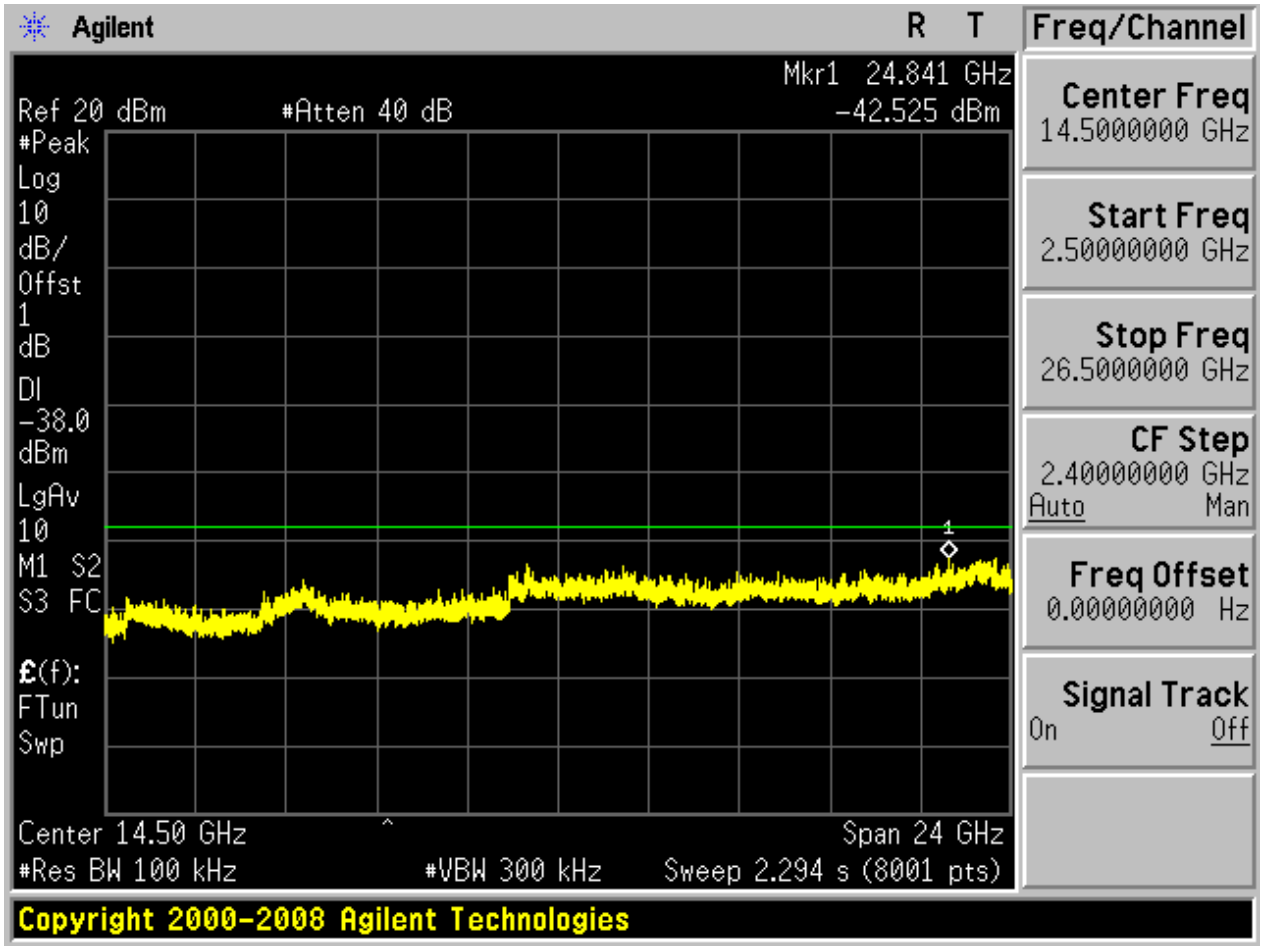
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.



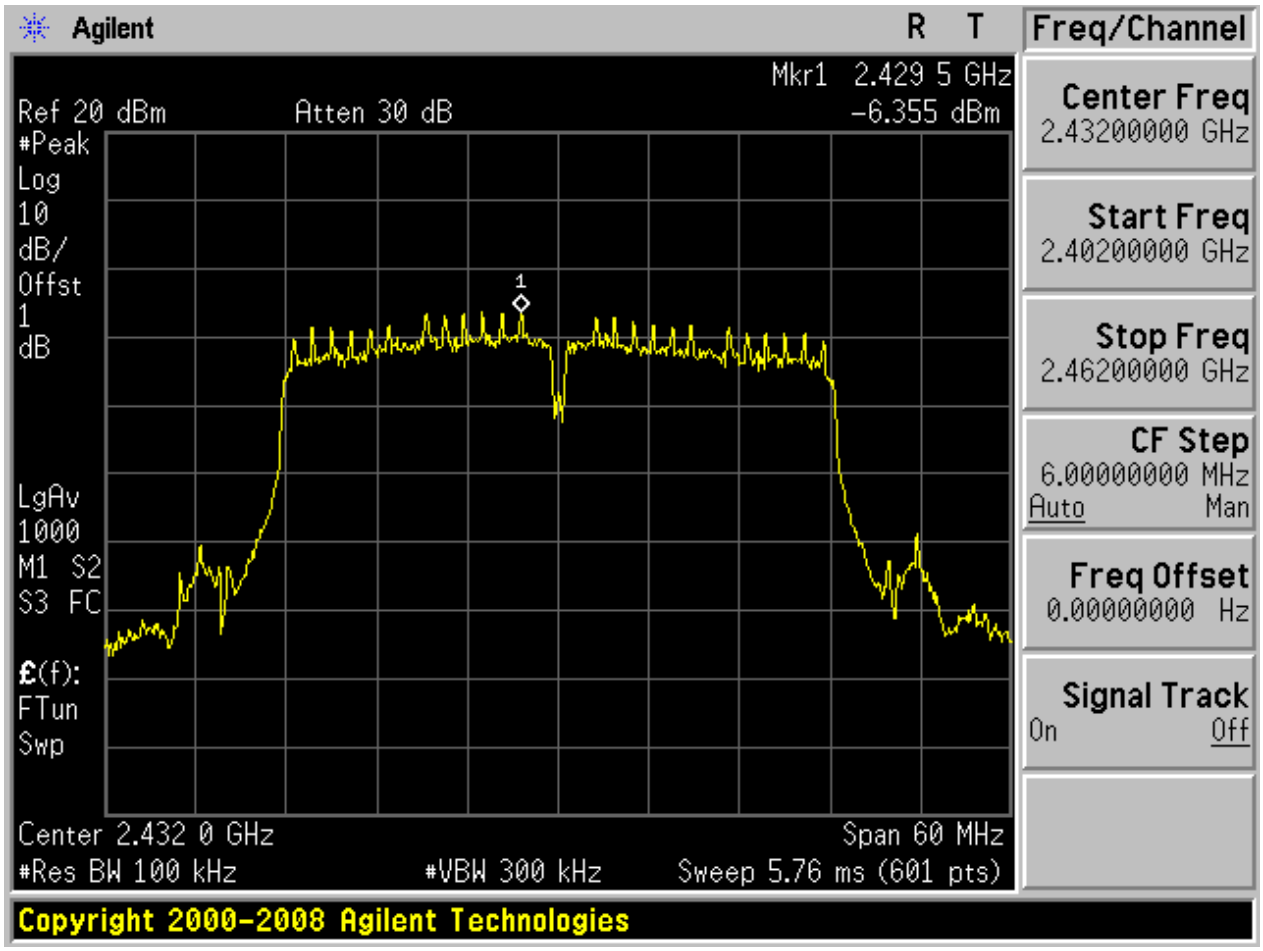
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.

