Test Equipment

Name of Equipment	Model	Serial No.	Due Date
Spectrum Analyzer	FSIQ26	100009/027	2004-08-19
	E4440A(3Hz~26.5GHz)	MY41000236	2003-11-25
	E4440A(3Hz~26.5GHz)	MY41000233	2003-11-25
Signal Generator	SMIQ03B(300KHz~3.3GHz)	83824/021	2004-01-20
	SMR20(1GHz~20GHz)	835197/030	2004-01-20
Power Meter	E4419B	GB41293846	2003-11-26
Power Sensor	8481B(1mW~25W)	3318A10325	2003-09-26
	8485A(1uW~100mW)	3318A19924	2003-09-26
Amplifier	5S1G4(0.8~4.2GHz, 5W)	304866	2003-11-26
Pre-Amplifier	8449B(1~26.5GHz, 30dB)	3008A00691	2004-01-21
Communication test set	8960	GB42230535	2003-12-02
	8960	GB42360886	2004-01-09
Antenna Master	MA0001	ANT0967	Not Required
Controller	HD100	100/756	Not Required
Environmental Chamber	SH-241	92000548	2003-12-12
	PL-4S	13005454	2003-12-12
Horn Antenna	HF906(1GHz~18GHz)	360306/011	2004-02-10
	HF906(1GHz~18GHz)	100134	2004-03-31
Dipole Antenna	3121C-DB4	9007-587	2003-11-08
	3121C-DB4	9007-588	2004-03-21
Receive Antenna	HO040	353255/020	2004-04-08
Attenuator	8494A(0~11dB)	3308A31997	2004-01-20
	8496A(0~110dB)	3308A14426	2004-01-20
Directional Coupler	4278-311-2(0.1~1GHz)	B3679637	2004-01-22
	4278-111-2(1~2GHz)	B103DC8722	2004-01-22
High Pass Filter	WHK1.0/15G-10SS(1~15GHz)	1	Not Required
	WHV1.0/15G-10SS(1~15GHz)	1	Not Required
	WHK/3.5/18G-10SS(3.5~18GHz)	3	Not Required
	WHK/3.5/18G-10SS(3.5~18GHz)	4	Not Required
Shielded Semi-Anechoic Chamber	RF0002	ANT0001	2004-01-21

FCC ID : A3LSGHX426

Effective Radiated Power (E.R.P.)

Supply Voltage: 3.7 VDC

Modulation: GSM850

■ Reference level

Frequency (MHz)	Output (dBm)	Polarization	S/A (dBm)	P/M (dBm)	Ant gain (dBi)	Ref level (dBm)
836.60	33.00	H	-4.94	-5.12	0.00	-5.12
		V	-3.98	-4.16	0.00	-4.16

■ Result

Frequency (MHz)	From EUT Tested level (dBm)	POL (H/V)	Azimuth (angle)	ERP (dBm)	ERP (W)	Battery
824.20	-4.11	H2	177	34.01	2.518	Standard
836.60	-4.70	H2	177	33.42	2.198	Standard
848.80	-5.92	H2	176	32.20	1.660	Standard

Note : Standard batteries are the only battery options for this phone

FCC ID : A3LSGHX426

Equivalent Isotropic Radiated Power (E.I.R.P.)

Supply Voltage: 3.7 VDC

Modulation: PCS GSM

■ Reference level

Frequency (MHz)	Output (dBm)	Polarization	S/A (dBm)	Ant gain (dBi)	Ref level (dBm)
1880.00	27.00	H	-12.27	8.18	-20.45
		V	-12.30	8.18	-20.48

■ Result

Frequency (MHz)	From EUT Tested level (dBm)	POL (H/V)	Azimuth (angle)	EIRP (dBm)	EIRP (W)	Battery
1850.20	-16.94	H1	131	30.51	1.125	Standard
1880.00	-17.40	H1	120	30.05	1.012	Standard
1909.80	-17.44	H1	118	30.01	1.002	Standard

Note : Standard batteries are the only battery options for this phone

FCC ID : A3LSGHX426

Field Stength of SPURIOUS Radiation

Operating Frequency : 824.20MHz (Low), 836.60MHz (Middle), 848.80MHz (High)

Measured Output Power : 34.01 dBm = 2.518 W

Modulation Signal : GSM850

Limit : $43+10\log_{10}(W)$ = 47.01 dBc

■ Result

Channel	Harmonic	Frequency (MHz)	From EUT Tested level (dBm)	POL (H/V)	Result (dBc)
128	2	1648.40	-37.73	H2	63.88
	3	2472.60	-52.07	H2	71.33
	4	3296.80	-58.53	H2	74.47
	5	4121.00	-59.09	V	71.62
	6	4945.20	-71.84	H1	82.77
	7	5769.40	-	-	-
	8	6593.60	-	-	-
190	2	1673.20	-41.55	V	65.95
	3	2509.80	-57.63	H2	76.01
	4	3346.40	-61.79	H1	77.93
	5	4183.00	-60.11	V	72.78
	6	5019.60	-71.86	H2	82.78
	7	5856.20	-	-	-
	8	6692.80	-	_	-
251	2	1697.60	-43.97	H1	68.25
	3	2546.40	-56.24	V	75.09
	4	3395.20	-61.23	H2	77.59
	5	4244.00	-56.21	H2	68.60
	6	5092.80	-72.46	H2	82.82
	7	5941.60	-	-	-
	8	6790.40	-	-	-

FCC ID : A3LSGHX426

Field Stength of SPURIOUS Radiation

Operating Frequency : 1850.2 MHz

Measured Output Power : 30.51 dBm = 1.125 W

Modulation Signal : PCS GSM

Limit : $43+10\log_{10}(W)$ = 43.51 dBc

■ Result

Channel	Harmonic	Frequency (MHz)	From EUT Tested level (dBm)	POL (H/V)	Result (dBc)
512	2	3700.40	-51.20	H2	58.75
	3	5550.60	-64.66	V	67.31
	4	7400.80	-70.33	V	69.73
	5	9251.00	-	-	-
	6	11101.20	-	-	-
	7	12951.40	-	-	-
	8	14801.60	-	-	-
661	2	3760.00	-52.61	H2	59.78
	3	5640.00	-59.30	H2	61.97
	4	7520.00	-76.22	V	75.82
	5	9400.00	-	-	-
	6	11280.00	-	-	-
	7	13160.00	-	-	-
	8	15040.00	-	-	-
810	2	3819.60	-53.24	H2	60.75
	3	5729.40	-58.42	V	61.03
	4	7639.20	-77.17	H1	75.84
	5	9549.00	-	-	-
	6	11458.80	-	-	-
	7	13368.60	-	-	-
	8	15278.40	-	-	-

Radiated Spurious & Harmonic Conversion Table

Date ; 2003 . 09 . 01 . ~ 09 . 03 .

Test Engineer : E.H. Jung

① Tx Cable loss
② Tx Horn Ant Gain
③ Rx Cable loss + HPF Insertion loss + Attenuator
④ Pre-Amp gain
⑤ Air loss
⑥ Tested Level from EUT
⑦ = ⑥ + ⑤ + ③ - ④
⑧ = ERP+2.14 - ⑦

FCC ID : A3LSGHX426 Mode : GSM850 ERP : 34.01

CH	Har	Frequency (MHz)	① Tx CL (dB)	② Horn Gain (dB)	Tx Level @ (S/G 0dBm)	⑥ Tested Level EUT : H (dBm)	⑥ Tested Level EUT : V (dBm)	⑦ Amplitude of Emission EUT : H (dBm)	⑦ Amplitude of Emission EUT : V (dBm)	⑧ Result EUT : H (dBc)	⑧ Result EUT : V (dBc)
128	2	1648.40	7.11	7.21	0.10	-37.73	-39.14	-27.73	-27.89	63.88	64.04
	3	2472.60	8.95	8.87	-0.08	-52.07	-56.24	-35.18	-38.89	71.33	75.04
	4	3296.80	10.50	8.43	-2.07	-58.53	-61.75	-38.32	-41.72	74.47	77.87
	5	4121.00	11.66	9.89	-1.77	-59.34	-59.09	-36.25	-35.47	72.40	71.62
	6	4945.20	13.00	10.33	-2.67	-71.84	-73.03	-46.62	-47.82	82.77	83.97
	7	5769.40	13.98	10.86	-3.12	-	-	-	-	-	-
190	2	1673.20	7.18	7.21	0.03	-40.68	-41.55	-29.98	-29.80	66.13	65.95
	3	2509.80	9.06	8.87	-0.19	-57.63	-58.99	-39.86	-40.89	76.01	77.04
	4	3346.40	10.48	8.43	-2.05	-61.79	-63.05	-41.78	-42.76	77.93	78.91
	5	4183.00	11.74	10.20	-1.54	-60.09	-60.11	-36.67	-36.63	72.82	72.78
	6	5019.60	13.29	10.34	-2.95	-71.86	-73.04	-46.63	-47.45	82.78	83.60
	7	5856.20	14.15	10.86	-3.29	-	-	-	-	-	-
251	2	1697.60	7.22	7.21	-0.01	-43.97	-45.53	-32.10	-32.54	68.25	68.69
	3	2546.40	9.13	8.87	-0.26	-57.73	-56.24	-40.87	-38.94	77.02	75.09
	4	3395.20	10.50	8.54	-1.96	-61.23	-62.93	-41.44	-43.68	77.59	79.83
	5	4244.00	11.67	10.20	-1.47	-56.21	-59.05	-32.45	-34.83	68.60	70.98
	6	5092.80	13.38	10.39	-2.99	-72.46	-73.44	-46.67	-47.87	82.82	84.02
	7	5941.60	14.35	10.86	-3.49	-	-	-	-	-	-

Radiated Spurious & Harmonic Conversion Table

FCC ID : A3LSGHX426 Mode : GSM1900 EIRP : 30.51

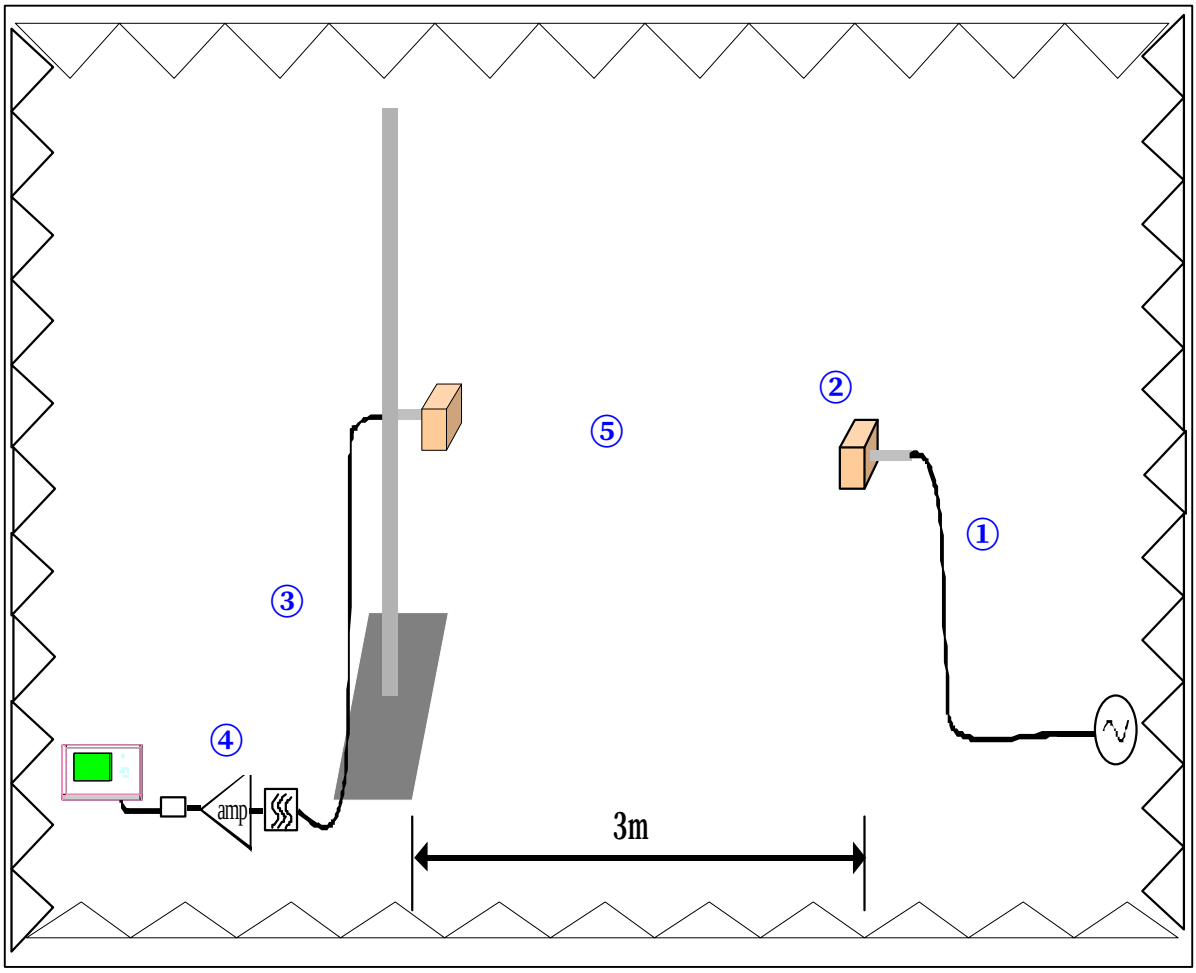
Date : 2003 . 09 . 01. ~ 09 . 03 .

Test Engineer : E.H. Jung

① Tx Cable loss
② Tx Horn Ant Gain
③ Rx Cable loss + HPF Insertion loss + Attenuator
④ Pre-Amp gain
⑤ Air loss
⑥ Tested Level from EUT
⑦ = ⑥ + ⑤ + ③ - ④
⑧ = EIRP - ⑦

CH	Har	Frequency (MHz)	① Tx CL (dB)	② Horn Gain (dB)	Tx Level @ (S/G 10dBm)	⑥ Tested Level EUT : H (dBm)	⑥ Tested Level EUT : V (dBm)	⑦ Amplitude of Emission EUT : H (dBm)	⑦ Amplitude of Emission EUT : V (dBm)	⑧ Result EUT : H (dBc)	⑧ Result EUT : V (dBc)
512	2	3700.40	11.14	8.87	7.73	-51.20	-53.63	-28.24	-30.49	58.75	61.00
	3	5550.60	13.91	10.60	6.69	-64.90	-64.66	-36.85	-36.80	67.36	67.31
	4	7400.80	16.68	10.83	4.15	-77.05	-70.33	-44.78	-39.22	75.29	69.73
	5	9251.00	19.37	11.56	2.19	-	-	-	-	-	-
	6	11101.20	22.51	12.79	0.28	-	-	-	-	-	-
	7	12951.40	22.99	12.66	-0.33	-	-	-	-	-	-
	8	14801.60	24.52	12.69	-1.83	-	-	-	-	-	-
661	2	3760.00	11.13	8.98	7.85	-52.61	-54.14	-29.27	-30.71	59.78	61.22
	3	5640.00	14.10	10.60	6.50	-59.30	-60.61	-31.46	-33.02	61.97	63.53
	4	7520.00	17.05	10.83	3.78	-77.73	-76.23	-45.86	-45.31	76.37	75.82
	5	9400.00	19.61	11.60	1.99	-	-	-	-	-	-
	6	11280.00	22.92	12.93	0.01	-	-	-	-	-	-
	7	13160.00	23.62	12.64	-0.98	-	-	-	-	-	-
	8	15040.00	25.04	12.70	-2.34	-	-	-	-	-	-
810	2	3819.60	11.28	8.98	7.70	-53.24	-56.09	-30.24	-32.50	60.75	63.01
	3	5729.40	14.12	10.73	6.61	-58.51	-58.42	-31.14	-30.52	61.65	61.03
	4	7639.20	17.47	10.87	3.40	-77.17	-77.26	-45.33	-46.15	75.84	76.66
	5	9549.00	19.92	11.67	1.75	-	-	-	-	-	-
	6	11458.80	21.77	12.90	1.13	-	-	-	-	-	-
	7	13368.60	23.26	12.65	-0.61	-	-	-	-	-	-
	8	15278.40	25.17	12.73	-2.44	-	-	-	-	-	-

Radiated Spurious & Harmonic Configuration for Calibration



① Tx Cable loss
② Horn Ant Gain
③ Rx Cable loss + HPF Insertion loss + Attenuator
④ Pre-Amp gain
⑤ Air loss

FCC ID : A3LSGHX426

Frequency Stability (GSM850)

Operating Frequency : 836,600,000 Hz

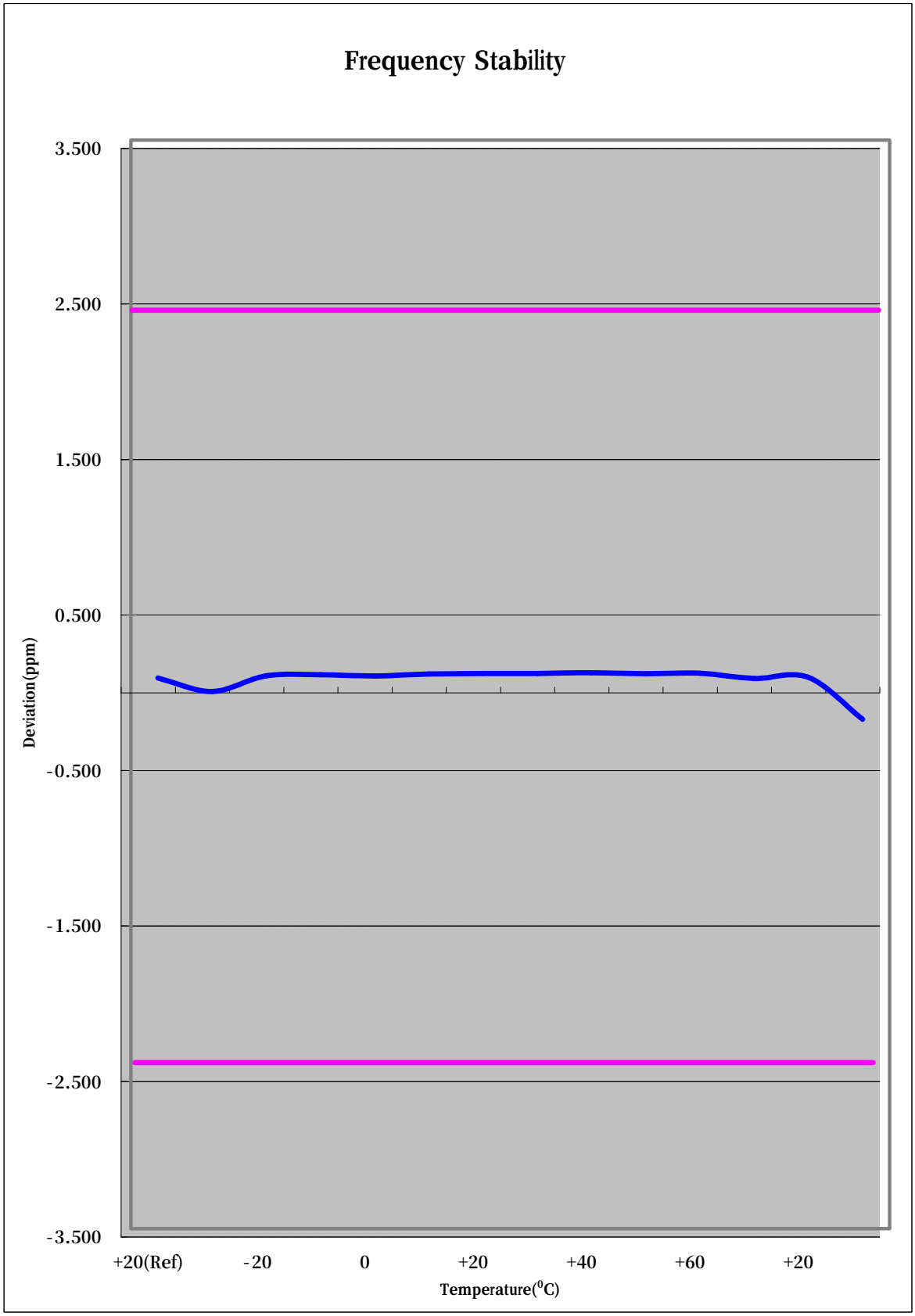
Channel : 190

Reference voltage : 3.7VDC

Deviation Limit : ±0.00025 % or 2.5ppm

Voltage (%)	Power (V dc)	TEMP (OC)	Frequency error (Hz)	Frequency (Hz)	Deviation (%)	ppm
100%	3.70	+20(Ref)	35.00	836,600,035	0.000004	0.042
100%		-30	-38.00	836,599,962	-0.000005	-0.045
100%		-20	47.00	836,600,047	0.000006	0.056
100%		-10	52.00	836,600,052	0.000006	0.062
100%		0	45.00	836,600,045	0.000005	0.054
100%		+10	56.00	836,600,056	0.000007	0.067
100%		+20	58.00	836,600,058	0.000007	0.069
100%		+30	59.00	836,600,059	0.000007	0.071
100%		+40	62.00	836,600,062	0.000007	0.074
100%		+50	57.00	836,600,057	0.000007	0.068
100%		+60	60.00	836,600,060	0.000007	0.072
85%	3.15	+20	32.00	836,600,032	0.000004	0.038
115%	4.26	+20	39.00	836,600,039	0.000005	0.047
Batt. Endpoint	3.08	+20	-188.00	836,599,812	-0.000022	-0.225

