MSUNG ELECTRONICS Co., Ltd.,
Regulatory Compliance Team
IT R&D Center
416, Maetan-3dong,
Paldal-gu, Suwon-si,
Gyeonggi-do, Korea 442-742

FCC CFR47 PART 24 SUBPART CERTIFICATION TEST DATA

Model Tested:	SGH-D100
FCC ID (Requested):	A3LSGHD100
Report No:	FA-010-R1
Date issued:	May 29,2003

- Abstract –
All measurement reported herein accordance with FCC Rules, 47CFR Part2, Part24.

Prepared By _____ **Date** May 29, 2003

JH NAM – Test Engineer

Checked By _____ **Date** May 30, 2003

CW PARK - Manager

Authorized By _____ **Date** May 30, 2003

JK CHOI – Senior Manager

Test Equipment

Name of Equipment	Model	Serial No.	Due Date
Spectrum Analyzer	ESI26(20Hz~26.5GHz)	836119/010	2004-02-04
	E4440B(3Hz~26.5GHz)	MY41000236	2003-11-25
	E4440B(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	PL-4S(Temperature/Humidity)	13005454	2003-08-20
	SH-241	92000548	2003-12-12
	SH-241	92000549	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
Log Periodic Dipole 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 : A3LSGHD100

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	-12.17	8.18	-20.35
		V	-12.18	8.18	-20.36

■ Result

Frequency (MHz)	From EUT Tested level (dBm)	POL (H/V)	Azimuth (angle)	EIRP (dBm)	EIRP (W)	Battery
1850.20	-17.70	H1	126	29.65	0.923	Standard
1880.00	-18.53	H1	128	28.82	0.762	Standard
1909.80	-19.34	H1	120	28.01	0.632	Standard

Frequency (MHz)	From EUT Tested level (dBm)	POL (H/V)	Azimuth (angle)	EIRP (dBm)	EIRP (W)	Battery
1850.20	-17.83	H1	131	29.52	0.895	SLIM
1880.00	-18.62	H1	128	28.73	0.746	SLIM
1909.80	-19.40	H1	122	27.95	0.624	SLIM

Effective Radiated Power Output Measurements by Substitution Method according to ANSI/TIA/EIA-603-A-2001, □ Aug. 15, 2001:□

□

The EUT was placed on a wooden turn table 3-meters from the receive antenna. The receive antenna height and □ turntable rotation was adjusted for the highest reading on the receive spectrum analyzer. A half-wave dipole was □ substituted in place of the EUT. This dipole antenna was driven by a signal generator and the level of the signal □ generator was adjusted to obtain the same receive spectrum analyzer reading. The conducted power at the terminals of □ the dipole is measured. The ERP is recorded.

FCC ID : A3LSGHD100

Field Stength of SPURIOUS Radiation

Operating Frequency : 1850.2 MHz

Measured Output Power : 29.65 dBm = 0.923 W

Modulation Signal : PCS GSM

Limit : $43+10\log_{10}(W)$ = 42.65 dBc

■ Result

Channel	Harmonic	Frequency (MHz)	From EUT Tested level (dBm)	POL (H/V)	Result (dBc)
512	2	3700.40	-40.47	V	46.65
	3	5550.60	-60.75	V	62.64
	4	7400.80	-60.82	H2	59.27
	5	9251.00	-63.61	H2	58.46
	6	11101.20	-60.14	H2	51.26
	7	12951.40	-80.20	H2	69.32
	8	14801.60	-	-	-
661	2	3760.00	-53.64	H1	59.97
	3	5640.00	-60.37	H2	63.06
	4	7520.00	-59.69	H2	58.32
	5	9400.00	-62.62	H2	58.00
	6	11280.00	-81.94	H2	71.41
	7	13160.00	-	-	-
	8	15040.00	-	-	-
810	2	3819.60	-42.50	H2	50.57
	3	5729.40	-53.09	H2	55.57
	4	7639.20	-58.66	H2	57.67
	5	9549.00	-67.35	H2	61.81
	6	11458.80	-79.46	H2	68.39
	7	13368.60	_	_	_
	8	15278.40	_	_	_

Radiated Spurious & Harmonic Conversion Table

FCC ID : A3LSGHD100 Mode : GSM1900

EIRP : 29.65dBm

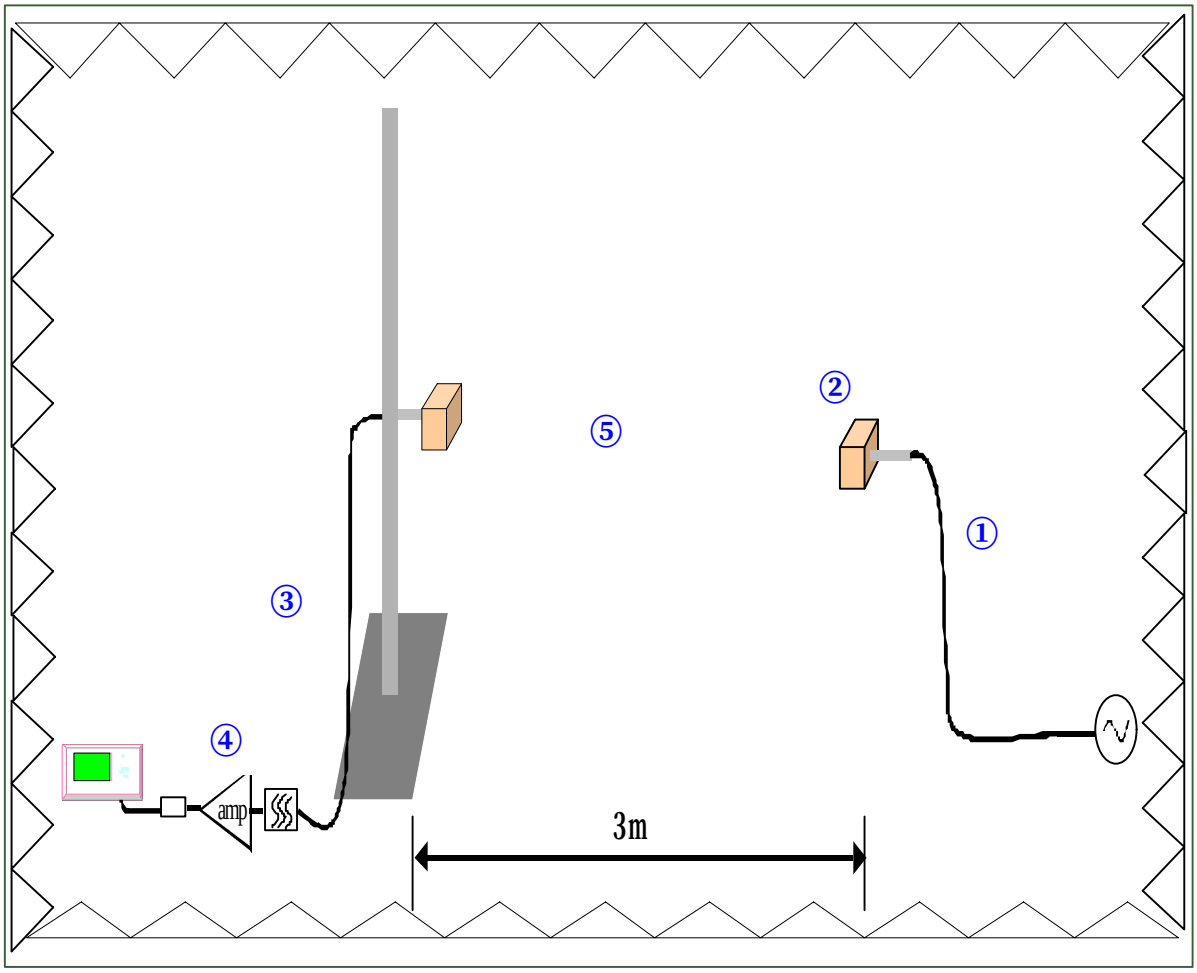
Date : 2003 . 05 . 26 ~ 05 . 27

Test Engineer : JH Nam

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	차수	Frequency (MHz)	① Tx CL (dB)	② Horn Gain (dB)	Tx Level (Horn 끝단) S/G 10dBm	⑥ Tested Level Ant : H (dBm)	⑥ Tested Level Ant : V (dBm)	⑦ Actual Value Ant : H (dBm)	⑦ Actual Value Ant : V (dBm)	⑧ Result Ant : H (dBc)	⑧ Result Ant : V (dBc)
512	2	3700.40	13.59	8.87	5.28	-51.94	-40.47	-28.86	-17.00	58.51	46.65
	3	5550.60	18.53	10.60	2.07	-61.26	-60.75	-33.54	-32.99	63.19	62.64
	4	7400.80	22.30	10.83	-1.47	-60.82	-70.43	-29.62	-40.35	59.27	70.00
	5	9251.00	26.05	11.56	-4.49	-63.61	-65.18	-28.81	-30.76	58.46	60.41
	6	11101.20	30.22	12.79	-7.43	-60.14	-81.08	-21.61	-42.49	51.26	72.14
	7	12951.40	35.07	12.66	-12.41	-80.20	-	-39.67	-	69.32	-
	8	14801.60	39.97	12.69	-17.28	-	-	-	-	-	-
661	2	3760.00	13.75	8.98	5.23	-53.64	-58.89	-30.32	-35.72	59.97	65.37
	3	5640.00	18.47	10.60	2.13	-60.37	-62.99	-33.41	-35.54	63.06	65.19
	4	7520.00	22.44	10.83	-1.61	-59.69	-62.65	-28.67	-32.73	58.32	62.38
	5	9400.00	26.83	11.60	-5.23	-62.62	-69.11	-28.36	-35.71	58.01	65.36
	6	11280.00	30.39	12.93	-7.46	-81.94	-85.05	-41.79	-45.18	71.44	74.83
	7	13160.00	37.44	12.64	-14.80	-	-	-	-	-	-
	8	15040.00	41.49	12.70	-18.79	-	-	-	-	-	-
810	2	3819.60	15.24	8.98	3.74	-42.50	-49.74	-20.92	-27.97	50.57	57.62
	3	5729.40	19.14	10.73	1.59	-53.09	-62.89	-25.86	-35.31	55.51	64.96
	4	7639.20	23.72	10.87	-2.85	-58.66	-62.18	-28.02	-32.64	57.67	62.29
	5	9549.00	26.73	11.67	-5.06	-67.35	-68.57	-32.16	-33.65	61.81	63.30
	6	11458.80	30.60	12.90	-7.70	-79.46	-84.04	-38.74	-43.22	68.39	72.87
	7	13368.60	42.74	12.65	-20.09	-	-	-	-	-	-
	8	15278.40	43.00	12.73	-20.27	-	-	-	-	-	-

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 : A3LSGHD100

Frequency Stability (PCS GSM)