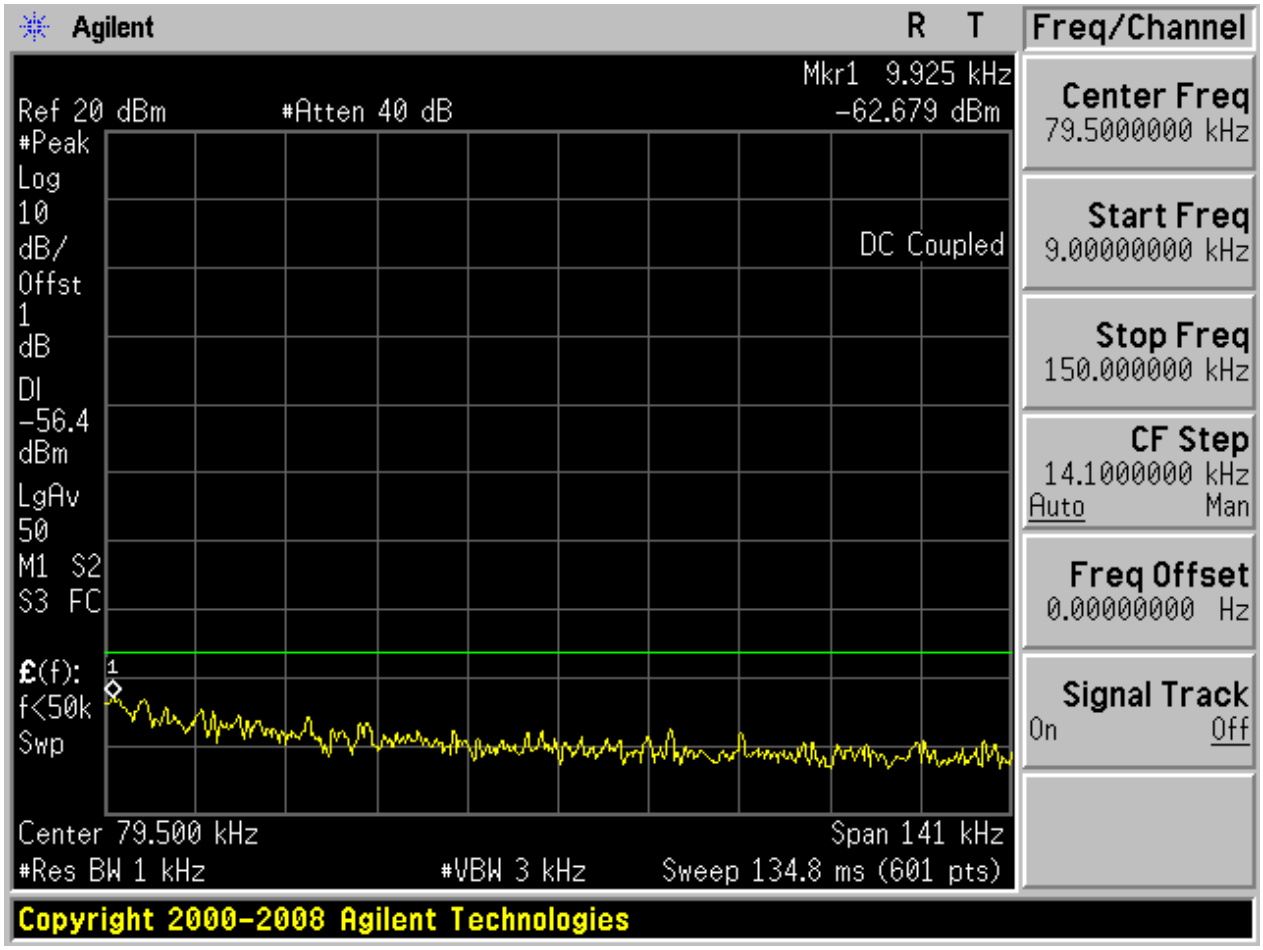
2.12 11N40_H@Ant 1

Pref:

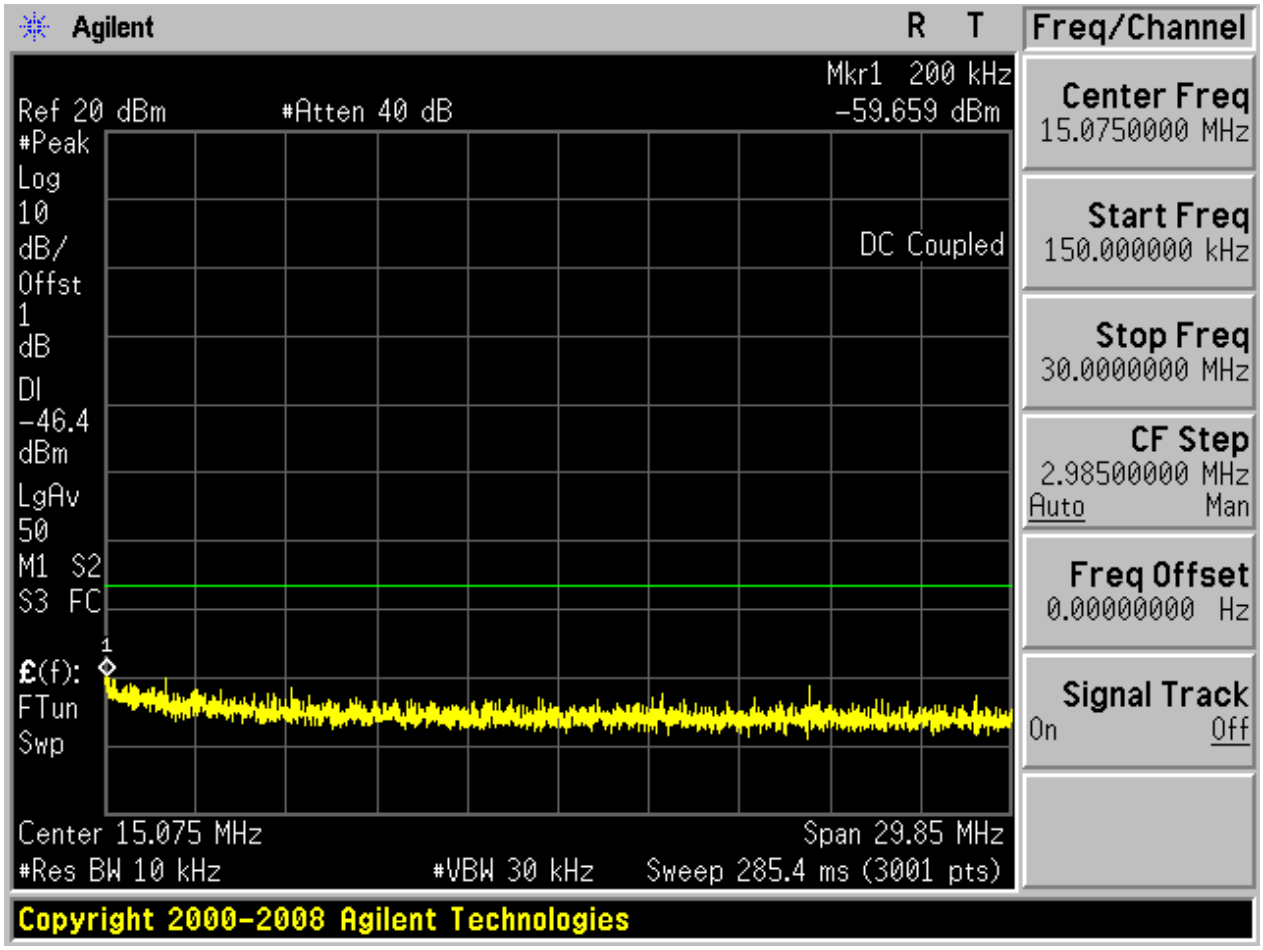


Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

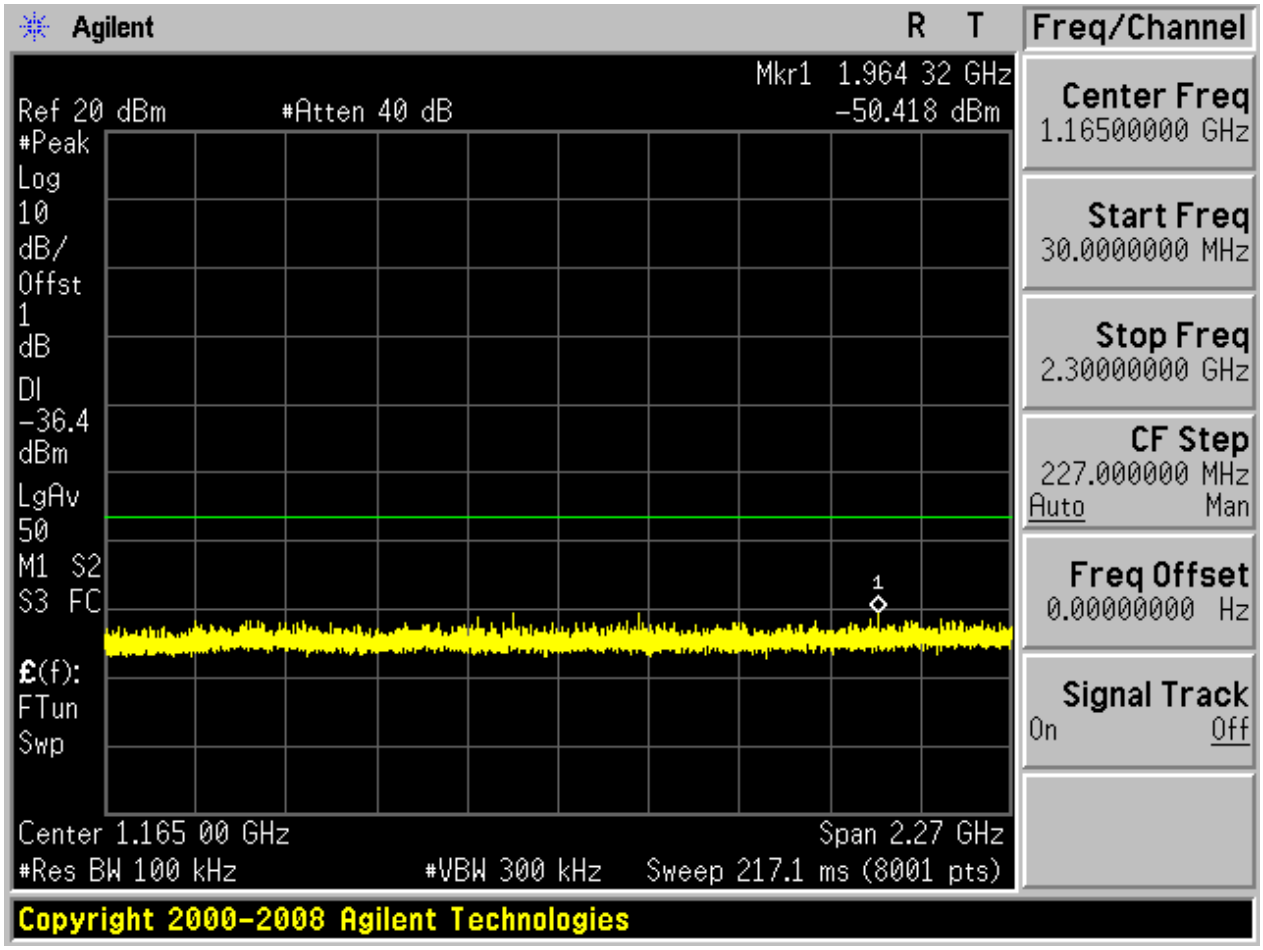
Puw:



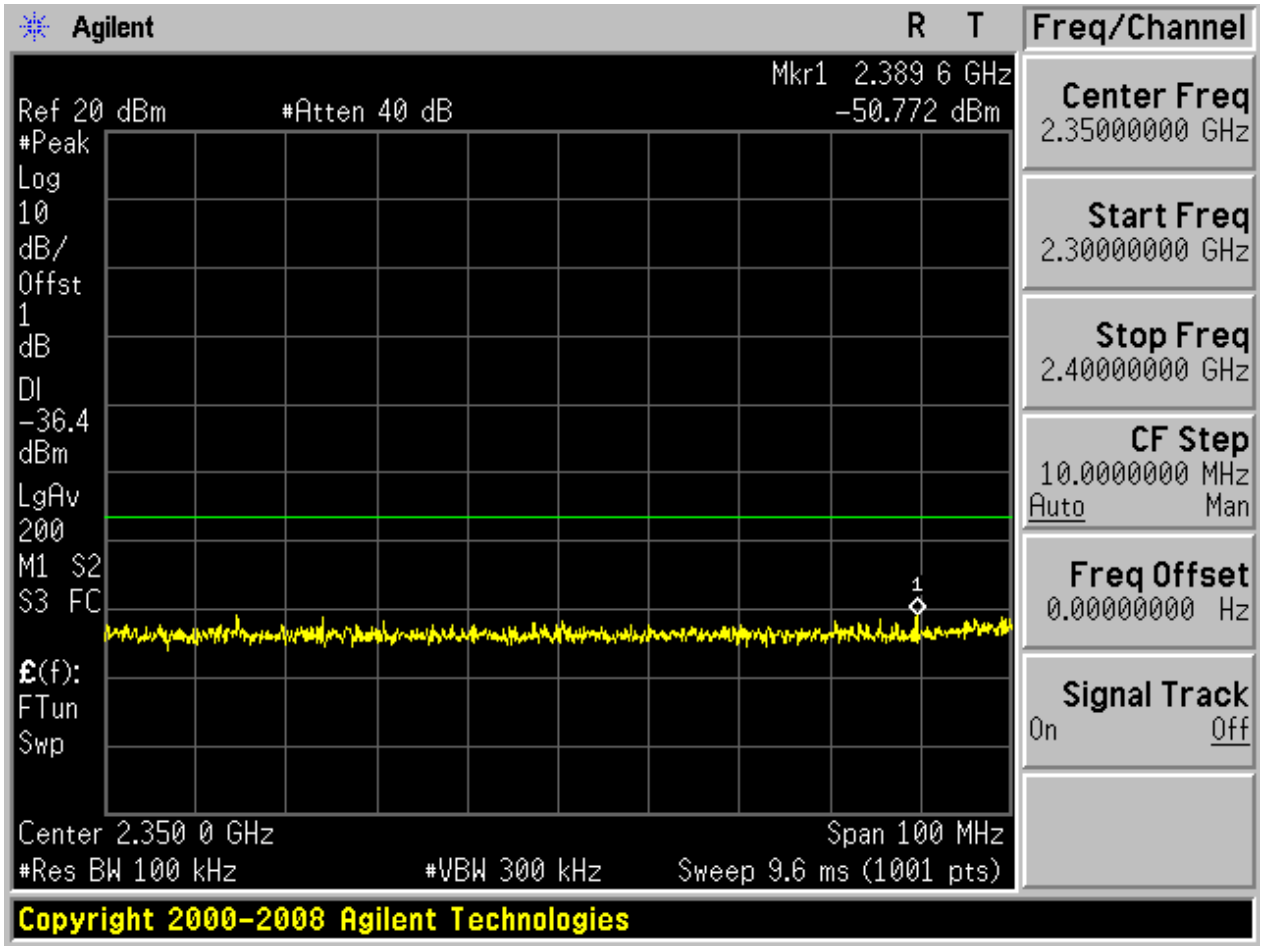
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



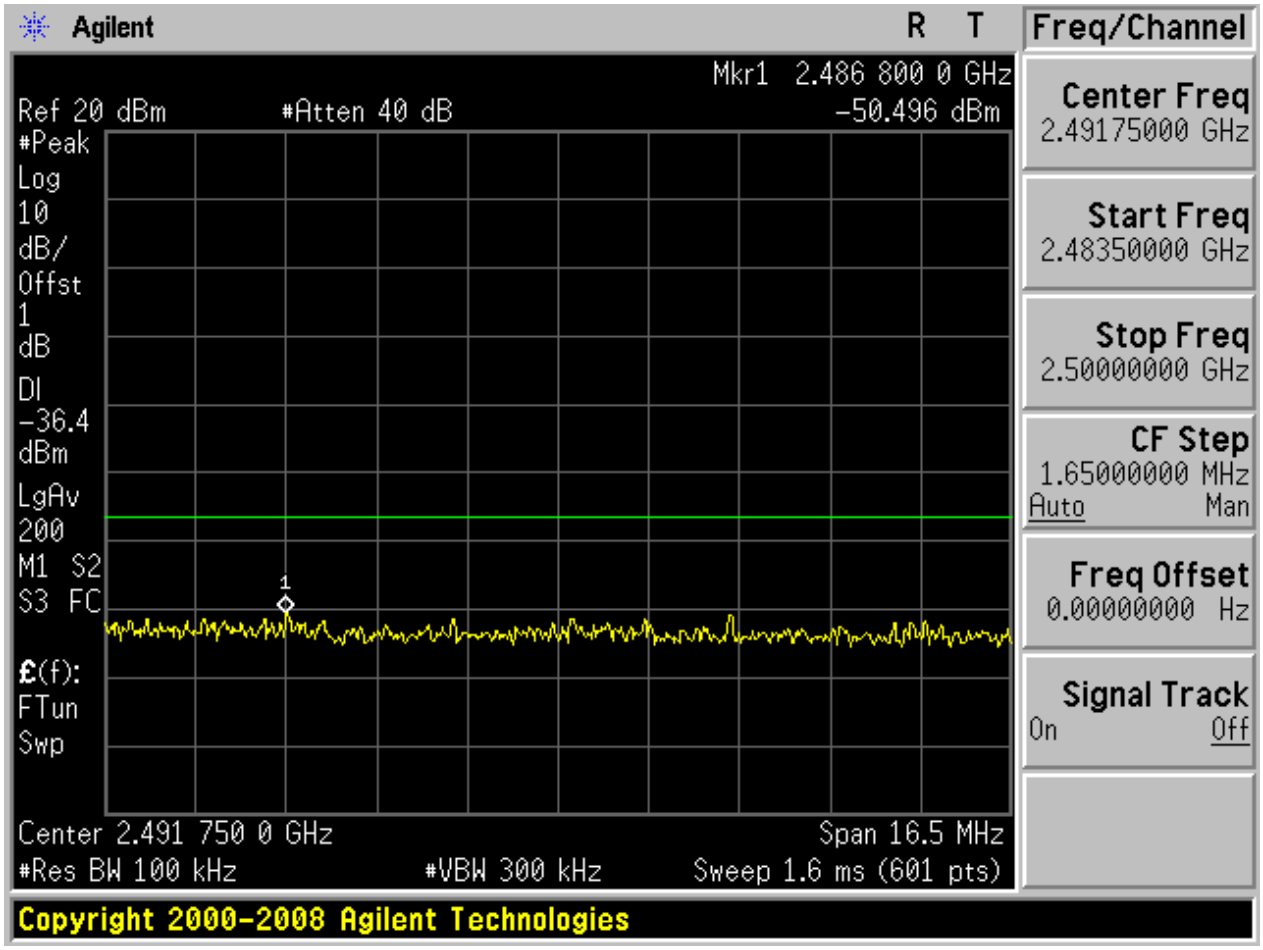
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



