



Appendix A.1: DTS (6 dB) Bandwidth

1 Result Table

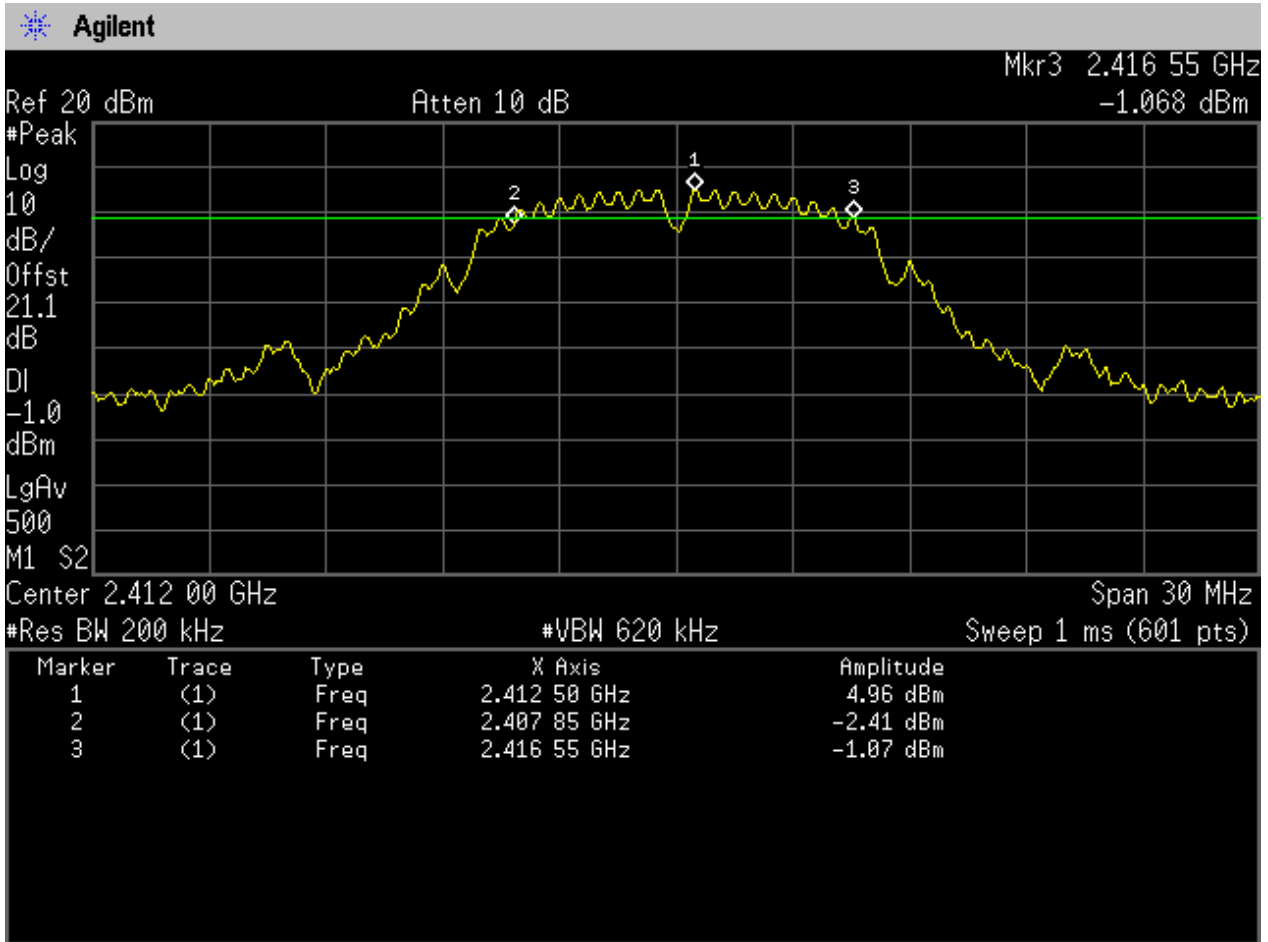
NOTE 1: In this document, the DTS6dBBW refers to the measured “DTS (6 dB) Bandwidth” value. In this Appendix, the fc(DTS6dBBW) refers to the center frequency of the DTS6dBBW. The introduction of the fc(DTS6dBBW) is due to the FCC OET KDB 558074 measurement procedure for “Fundamental Emission Output Power - Maximum Peak Conducted Output Power”, which uses the DTS6dBBW band edges.

NOTE 2: 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.

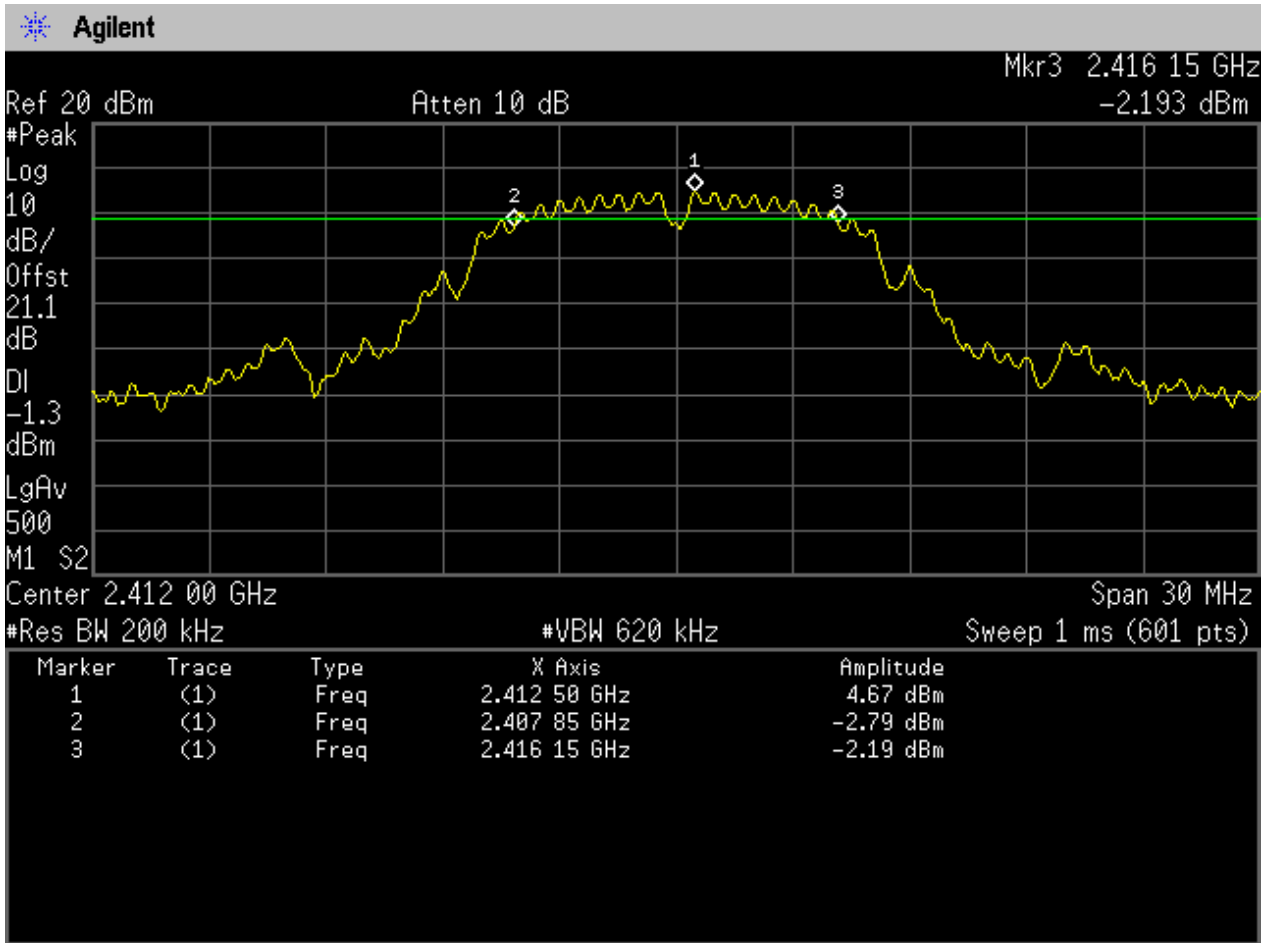
EUT Conf.	DTS6dBBW, Ant 1 [MHz]	fc(DTS6dBBW), Ant 1 [MHz]	DTS6dBBW, Ant 2 [MHz]	fc(DTS6dBBW), Ant 2 [MHz]	Verdict
11B/1_B@1	8.7	2412.2	---	---	Pass
11B/1_B@2	---	---	8.3	2412	Pass
11B/1_M@1	8.75	2437.225	---	---	Pass
11B/1_M@2	---	---	8.3	2437	Pass
11B/1_T@1	8.75	2462.225	---	---	Pass
11B/1_T@2	---	---	8.7	2462.2	Pass
11G/6_B@1	15.7	2411.9	---	---	Pass
11G/6_B@2	---	---	16.1	2412.1	Pass
11G/6_M@1	15.8	2436.95	---	---	Pass
11G/6_M@2	---	---	15.7	2436.85	Pass
11G/6_T@1	15.6	2461.85	---	---	Pass
11G/6_T@2	---	---	16.1	2462.05	Pass
11N20/0_B@1	17.2	2412	---	---	Pass
11N20/0_B@2	---	---	17.25	2412.025	Pass
11N20/0_M@1	17.3	2437	---	---	Pass
11N20/0_M@2	---	---	17.25	2437.025	Pass
11N20/0_T@1	17.25	2462.025	---	---	Pass
11N20/0_T@2	---	---	17.2	2462	Pass
11N40/0_B@1	36.6	2422	---	---	Pass
11N40/0_B@2	---	---	36.6	2422	Pass
11N40/0_M@1	36.6	2437	---	---	Pass
11N40/0_M@2	---	---	36.4	2437	Pass
11N40/0_T@1	36.6	2452	---	---	Pass
11N40/0_T@2	---	---	36.6	2452	Pass
11N20m/8_B@1+2	17.1	2411.95	16.95	2412.175	Pass
11N20m/8_M@1+2	17.2	2437.05	16.7	2437	Pass
11N20m/8_T@1+2	17.3	2462	16.6	2461.95	Pass
11N40m/8_B@1+2	36.5	2421.95	36.6	2422	Pass
11N40m/8_M@1+2	36.6	2437	36.5	2437.05	Pass
11N40m/8_T@1+2	36.6	2452	36.5	2452.05	Pass

2 Test Plot

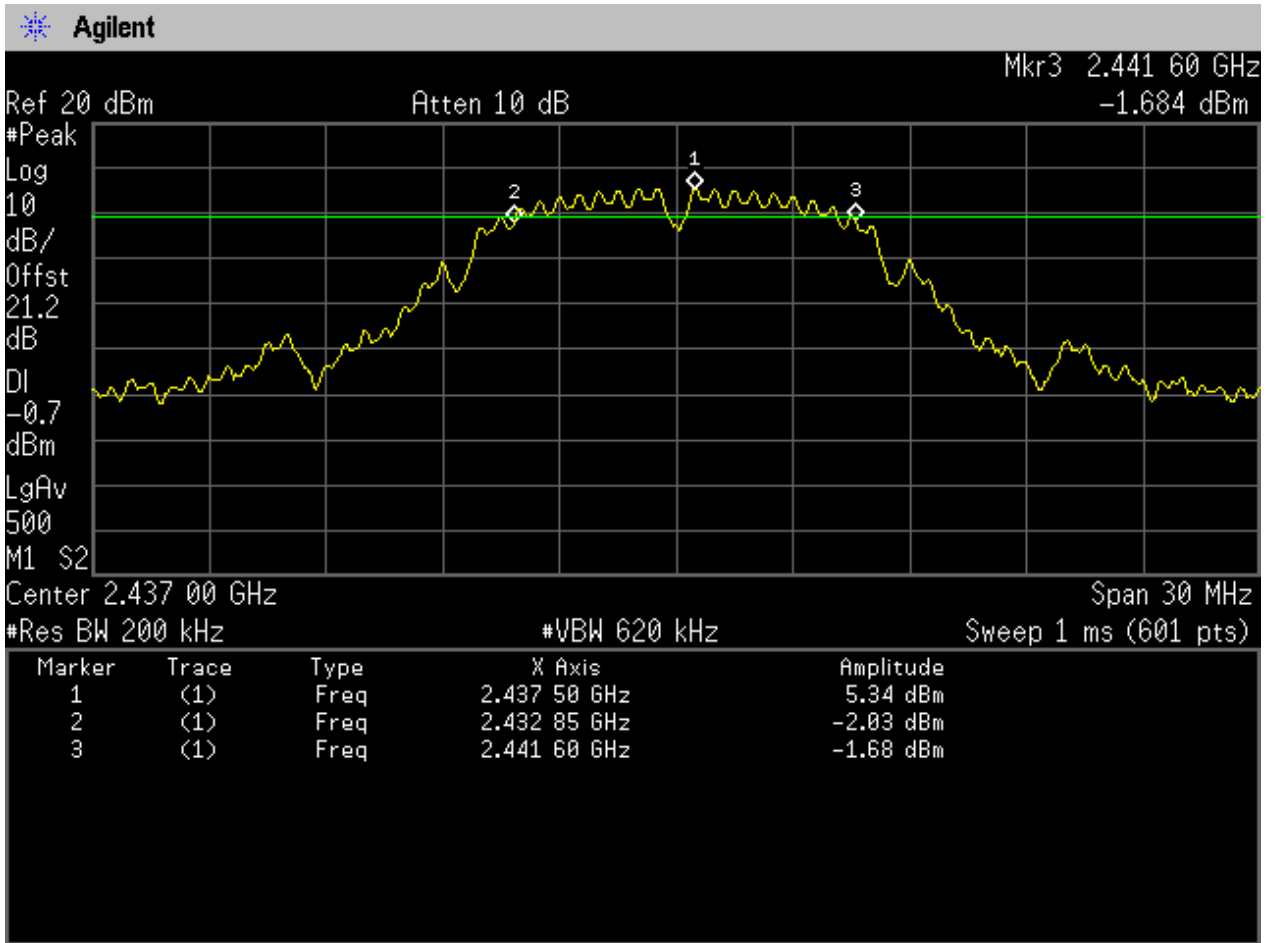
2.1 11B/1_B@1



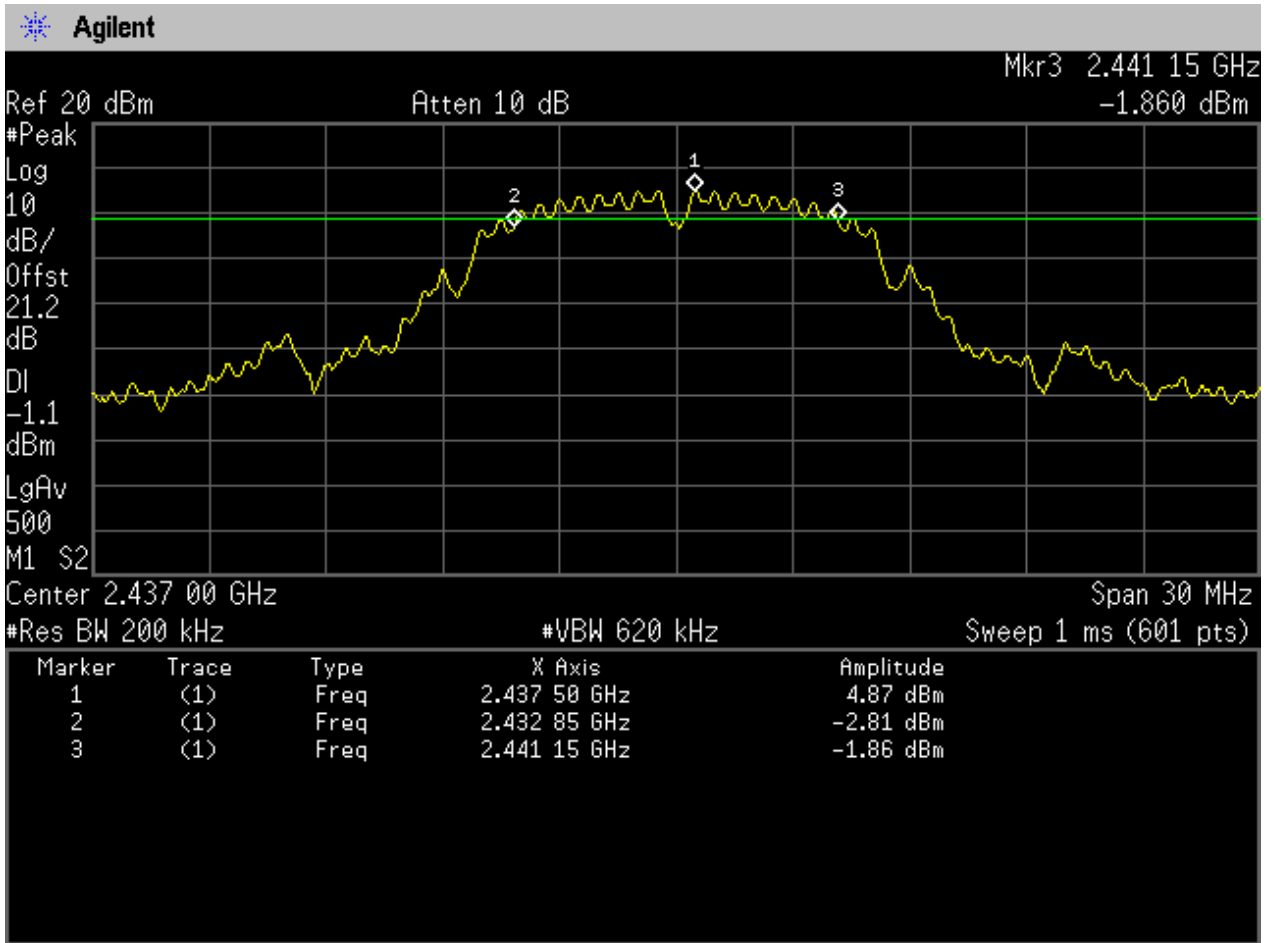
2.2 11B/1_B@2



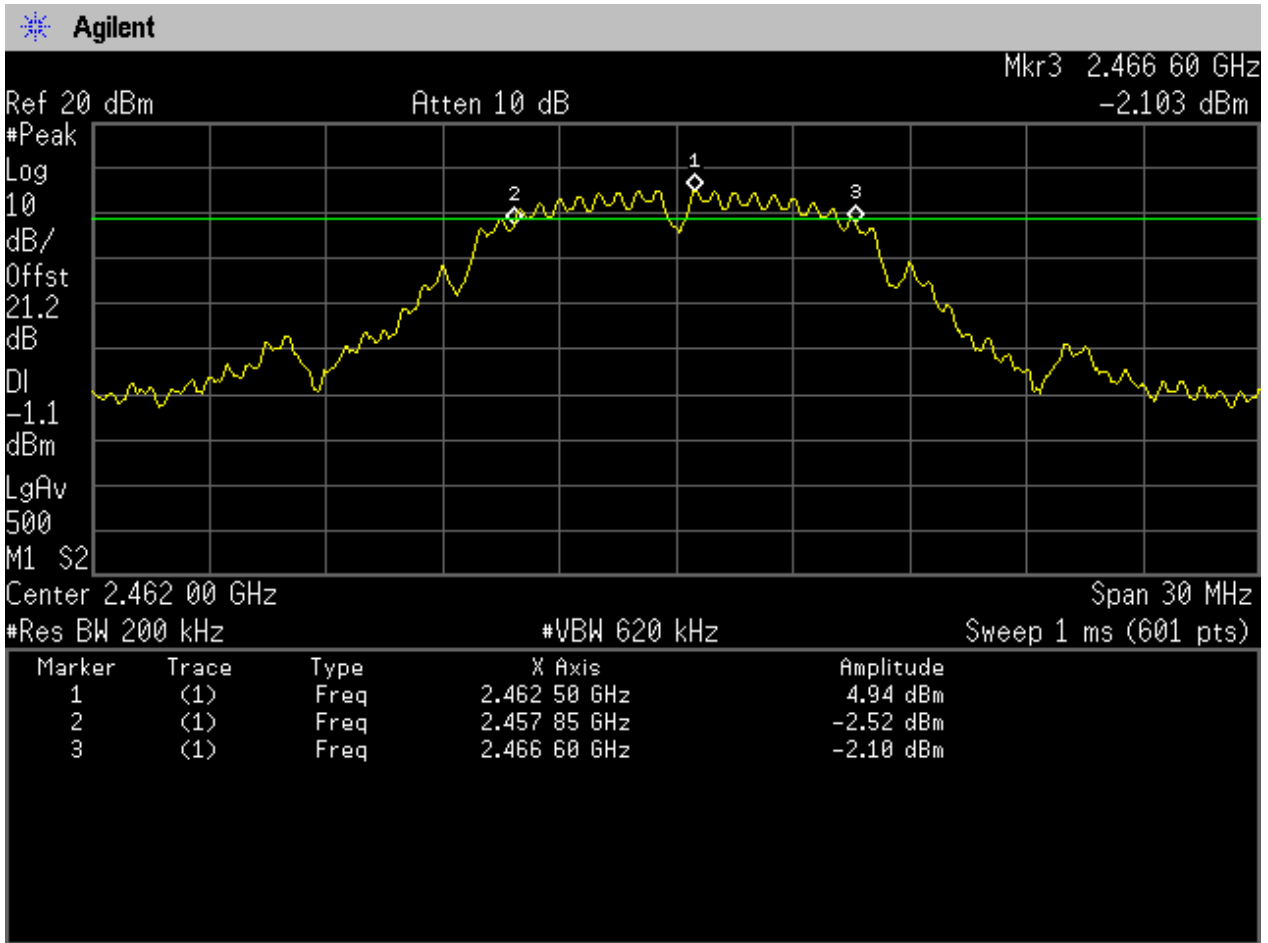
2.3 11B/1_M@1



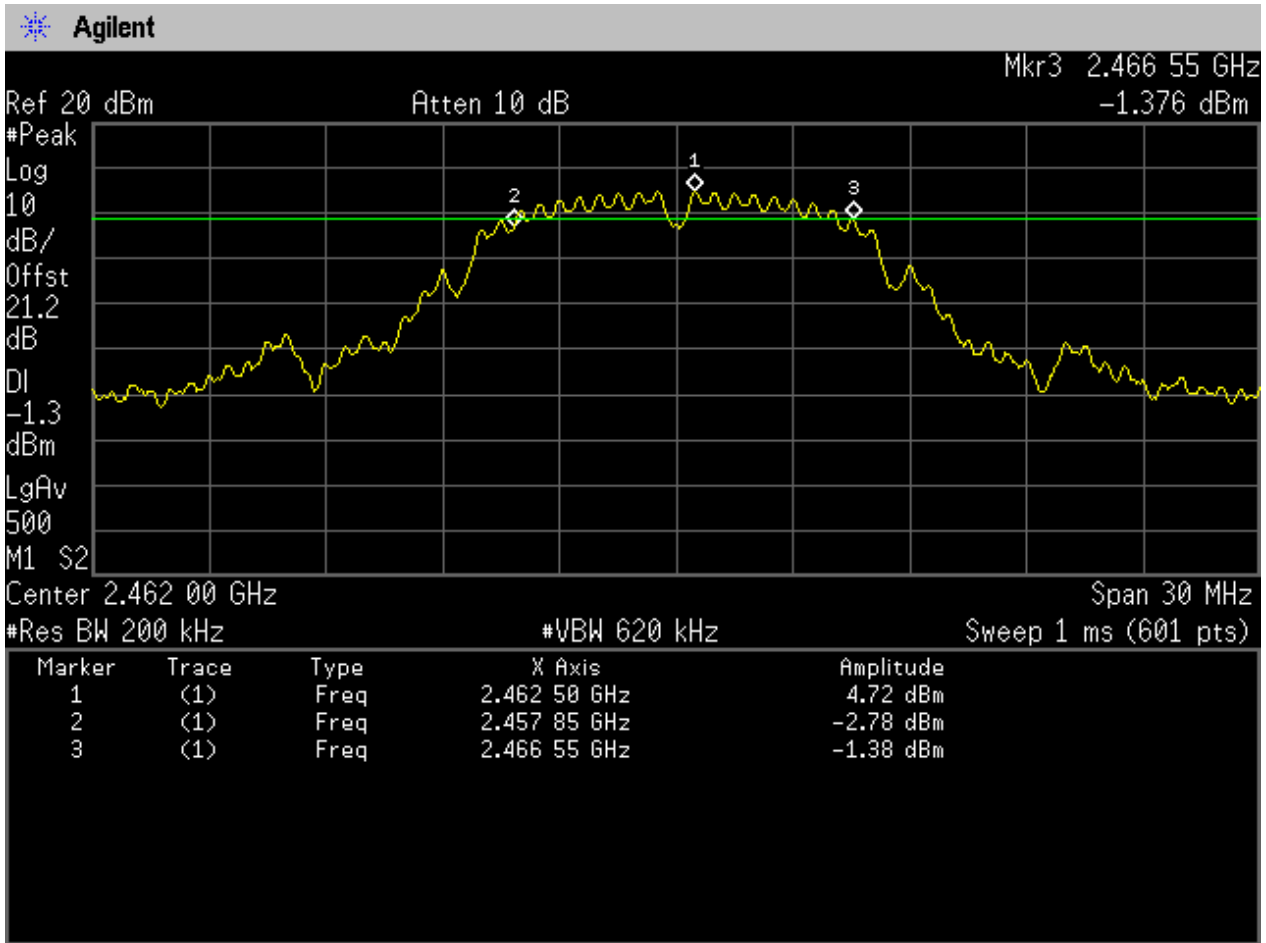
2.4 11B/1_M@2



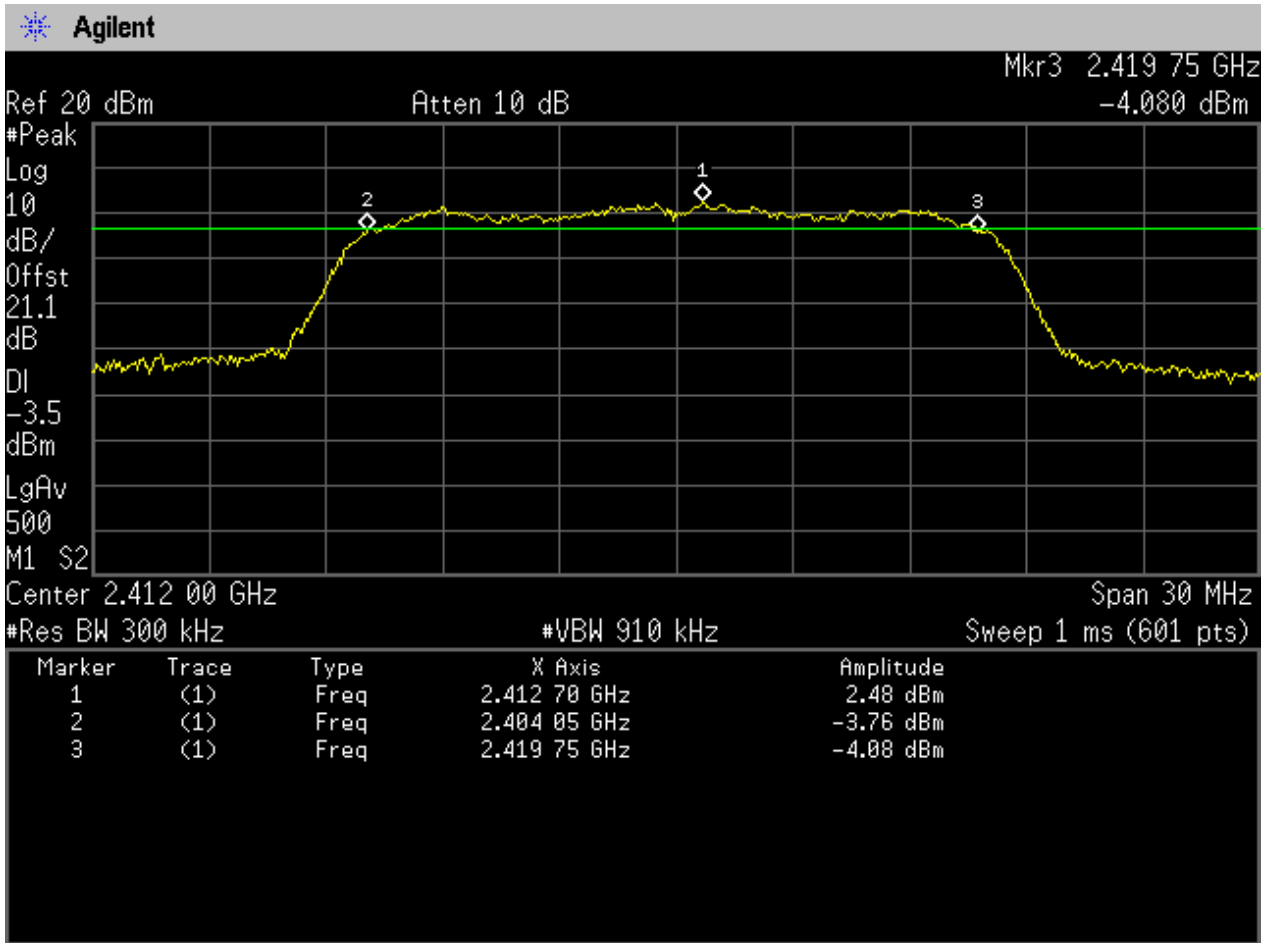
2.5 11B/1_T@1



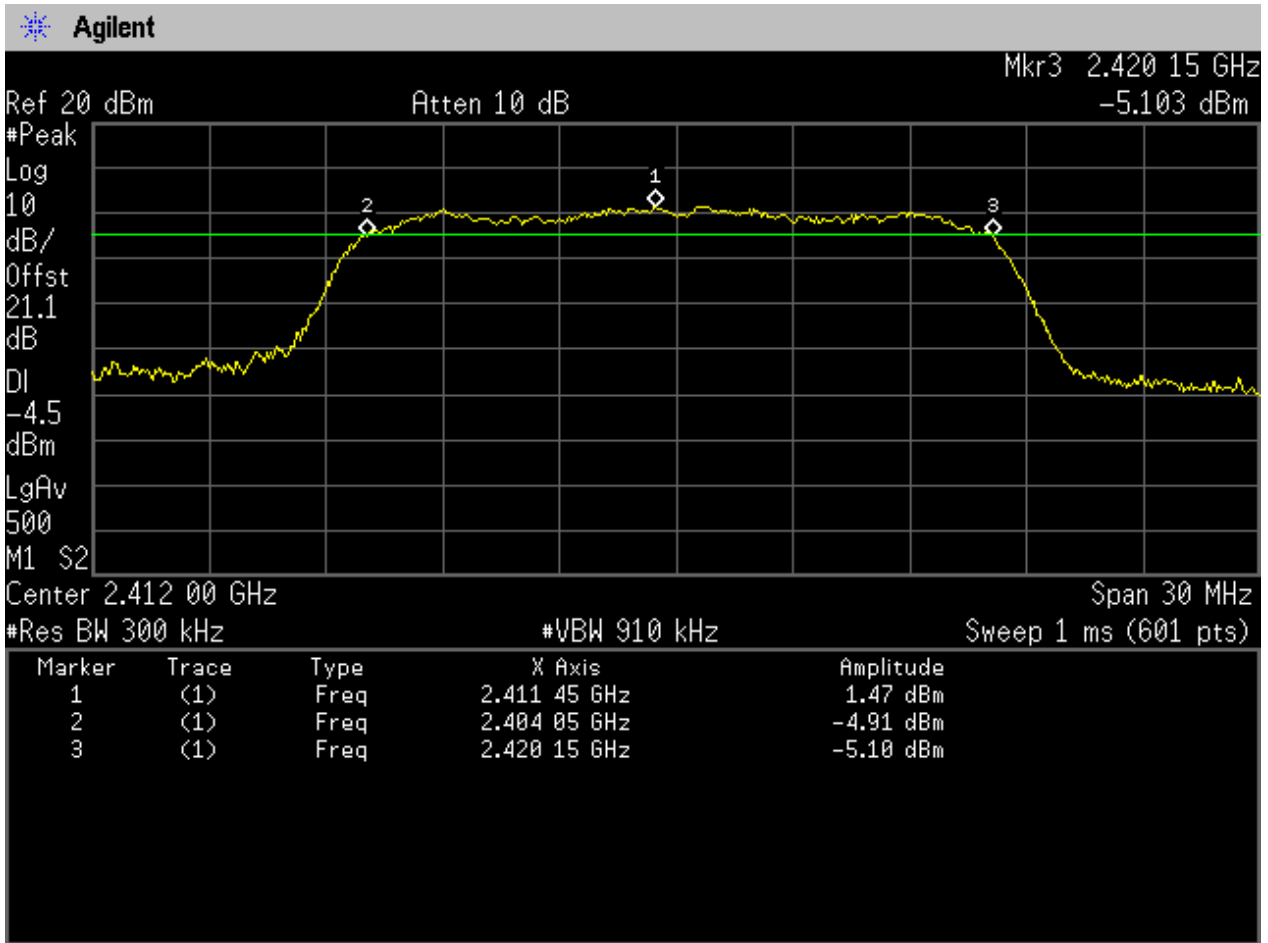
2.6 11B/1_T@2



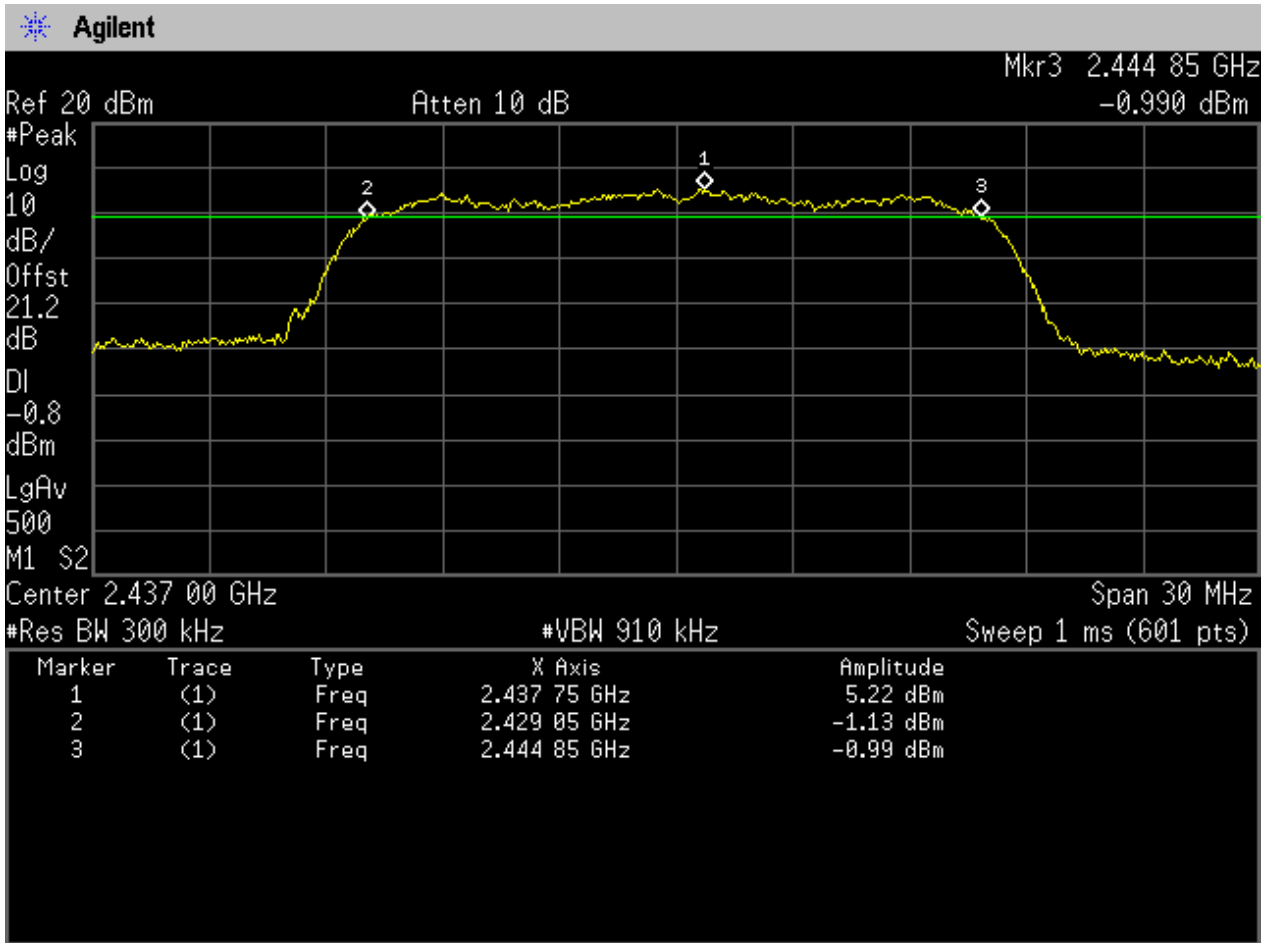
2.7 11G/6_B@1



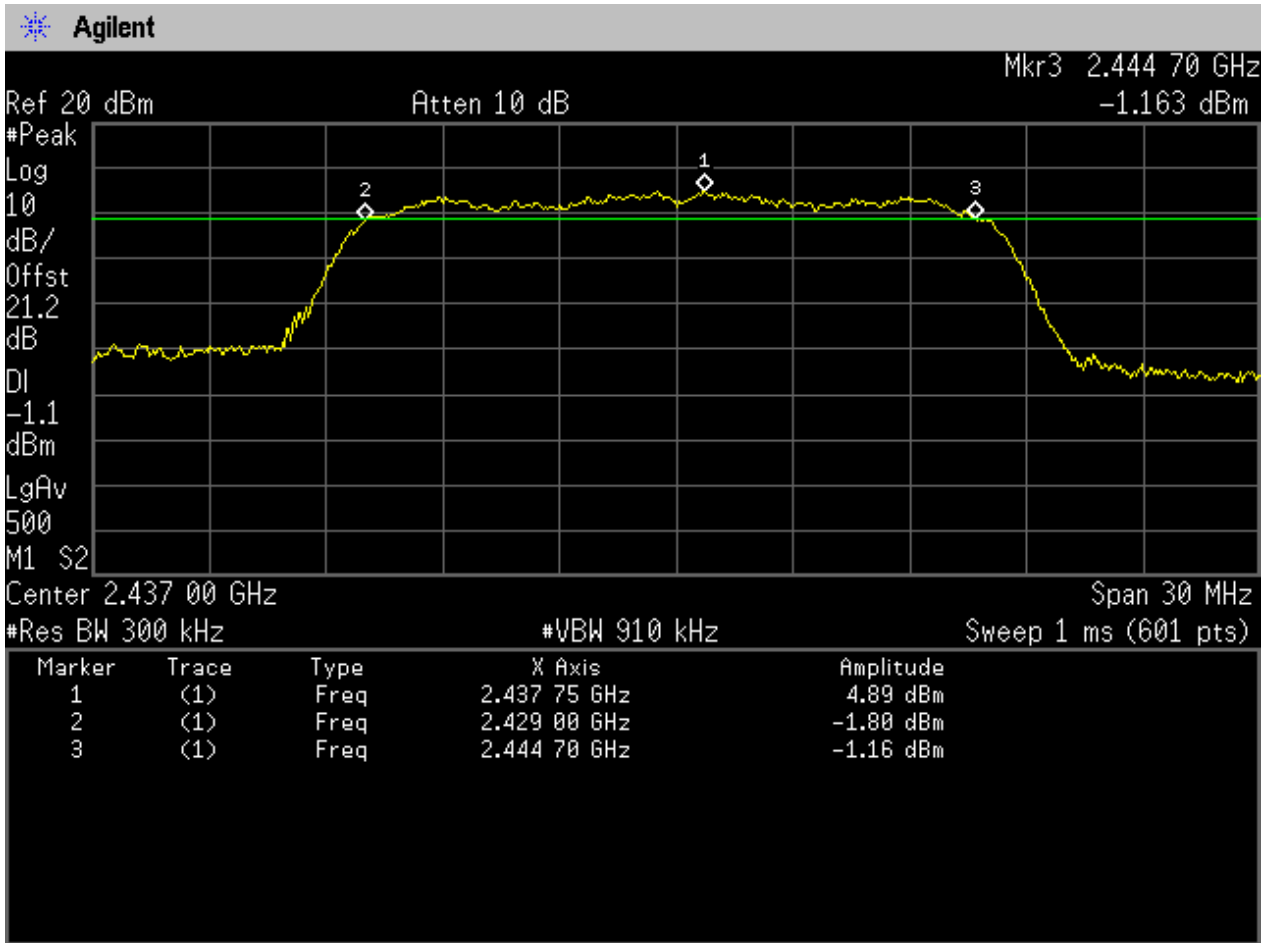
2.8 11G/6_B@2



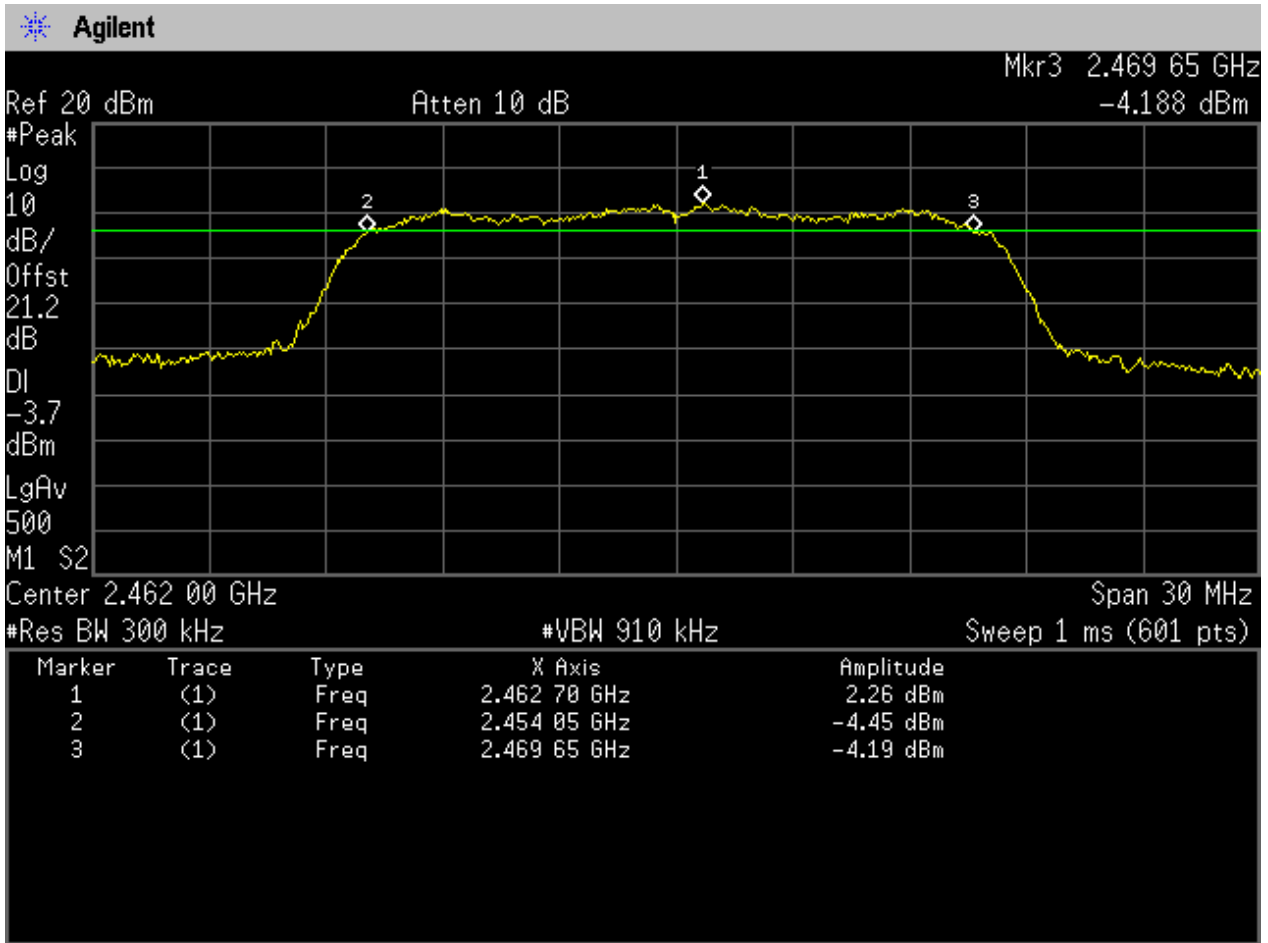
2.9 11G/6_M@1



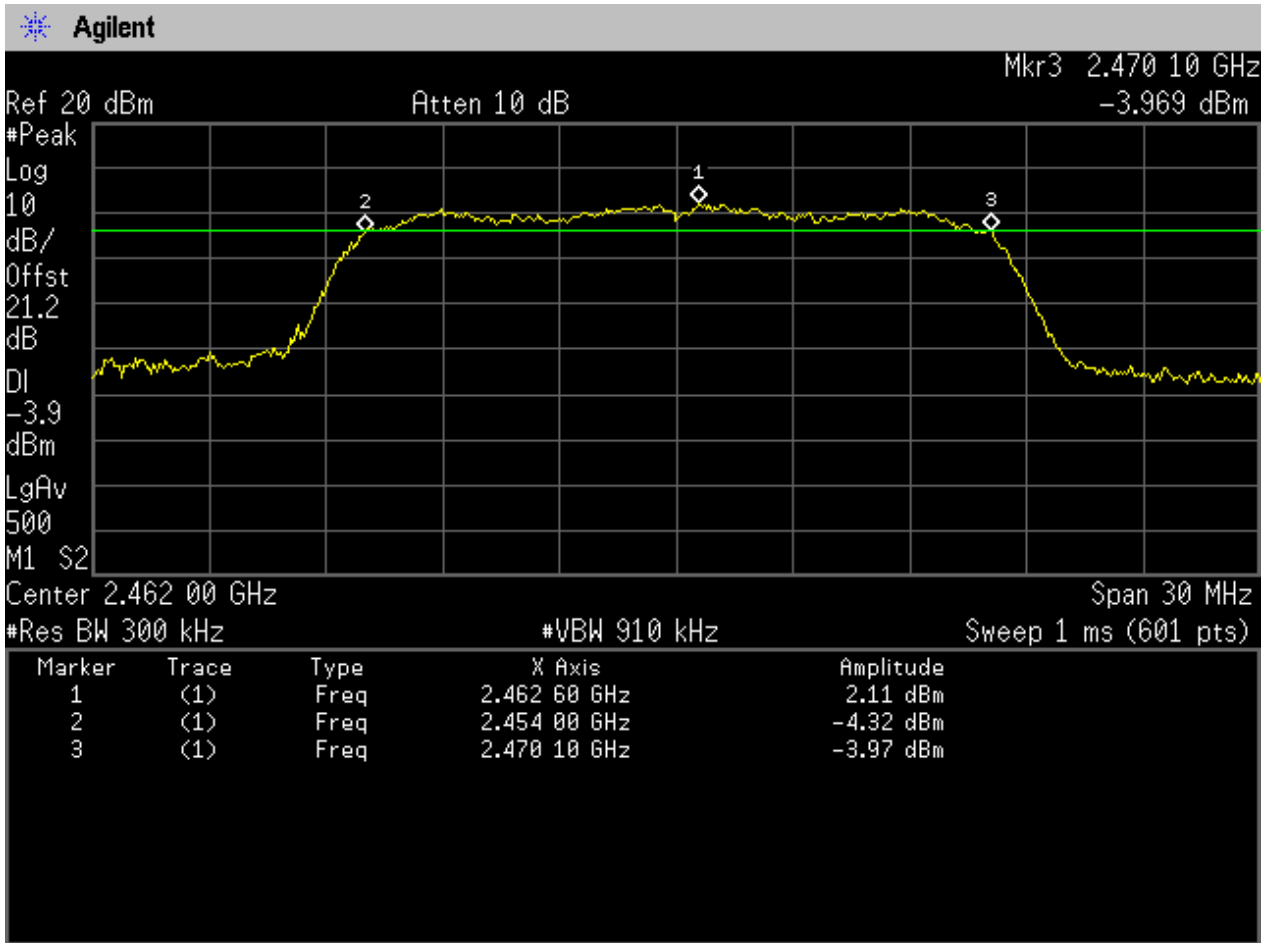
2.1011G/6_M@2



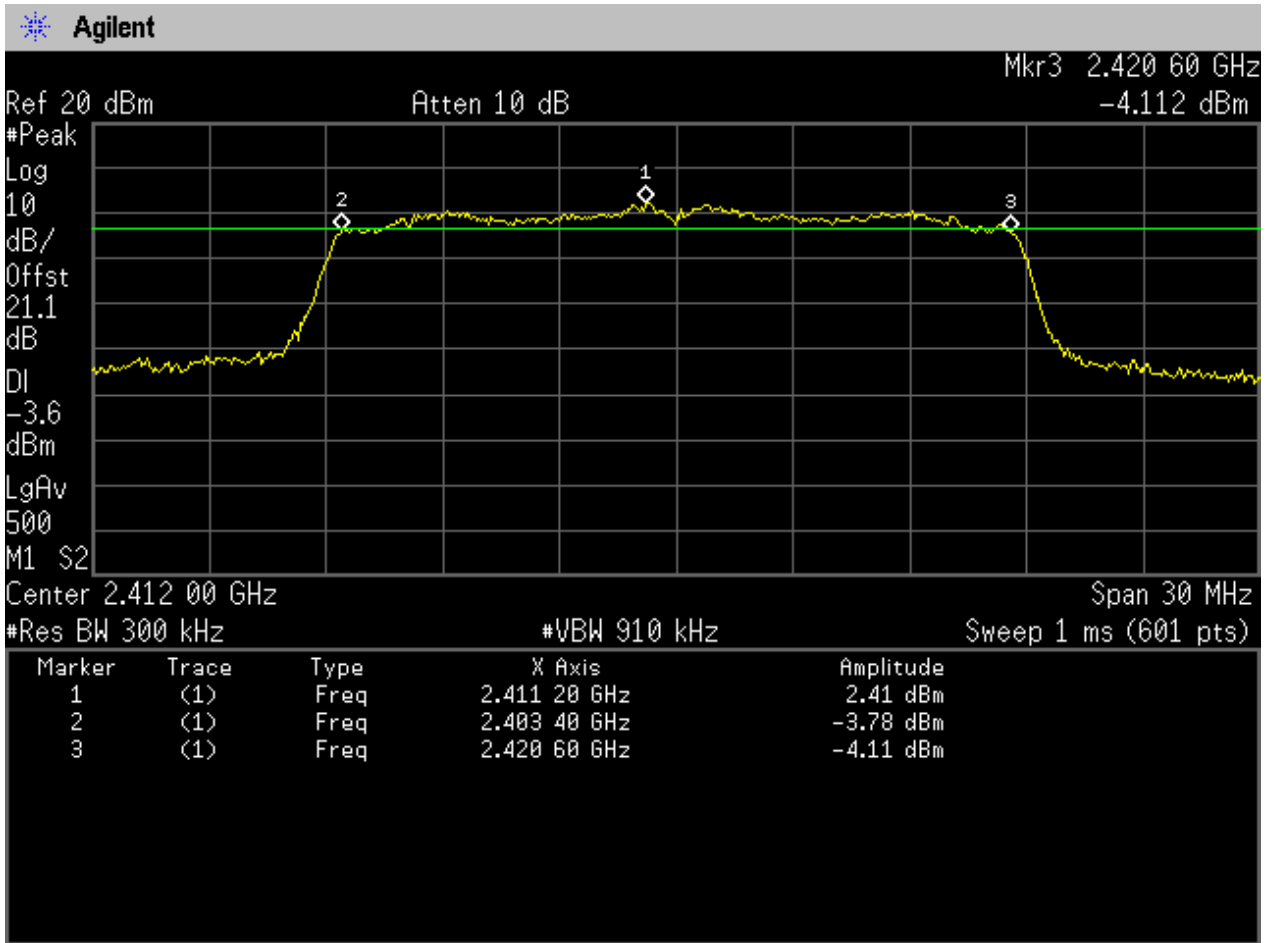
2.1111G/6_T@1



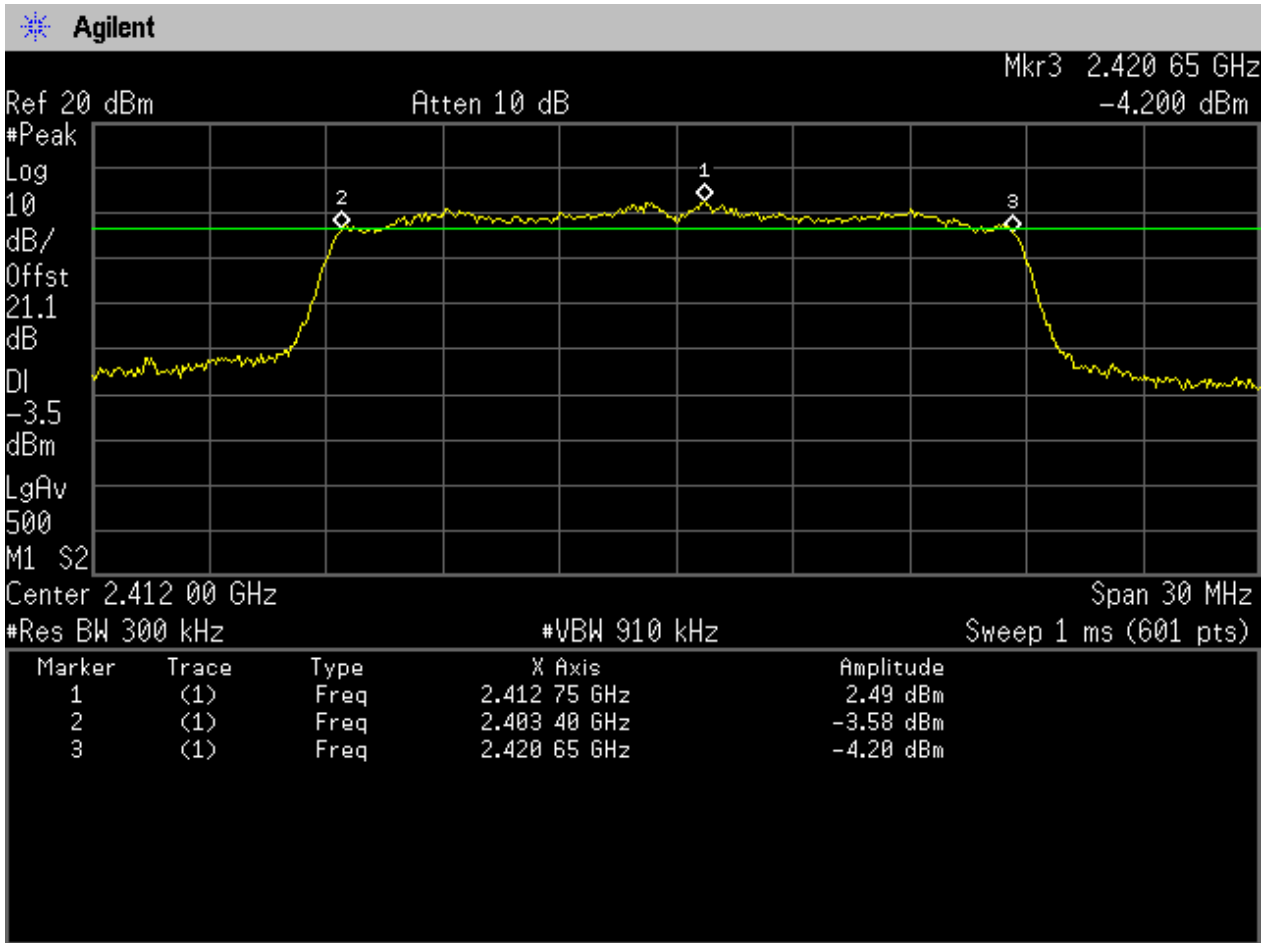
2.1211G/6_T@2



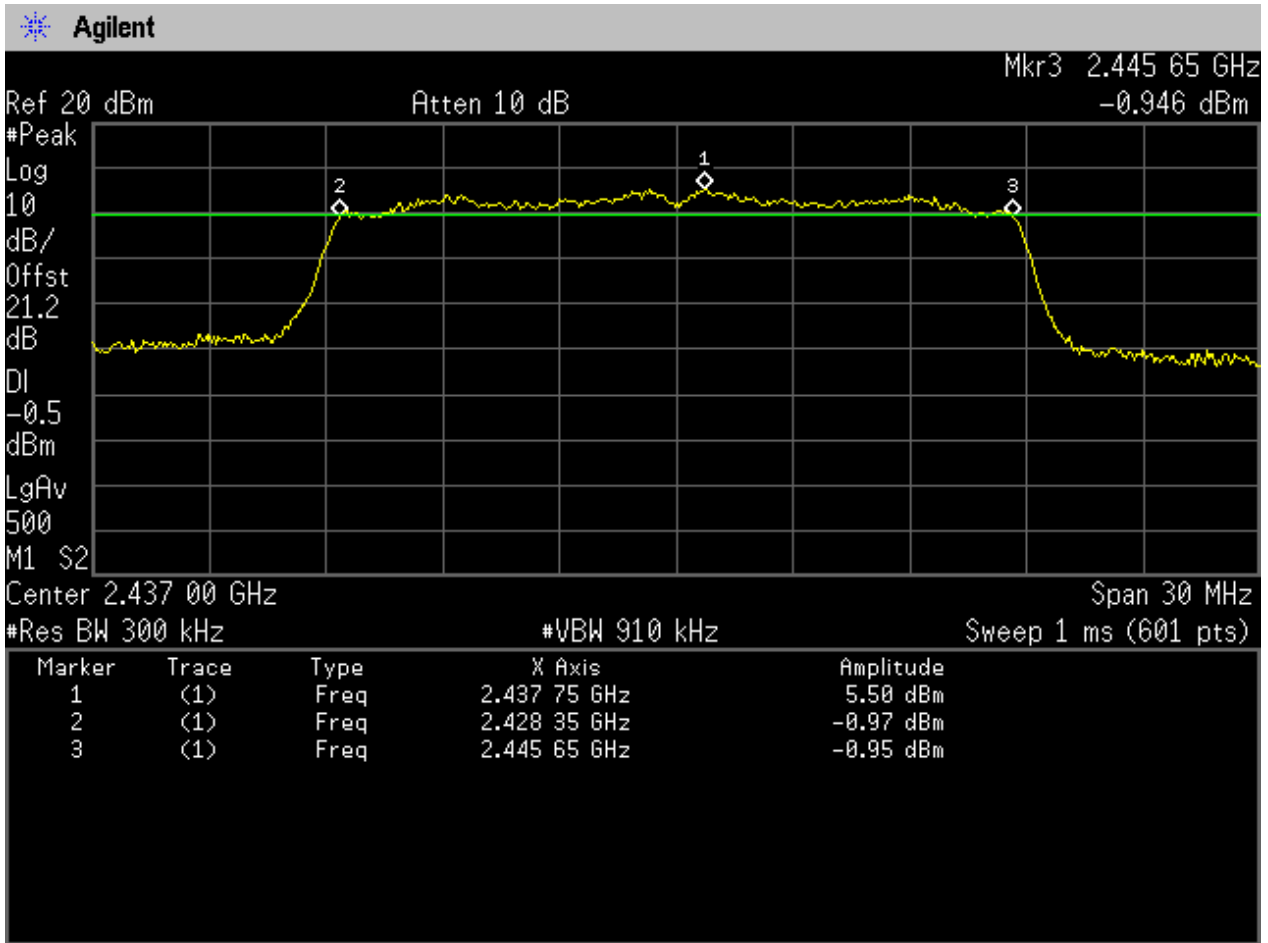
2.1311N20/0_B@1



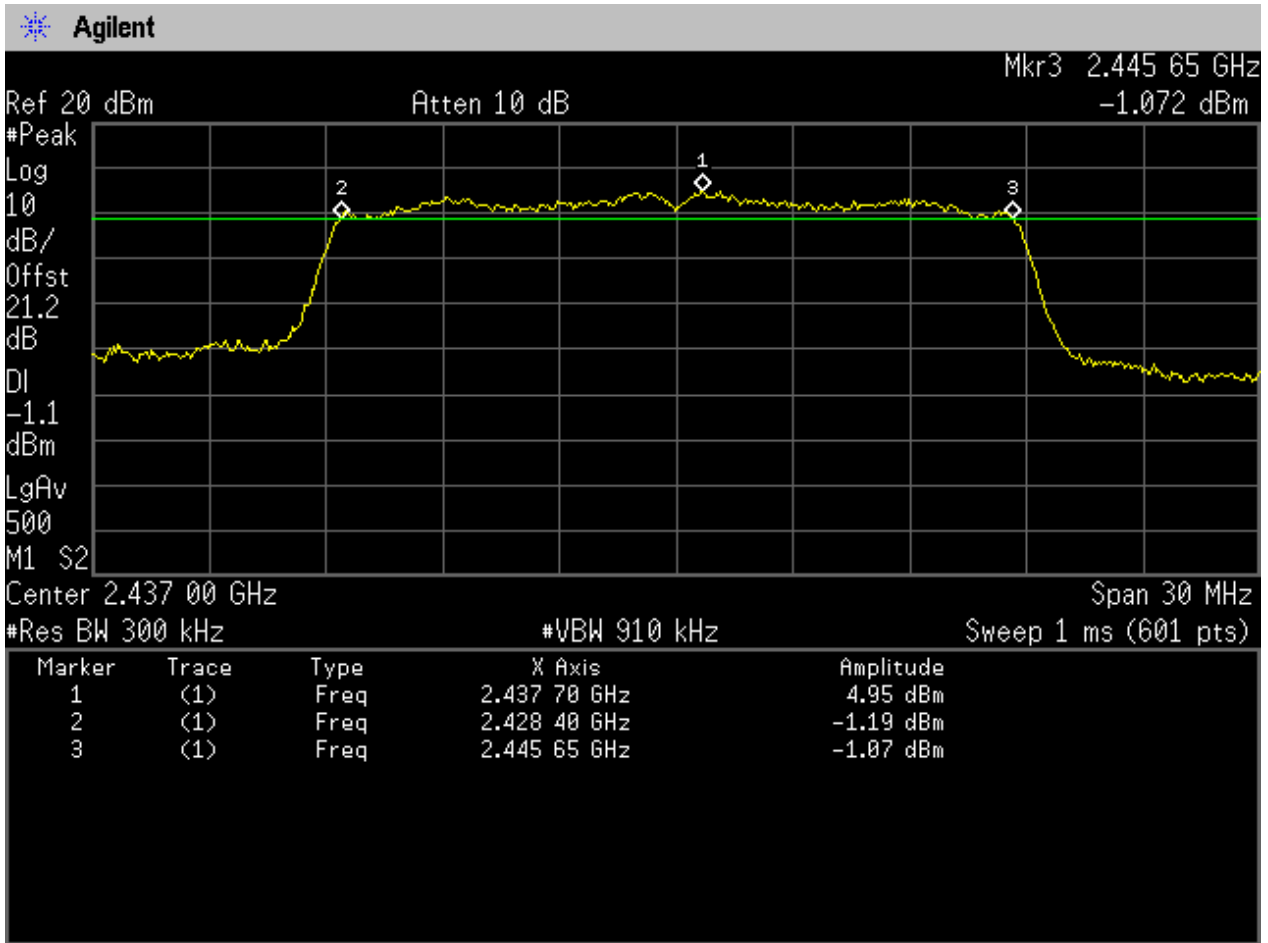
2.1411N20/0_B@2



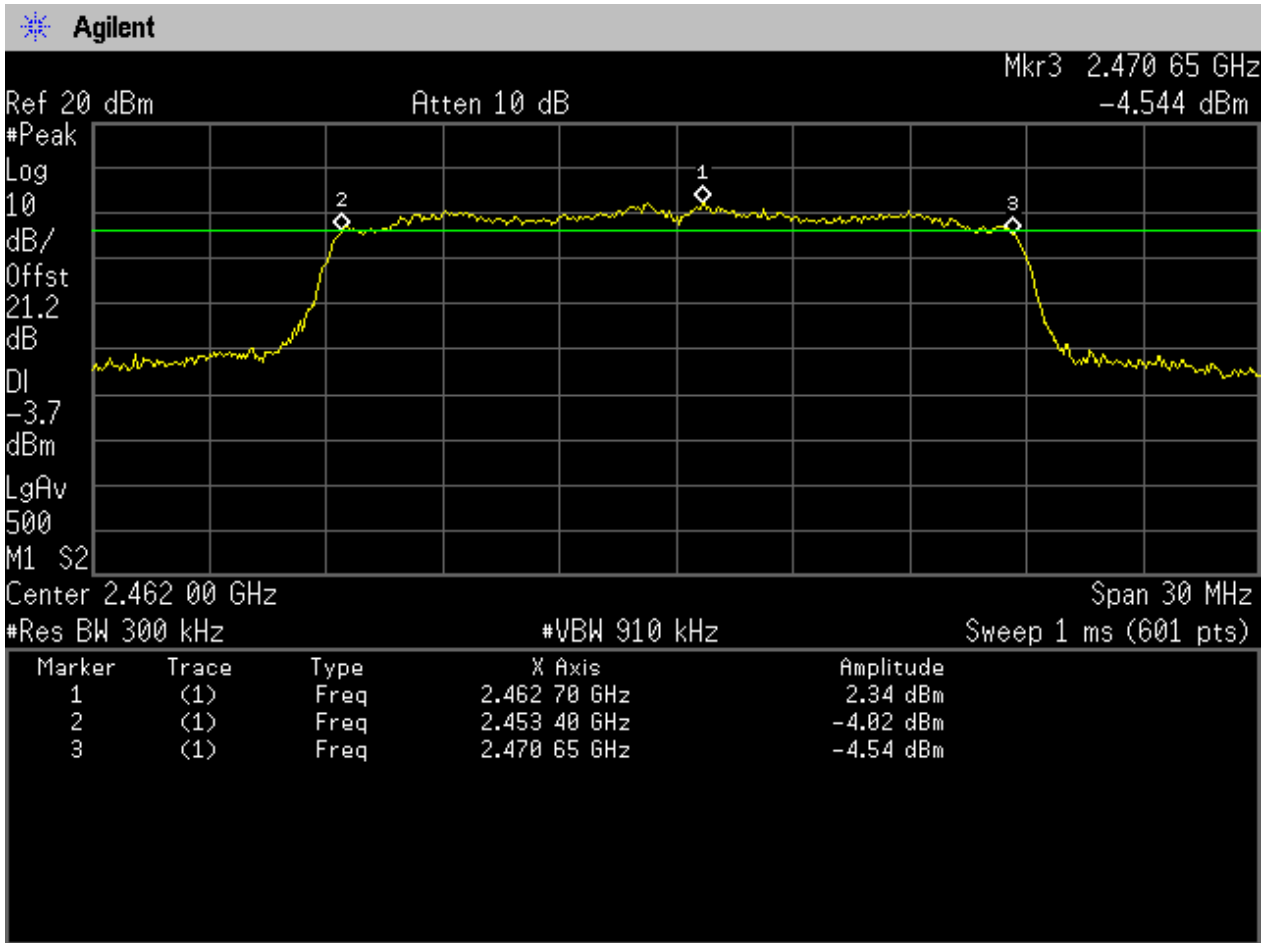
2.1511N20/0_M@1



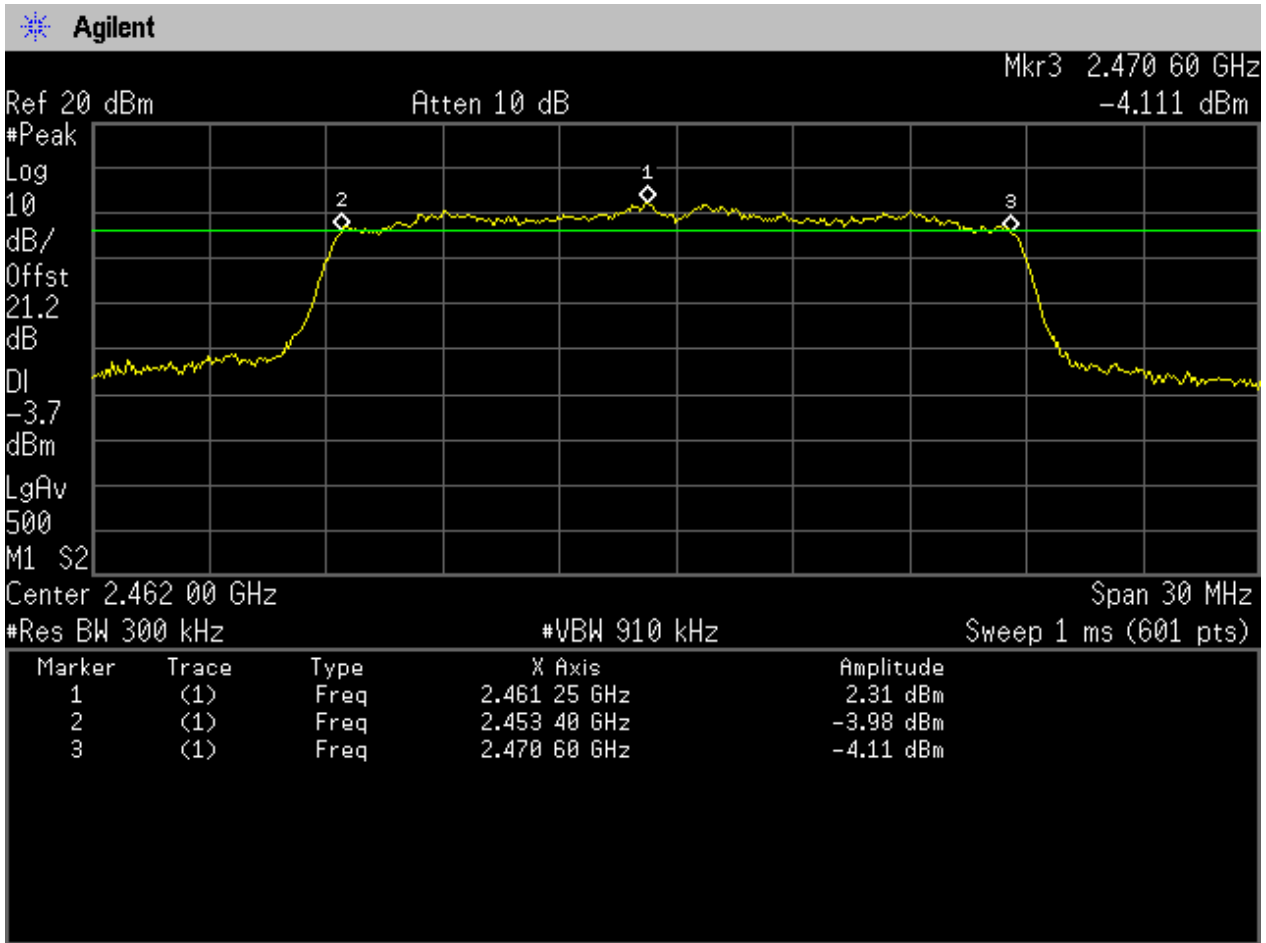
2.1611N20/0_M@2



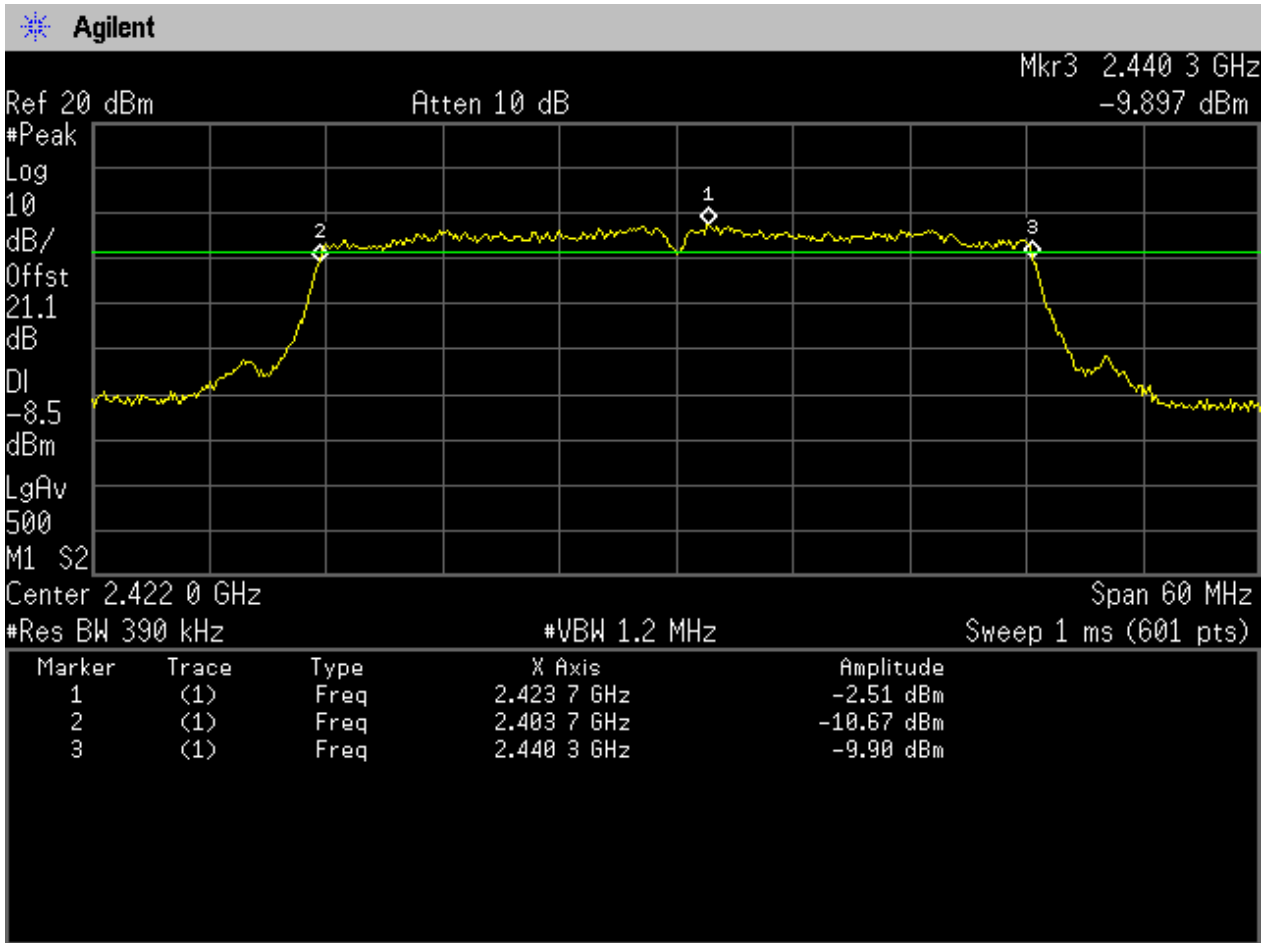
2.1711N20/0_T@1



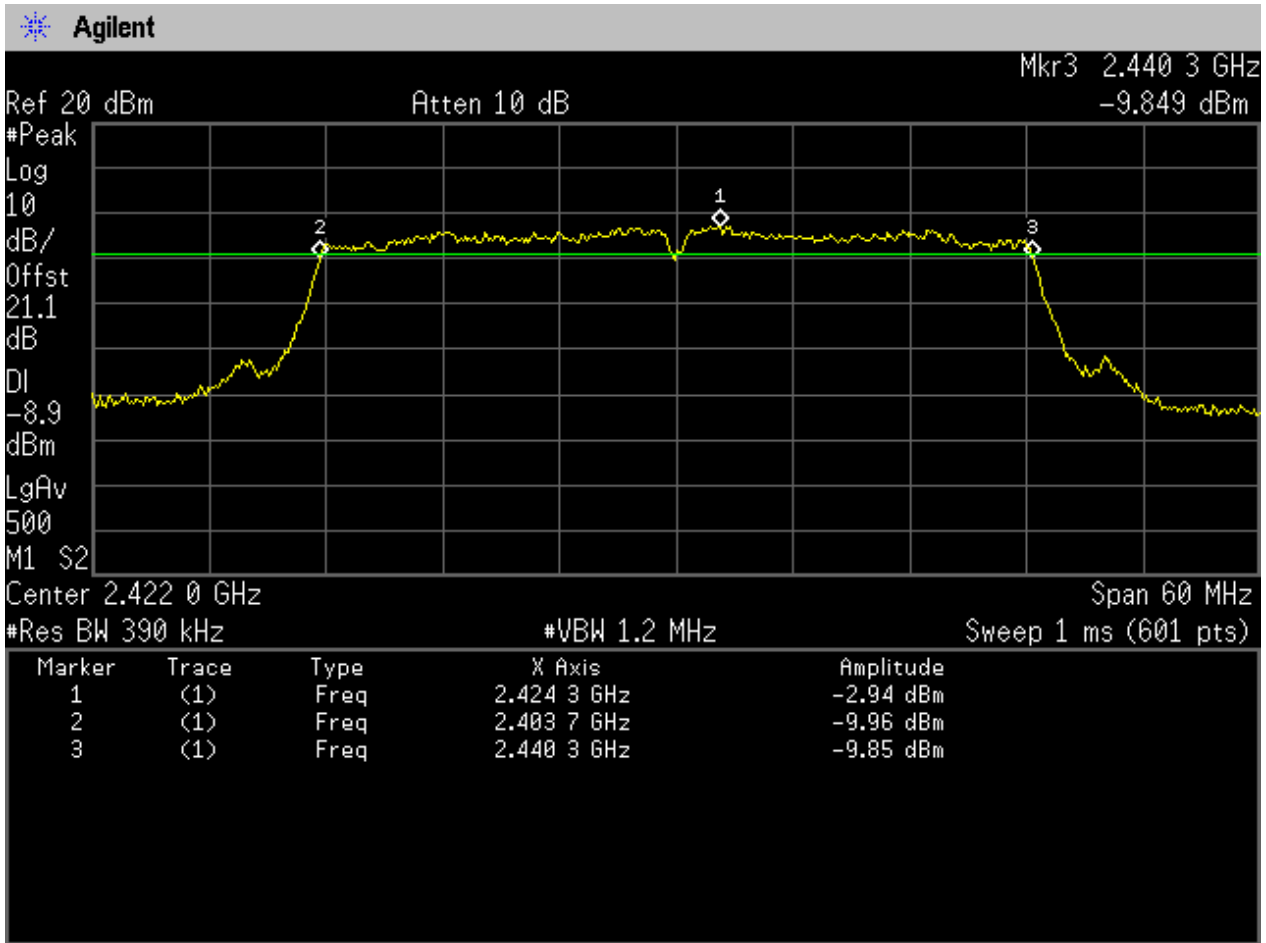
2.1811N20/0_T@2



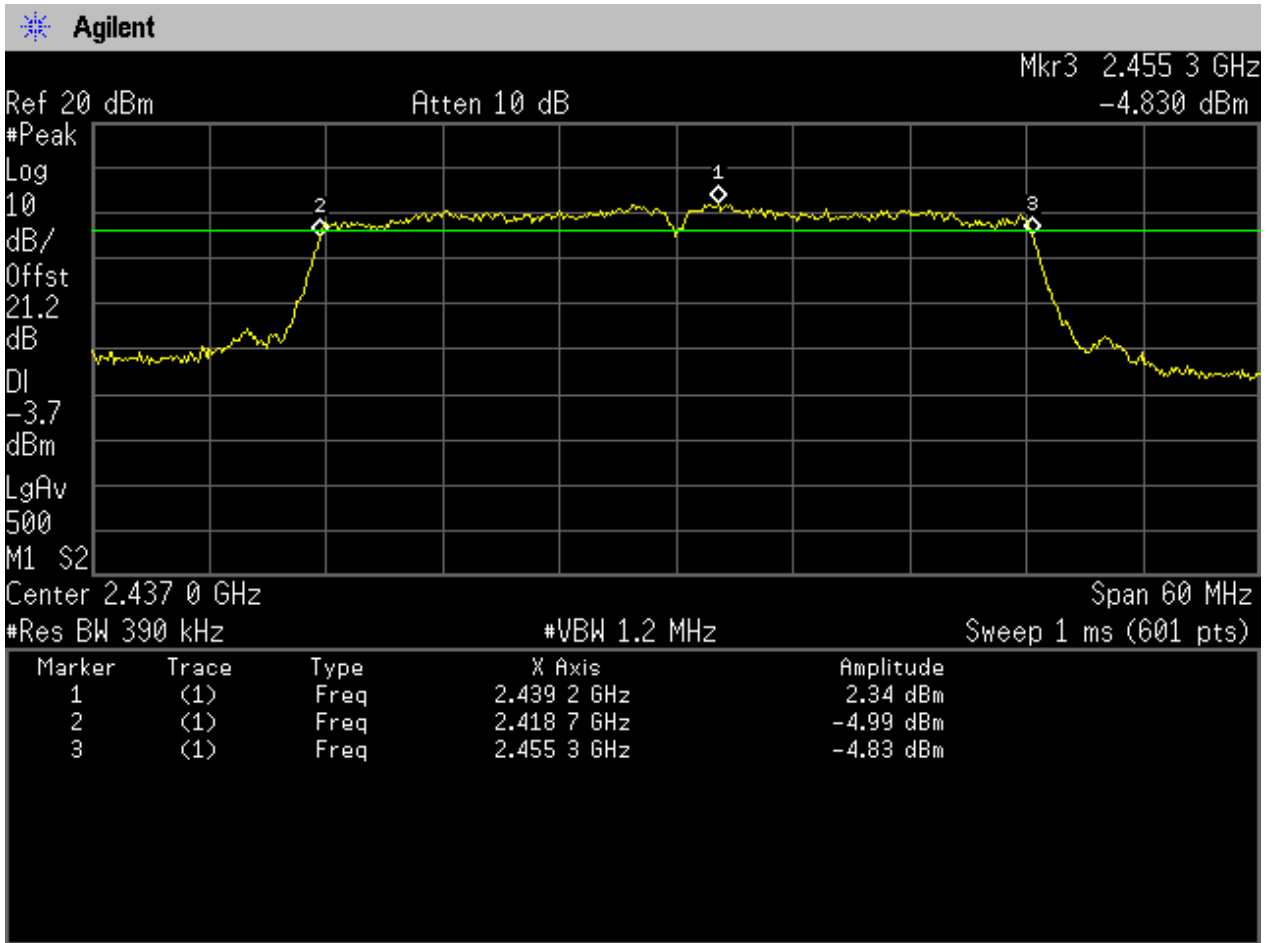
2.1911N40/0_B@1



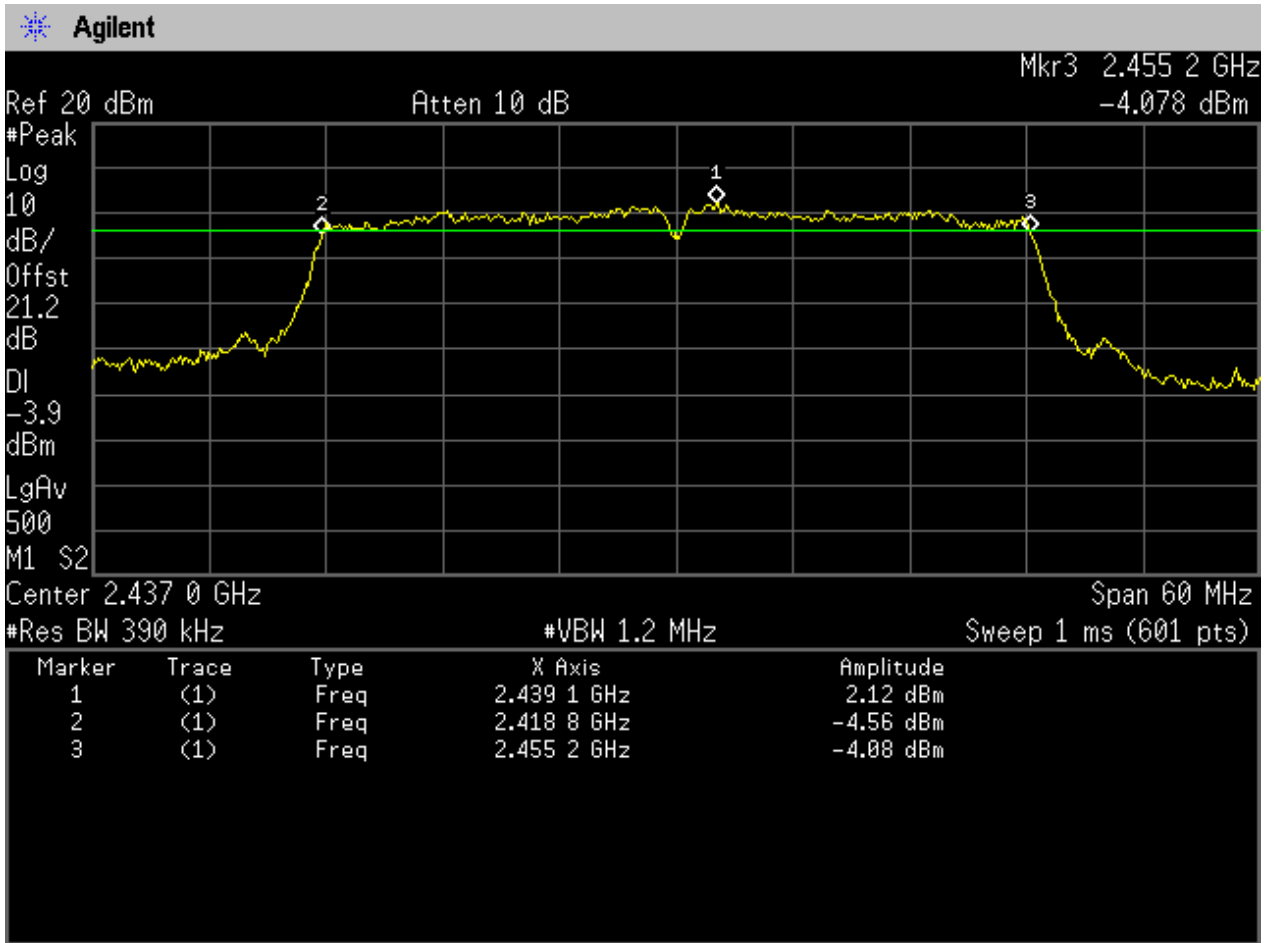
2.2011N40/0_B@2



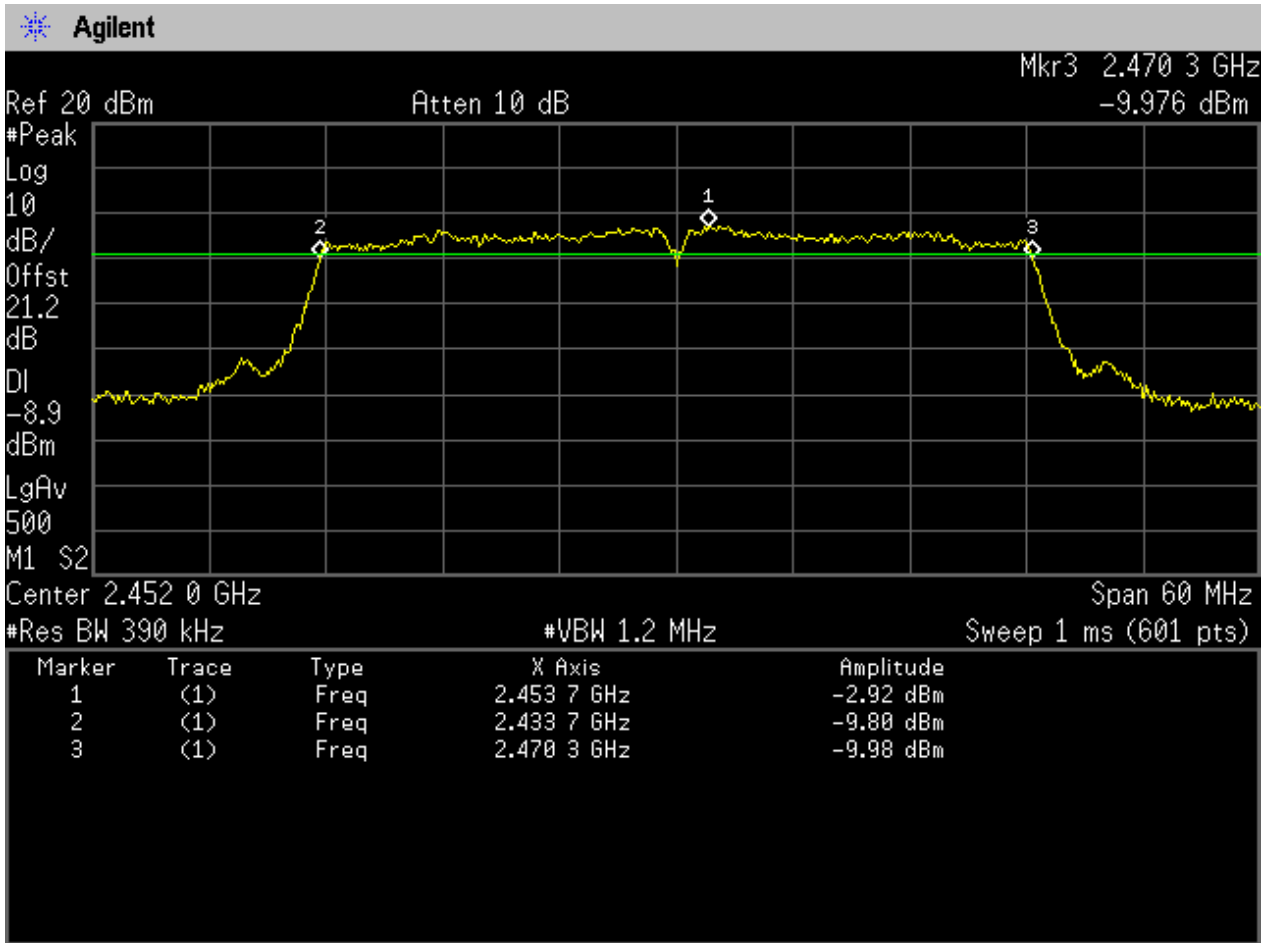
2.2111N40/0_M@1



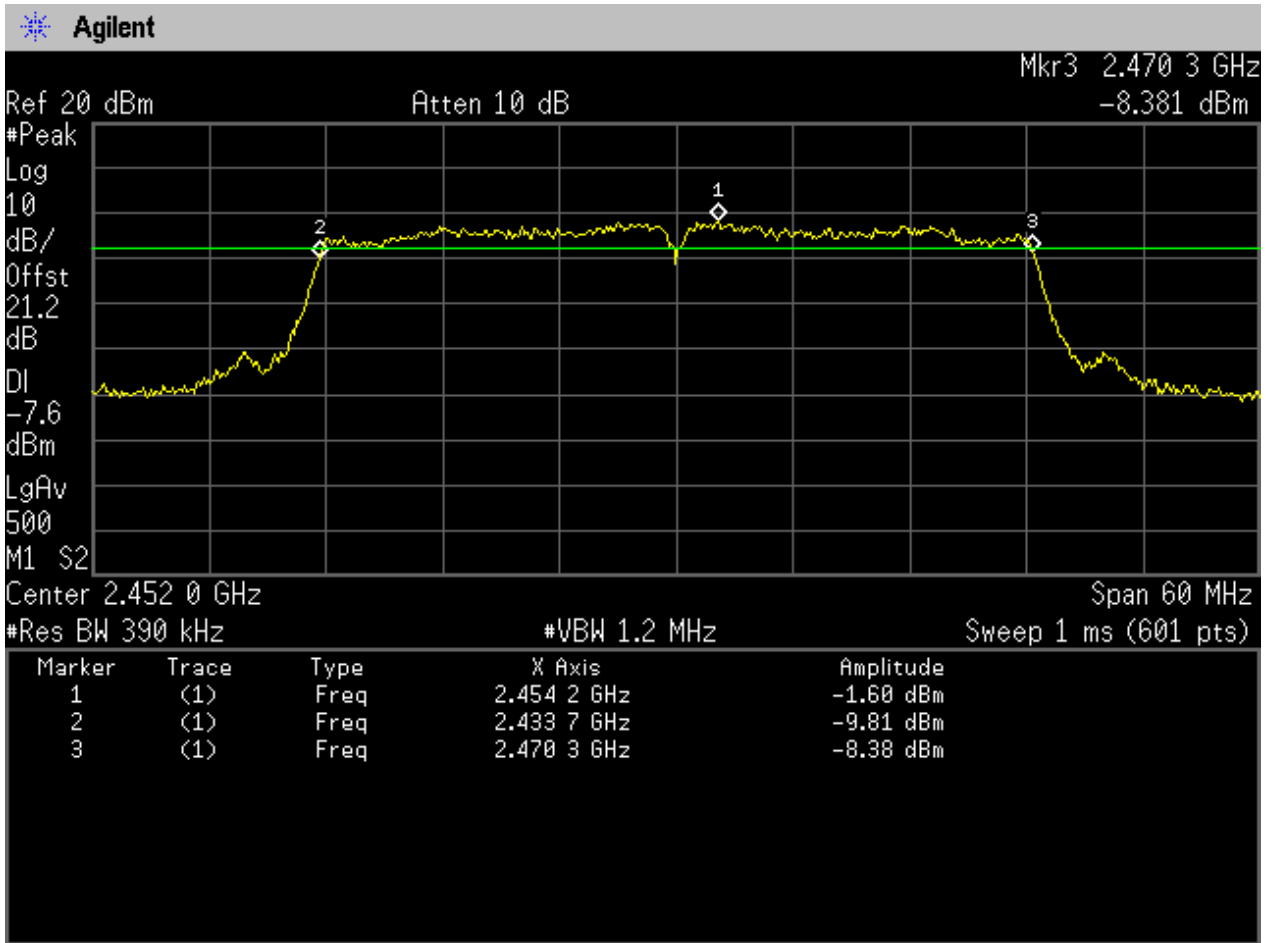
2.2211N40/0_M@2



2.2311N40/0_T@1

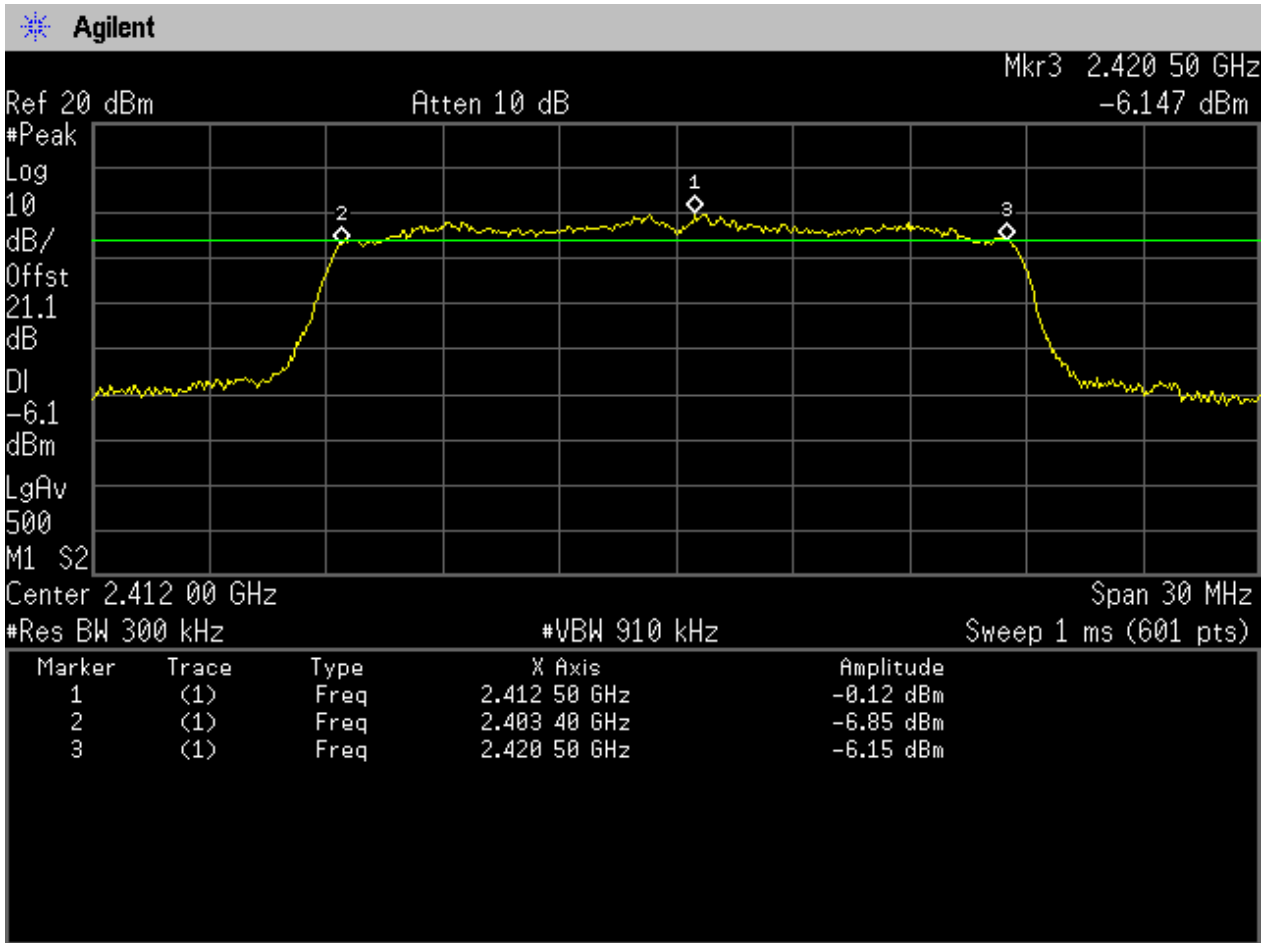


2.2411N40/0_T@2

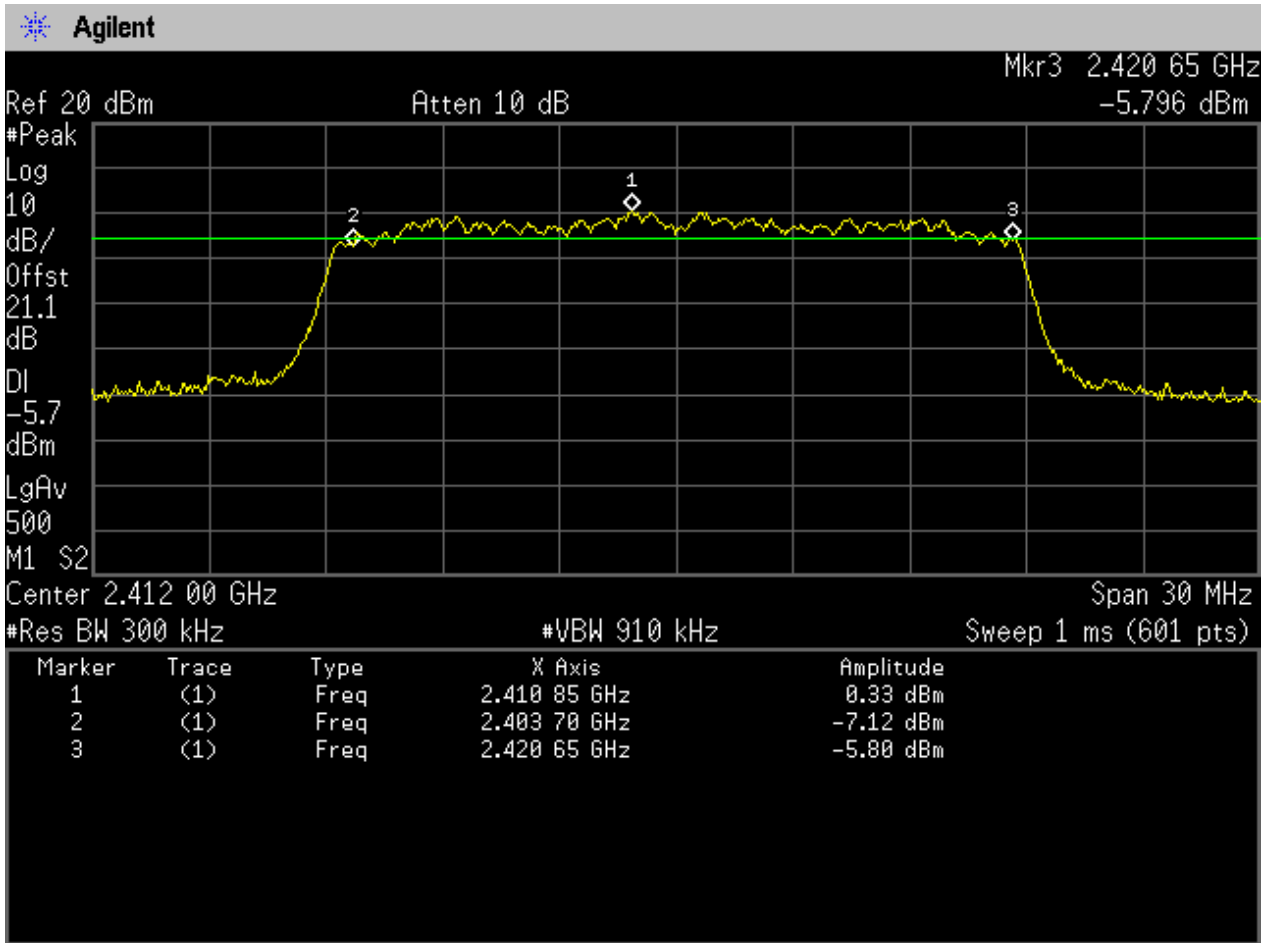


2.2511N20m/8_B@1+2

2.25.1 Ant 1

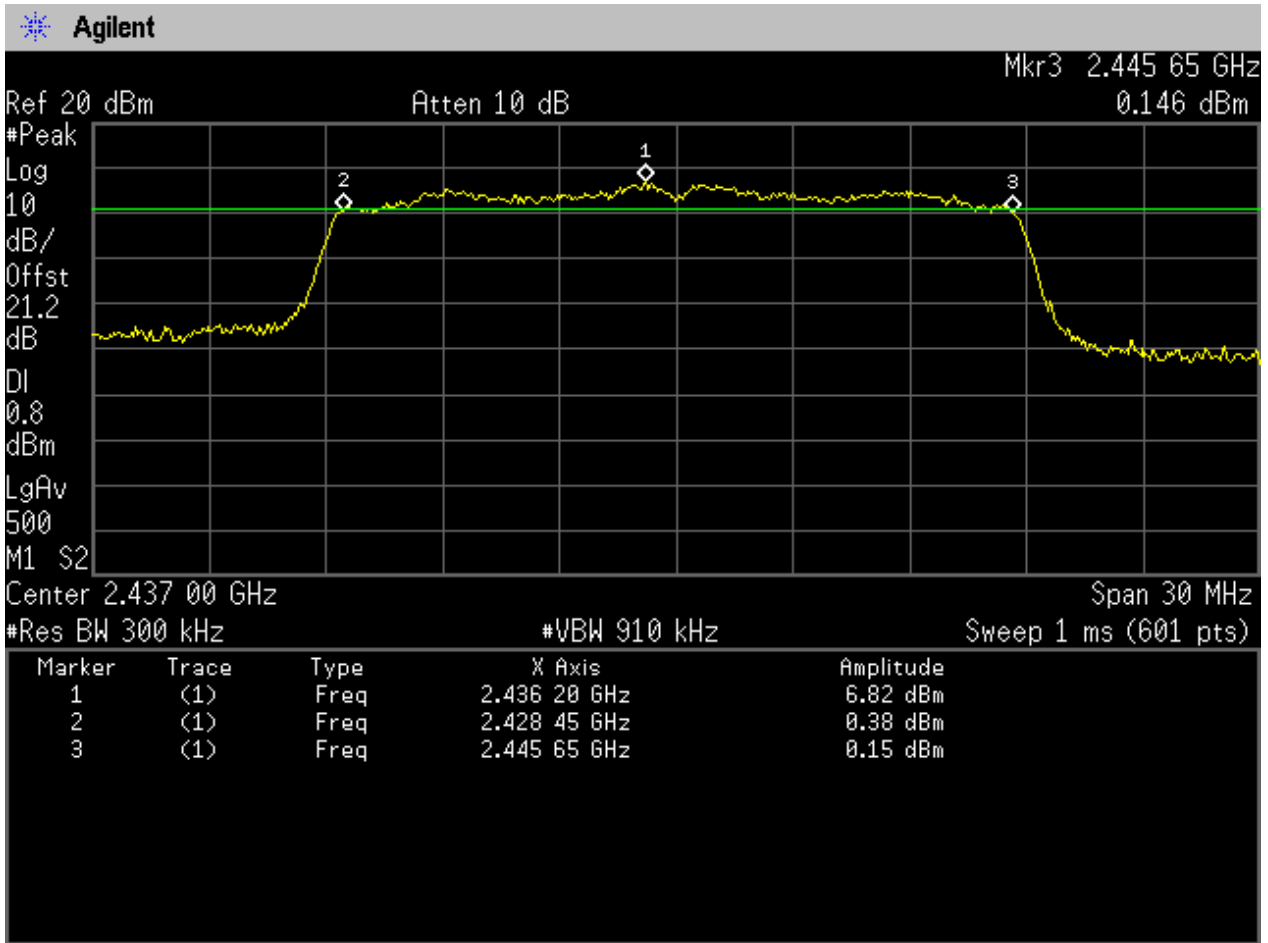


2.25.2 Ant 2

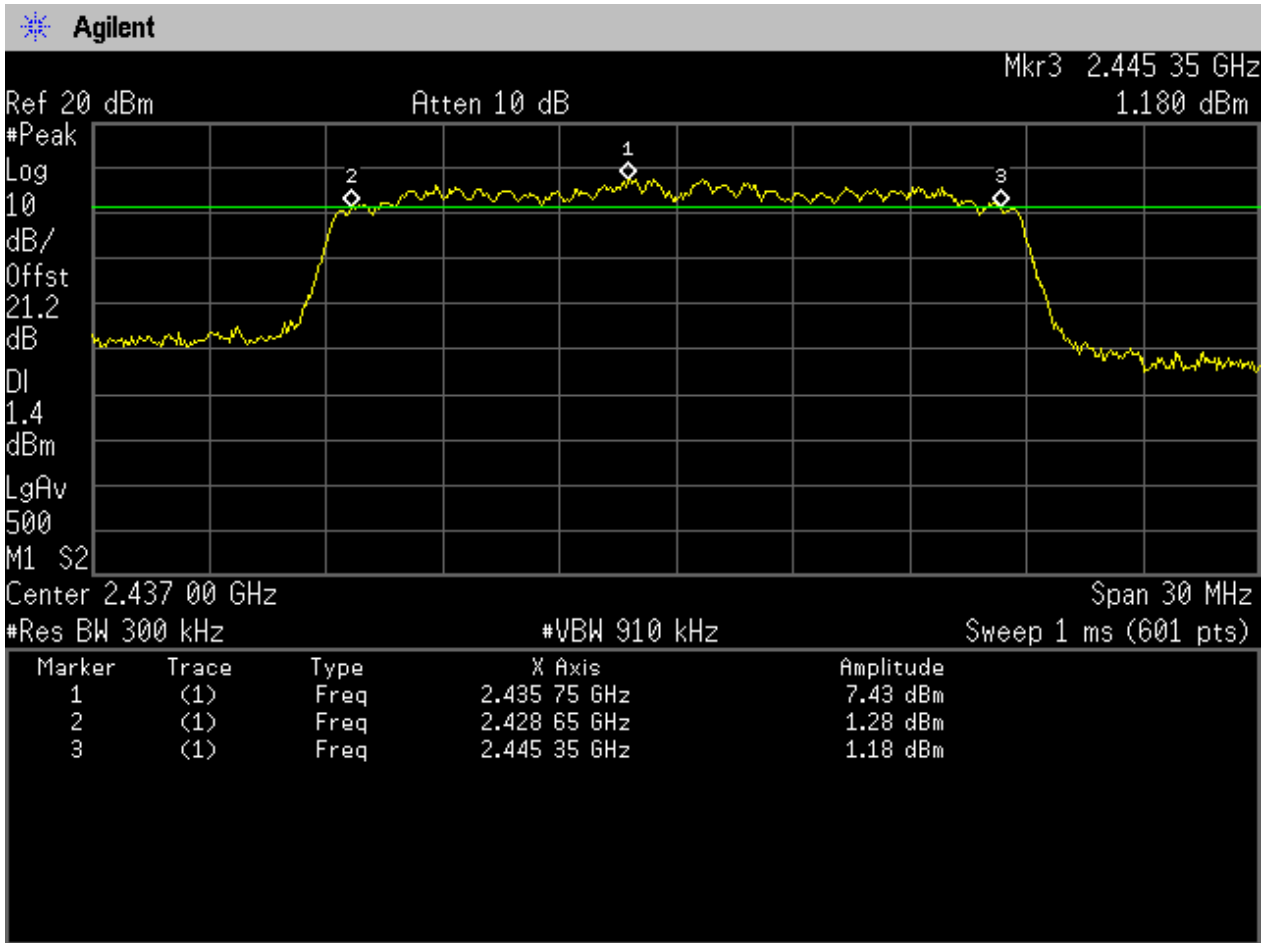


2.2611N20m/8_M@1+2

2.26.1 Ant 1

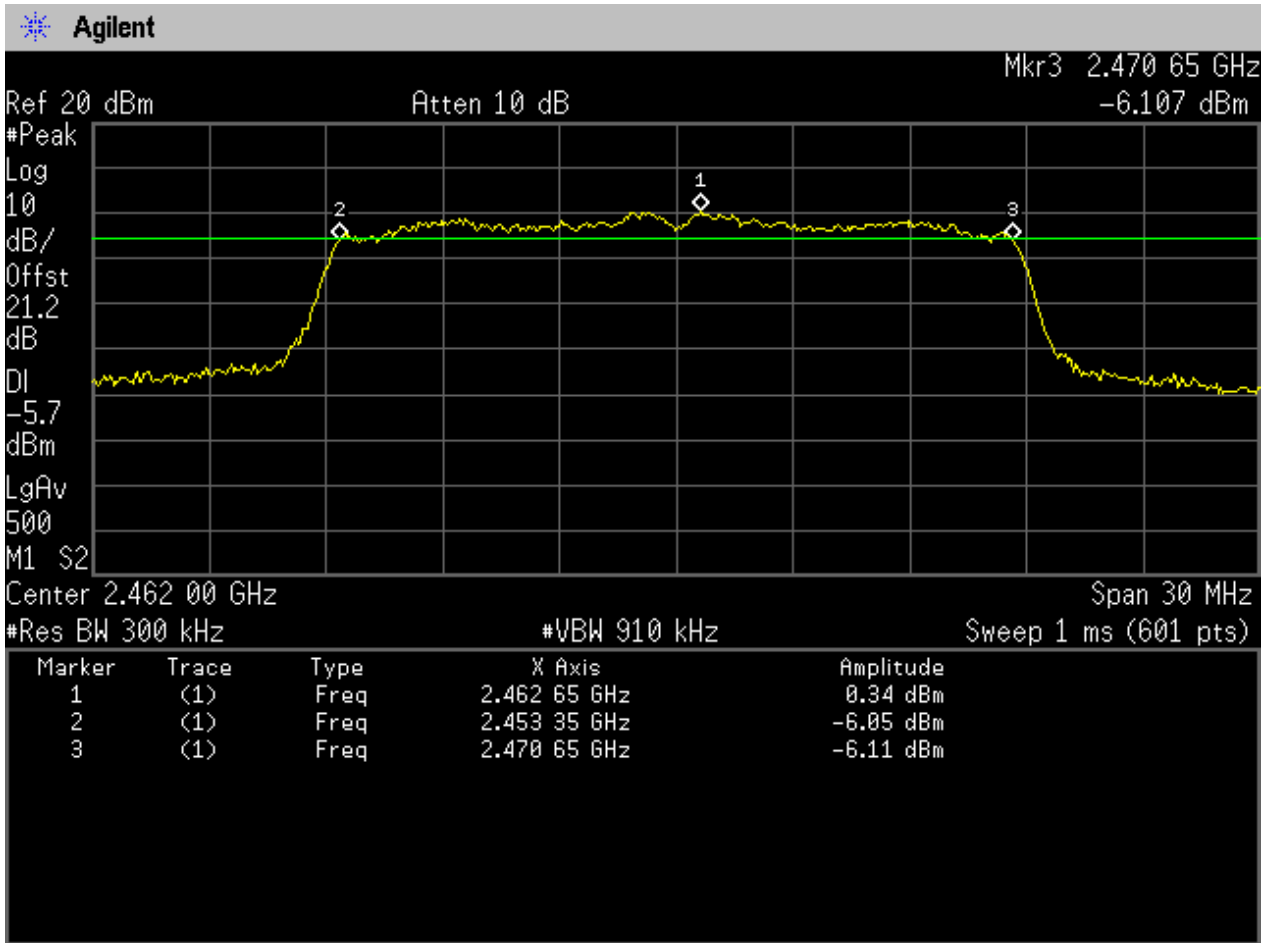


2.26.2 Ant 2

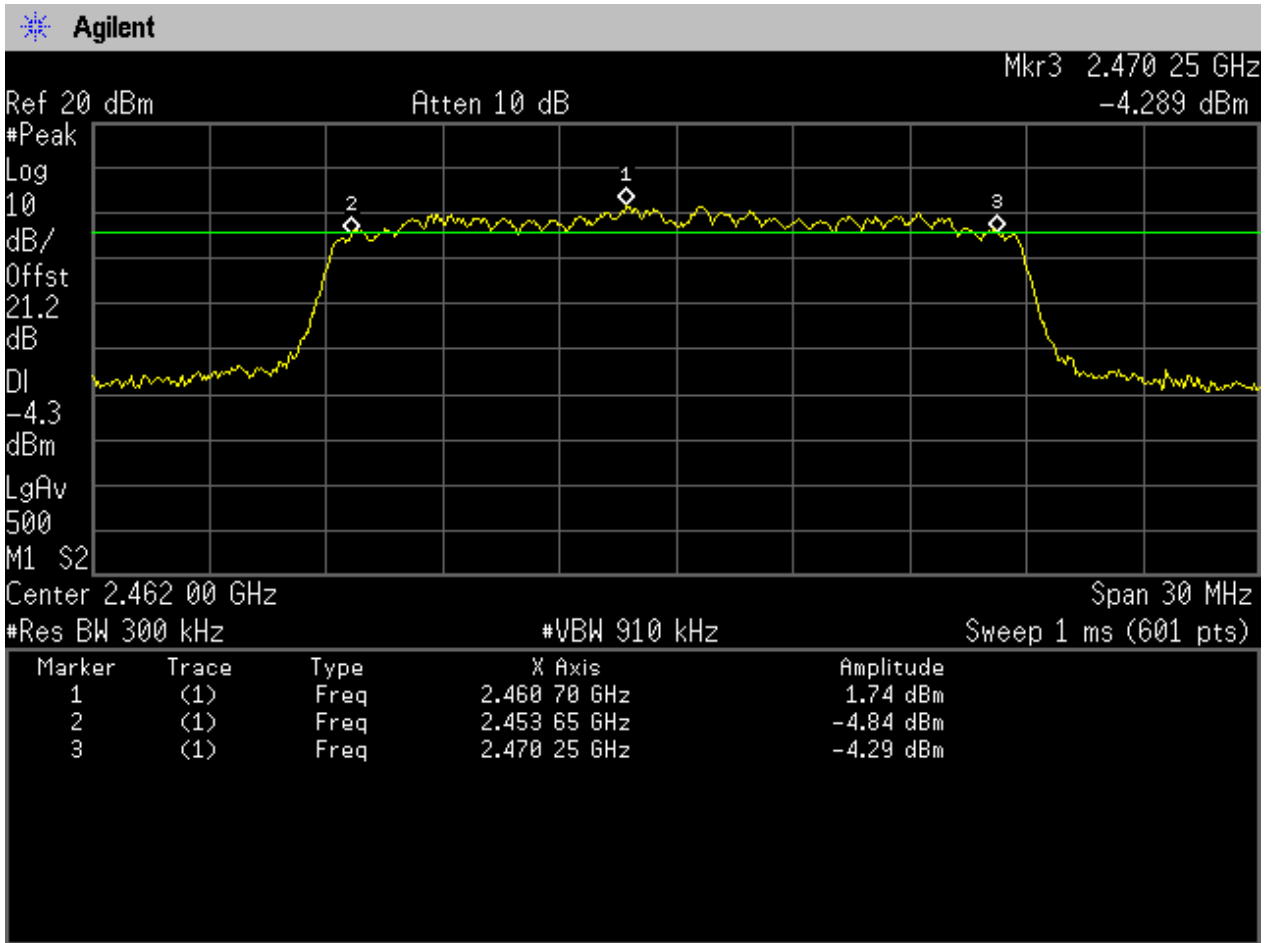


2.2711N20m/8_T@1+2

2.27.1 Ant 1

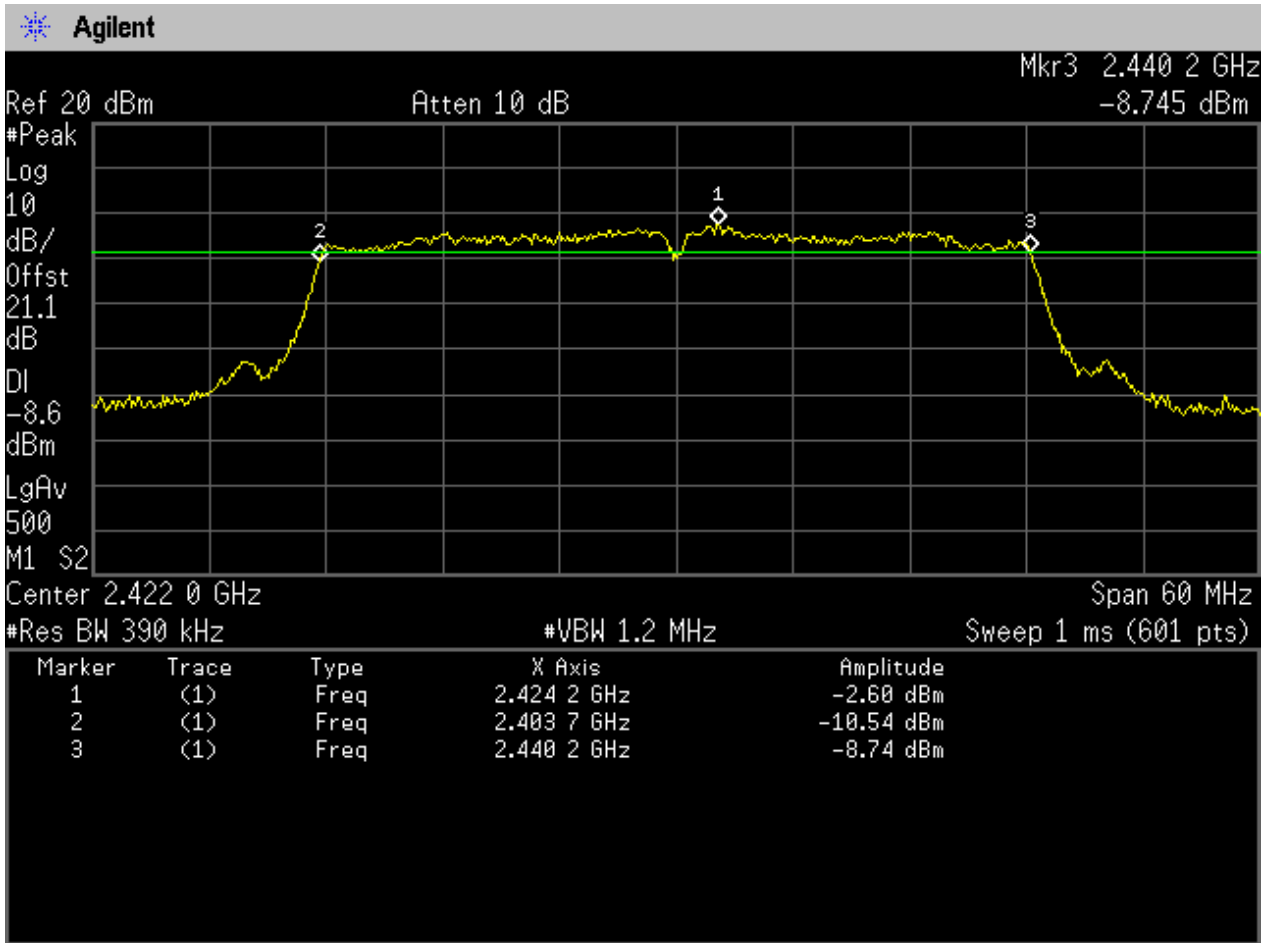


2.27.2 Ant 2

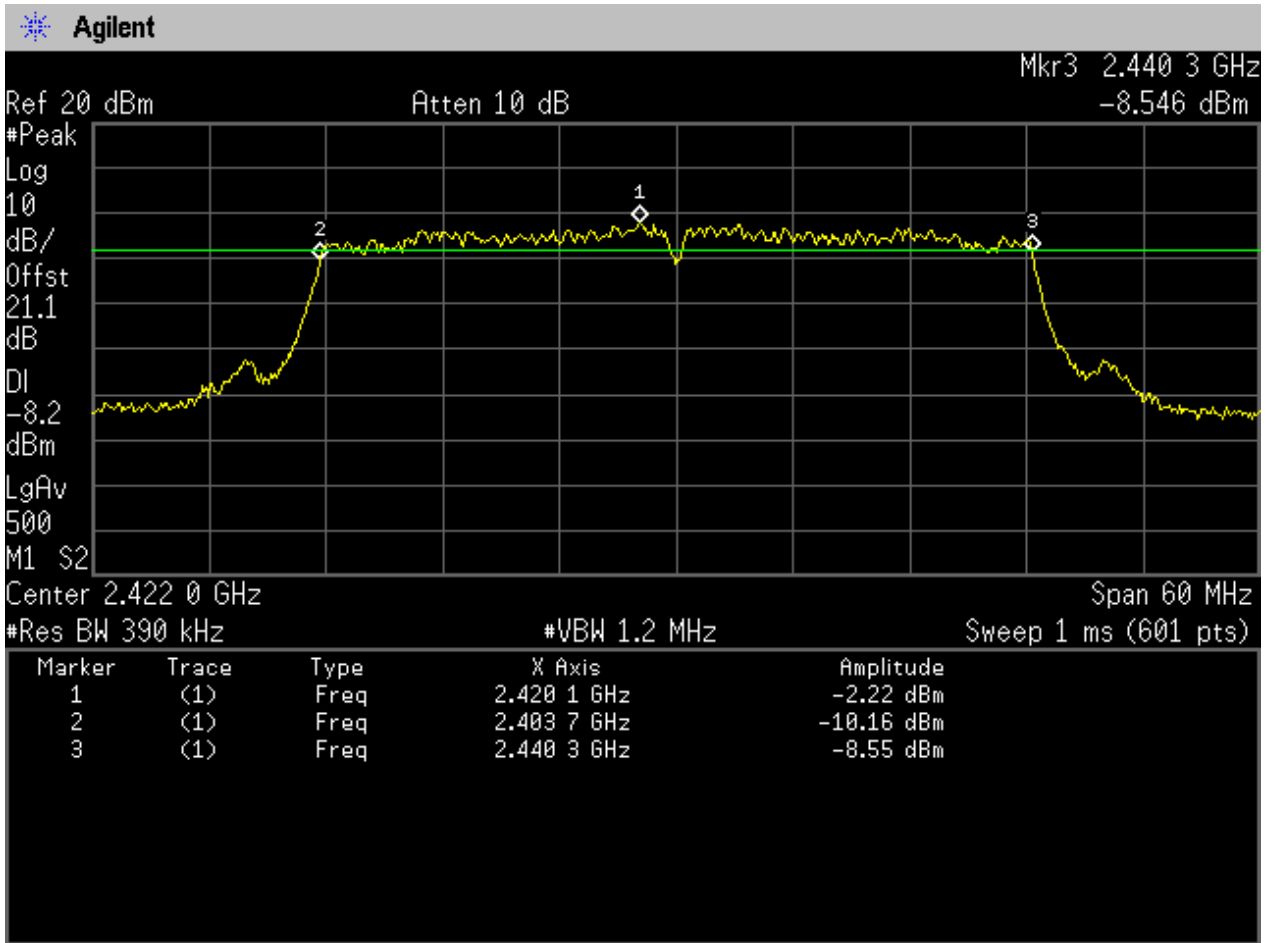


2.2811N40m/8_B@1+2

2.28.1 Ant 1

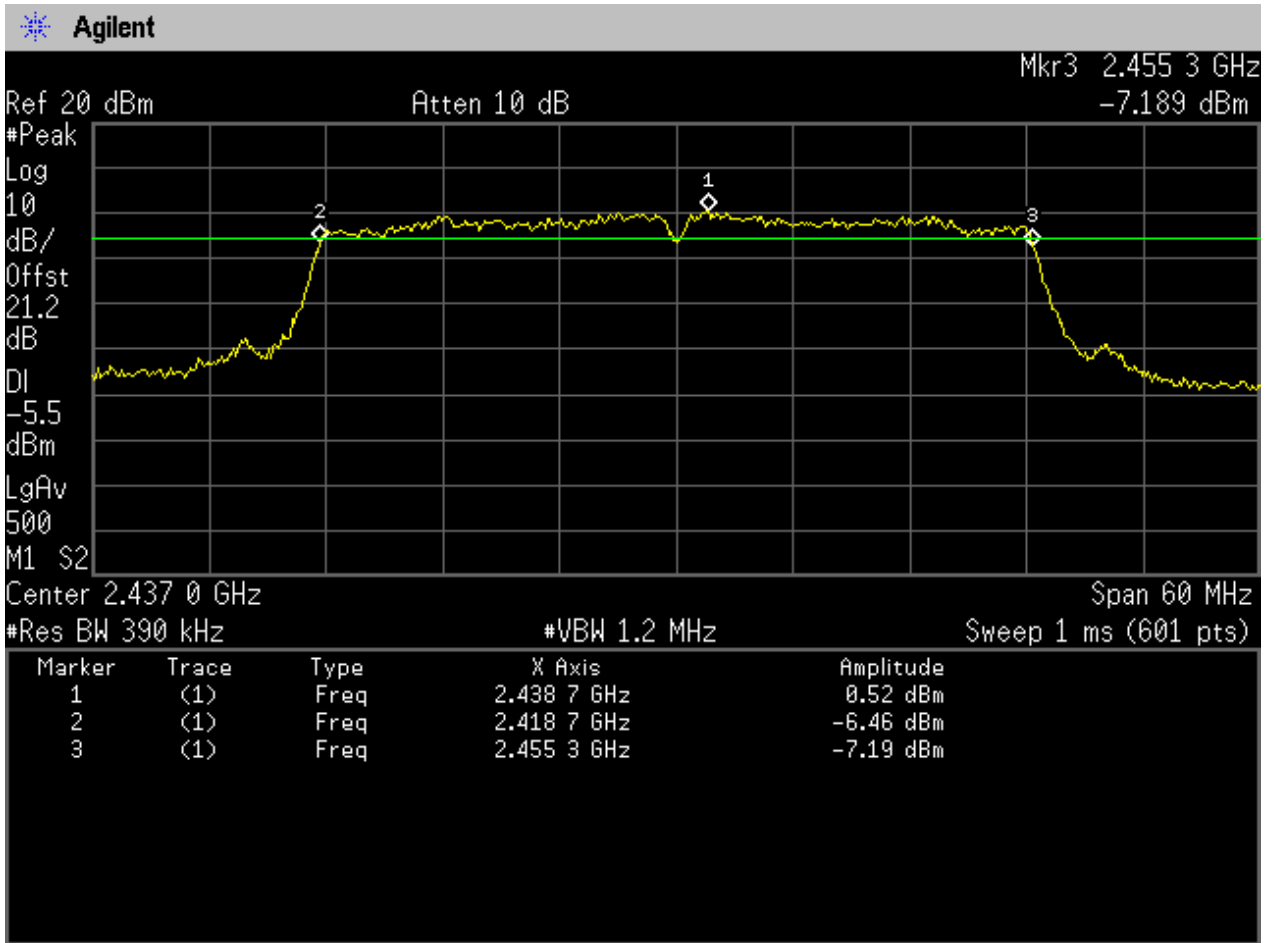


2.28.2 Ant 2

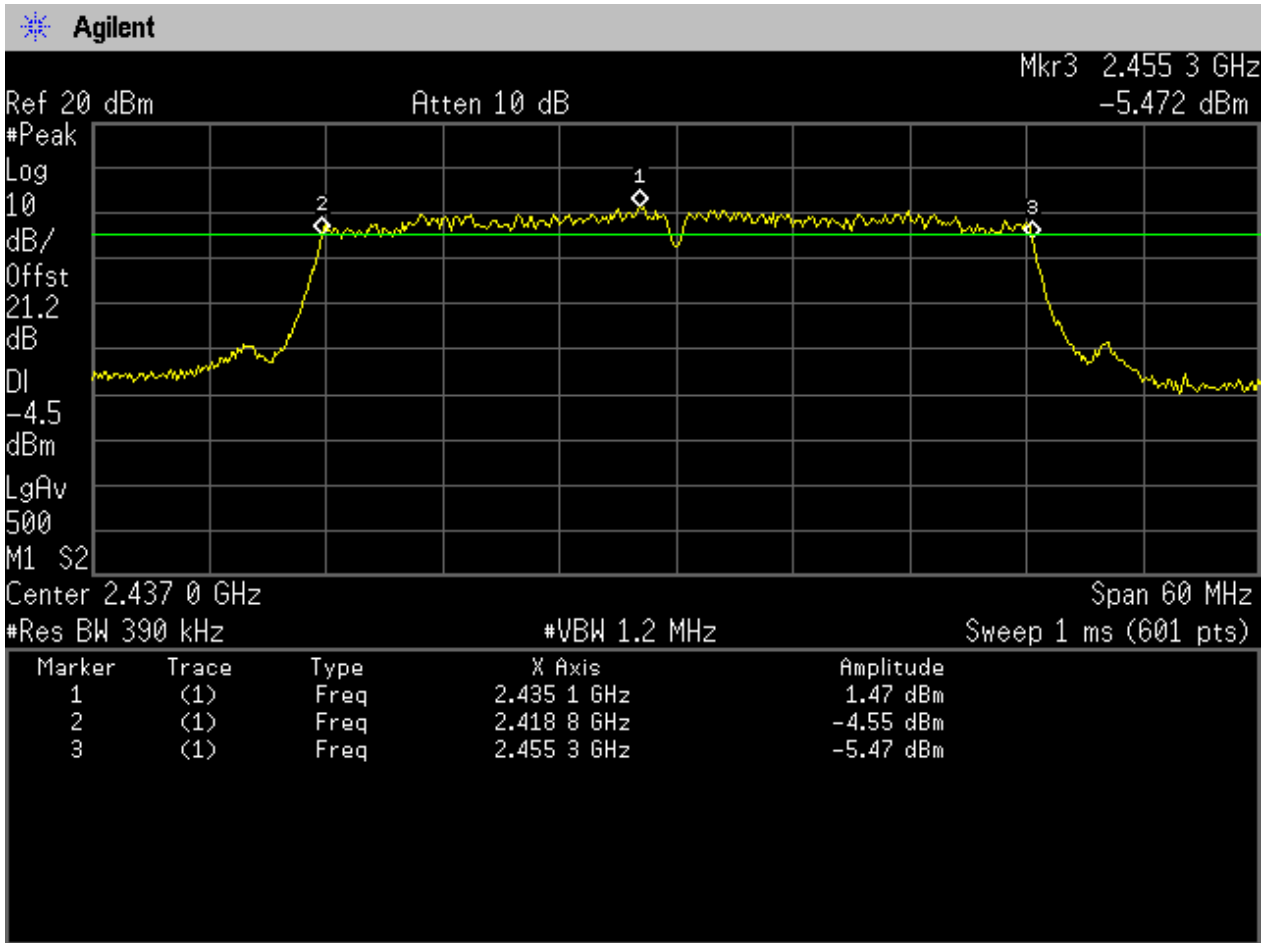


2.2911N40m/8_M@1+2

2.29.1 Ant 1

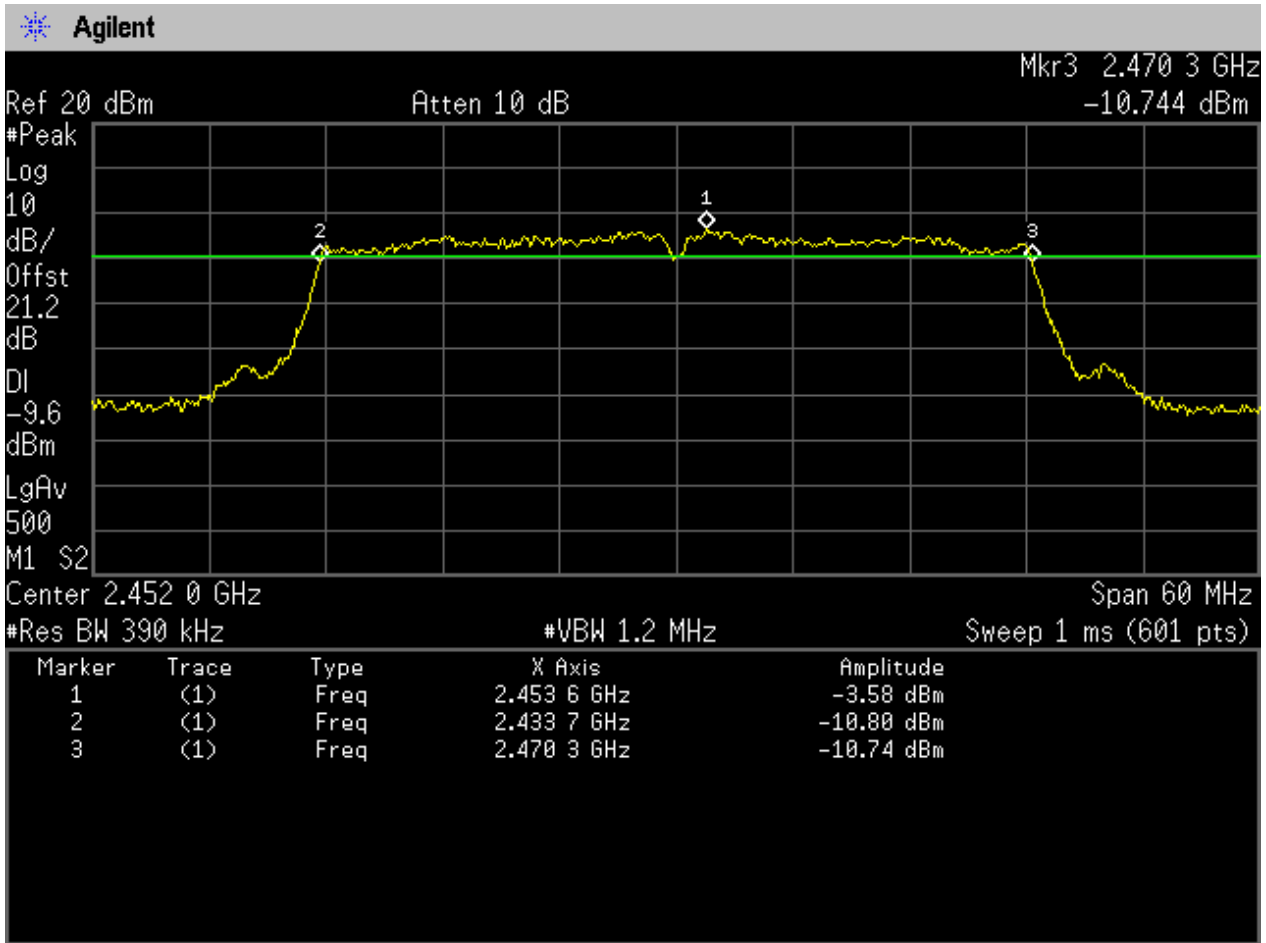


2.29.2 Ant 2

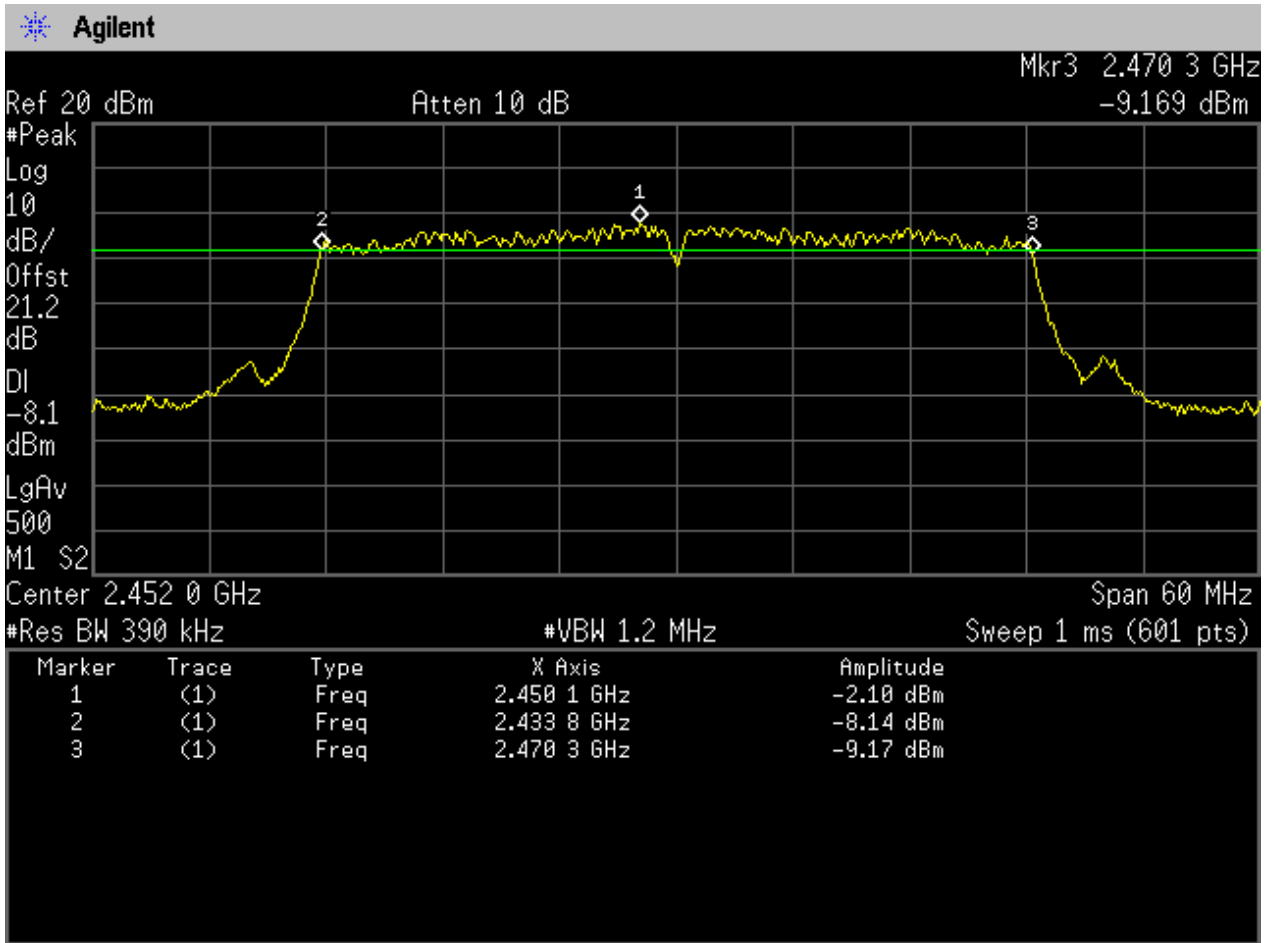


2.3011N40m/8_T@1+2

2.30.1 Ant 1



2.30.2 Ant 2





Appendix A.2: 99% Occupied Bandwidth

1 Result Table

NOTE 1: 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.

EUT Conf.	99% Occupied Bandwidth [MHz], Ant 1 [MHz]	99% Occupied Bandwidth [MHz], Ant 2 [MHz]	Verdict
11B/1_B@1	10.4161	---	Pass
11B/1_B@2	---	10.3304	Pass
11B/1_M@1	10.4583	---	Pass
11B/1_M@2	---	10.3475	Pass
11B/1_T@1	10.4582	---	Pass
11B/1_T@2	---	10.3131	Pass
11G/6_B@1	16.4271	---	Pass
11G/6_B@2	---	16.4302	Pass
11G/6_M@1	16.4362	---	Pass
11G/6_M@2	---	16.4296	Pass
11G/6_T@1	16.4465	---	Pass
11G/6_T@2	---	16.4106	Pass
11N20/0_B@1	17.5832	---	Pass
11N20/0_B@2	---	17.5761	Pass
11N20/0_M@1	17.5676	---	Pass
11N20/0_M@2	---	17.5736	Pass
11N20/0_T@1	17.5741	---	Pass
11N20/0_T@2	---	17.5731	Pass
11N40/0_B@1	36.4389	---	Pass
11N40/0_B@2	---	36.4536	Pass
11N40/0_M@1	36.4918	---	Pass
11N40/0_M@2	---	36.4631	Pass
11N40/0_T@1	36.4605	---	Pass
11N40/0_T@2	---	36.4716	Pass
11N20m/0_B@1+2	17.5559	---	Pass
11N20m/0_B@1+2	---	17.5661	Pass
11N20m/0_M@1+2	17.5637	---	Pass
11N20m/0_M@1+2	---	17.5620	Pass
11N20m/0_T@1+2	17.5634	---	Pass
11N20m/0_T@1+2	---	17.5527	Pass
11N40m/0_B@1+2	36.4639	---	Pass
11N40m/0_B@1+2	---	36.4571	Pass
11N40m/0_M@1+2	36.4770	---	Pass
11N40m/0_M@1+2	---	36.4345	Pass

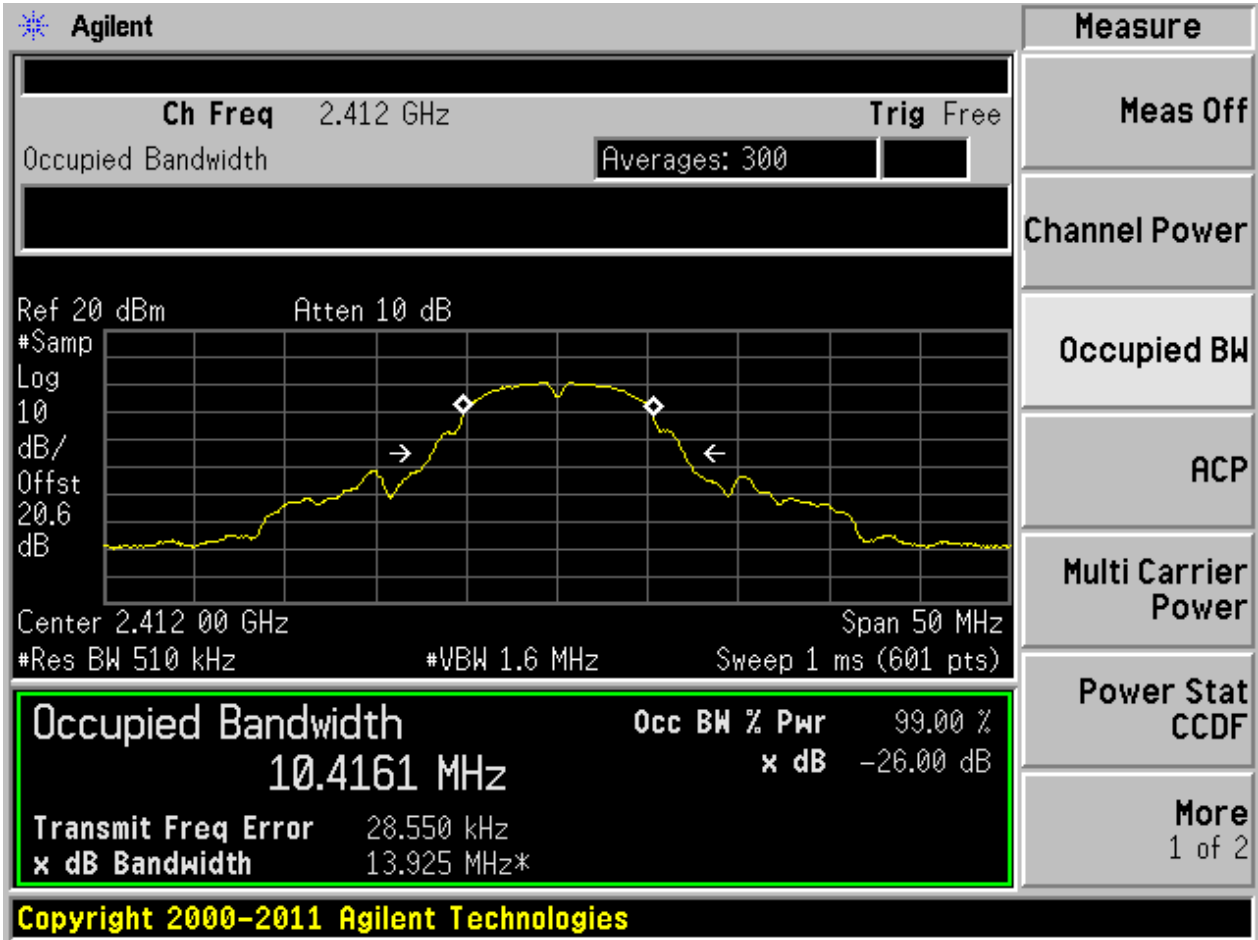


EUT Conf.	99% Occupied Bandwidth [MHz], Ant 1 [MHz]	99% Occupied Bandwidth [MHz], Ant 2 [MHz]	Verdict
11N40m/0_T@1+2	36.4327	---	Pass
11N40m/0_T@1+2	---	36.4247	Pass



2 Test Plot

2.1 11B/1_B@1





2.2 11B/1_B@2

Agilent

Measure

Ch Freq 2.412 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.6 dB

Center 2.412 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
10.3304 MHz	x dB	-26.00 dB
Transmit Freq Error	33.240 kHz	
x dB Bandwidth	13.675 MHz*	

Power Stat
CCDF

More
1 of 2

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2.3 11B/1_M@1

Agilent

Measure

Ch Freq 2.437 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.7 dB

Center 2.437 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
10.4583 MHz	x dB	-26.00 dB
Transmit Freq Error	41.379 kHz	
x dB Bandwidth	13.999 MHz*	

Power Stat
CCDF
More
1 of 2

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2.4 11B/1_M@2

Agilent

Measure

Ch Freq 2.437 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm Atten 10 dB

#Samp 10

Log

dB/Offst 20.7 dB

Center 2.437 00 GHz Span 50 MHz

#Res BW 510 kHz #VBW 1.6 MHz Sweep 1 ms (601 pts)

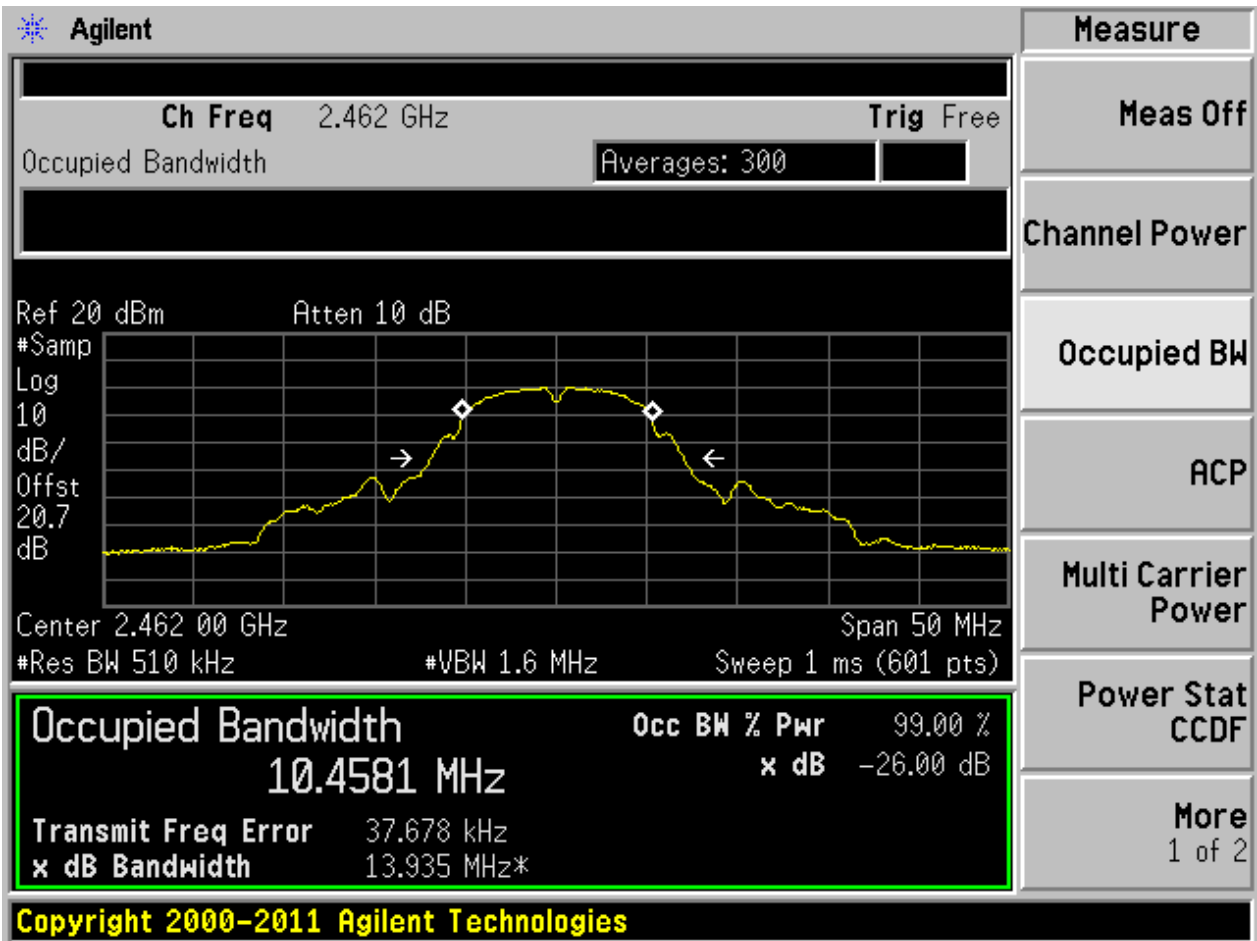
Occupied Bandwidth	Occ BW % Pwr 99.00 %
10.3475 MHz	x dB -26.00 dB
Transmit Freq Error 48.521 kHz	
x dB Bandwidth 13.720 MHz*	

Meas Off
Channel Power
Occupied BW
ACP
Multi Carrier Power
Power Stat CCDF
More 1 of 2

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2.5 11B/1_T@1





2.6 11B/1_T@2

Agilent		Measure
Ch Freq 2.462 GHz Trig Free Occupied Bandwidth Averages: 300		Meas Off
		Channel Power
		Occupied BW
		ACP
		Multi Carrier Power
Occupied Bandwidth Occ BW % Pwr 99.00 % 10.3131 MHz x dB -26.00 dB		Power Stat CCDF
Transmit Freq Error 40.083 kHz x dB Bandwidth 13.704 MHz*		More 1 of 2
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2.7 11G/6_B@1

Agilent

Measure

Ch Freq 2.412 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.6 dB

Center 2.412 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
16.4271 MHz	x dB	-26.00 dB
Transmit Freq Error	8.328 kHz	
x dB Bandwidth	18.480 MHz*	

Meas Off
Channel Power
Occupied BW
ACP
Multi Carrier Power
Power Stat CCDF
More 1 of 2

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2.8 11G/6_B@2

Agilent

Measure

Ch Freq 2.412 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.6 dB

Center 2.412 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
16.4302 MHz	x dB	-26.00 dB
Transmit Freq Error	9.015 kHz	
x dB Bandwidth	18.437 MHz*	

Power Stat
CCDF
More
1 of 2

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2.9 11G/6_M@1

Agilent

Measure

Ch Freq 2.437 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm Atten 10 dB

#Samp
Log
10
dB/
Offst
20.7
dB

Center 2.437 00 GHz Span 50 MHz
 #Res BW 510 kHz #VBW 1.6 MHz Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
16.4362 MHz	x dB	-26.00 dB
Transmit Freq Error	5.810 kHz	
x dB Bandwidth	18.463 MHz*	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
 1 of 2



2.1011G/6_M@2

Agilent

Measure

Ch Freq 2.437 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
Log

Center 2.437 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
16.4296 MHz	x dB	-26.00 dB
Transmit Freq Error	10.896 kHz	
x dB Bandwidth	18.443 MHz*	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More

1 of 2



2.1111G/6_T@1

Agilent

Measure

Ch Freq 2.462 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.7 dB

Center 2.462 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
16.4465 MHz	x dB	-26.00 dB
Transmit Freq Error	19.712 kHz	
x dB Bandwidth	18.485 MHz*	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2



2.1211G/6_T@2

Agilent

Measure

Ch Freq 2.462 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.7 dB

Center 2.462 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
16.4106 MHz	x dB	-26.00 dB
Transmit Freq Error	14.278 kHz	
x dB Bandwidth	18.392 MHz*	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2



2.1311N20/0_B@1

Agilent

Measure

Ch Freq 2.412 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm Atten 10 dB

#Samp 10
Log
dB/Offst 20.6 dB

Center 2.412 00 GHz Span 50 MHz
 #Res BW 510 kHz #VBW 1.6 MHz Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5832 MHz	x dB	-26.00 dB
Transmit Freq Error	6.160 kHz	
x dB Bandwidth	18.981 MHz*	

Power Stat	CCDF
More	
1 of 2	

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2.1411N20/0_B@2

Agilent

Measure

Ch Freq 2.412 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.6 dB

Center 2.412 00 GHz Span 50 MHz
 #Res BW 510 kHz #VBW 1.6 MHz Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5761 MHz	x dB	-26.00 dB
Transmit Freq Error	9.913 kHz	
x dB Bandwidth	18.943 MHz*	

Power Stat CCDF
More 1 of 2

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2.1511N20/0_M@1

✦ **Agilent**

Measure

Ch Freq 2.437 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.7 dB

Center 2.437 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5676 MHz	x dB	-26.00 dB
Transmit Freq Error	14.820 kHz	
x dB Bandwidth	18.949 MHz*	

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Meas Off
Channel Power
Occupied BW
ACP
Multi Carrier Power
Power Stat CCDF
More 1 of 2



2.1611N20/0_M@2

Agilent

Measure

Ch Freq 2.437 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp	Log	10	dB/	Offst	20.7	dB
-------	-----	----	-----	-------	------	----

Center 2.437 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5736 MHz	x dB	-26.00 dB
Transmit Freq Error	10.744 kHz	
x dB Bandwidth	18.925 MHz*	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2



2.1711N20/0_T@1

Agilent

Measure

Ch Freq 2.462 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.7 dB

Center 2.462 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5741 MHz	x dB	-26.00 dB
Transmit Freq Error	19.209 kHz	
x dB Bandwidth	18.936 MHz*	

More
 1 of 2

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2.1811N20/0_T@2

Agilent

Measure

Ch Freq 2.462 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.7 dB

Center 2.462 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

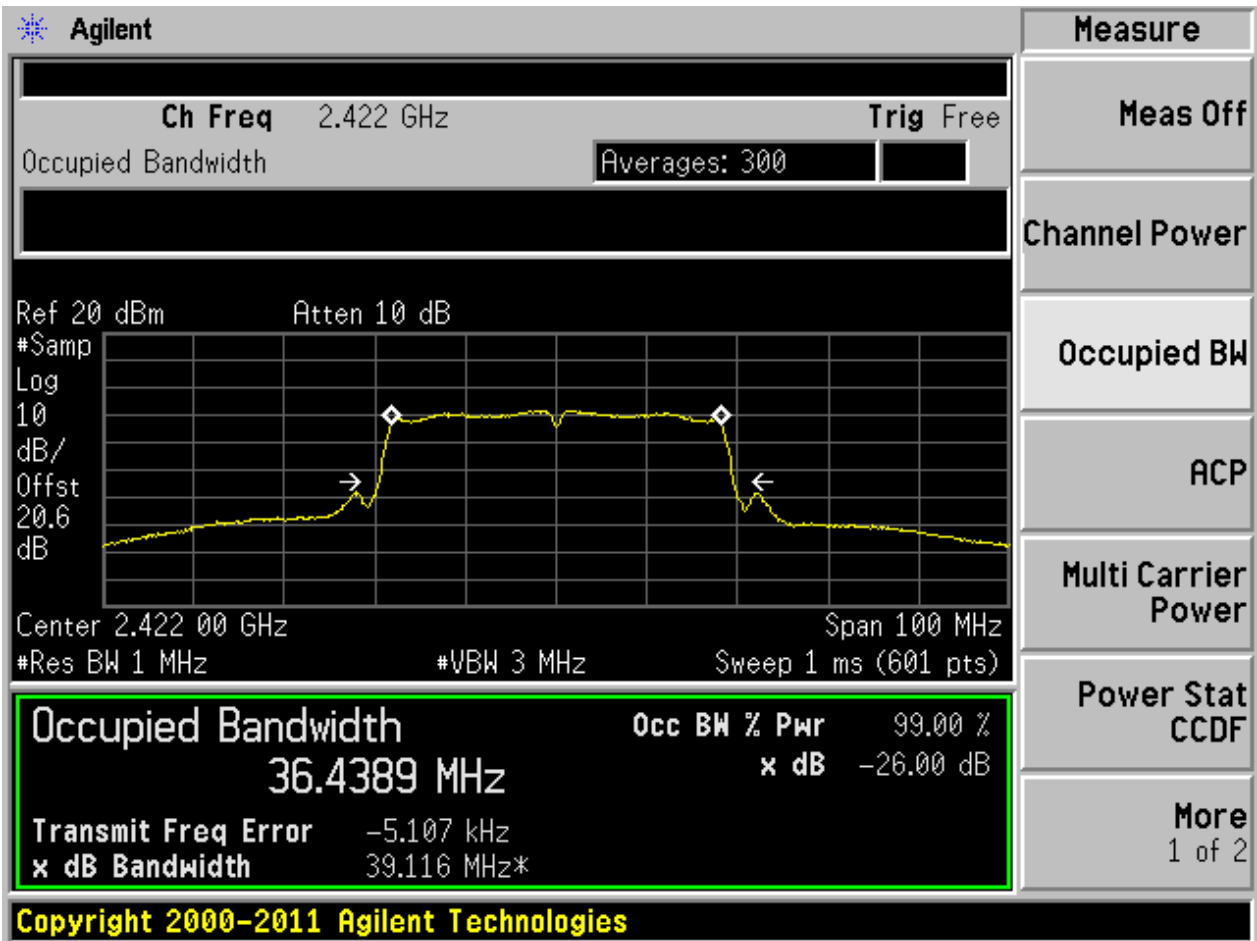
Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5731 MHz	x dB	-26.00 dB
Transmit Freq Error	19.049 kHz	
x dB Bandwidth	18.937 MHz*	

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Meas Off
Channel Power
Occupied BW
ACP
Multi Carrier Power
Power Stat CCDF
More 1 of 2



2.1911N40/0_B@1





2.2011N40/0_B@2

Agilent

Ch Freq 2.422 GHz Trig Free

Occupied Bandwidth Averages: 300

Ref 20 dBm Atten 10 dB

#Samp 10 Log

Center 2.422 00 GHz Span 100 MHz

#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
36.4535 MHz	x dB	-26.00 dB
Transmit Freq Error	6.259 kHz	
x dB Bandwidth	39.034 MHz*	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2



2.2111N40/0_M@1

Agilent		Measure
Ch Freq 2.437 GHz Trig Free		Meas Off
Occupied Bandwidth Averages: 300		Channel Power
Ref 20 dBm Atten 10 dB #Samp 10 Log dB/Offst 20.7 dB 		Occupied BW
Center 2.437 00 GHz Span 100 MHz		ACP
#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)		Multi Carrier Power
Occupied Bandwidth Occ BW % Pwr 99.00 % 36.4918 MHz x dB -26.00 dB		Power Stat CCDF
Transmit Freq Error 8.438 kHz x dB Bandwidth 39.197 MHz*		More 1 of 2
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2.2211N40/0_M@2

Agilent

Measure

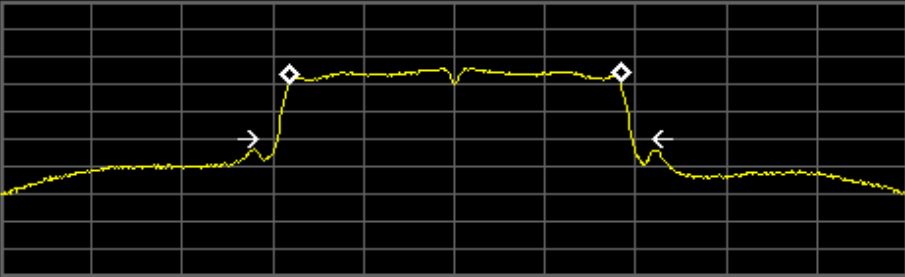
Ch Freq 2.437 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.7 dB



Center 2.437 00 GHz
Span 100 MHz

#Res BW 1 MHz
#VBW 3 MHz
Sweep 1 ms (601 pts)

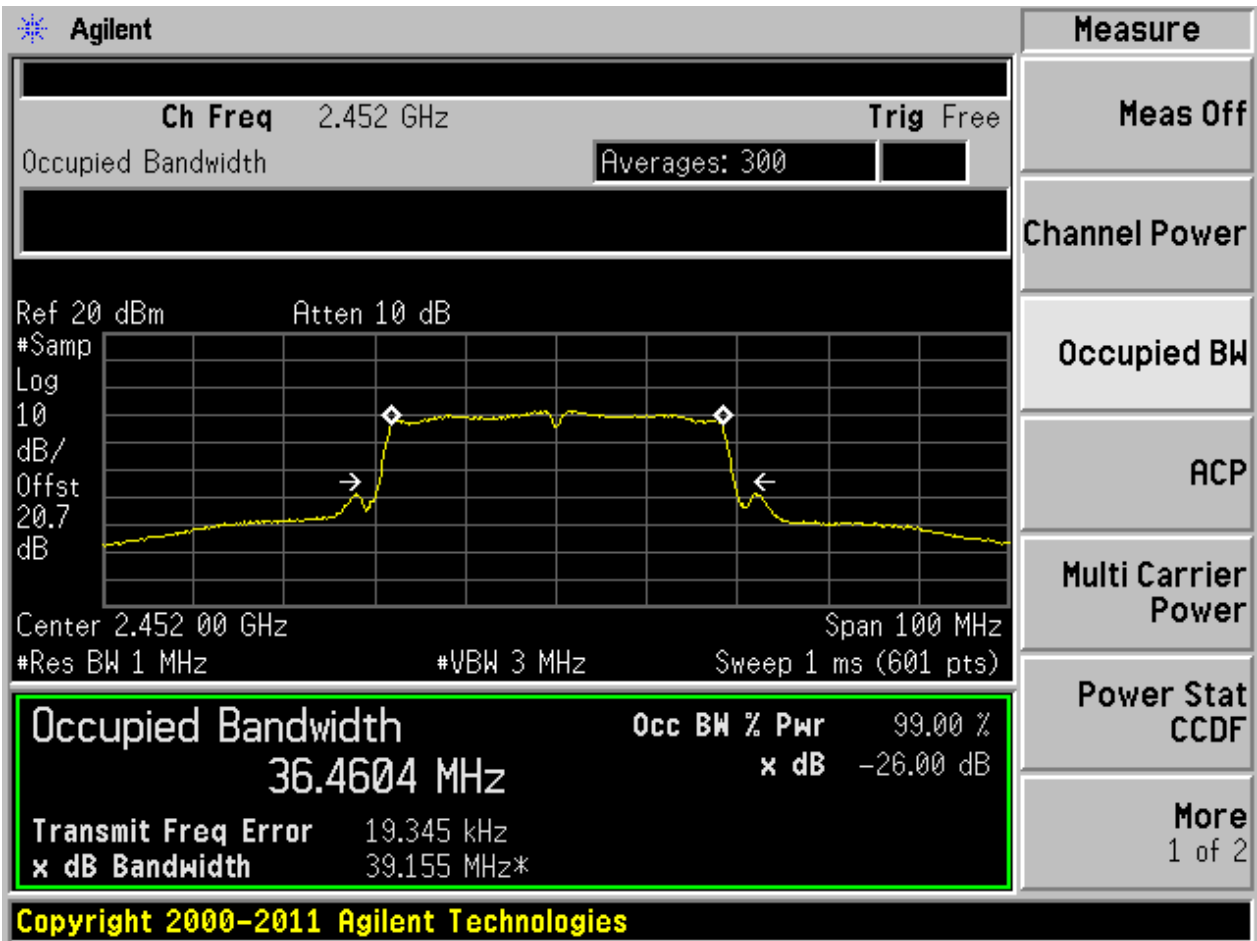
Occupied Bandwidth	Occ BW % Pwr 99.00 %
36.4631 MHz	x dB -26.00 dB
Transmit Freq Error 13.521 kHz	
x dB Bandwidth 39.166 MHz*	

Power Stat
CCDF
More
1 of 2

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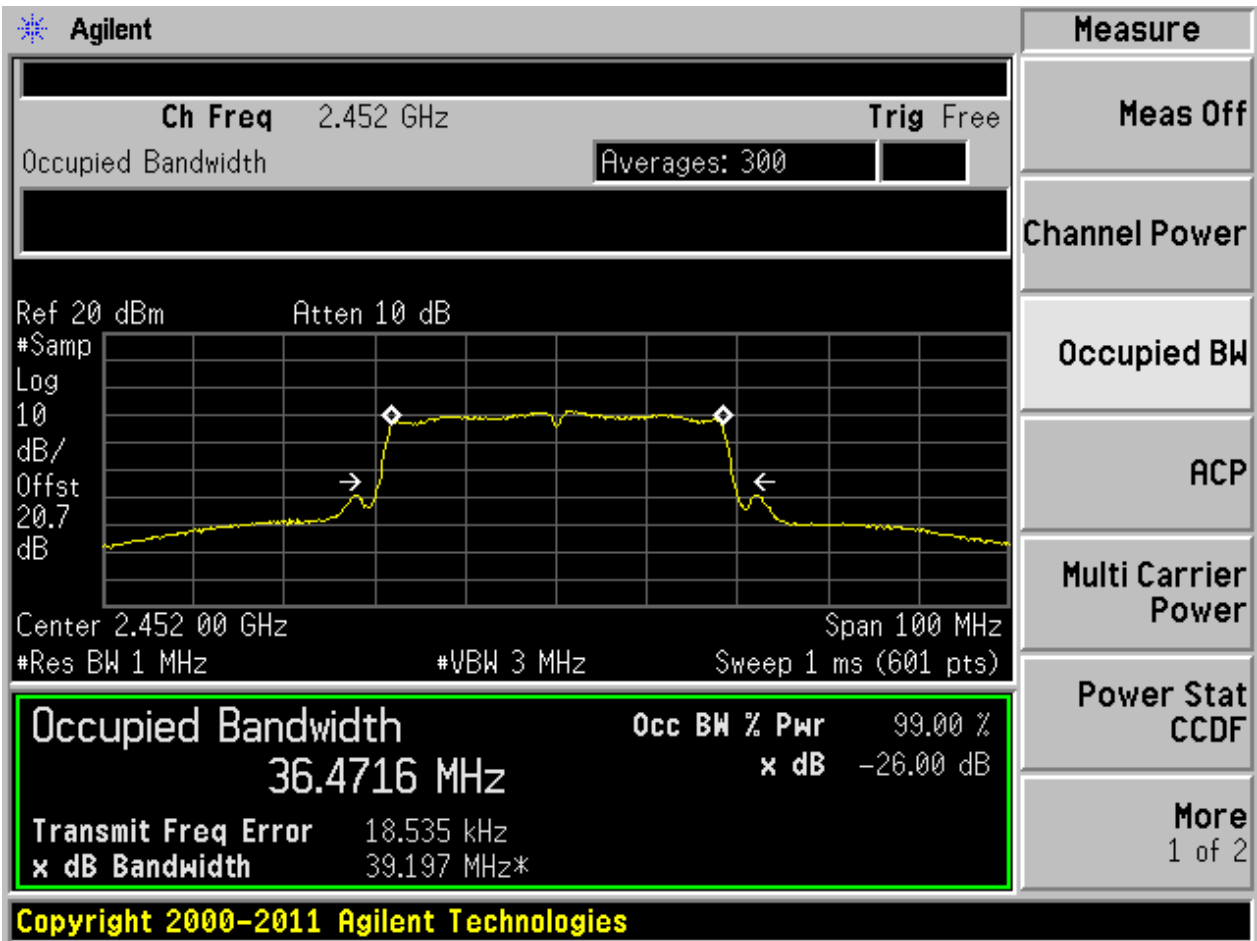


2.2311N40/0_T@1





2.2411N40/0_T@2



2.2511N20m/0_B@1+2



2.25.1 Ant 1

Agilent

Measure

Ch Freq 2.412 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
Log

Center 2.412 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5559 MHz	x dB	-26.00 dB
Transmit Freq Error	3.971 kHz	
x dB Bandwidth	18.943 MHz*	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2



2.25.2 Ant 2

✦
Agilent

Ch Freq 2.412 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.6 dB

Center 2.412 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5661 MHz	x dB	-26.00 dB
Transmit Freq Error	15.571 kHz	
x dB Bandwidth	18.945 MHz*	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

2.2611N20m/0_M@1+2



2.26.1 Ant 1

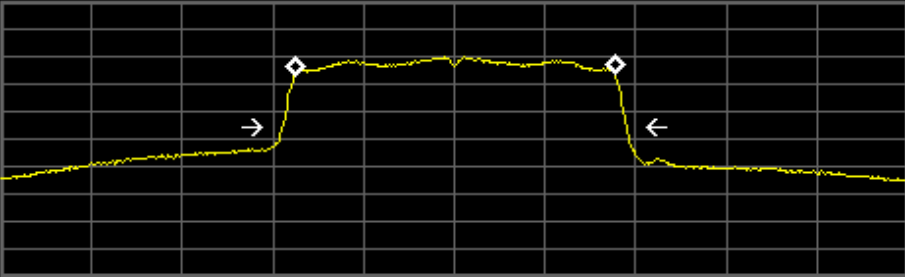
✦
Agilent

Ch Freq 2.437 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.7 dB



Center 2.437 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5637 MHz	x dB	-26.00 dB
Transmit Freq Error	8.259 kHz	
x dB Bandwidth	18.935 MHz*	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2



2.26.2 Ant 2

Agilent

Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

Ch Freq 2.437 GHz Trig Free

Occupied Bandwidth Averages: 300

Ref 20 dBm Atten 10 dB

#Samp Log 10 dB/Offst 20.7 dB

Center 2.437 00 GHz Span 50 MHz

#Res BW 510 kHz #VBW 1.6 MHz Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5620 MHz	x dB	-26.00 dB
Transmit Freq Error	13.655 kHz	
x dB Bandwidth	18.906 MHz*	

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2.2711N20m/0_T@1+2



2.27.1 Ant 1

Agilent

Measure

Ch Freq 2.462 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.7 dB

Center 2.462 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5634 MHz	x dB	-26.00 dB
Transmit Freq Error	13.243 kHz	
x dB Bandwidth	18.927 MHz*	

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Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2



2.27.2 Ant 2

Agilent

Measure

Ch Freq 2.462 GHz
Trig Free

Occupied Bandwidth

Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
 Log
 dB/Offst 20.7 dB

Center 2.462 00 GHz
Span 50 MHz

#Res BW 510 kHz
#VBW 1.6 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
17.5527 MHz	x dB	-26.00 dB
Transmit Freq Error	13.055 kHz	
x dB Bandwidth	18.903 MHz*	

Meas Off
Channel Power
Occupied BW
ACP
Multi Carrier Power
Power Stat CCDF
More 1 of 2

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2.2811N40m/0_B@1+2

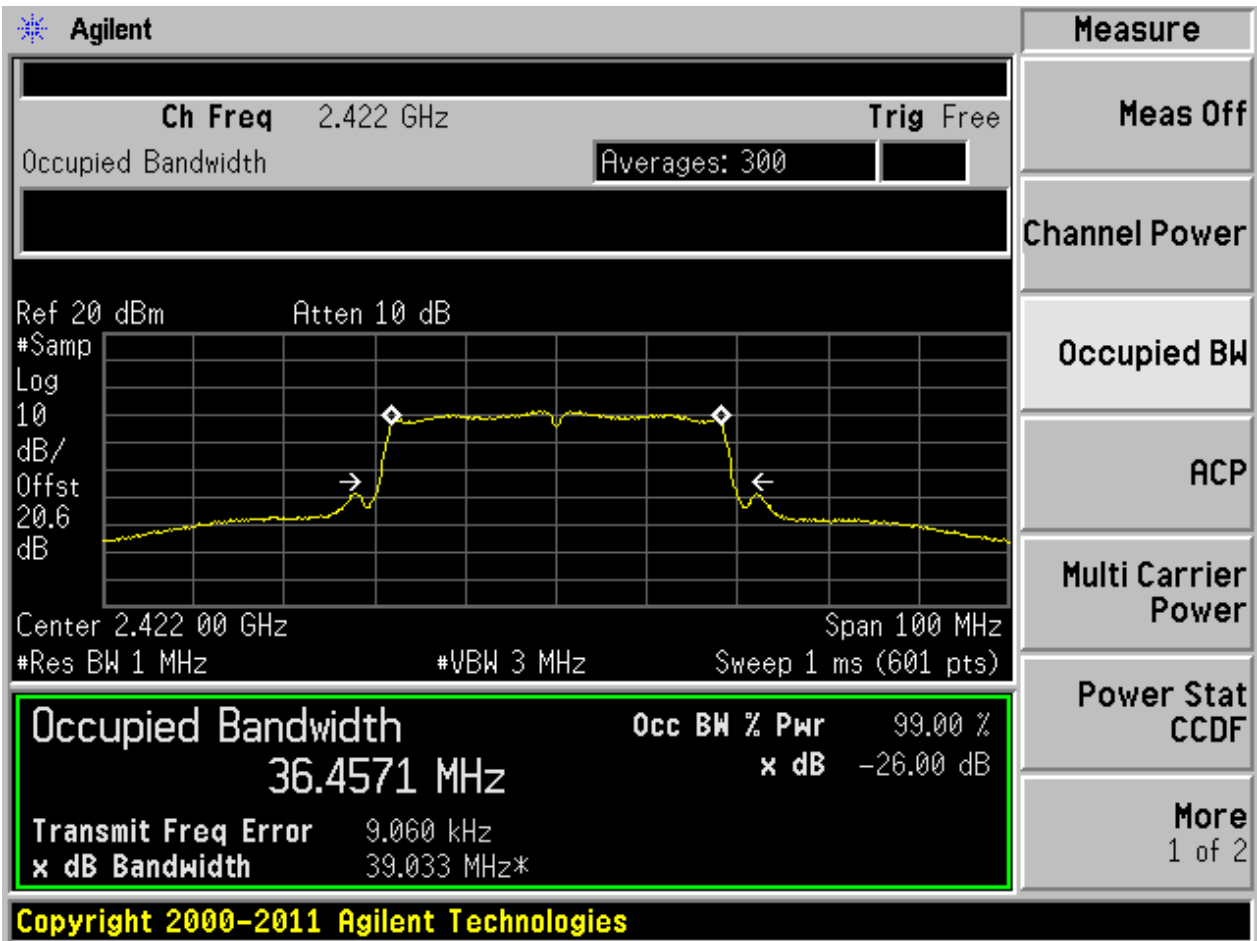


2.28.1 Ant 1

Agilent		Measure
Ch Freq 2.422 GHz Trig Free Occupied Bandwidth Averages: 300		Meas Off
		Channel Power
Ref 20 dBm Atten 10 dB #Samp 10 Log dB/Offst 20.6 dB		Occupied BW
Center 2.422 00 GHz Span 100 MHz #Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)		ACP
Occupied Bandwidth Occ BW % Pwr 99.00 % 36.4639 MHz x dB -26.00 dB		Multi Carrier Power
Transmit Freq Error -13.008 kHz x dB Bandwidth 39.094 MHz*		Power Stat CCDF
Copyright 2000-2011 Agilent Technologies		More 1 of 2



2.28.2 Ant 2



2.2911N40m/0_M@1+2



2.29.1 Ant 1

Agilent		Measure
Ch Freq 2.437 GHz Trig Free		Meas Off
Occupied Bandwidth Averages: 300		Channel Power
Ref 20 dBm Atten 10 dB #Samp 10 Log dB/Offst 20.7 dB 		Occupied BW
Center 2.437 00 GHz Span 100 MHz		ACP
#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)		Multi Carrier Power
Occupied Bandwidth Occ BW % Pwr 99.00 % 36.4770 MHz x dB -26.00 dB		Power Stat CCDF
Transmit Freq Error 5.820 kHz x dB Bandwidth 39.180 MHz*		More 1 of 2
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2.29.2 Ant 2

✦
Agilent

Ch Freq 2.437 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm Atten 10 dB

#Samp
Log
10
dB/
Offst
20.7
dB

Center 2.437 00 GHz Span 100 MHz

#Res BW 1 MHz #VBW 3 MHz Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr 99.00 %
36.4345 MHz	x dB -26.00 dB
Transmit Freq Error 5.612 kHz	
x dB Bandwidth 39.096 MHz*	

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Measure

Meas Off

Channel Power

Occupied BW

ACP

Multi Carrier Power

Power Stat CCDF

More
1 of 2

2.3011N40m/0_T@1+2



2.30.1 Ant 1

Agilent

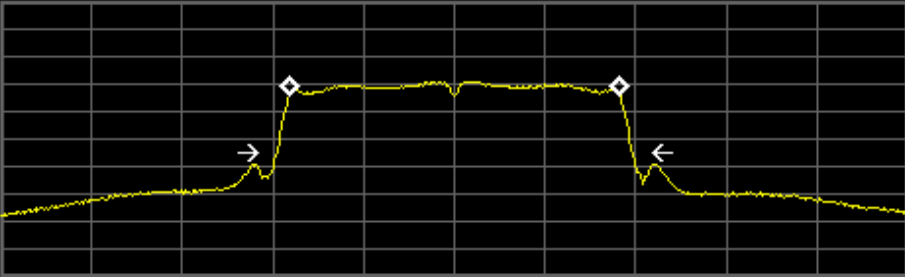
Measure

Ch Freq 2.452 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
Log



Center 2.452 00 GHz
Span 100 MHz

#Res BW 1 MHz
#VBW 3 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
36.4327 MHz	x dB	-26.00 dB
Transmit Freq Error	41.036 kHz	
x dB Bandwidth	39.132 MHz*	

Power Stat CCDF
More

1 of 2

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2.30.2 Ant 2

Agilent

Measure

Ch Freq 2.452 GHz
Trig Free

Occupied Bandwidth
Averages: 300

Ref 20 dBm
Atten 10 dB

#Samp 10
Log

#Res BW 1 MHz
#VBW 3 MHz
Sweep 1 ms (601 pts)

Occupied Bandwidth	Occ BW % Pwr	99.00 %
36.4247 MHz	x dB	-26.00 dB
Transmit Freq Error	8.327 kHz	
x dB Bandwidth	38.992 MHz*	

Power Stat CCDF
More

1 of 2

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Appendix B: Maximum Peak Conducted Output Power

1 Result Table

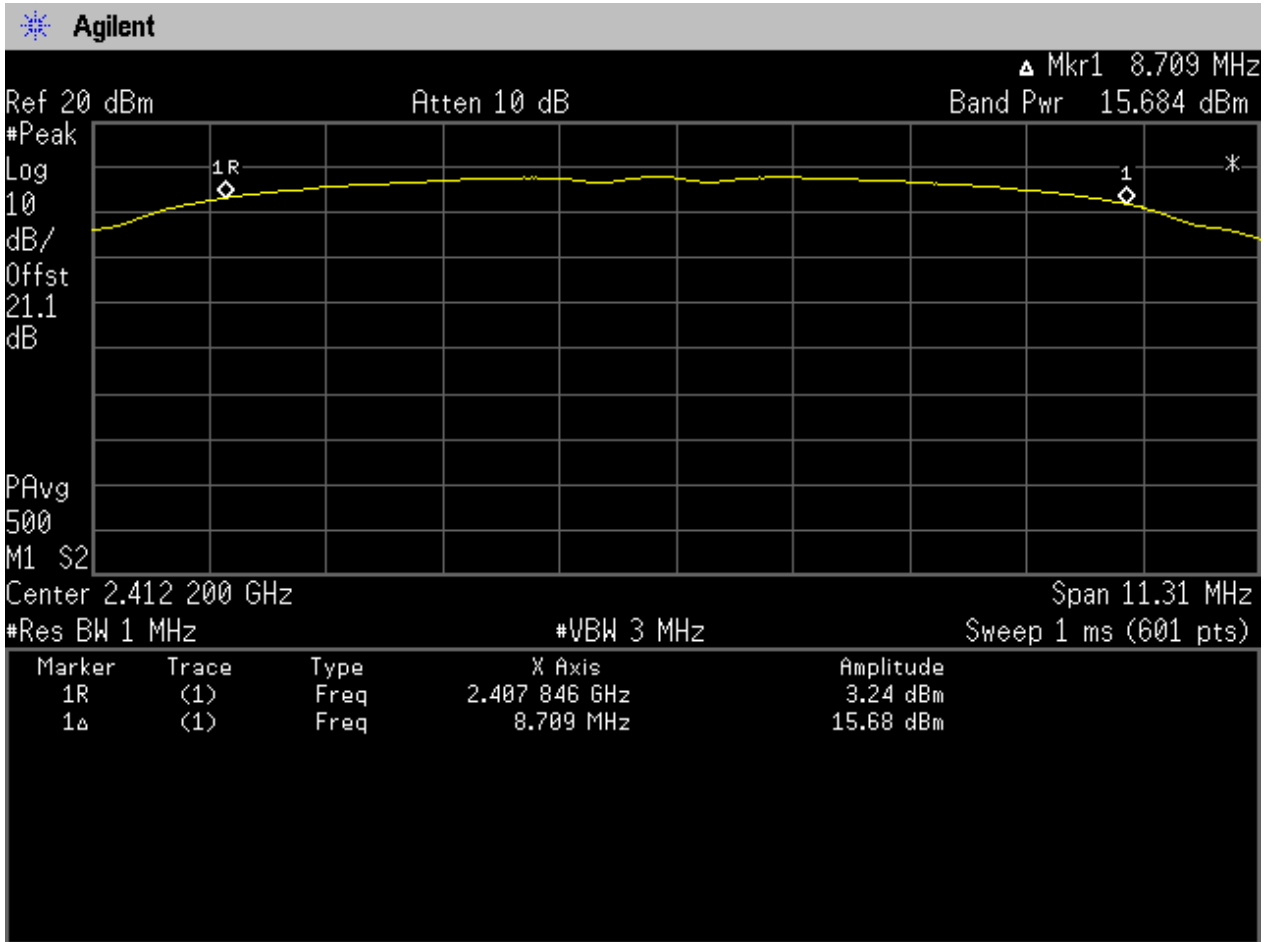
NOTE 1: In this Appendix, the Pmax refers to the measured “Maximum Peak Conducted Output Power” value. According to the description of FCC OET KDB 558074, the fc(DTS6dBBW) (as the DTS6dBBW band edges) from “DTS (6 dB) Bandwidth” is used to determine the integrated band power.