Operating Frequency : 1,880,000,000 Hz

Channel : 661

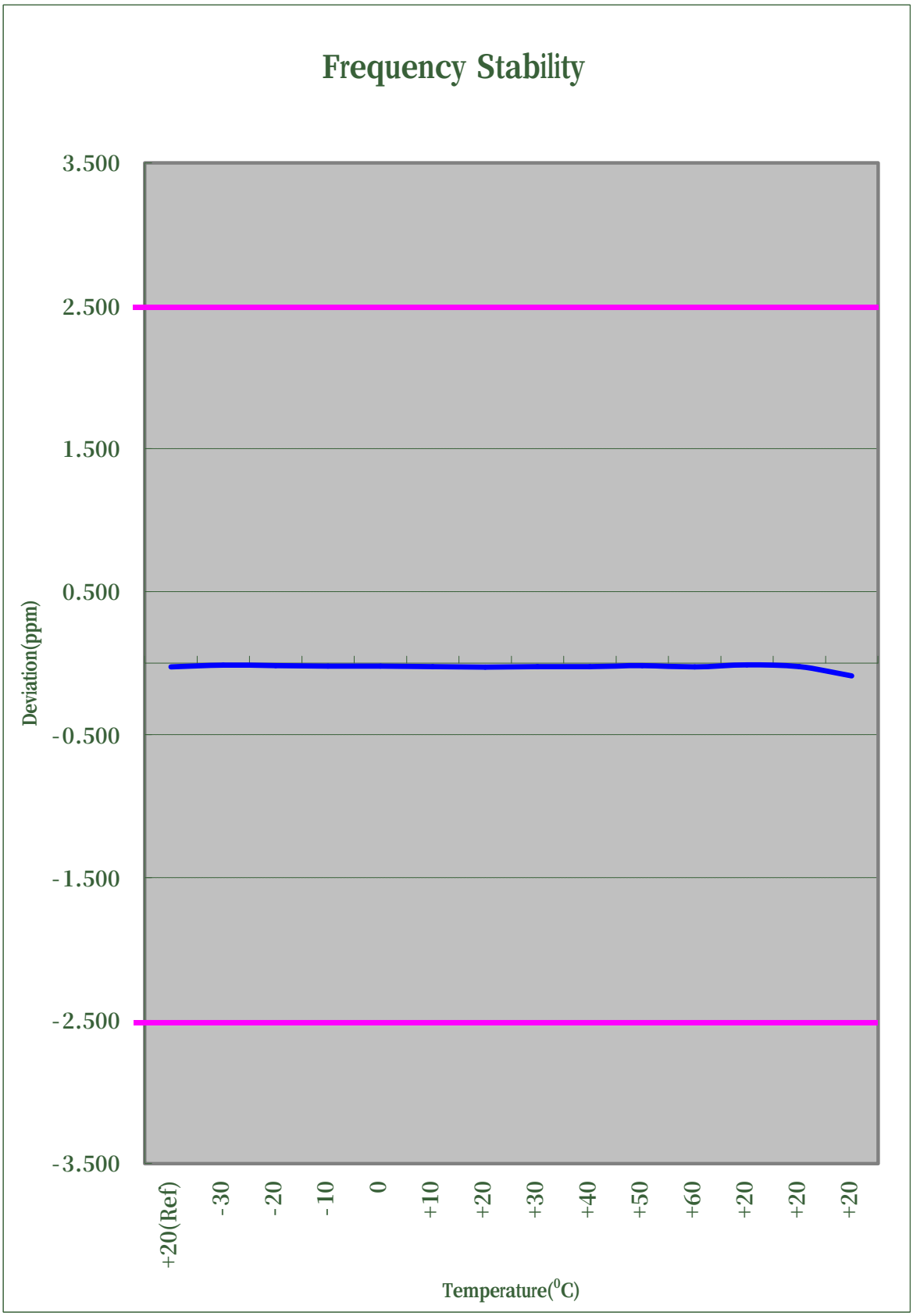
Reference voltage : 3.7VDC

Deviation Limit : ± 0.00025 % or 2.5ppm

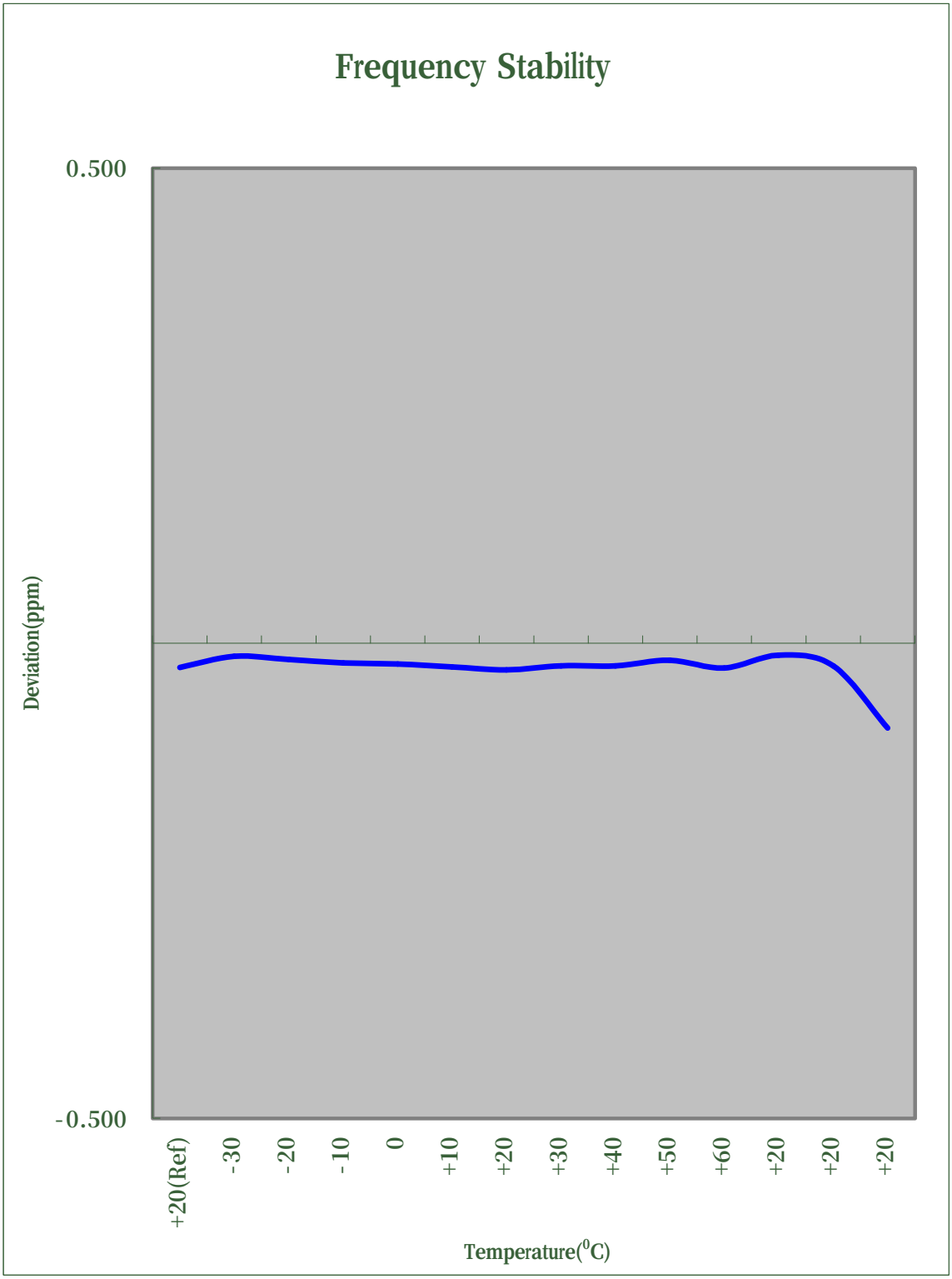
Voltage (%)	Power (V dc)	TEMP (OC)	Frequency error (Hz)	Frequency (Hz)	Deviation (%)	ppm
100%	3.70	+20(Ref)	-48	1,879,999,952	-0.000003	-0.026
100%		-30	-26	1,879,999,974	-0.000001	-0.014
100%		-20	-32	1,879,999,968	-0.000002	-0.017
100%		-10	-39	1,879,999,961	-0.000002	-0.021
100%		0	-41	1,879,999,959	-0.000002	-0.022
100%		+10	-47	1,879,999,953	-0.000003	-0.025
100%		+20	-53	1,879,999,947	-0.000003	-0.028
100%		+30	-45	1,879,999,955	-0.000002	-0.024
100%		+40	-45	1,879,999,955	-0.000002	-0.024
100%		+50	-34	1,879,999,966	-0.000002	-0.018
100%		+60	-49	1,879,999,951	-0.000003	-0.026
85%	3.15	+20	-24	1,879,999,976	-0.000001	-0.013
115%	4.26	+20	-45	1,879,999,955	-0.000002	-0.024
Batt. Endpoint	3.12	+20	-168	1,879,999,832	-0.000009	-0.089

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

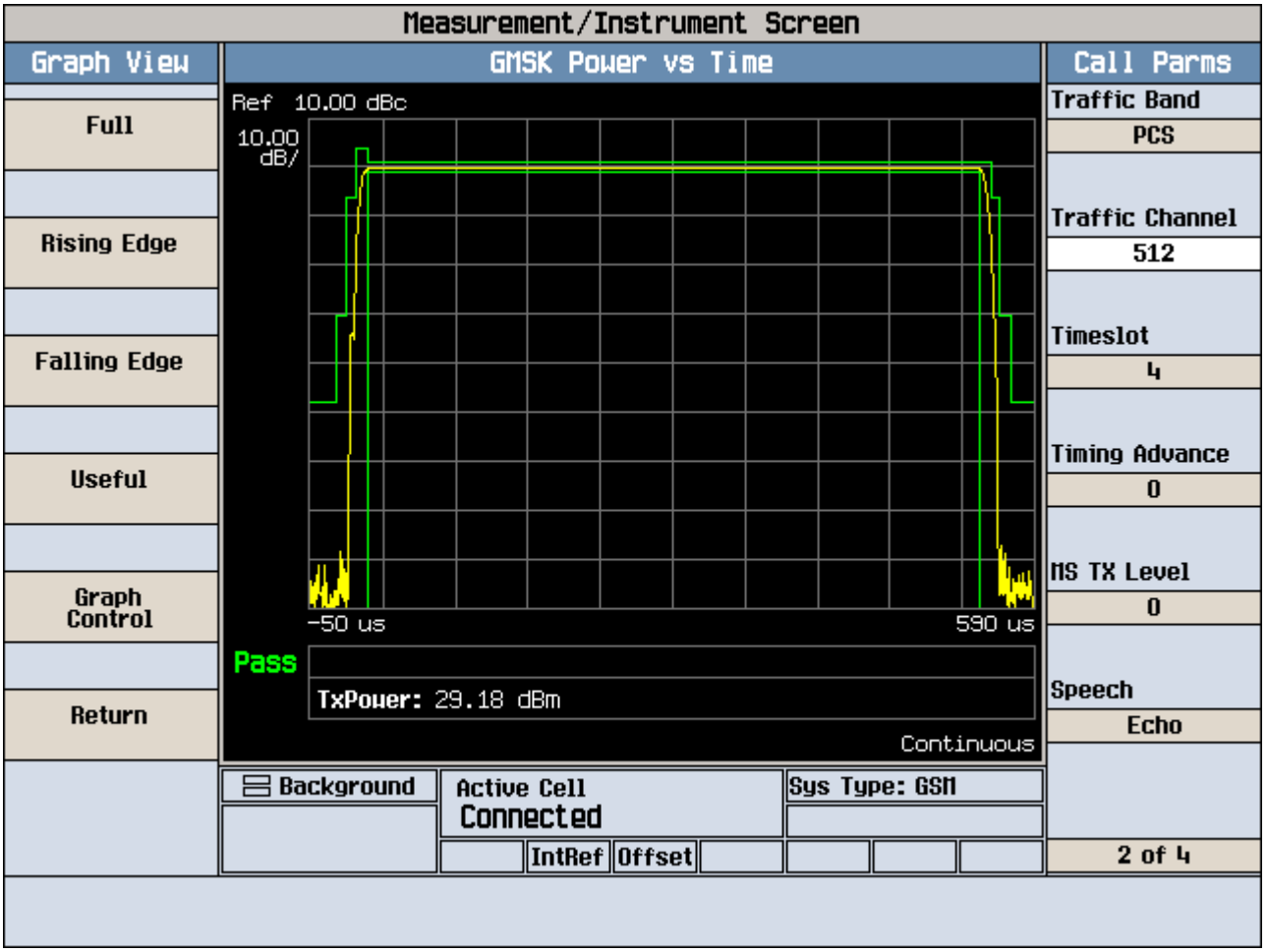
The EUT is tested down to the battery end point.


Frequency Stability
3.500
2.500
1.500
0.500
-0.500
-1.500
-2.500
-3.500
Deviation(ppm)
+20(Ref)
-30
-20
-10
0
+10
+20
+30
+40
+50
+60
+20
+20
+20
Temperature(0C)

Zoom In


Frequency Stability
0.500
-0.500
Deviation(ppm)
+20(Ref)
-30
-20
-10
0
+10
+20
+30
+40
+50
+60
+20
+20
+20
Temperature(0C)

FCC ID:A3LSGHD100 GMSK Power VS Time 512CH



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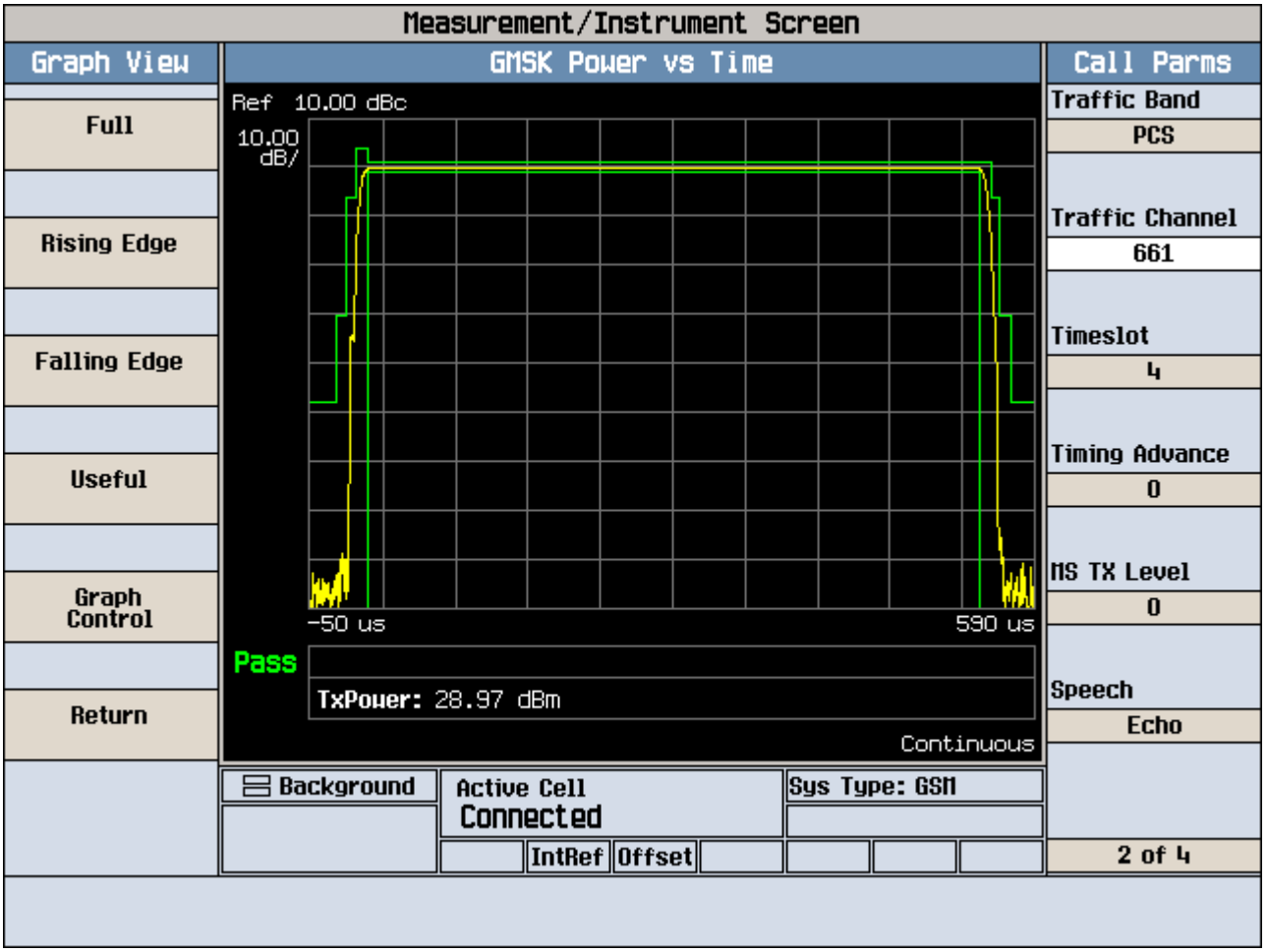