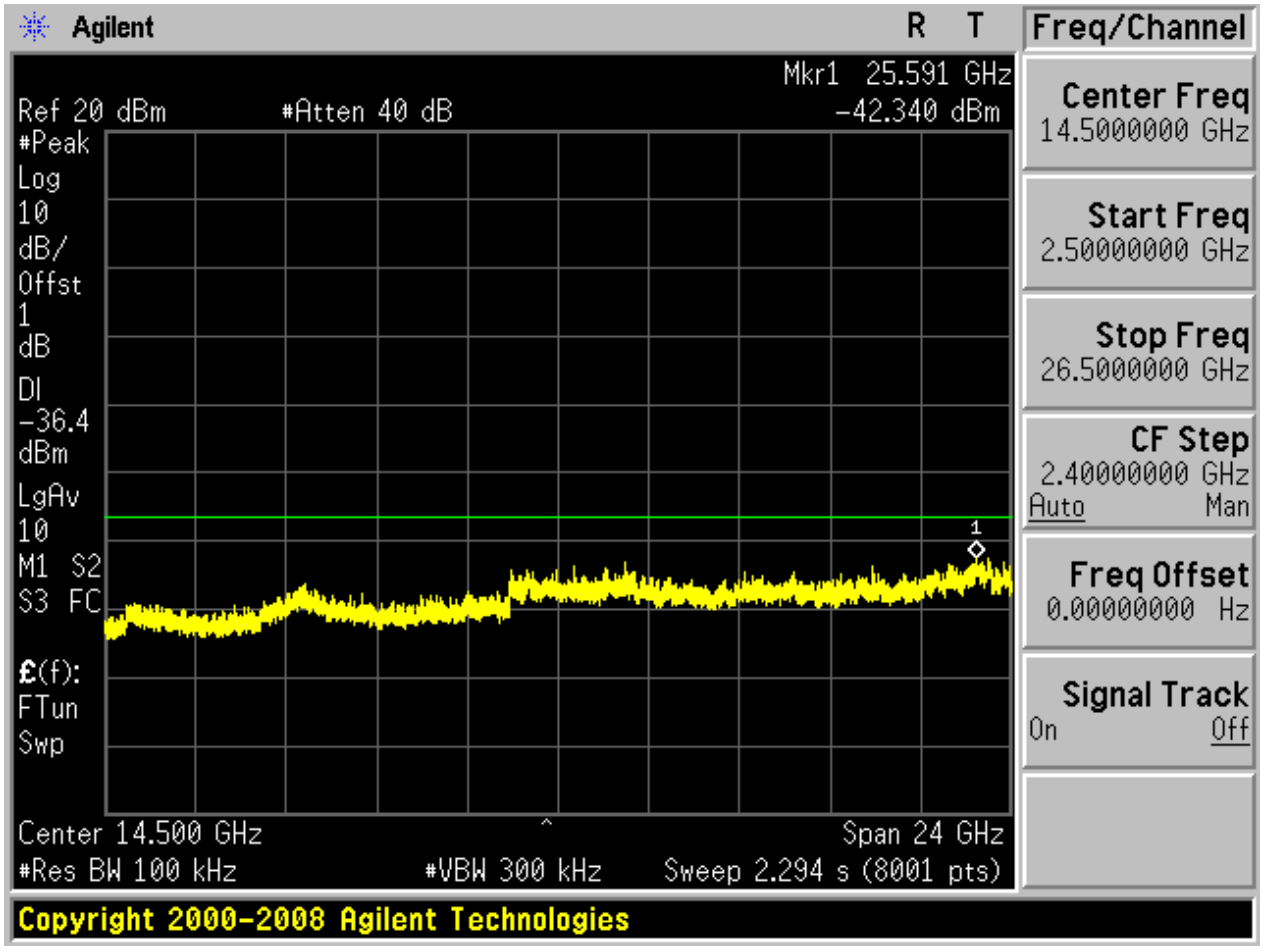
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.



Copyright © Huawei Technologies Co., Ltd.

Appendix H: Radiated Spurious Emission & Spurious in Restricted Band

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

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

The simultaneous transmission has been considered

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

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

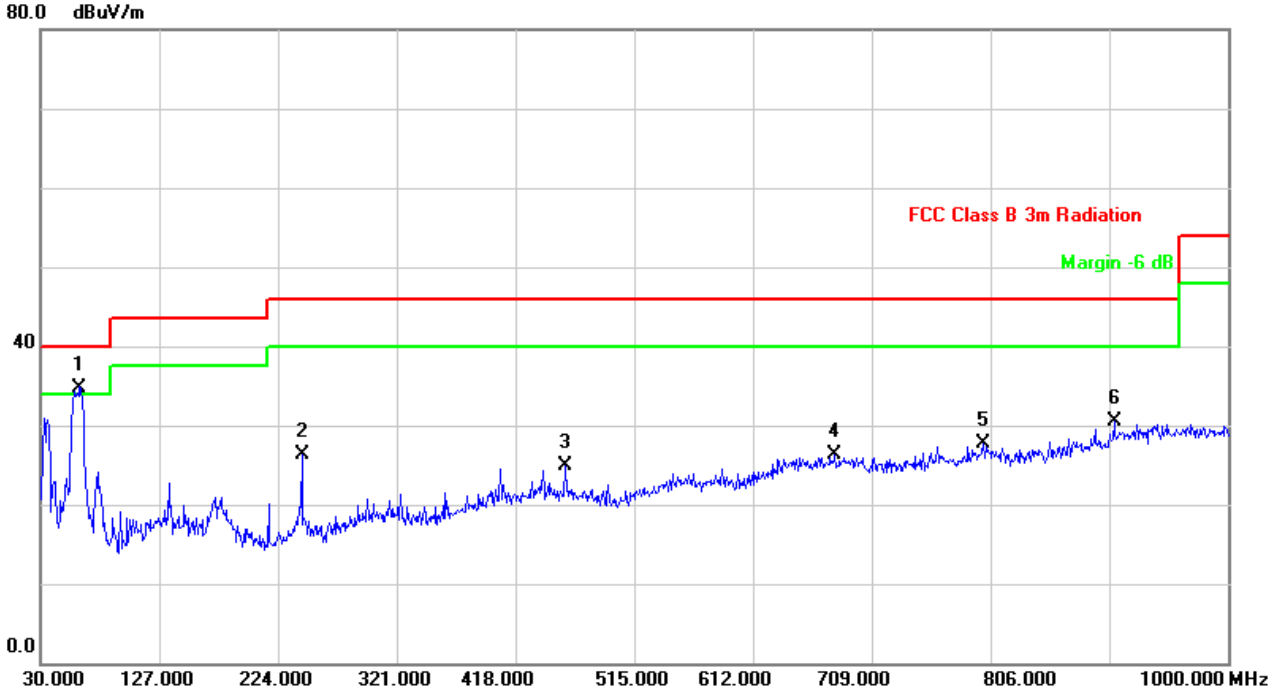
Part 1: Testing Range of "9 kHz to 30MHz"

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

Part 2: Testing Range of "30 MHz to 1 GHz"

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

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



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB
1	*	62.0100	48.63	-13.83	34.80	40.00	-5.20
2		243.4000	38.88	-12.49	26.39	46.00	-19.61
3		458.7400	31.05	-6.16	24.89	46.00	-21.11
4		678.9300	27.78	-1.54	26.24	46.00	-19.76
5		800.1800	27.49	0.16	27.65	46.00	-18.35
6		906.8800	28.72	1.86	30.58	46.00	-15.42

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

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

NOTE1: No peak found in the Test Range of “18 GHz to 26.5 GHz”

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Part 4: Testing Range of "2.3GHz to 2.5GHz"