NOTE 2: For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain, and then combined into a final result Pmax which is the calculated linear sum of each result “Pmax@Ant i” with i = 1 to N (the N denotes the antenna ports used by smart antenna systems).

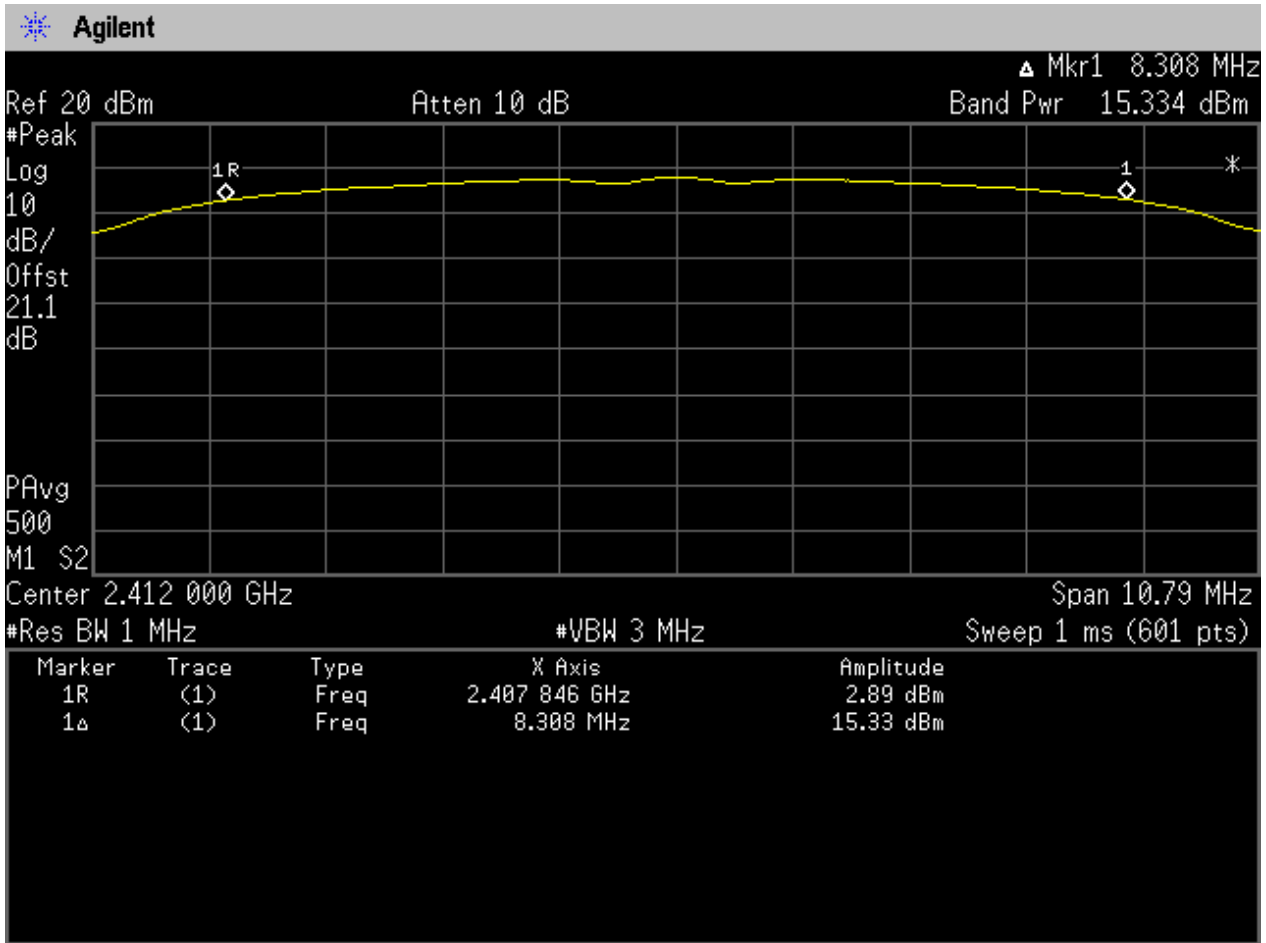
EUT Conf.	Pmax@Ant 1 [dBm]	Pmax@Ant 2 [dBm]	Pmax [dBm]	Verdict
11B/1_B@1	15.68	---	15.68	Pass
11B/1_B@2	---	15.33	15.33	Pass
11B/1_M@1	16.12	---	16.12	Pass
11B/1_M@2	---	15.53	15.53	Pass
11B/1_T@1	15.71	---	15.71	Pass
11B/1_T@2	---	15.29	15.29	Pass
11G/6_B@1	17.88	---	17.88	Pass
11G/6_B@2	---	17.47	17.47	Pass
11G/6_M@1	20.89	---	20.89	Pass
11G/6_M@2	---	20.51	20.51	Pass
11G/6_T@1	17.67	---	17.67	Pass
11G/6_T@2	---	17.84	17.84	Pass
11N20/0_B@1	17.49	---	17.49	Pass
11N20/0_B@2	---	17.77	17.77	Pass
11N20/0_M@1	20.94	---	20.94	Pass
11N20/0_M@2	---	20.62	20.62	Pass
11N20/0_T@1	17.45	---	17.45	Pass
11N20/0_T@2	---	17.49	17.49	Pass
11N40/0_B@1	15.11	---	15.11	Pass
11N40/0_B@2	---	14.94	14.94	Pass
11N40/0_M@1	19.7	---	19.7	Pass
11N40/0_M@2	---	19.36	19.36	Pass
11N40/0_T@1	14.92	---	14.92	Pass
11N40/0_T@2	---	15.8	15.8	Pass
11N20m/8_B@1+2	14.89	15.59	18.26	Pass
11N20m/8_M@1+2	22.37	22.6	25.50	Pass
11N20m/8_T@1+2	15.82	16.48	19.17	Pass
11N40m/8_B@1+2	14.65	14.88	17.78	Pass
11N40m/8_M@1+2	18.03	18.39	21.22	Pass
11N40m/8_T@1+2	13.91	14.81	17.39	Pass

2 Test Plot

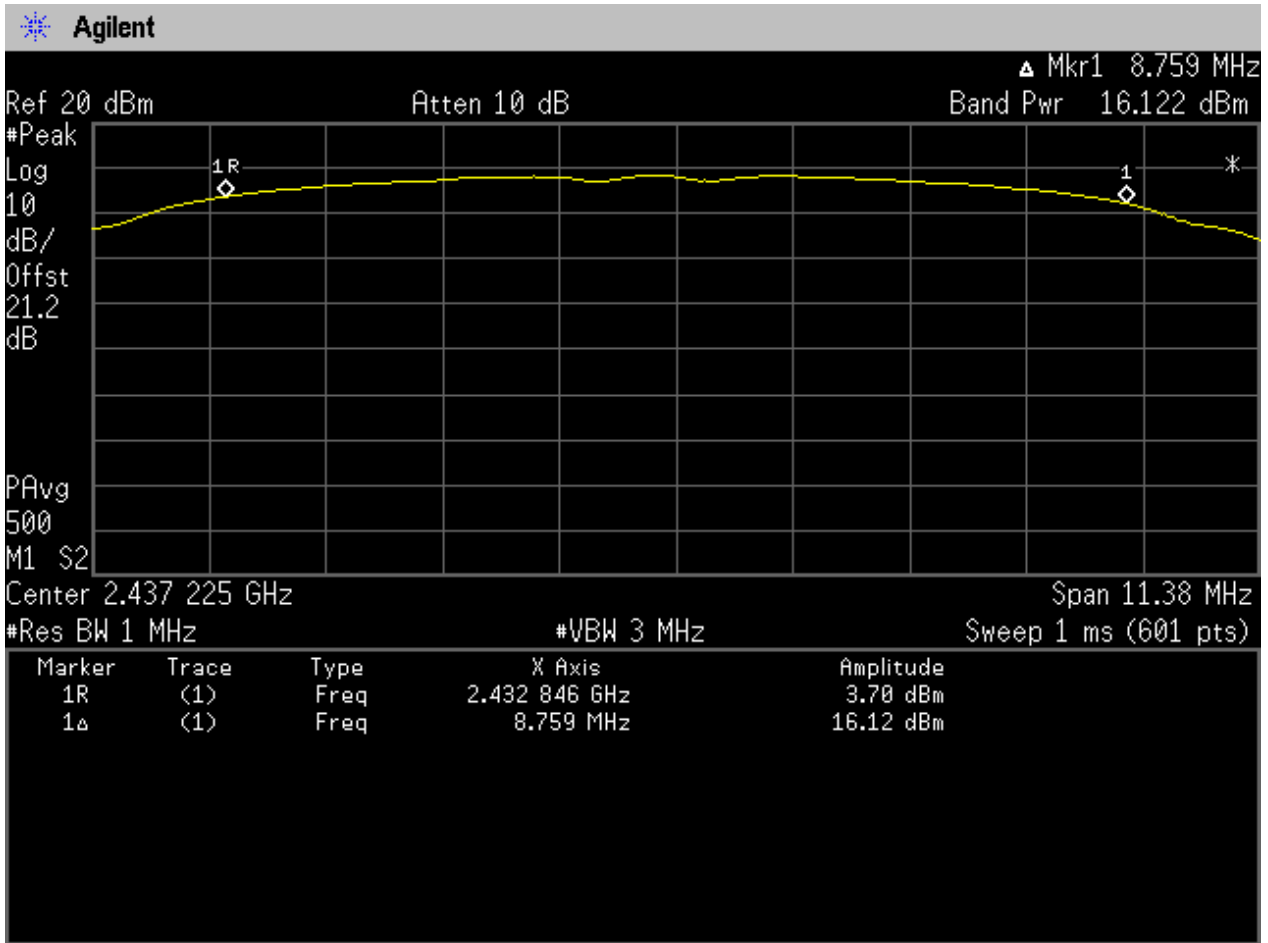
2.1 11B/1_B@1



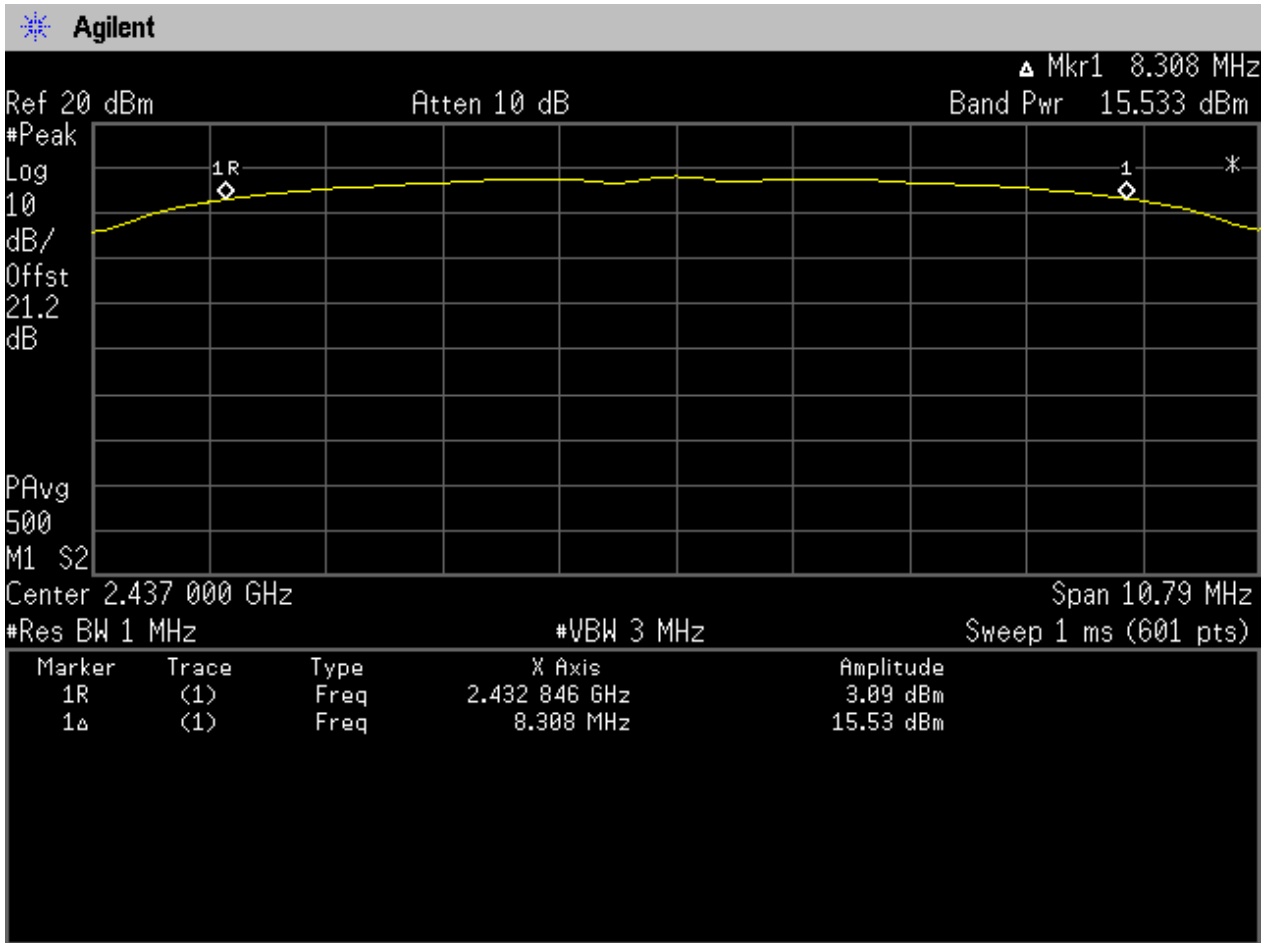
2.2 11B/1_B@2



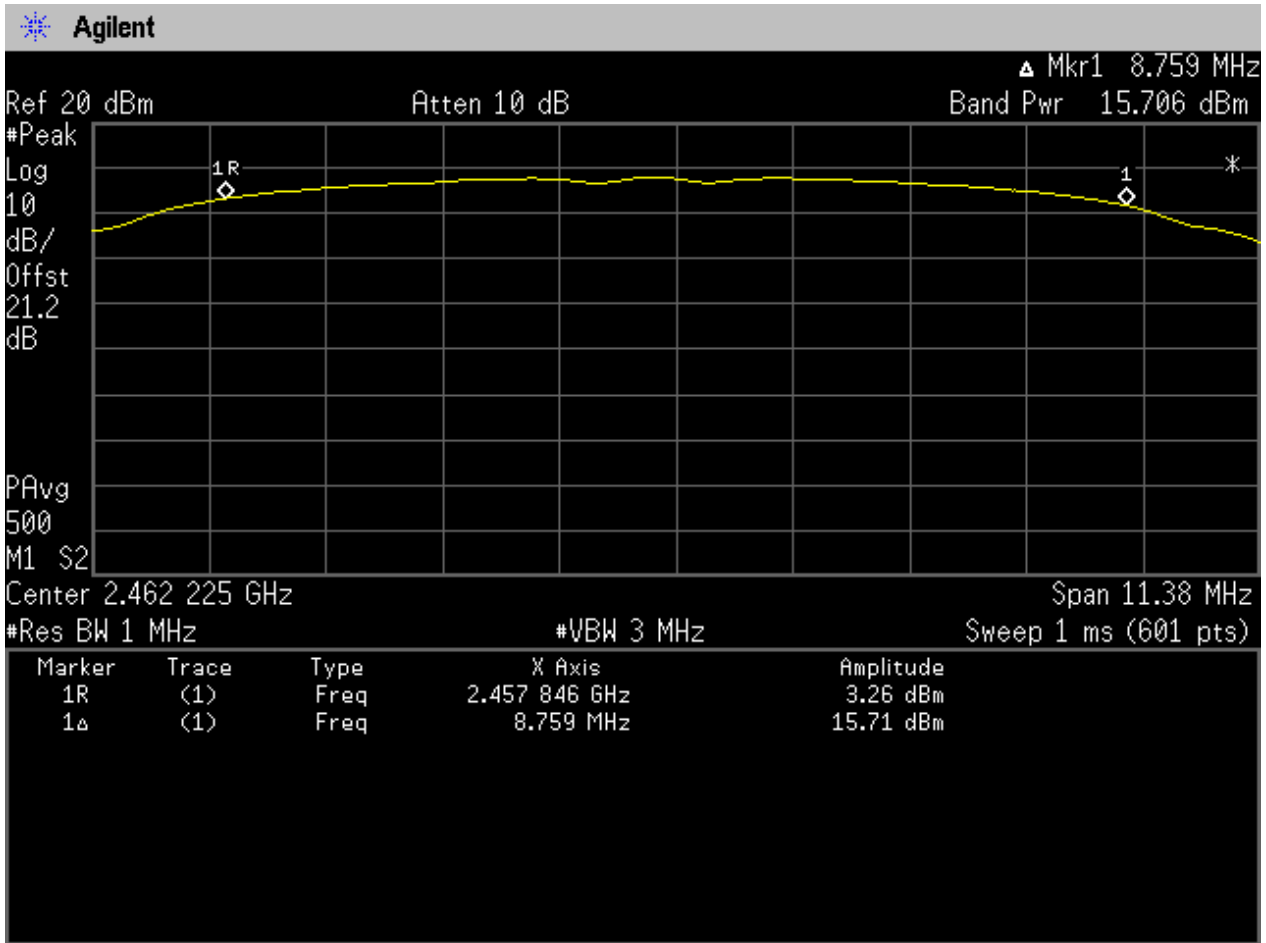
2.3 11B/1_M@1



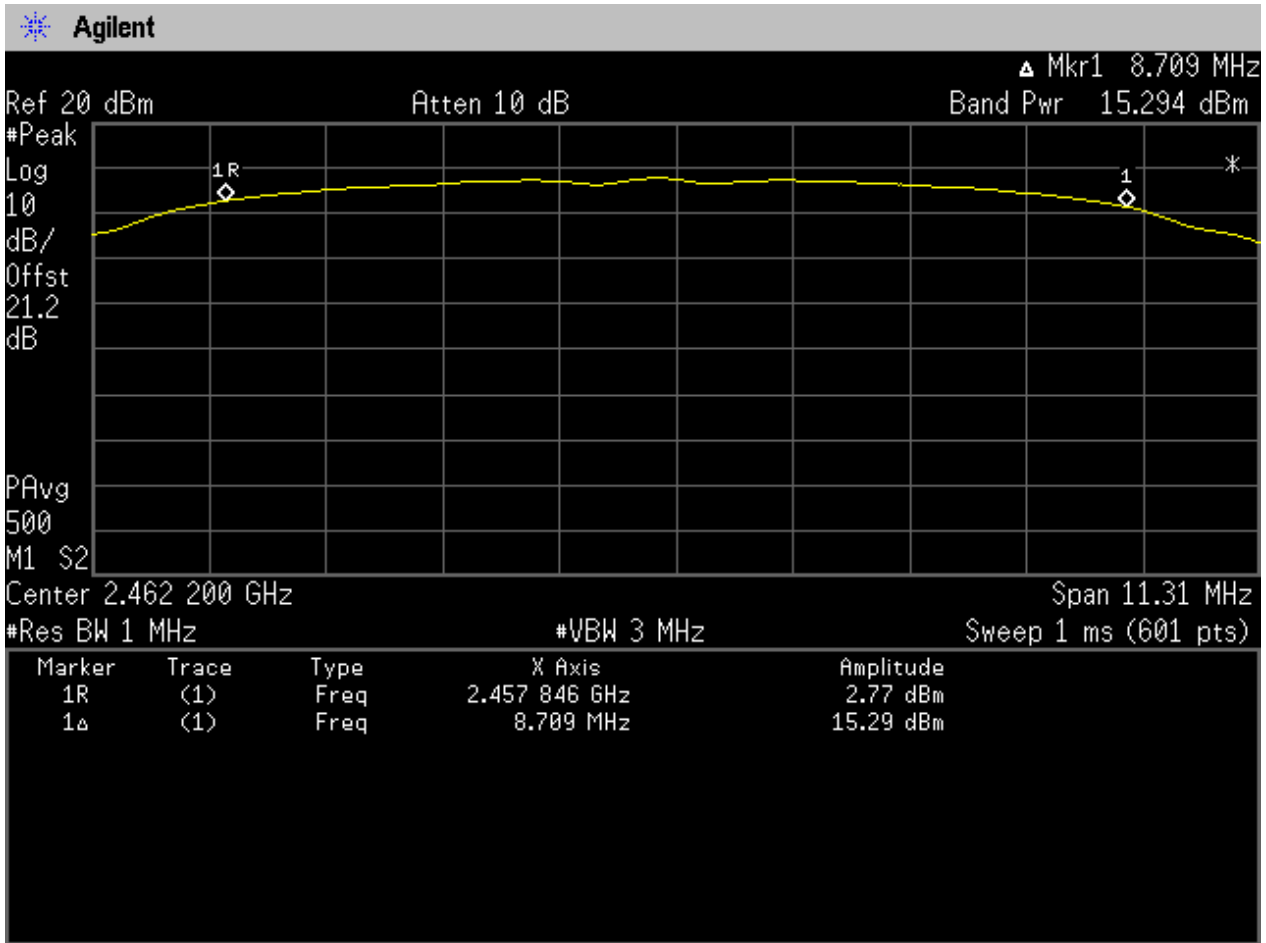
2.4 11B/1_M@2



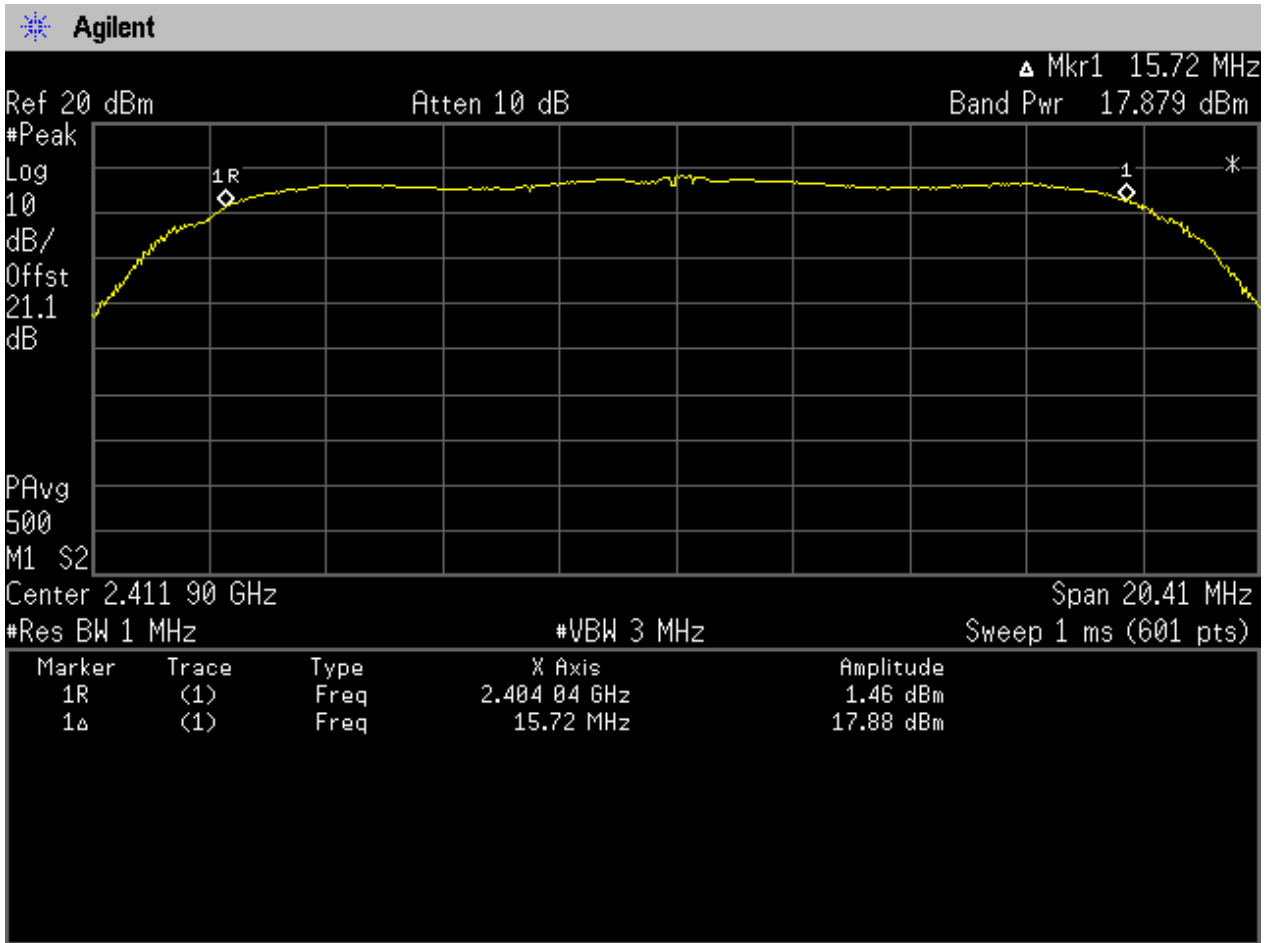
2.5 11B/1_T@1



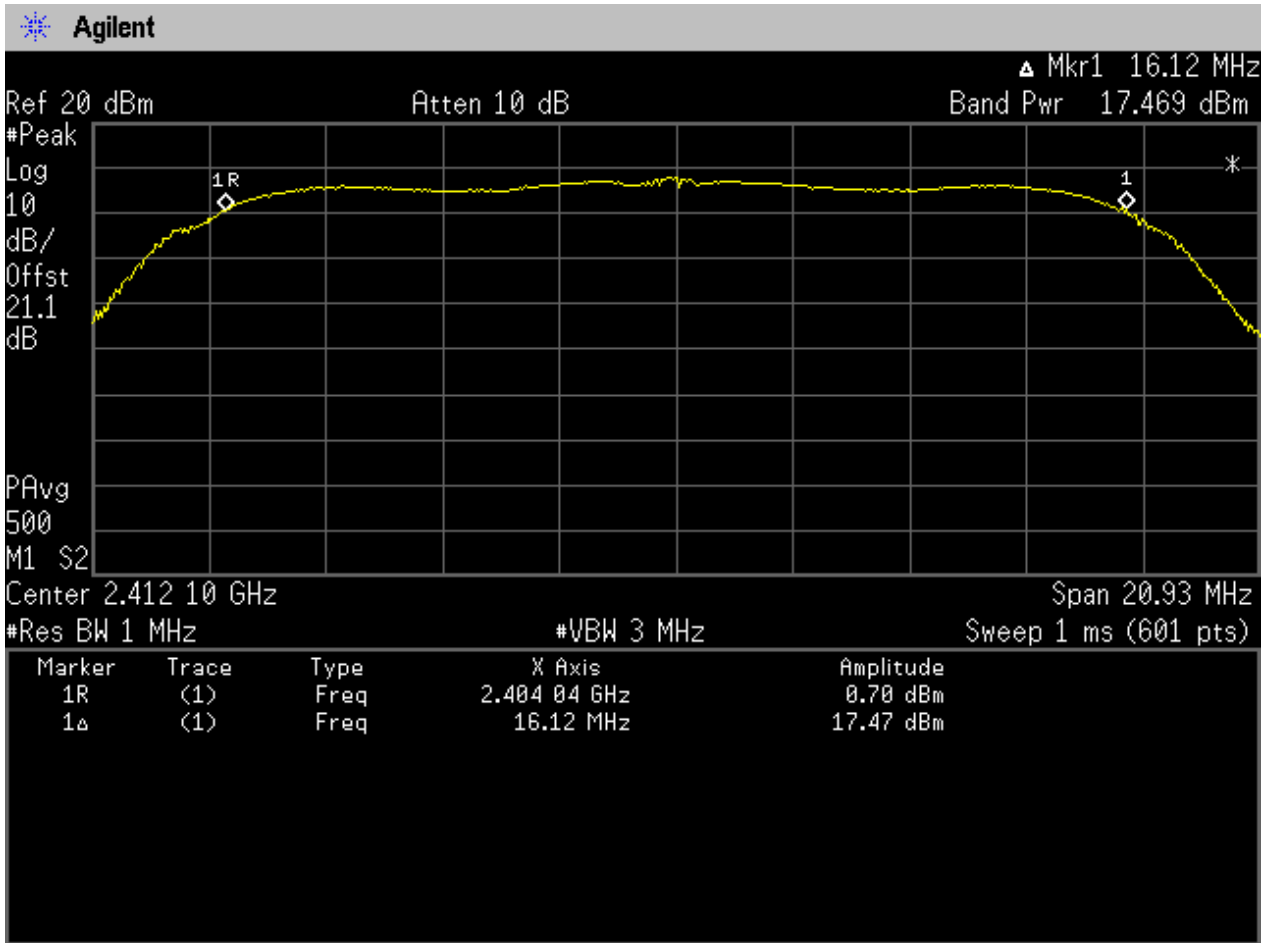
2.6 11B/1_T@2



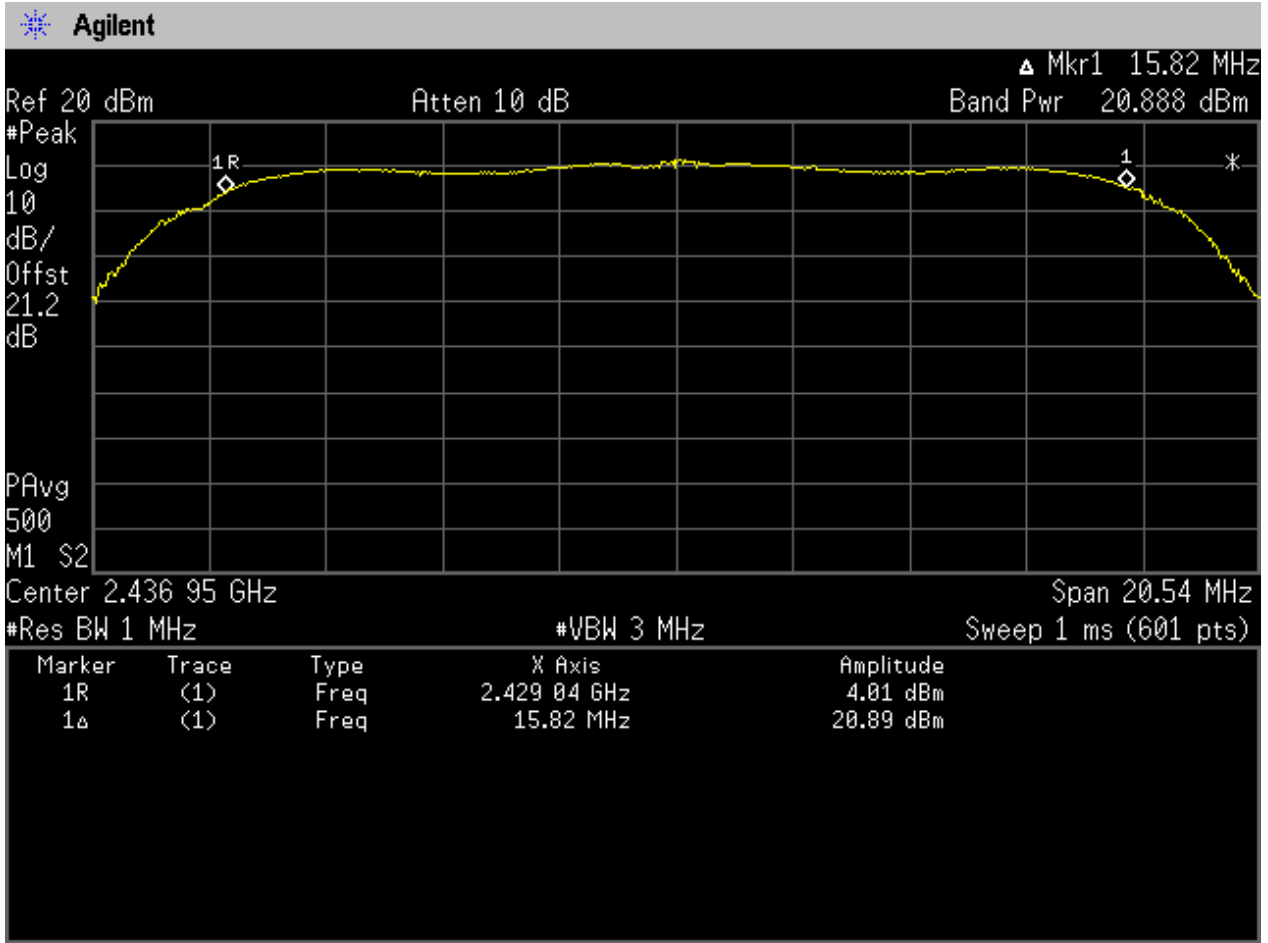
2.7 11G/6_B@1



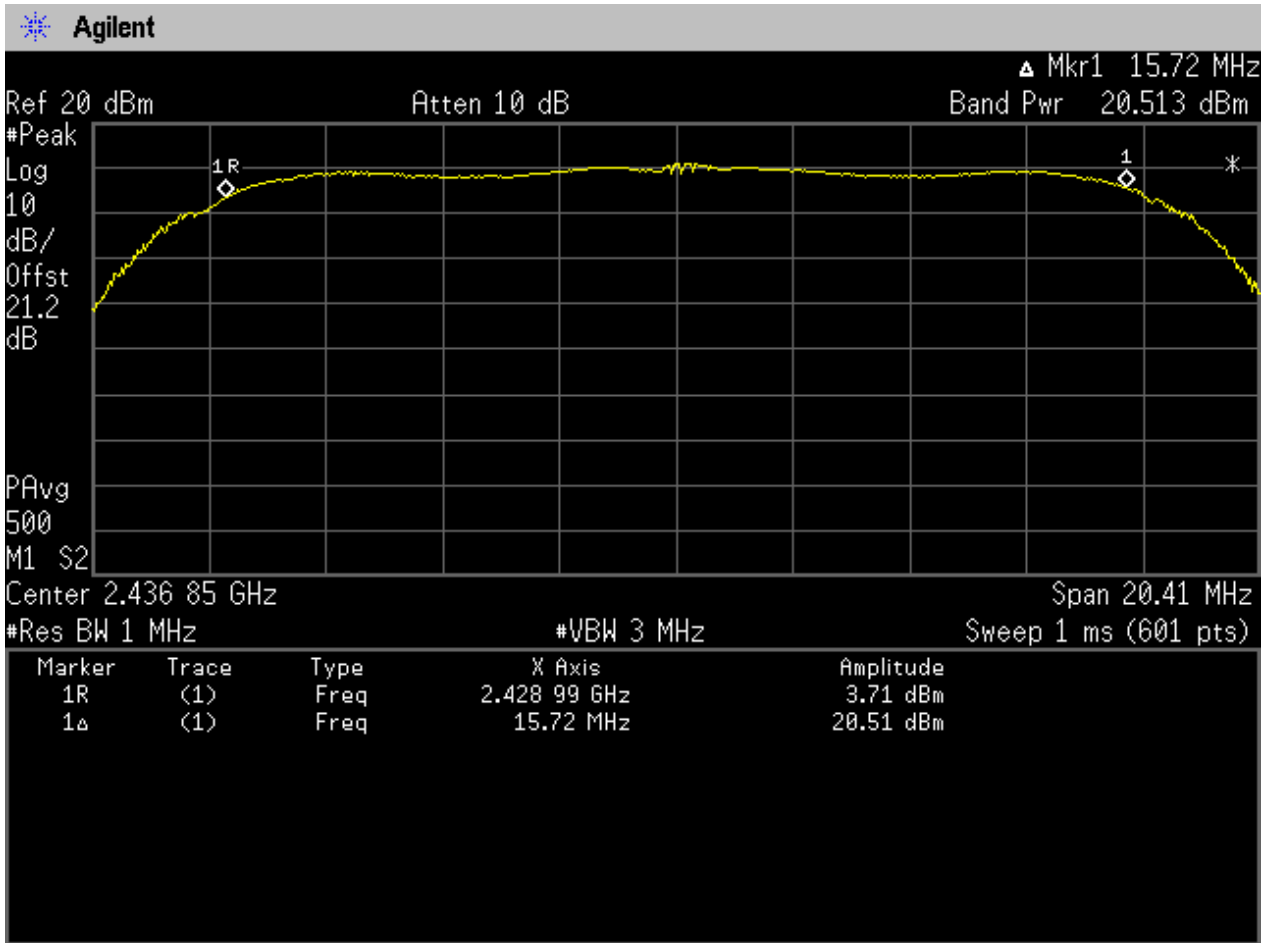
2.8 11G/6_B@2



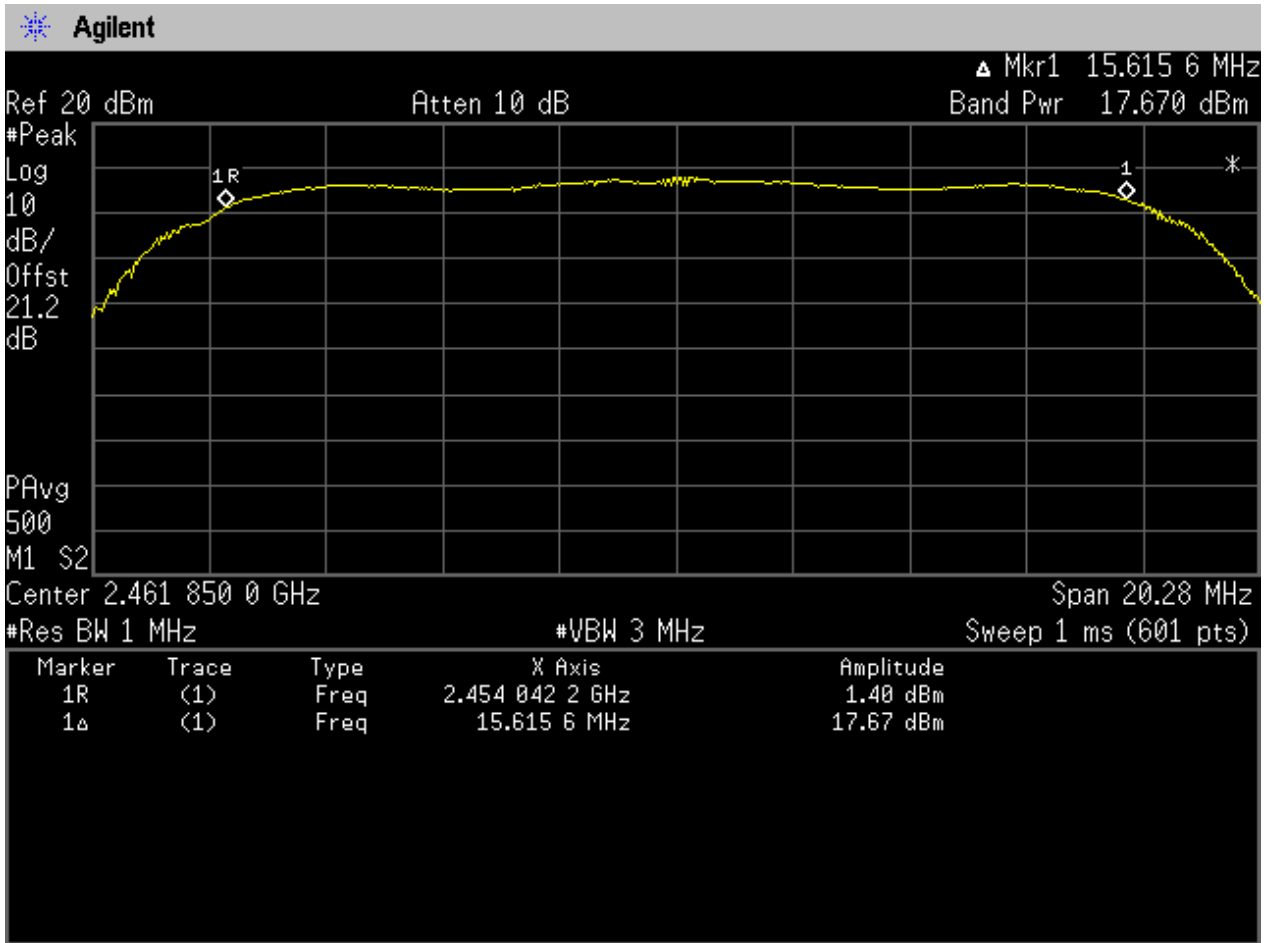
2.9 11G/6_M@1



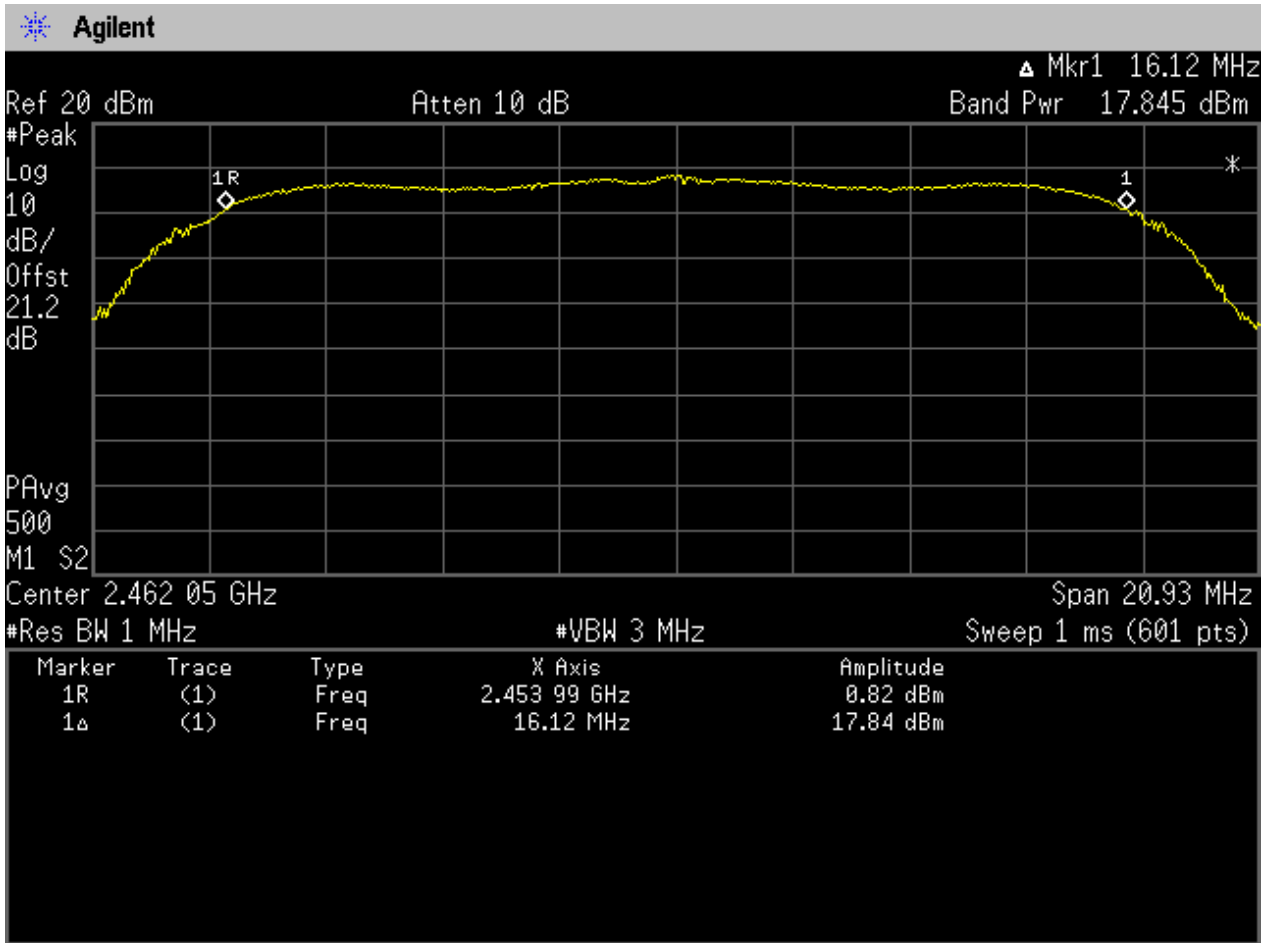
2.1011G/6_M@2



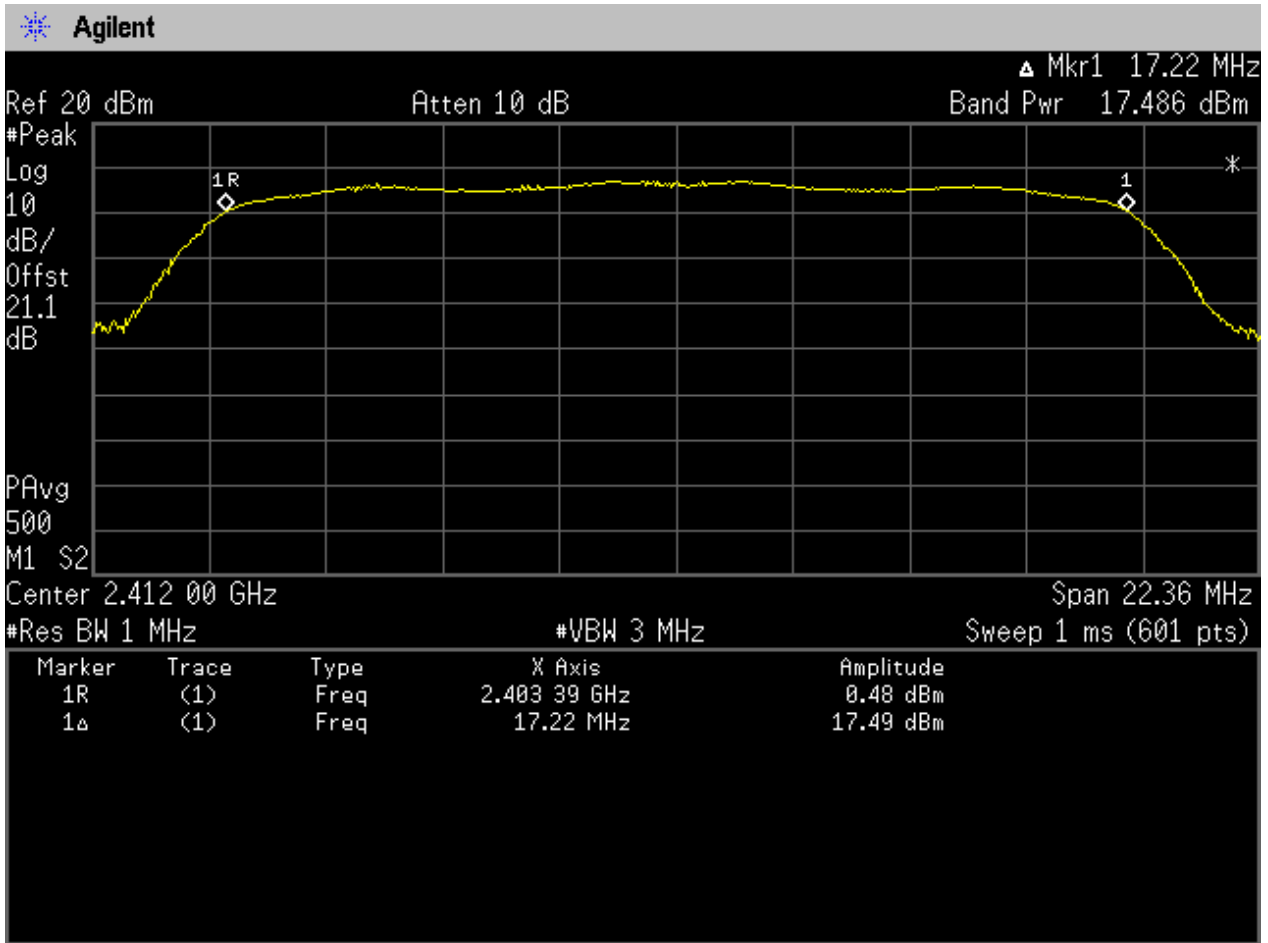
2.1111G/6_T@1



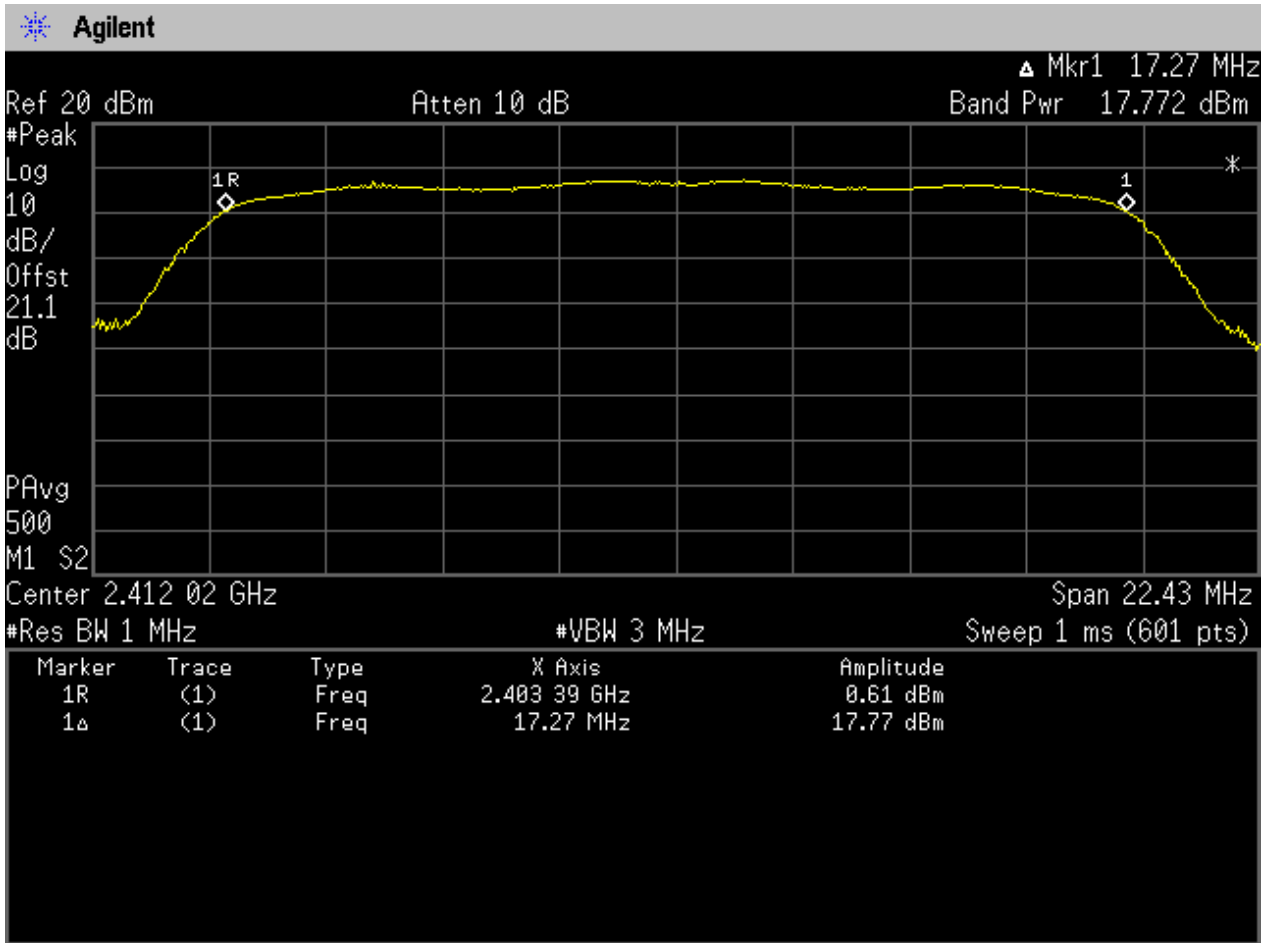
2.1211G/6_T@2



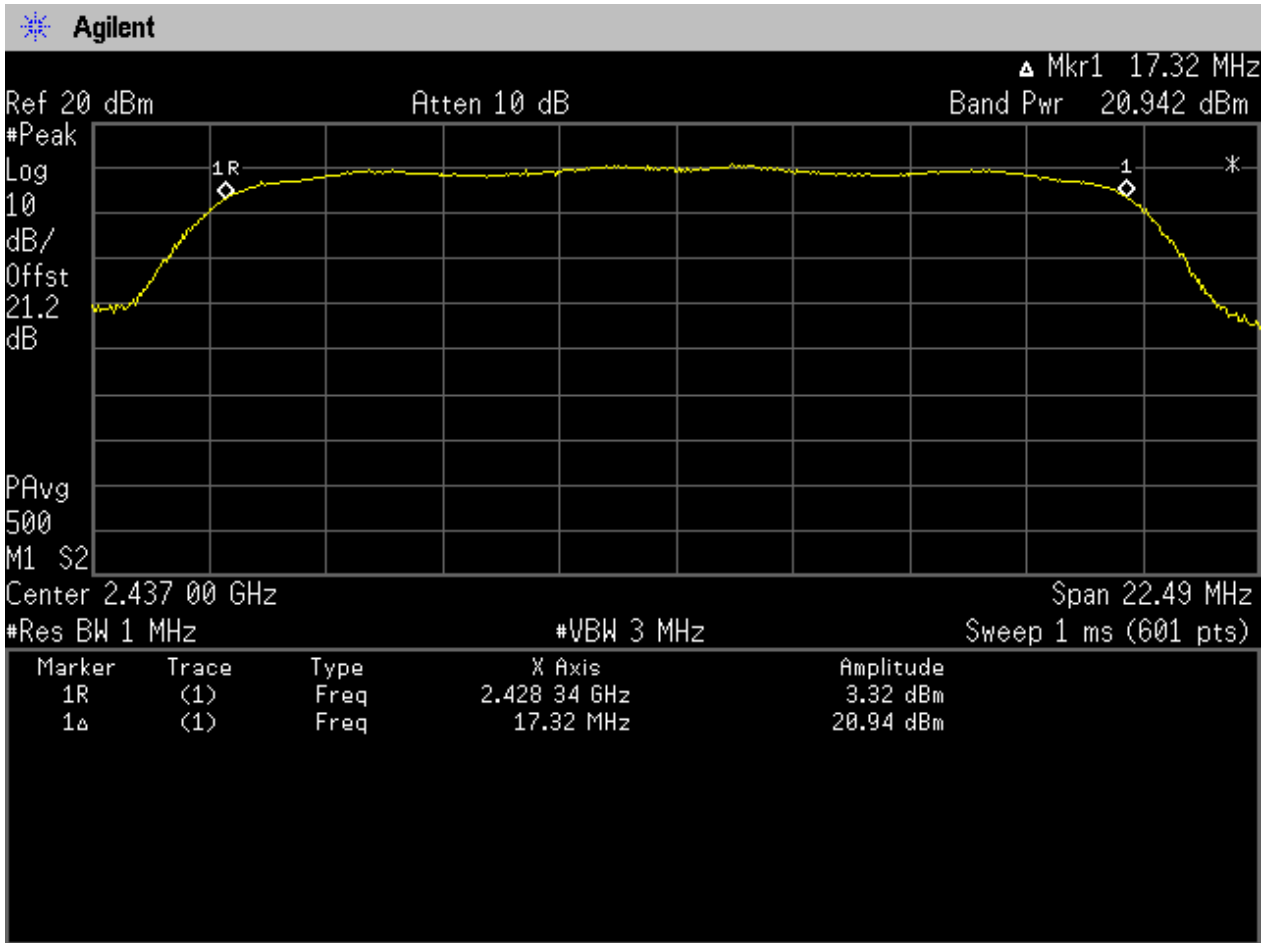
2.1311N20/0_B@1



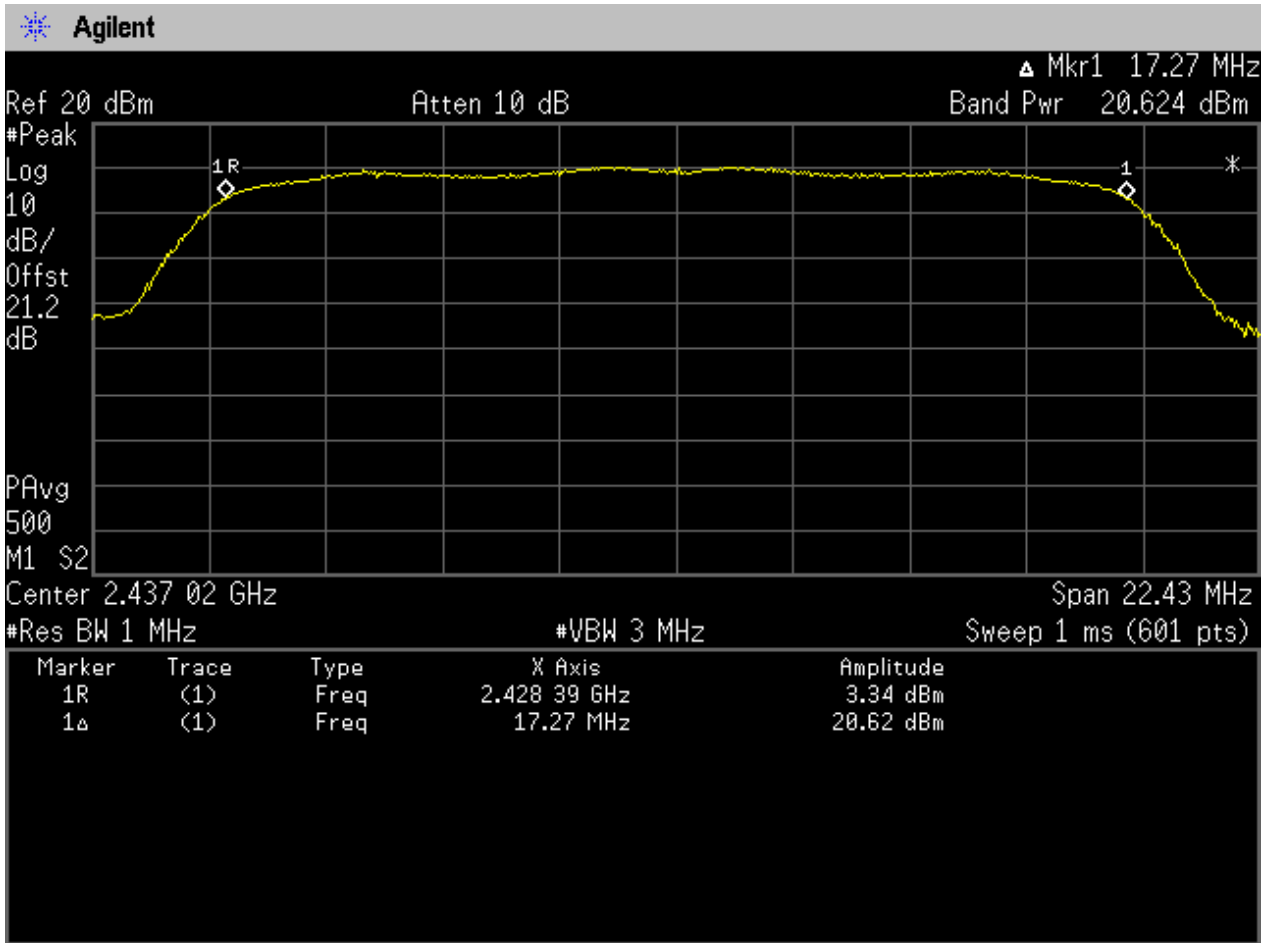
2.1411N20/0_B@2



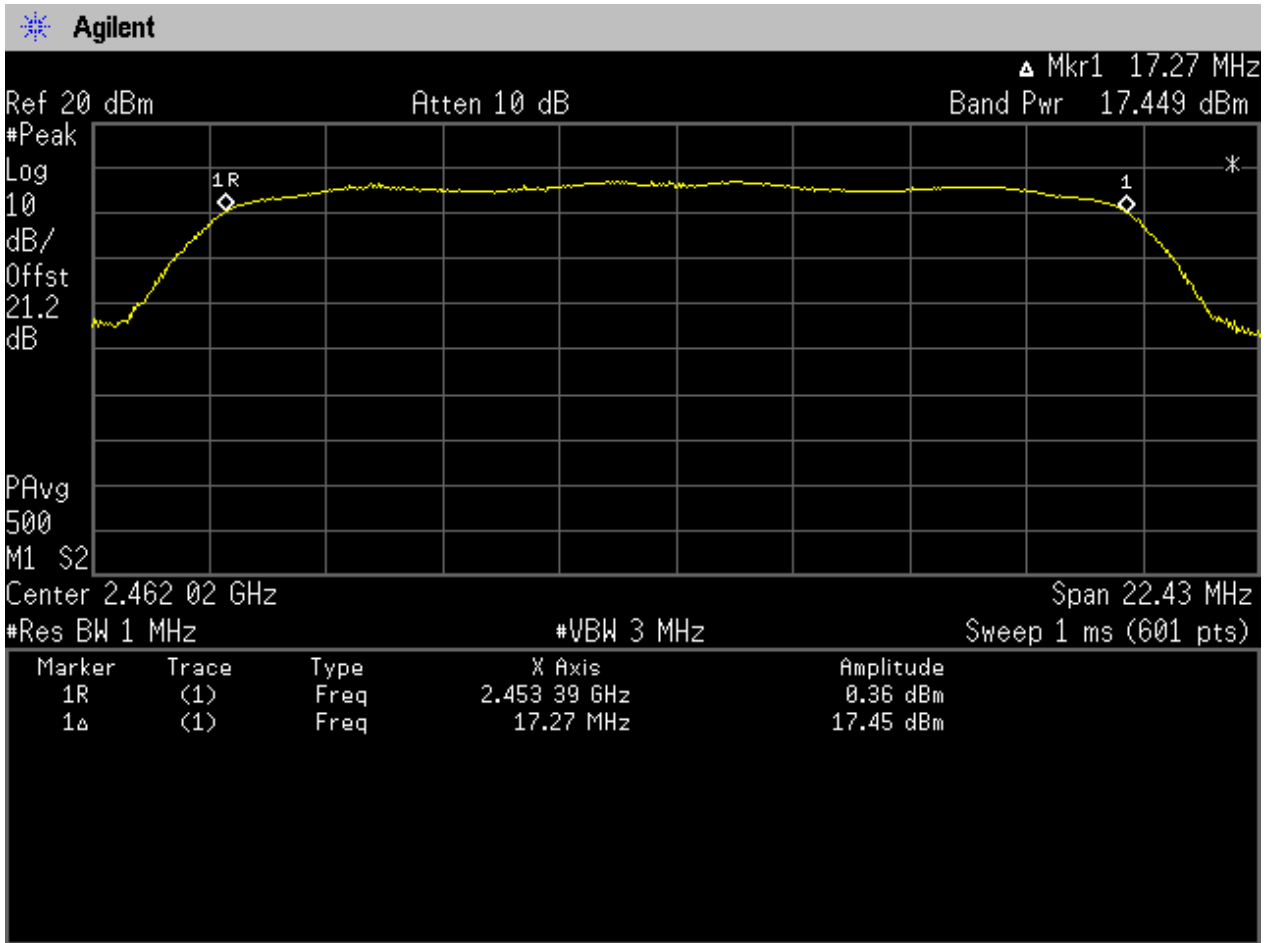
2.1511N20/0_M@1



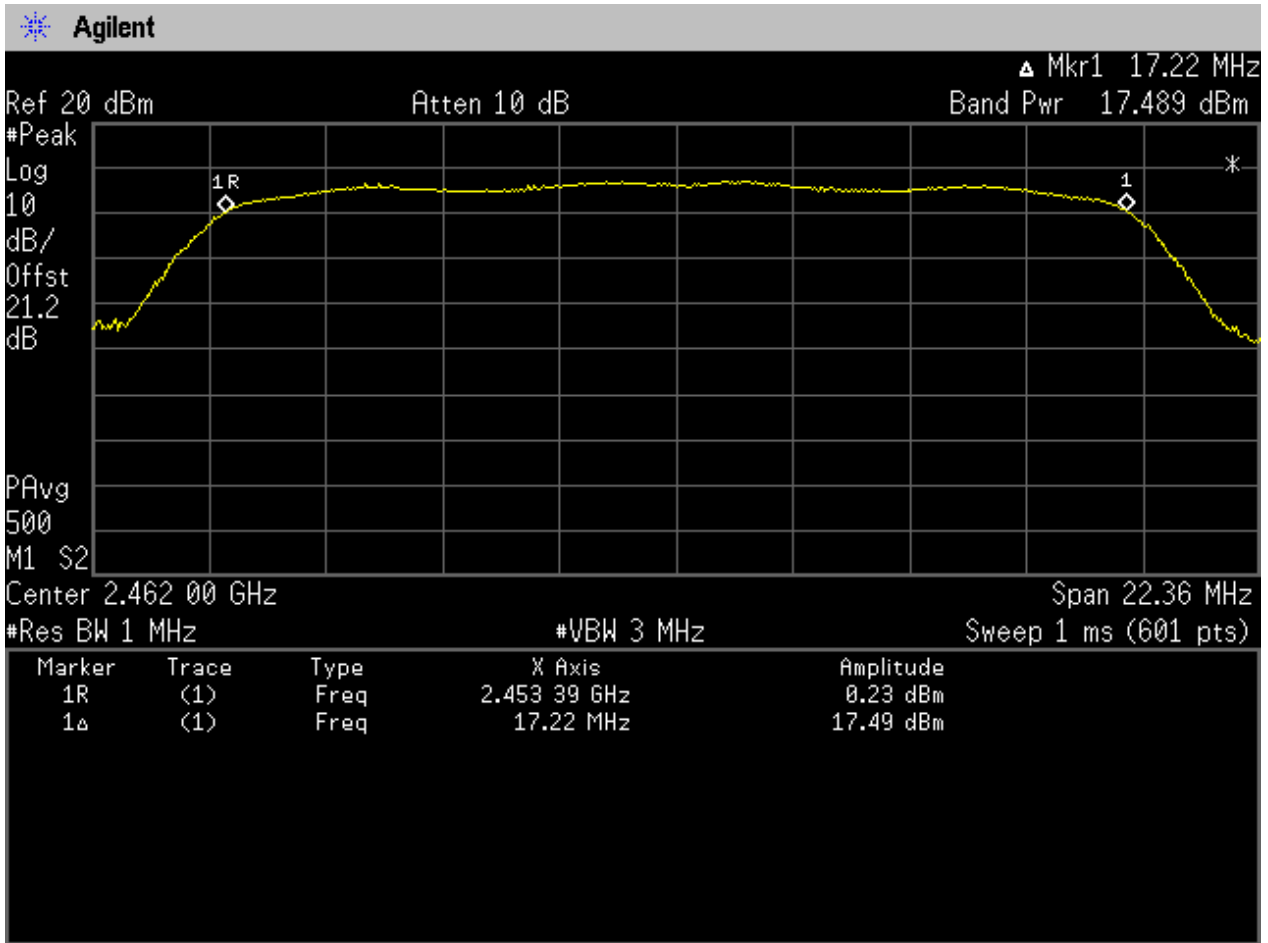
2.1611N20/0_M@2



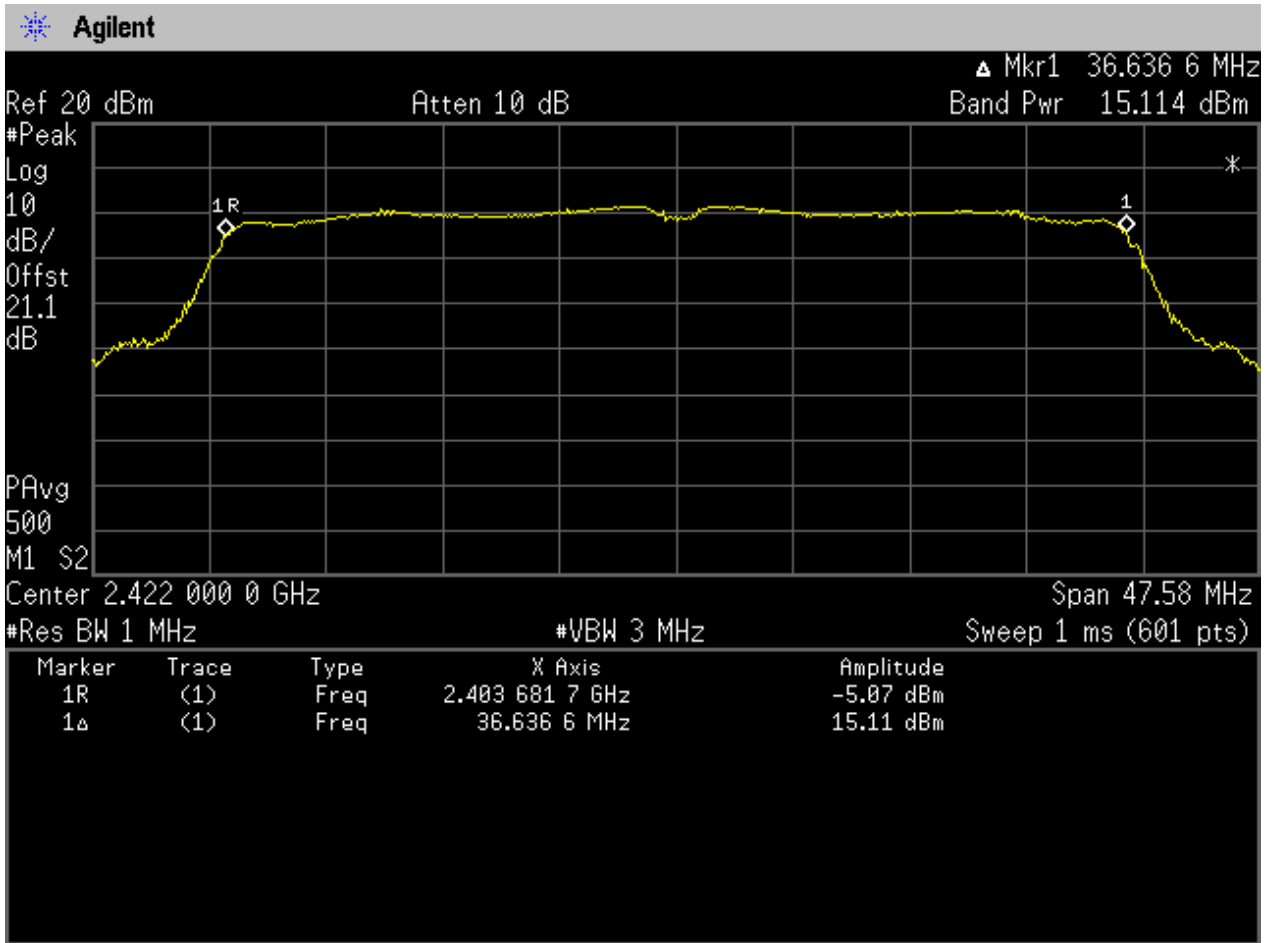
2.1711N20/0_T@1



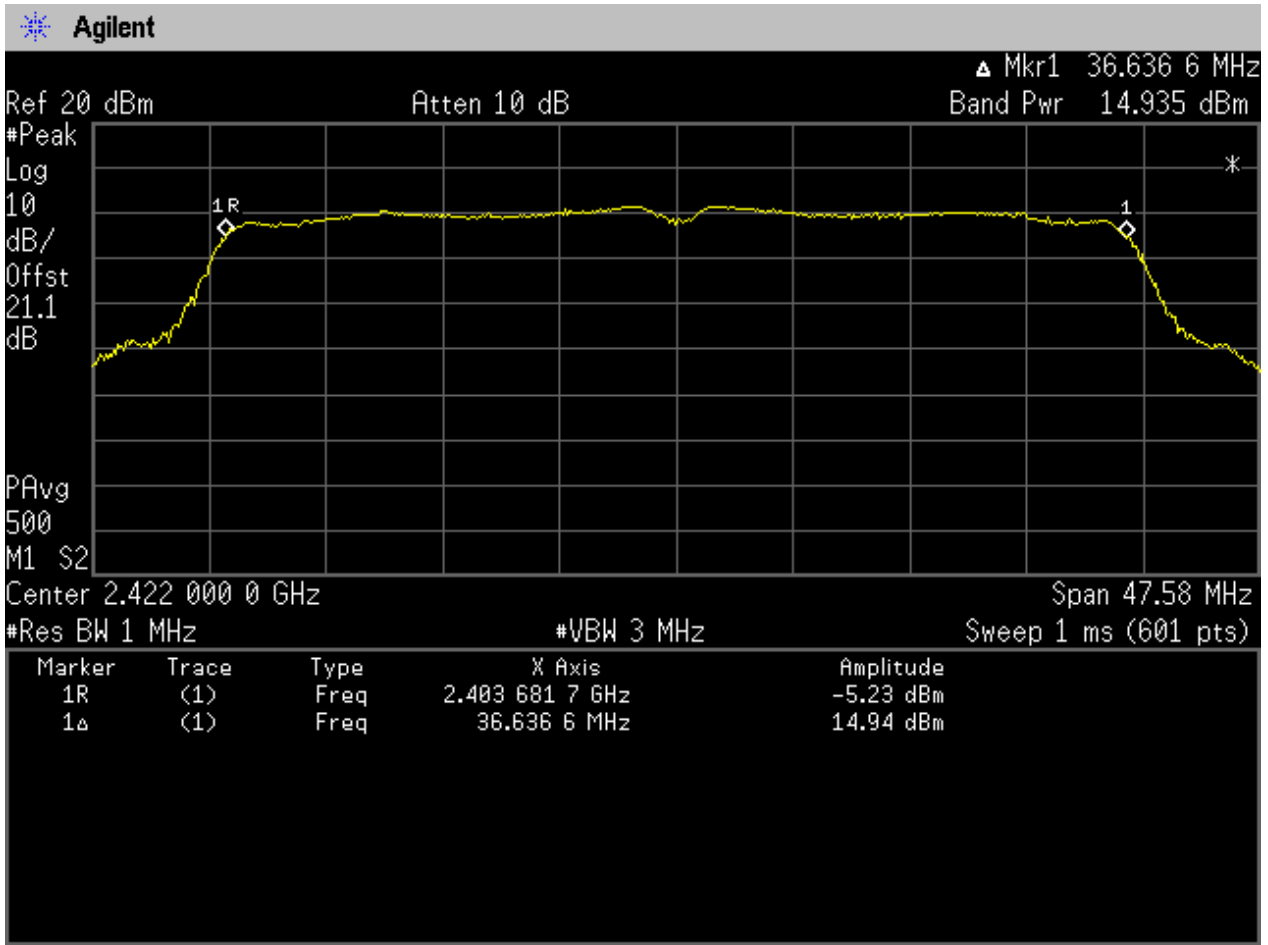
2.1811N20/0_T@2



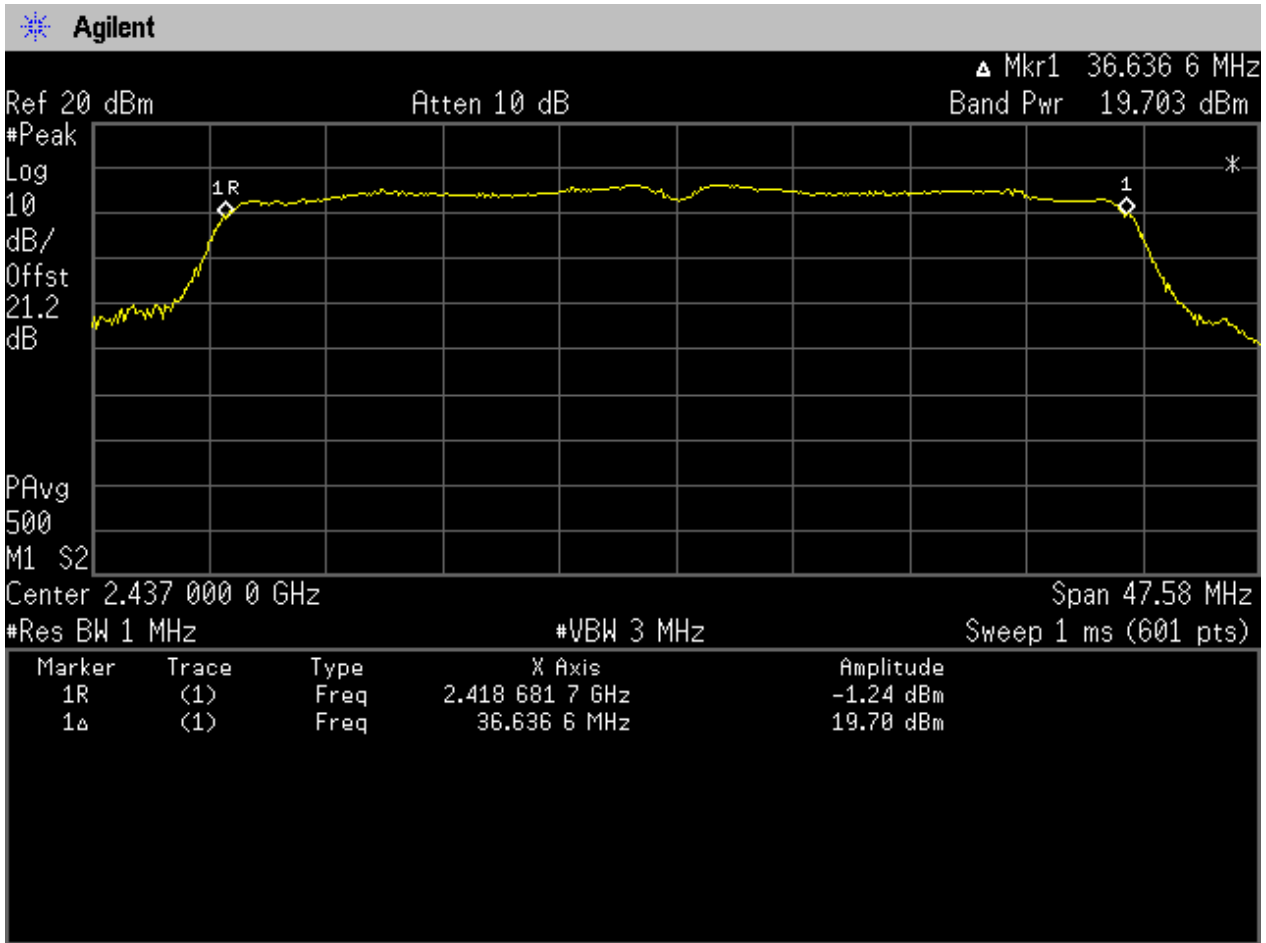
2.1911N40/0_B@1



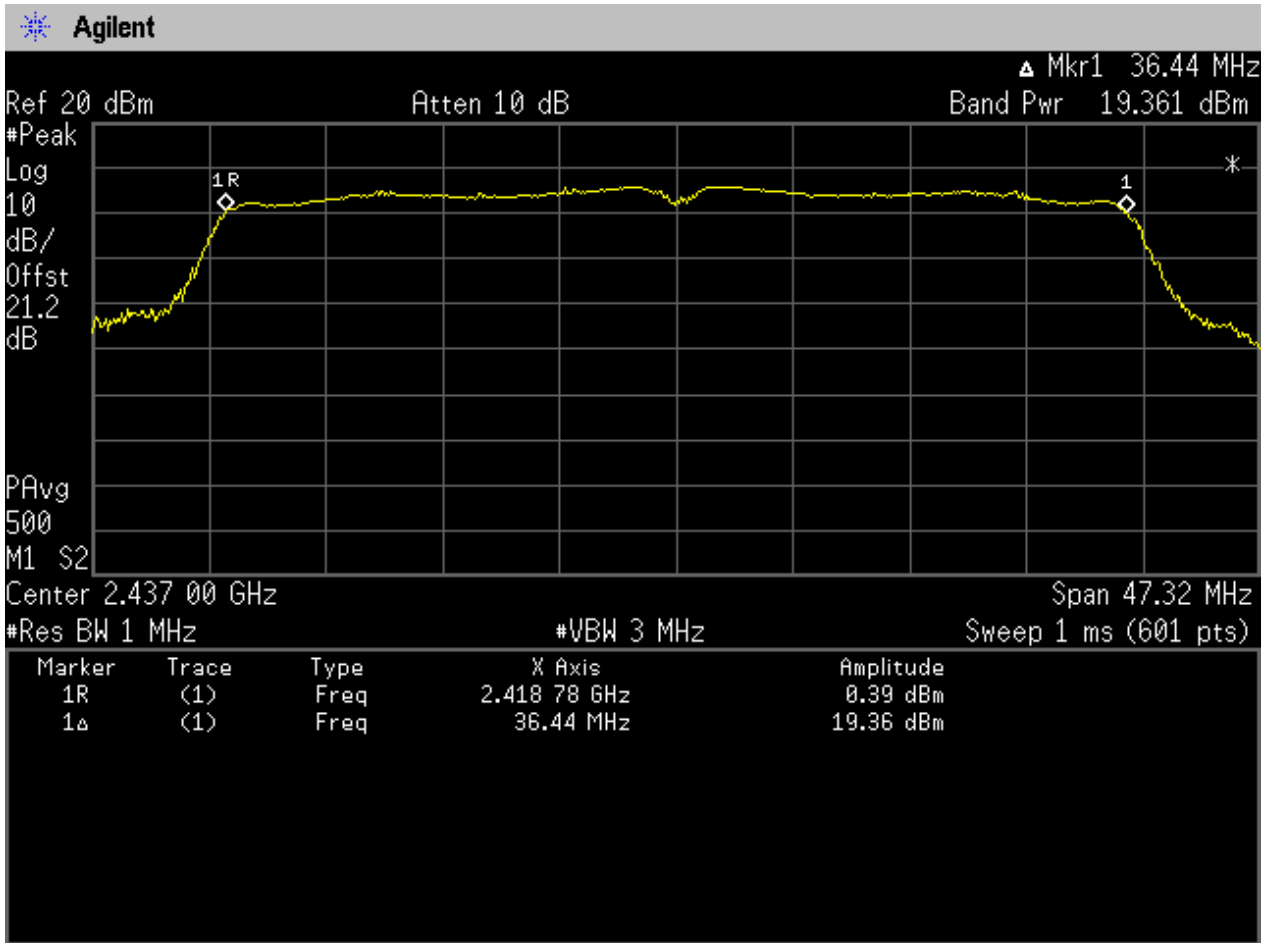
2.2011N40/0_B@2



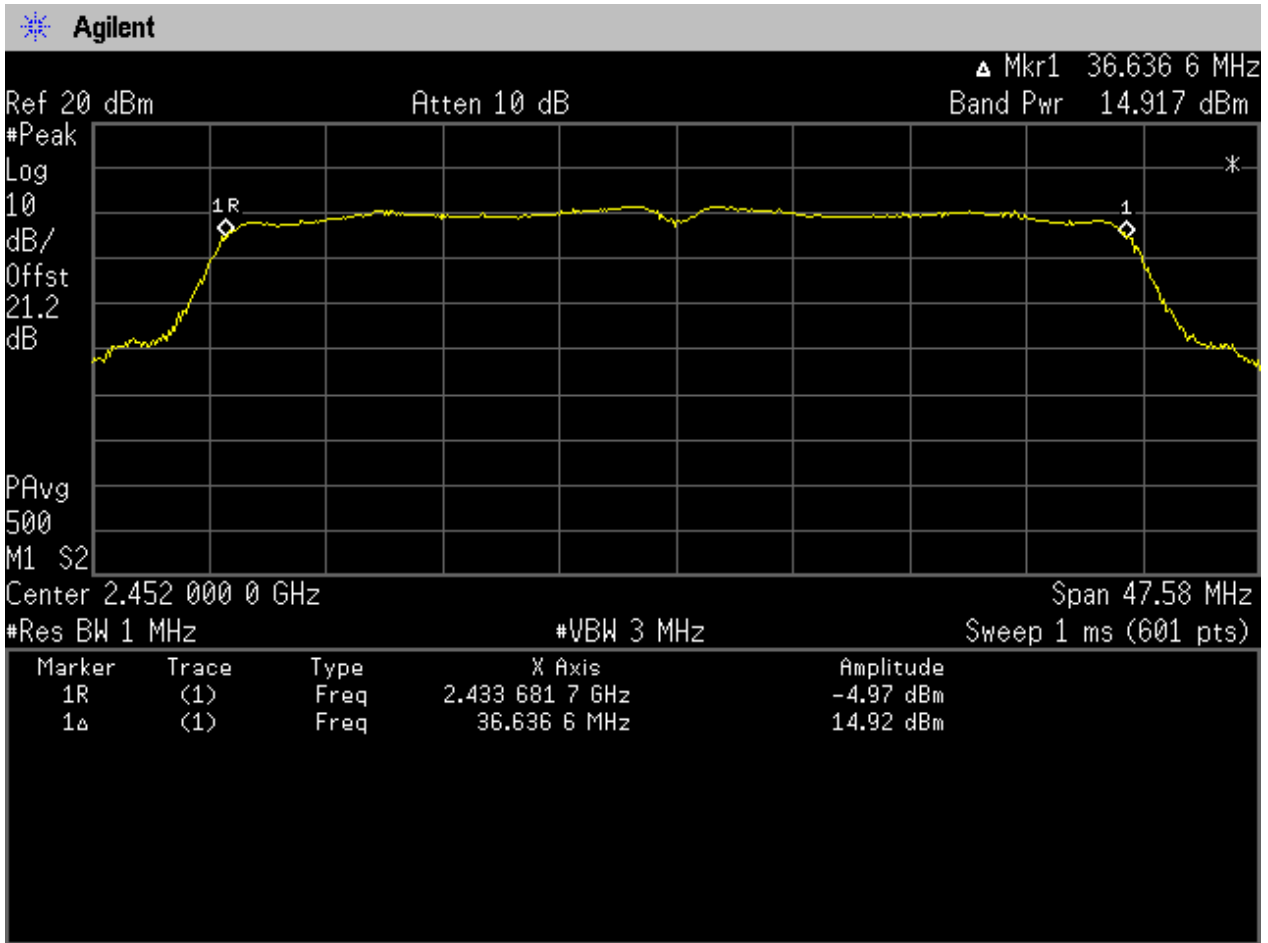
2.2111N40/0_M@1



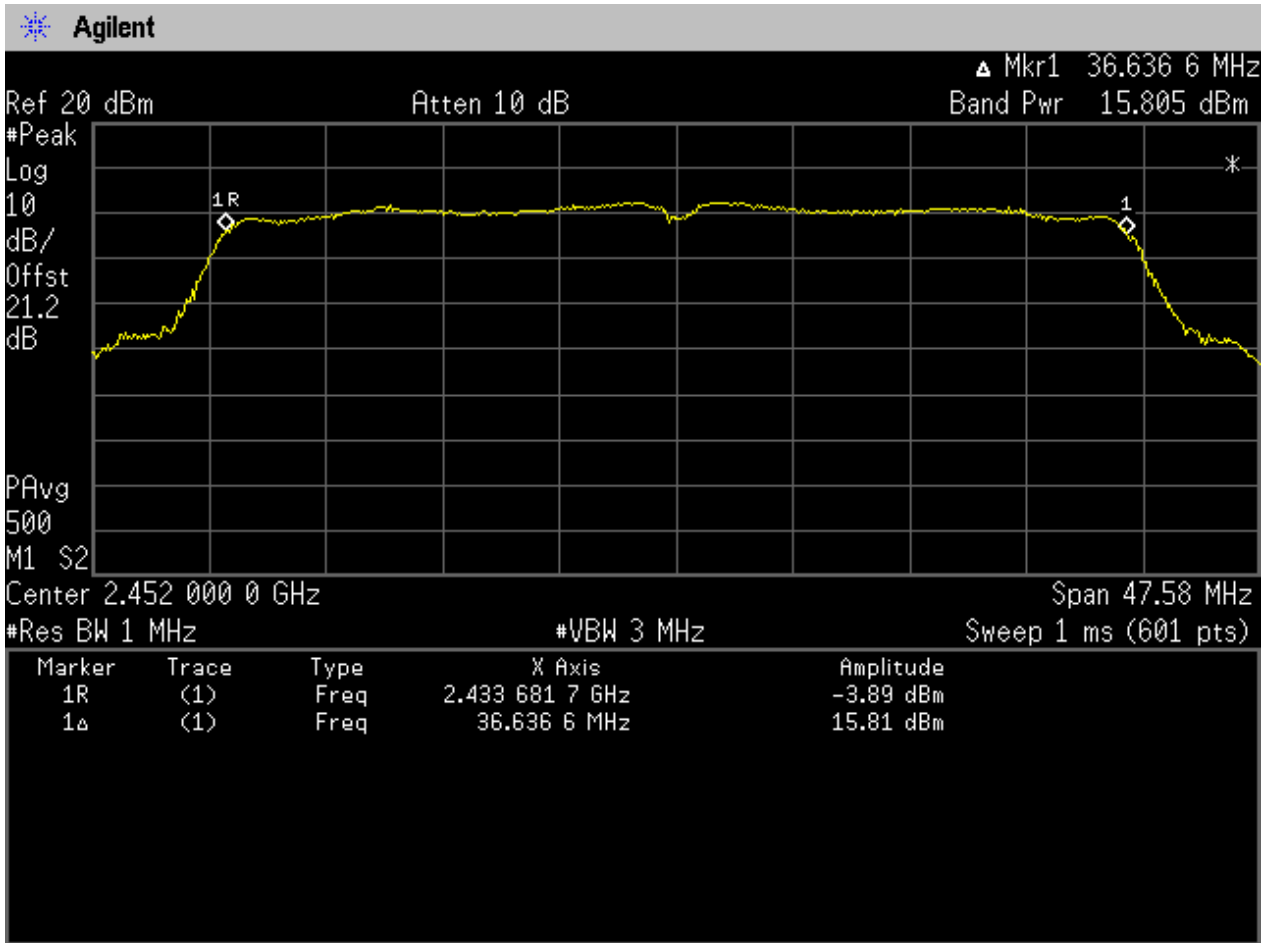
2.2211N40/0_M@2



2.2311N40/0_T@1

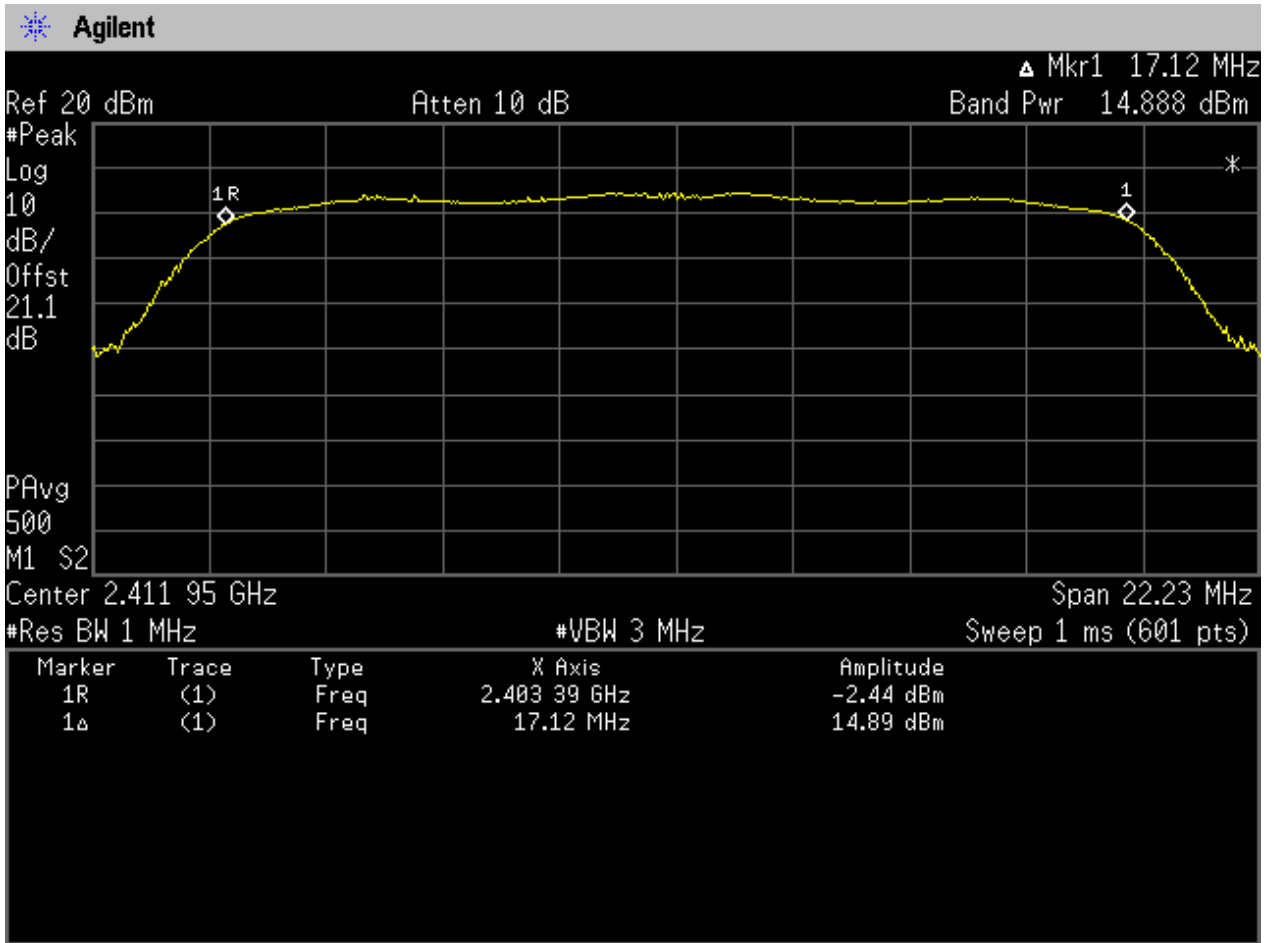


2.2411N40/0_T@2

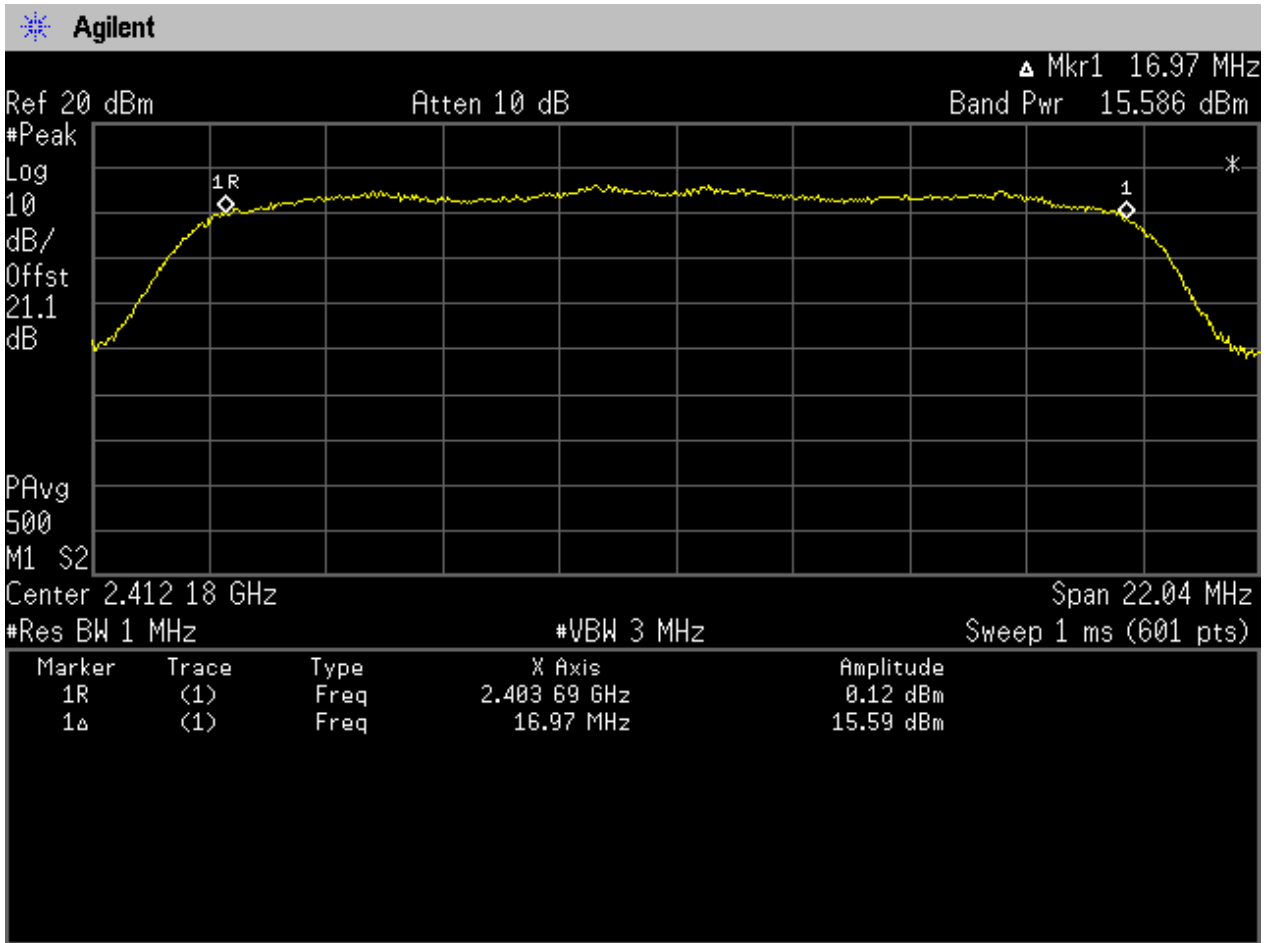


2.2511N20m/8_B@1+2

2.25.1 Ant 1

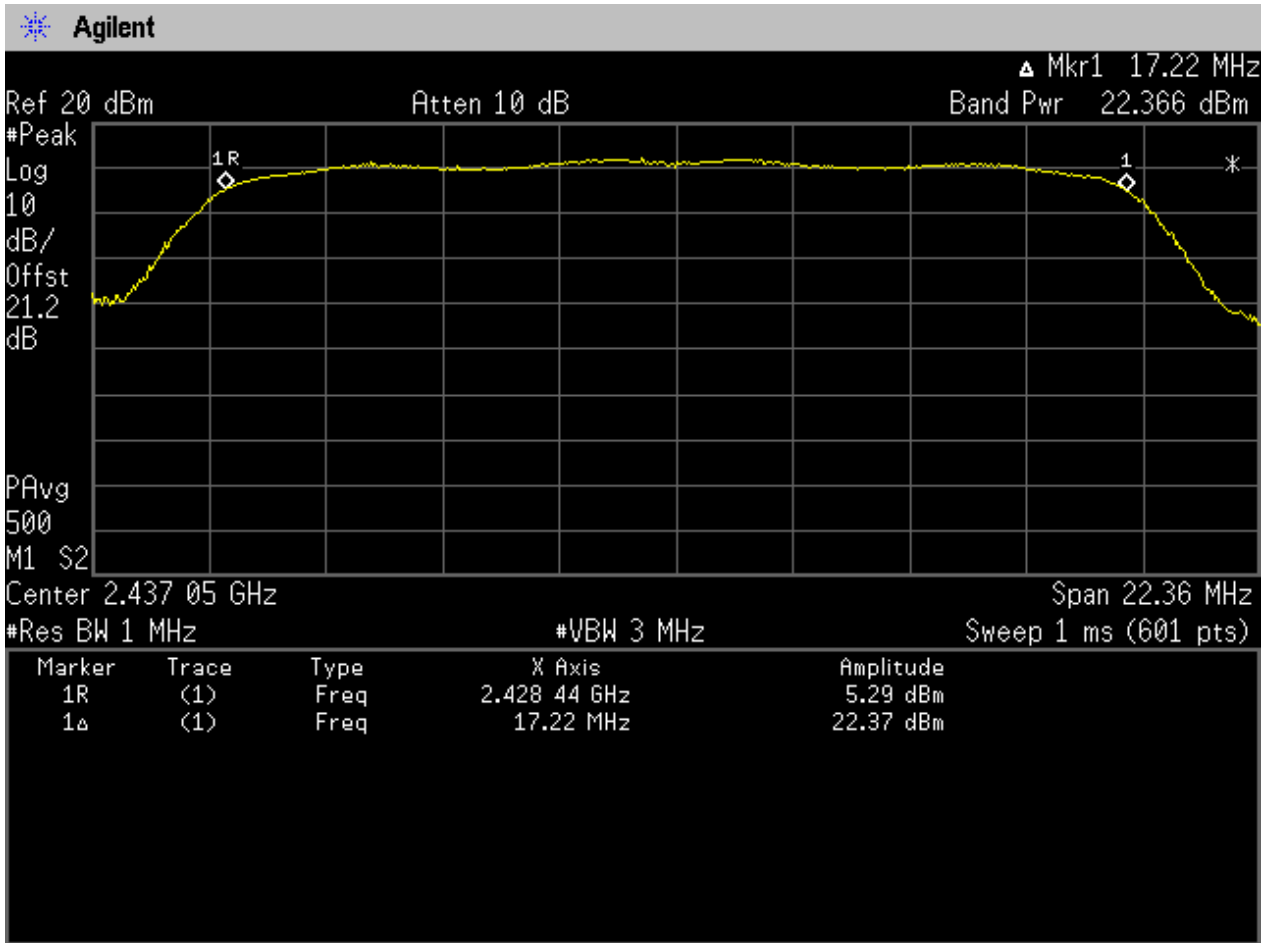


2.25.2 Ant 2

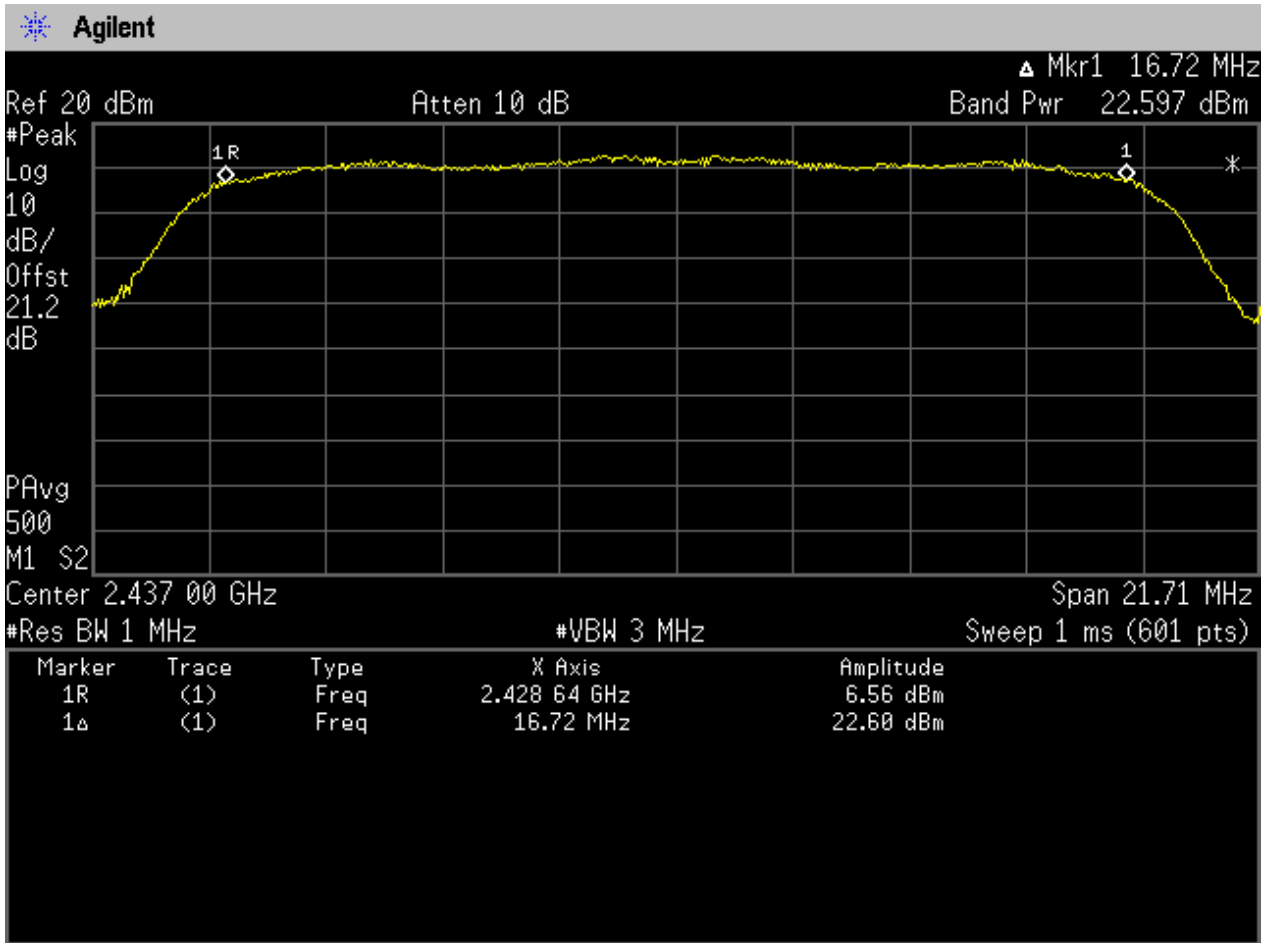


2.2611N20m/8_M@1+2

2.26.1 Ant 1

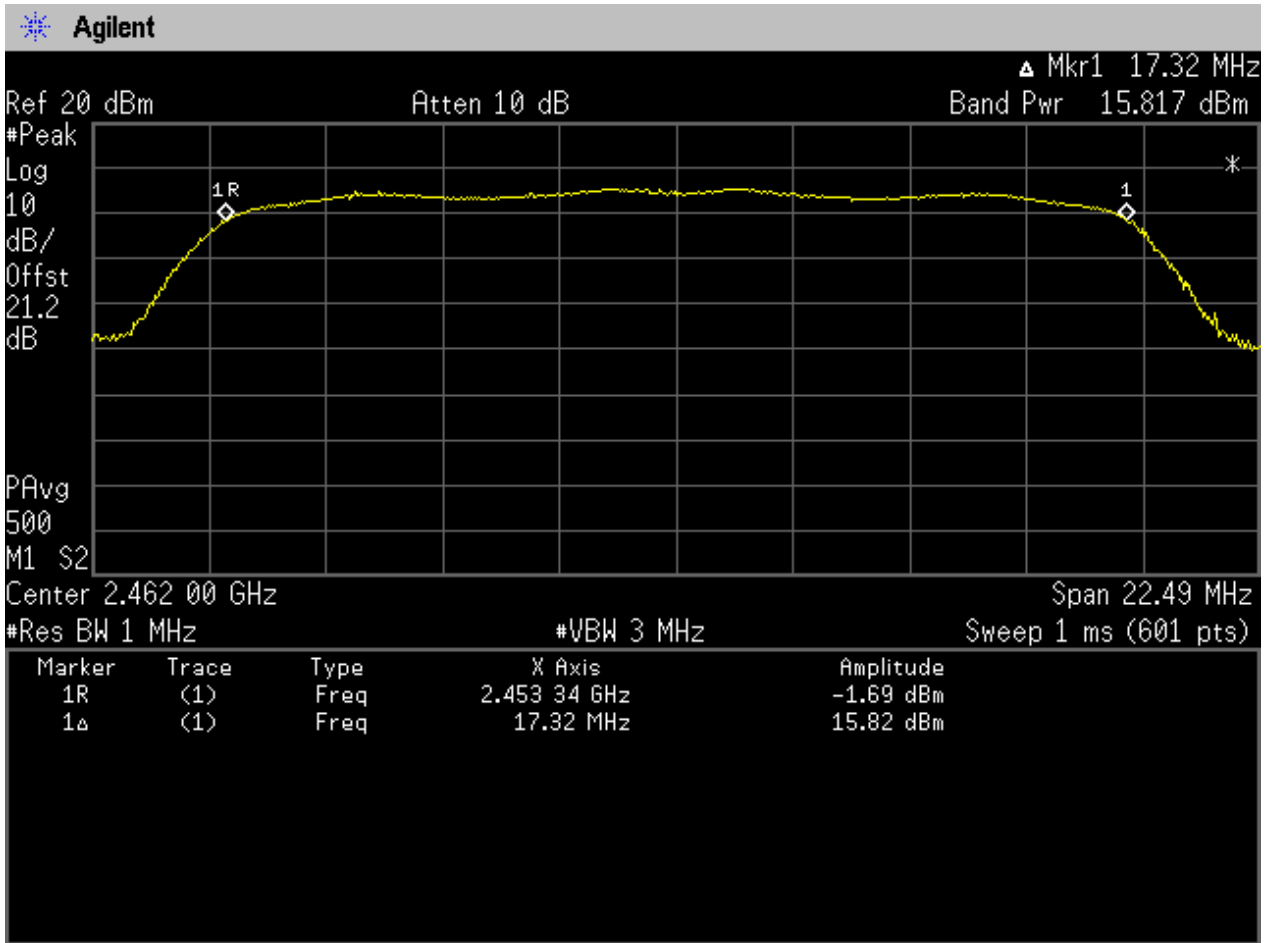


2.26.2 Ant 2

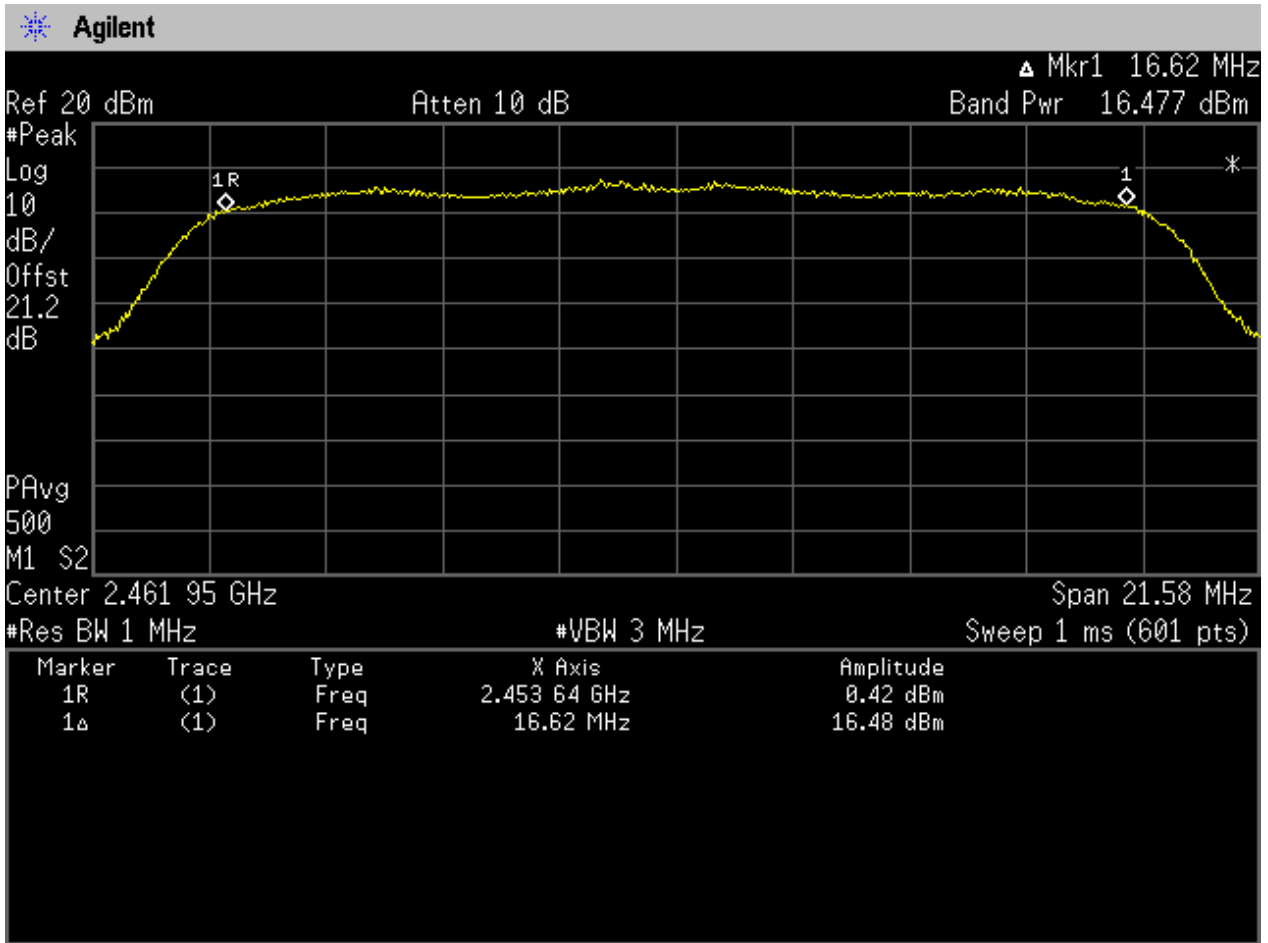


2.2711N20m/8_T@1+2

2.27.1 Ant 1

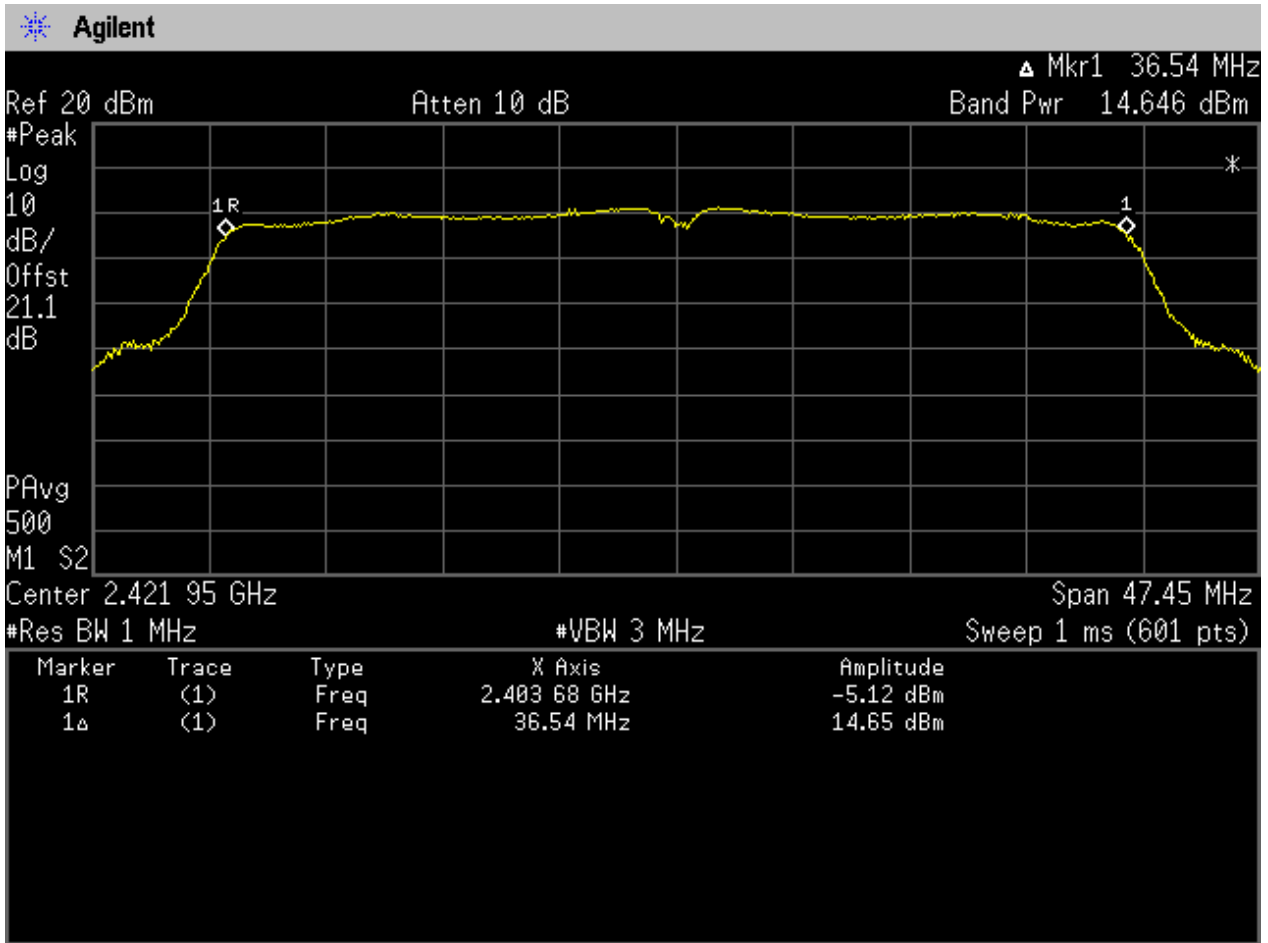


2.27.2 Ant 2

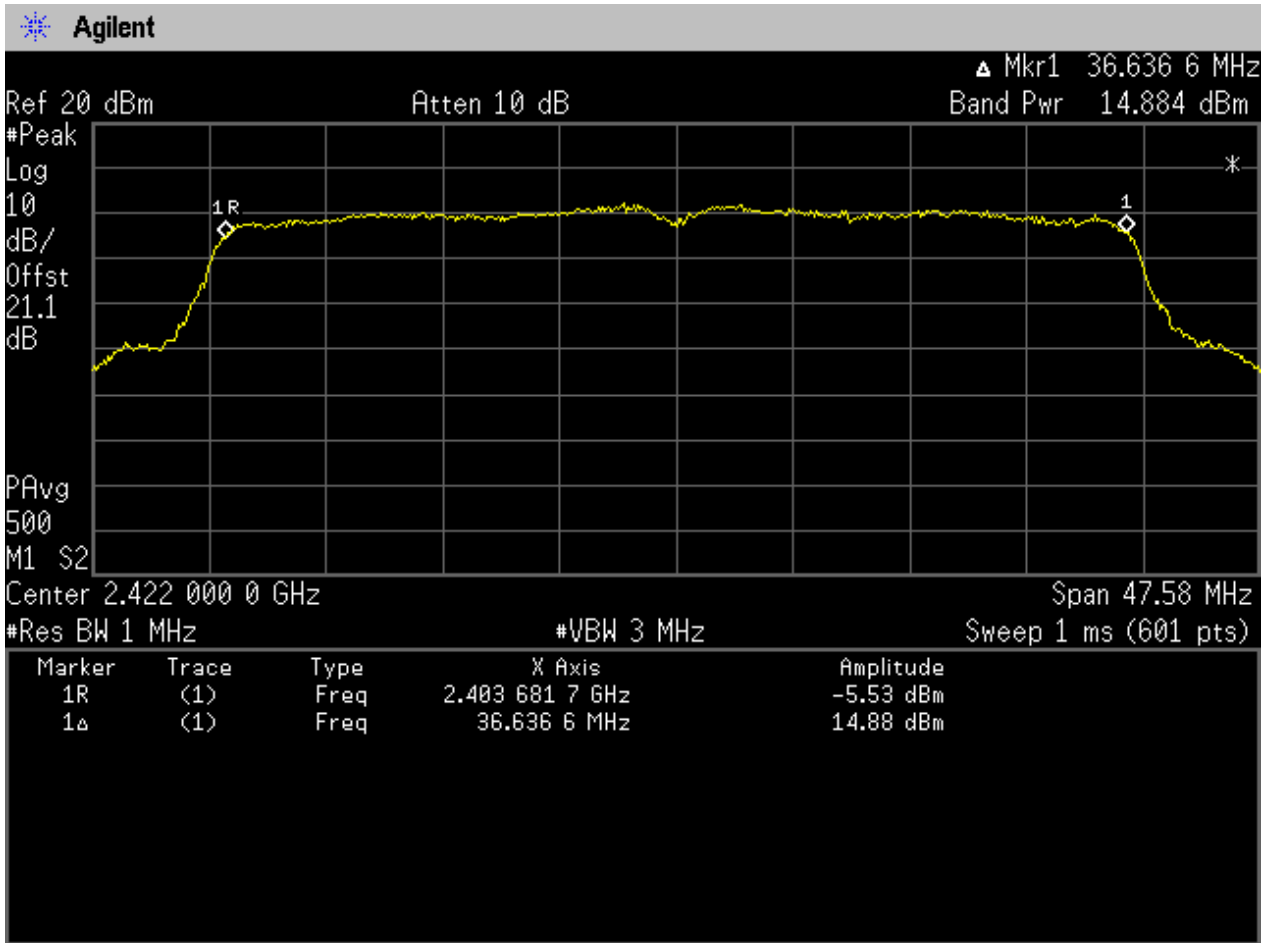


2.2811N40m/8_B@1+2

2.28.1 Ant 1

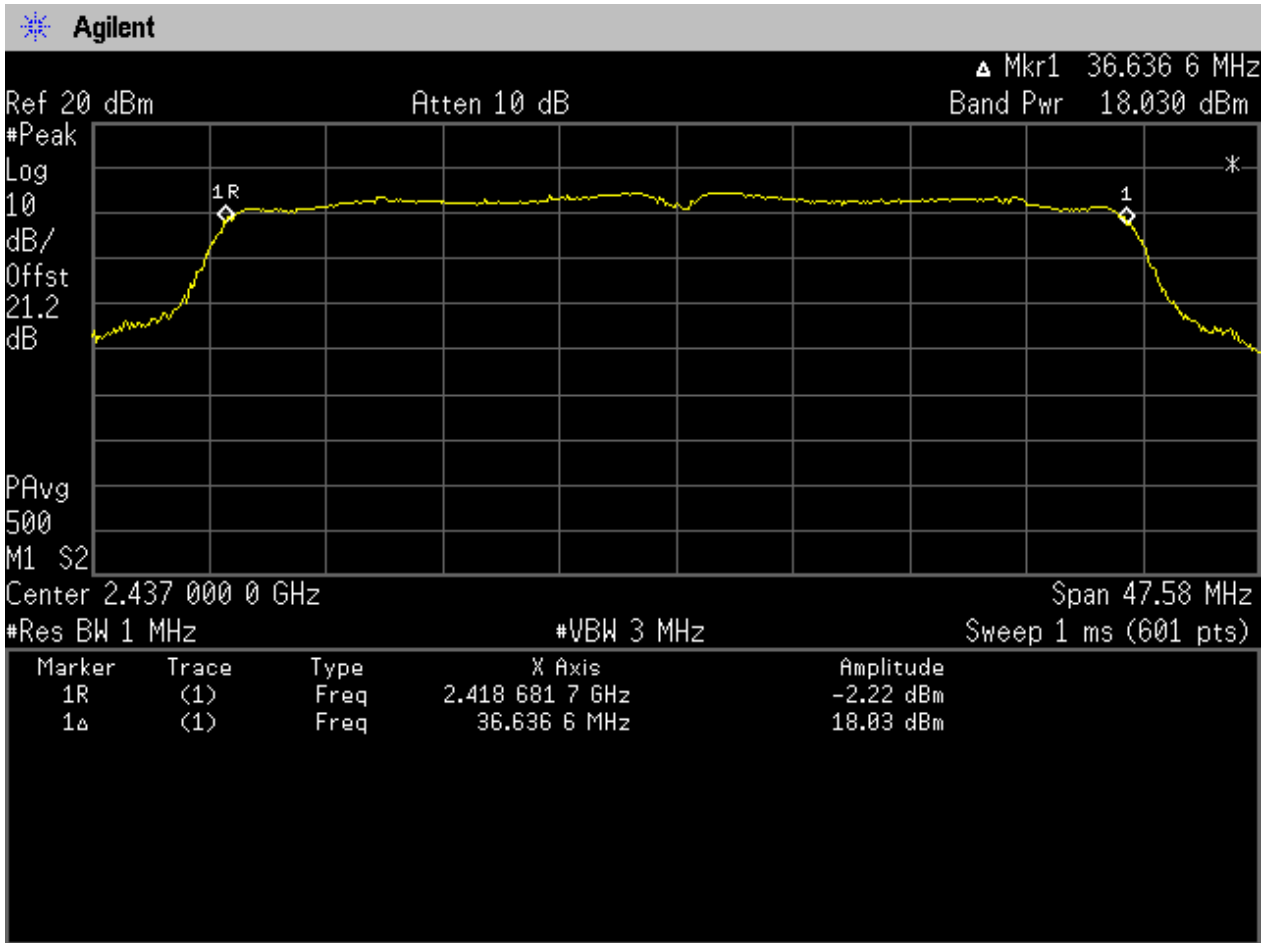


2.28.2 Ant 2

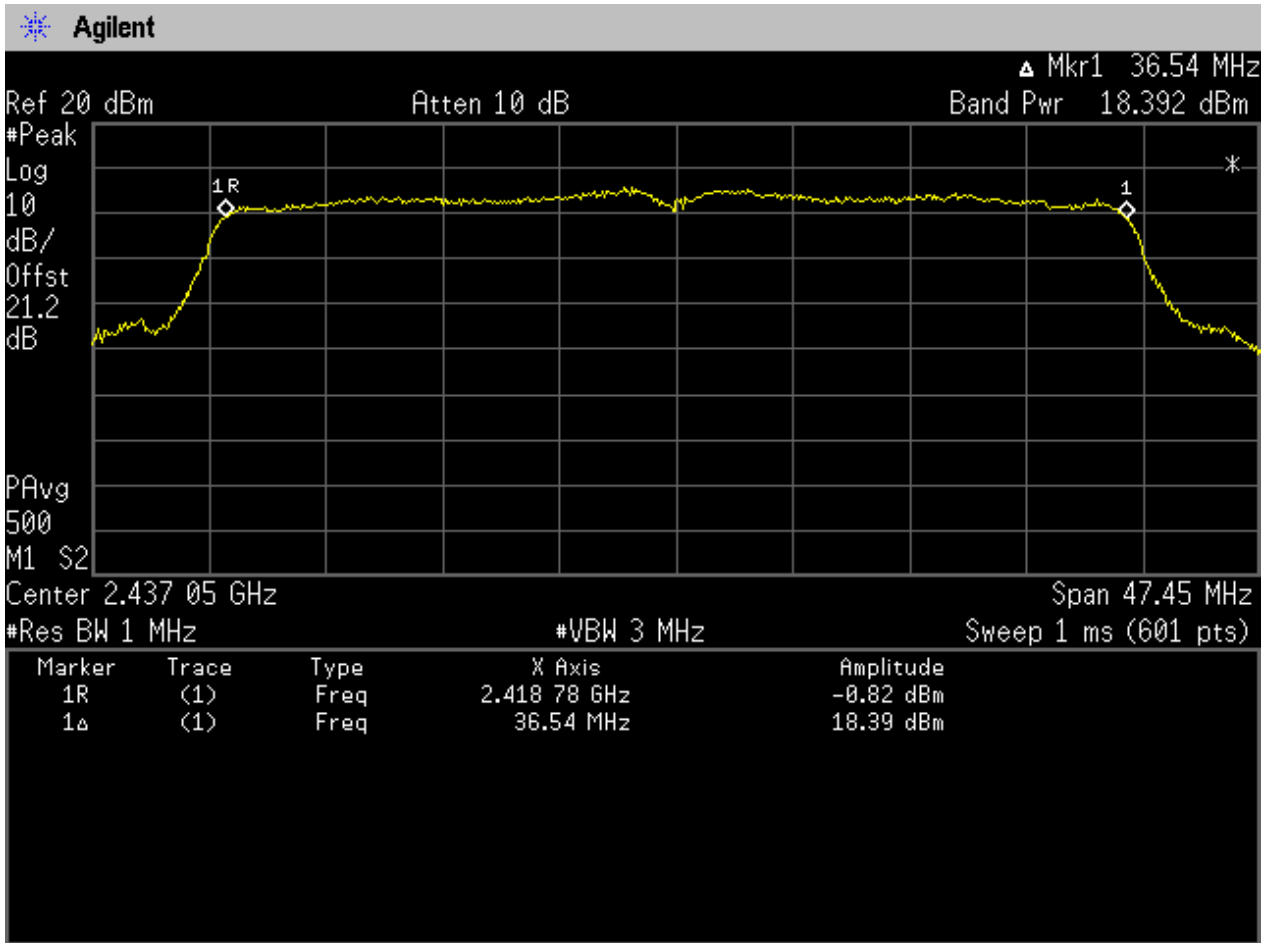


2.2911N40m/8_M@1+2

2.29.1 Ant 1

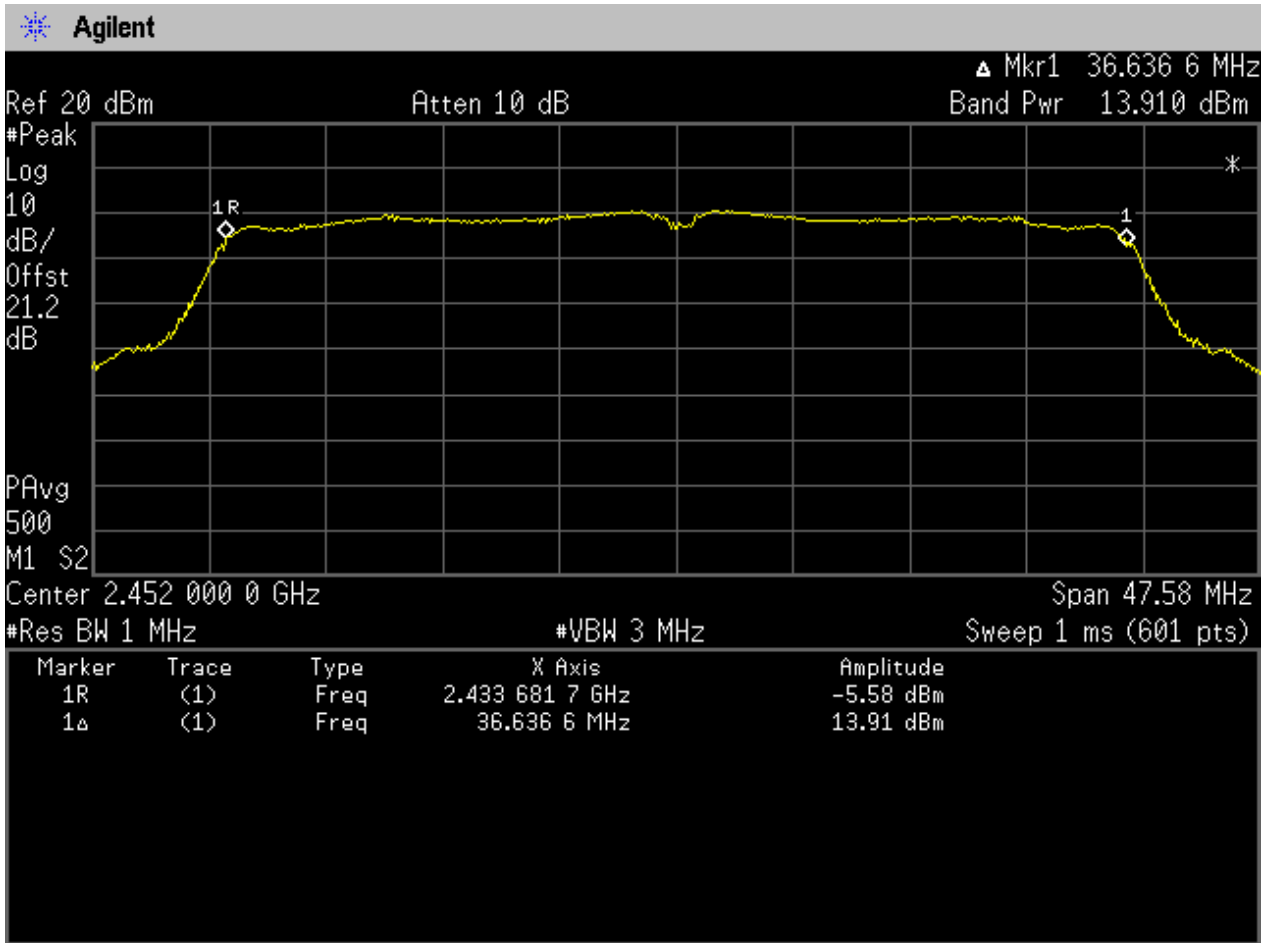


2.29.2 Ant 2

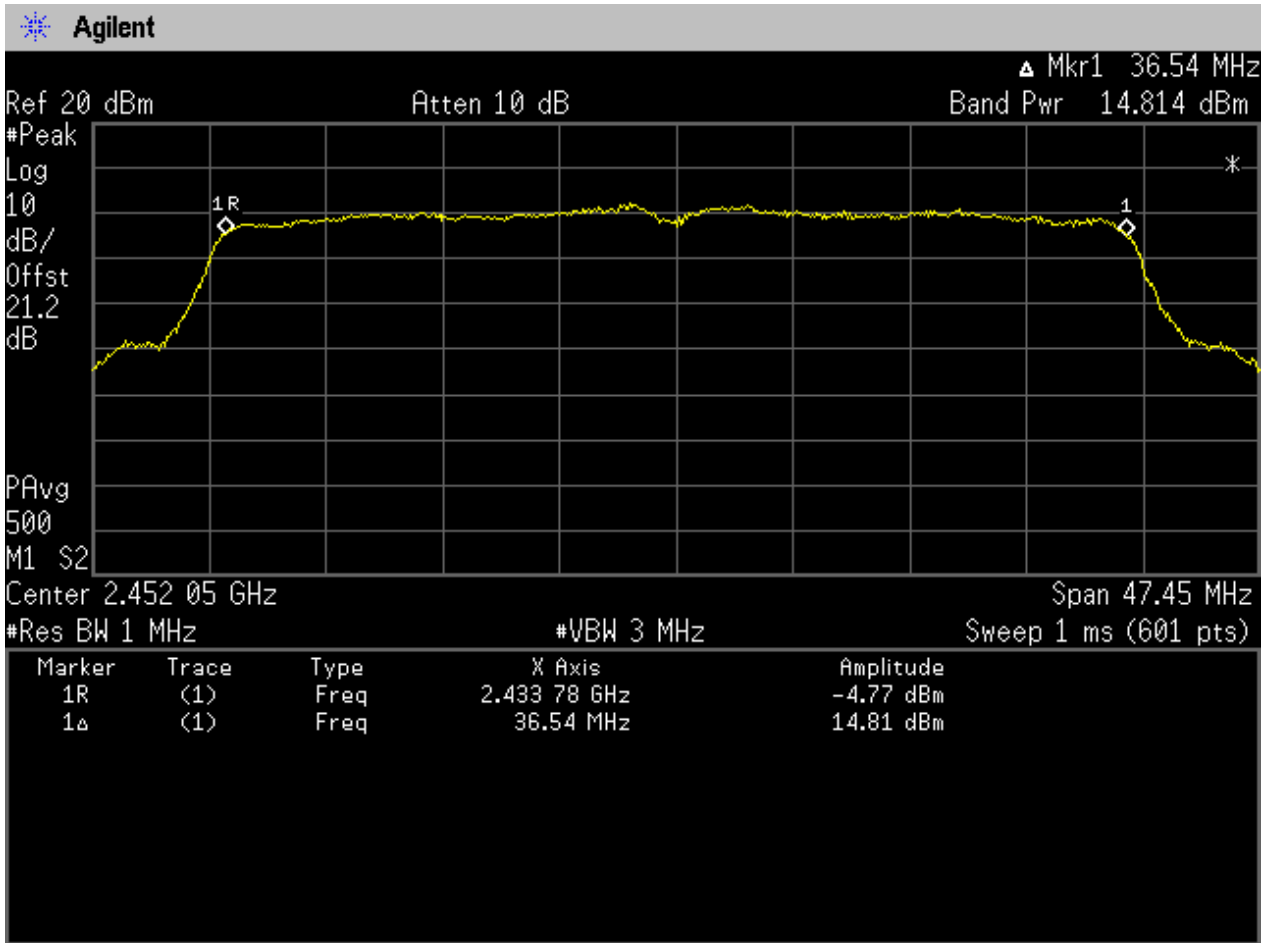


2.3011N40m/8_T@1+2

2.30.1 Ant 1



2.30.2 Ant 2





Appendix C: Maximum Power Spectral Density Level



1 Result Table

NOTE 1: In this Appendix, the PD* refers to the measured “Maximum Power Spectral Density” value with 100 kHz RBW. According to the description of FCC OET KDB 558074, the final result PD should be adjusted based on the PD* with a factor of BWCF = $10 * \lg(3 \text{ kHz}/100 \text{ kHz}) = -15.2 \text{ dB}$ (i.e. $\text{PD} [\text{dBm}/3 \text{ kHz}] = \text{PD}^* [\text{dBm}/100 \text{ kHz}] - 15.2 [\text{dB}]$).

NOTE 2: For measurements on smart antenna systems (devices with multiple transmit chains), the test is performed at each chain, and then combined into the final result PD* or PD which is the calculated linear sum of each result “PD*@Ant i” or “PD@Ant i” with $i = 1$ to N (the N denotes the antenna ports used by smart antenna systems). It should be noted that the method is a worse consideration (for convenience, the linear sum frequency by frequency for each antenna port is not used), because each “PD*@Ant i” or “PD@Ant i” value maybe correspond to different frequency occurrence.