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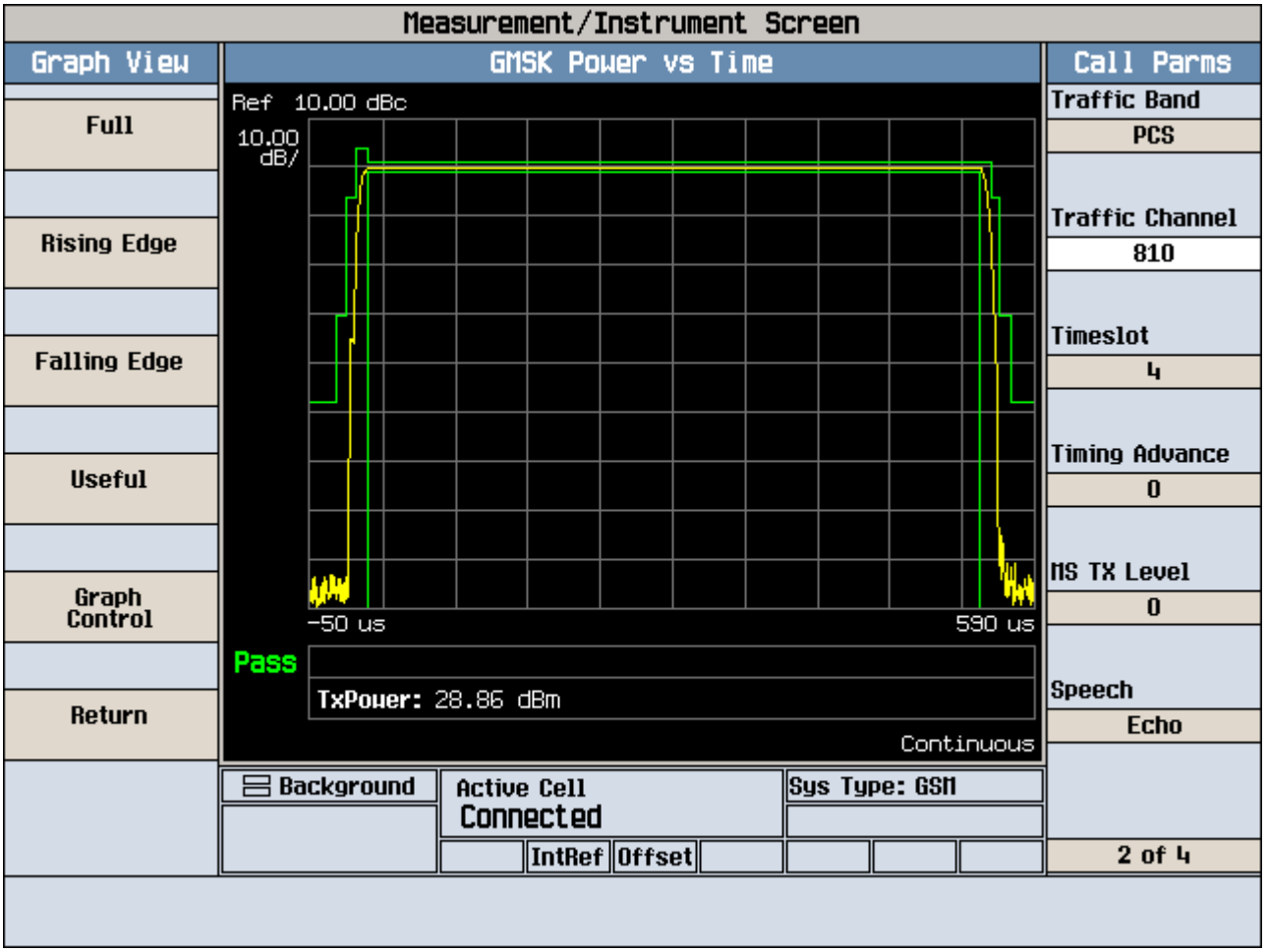
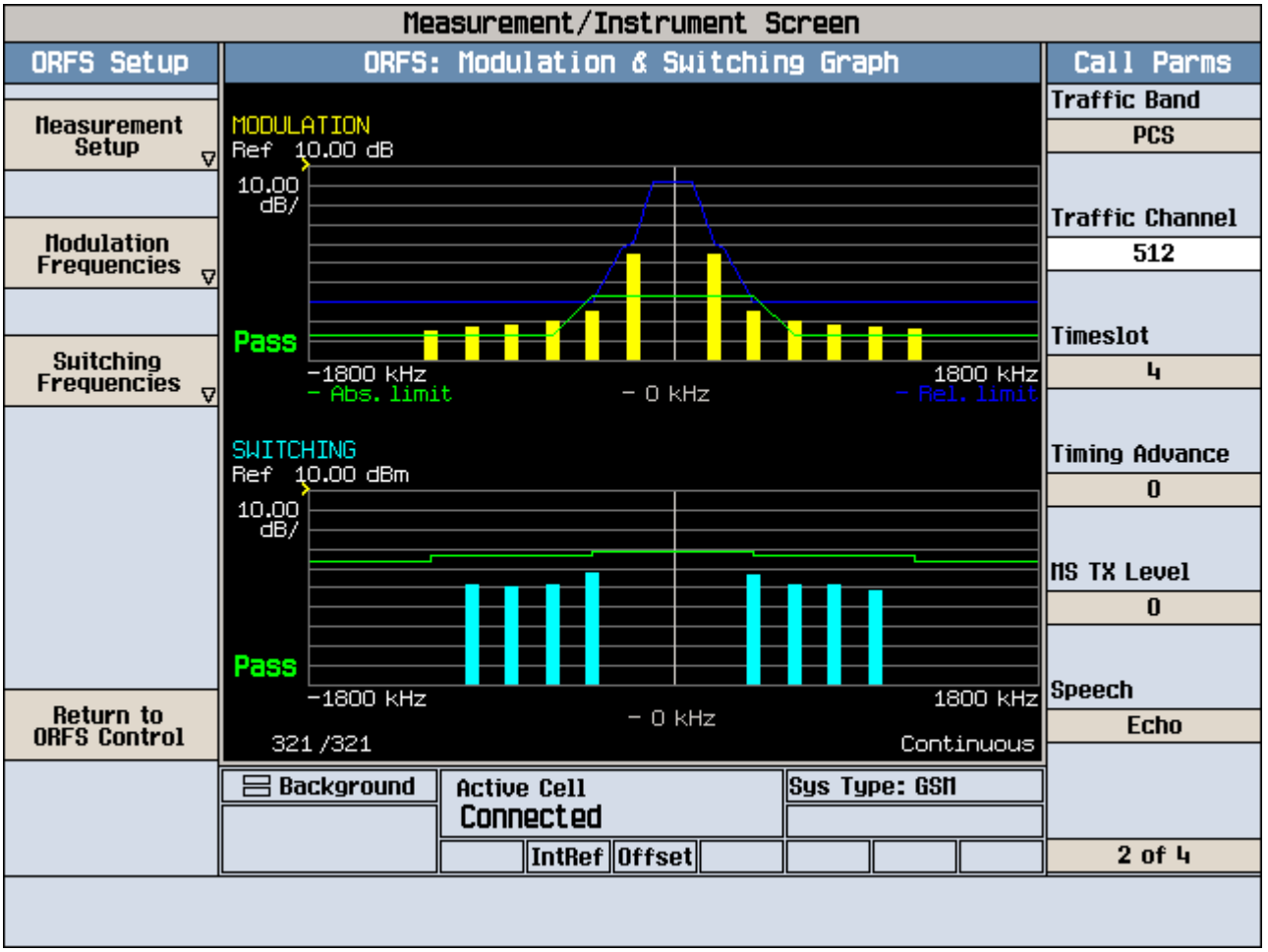


FCC ID:A3LSGHD100 Modulation & Switching 512CH



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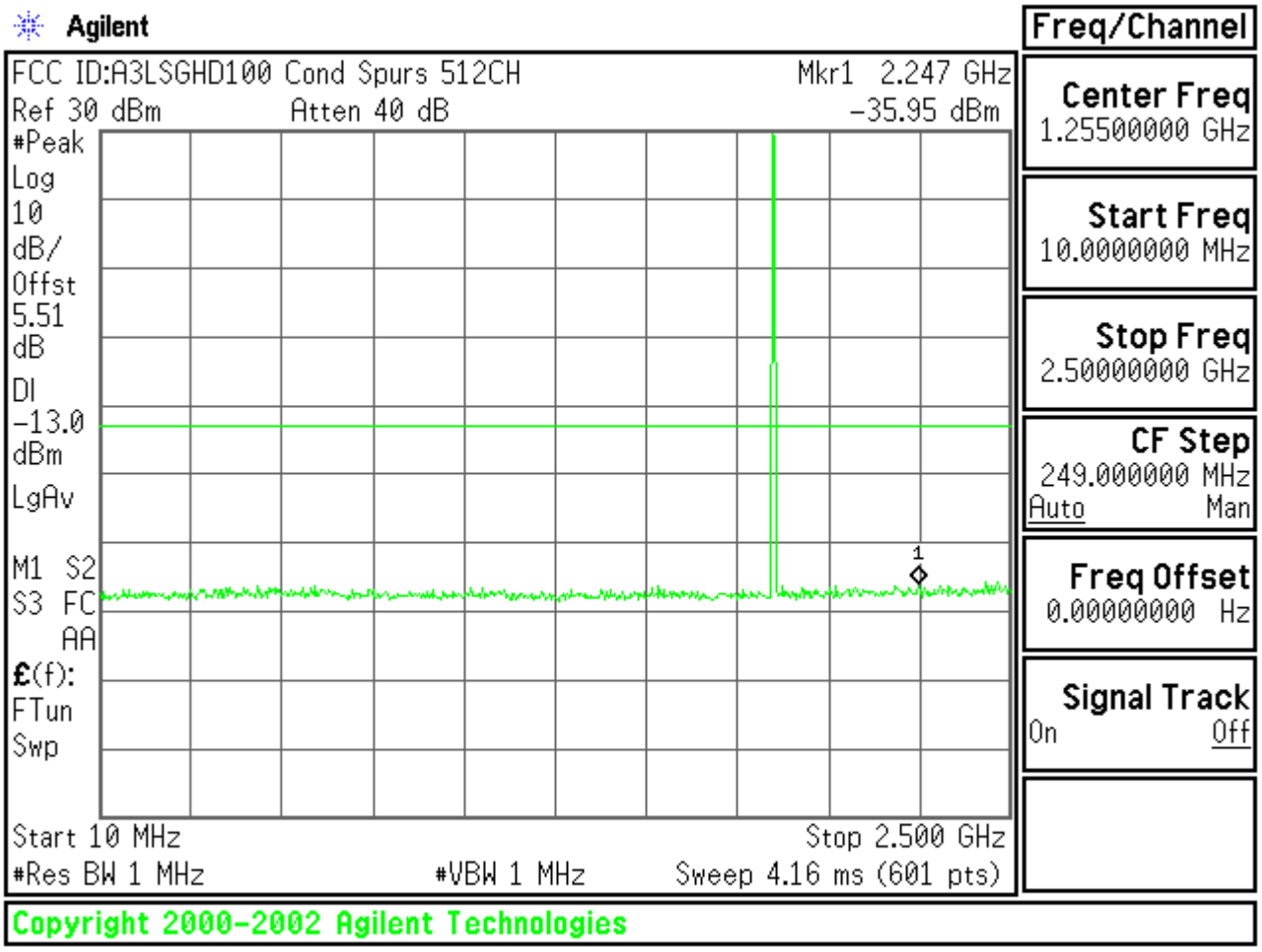
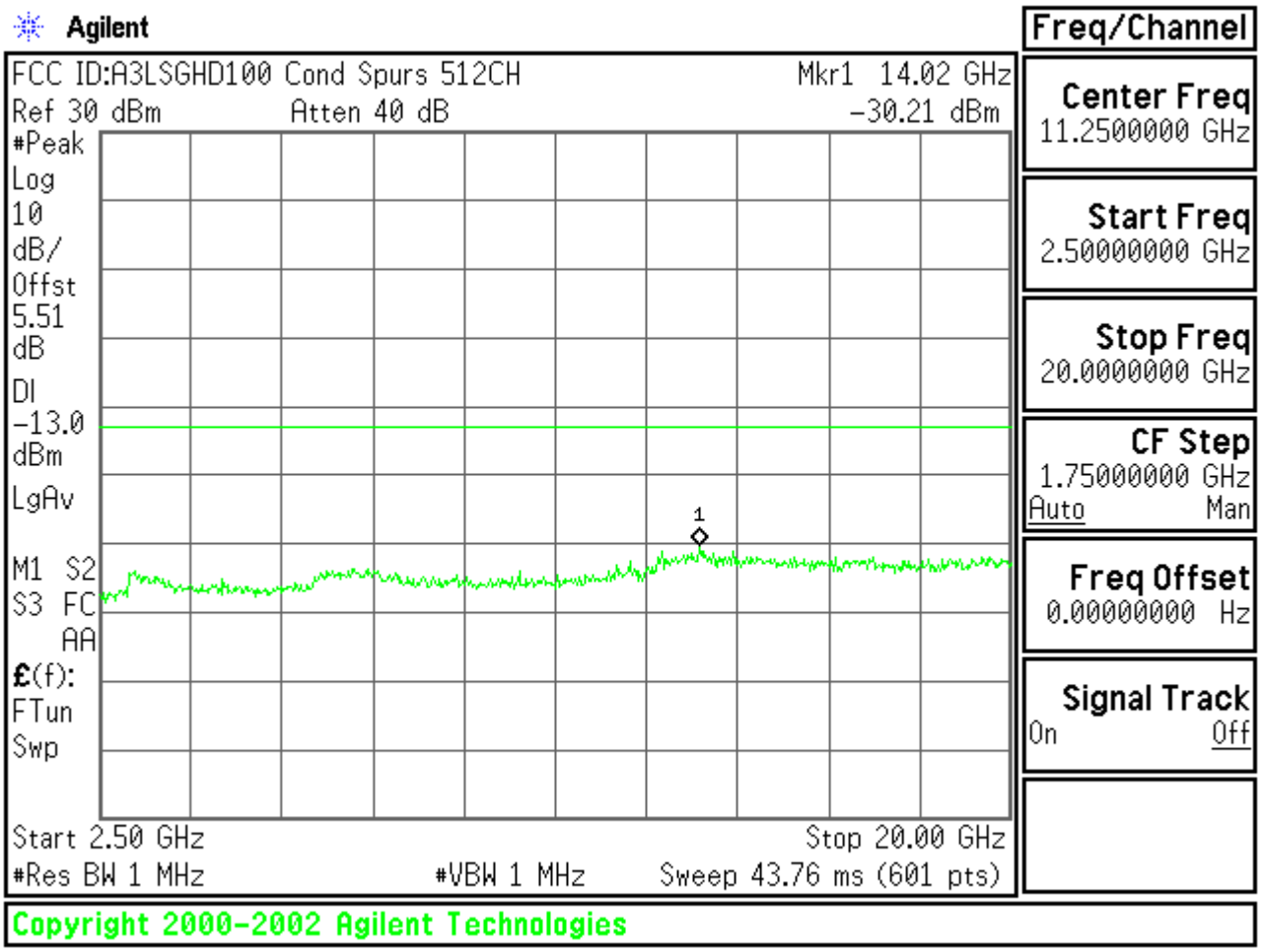
FCC ID:A3LSGHD100 Modulation & Switching 810CH