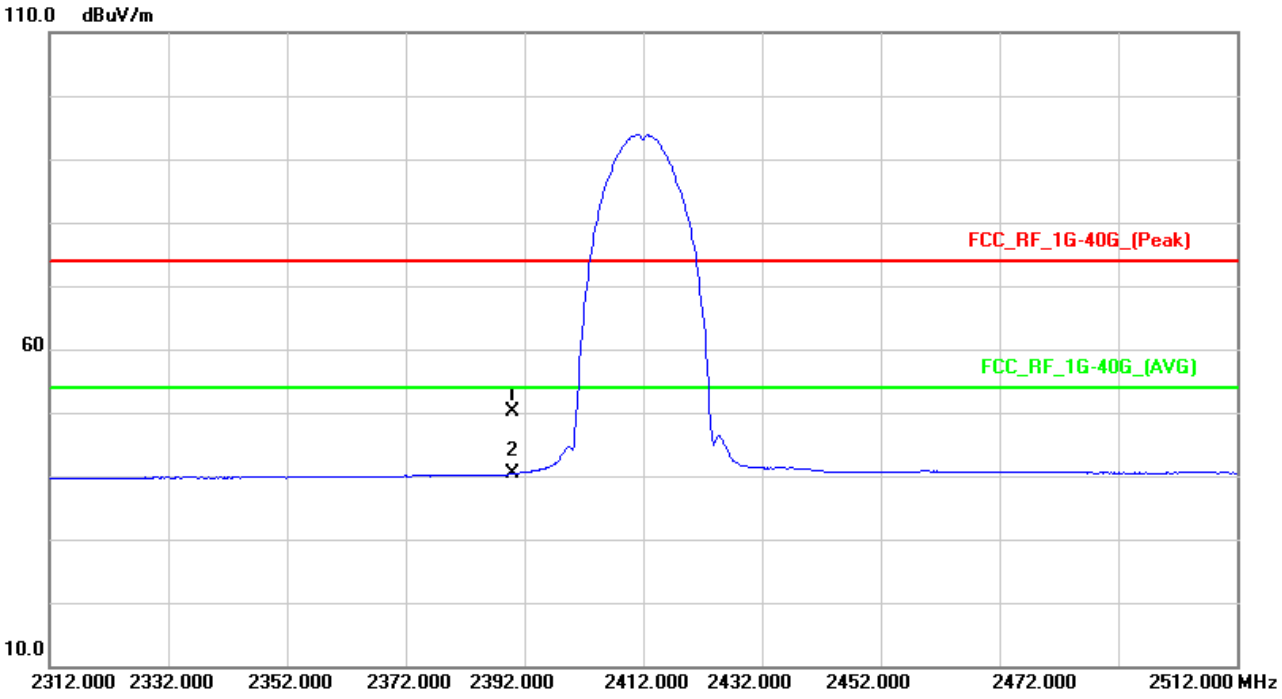
Note 1: The testing range of "2.3 GHz to 2.5 GHz" is for checking radiated emissions located in restricted bands near the EUT operating bands.

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

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

Test Mode: 11b

Channel 01



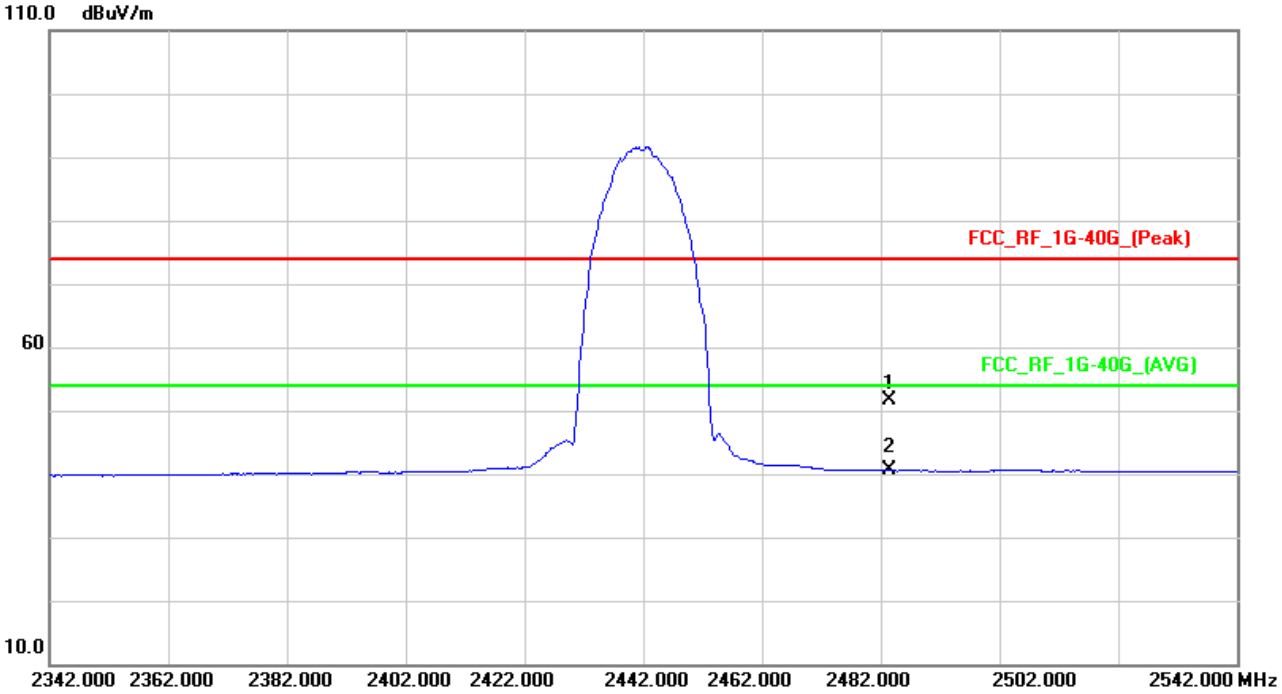
Note: The peak exceeds the limit line is carrier frequency

.

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		2390.000	14.17	35.88	50.05	74.00	-23.95	peak
2	*	2390.000	4.48	35.88	40.36	54.00	-13.64	AVG

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Channel 07



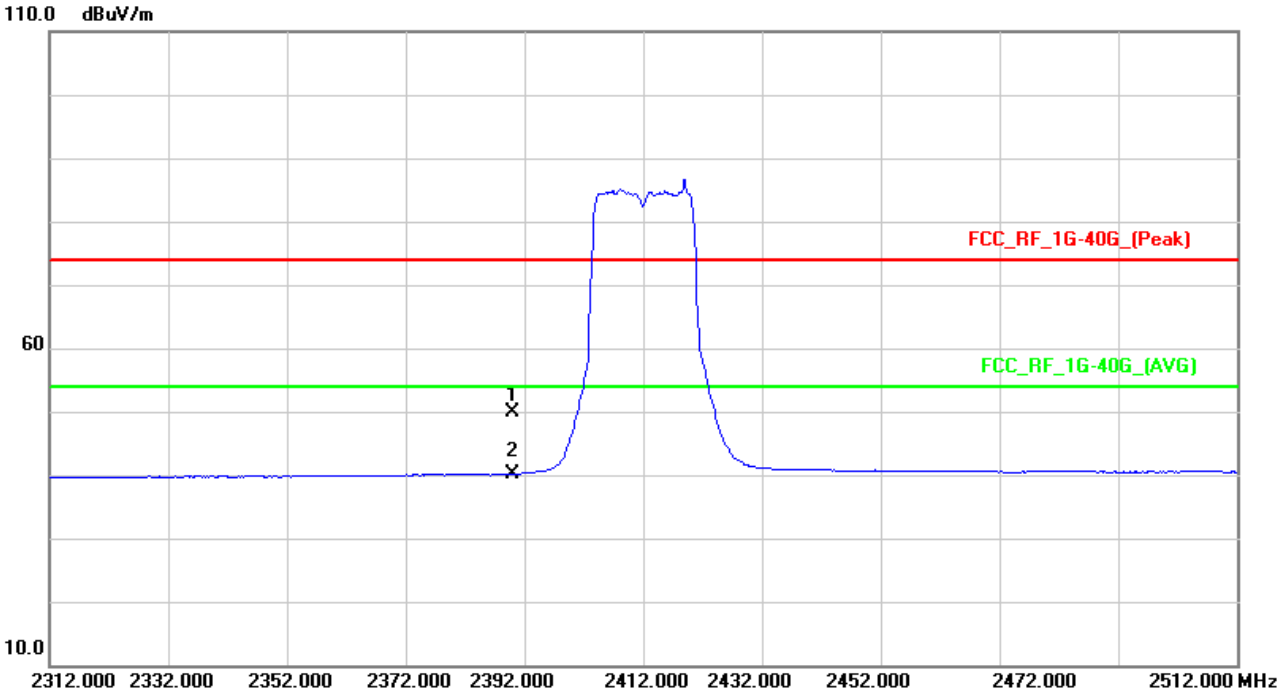
Note: The peak exceeds the limit line is carrier frequency.