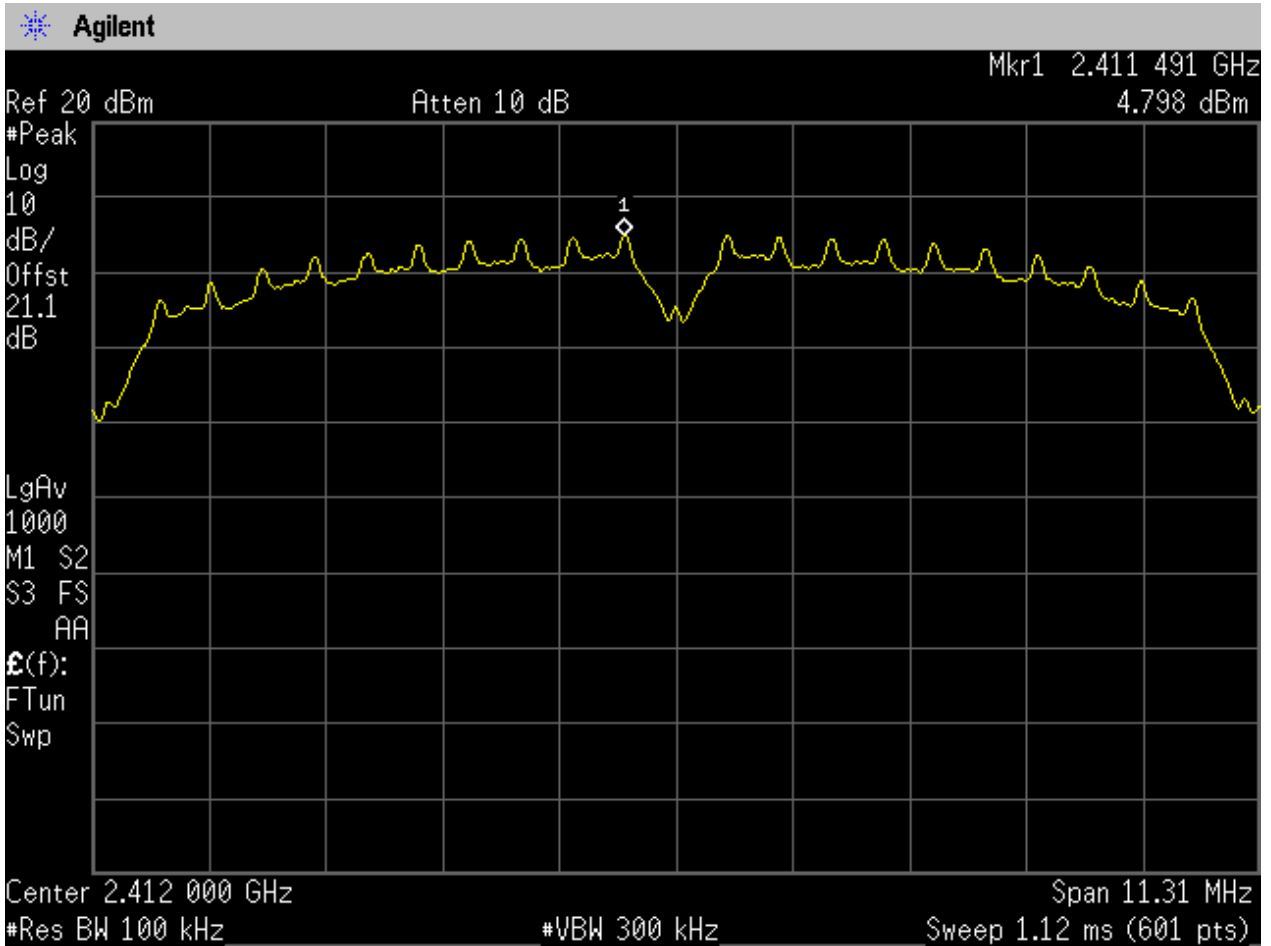
EUT Conf.	PD*@Ant 1 [dBm/100 kHz]	PD*@Ant 2 [dBm/100 kHz]	PD [dBm/3kHz]	Verdict
11B/1_B@1	4.8	---	-10.4	Pass
11B/1_B@2	---	4.5	-10.7	Pass
11B/1_M@1	5.09	---	-10.11	Pass
11B/1_M@2	---	4.66	-10.54	Pass
11B/1_T@1	4.74	---	-10.46	Pass
11B/1_T@2	---	4.36	-10.84	Pass
11G/6_B@1	0.44	---	-14.76	Pass
11G/6_B@2	---	-0.09	-15.29	Pass
11G/6_M@1	3.39	---	-11.81	Pass
11G/6_M@2	---	2.63	-12.57	Pass
11G/6_T@1	0.3	---	-14.9	Pass
11G/6_T@2	---	0.22	-14.98	Pass
11N20/0_B@1	-0.66	---	-15.86	Pass
11N20/0_B@2	---	0.08	-15.12	Pass
11N20/0_M@1	3.28	---	-11.92	Pass
11N20/0_M@2	---	2.96	-12.24	Pass
11N20/0_T@1	0.08	---	-15.12	Pass
11N20/0_T@2	---	-0.57	-15.77	Pass
11N40/0_B@1	-5.85	---	-21.05	Pass
11N40/0_B@2	---	-6.25	-21.45	Pass
11N40/0_M@1	-1.29	---	-16.49	Pass
11N40/0_M@2	---	-1.65	-16.85	Pass
11N40/0_T@1	-6.09	---	-21.29	Pass
11N40/0_T@2	---	-5.36	-20.56	Pass
11N20m/8_B@1+2	-2.52	-3.15	-15.01	Pass
11N20m/8_M@1+2	3.64	3.94	-8.40	Pass



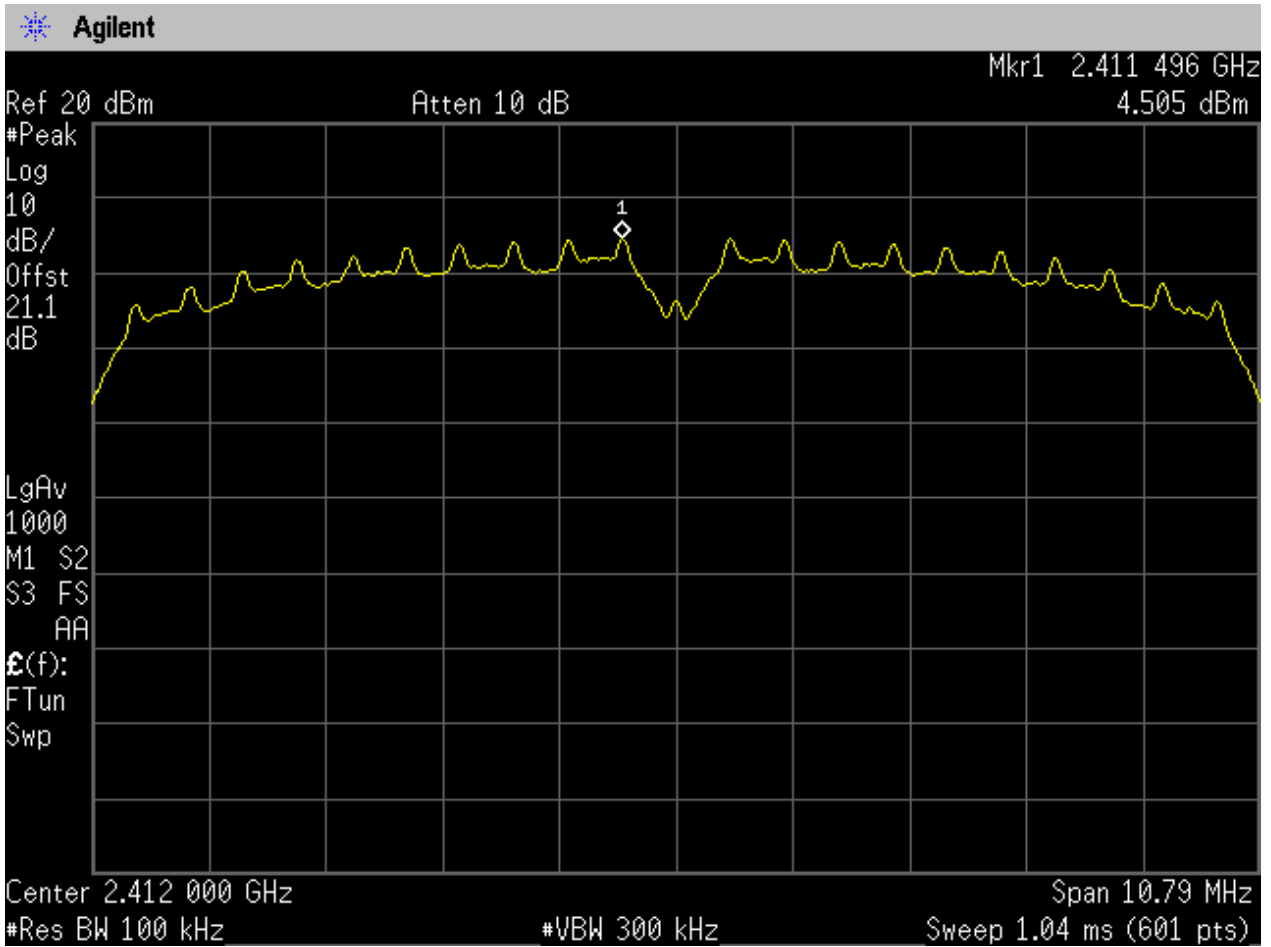
EUT Conf.	PD* @Ant 1 [dBm/100 kHz]	PD* @Ant 2 [dBm/100 kHz]	PD [dBm/3kHz]	Verdict
11N20m/8_T@1+2	-2.02	-2.32	-14.36	Pass
11N40m/8_B@1+2	-6.26	-6.57	-18.60	Pass
11N40m/8_M@1+2	-2.84	-2.92	-15.07	Pass
11N40m/8_T@1+2	-6.94	-6.8	-19.06	Pass

2 Test Plot

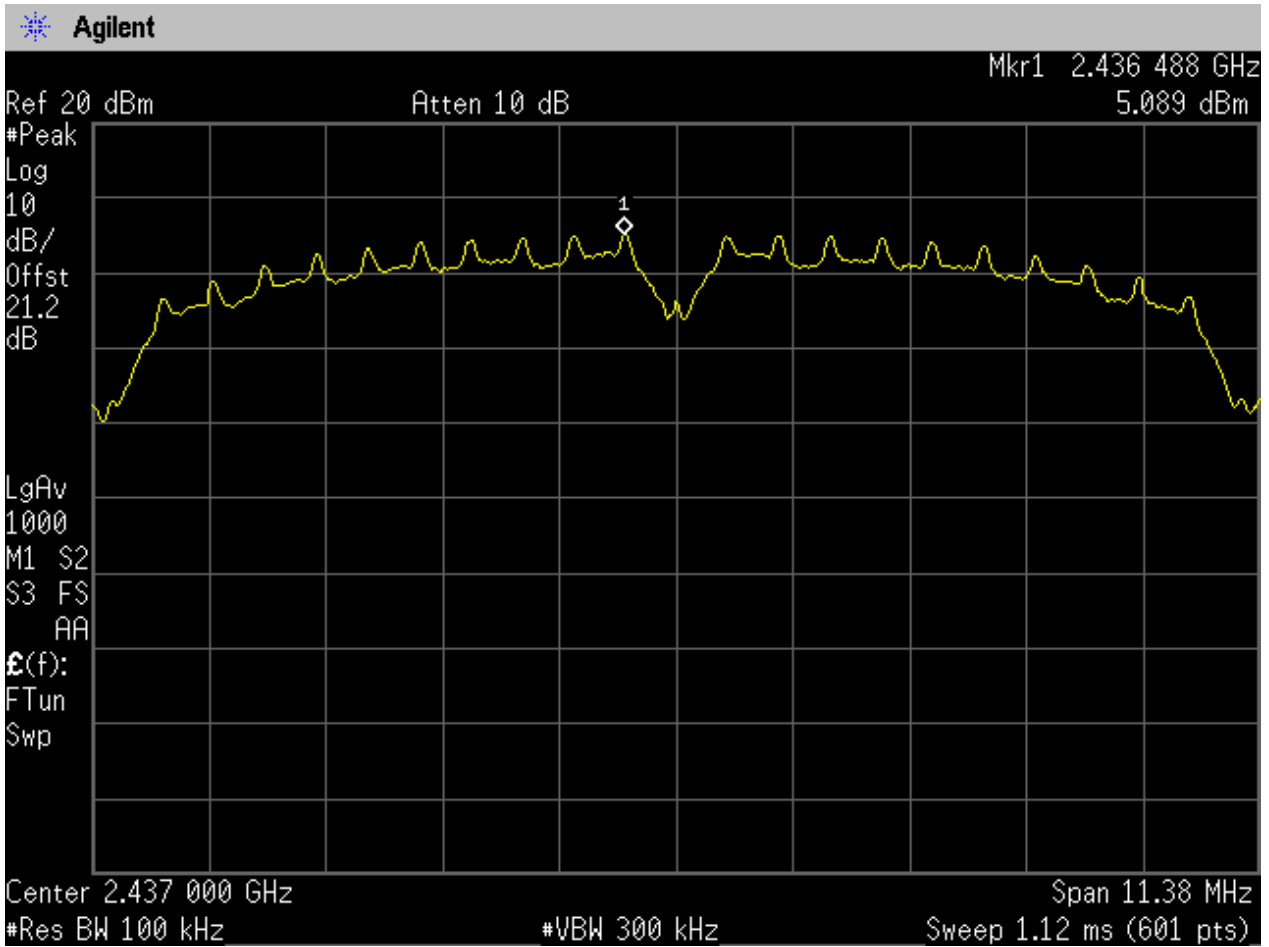
2.1 11B/1_B@1



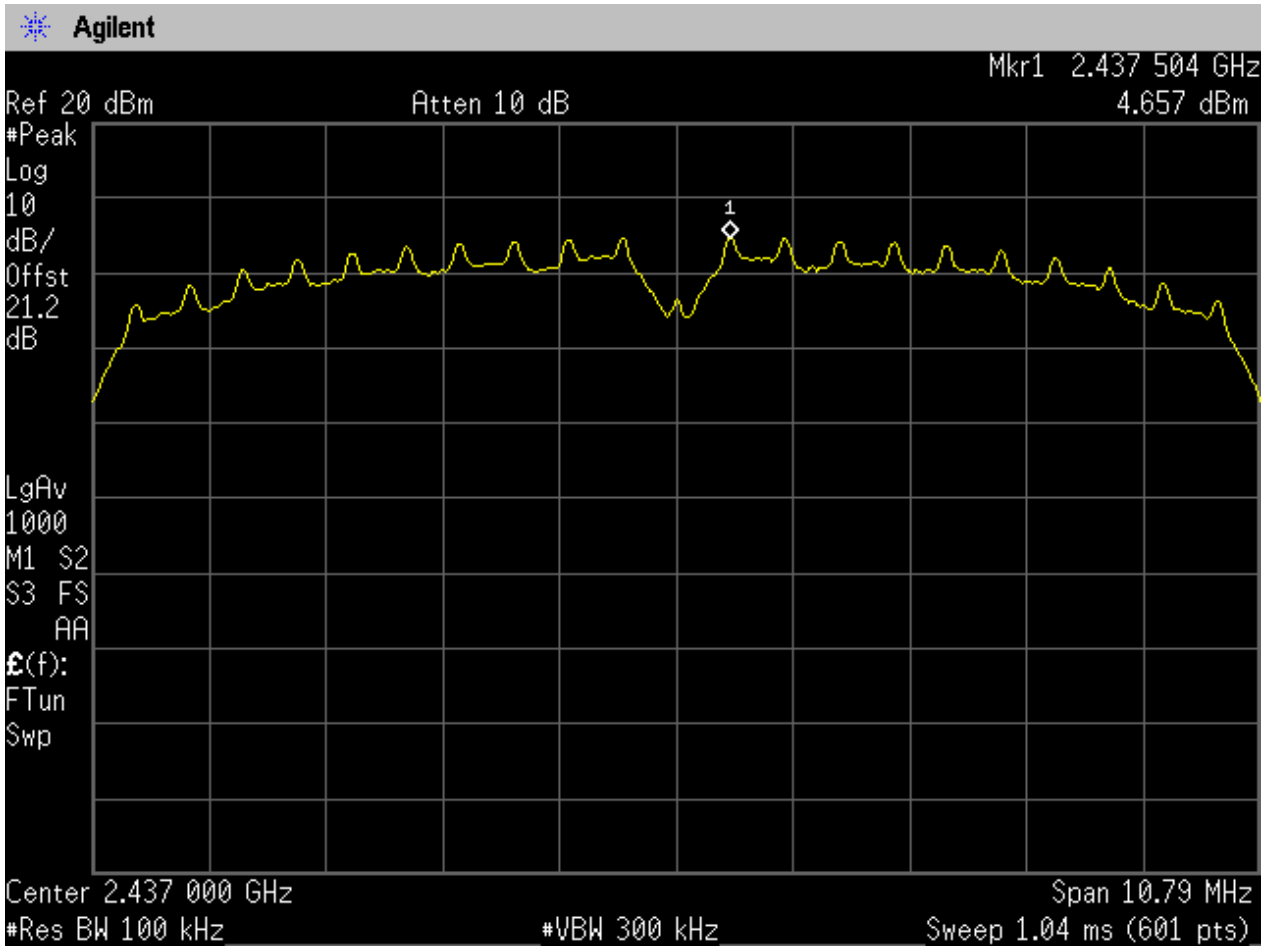
2.2 11B/1_B@2



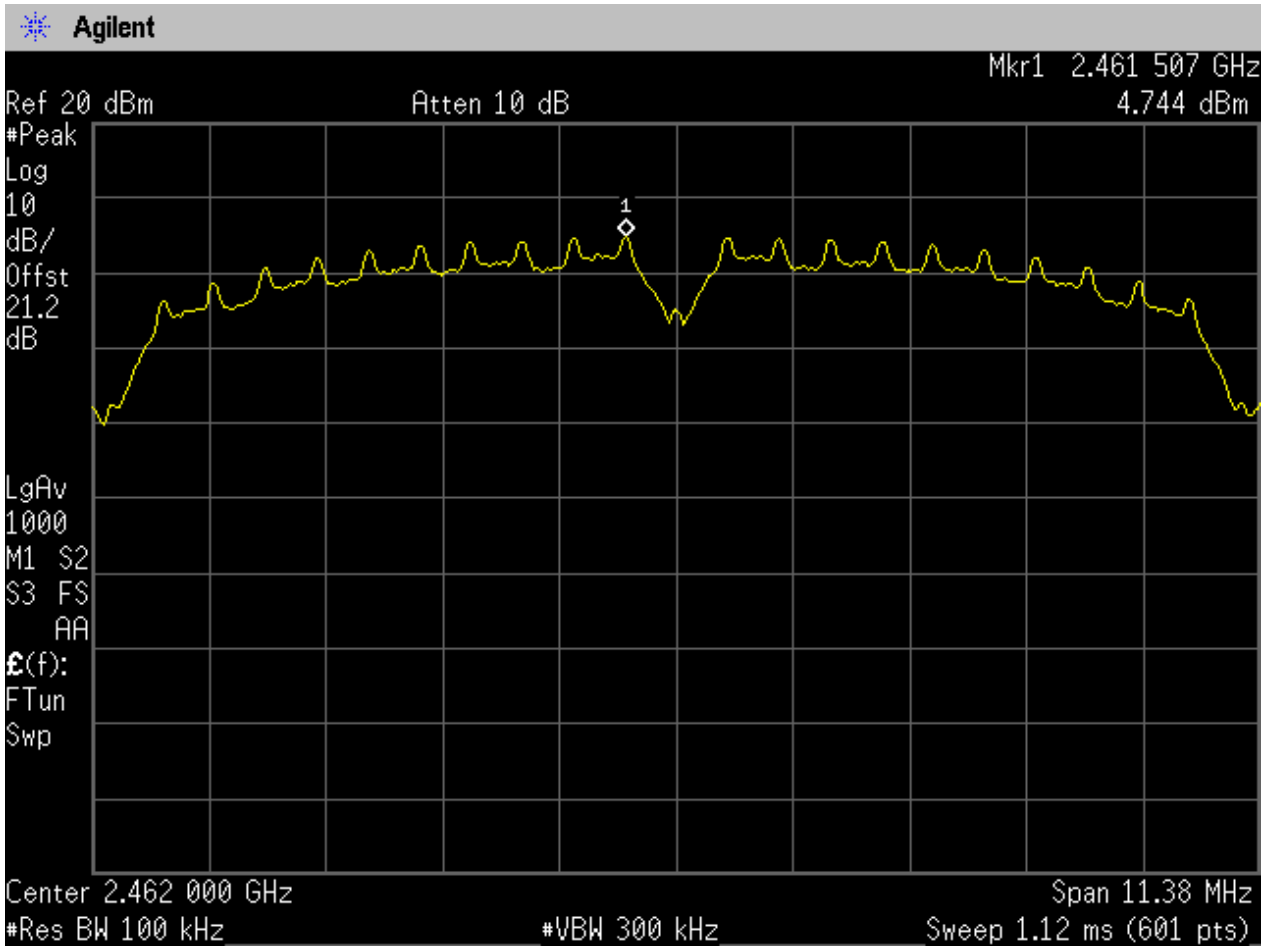
2.3 11B/1_M@1



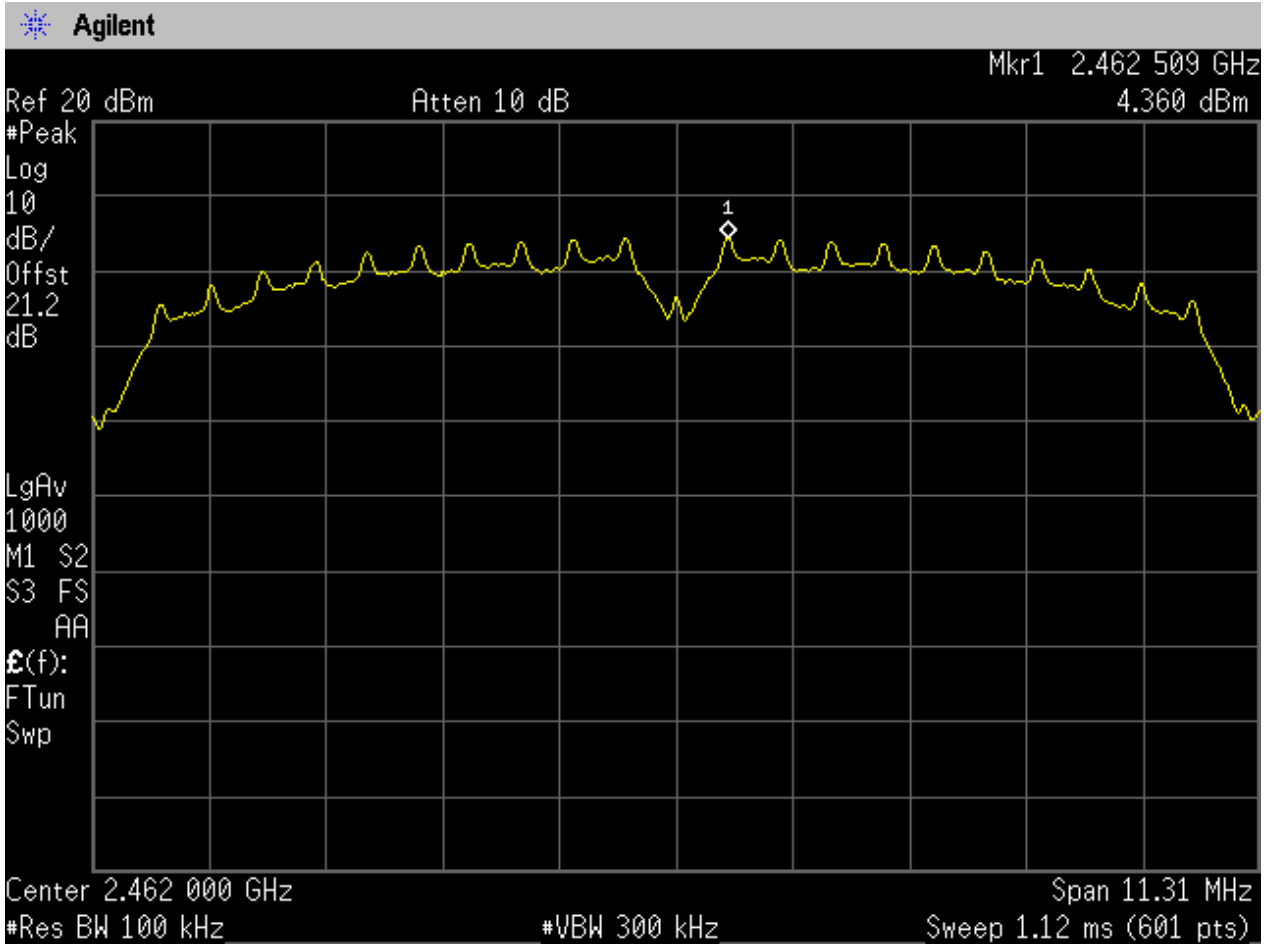
2.4 11B/1_M@2



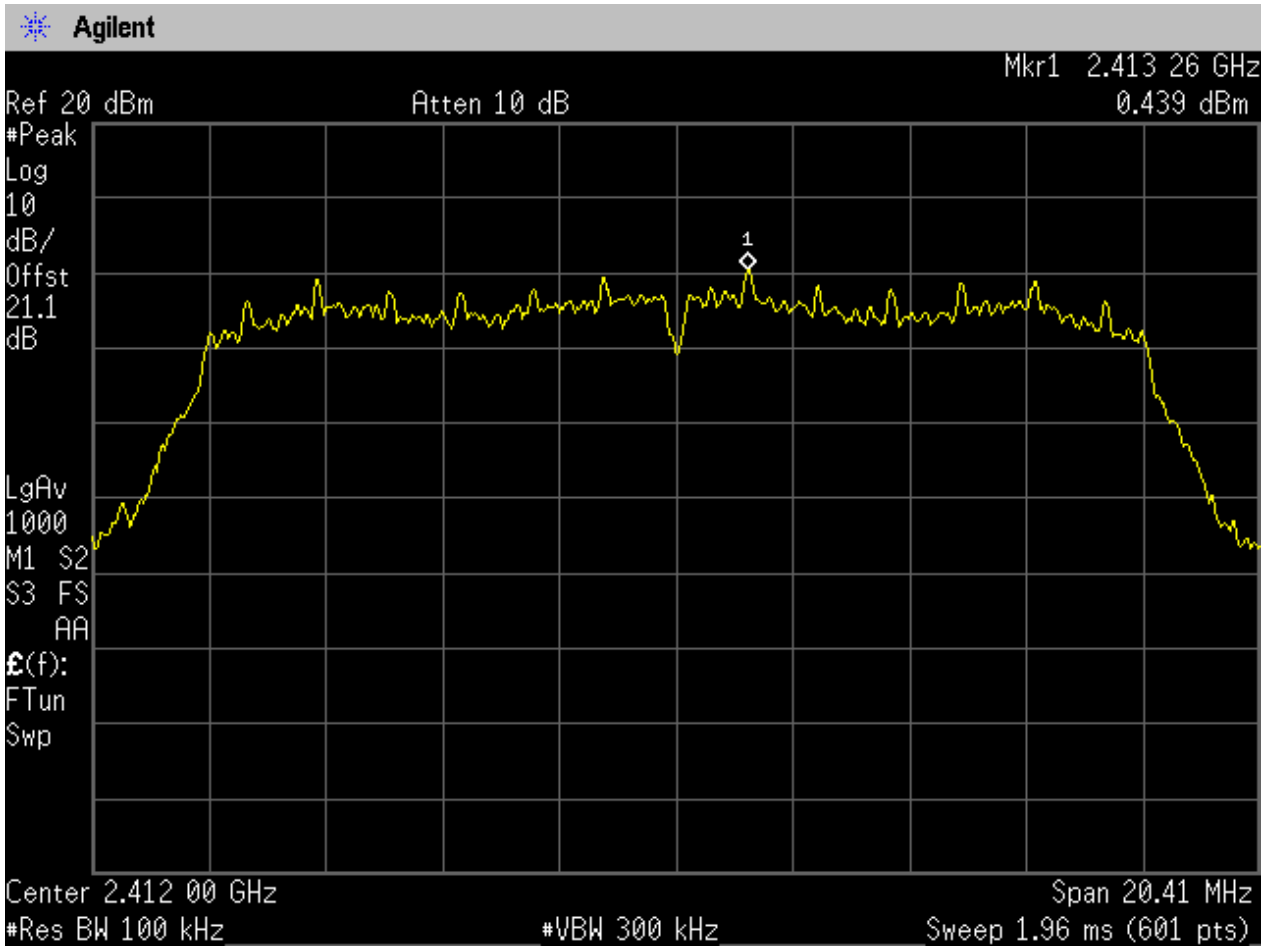
2.5 11B/1_T@1



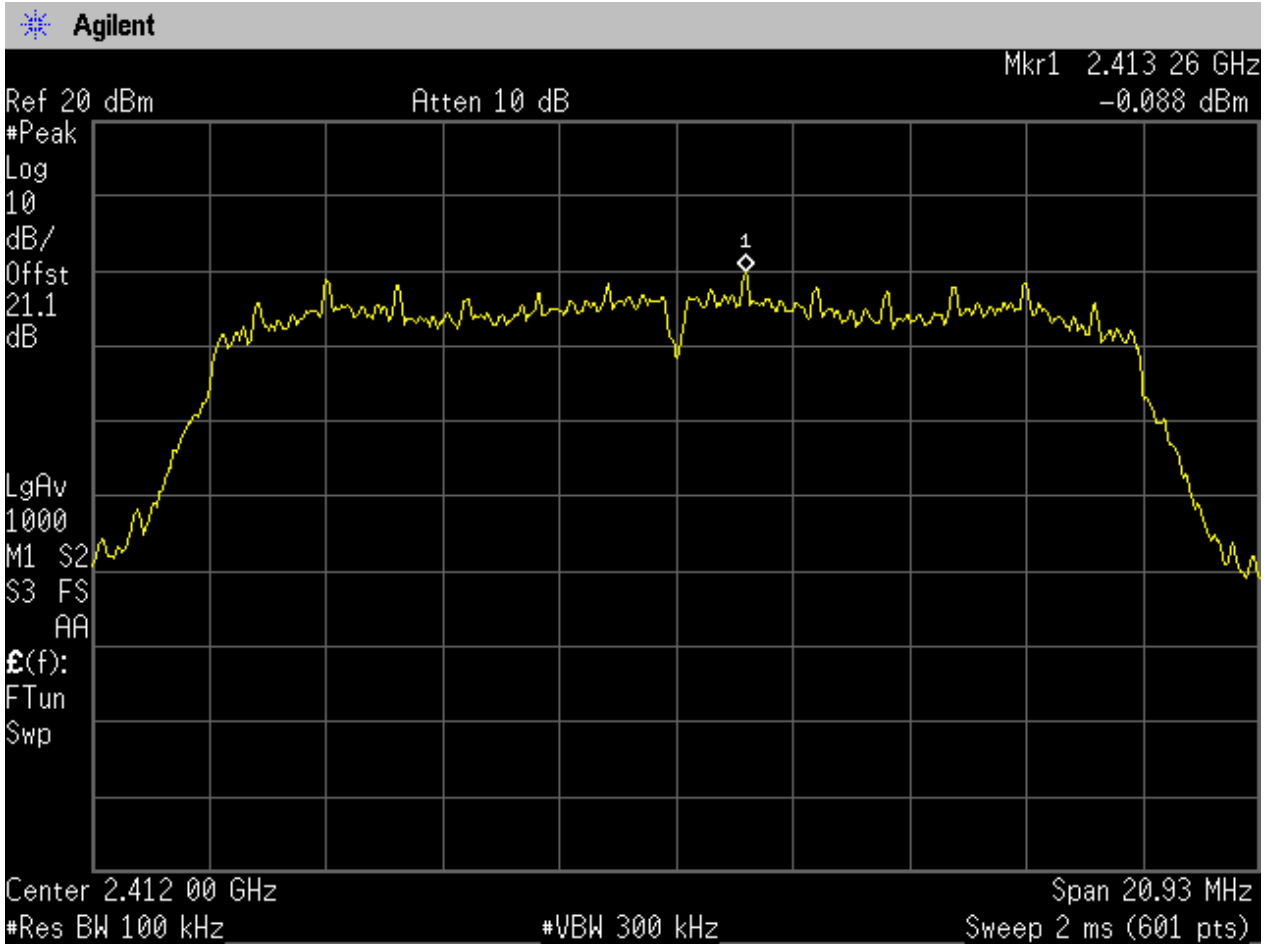
2.6 11B/1_T@2



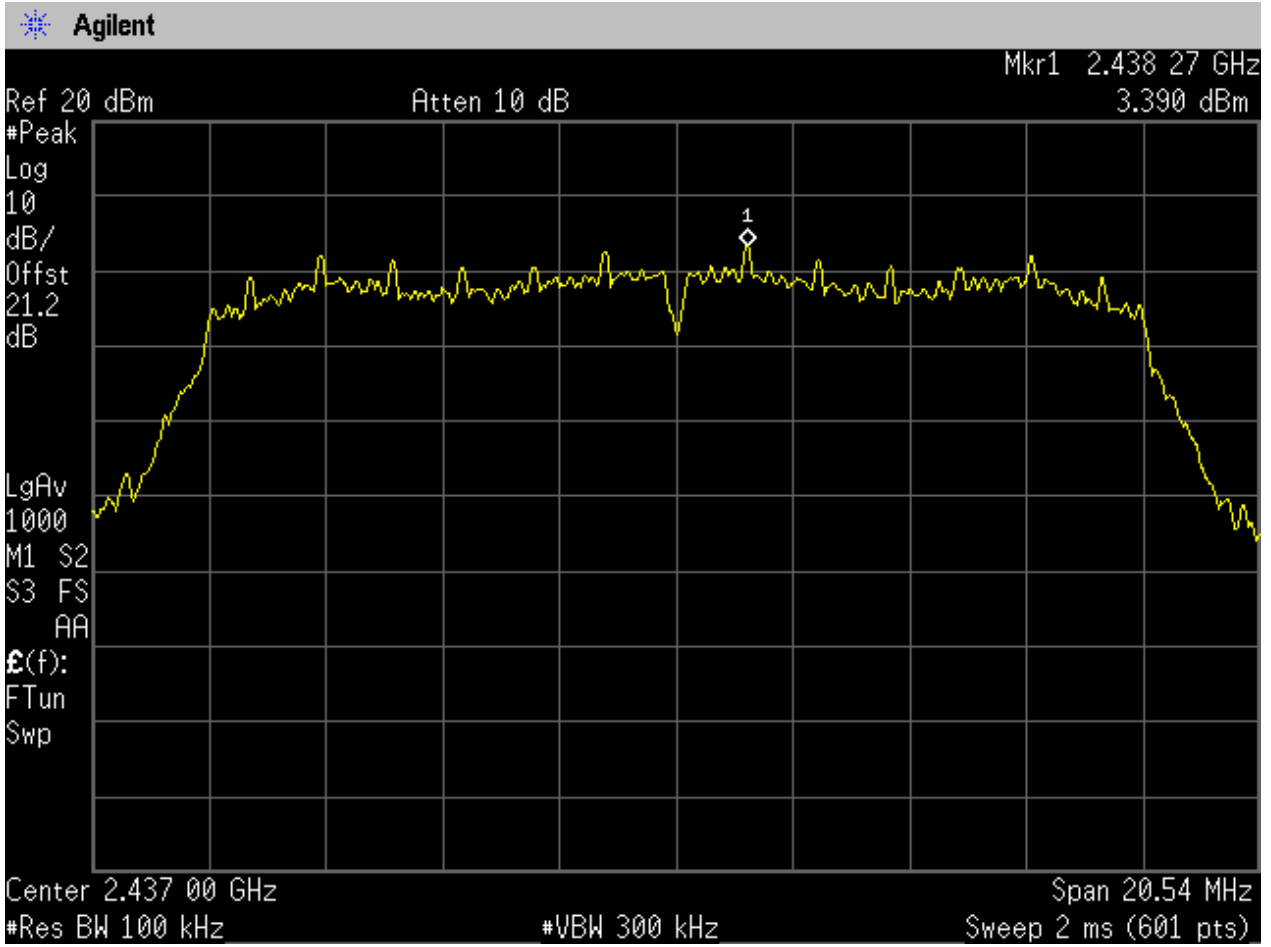
2.7 11G/6_B@1



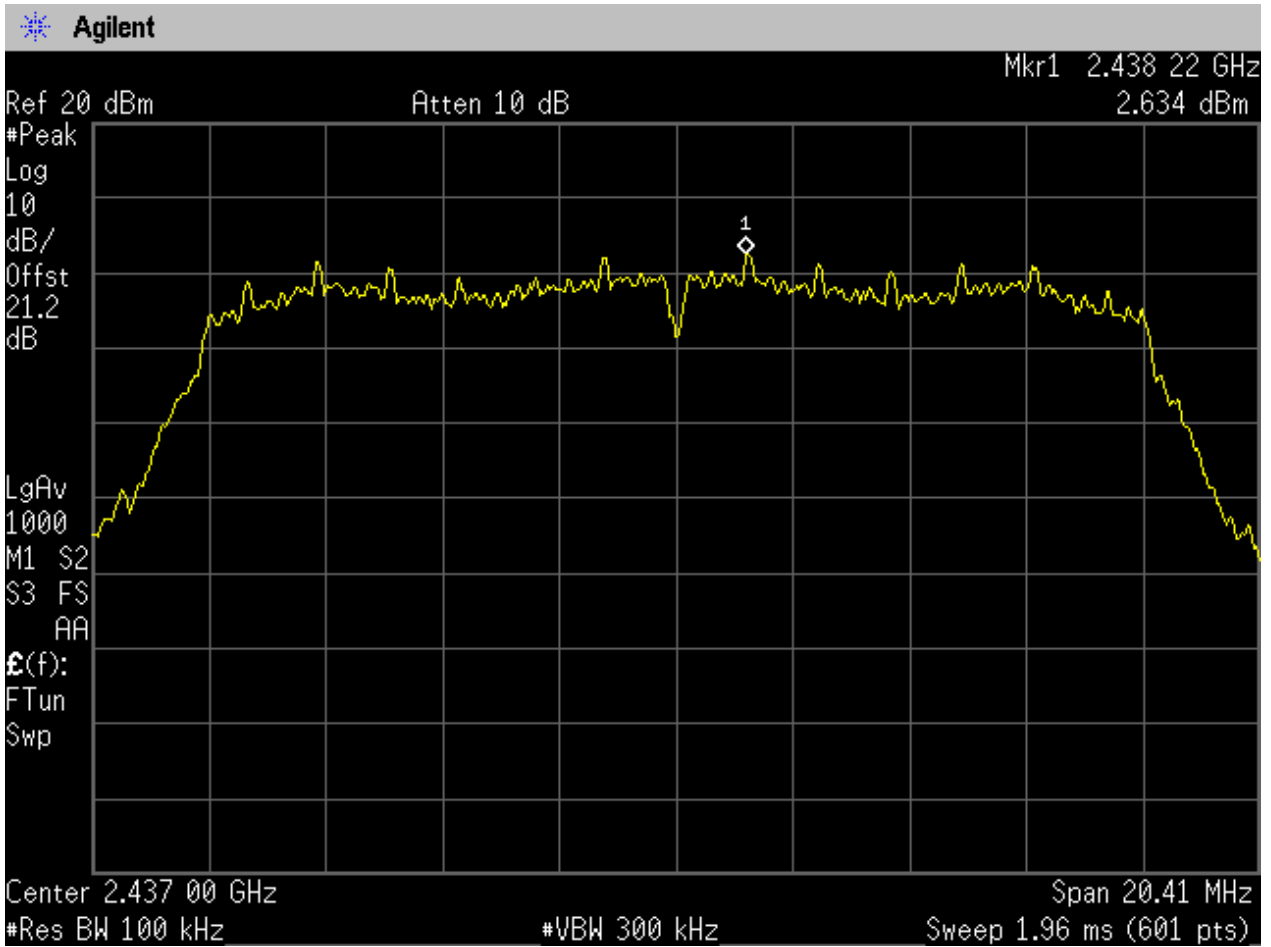
2.8 11G/6_B@2



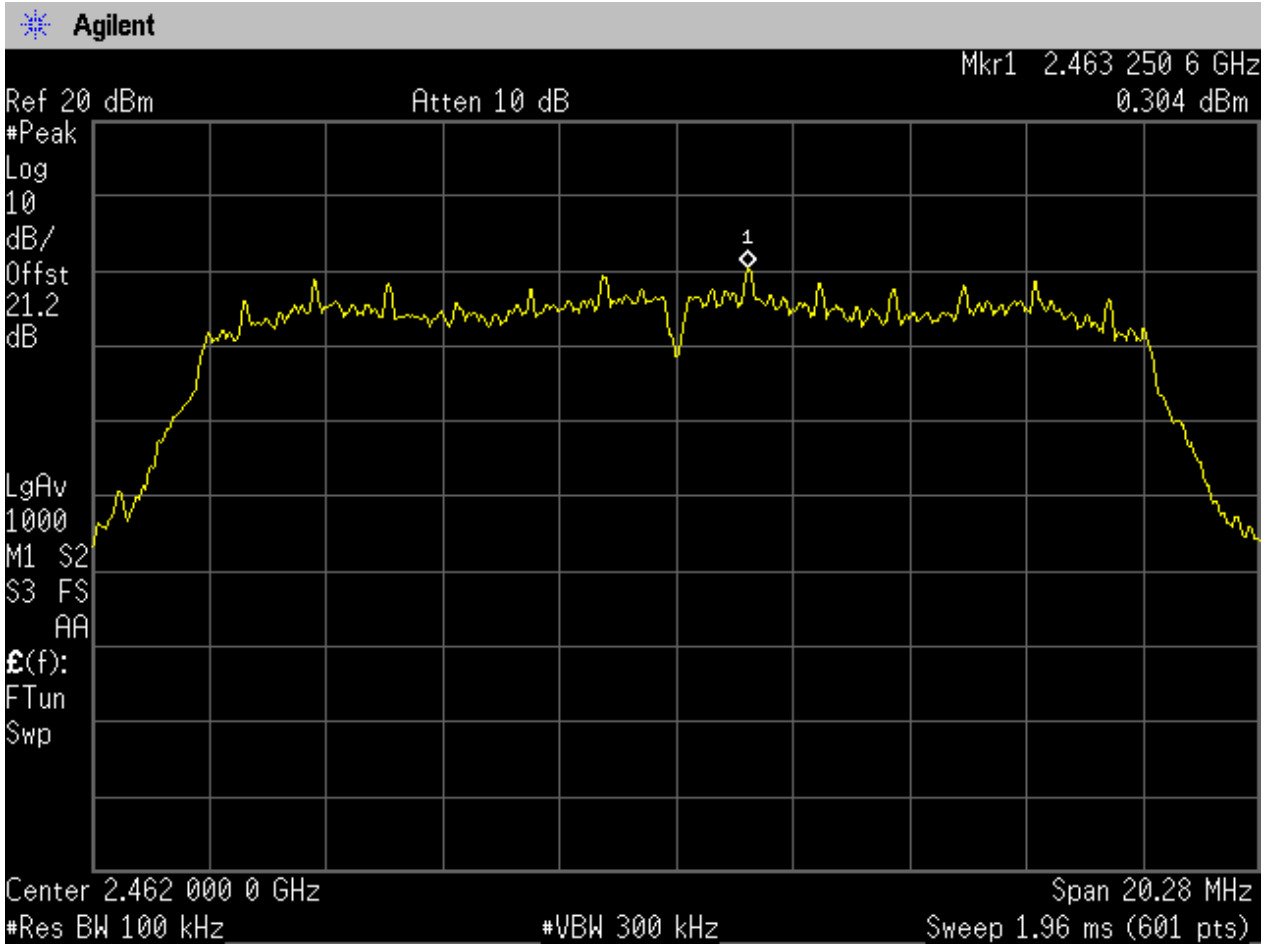
2.9 11G/6_M@1



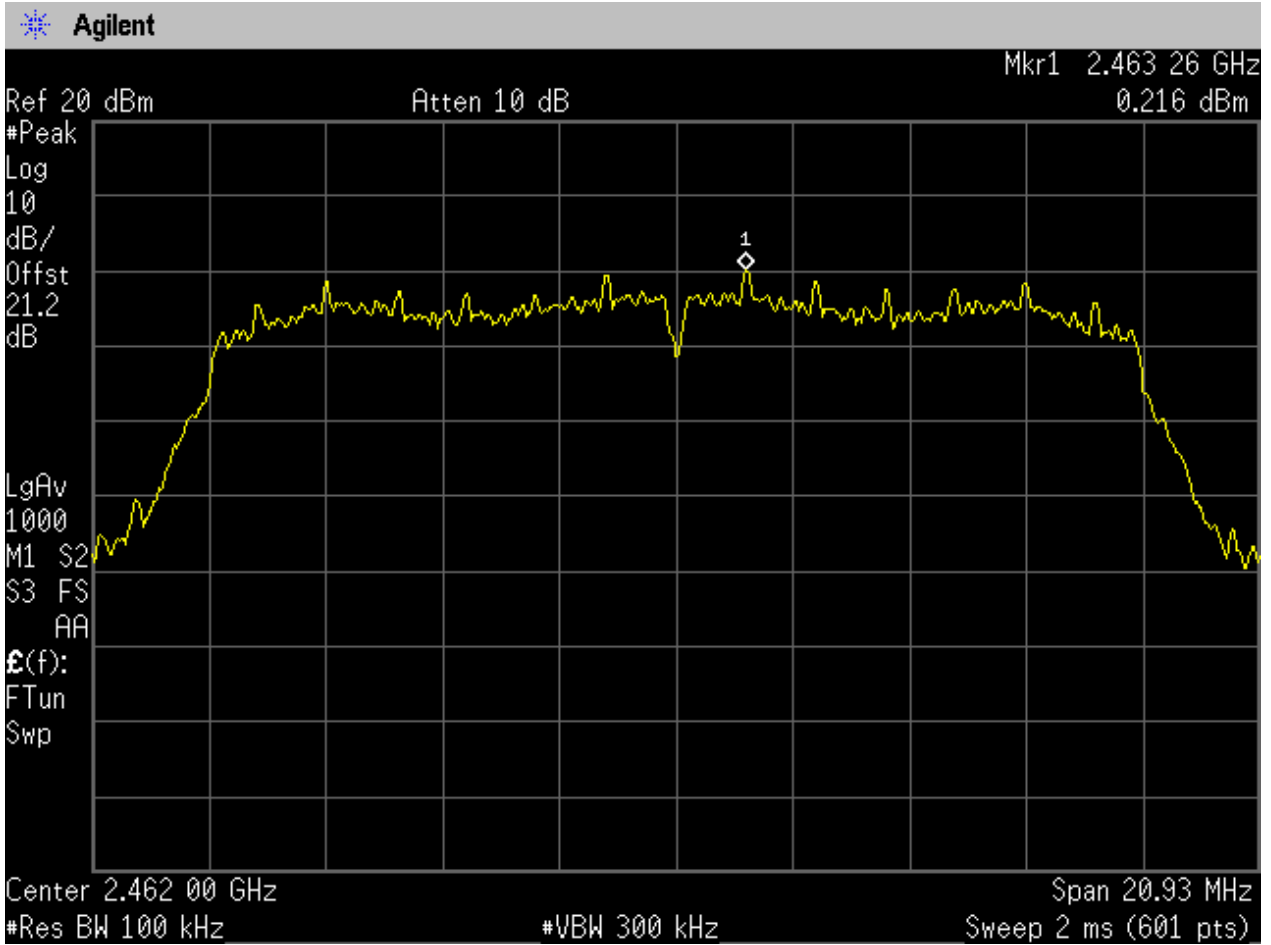
2.1011G/6_M@2



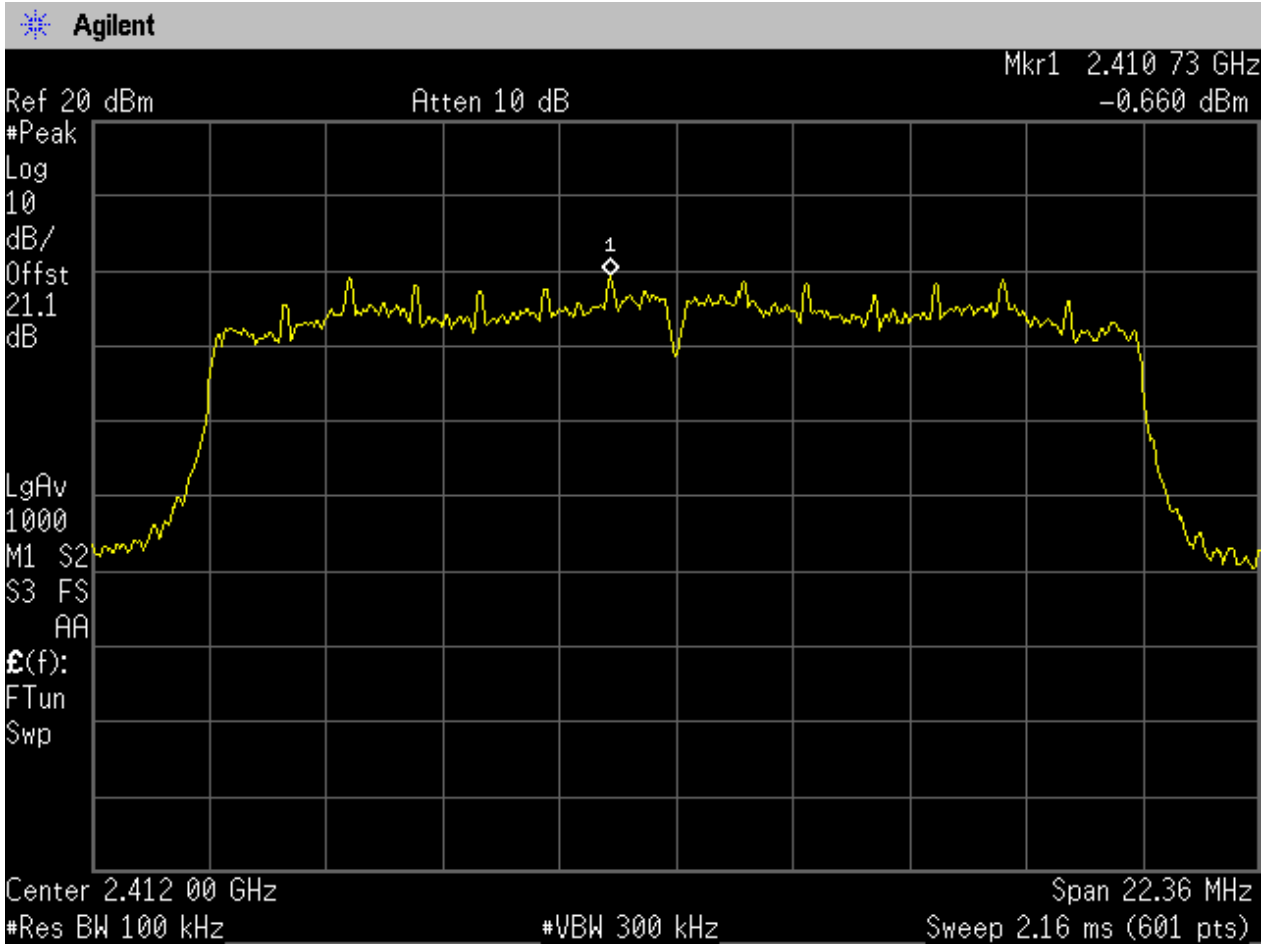
2.1111G/6_T@1



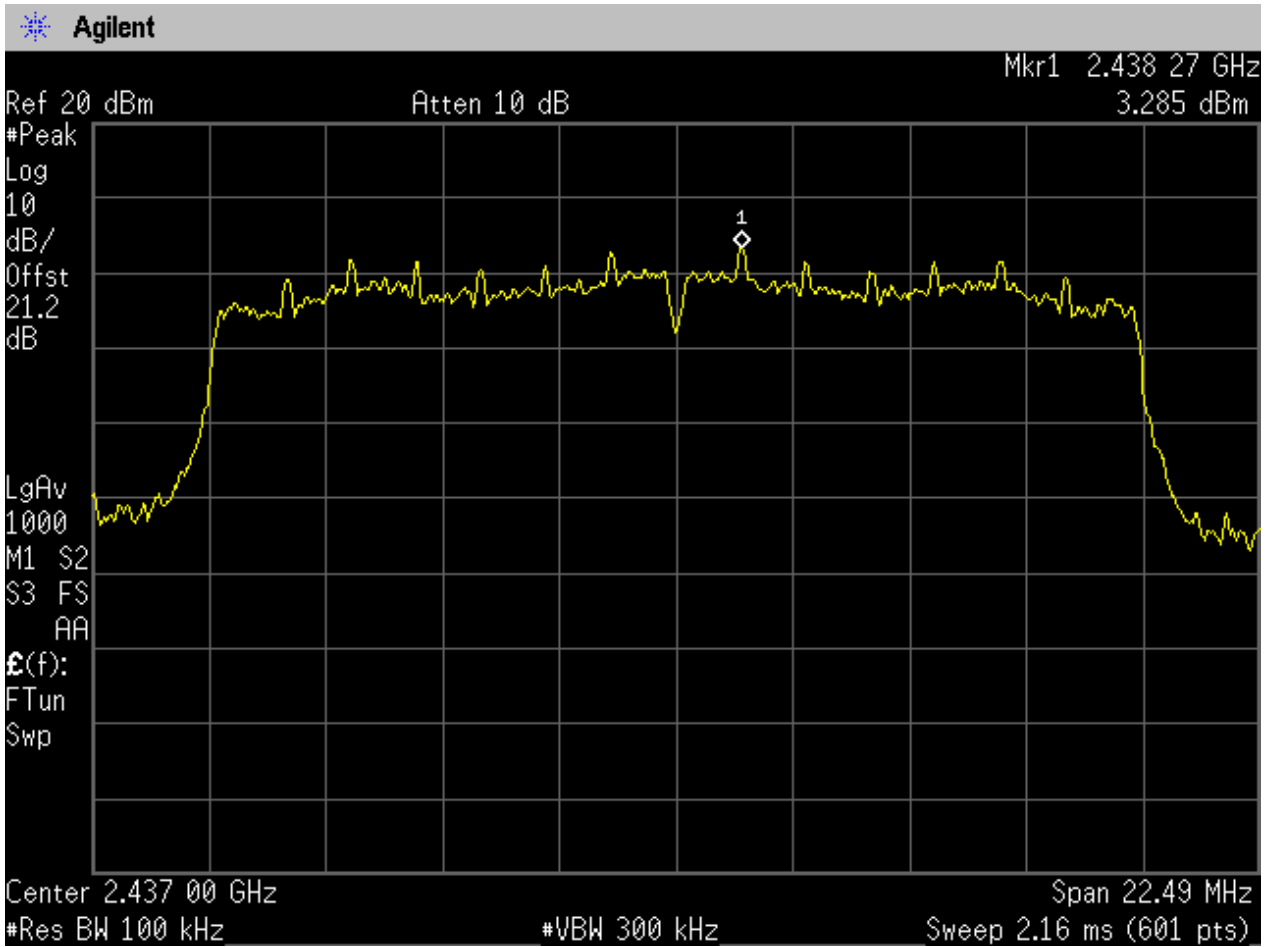
2.1211G/6_T@2



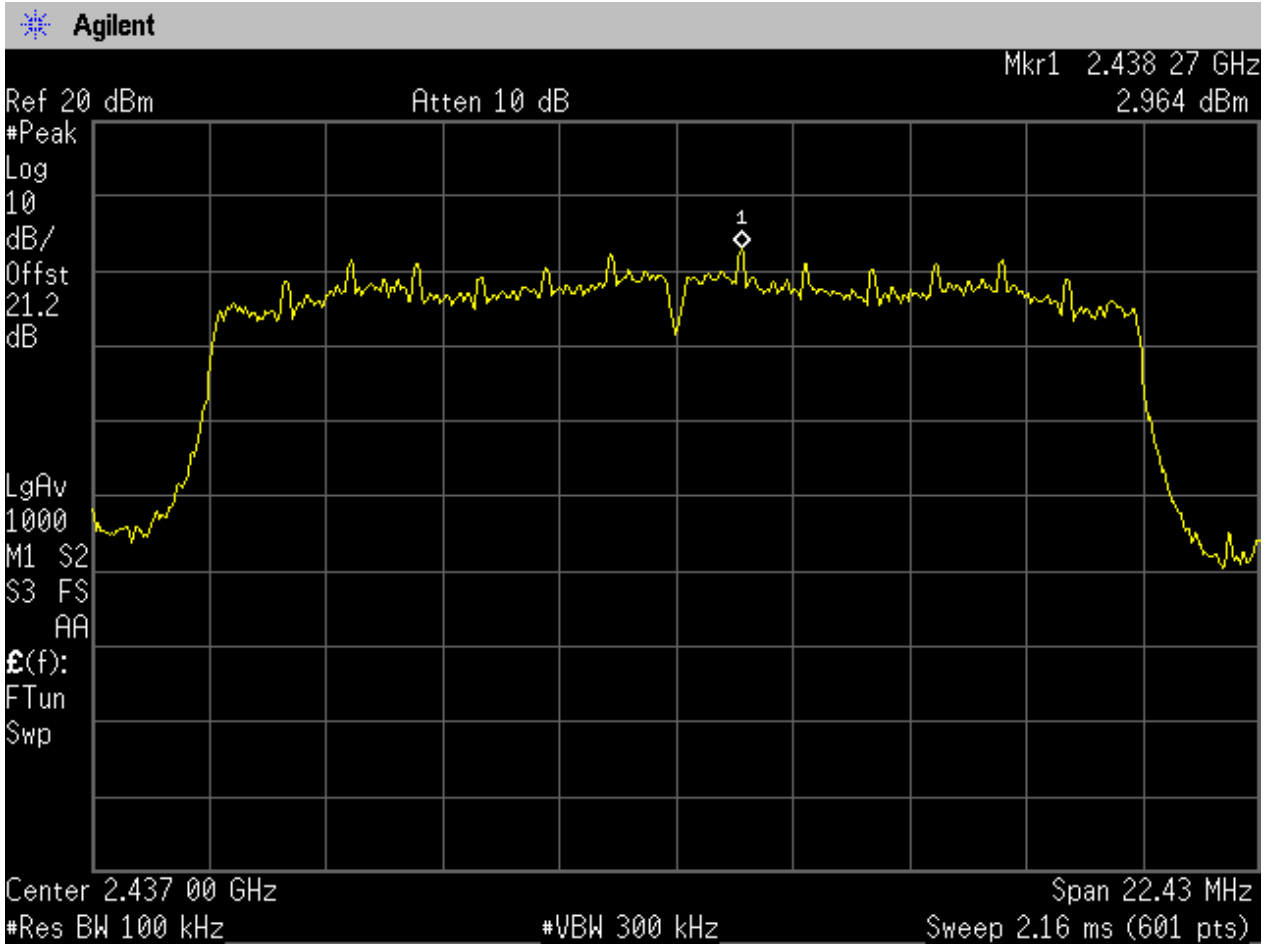
2.1311N20/0_B@1



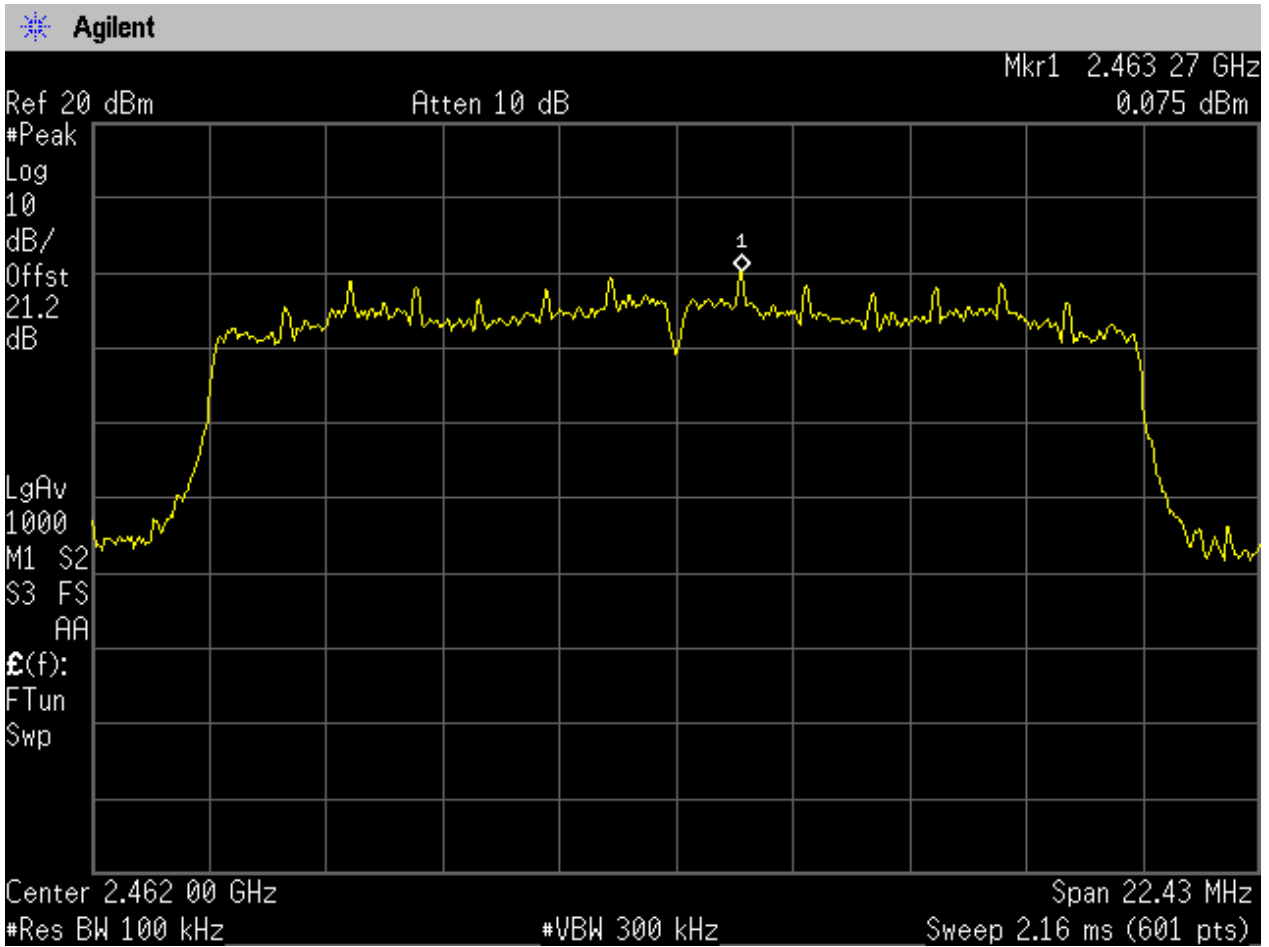
2.1411N20/0_B@2



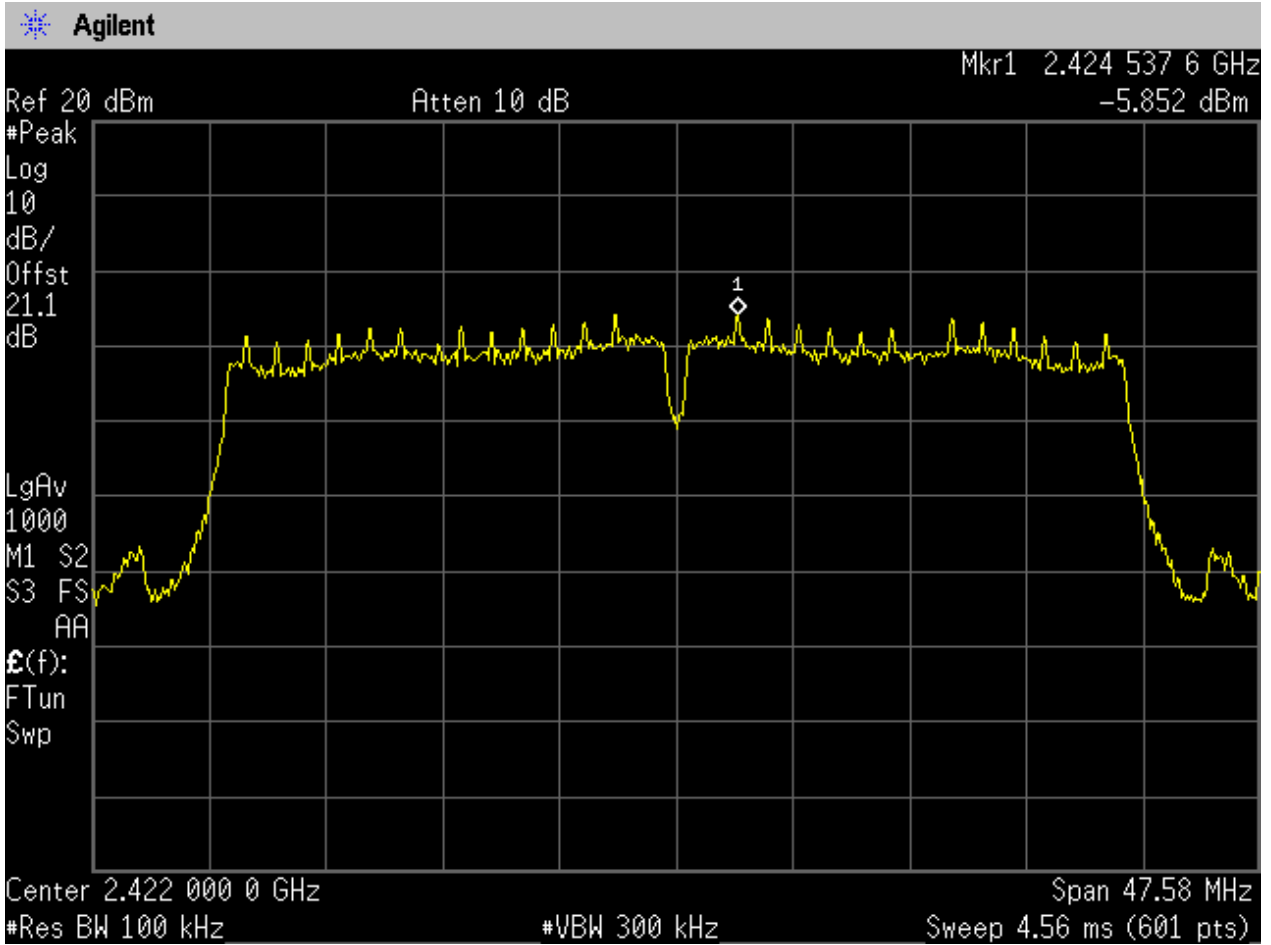
2.1611N20/0_M@2



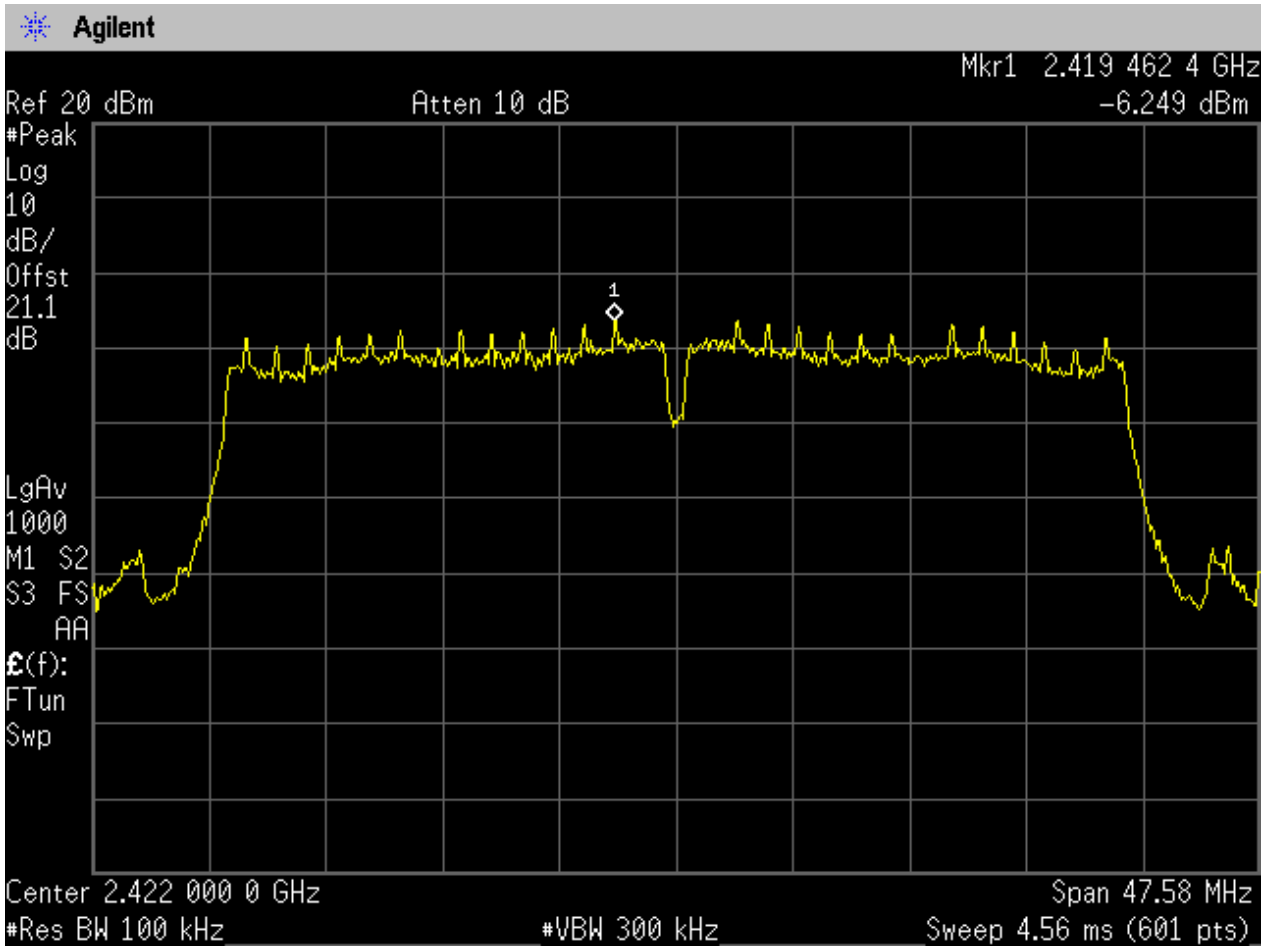
2.1711N20/0_T@1



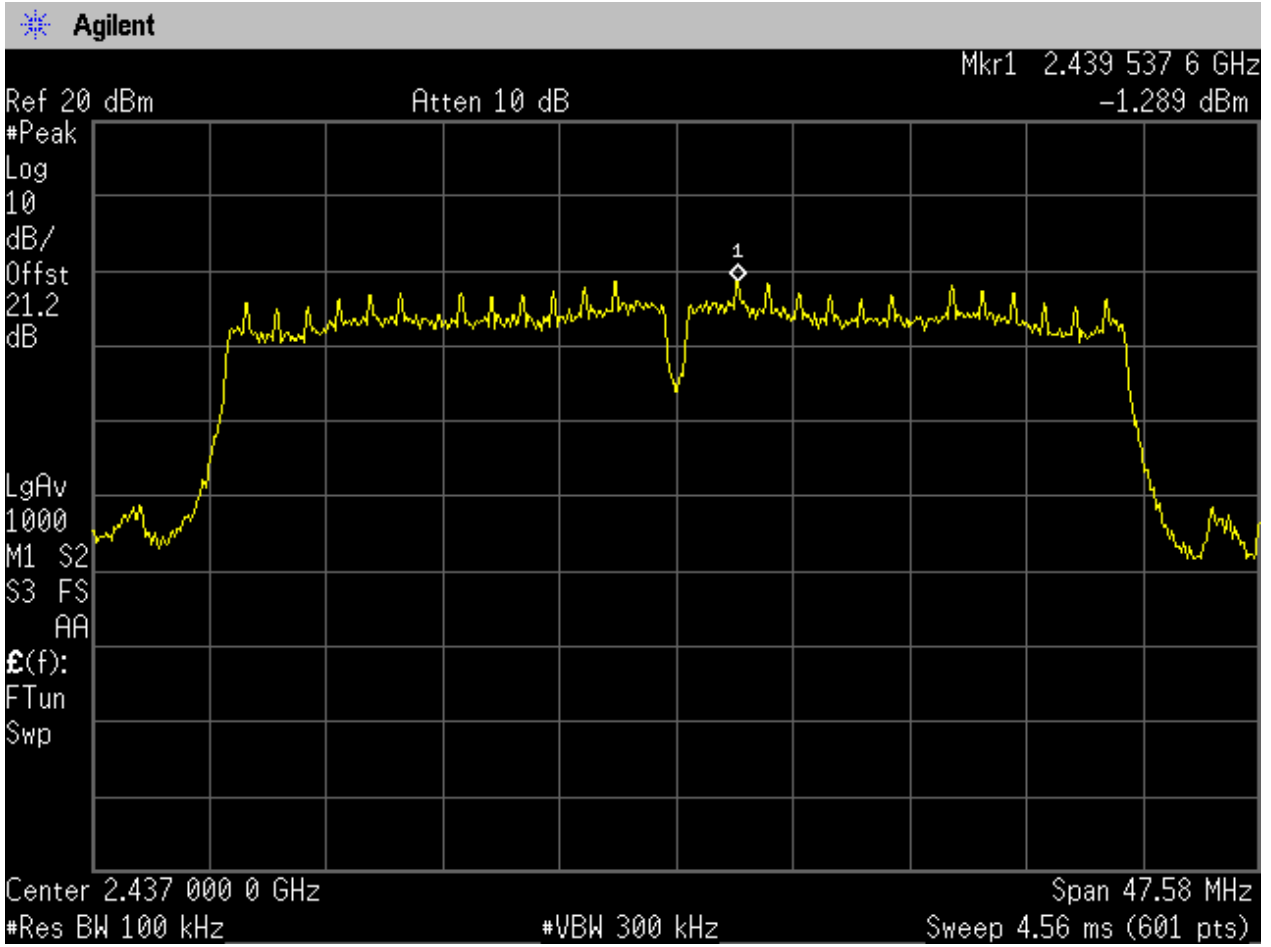
2.1811N20/0_T@2



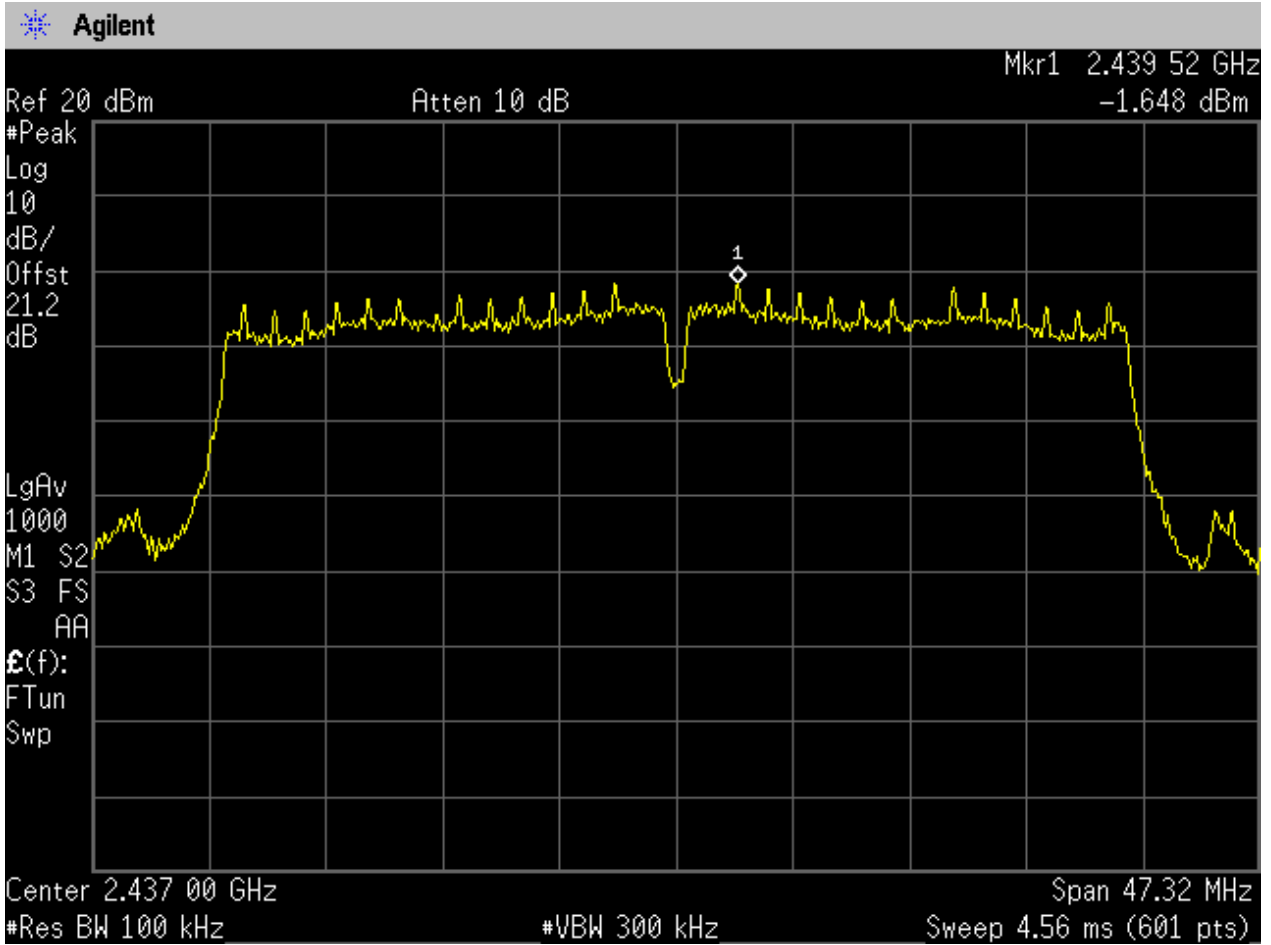
2.2011N40/0_B@2



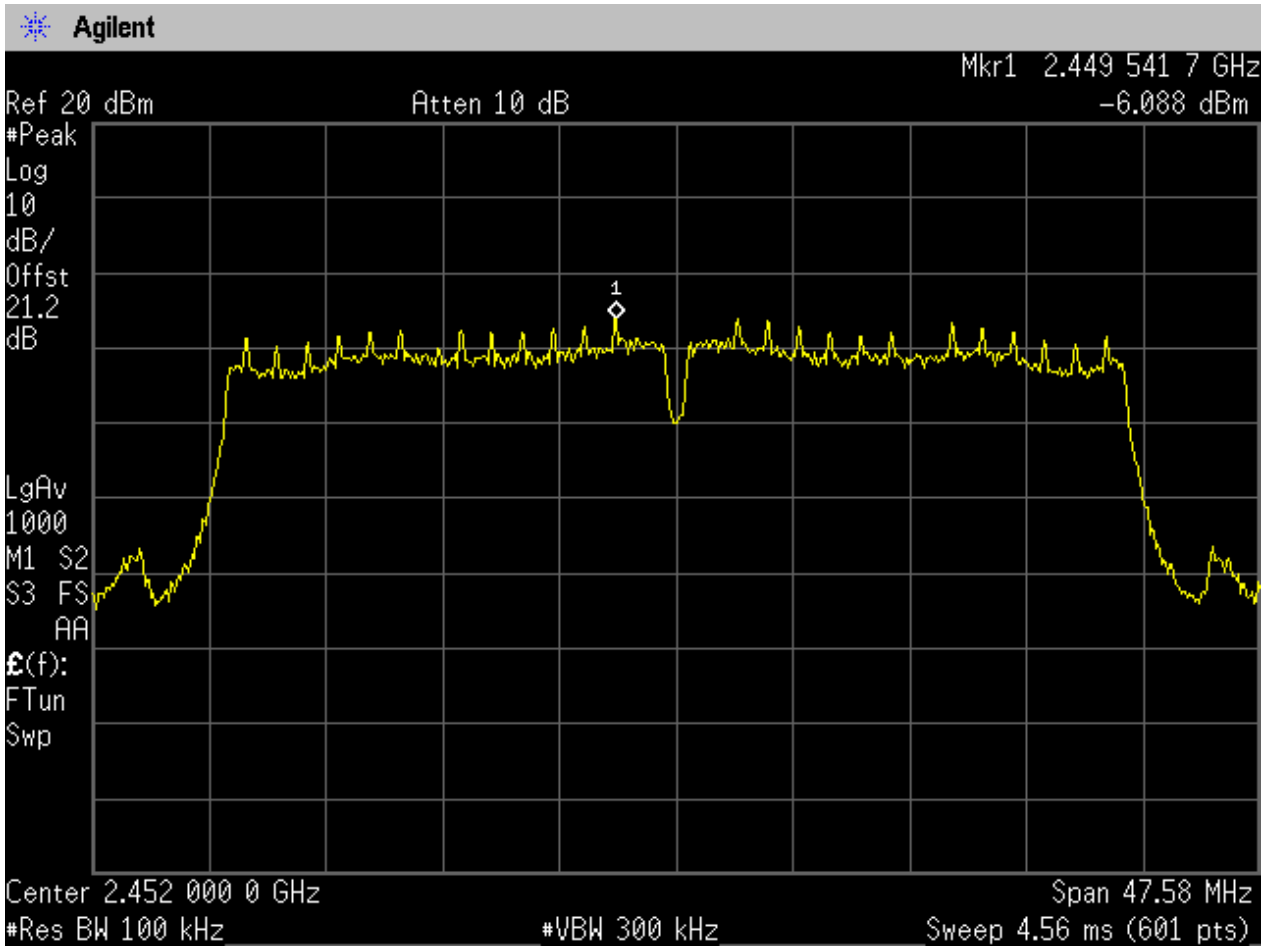
2.2111N40/0_M@1



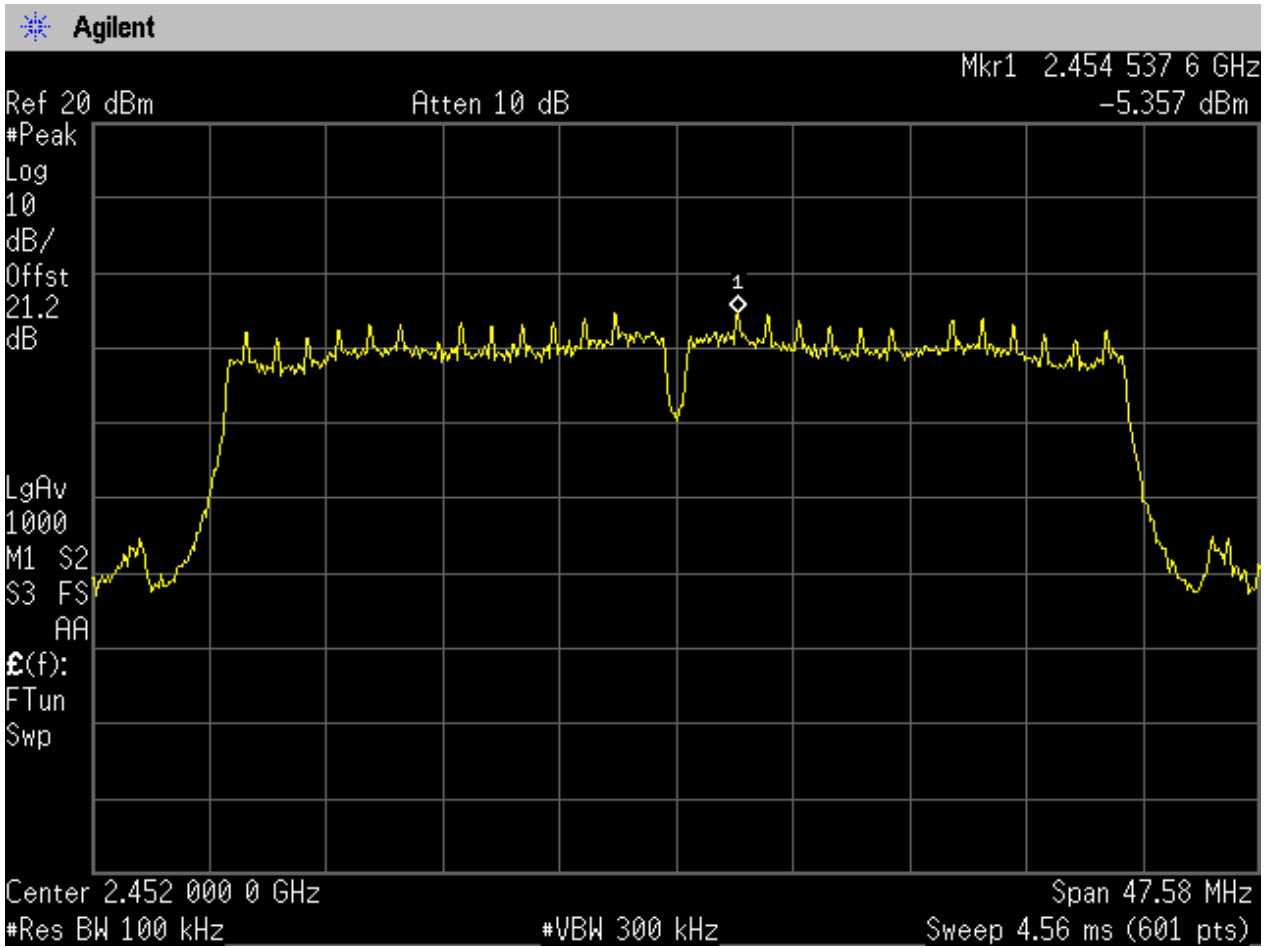
2.2211N40/0_M@2



2.2311N40/0_T@1

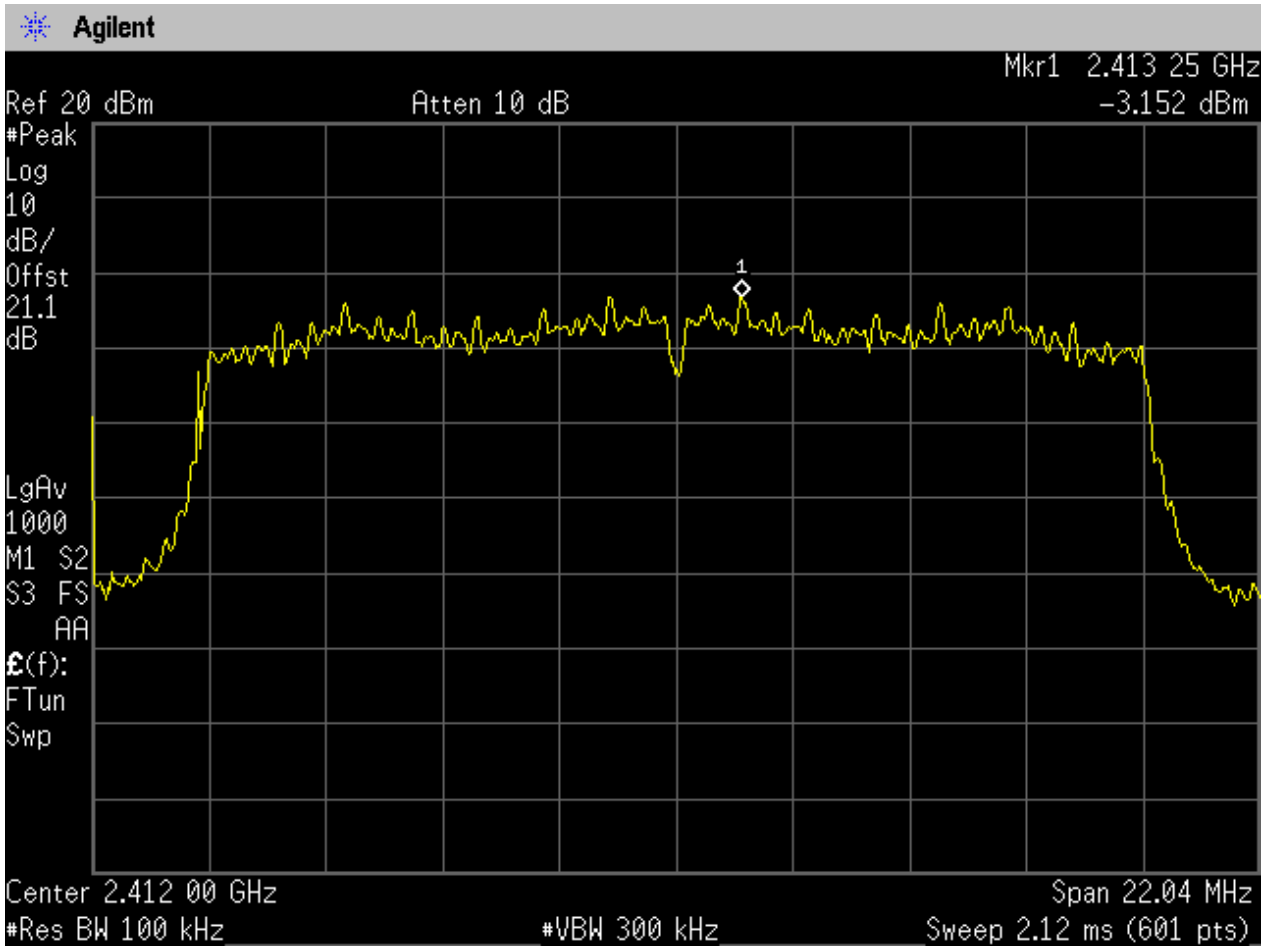


2.2411N40/0_T@2



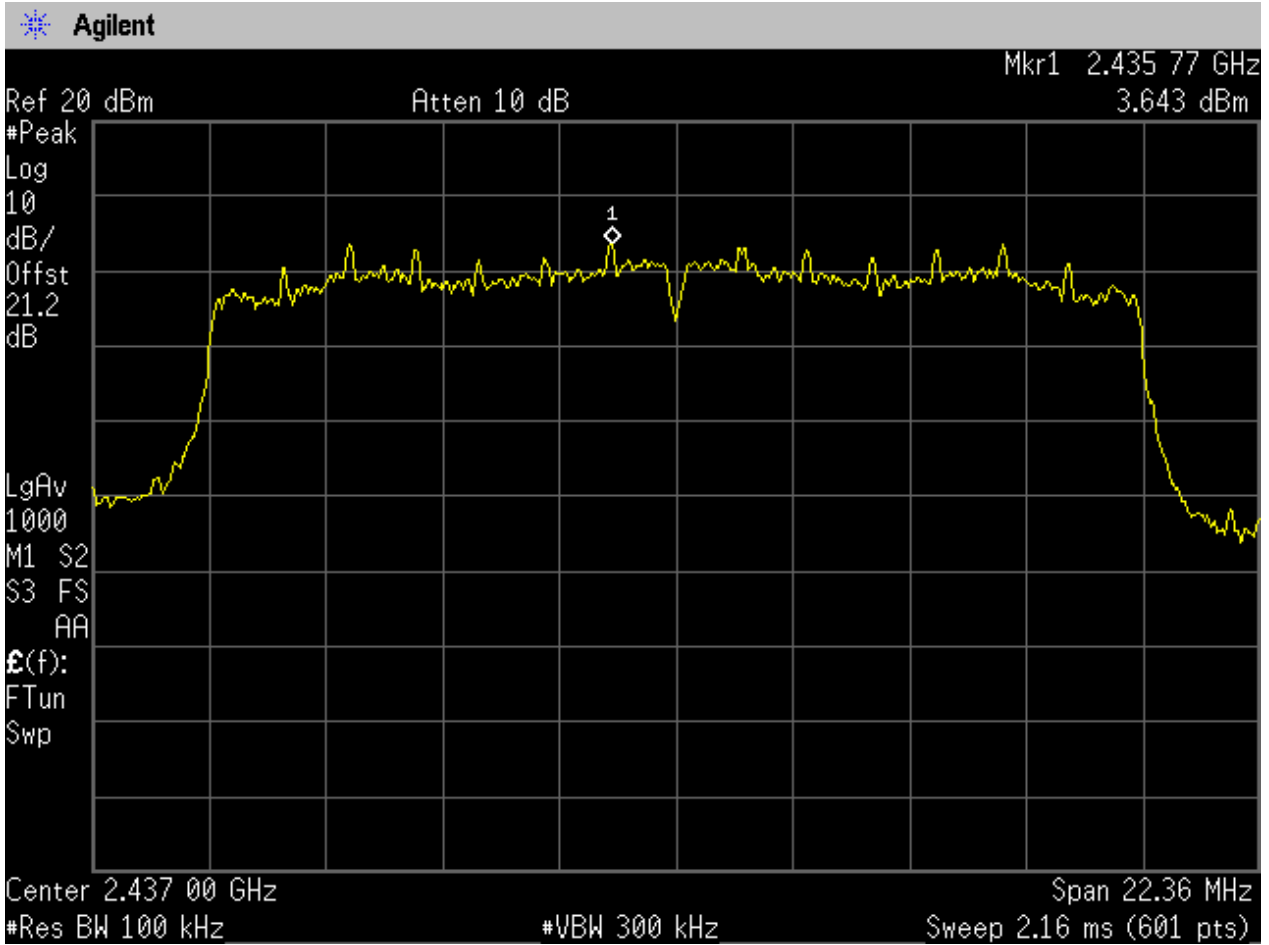
2.2511N20m/8_B@1+2

2.25.1 Ant 1

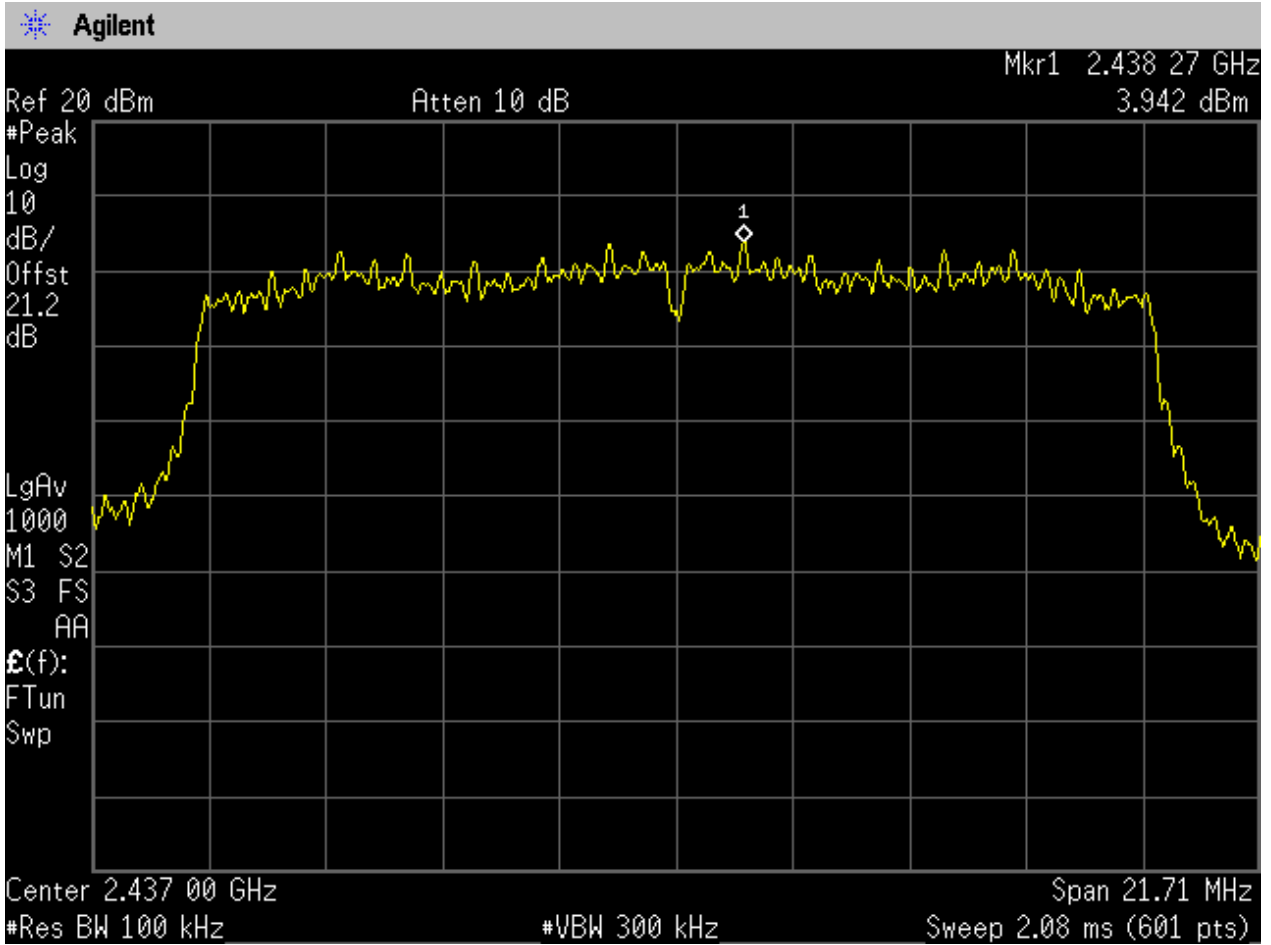


2.2611N20m/8_M@1+2

2.26.1 Ant 1

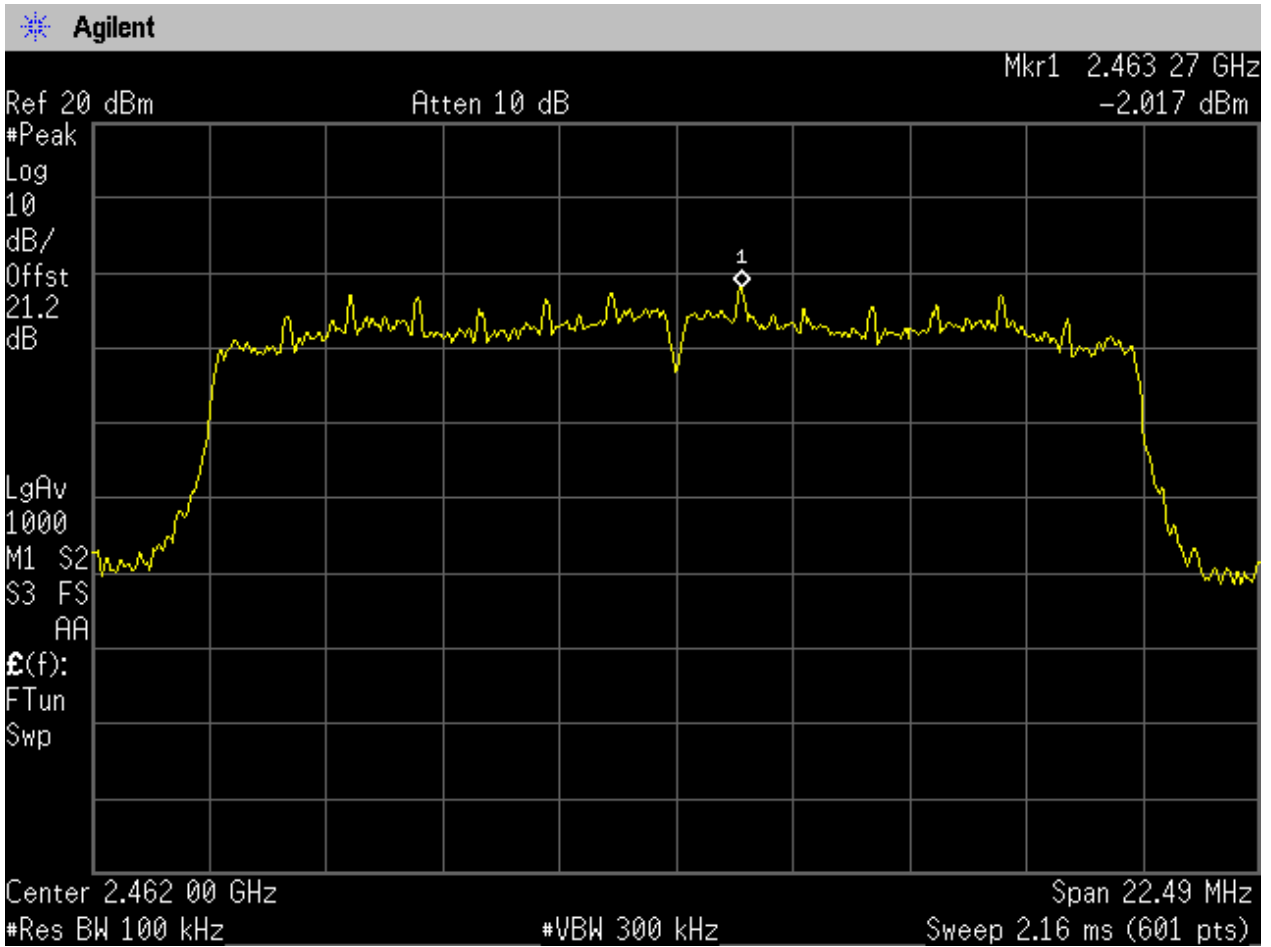


2.26.2 Ant 2

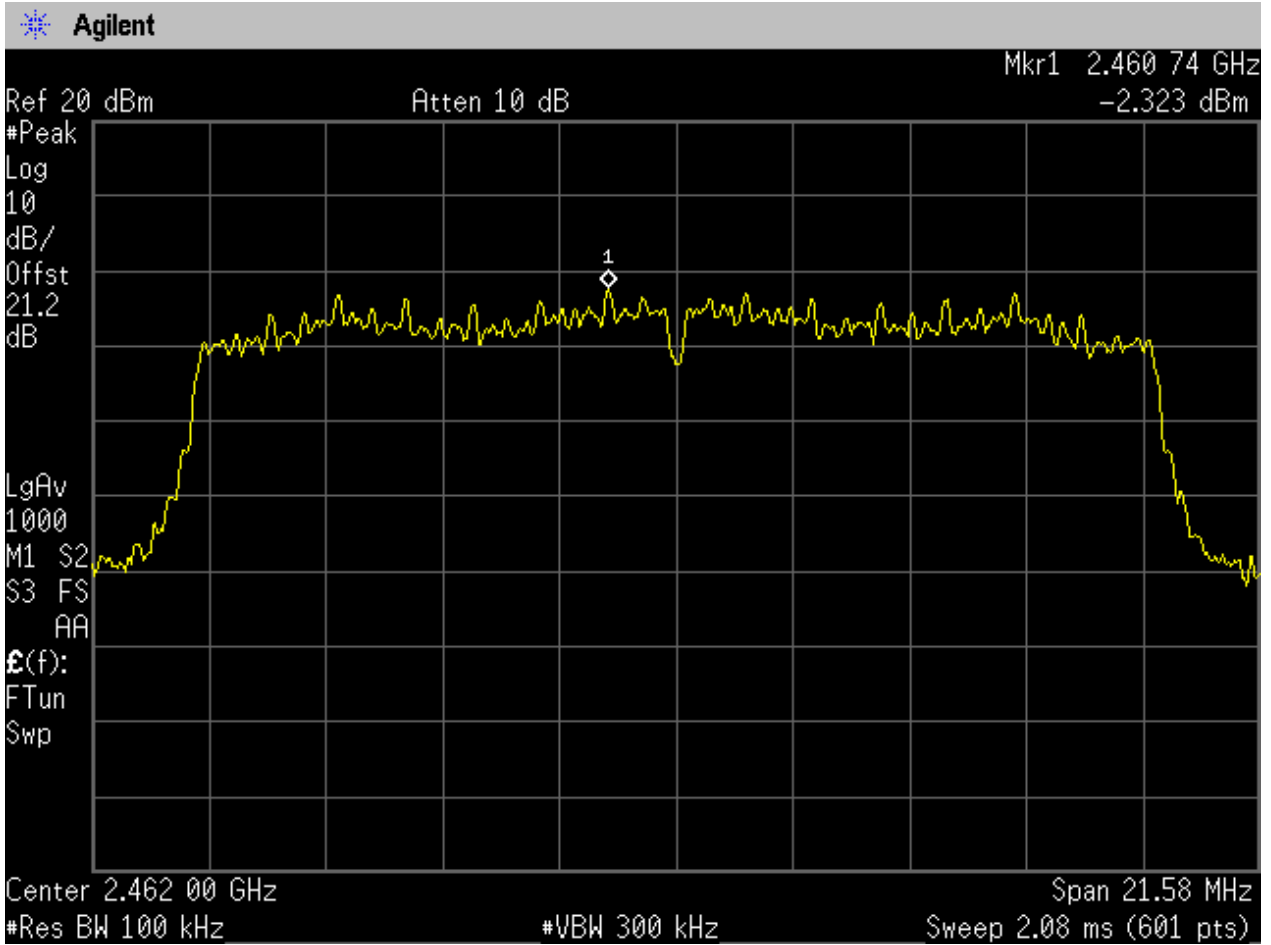


2.2711N20m/8_T@1+2

2.27.1 Ant 1

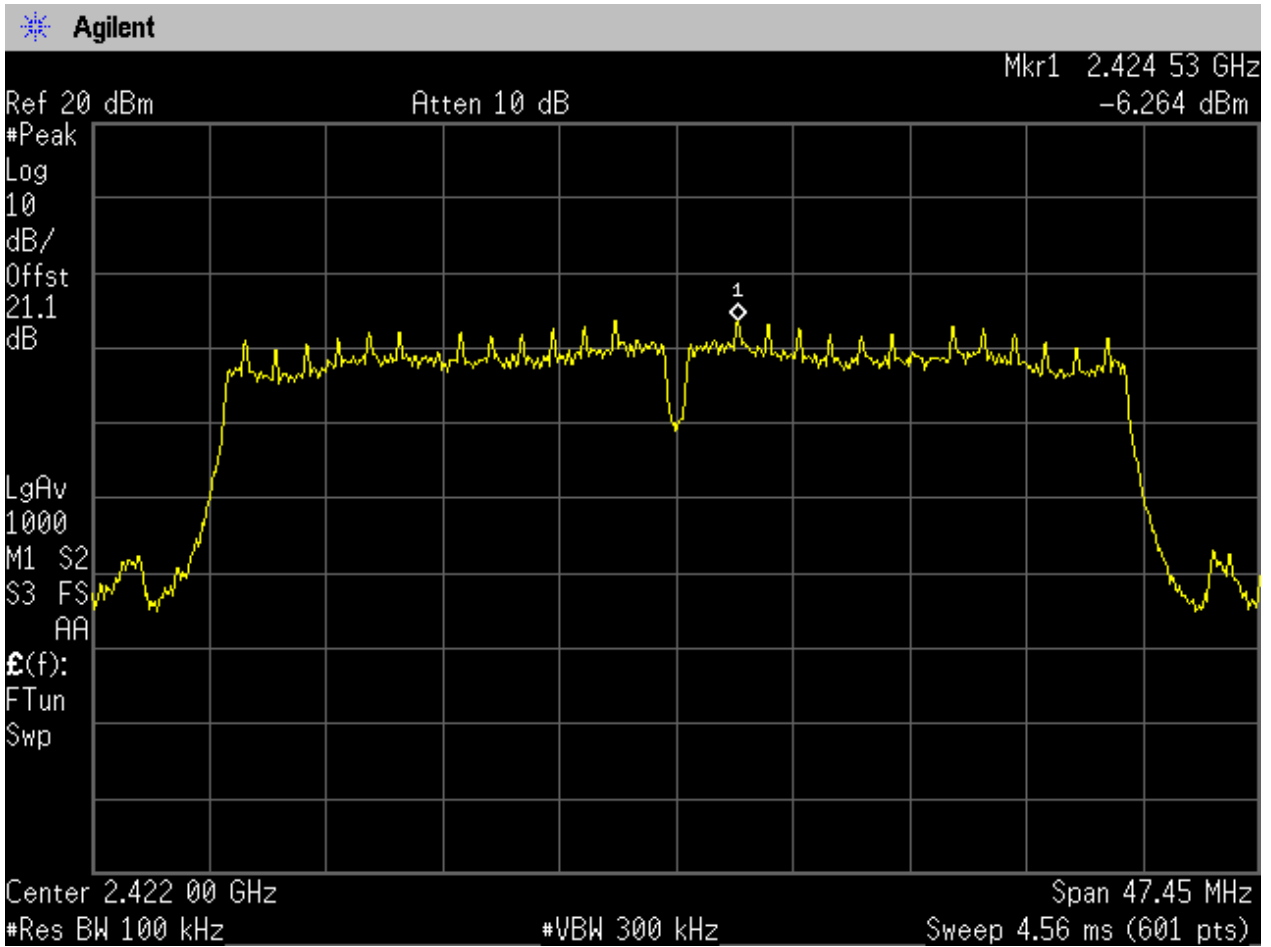


2.27.2 Ant 2

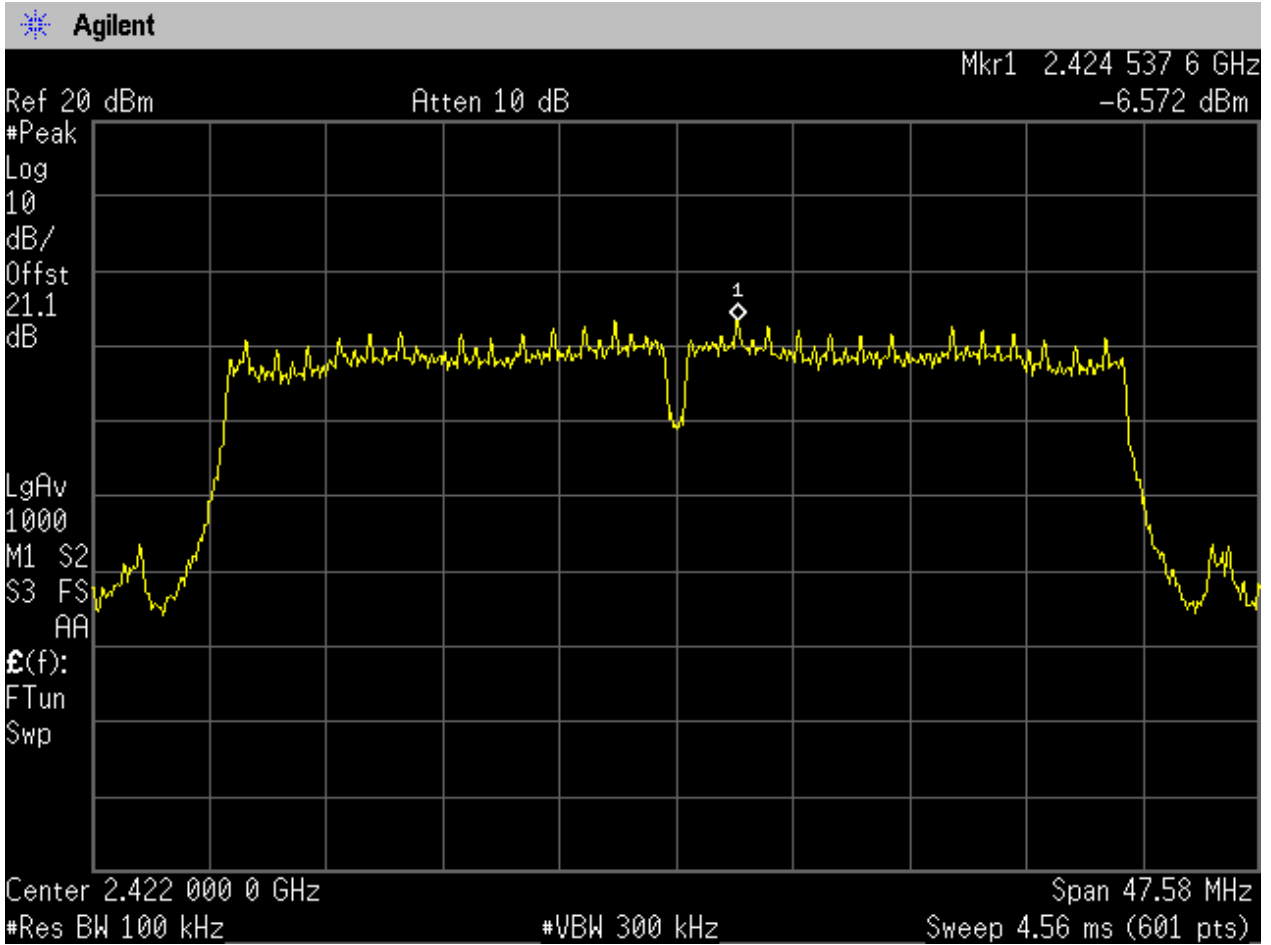


2.2811N40m/8_B@1+2

2.28.1 Ant 1

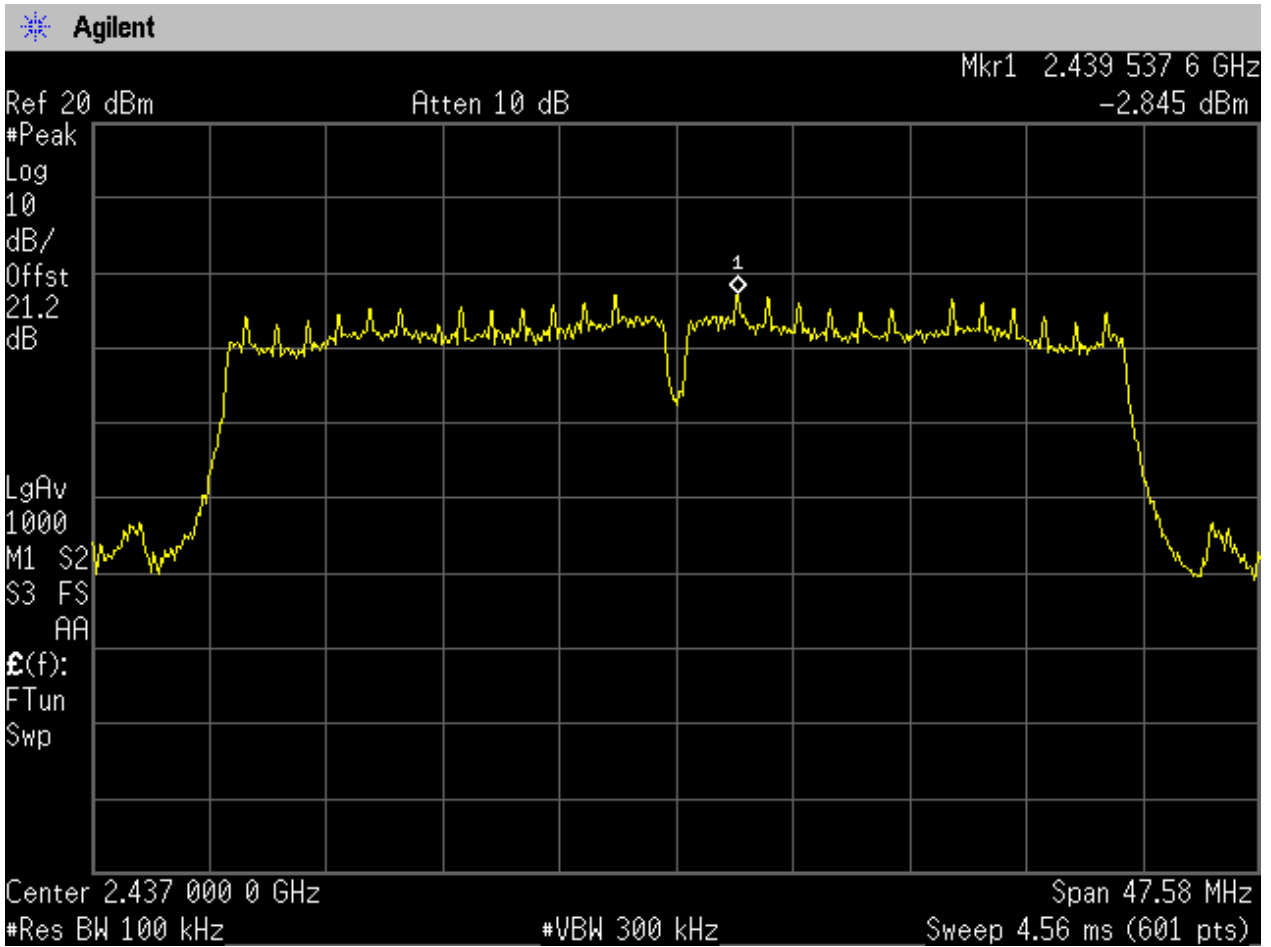


2.28.2 Ant 2

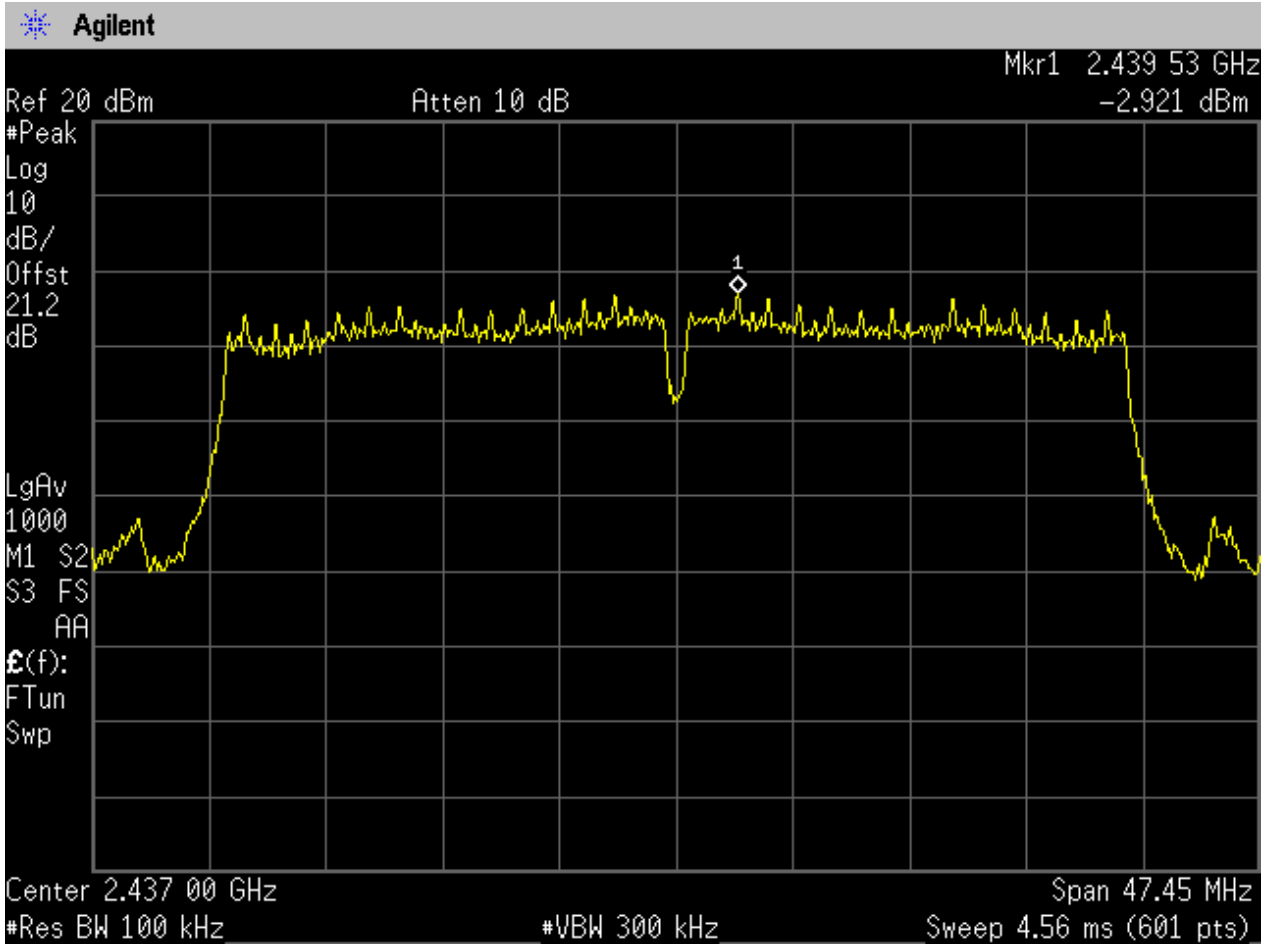


2.2911N40m/8_M@1+2

2.29.1 Ant 1

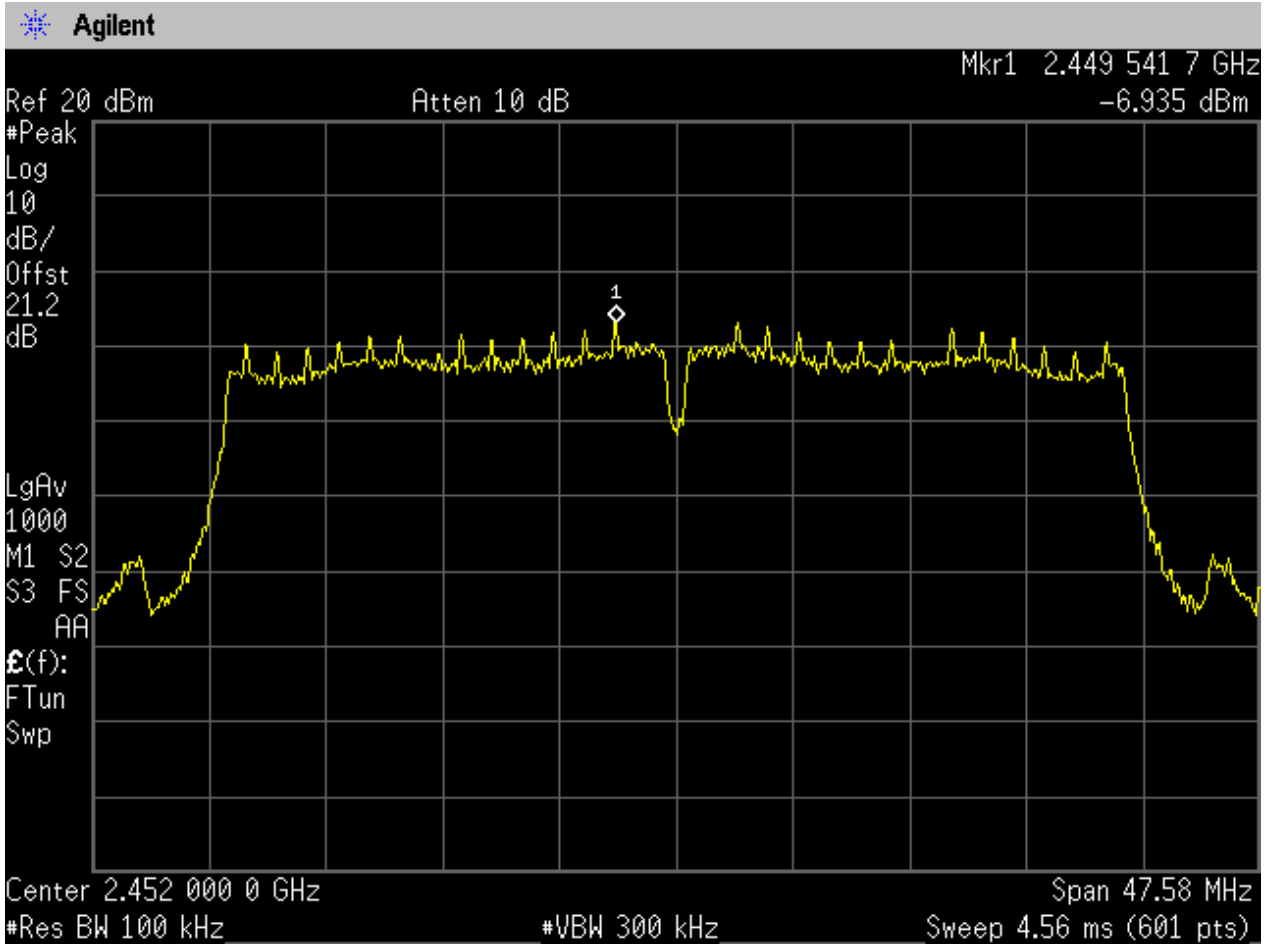


2.29.2 Ant 2

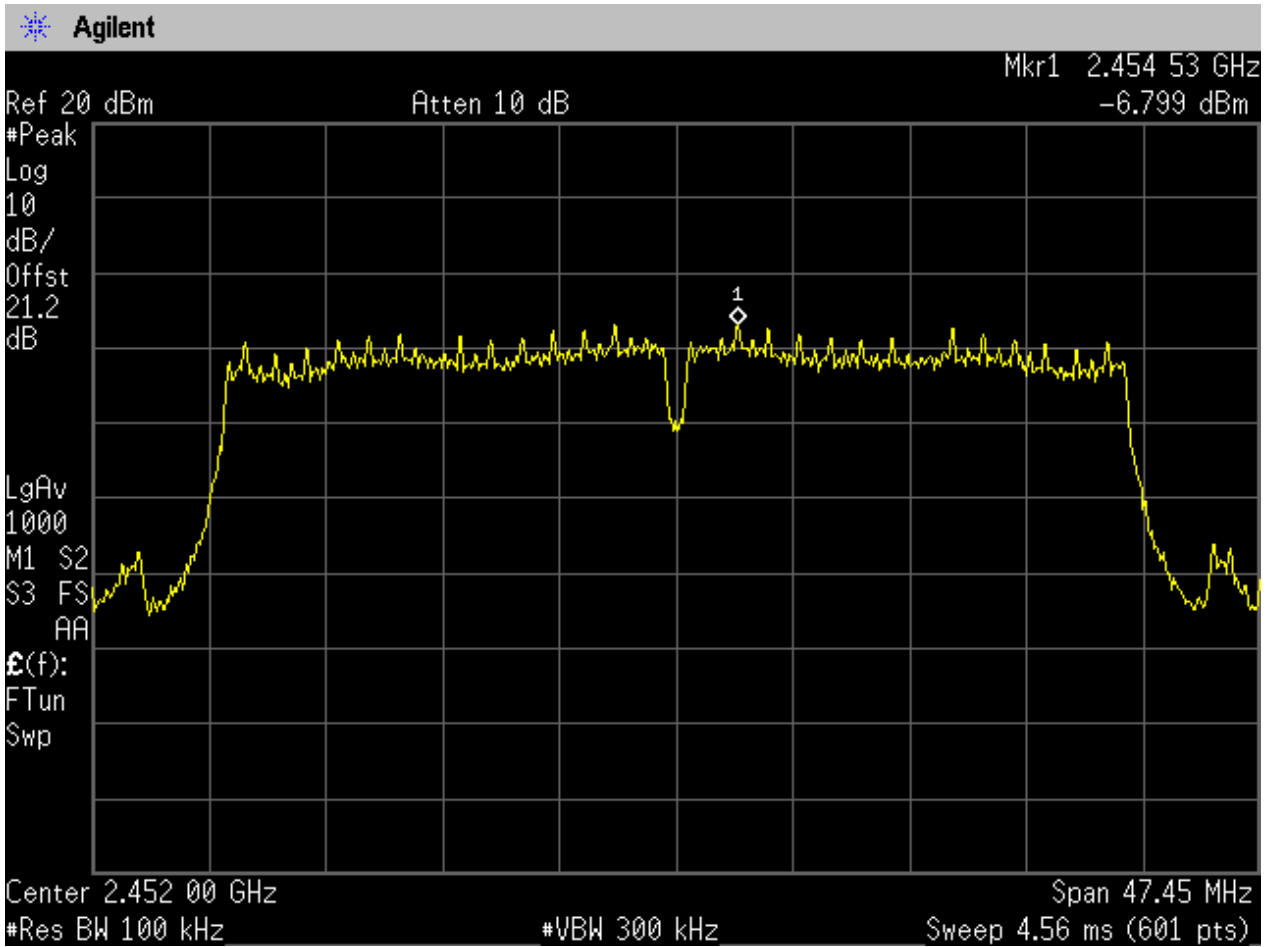


2.3011N40m/8_T@1+2

2.30.1 Ant 1



2.30.2 Ant 2





Appendix D: Unwanted Emissions into Non-Restricted Frequency Bands

1 Result Table

NOTE 1: In this Appendix, the Pref refers to the peak power level in any 100 kHz bandwidth within the fundamental emission which is used as the reference level, the Puw referrers to the maximum emission power in 100 kHz band segments outside of the authorized frequency band.

NOTE 2: Considering that the higher ratio of 100 kHz RBW to the span for the frequency ranges below 30 MHz make the results determination be complicated, a narrower RBW is used for these ranges but the measured value should add a RBW correction factor (RBWCF) where $RBWCF [dB] = 10 \cdot \lg(100 [kHz]/\text{narrower RBW [kHz]})$. In 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.

NOTE 3: 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.

NOTE 4: In this Appendix, the "< Limit" in results table denotes "Puw less than Pref – 20 dB".

EUT Conf.	Pref@Ant 1 [dBm/100 kHz]	Puw@Ant 1 [dBm/100 kHz]	Pref@Ant 2 [dBm/100 kHz]	Puw@Ant 2 [dBm/100 kHz]	Verdict
11B/1_B@1	4.75	< Limit	---	---	Pass
11B/1_B@2	---	---	4.54	< Limit	Pass
11B/1_M@1	5.11	< Limit	---	---	Pass
11B/1_M@2	---	---	4.66	< Limit	Pass
11B/1_T@1	4.81	< Limit	---	---	Pass
11B/1_T@2	---	---	4.24	< Limit	Pass
11G/6_B@1	0.4	< Limit	---	---	Pass
11G/6_B@2	---	---	-0.63	< Limit	Pass
11G/6_M@1	2.91	< Limit	---	---	Pass
11G/6_M@2	---	---	2.94	< Limit	Pass
11G/6_T@1	0.19	< Limit	---	---	Pass
11G/6_T@2	---	---	0	< Limit	Pass
11N20/0_B@1	0.16	< Limit	---	---	Pass
11N20/0_B@2	---	---	0.22	< Limit	Pass
11N20/0_M@1	2.18	< Limit	---	---	Pass
11N20/0_M@2	---	---	3.33	< Limit	Pass
11N20/0_T@1	0.09	< Limit	---	---	Pass
11N20/0_T@2	---	---	-0.04	< Limit	Pass
11N40/0_B@1	-5.95	< Limit	---	---	Pass
11N40/0_B@2	---	---	-6.23	< Limit	Pass
11N40/0_M@1	-1.3	< Limit	---	---	Pass
11N40/0_M@2	---	---	-1.61	< Limit	Pass
11N40/0_T@1	-6.05	< Limit	---	---	Pass
11N40/0_T@2	---	---	-5.14	< Limit	Pass

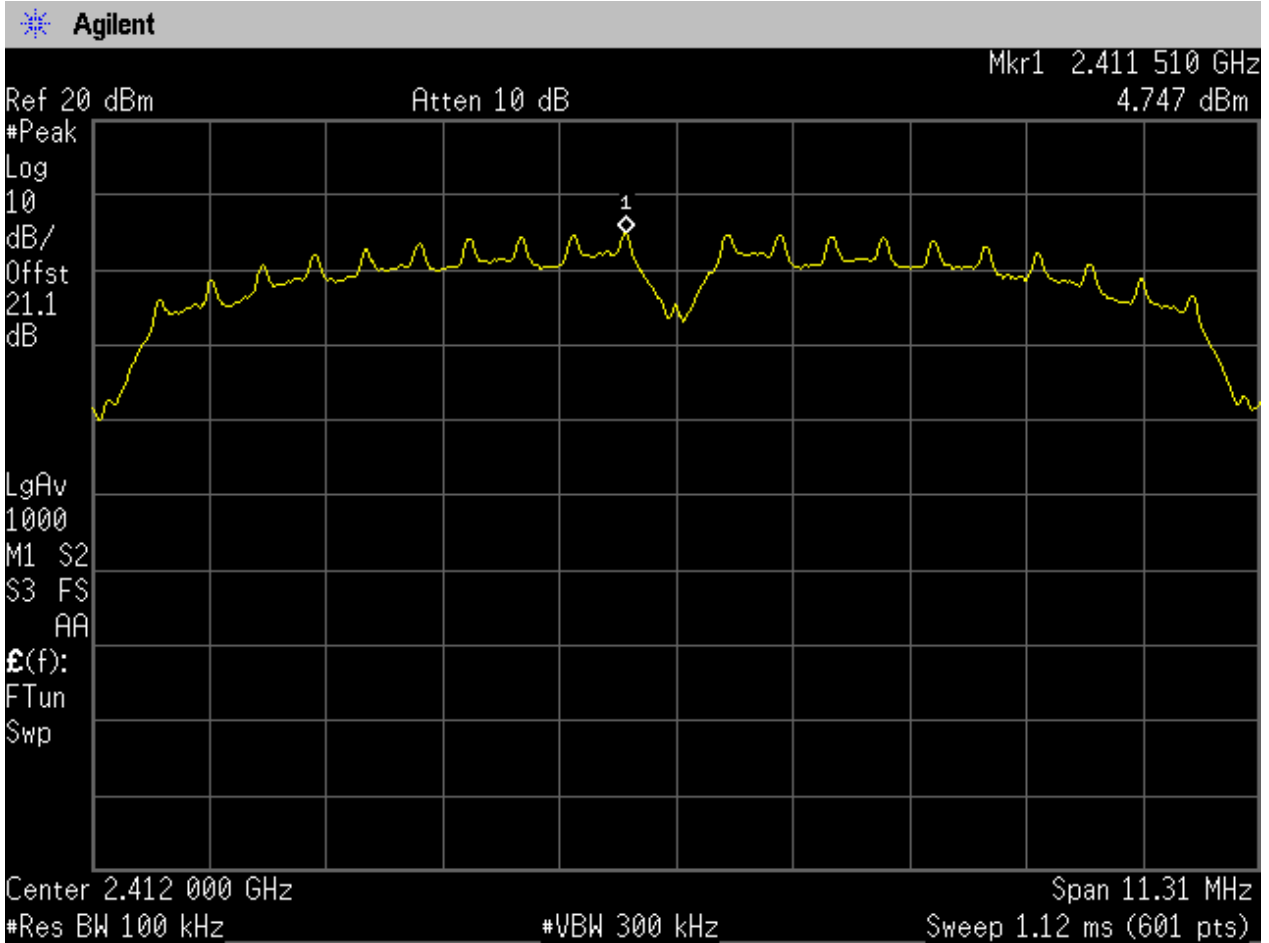


EUT Conf.	Pref@Ant 1 [dBm/100 kHz]	Puw@Ant 1 [dBm/100 kHz]	Pref@Ant 2 [dBm/100 kHz]	Puw@Ant 2 [dBm/100 kHz]	Verdict
11N20m/8_B@1+2	-2.84	< Limit	-2.69	< Limit	Pass
11N20m/8_M@1+2	4.36	< Limit	4.09	< Limit	Pass
11N20m/8_T@1+2	-1.96	< Limit	-1.72	< Limit	Pass
11N40m/8_B@1+2	-6.19	< Limit	-6.55	< Limit	Pass
11N40m/8_M@1+2	-2.89	< Limit	-2.96	< Limit	Pass
11N40m/8_T@1+2	-6.98	< Limit	-6.63	< Limit	Pass