Note : The temperature is varied from -30°C to +60°C using an environmental chamber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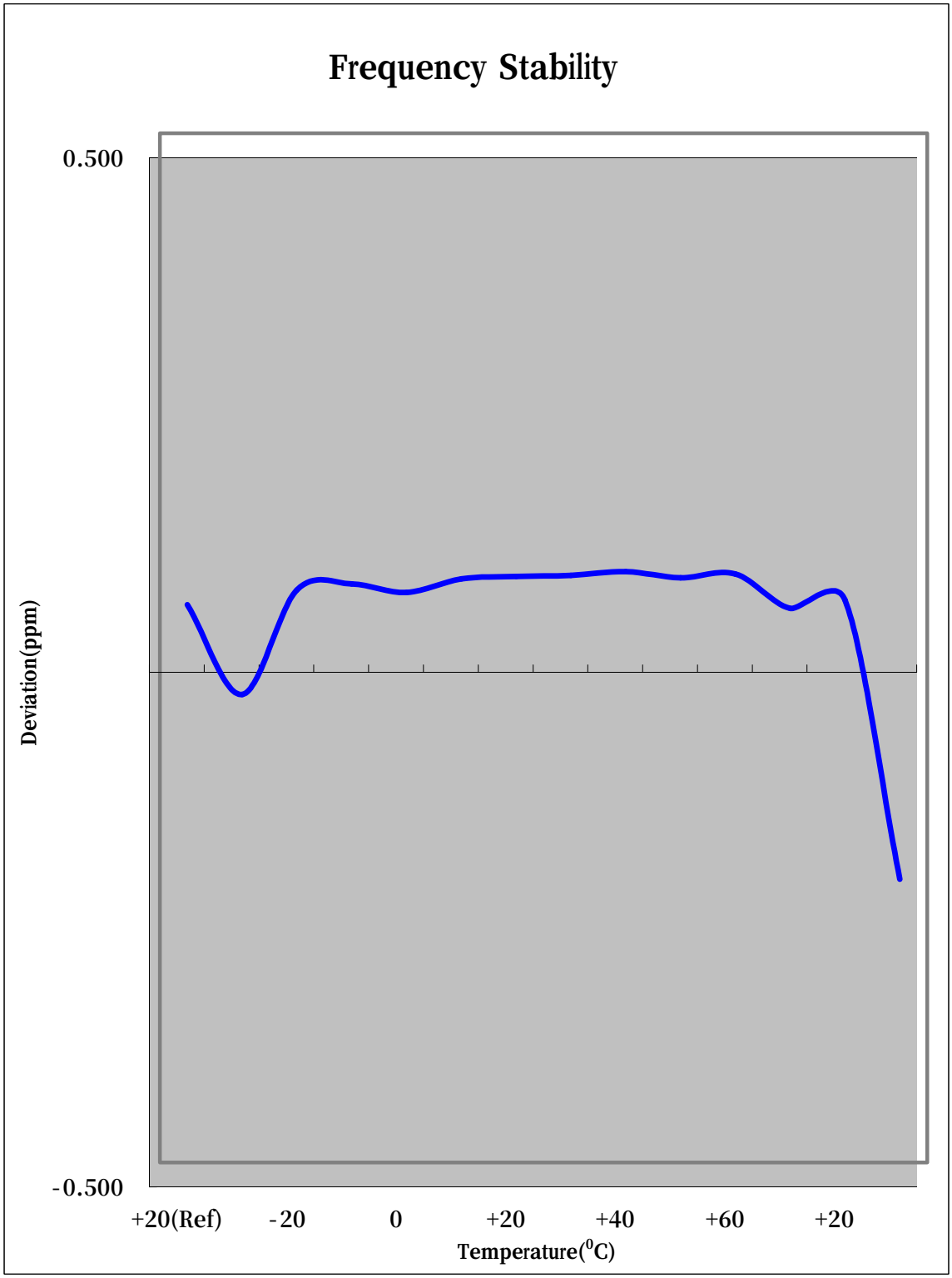
2.500
1.500
0.500
-0.500
-1.500
-2.500
-3.500
Deviation(ppm)
+20(Ref)
-20
0
+20
+40
+60
+20
Temperature(0C)

Zoom In


Frequency Stability
0.500
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Deviation(ppm)
+20(Ref)
-20
0
+20
+40
+60
+20
Temperature(0C)

FCC ID : A3LSGHX426

Frequency Stability (PCS GSM)

Operating Frequency : 1,880,000,000 Hz

Channel : 661

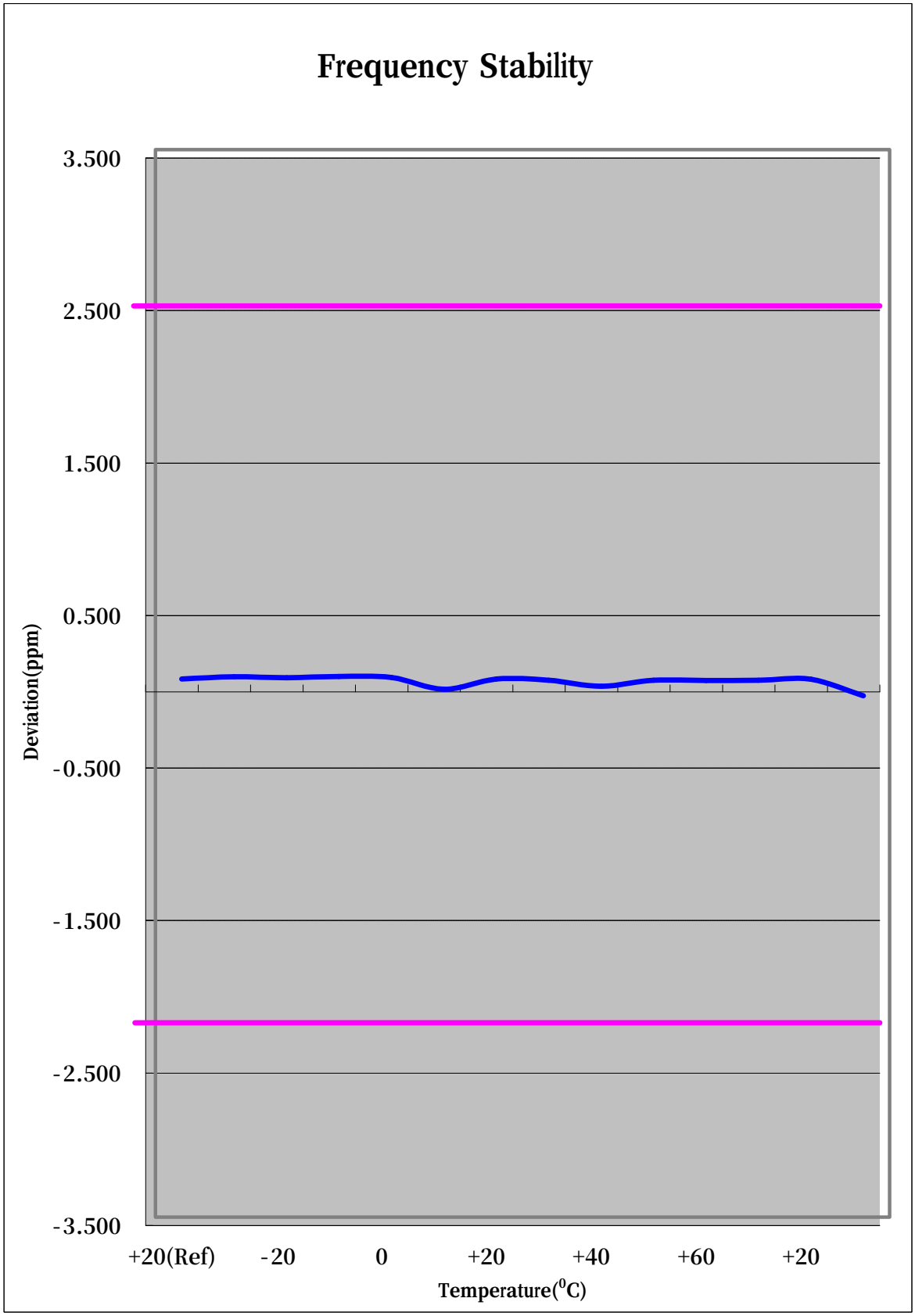
Reference voltage : 3.7VDC

Deviation Limit : ±0.00025 % or 2.5ppm

Voltage (%)	Power (V dc)	TEMP (OC)	Frequency error (Hz)	Frequency (Hz)	Deviation (%)	ppm
100%	3.70	+20(Ref)	55	1,880,000,055	0.000003	0.029
100%		-30	82	1,880,000,082	0.000004	0.044
100%		-20	69	1,880,000,069	0.000004	0.037
100%		-10	85	1,880,000,085	0.000005	0.045
100%		0	74	1,880,000,074	0.000004	0.039
100%		+10	-73	1,879,999,927	-0.000004	-0.039
100%		+20	55	1,880,000,055	0.000003	0.029
100%		+30	40	1,880,000,040	0.000002	0.021
100%		+40	-34	1,879,999,966	-0.000002	-0.018
100%		+50	38	1,880,000,038	0.000002	0.020
100%		+60	35	1,880,000,035	0.000002	0.019
85%	3.15	+20	38	1,880,000,038	0.000002	0.020
115%	4.26	+20	52	1,880,000,052	0.000003	0.028
Batt. Endpoint	3.08	+20	-152	1,879,999,848	-0.000008	-0.081

Note : The temperature is varied from -30°C to +60°C using an environmental chamber

The EUT is tested down to the battery end point.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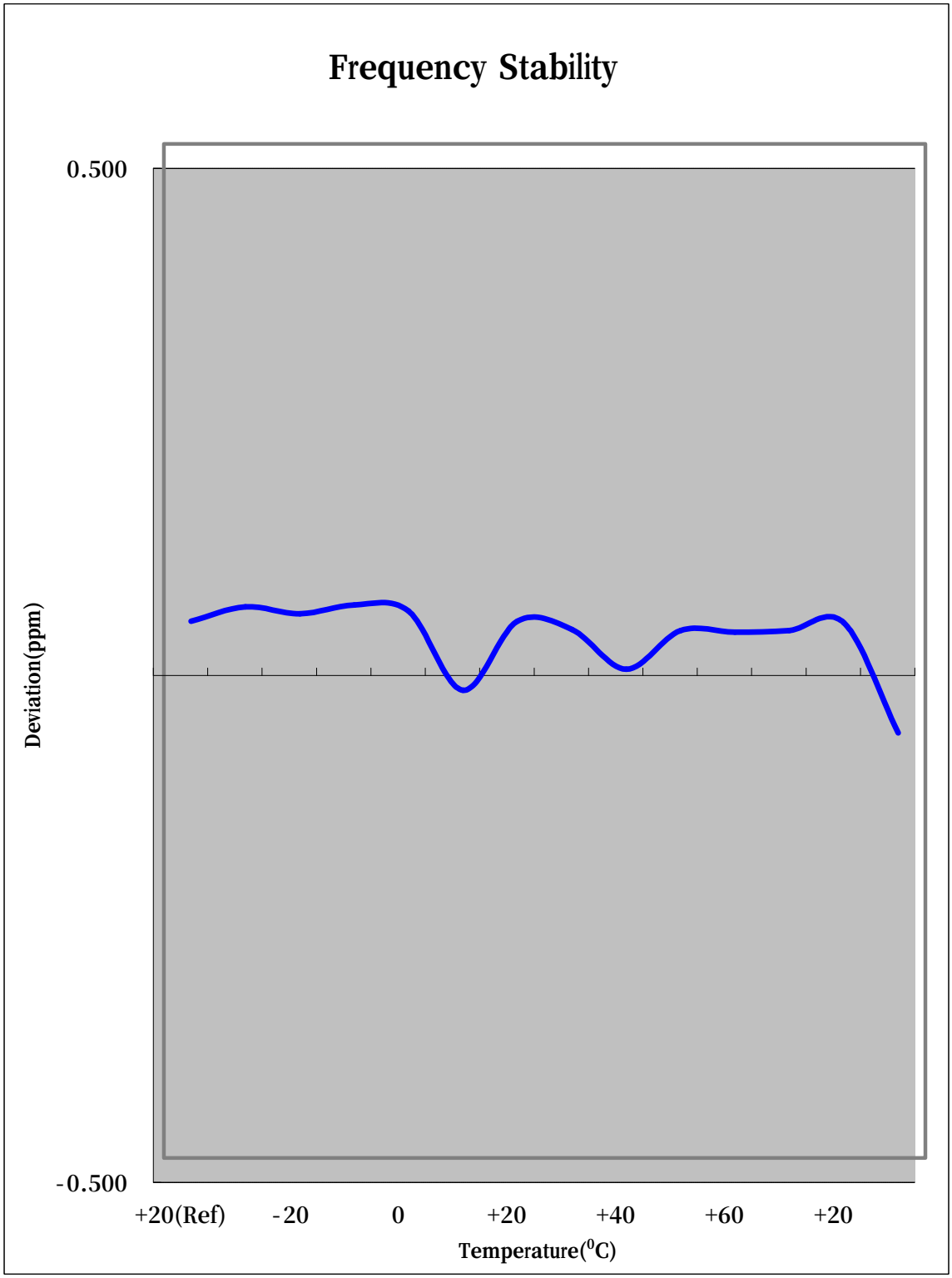
1.500
0.500
-0.500
-1.500
-2.500
-3.500
Deviation(ppm)
+20(Ref)
-20
0
+20
+40
+60
+20
Temperature(0C)

Zoom In


Frequency Stability
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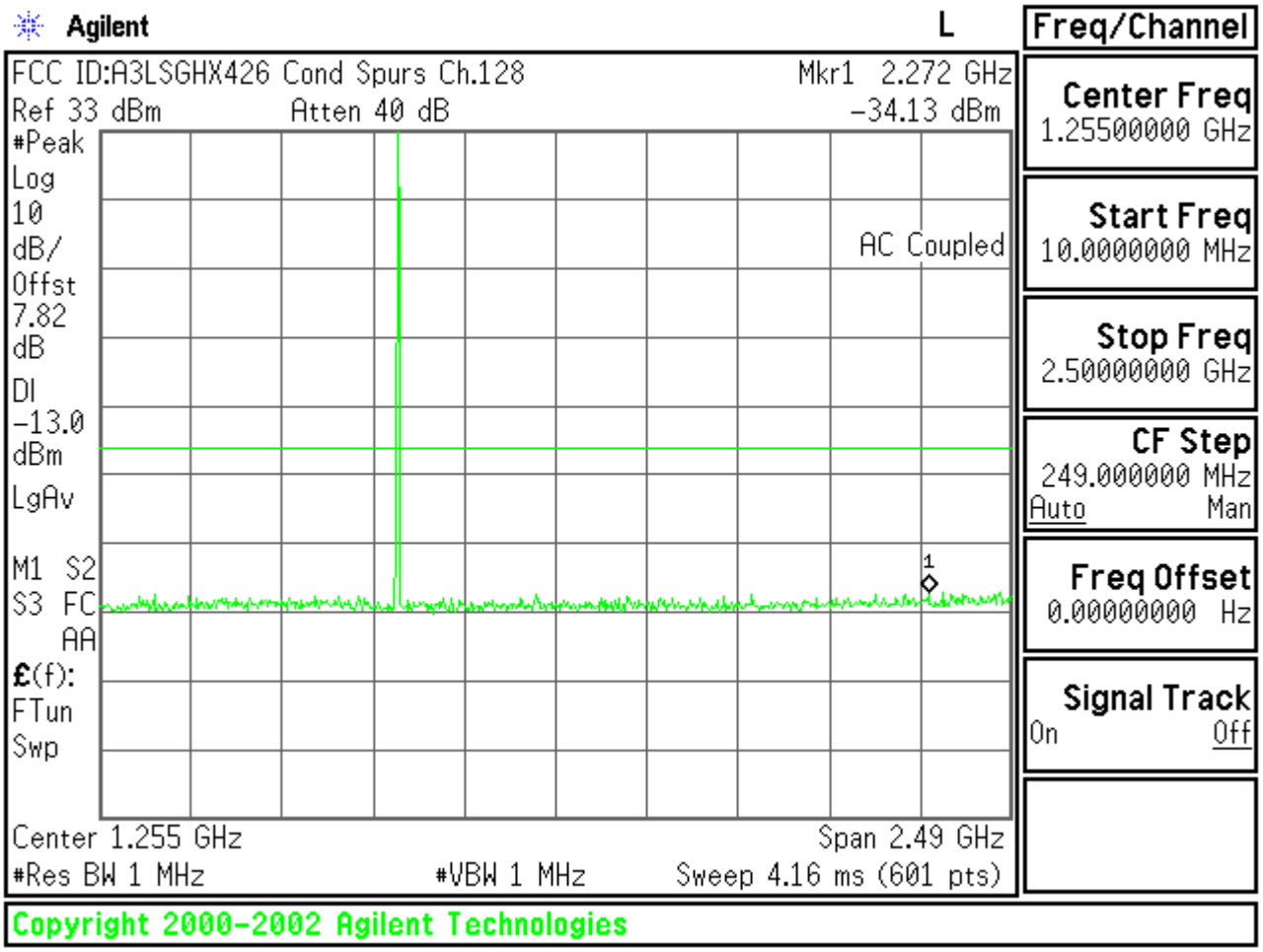
Deviation(ppm)
+20(Ref)
-20
0
+20
+40
+60
+20
Temperature(⁰C)


Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.128
Mkr1 2.272 GHz
Ref 33 dBm
Atten 40 dB
-34.13 dBm
#Peak
Log
10
dB/
Offst
7.82
dB
Dl
-13.0
dBm
LgAv
AC Coupled
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center 1.255 GHz
Span 2.49 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.16 ms (601 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
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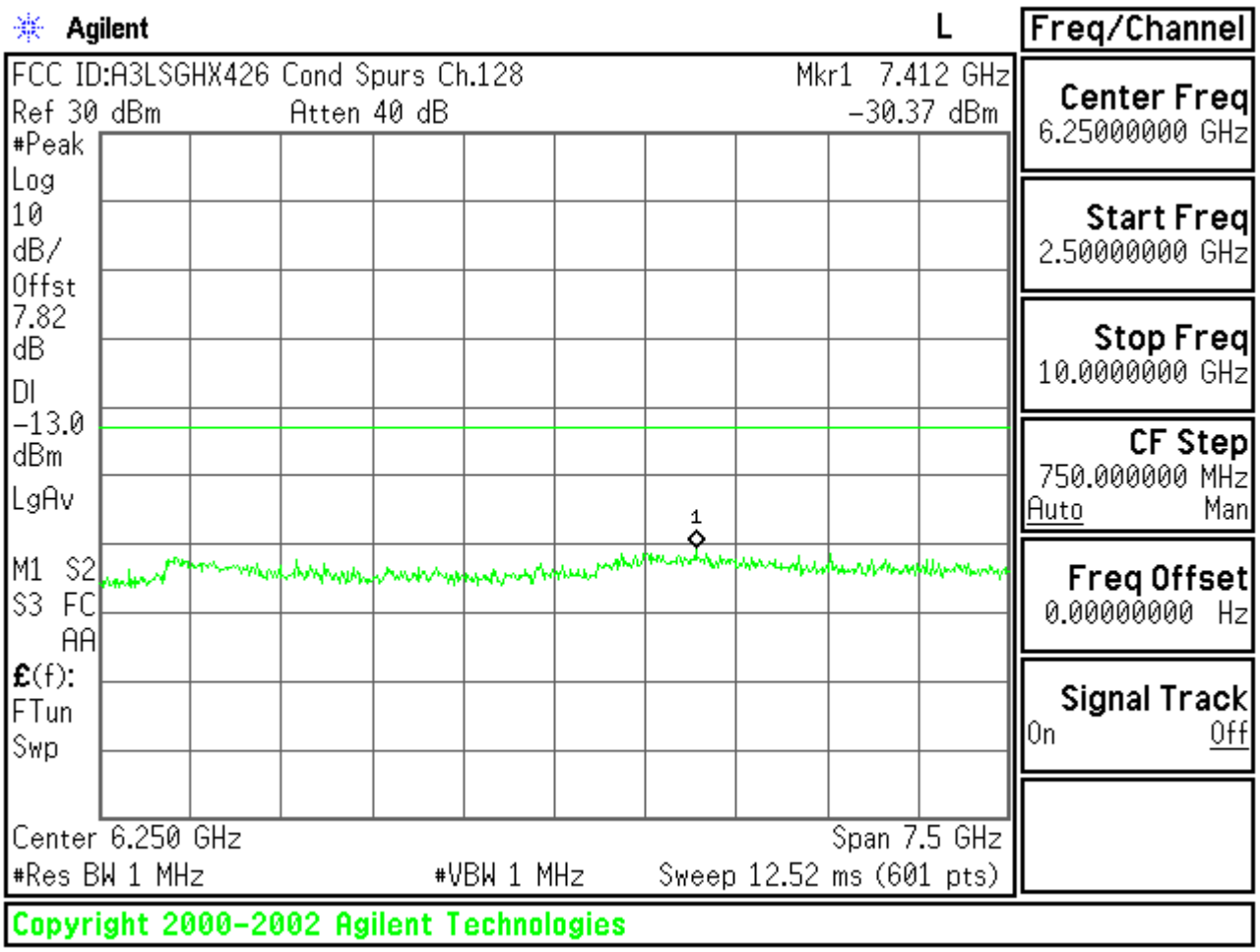
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.128
Mkr1 7.412 GHz
Ref 30 dBm
Atten 40 dB
-30.37 dBm
#Peak
Log
10
dB/
Offst
7.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center 6.250 GHz
Span 7.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 12.52 ms (601 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
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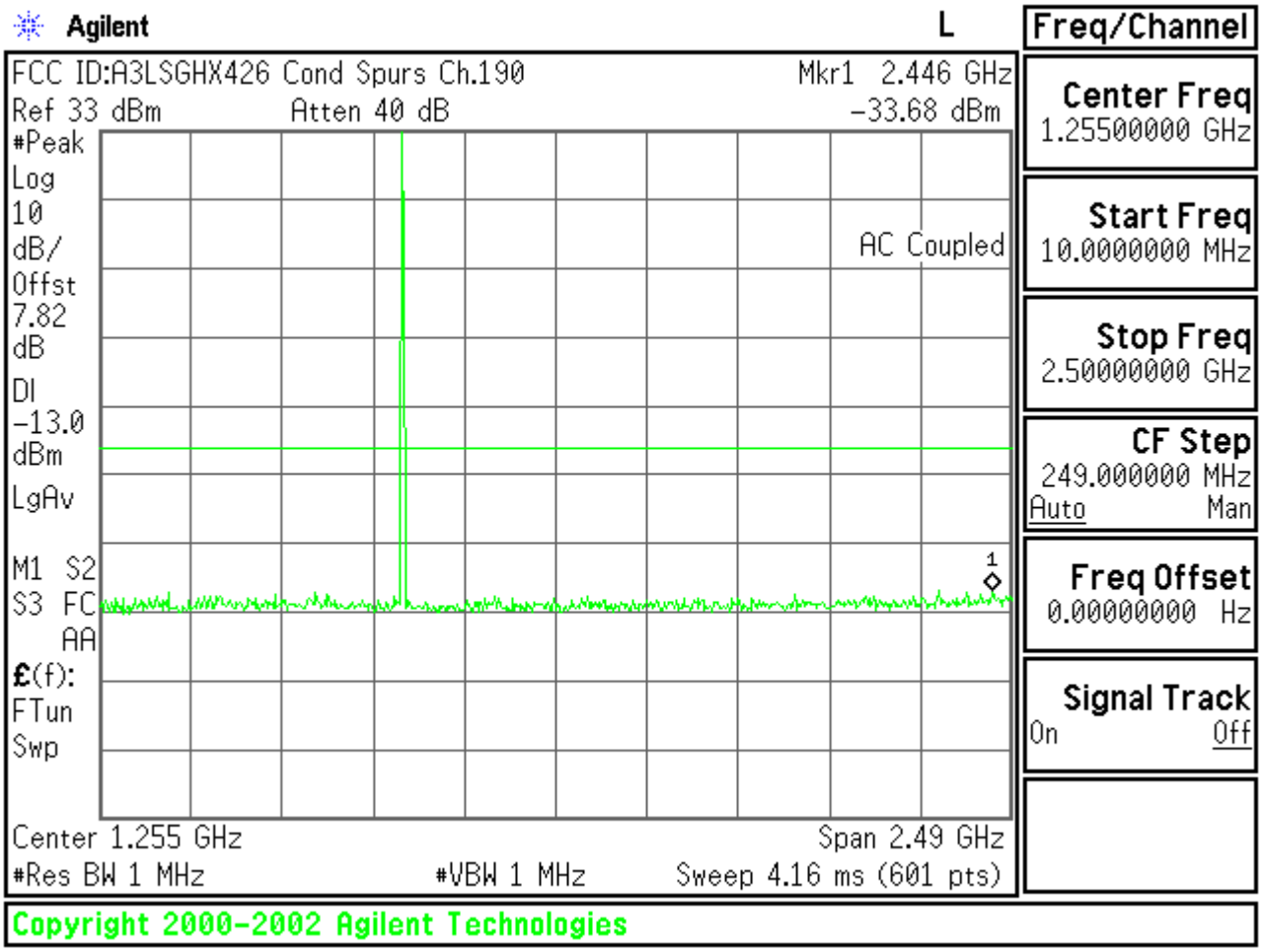
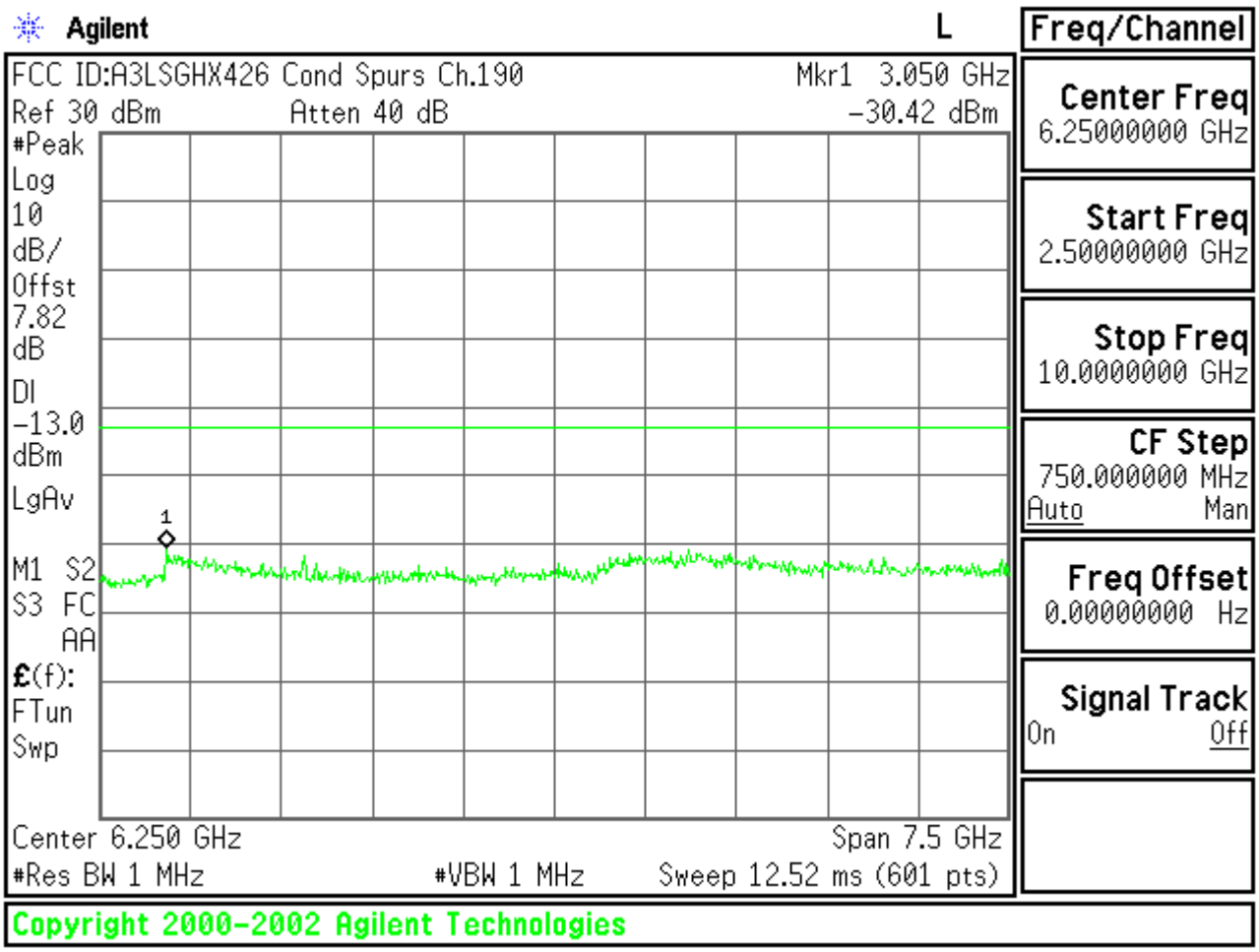
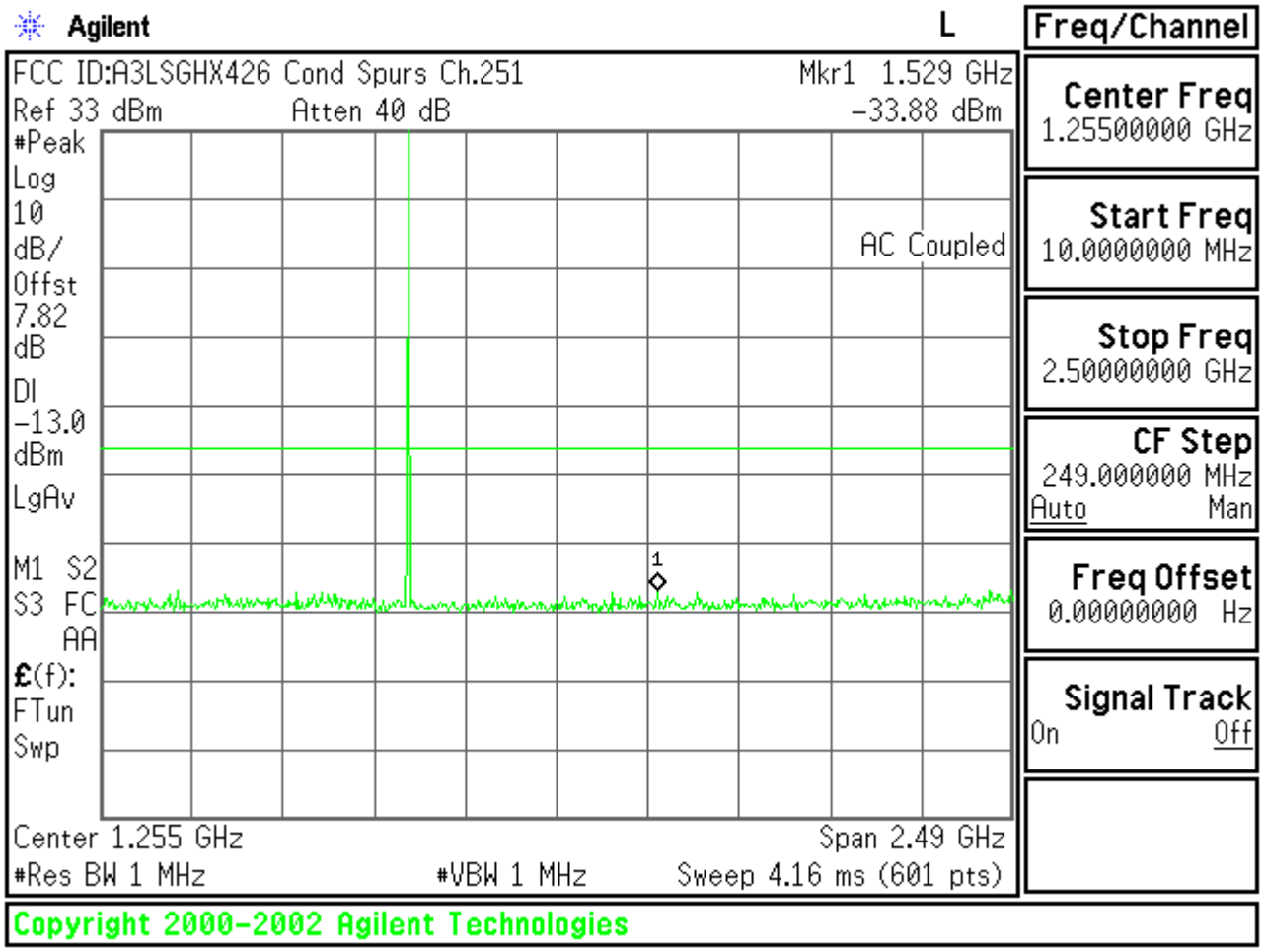
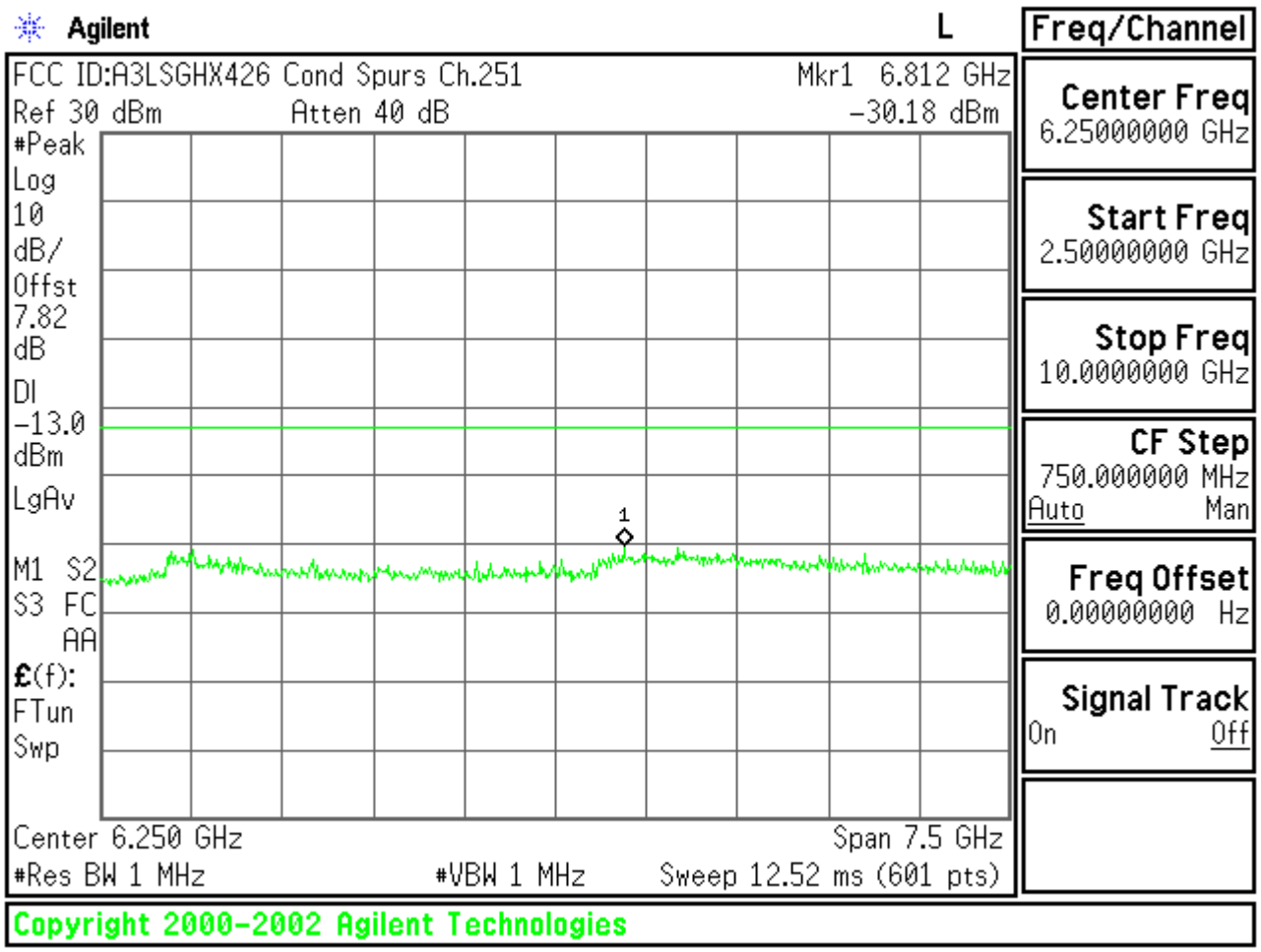
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies

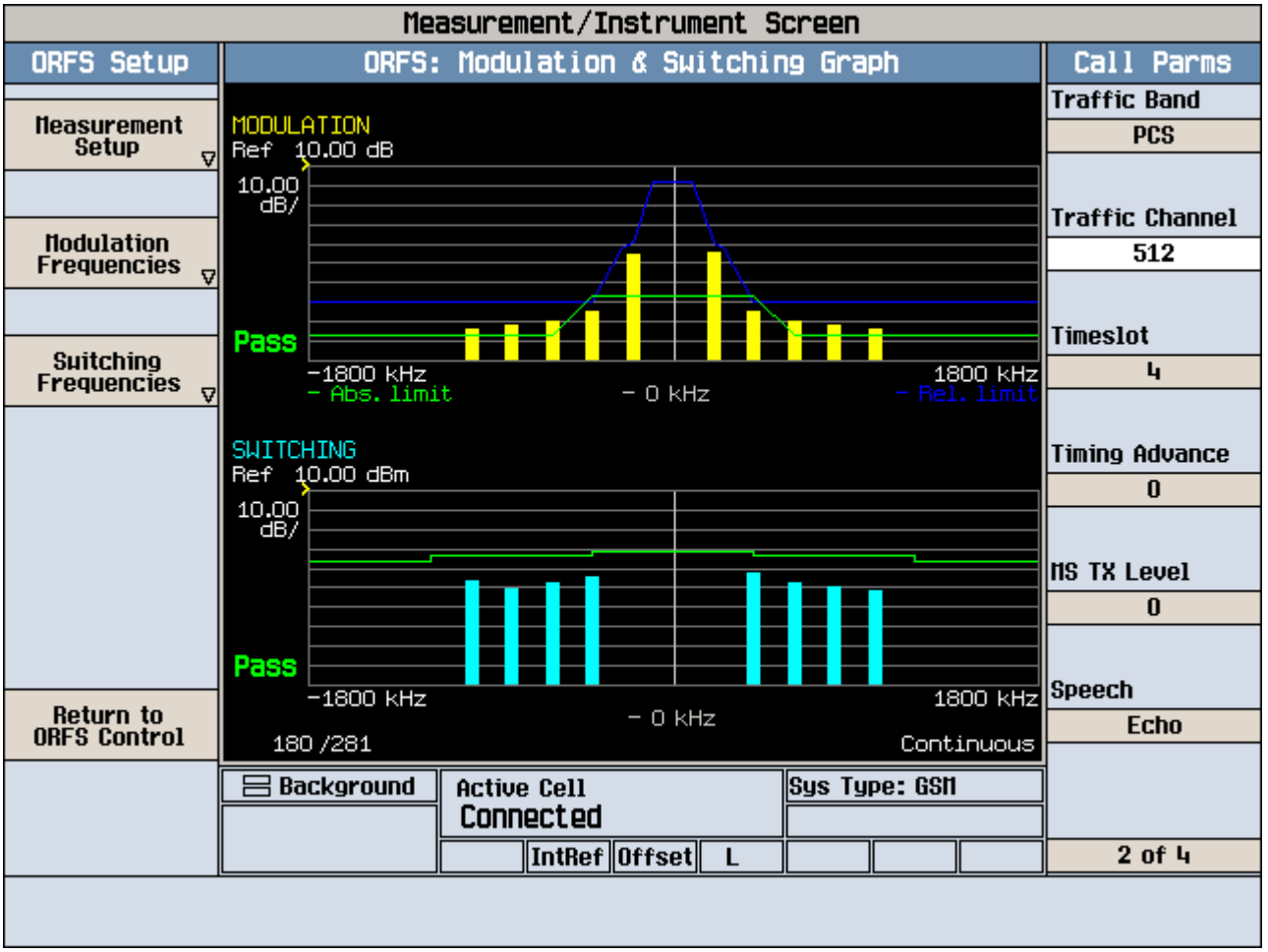

Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.190
Mkr1 2.446 GHz
Ref 33 dBm
Atten 40 dB
-33.68 dBm
#Peak
Log
10
dB/
Offst
7.82
dB
Dl
-13.0
dBm
LgAv
AC Coupled
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Center 1.255 GHz
Span 2.49 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.16 ms (601 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.190
Mkr1 3.050 GHz
Ref 30 dBm
Atten 40 dB
-30.42 dBm
#Peak
Log
10
dB/
Offst
7.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Center 6.250 GHz
Span 7.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 12.52 ms (601 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies

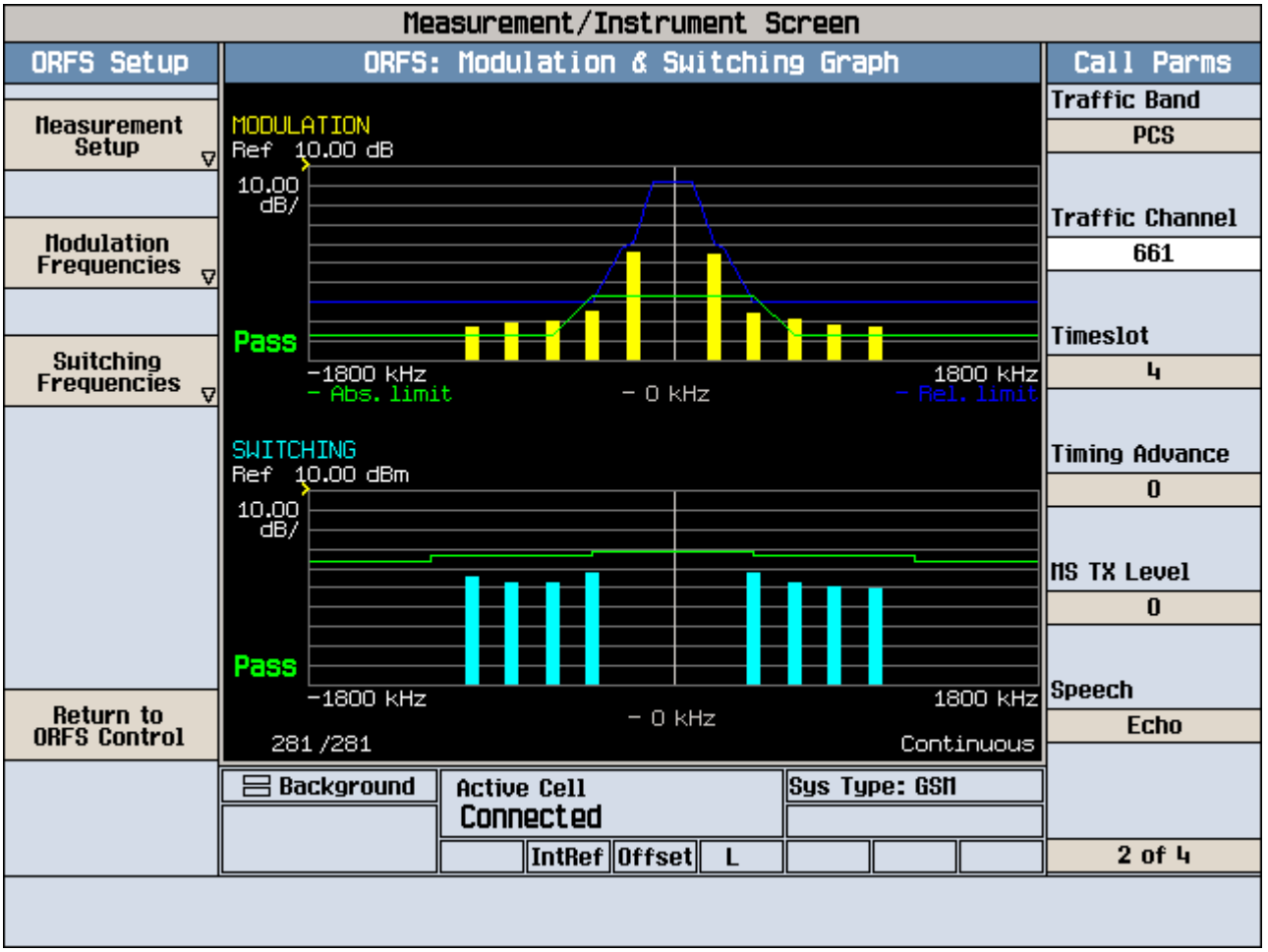

Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.251
Mkr1 1.529 GHz
Ref 33 dBm
Atten 40 dB
-33.88 dBm
#Peak
Log
10
dB/
Offst
7.82
dB
Dl
-13.0
dBm
LgAv
AC Coupled
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center 1.255 GHz
Span 2.49 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.16 ms (601 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.251
Mkr1 6.812 GHz
Ref 30 dBm
Atten 40 dB
-30.18 dBm
#Peak
Log
10
dB/
Offst
7.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center 6.250 GHz
Span 7.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 12.52 ms (601 pts)
Freq/Channel
Center Freq
6.25000000 GHz
Start Freq
2.50000000 GHz
Stop Freq
10.0000000 GHz
CF Step
750.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies

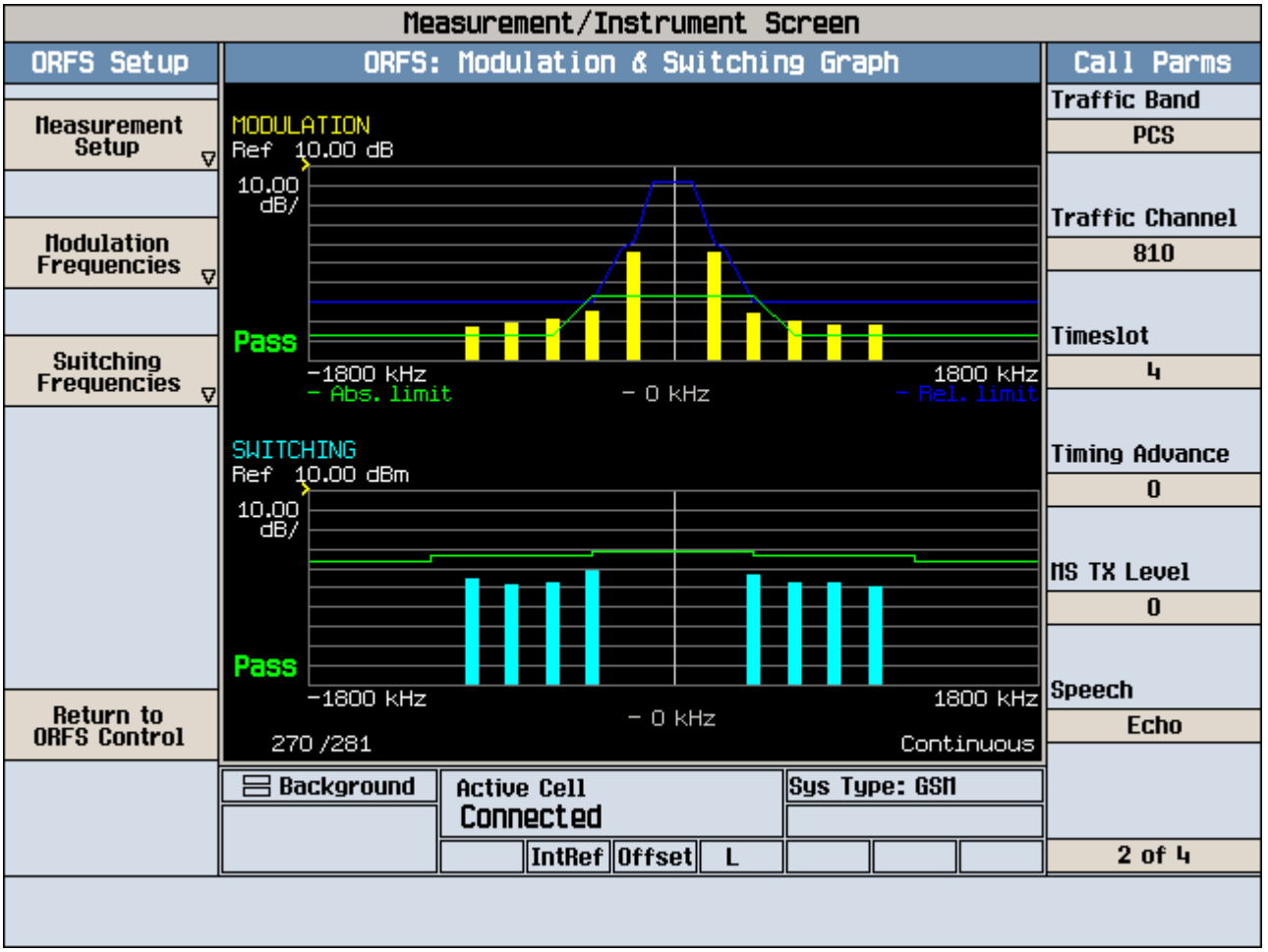
FCC ID:A3LSGHX426 Modulation & Switching 512CH

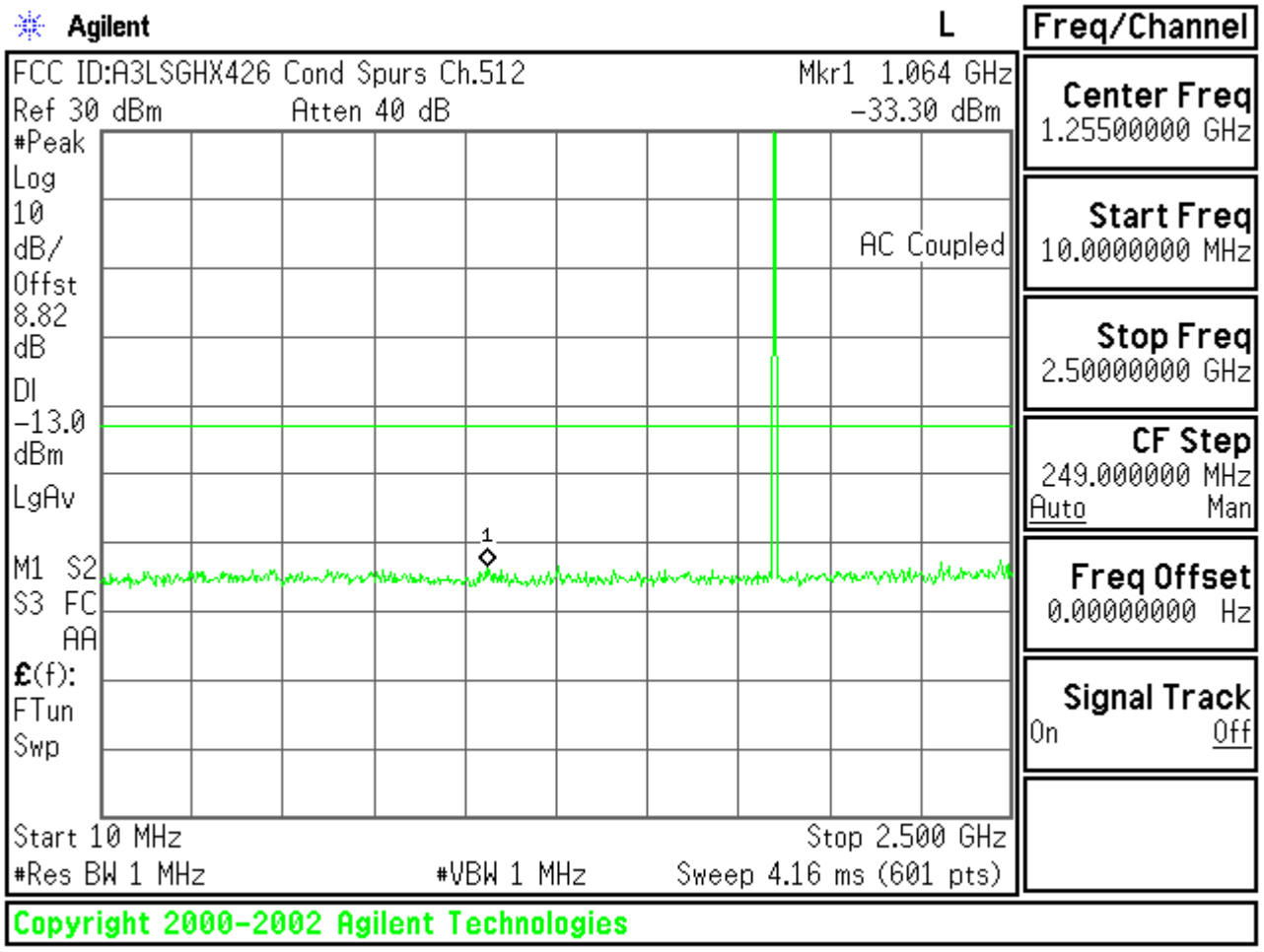


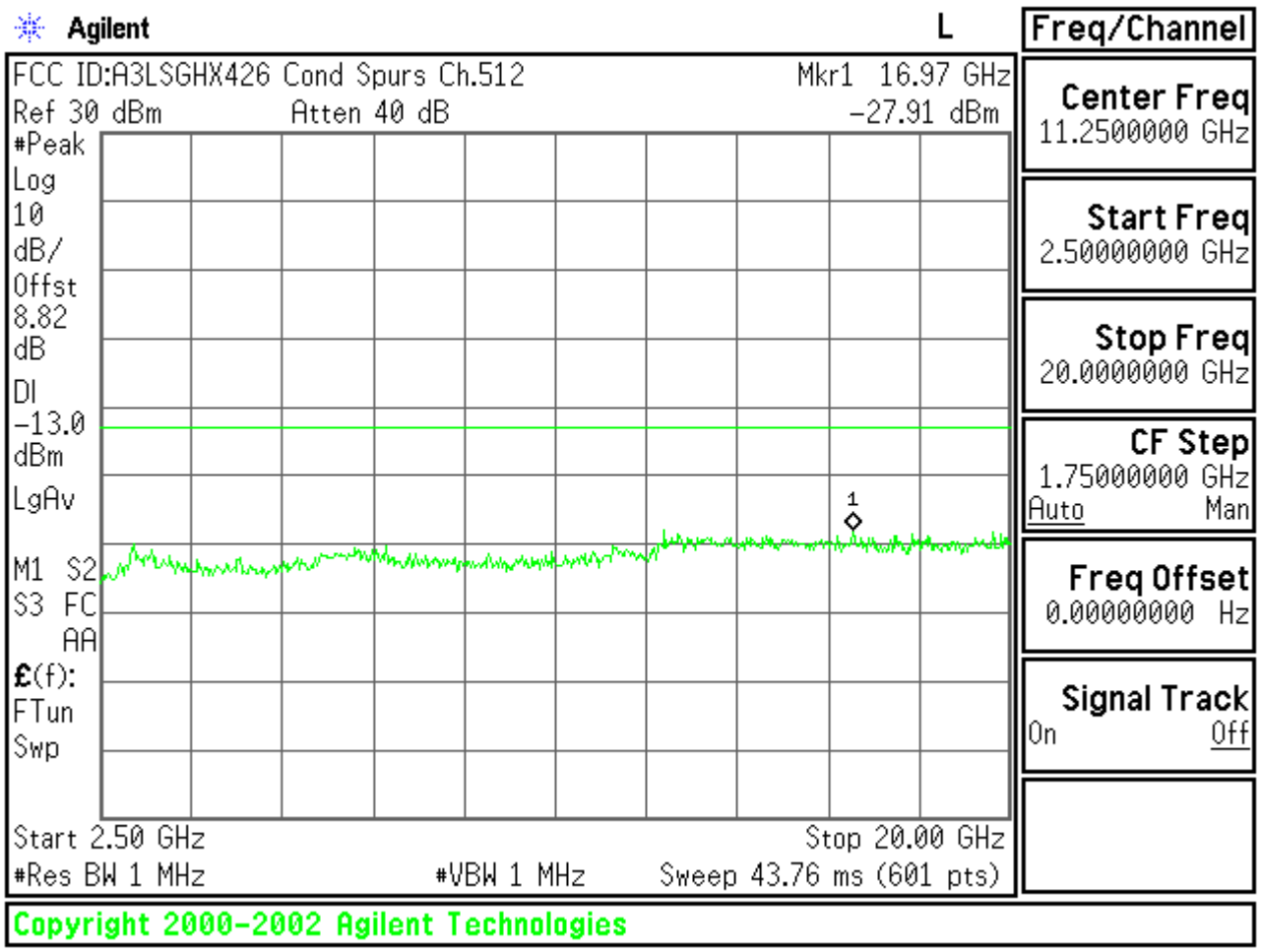
FCC ID:A3LSGHX426 Modulation & Switching 661CH