Agilent
FCC ID:A3LSGHD100 Cond Spurs 512CH
Mkr1 2.247 GHz
Ref 30 dBm
Atten 40 dB
-35.95 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
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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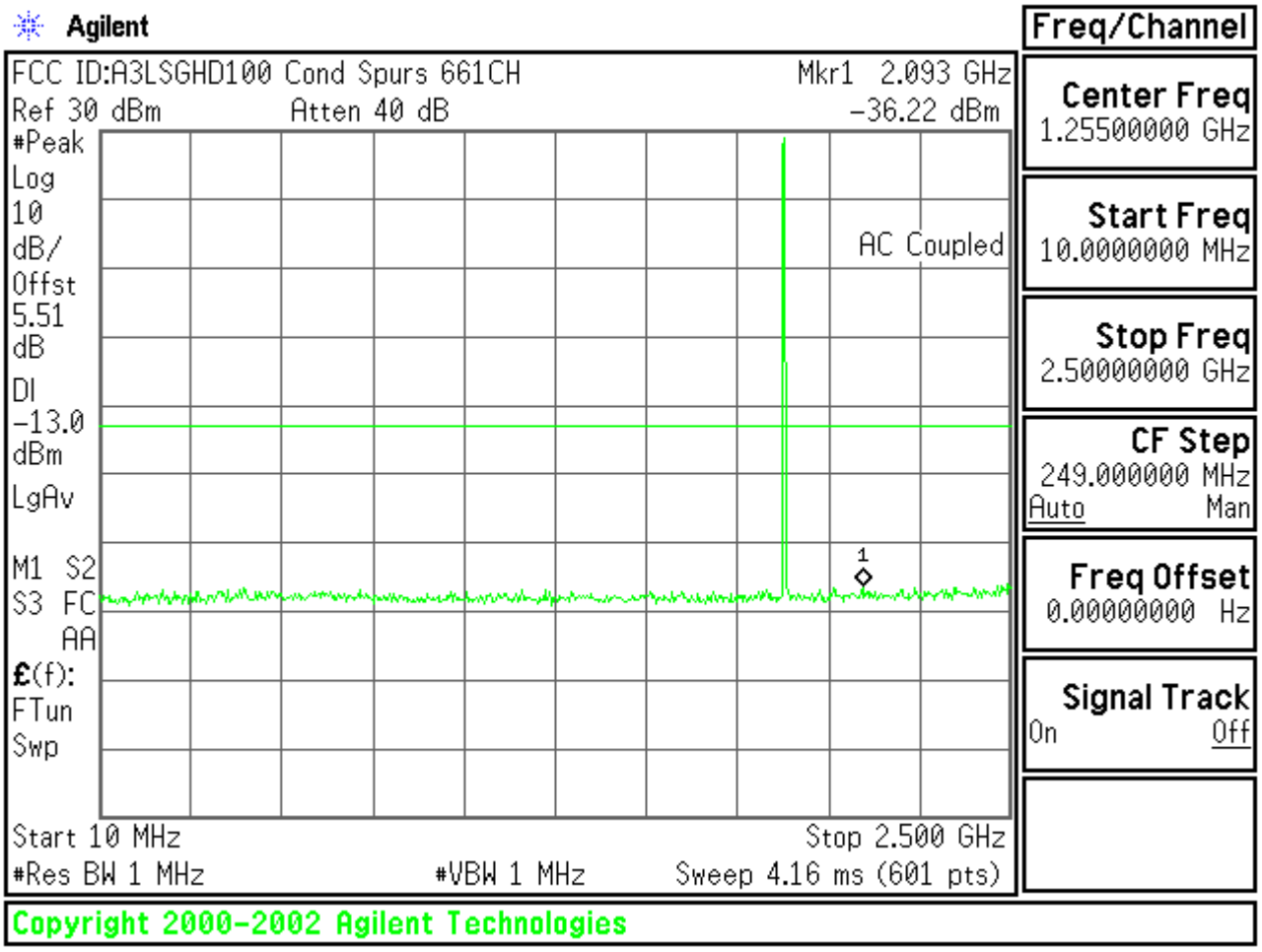
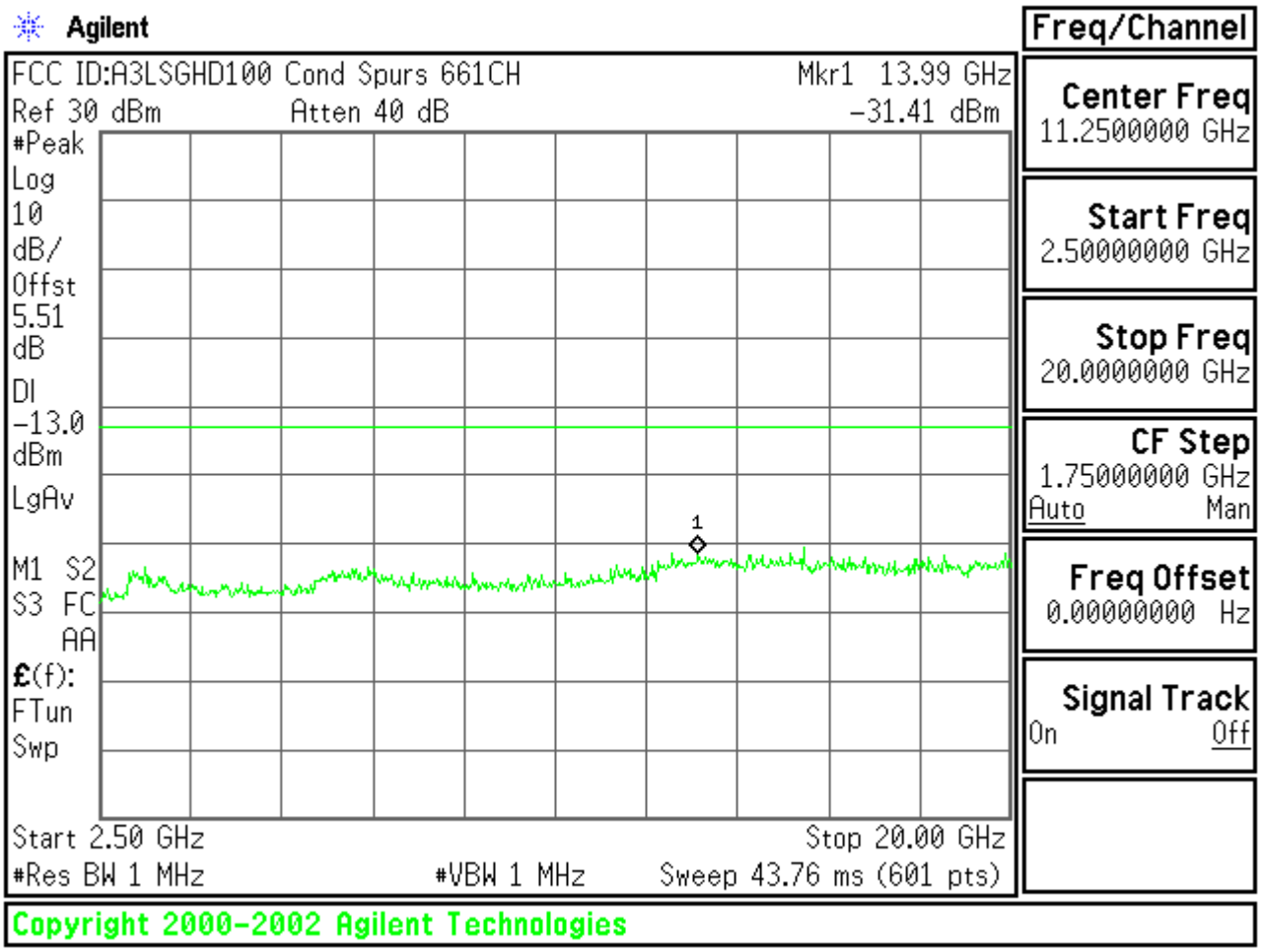
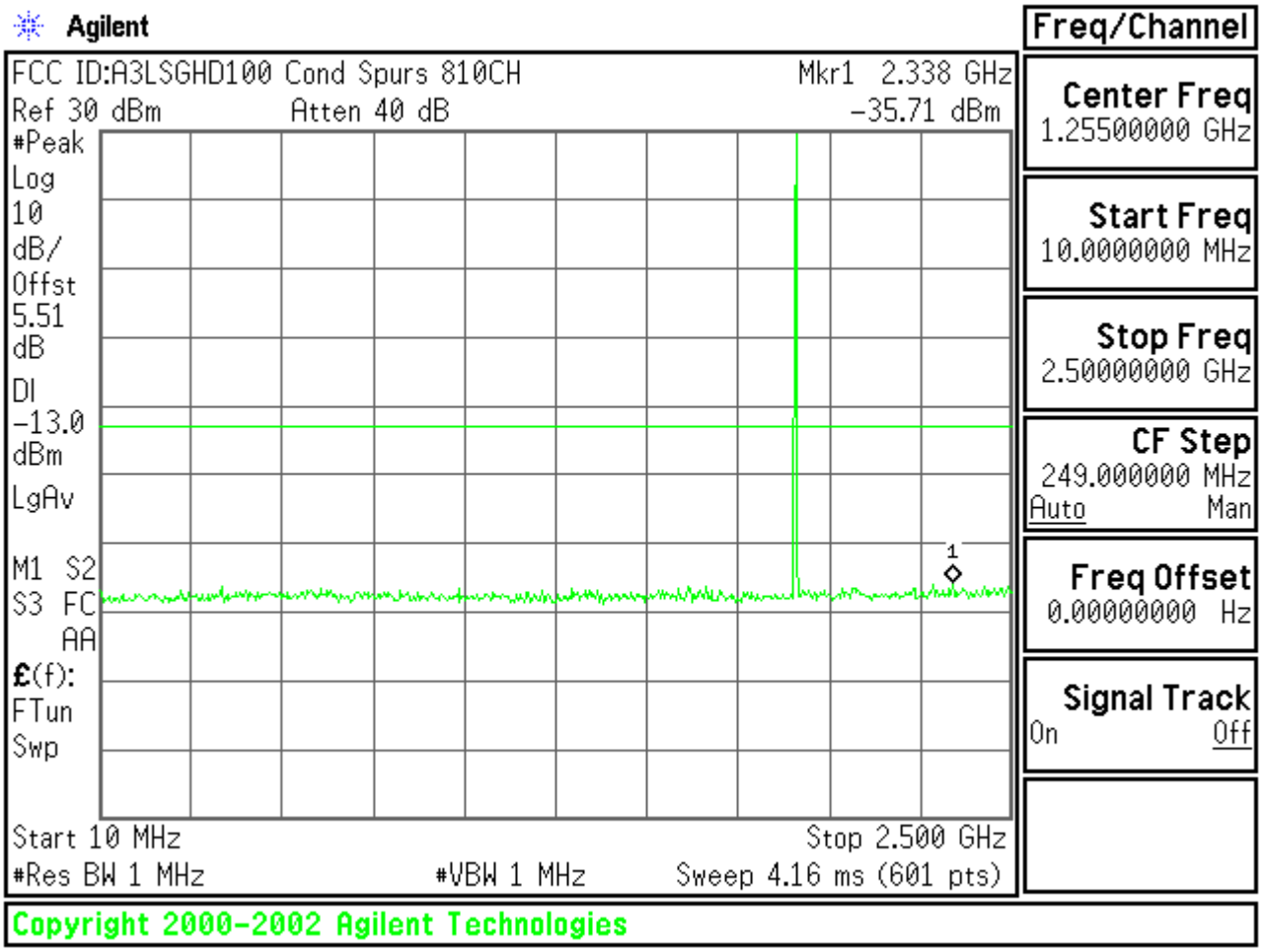
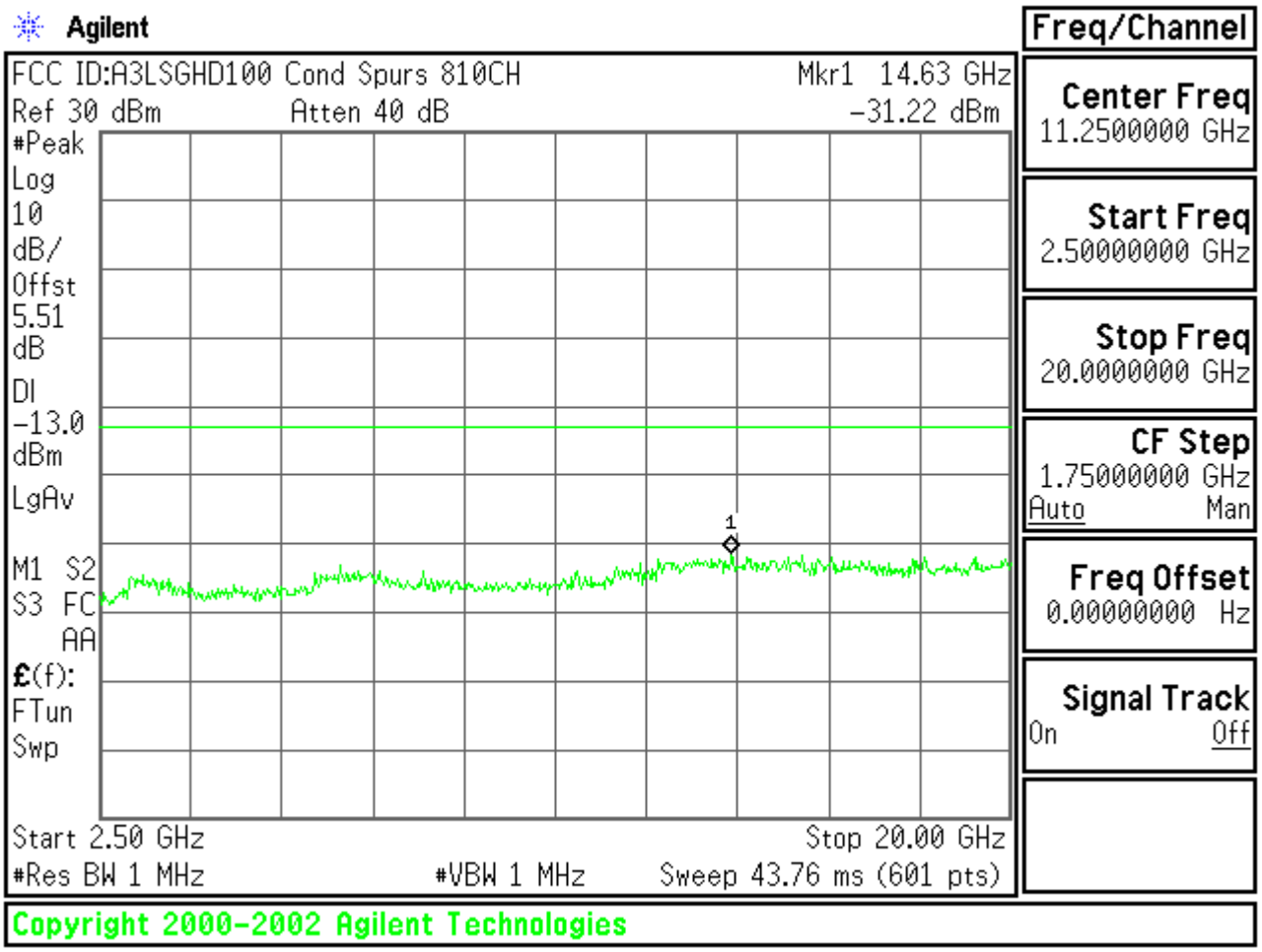
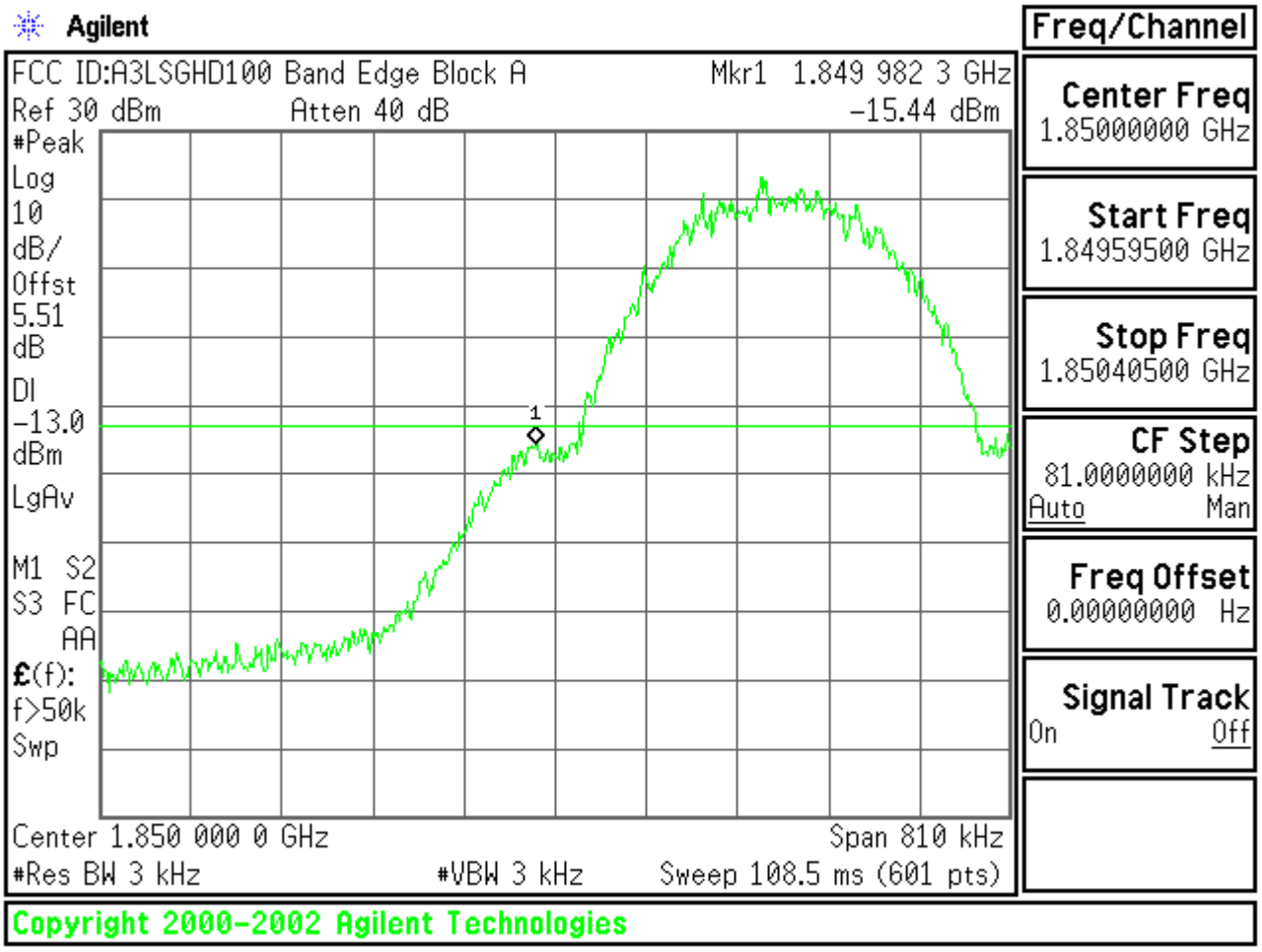
FCC ID:A3LSGHD100 Cond Spurs 512CH
Mkr1 14.02 GHz
Ref 30 dBm
Atten 40 dB
-30.21 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Start 2.50 GHz
Stop 20.00 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.76 ms (601 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start Freq
2.50000000 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