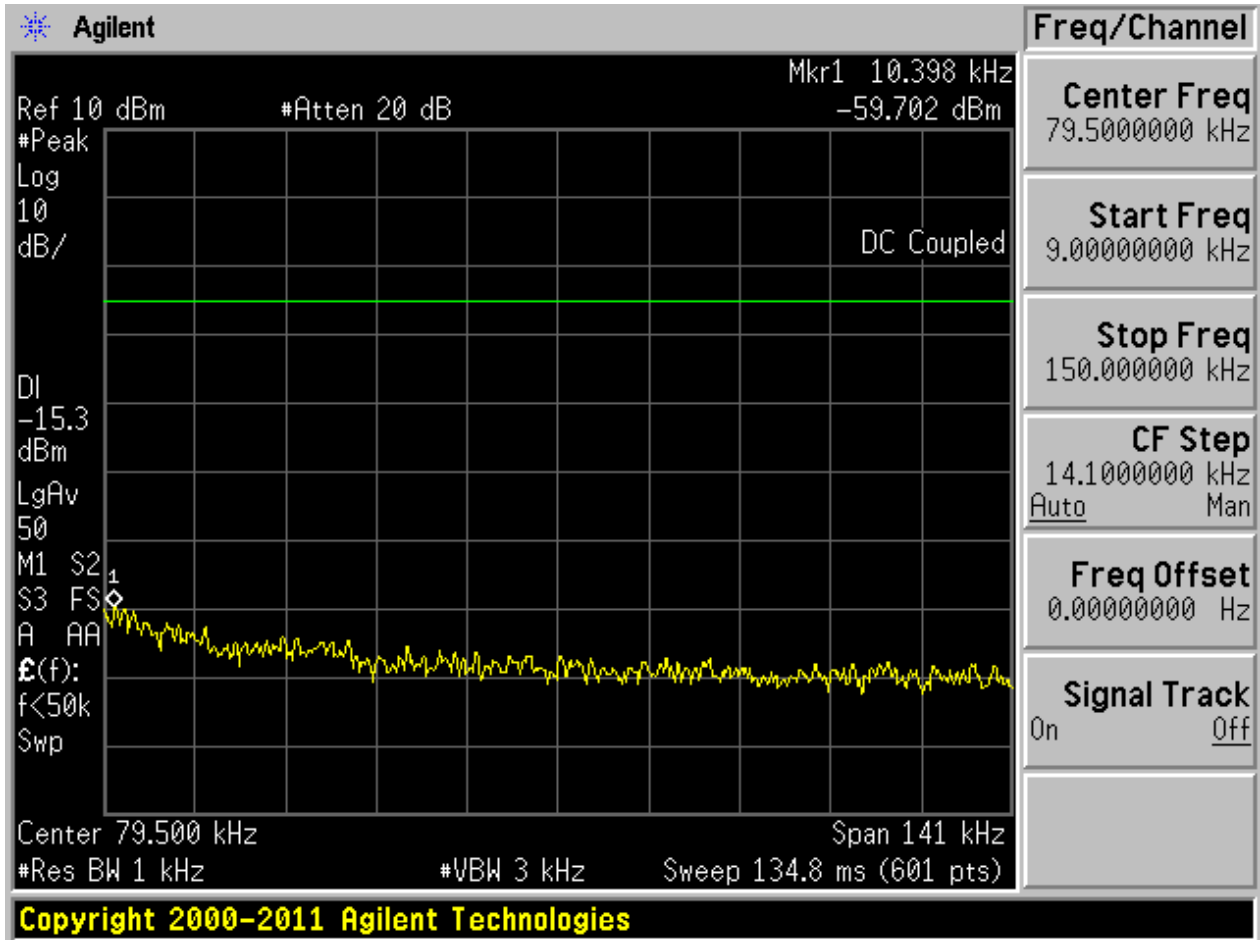
2 Test Plot

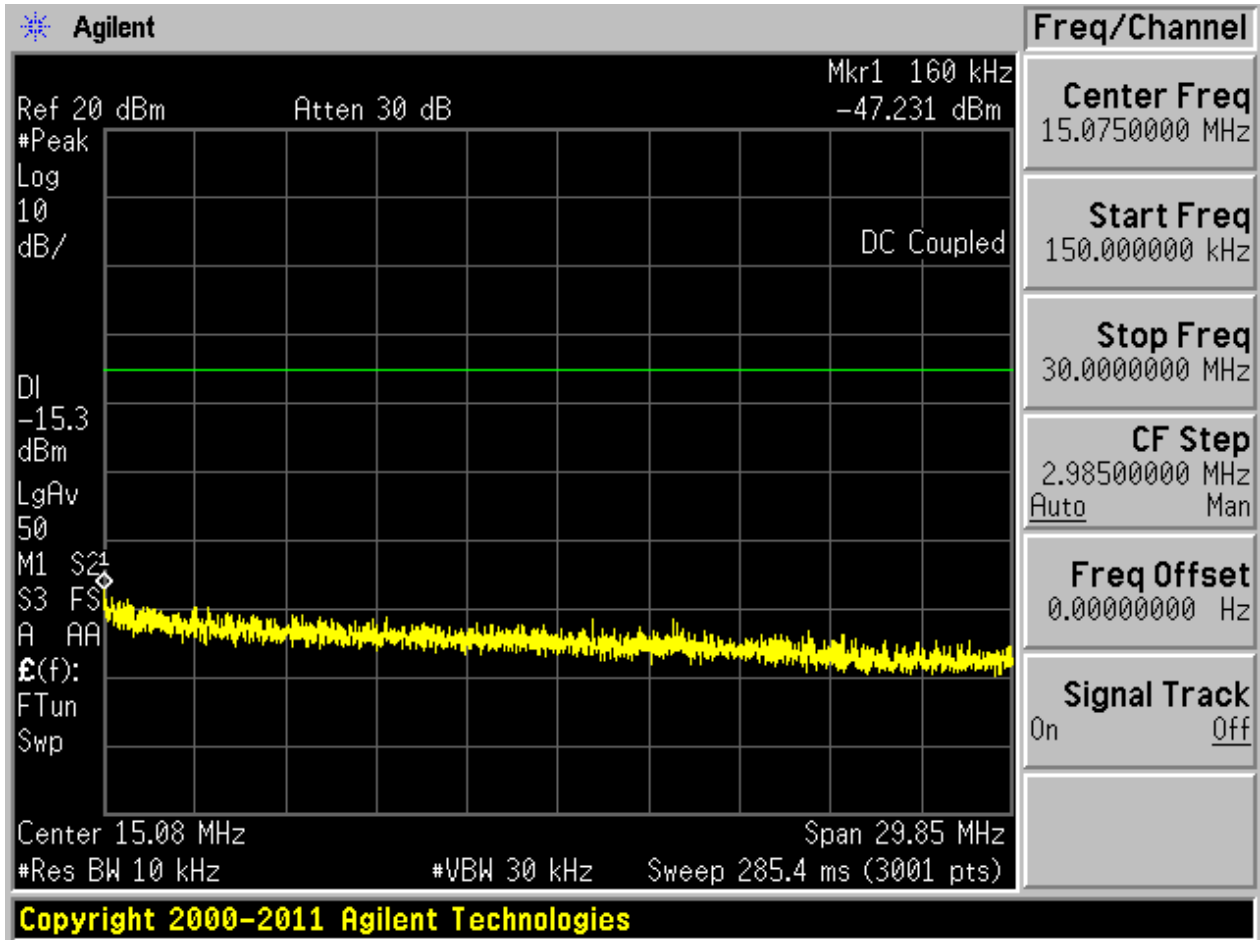
2.1 11B/1_B@1

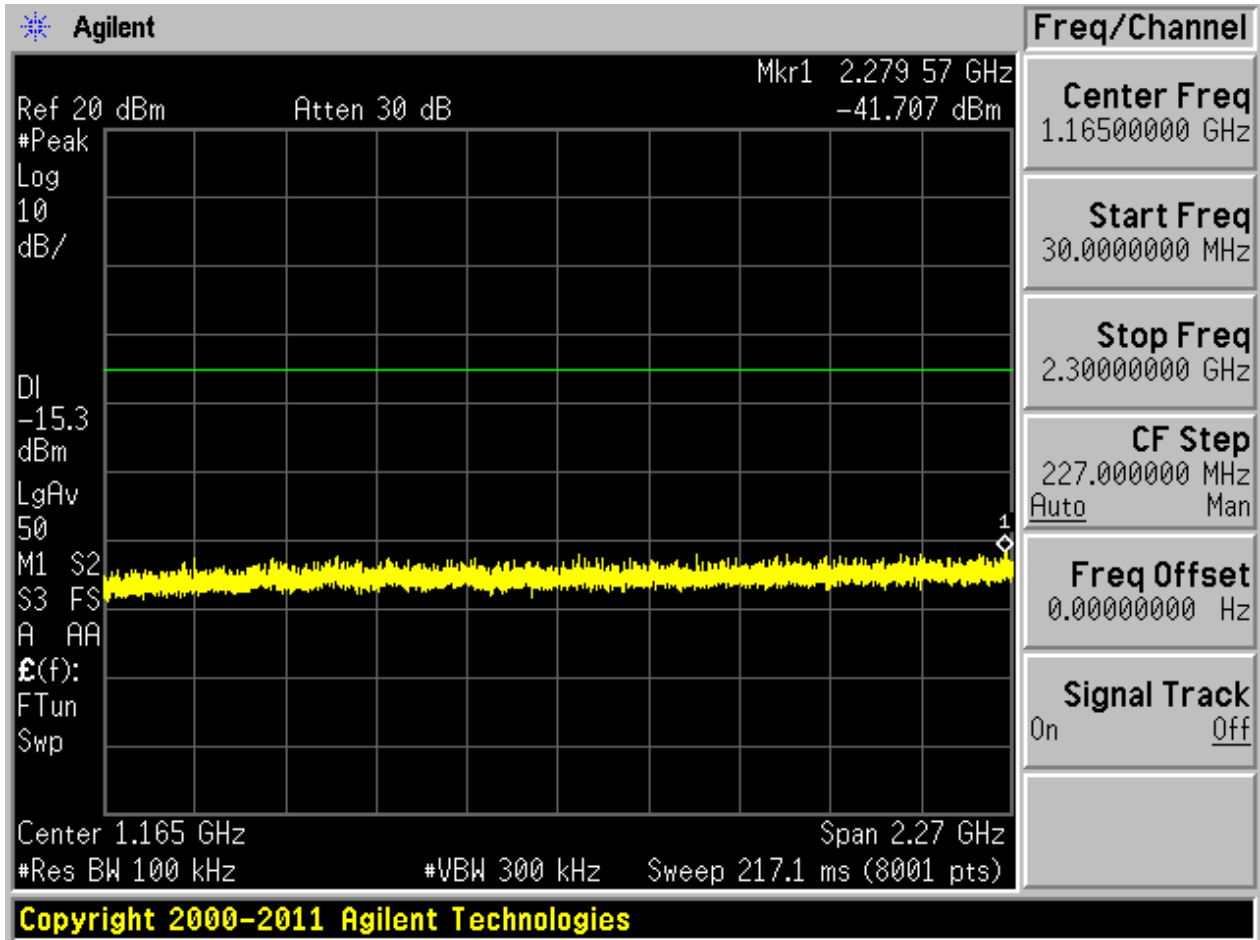
2.1.1 Pref

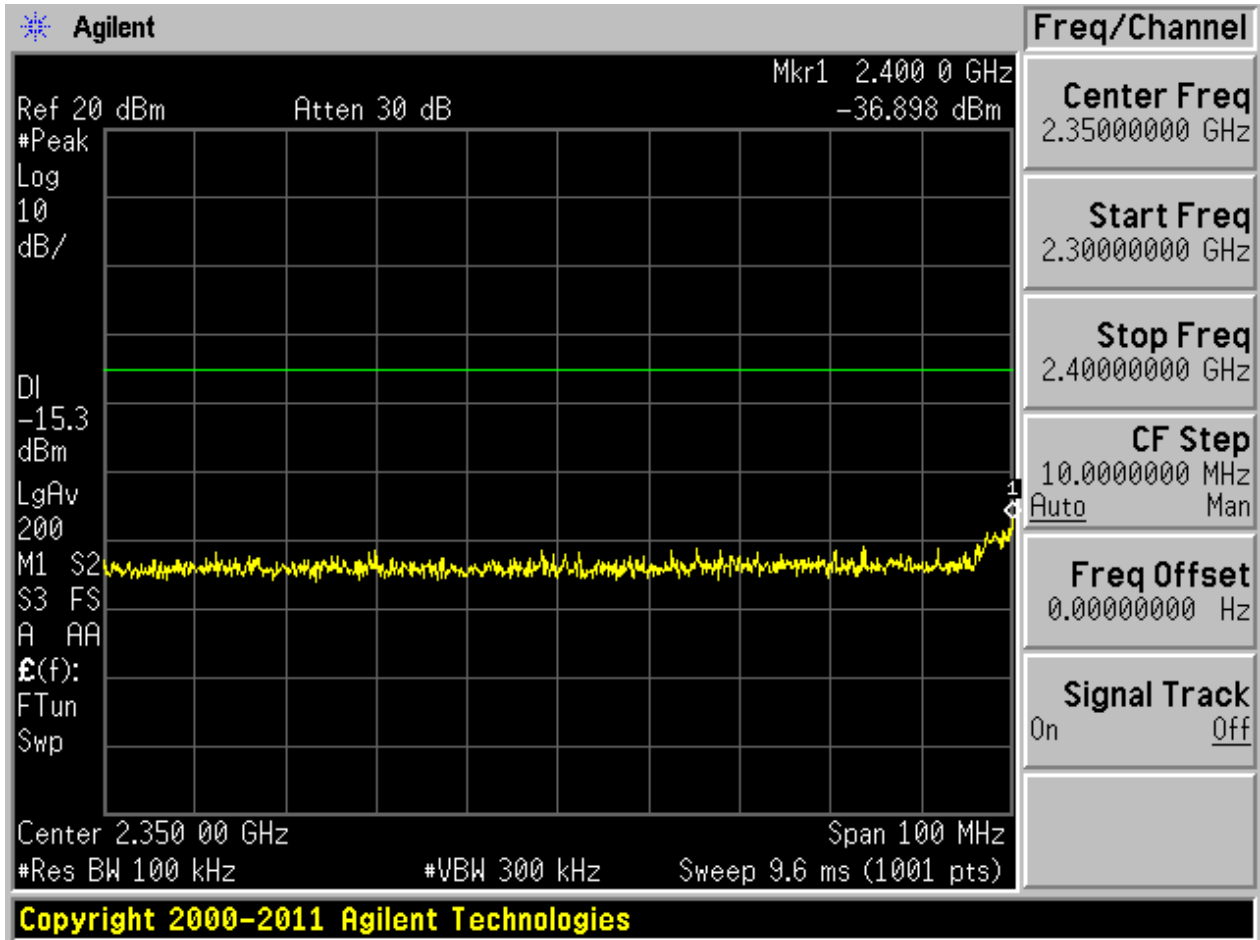


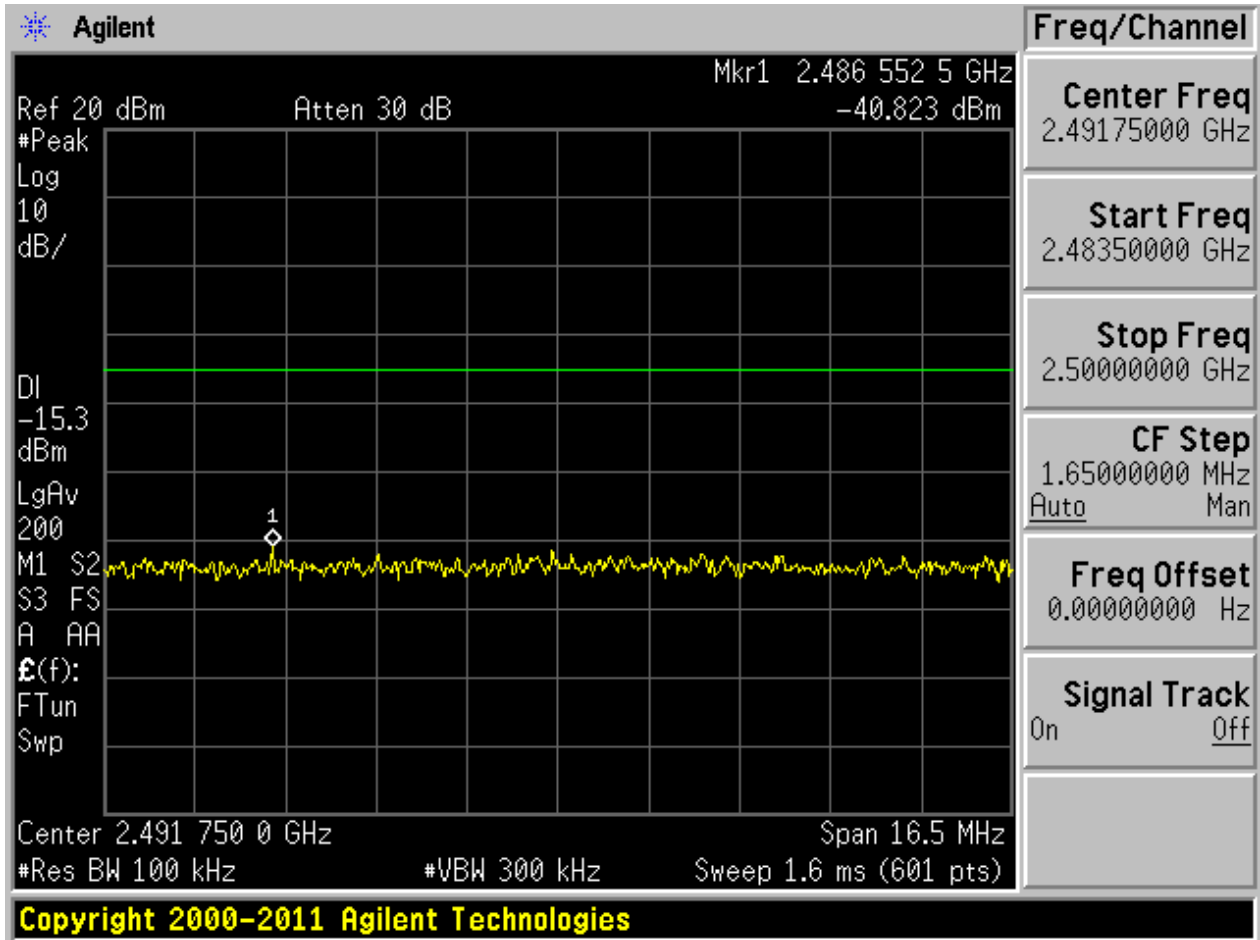
2.1.2 P_{uw}

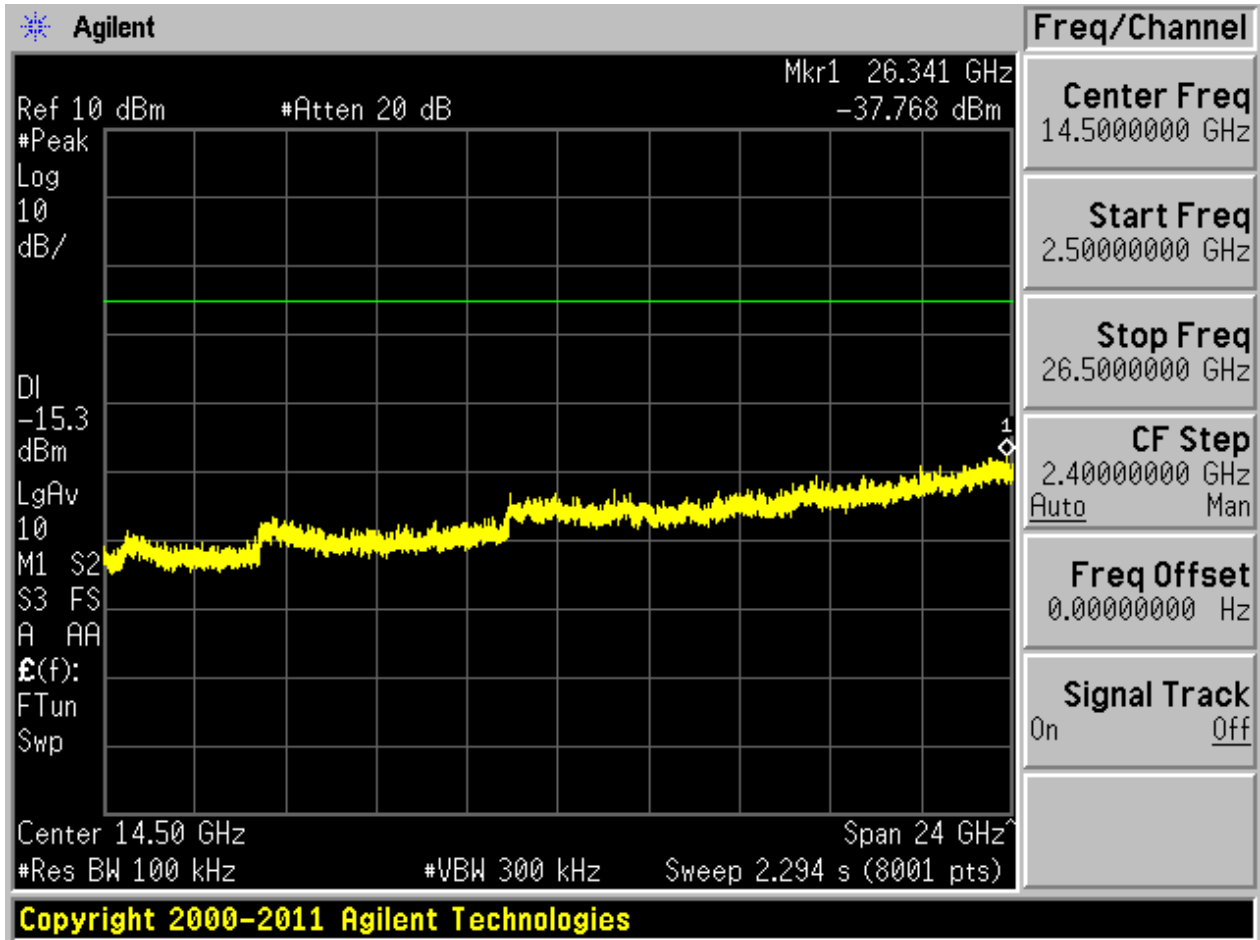






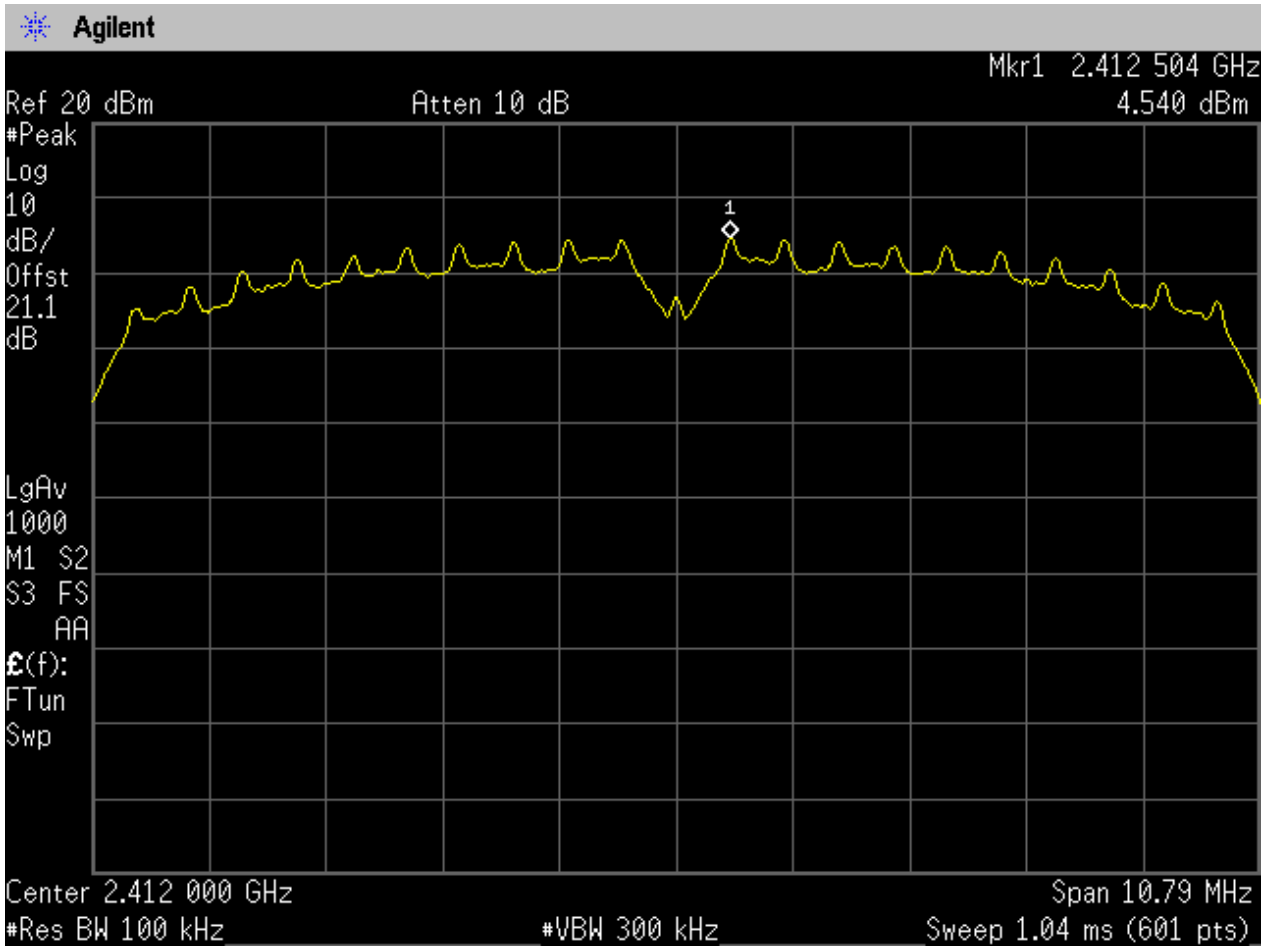




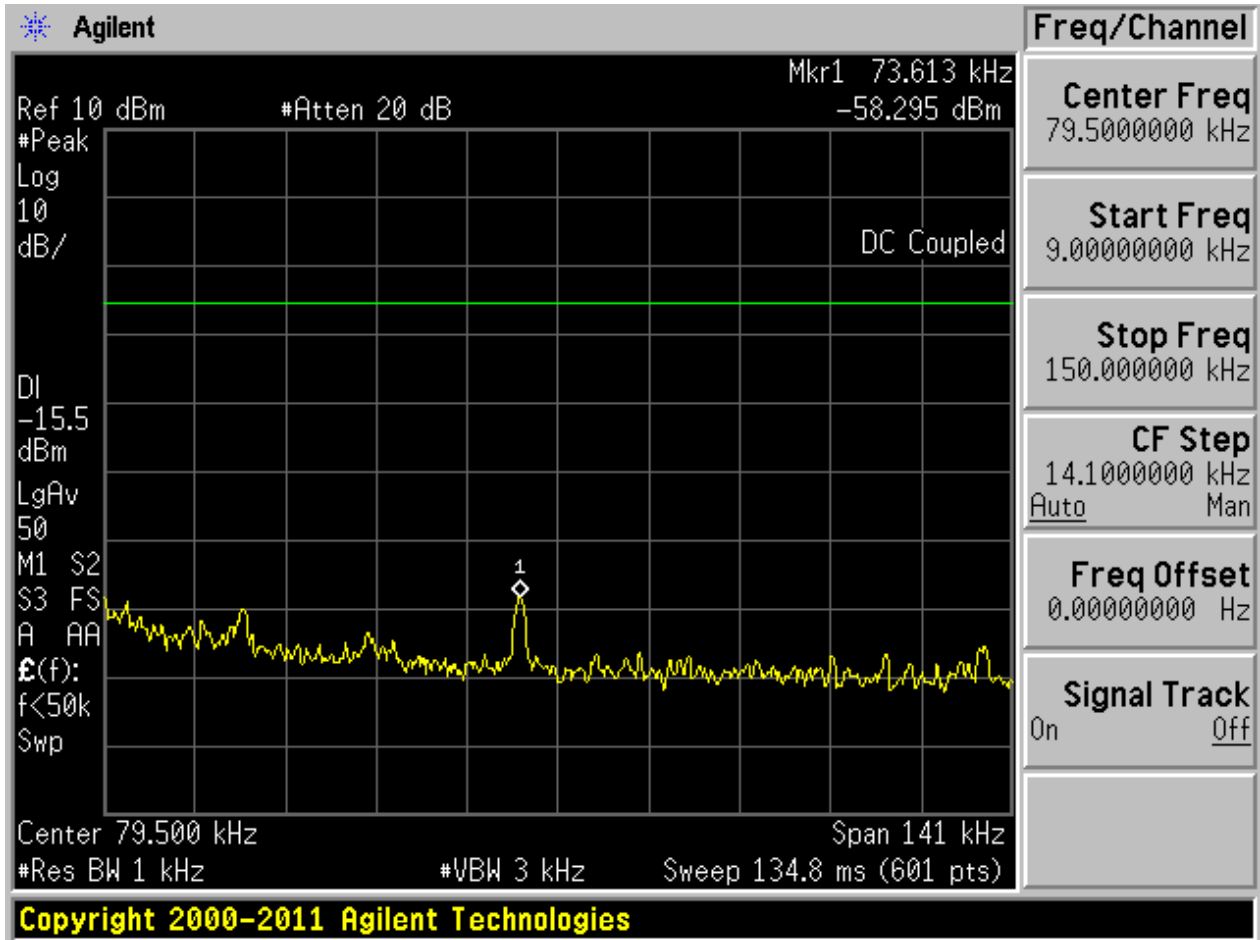


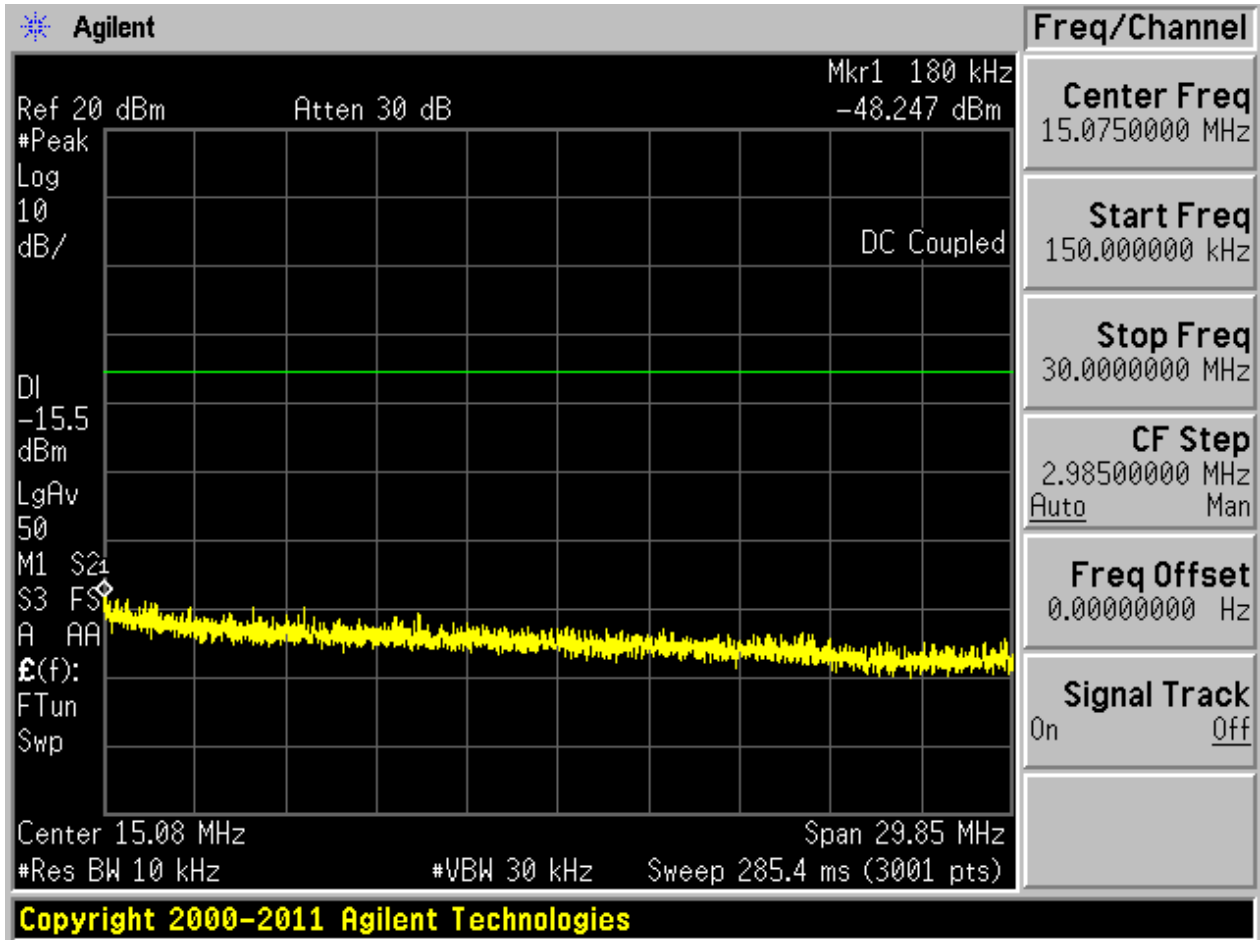
2.2 11B/1_B@2

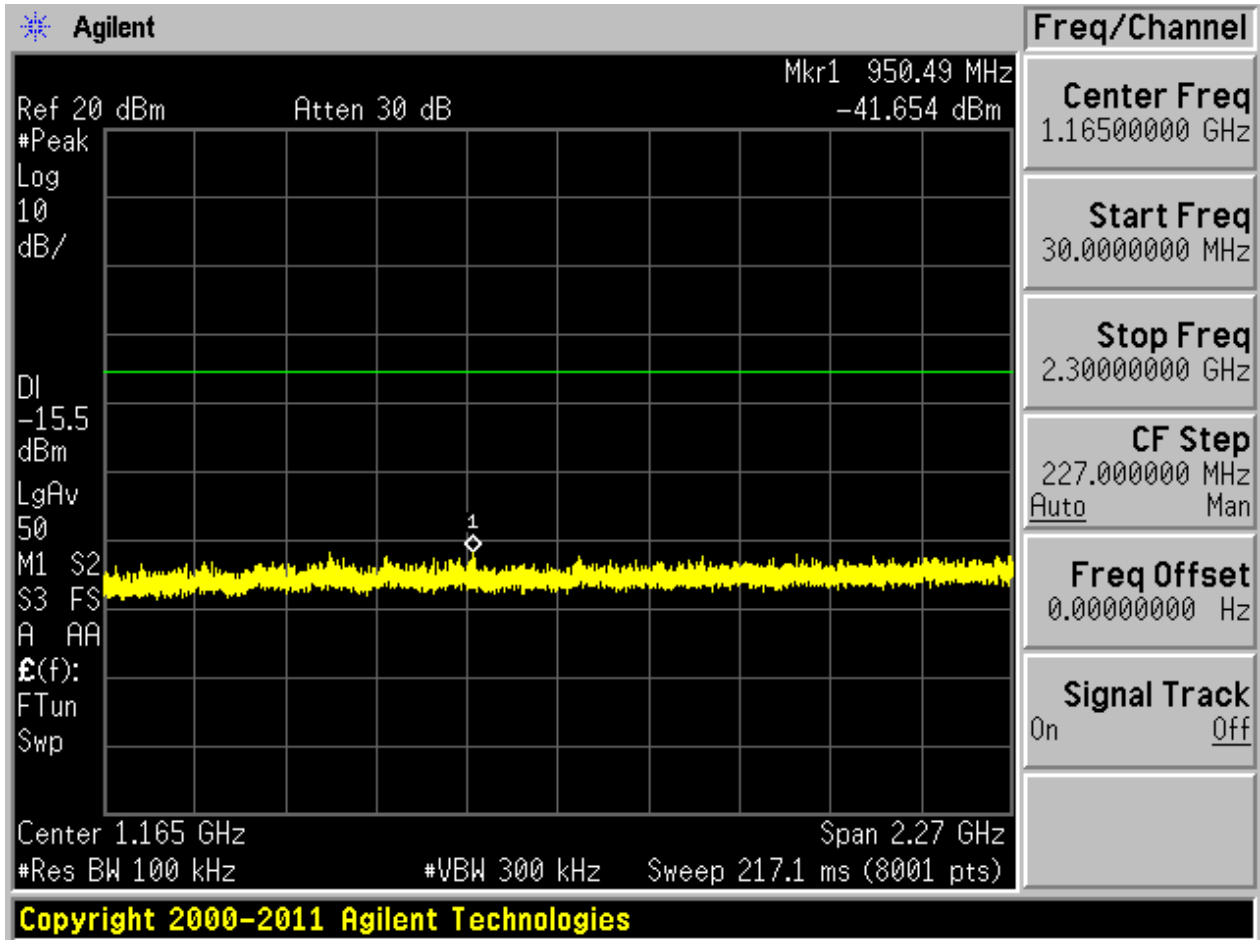
2.2.1 Pref

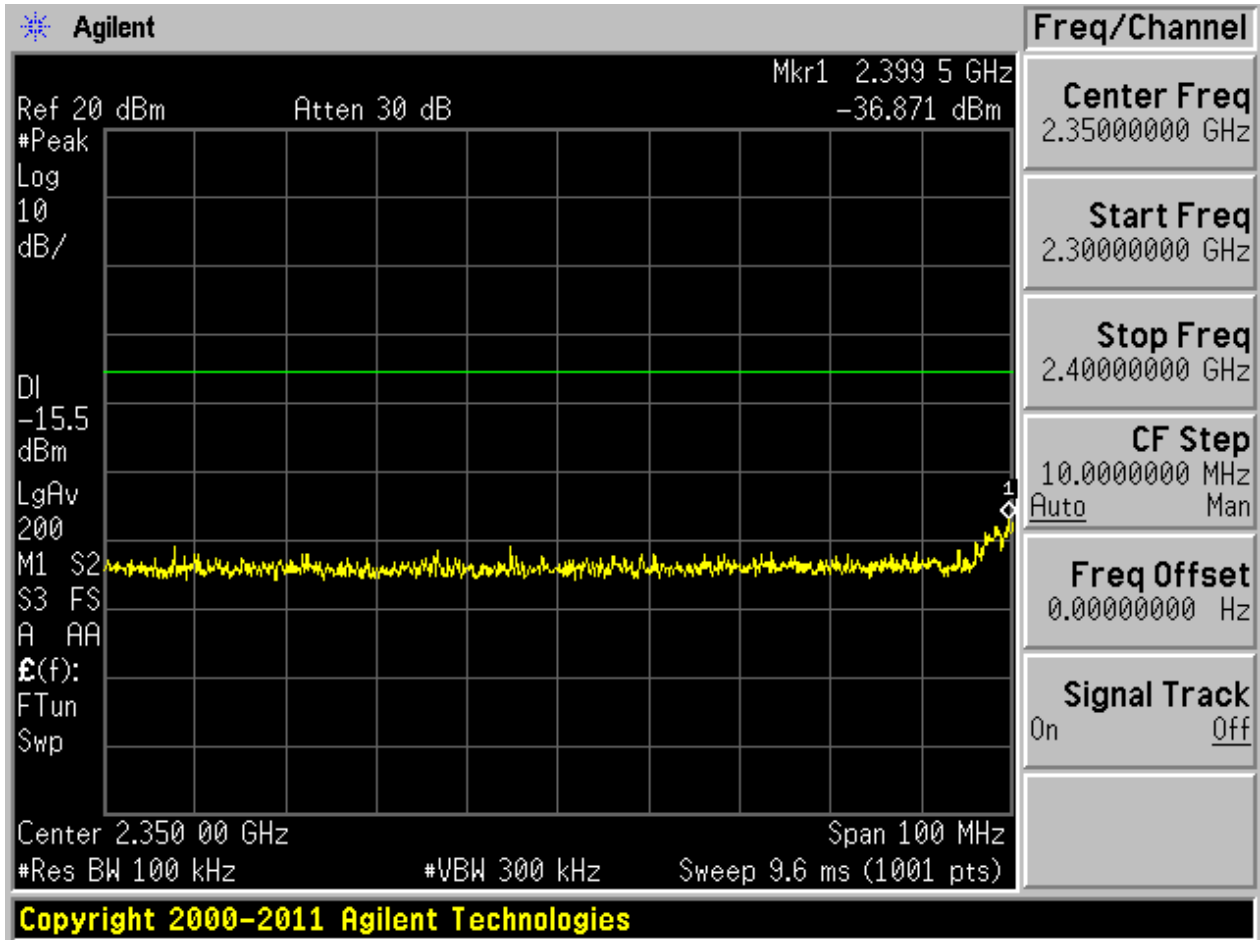


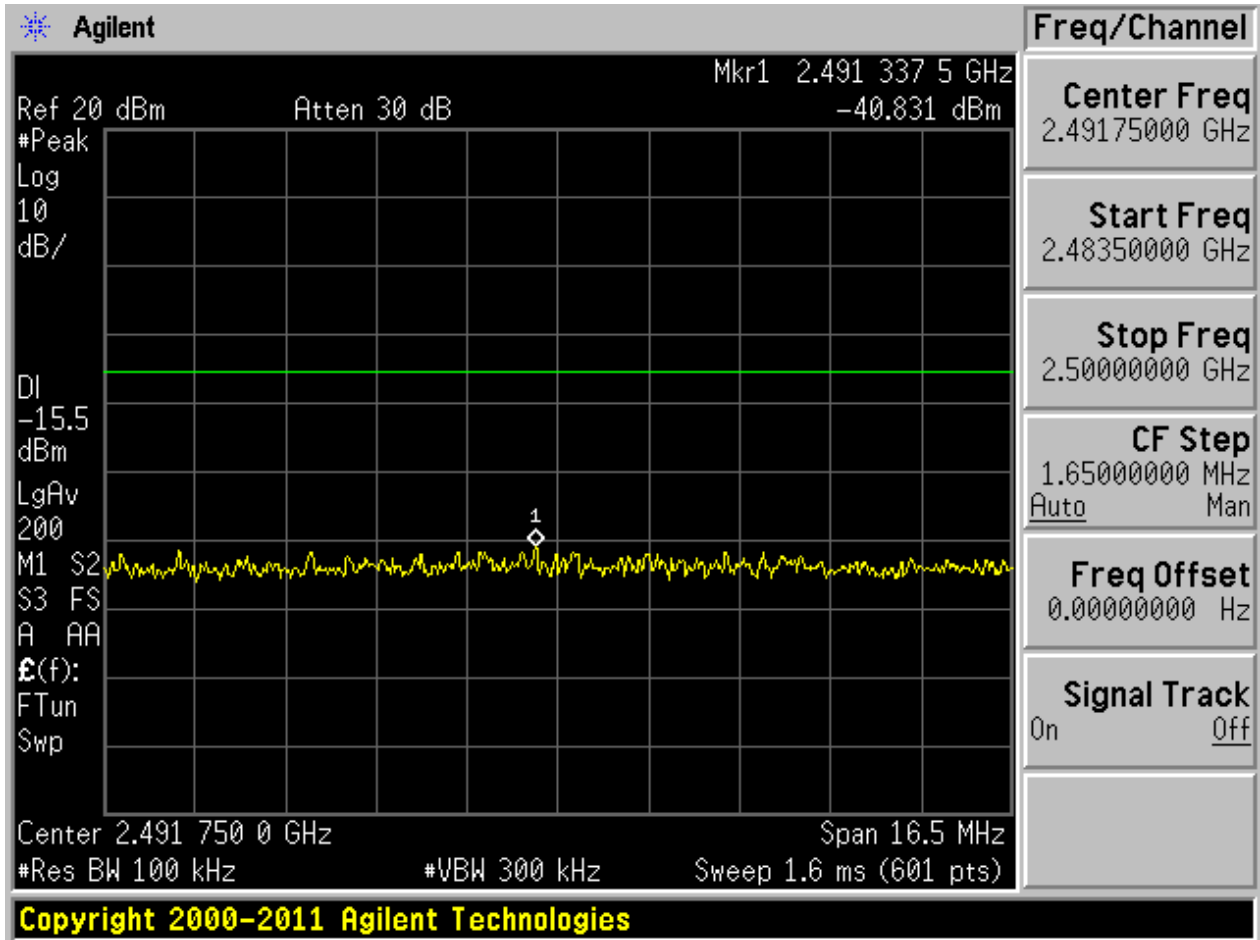
2.2.2 Puw

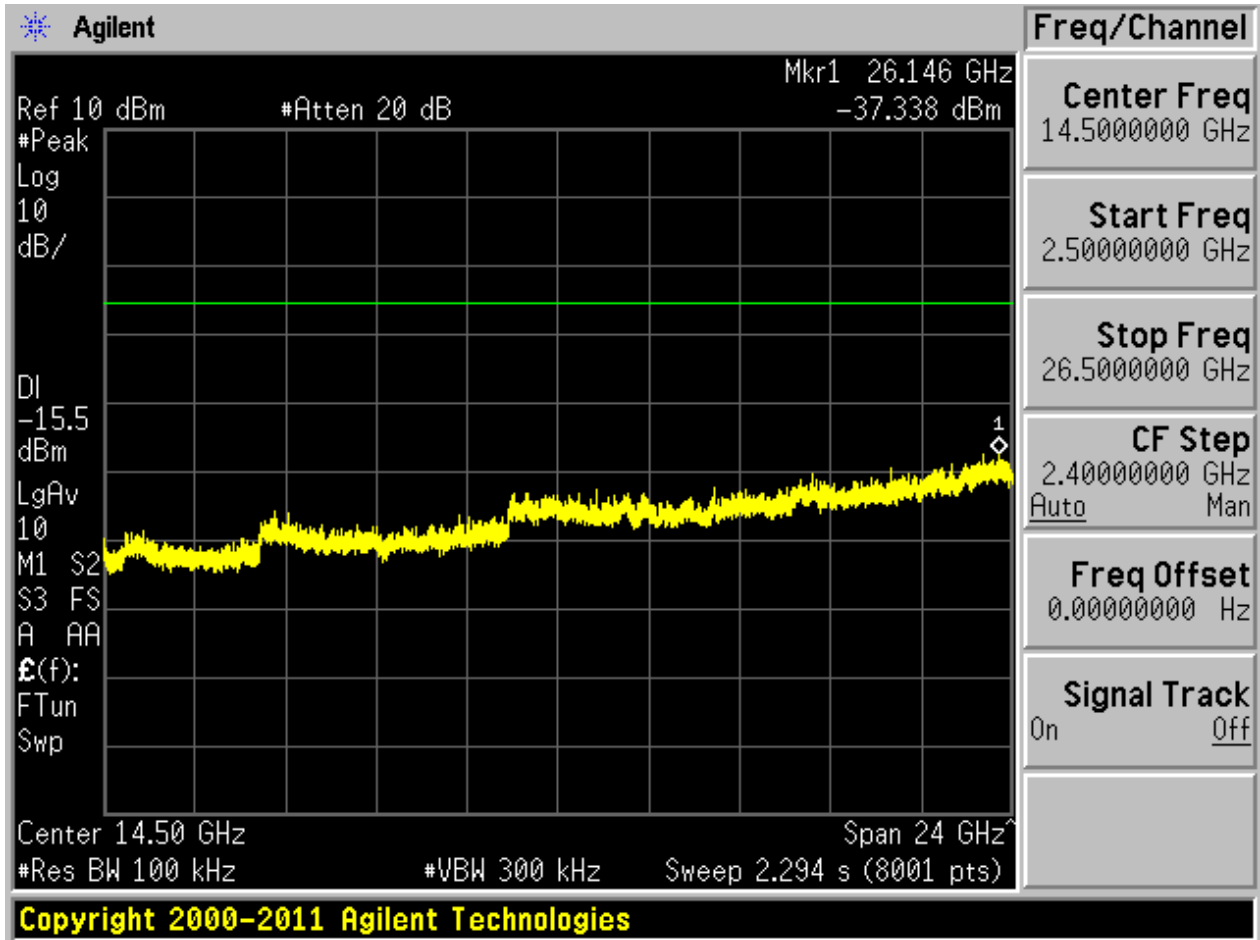






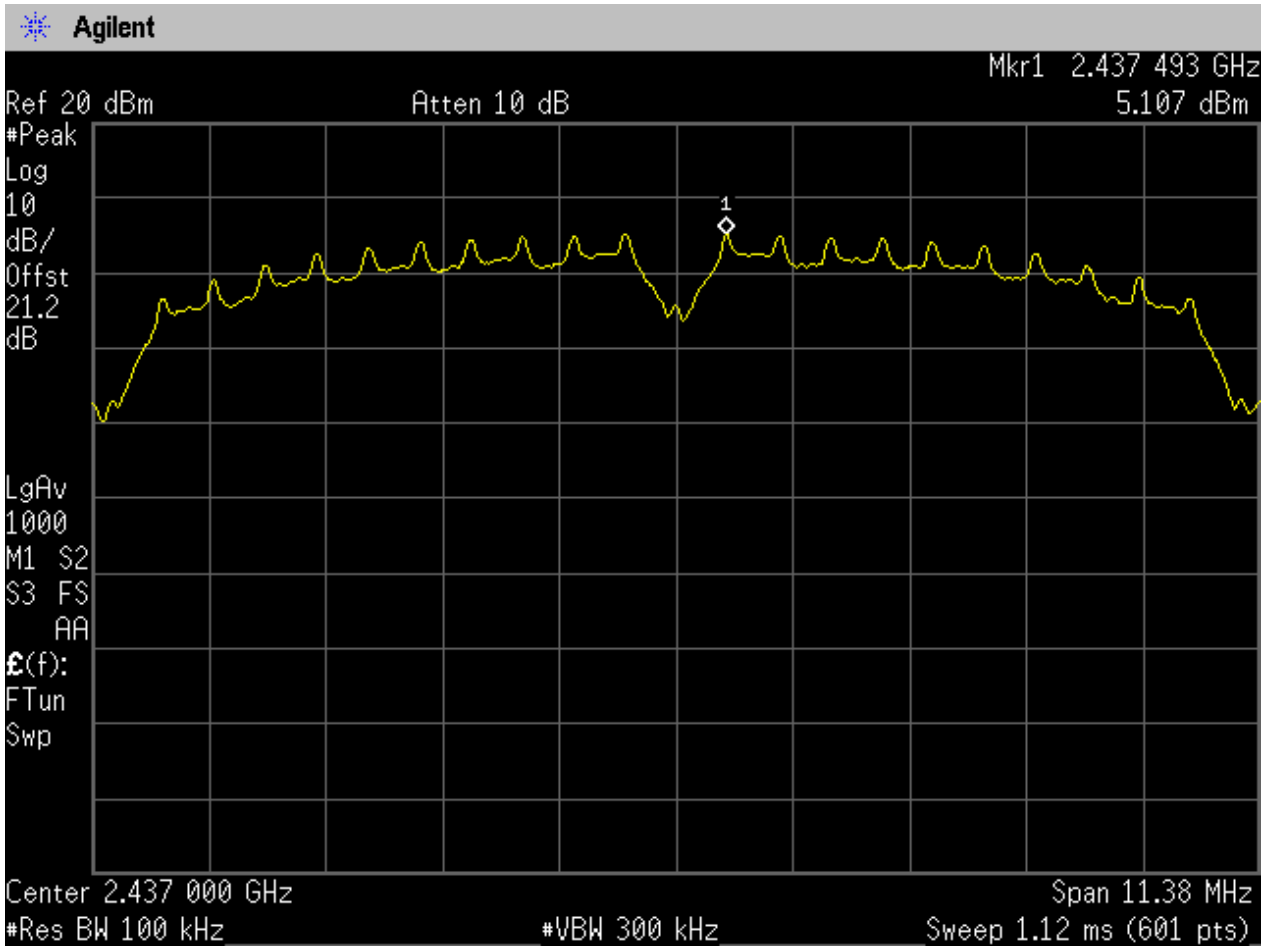




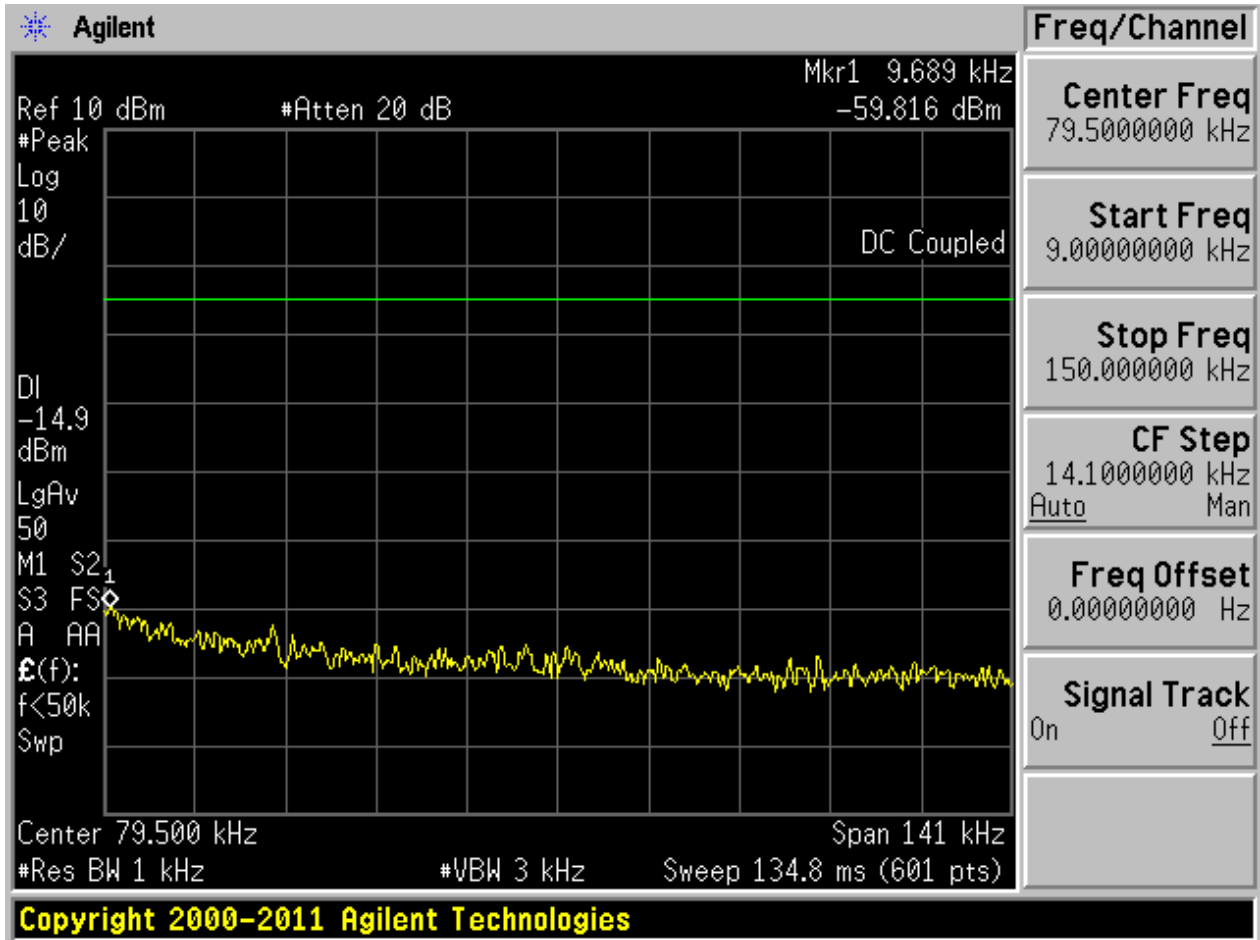


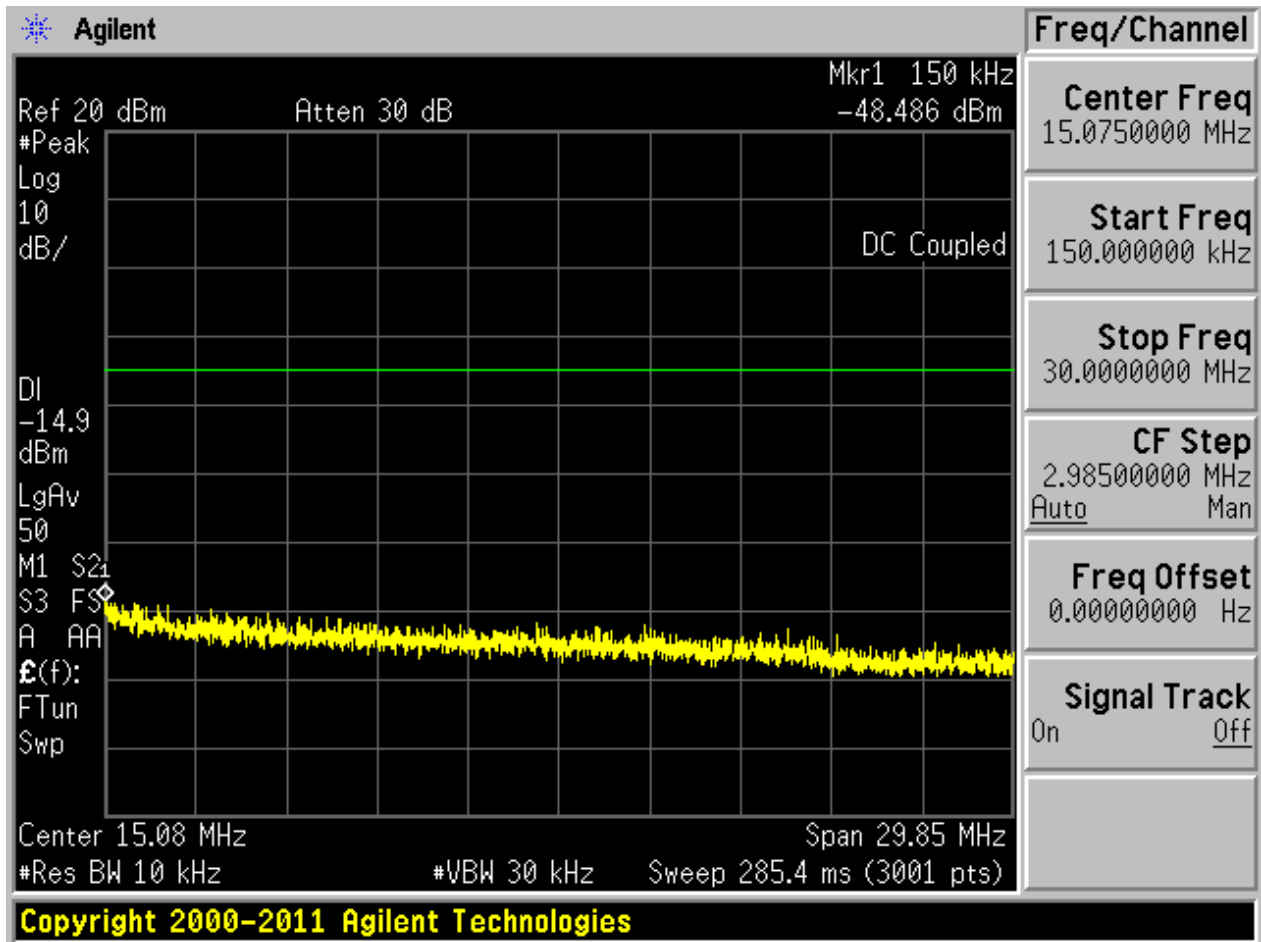
2.3 11B/1_M@1

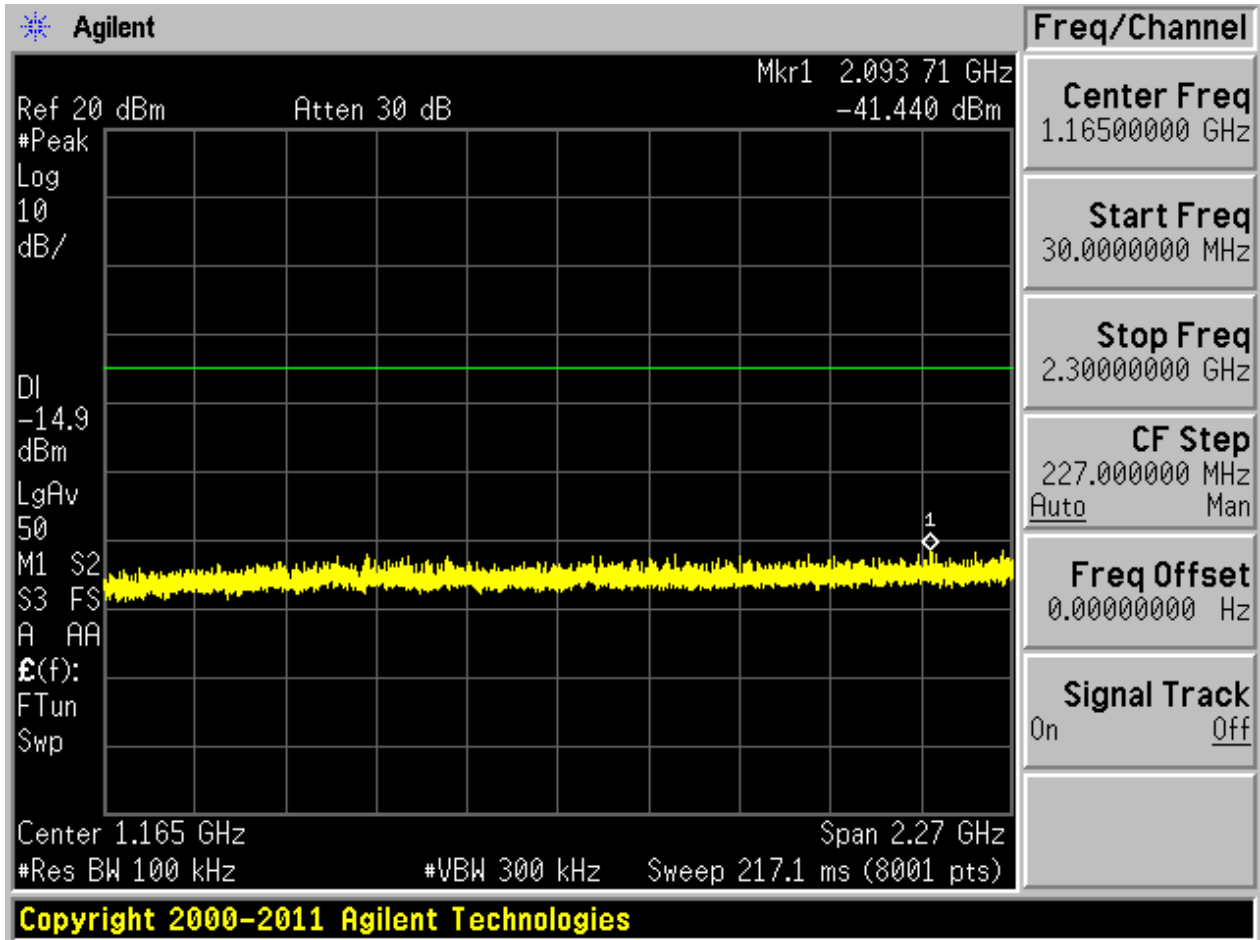
2.3.1 Pref

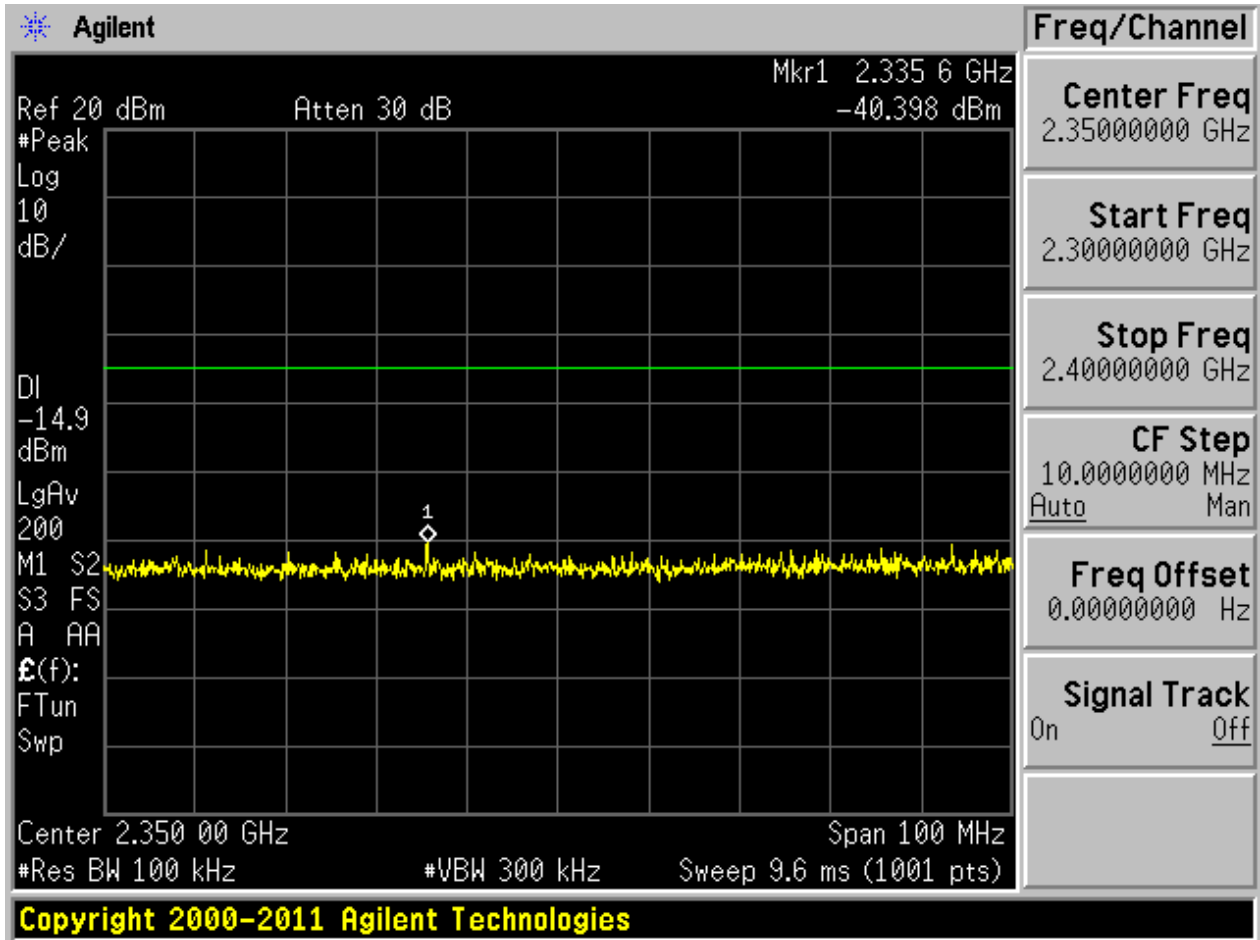


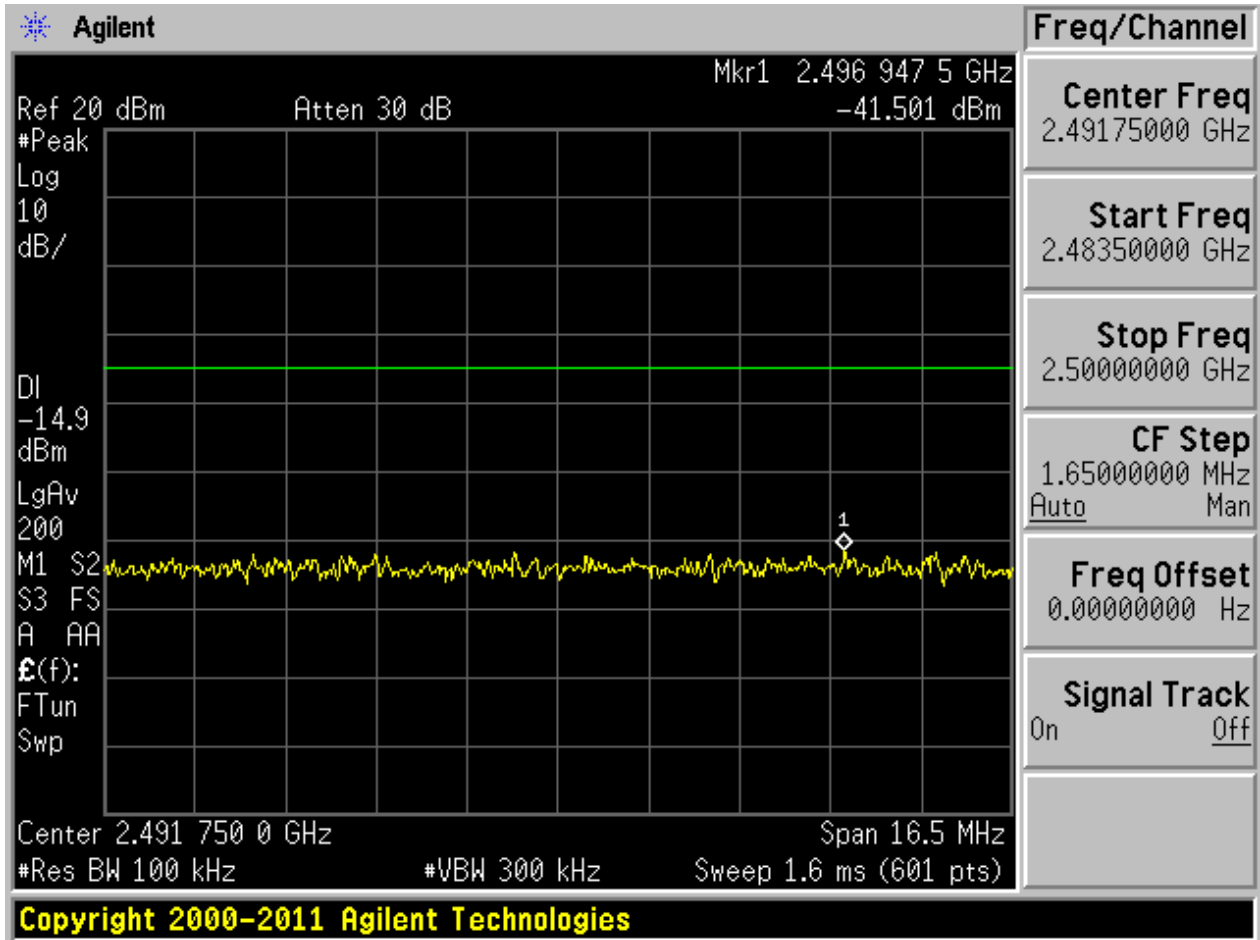
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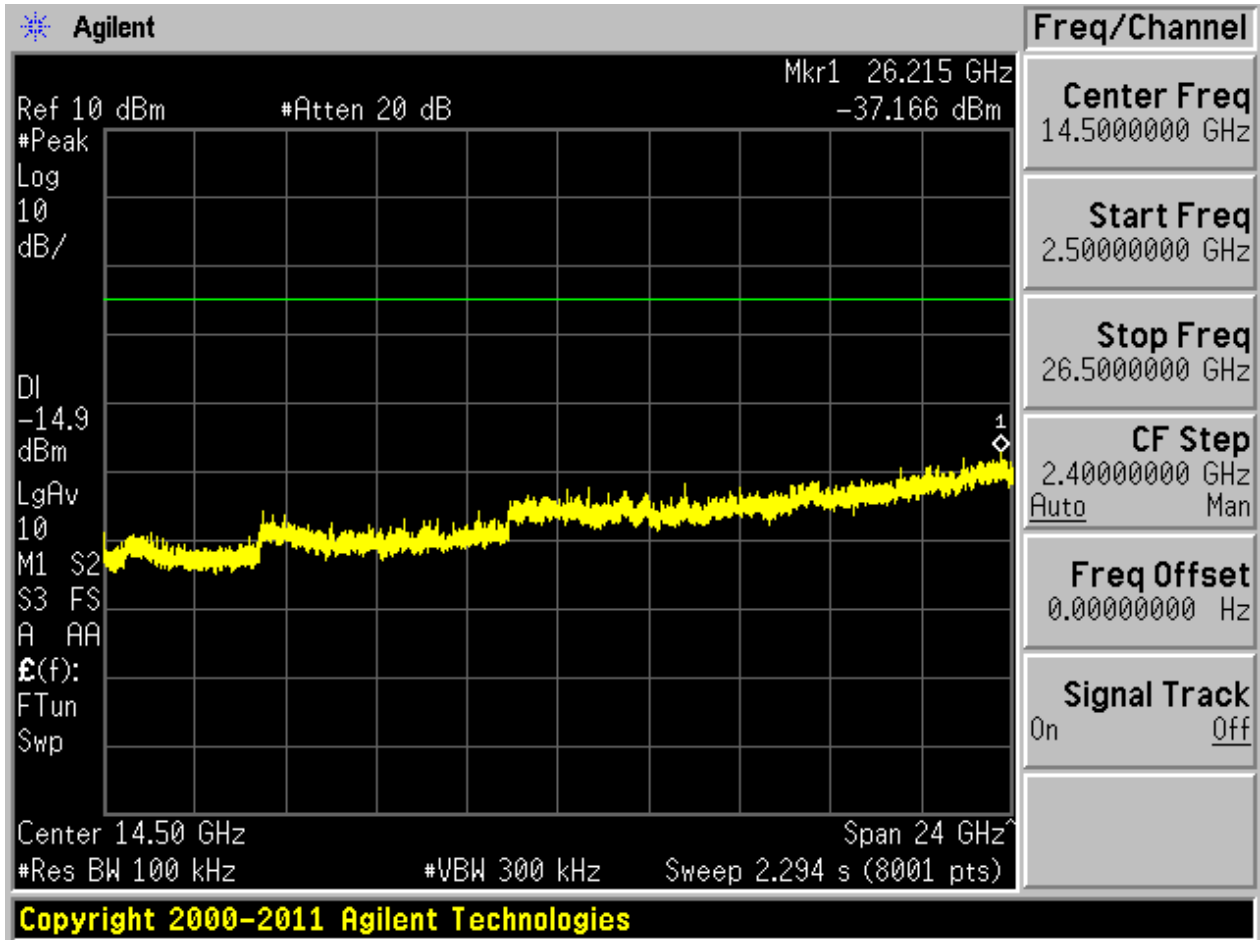






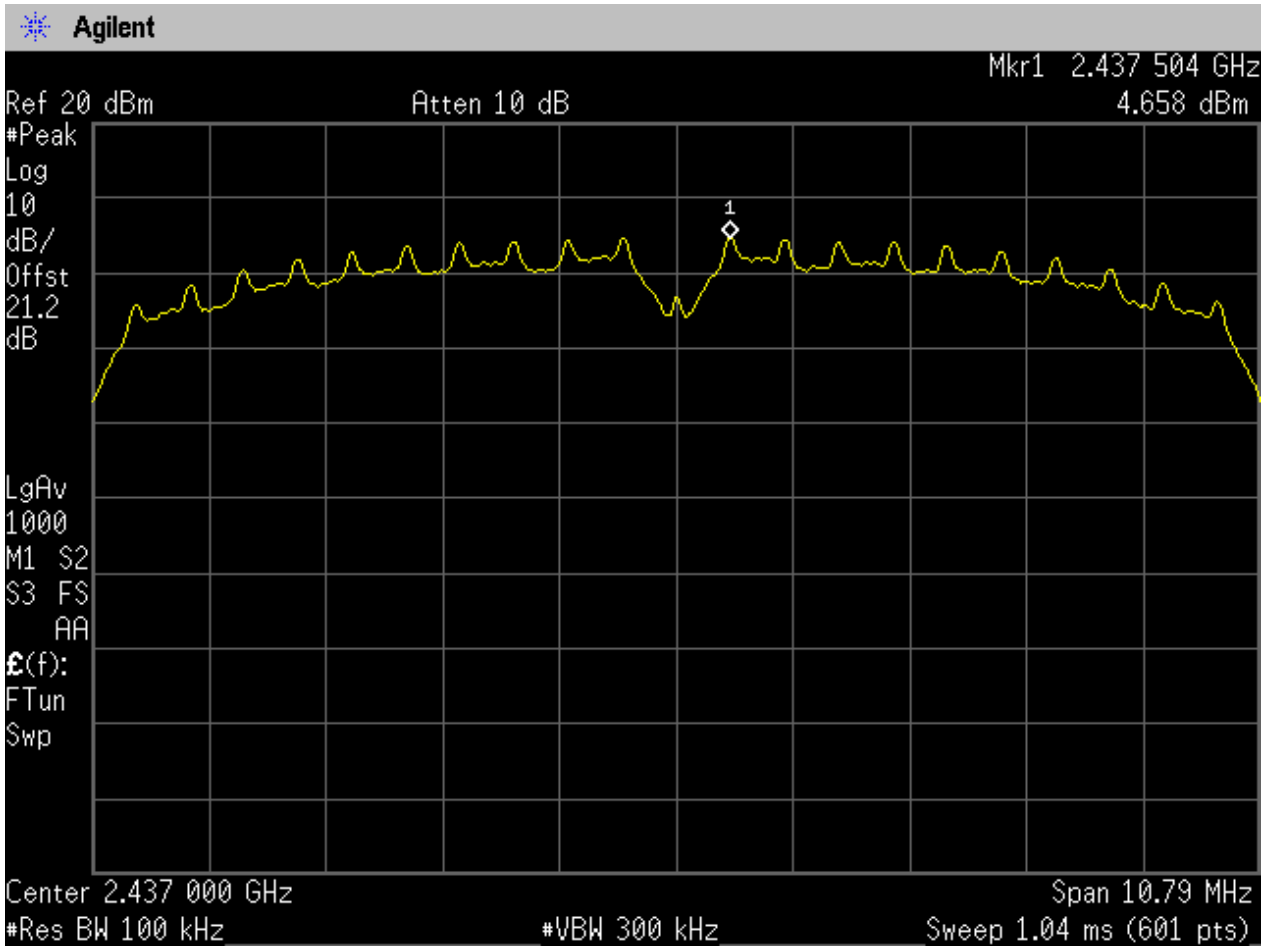




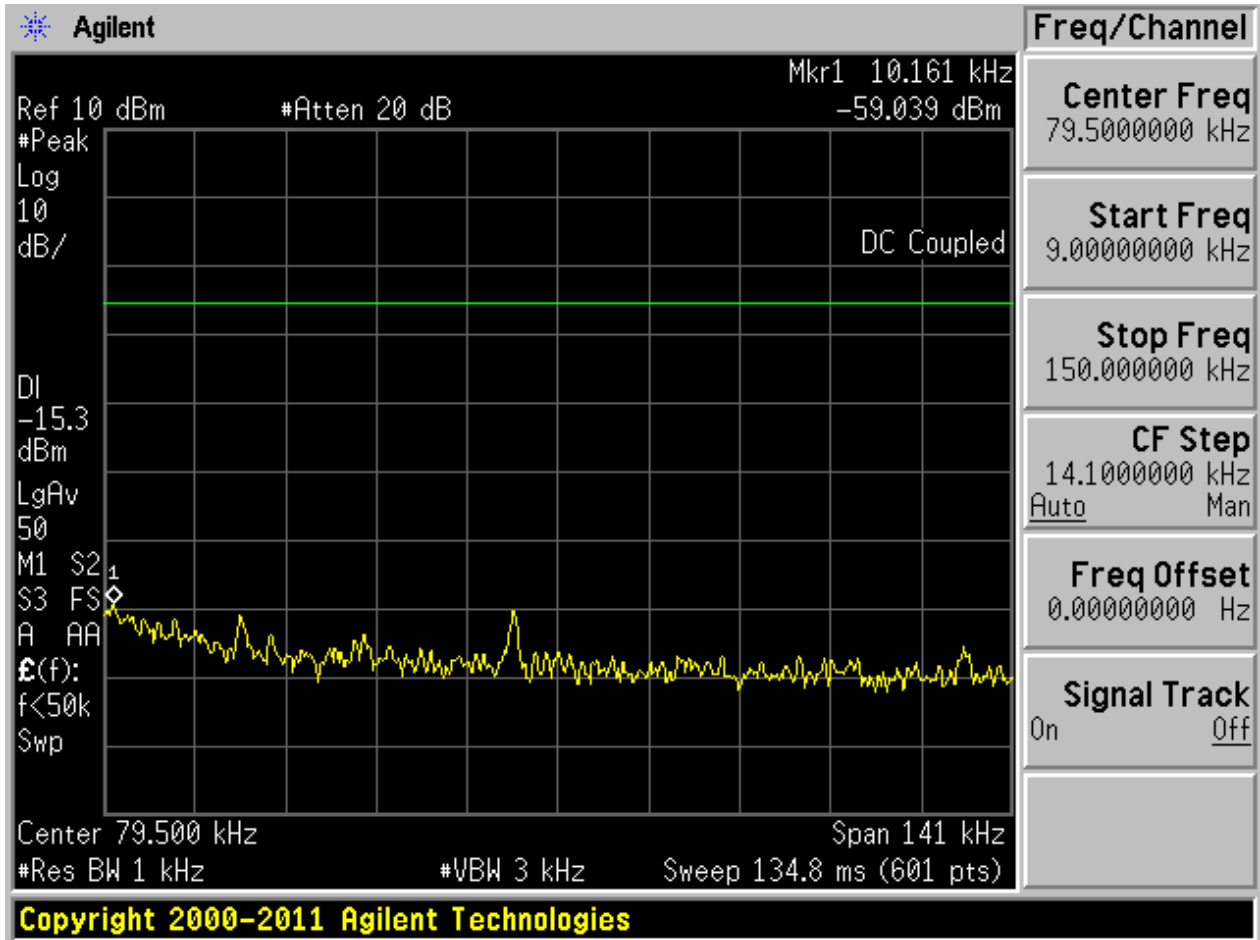


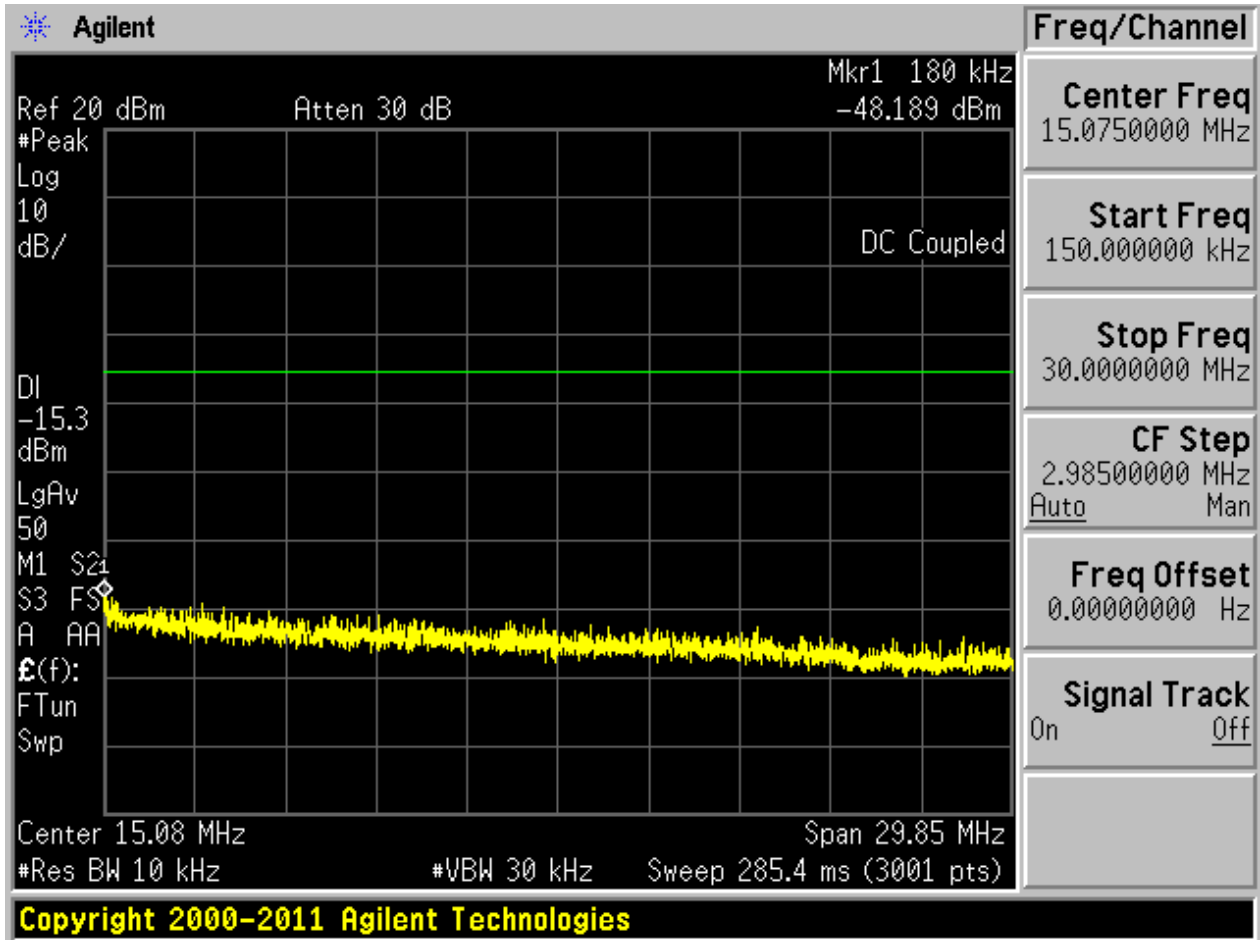
2.4 11B/1_M@2

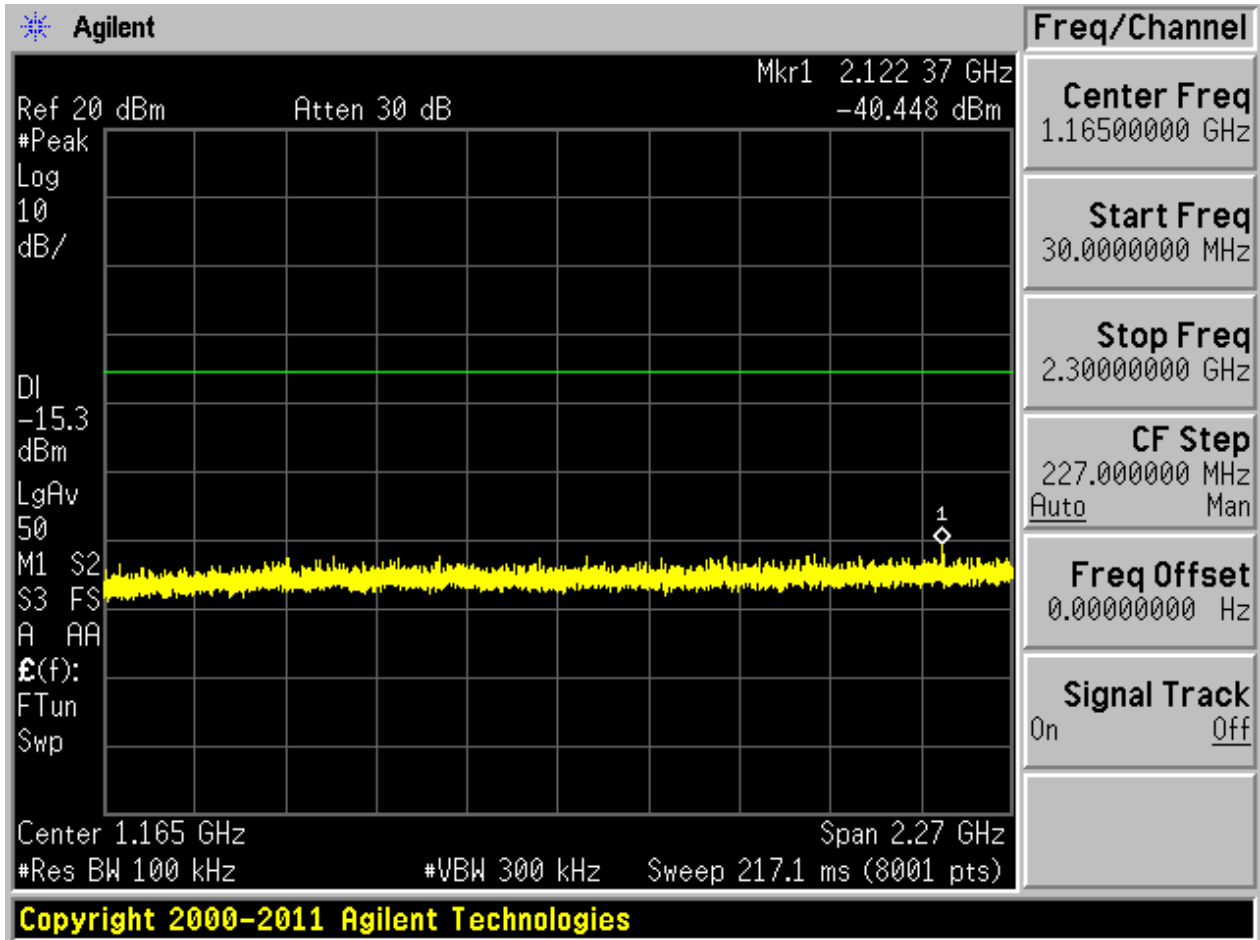
2.4.1 Pref

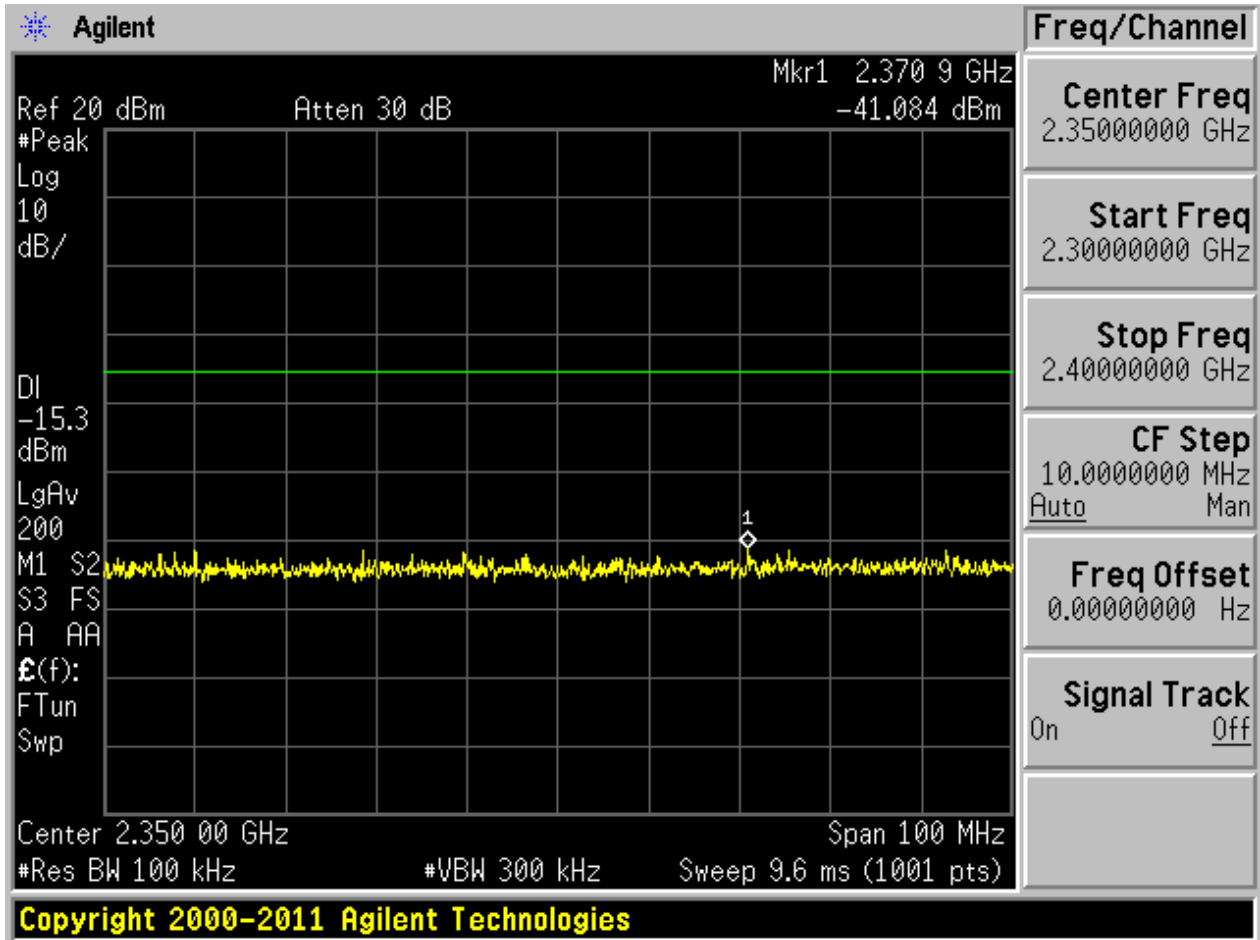


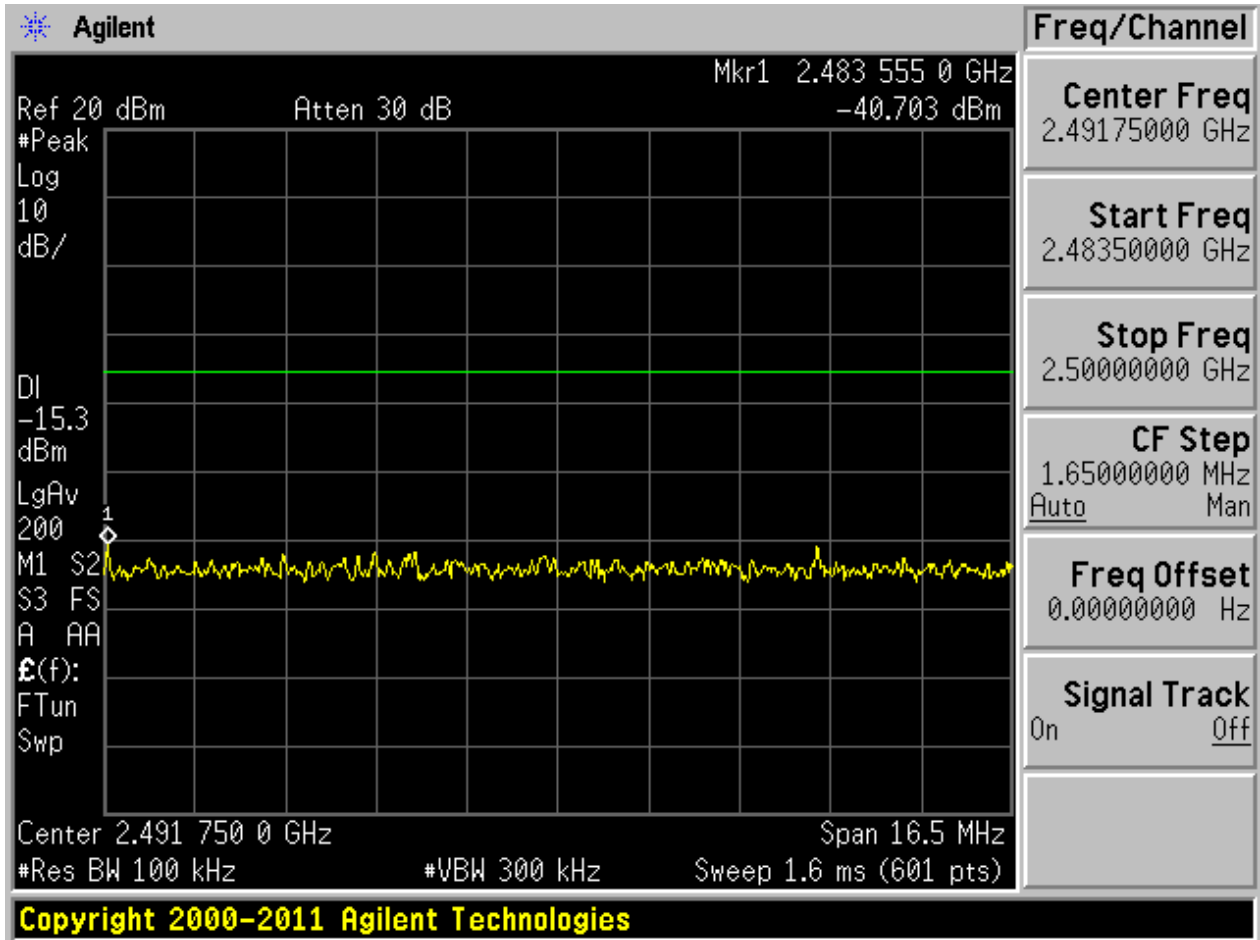
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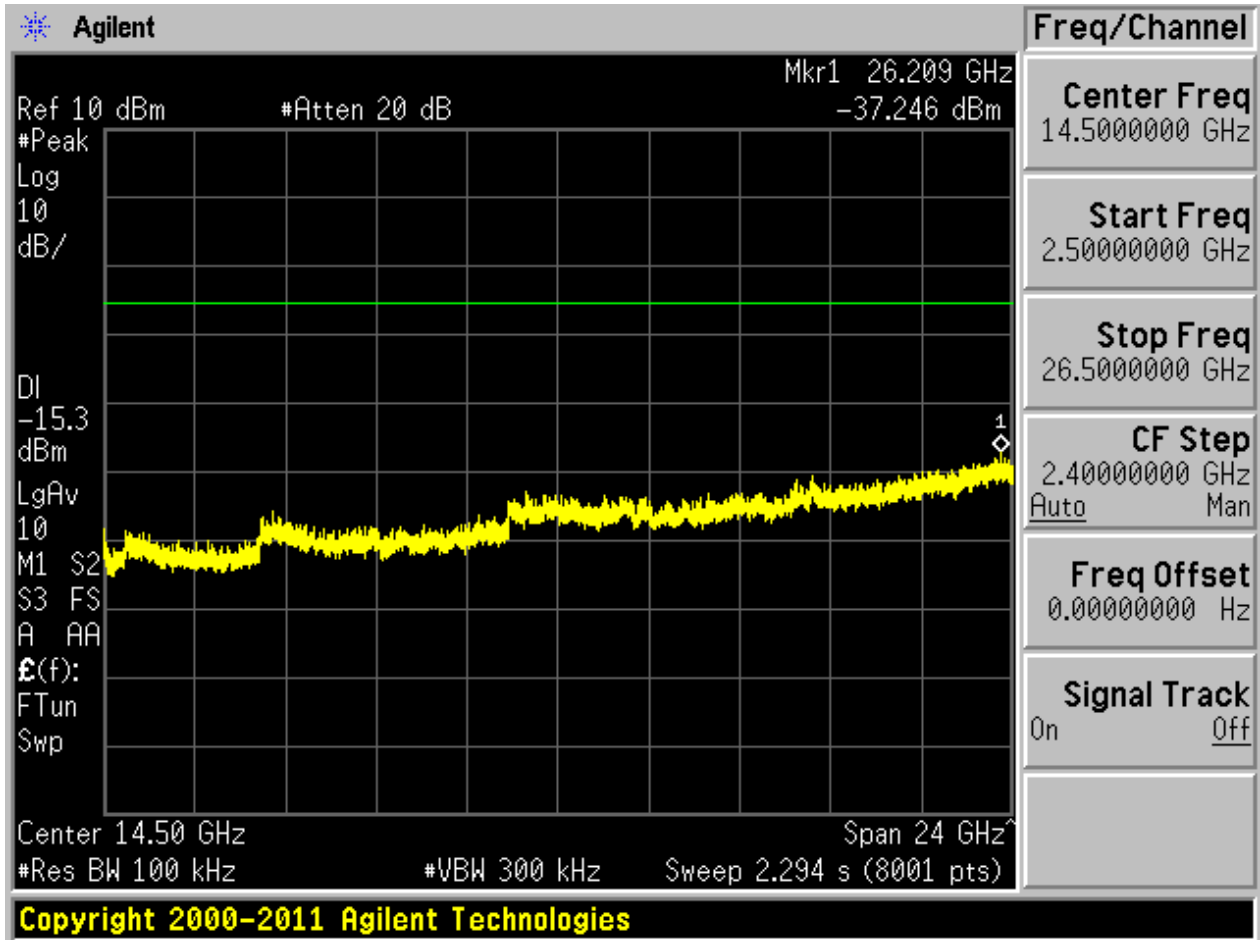






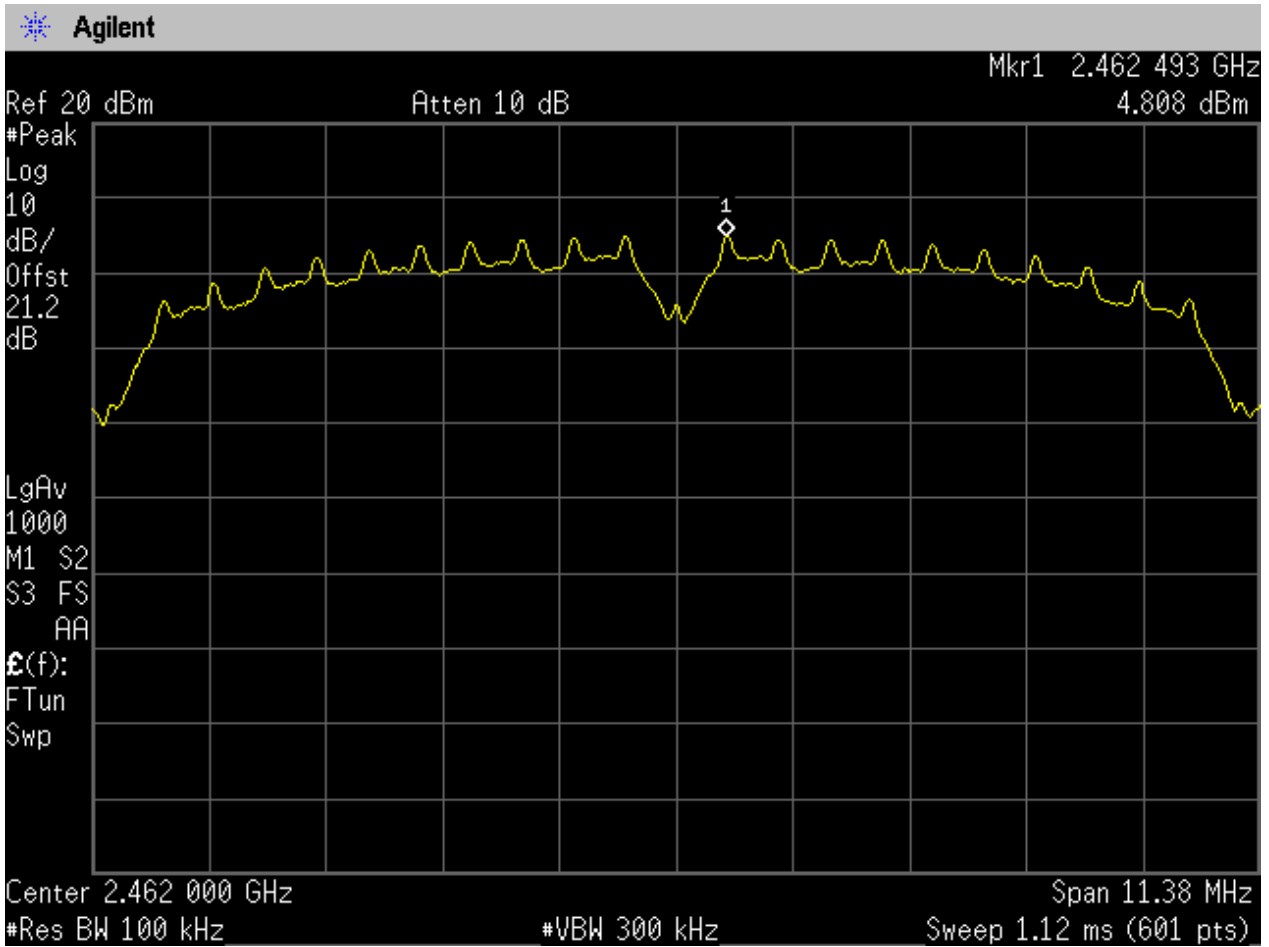




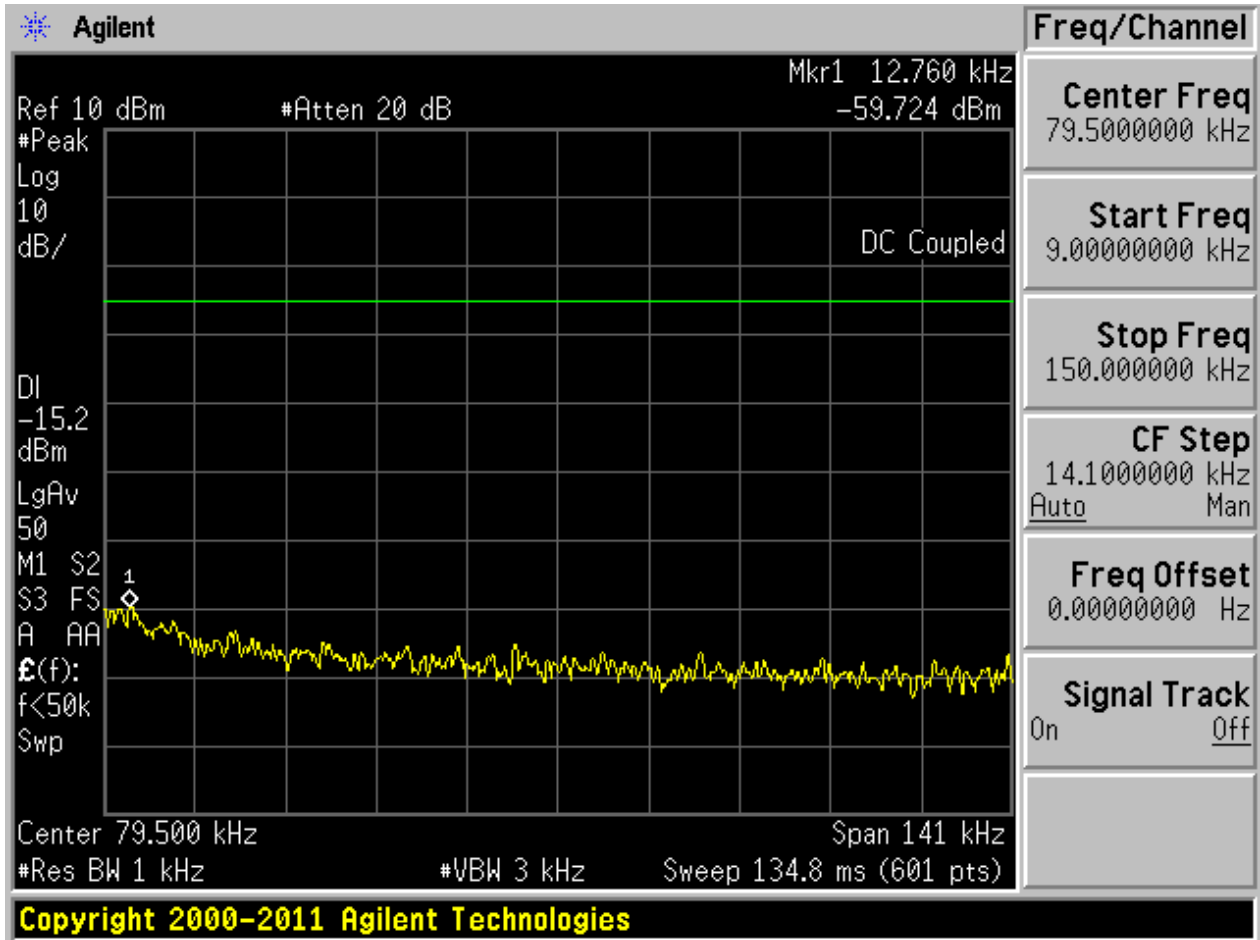


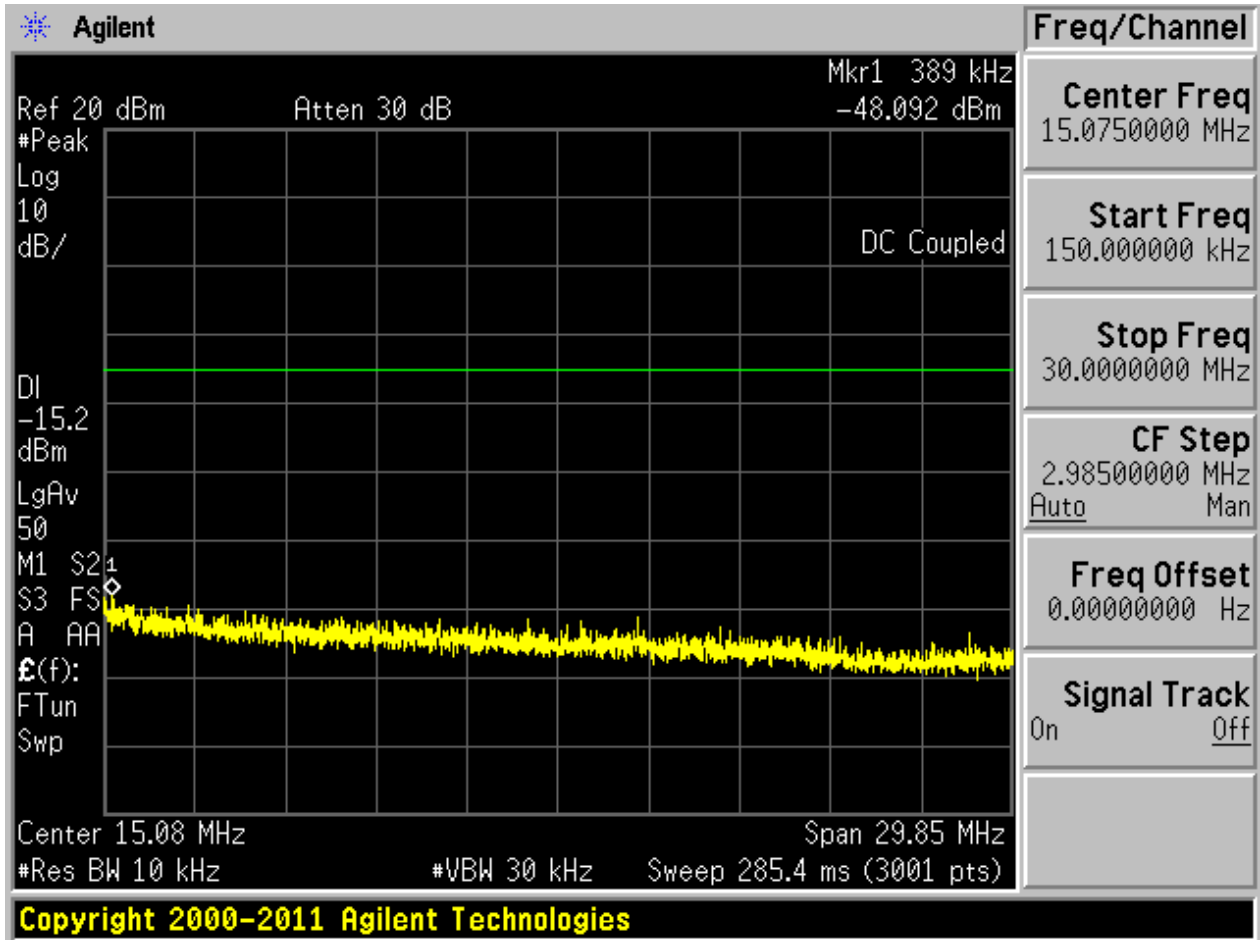
2.5 11B/1_T@1

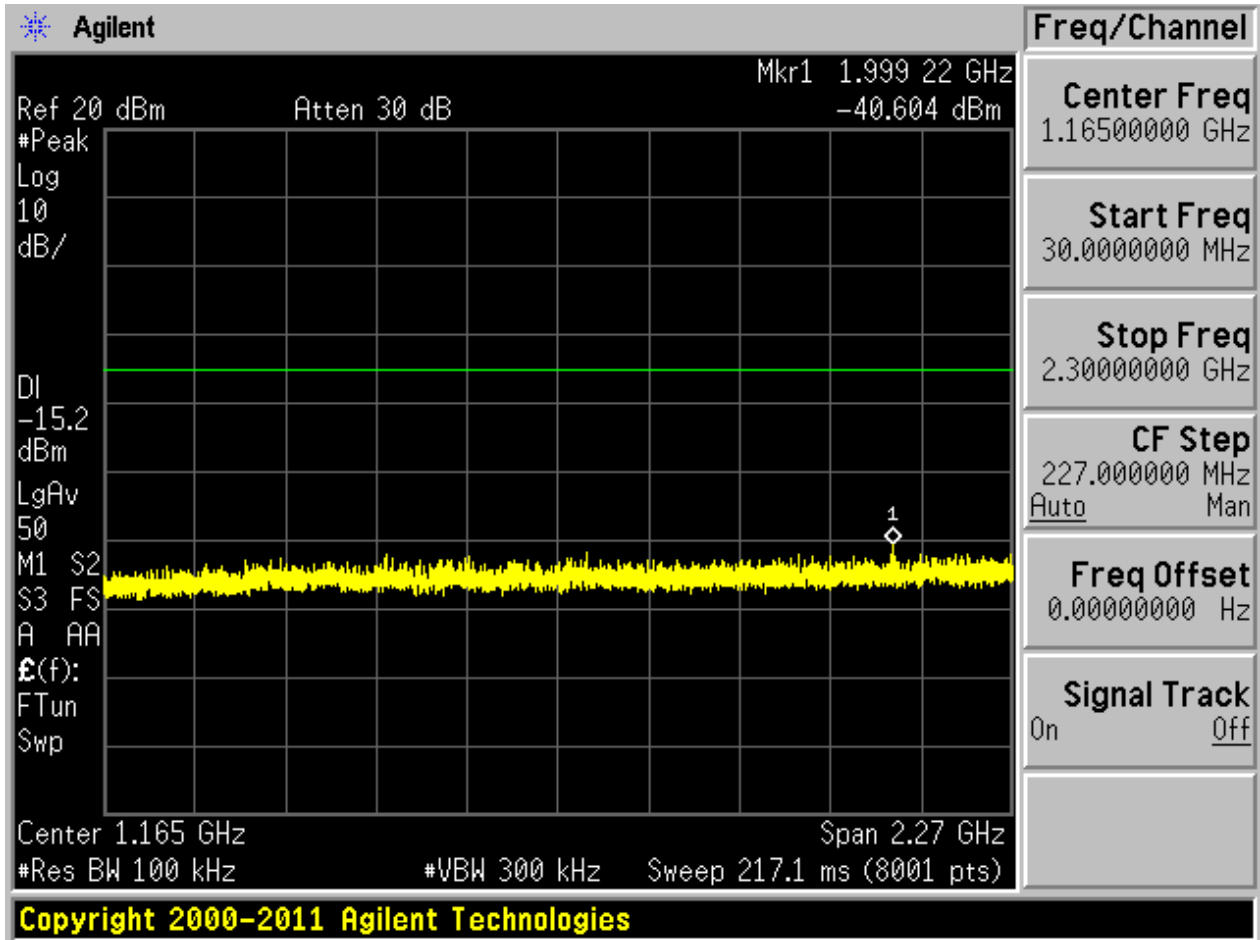
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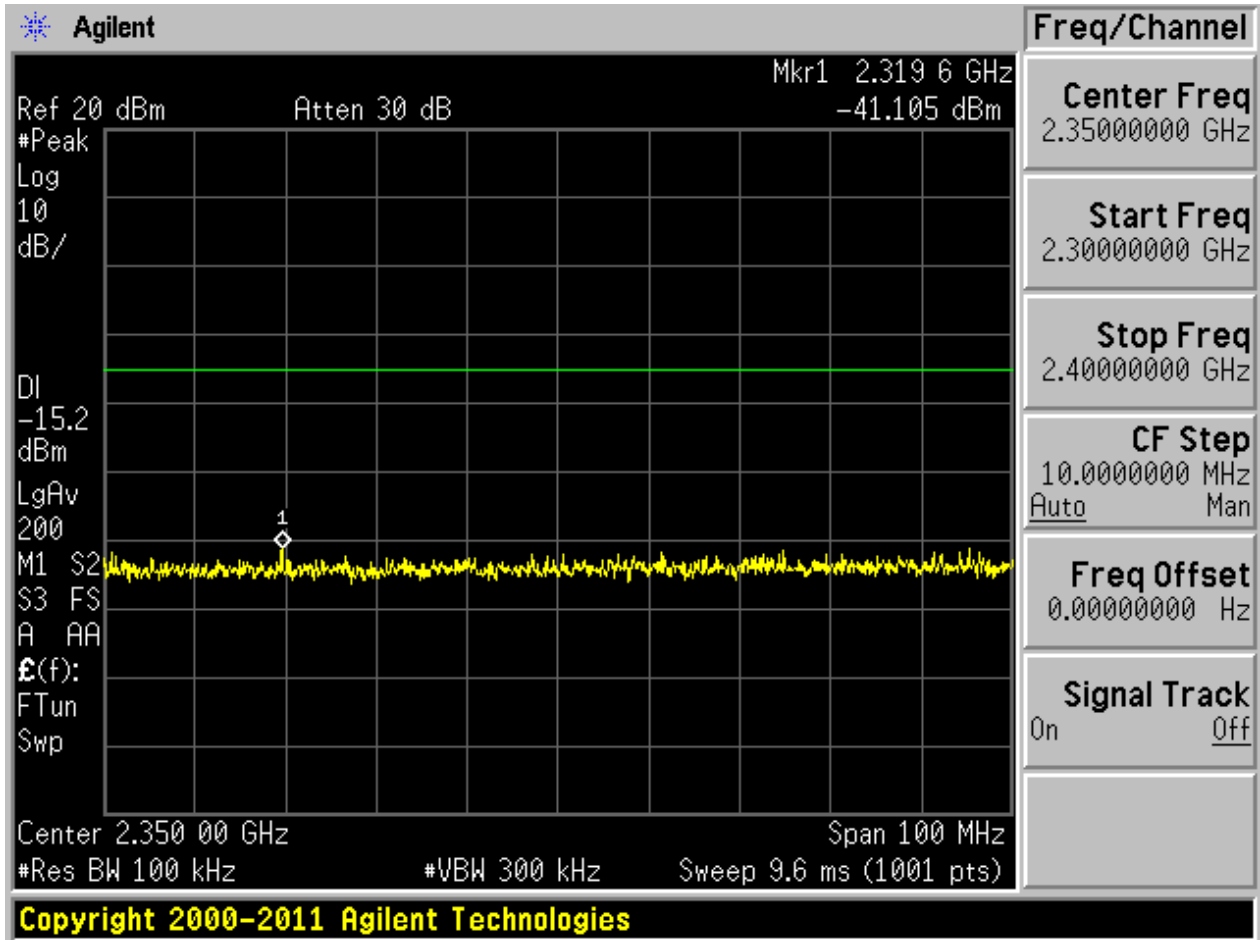


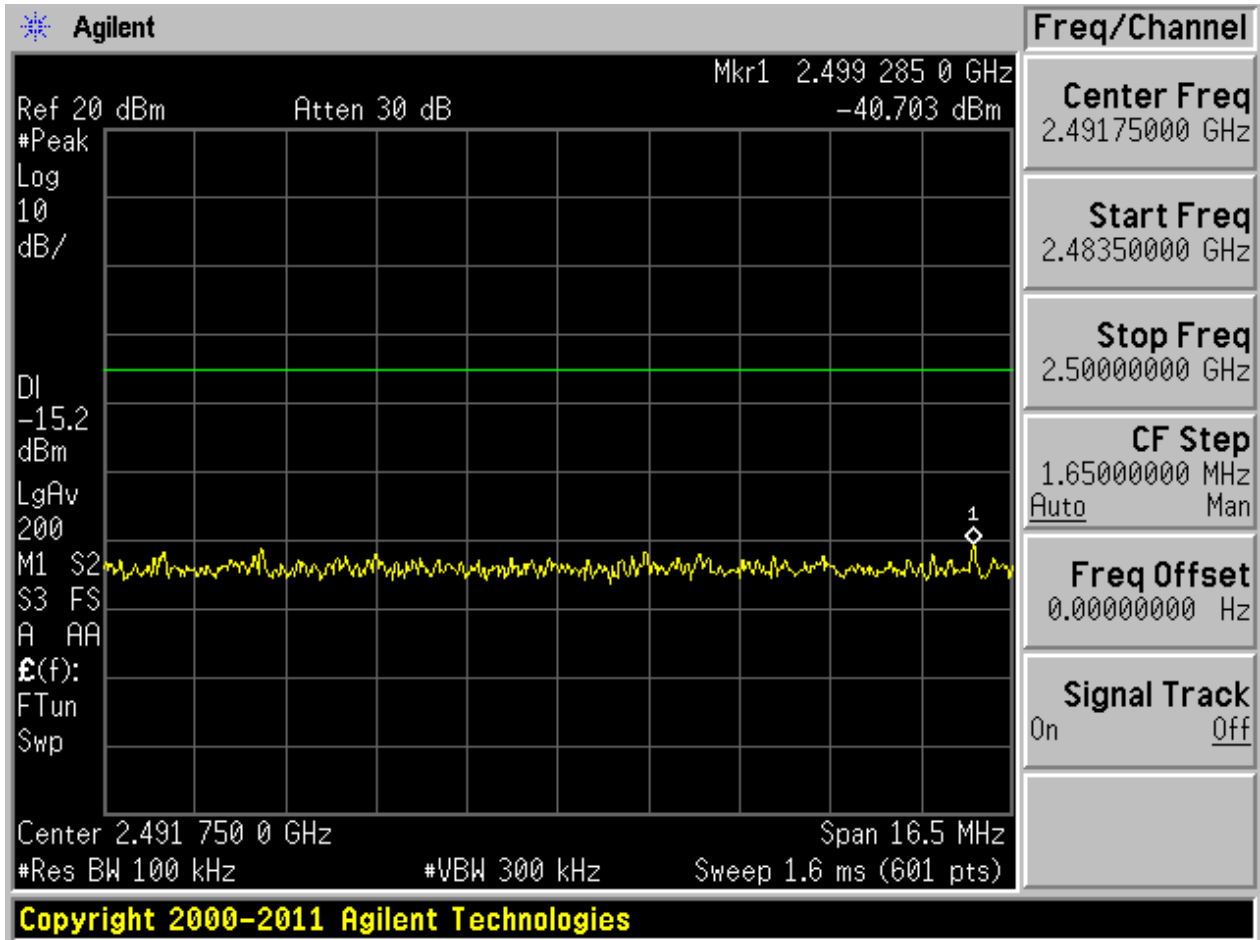
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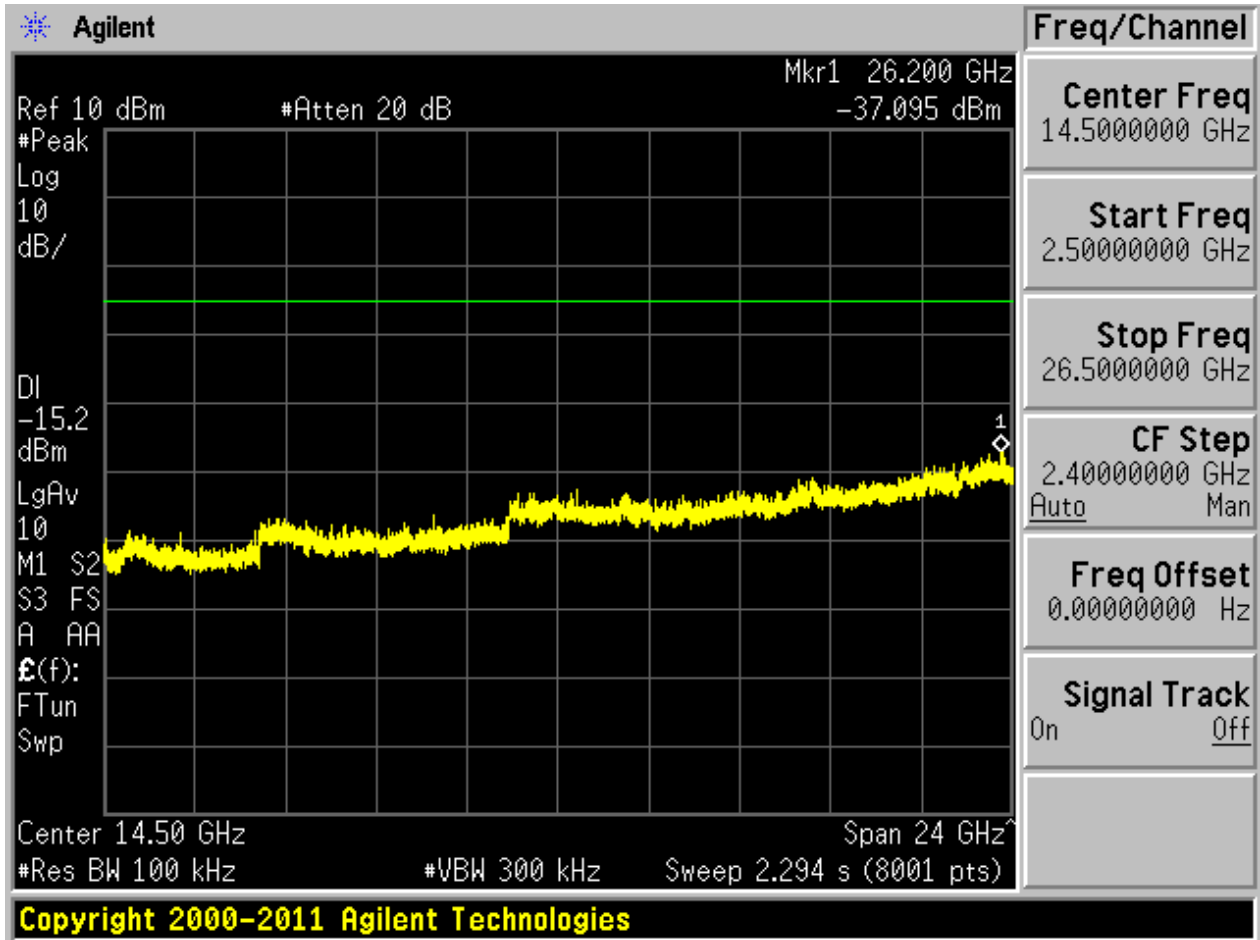






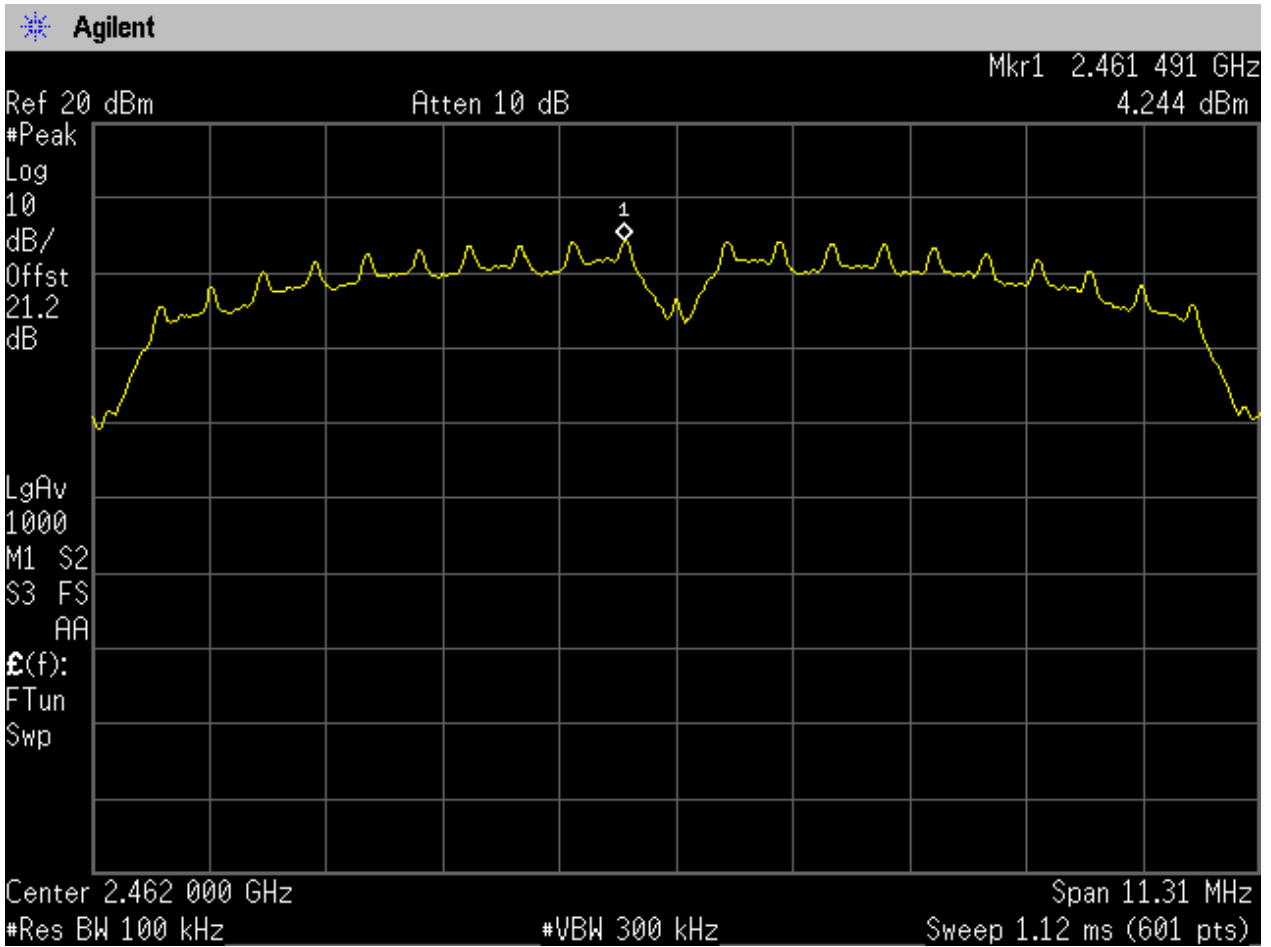




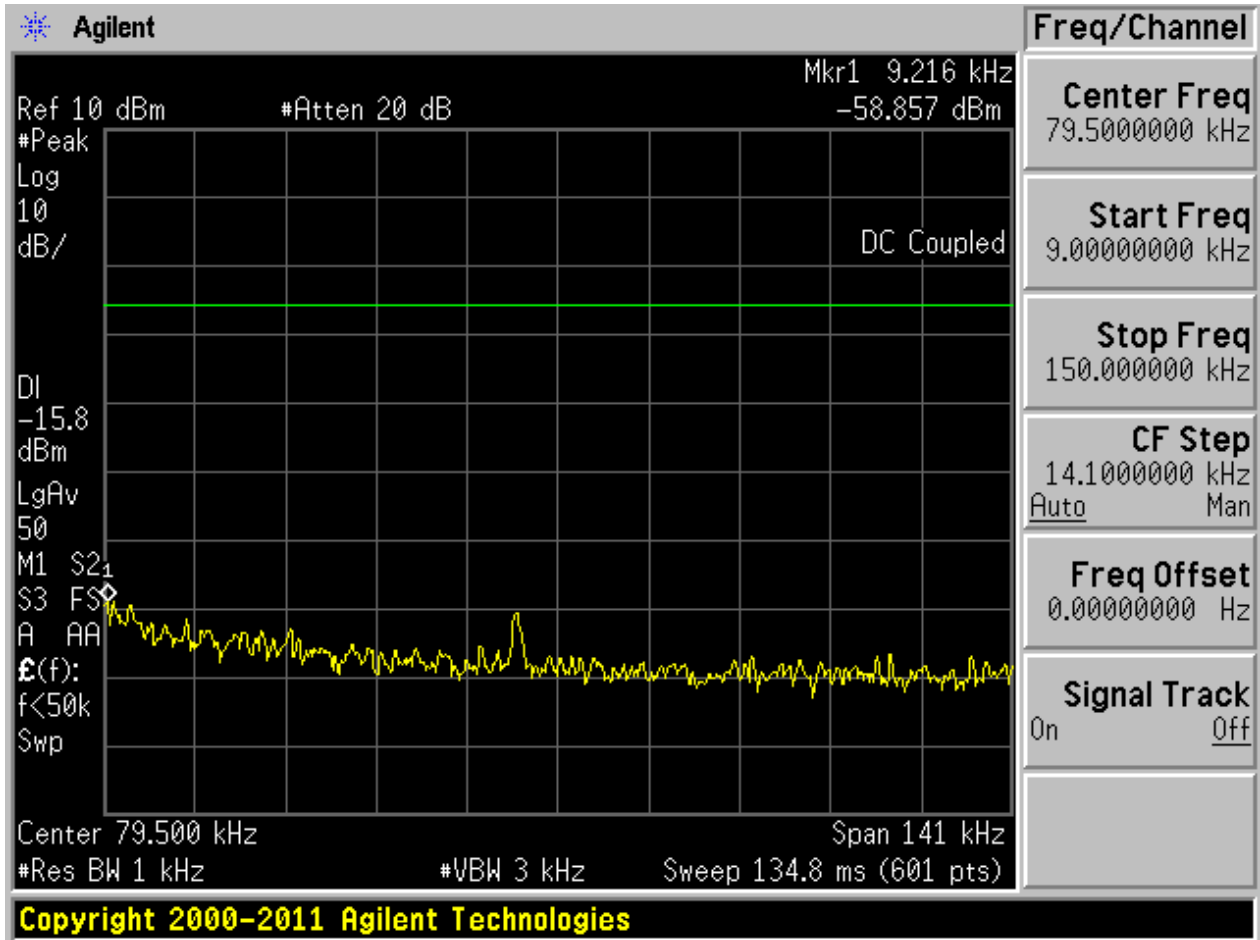


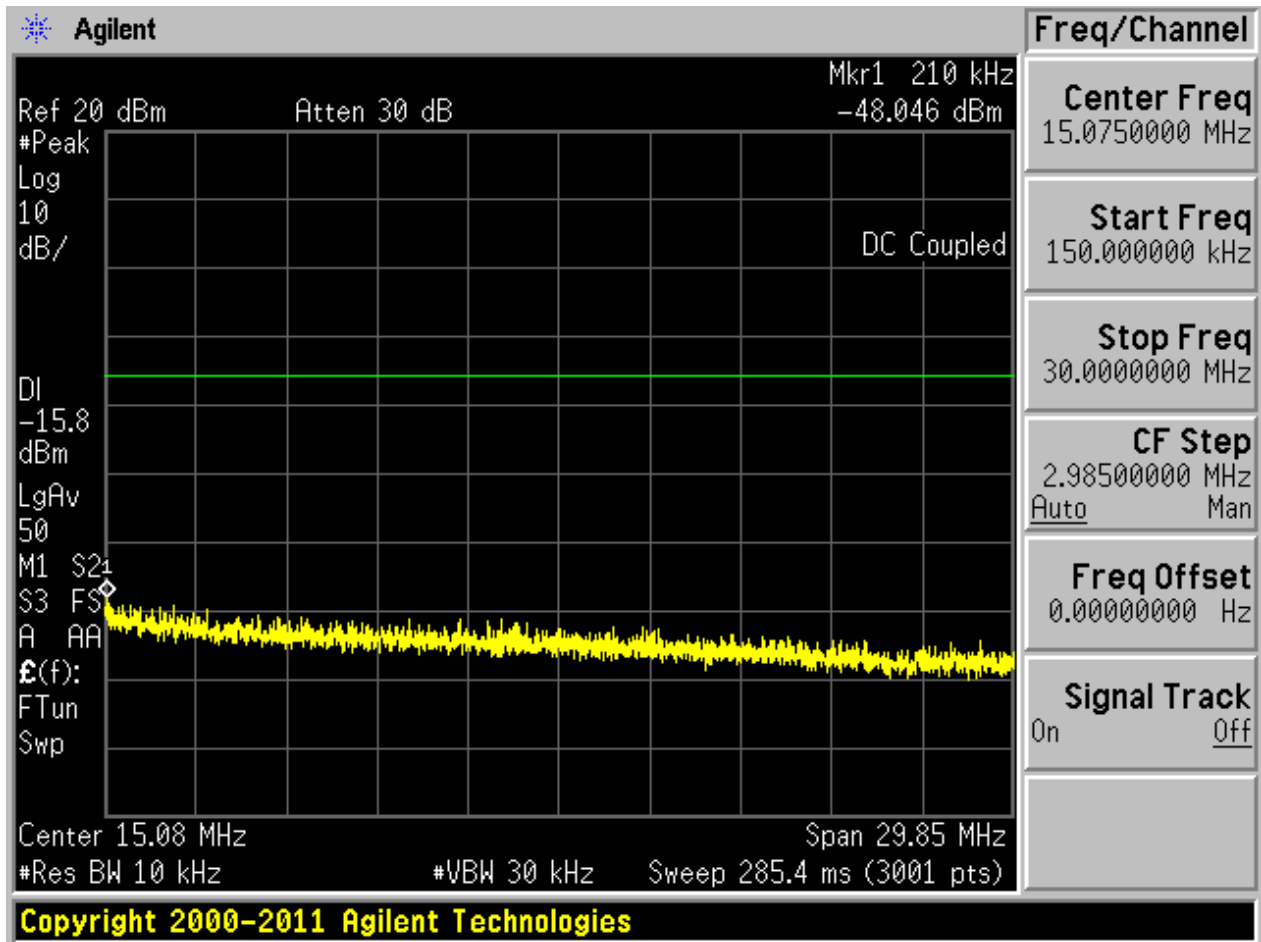
2.6 11B/1_T@2

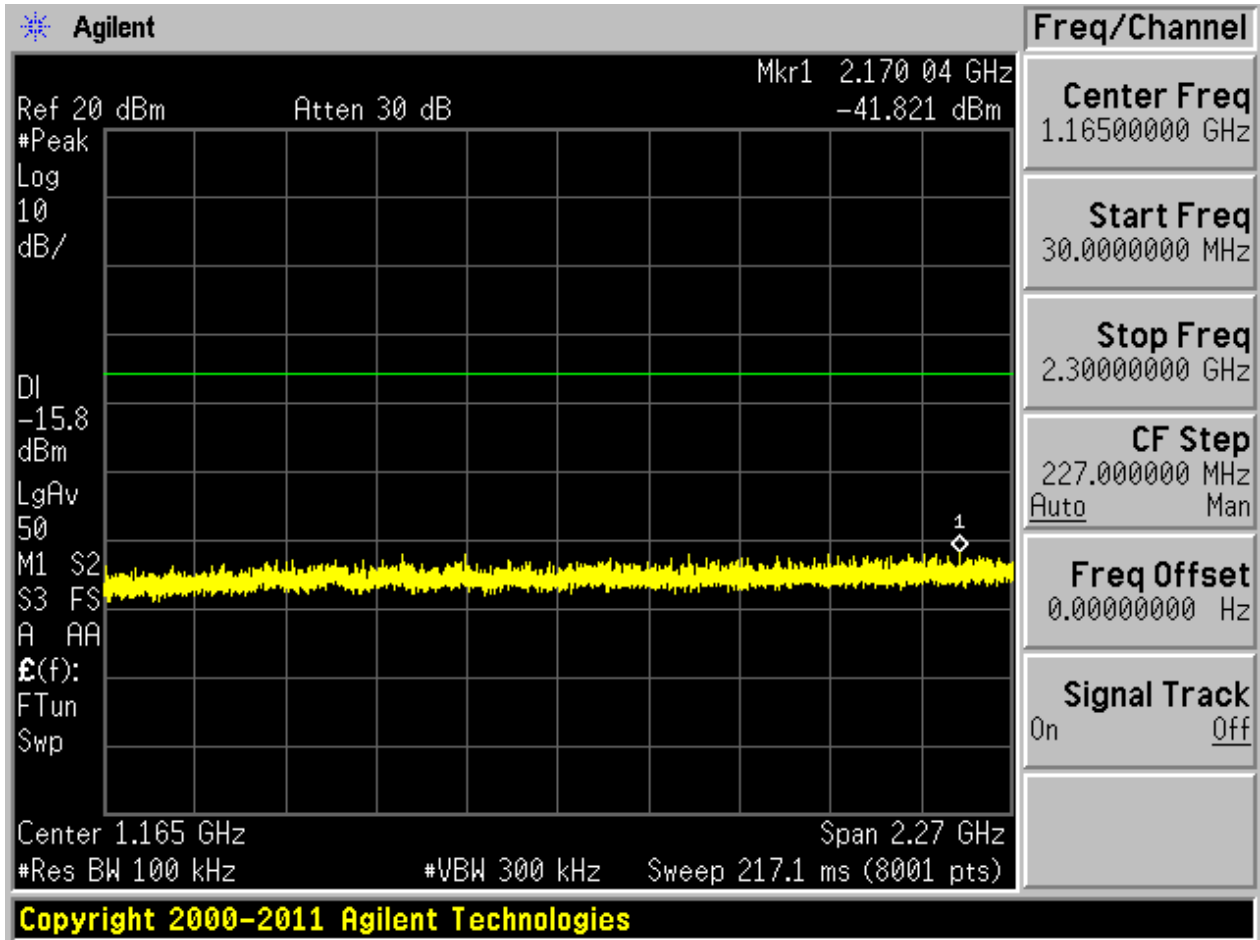
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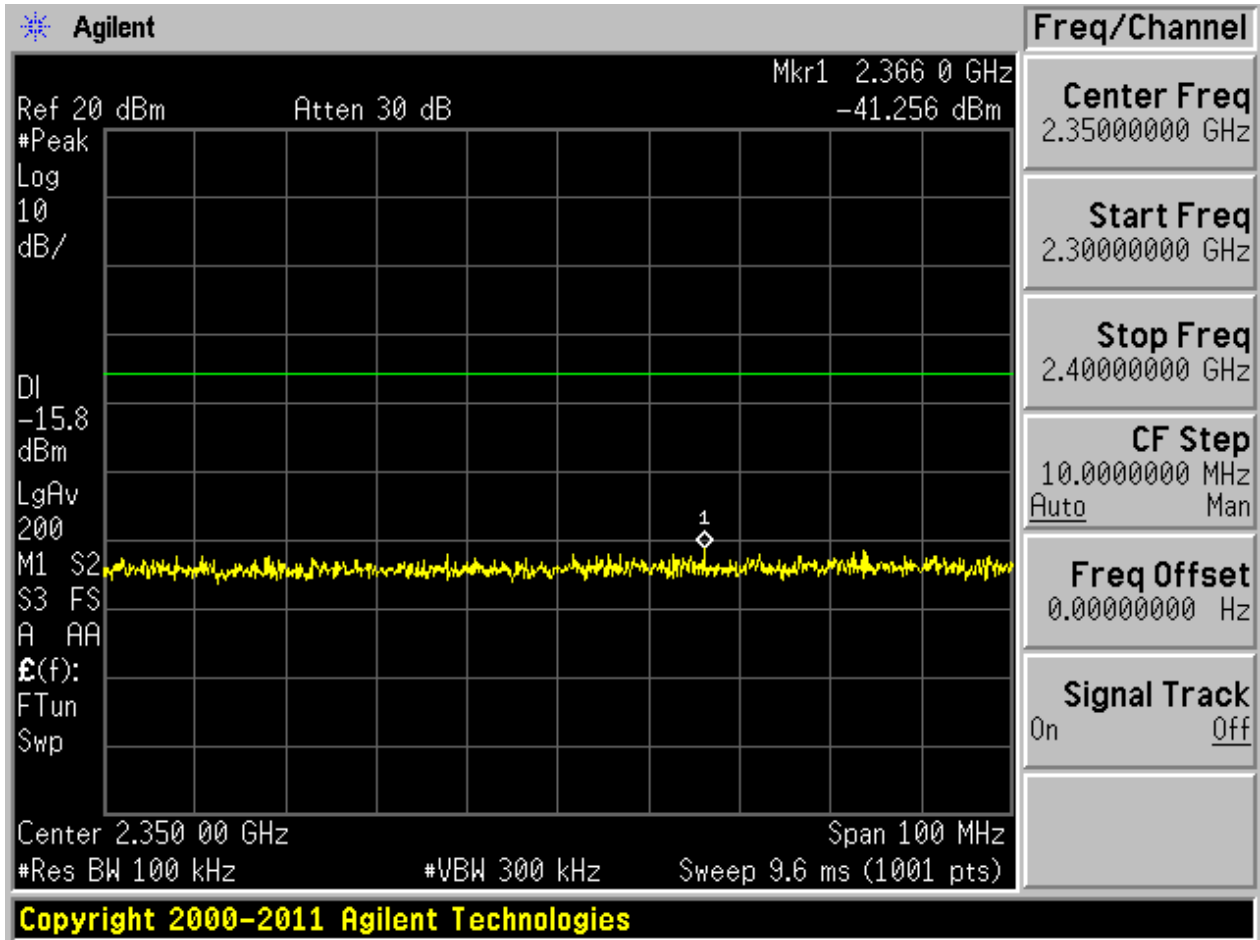


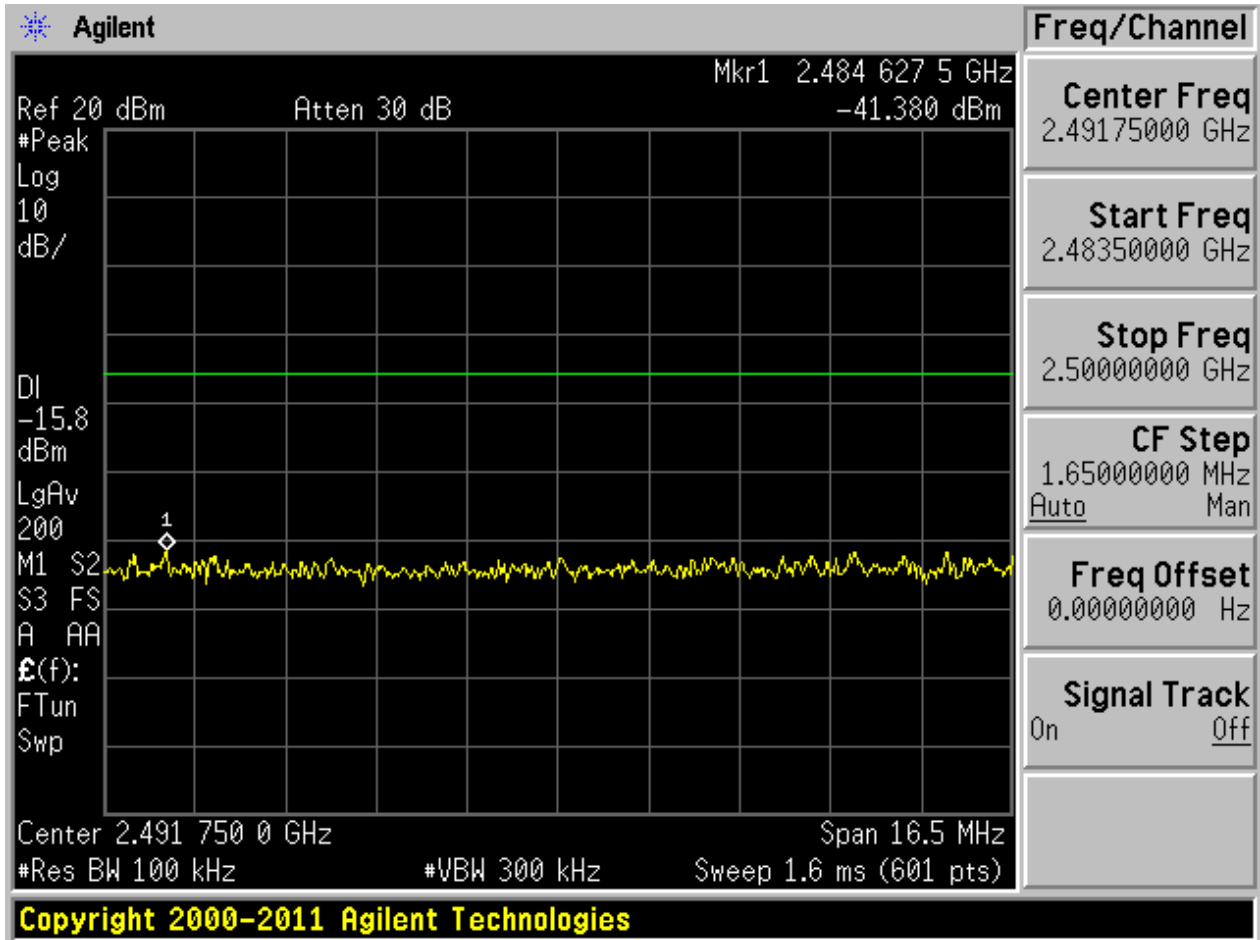
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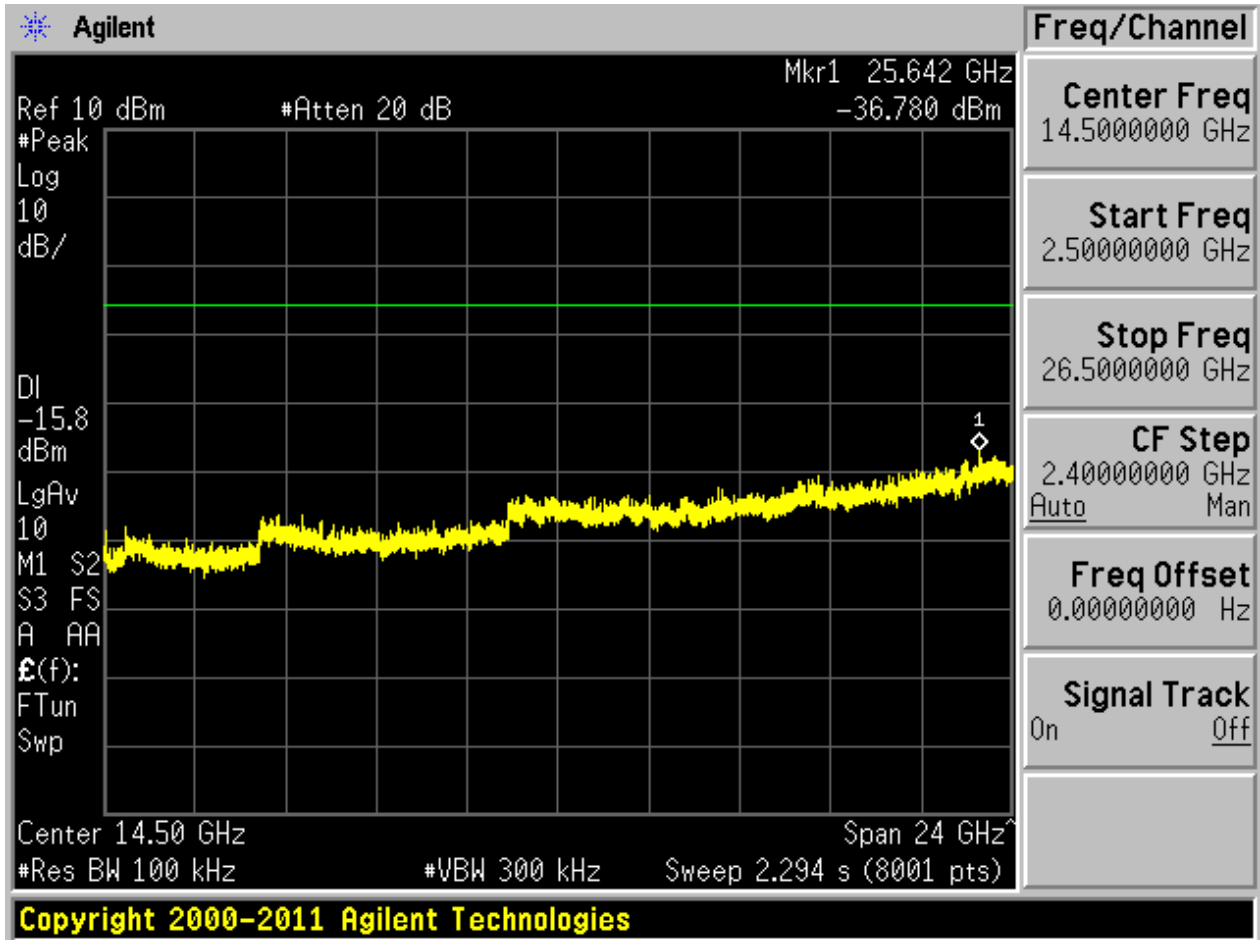






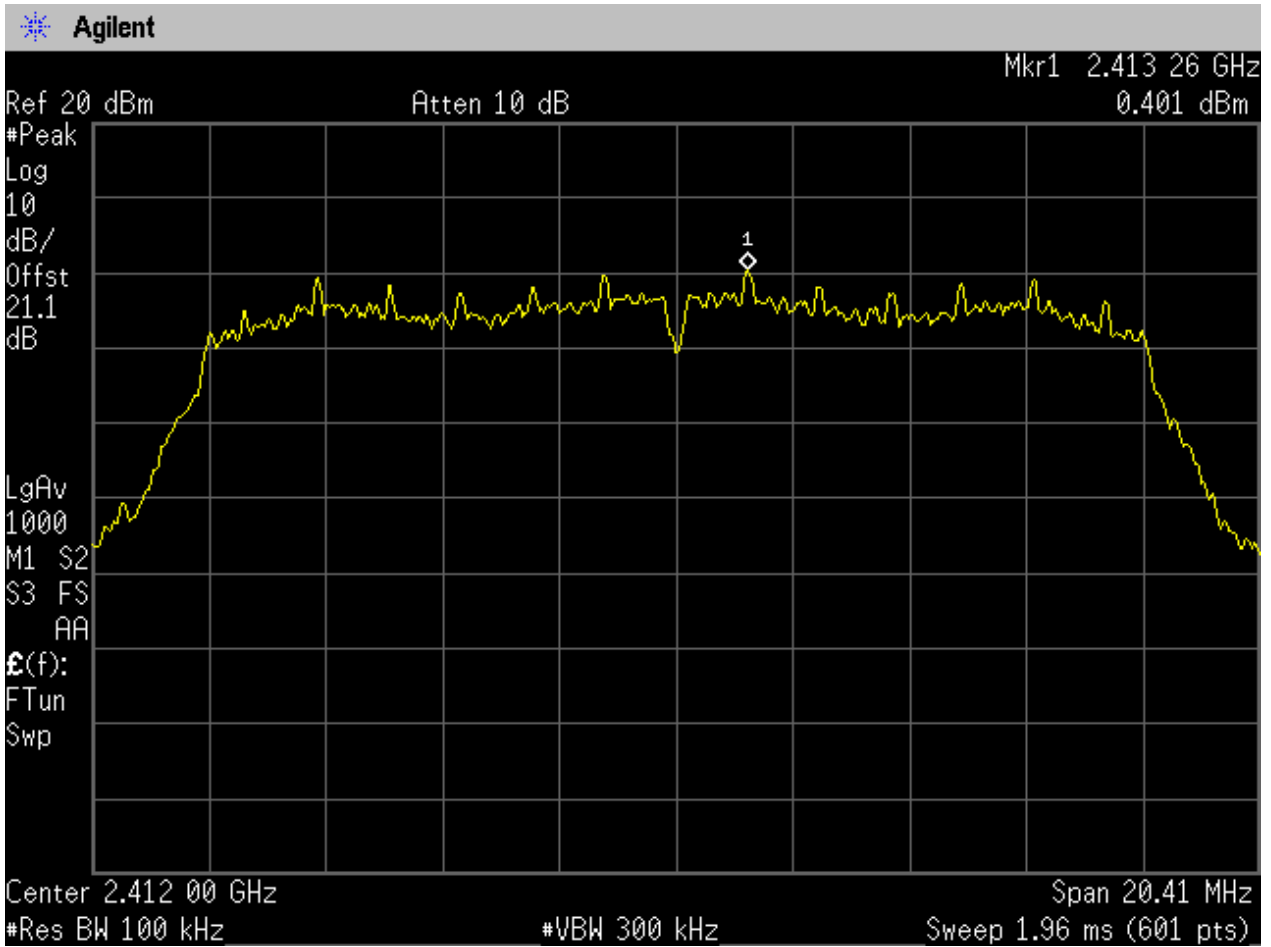




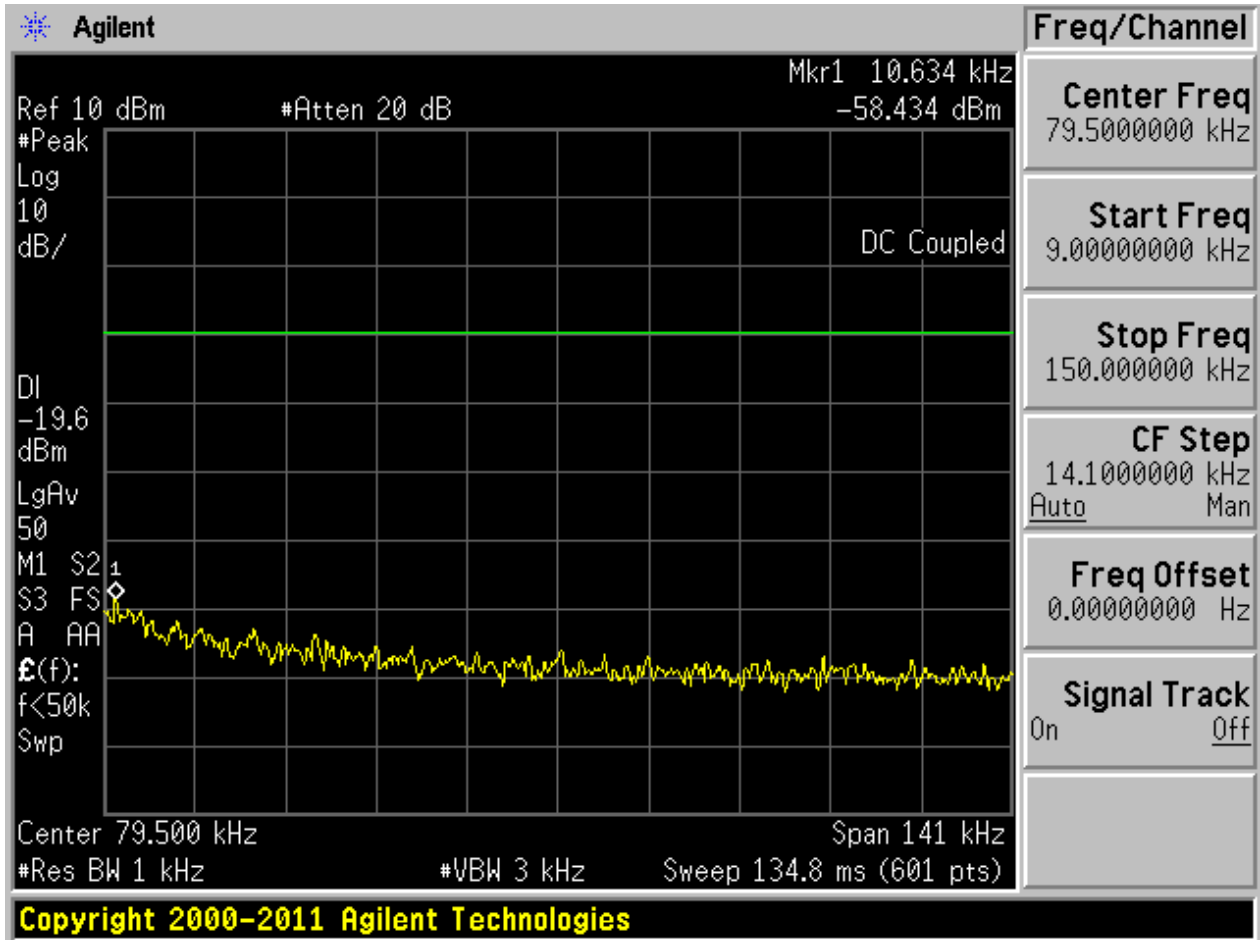


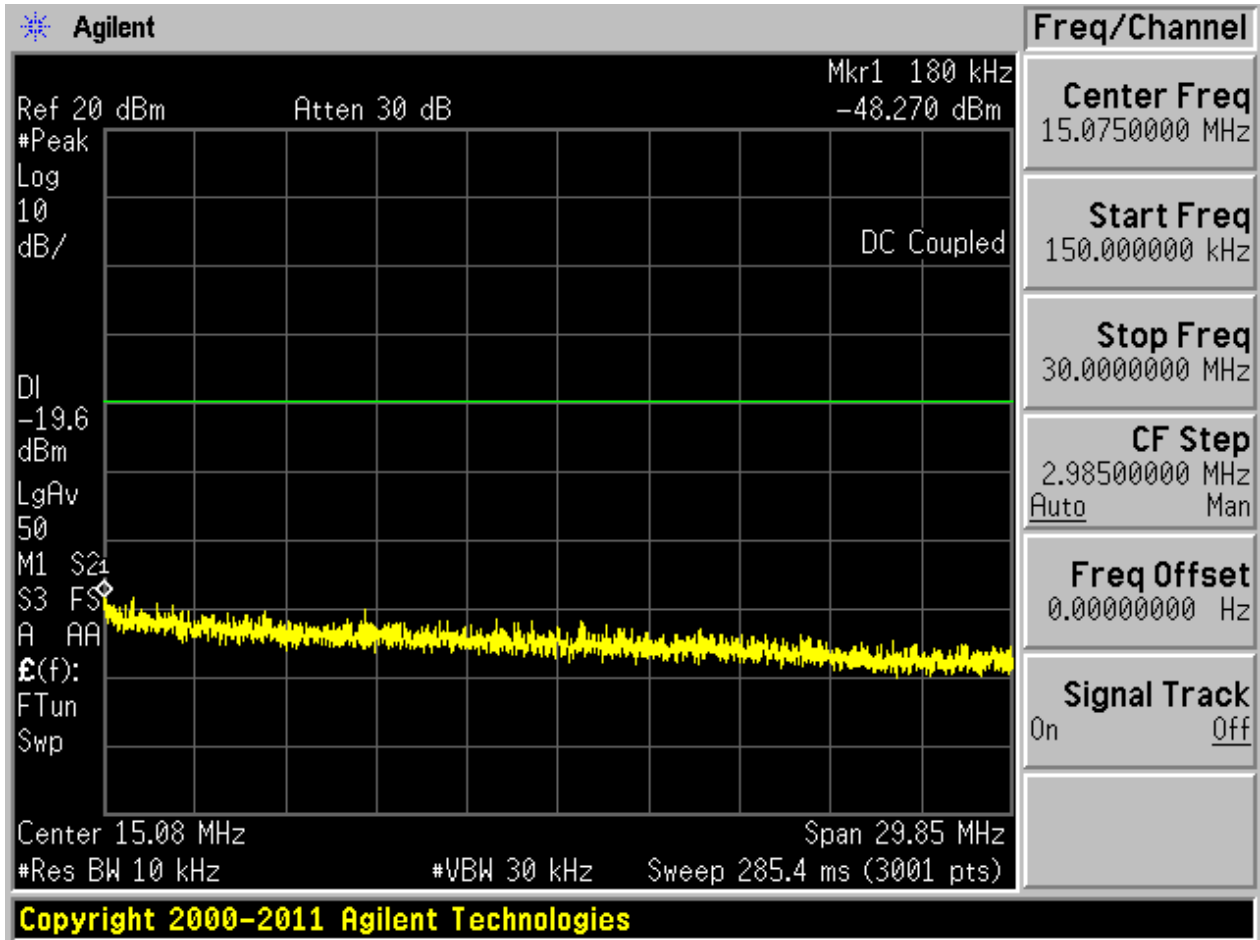
2.7 11G/6_B@1

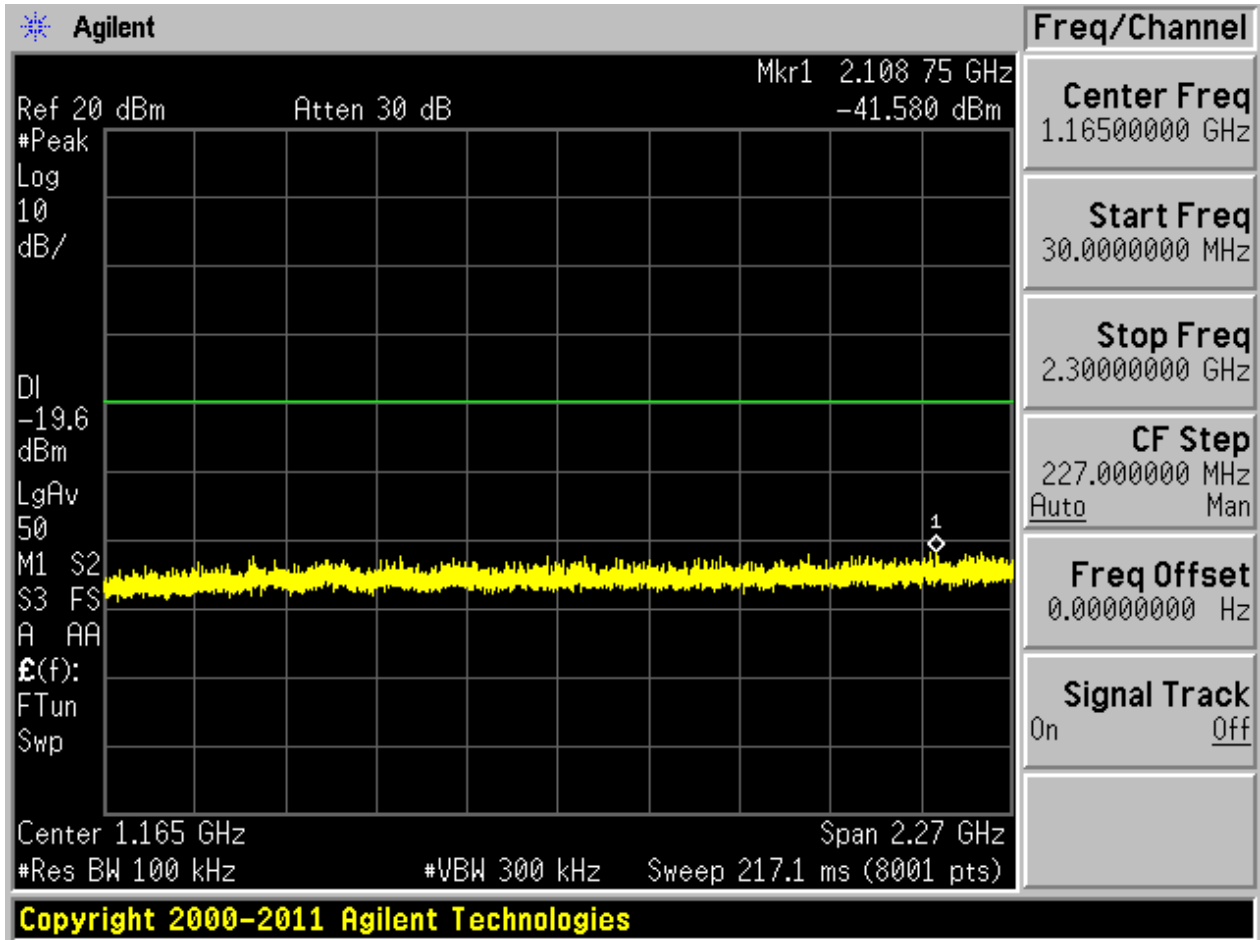
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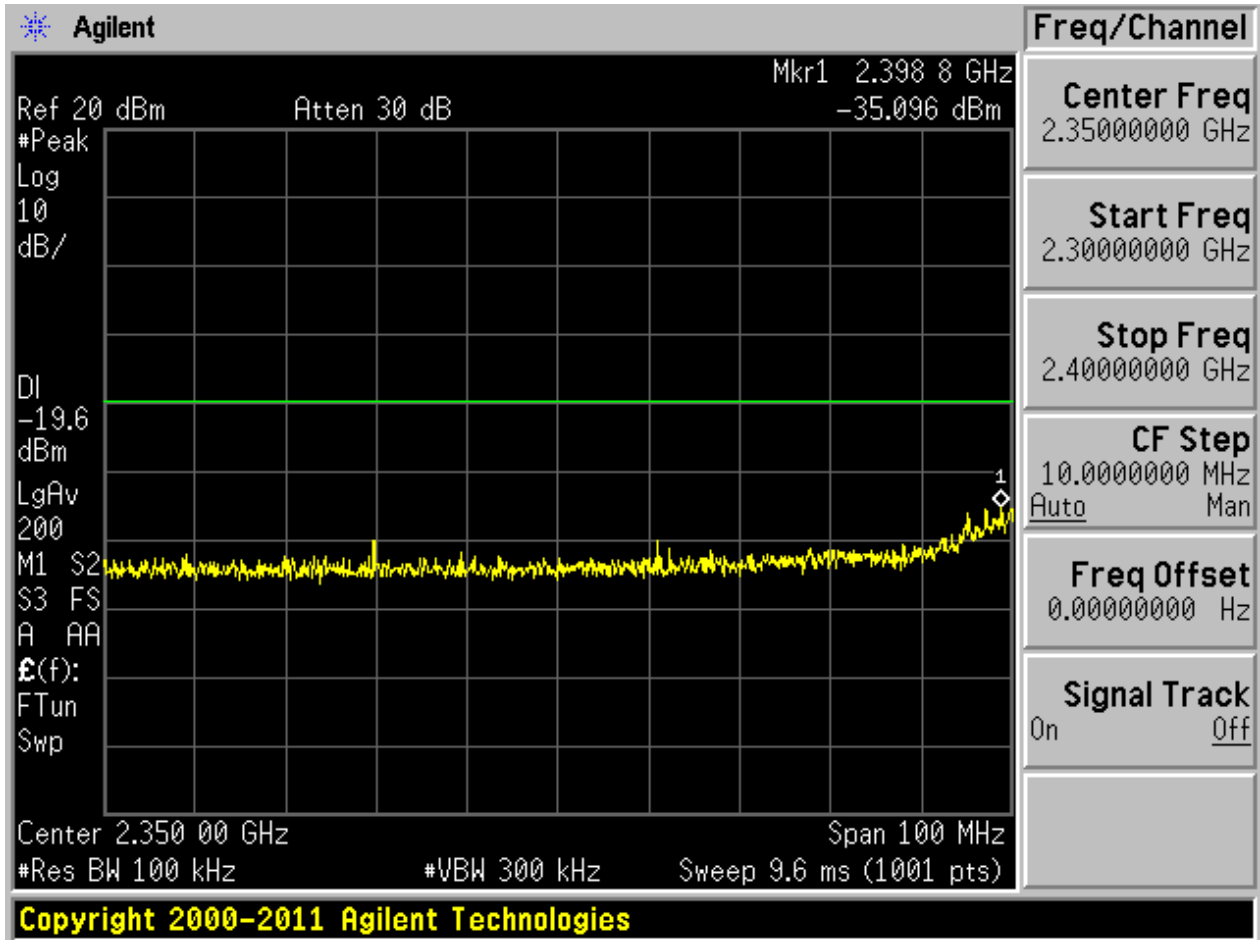


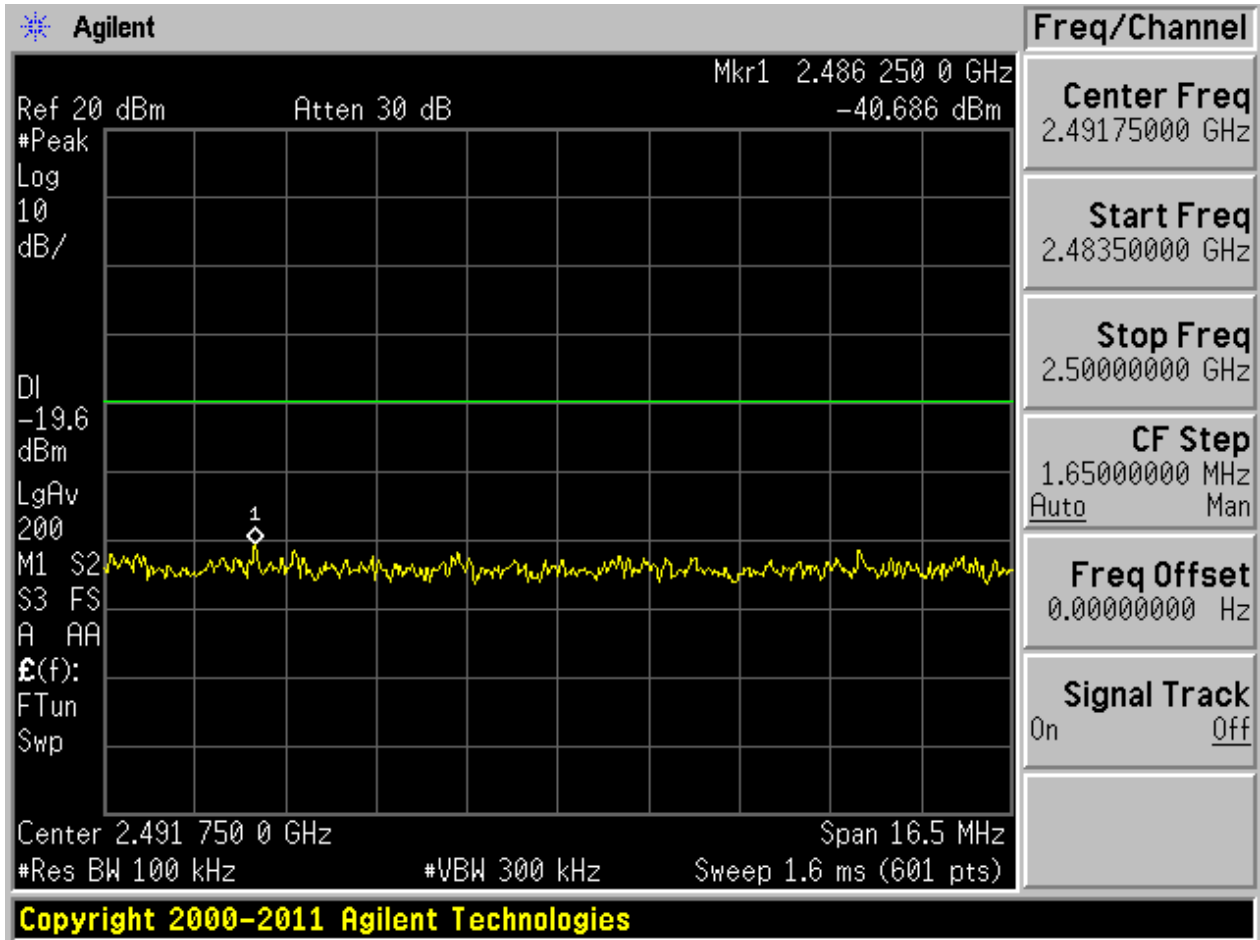
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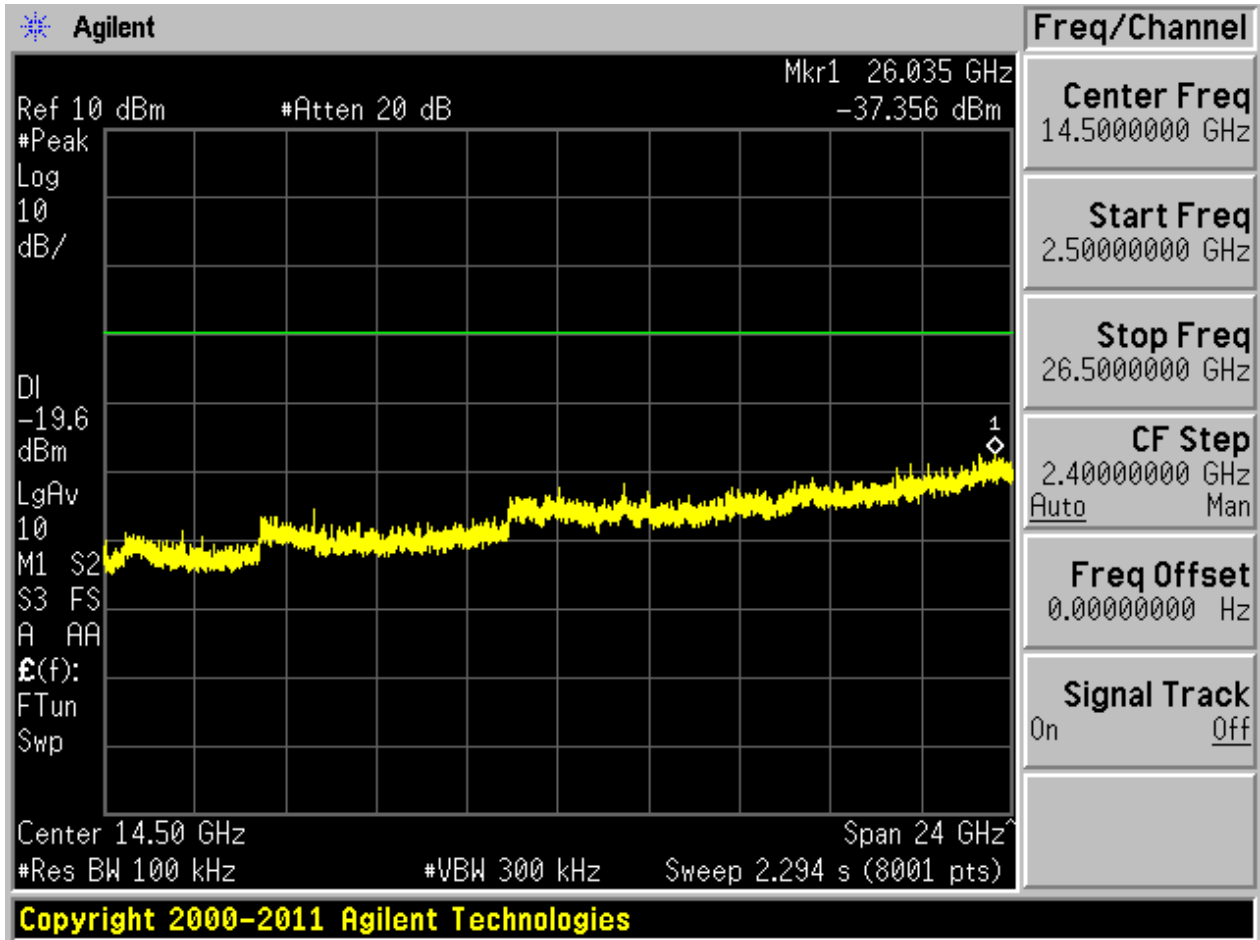






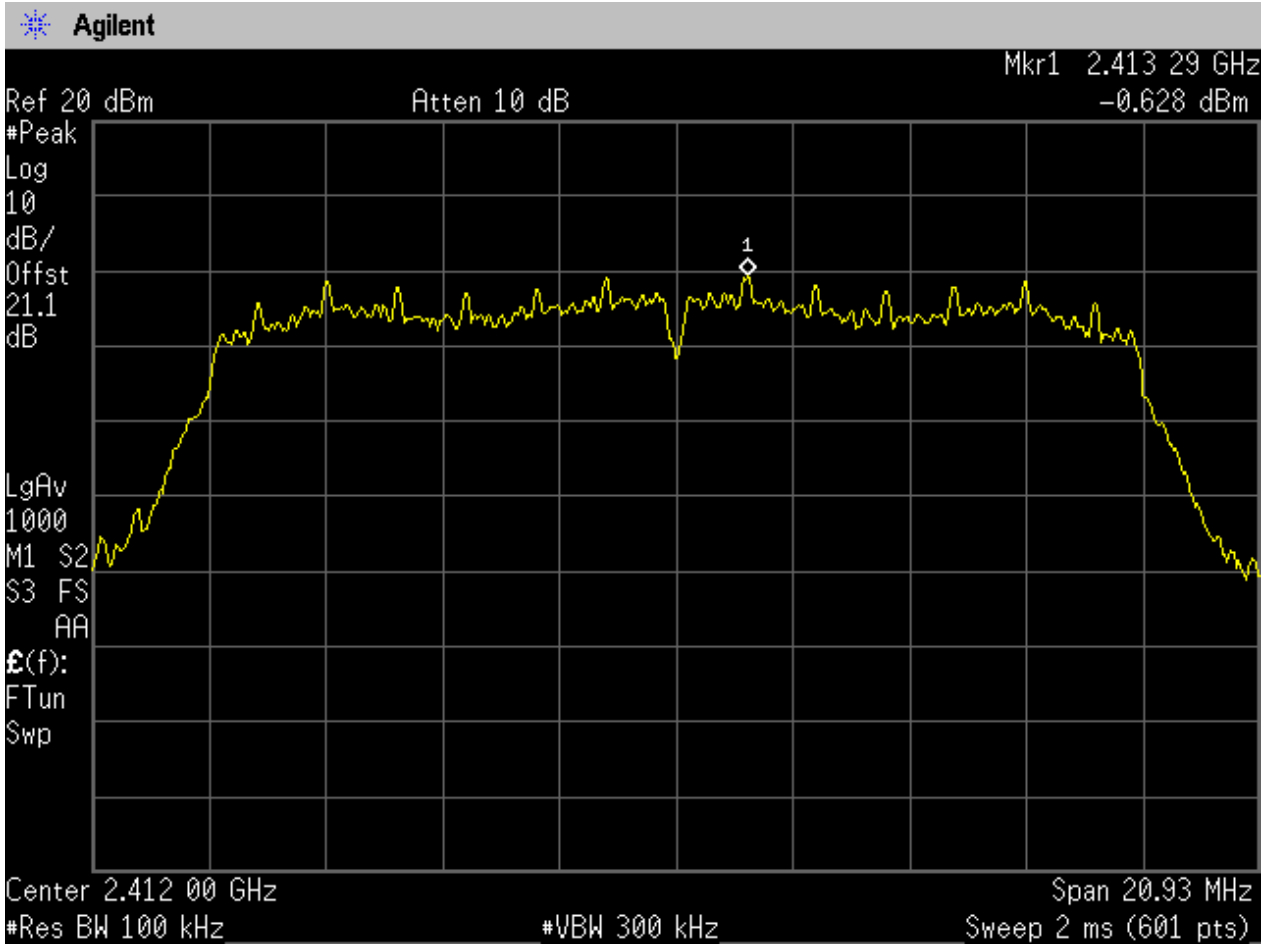




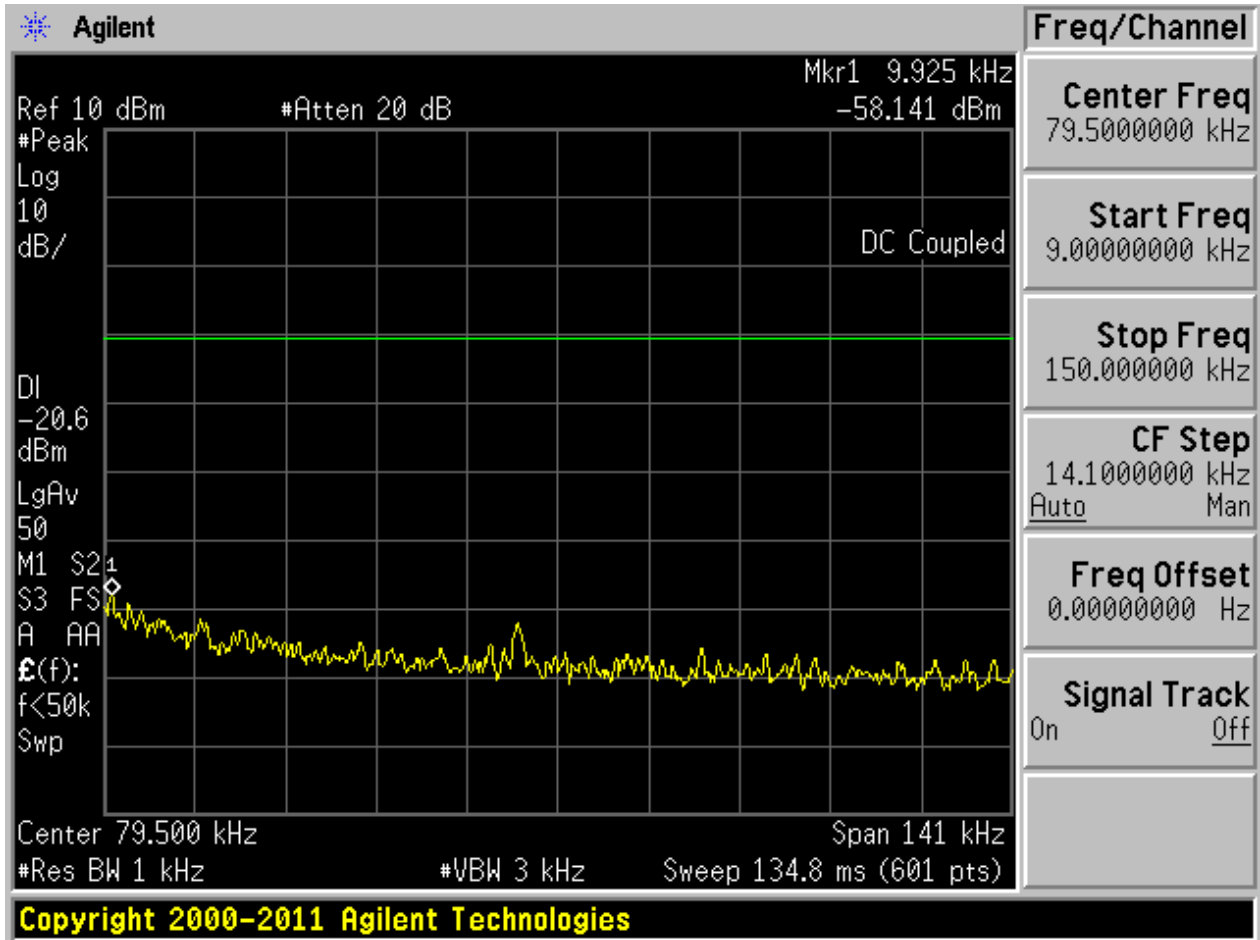


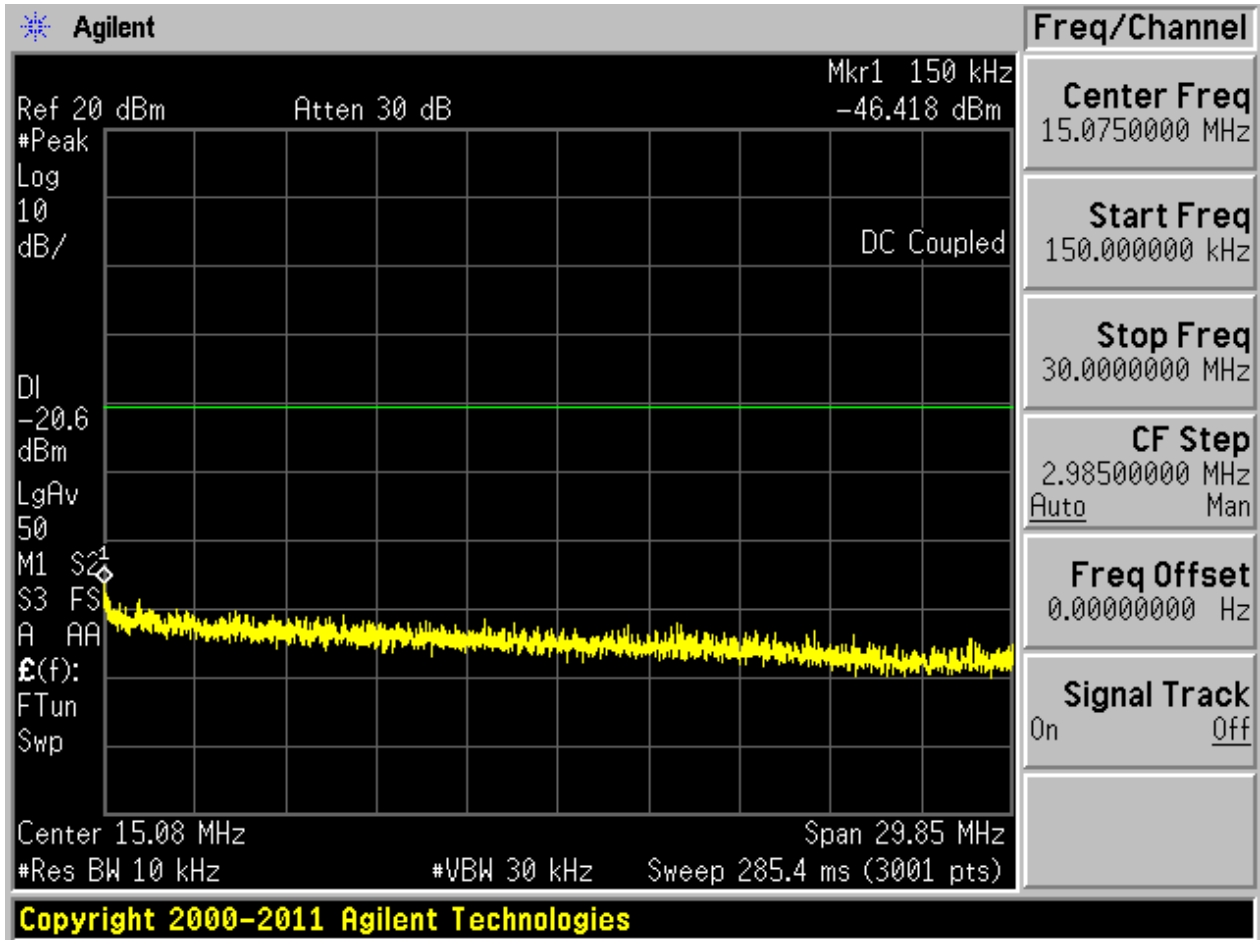
2.8 11G/6_B@2

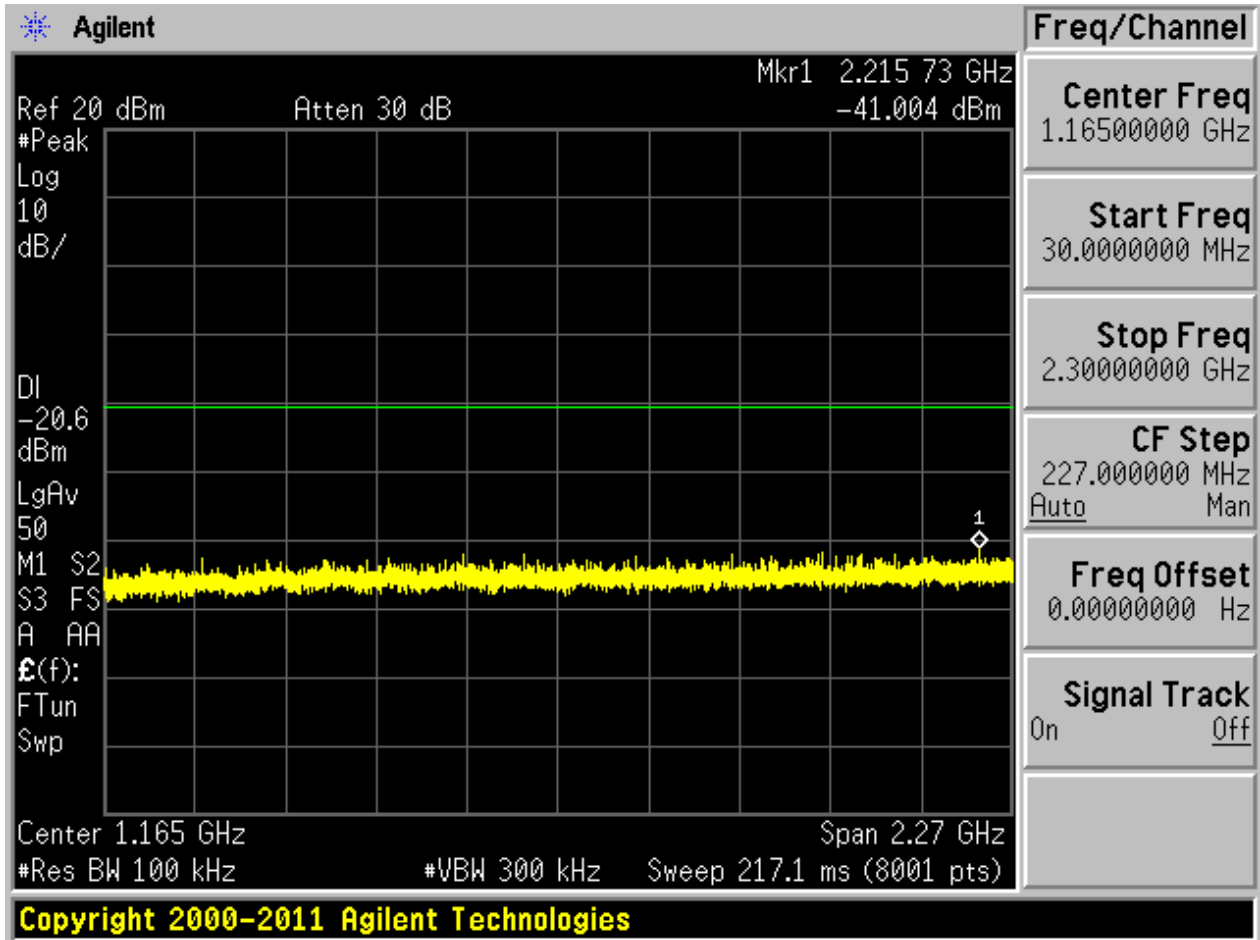
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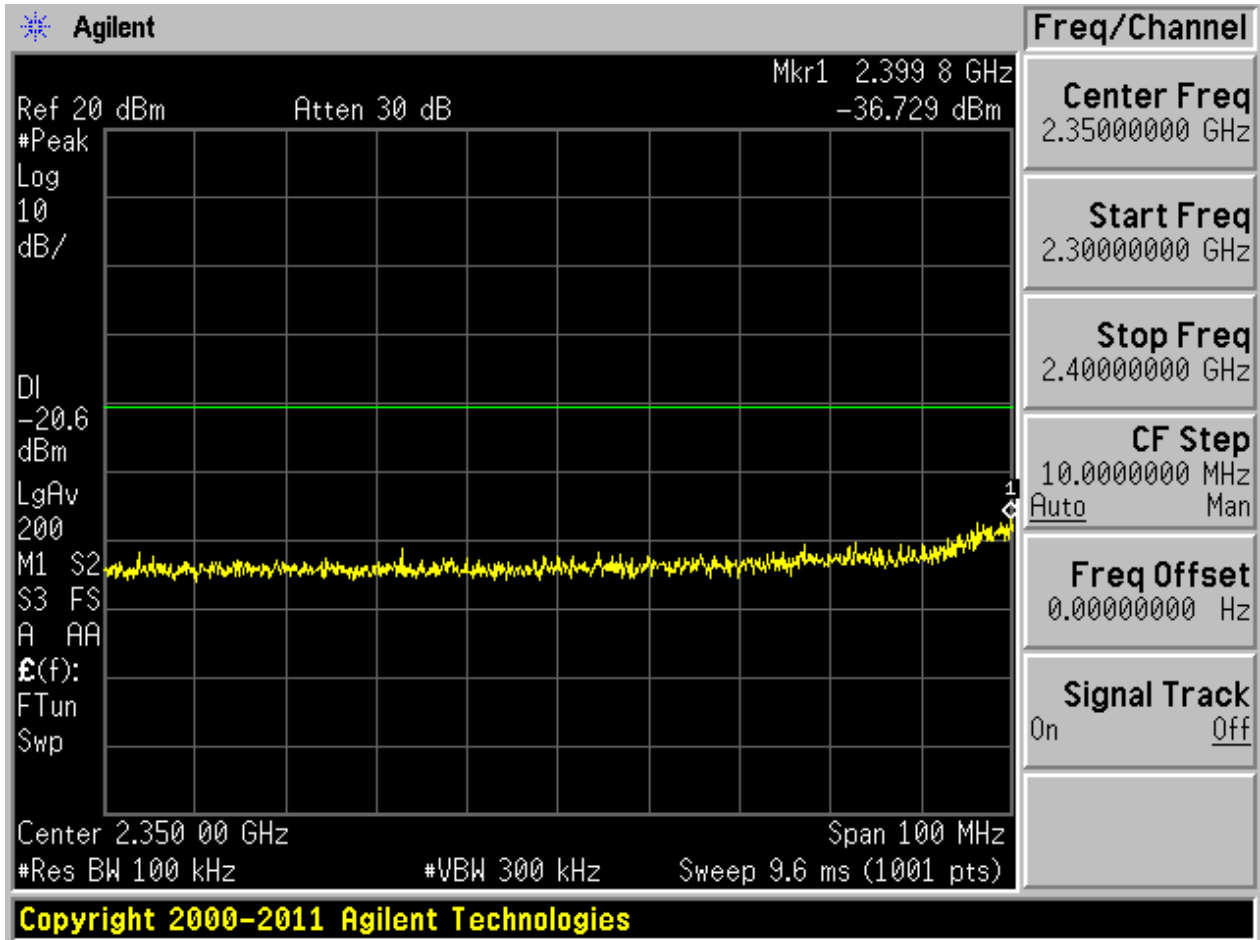


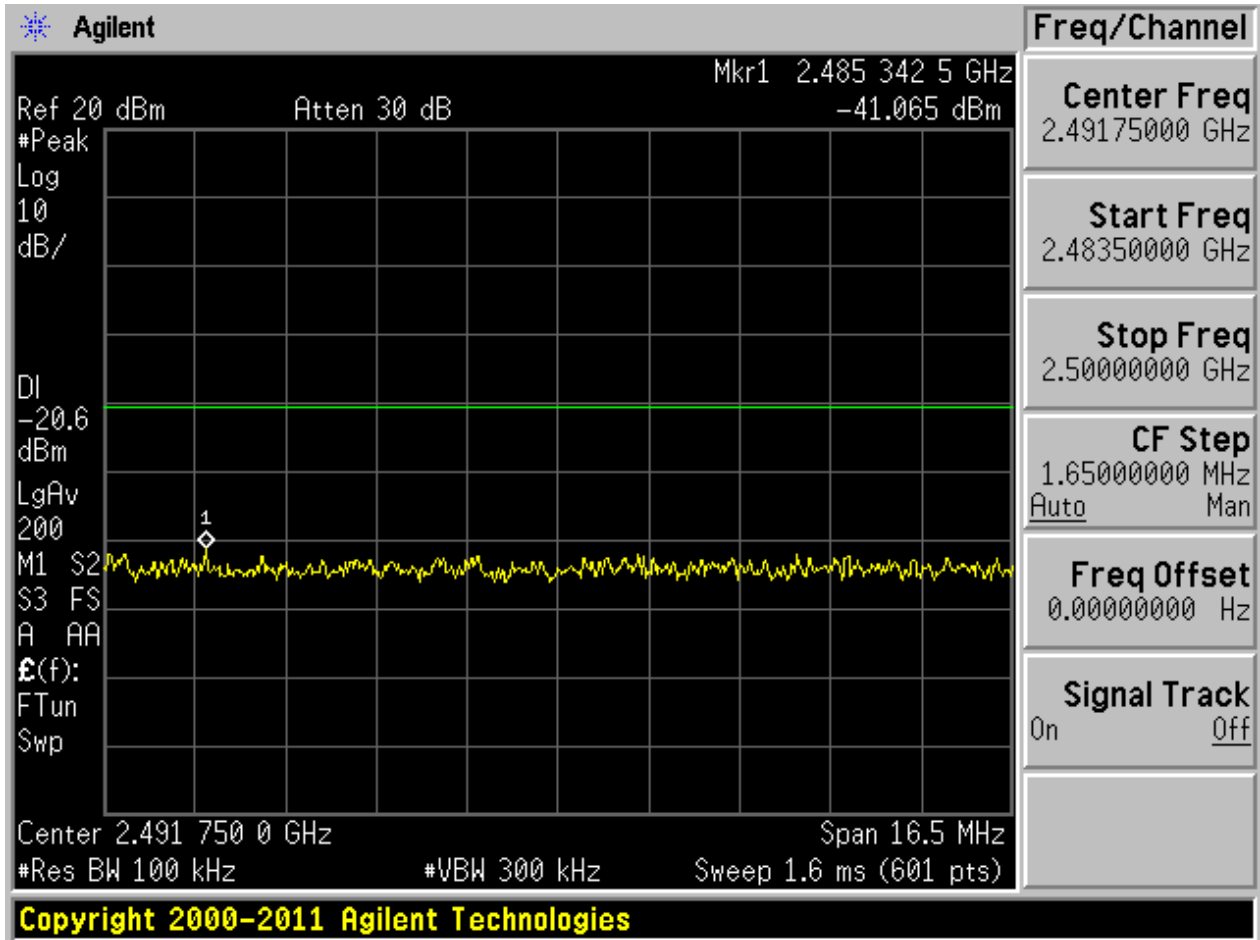
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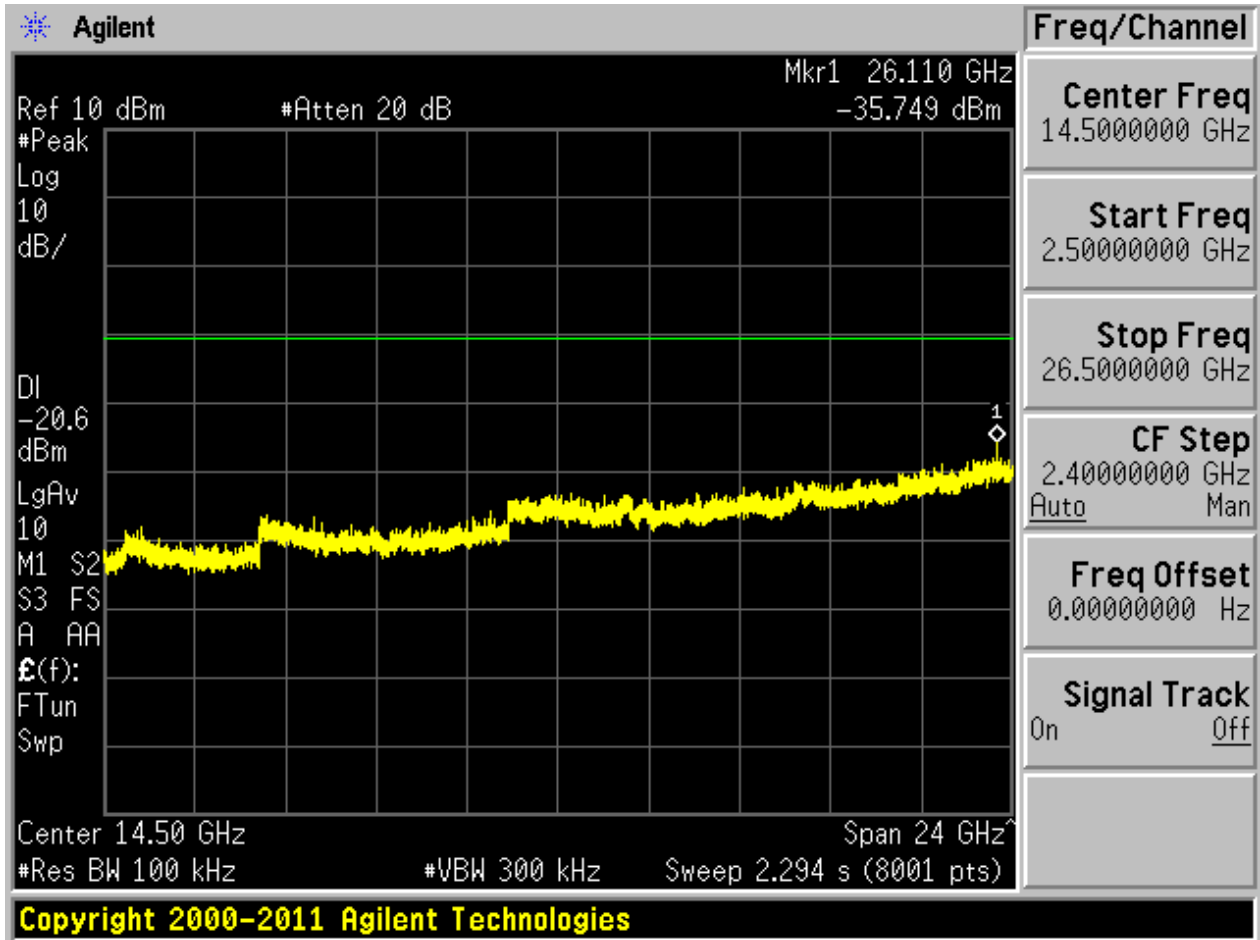






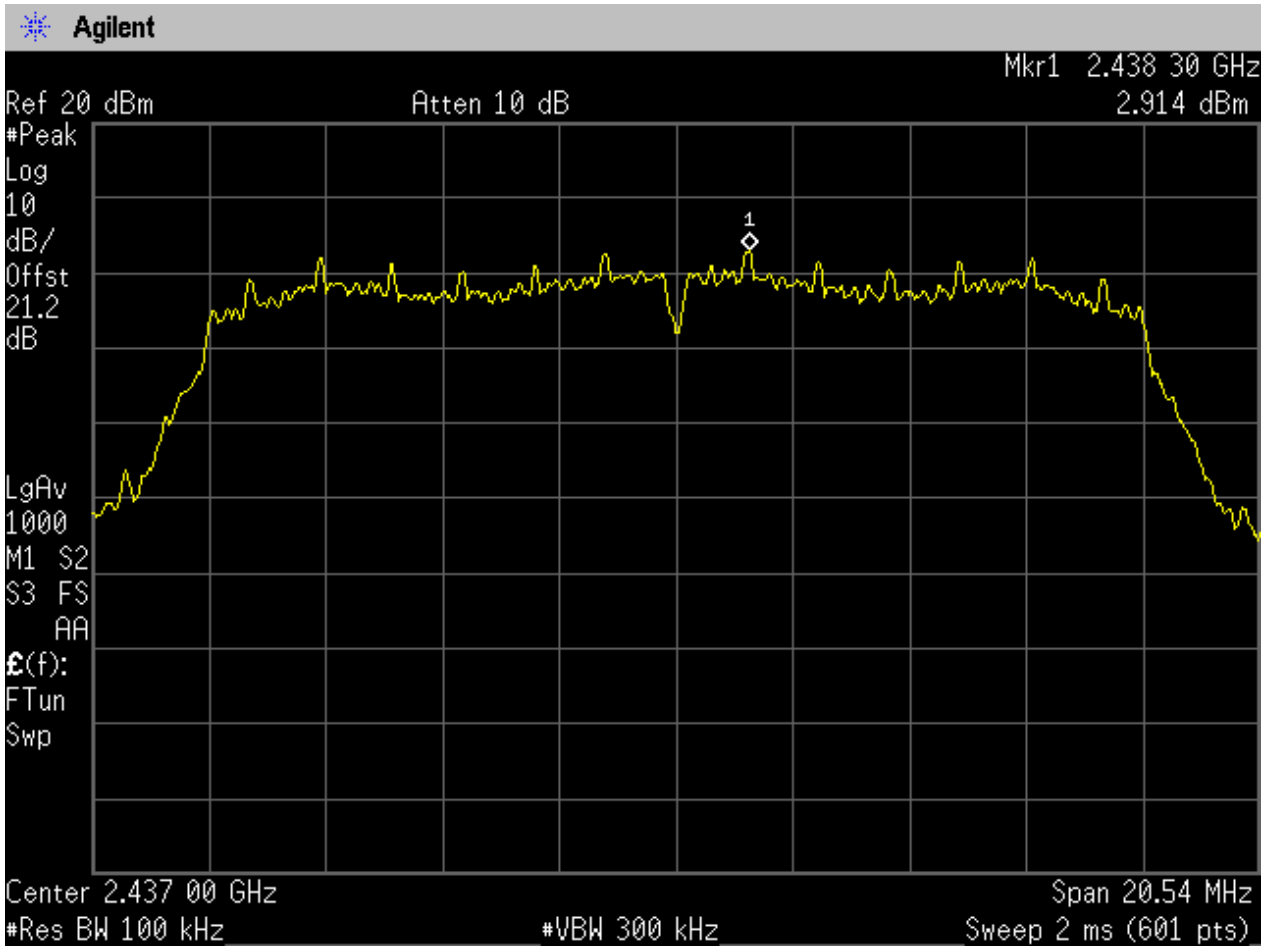




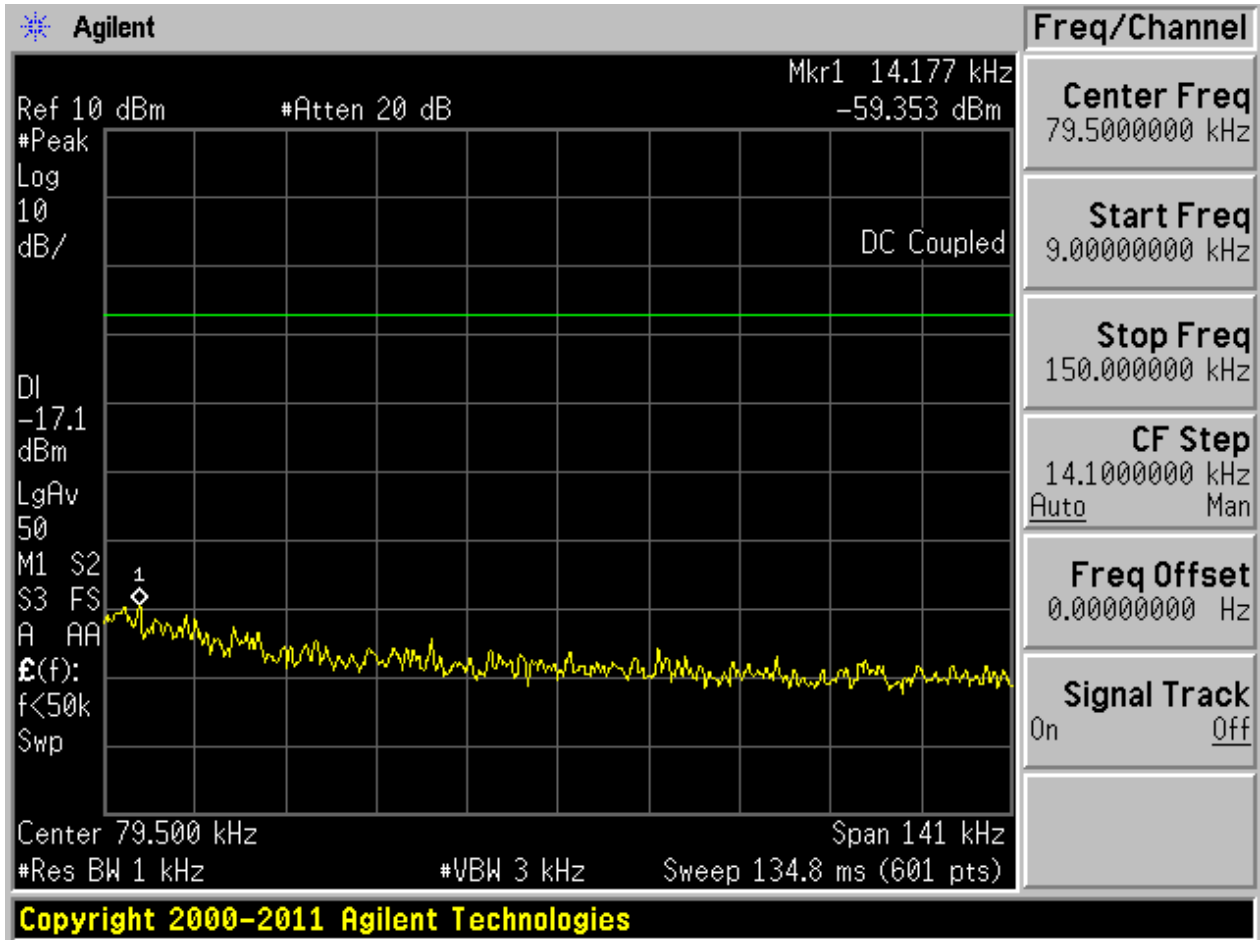


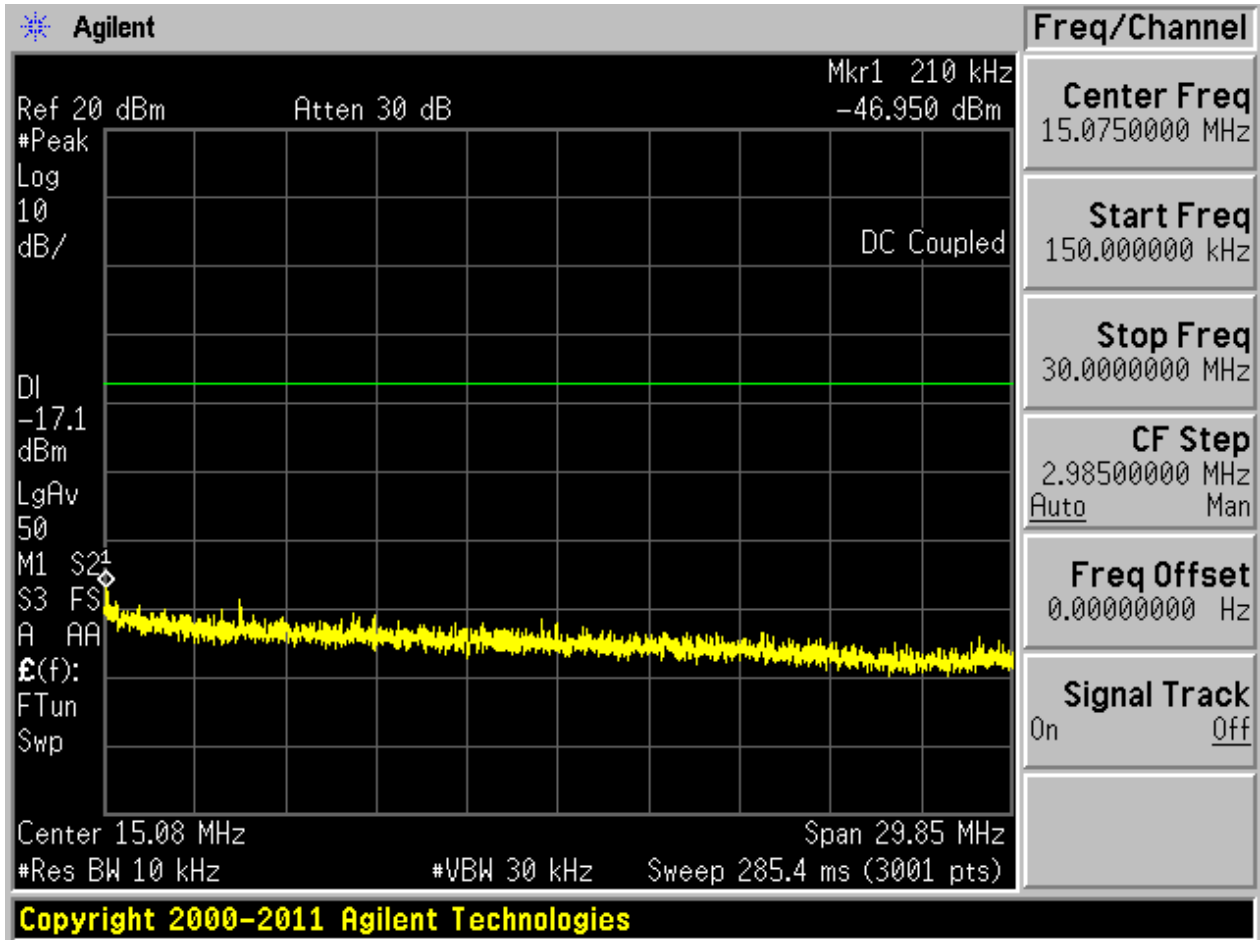
2.9 11G/6_M@1

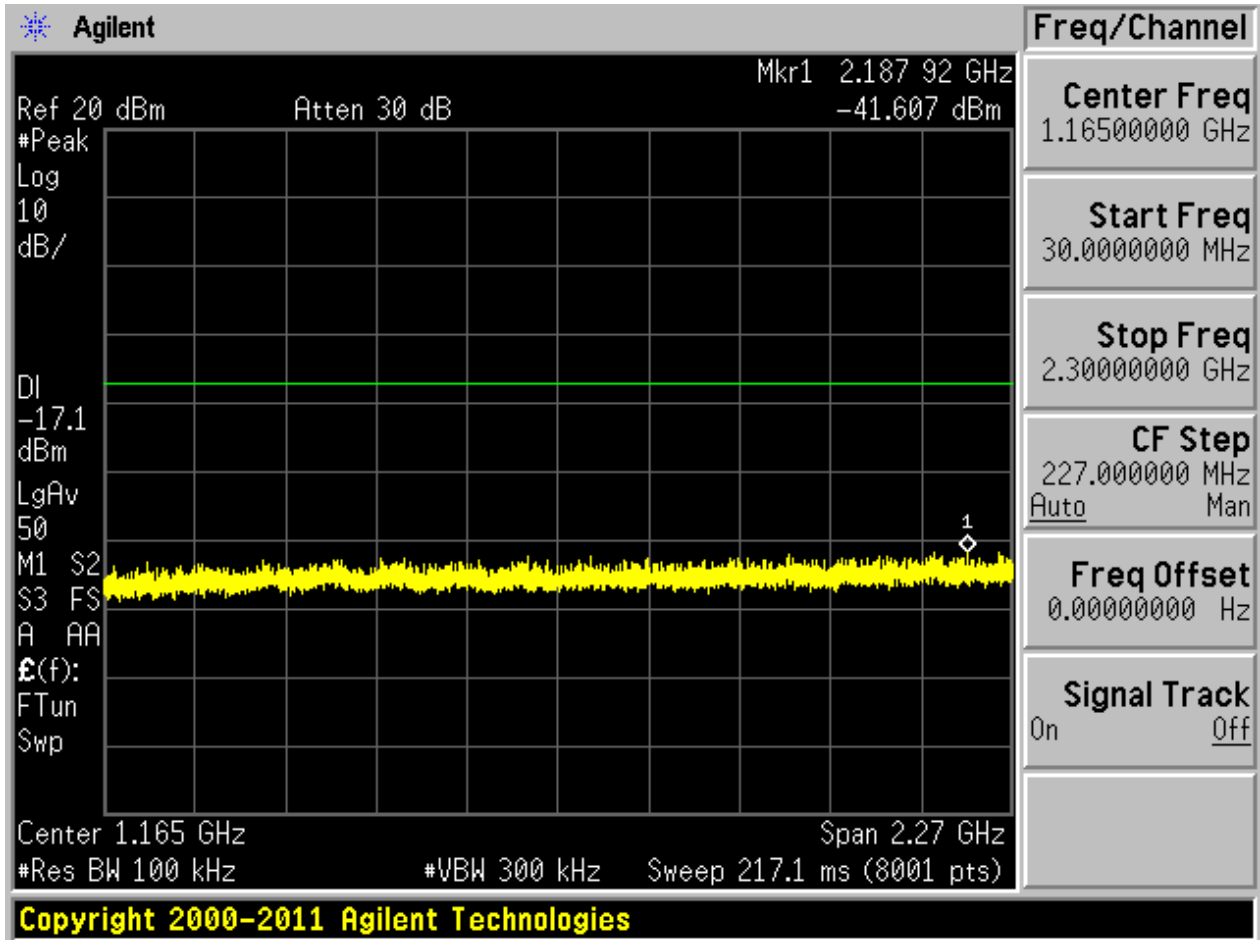
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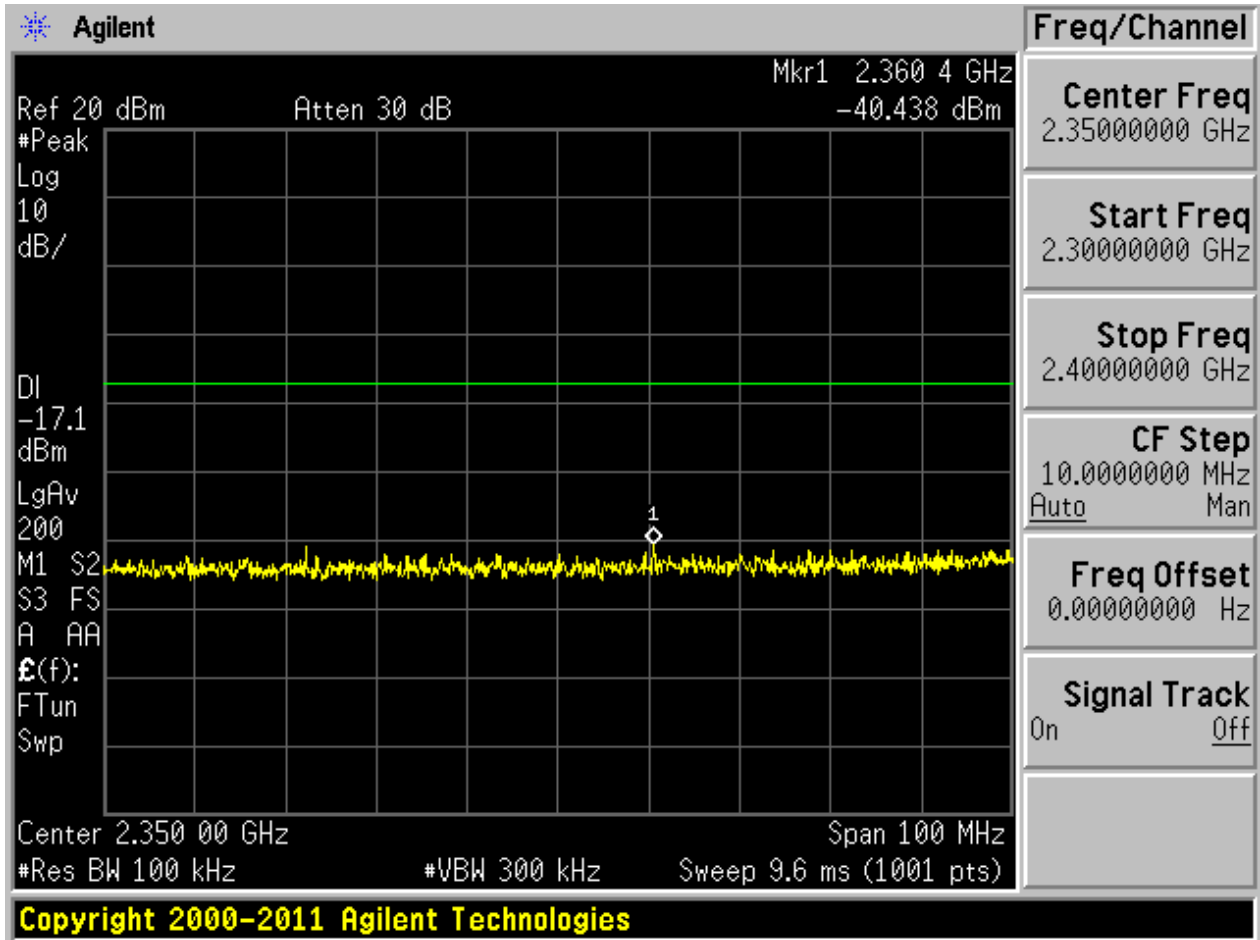


