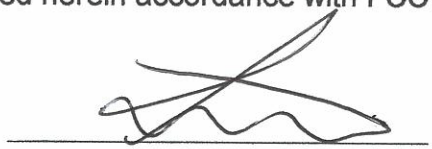
SAMSUNG ELECTRONICS Co., Ltd.,
Regulatory Compliance Team
IT R&D Center
416, Maetan-3dong,
Paldal-gu, Suwon-si,
Gyeonggi-do, Korea 442-742

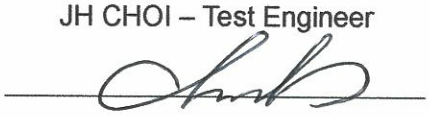
FCC CFR47 PART 24 SUBPART CERTIFICATION TEST DATA

Model Tested:	SGH-E715
FCC ID (Requested):	A3LSGHE715
Report No:	FA-021-R1
Date issued:	August 26,2003

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

Prepared By  **Date** Aug 26. 2003

JH CHOI – Test Engineer

Checked By  **Date** AUG 29, 2003

CW PARK - Manager

Authorized By  **Date** Aug 29, 2003

JK CHOI – Senior Manager

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
	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
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 : A3LSGHE715

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	-12.56	8.18	-20.74
		V	-12.76	8.18	-20.94

■ Result

Frequency (MHz)	From EUT Tested level (dBm)	POL (H/V)	Azimuth (angle)	EIRP (dBm)	EIRP (W)	Battery
1850.20	-15.22	V	310	32.52	1.786	Standard
1880.00	-15.10	V	311	32.64	1.837	Standard
1909.80	-15.57	V	309	32.17	1.648	Standard

Equivalent Isotropic Radiated Power Measurements by Substitution Method according to I
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 Horn antenna was substituted in place of the EUT. ☐
This Horn 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 Horn antenna is measured. The difference ☐
between the gain of the horn and an isotropic antenna is taken into consideration and ☐
the EIRP is recorded.

FCC ID : A3LSGHE715

Field Stength of SPURIOUS Radiation

Operating Frequency : 1850.2 MHz

Measured Output Power : 32.64 dBm = 1.837 W

Modulation Signal : PCS GSM

Limit : $43+10\log_{10}(W)$ = 45.64 dBc

■ Result

Channel	Harmonic	Frequency (MHz)	From EUT Tested level (dBm)	POL (H/V)	Result (dBc)
512	2	3700.40	-45.84	H2	55.52
	3	5550.60	-58.00	H2	62.59
	4	7400.80	-52.42	H2	52.79
	5	9251.00	-58.10	H2	54.17
	6	11101.20	-58.56	H1	50.82
	7	12951.40	-60.04	H2	49.74
	8	14801.60	-69.22	V	52.87
661	2	3760.00	-43.84	H2	53.14
	3	5640.00	-57.58	H2	62.38
	4	7520.00	-53.08	H2	53.85
	5	9400.00	-56.86	H2	53.04
	6	11280.00	-55.78	H2	48.22
	7	13160.00	-59.10	H2	47.76
	8	15040.00	-71.05	V	57.18
810	2	3819.60	-44.44	H2	54.08
	3	5729.40	-55.82	H2	61.09
	4	7639.20	-51.02	H2	51.82
	5	9549.00	-55.44	H2	51.13
	6	11458.80	-57.53	H2	48.10
	7	13368.60	-59.84	H2	47.98
	8	15278.40	-	-	-