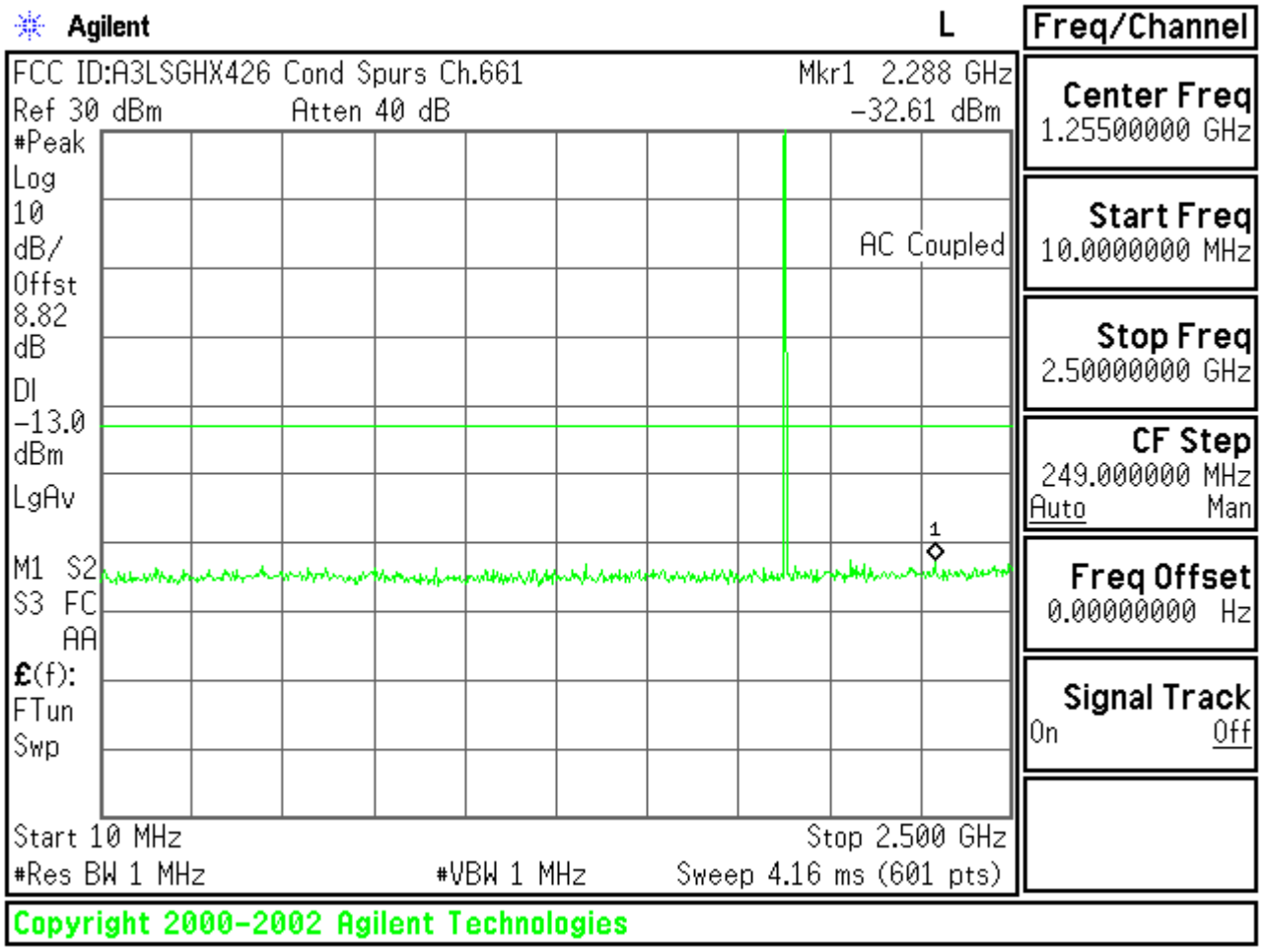


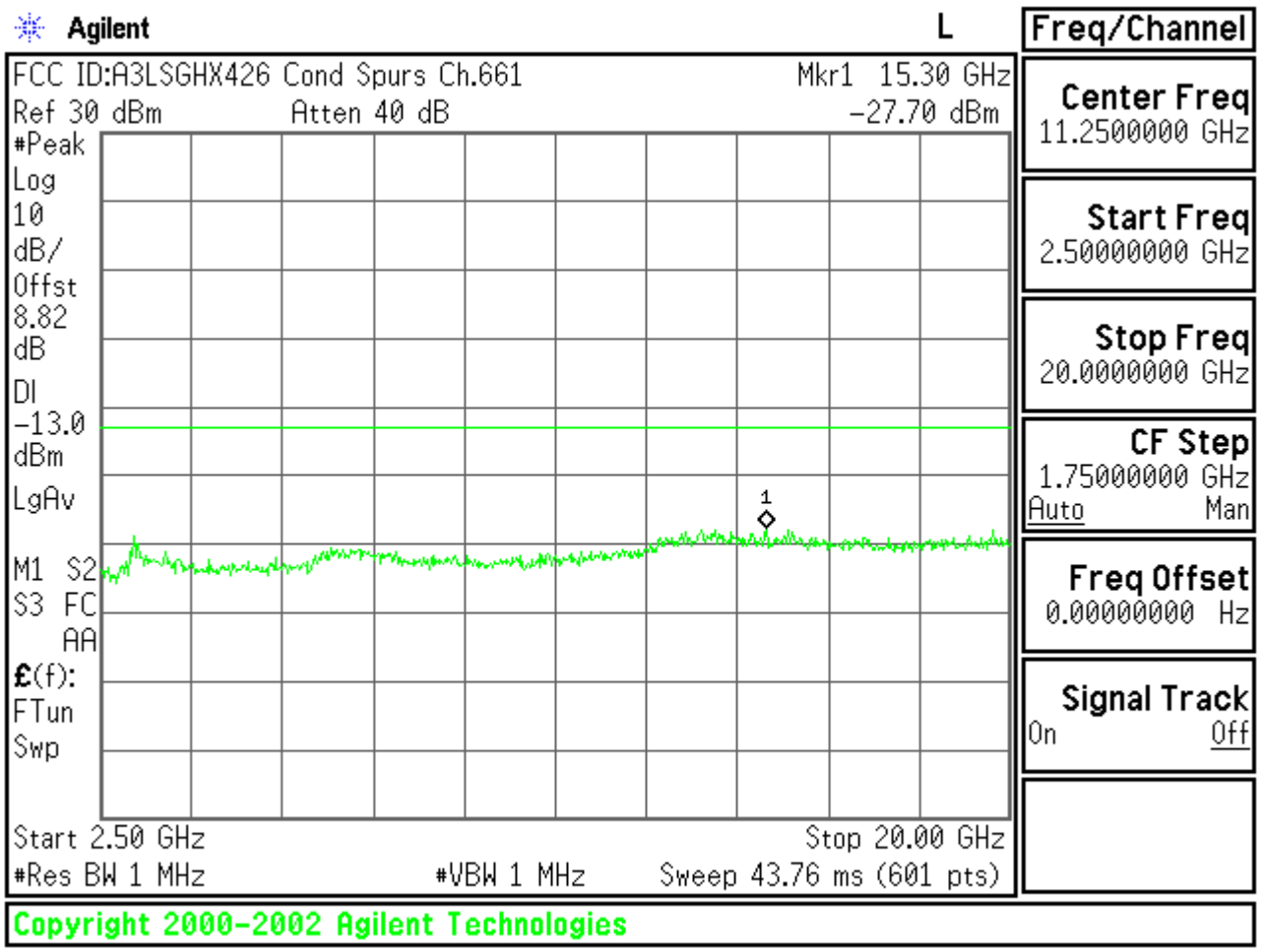
FCC ID:A3LSGHX426 Modulation & Switching 810CH

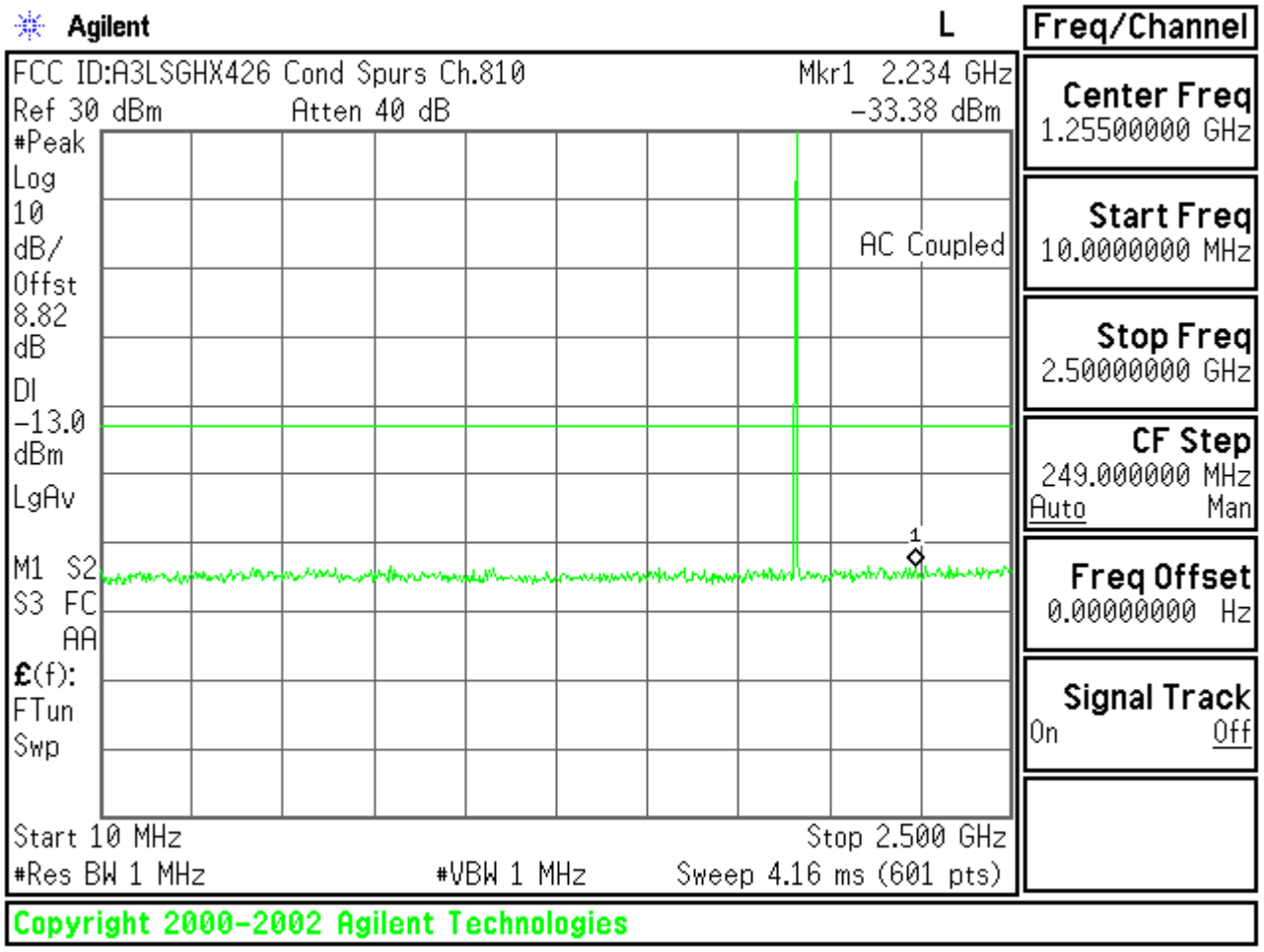


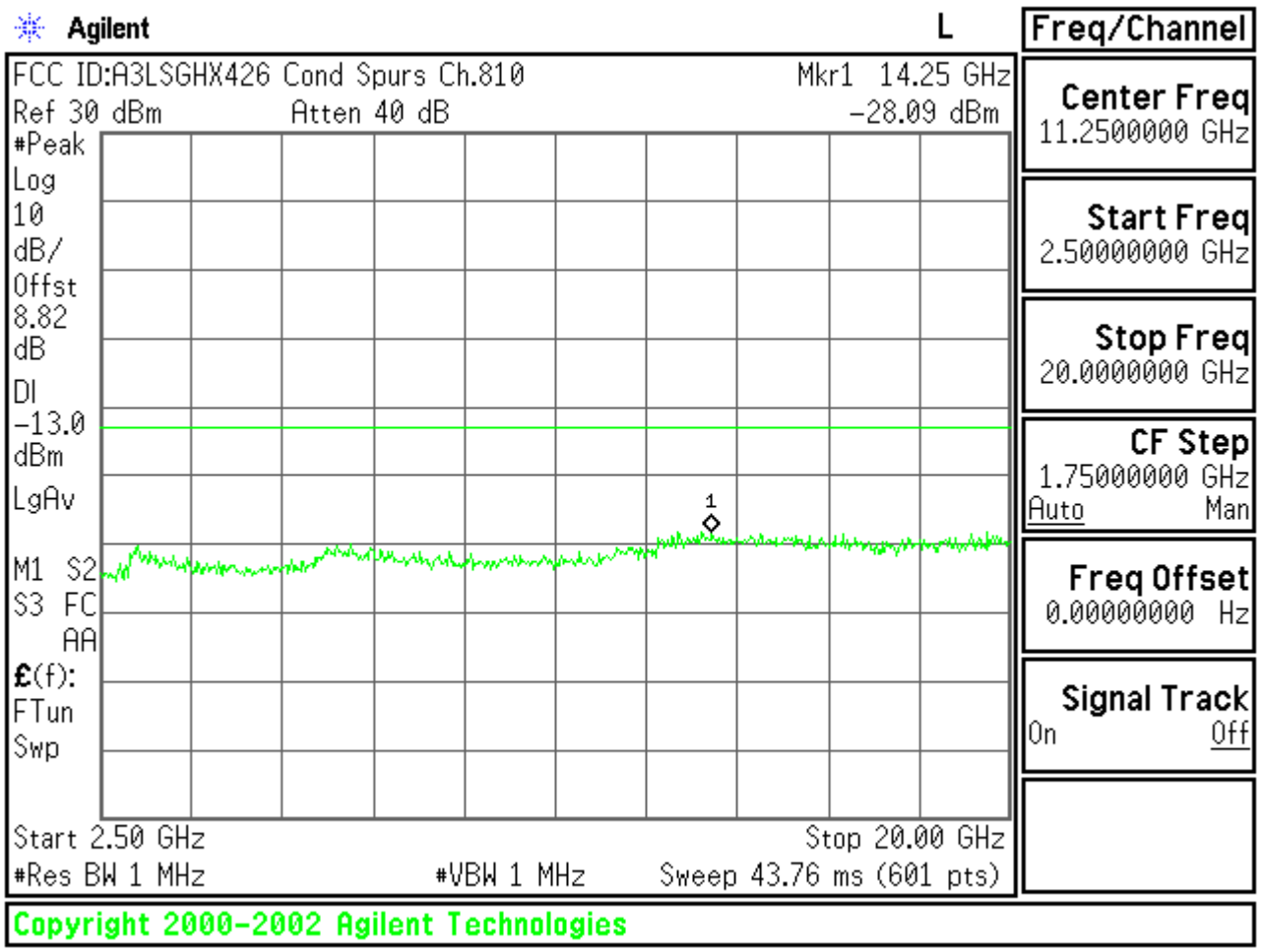

Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.512
Mkr1 1.064 GHz
Ref 30 dBm
Atten 40 dB
-33.30 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
AC Coupled
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.16 ms (601 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies

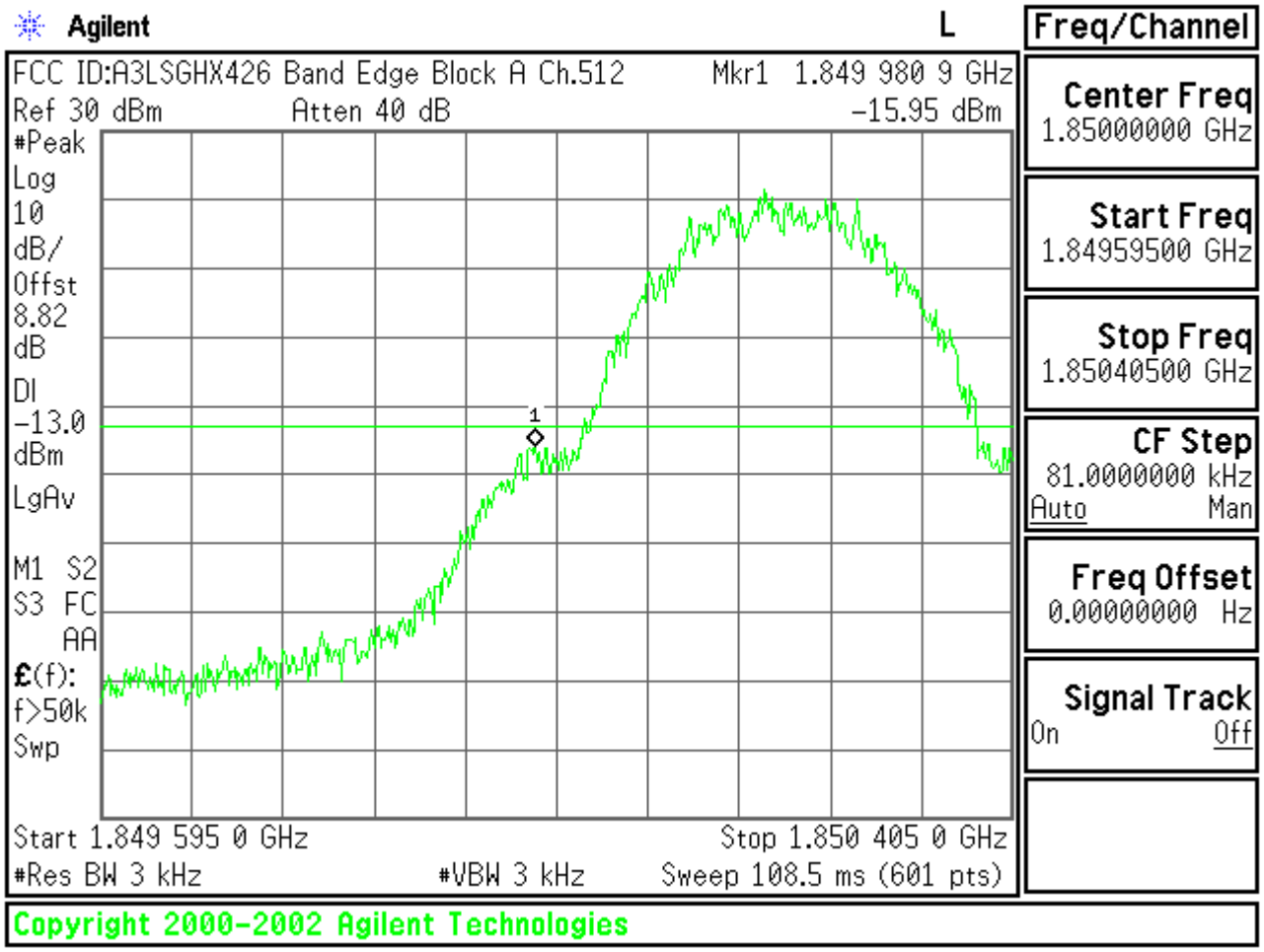

Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.512
Mkr1 16.97 GHz
Ref 30 dBm
Atten 40 dB
-27.91 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Start 2.50 GHz
Stop 20.00 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.76 ms (601 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start Freq
2.50000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.75000000 GHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies

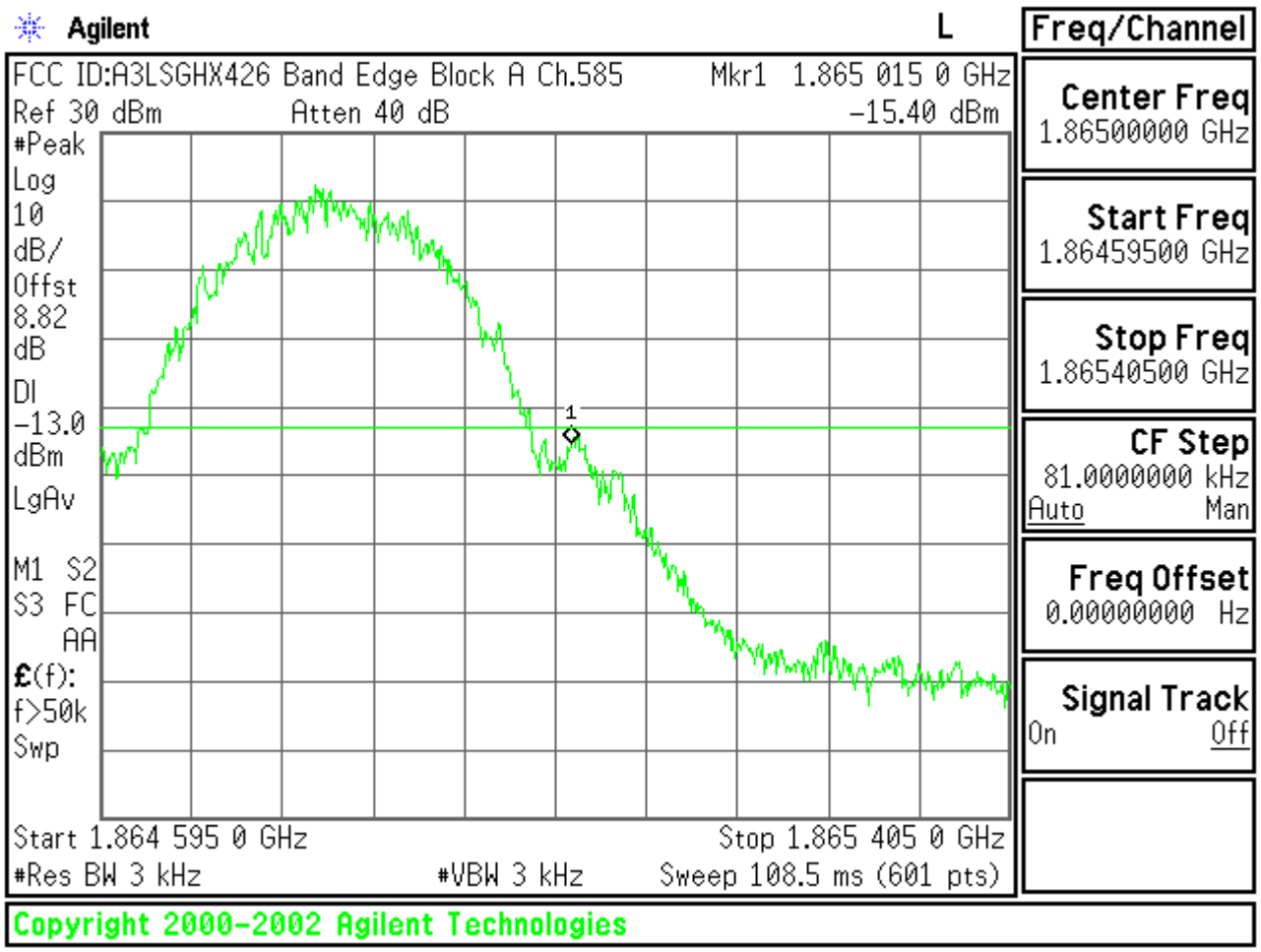

Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.661
Mkr1 2.288 GHz
Ref 30 dBm
Atten 40 dB
-32.61 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
AC Coupled
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.16 ms (601 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.661
Mkr1 15.30 GHz
Ref 30 dBm
Atten 40 dB
-27.70 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Start 2.50 GHz
Stop 20.00 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.76 ms (601 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start Freq
2.50000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.75000000 GHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.810
Mkr1 2.234 GHz
Ref 30 dBm
Atten 40 dB
-33.38 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
AC Coupled
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.16 ms (601 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 MHz
Stop Freq
2.50000000 GHz
CF Step
249.000000 MHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Cond Spurs Ch.810
Mkr1 14.25 GHz
Ref 30 dBm
Atten 40 dB
-28.09 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Start 2.50 GHz
Stop 20.00 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.76 ms (601 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start Freq
2.50000000 GHz
Stop Freq
20.0000000 GHz
CF Step
1.75000000 GHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Band Edge Block A Ch.512
Mkr1 1.849 980 9 GHz
Ref 30 dBm
Atten 40 dB
-15.95 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Start 1.849 595 0 GHz
Stop 1.850 405 0 GHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.85000000 GHz
Start Freq
1.84959500 GHz
Stop Freq
1.85040500 GHz
CF Step
81.0000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Band Edge Block A Ch.585
Mkr1 1.865 015 0 GHz
Ref 30 dBm
Atten 40 dB
-15.40 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Start 1.864 595 0 GHz
Stop 1.865 405 0 GHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.86500000 GHz
Start Freq
1.86459500 GHz
Stop Freq
1.86540500 GHz
CF Step
81.0000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
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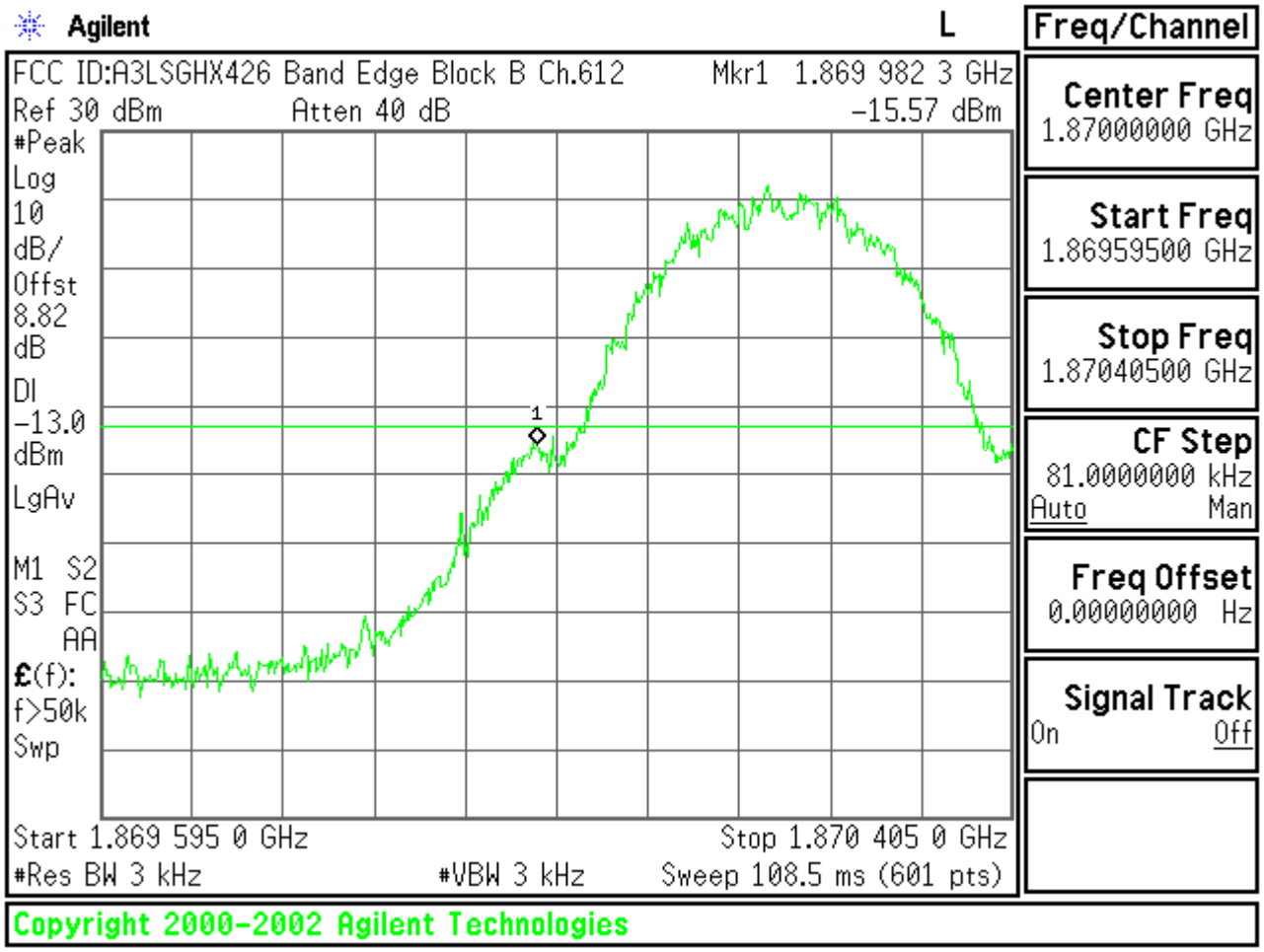
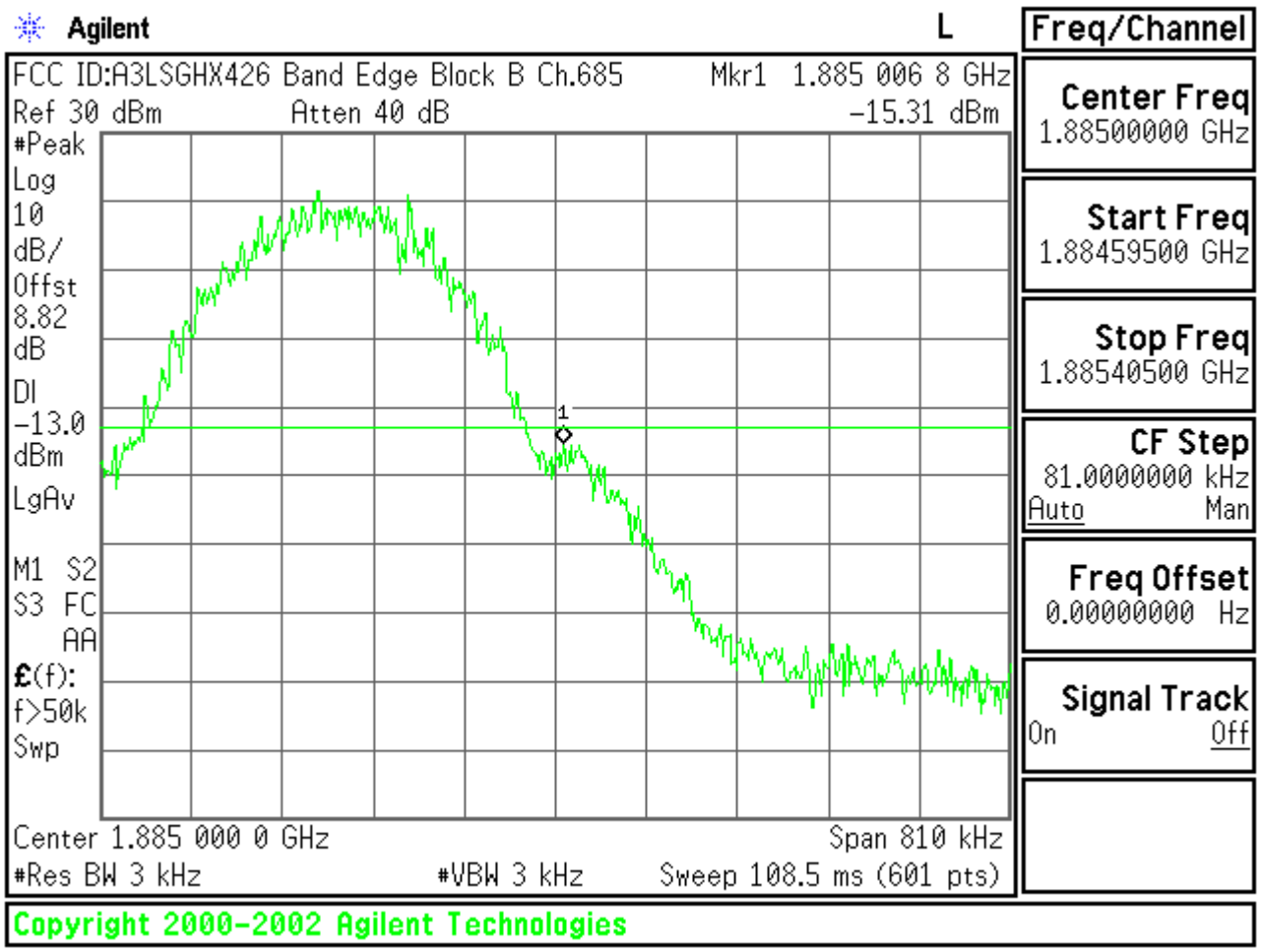
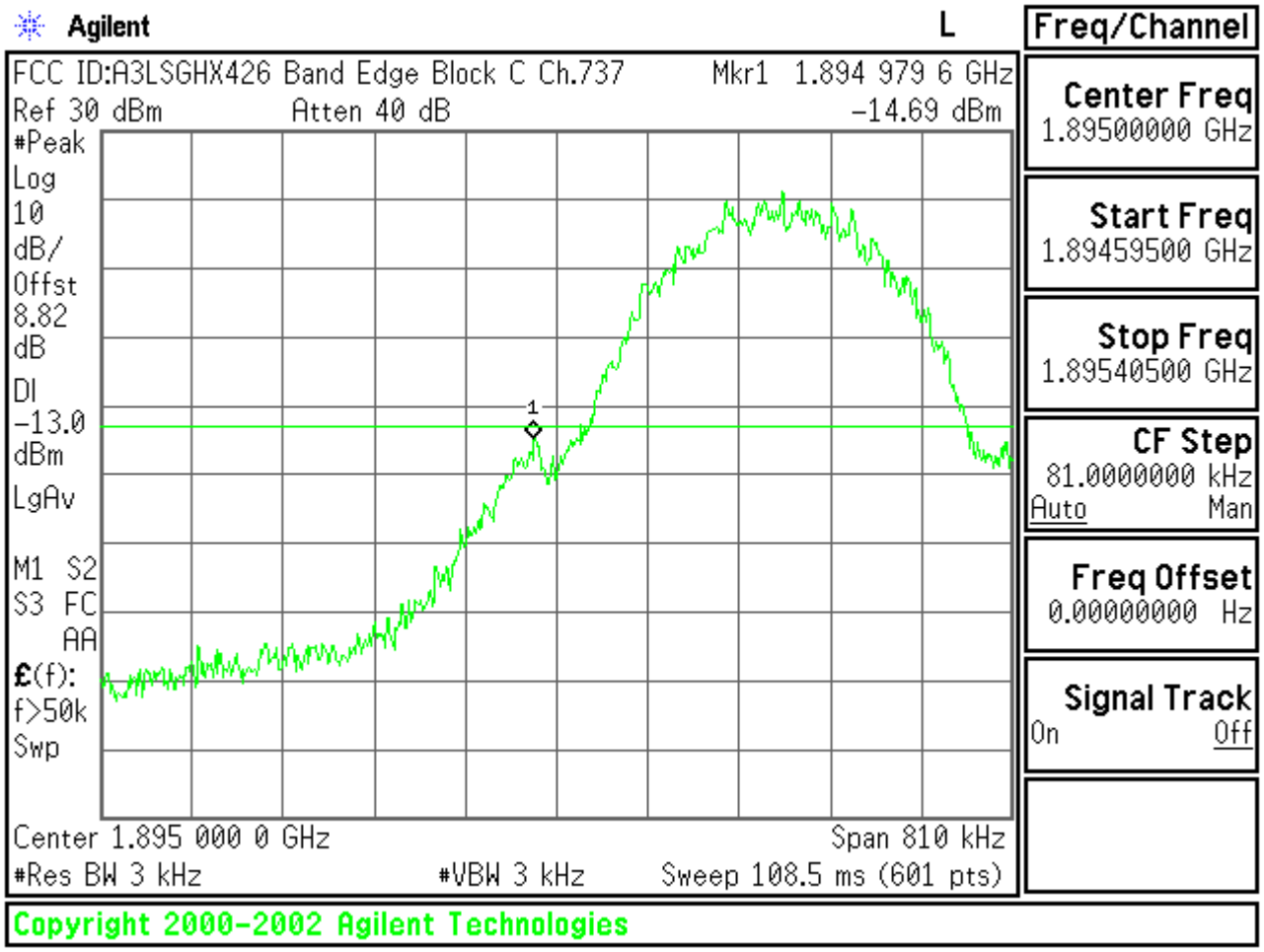
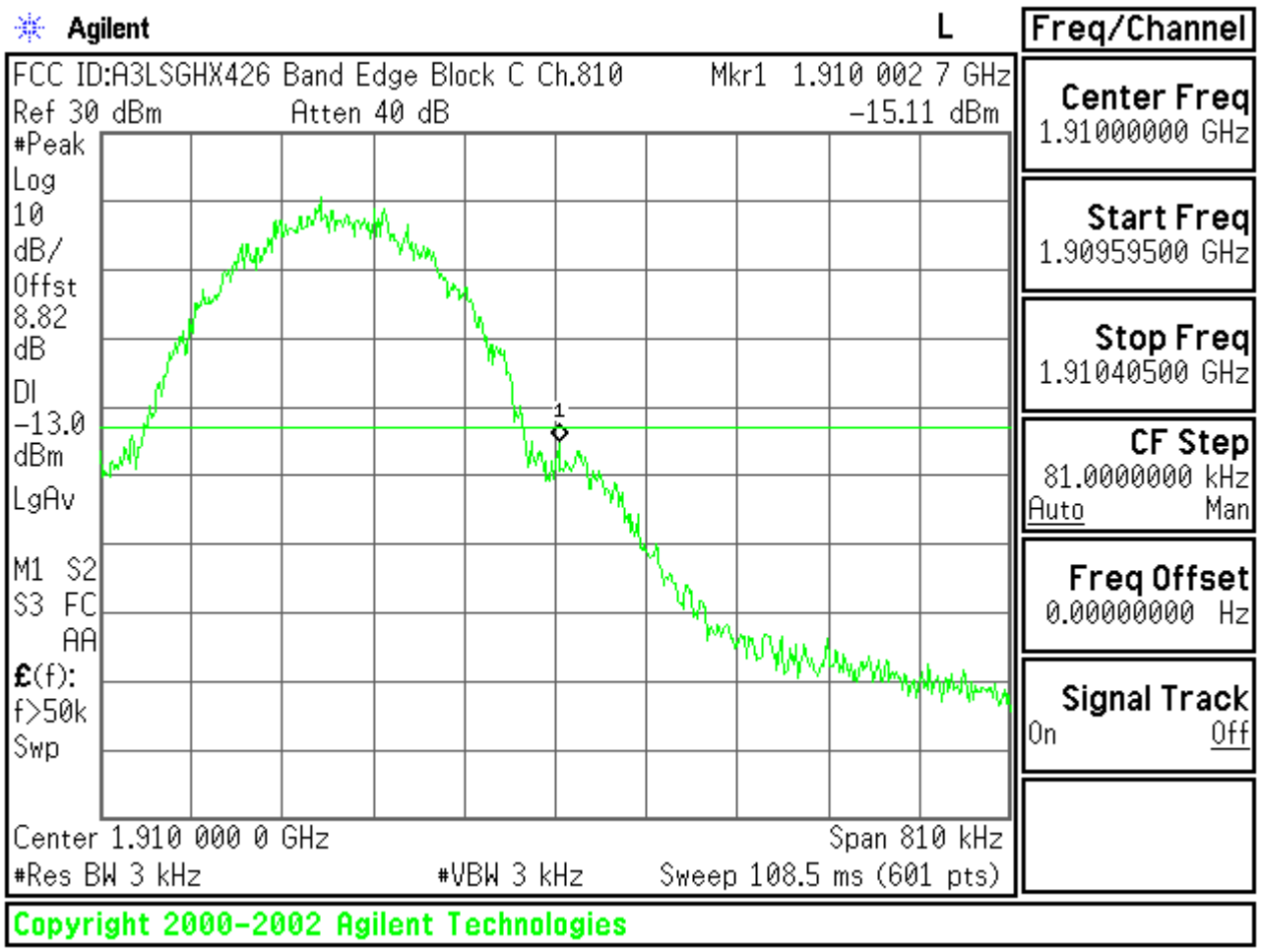
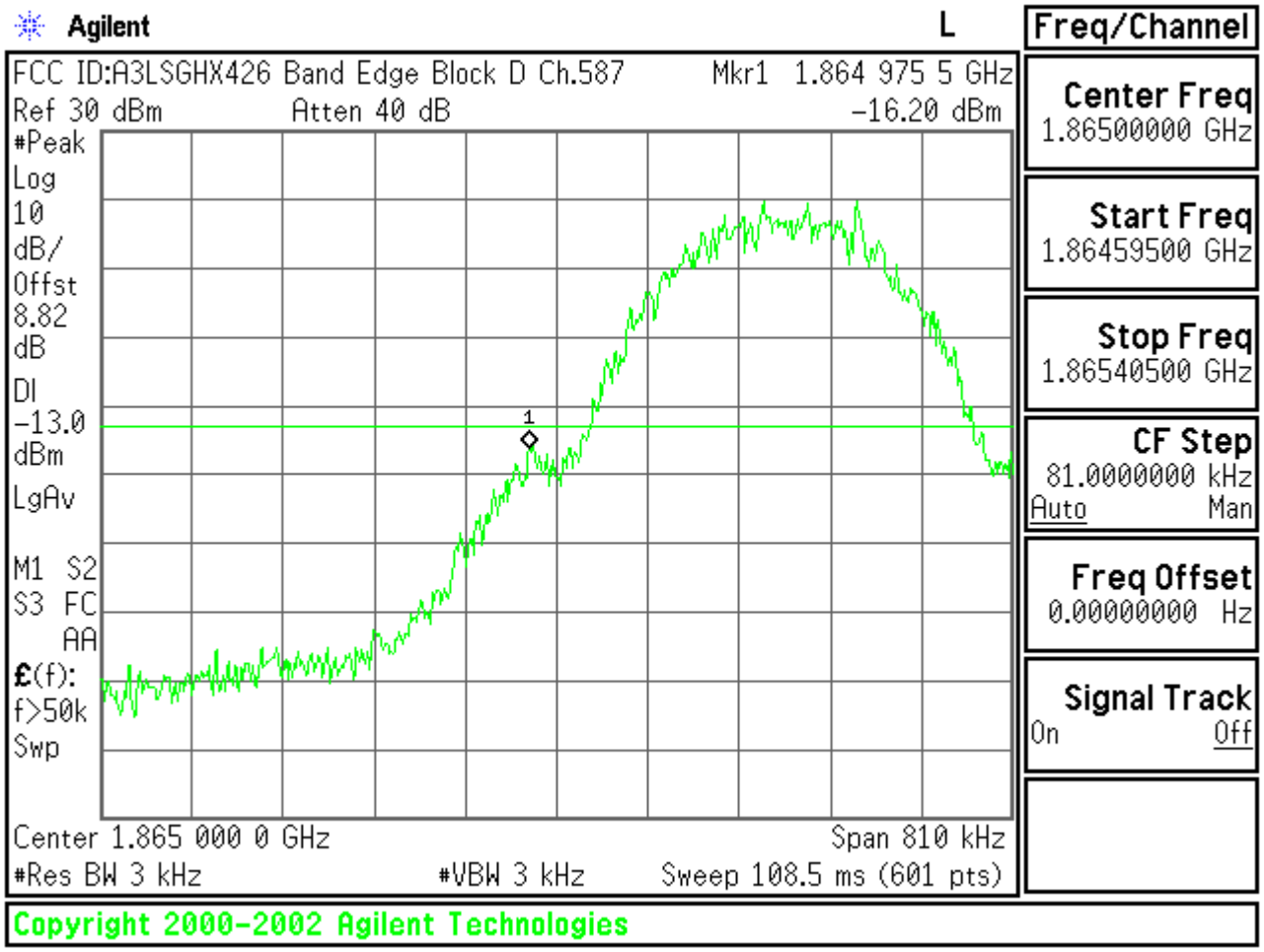
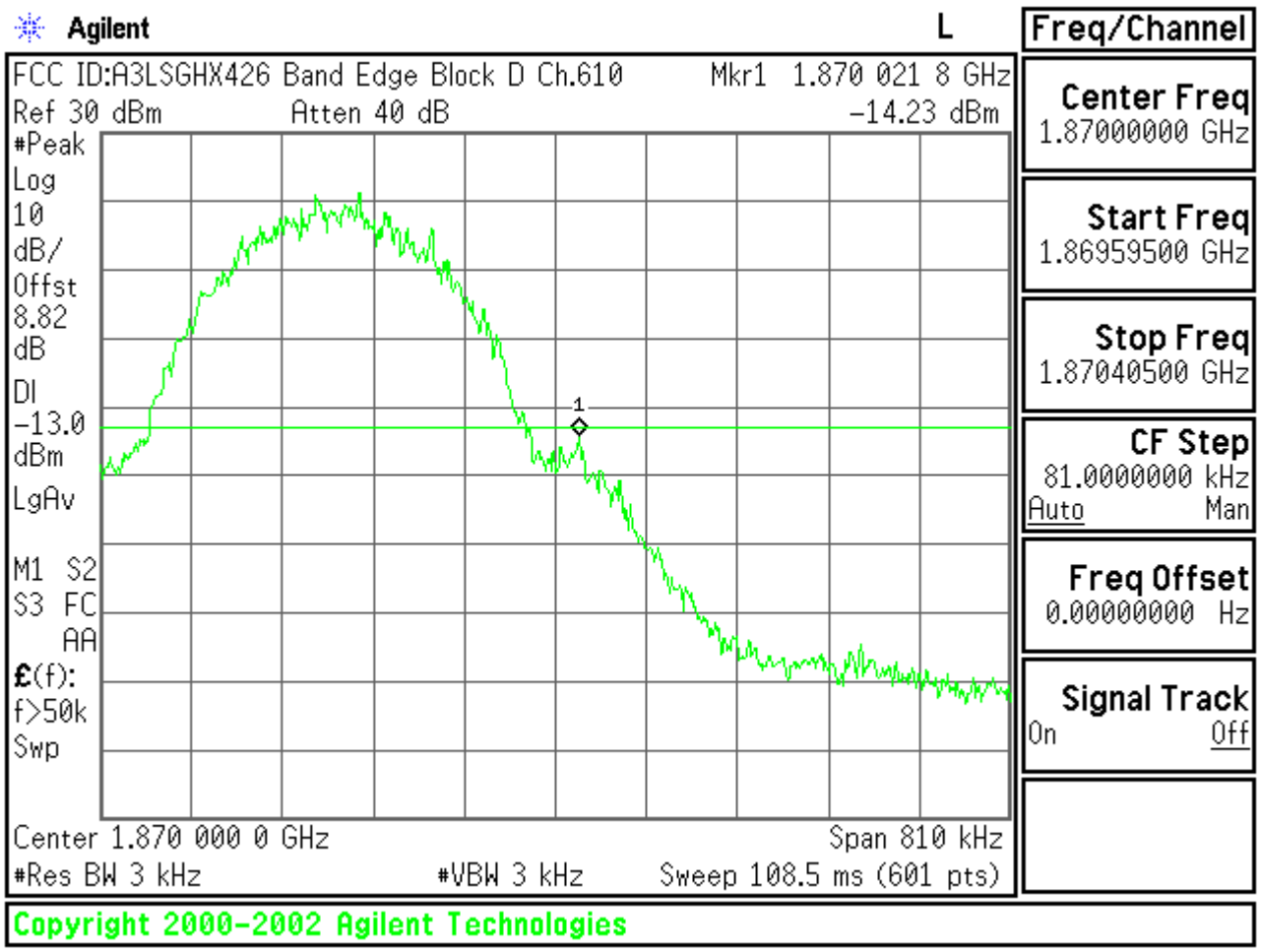