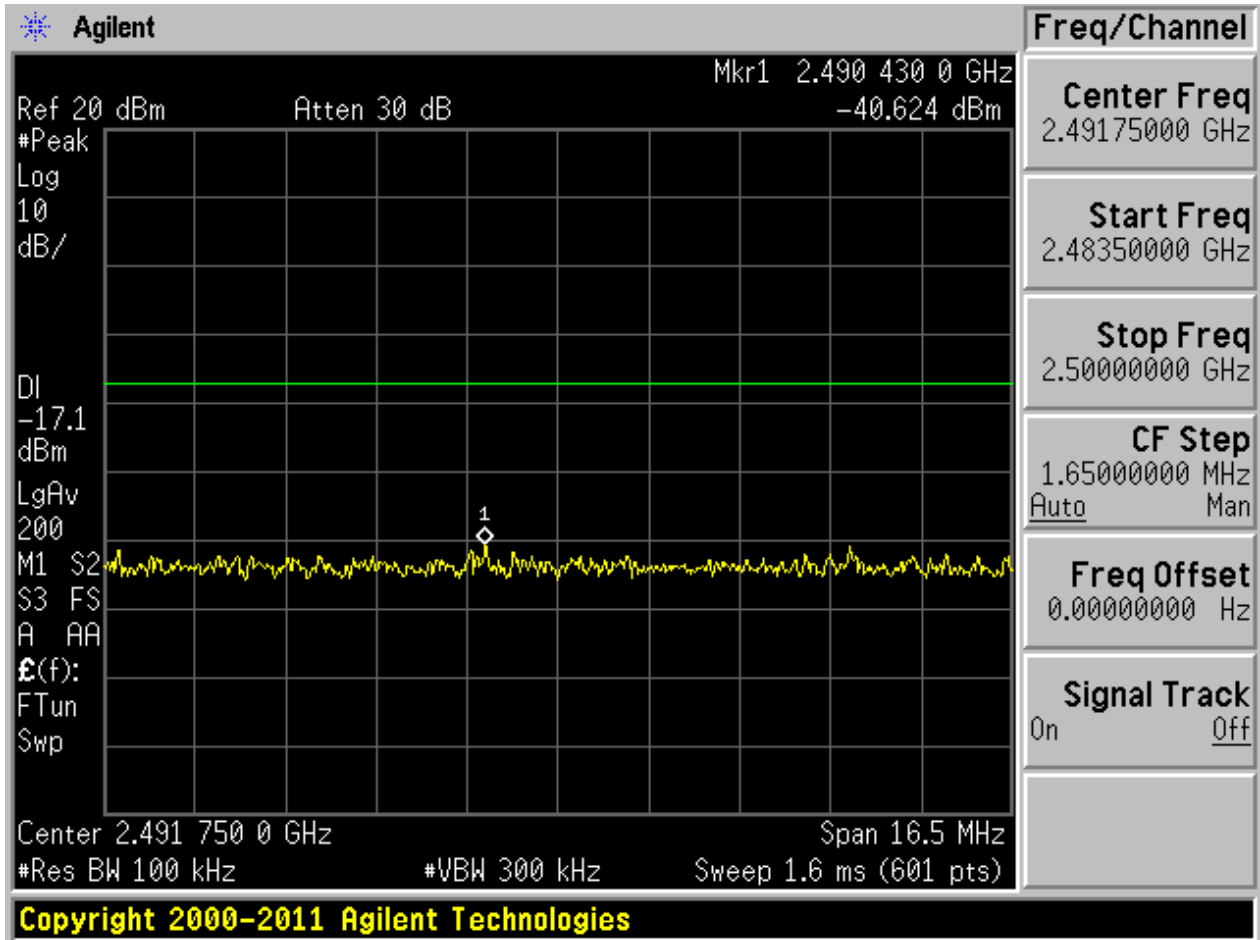
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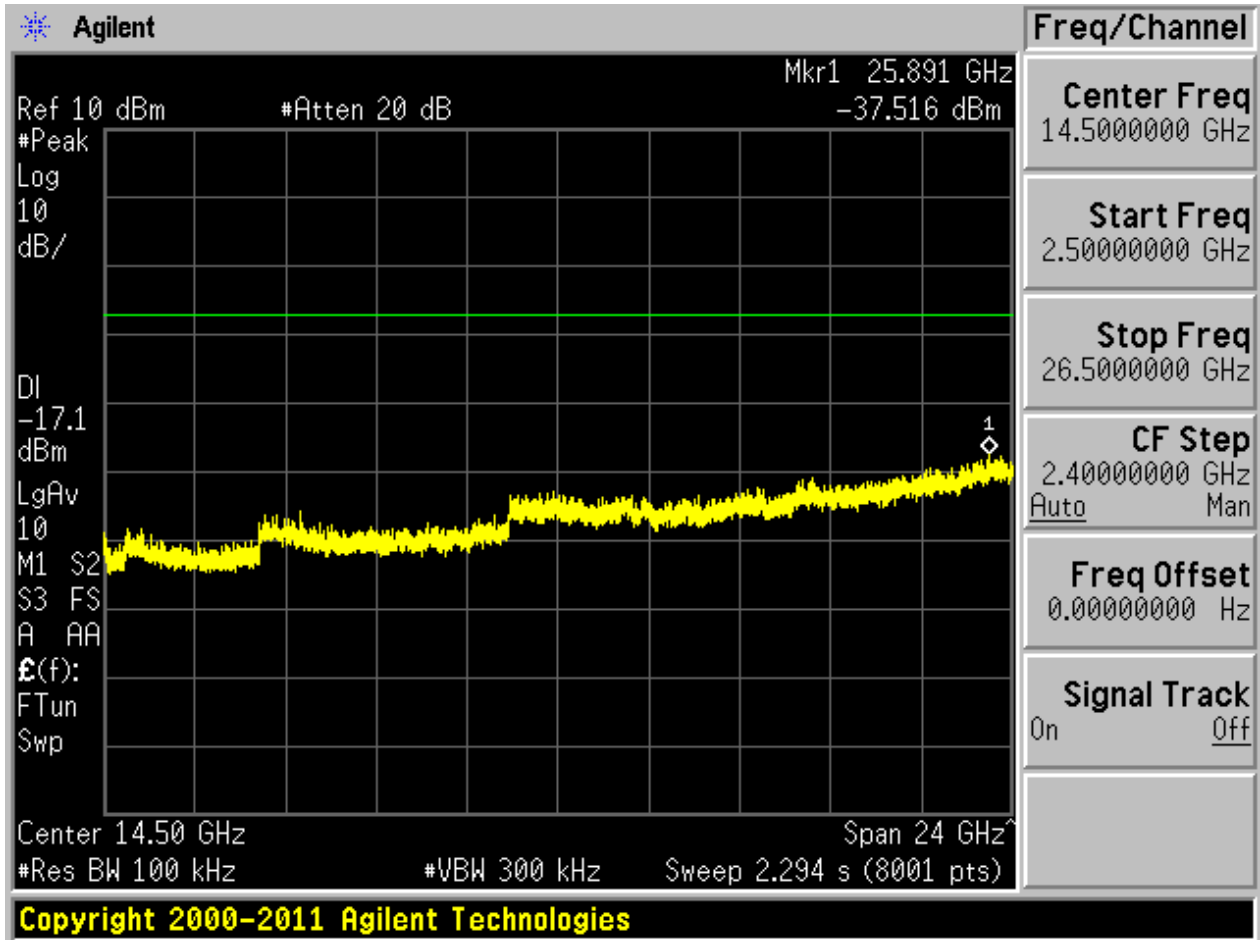






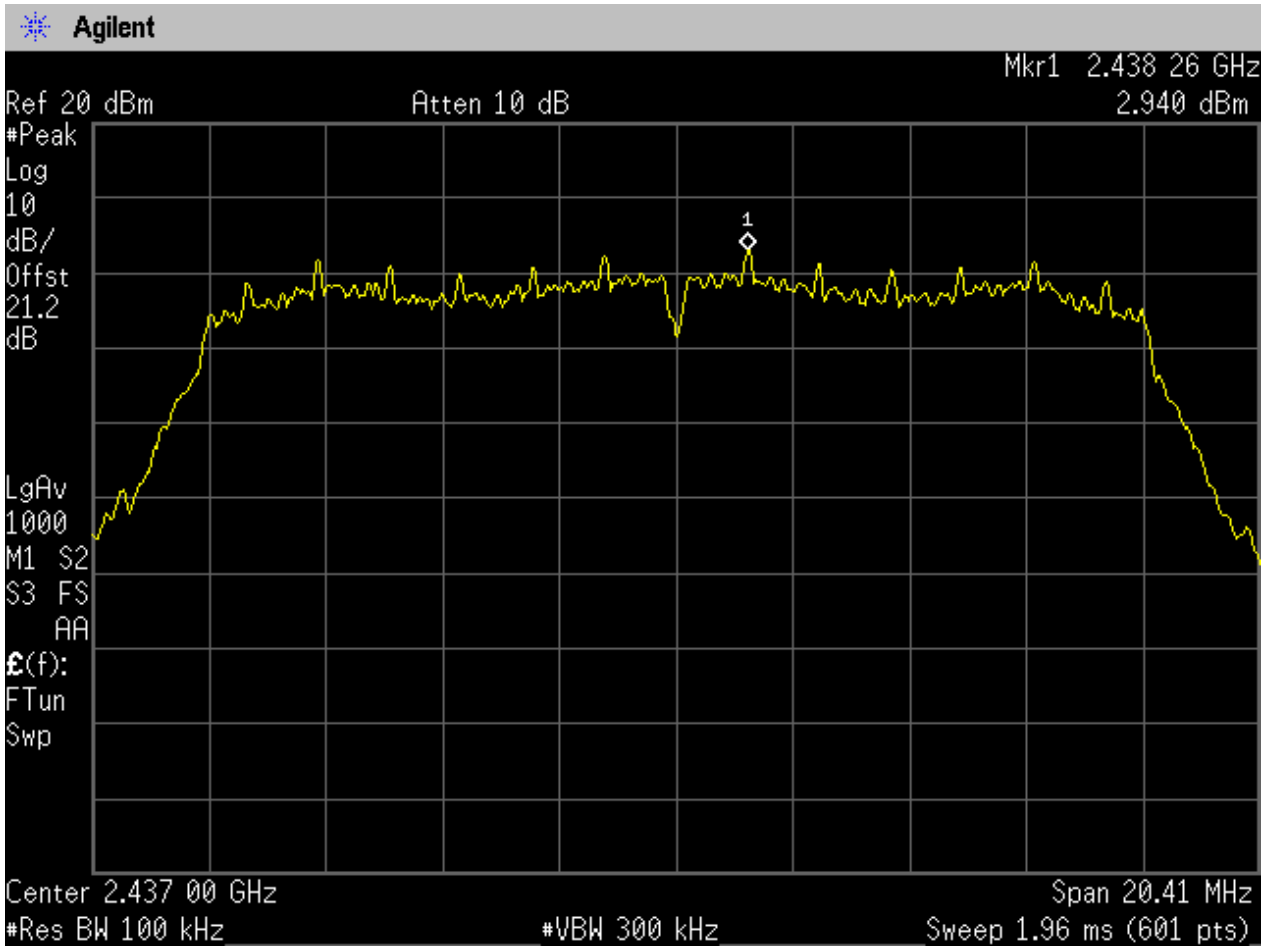




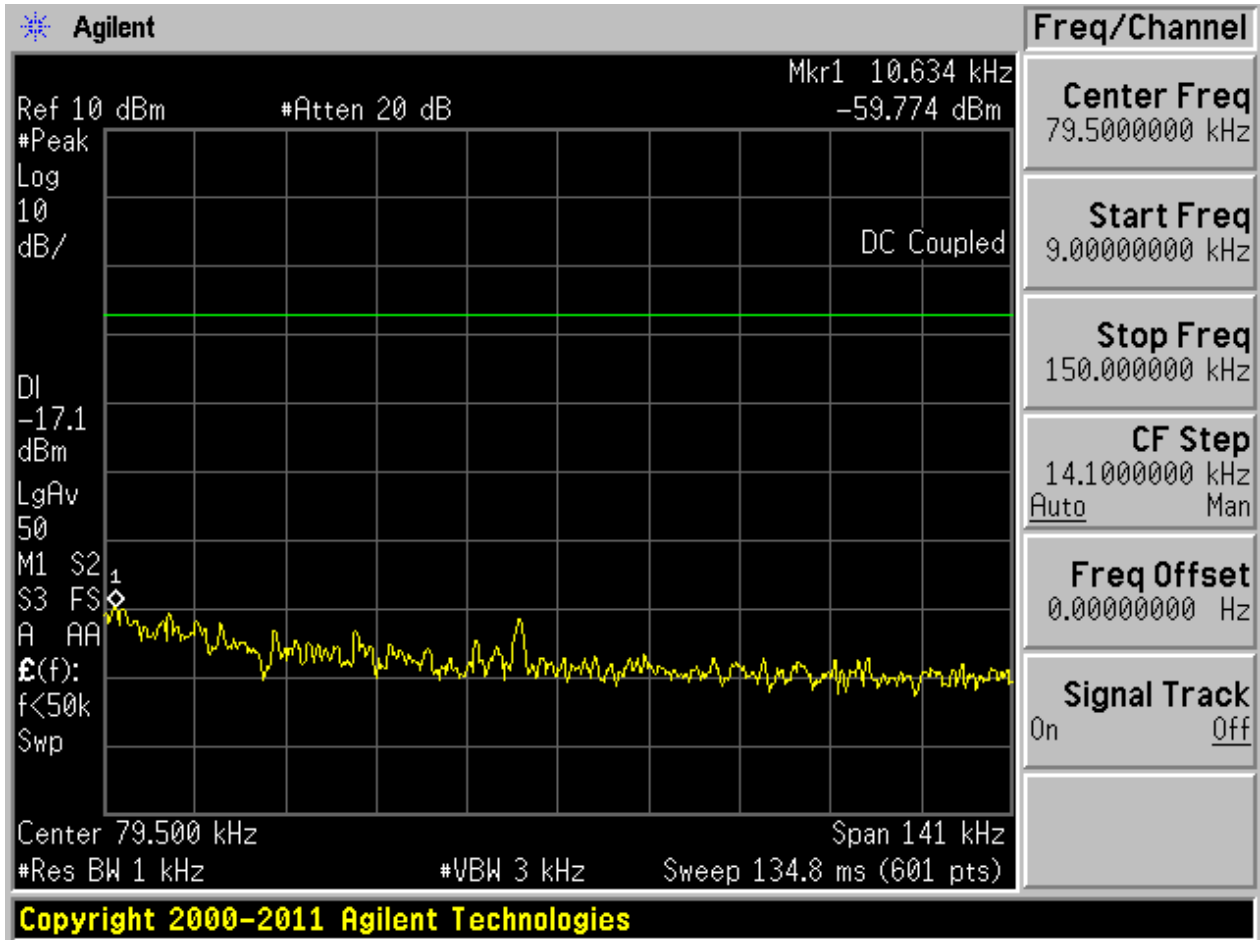


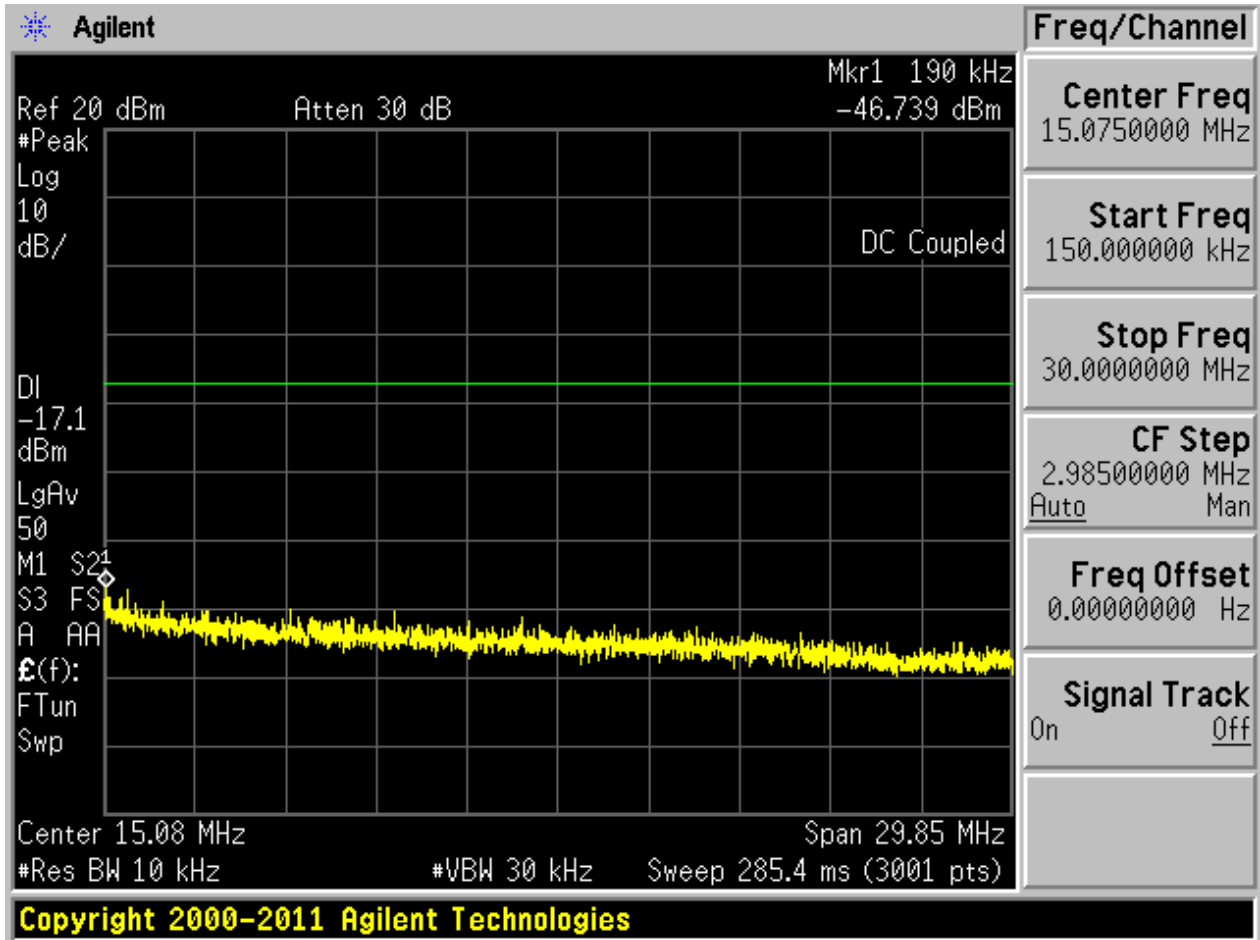
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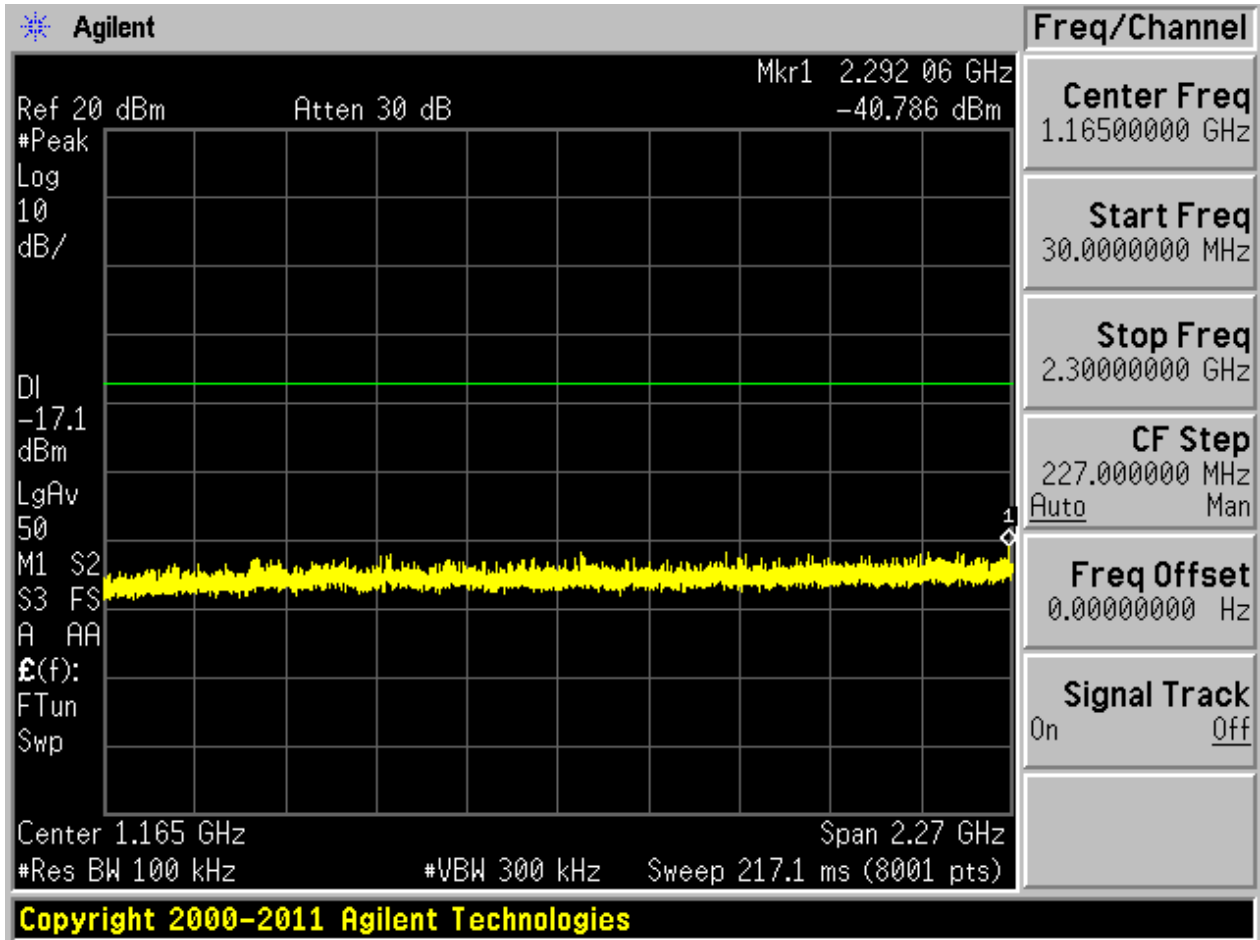
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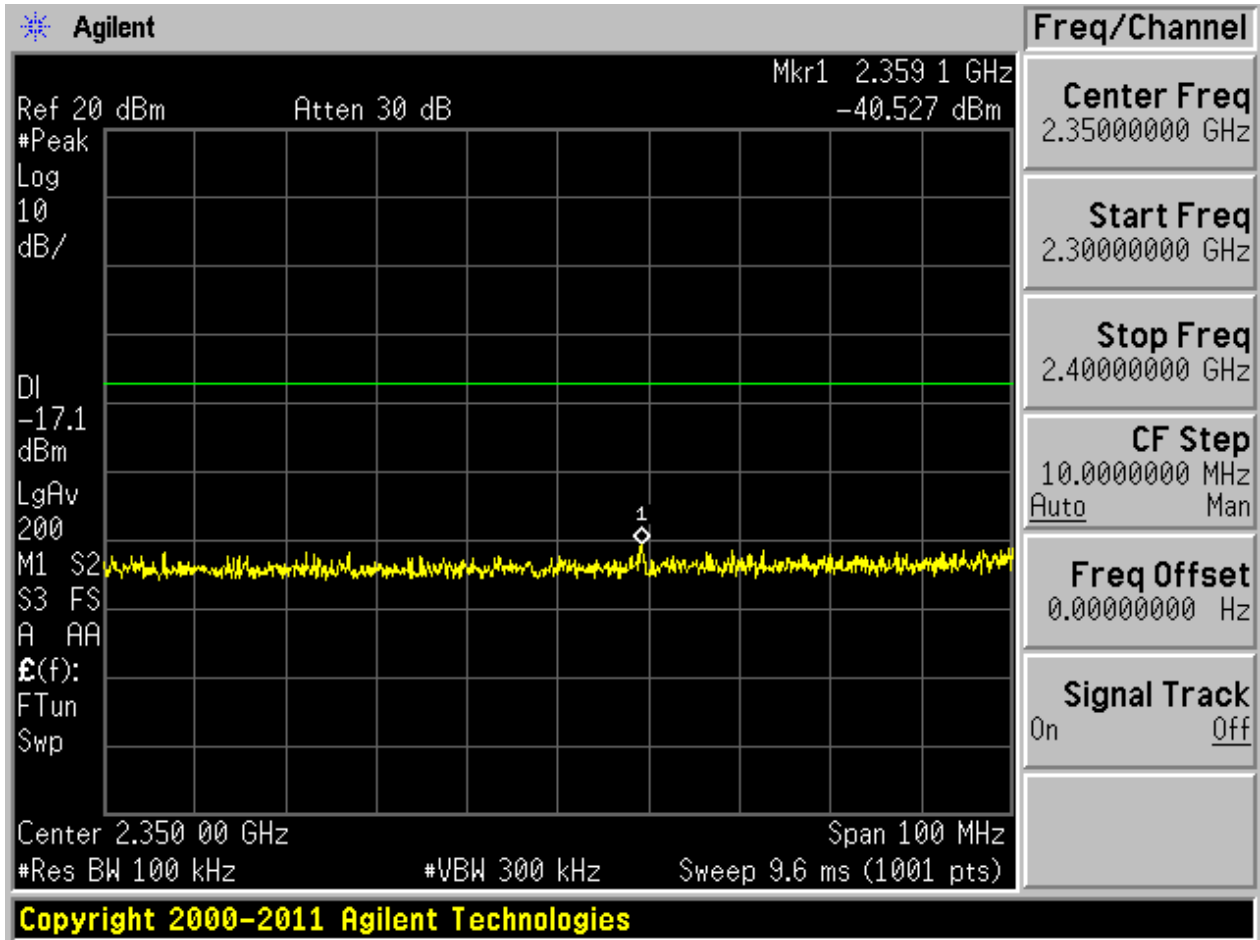


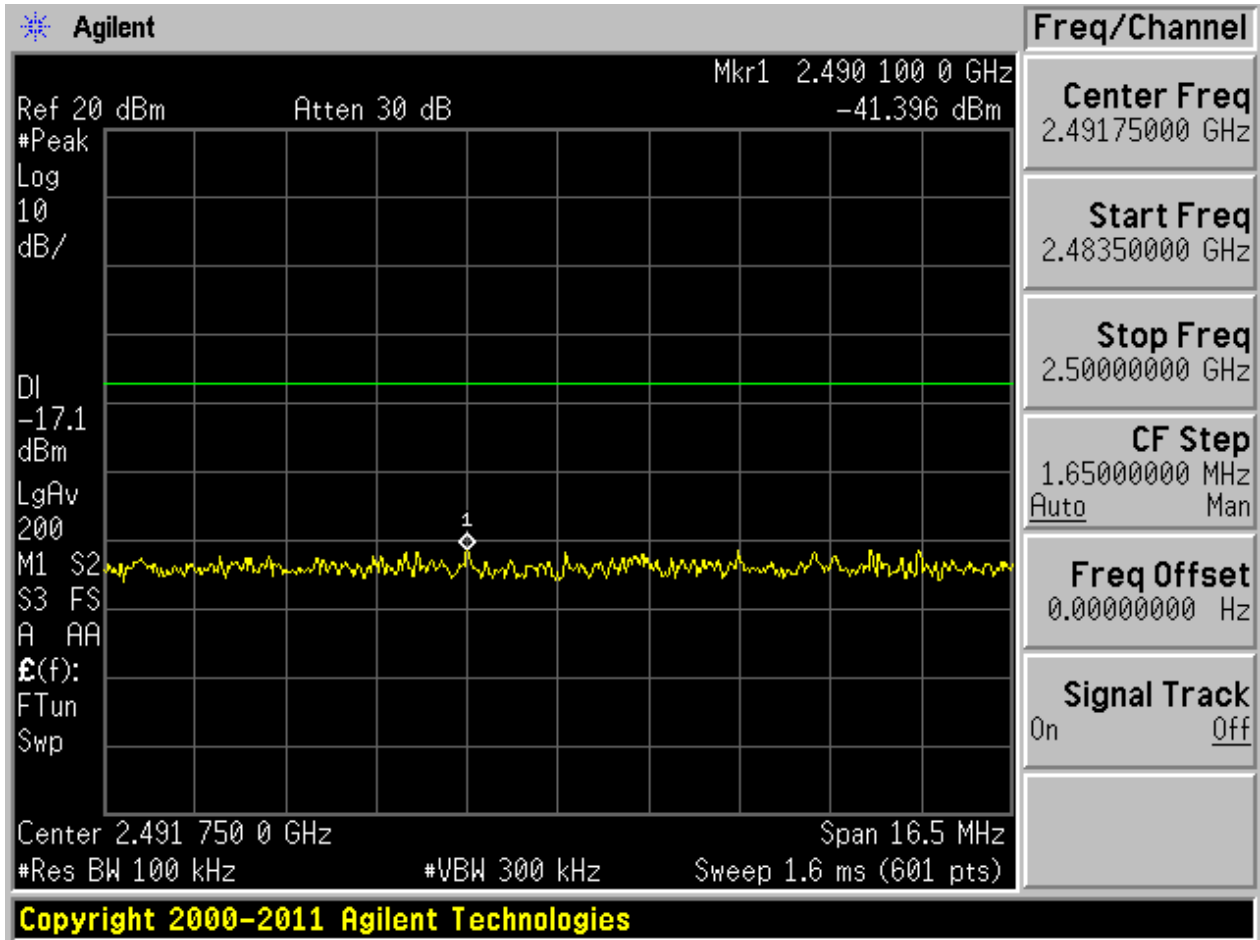
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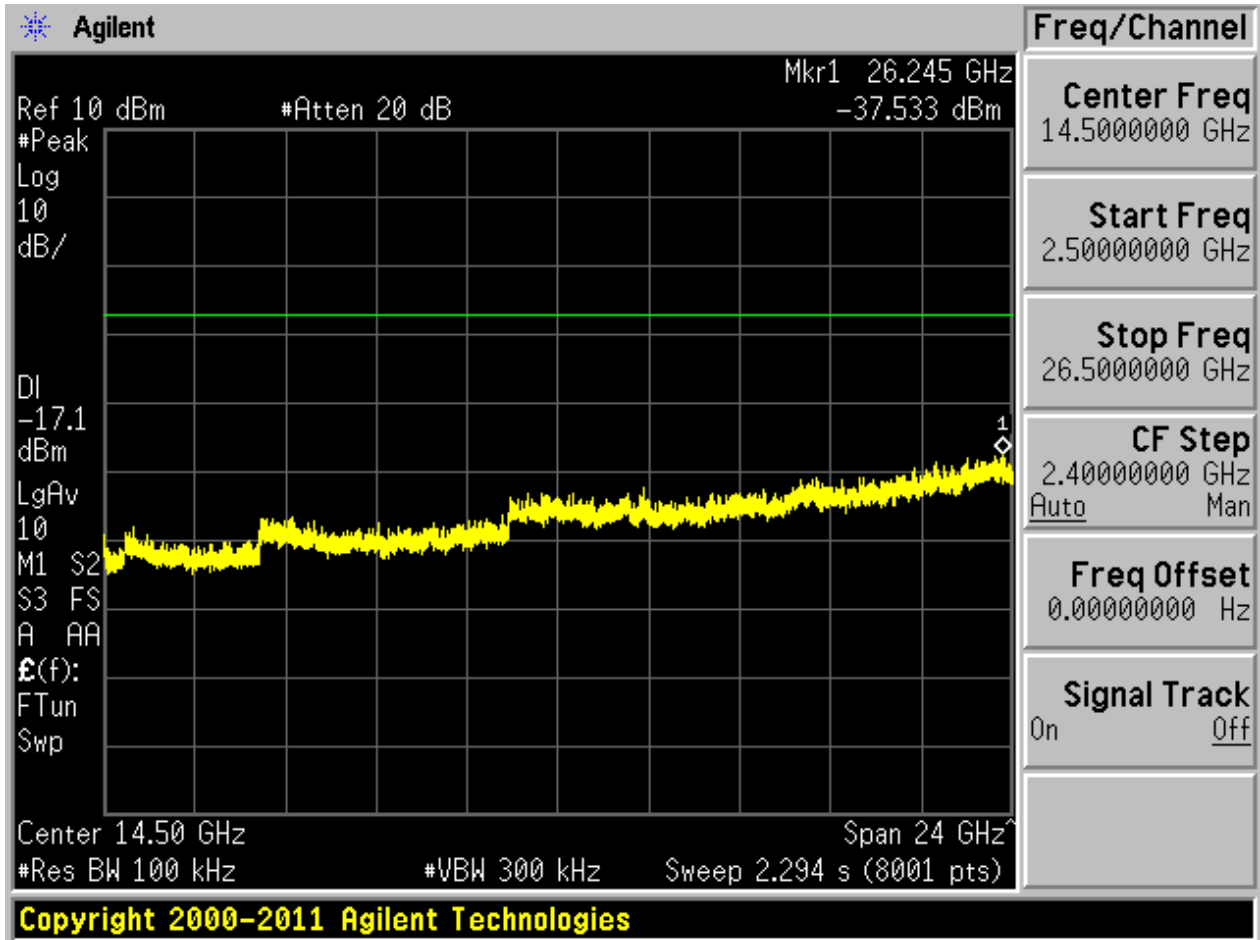






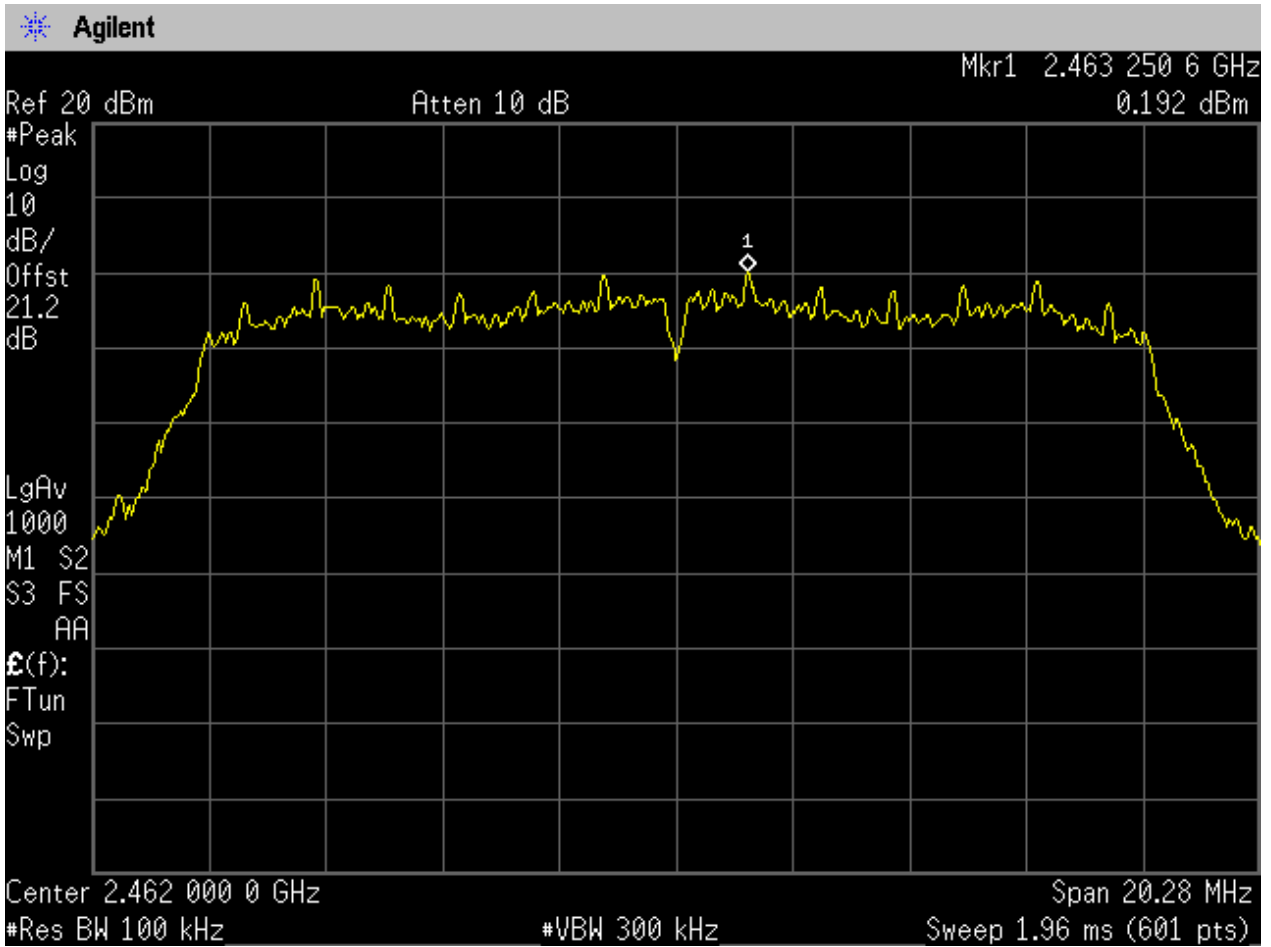




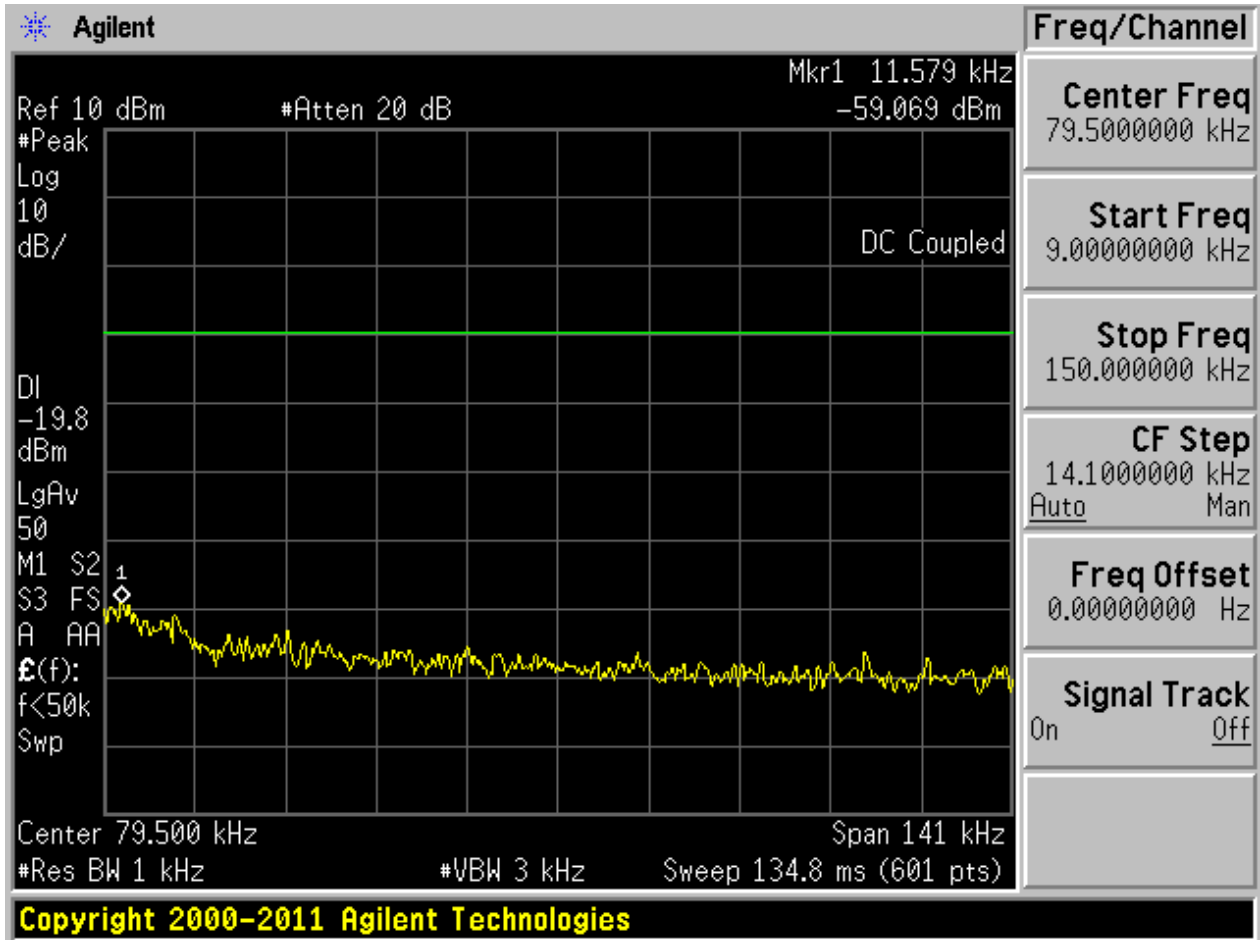


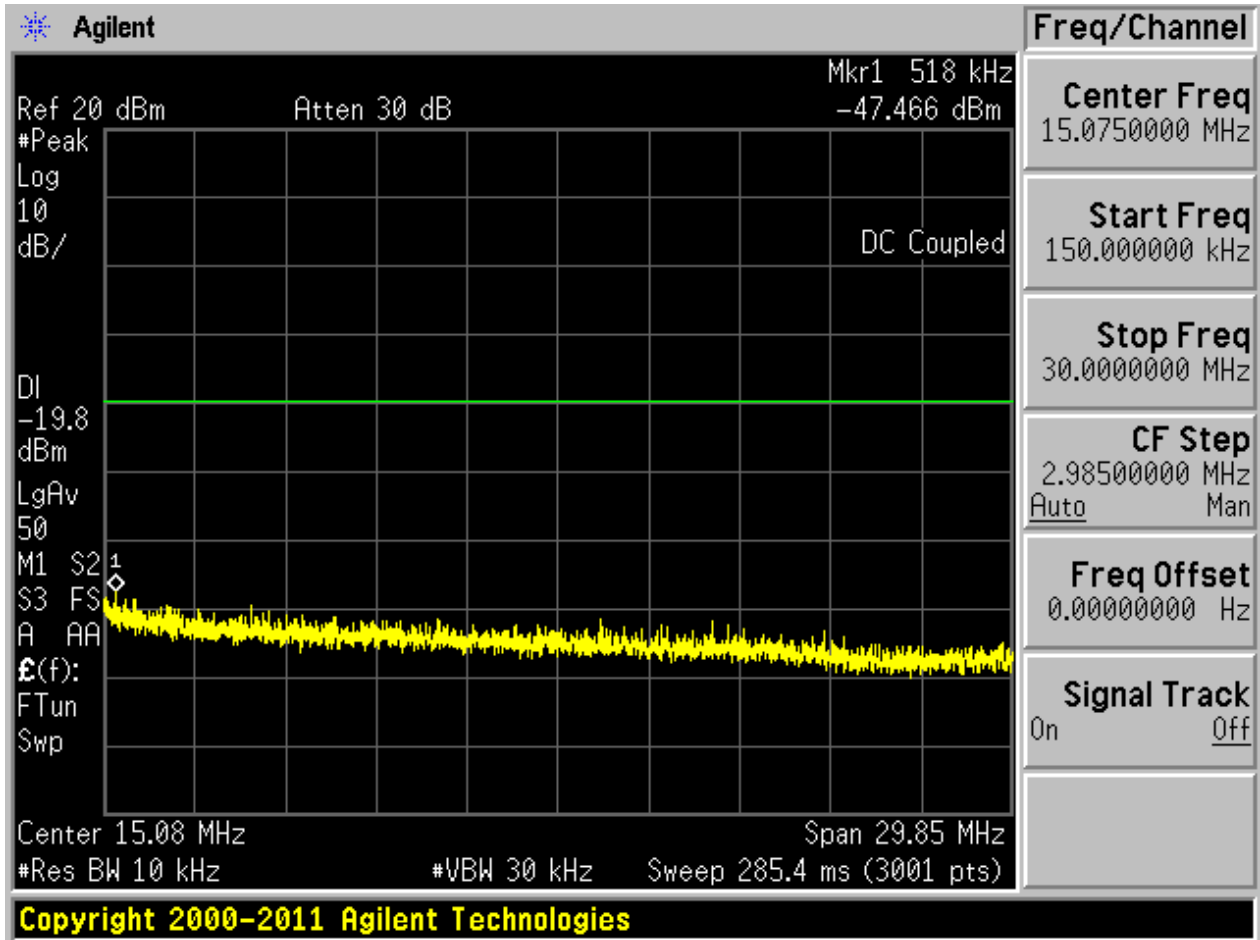
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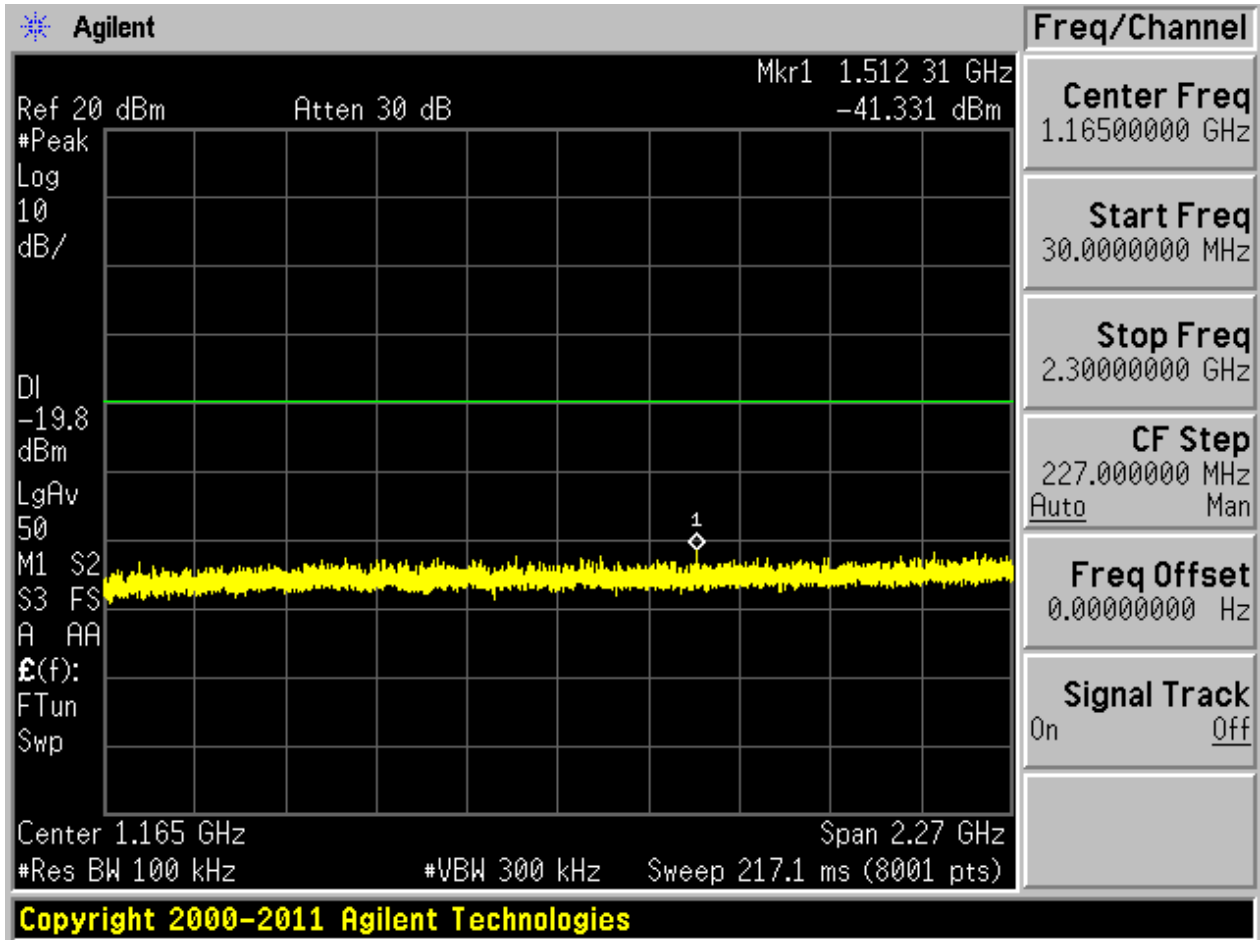
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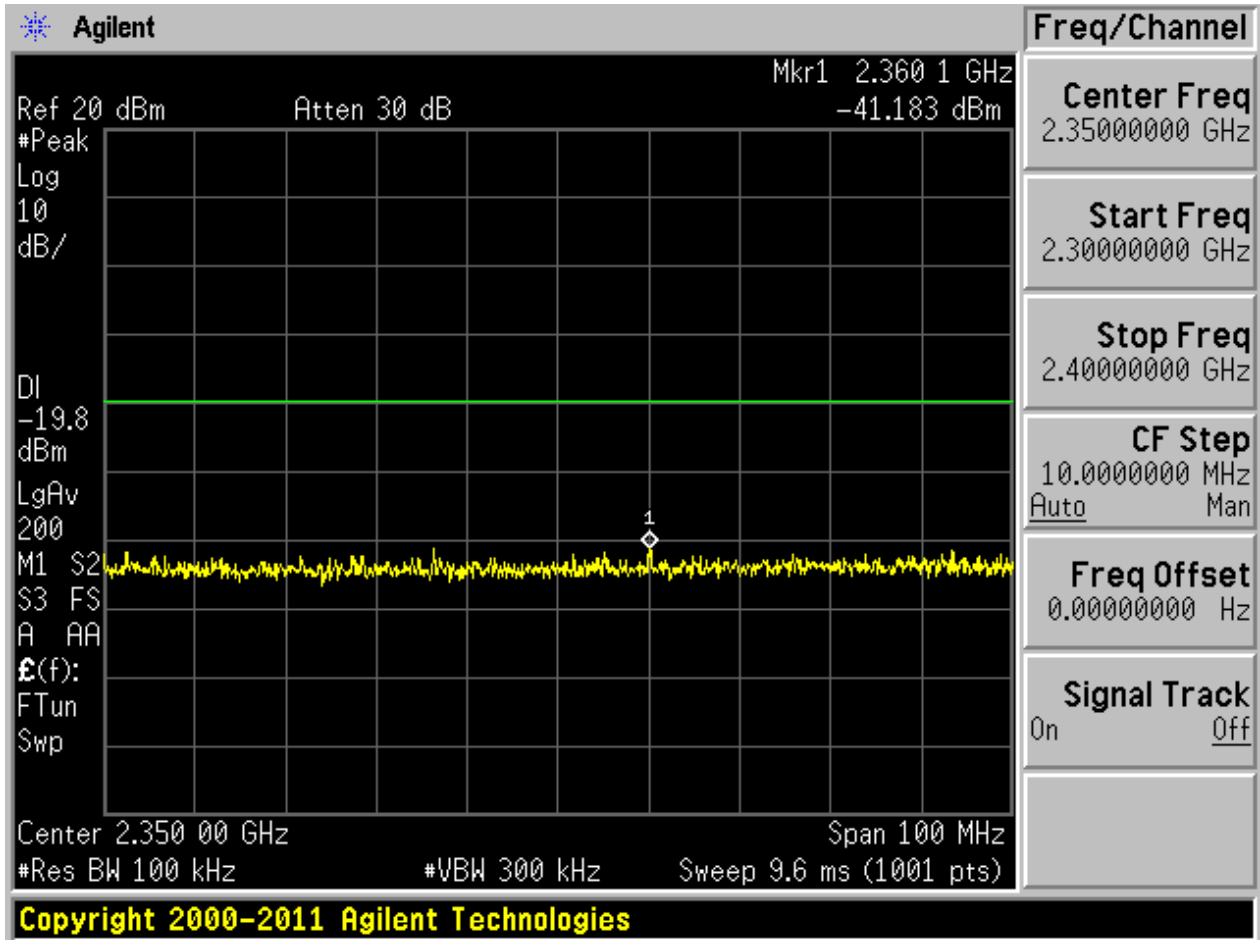


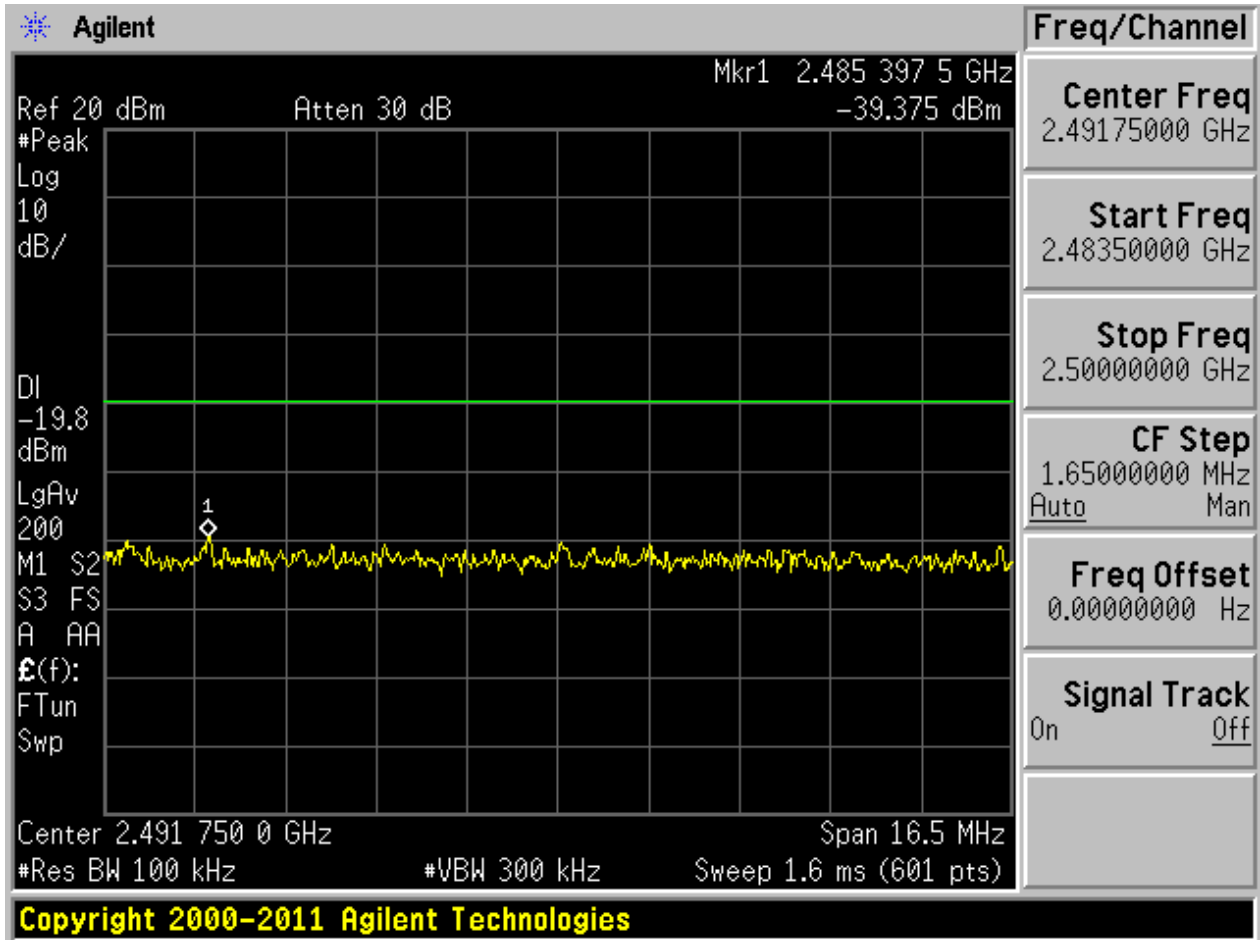
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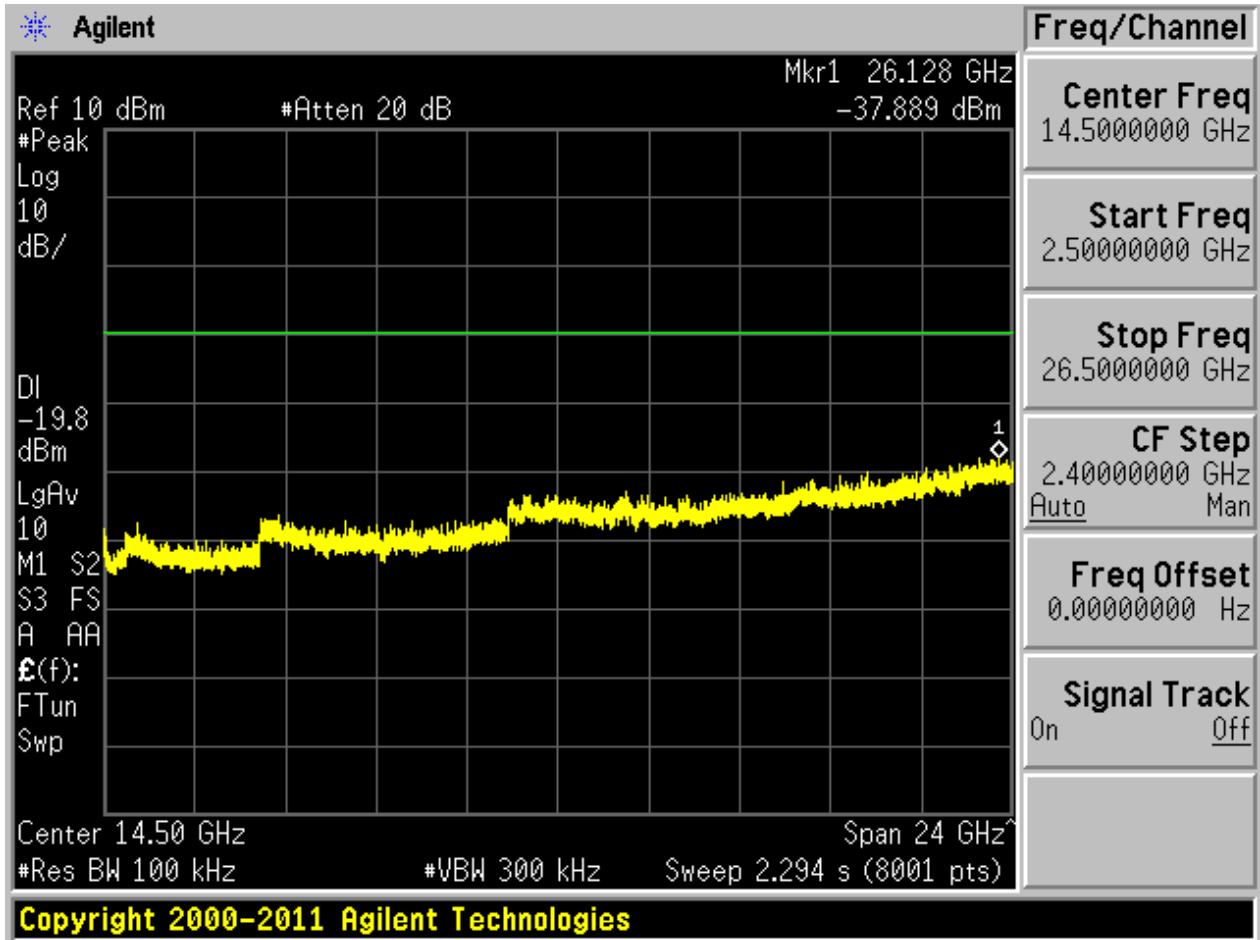






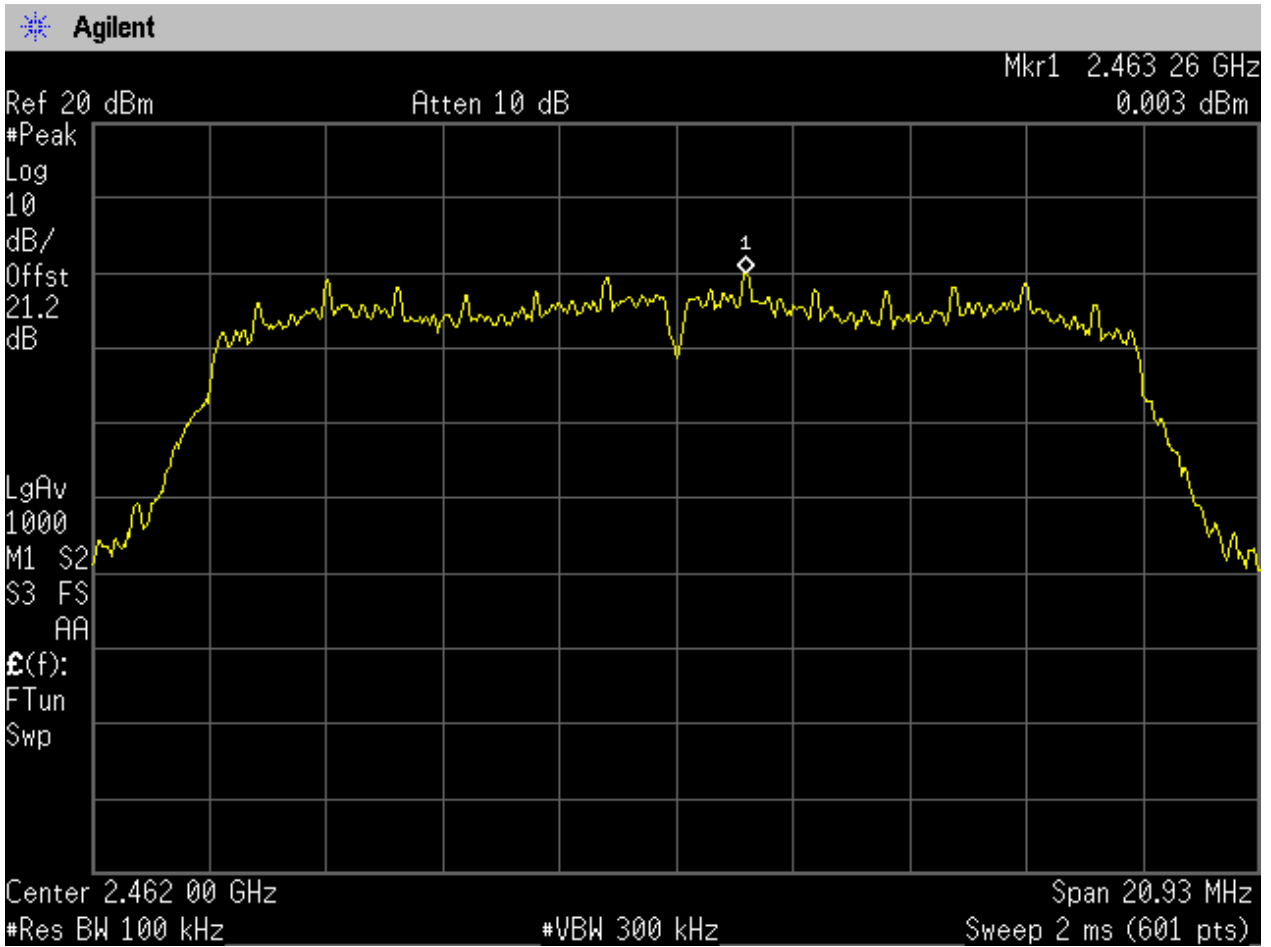




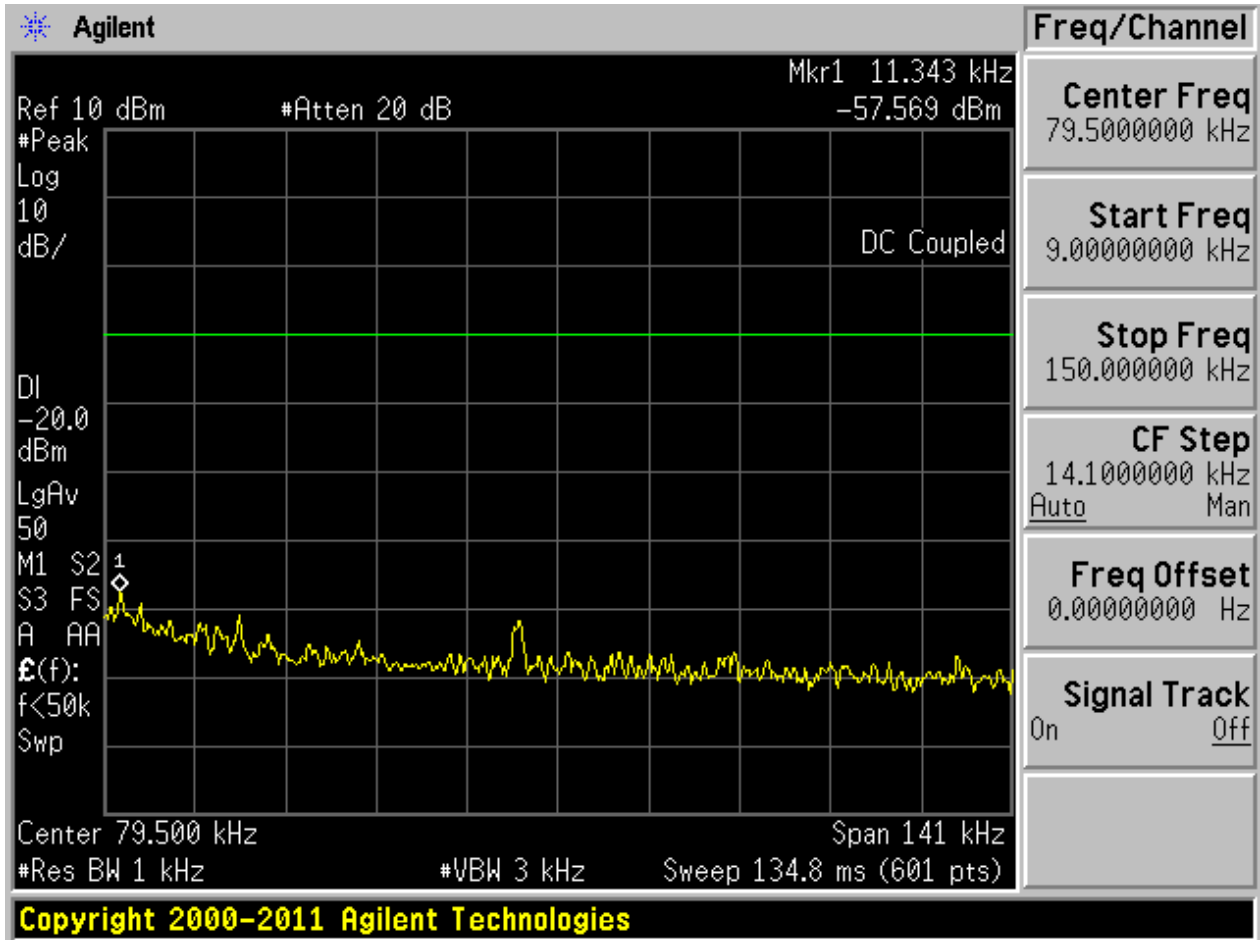


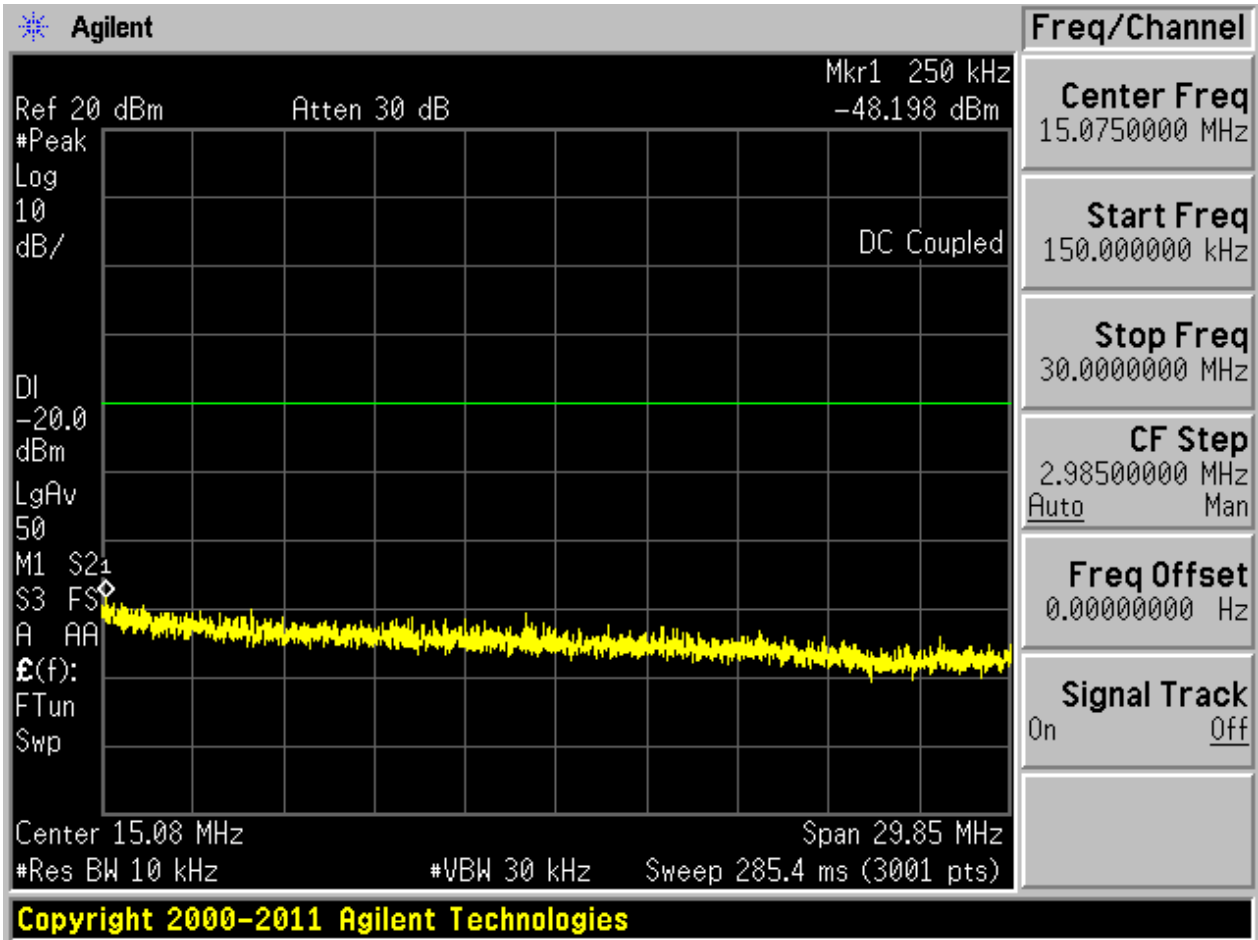
2.1211G/6_T@2

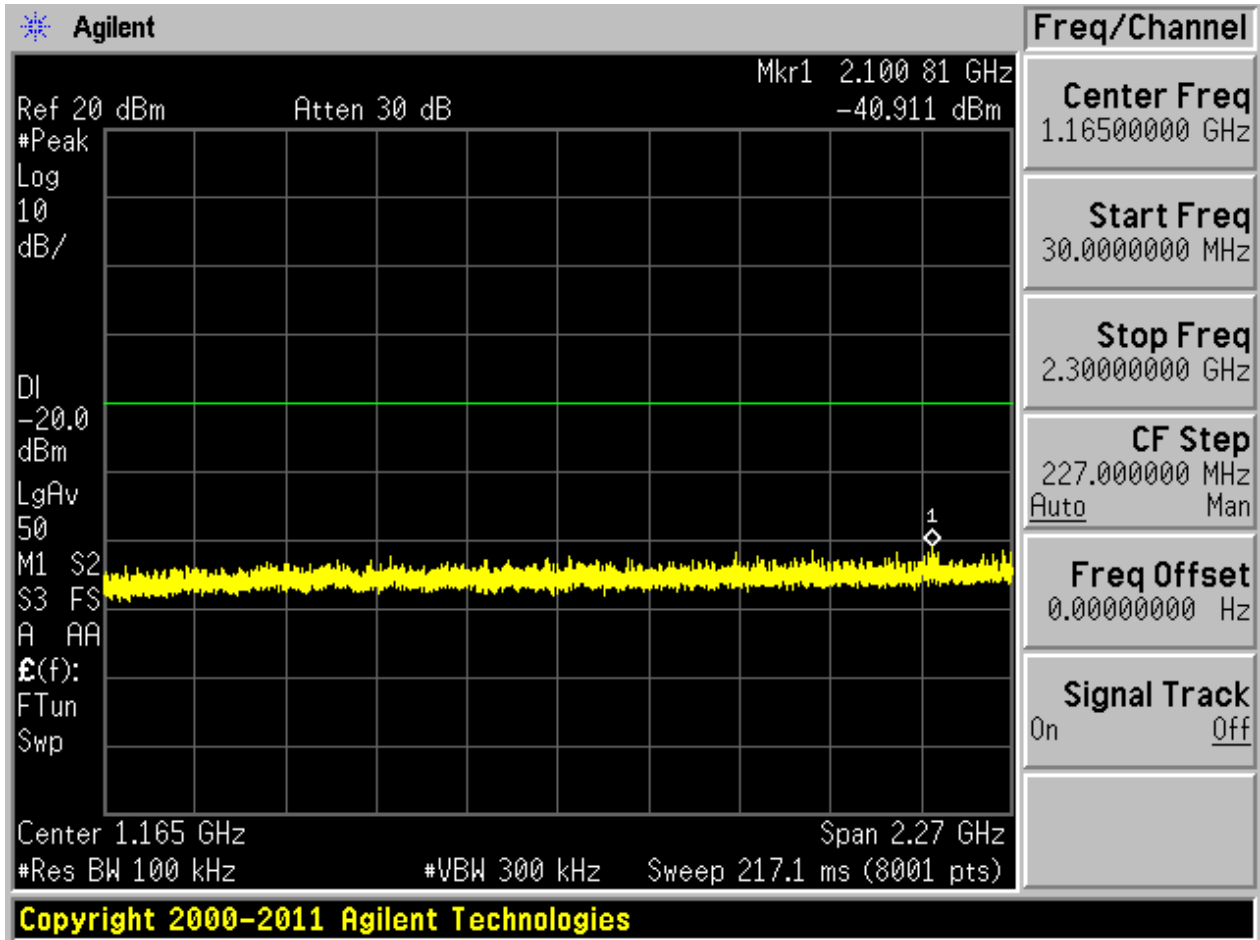
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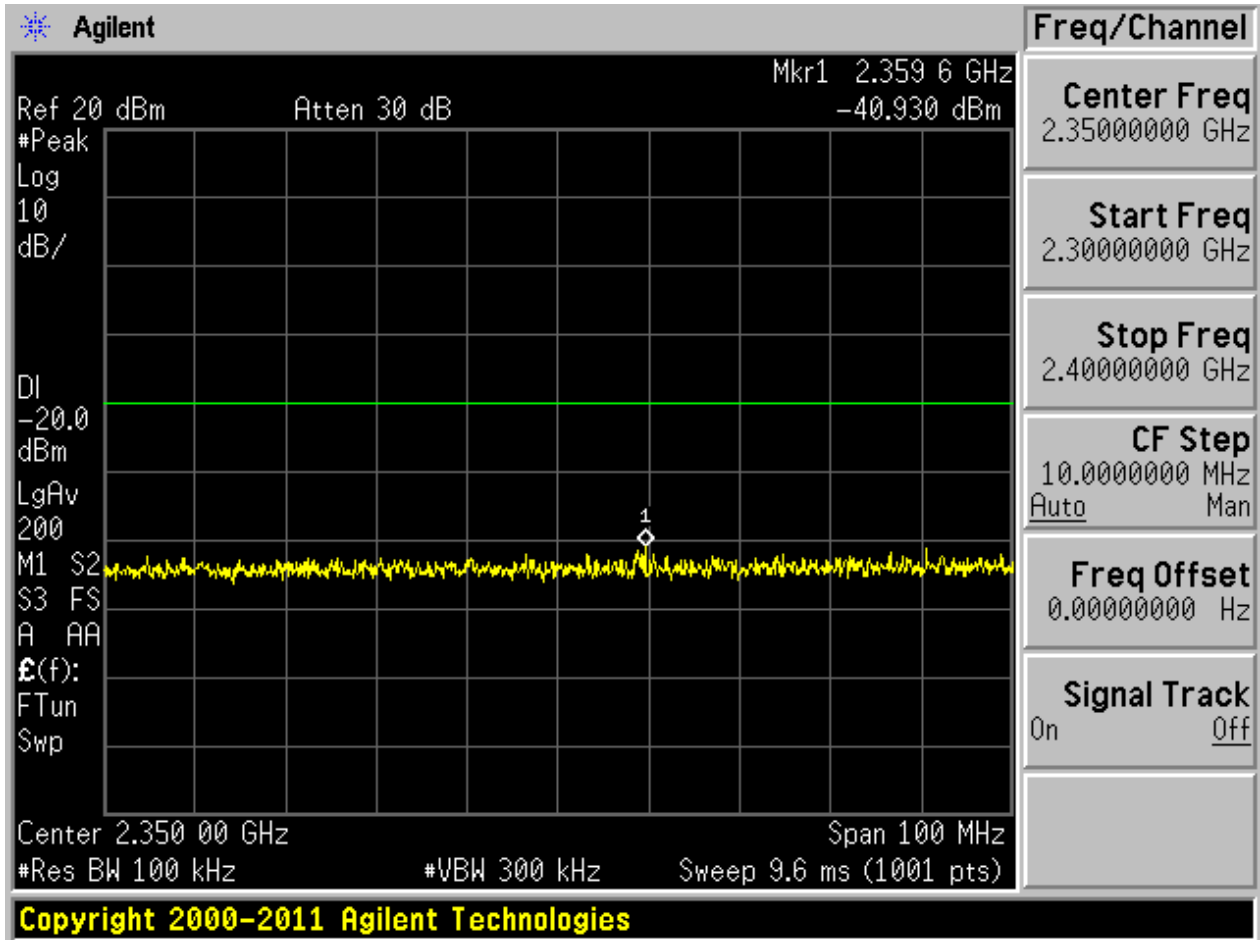


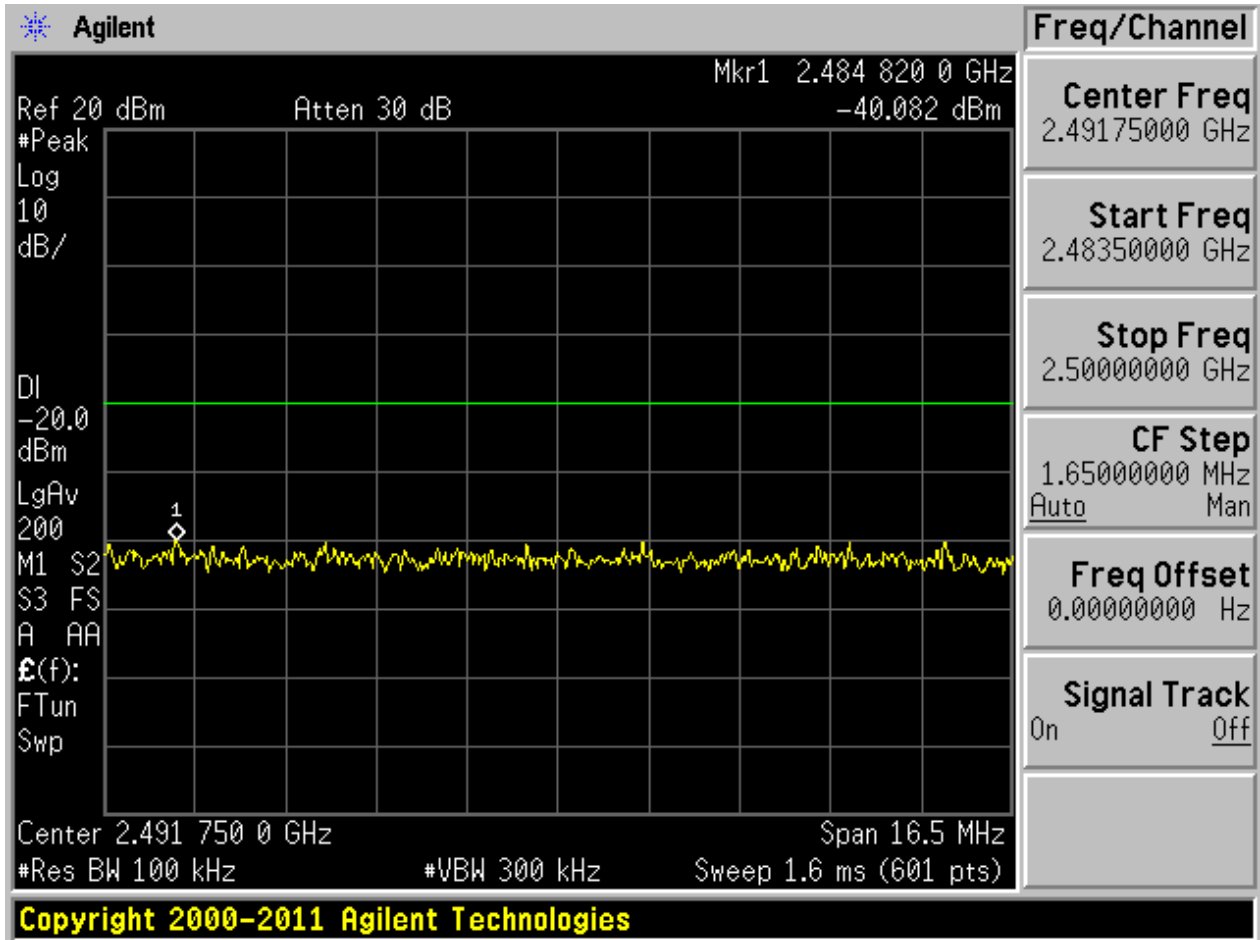
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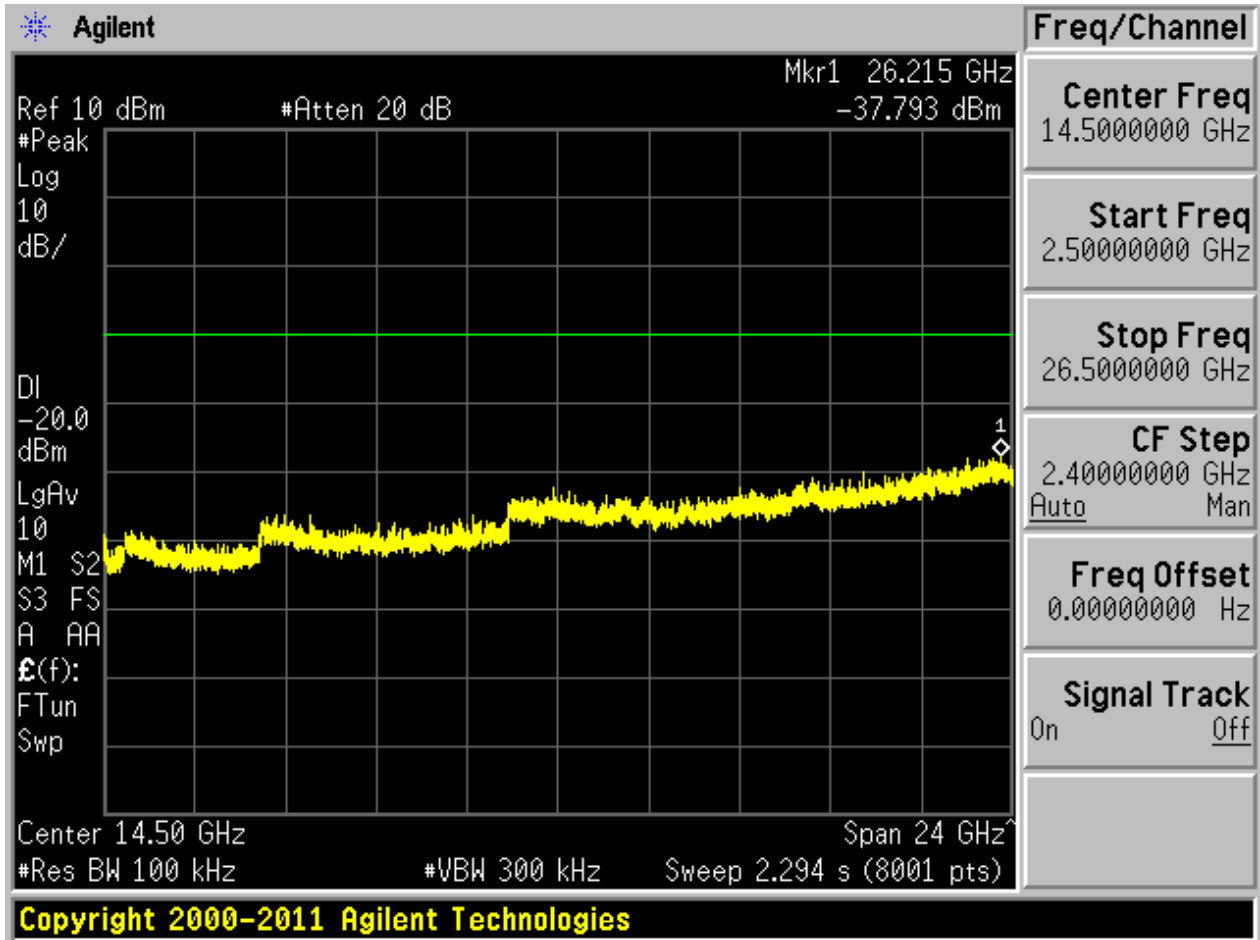






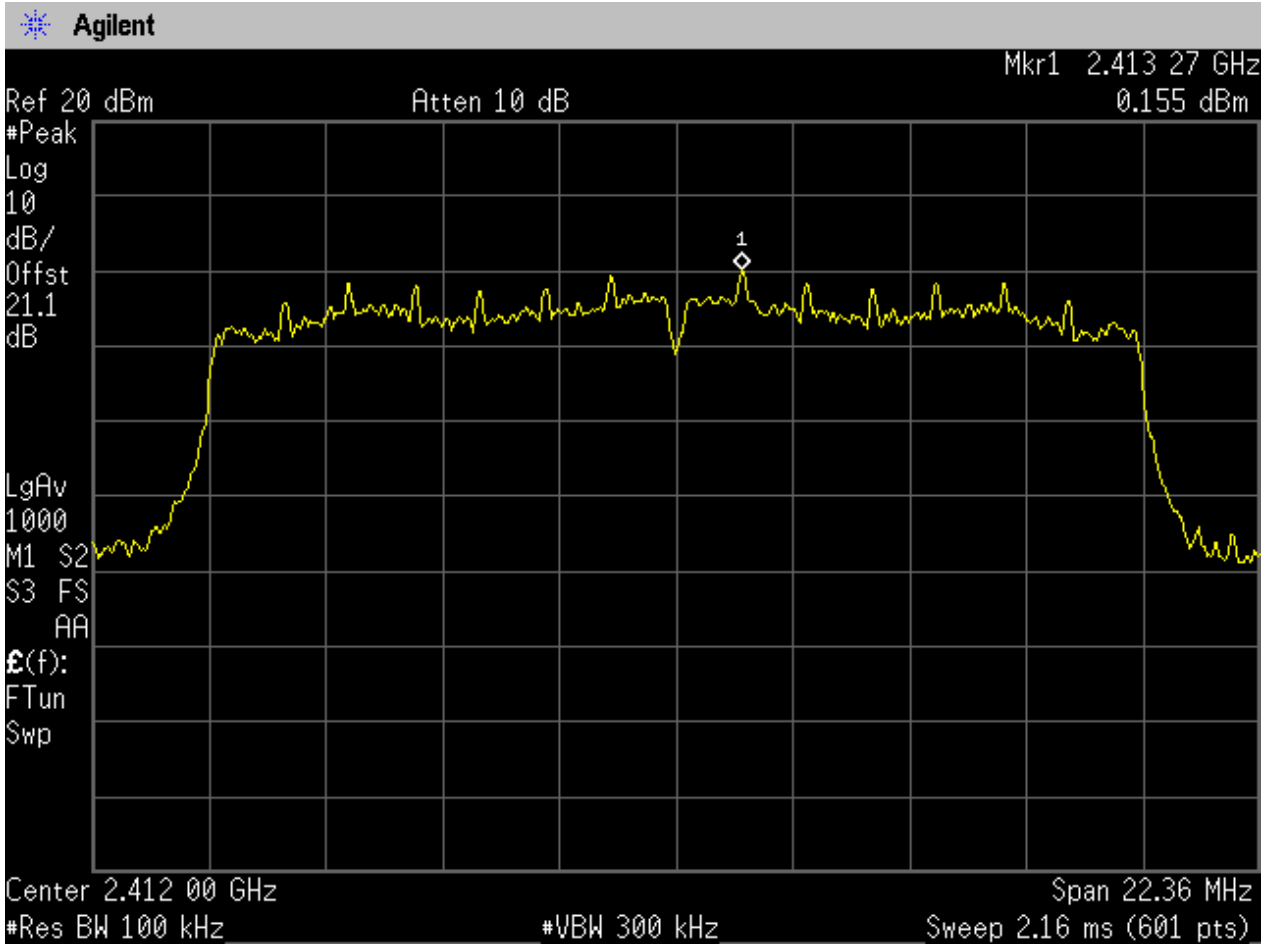




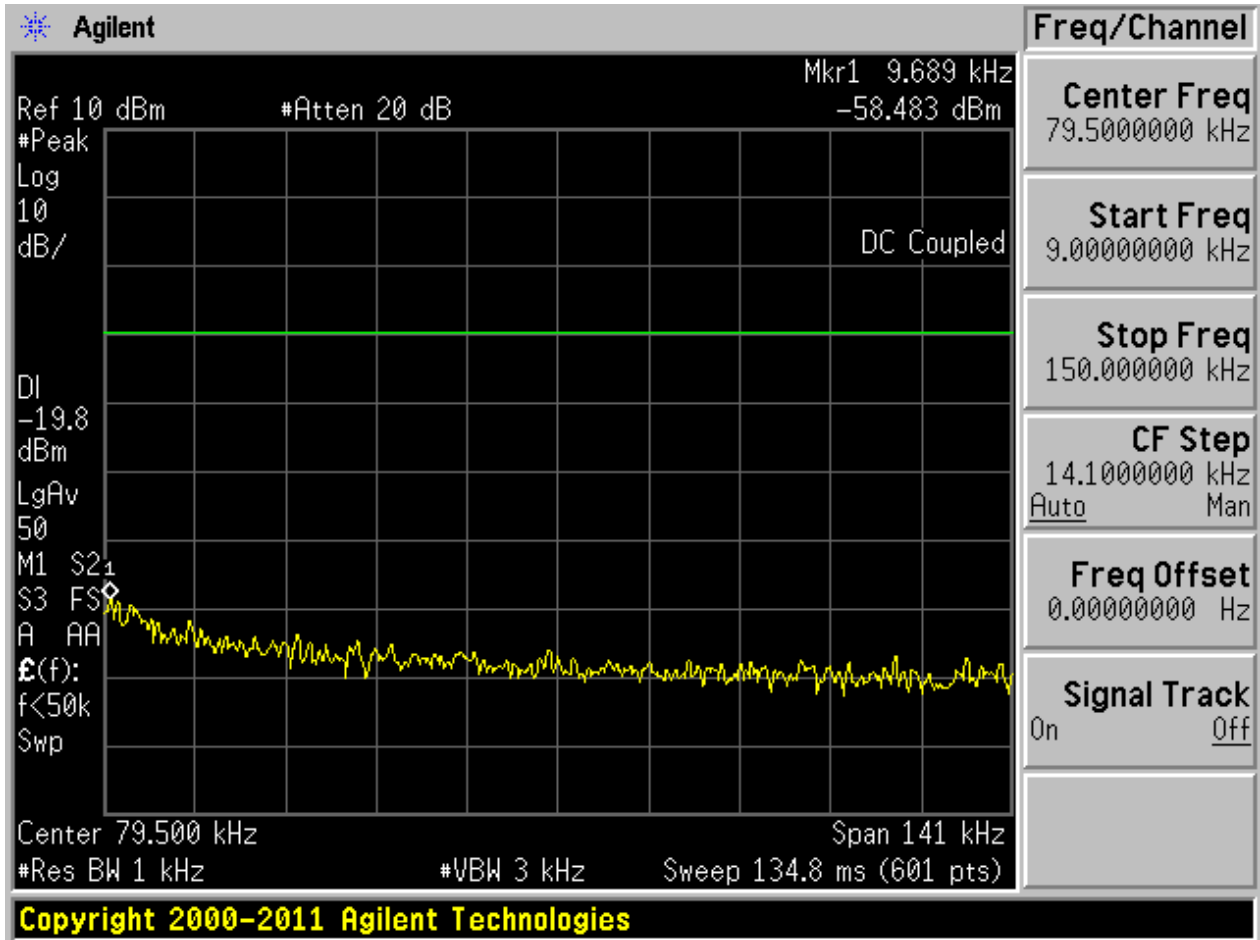


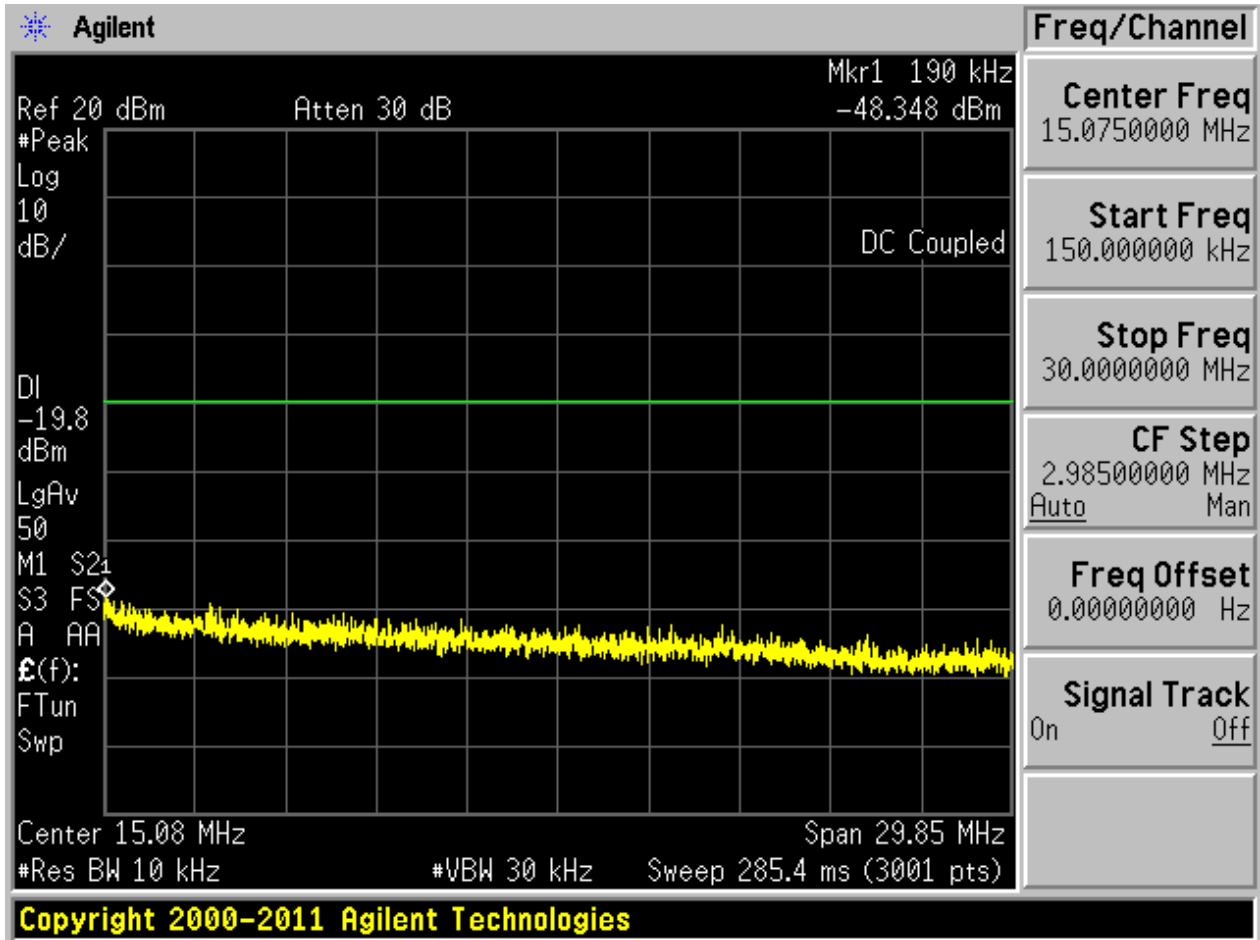
2.1311N20/0_B@1

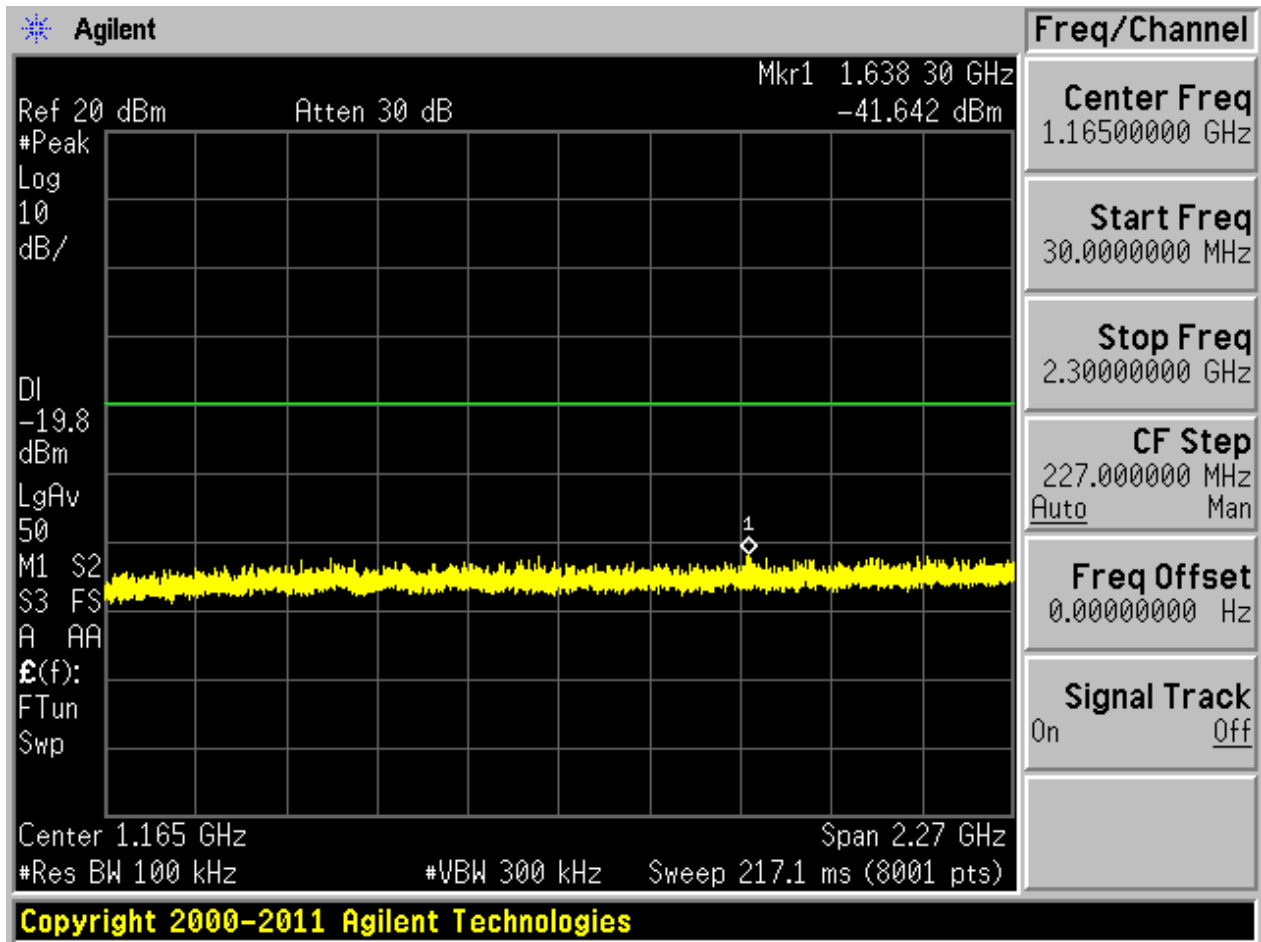
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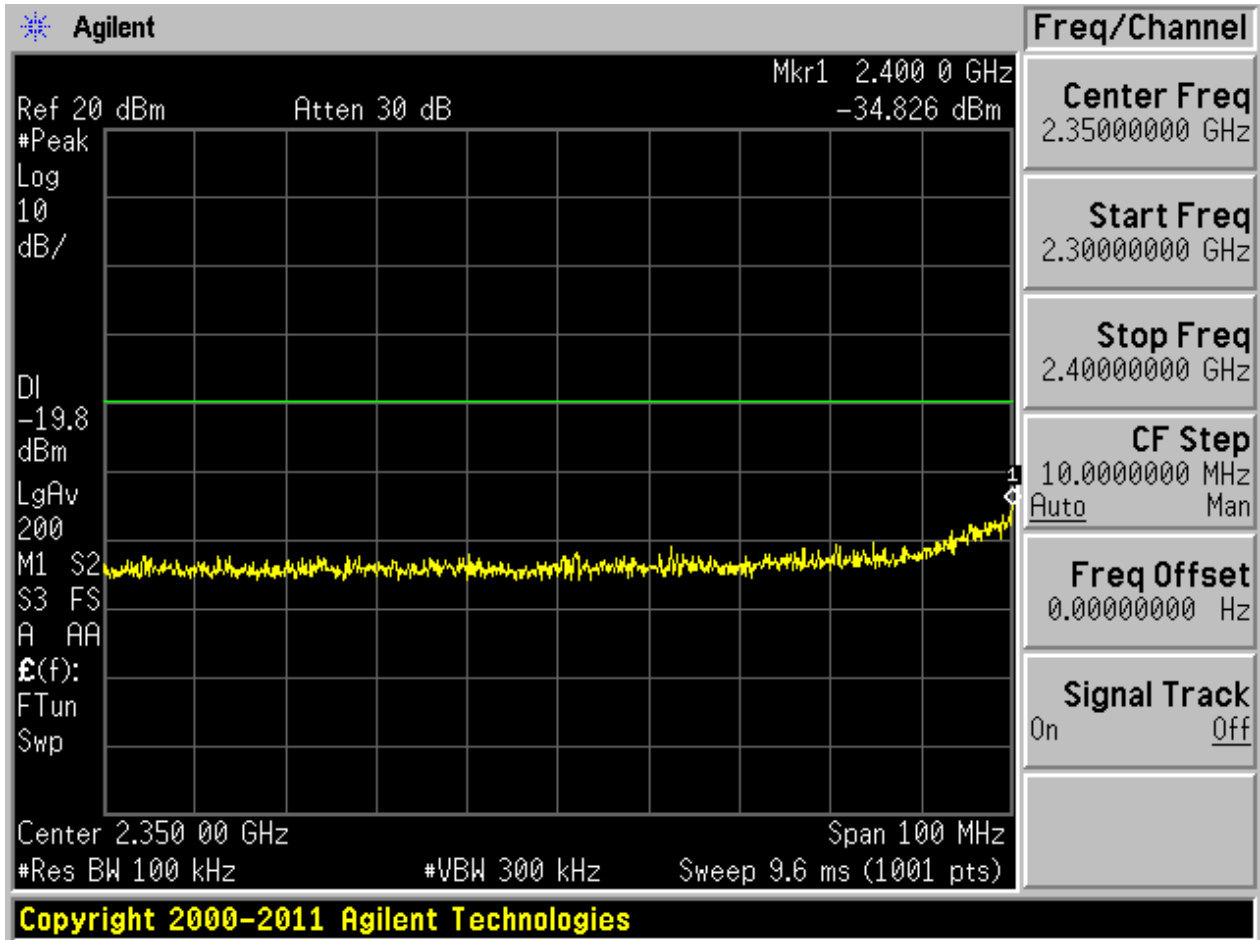


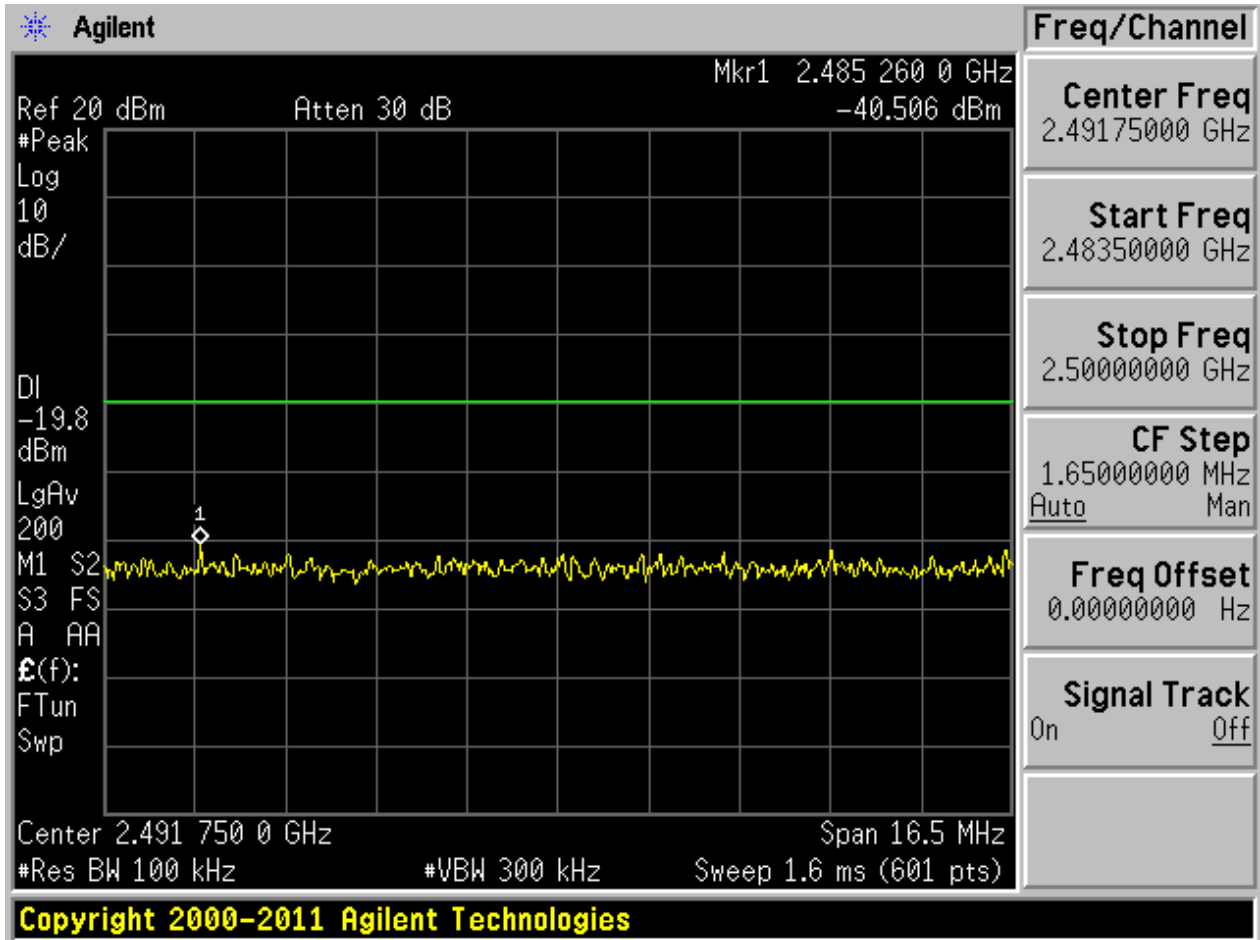
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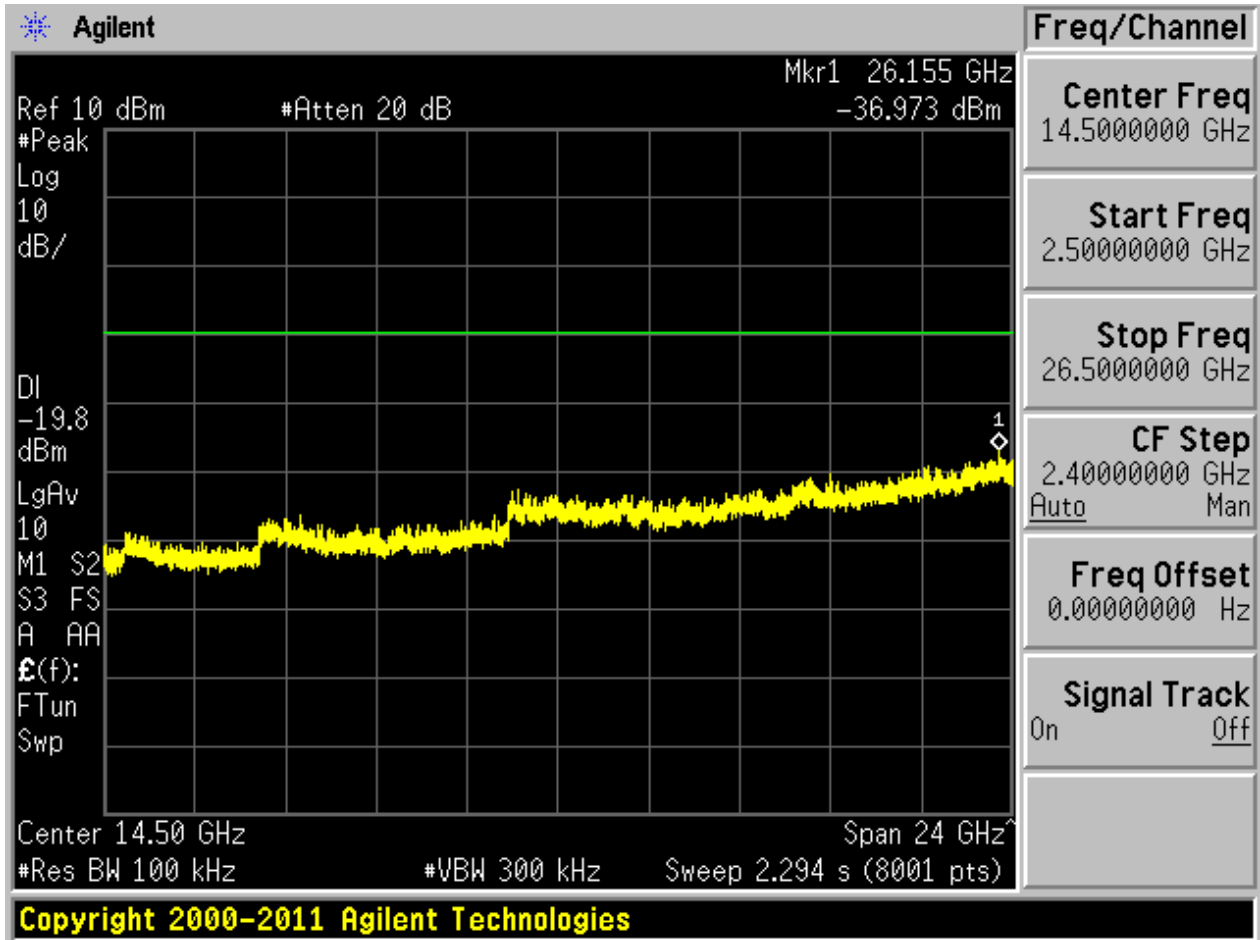






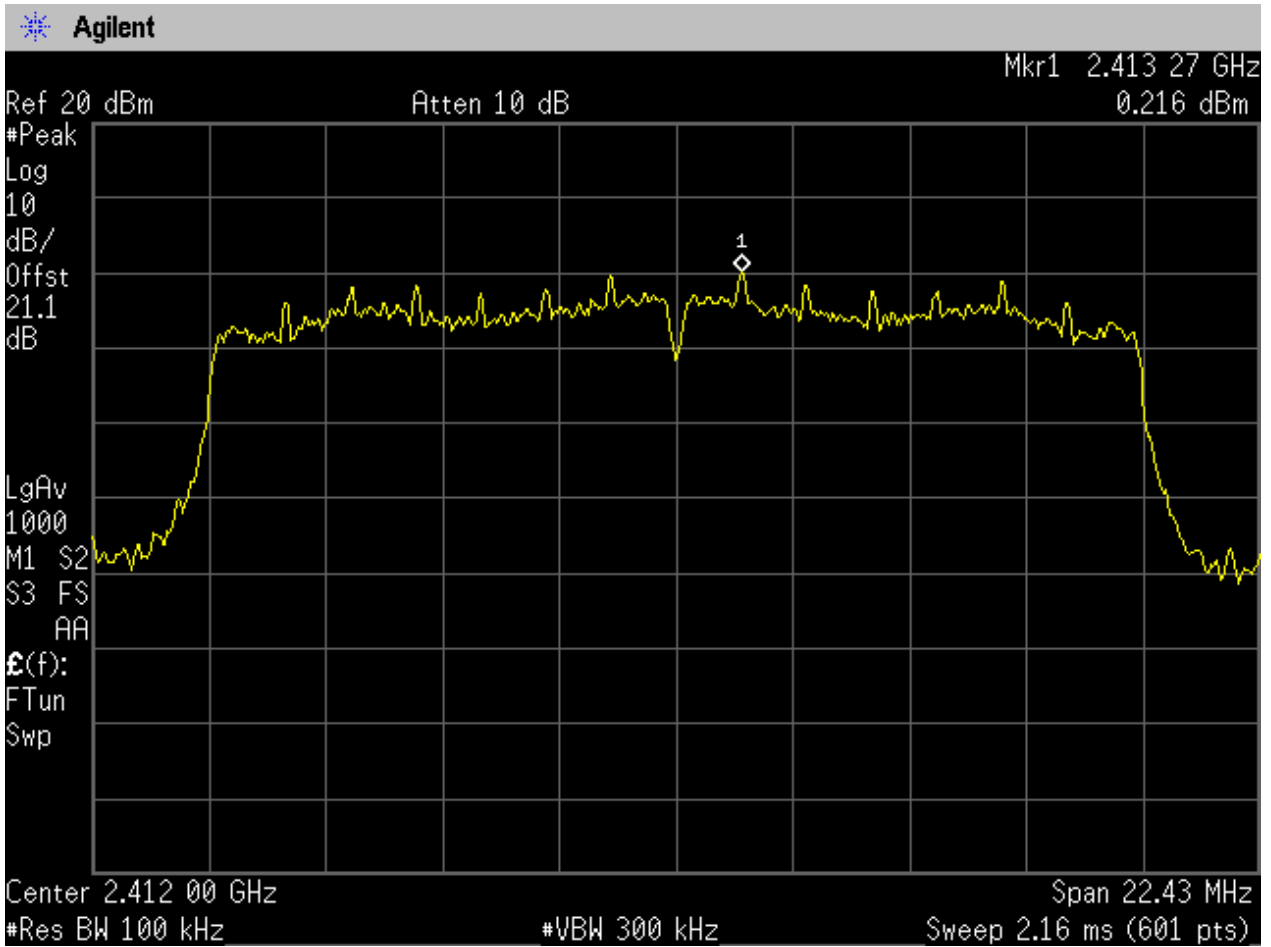




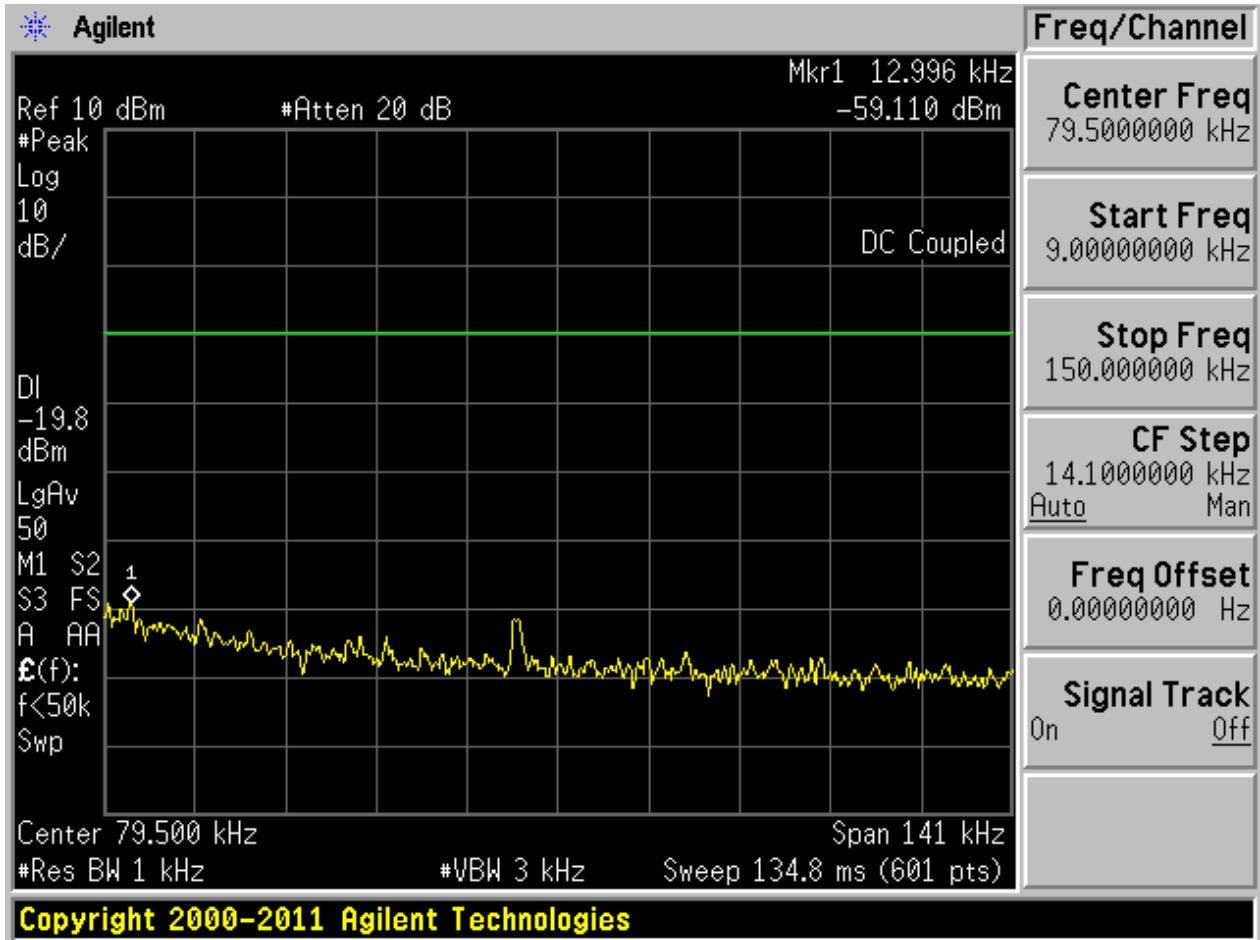


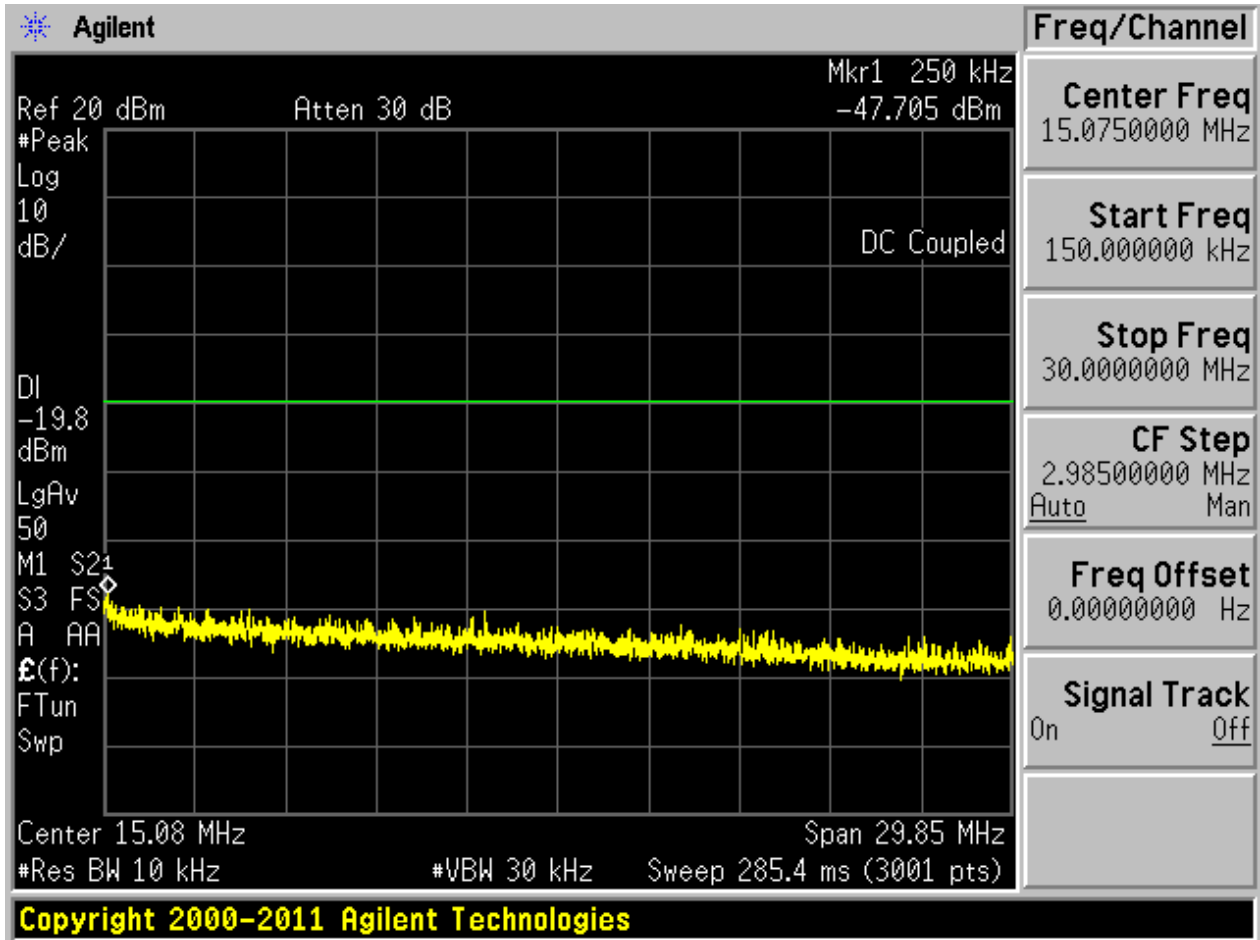
2.1411N20/0_B@2

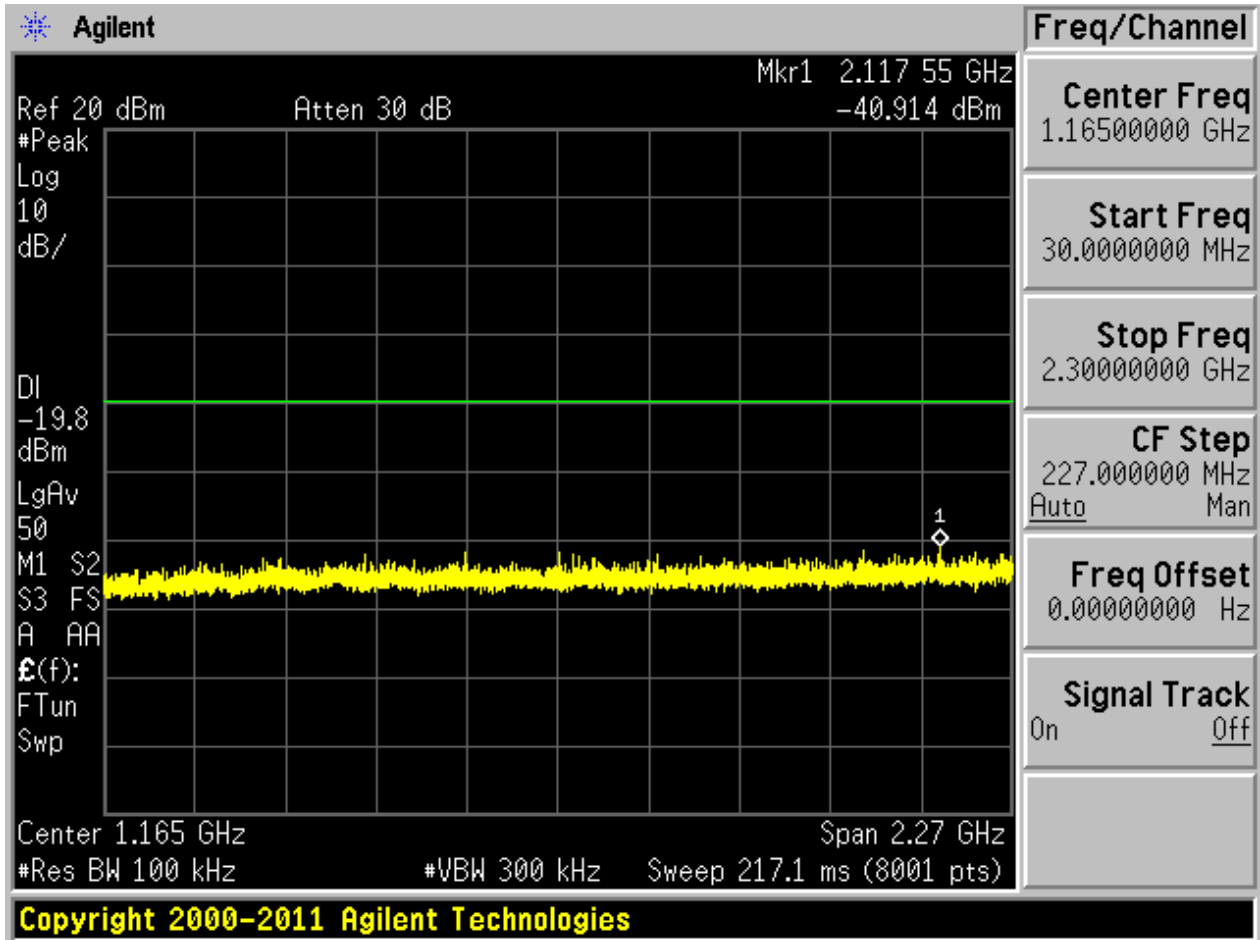
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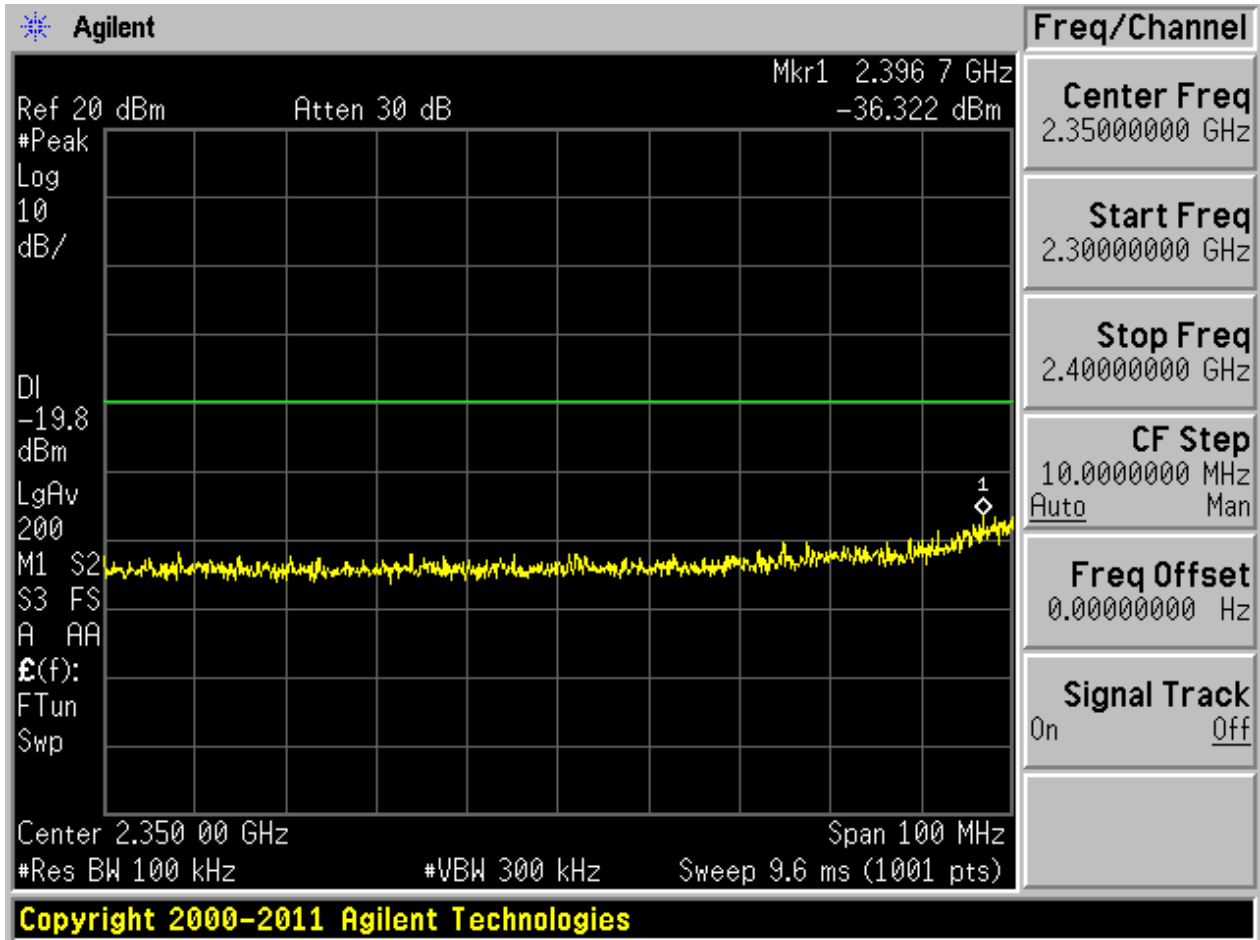


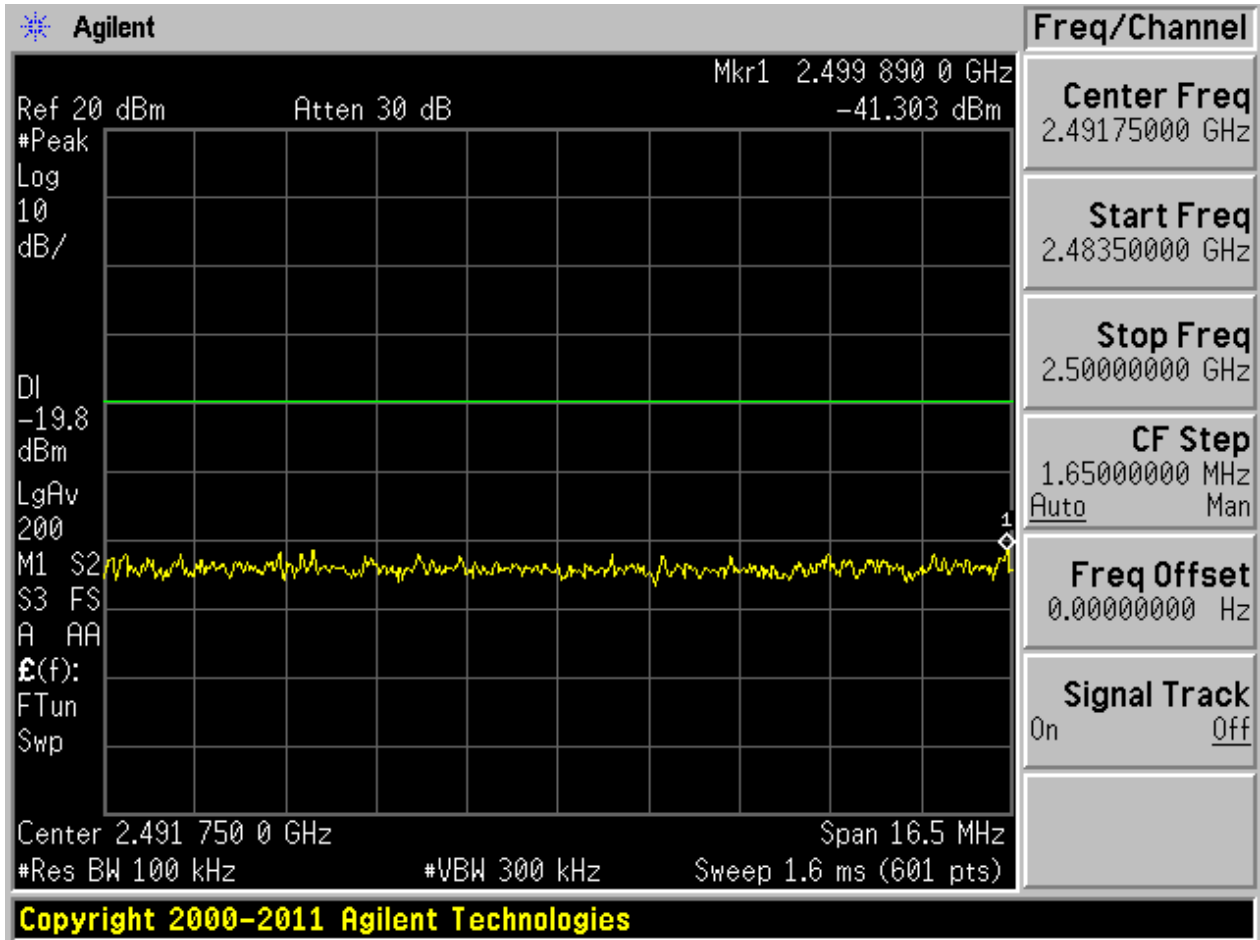
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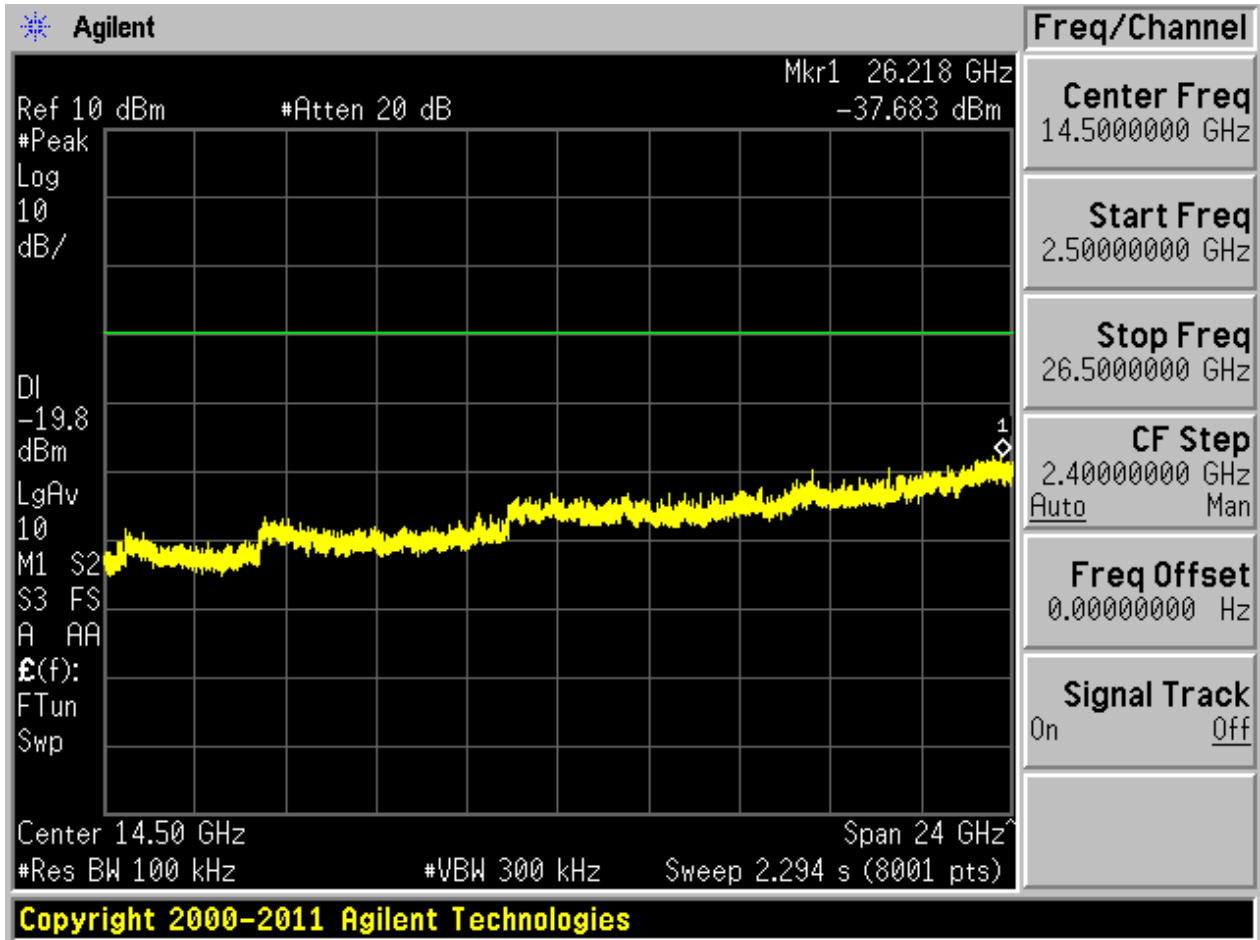






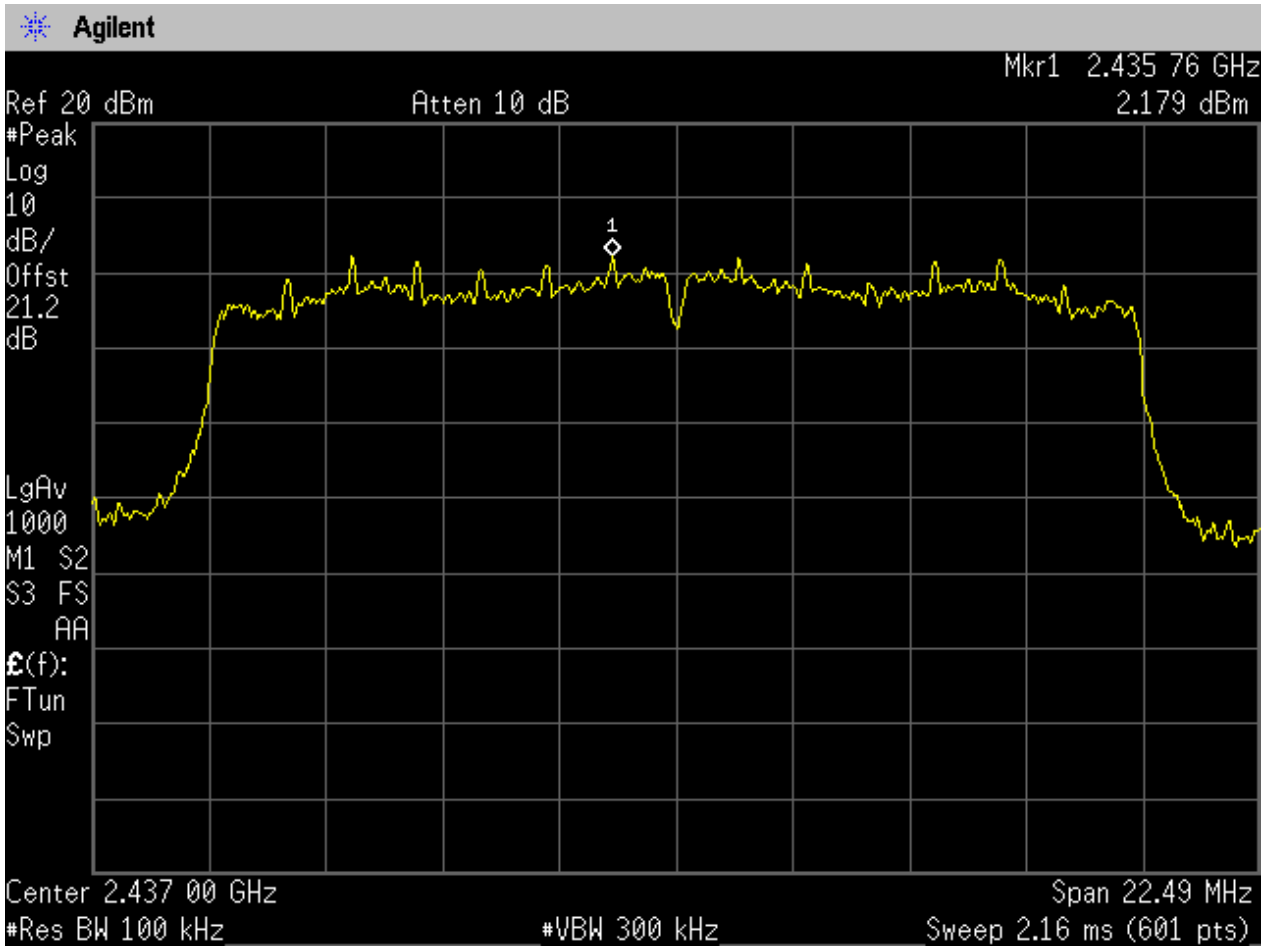




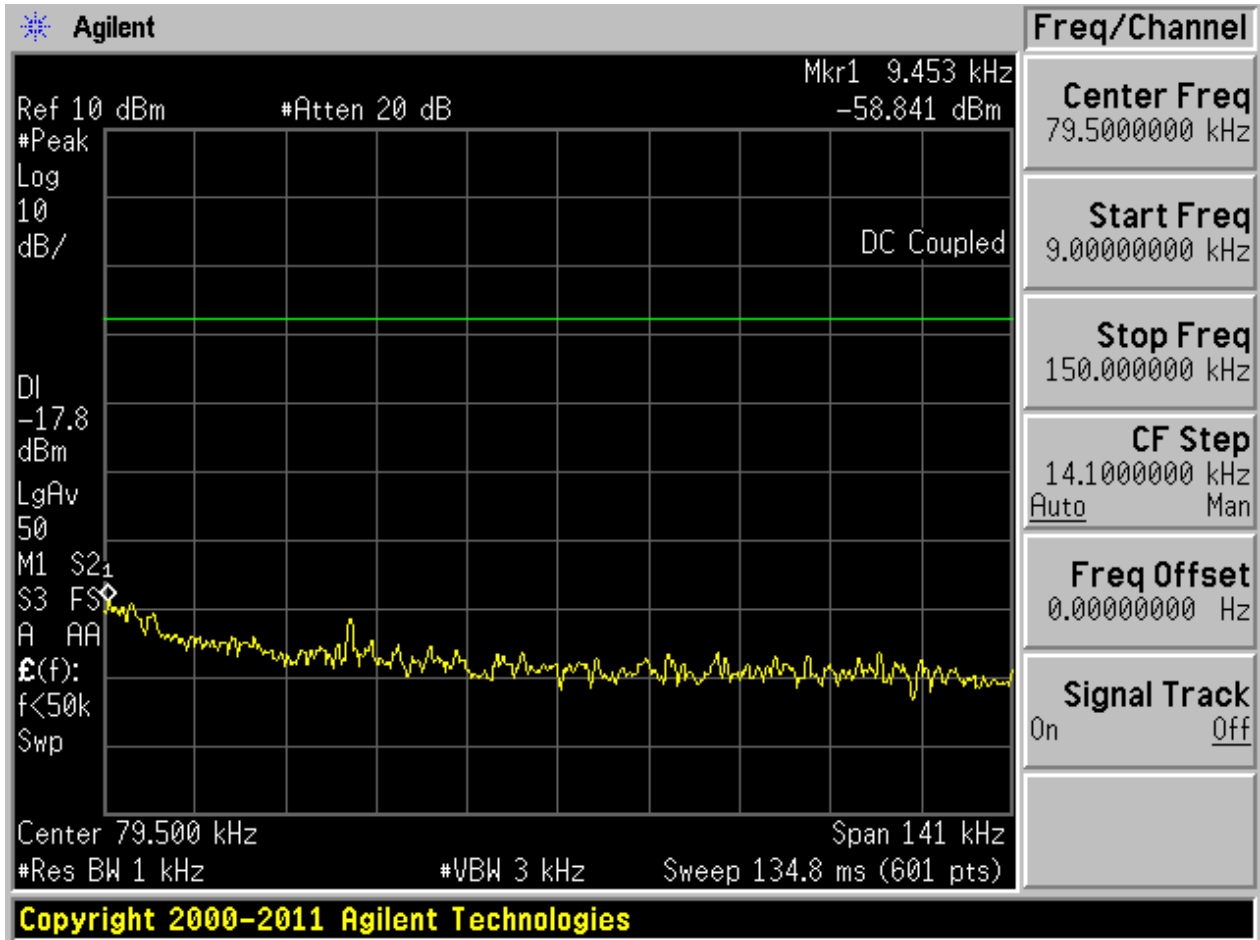


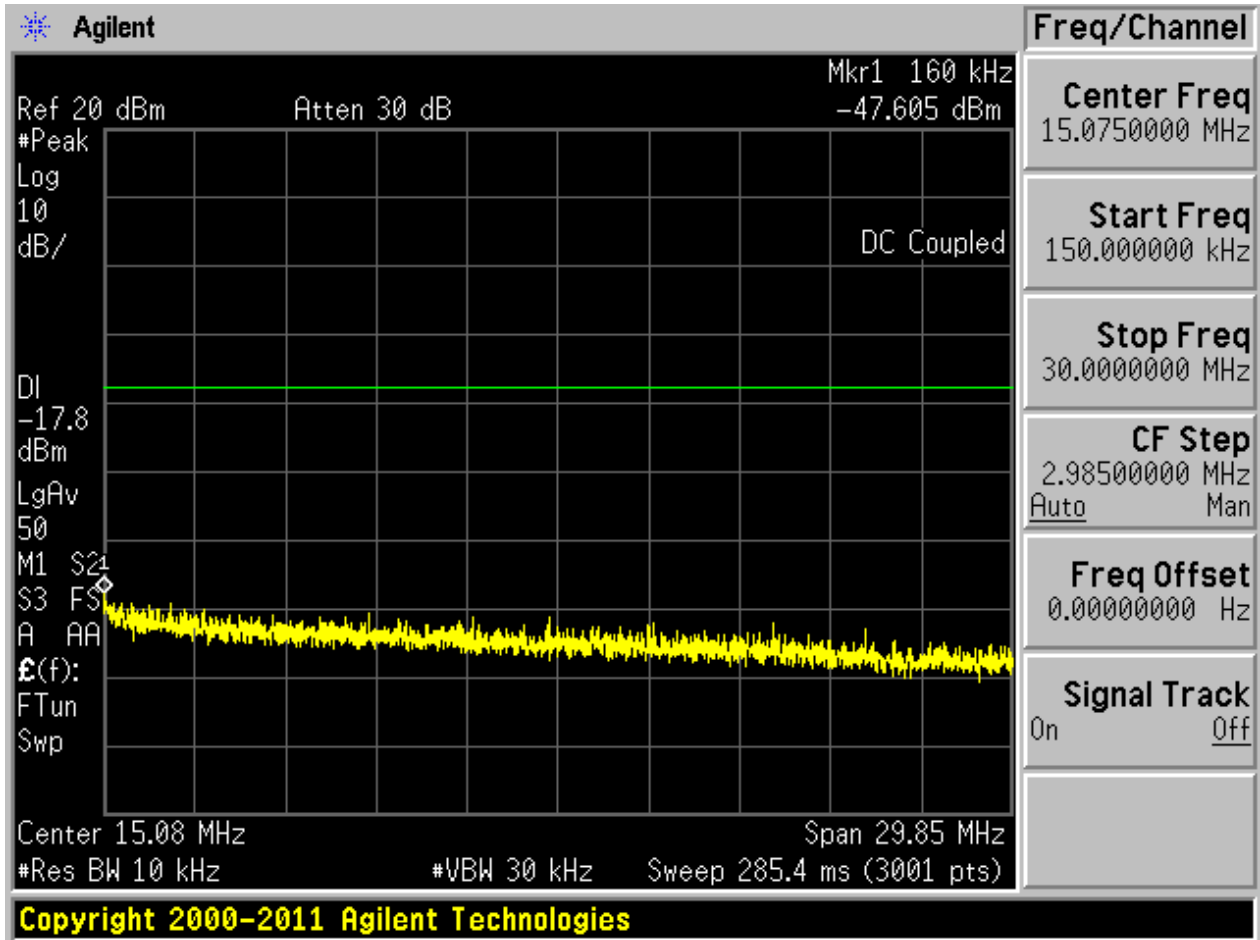
2.1511N20/0_M@1

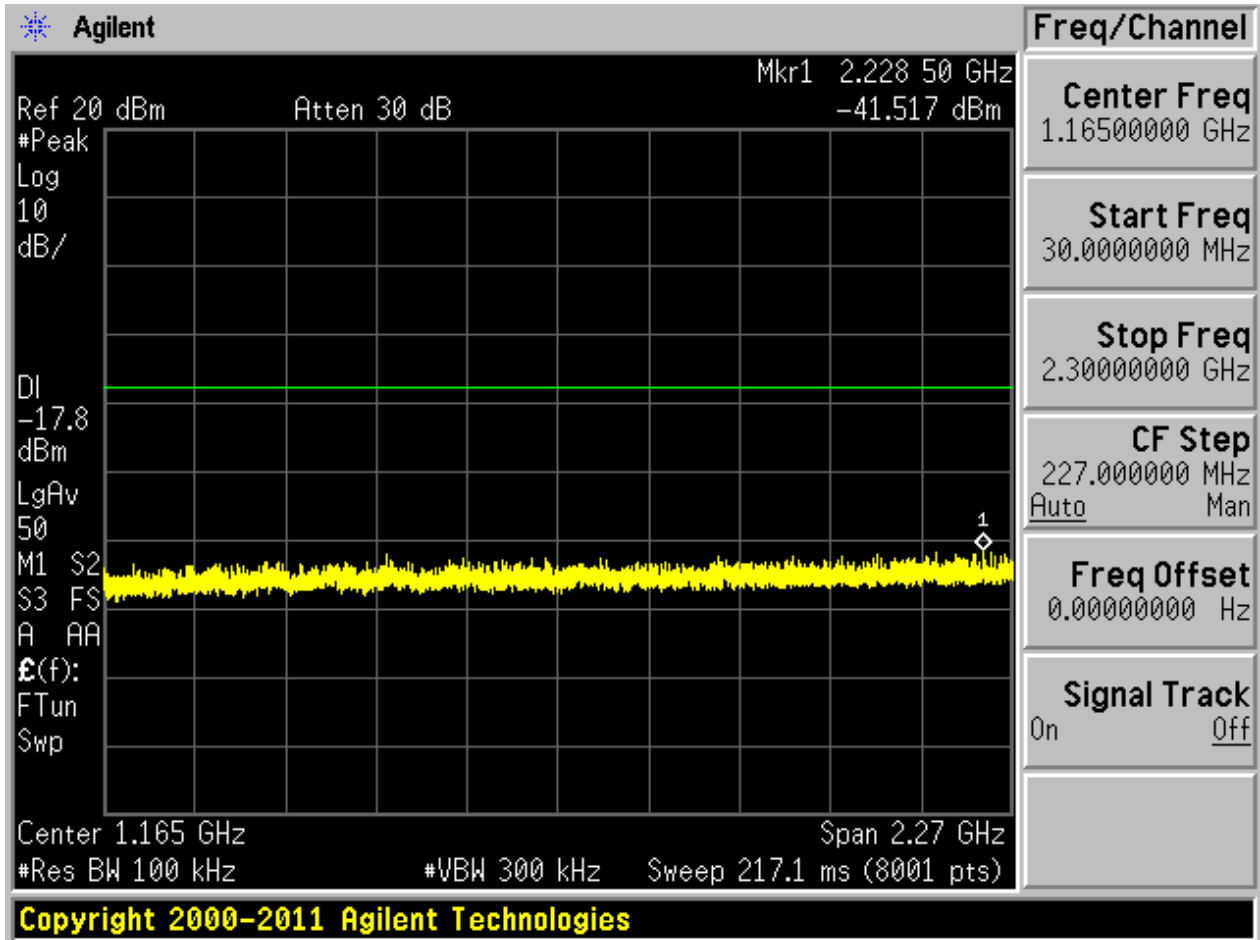
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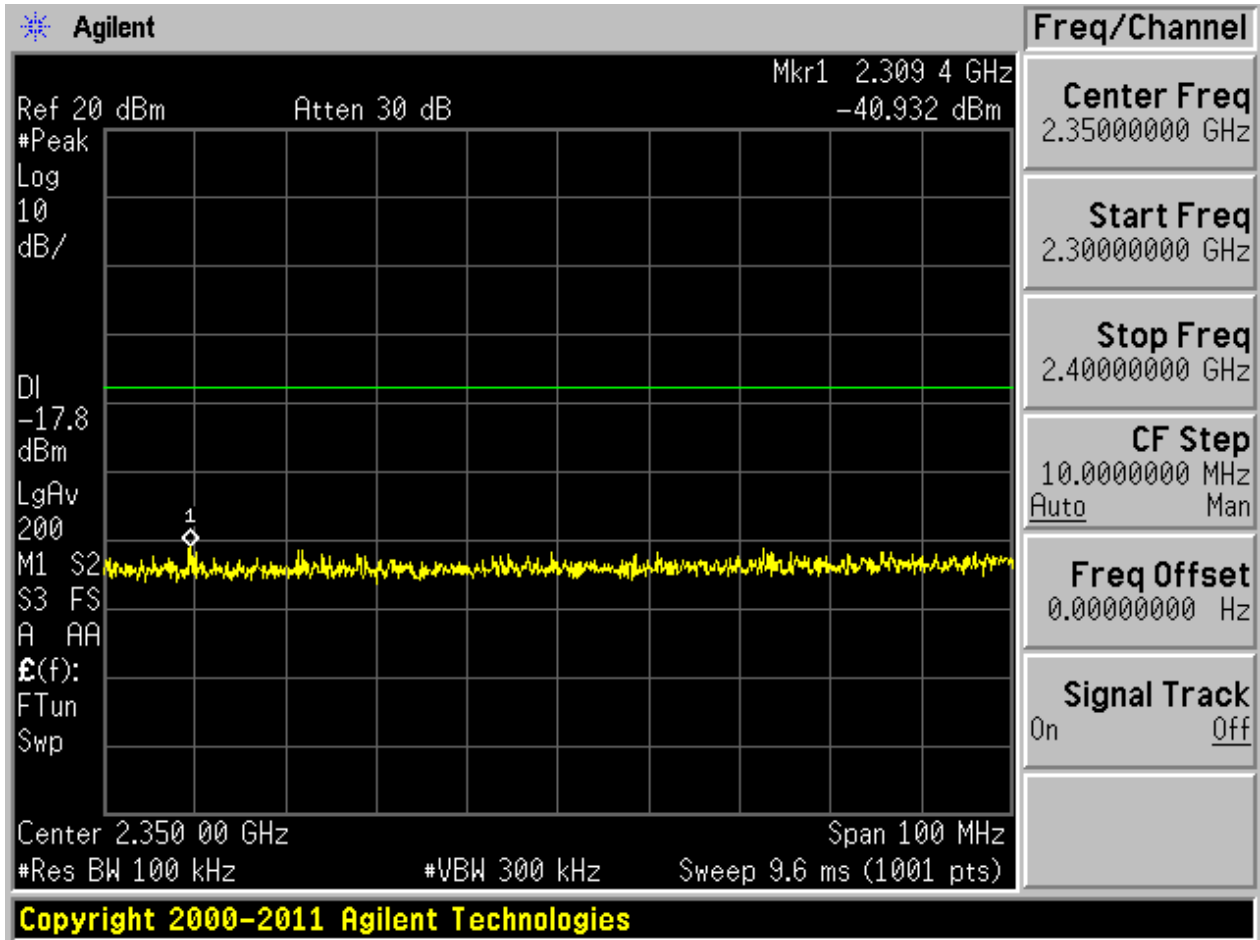


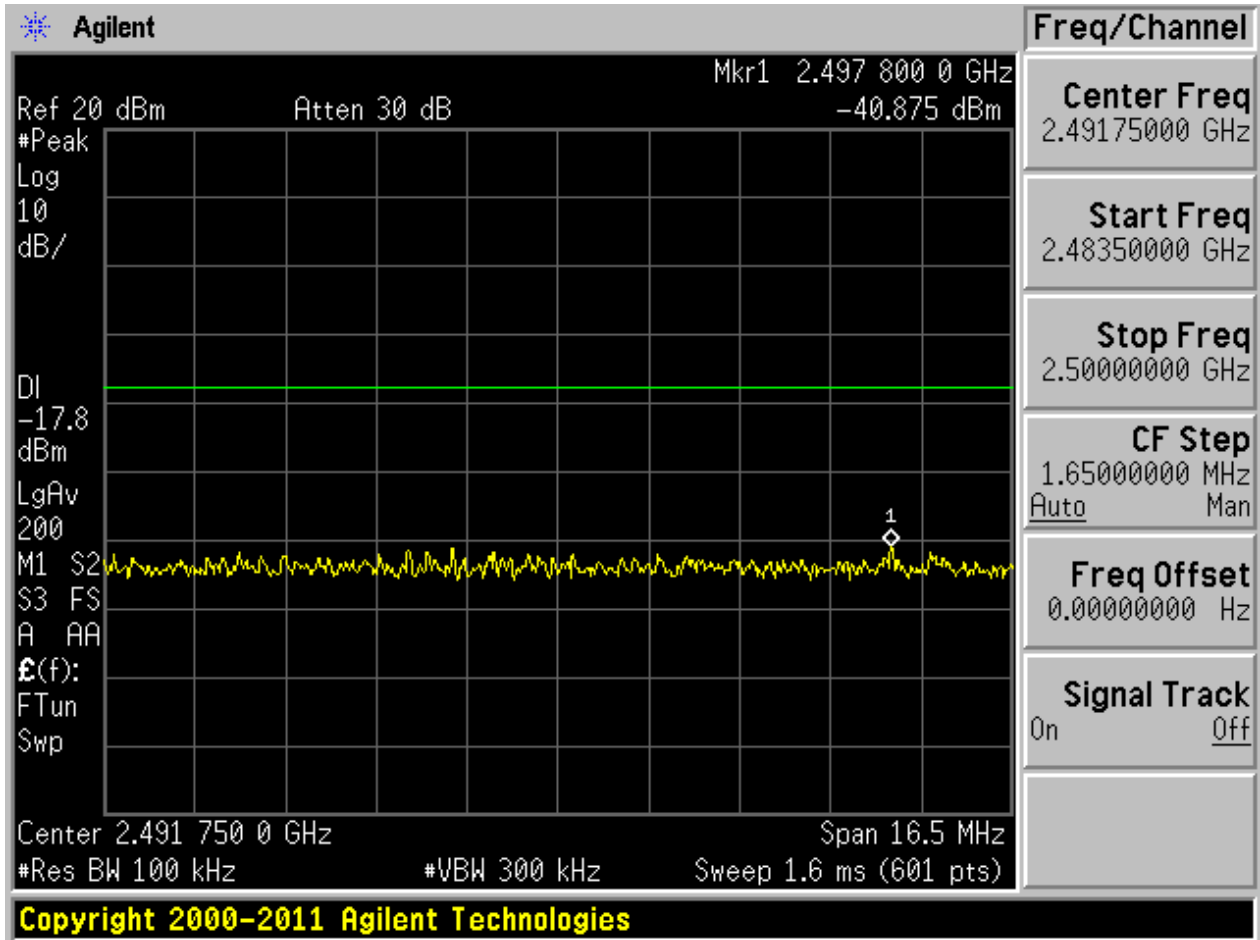
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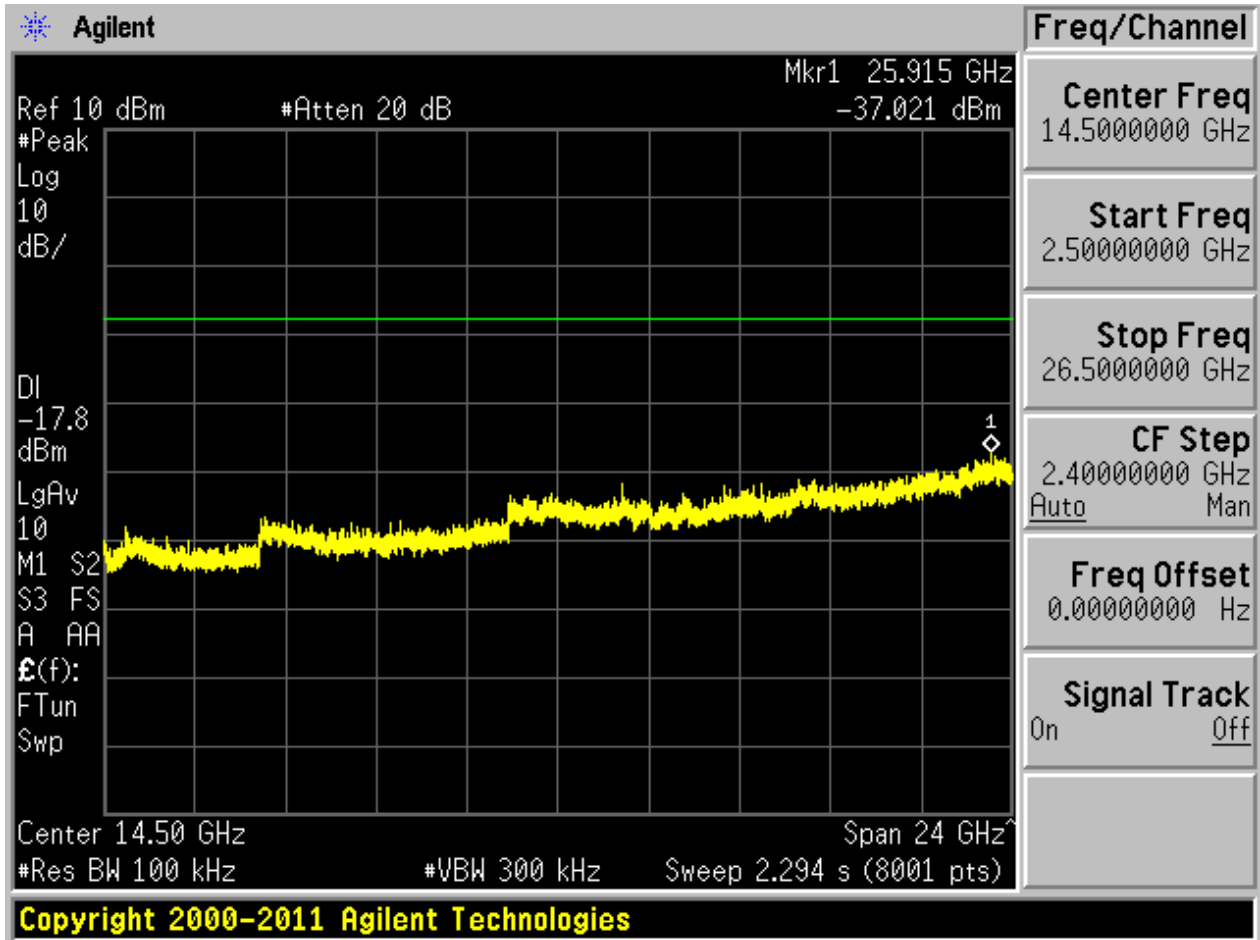