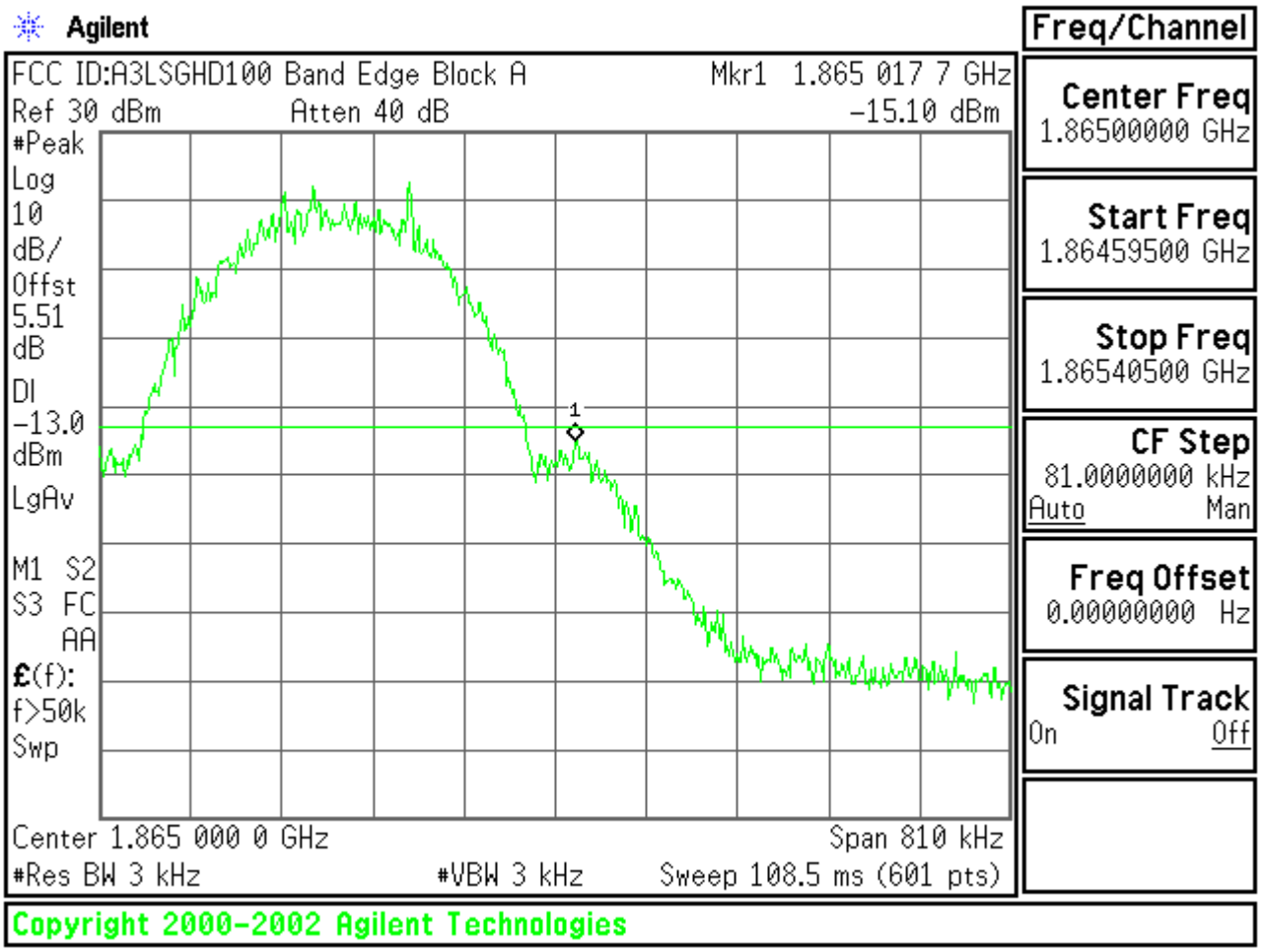

Agilent
FCC ID:A3LSGHD100 Cond Spurs 661CH
Mkr1 2.093 GHz
Ref 30 dBm
Atten 40 dB
-36.22 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
AC Coupled
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.16 ms (601 pts)
Freq/Channel
Center Freq
1.25500000 GHz
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