Agilent
L
FCC ID:A3LSGHX426 Band Edge Block B Ch.612
Mkr1 1.869 982 3 GHz
Ref 30 dBm
Atten 40 dB
-15.57 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Start 1.869 595 0 GHz
Stop 1.870 405 0 GHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.87000000 GHz
Start Freq
1.86959500 GHz
Stop Freq
1.87040500 GHz
CF Step
81.0000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies

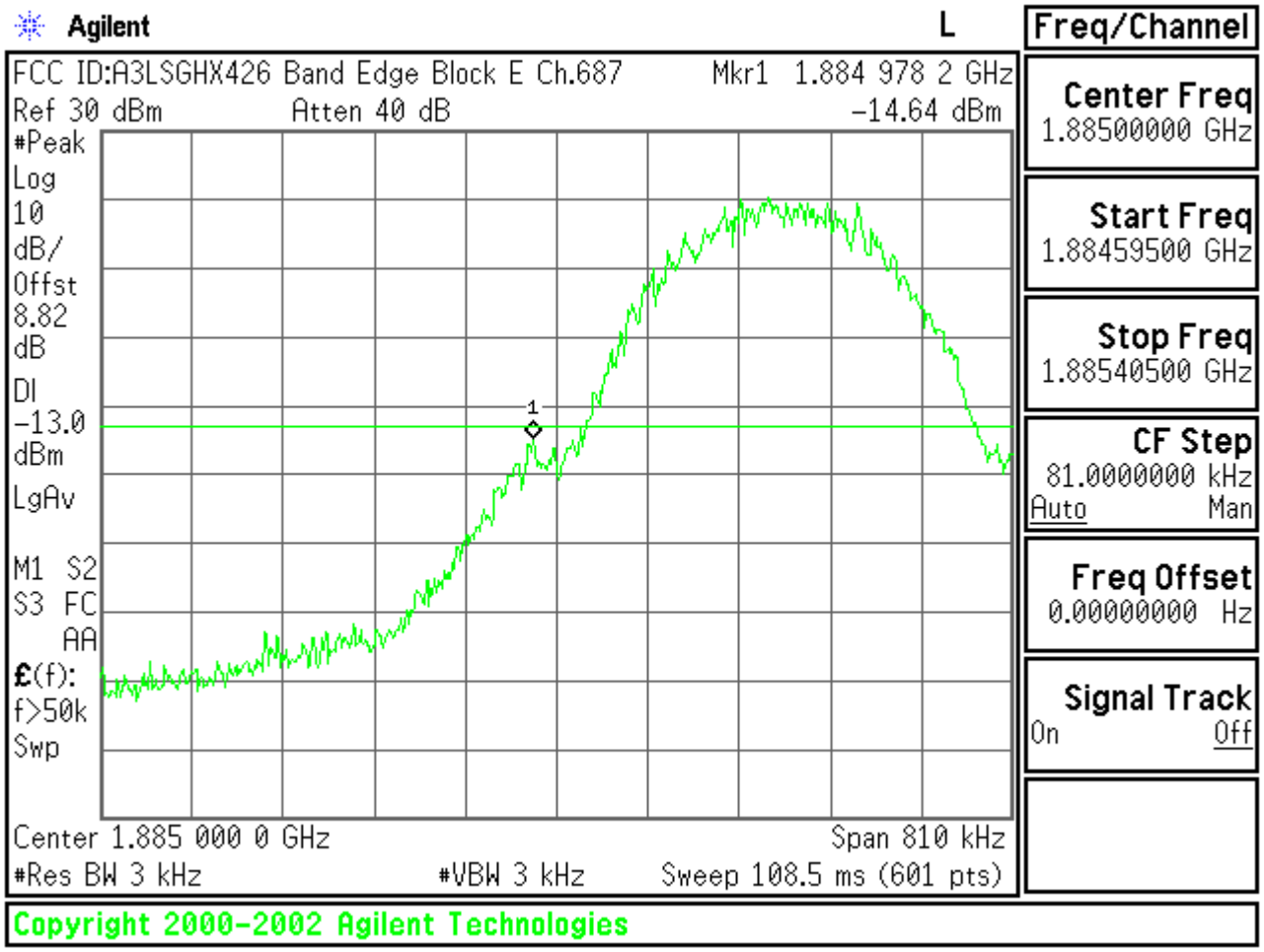

Agilent
L
FCC ID:A3LSGHX426 Band Edge Block B Ch.685
Mkr1 1.885 006 8 GHz
Ref 30 dBm
Atten 40 dB
-15.31 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.885 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.88500000 GHz
Start Freq
1.88459500 GHz
Stop Freq
1.88540500 GHz
CF Step
81.0000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies

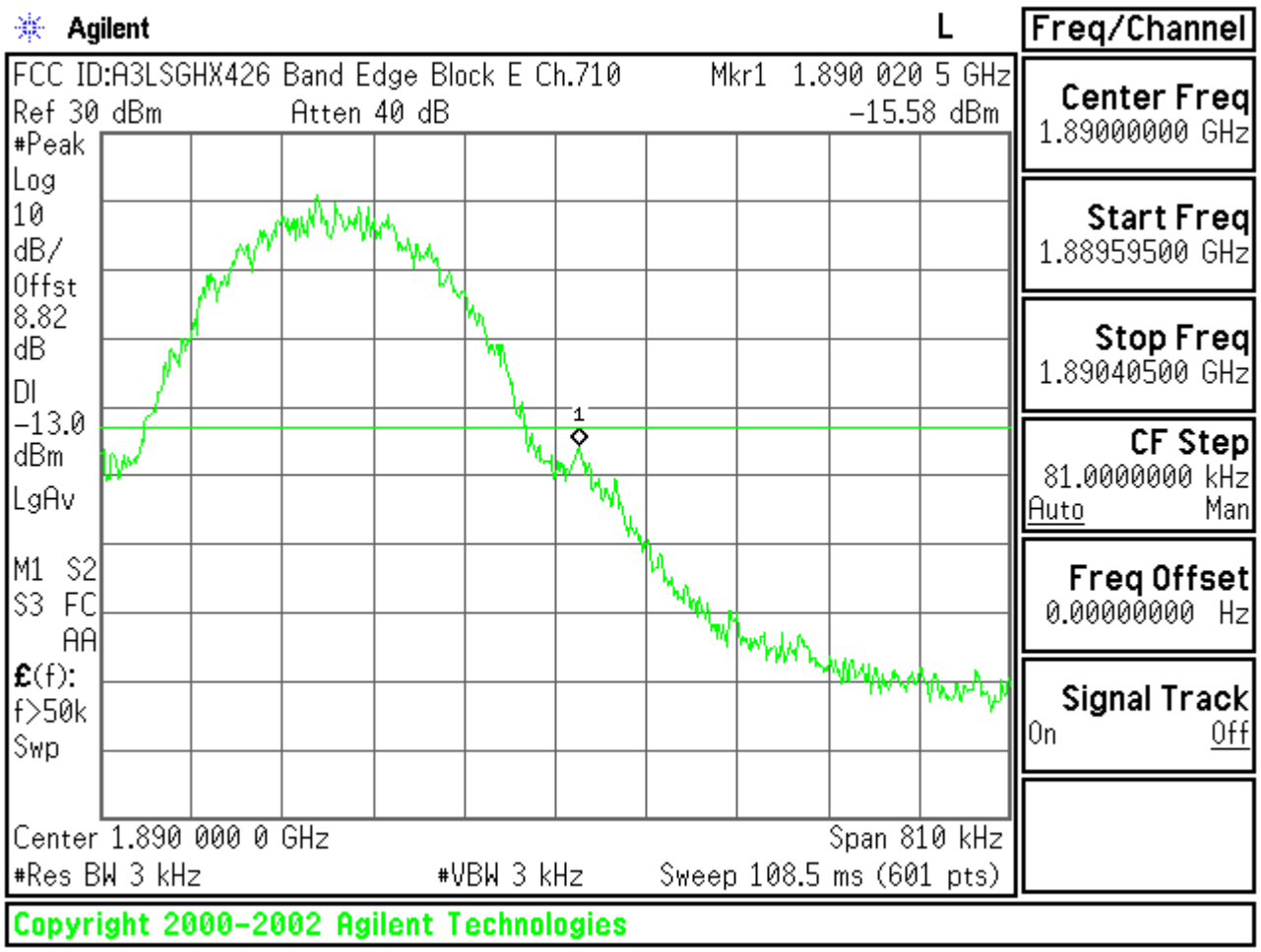

Agilent
L
FCC ID:A3LSGHX426 Band Edge Block C Ch.737
Mkr1 1.894 979 6 GHz
Ref 30 dBm
Atten 40 dB
-14.69 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.895 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.89500000 GHz
Start Freq
1.89459500 GHz
Stop Freq
1.89540500 GHz
CF Step
81.0000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies