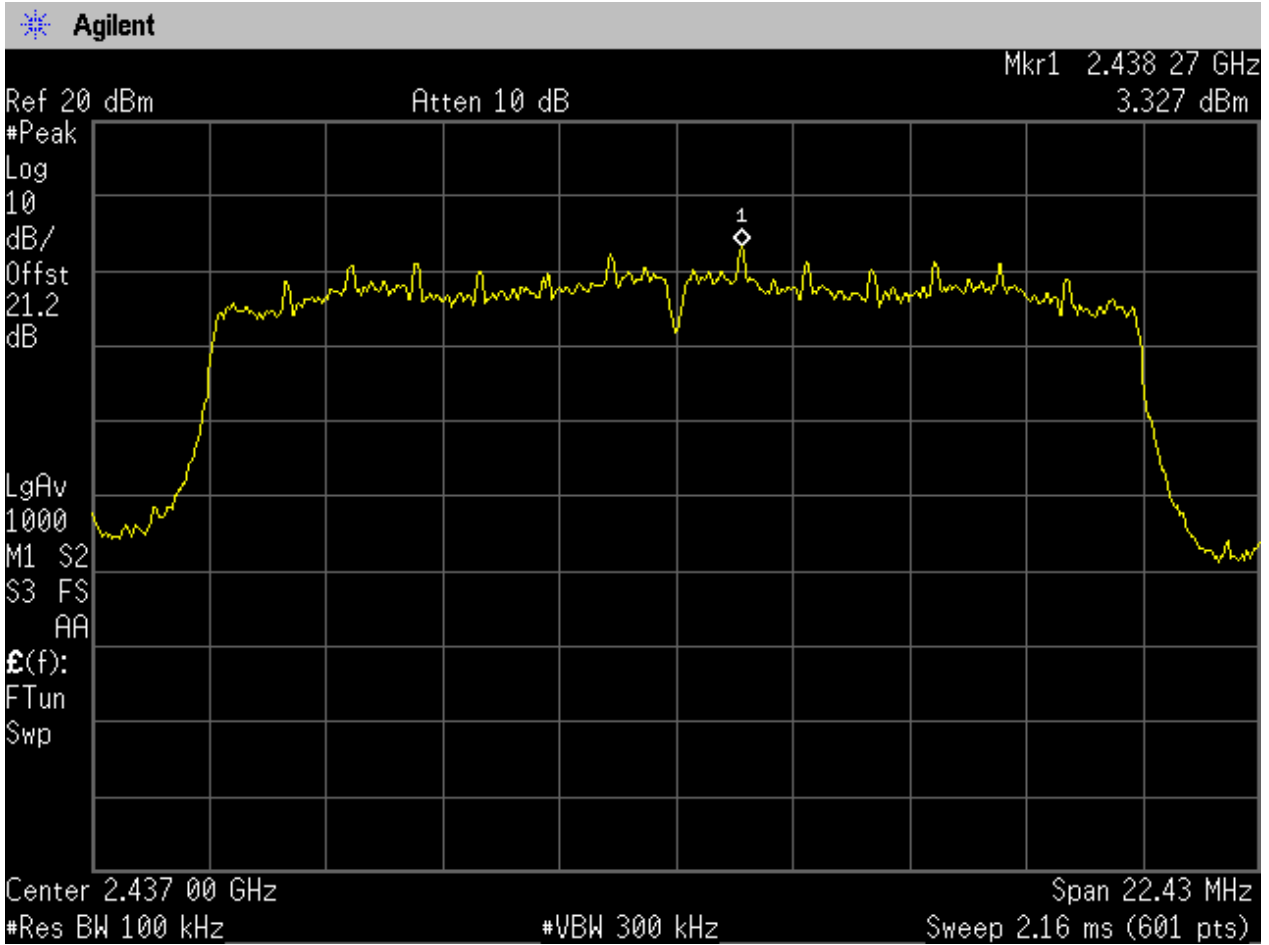




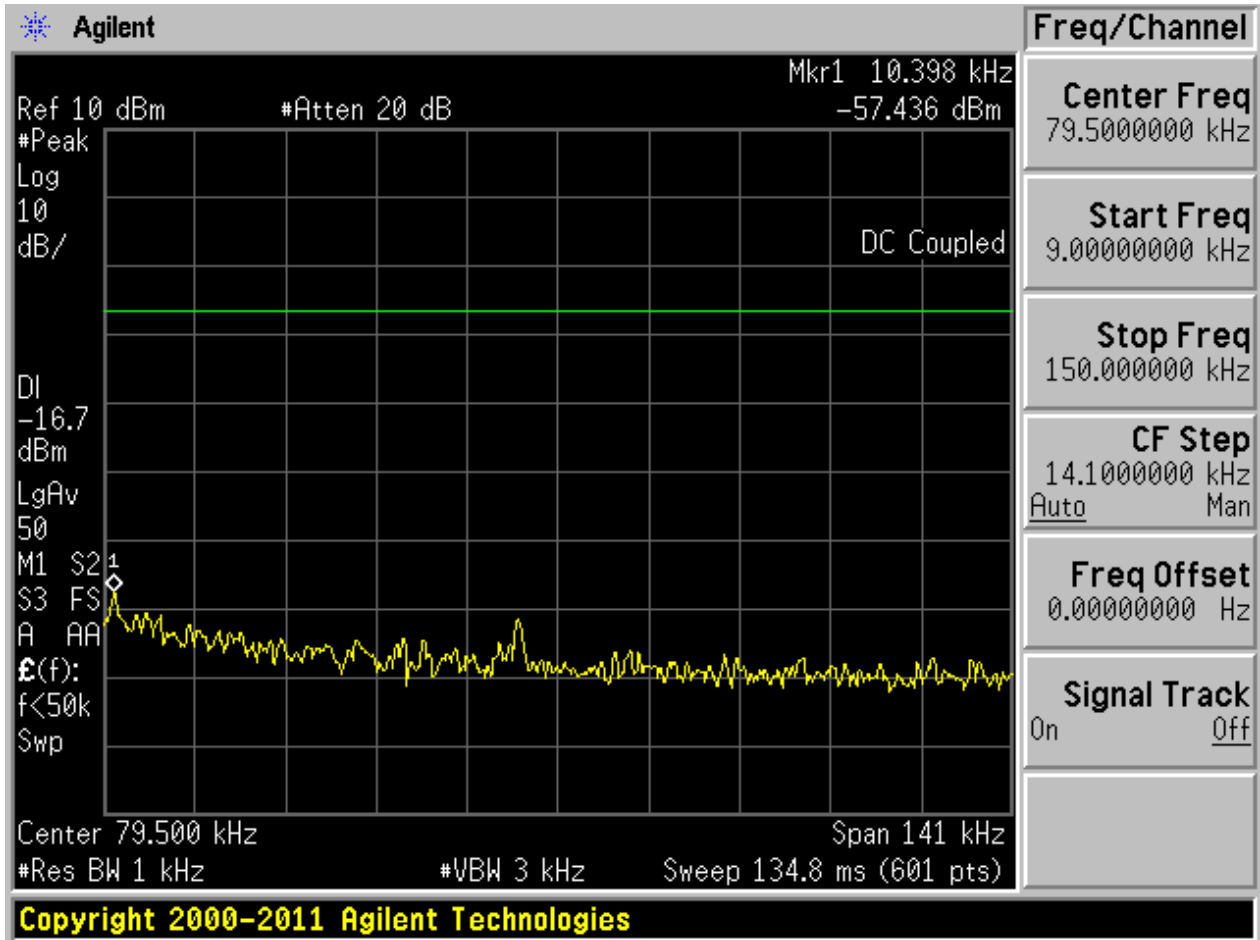


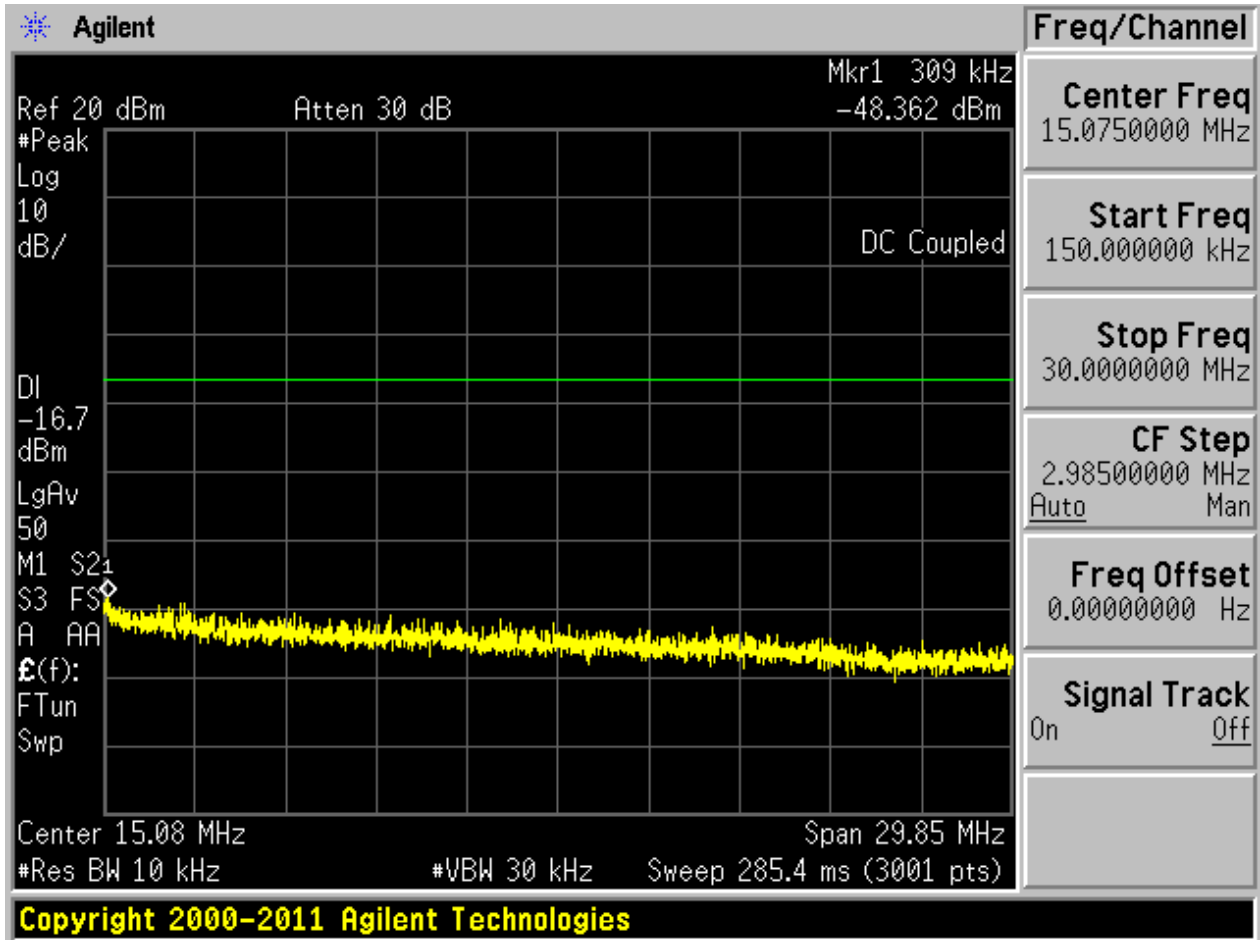
2.1611N20/0_M@2

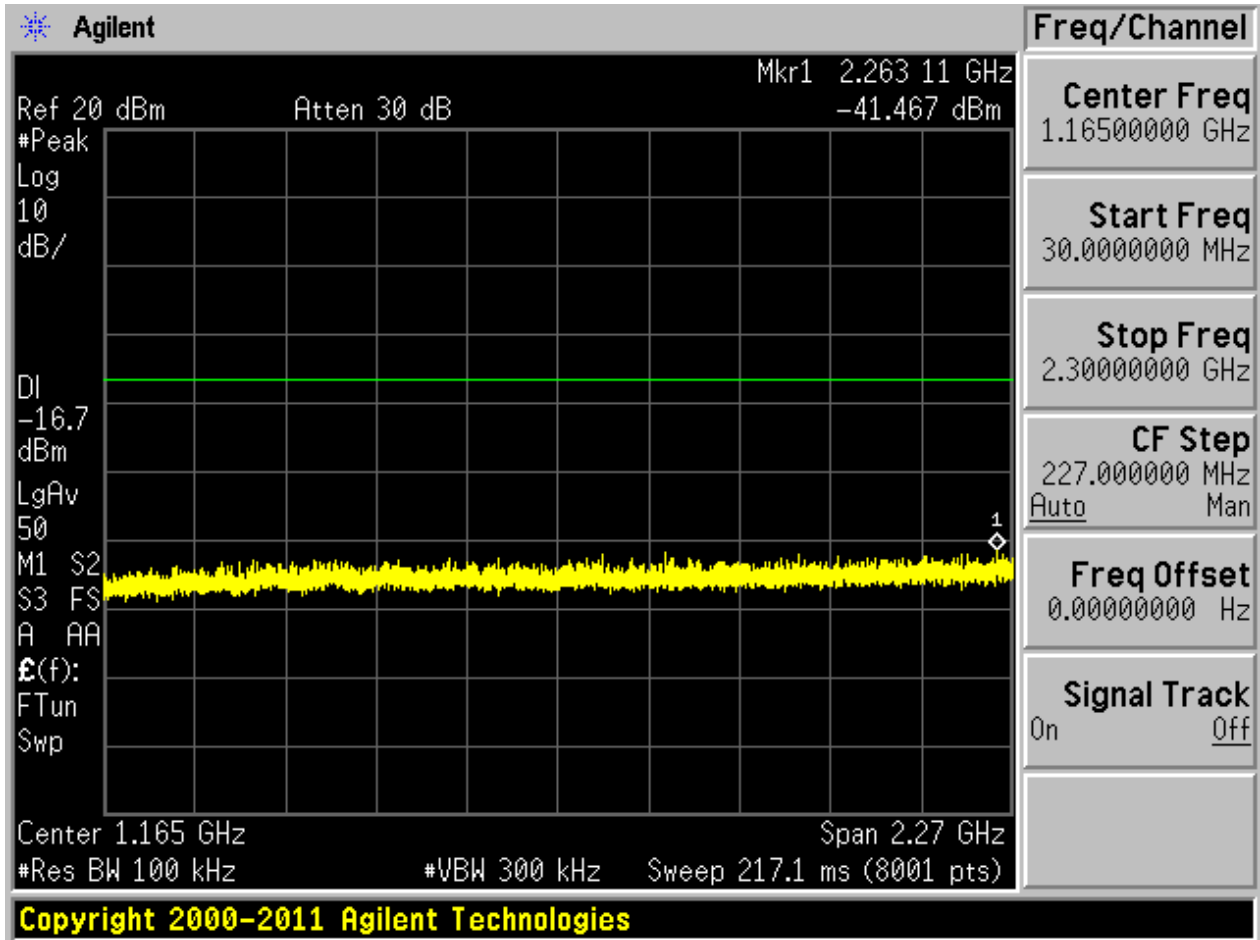
2.16.1 Pref

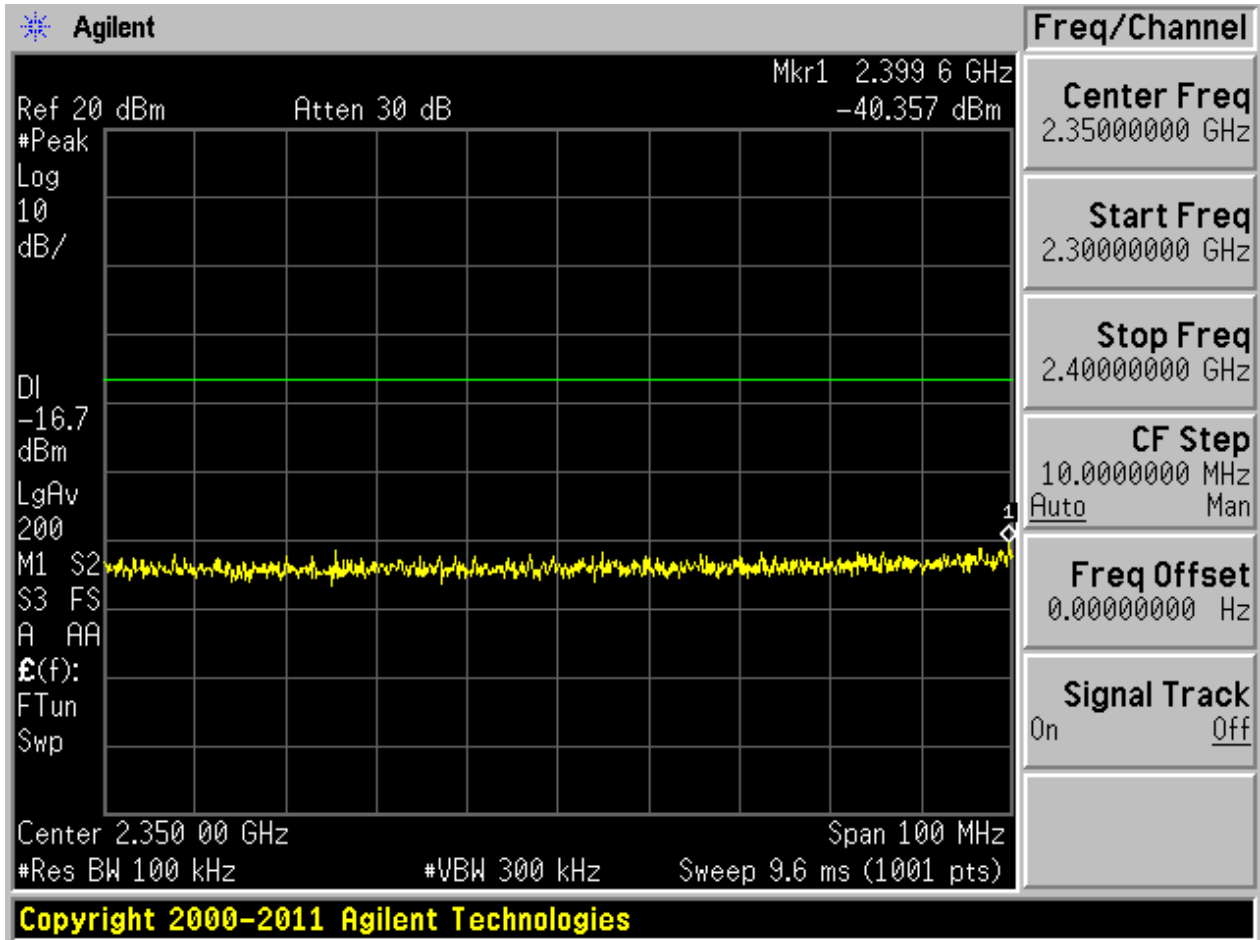


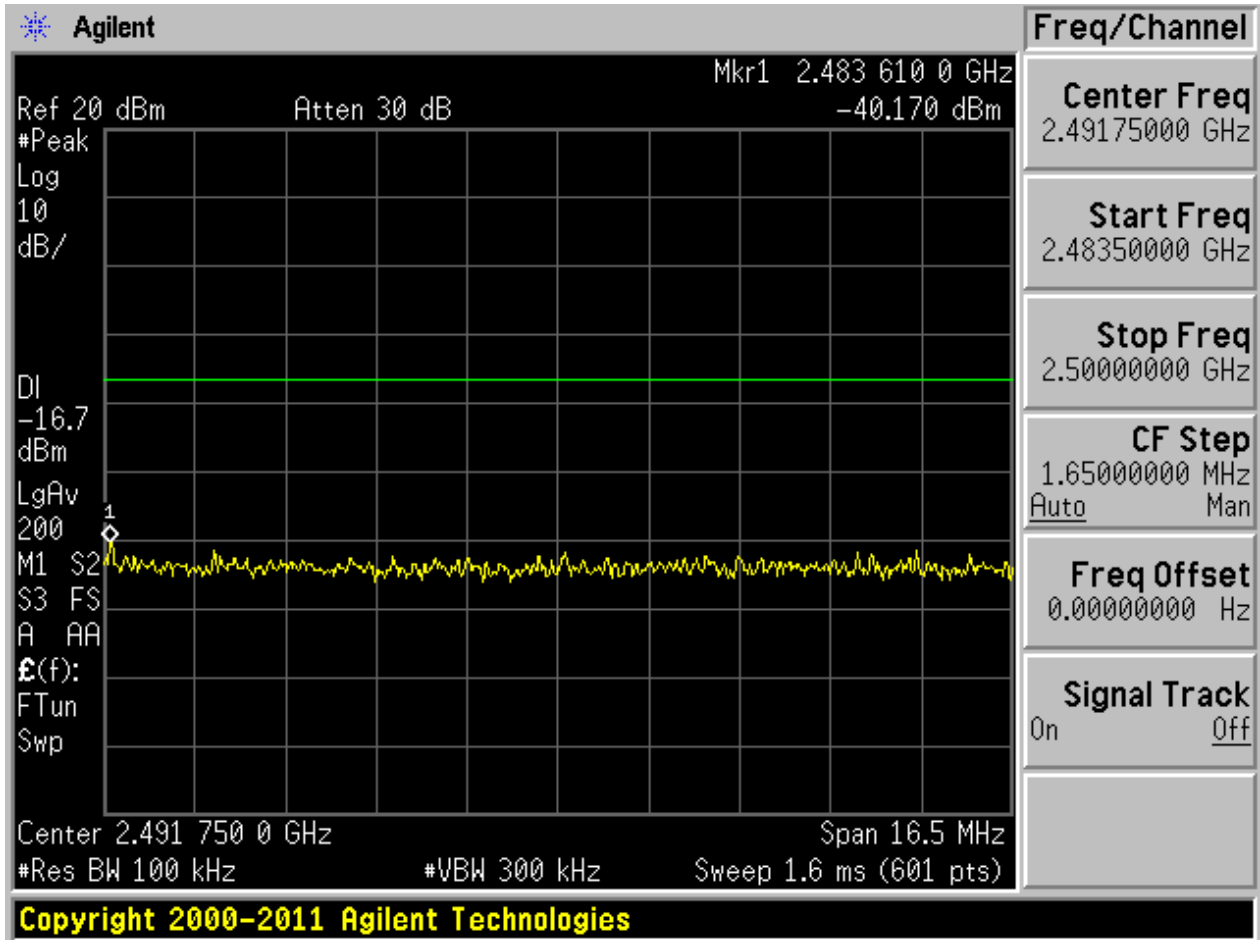
2.16.2 Puw

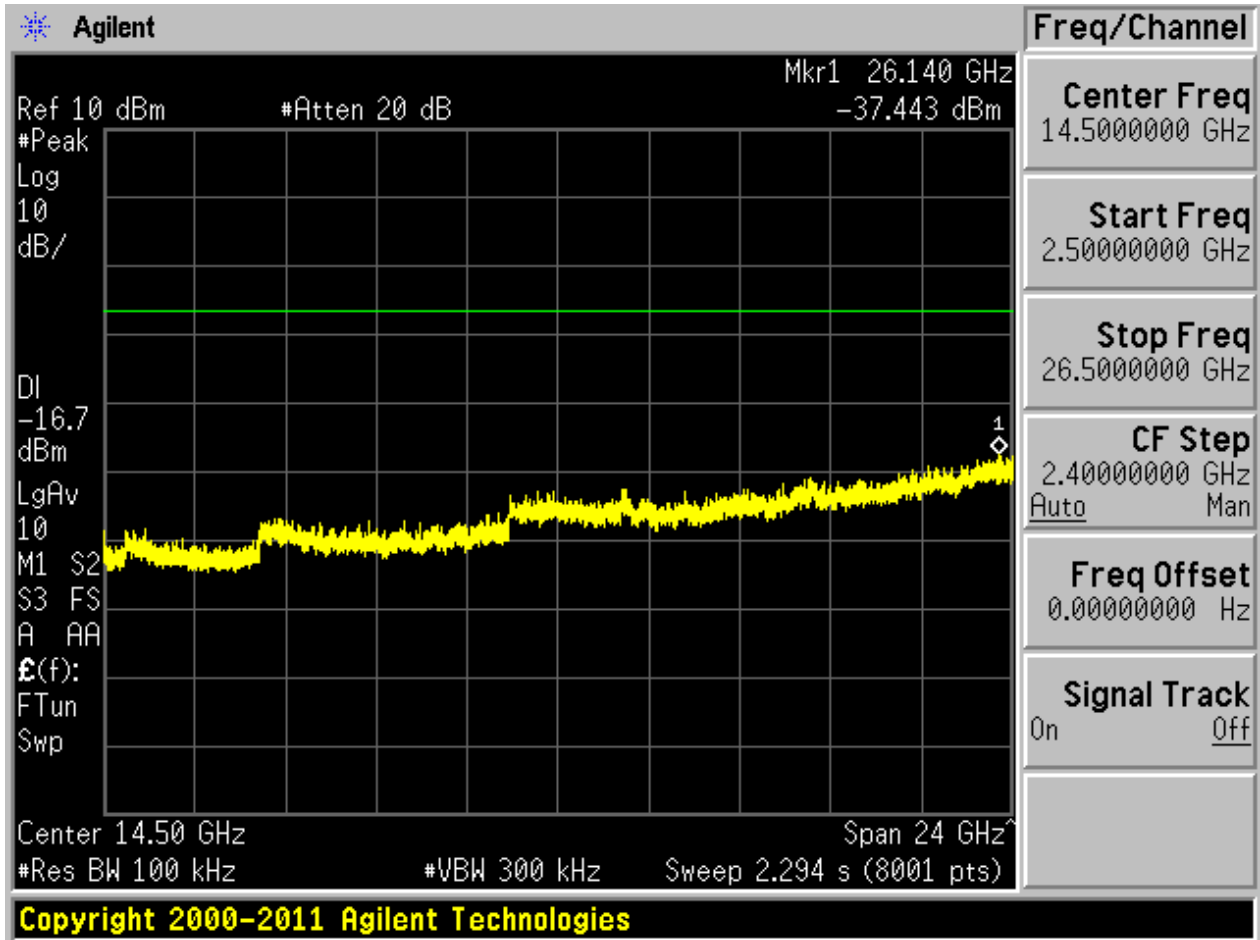






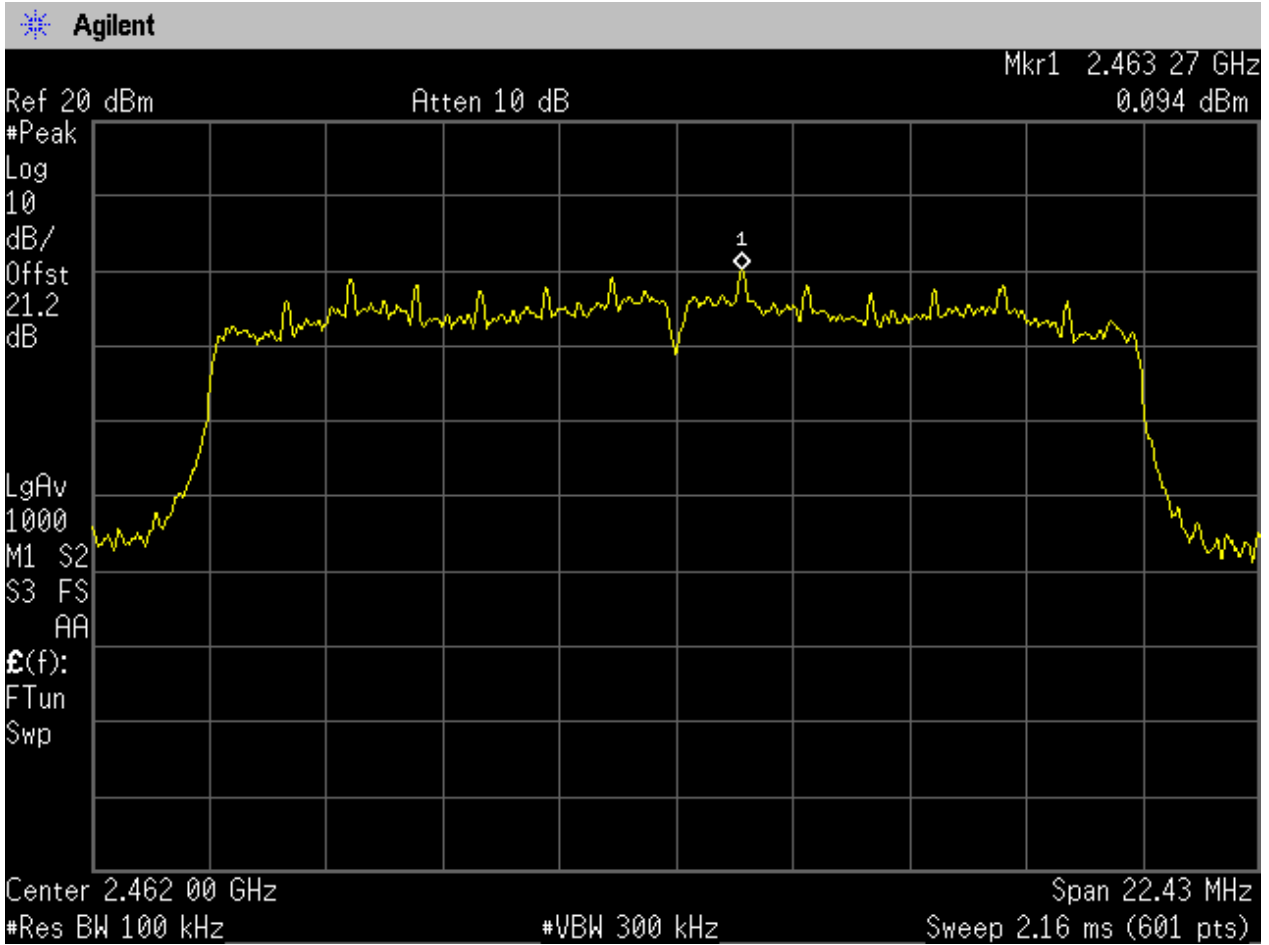




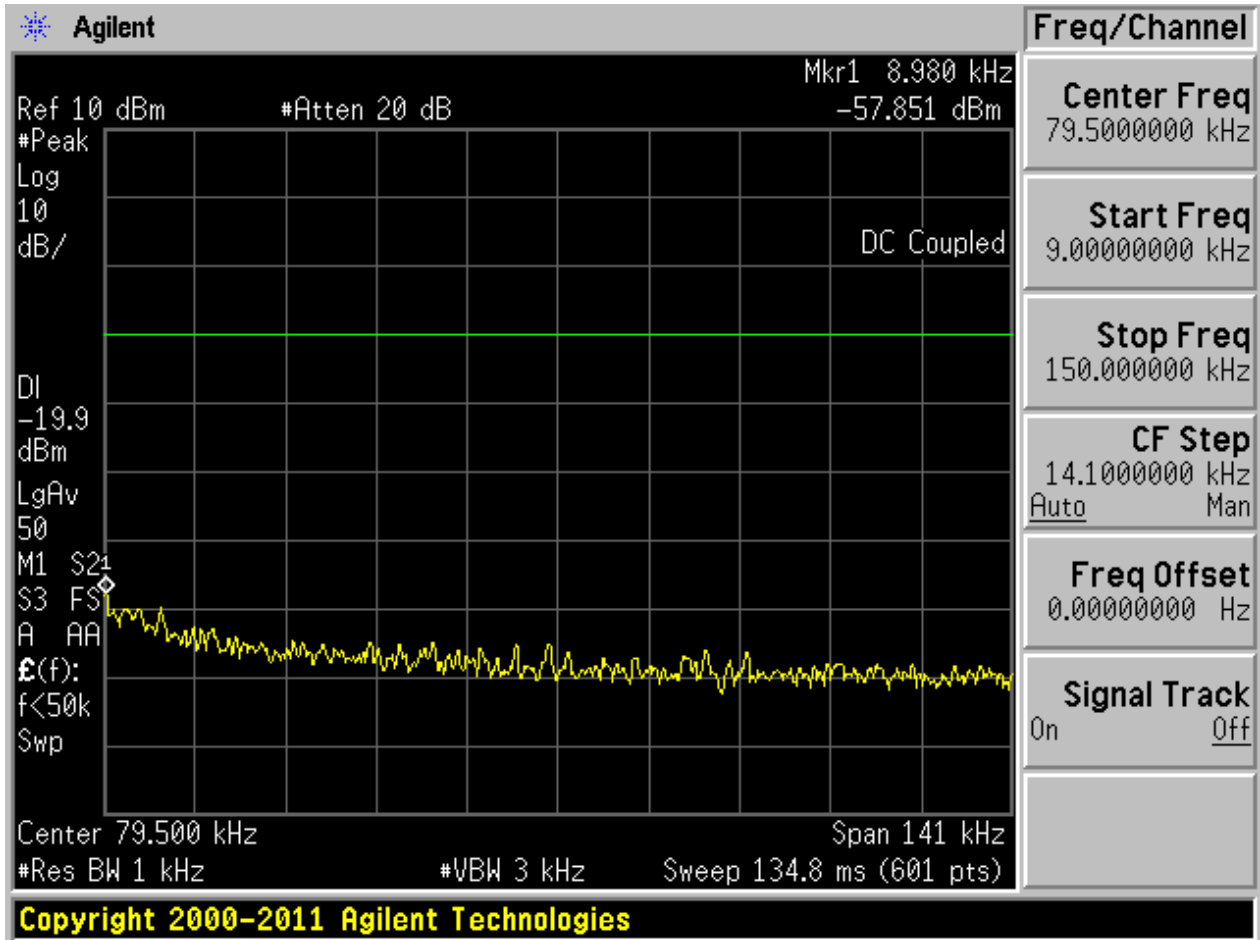


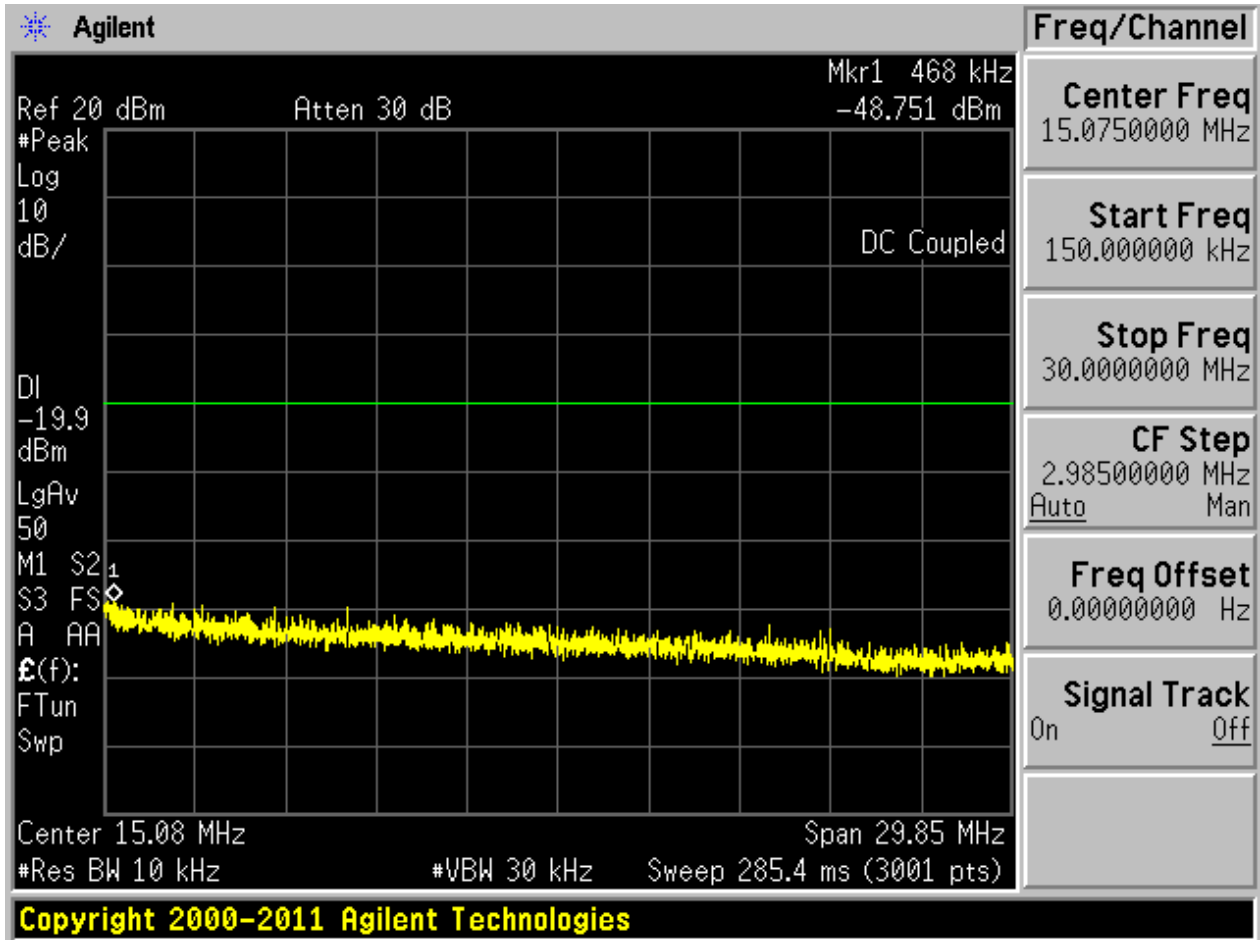
2.1711N20/0_T@1

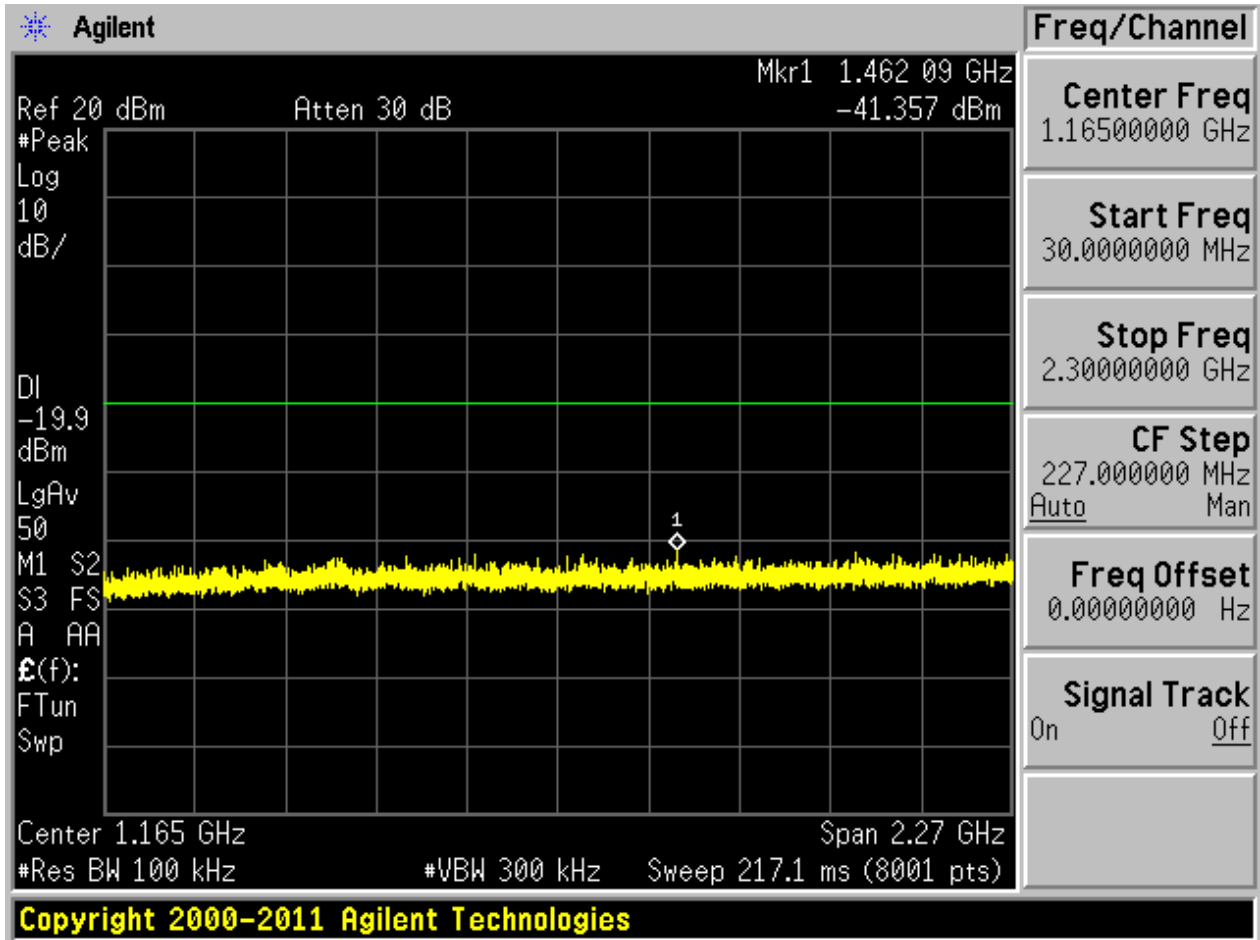
2.17.1 Pref

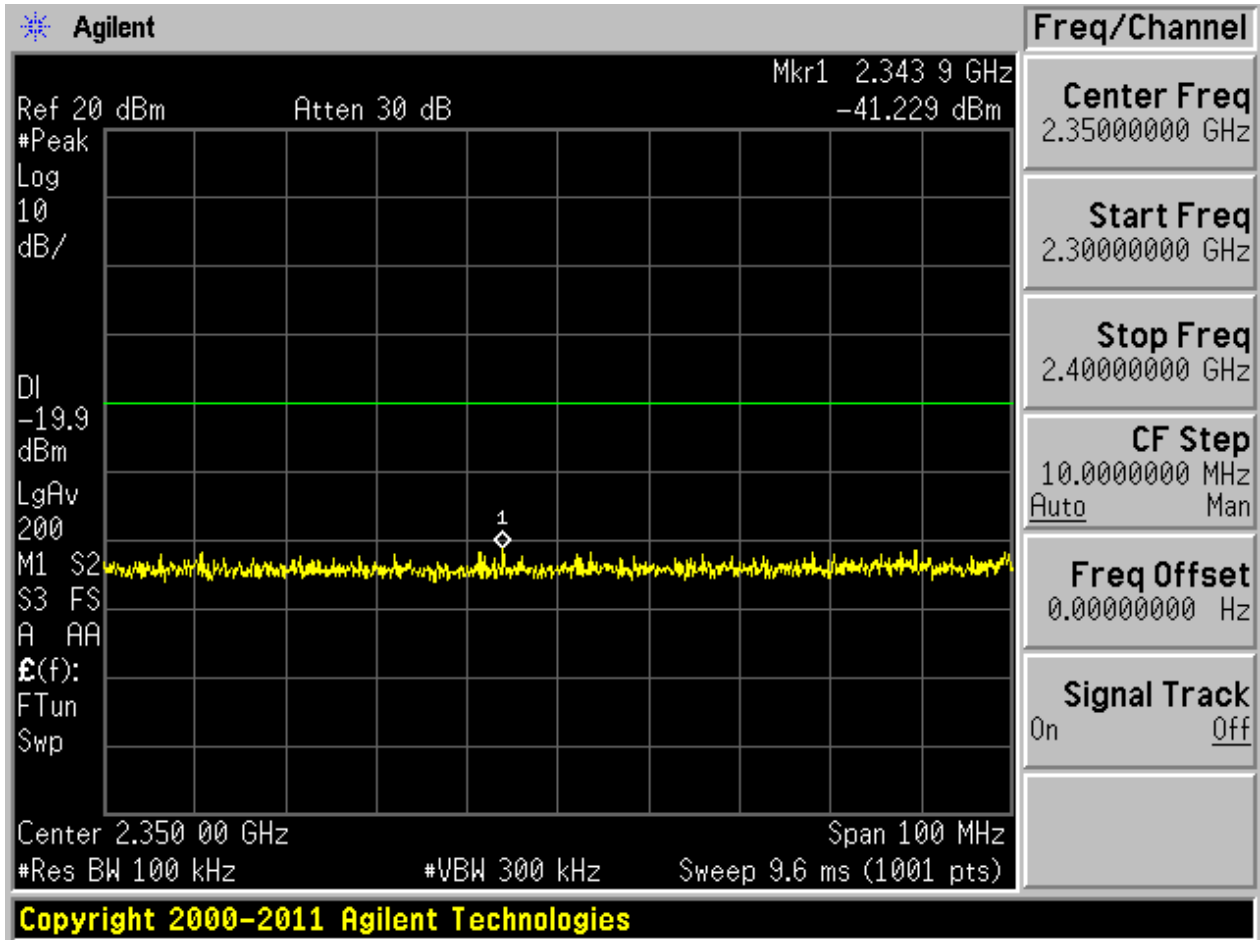


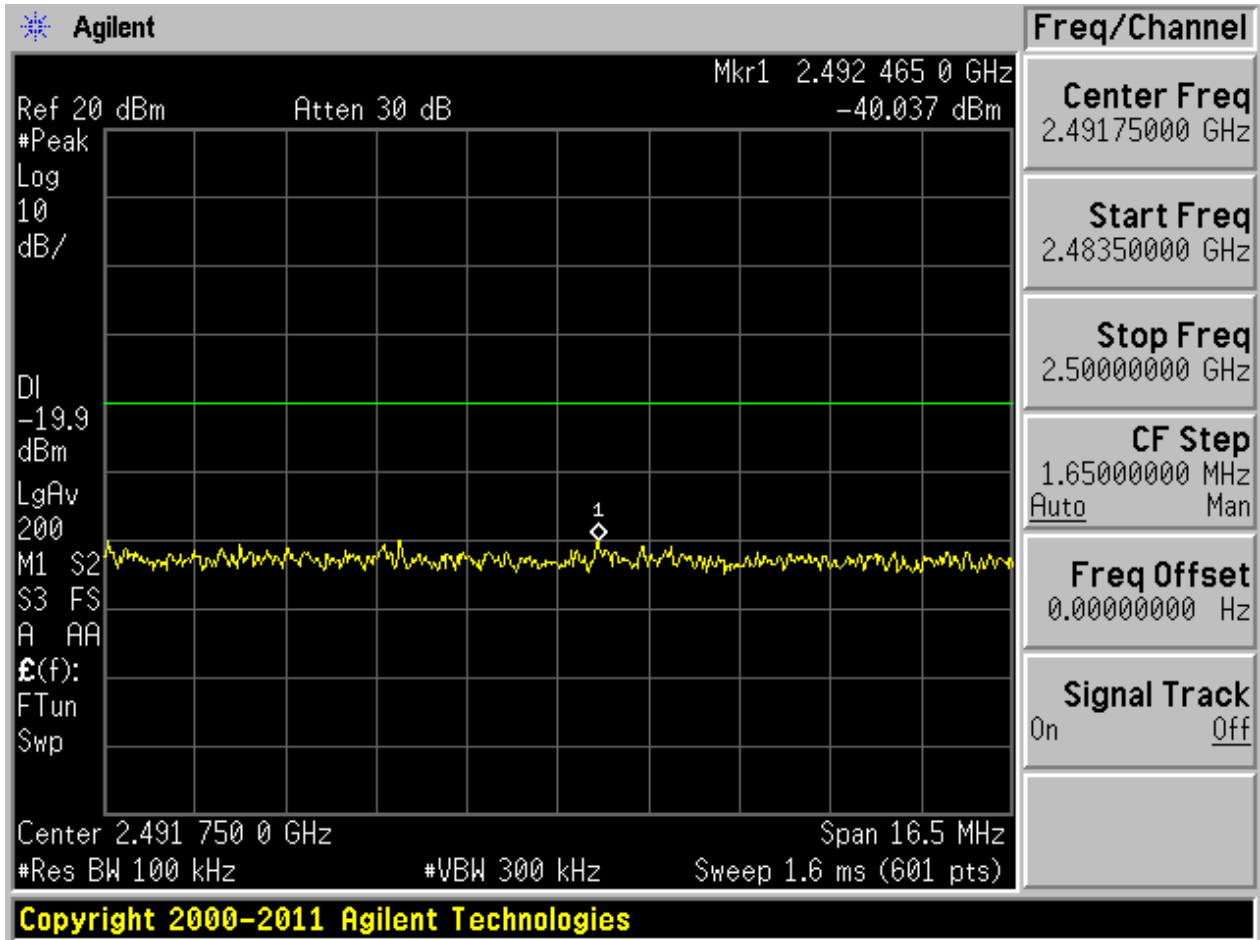
2.17.2 Puw

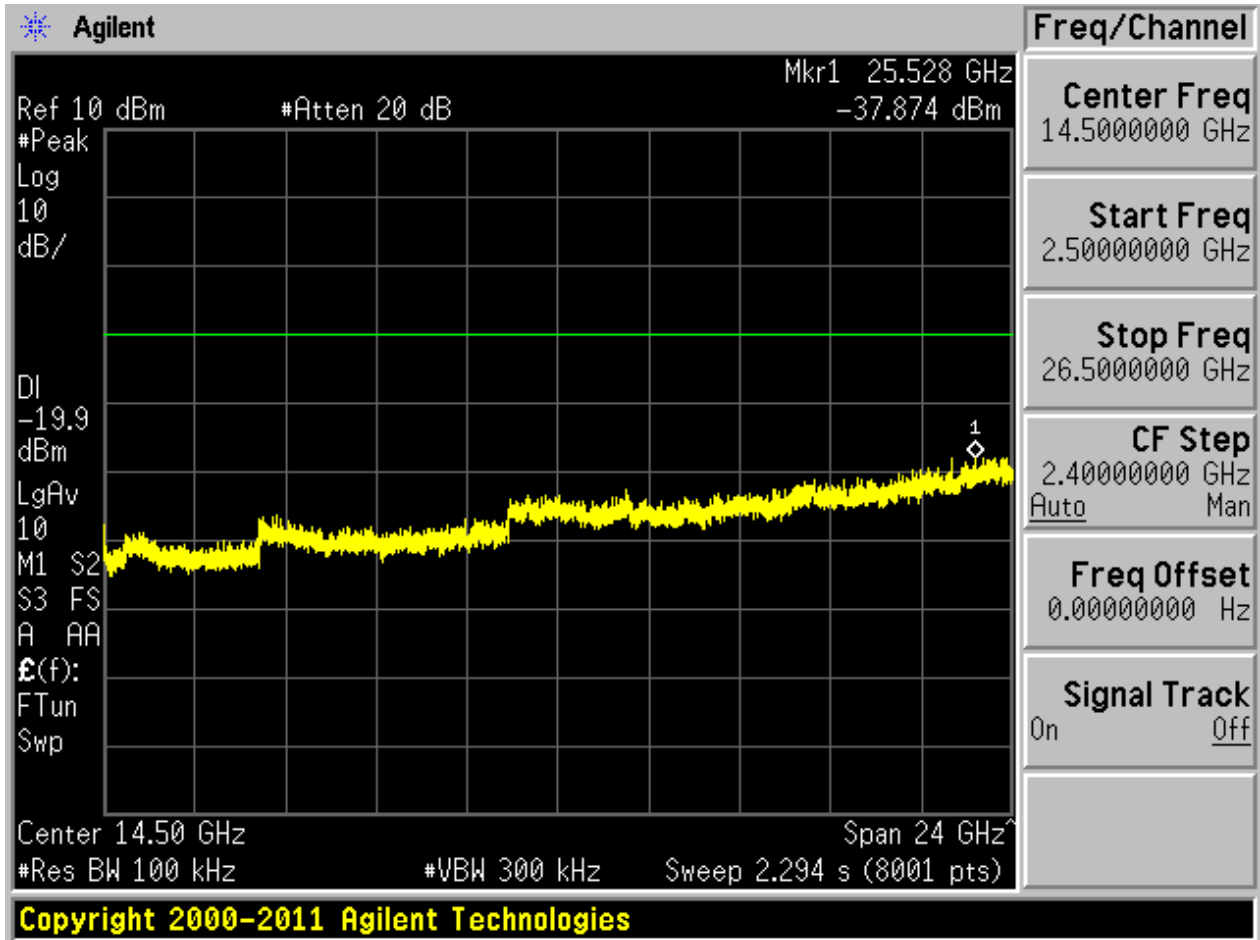






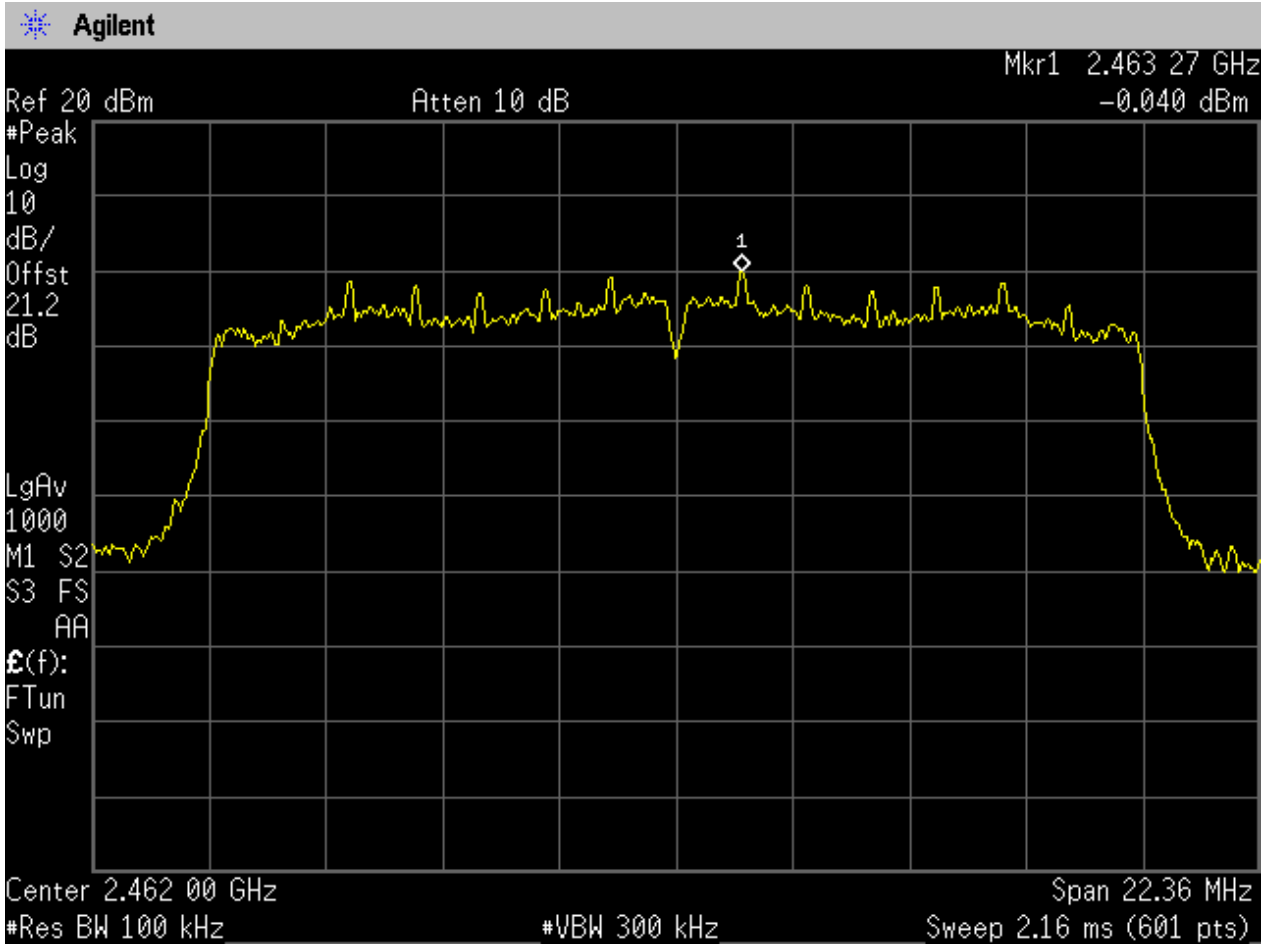




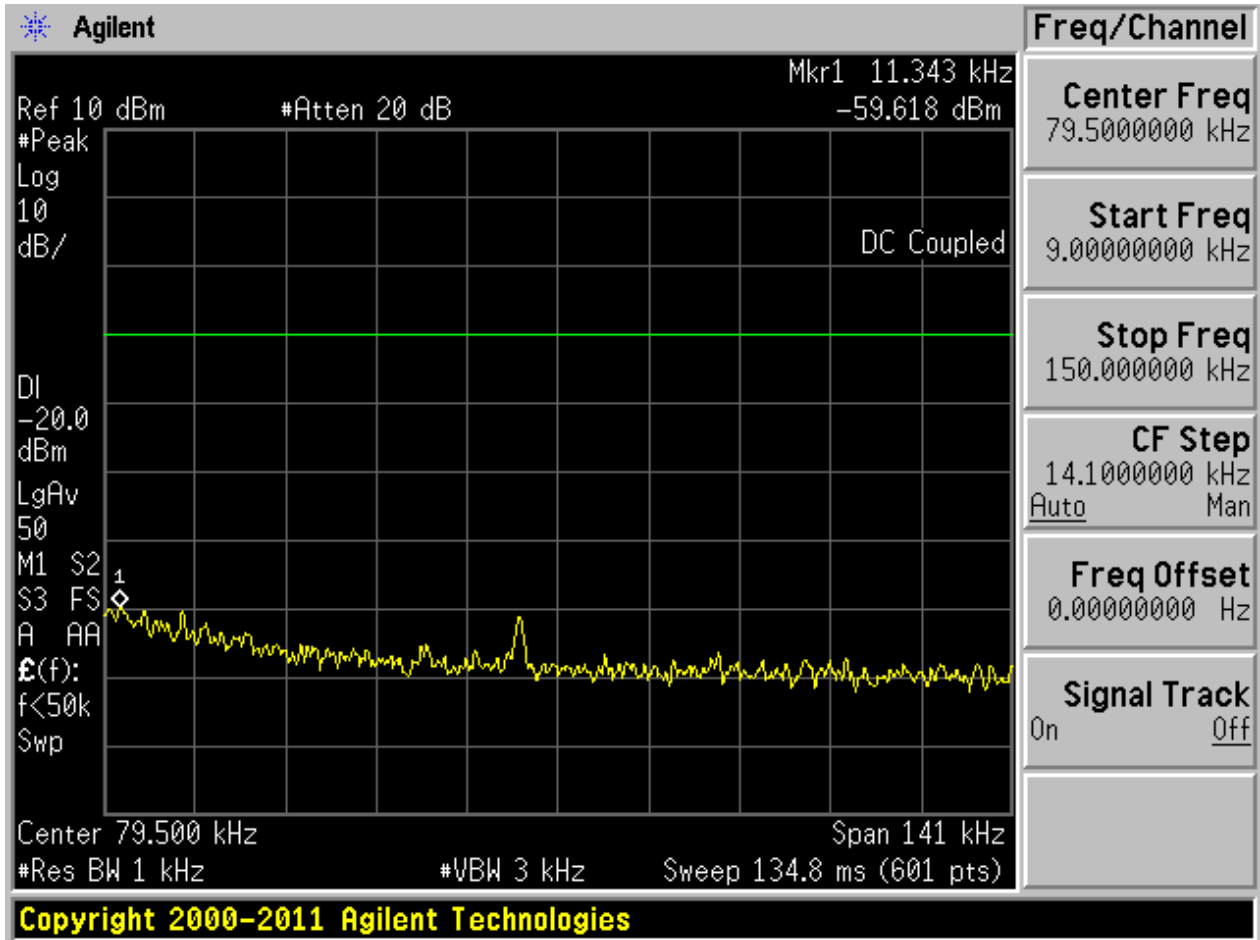


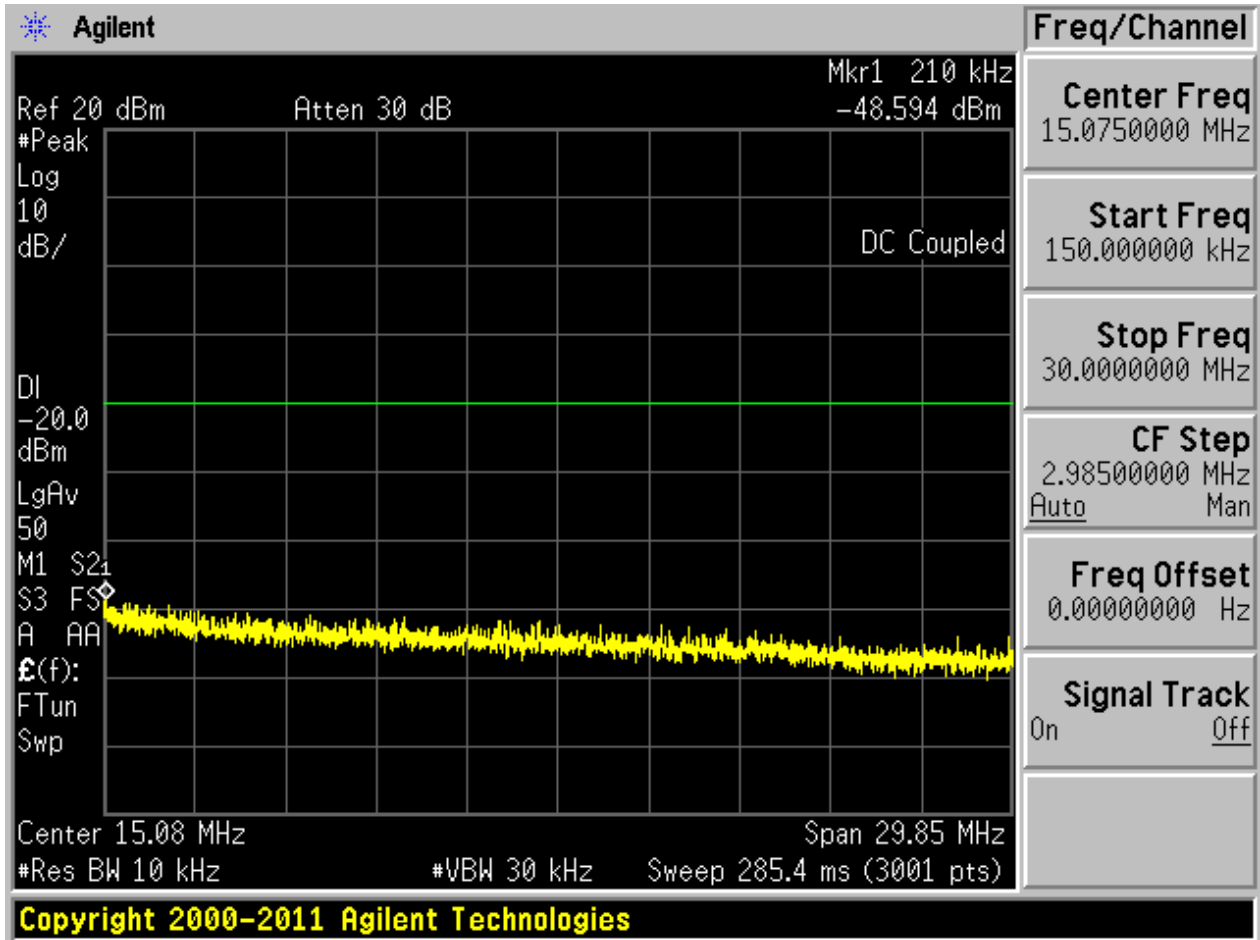
2.1811N20/0_T@2

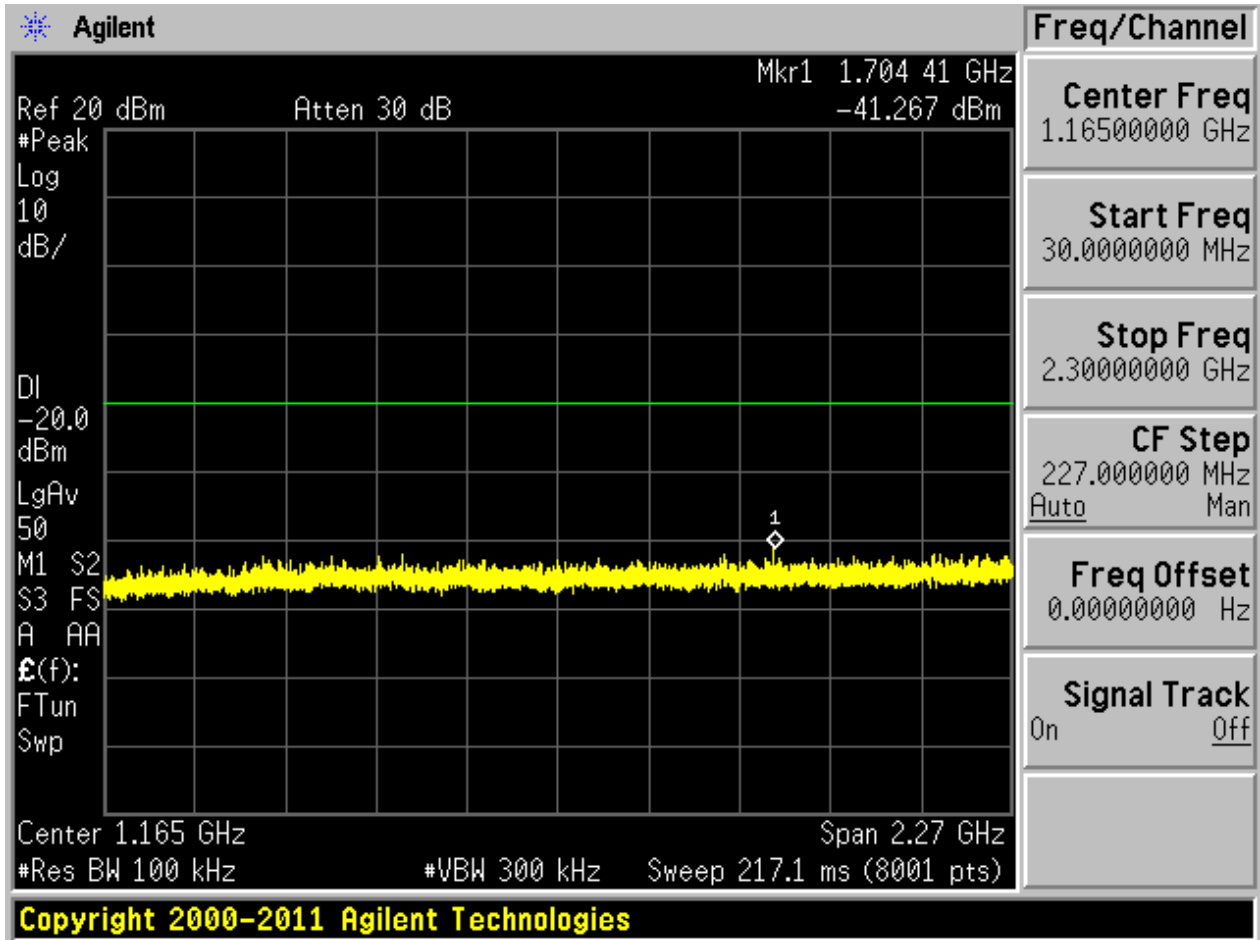
2.18.1 Pref

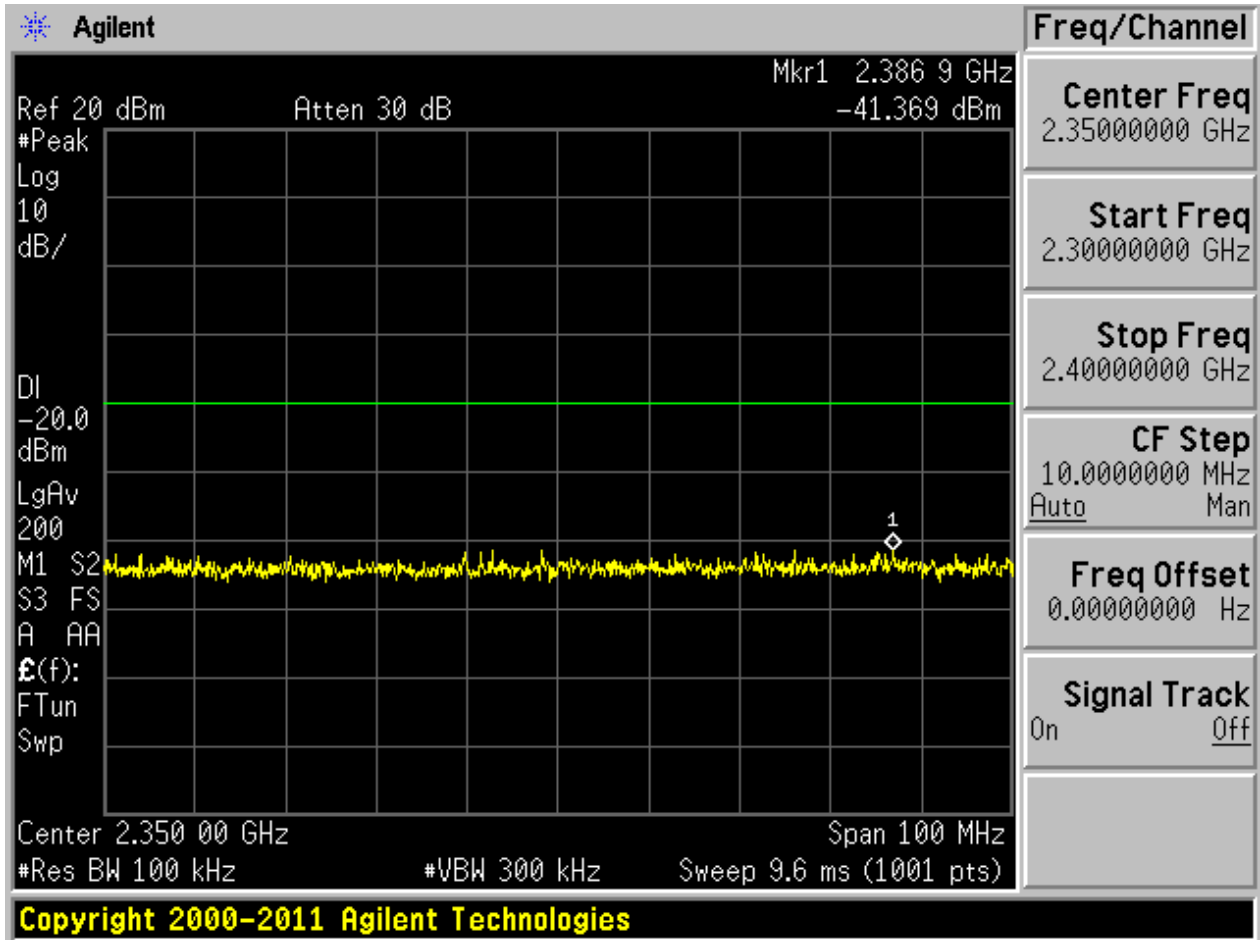


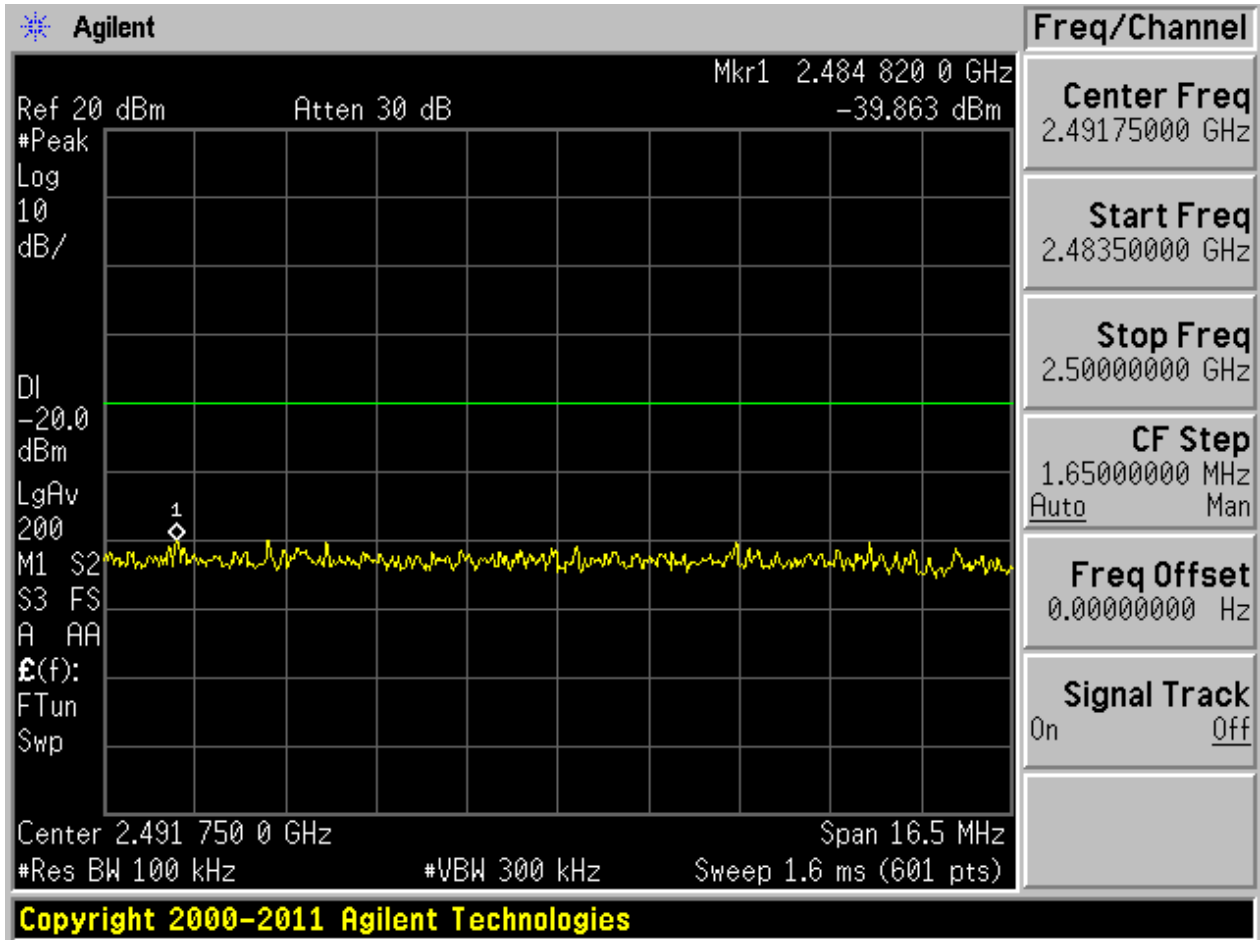
2.18.2 Puw

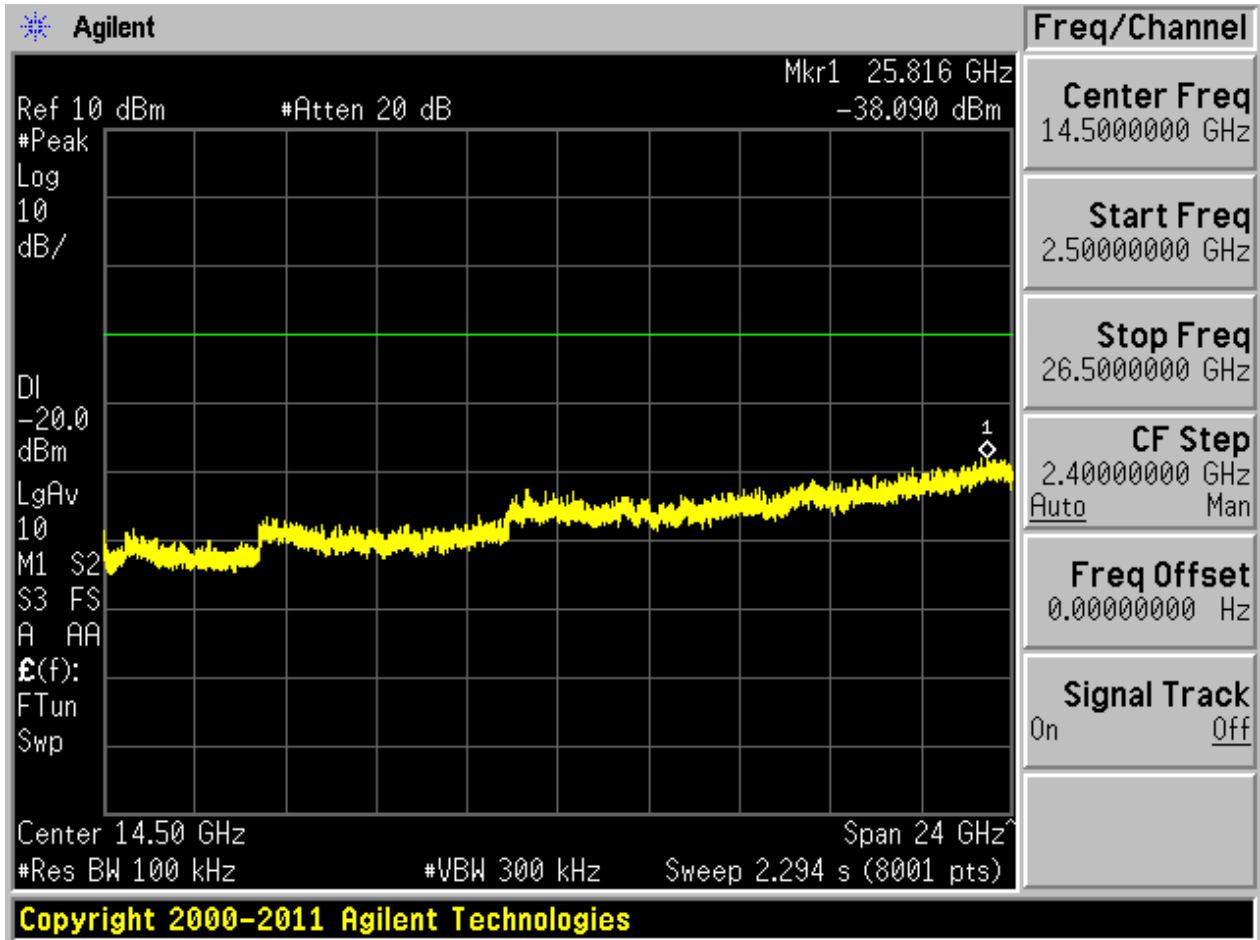






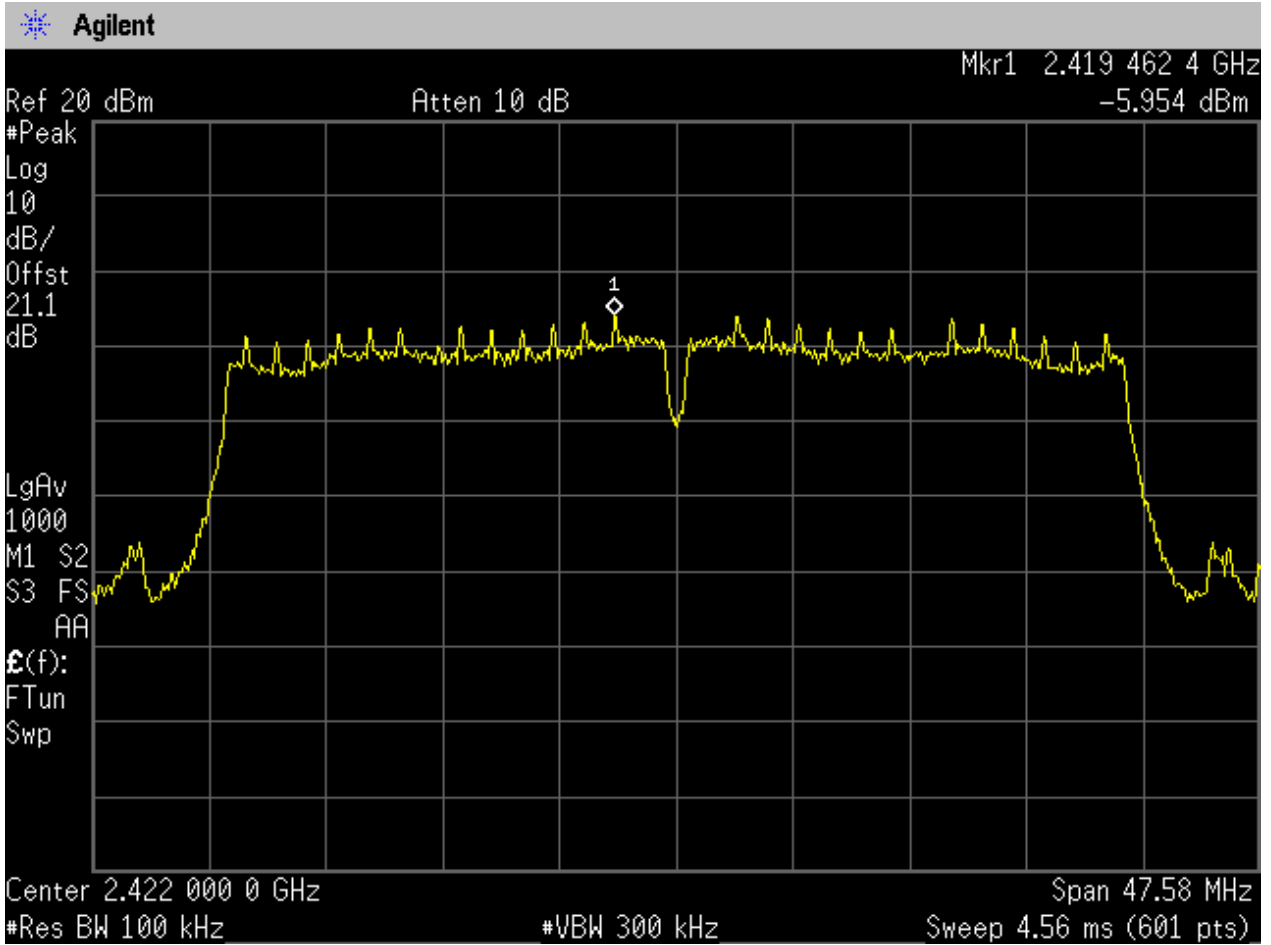




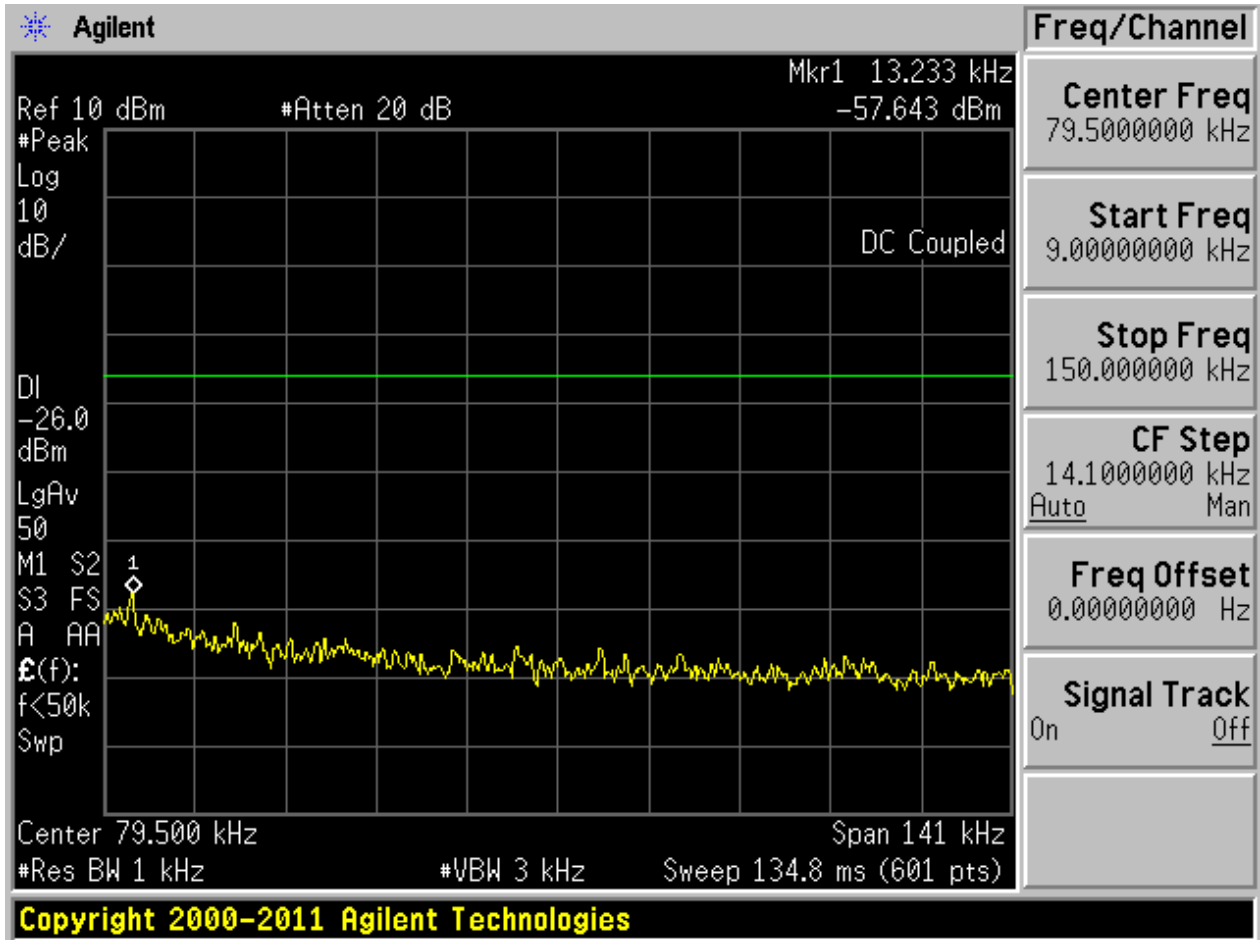


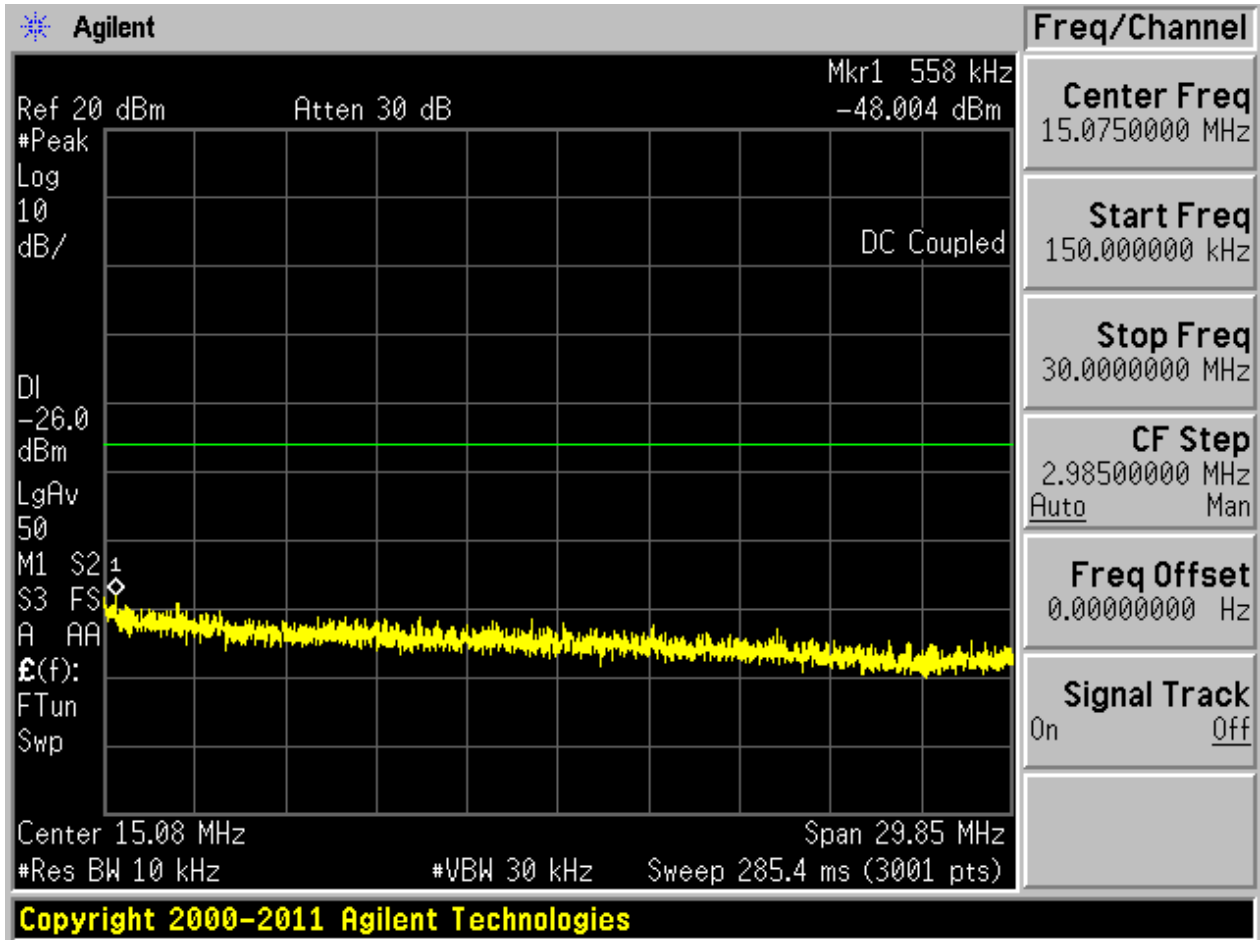
2.1911N40/0_B@1

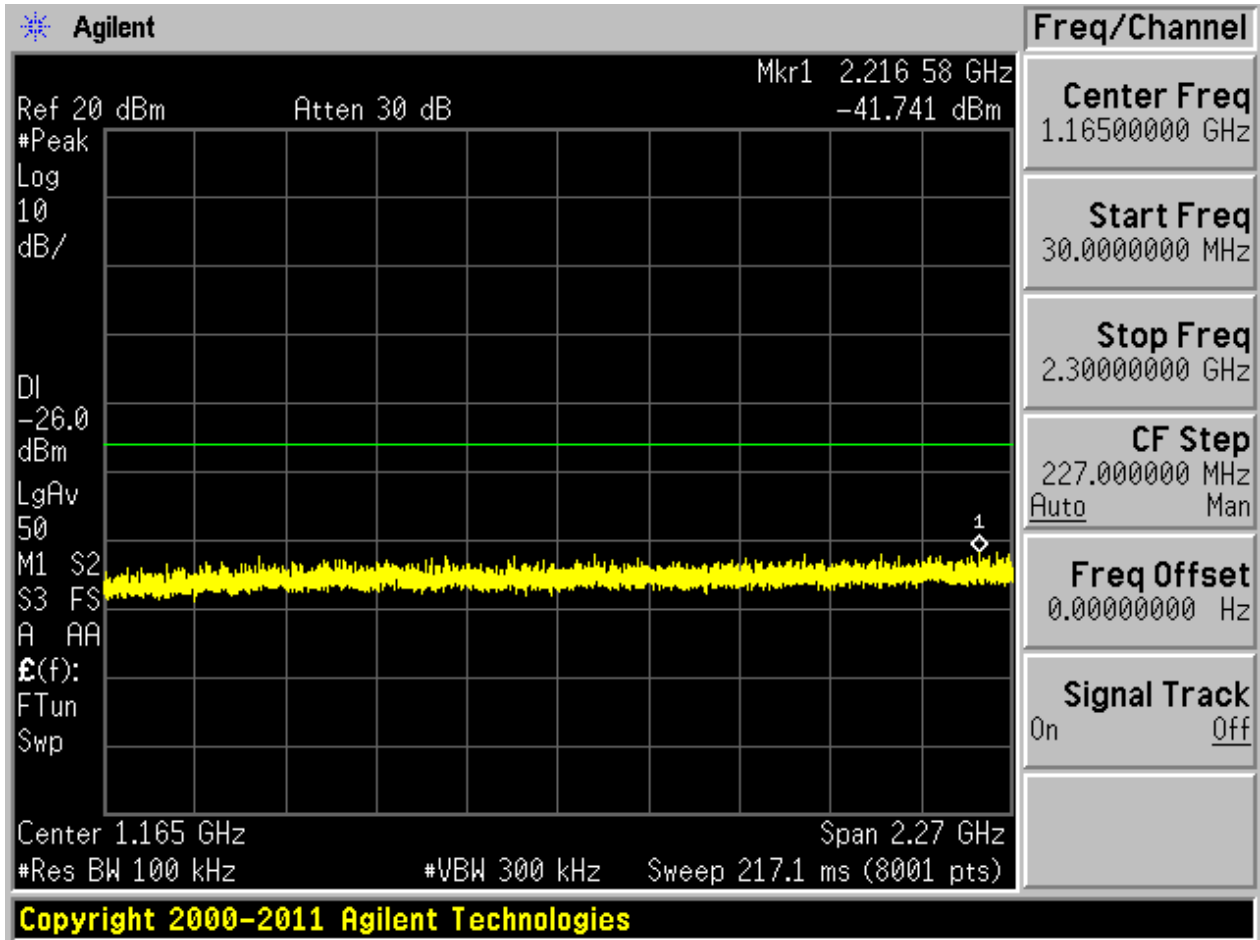
2.19.1 Pref

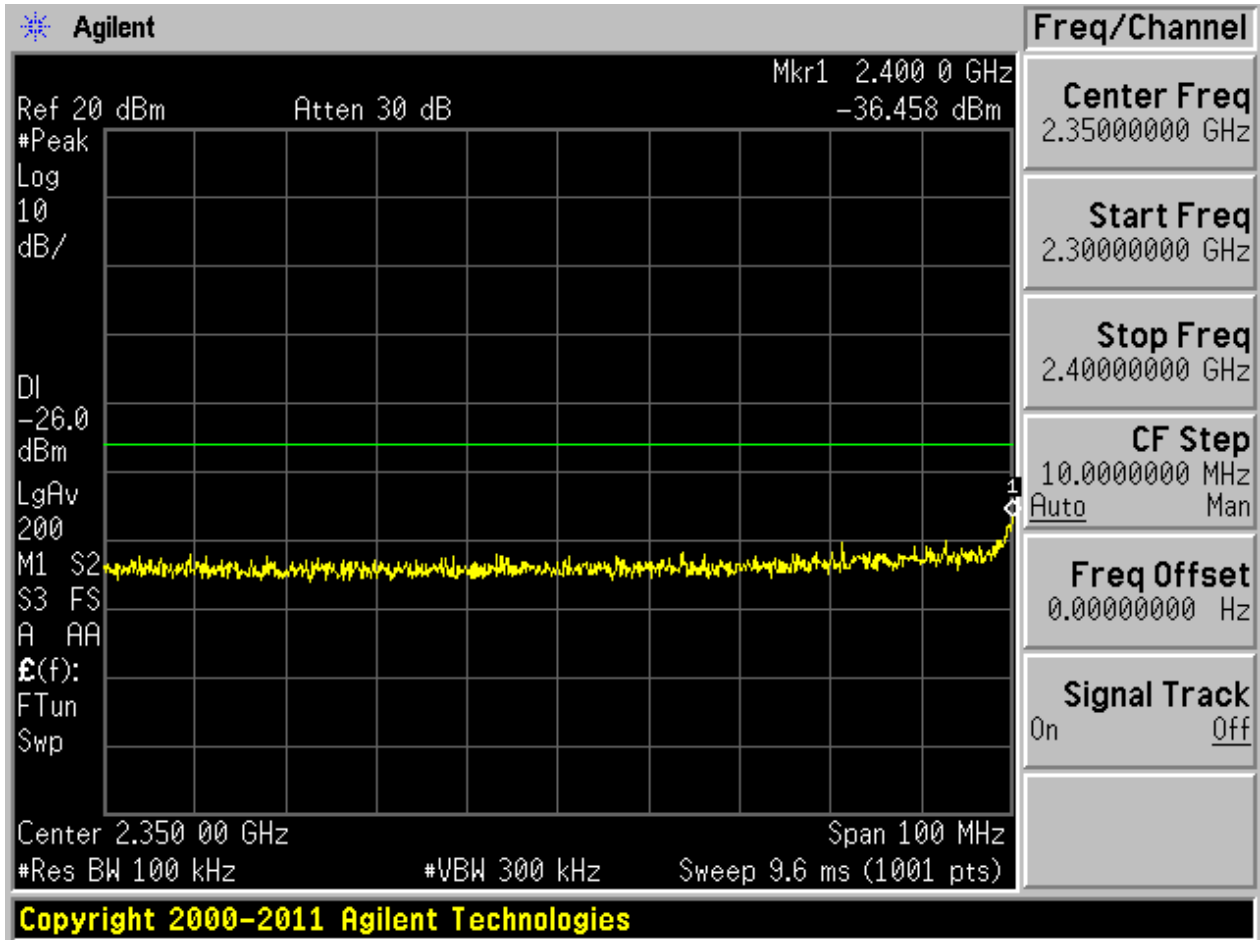


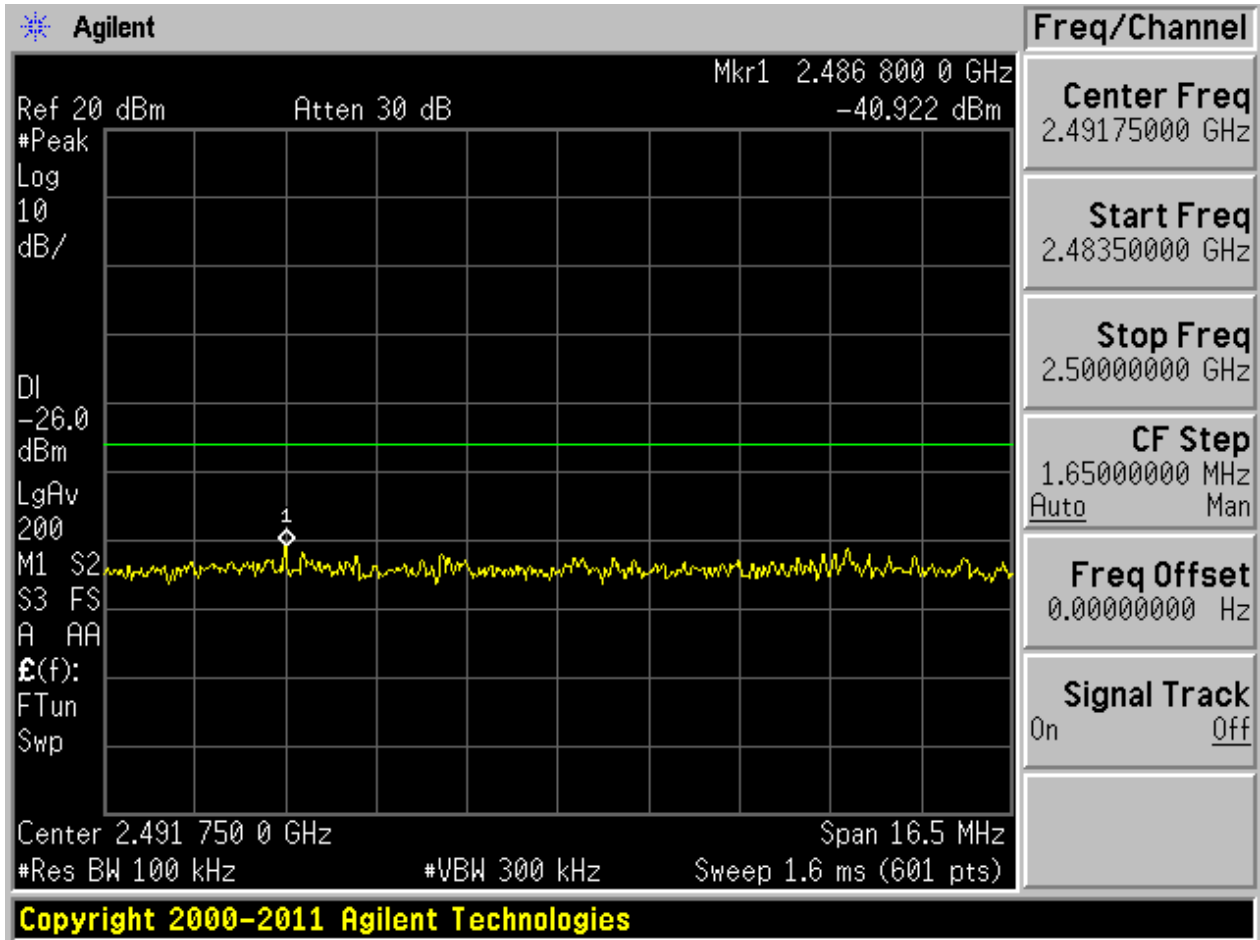
2.19.2 Puw

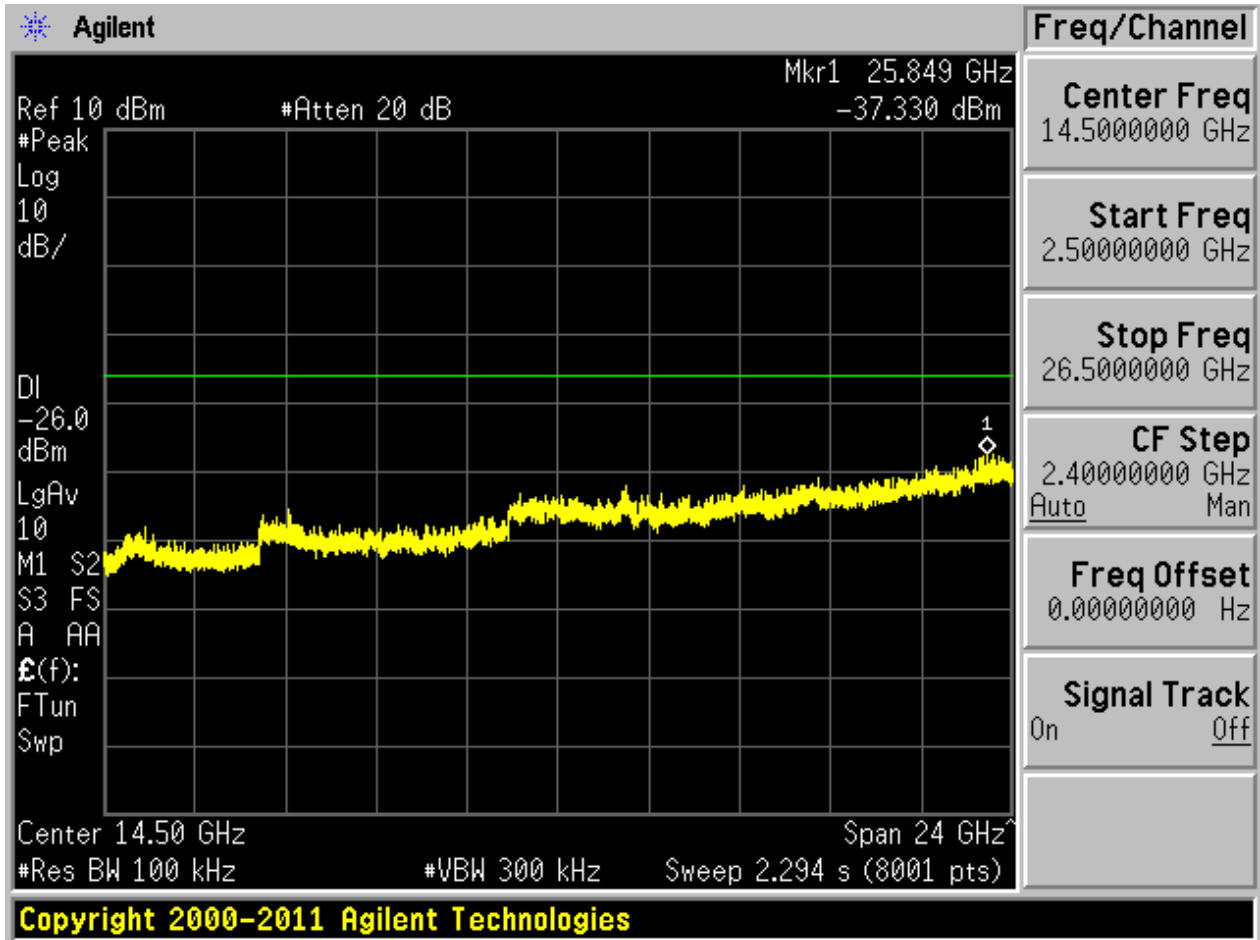






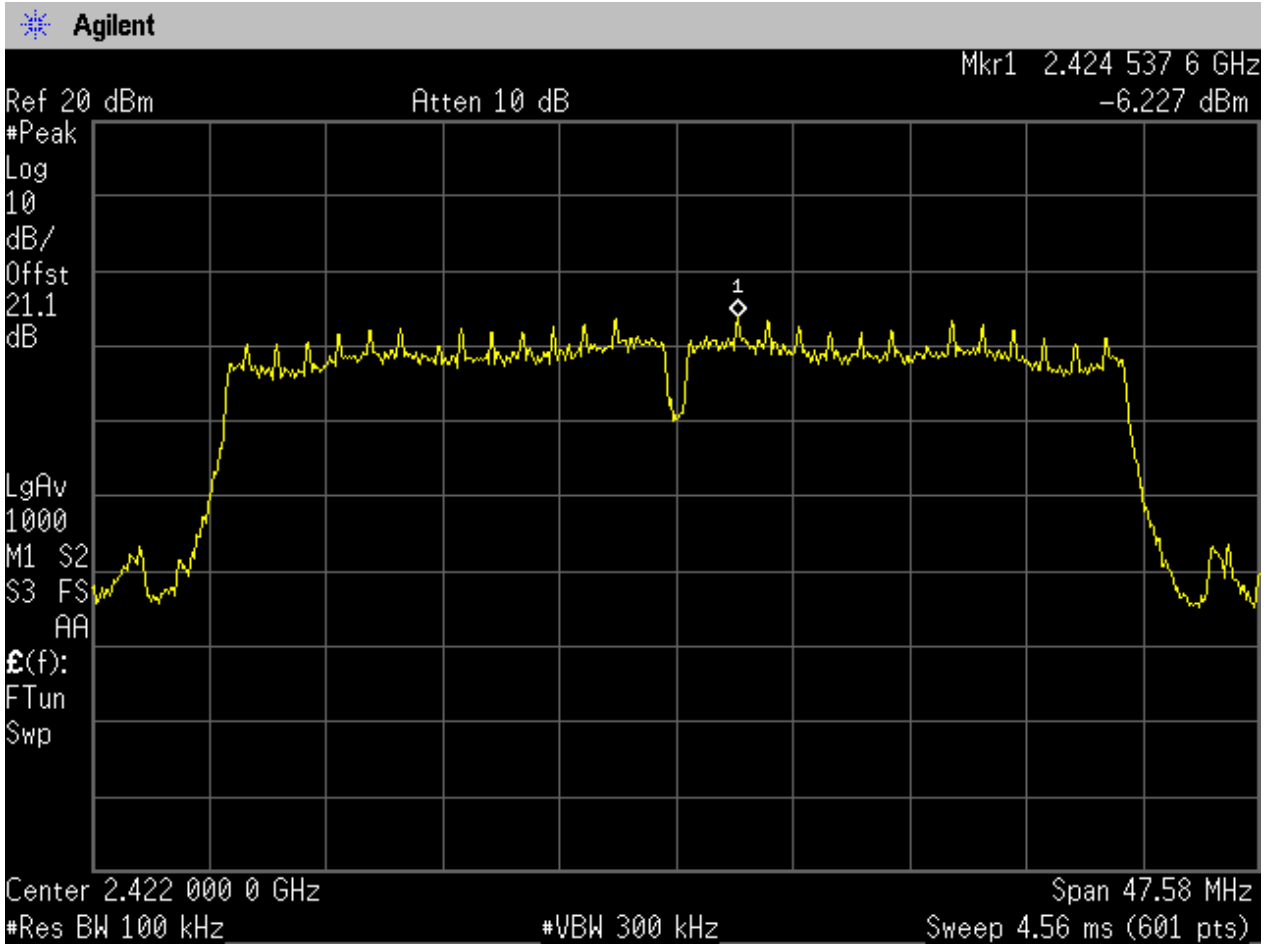




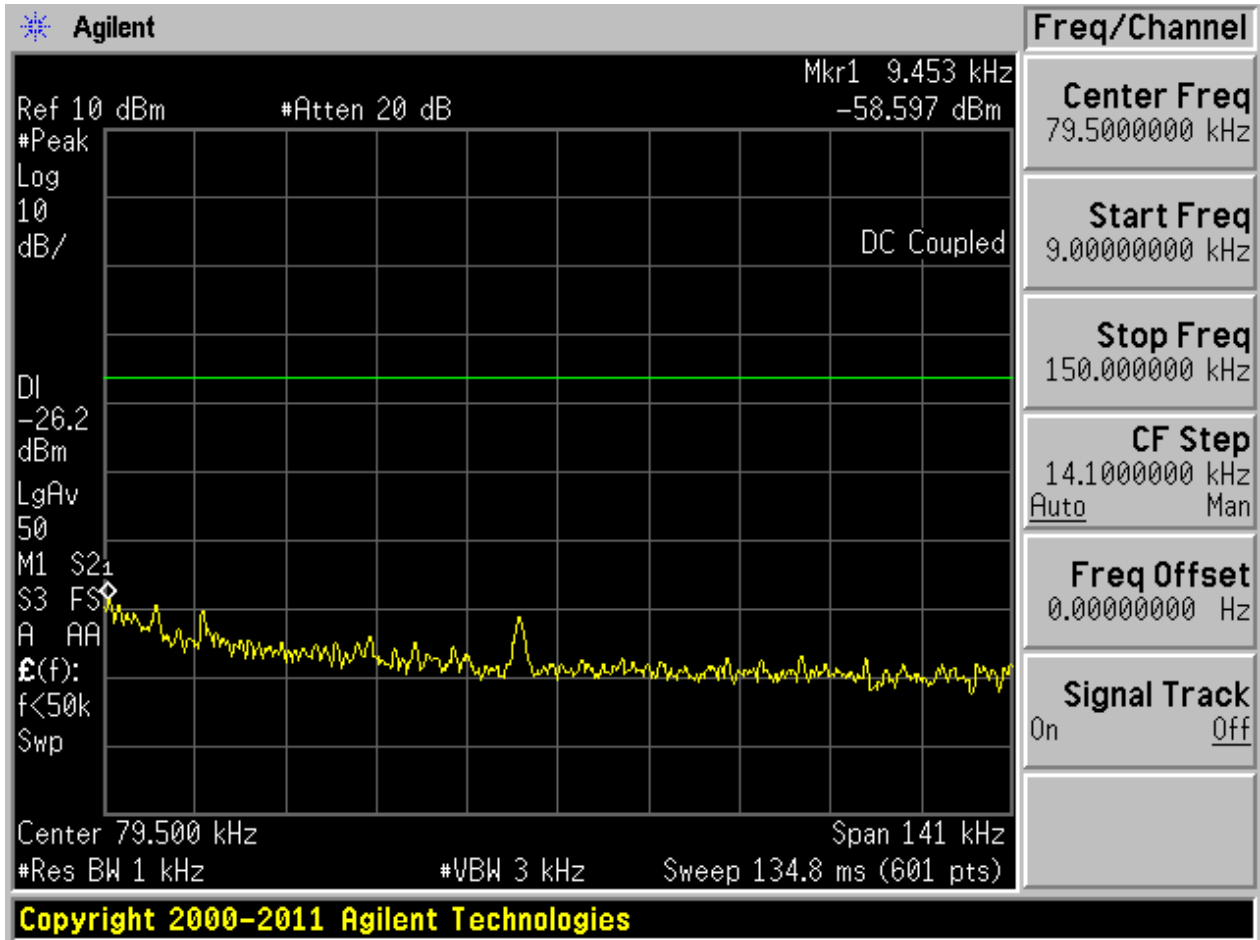


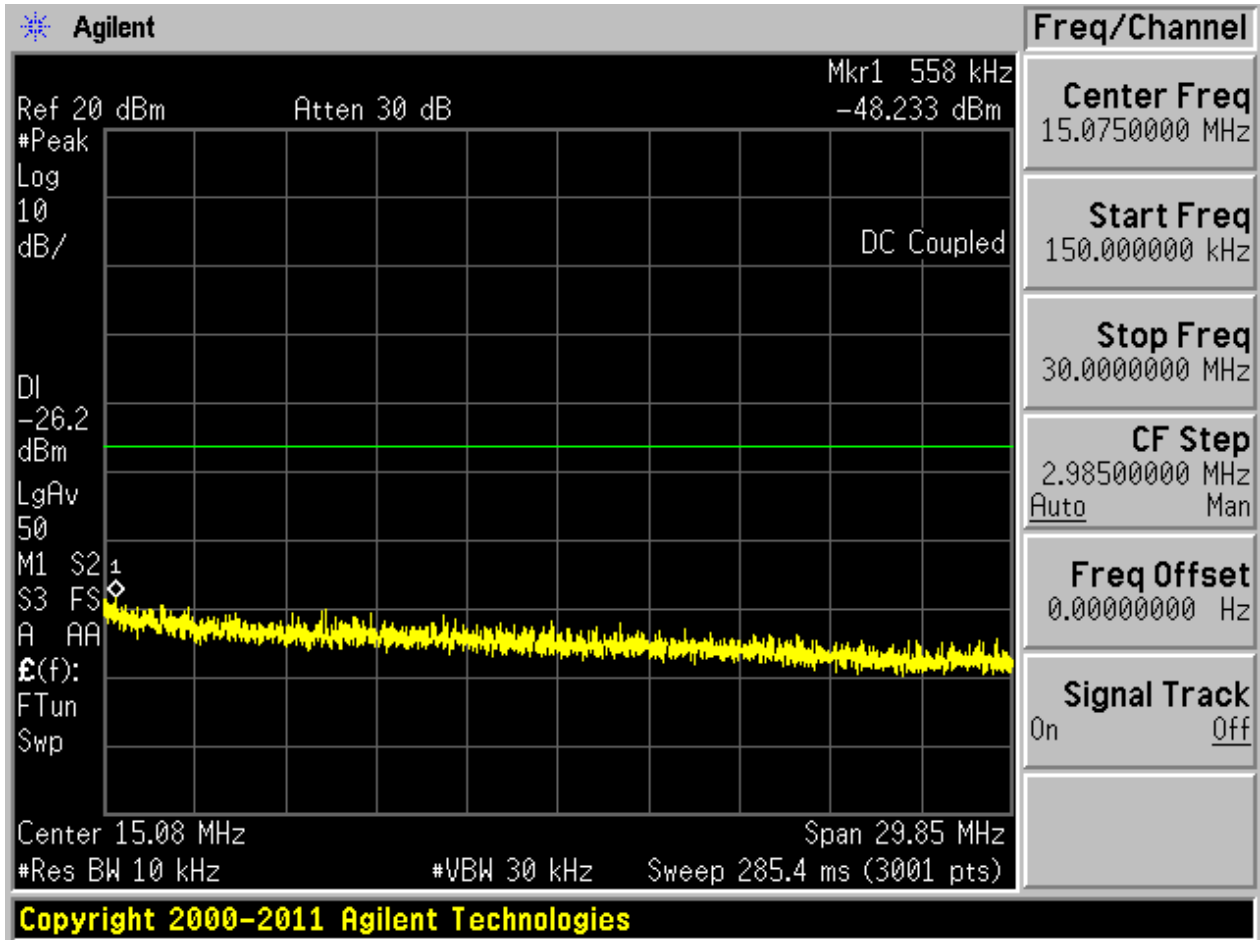
2.2011N40/0_B@2

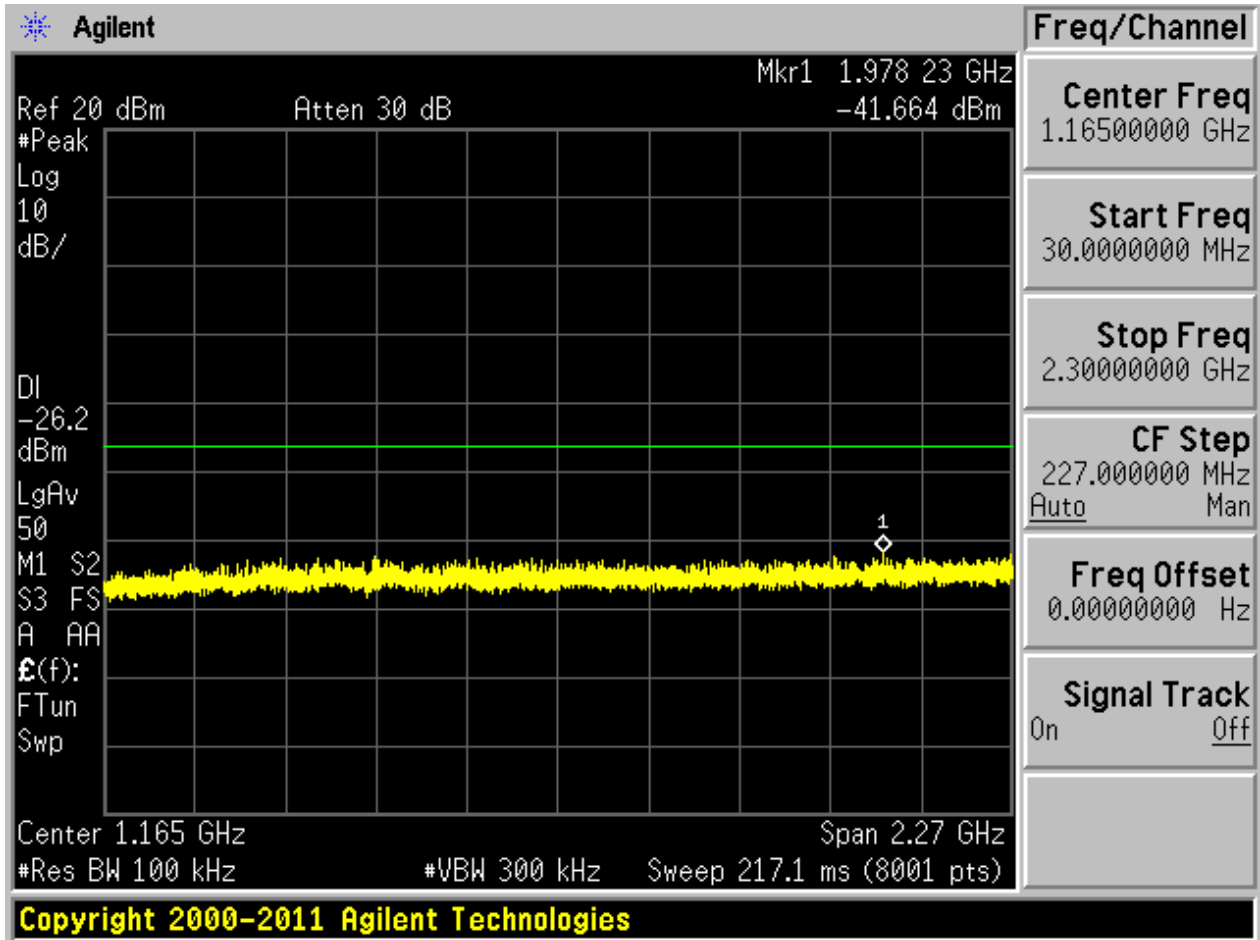
2.20.1 Pref

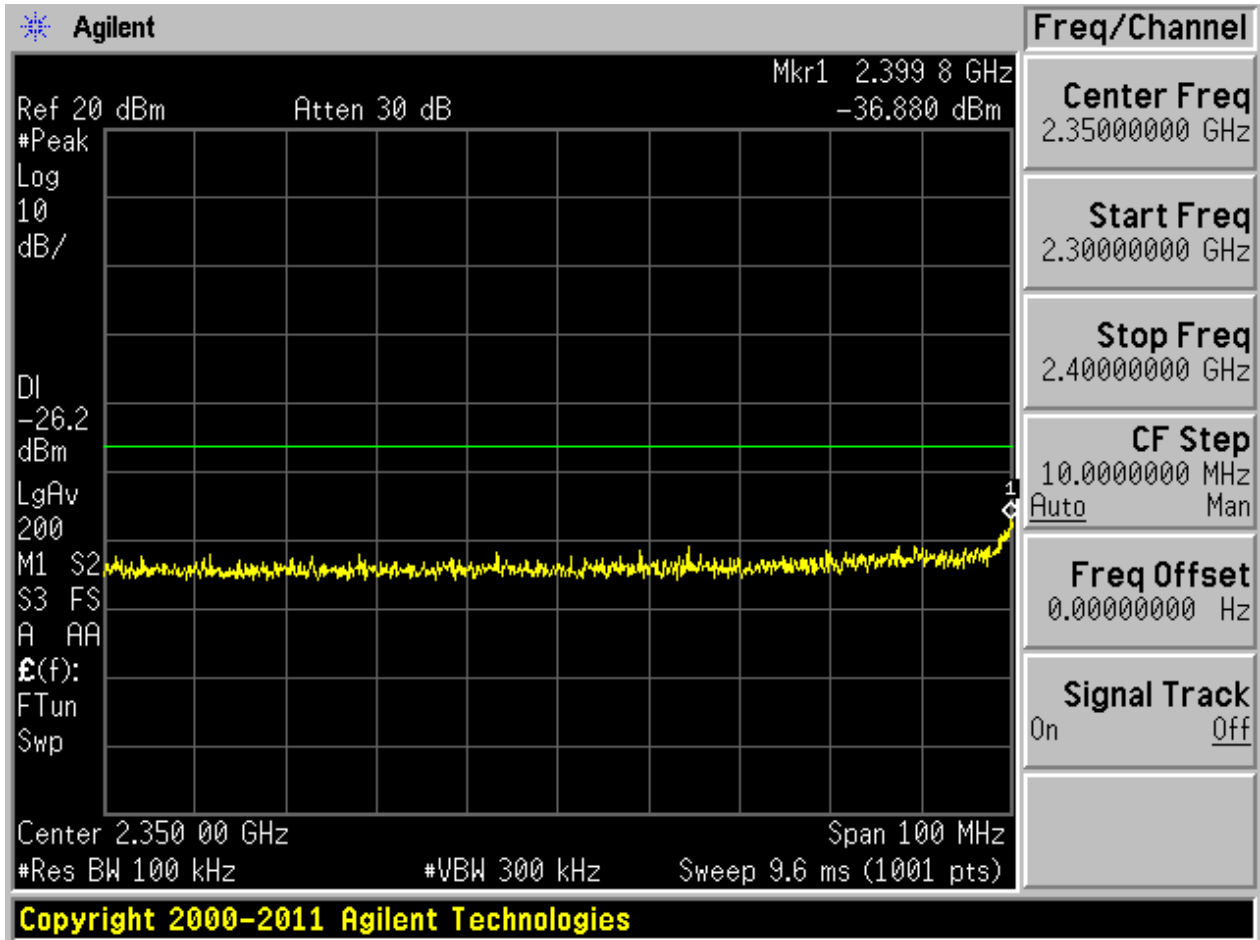


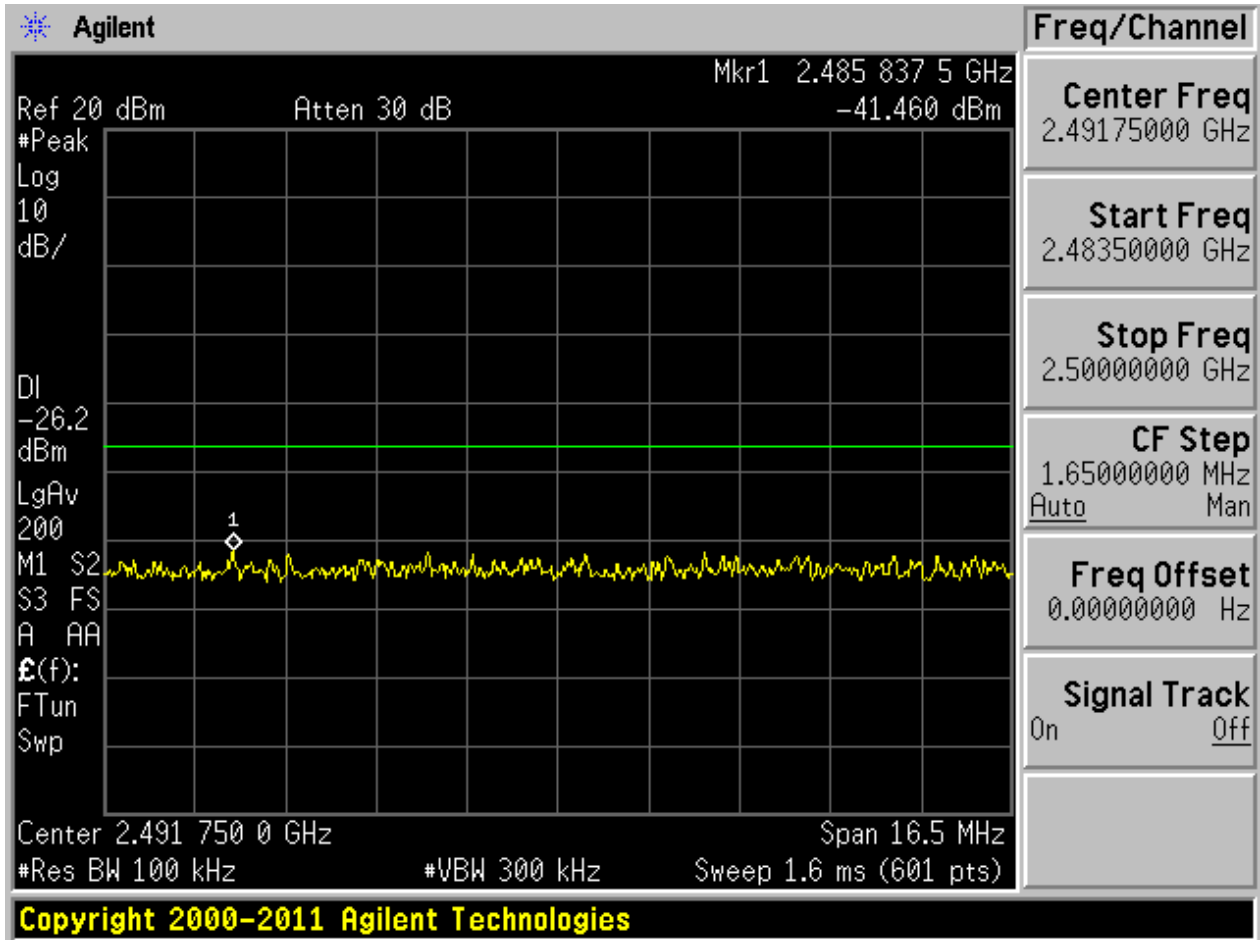
2.20.2 Puw

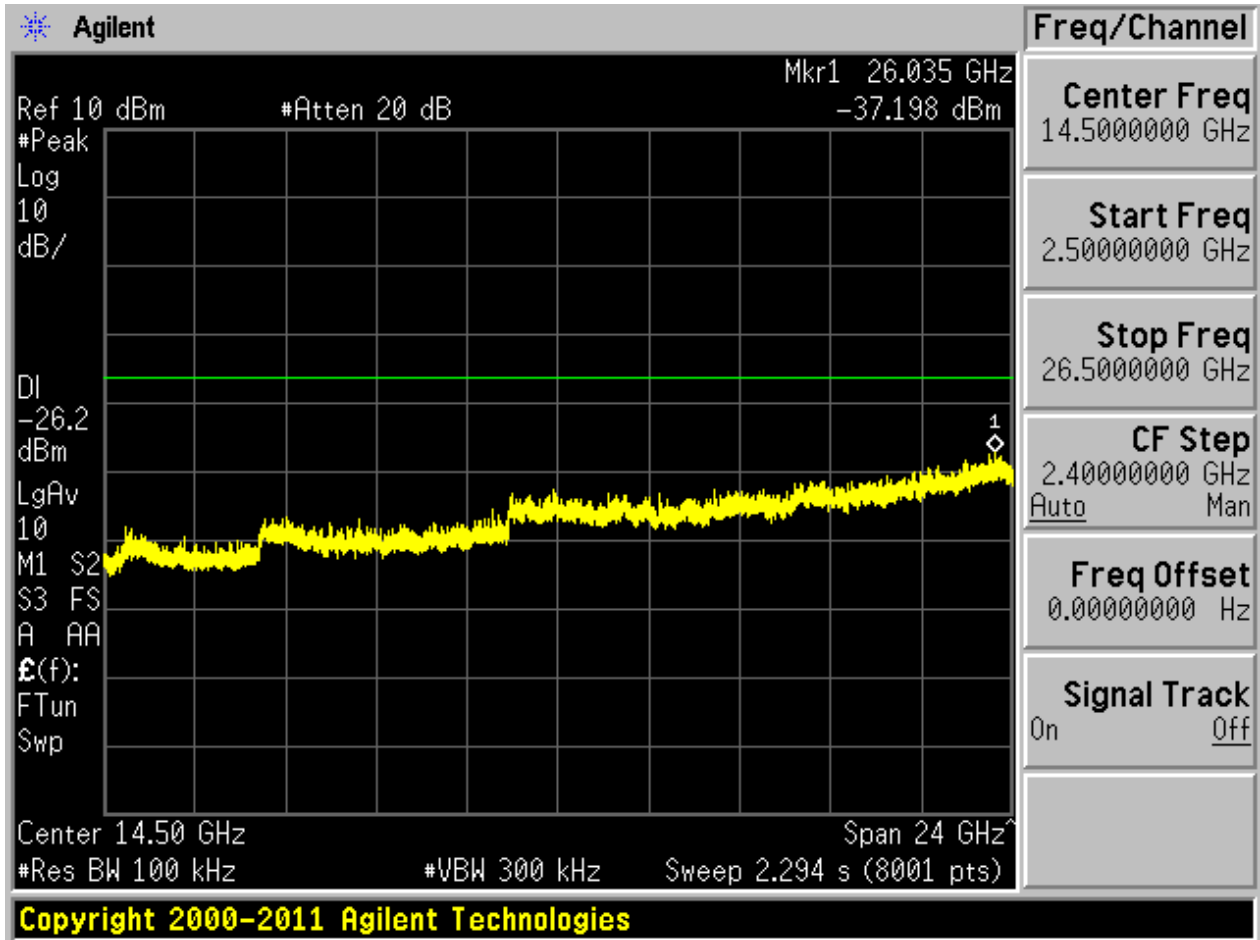






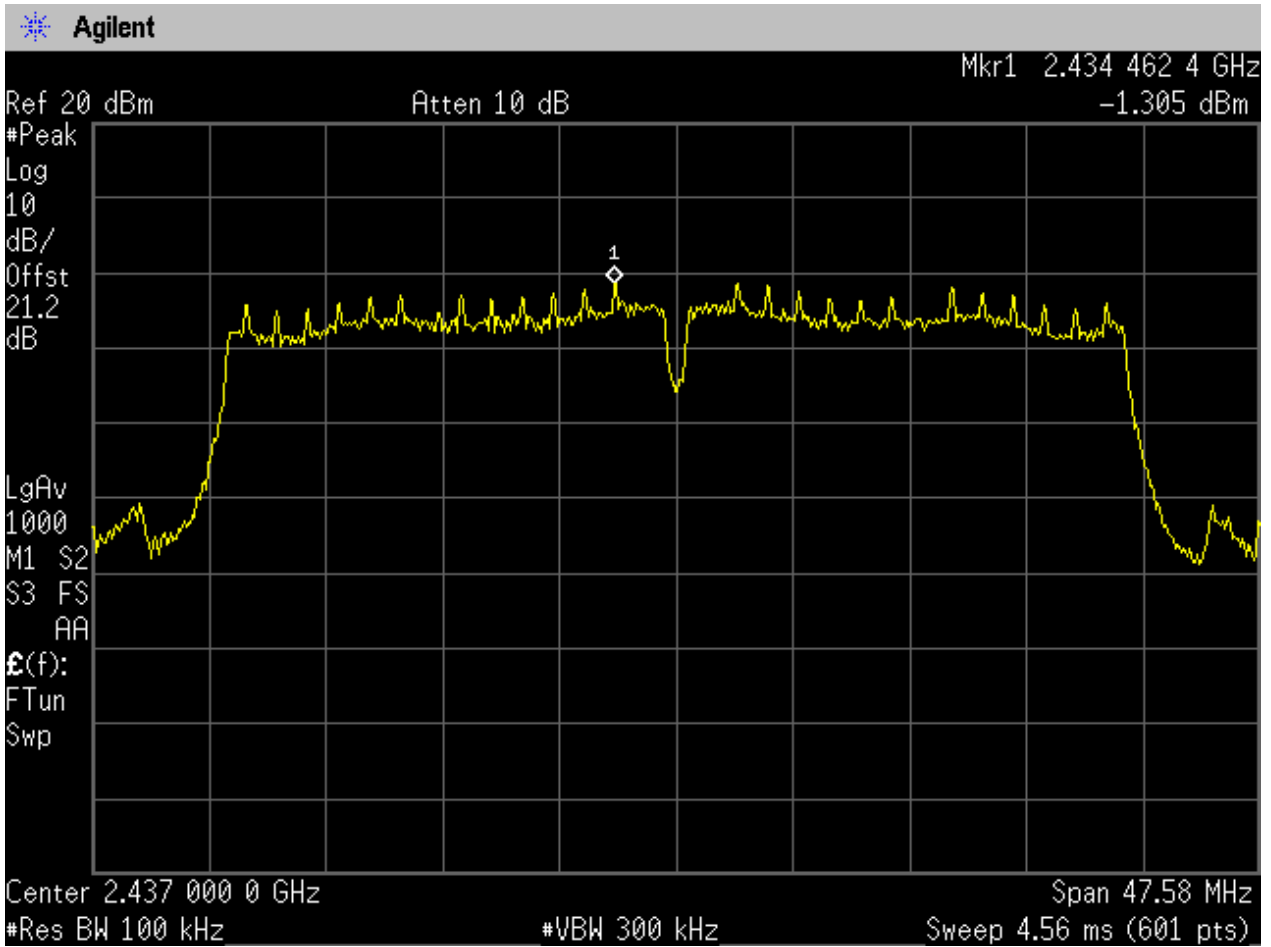




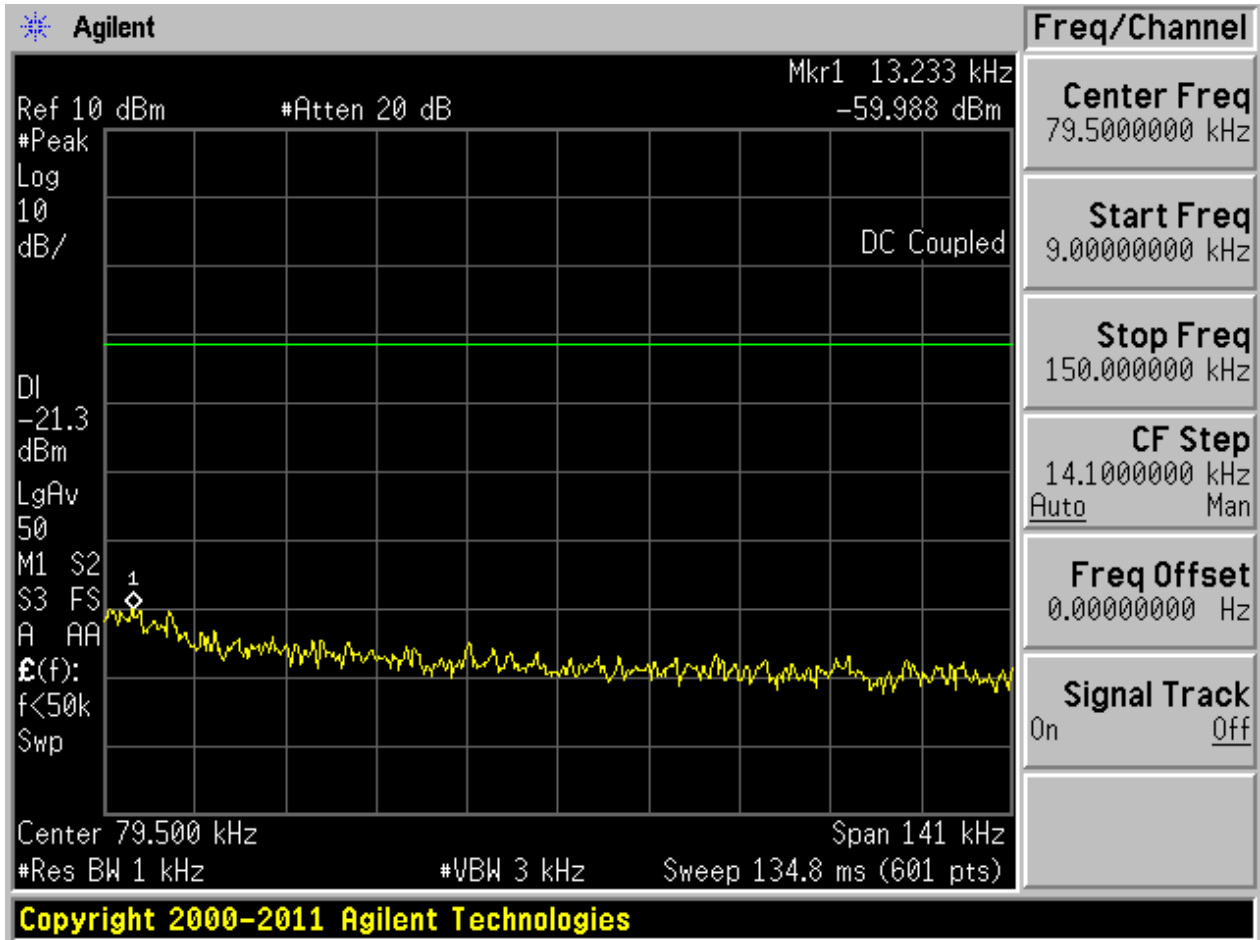


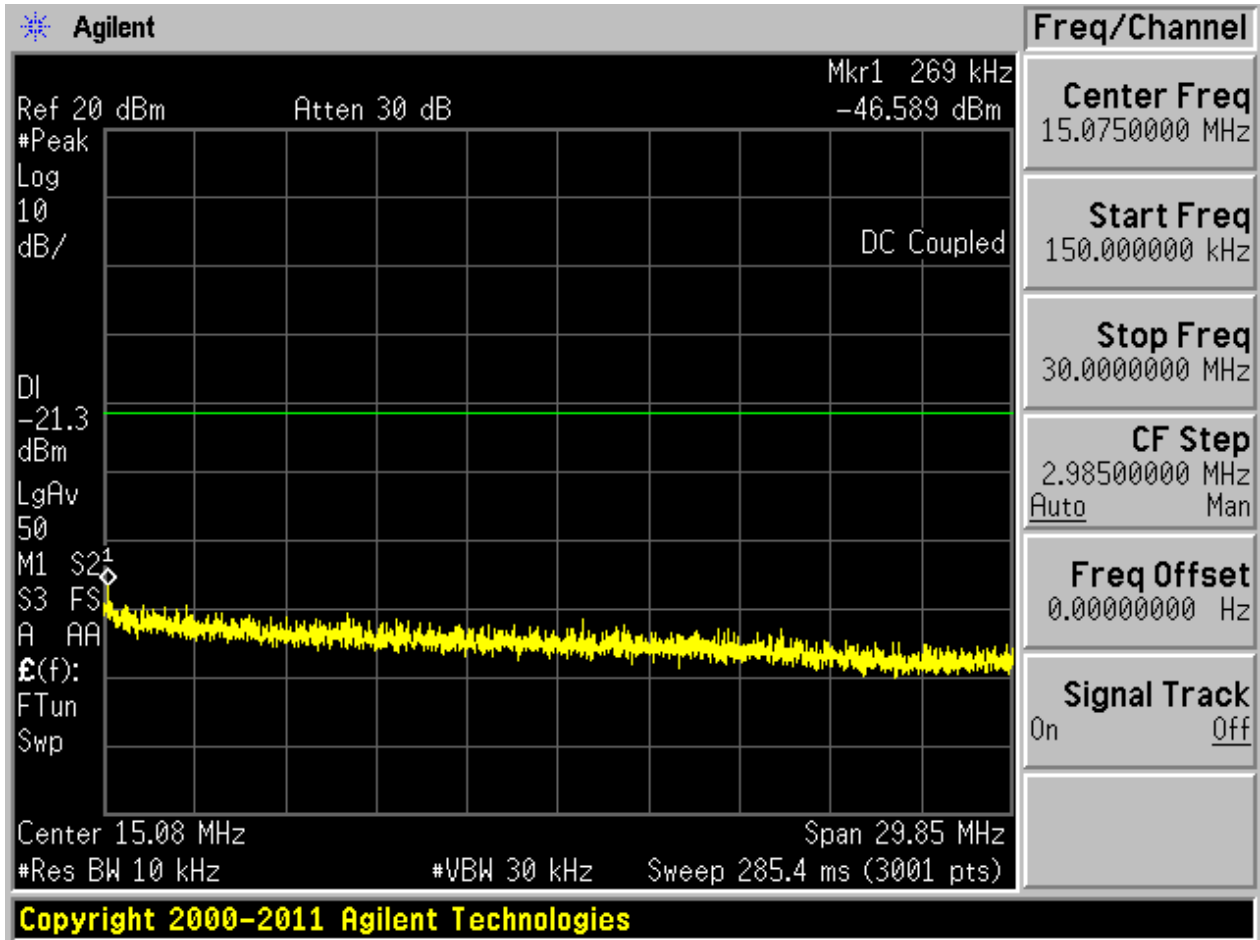
2.2111N40/0_M@1

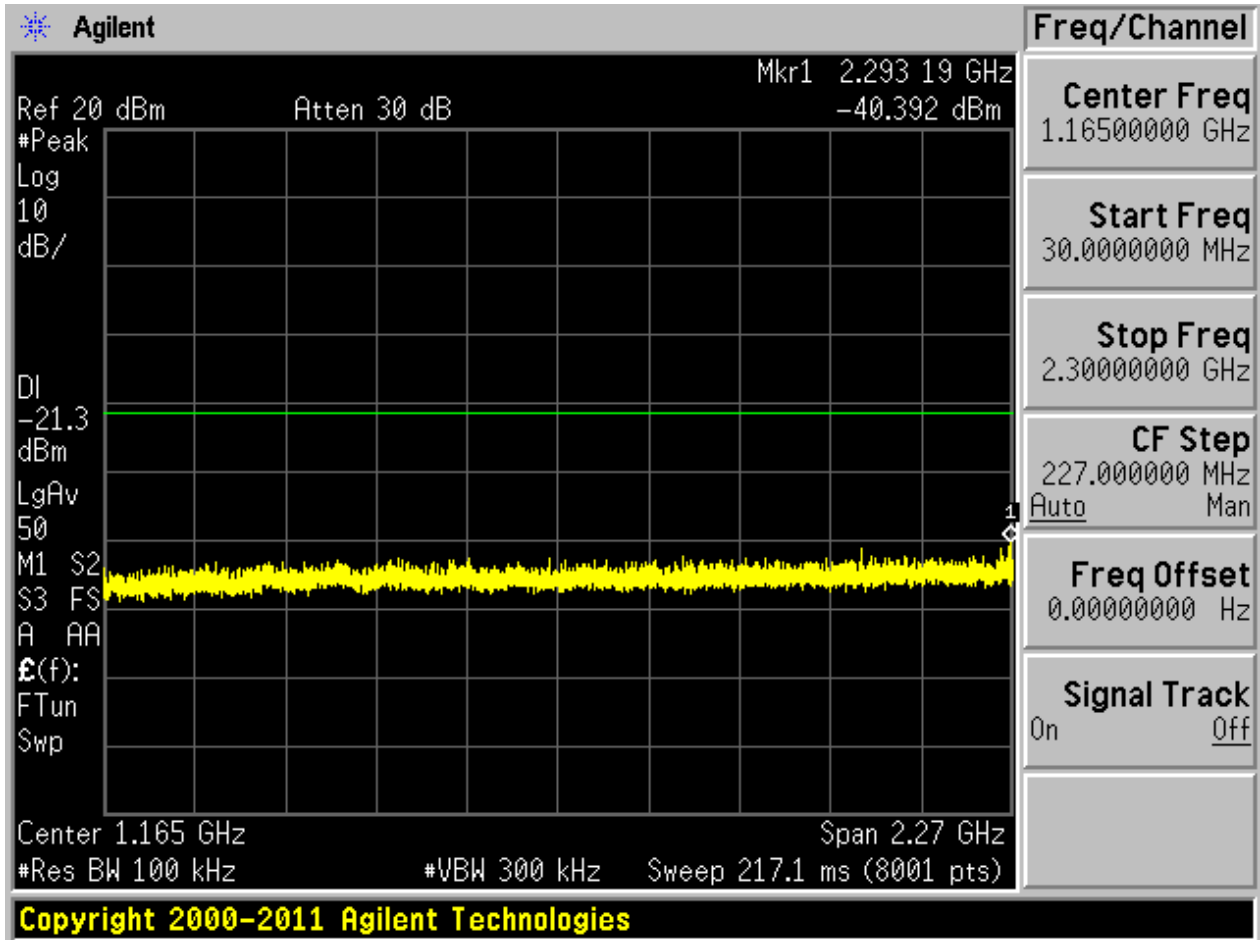
2.21.1 Pref

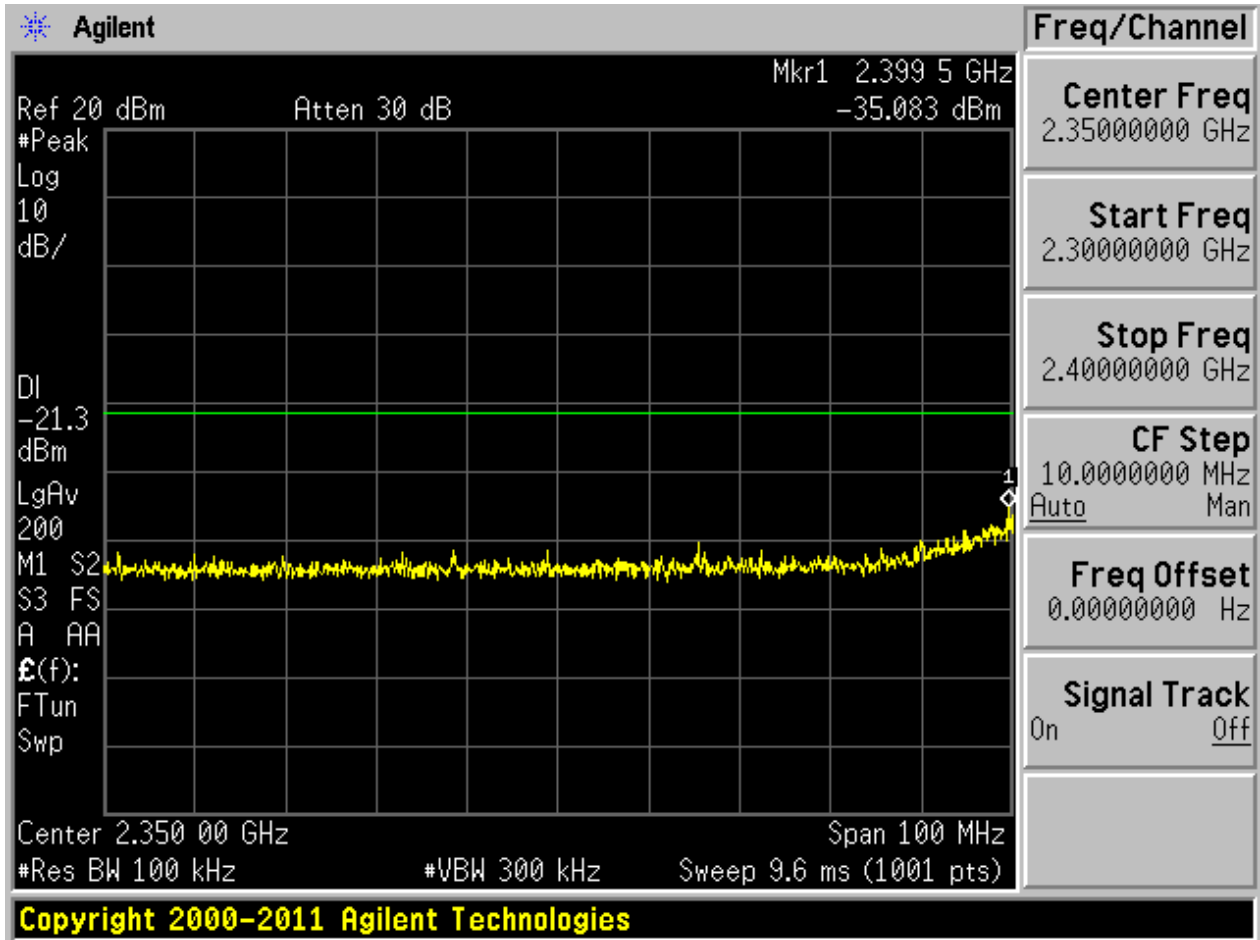


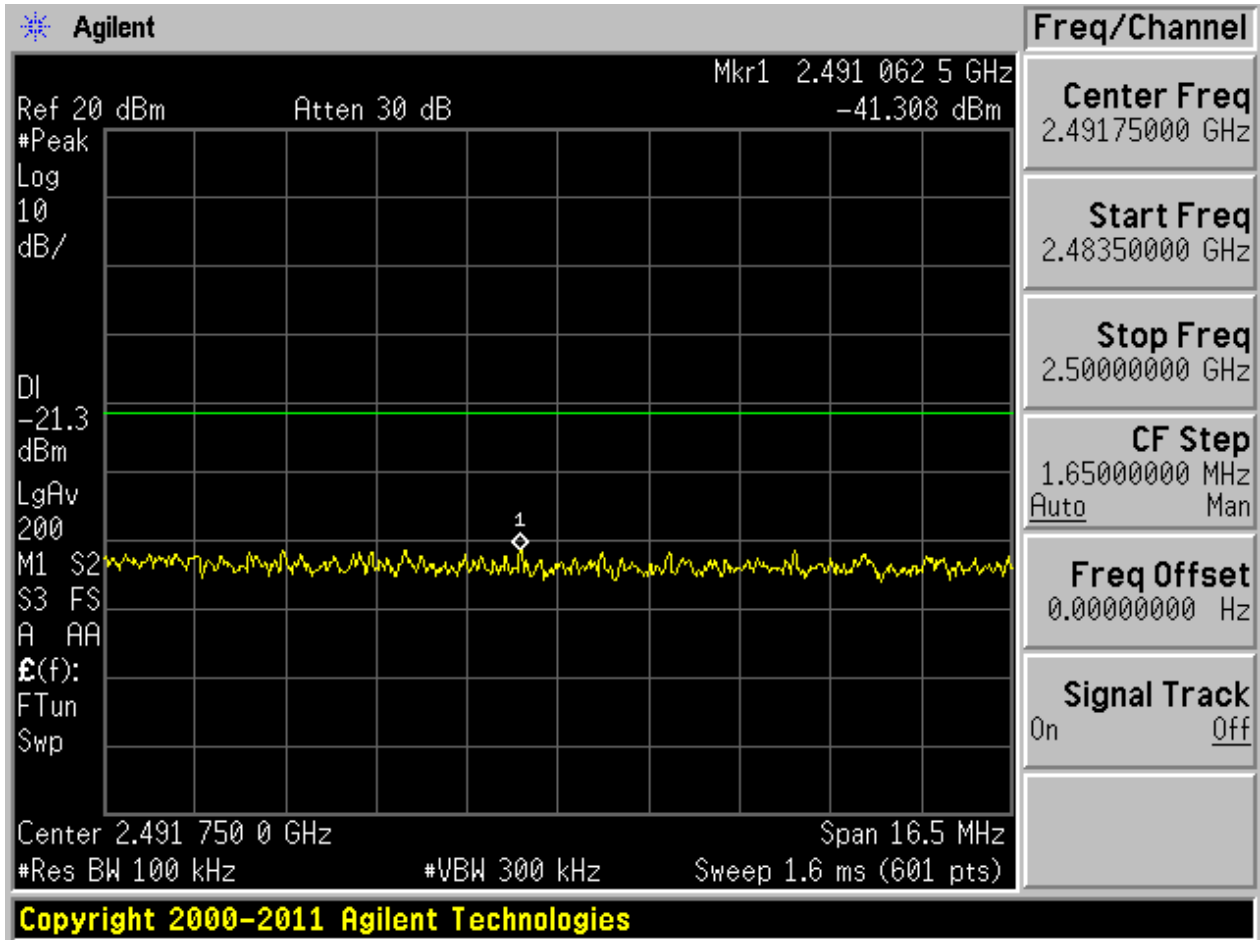
2.21.2 Puw

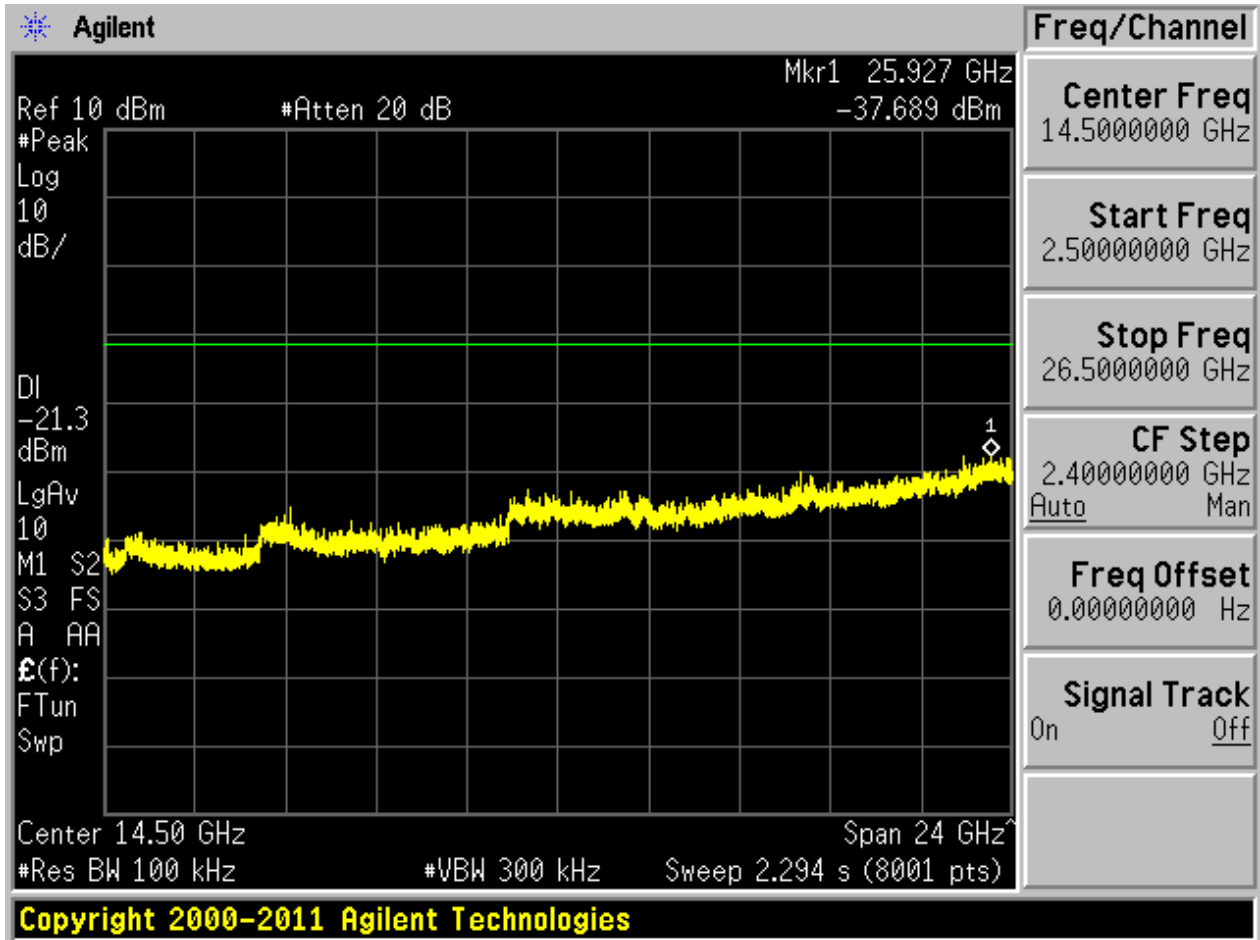






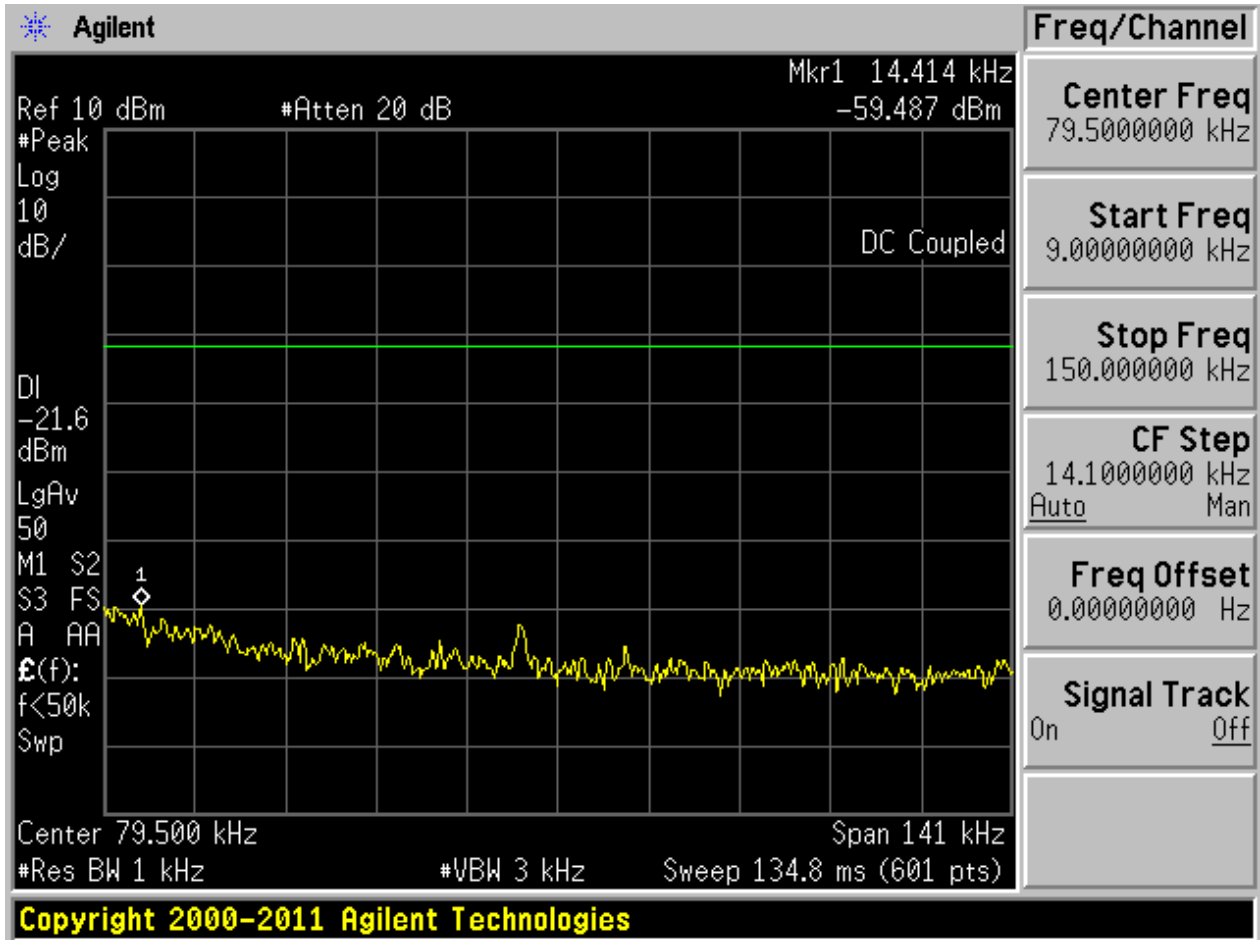


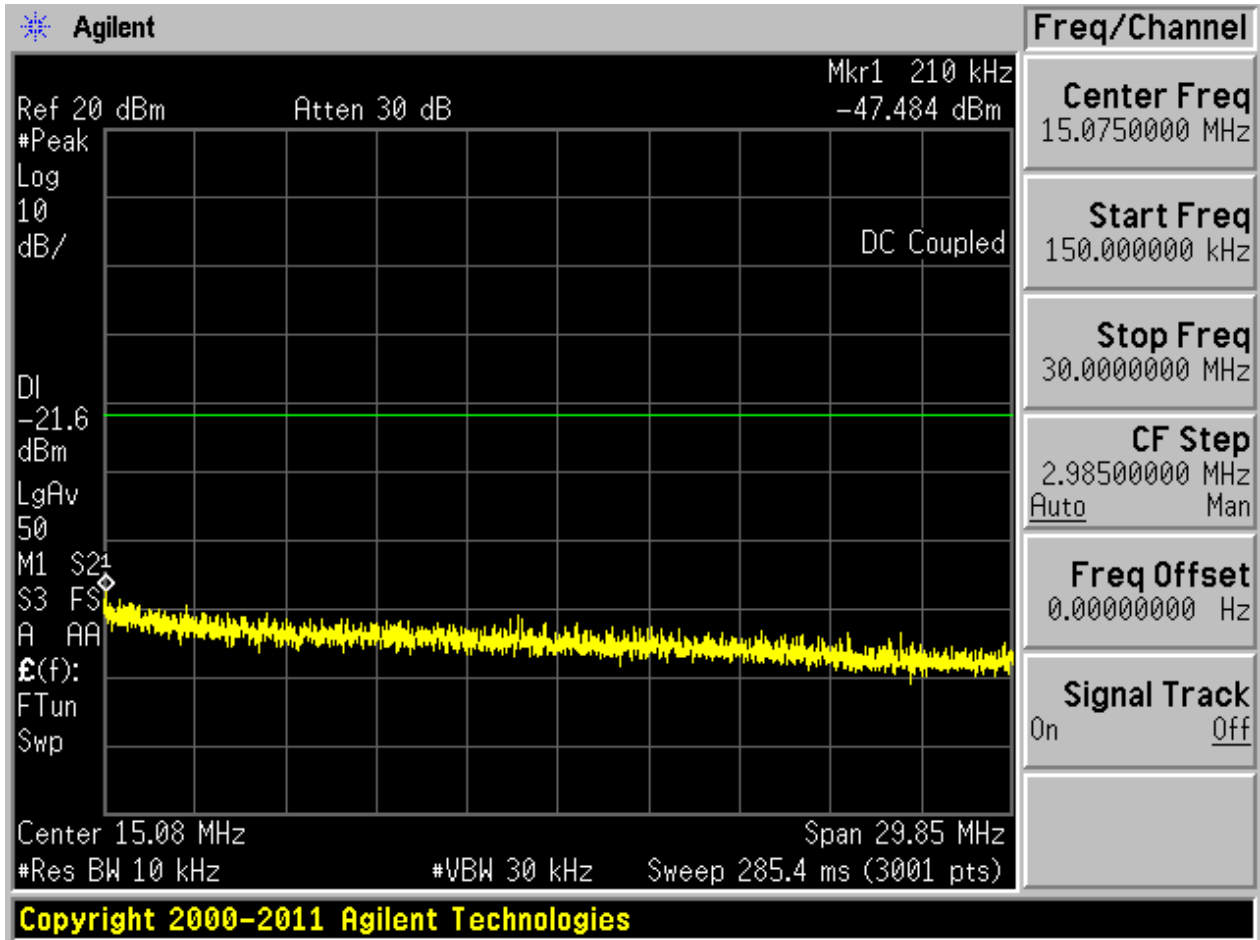


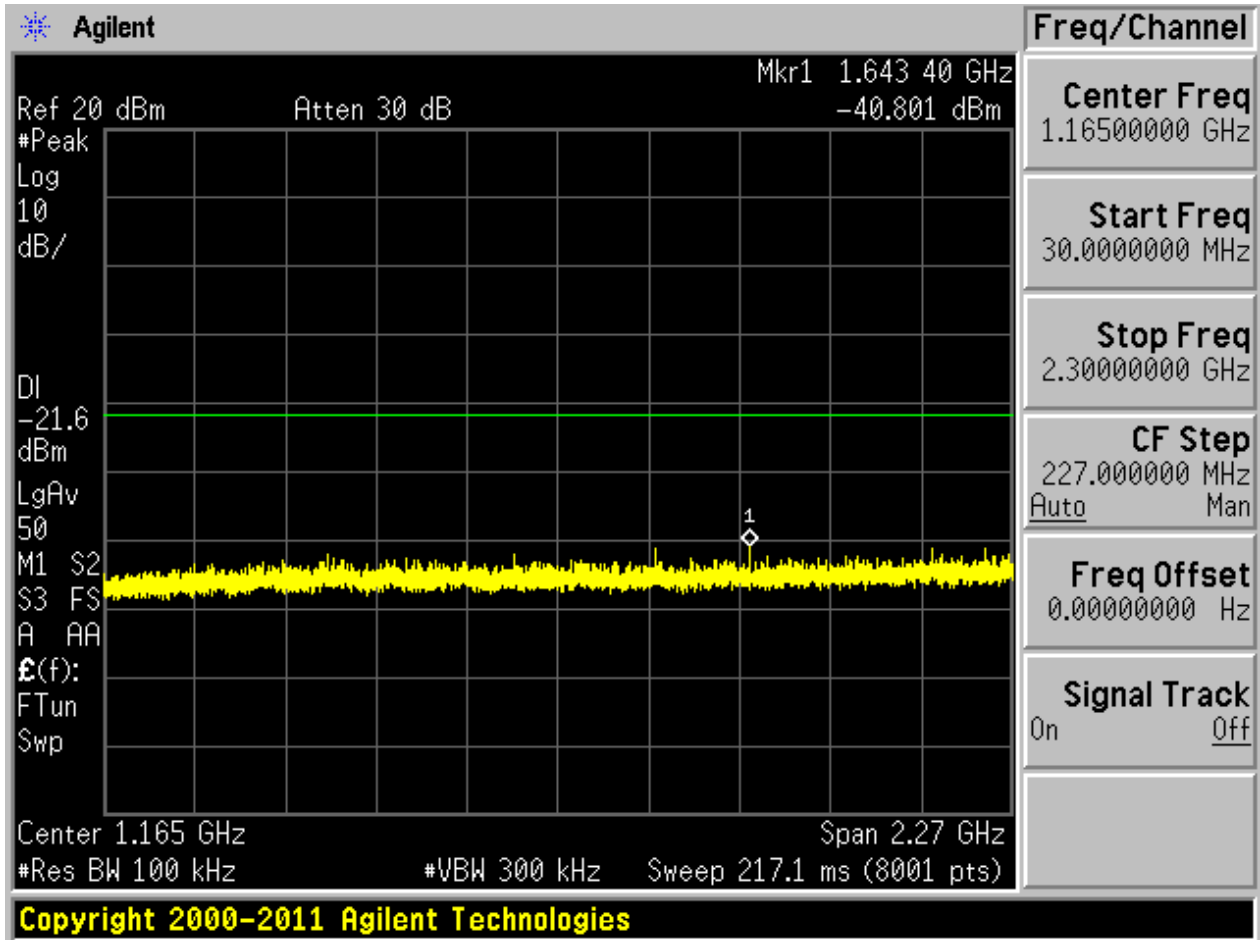


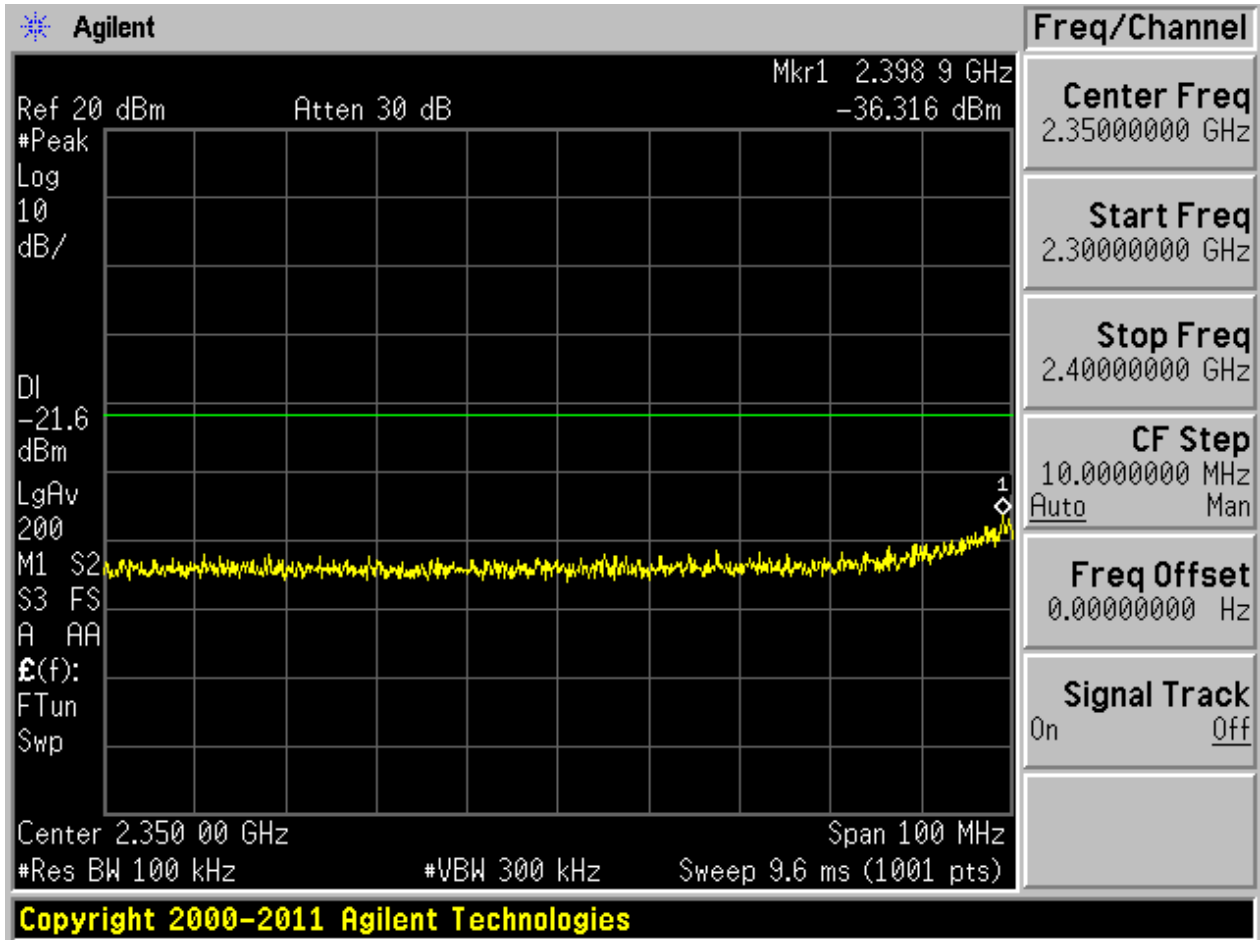
2.2211N40/0_M@2

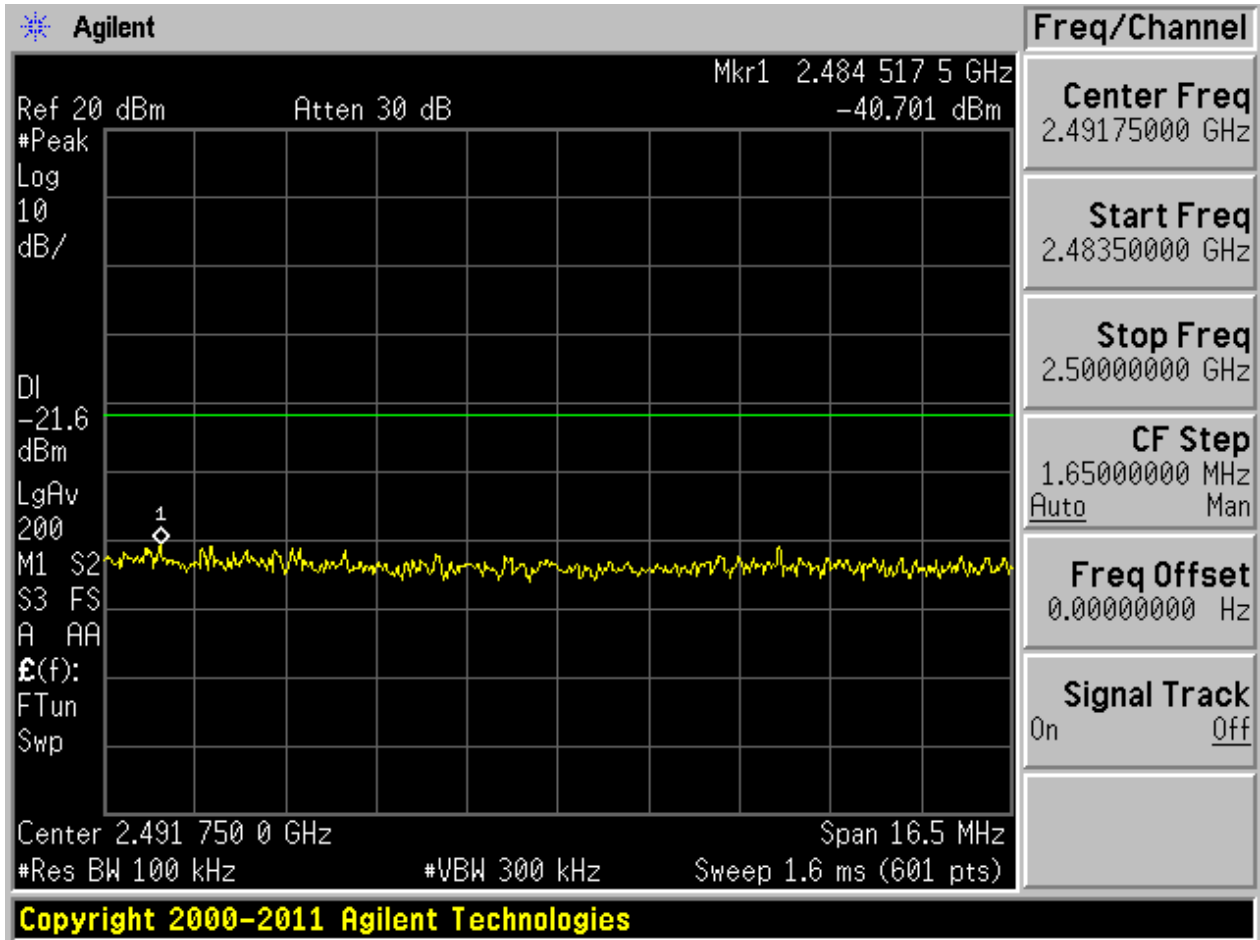
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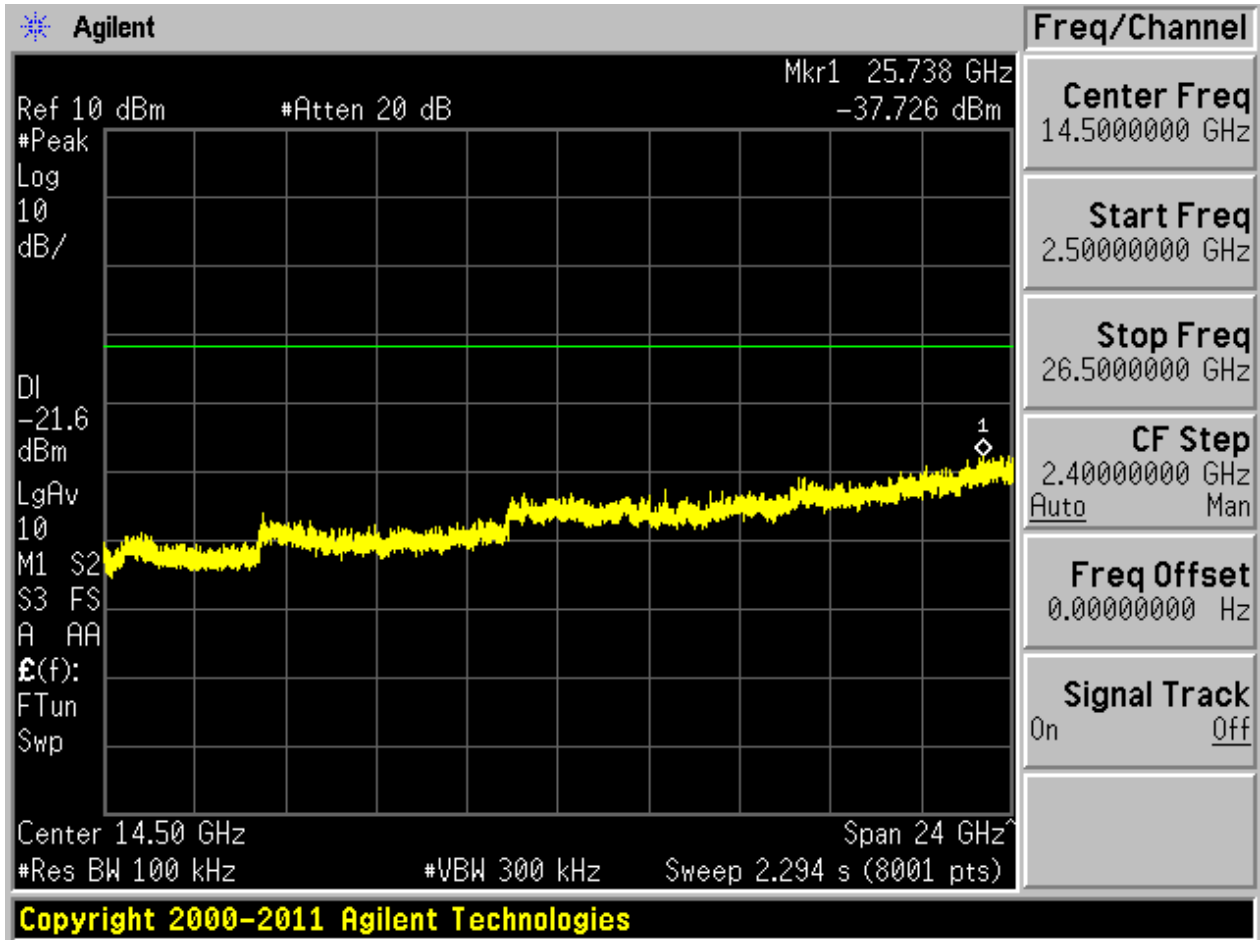