Radiated Spurious & Harmonic Conversion Table

FCC ID : A3LSGHE715 Mode : GSM1900 EIRP : 32.64

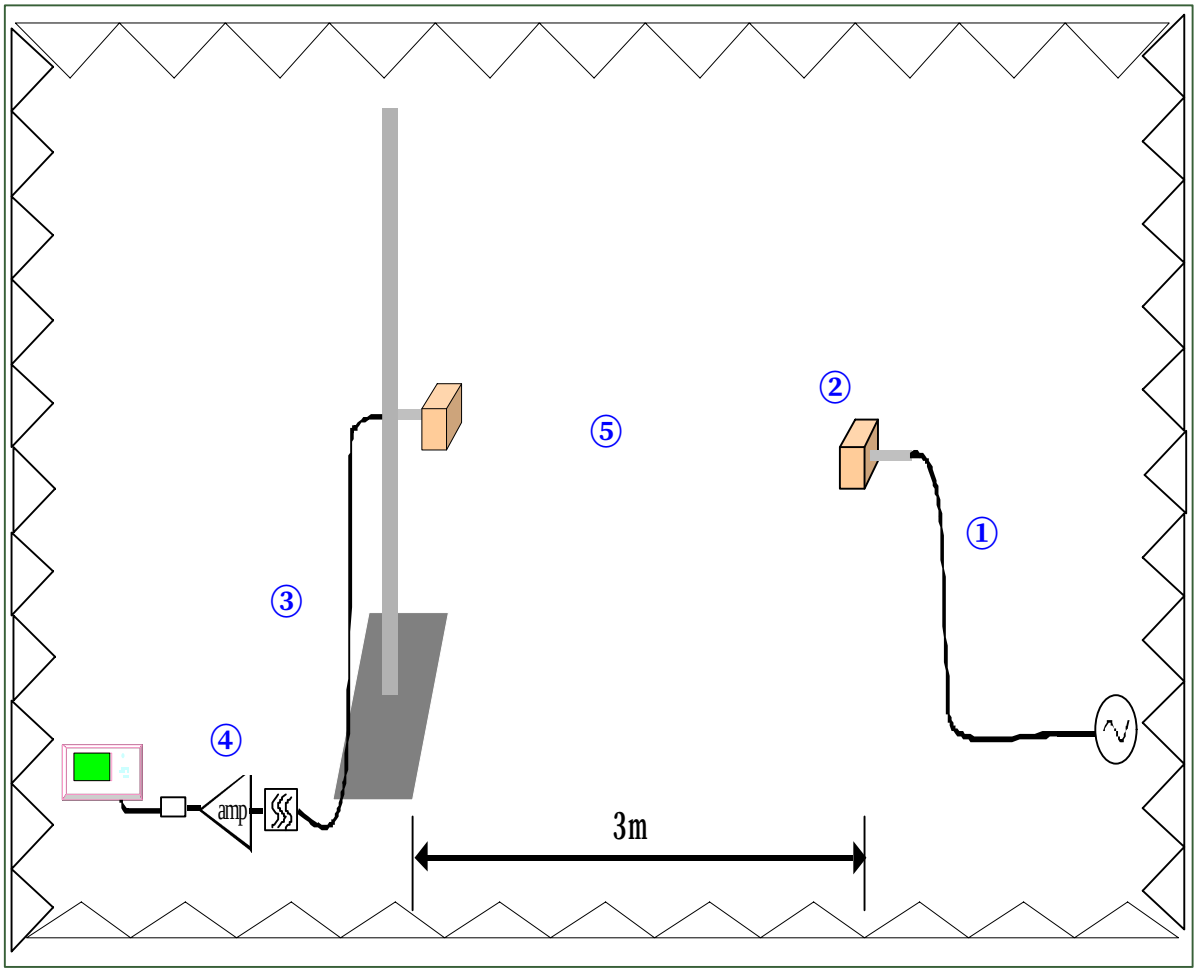
Date ; 2003 . 08 . 20 .

Test Engineer : E.H. Jung & J.H. Choi

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	-45.84	-50.33	-22.88	-27.19	55.52	59.83
	3	5550.60	13.91	10.60	6.69	-58.00	-63.41	-29.95	-35.55	62.59	68.19
	4	7400.80	16.68	10.83	4.15	-52.42	-51.69	-20.15	-20.58	52.79	53.22
	5	9251.00	19.37	11.56	2.19	-58.10	-59.94	-21.53	-24.12	54.17	56.76
	6	11101.20	22.51	12.79	0.28	-58.56	-61.22	-18.18	-21.19	50.82	53.83
	7	12951.40	22.99	12.66	-0.33	-60.04	-61.04	-17.10	-17.93	49.74	50.57
	8	14801.60	24.52	12.69	-1.83	-	-69.22	-	-20.23	-	52.87
661	2	3760.00	11.13	8.98	7.85	-43.84	-49.28	-20.50	-25.85	53.14	58.49
	3	5640.00	14.10	10.60	6.50	-57.58	-58.54	-29.74	-30.95	62.38	63.59
	4	7520.00	17.05	10.83	3.78	-53.08	-53.82	-21.21	-22.90	53.85	55.54
	5	9400.00	19.61	11.60	1.99	-56.86	-57.58	-20.40	-21.96	53.04	54.60
	6	11280.00	22.92	12.93	0.01	-55.78	-57.99	-15.58	-18.02	48.22	50.66
	7	13160.00	23.62	12.64	-0.98	-59.10	-60.56	-15.12	-15.91	47.76	48.55
	8	15040.00	25.04	12.70	-2.34	-	-71.05	-	-24.54	-	57.18
810	2	3819.60	11.28	8.98	7.70	-44.44	-51.07	-21.44	-27.48	54.08	60.12
	3	5729.40	14.12	10.73	6.61	-55.82	-59.03	-28.45	-31.13	61.09	63.77
	4	7639.20	17.47	10.87	3.40	-51.02	-51.01	-19.18	-19.90	51.82	52.54
	5	9549.00	19.92	11.67	1.75	-55.44	-57.19	-18.49	-20.61	51.13	53.25
	6	11458.80	21.77	12.90	1.13	-57.53	-58.22	-15.46	-16.52	48.10	49.16
	7	13368.60	23.26	12.65	-0.61	-59.84	-59.77	-15.34	-15.35	47.98	47.99
	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 : A3LSGHE715