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		2483.500	15.17	36.39	51.56	74.00	-22.44	peak
2	*	2483.500	4.21	36.39	40.60	54.00	-13.40	AVG

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Test Mode: 11g

Channel 01

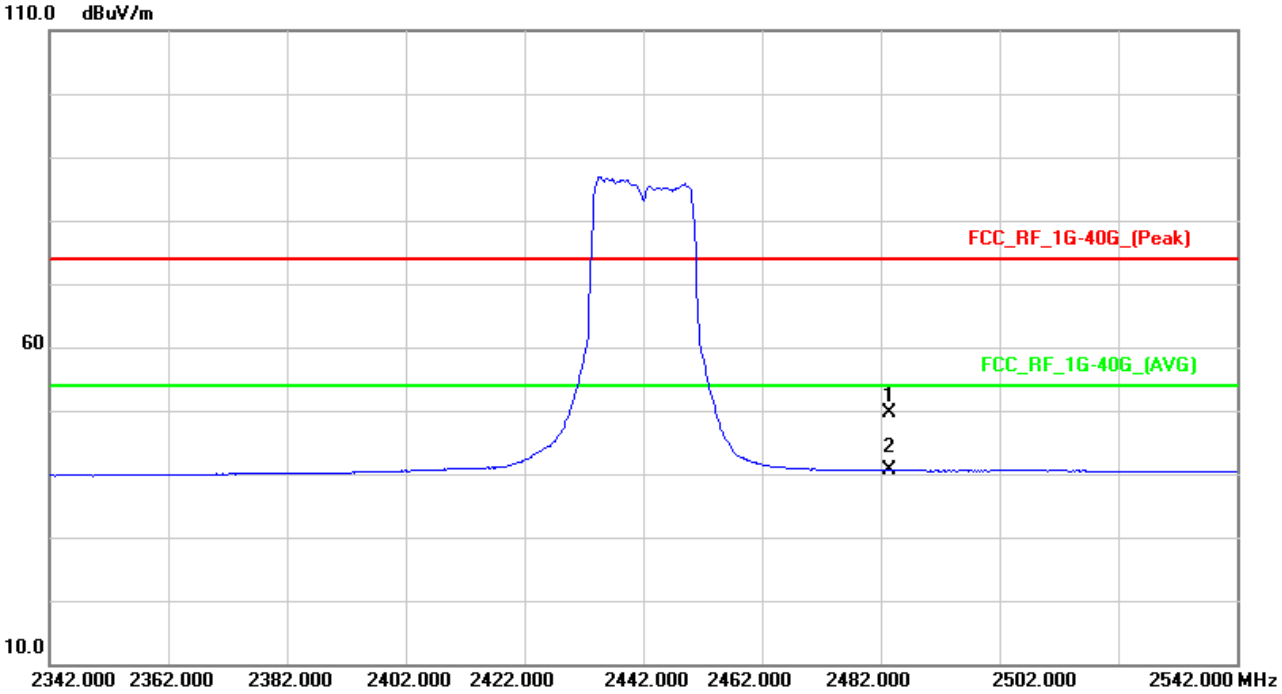


Note: The peak exceeds the limit line is carrier frequency.

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		2390.000	13.99	35.88	49.87	74.00	-24.13	peak
2	*	2390.000	4.22	35.88	40.10	54.00	-13.90	AVG

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Channel 07



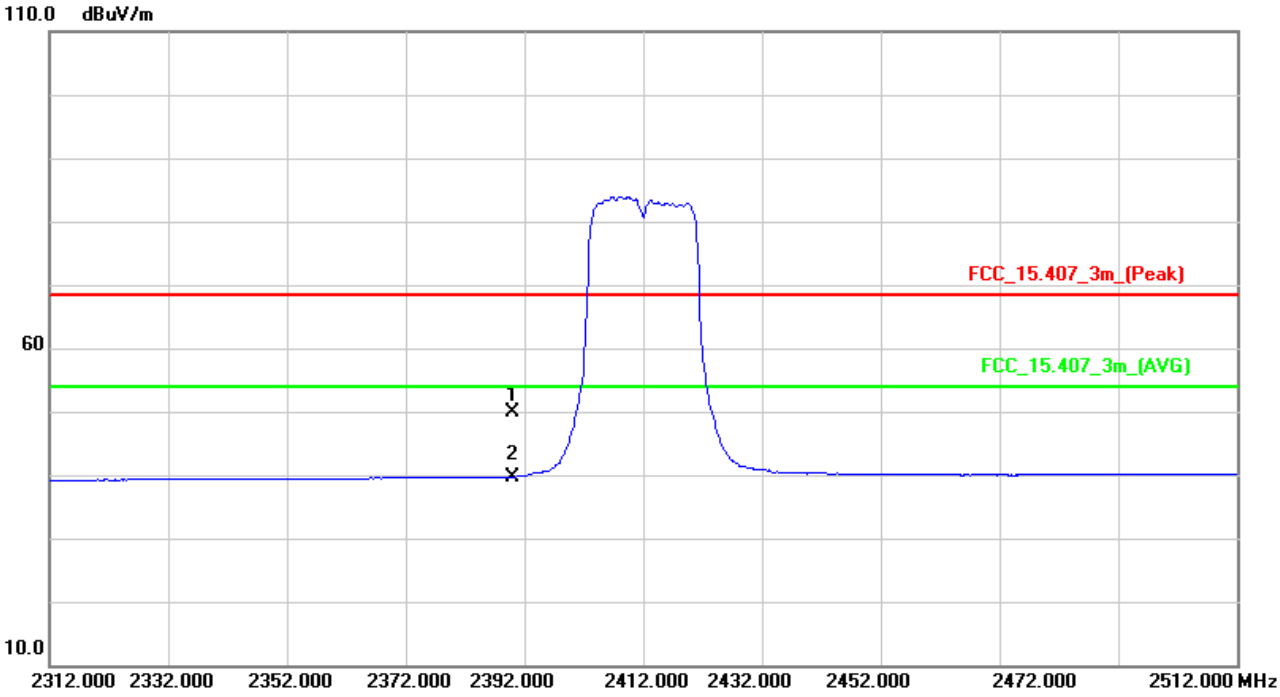
Note: The peak exceeds the limit line is carrier frequency.

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		2483.500	13.25	36.39	49.64	74.00	-24.36	peak
2	*	2483.500	4.22	36.39	40.61	54.00	-13.39	AVG

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Test Mode: 11N 20m

Channel 01

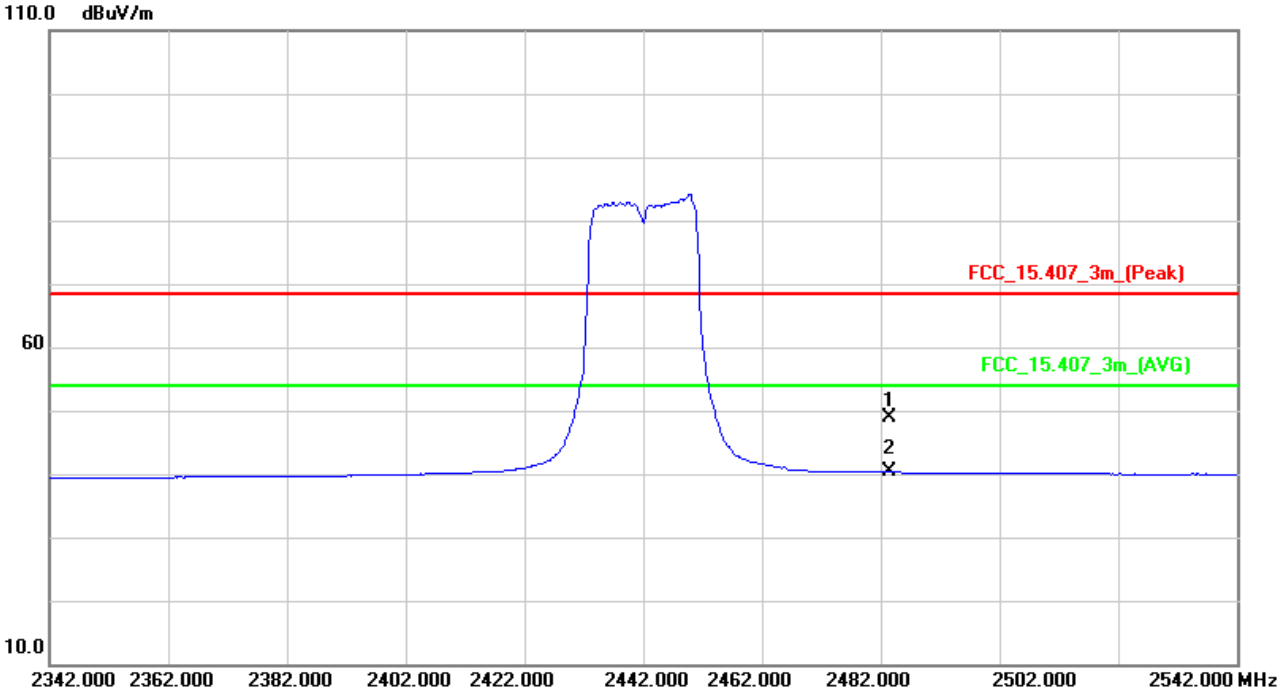


Note: The peak exceeds the limit line is carrier frequency.