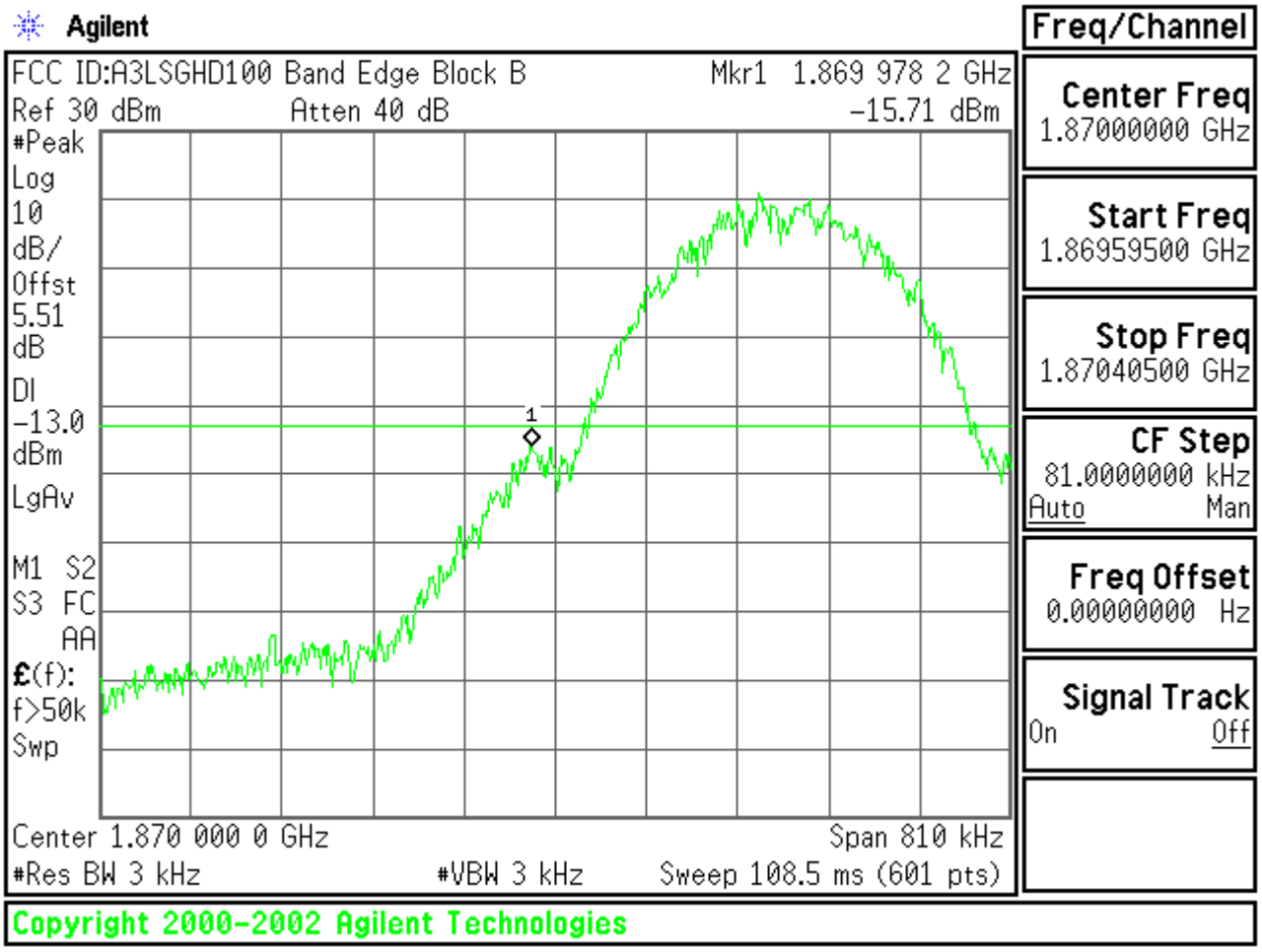

Agilent
FCC ID:A3LSGHD100 Cond Spurs 661CH
Mkr1 13.99 GHz
Ref 30 dBm
Atten 40 dB
-31.41 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Start 2.50 GHz
Stop 20.00 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.76 ms (601 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start Freq
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

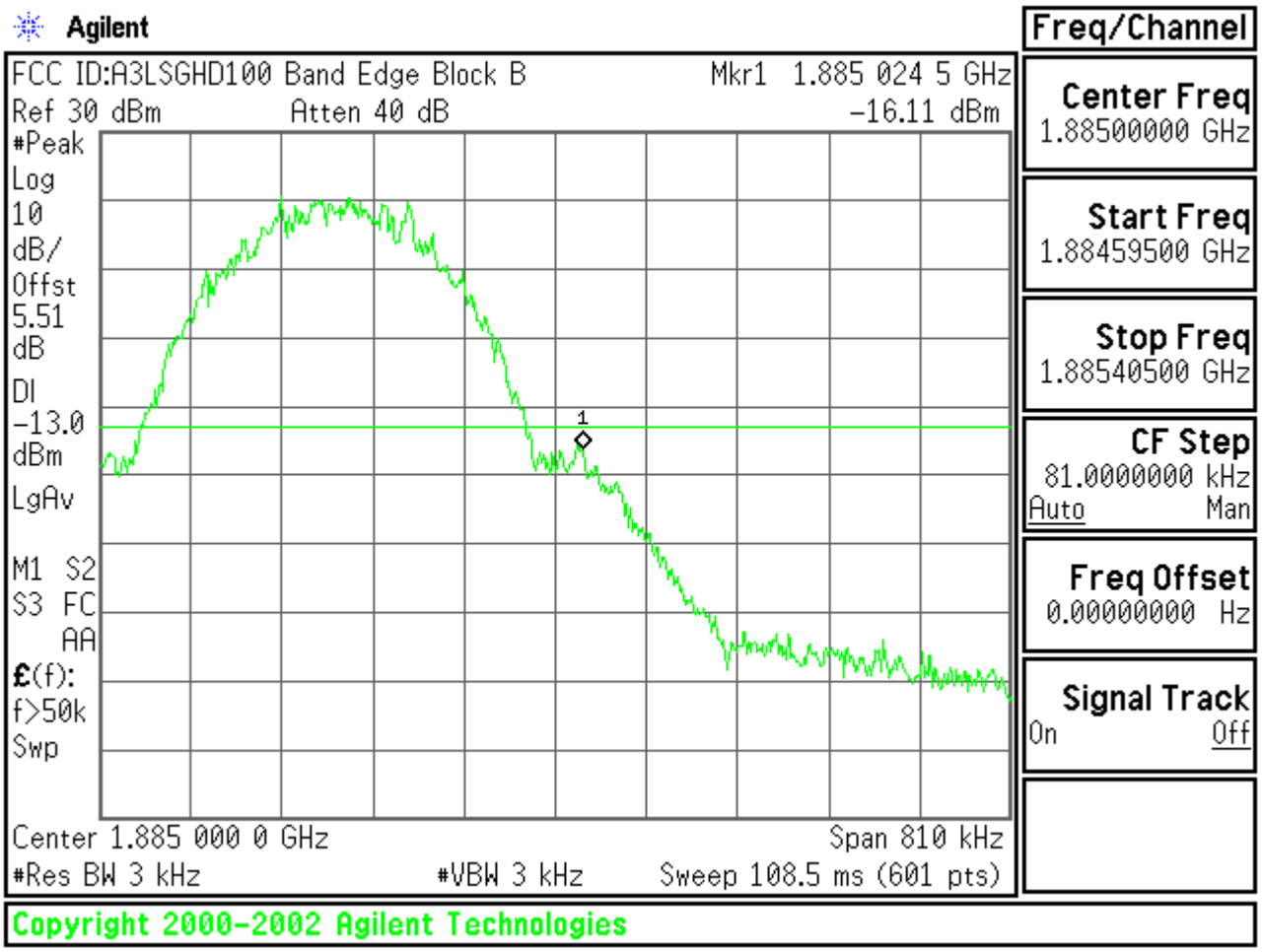

Agilent
FCC ID:A3LSGHD100 Cond Spurs 810CH
Mkr1 2.338 GHz
Ref 30 dBm
Atten 40 dB
-35.71 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Start 10 MHz
Stop 2.500 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.16 ms (601 pts)
Freq/Channel
Center Freq
1.25500000 GHz
Start Freq
10.0000000 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

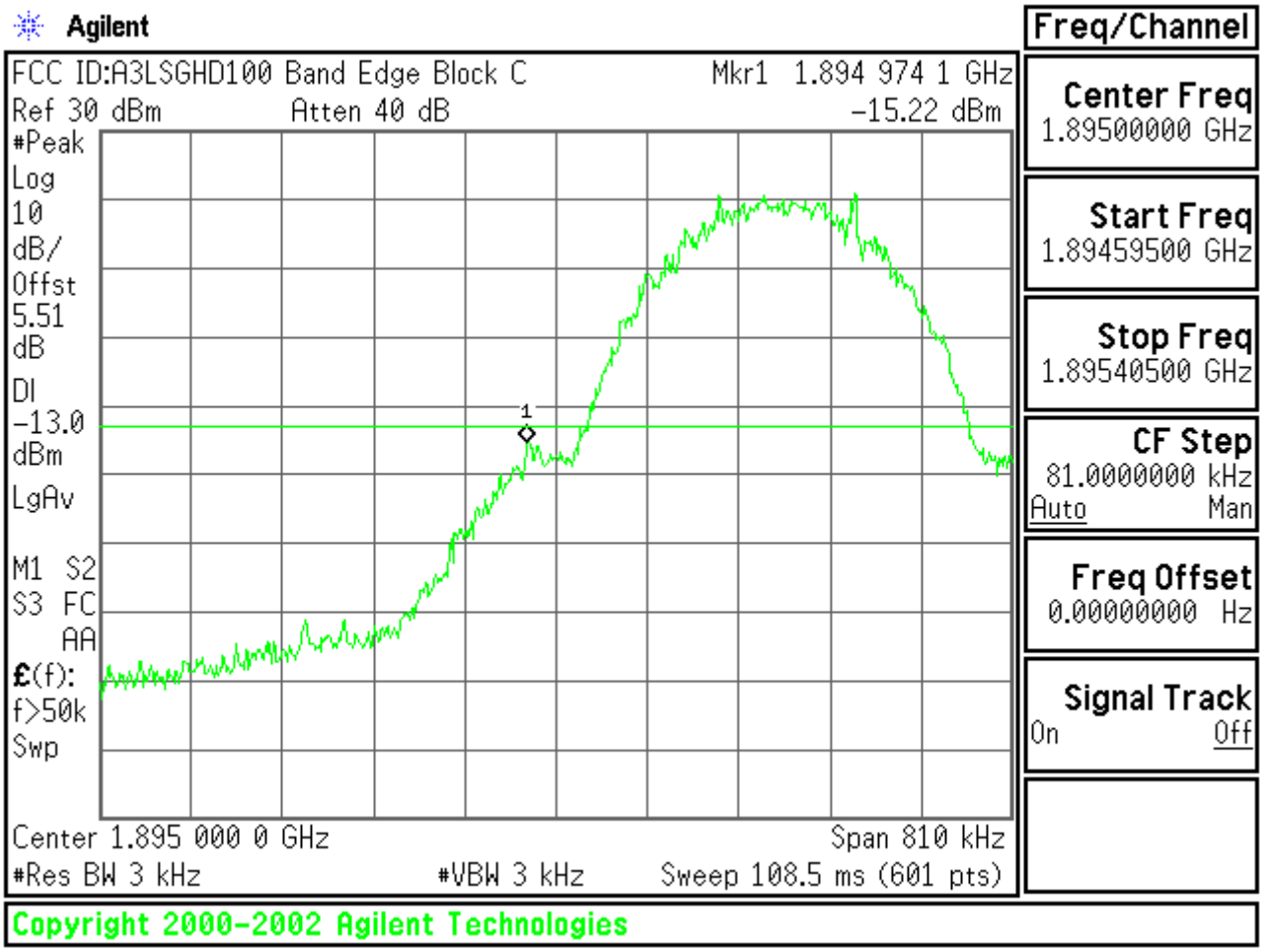

Agilent
FCC ID:A3LSGHD100 Cond Spurs 810CH
Mkr1 14.63 GHz
Ref 30 dBm
Atten 40 dB
-31.22 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Start 2.50 GHz
Stop 20.00 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.76 ms (601 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start Freq
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

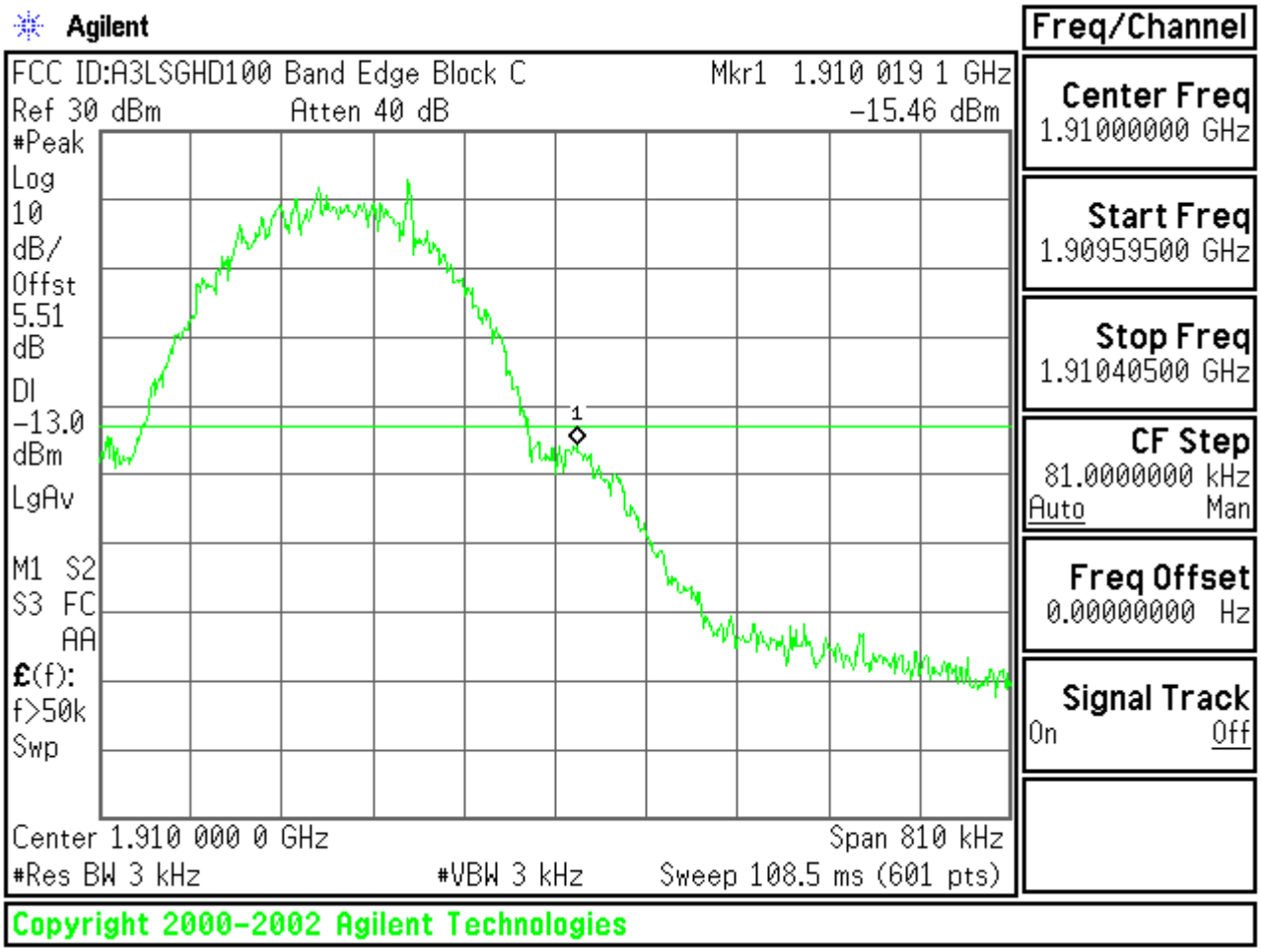

Agilent
FCC ID:A3LSGHD100 Band Edge Block A
Mkr1 1.849 982 3 GHz
Ref 30 dBm
Atten 40 dB
-15.44 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.850 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.85000000 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