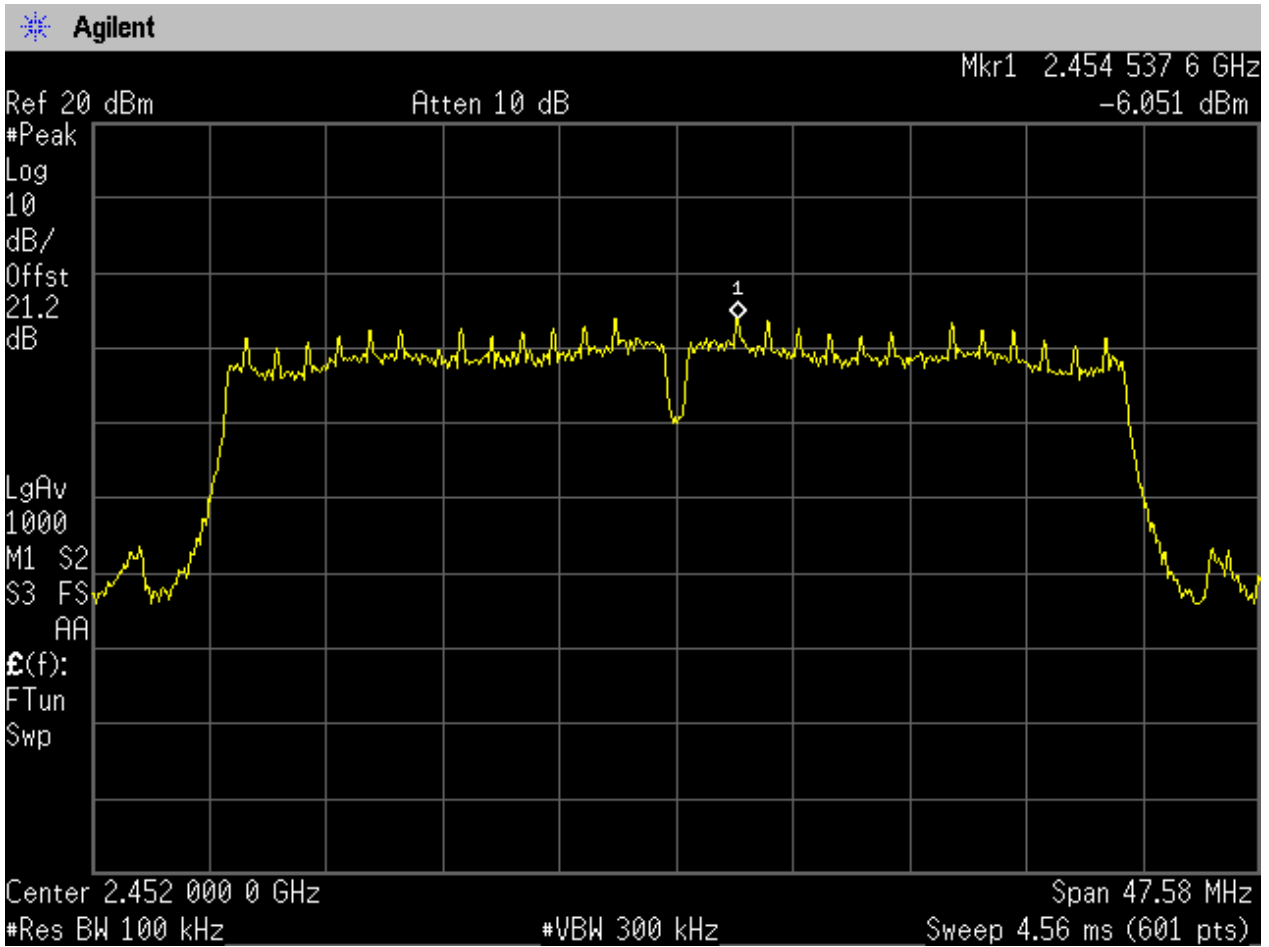




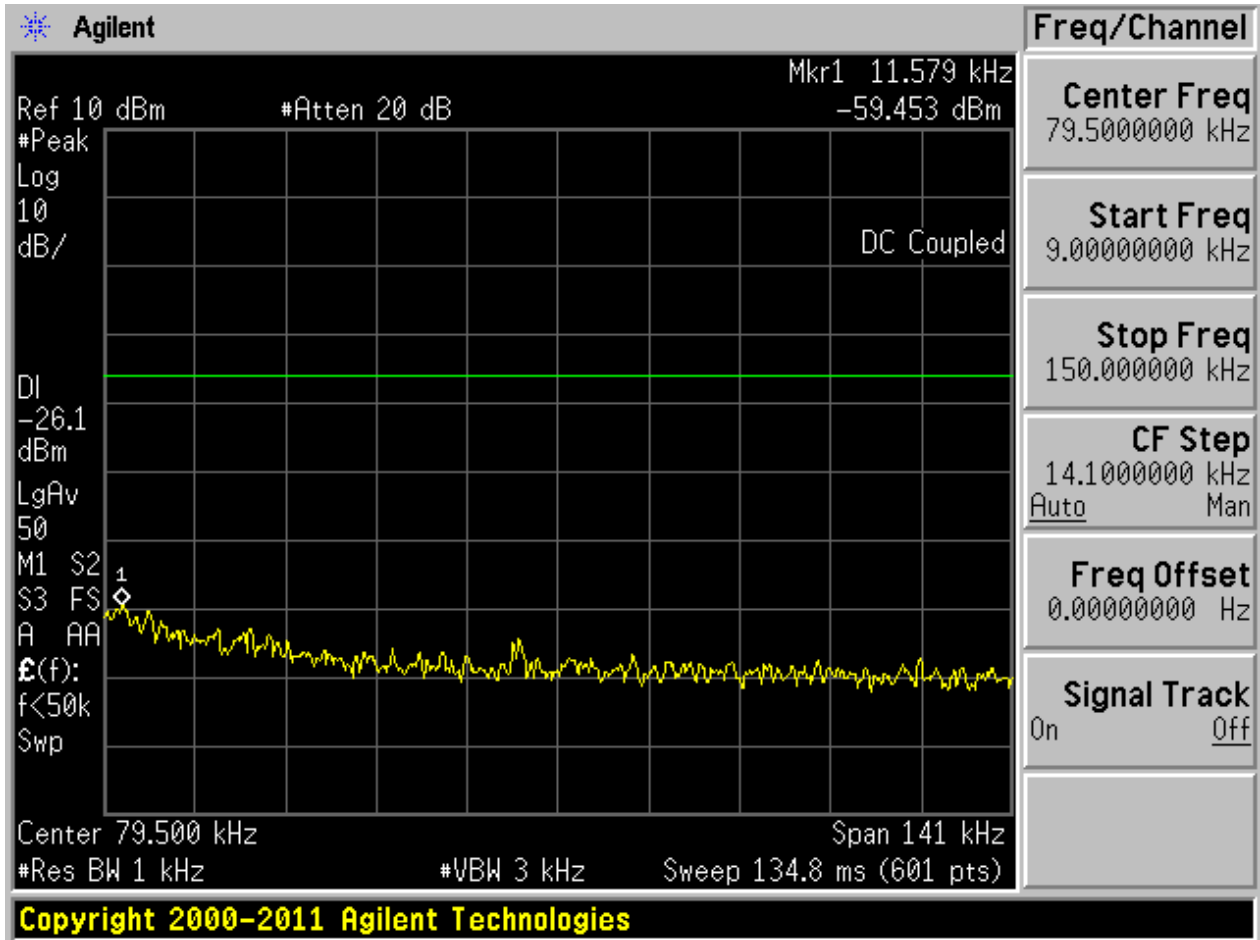


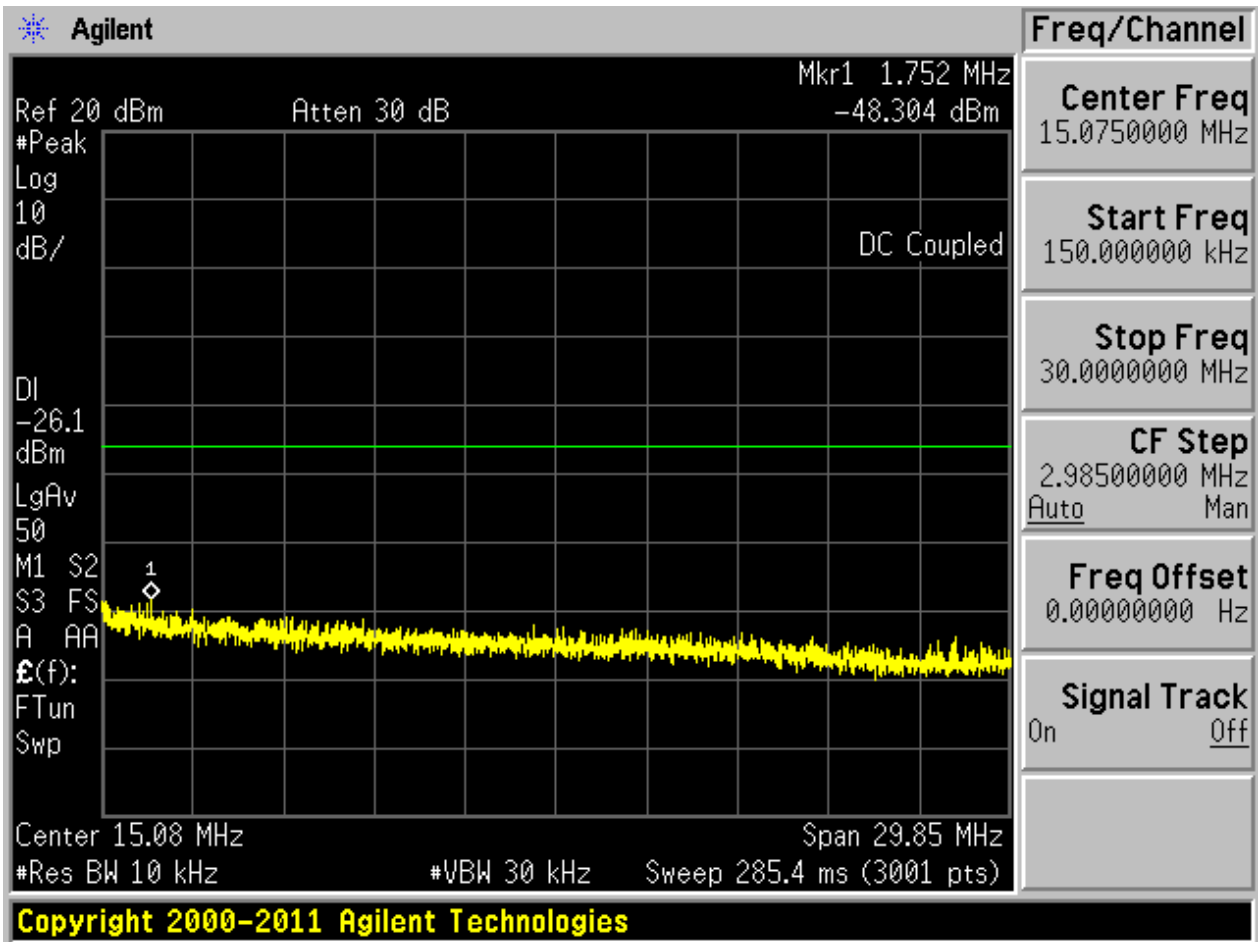
2.2311N40/0_T@1

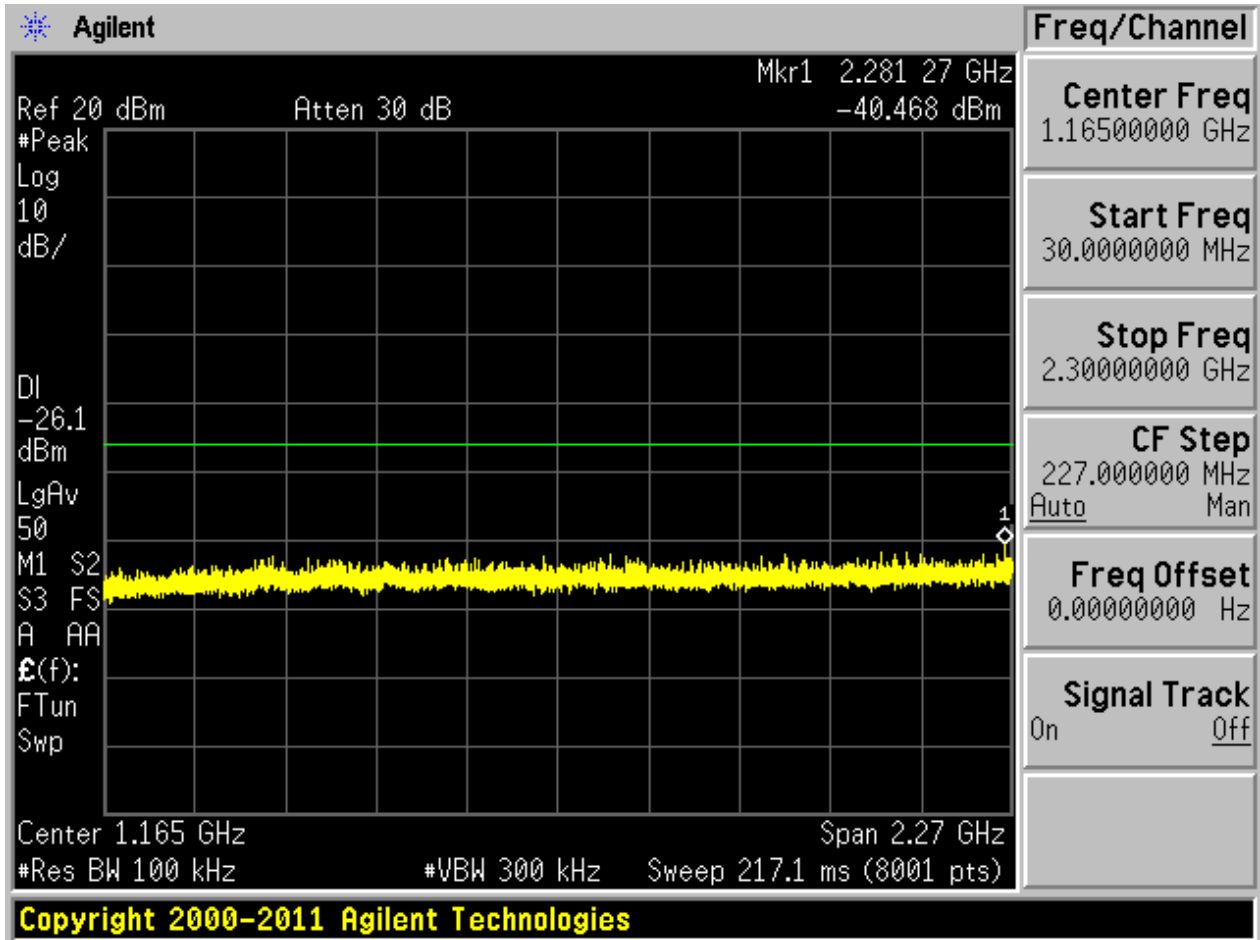
2.23.1 Pref

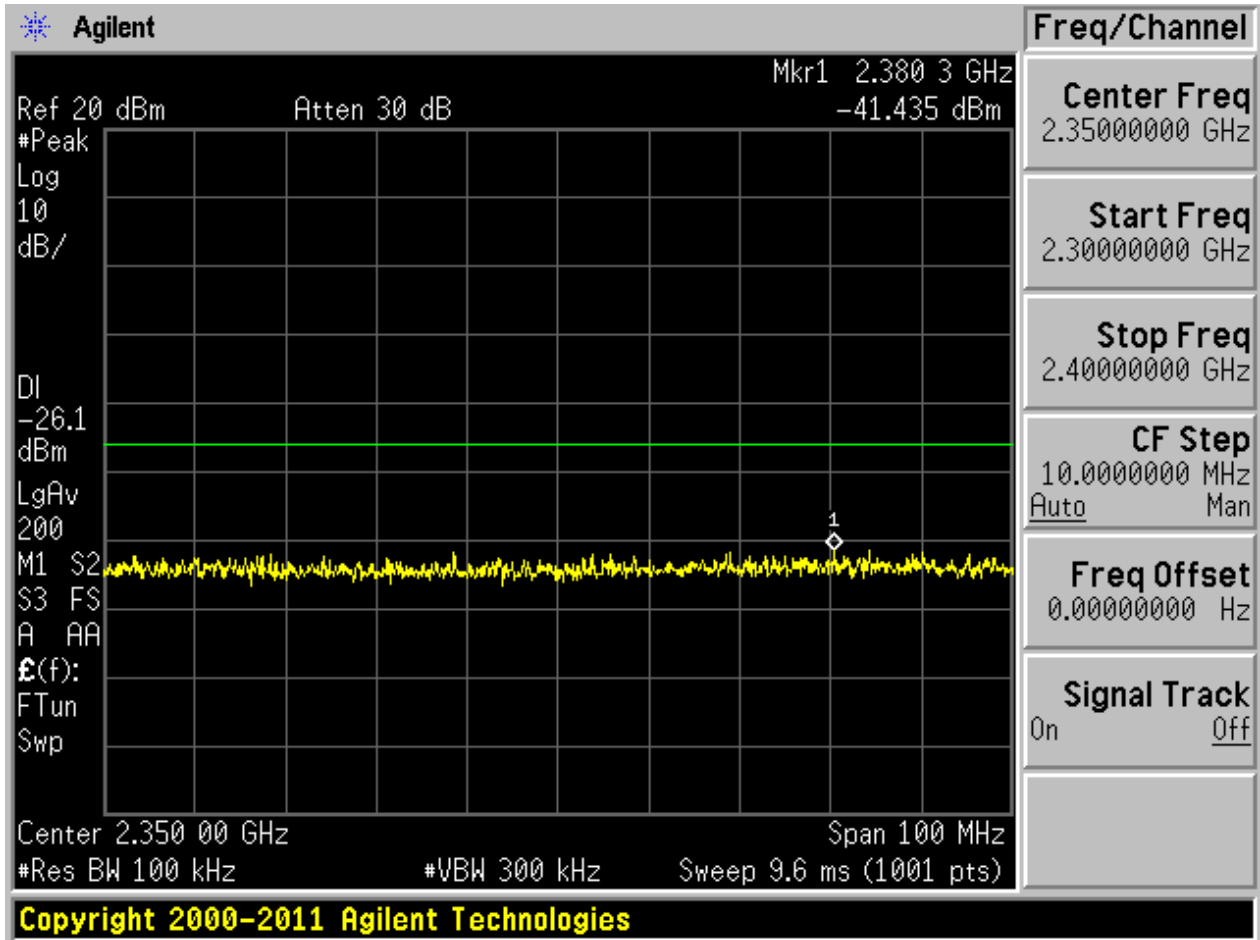


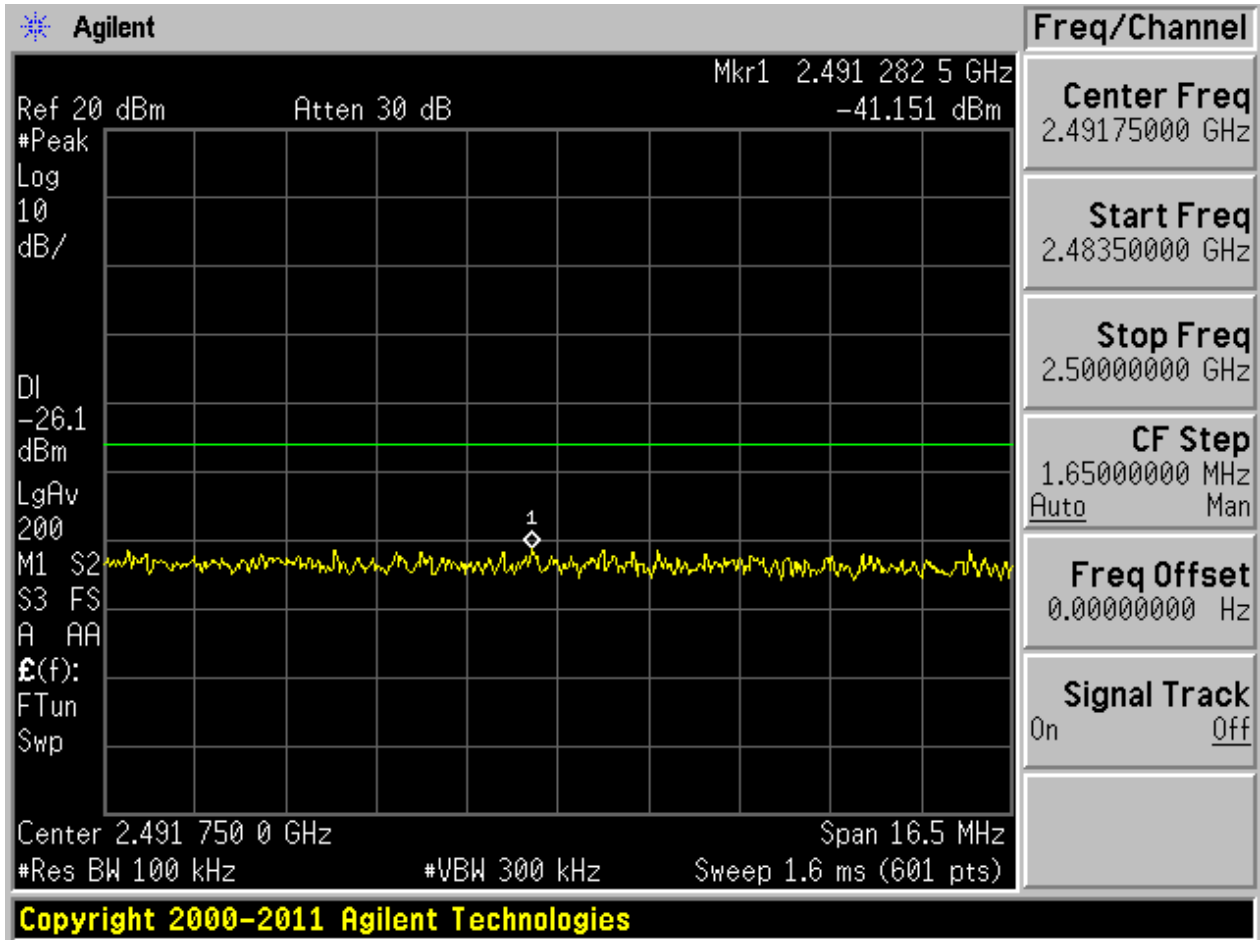
2.23.2 Puw

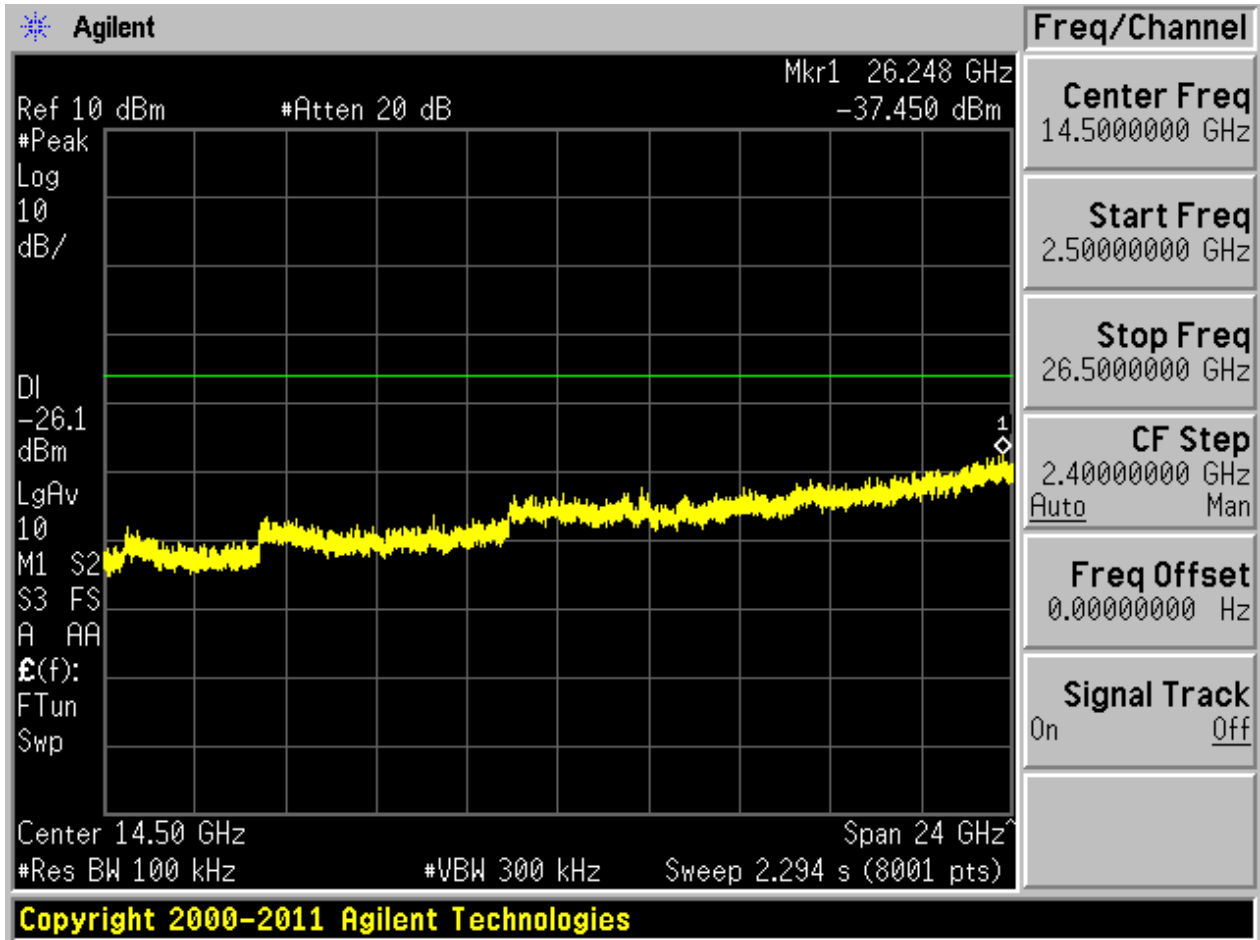






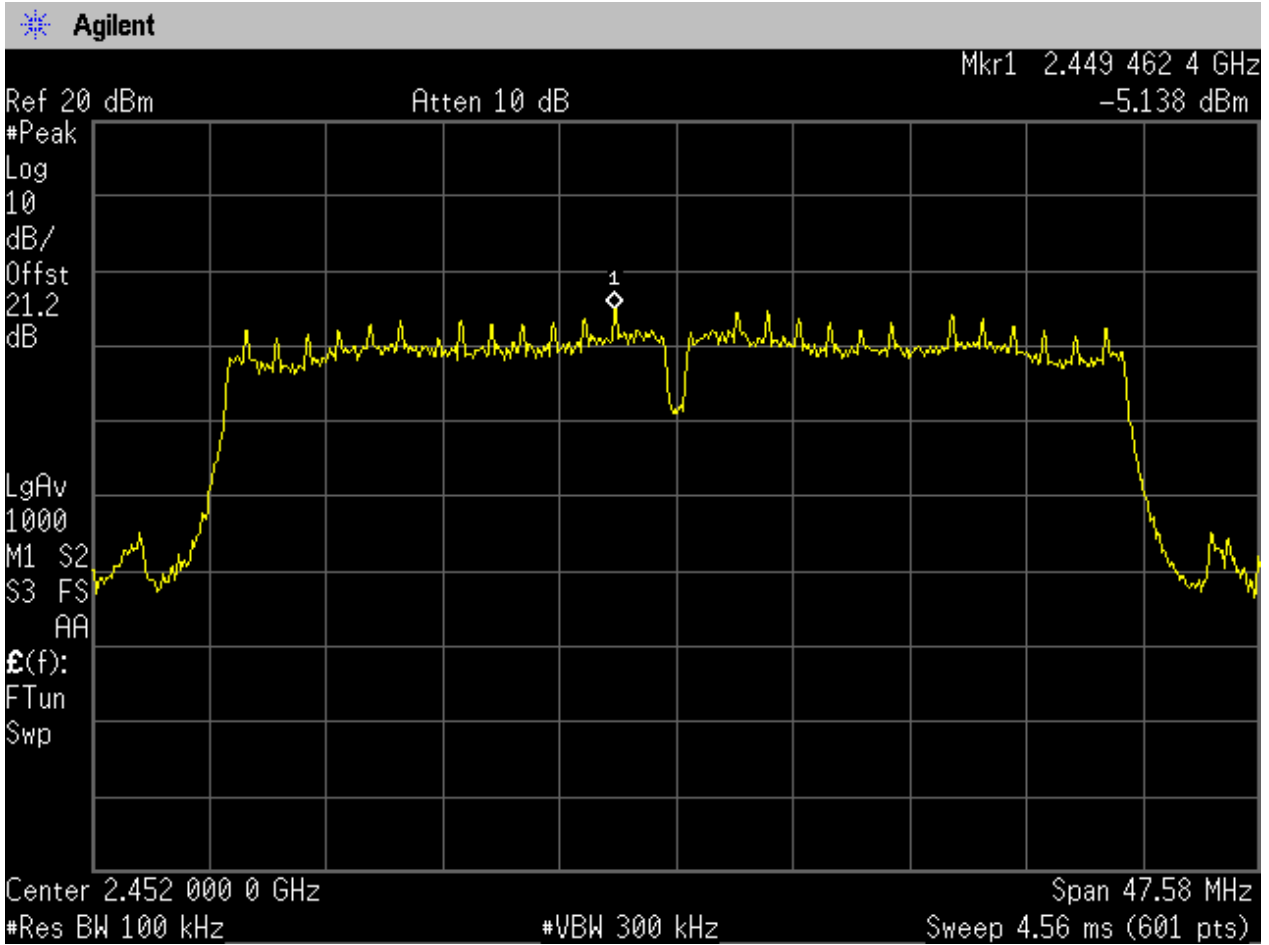




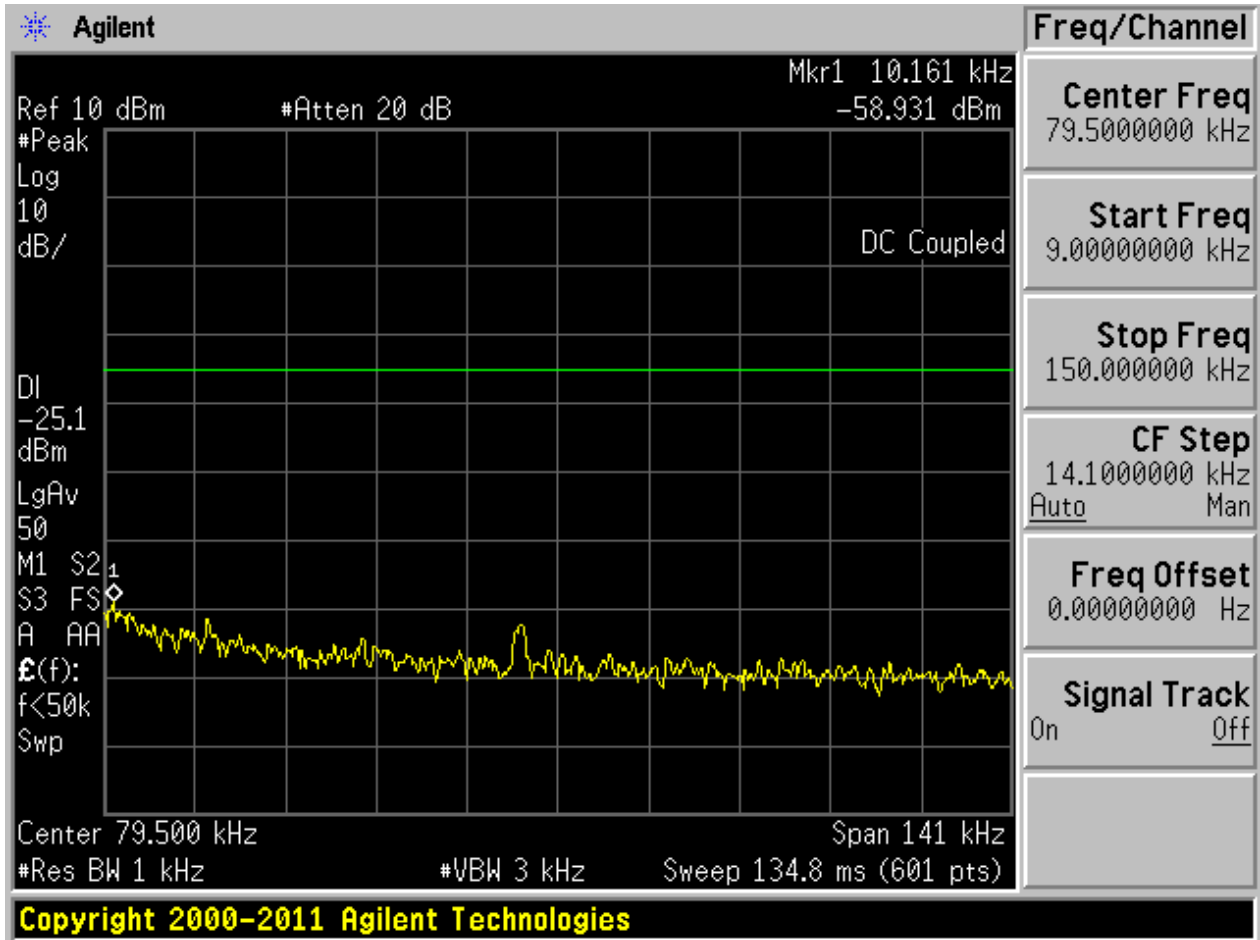


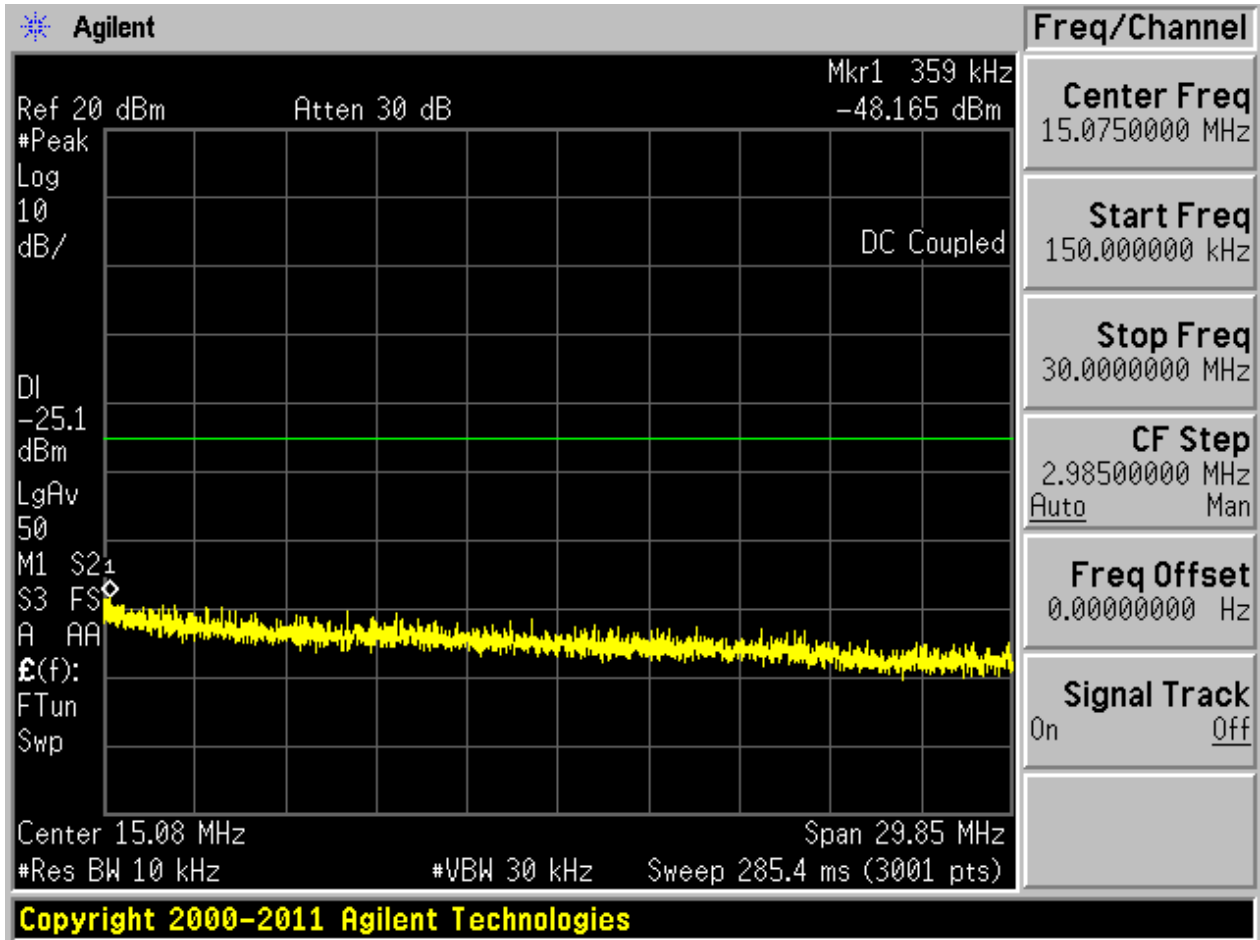
2.2411N40/0_T@2

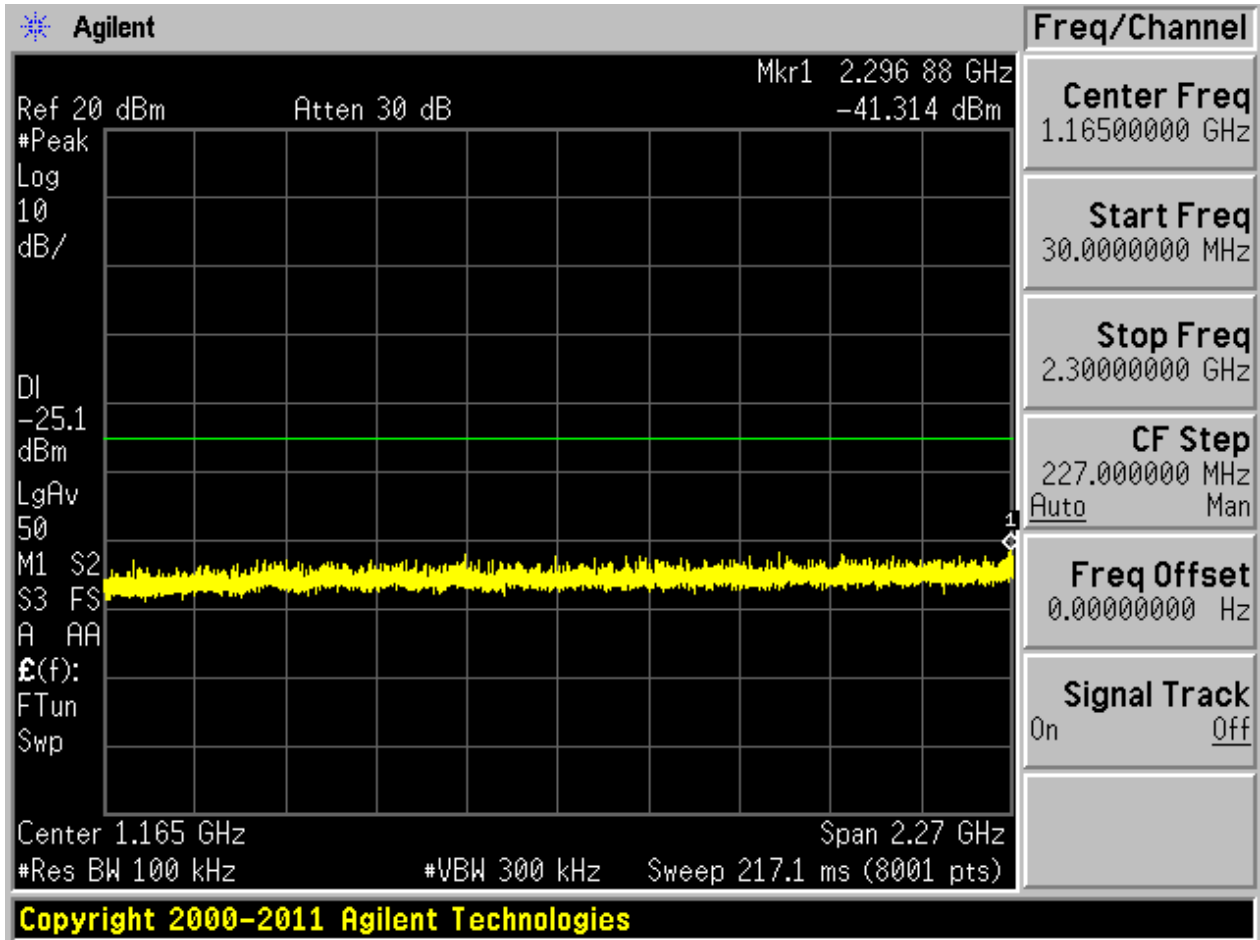
2.24.1 Pref

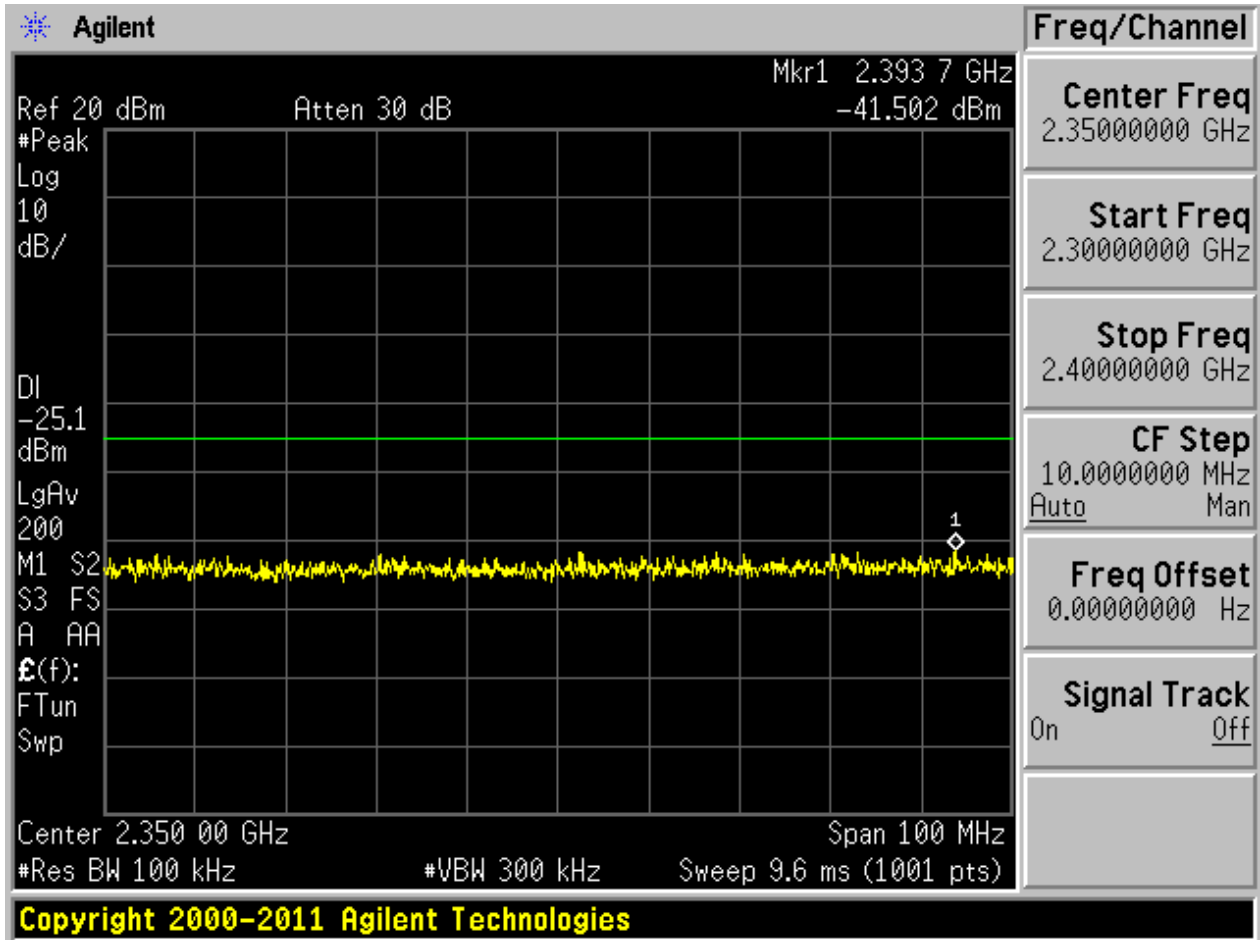


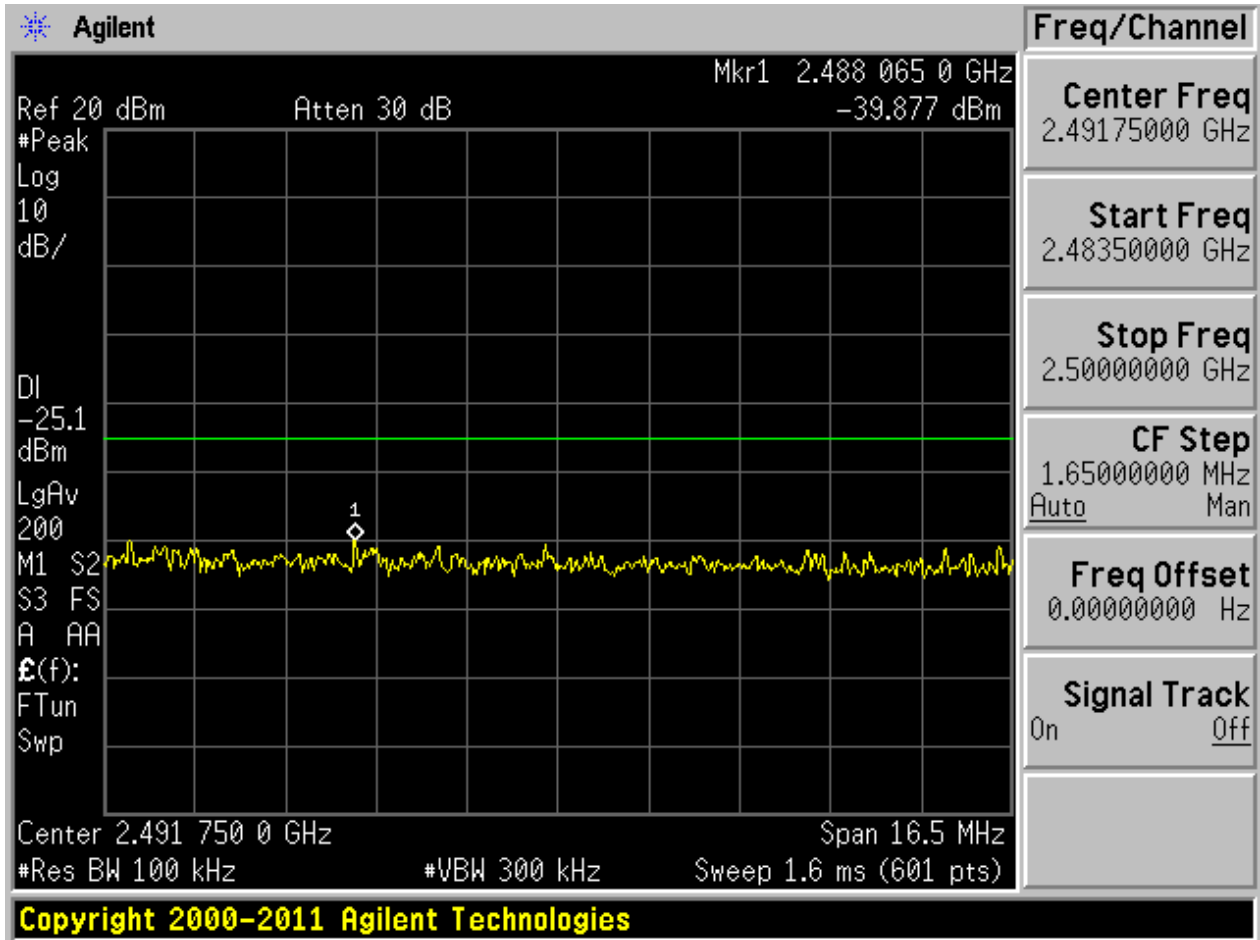
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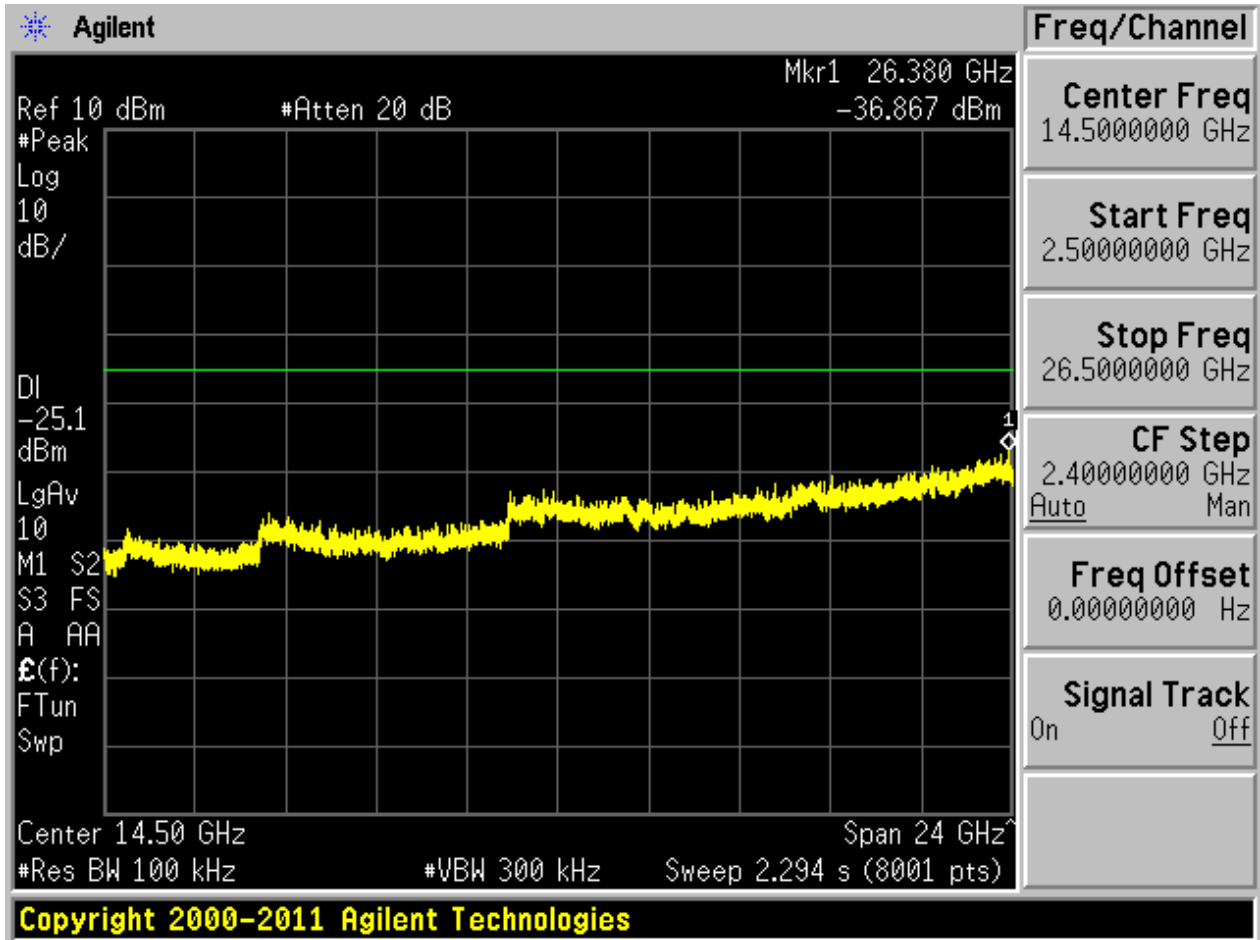