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		2390.000	14.10	35.88	49.98	68.30	-18.32	peak
2	*	2390.000	3.83	35.88	39.71	54.00	-14.29	AVG

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Channel 07



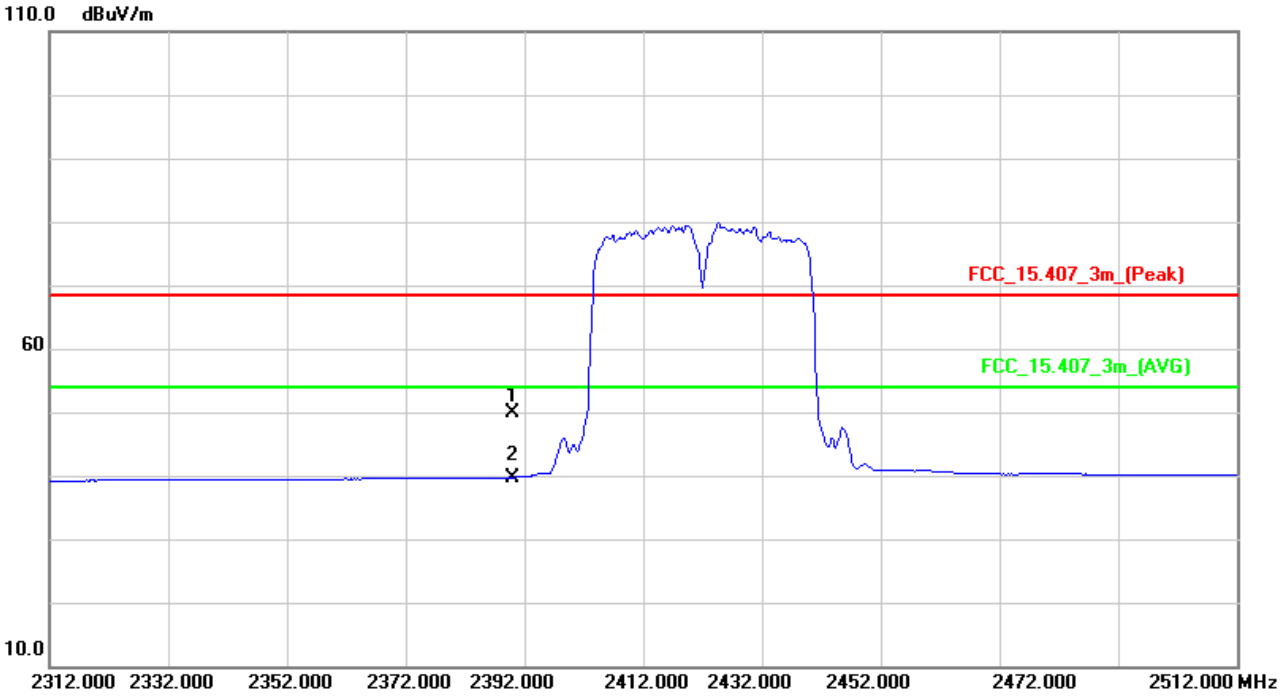
Note: The peak exceeds the limit line is carrier frequency.

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		2483.500	12.45	36.39	48.84	68.30	-19.46	peak
2	*	2483.500	3.95	36.39	40.34	54.00	-13.66	AVG

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Test Mode: 11N 40m

Channel 03

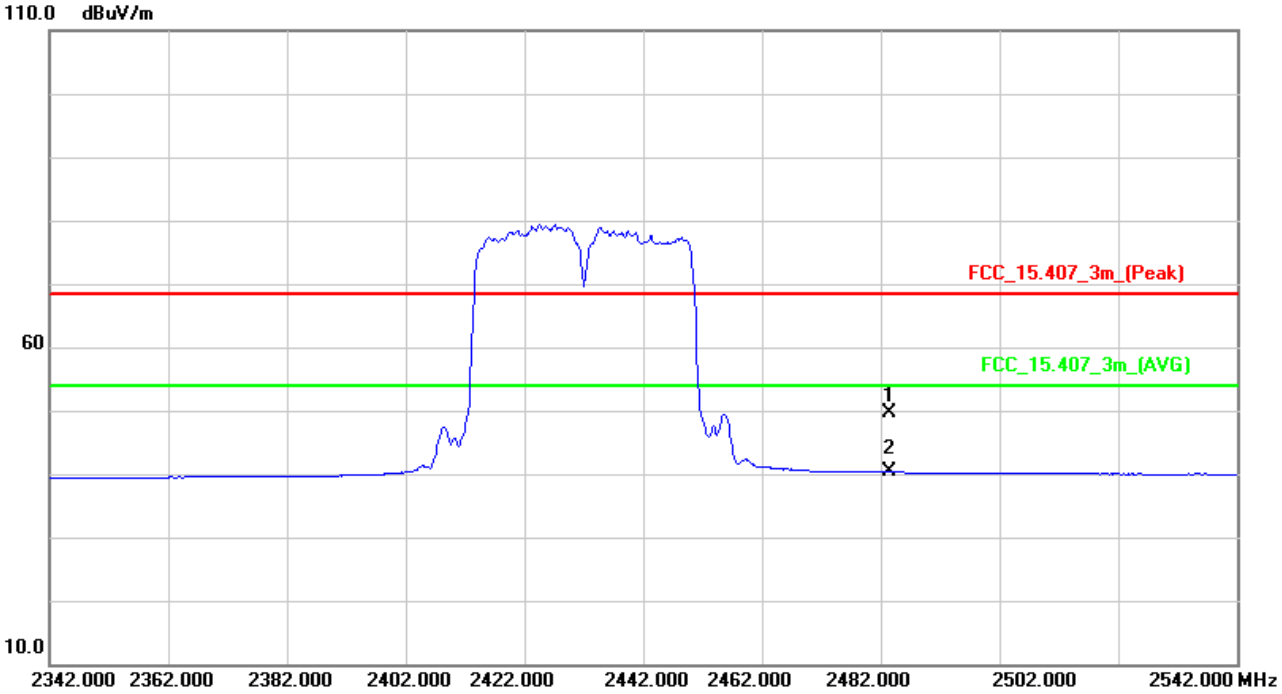


Note: The peak exceeds the limit line is carrier frequency.

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		2390.000	13.93	35.88	49.81	68.30	-18.49	peak
2	*	2390.000	3.84	35.88	39.72	54.00	-14.28	AVG

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Channel 05



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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1		2483.500	13.25	36.39	49.64	68.30	-18.66	peak
2	*	2483.500	3.94	36.39	40.33	54.00	-13.67	AVG

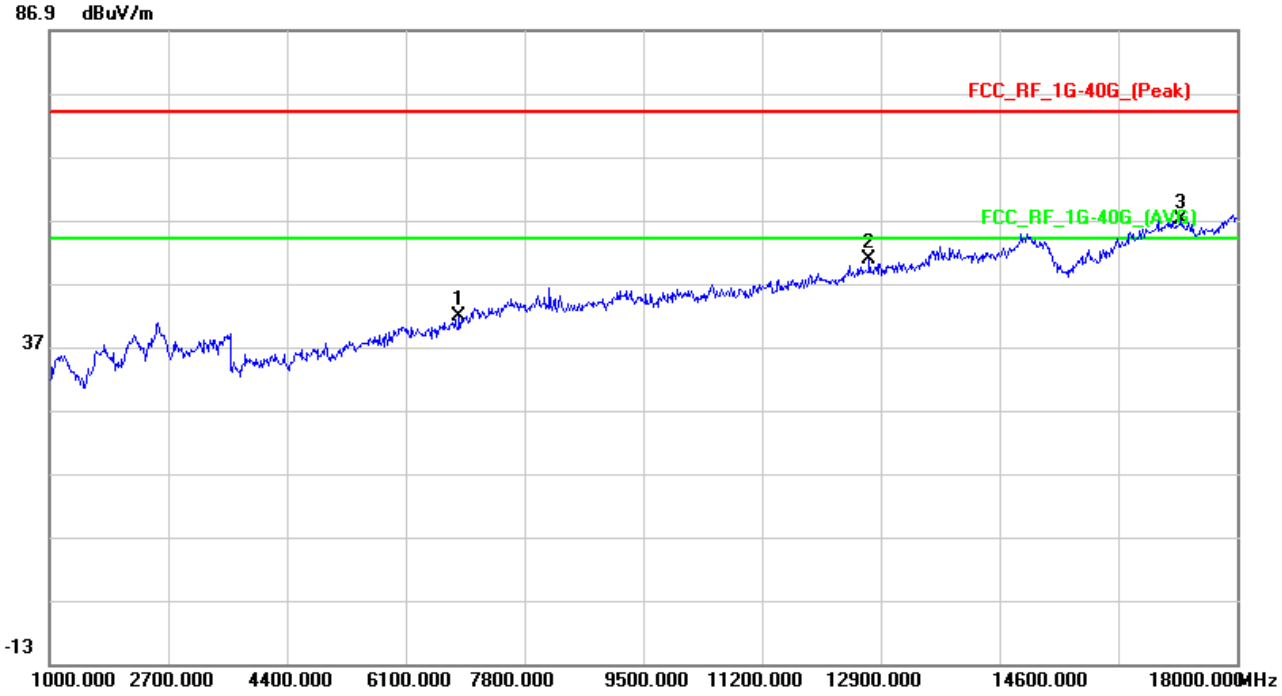
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

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 dBμV/m) and Average Limit (54 dBμV/m).