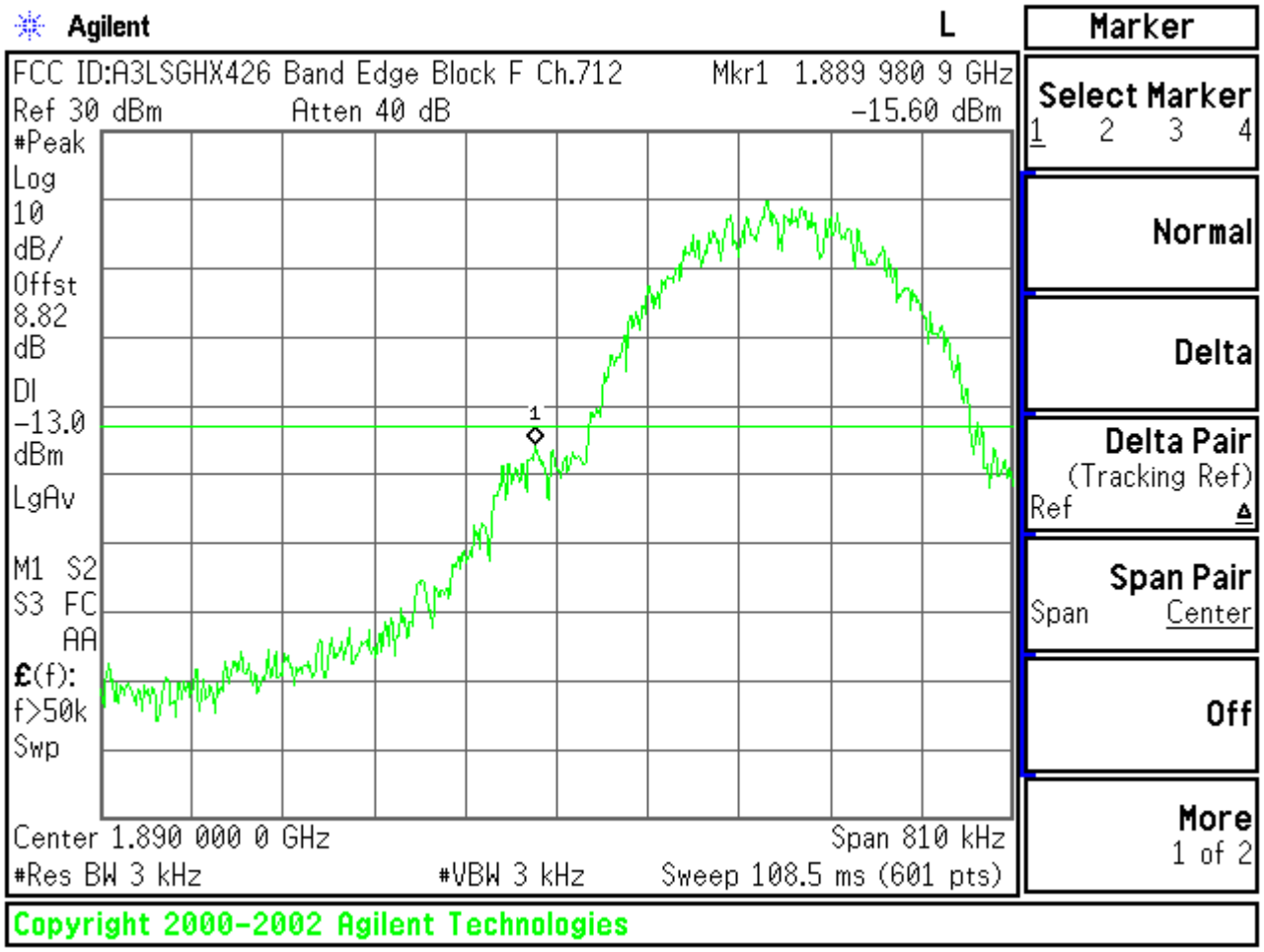

Agilent
L
FCC ID:A3LSGHX426 Band Edge Block C Ch.810
Mkr1 1.910 002 7 GHz
Ref 30 dBm
Atten 40 dB
-15.11 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.910 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.91000000 GHz
Start Freq
1.90959500 GHz
Stop Freq
1.91040500 GHz
CF Step
81.0000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Band Edge Block D Ch.587
Mkr1 1.864 975 5 GHz
Ref 30 dBm
Atten 40 dB
-16.20 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
1
Center 1.865 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.86500000 GHz
Start Freq
1.86459500 GHz
Stop Freq
1.86540500 GHz
CF Step
81.0000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Band Edge Block D Ch.610
Mkr1 1.870 021 8 GHz
Ref 30 dBm
Atten 40 dB
-14.23 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
1
Center 1.870 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.87000000 GHz
Start Freq
1.86959500 GHz
Stop Freq
1.87040500 GHz
CF Step
81.0000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Band Edge Block E Ch.687
Mkr1 1.884 978 2 GHz
Ref 30 dBm
Atten 40 dB
-14.64 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.885 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.88500000 GHz
Start Freq
1.88459500 GHz
Stop Freq
1.88540500 GHz
CF Step
81.0000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Band Edge Block E Ch.710
Mkr1 1.890 020 5 GHz
Ref 30 dBm
Atten 40 dB
-15.58 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.890 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.89000000 GHz
Start Freq
1.88959500 GHz
Stop Freq
1.89040500 GHz
CF Step
81.0000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
Copyright 2000-2002 Agilent Technologies


Agilent
L
FCC ID:A3LSGHX426 Band Edge Block F Ch.712
Mkr1 1.889 980 9 GHz
Ref 30 dBm
Atten 40 dB
-15.60 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.890 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Marker
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
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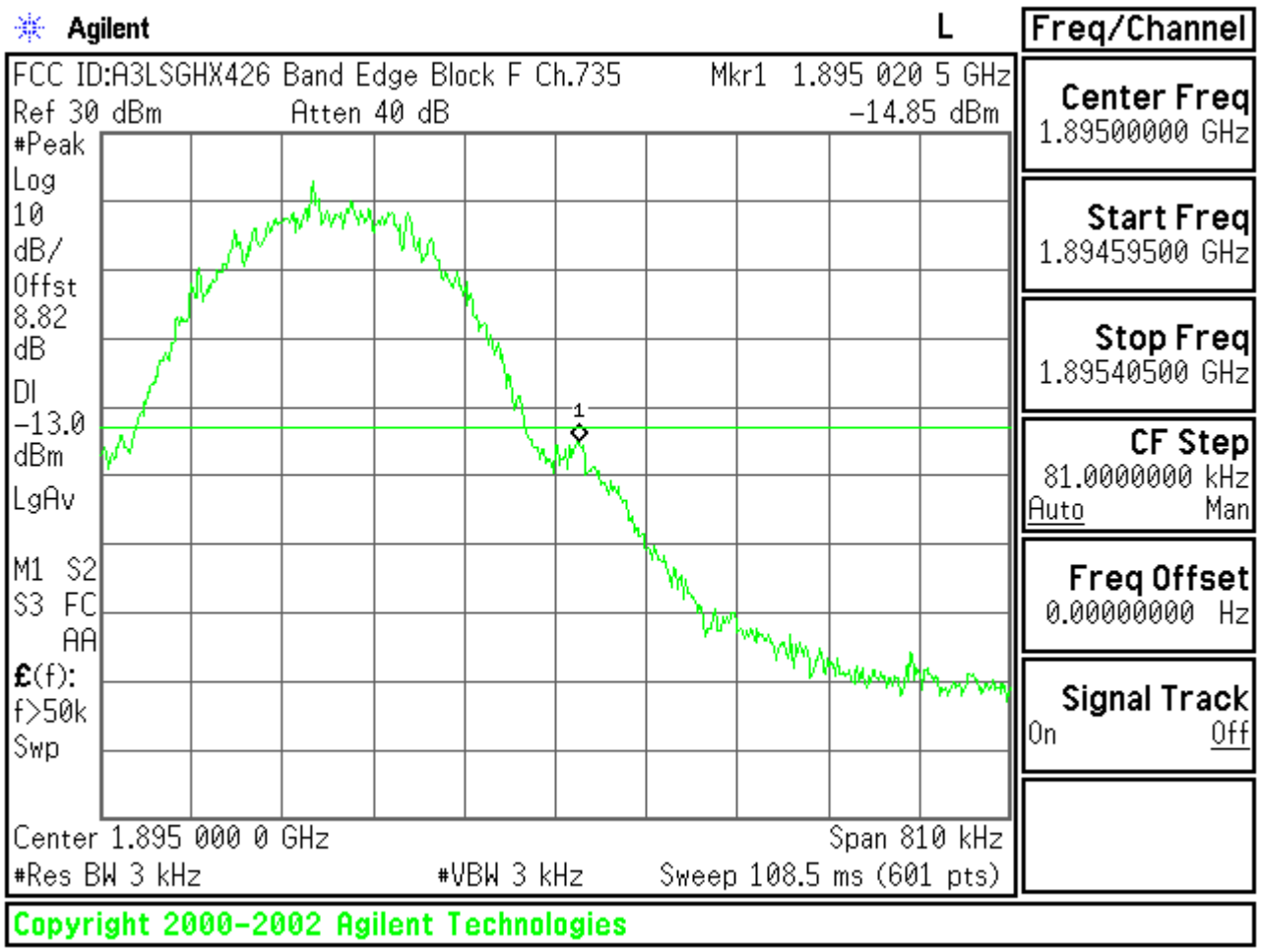
Agilent
L
FCC ID:A3LSGHX426 Band Edge Block F Ch.735
Mkr1 1.895 020 5 GHz
Ref 30 dBm
Atten 40 dB
-14.85 dBm
#Peak
Log
10
dB/
Offst
8.82
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.895 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.89500000 GHz
Start Freq
1.89459500 GHz
Stop Freq
1.89540500 GHz
CF Step
81.0000000 kHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
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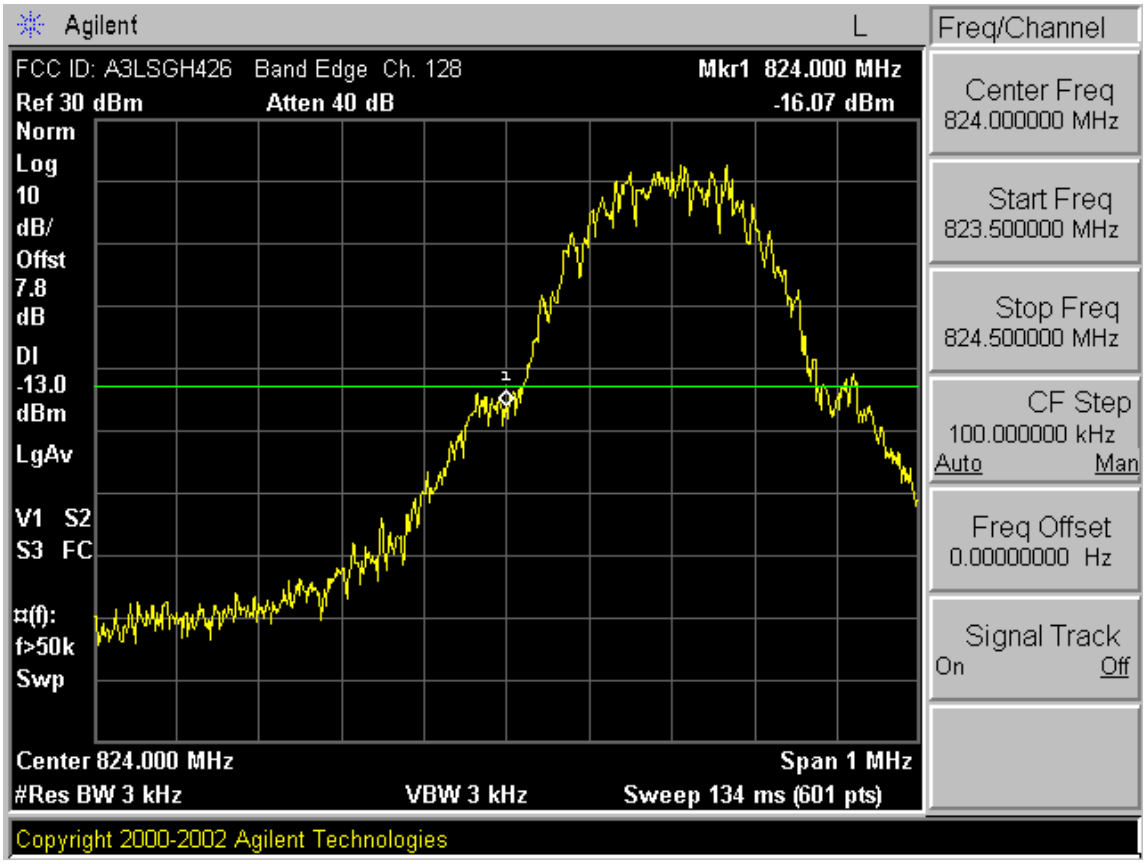
Agilent
L
Freq/Channel
FCC ID: A3LSGH426 Band Edge Ch. 128
Mkr1 824.000 MHz
Ref 30 dBm
Atten 40 dB
-16.07 dBm
Norm
Log
10
dB/
Offst
7.8
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
f>50k
Swp
Center 824.000 MHz
Span 1 MHz
#Res BW 3 kHz
VBW 3 kHz
Sweep 134 ms (601 pts)
Center Freq
824.000000 MHz
Start Freq
823.500000 MHz
Stop Freq
824.500000 MHz
CF Step
100.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
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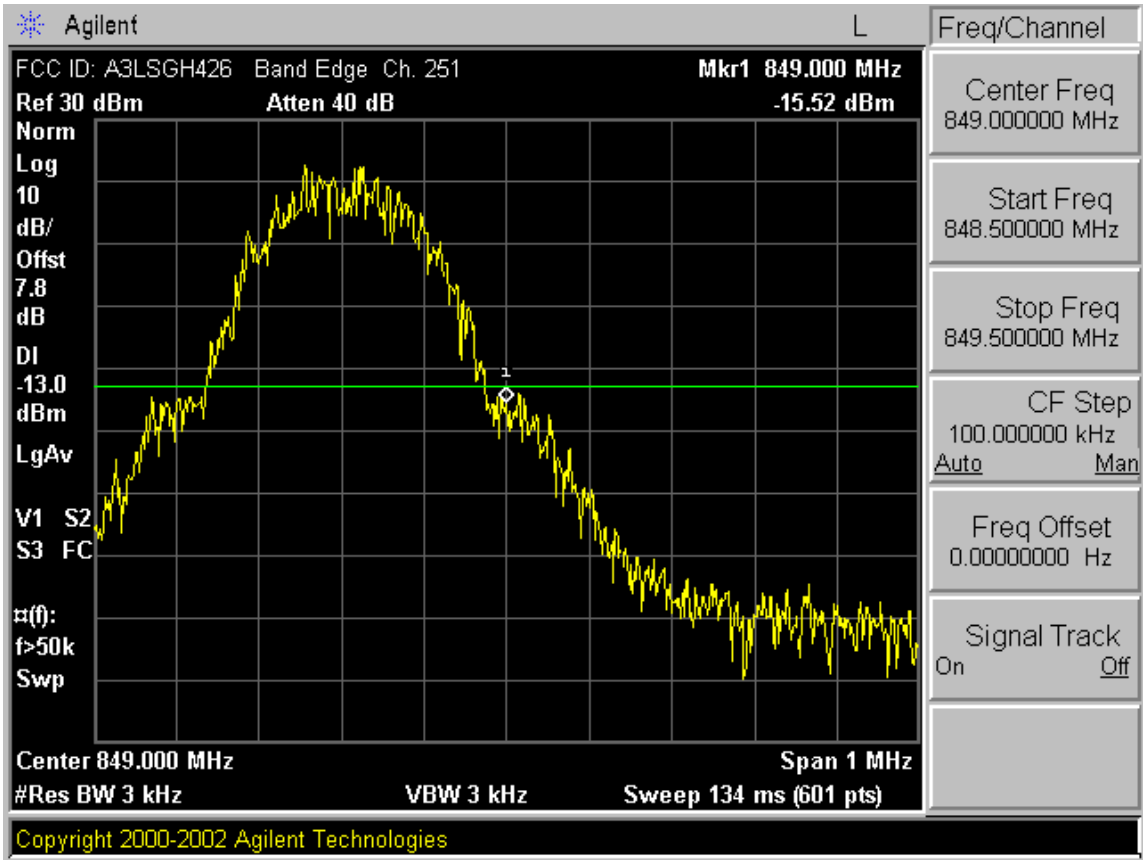
Agilent
L
Freq/Channel
FCC ID: A3LSGH426 Band Edge Ch. 251
Mkr1 849.000 MHz
Ref 30 dBm
Atten 40 dB
-15.52 dBm
Norm
Log
10
dB/
Offst
7.8
dB
Dl
-13.0
dBm
LgAv
V1 S2
S3 FC
¤(f):
f>50k
Swp
Center 849.000 MHz
Span 1 MHz
#Res BW 3 kHz
VBW 3 kHz
Sweep 134 ms (601 pts)
Center Freq
849.000000 MHz
Start Freq
848.500000 MHz
Stop Freq
849.500000 MHz
CF Step
100.000000 kHz
Auto
Man
Freq Offset
0.00000000 Hz
Signal Track
On
Off
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