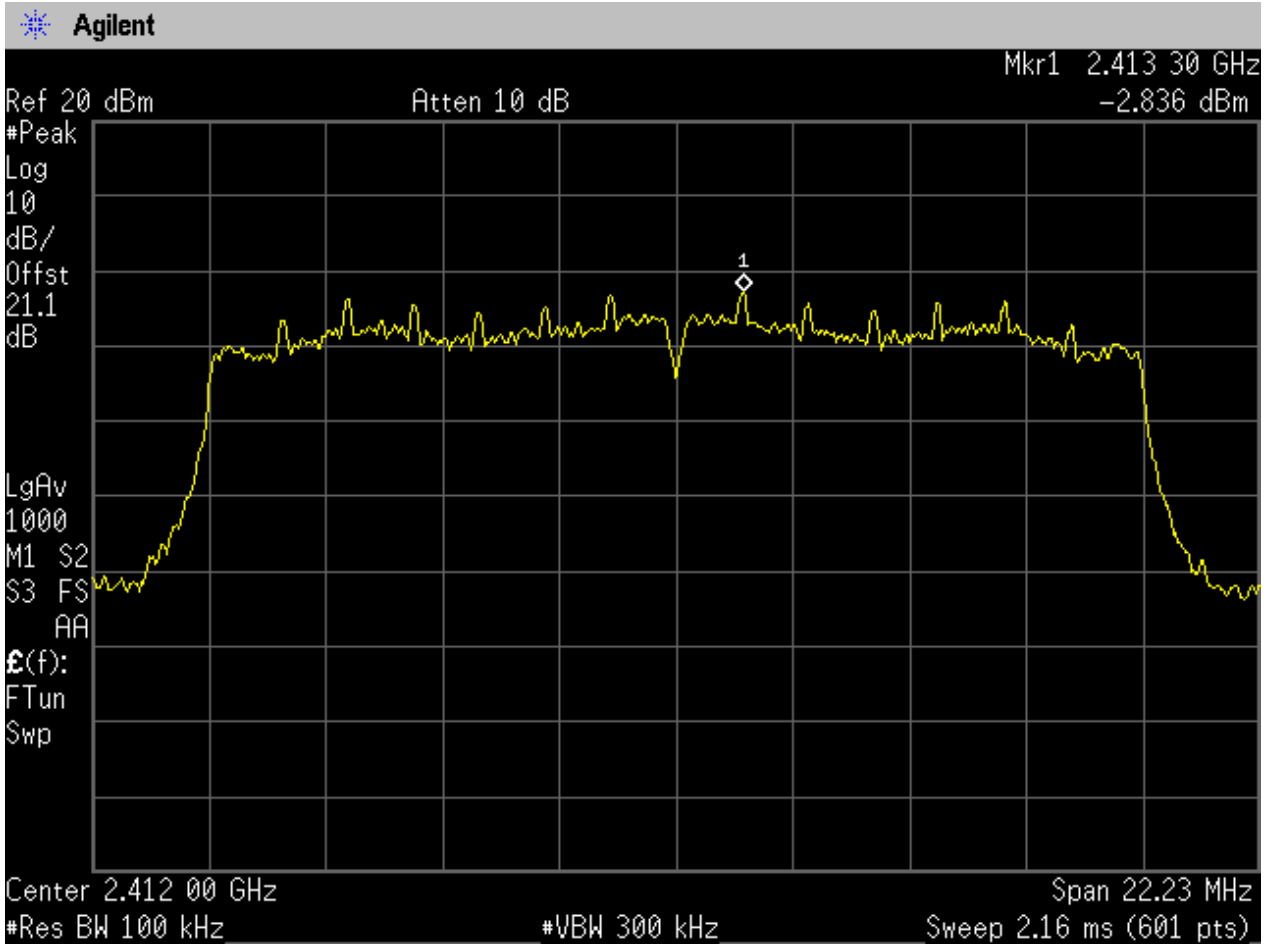




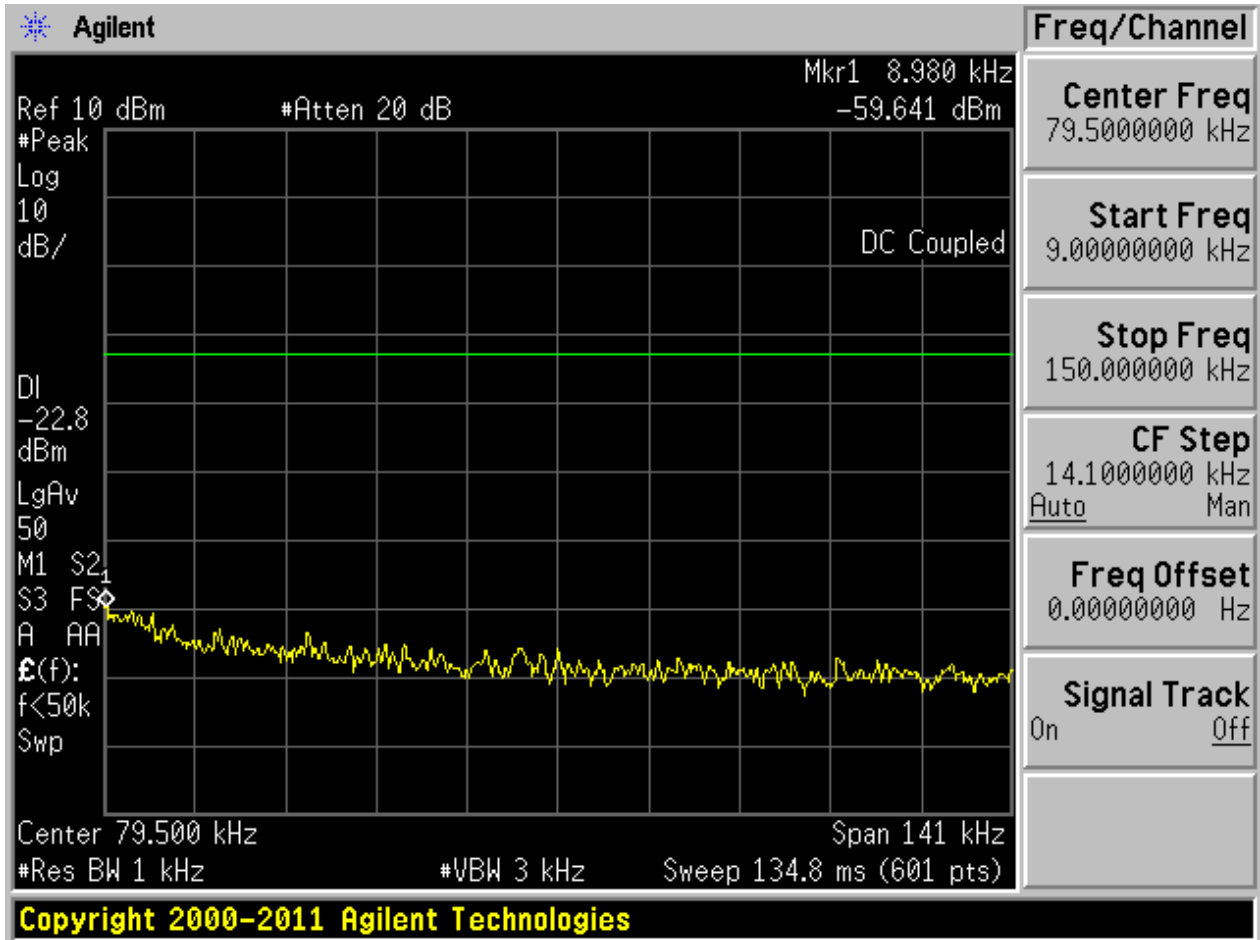
2.2511N20m/8_B@1+2

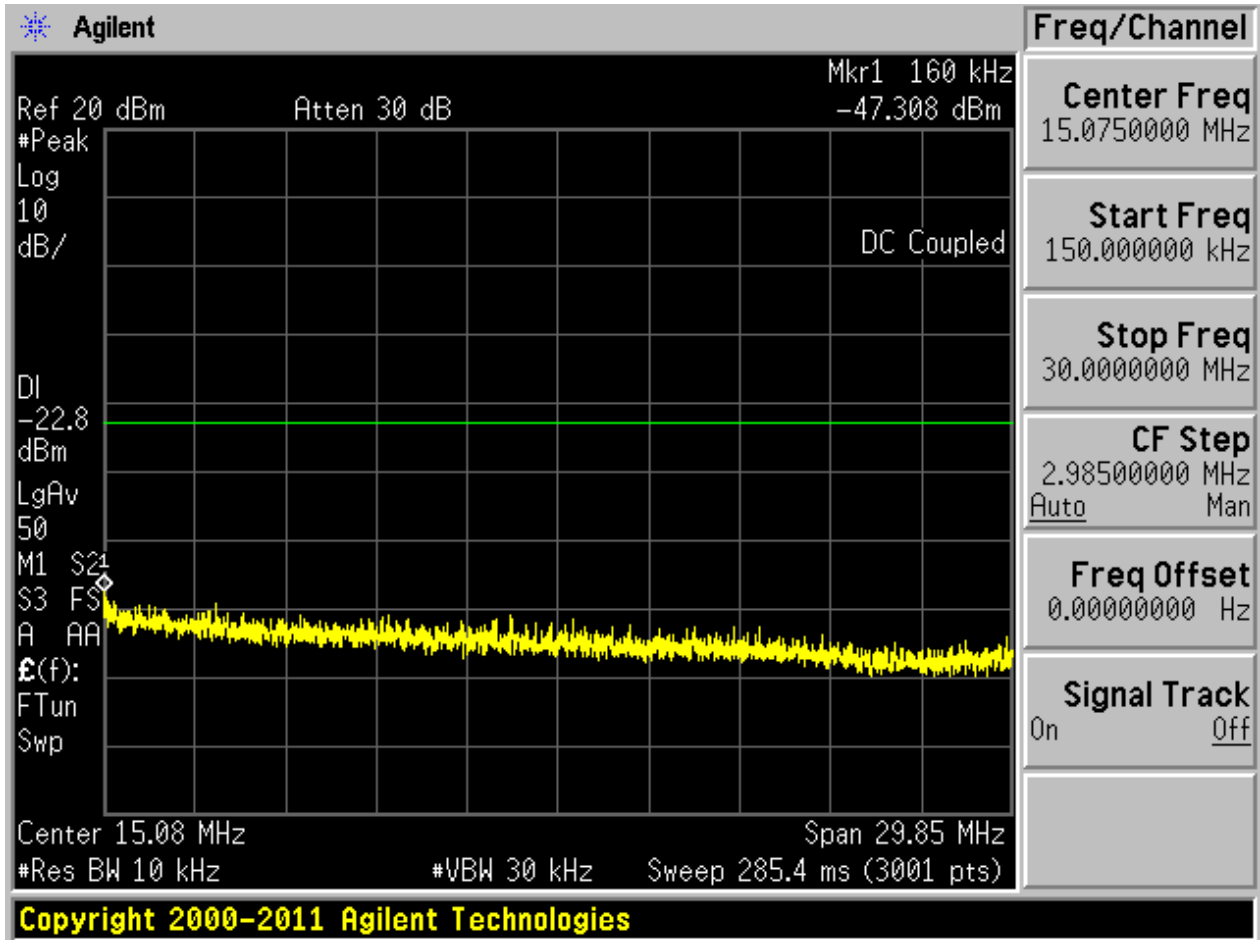
2.25.1 Ant 1

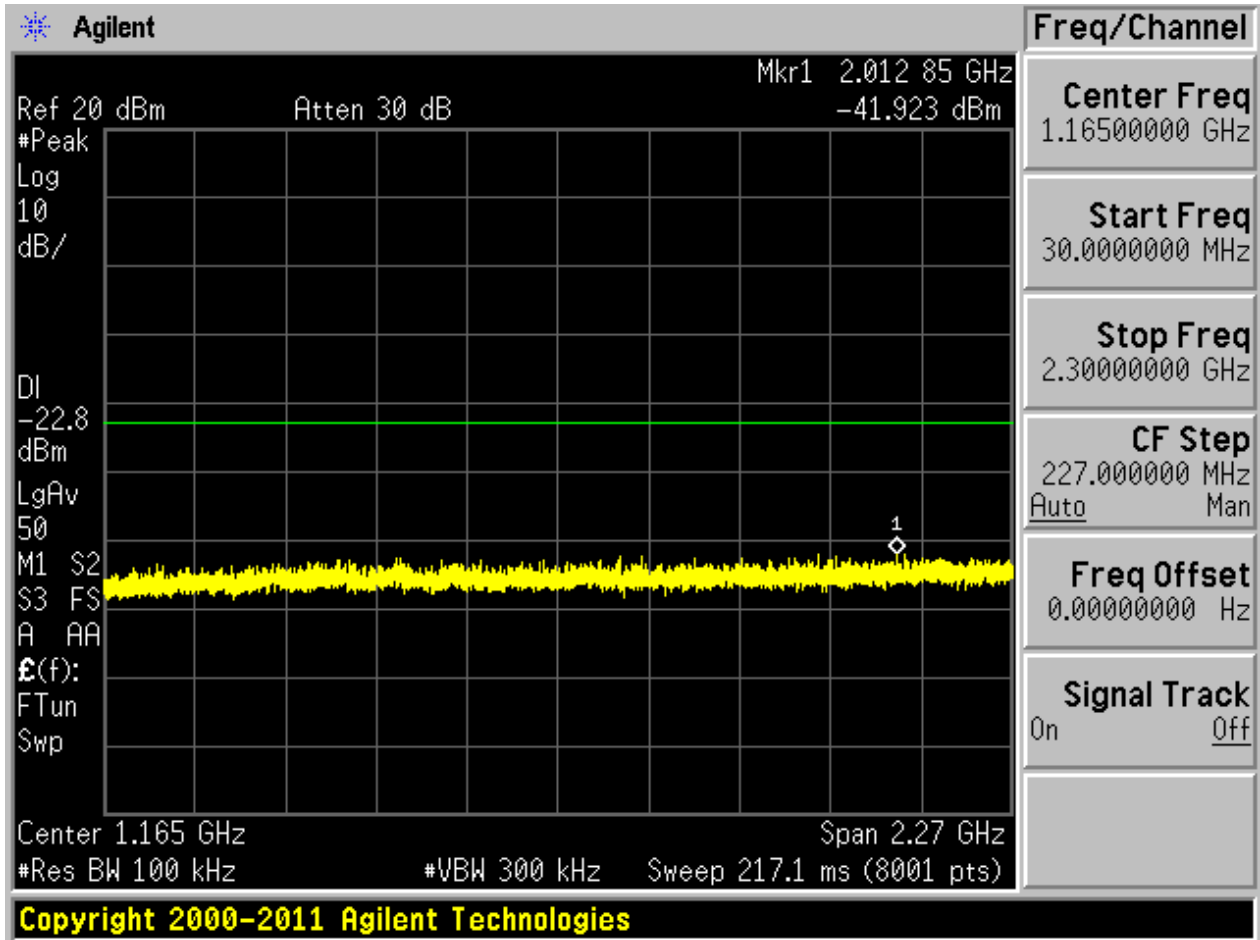
2.25.1.1 Pref

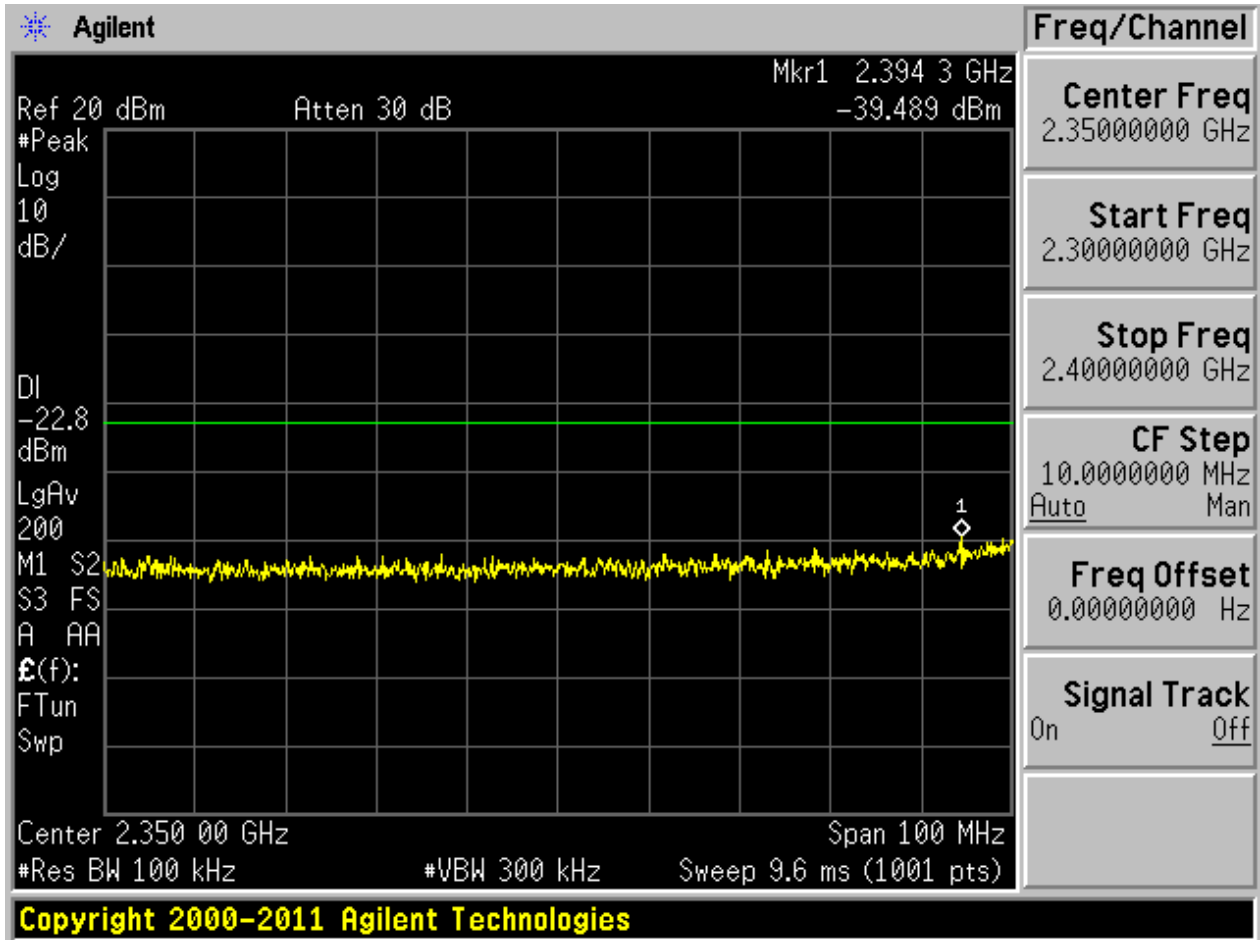


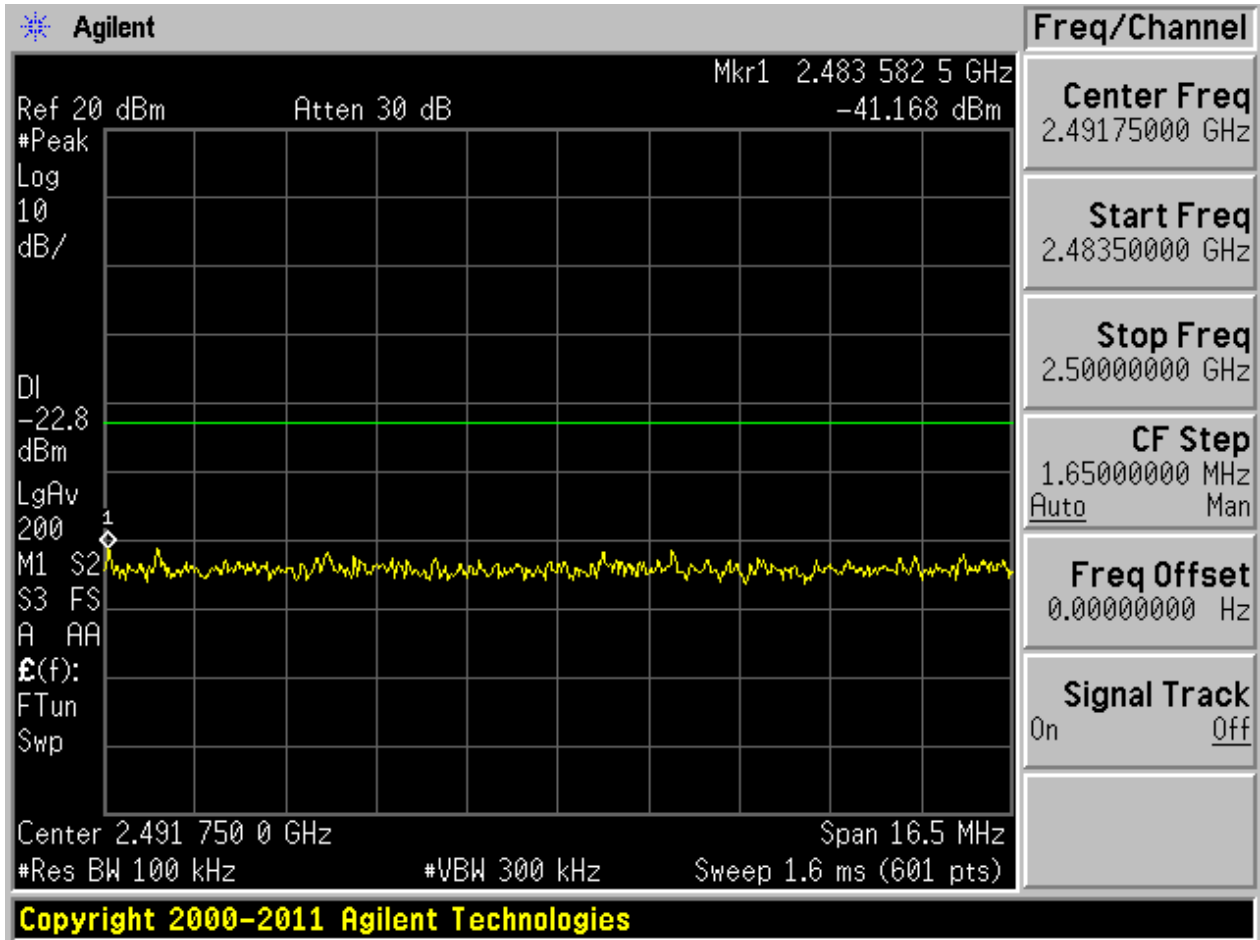
2.25.1.2 P_{uw}

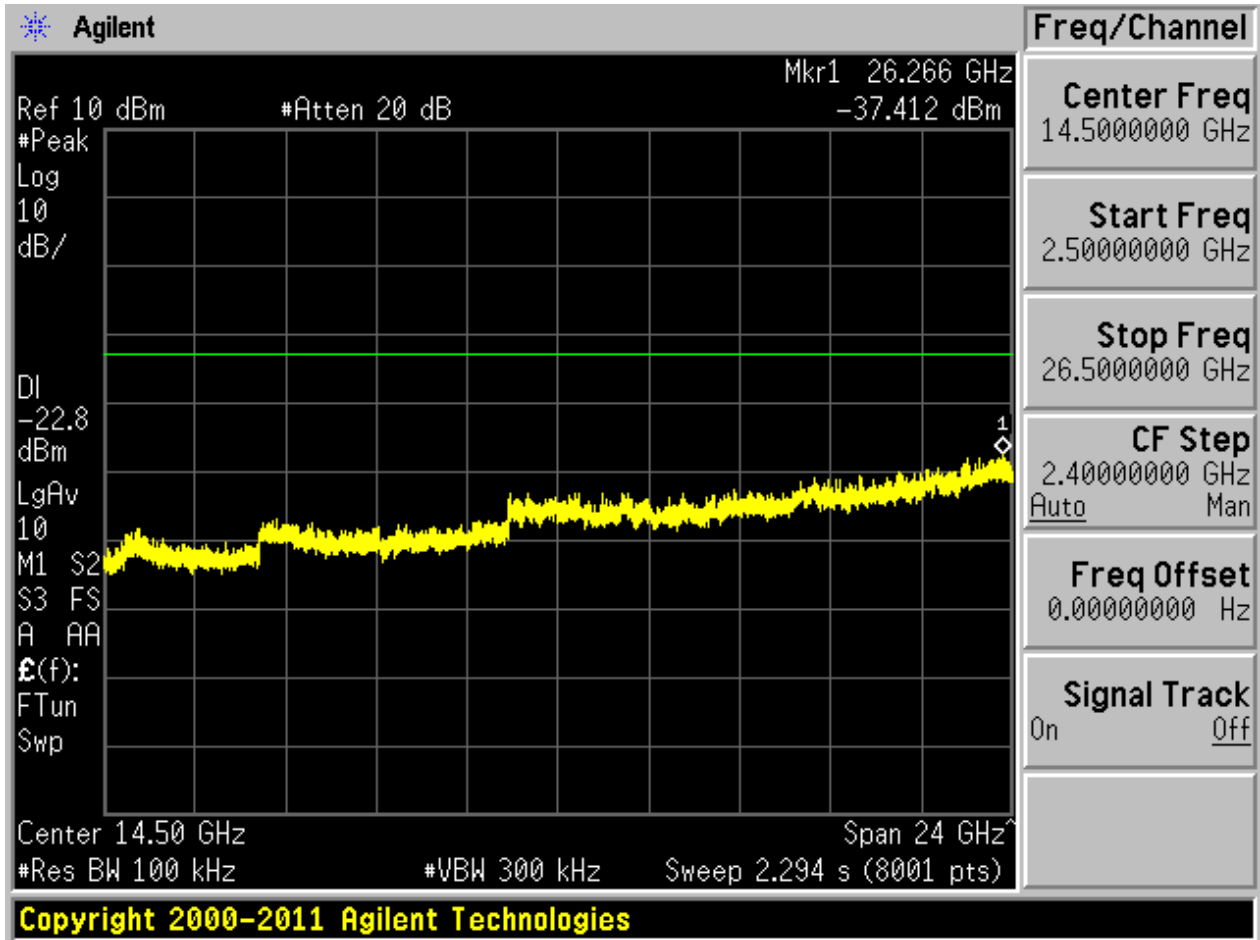






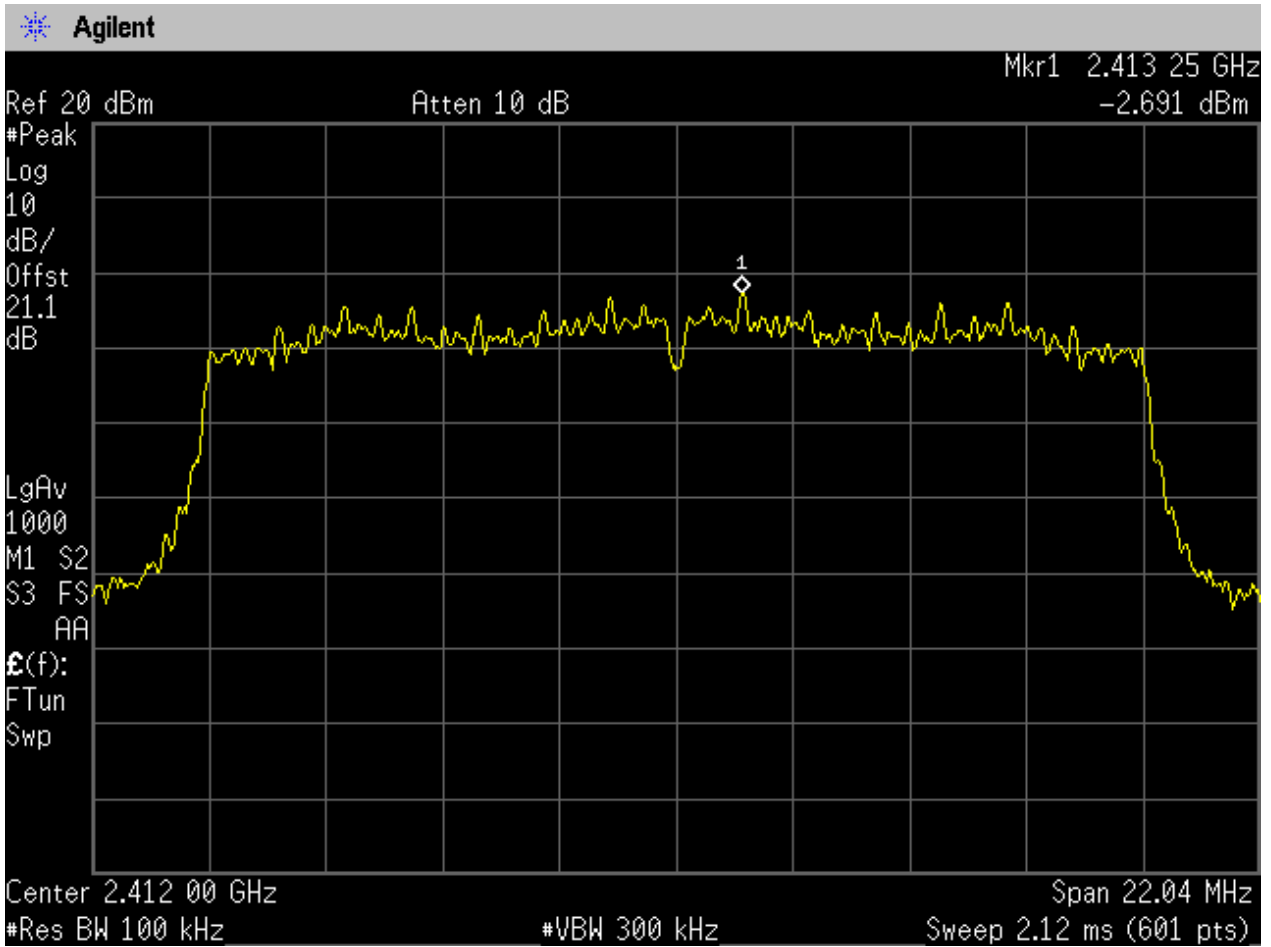




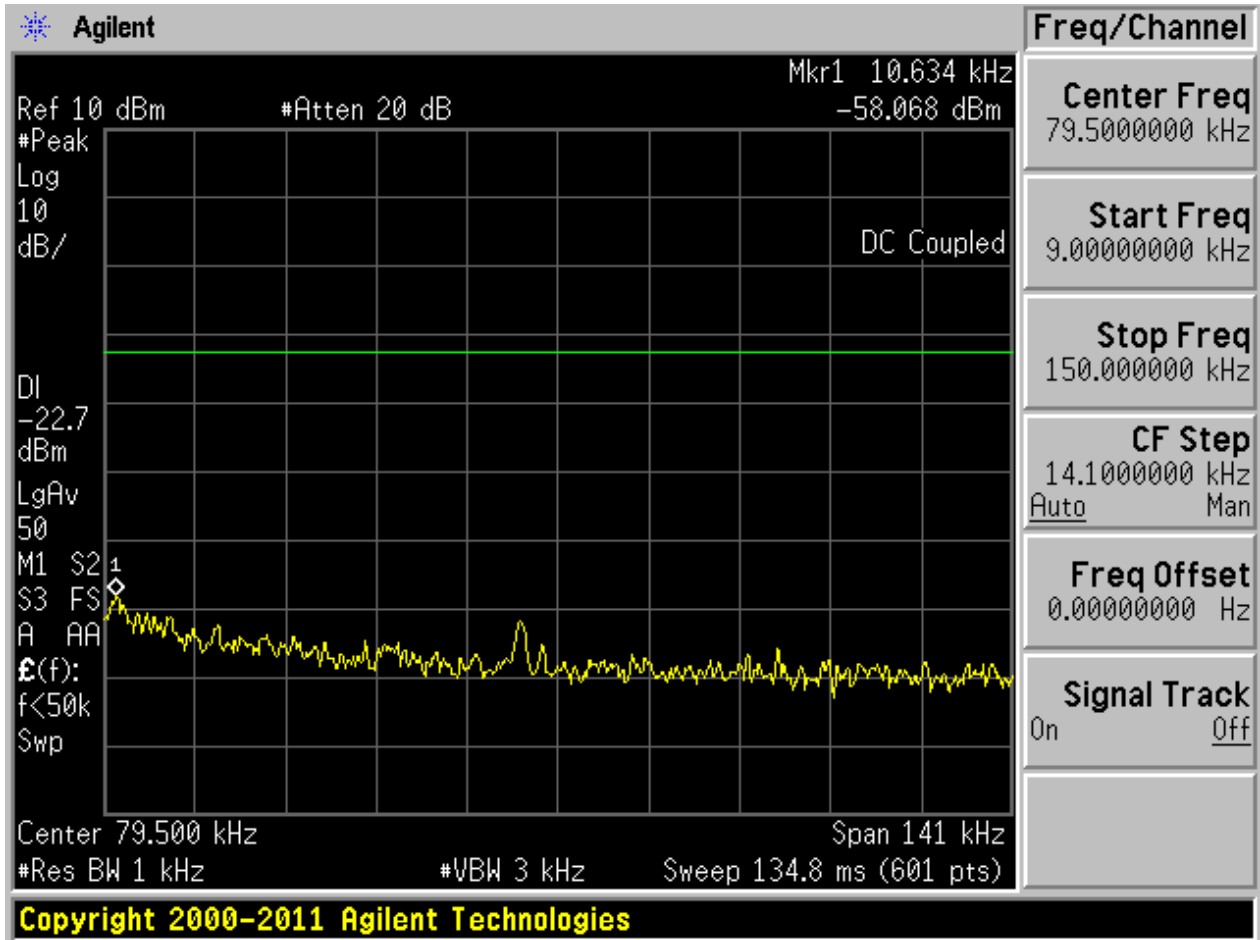


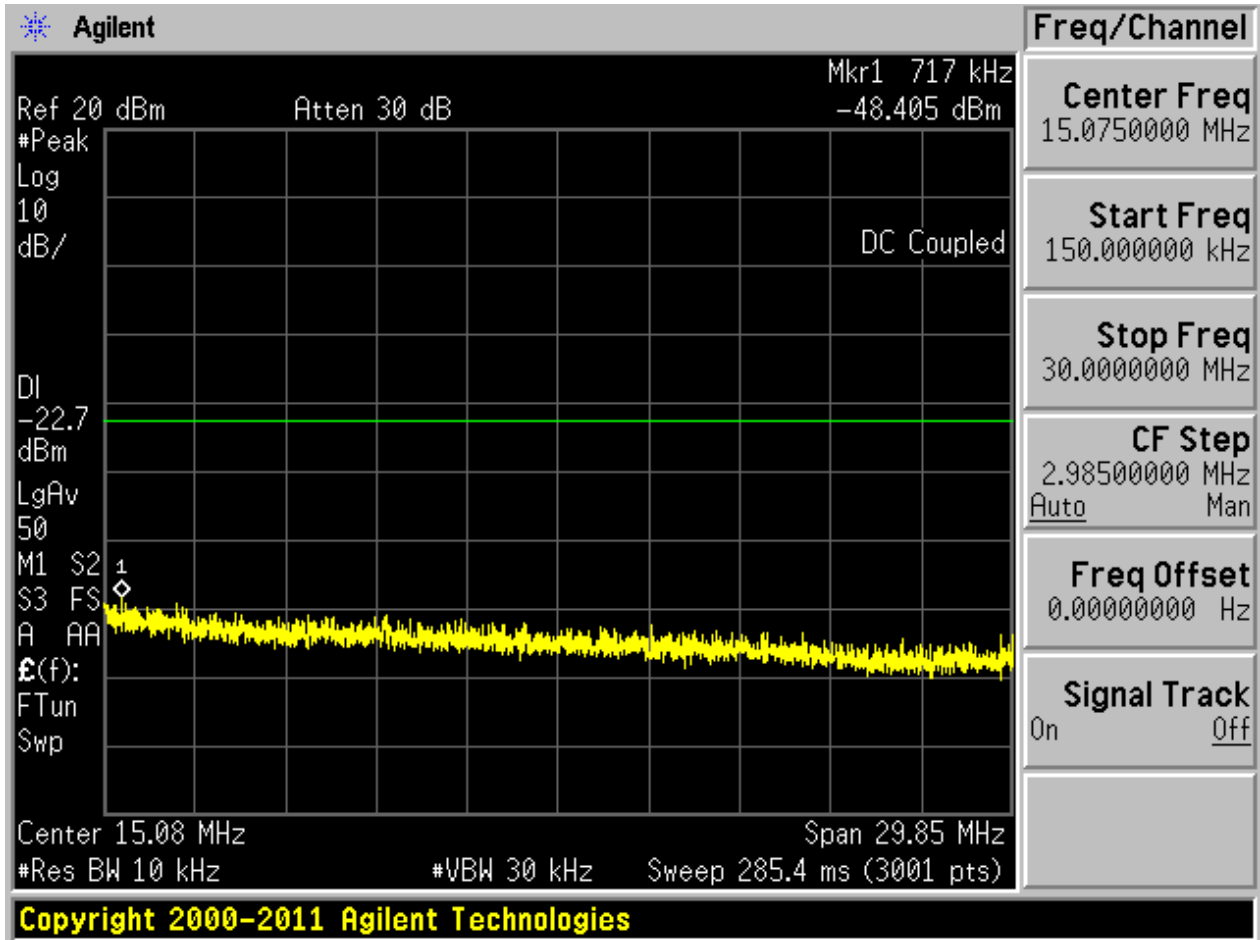
2.25.2 Ant 2

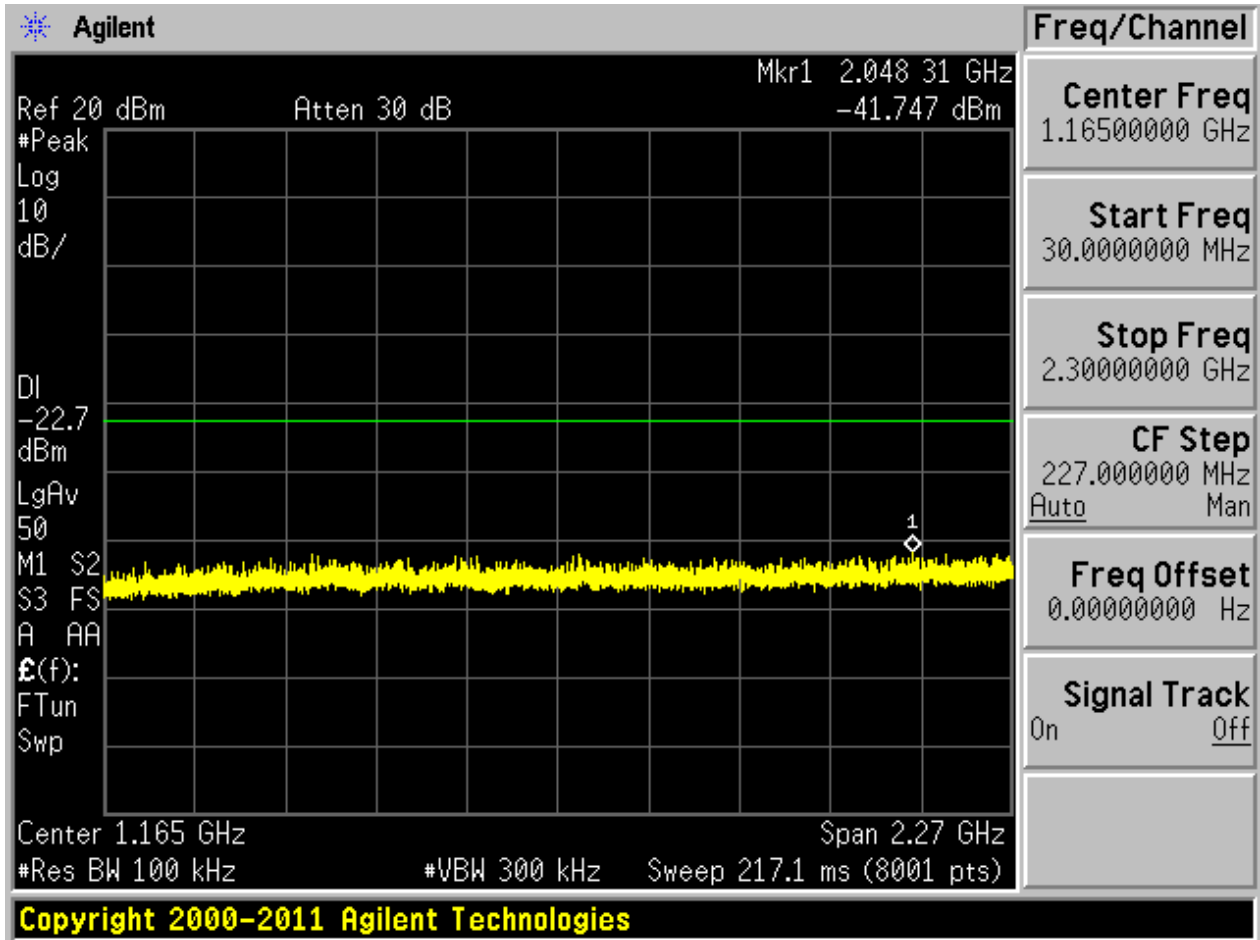
2.25.2.1 Pref

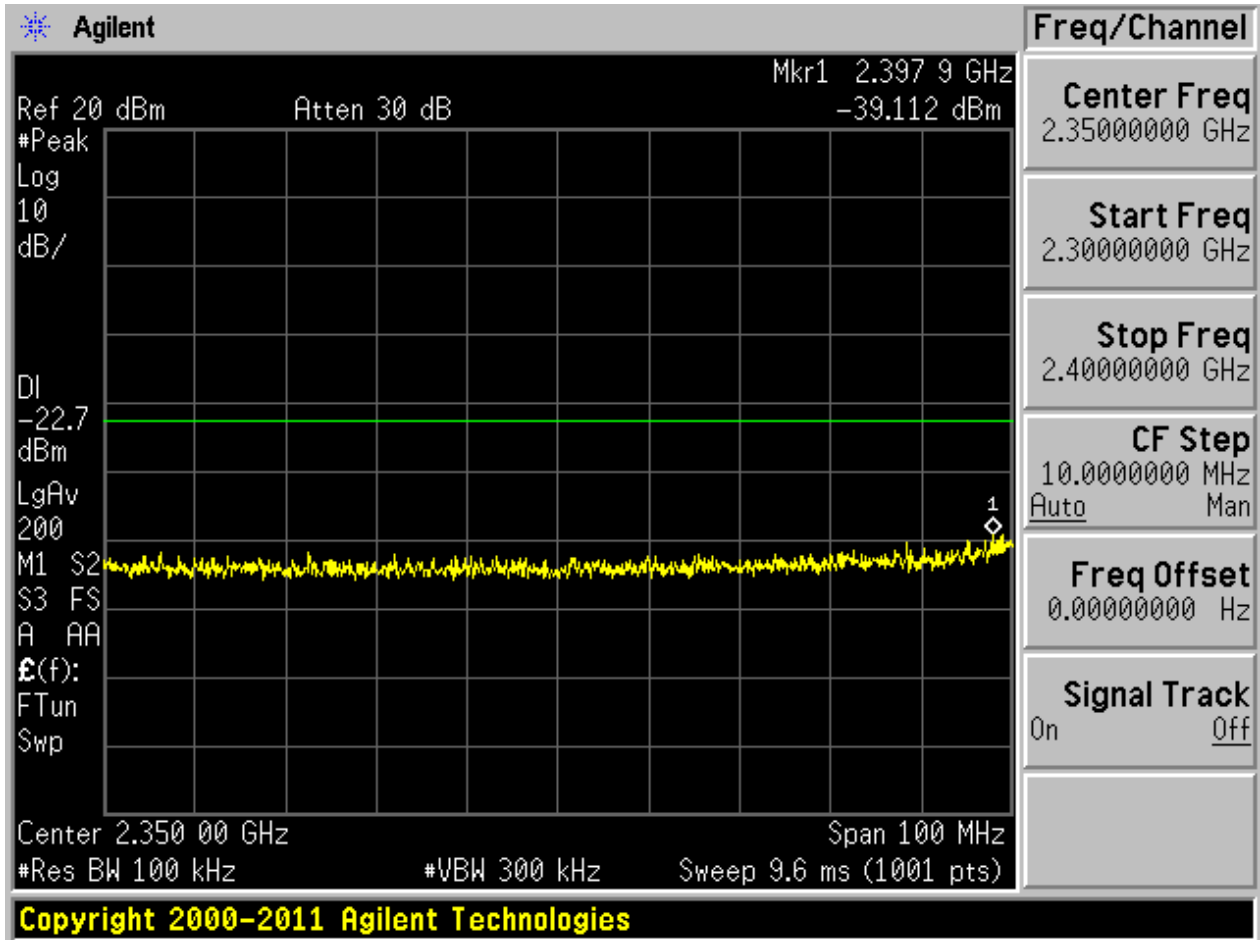


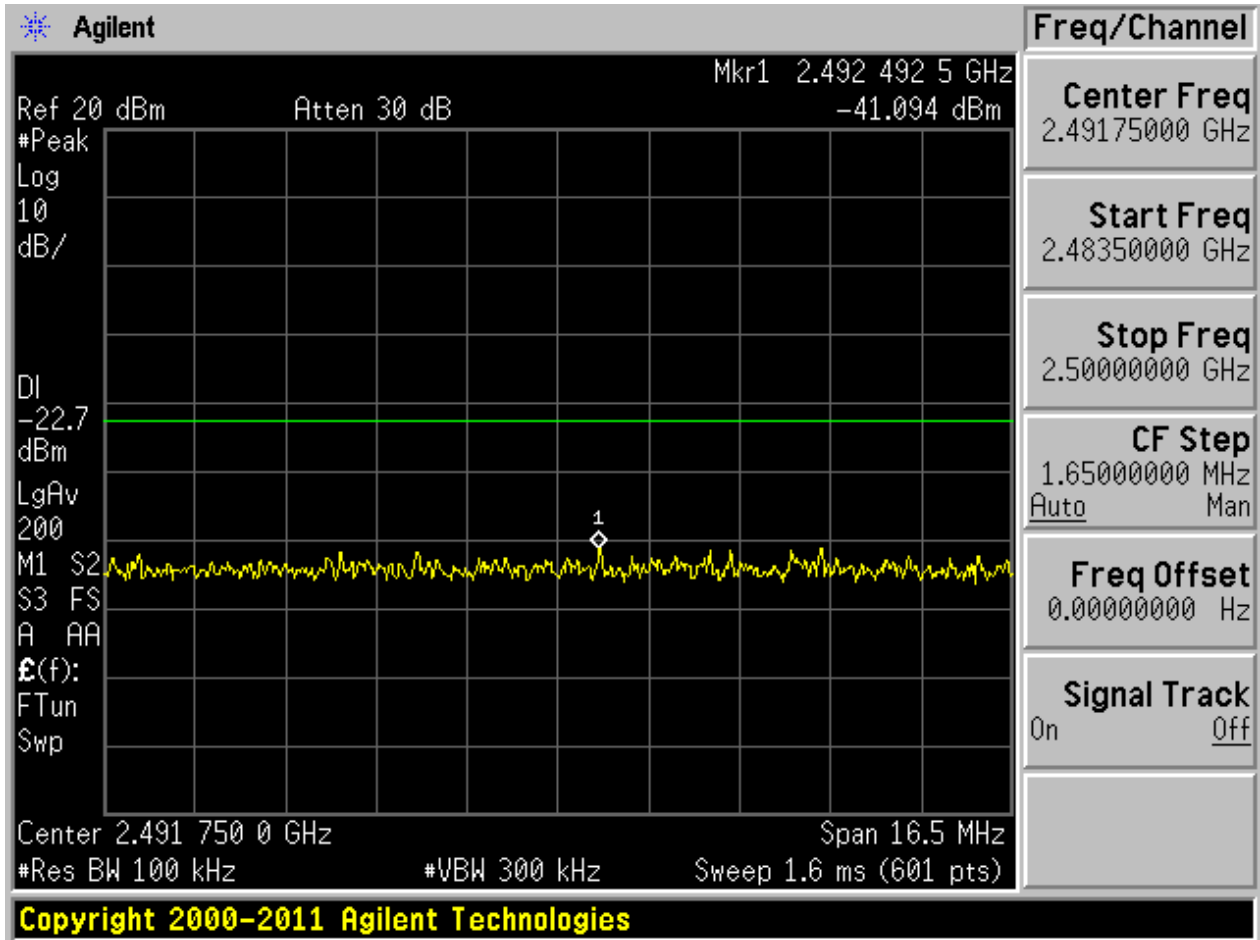
2.25.2.2 P_{uw}

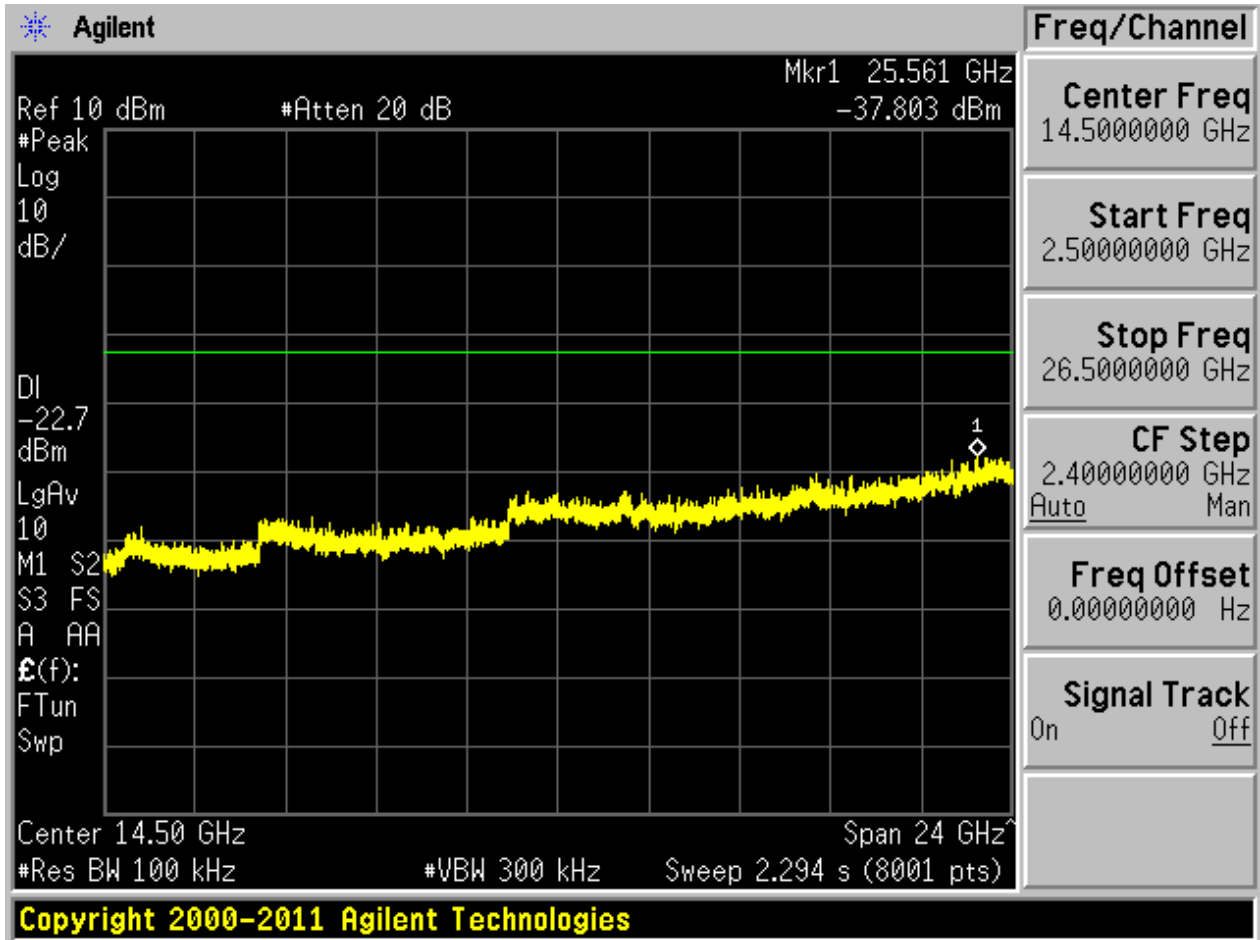








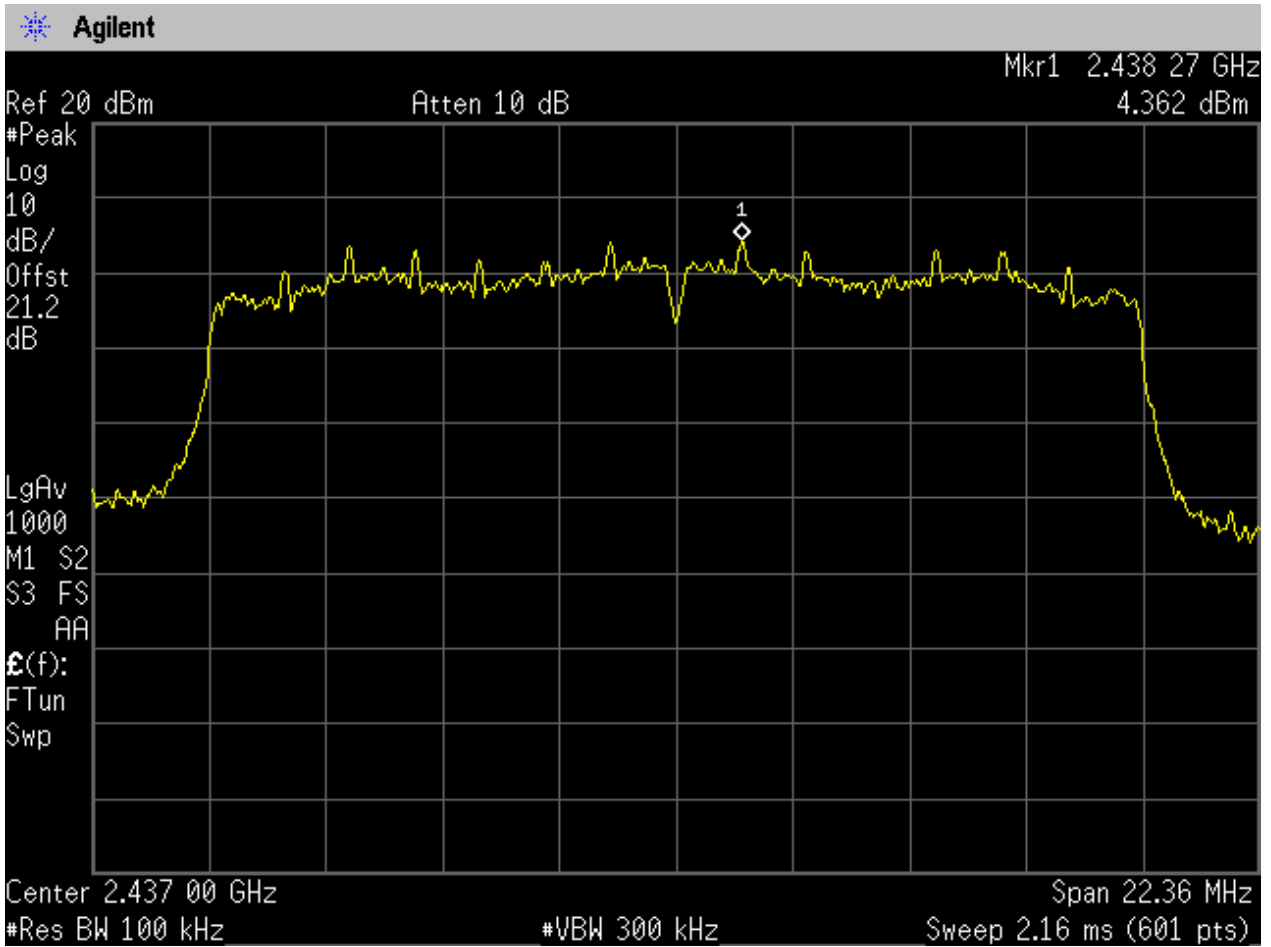




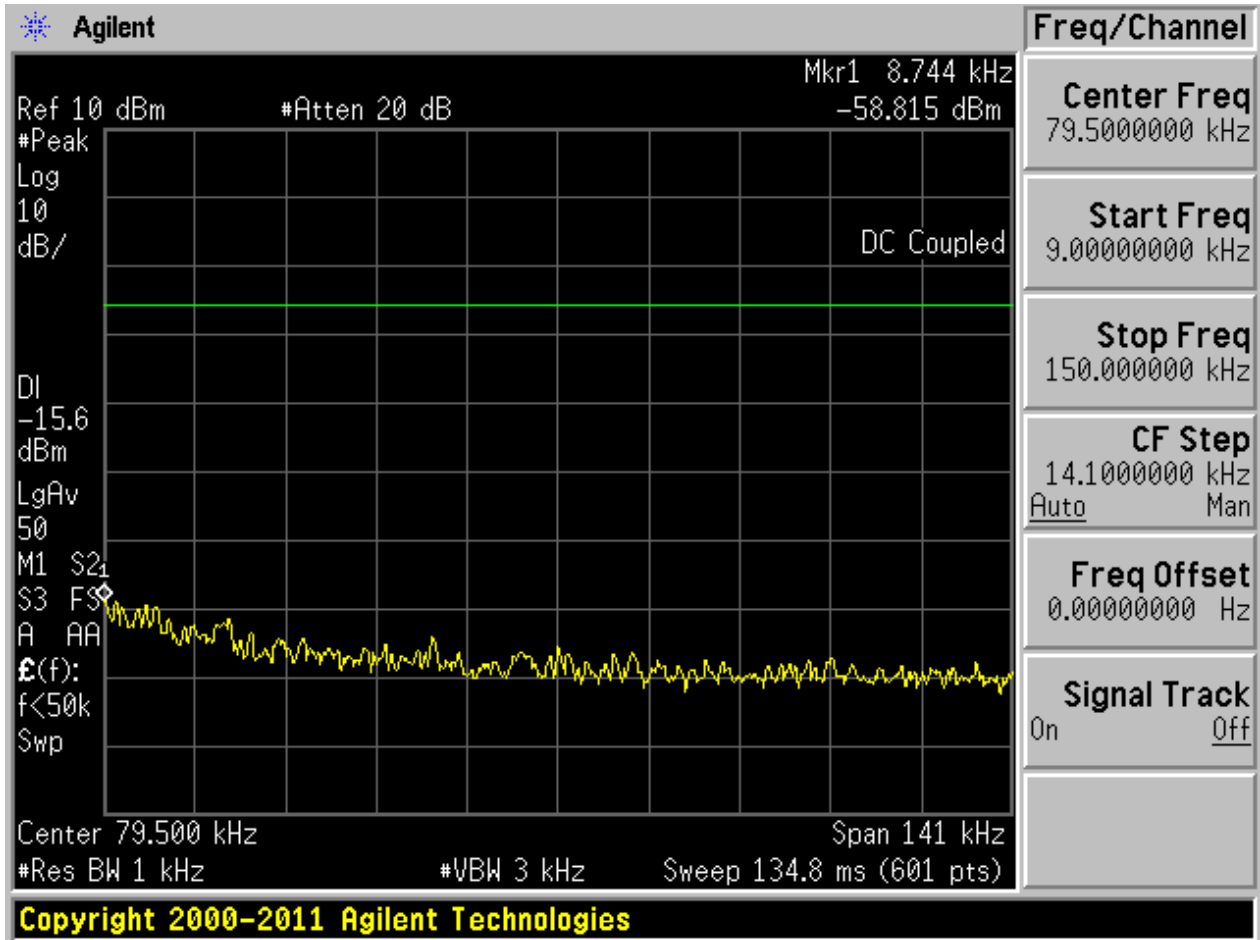
2.2611N20m/8_M@1+2

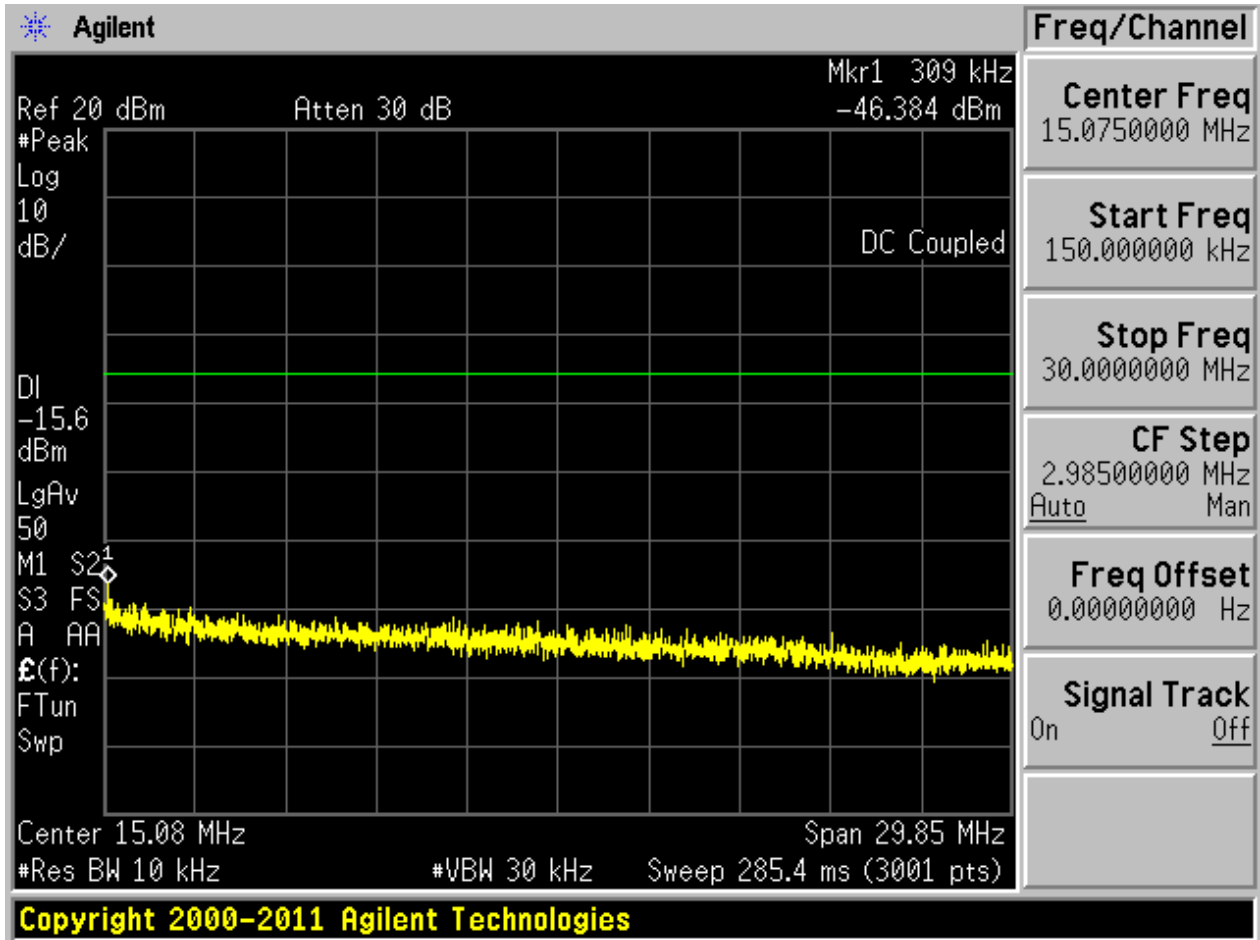
2.26.1 Ant 1

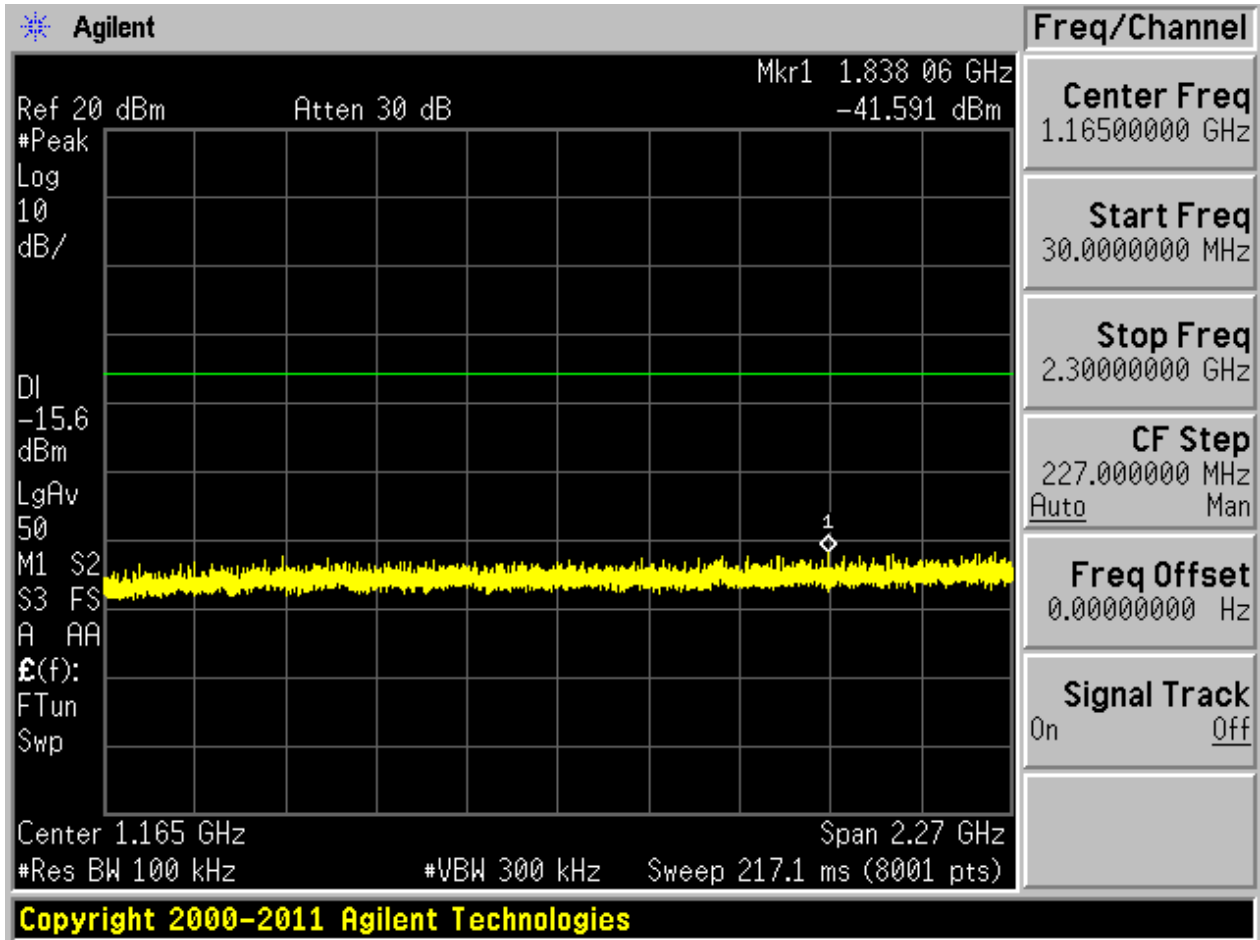
2.26.1.1 Pref

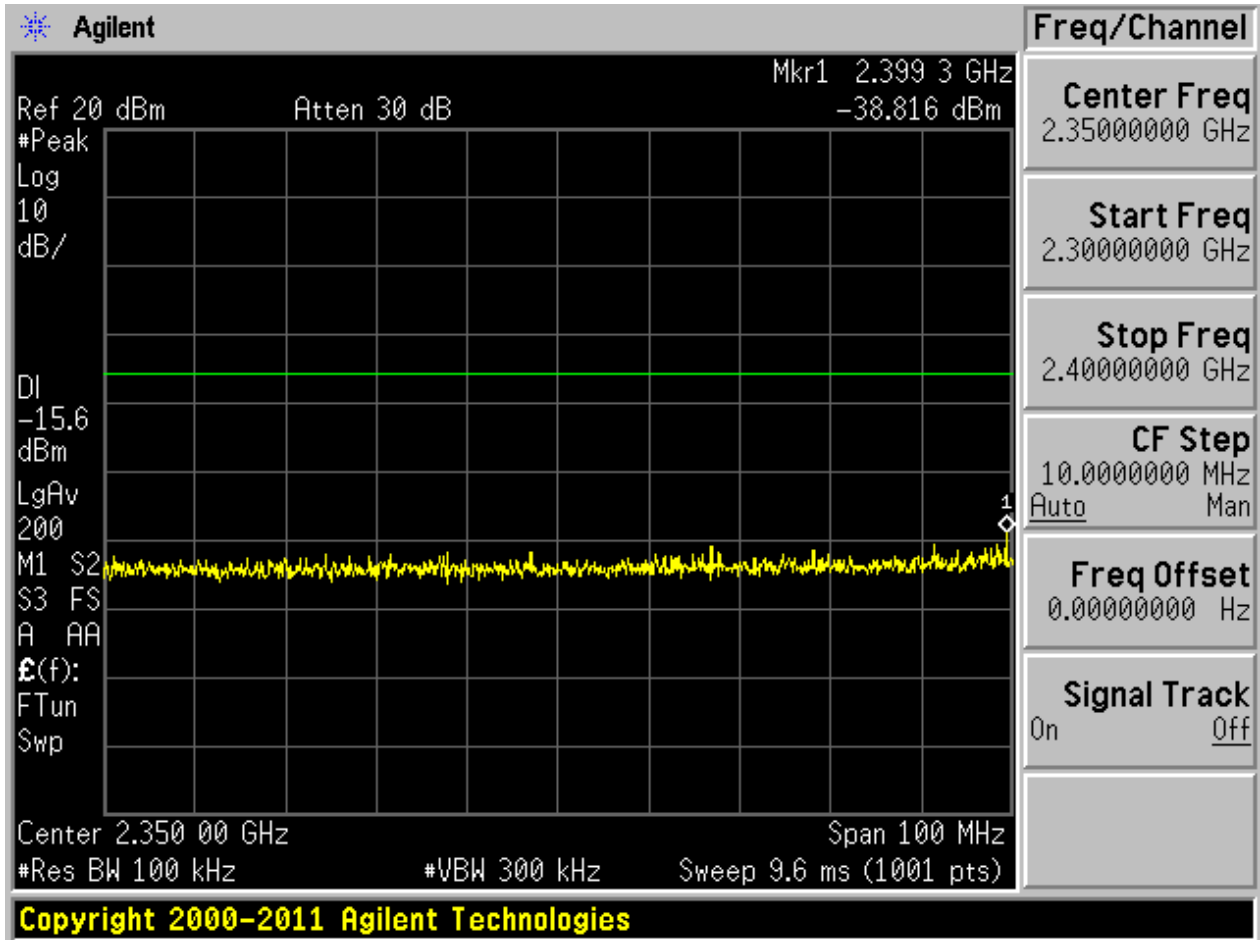


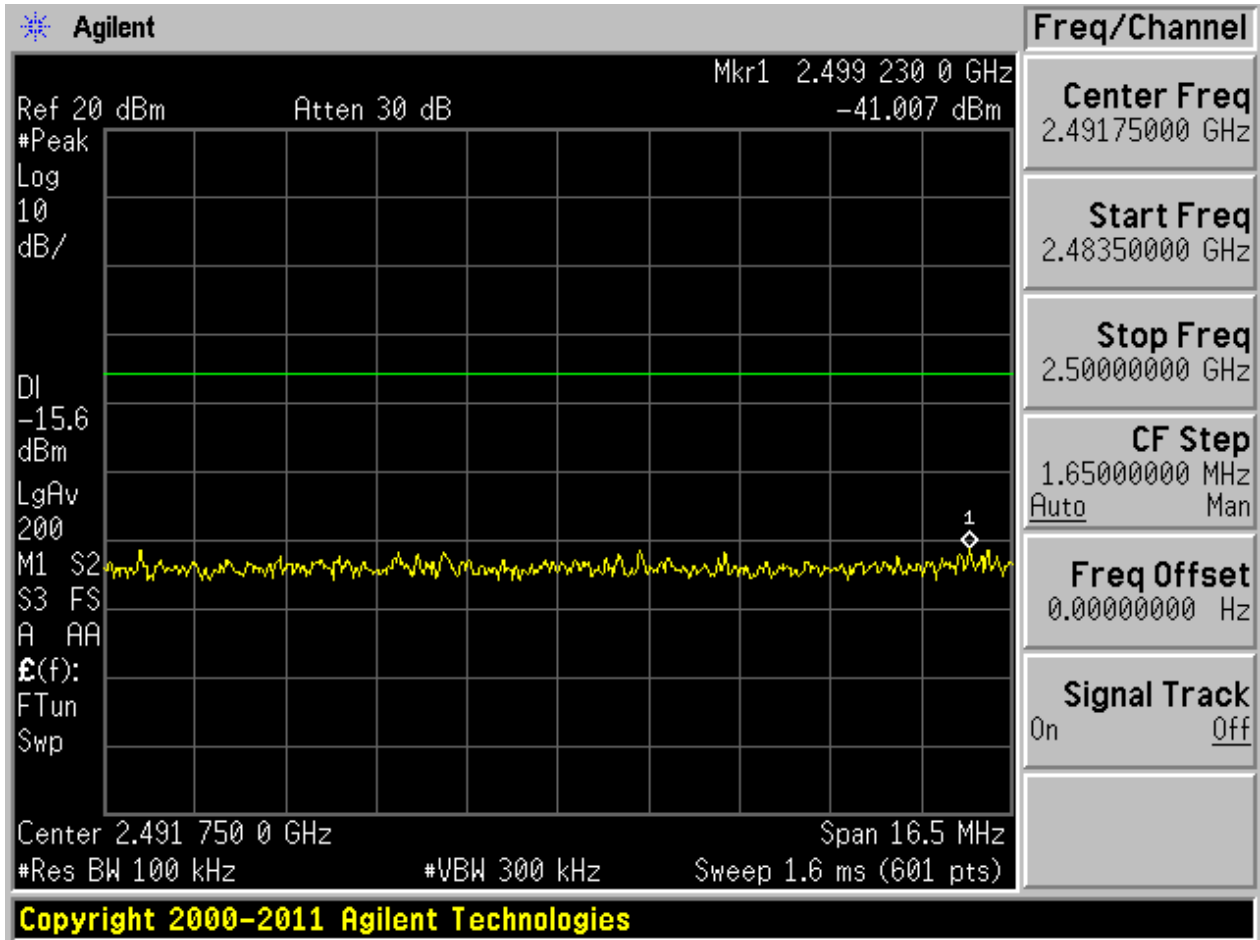
2.26.1.2 P_{uw}

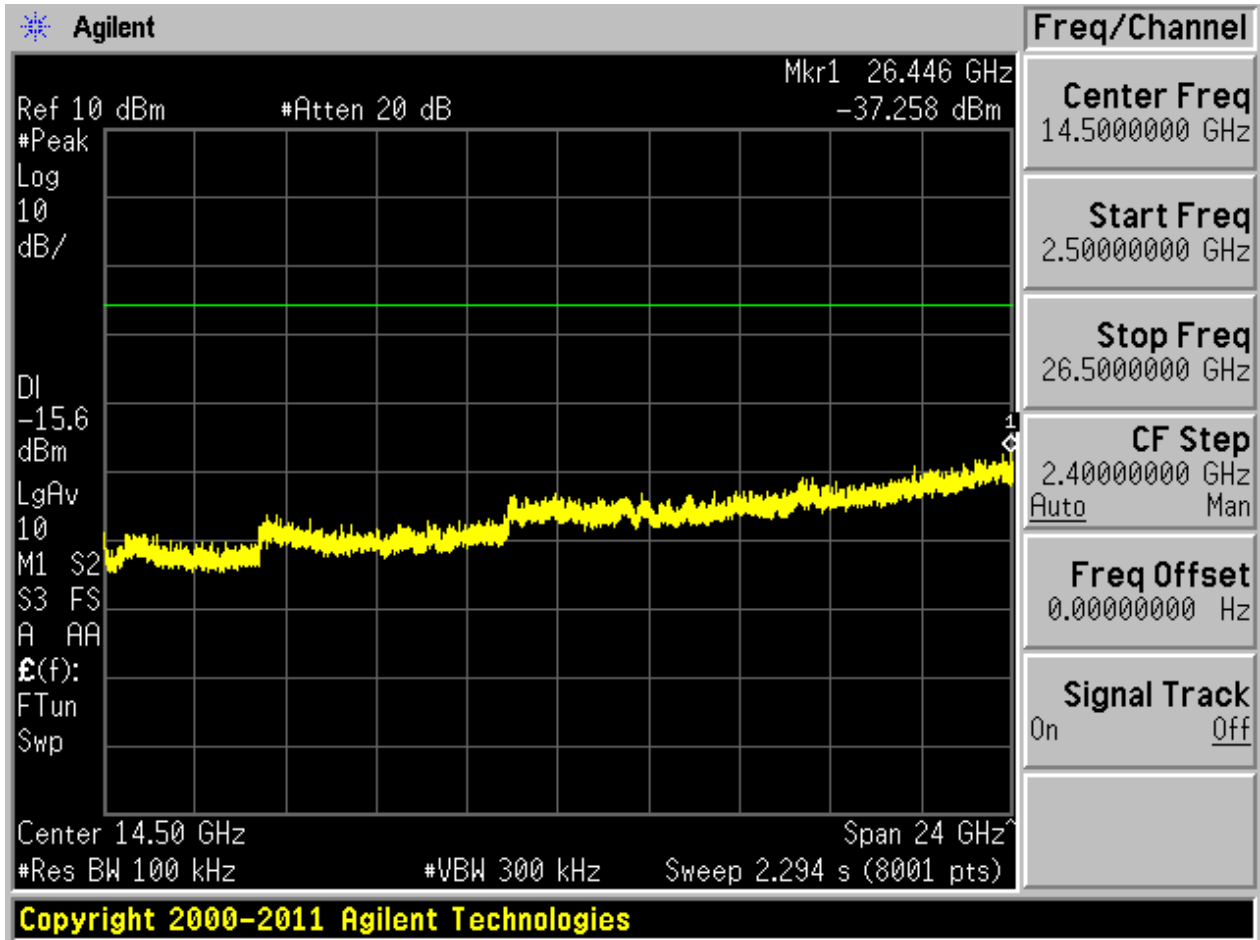






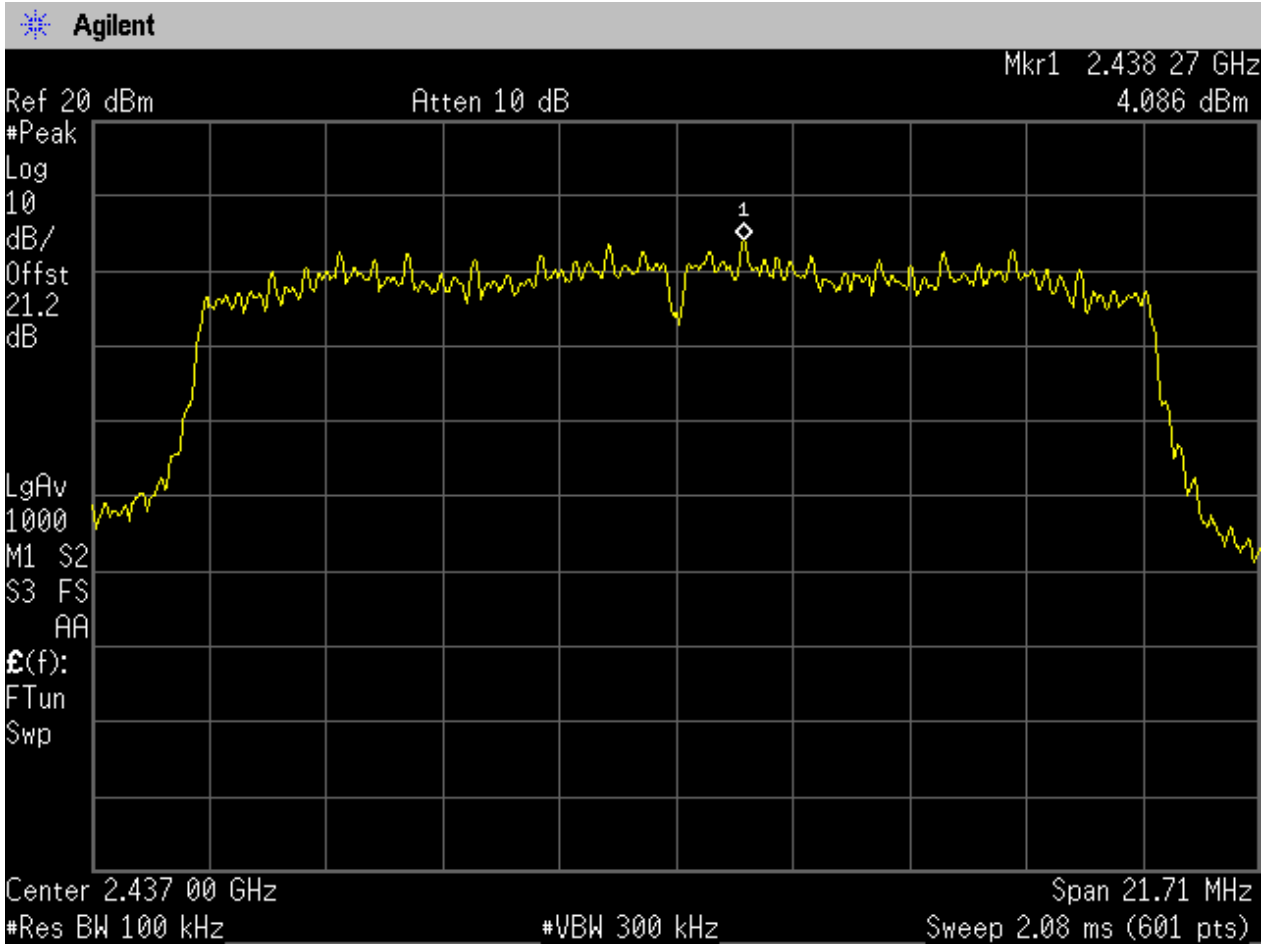




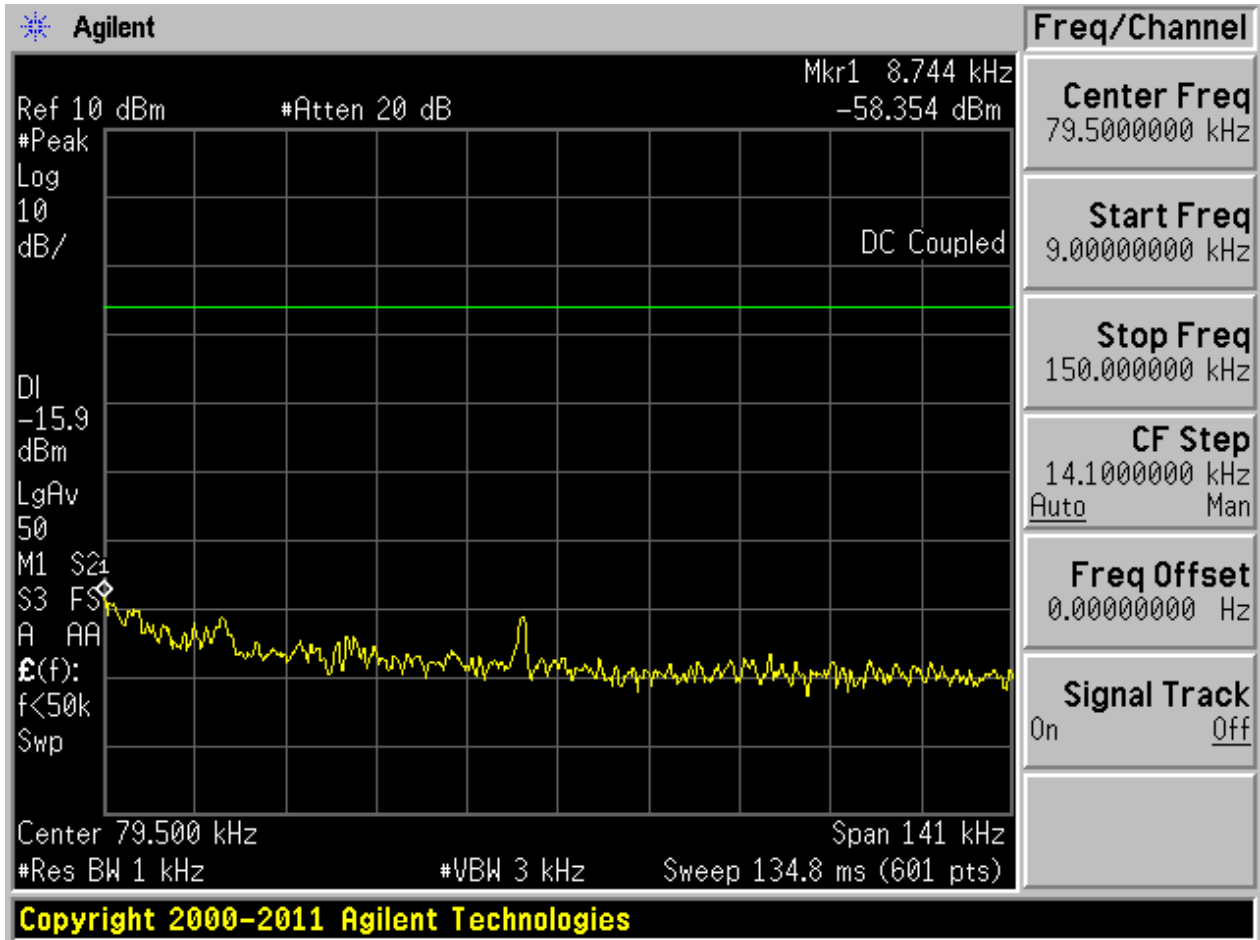


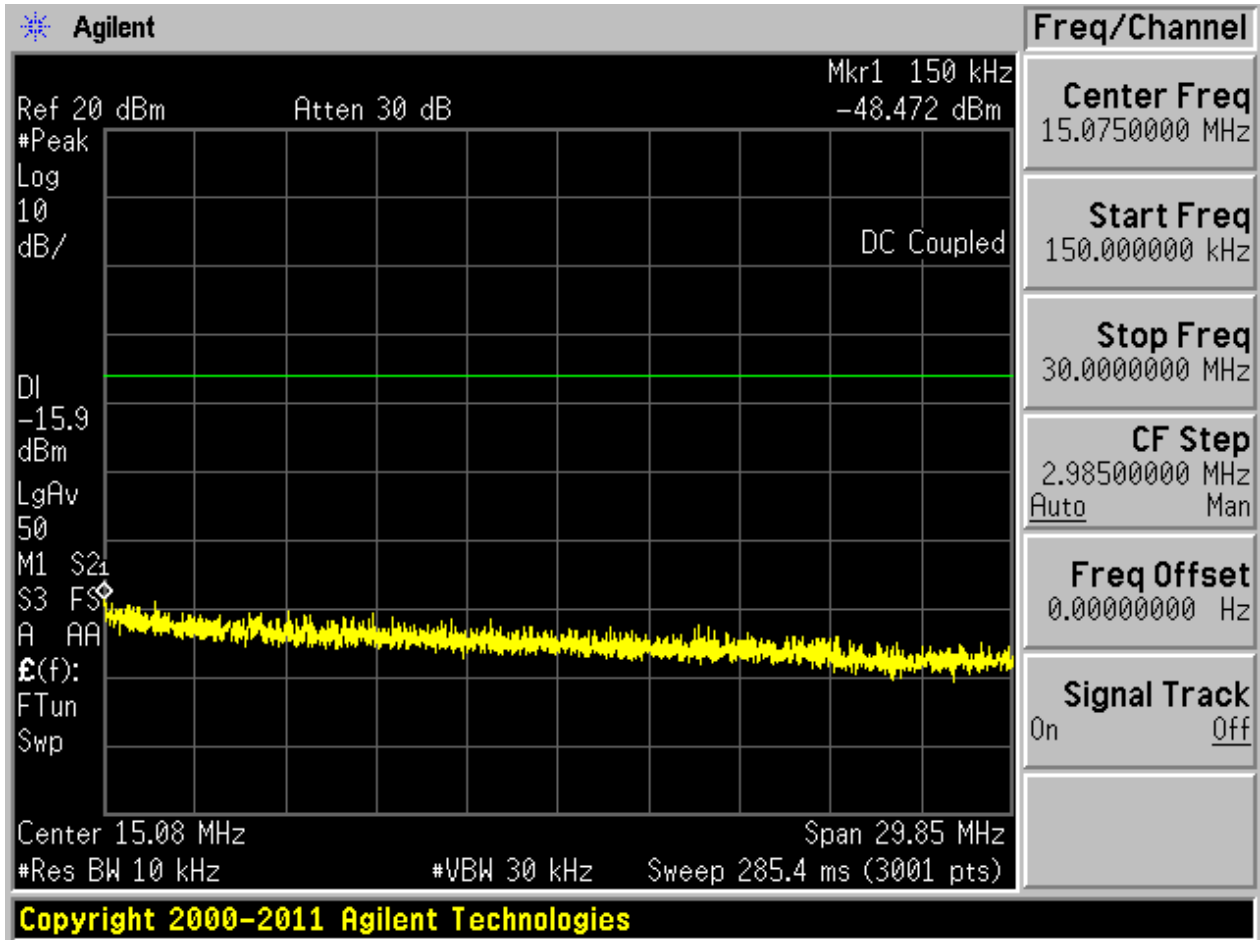
2.26.2 Ant 2

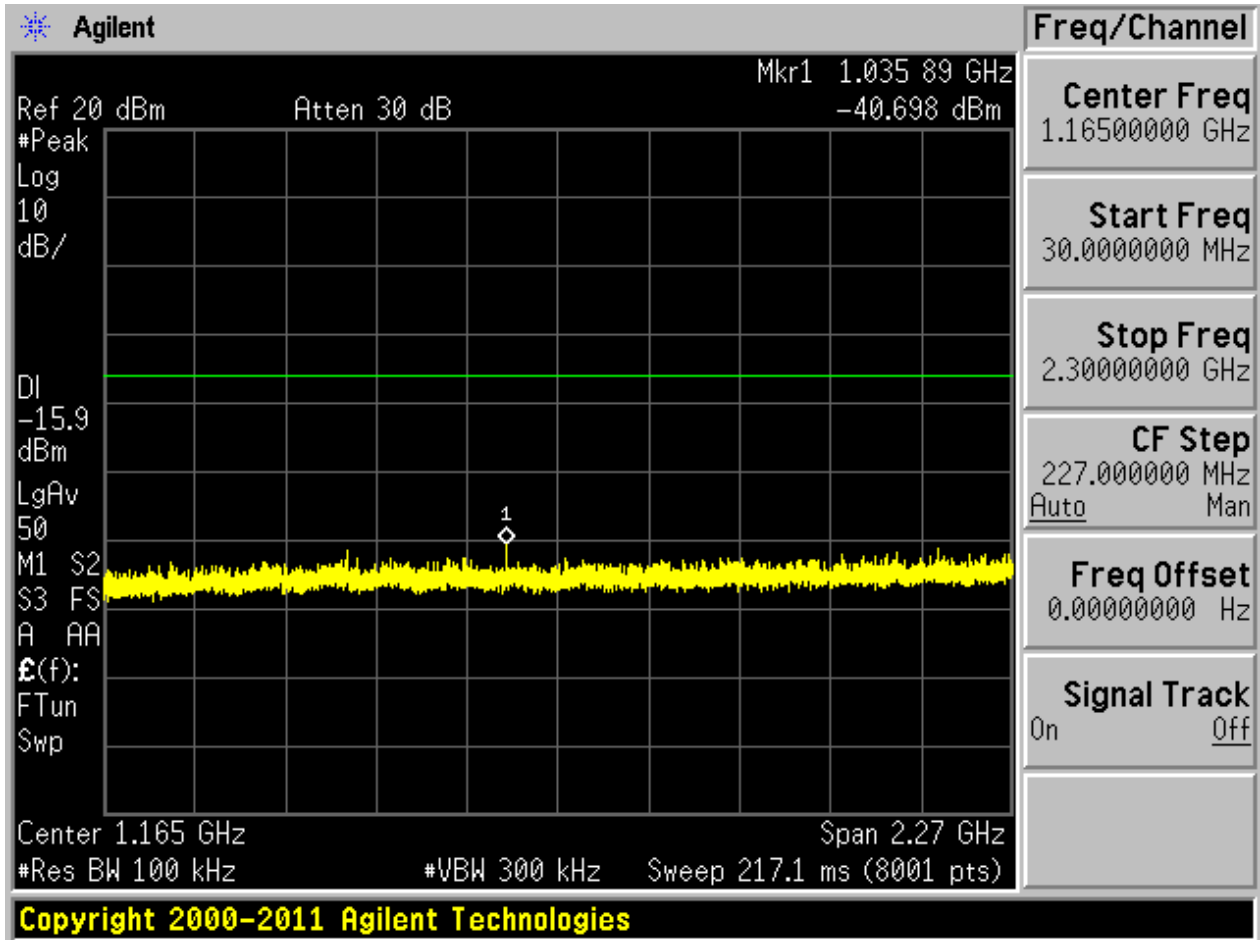
2.26.2.1 Pref

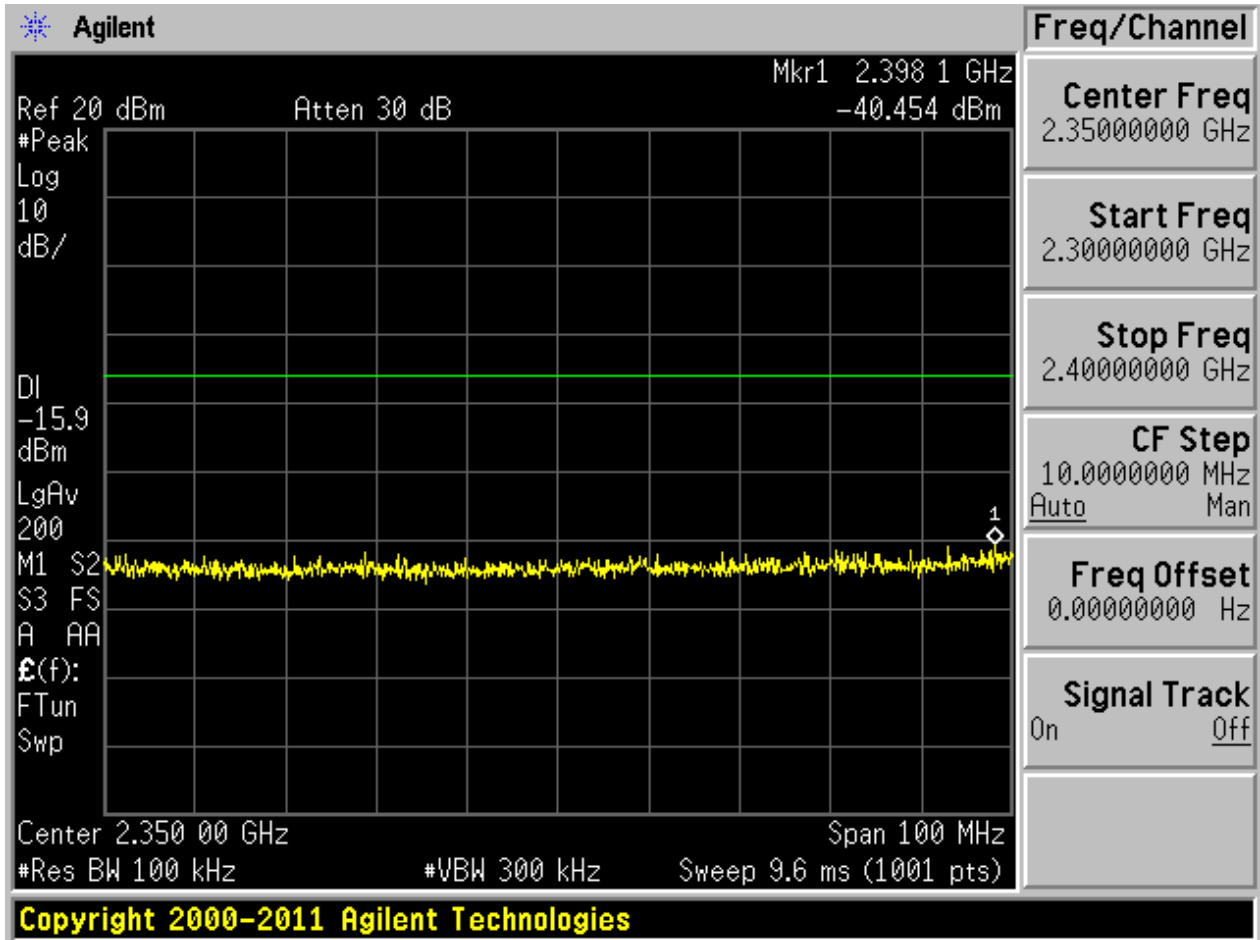


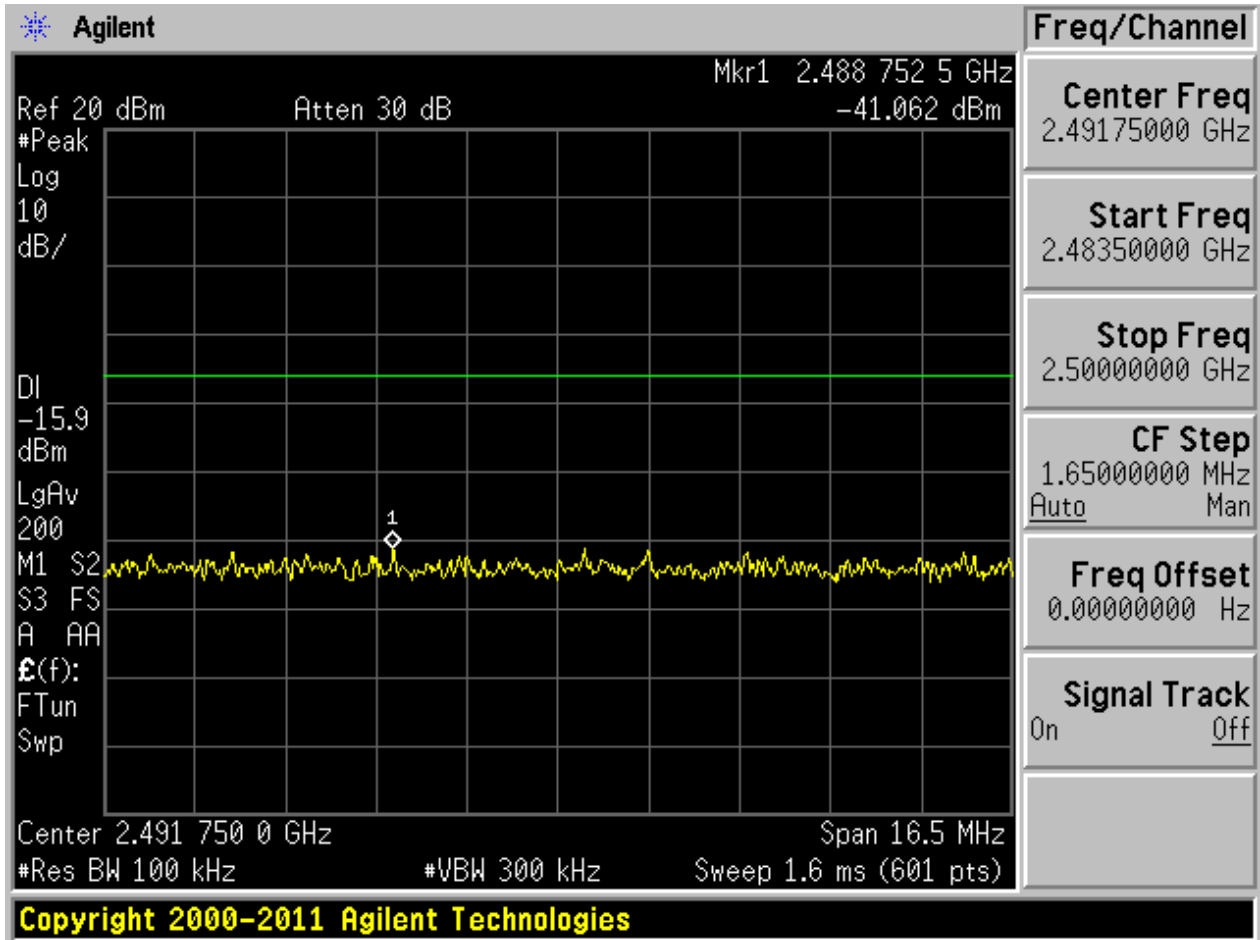
2.26.2.2 P_{uw}

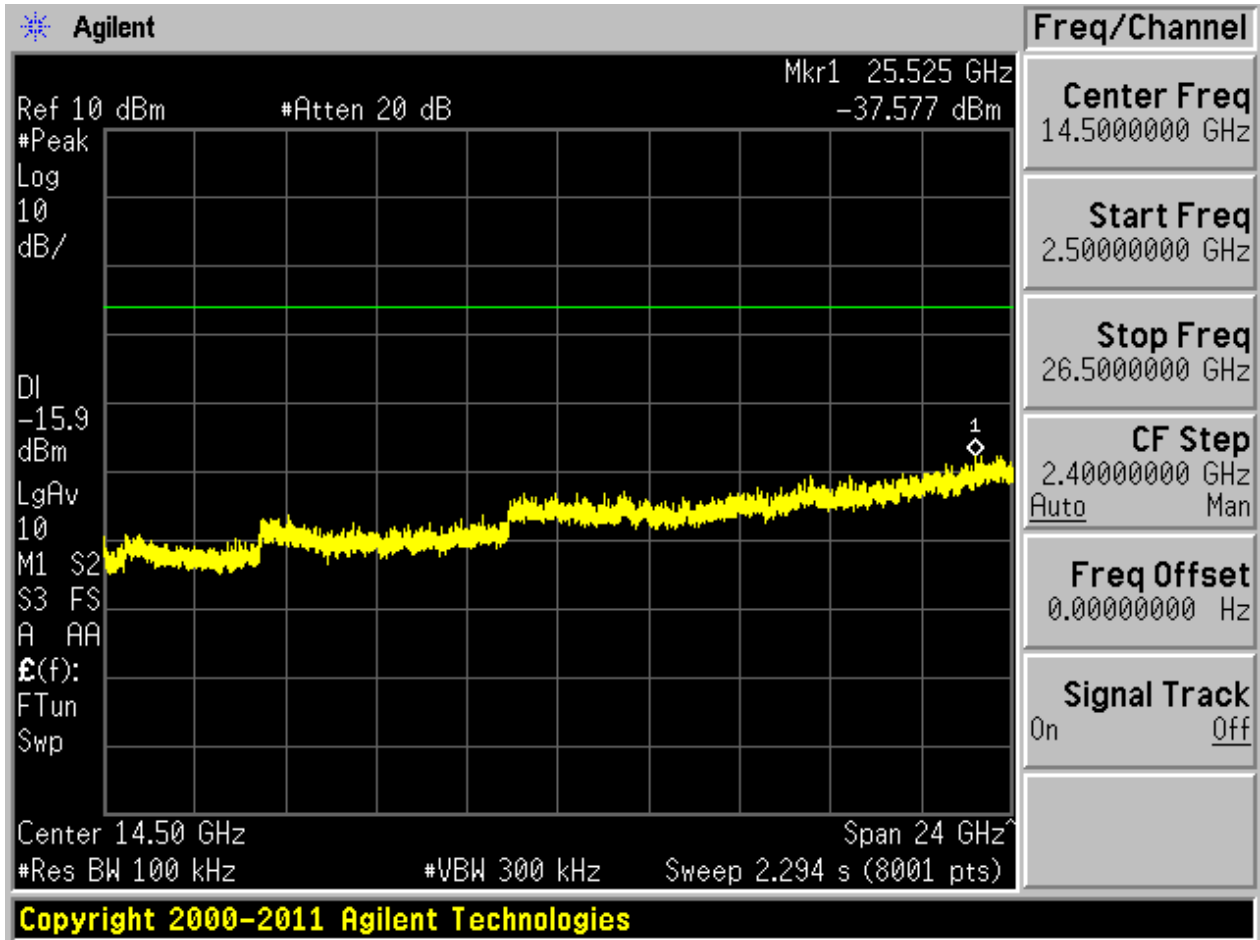








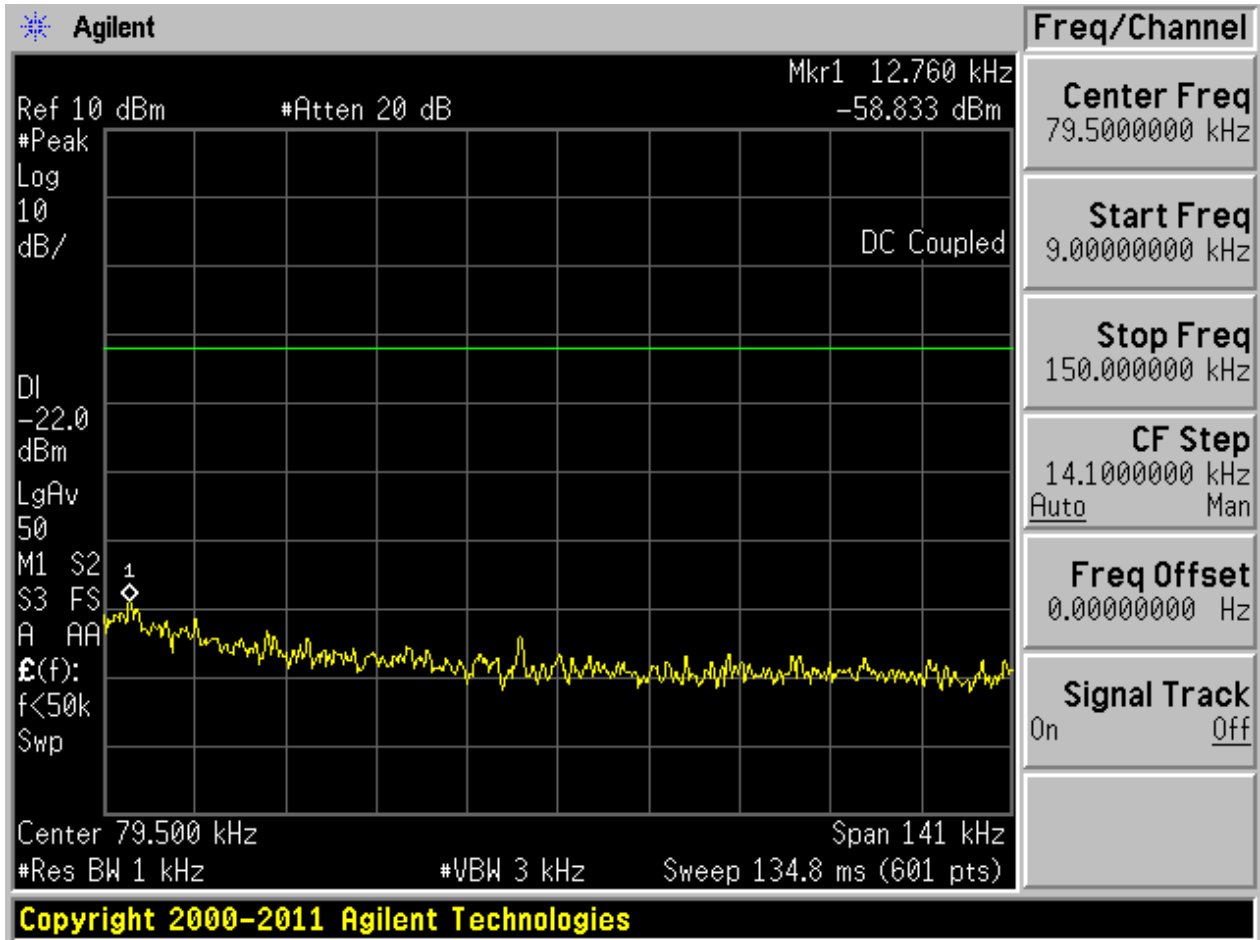


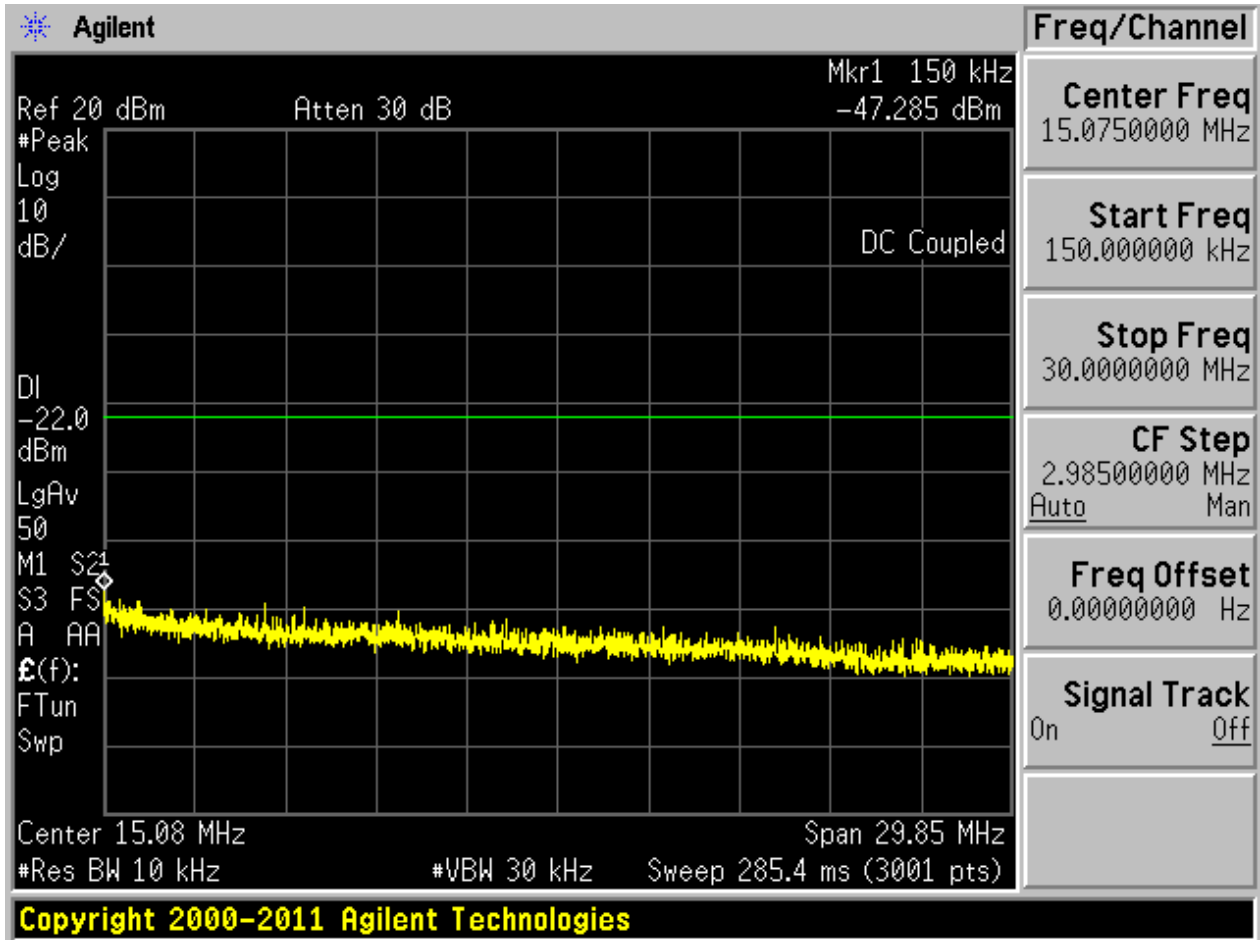


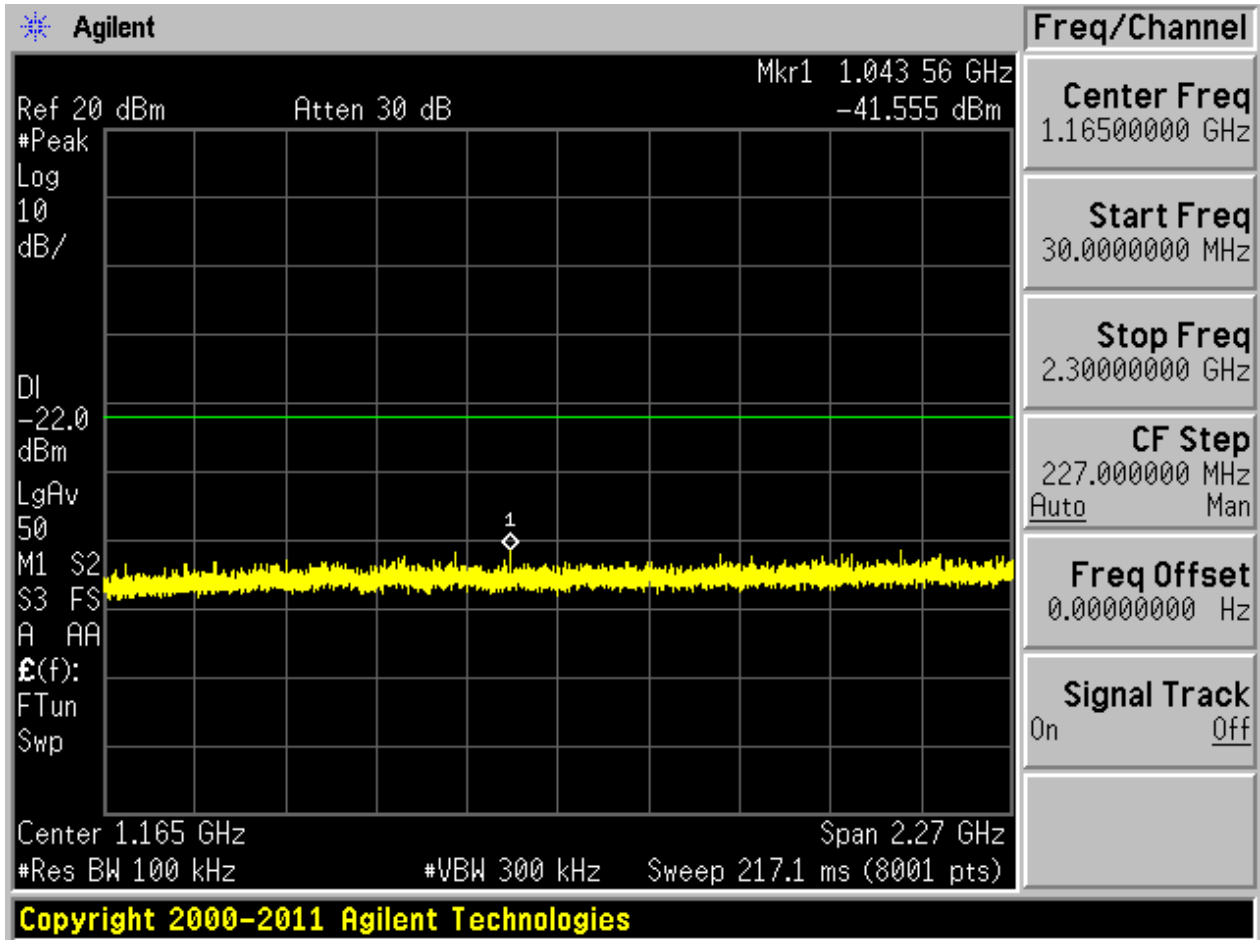
2.2711N20m/8_T@1+2

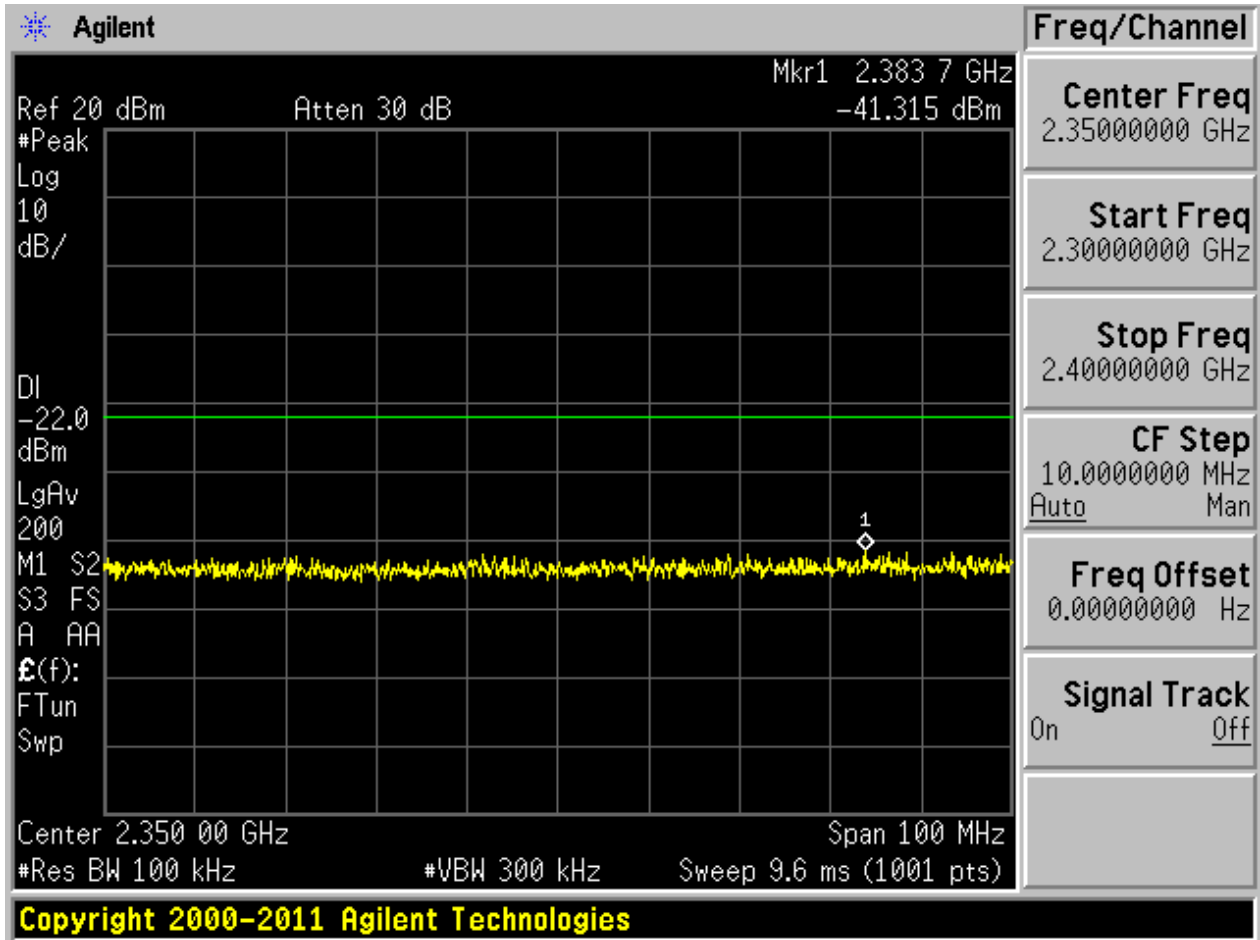
2.27.1 Ant 1

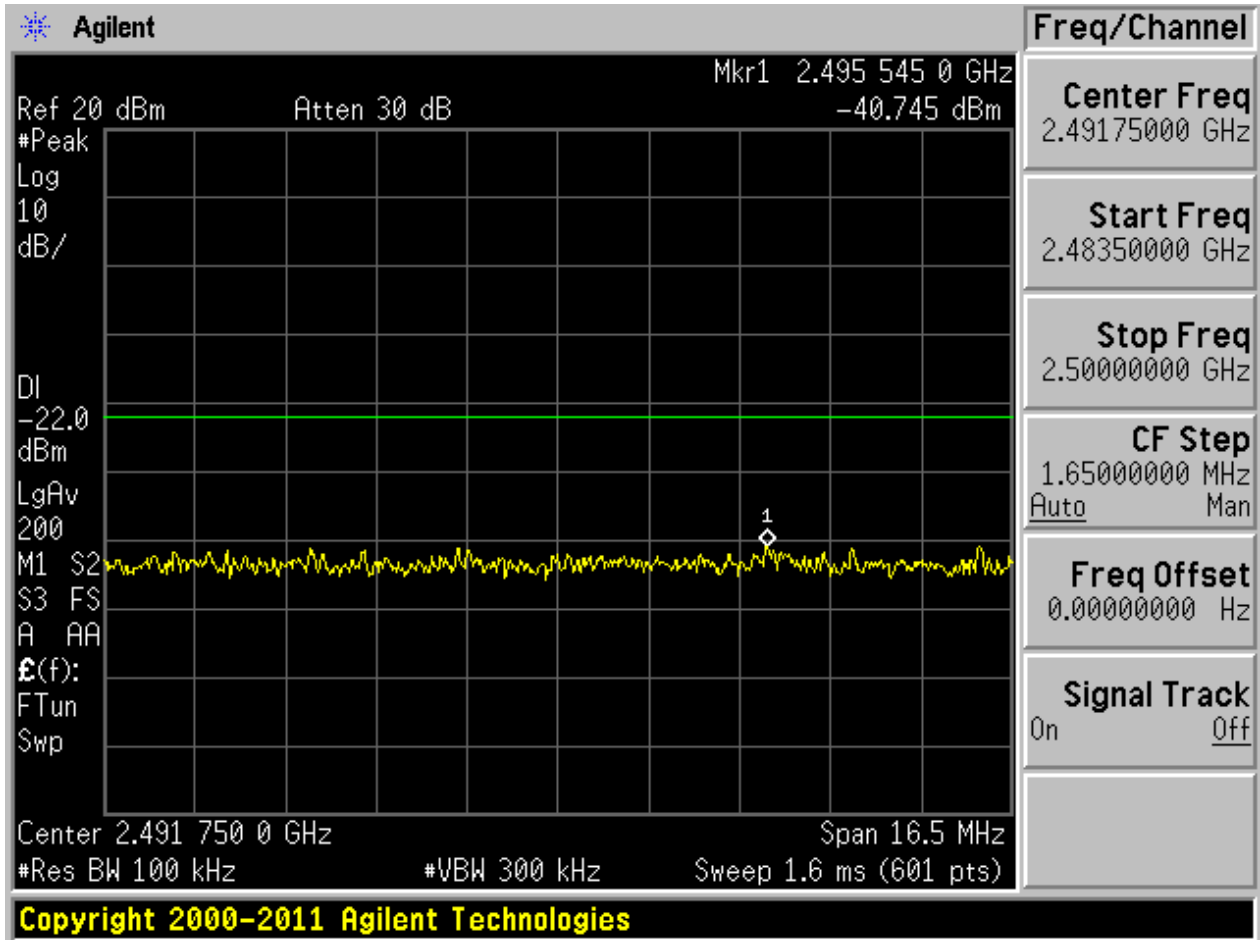
2.27.1.1 Pref

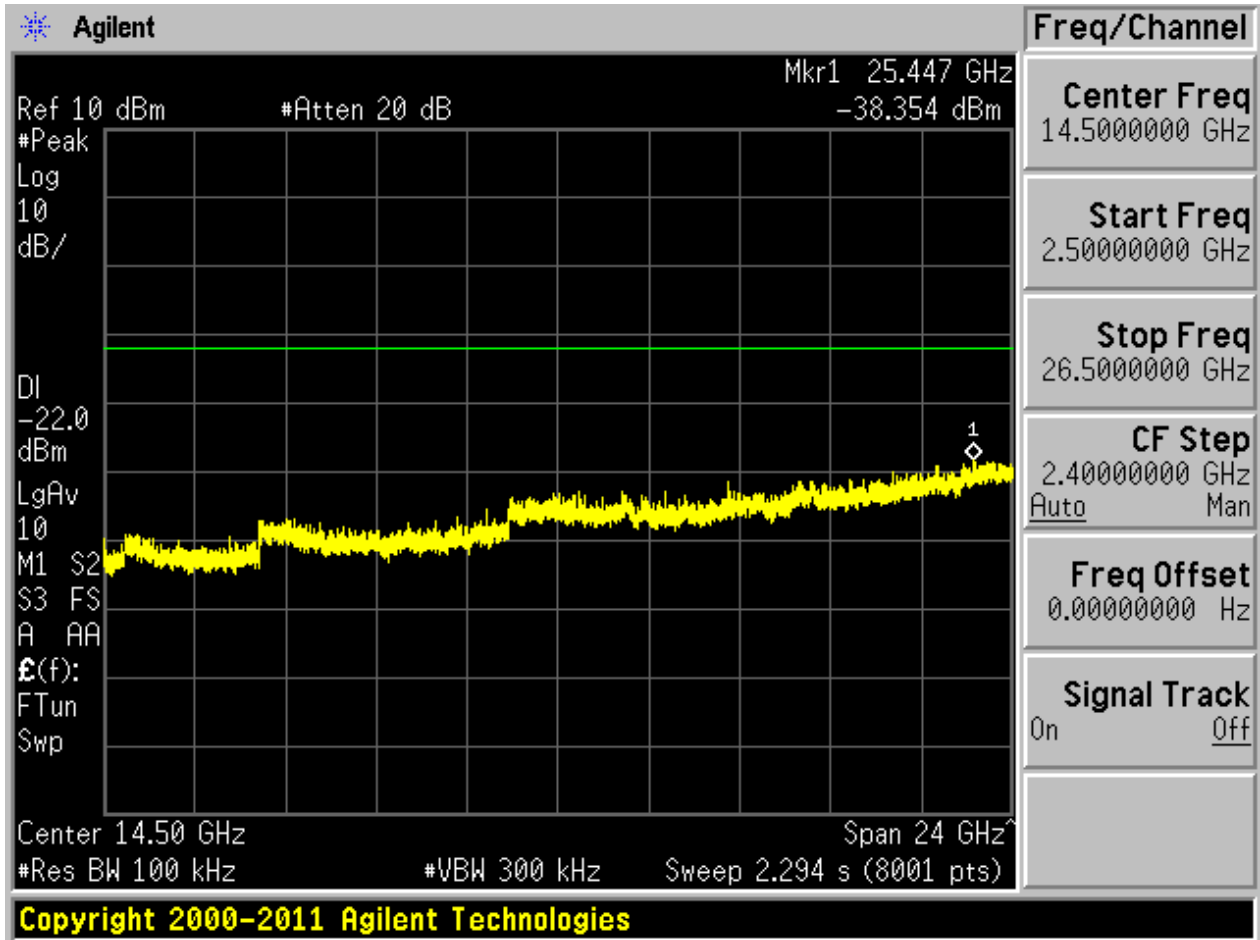






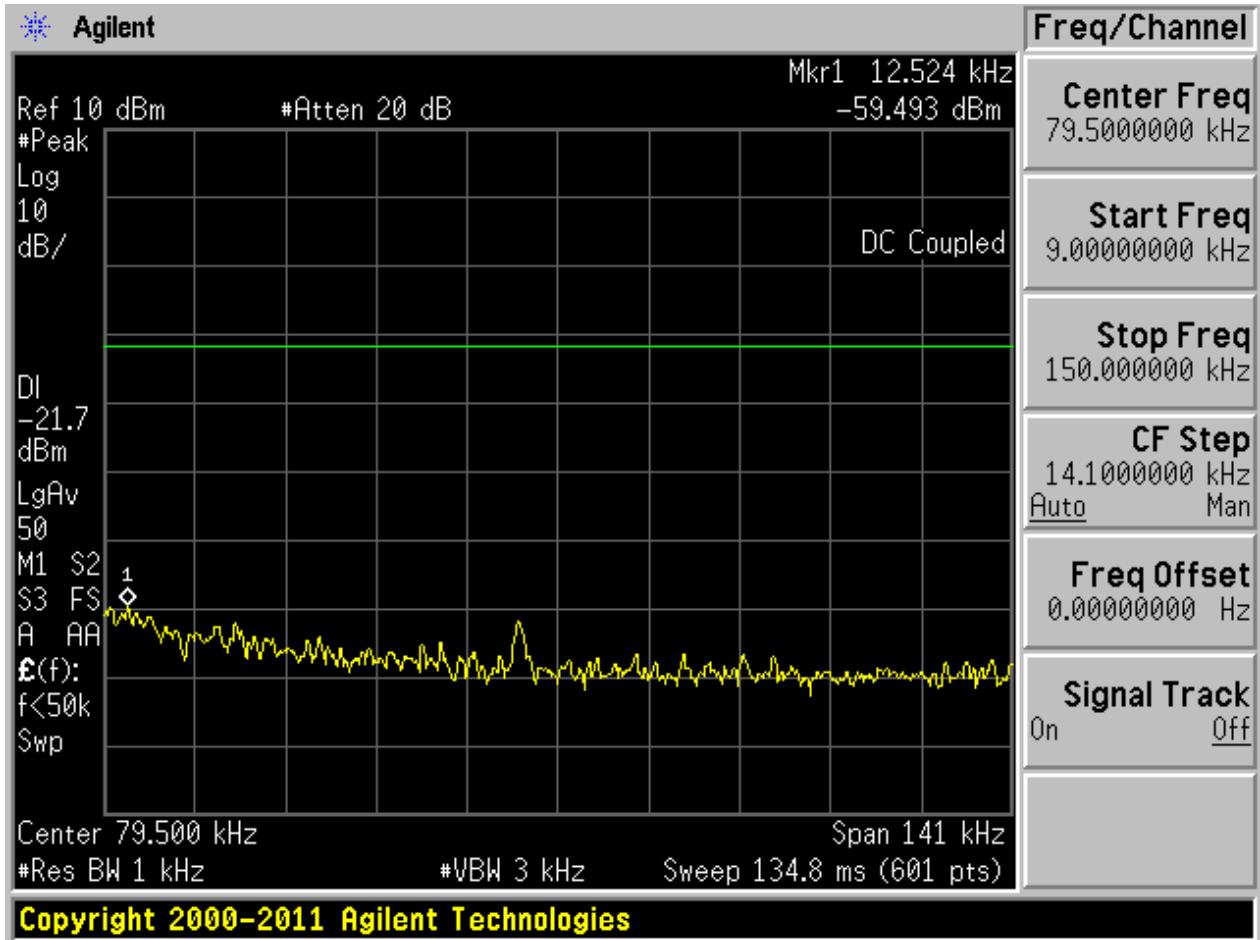


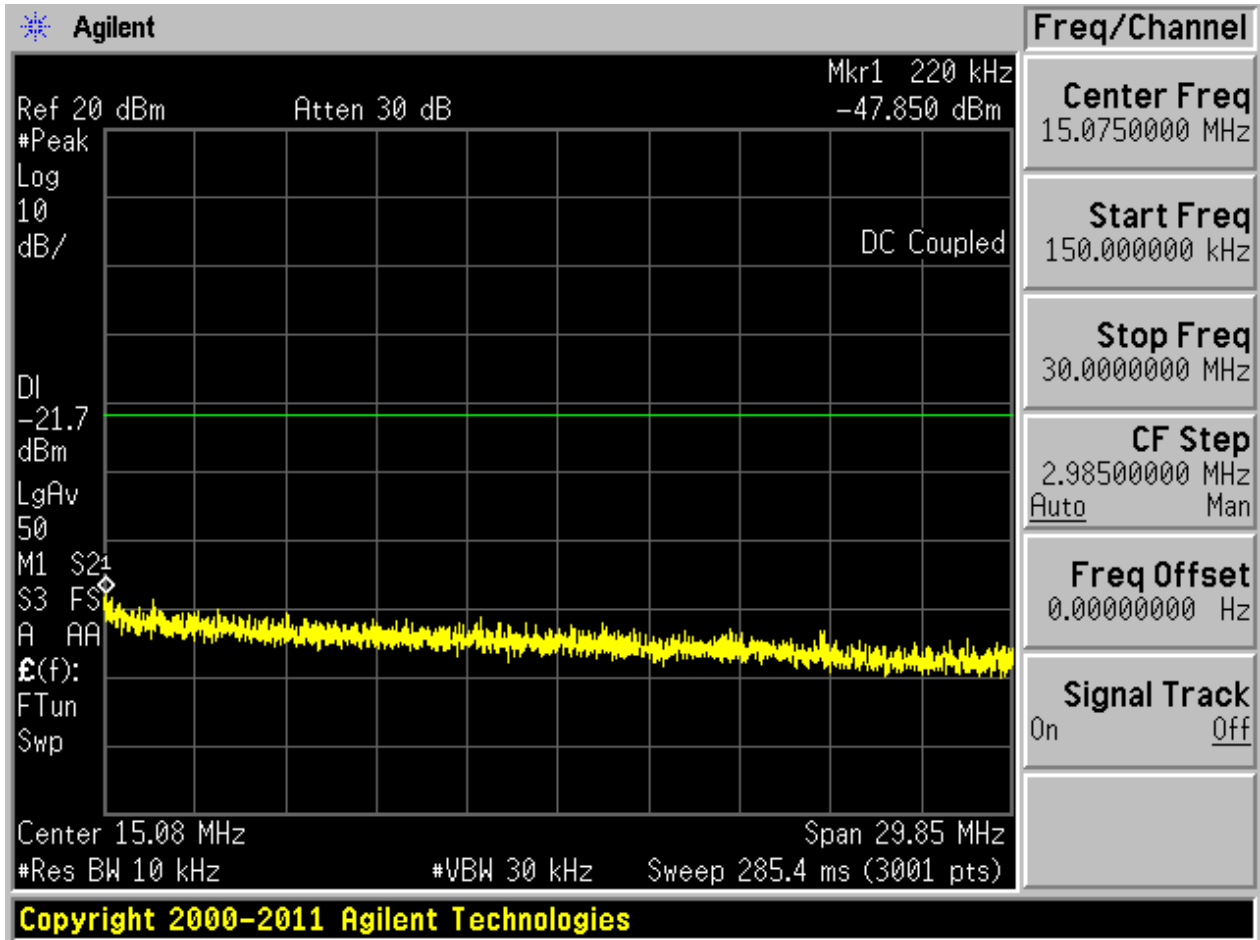


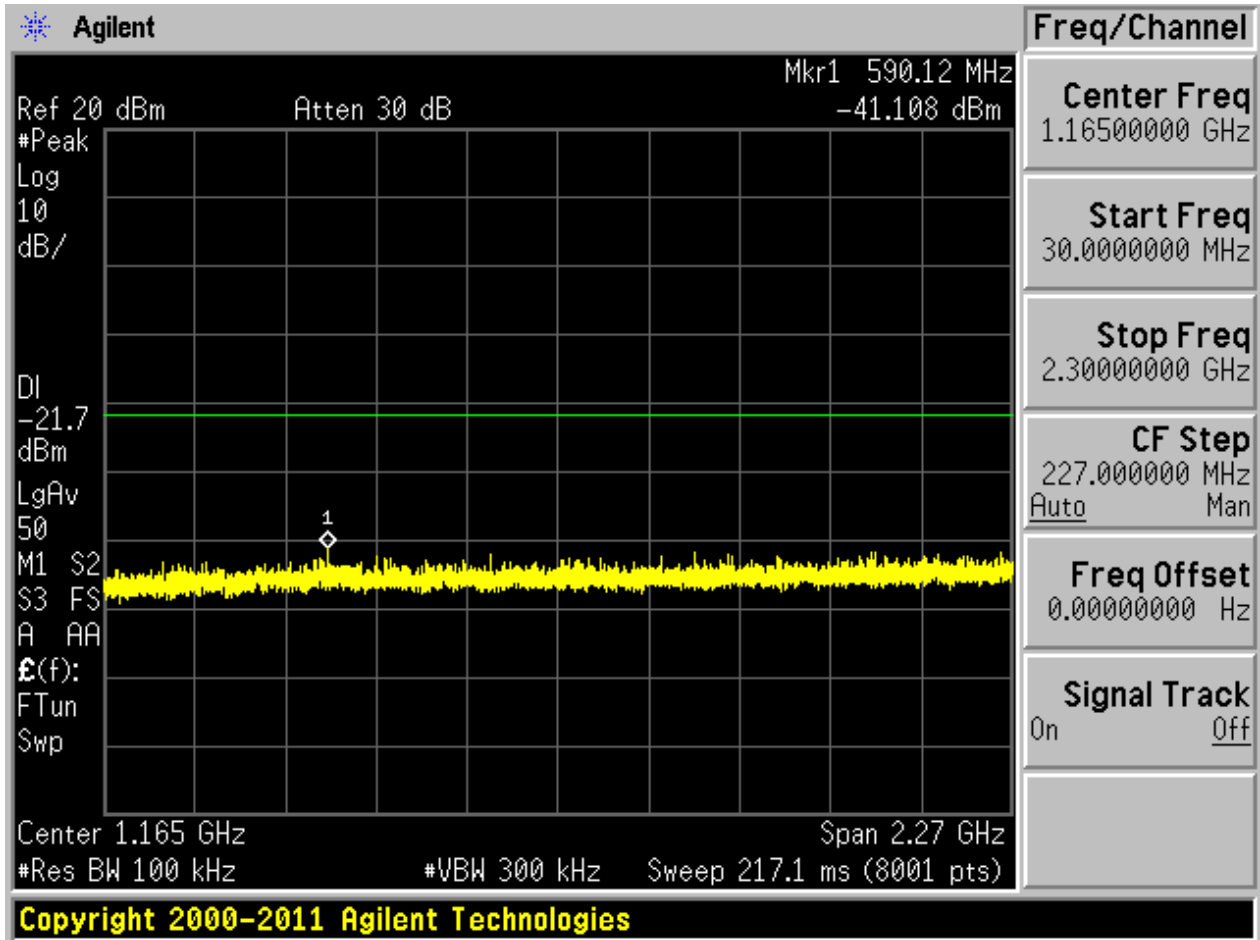


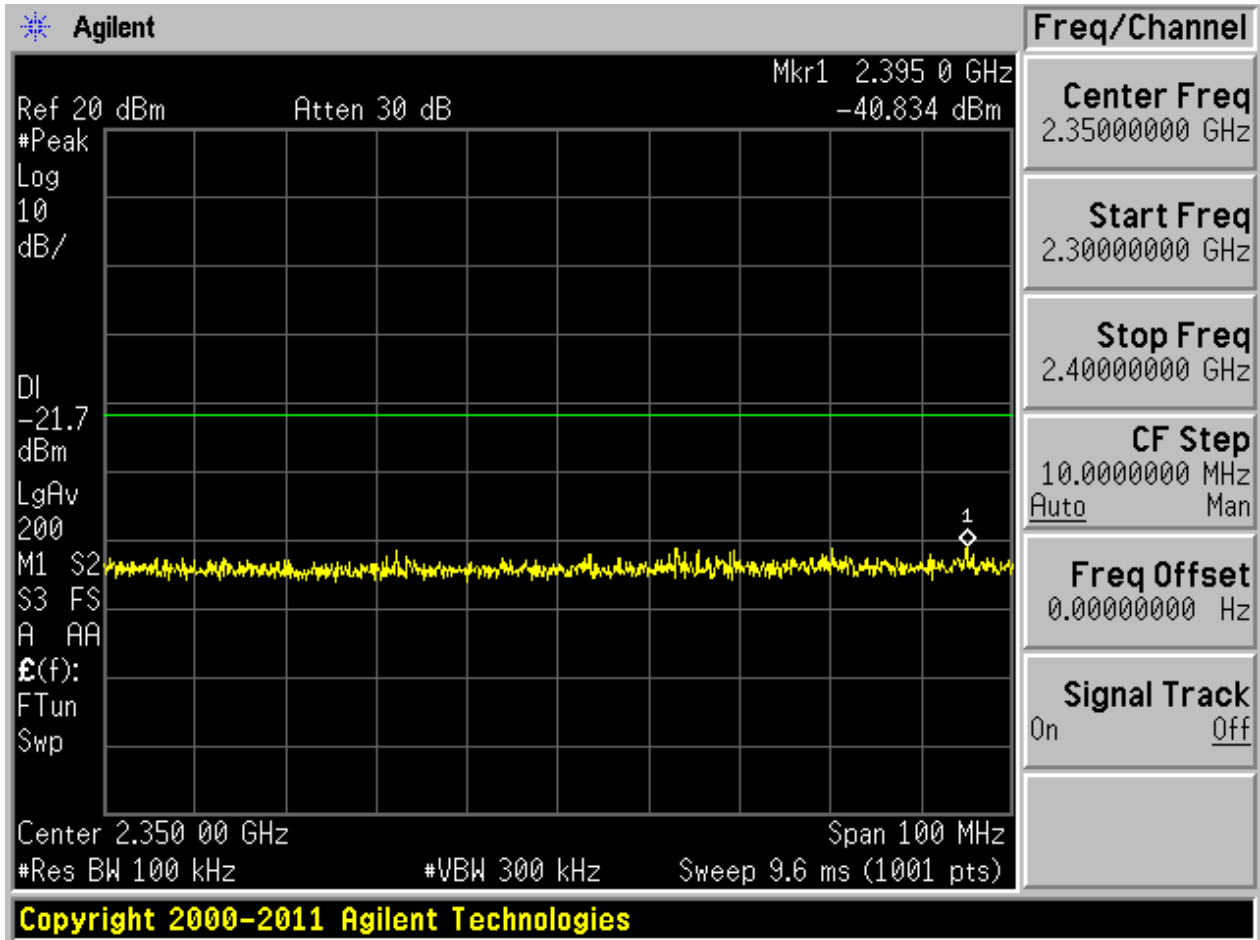
2.27.2 Ant 2

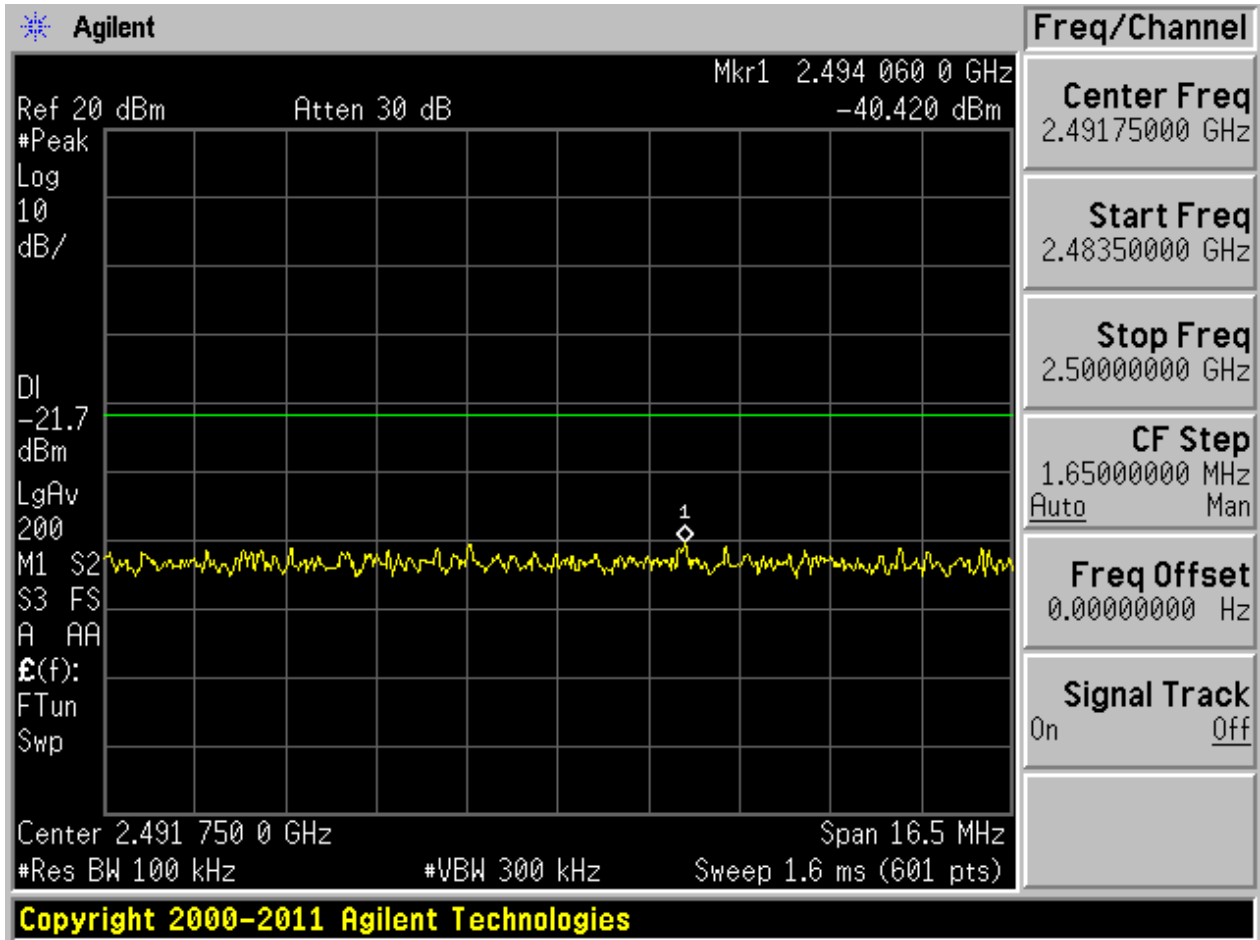
2.27.2.1 Pref

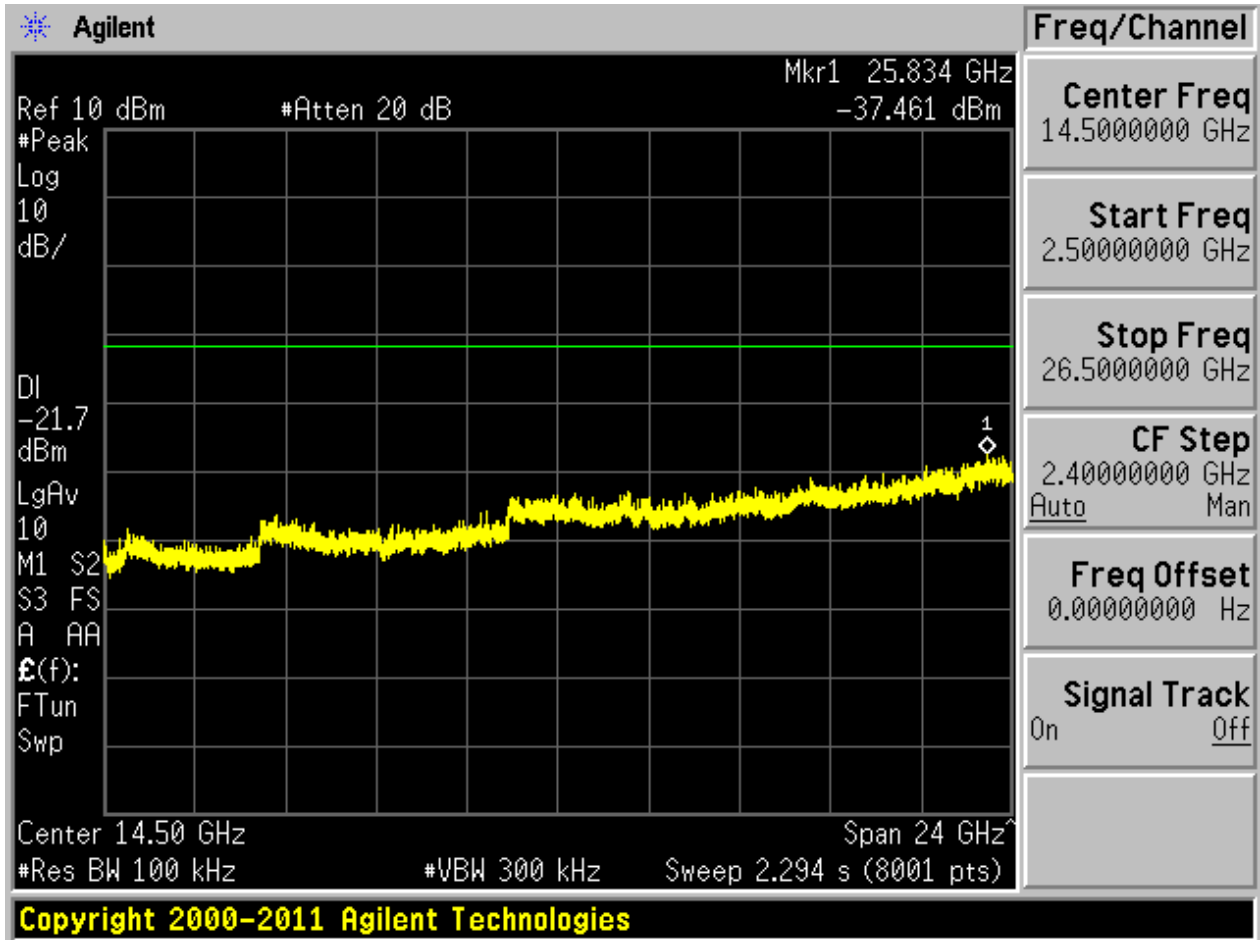








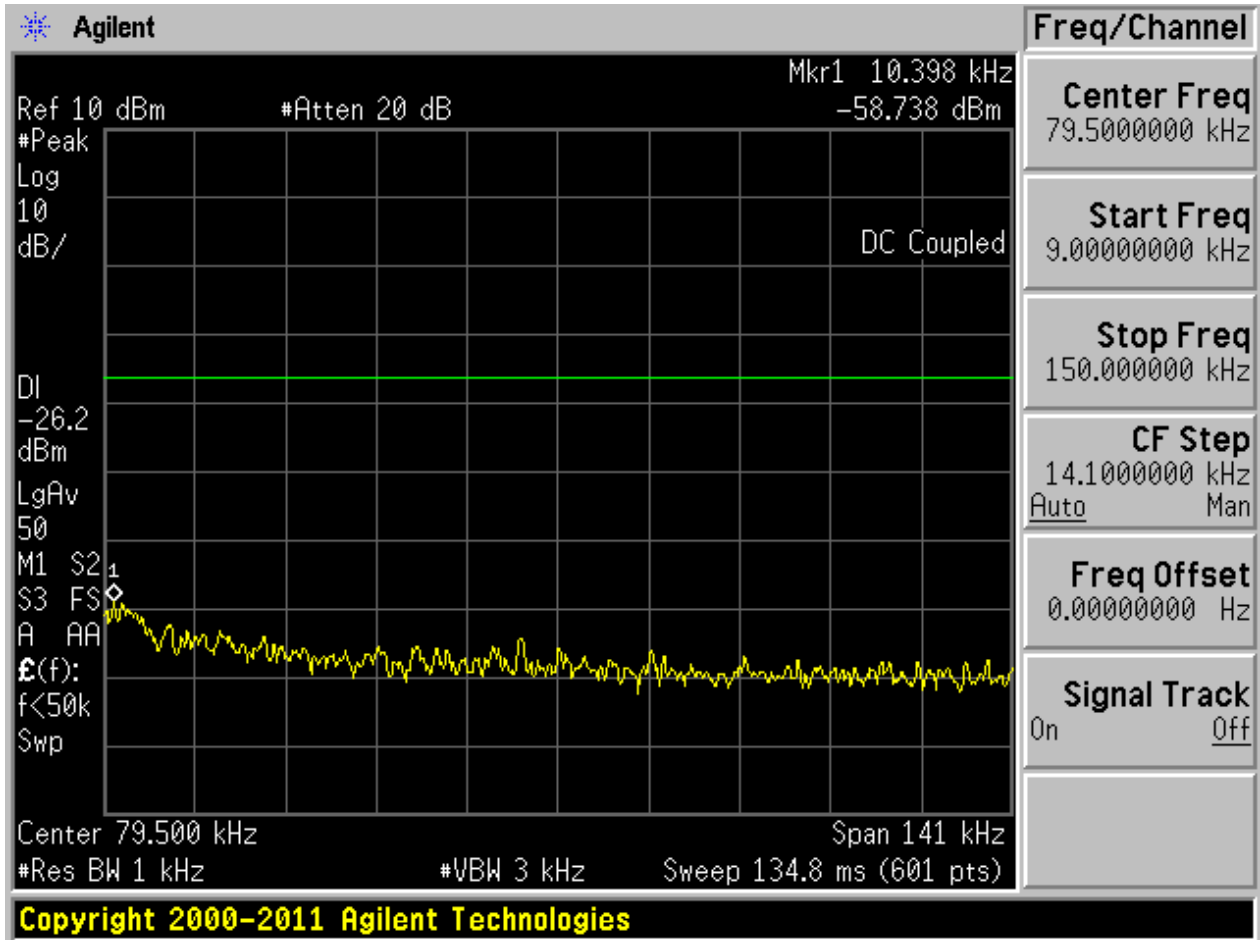


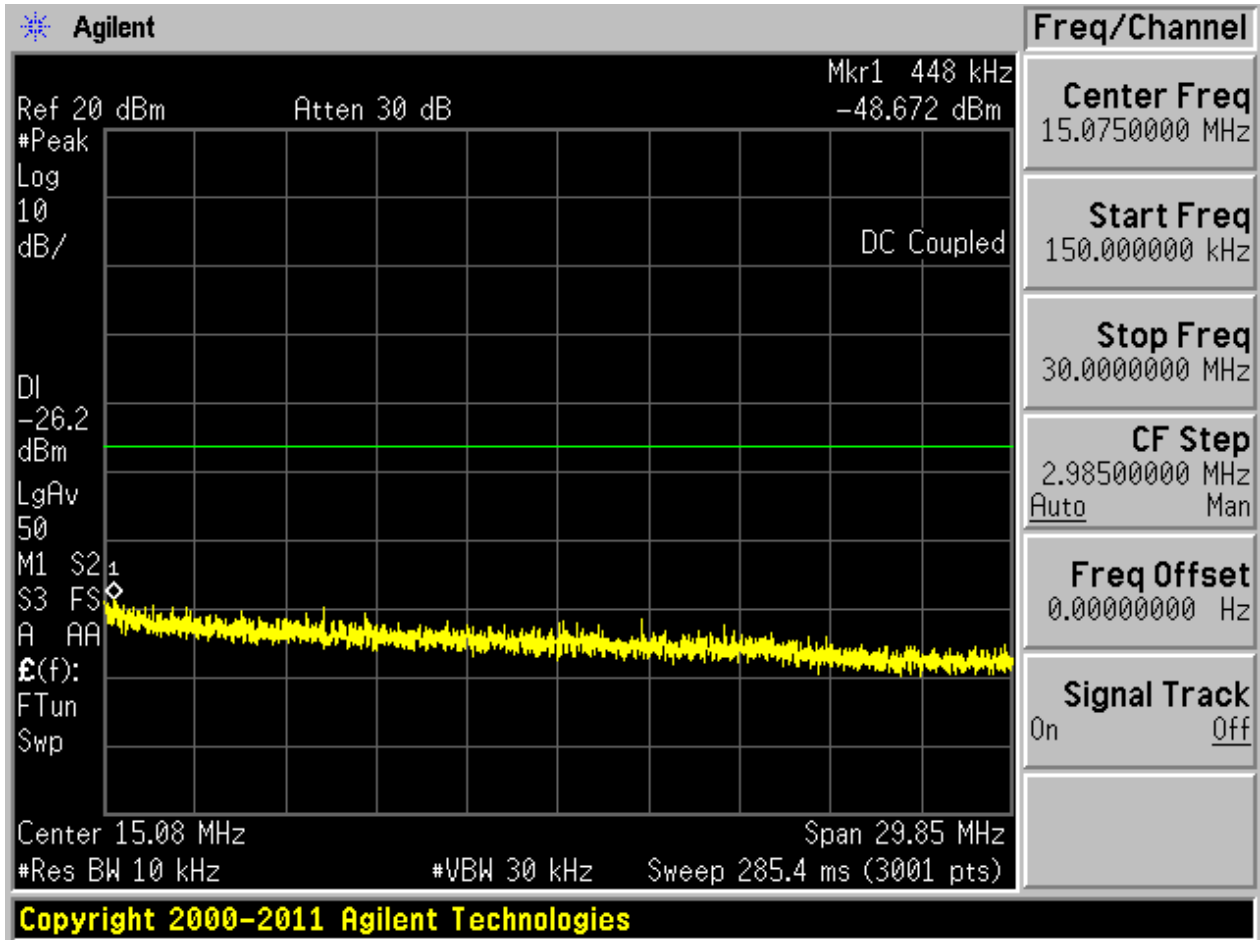


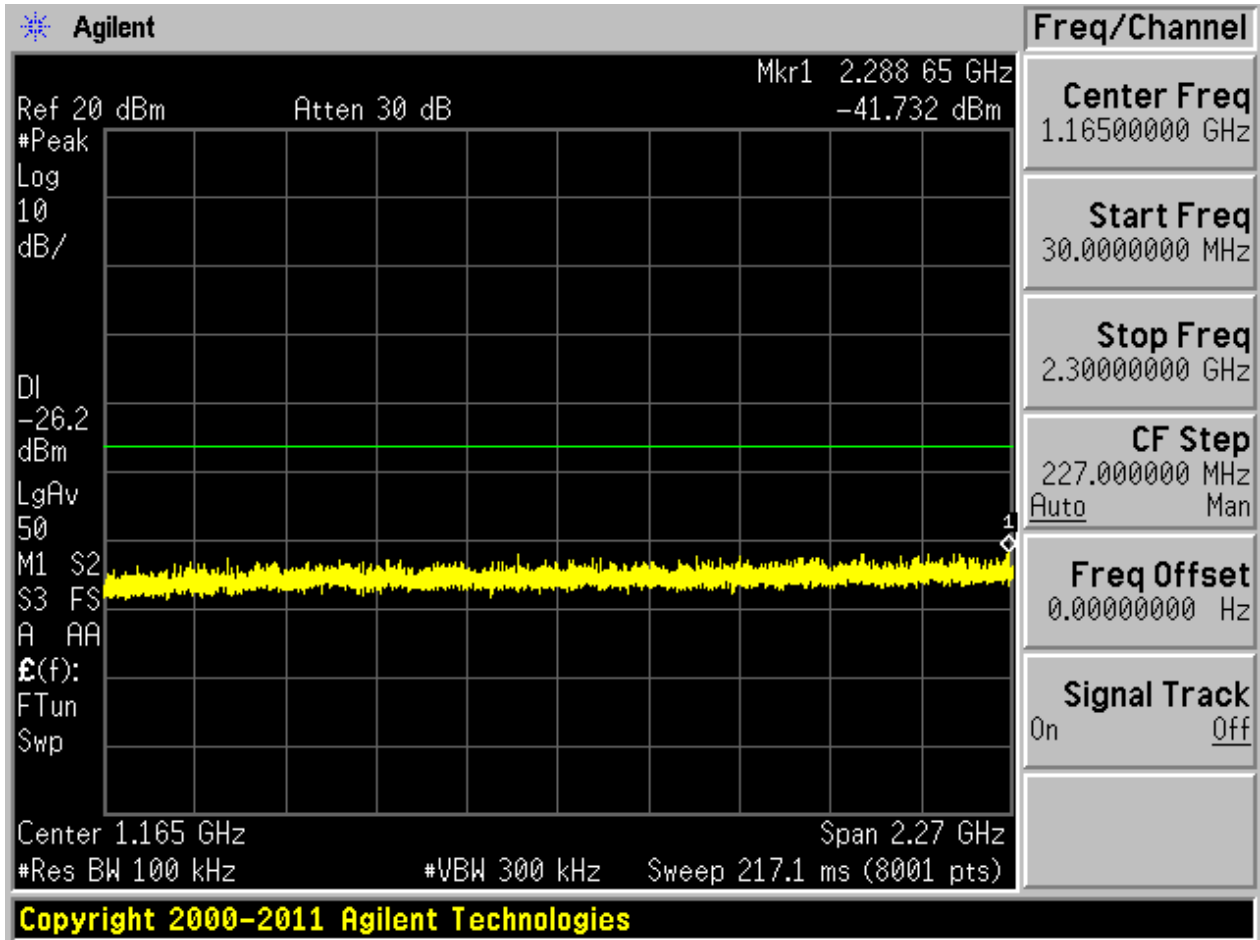
2.2811N40m/8_B@1+2

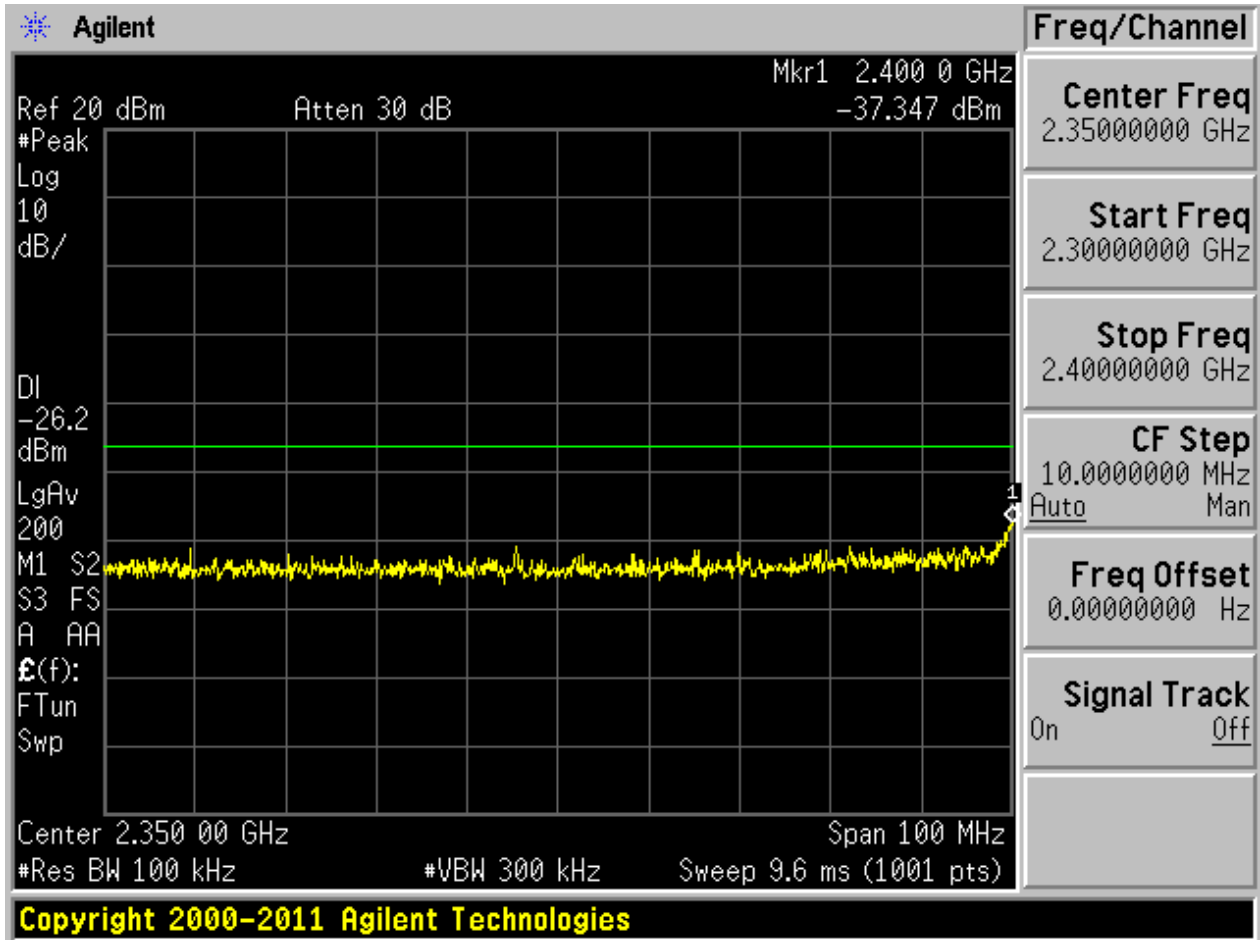
2.28.1 Ant 1

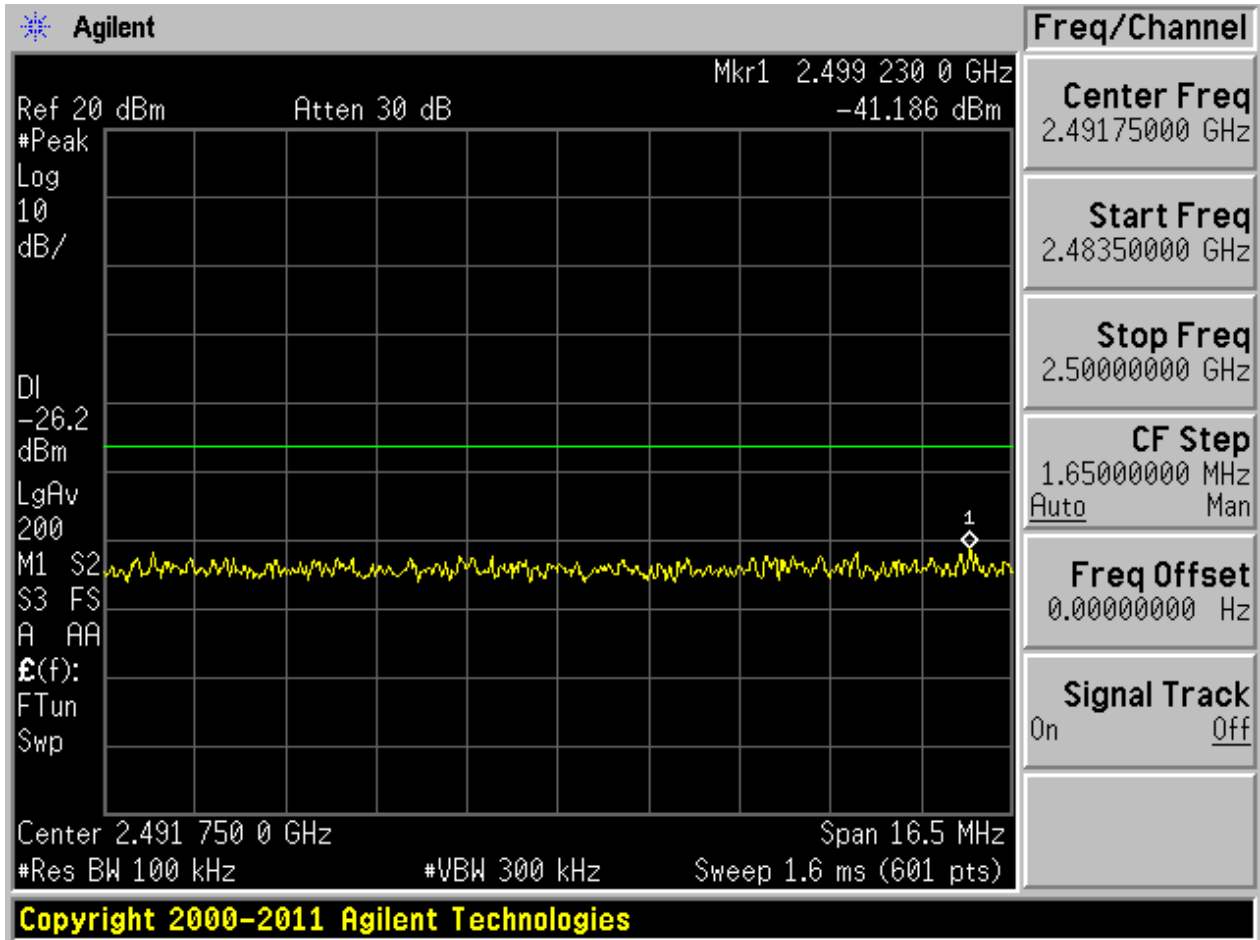
2.28.1.1 Pref

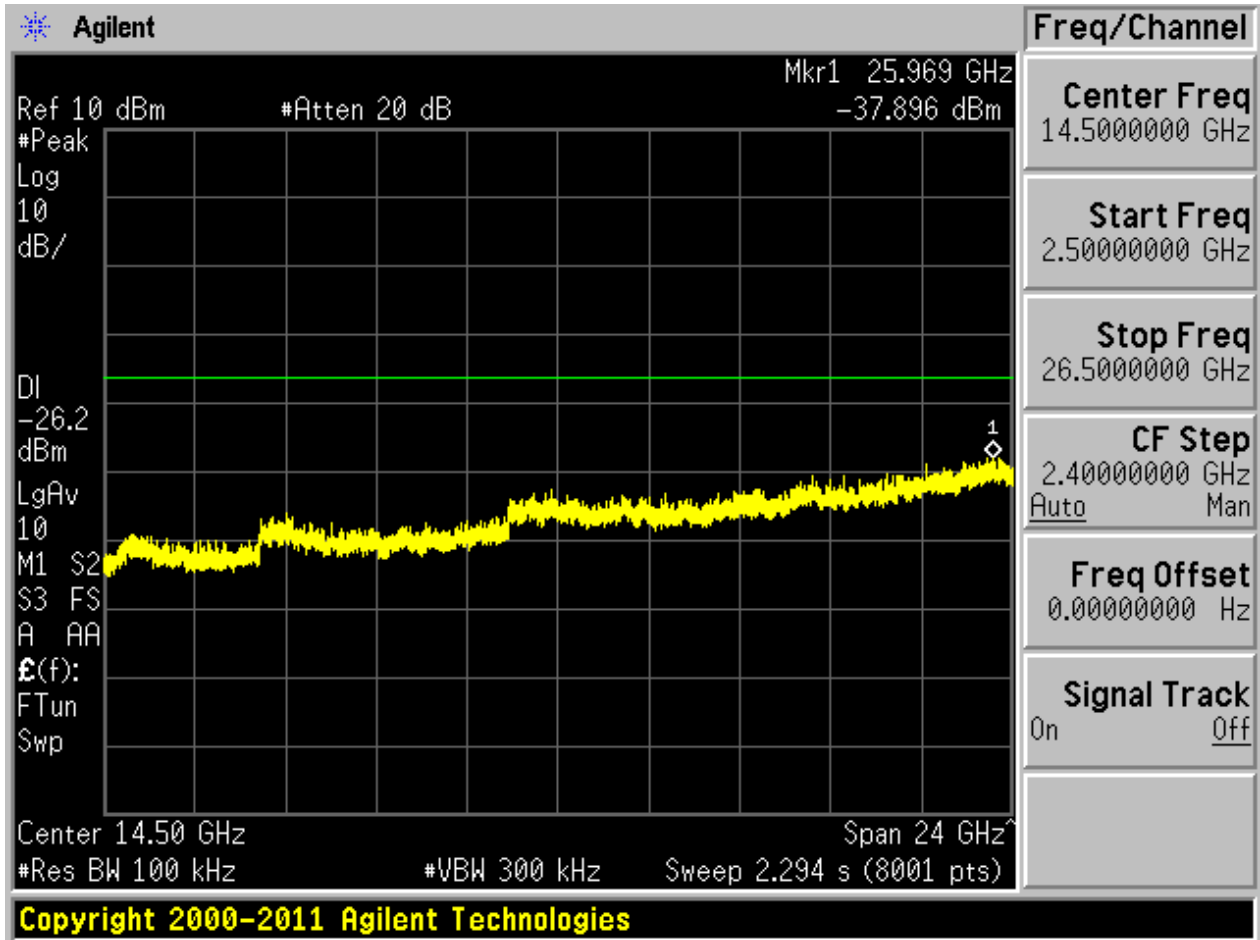






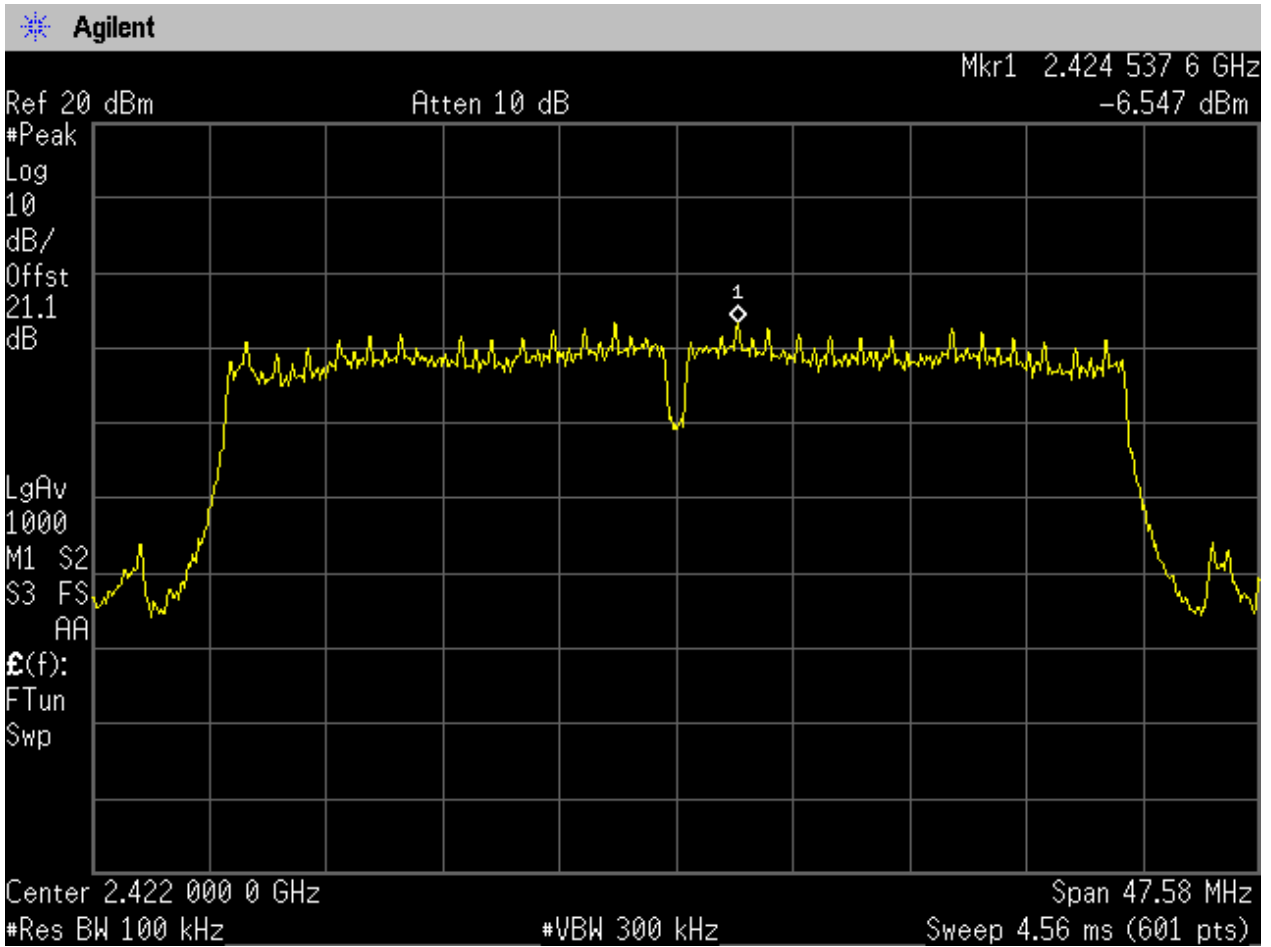




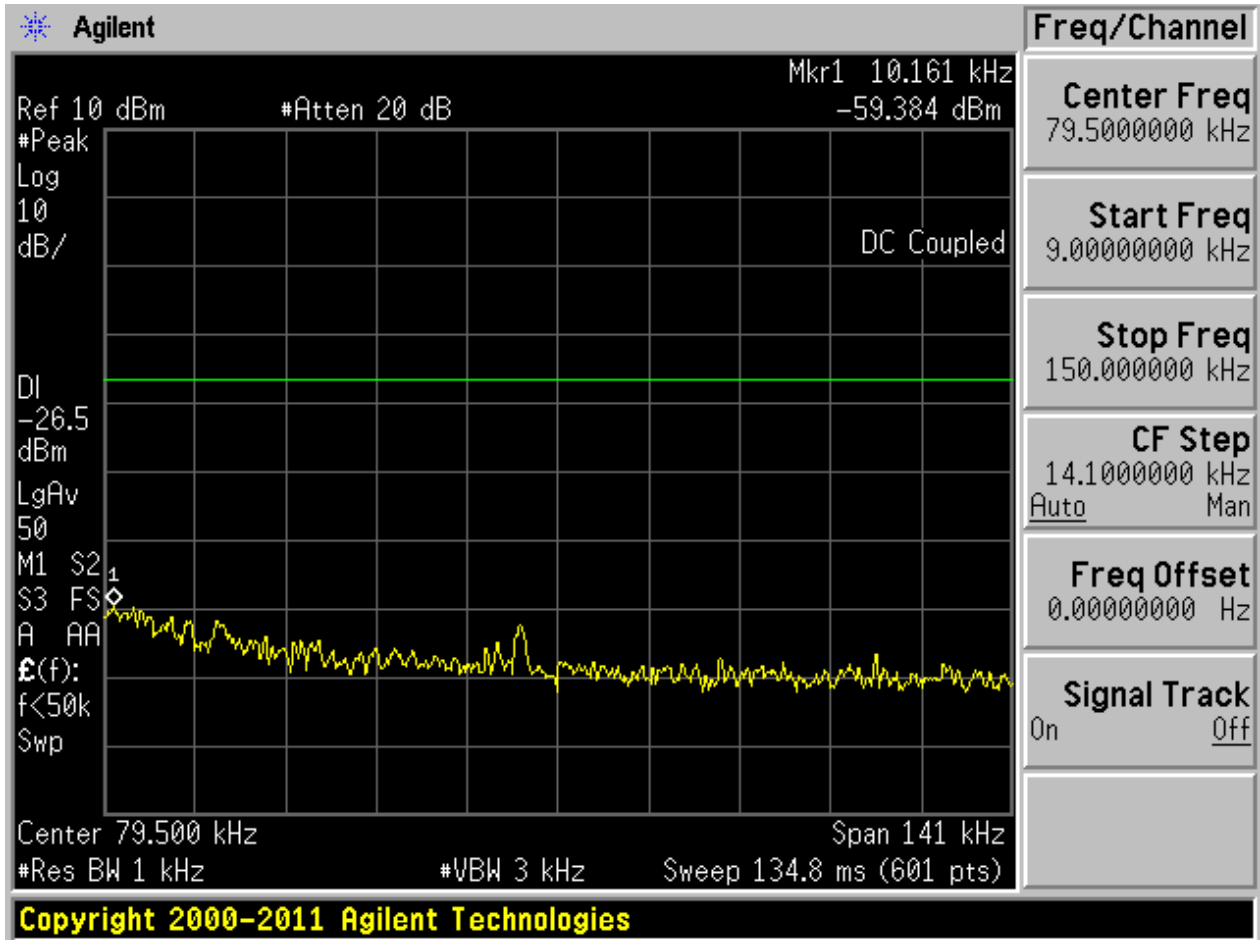


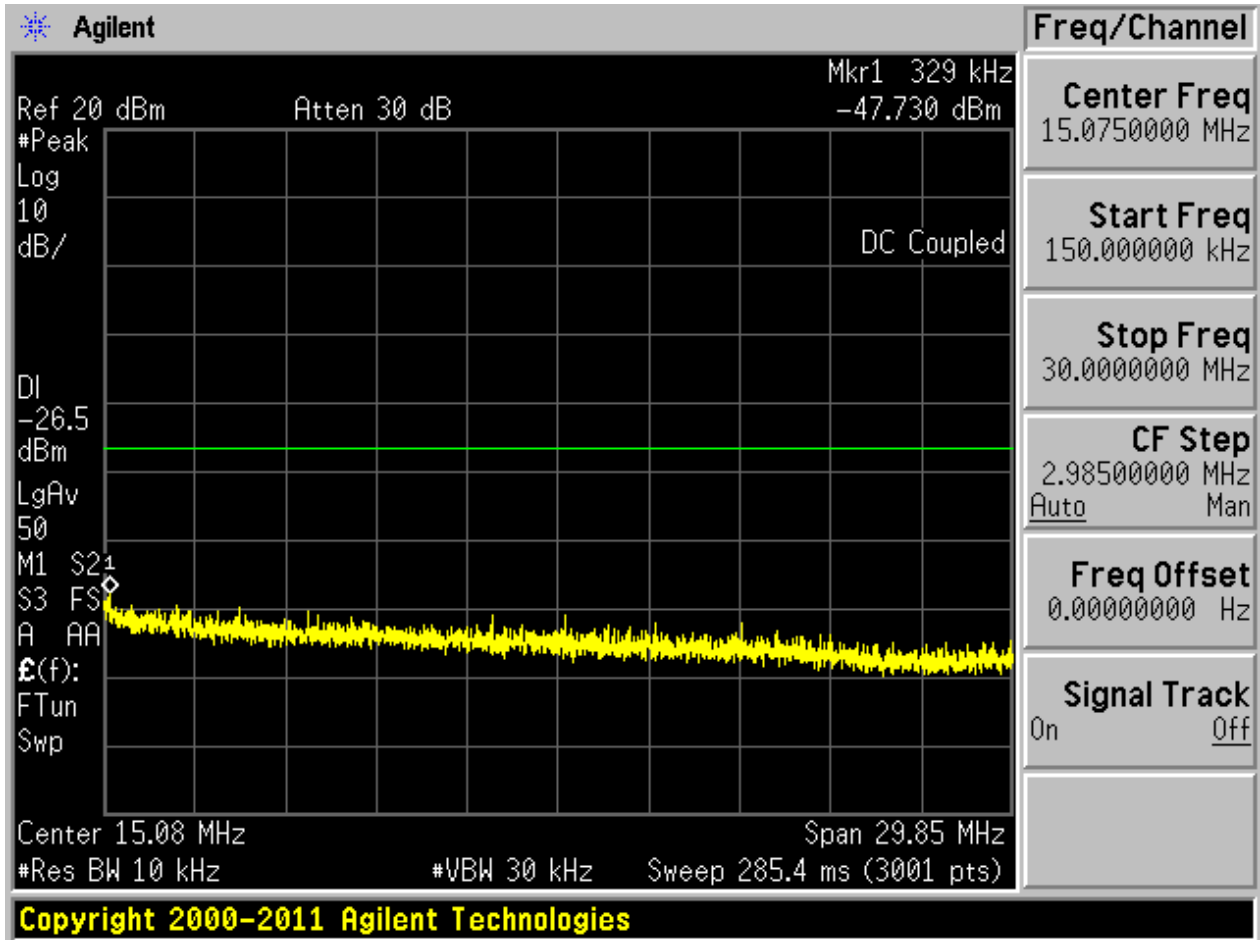
2.28.2 Ant 2

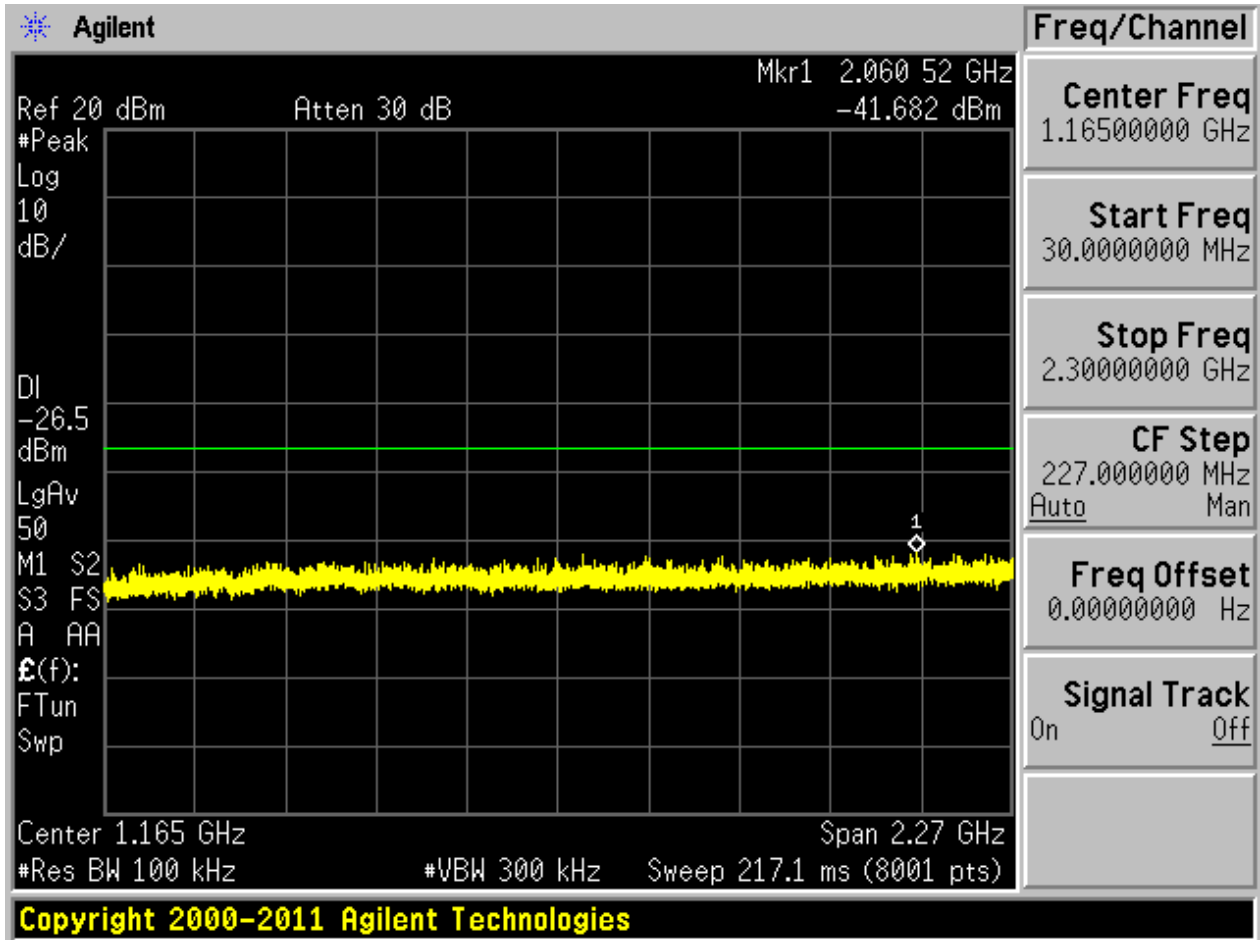
2.28.2.1 Pref

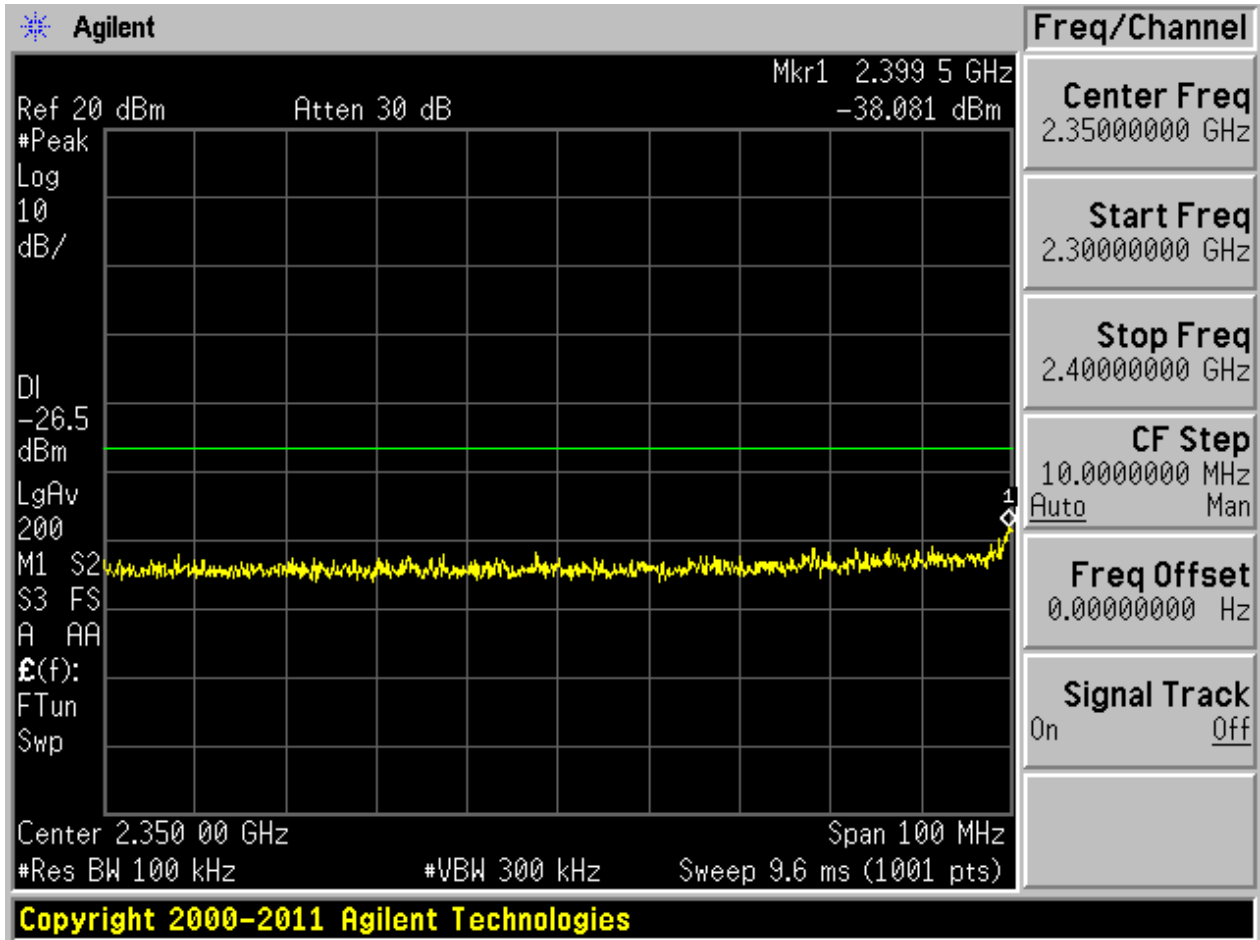


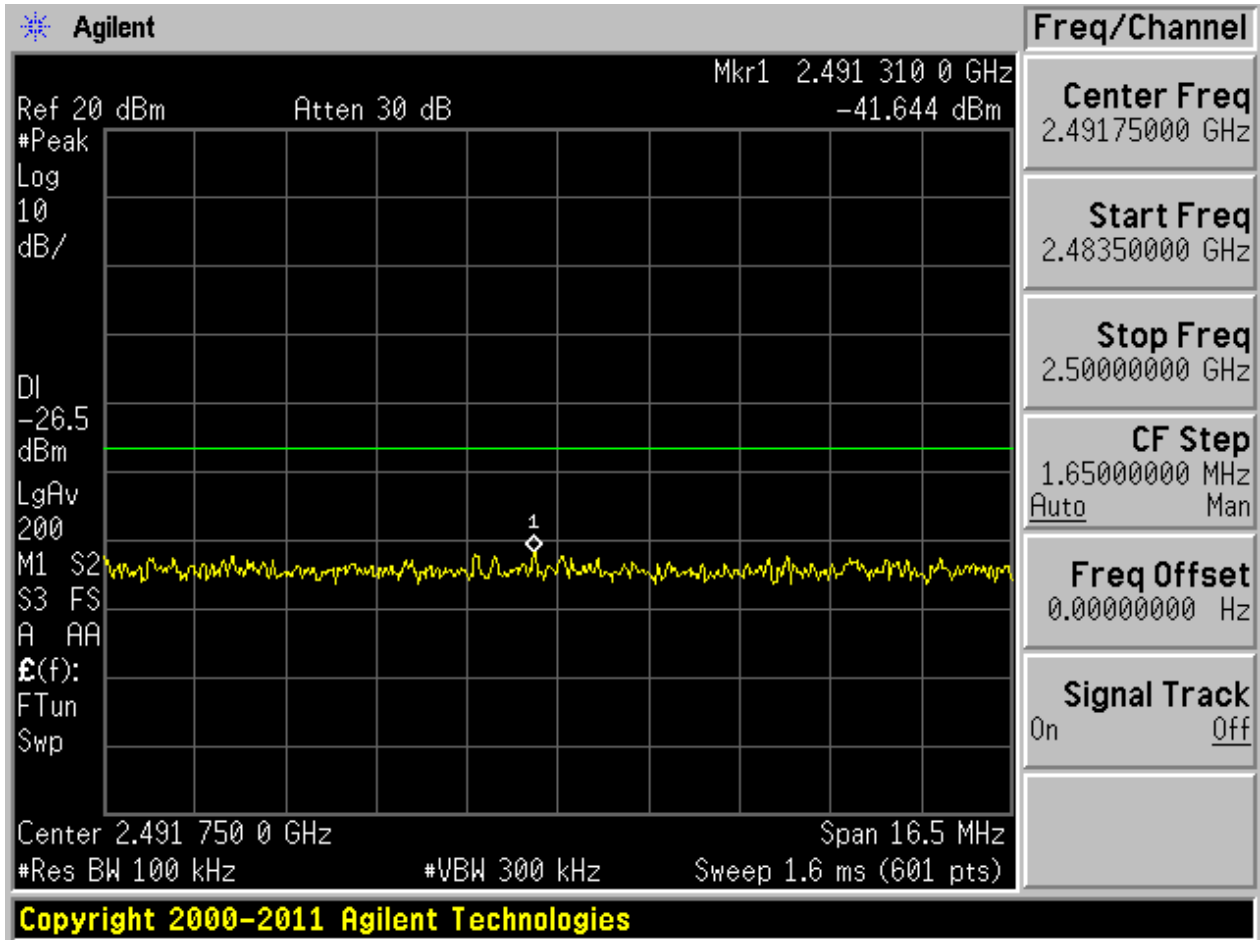
2.28.2.2 Puw

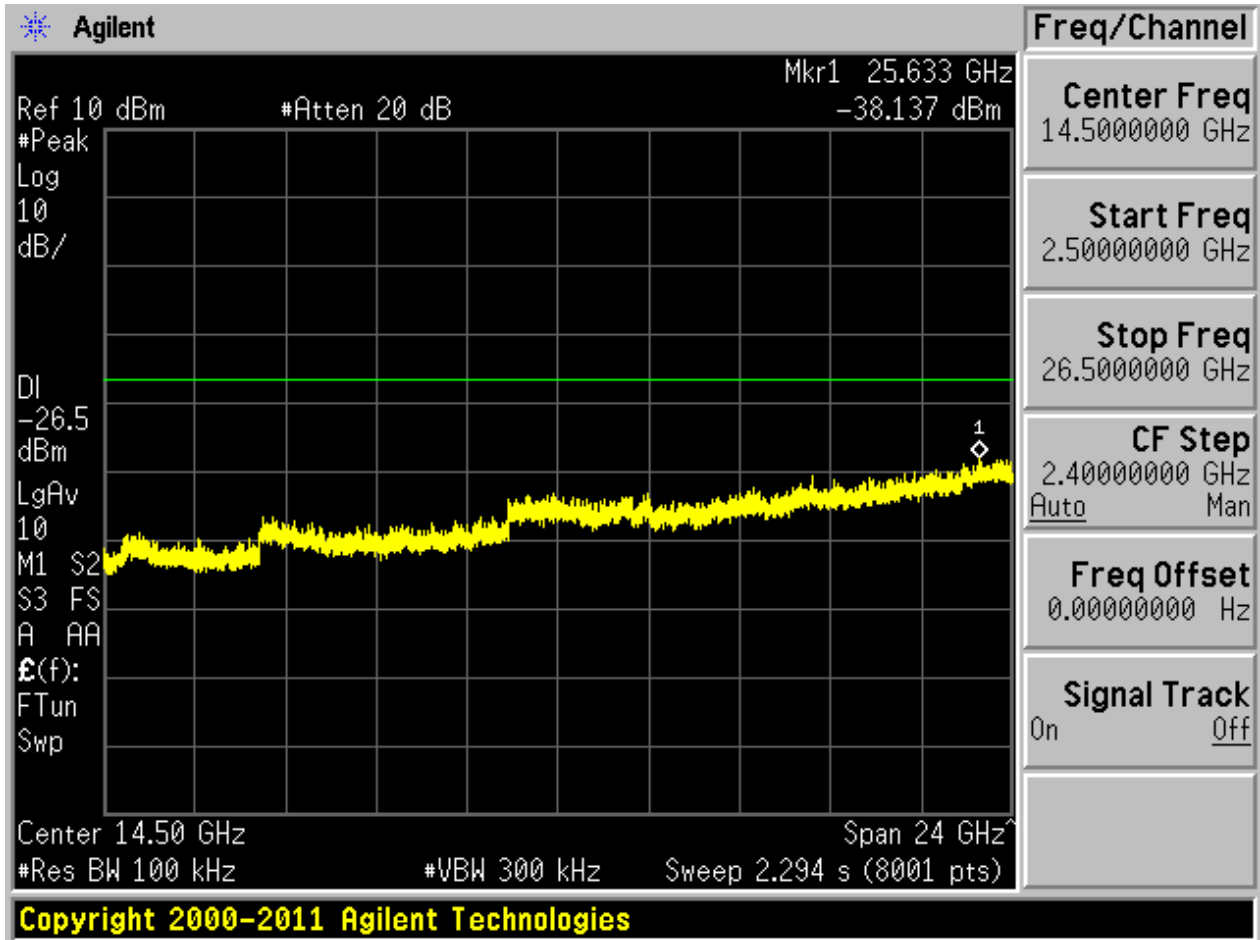








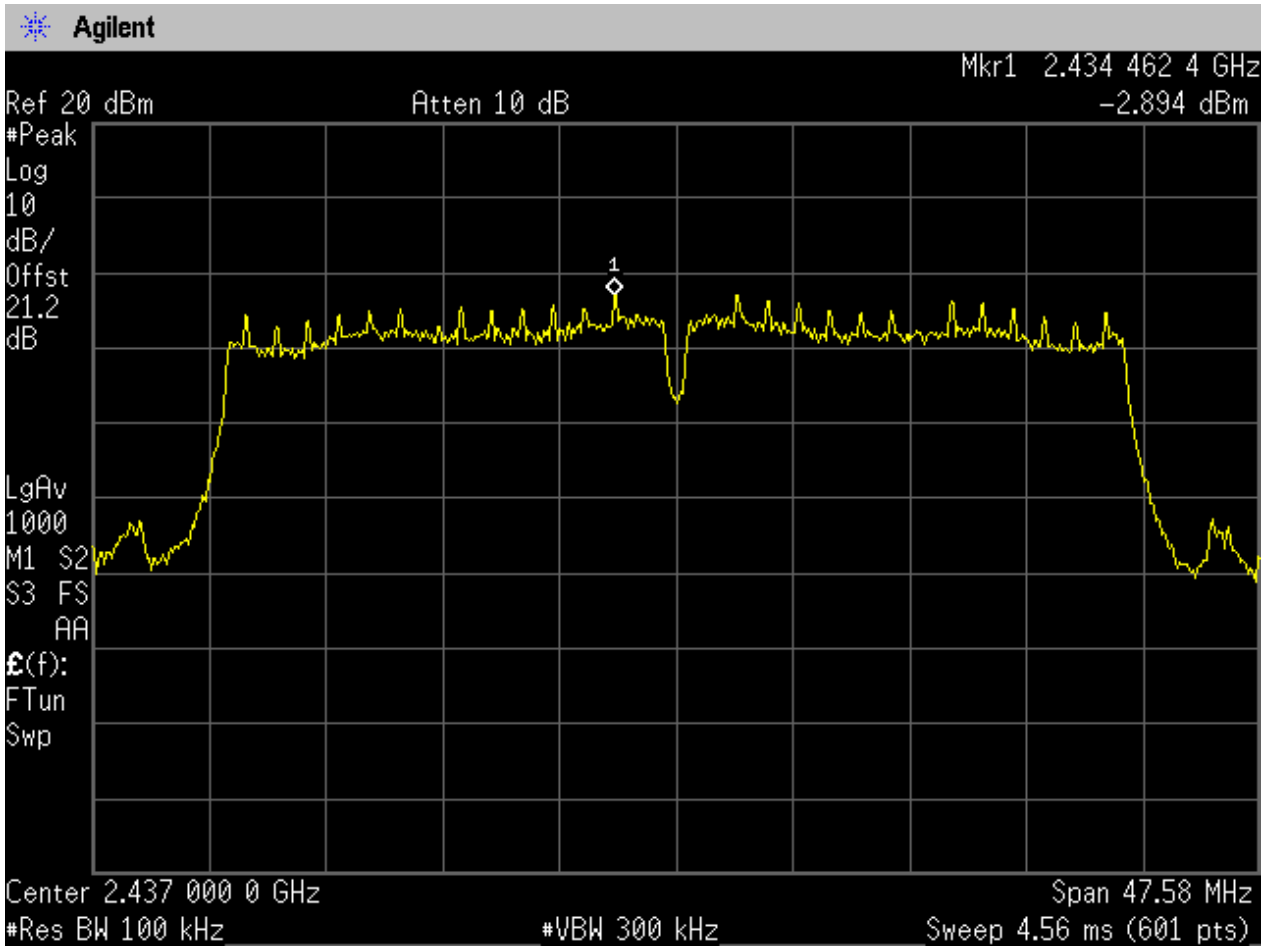




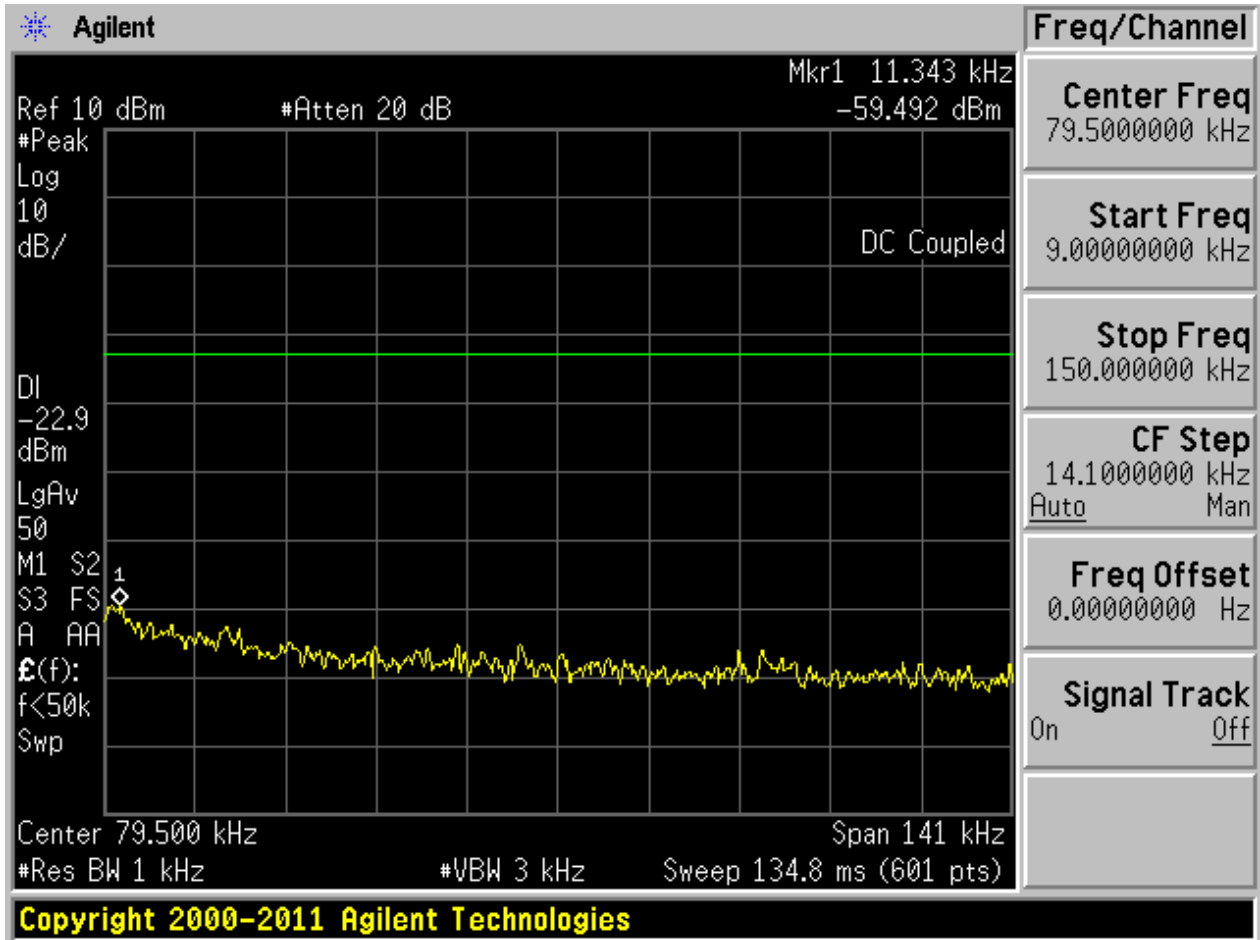
2.2911N40m/8_M@1+2

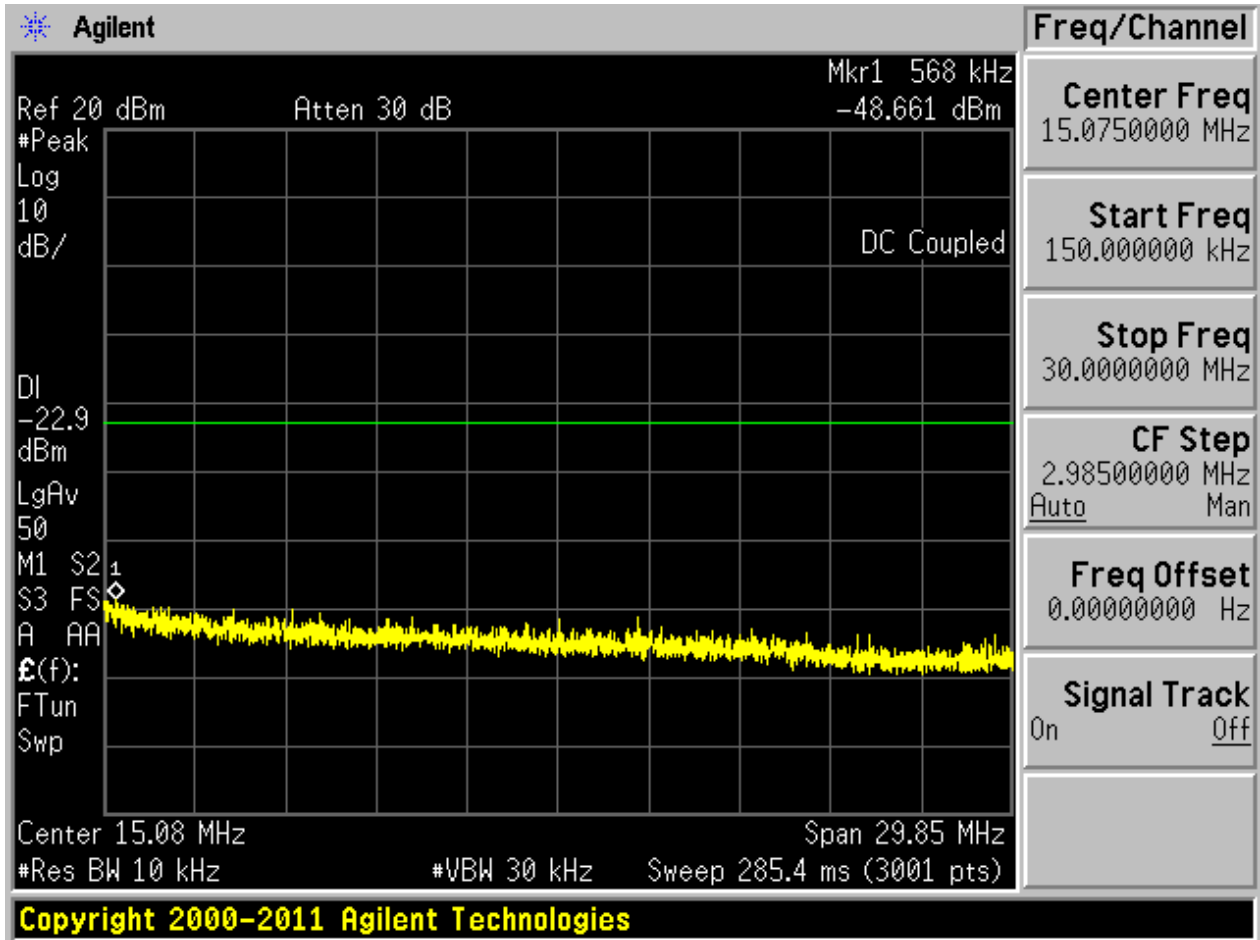
2.29.1 Ant 1

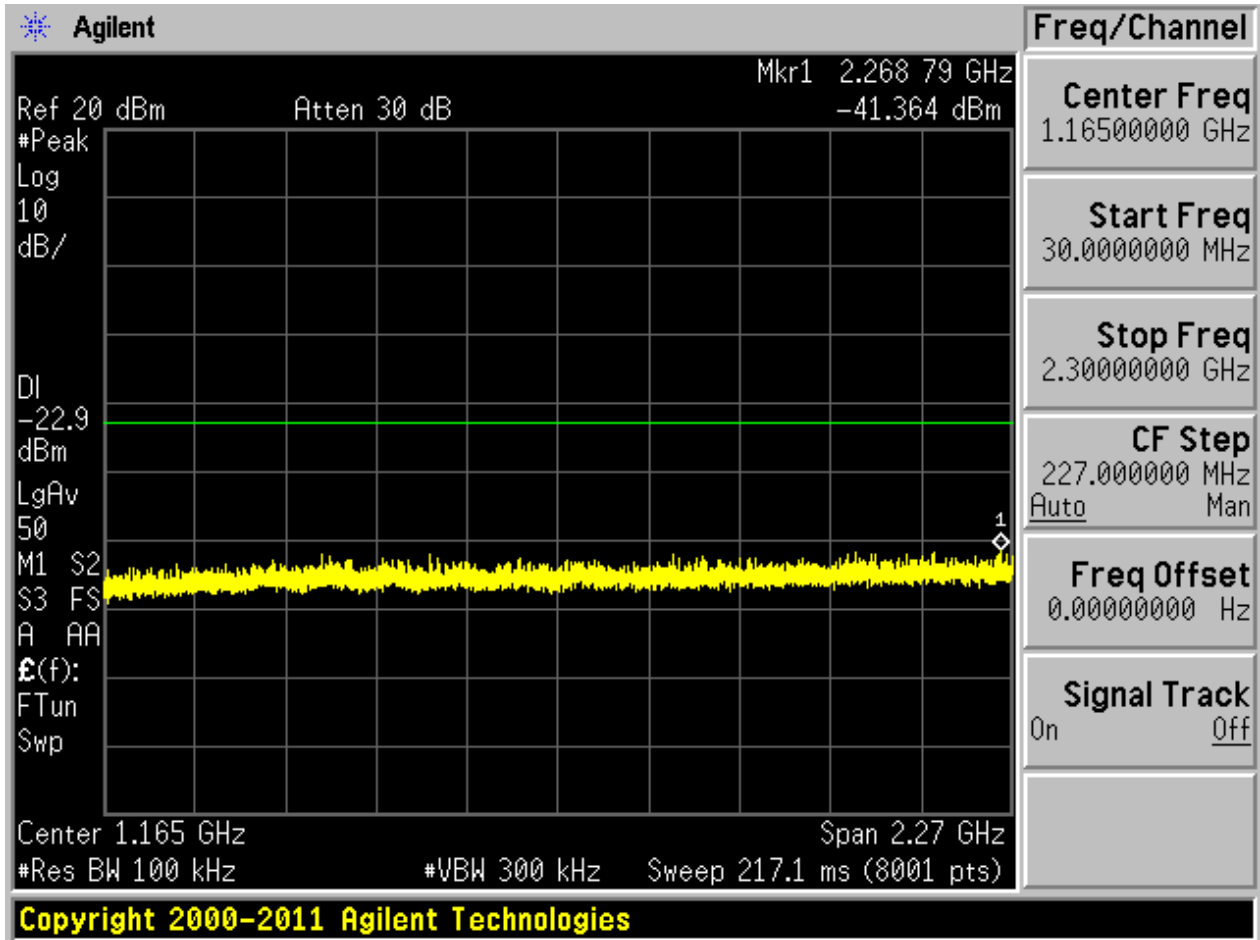
2.29.1.1 Pref

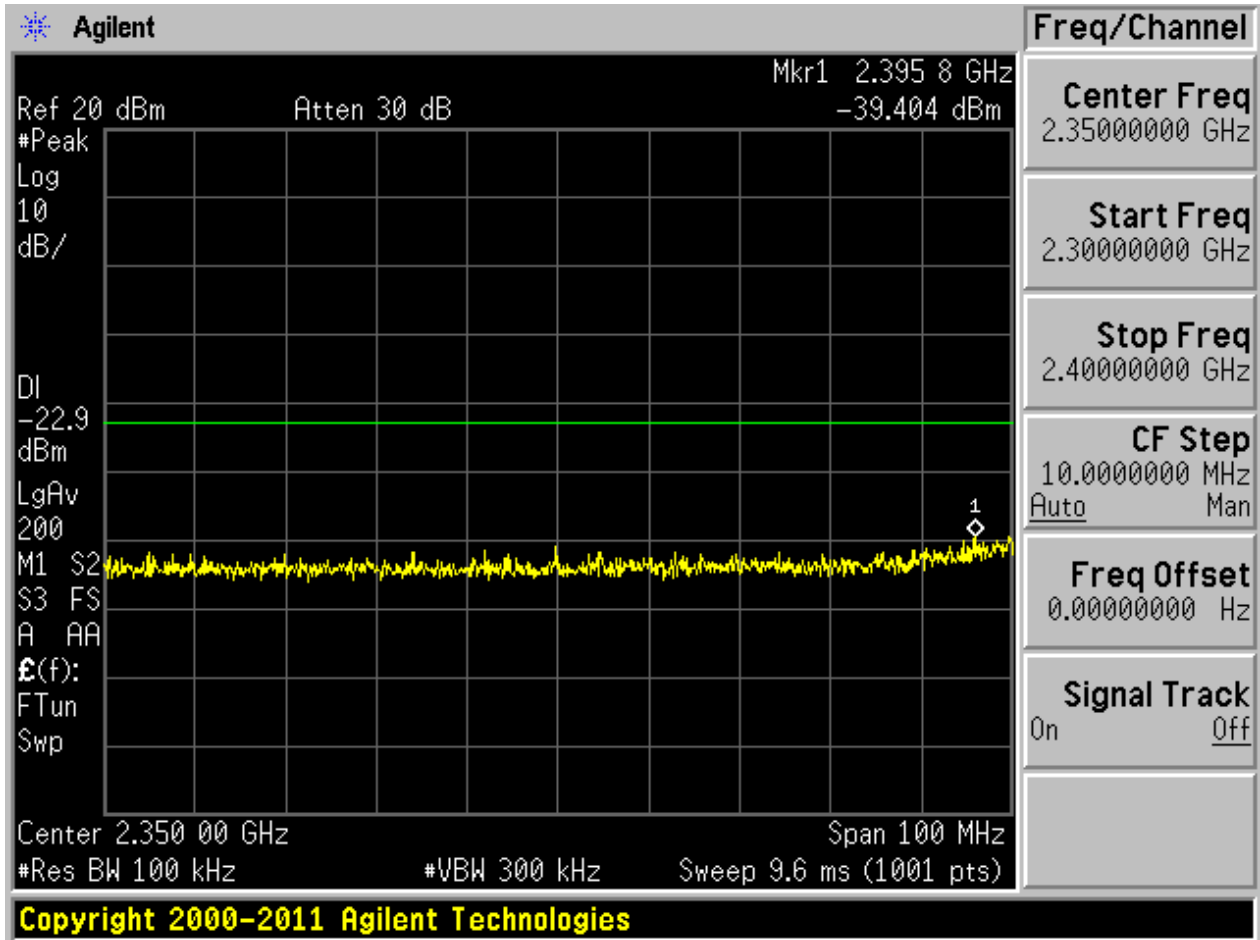


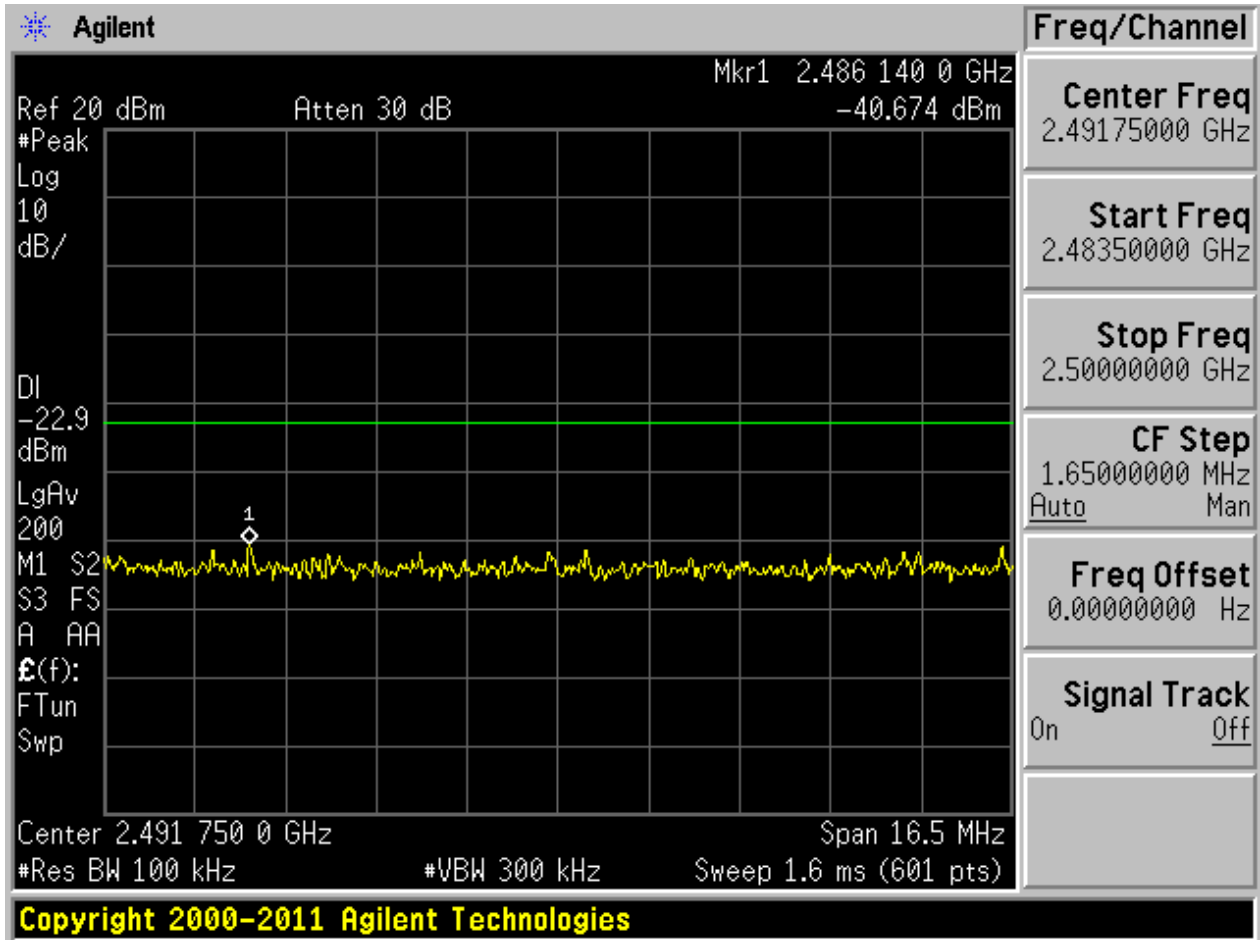
2.29.1.2 Puw

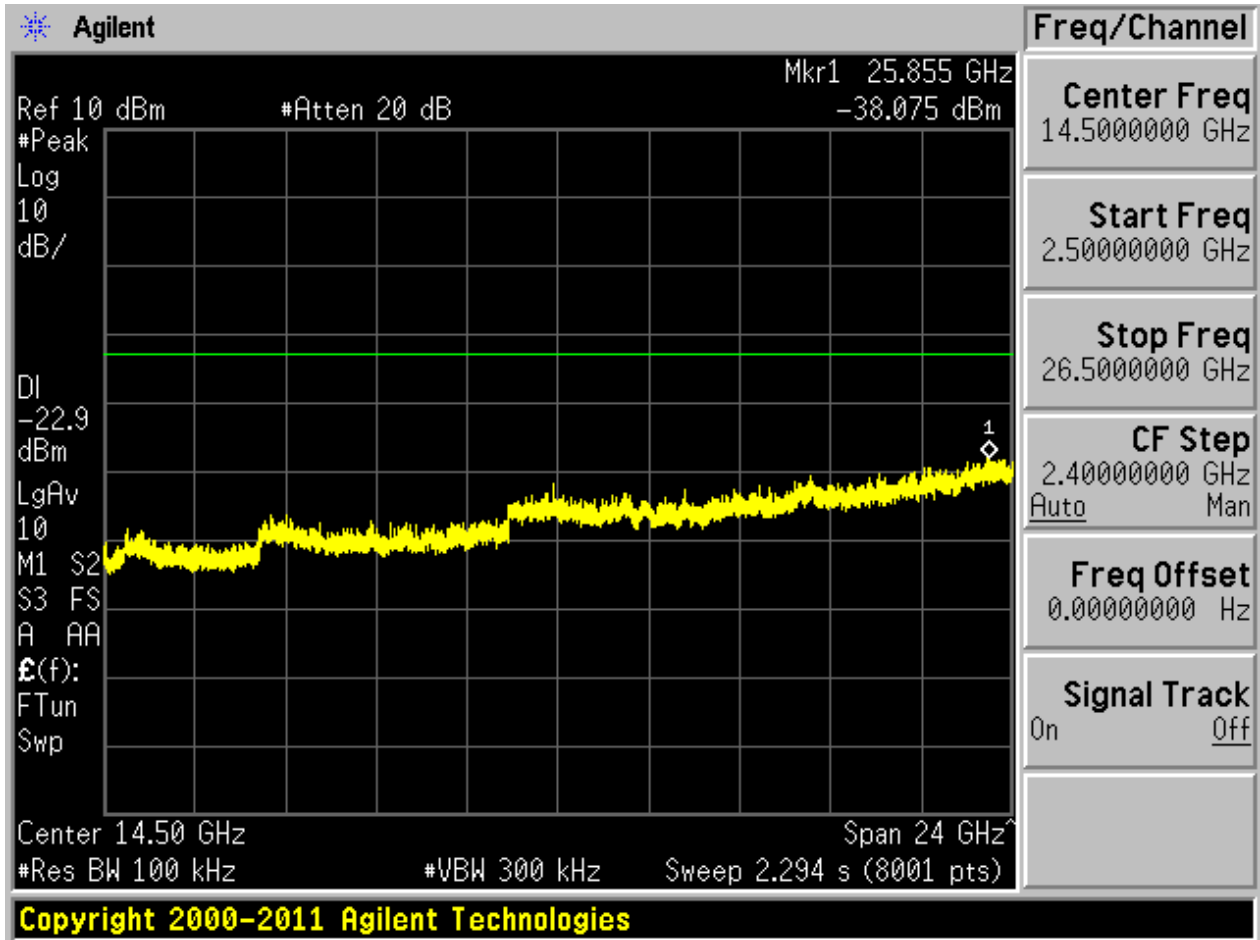






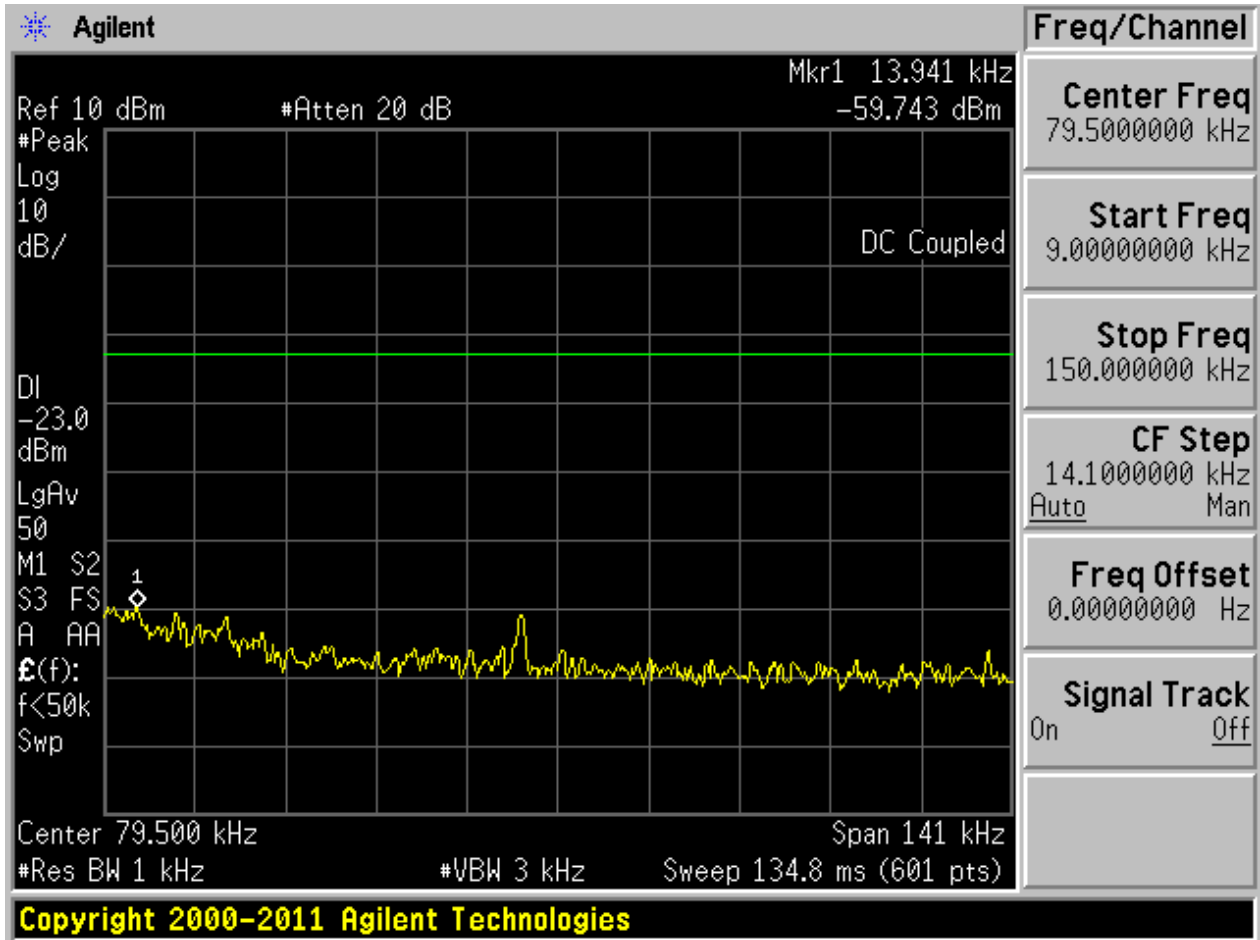


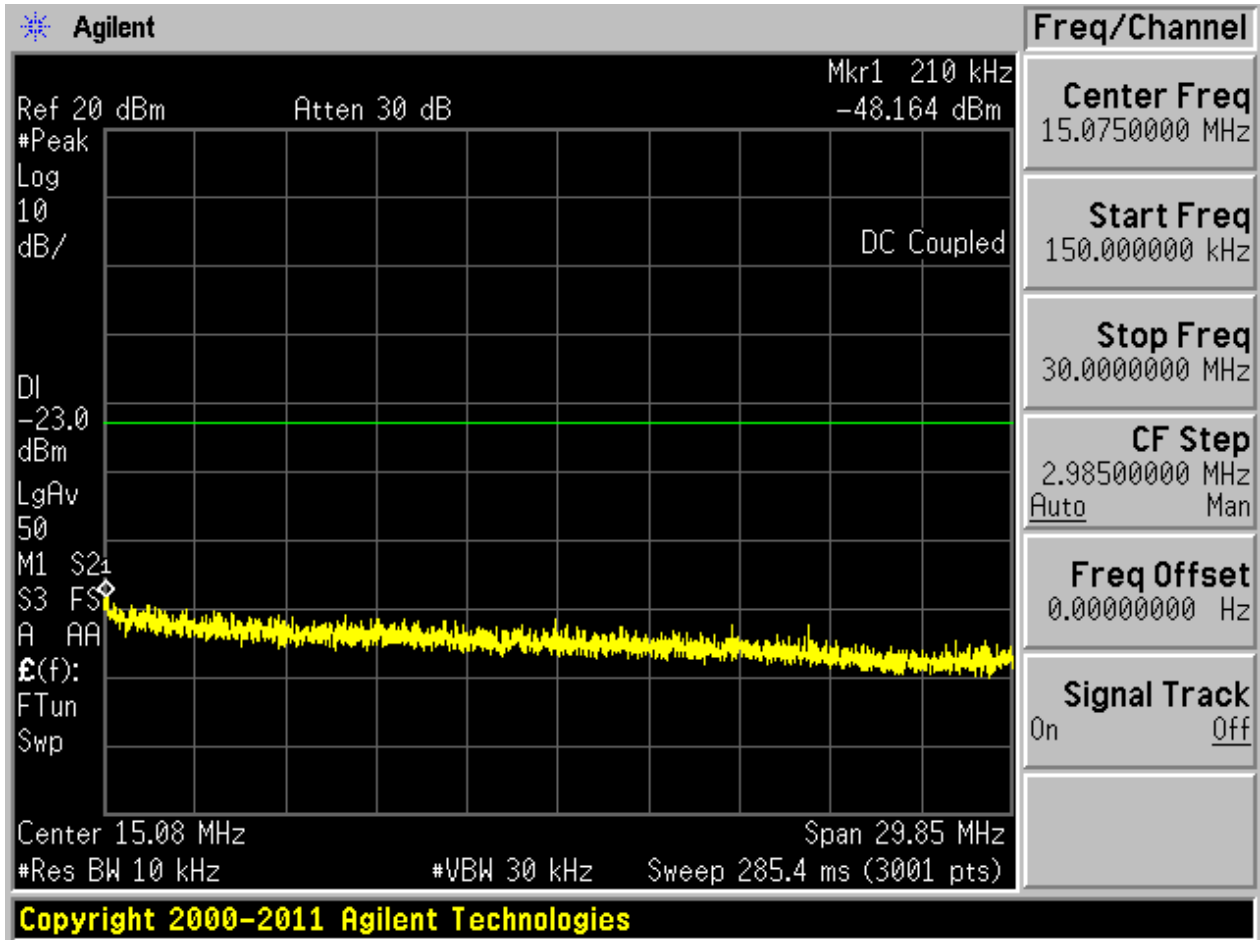


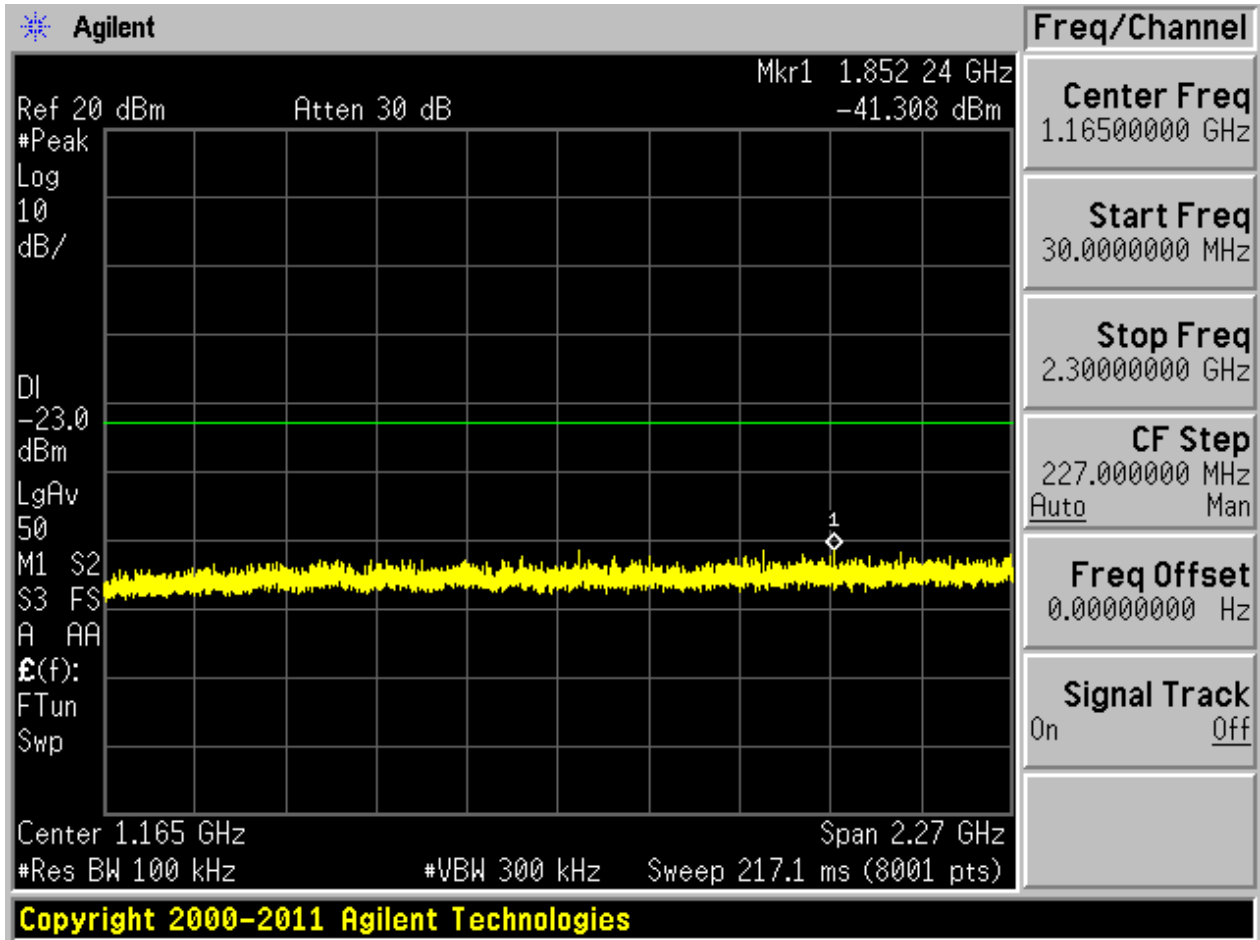


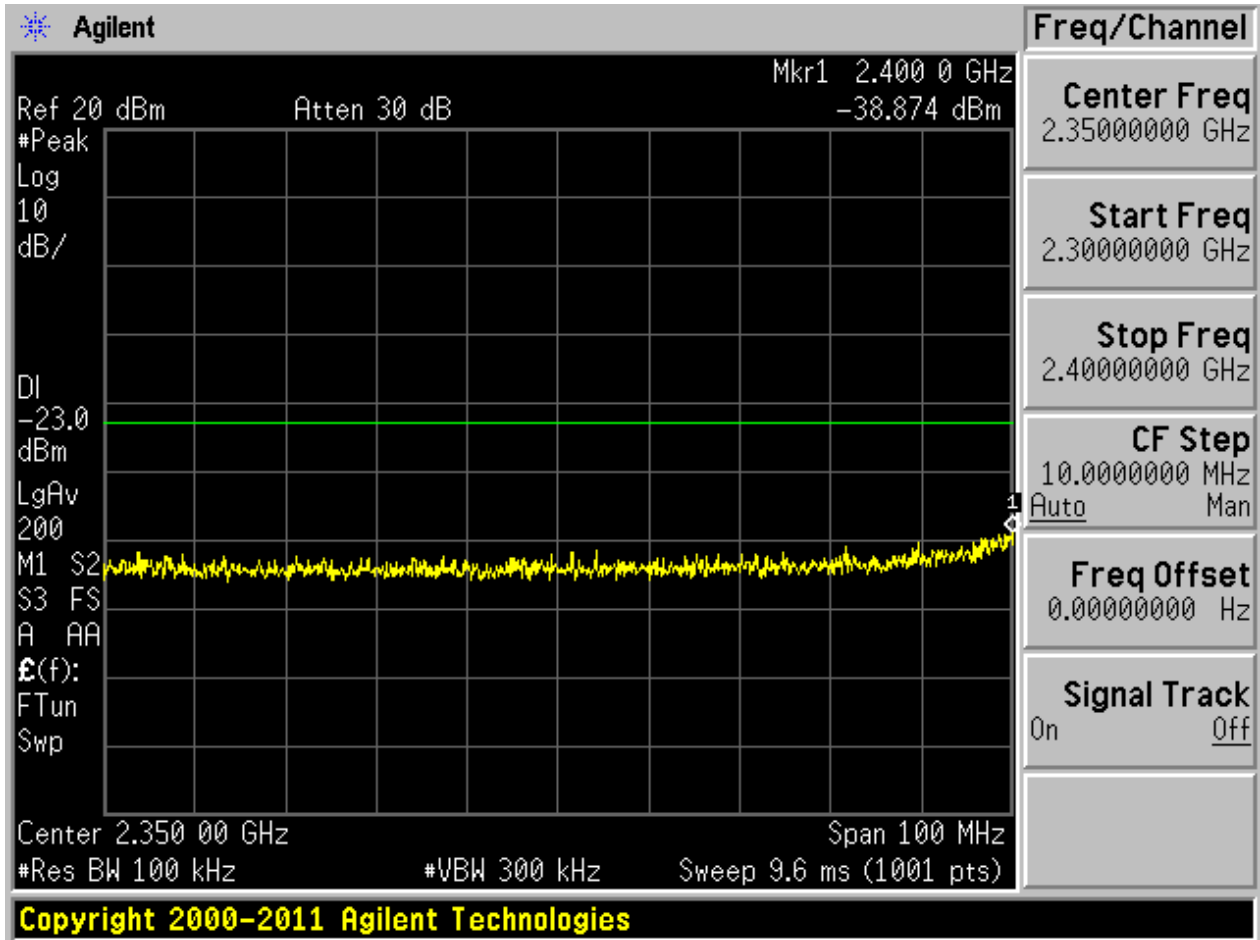
2.29.2 Ant 2

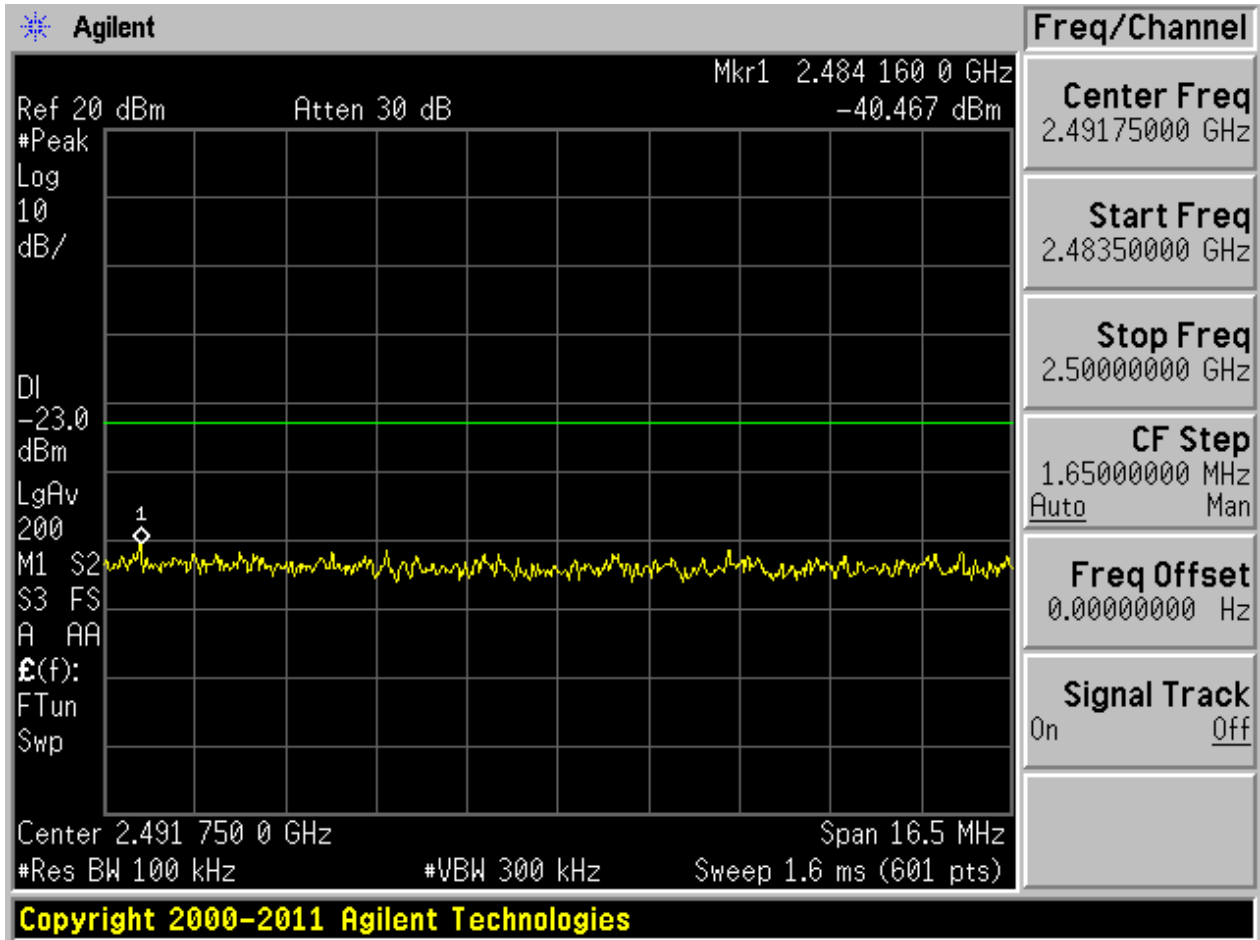
2.29.2.1 Pref

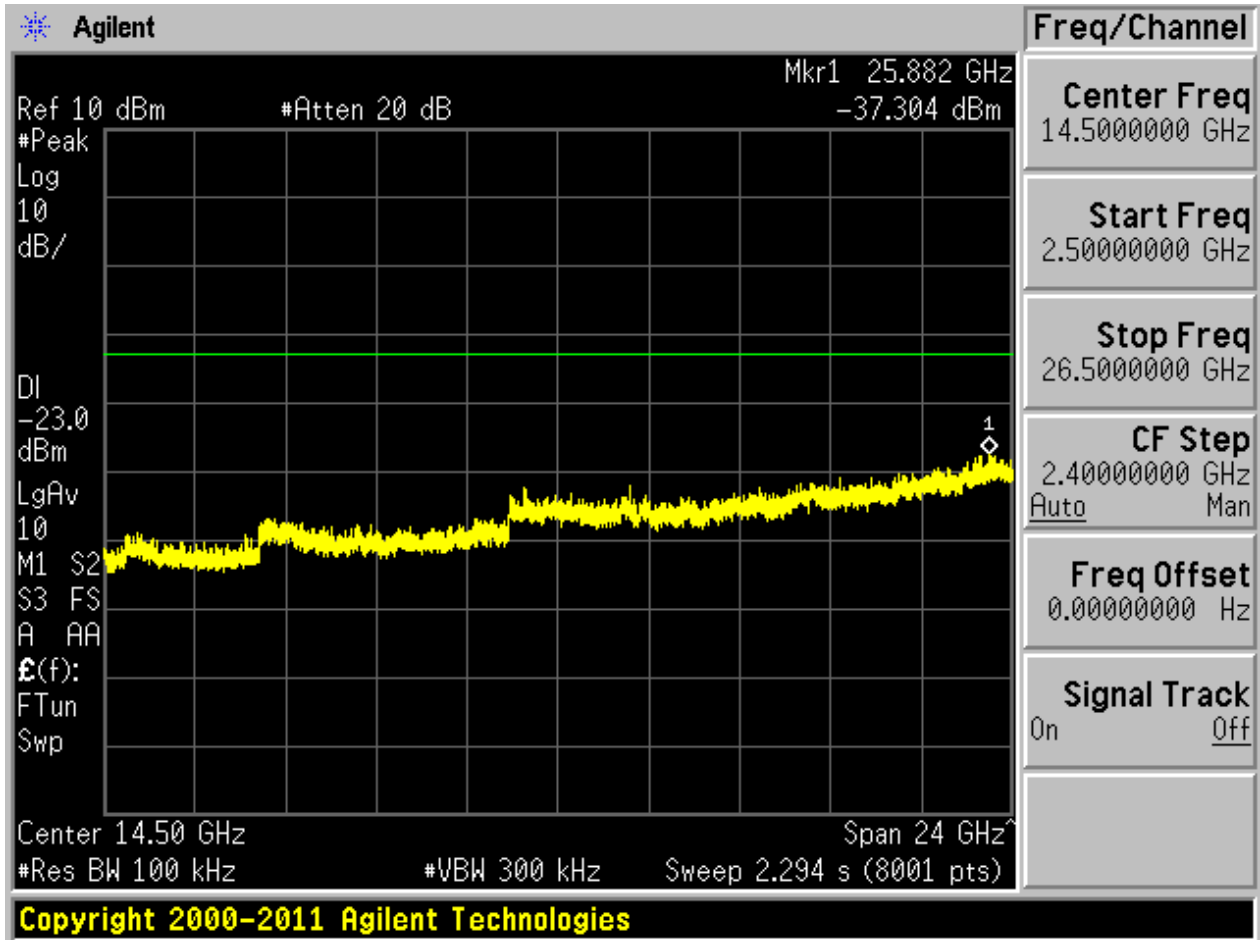








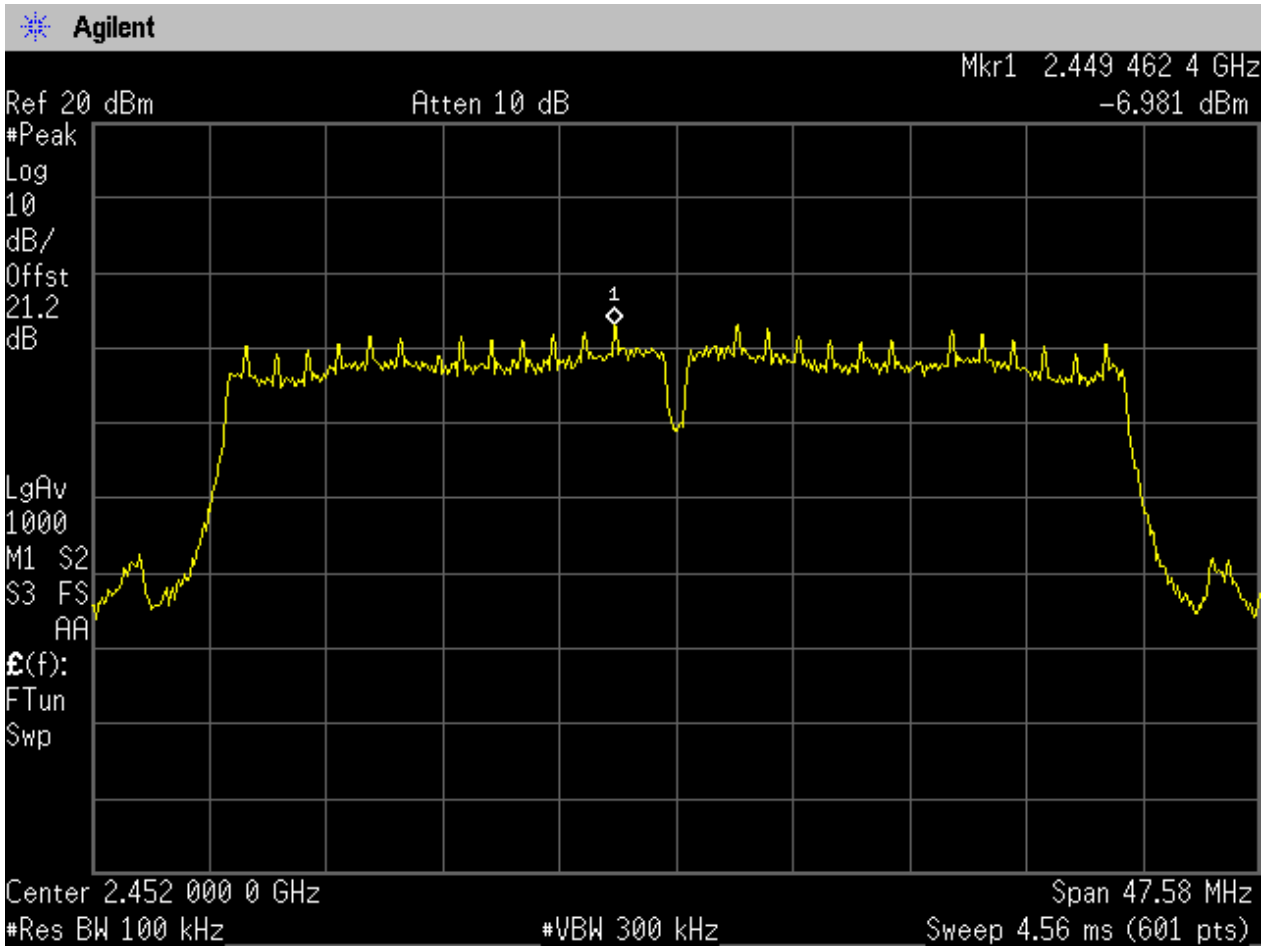




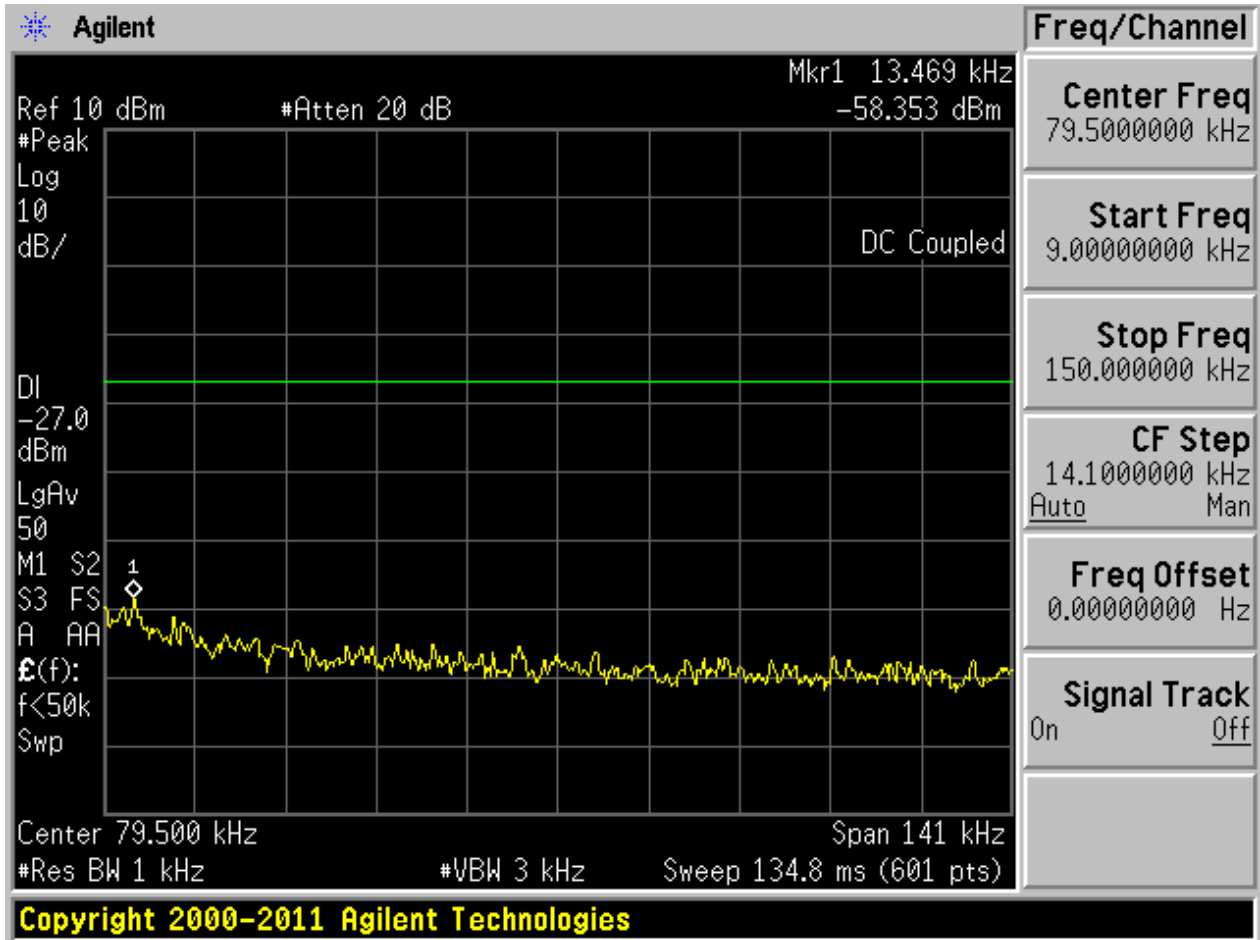
2.3011N40m/8_T@1+2

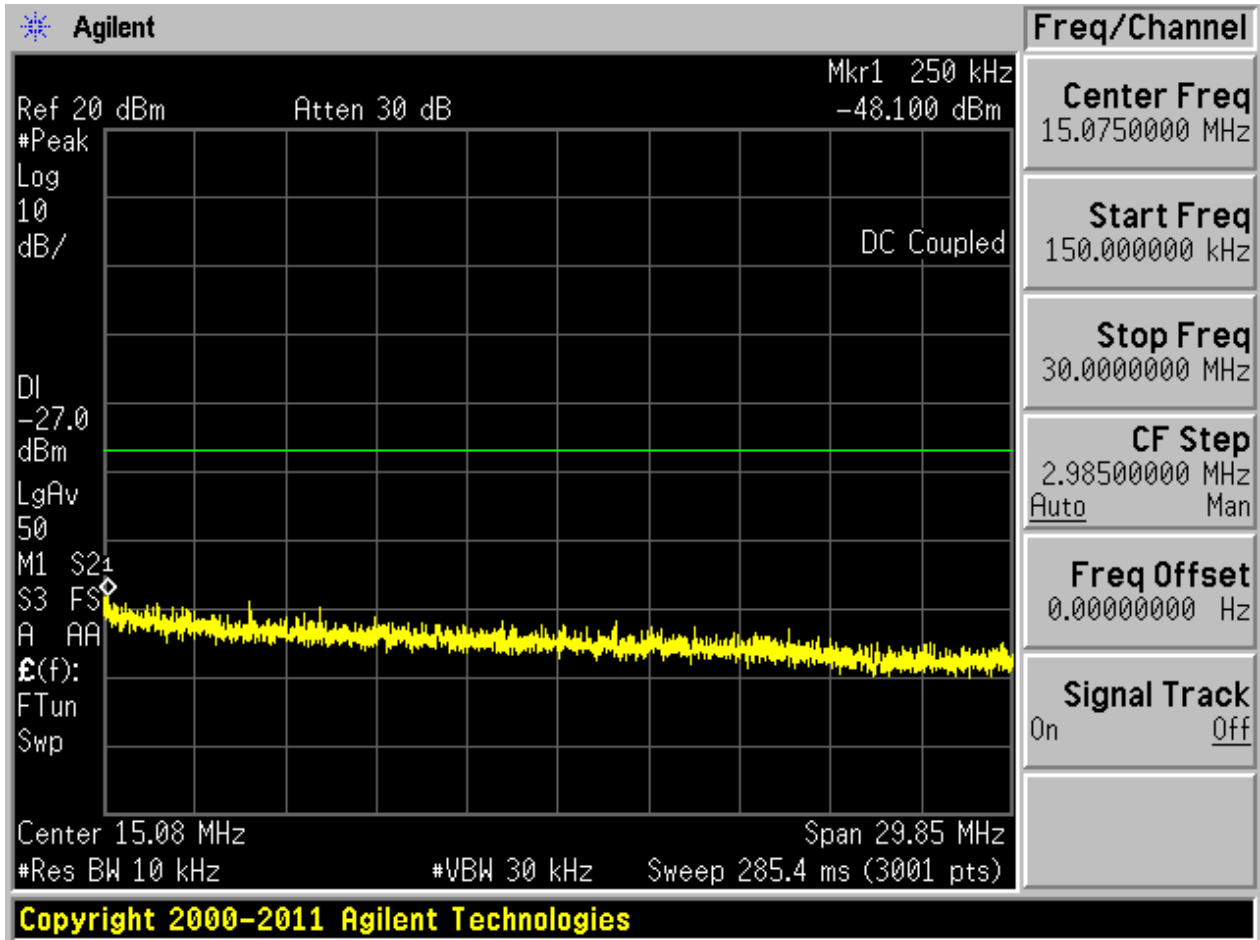
2.30.1 Ant 1

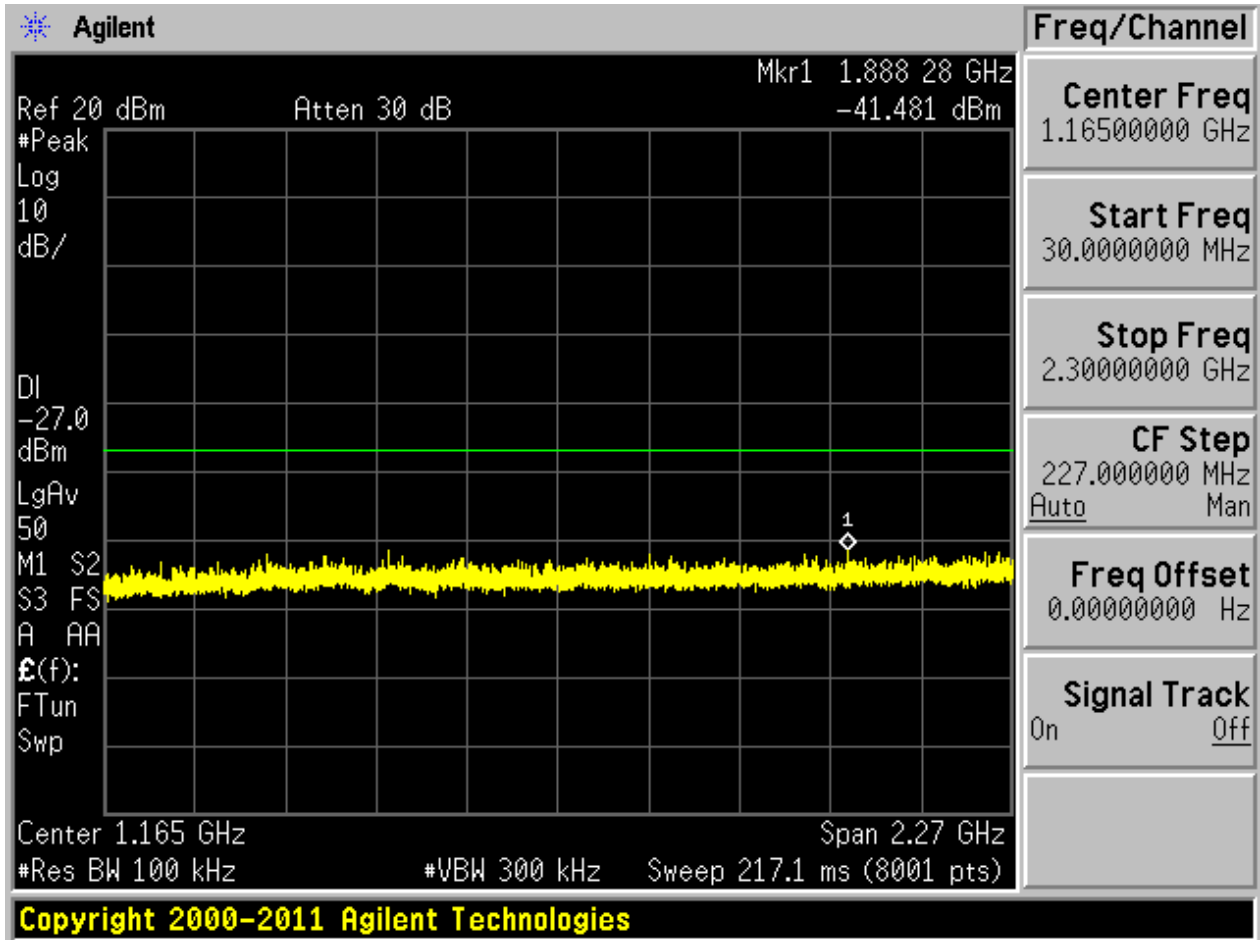
2.30.1.1 Pref

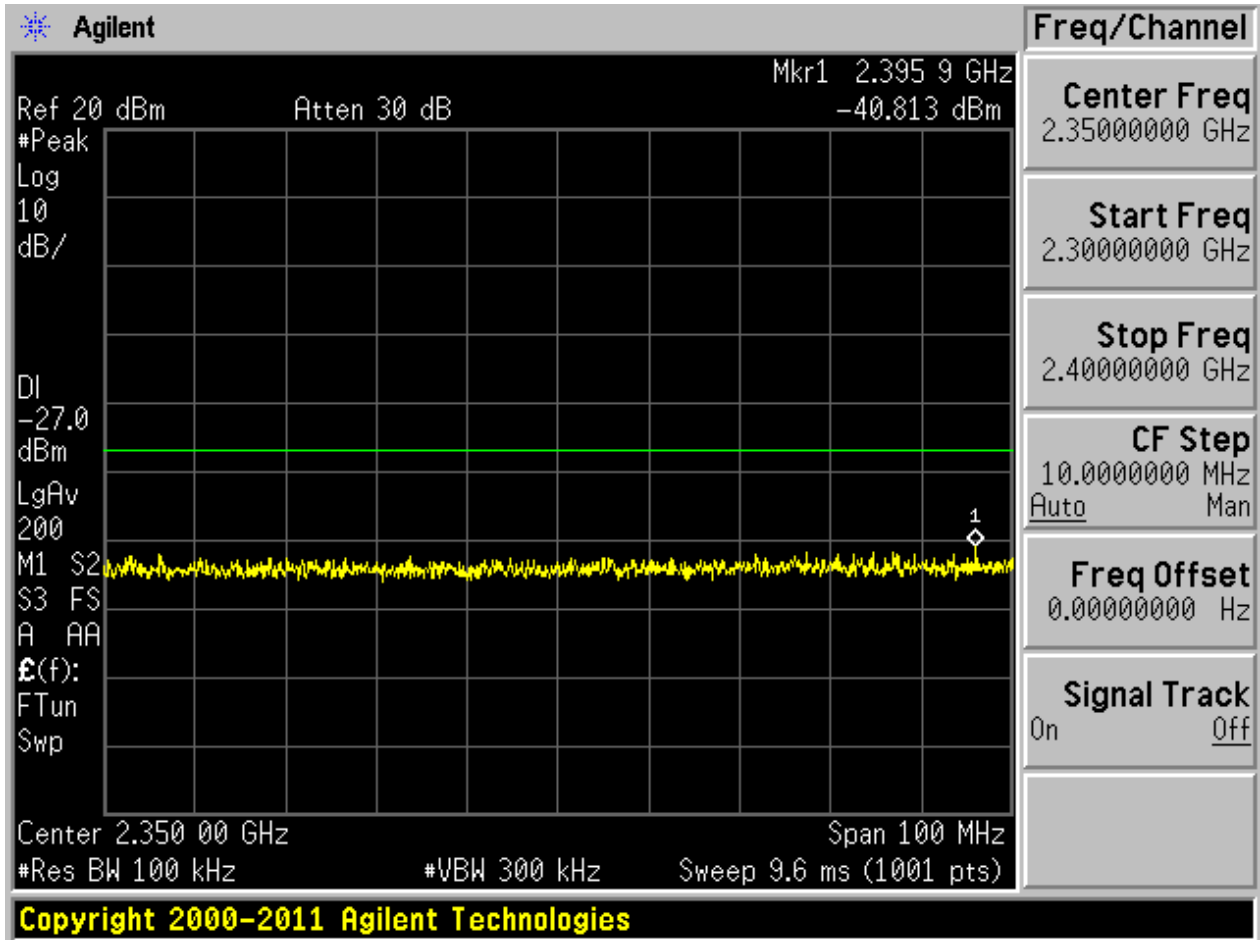


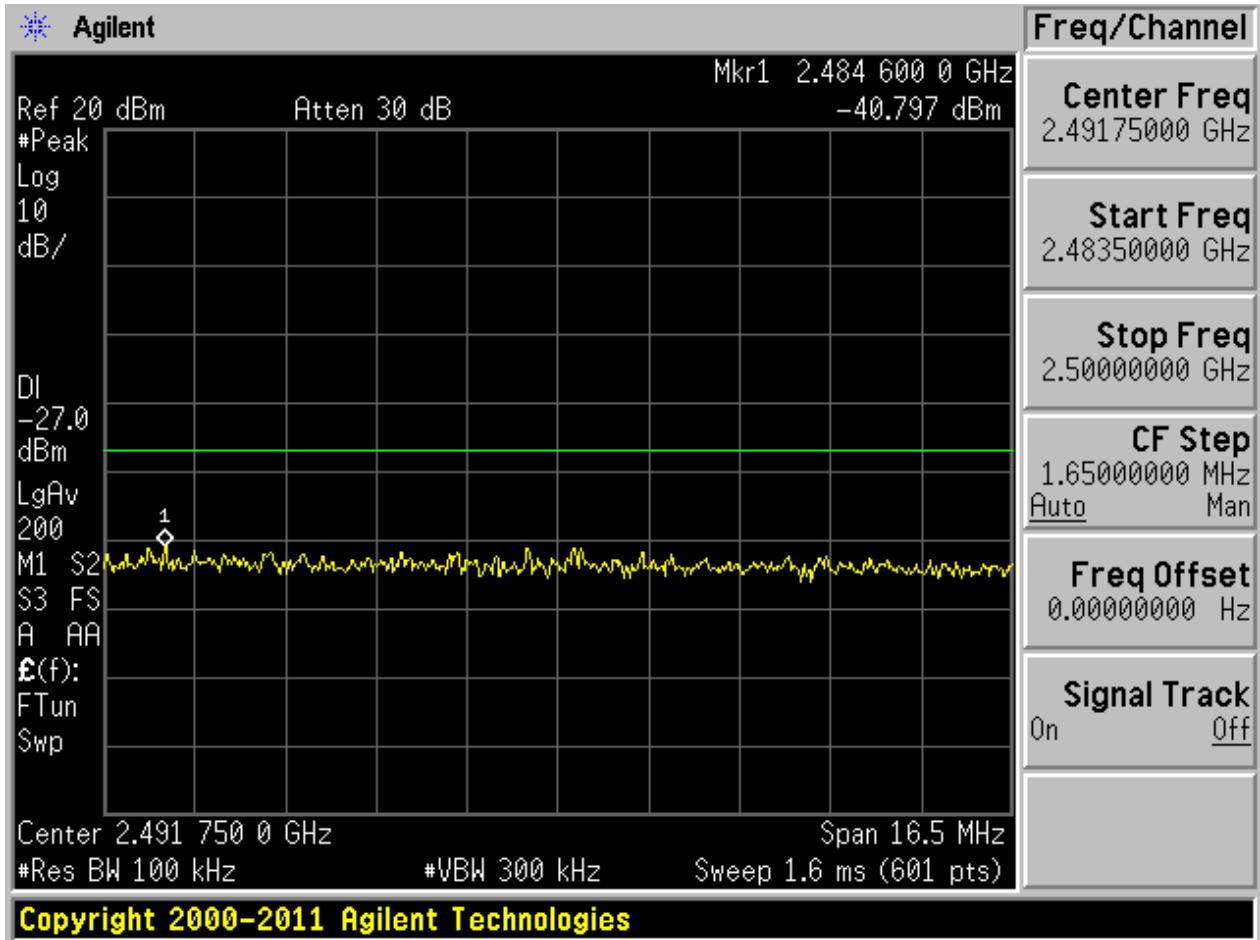
2.30.1.2 P_{uw}

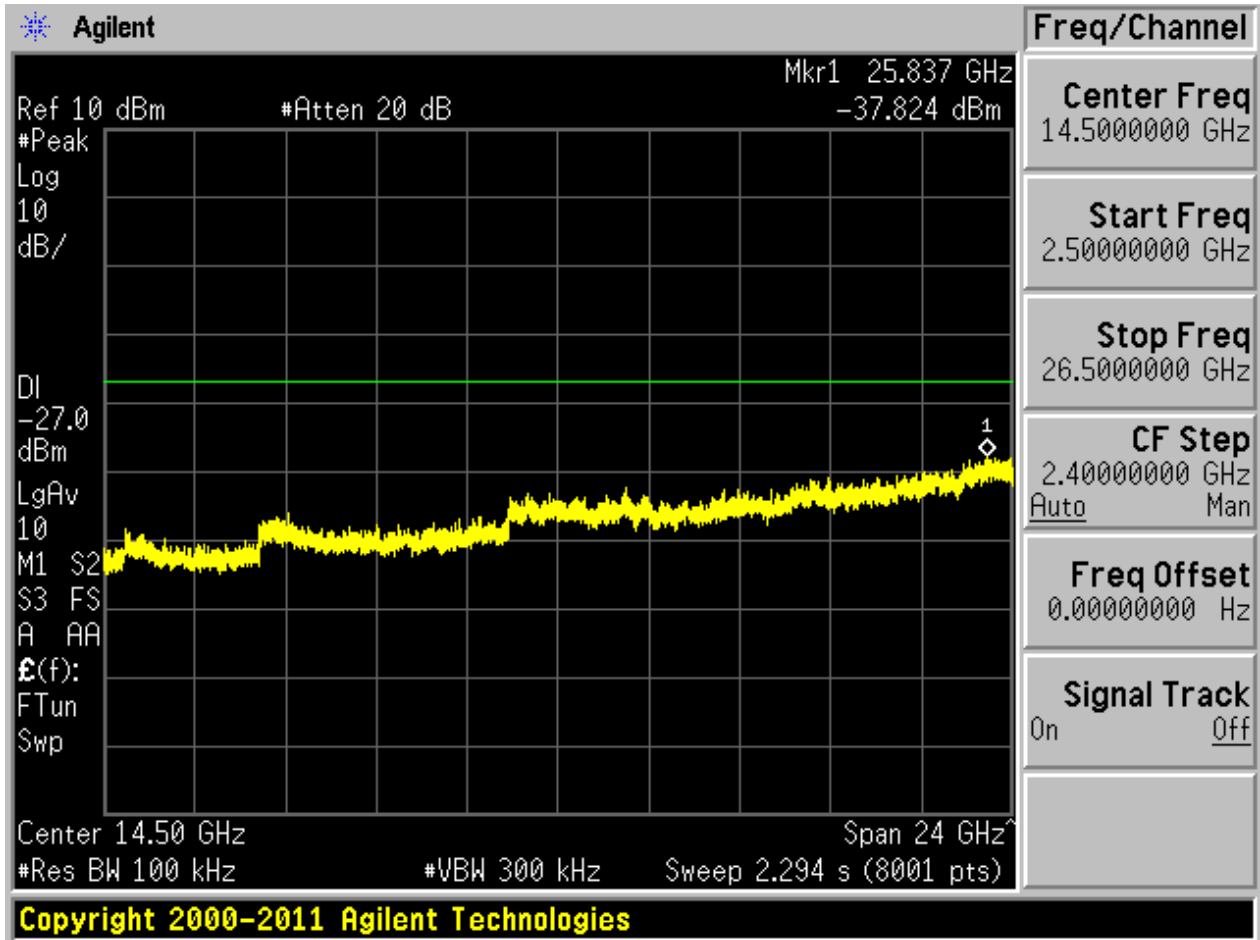












2.30.2 Ant 2

2.30.2.1 Pref