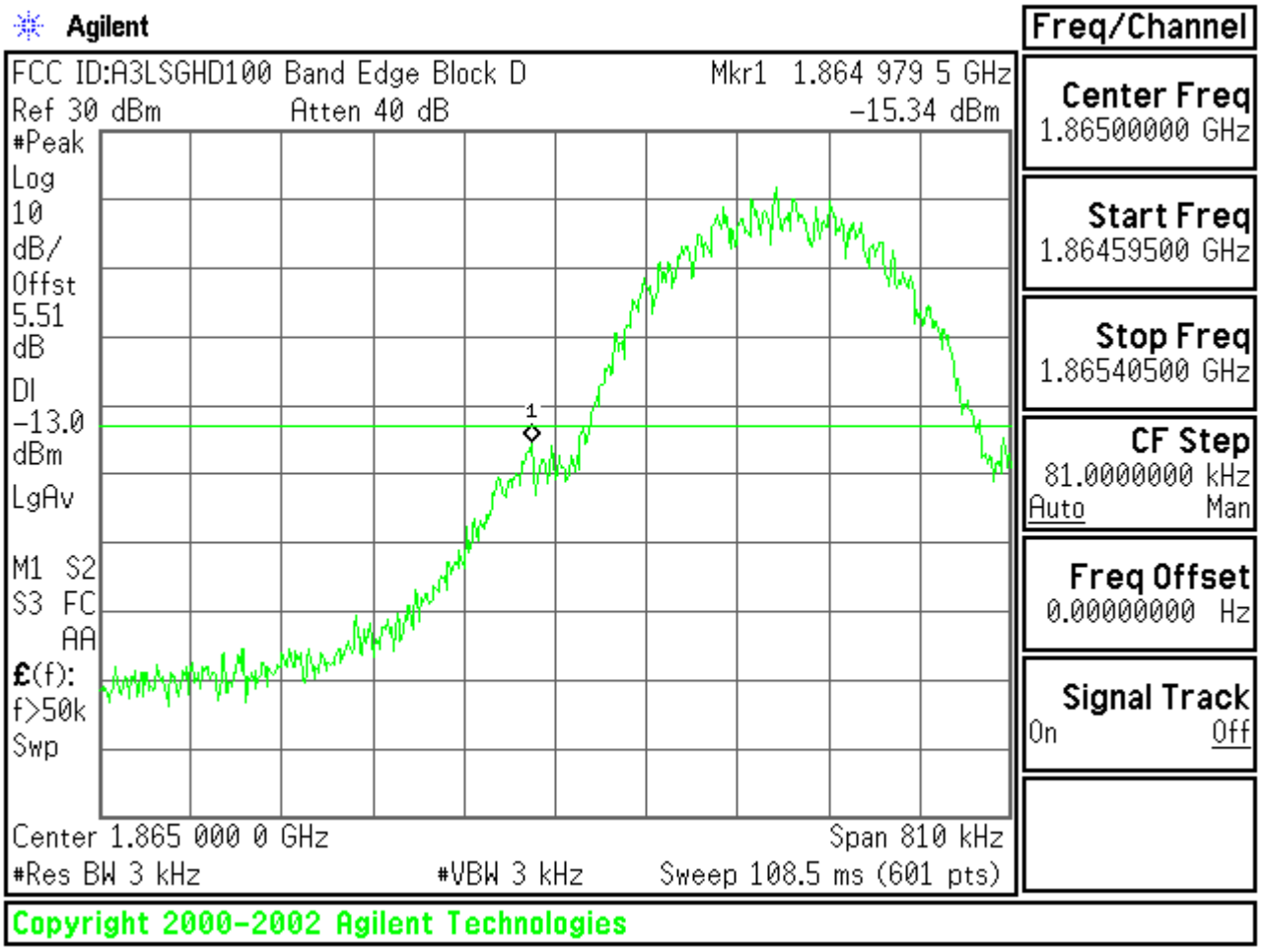

Agilent
FCC ID:A3LSGHD100 Band Edge Block A
Mkr1 1.865 017 7 GHz
Ref 30 dBm
Atten 40 dB
-15.10 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.865 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.86500000 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

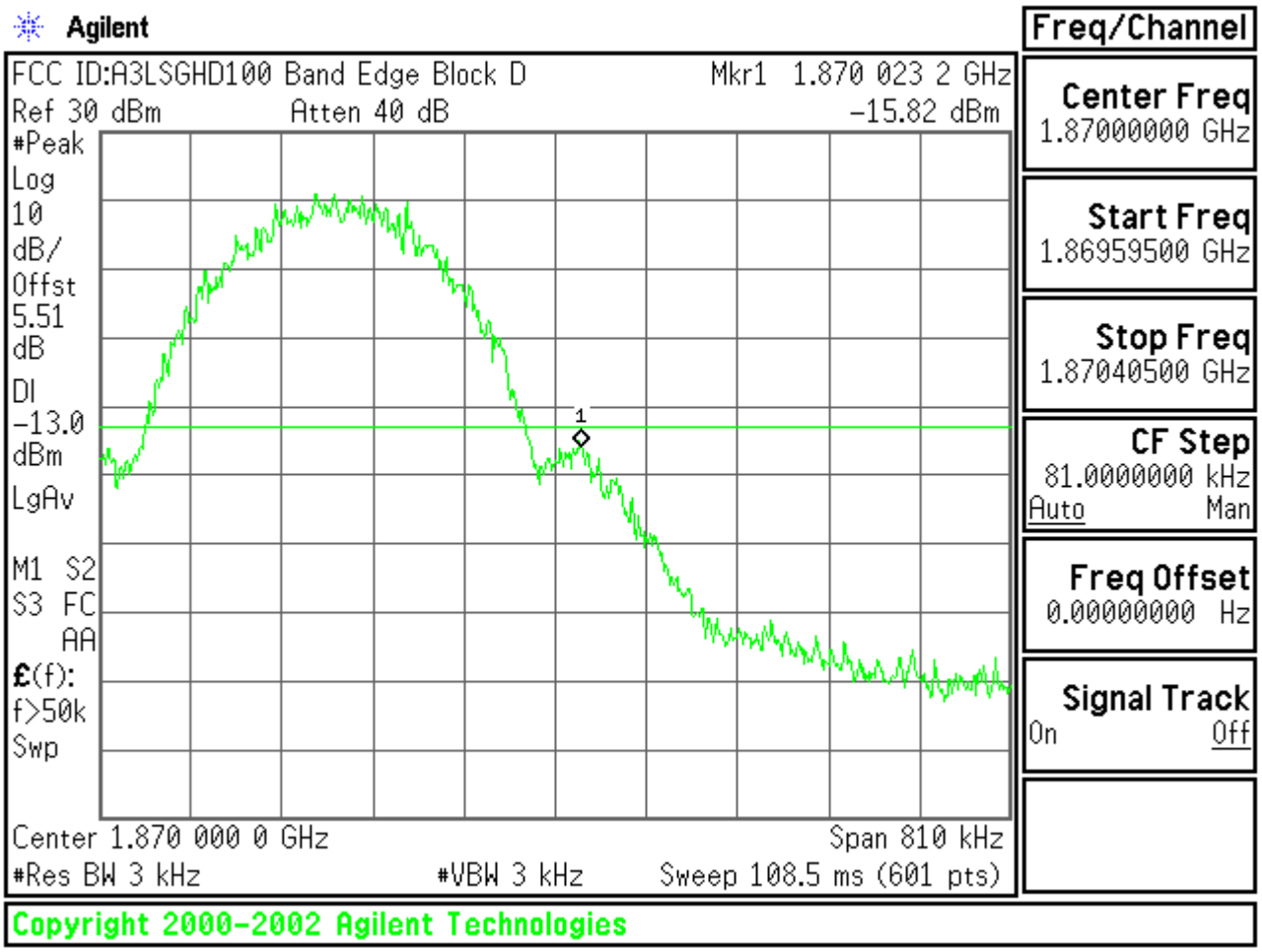

Agilent
FCC ID:A3LSGHD100 Band Edge Block B
Mkr1 1.869 978 2 GHz
Ref 30 dBm
Atten 40 dB
-15.71 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.870 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.87000000 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

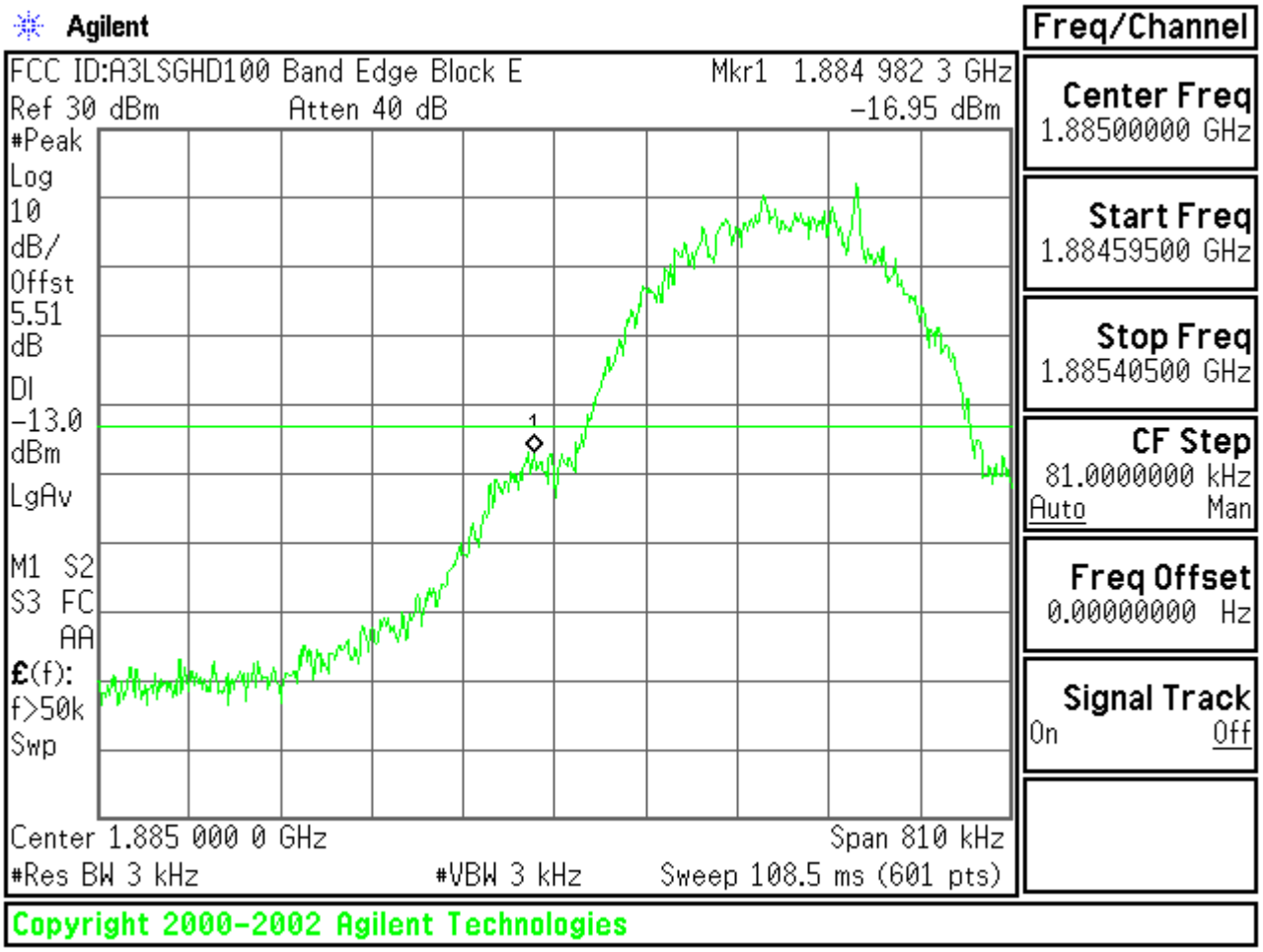

Agilent
FCC ID:A3LSGHD100 Band Edge Block B
Mkr1 1.885 024 5 GHz
Ref 30 dBm
Atten 40 dB
-16.11 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.885 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.88500000 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