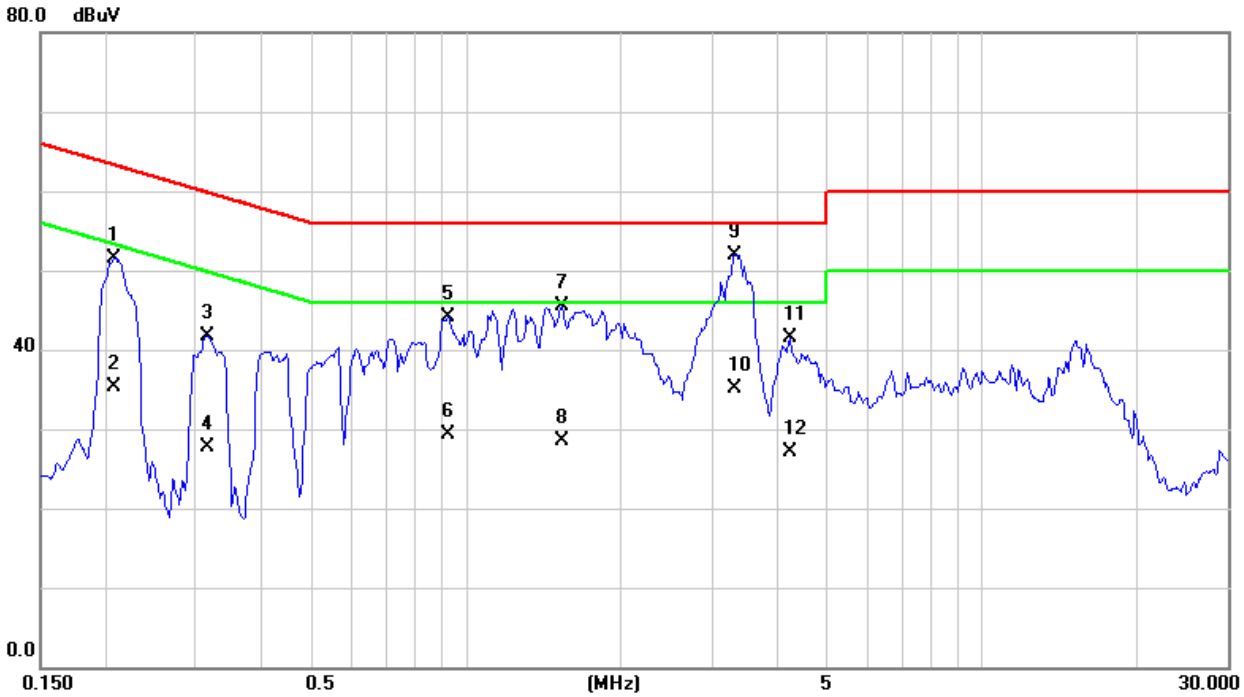
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Appendix I: Conducted Emission at Power Port

Note: RBW =9 kHz, VBW = 30 kHz

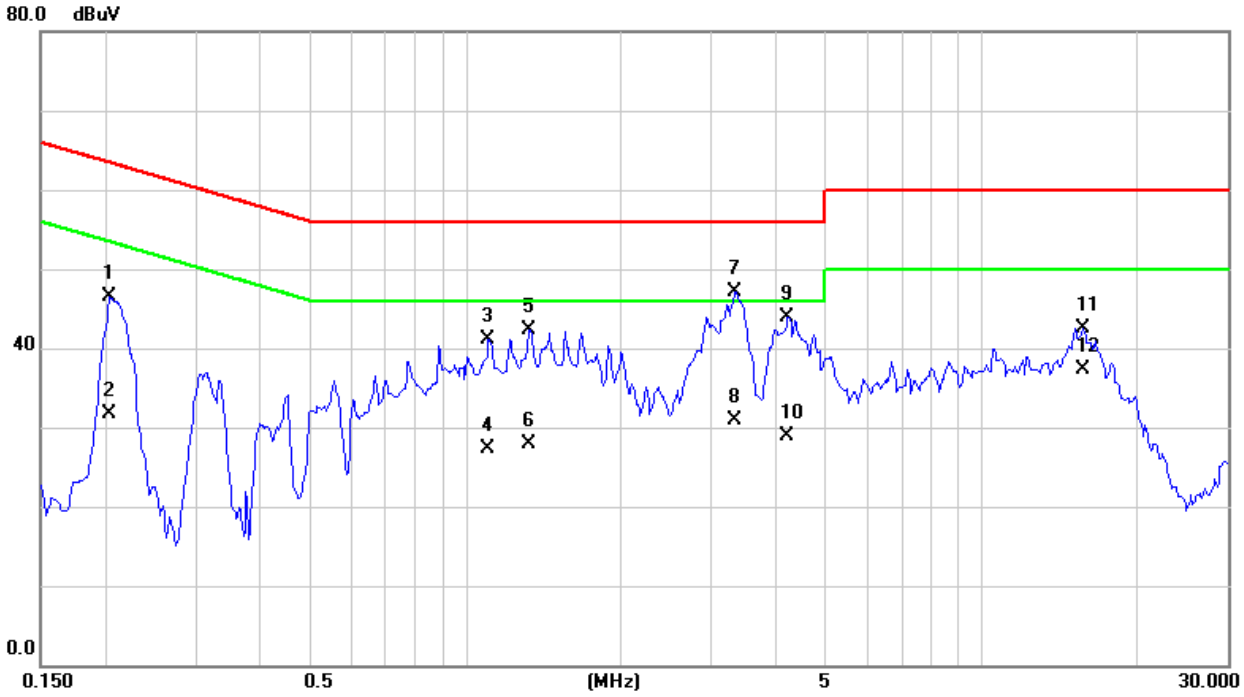
Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.

Channel 4



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Line
1		0.2086	41.83	9.65	51.48	63.26	-11.78	QP	L1
2		0.2086	25.70	9.65	35.35	53.26	-17.91	AVG	L1
3		0.3180	32.04	9.71	41.75	59.76	-18.01	QP	L1
4		0.3180	17.90	9.71	27.61	49.76	-22.15	AVG	L1
5		0.9273	34.32	9.81	44.13	56.00	-11.87	QP	L1
6		0.9273	19.50	9.81	29.31	46.00	-16.69	AVG	L1
7		1.5367	35.78	9.74	45.52	56.00	-10.48	QP	L1
8		1.5367	18.70	9.74	28.44	46.00	-17.56	AVG	L1
9	*	3.3047	42.34	9.58	51.92	56.00	-4.08	QP	L1
10		3.3047	25.50	9.58	35.08	46.00	-10.92	AVG	L1
11		4.2578	32.13	9.32	41.45	56.00	-14.55	QP	L1
12		4.2578	17.80	9.32	27.12	46.00	-18.88	AVG	L1

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Line
1		0.2047	36.89	9.55	46.44	63.42	-16.98	QP	N
2		0.2047	22.10	9.55	31.65	53.42	-21.77	AVG	N
3		1.1110	31.51	9.64	41.15	56.00	-14.85	QP	N
4		1.1110	17.60	9.64	27.24	46.00	-18.76	AVG	N
5		1.3297	32.59	9.64	42.23	56.00	-13.77	QP	N
6		1.3297	18.30	9.64	27.94	46.00	-18.06	AVG	N
7	*	3.3438	37.58	9.60	47.18	56.00	-8.82	QP	N
8		3.3438	21.40	9.60	31.00	46.00	-15.00	AVG	N
9		4.2188	34.25	9.70	43.95	56.00	-12.05	QP	N
10		4.2188	19.30	9.70	29.00	46.00	-17.00	AVG	N
11		15.7578	32.90	9.64	42.54	60.00	-17.46	QP	N
12		15.7578	27.60	9.64	37.24	50.00	-12.76	AVG	N

END

Huawei Proprietary and Confidential
Copyright © Huawei Technologies Co., Ltd.