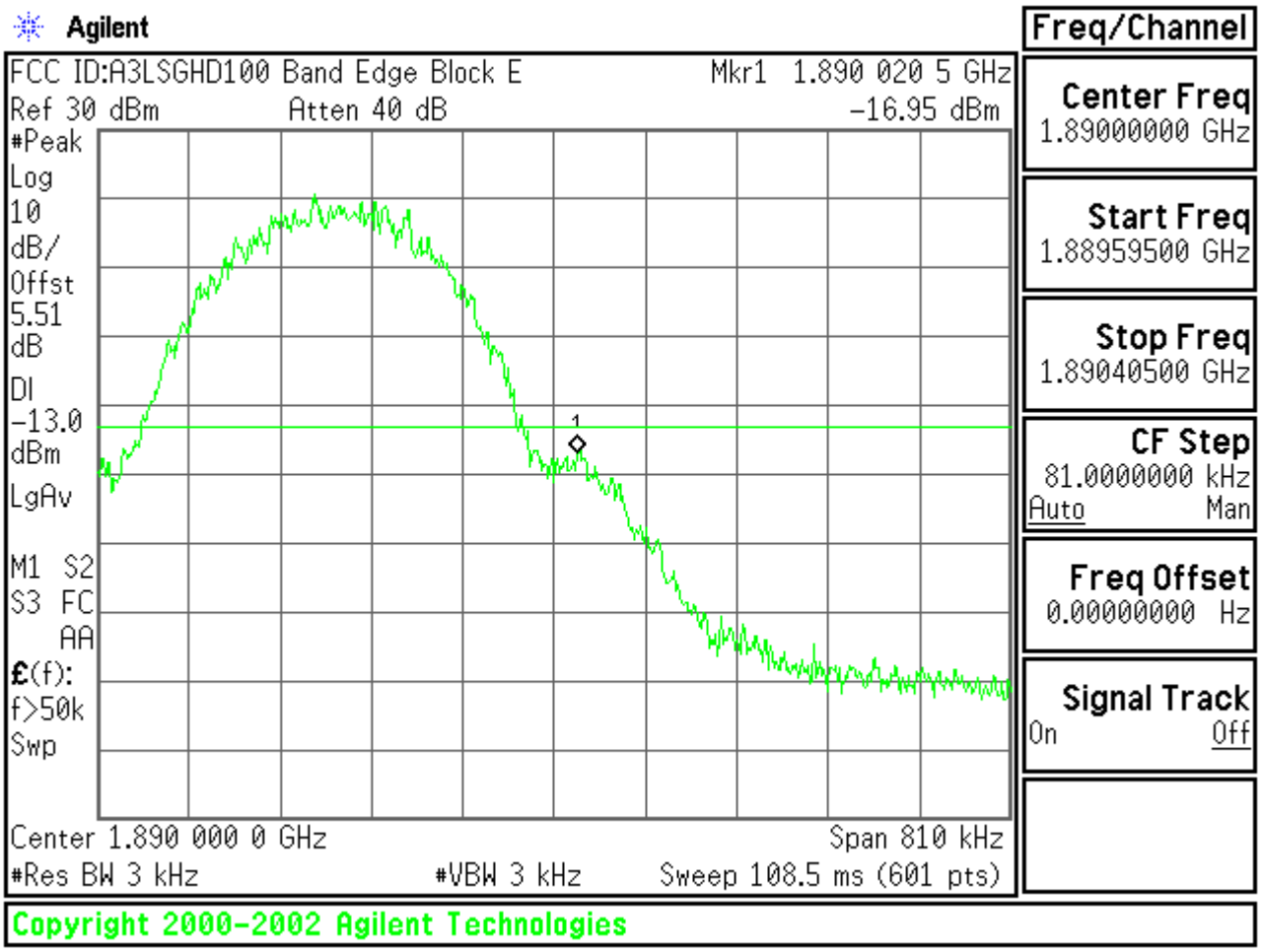

Agilent
FCC ID:A3LSGHD100 Band Edge Block C
Mkr1 1.894 974 1 GHz
Ref 30 dBm
Atten 40 dB
-15.22 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.895 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.89500000 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

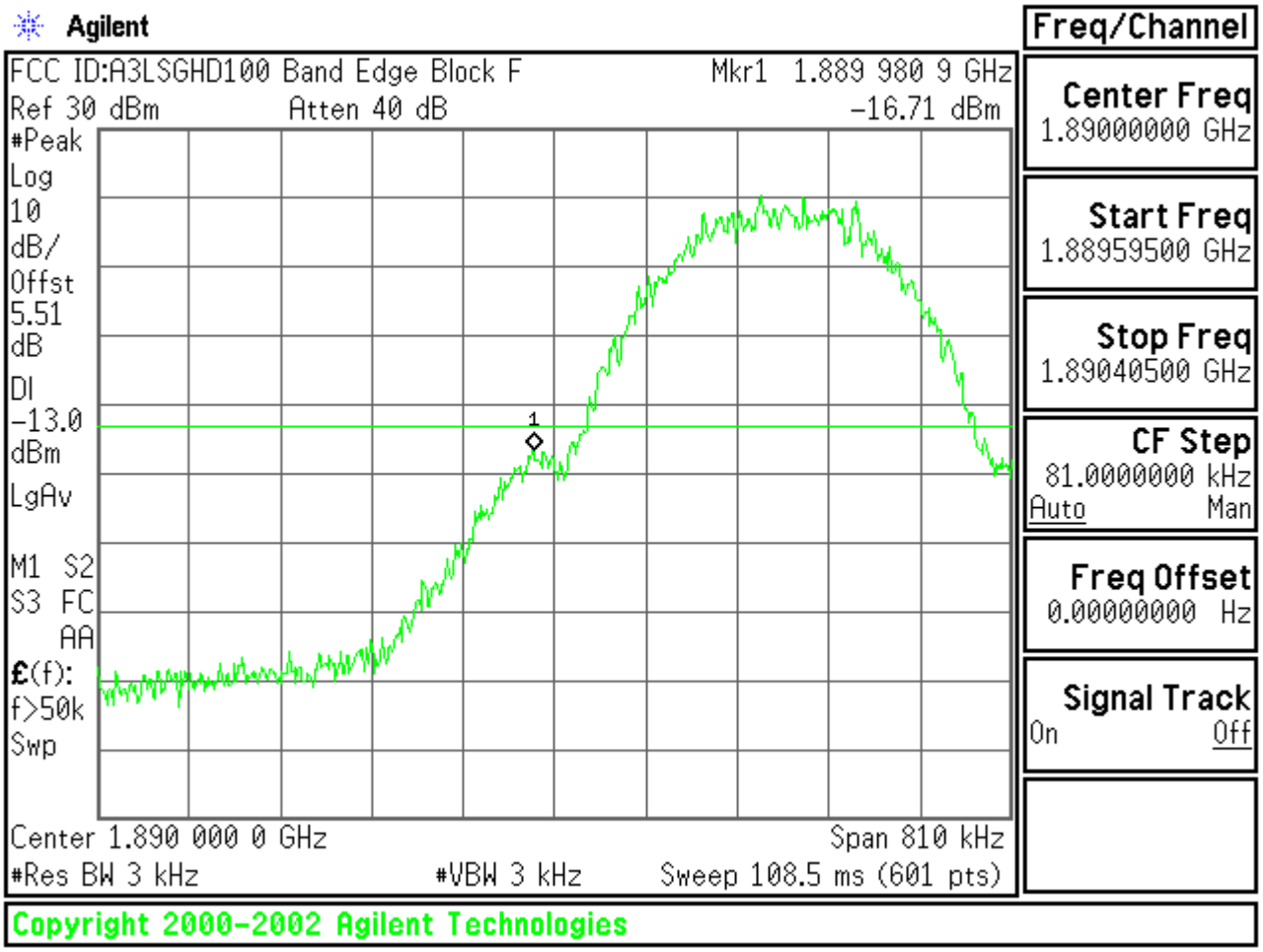

Agilent
FCC ID:A3LSGHD100 Band Edge Block C
Mkr1 1.910 019 1 GHz
Ref 30 dBm
Atten 40 dB
-15.46 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.910 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.91000000 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
FCC ID:A3LSGHD100 Band Edge Block D
Mkr1 1.864 979 5 GHz
Ref 30 dBm
Atten 40 dB
-15.34 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
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
FCC ID:A3LSGHD100 Band Edge Block D
Mkr1 1.870 023 2 GHz
Ref 30 dBm
Atten 40 dB
-15.82 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
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
FCC ID:A3LSGHD100 Band Edge Block E
Mkr1 1.884 982 3 GHz
Ref 30 dBm
Atten 40 dB
-16.95 dBm
#Peak
Log
10
dB/
Offst
5.51
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
FCC ID:A3LSGHD100 Band Edge Block E
Mkr1 1.890 020 5 GHz
Ref 30 dBm
Atten 40 dB
-16.95 dBm
#Peak
Log
10
dB/
Offst
5.51
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
FCC ID:A3LSGHD100 Band Edge Block F
Mkr1 1.889 980 9 GHz
Ref 30 dBm
Atten 40 dB
-16.71 dBm
#Peak
Log
10
dB/
Offst
5.51
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
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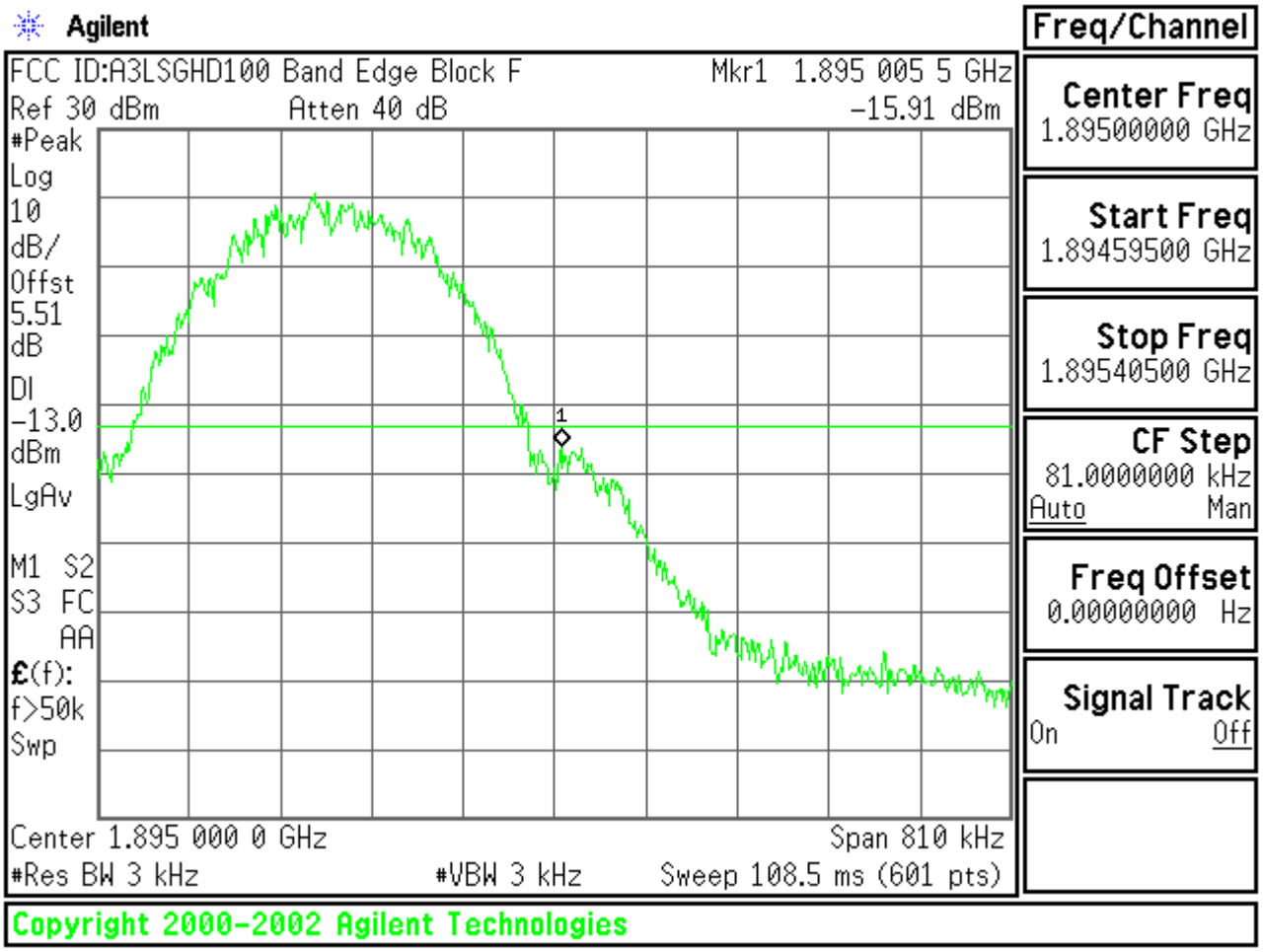
Agilent
FCC ID:A3LSGHD100 Band Edge Block F
Mkr1 1.895 005 5 GHz
Ref 30 dBm
Atten 40 dB
-15.91 dBm
#Peak
Log
10
dB/
Offst
5.51
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.895 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.89500000 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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