Frequency Stability (PCS GSM)

Operating Frequency : 1,880,000,000 Hz

Channel : 661

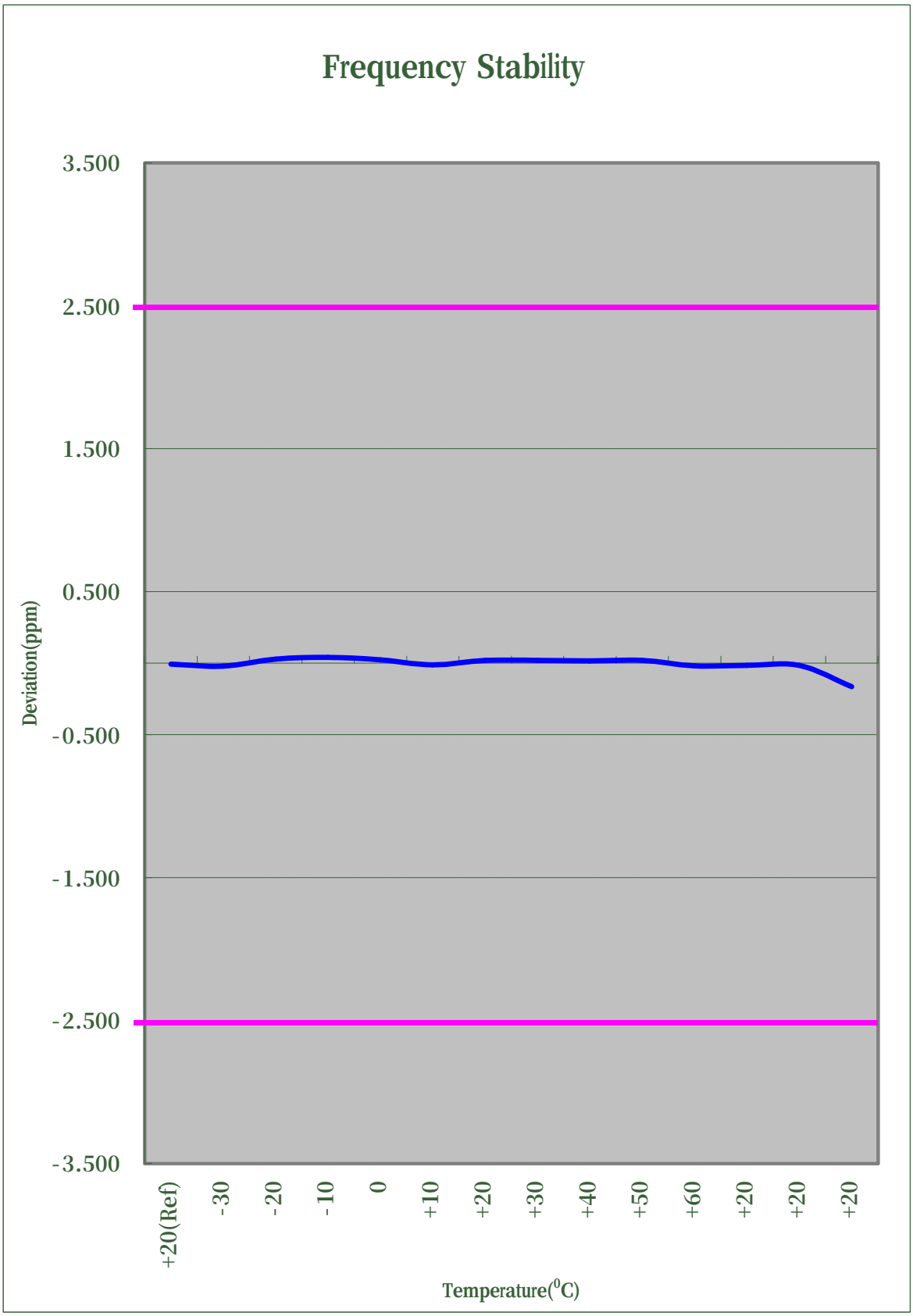
Reference voltage : 3.7VDC

Deviation Limit : ± 0.00025 % or 2.5ppm

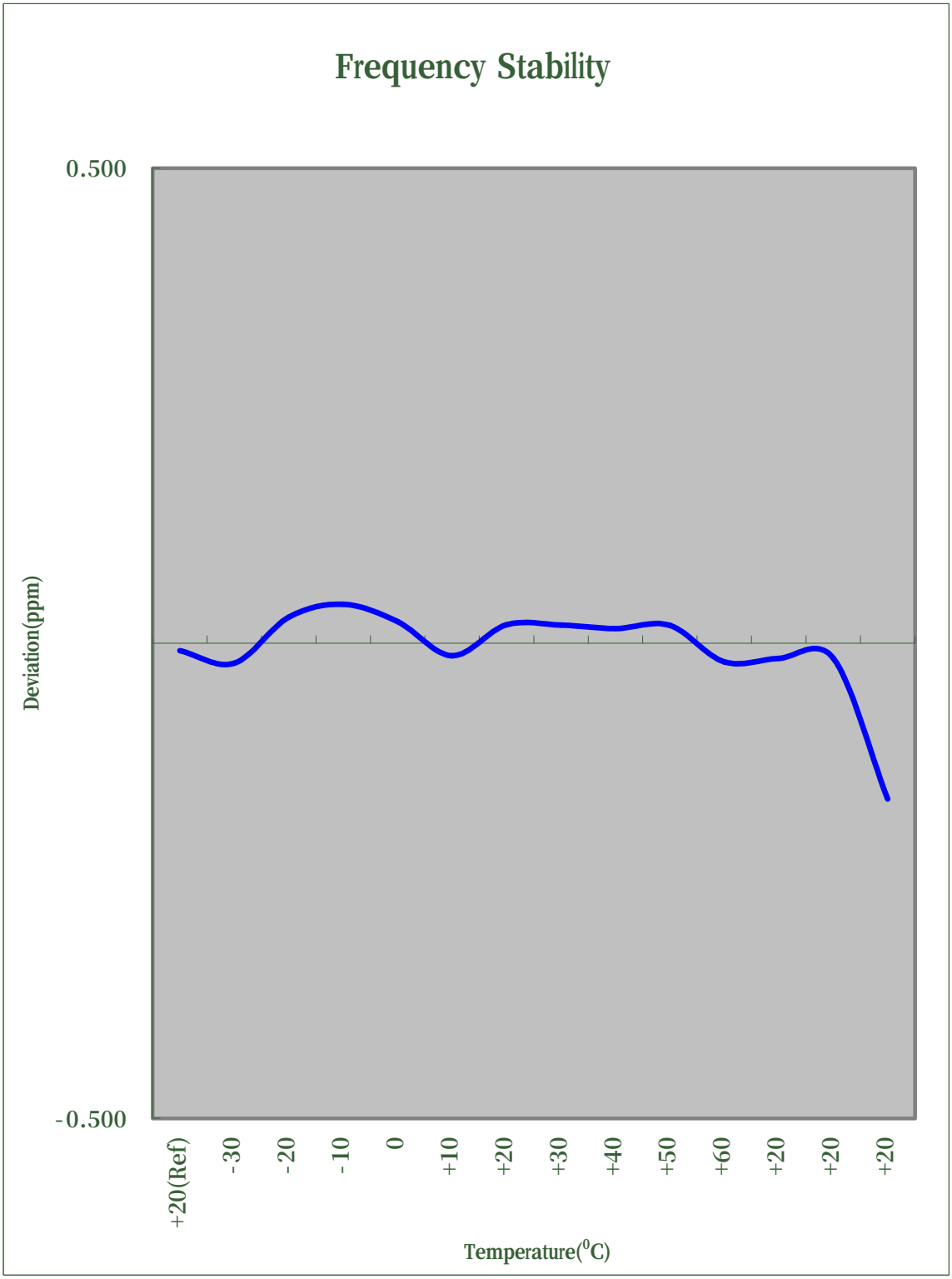
Voltage (%)	Power (V dc)	TEMP (OC)	Frequency error (Hz)	Frequency (Hz)	Deviation (%)	ppm
100%	3.70	+20(Ref)	-14.72	1,879,999,985	-0.000001	-0.008
100%		-30	-39.58	1,879,999,960	-0.000002	-0.021
100%		-20	51.67	1,880,000,052	0.000003	0.027
100%		-10	77.24	1,880,000,077	0.000004	0.041
100%		0	42.76	1,880,000,043	0.000002	0.023
100%		+10	-24.58	1,879,999,975	-0.000001	-0.013
100%		+20	36.24	1,880,000,036	0.000002	0.019
100%		+30	35.8	1,880,000,036	0.000002	0.019
100%		+40	28.94	1,880,000,029	0.000002	0.015
100%		+50	35.6	1,880,000,036	0.000002	0.019
100%		+60	-36.85	1,879,999,963	-0.000002	-0.020
85%	3.15	+20	-30.18	1,879,999,970	-0.000002	-0.016
115%	4.26	+20	-29.76	1,879,999,970	-0.000002	-0.016
Batt. Endpoint	3.05	+20	-308.24	1,879,999,692	-0.000016	-0.164

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

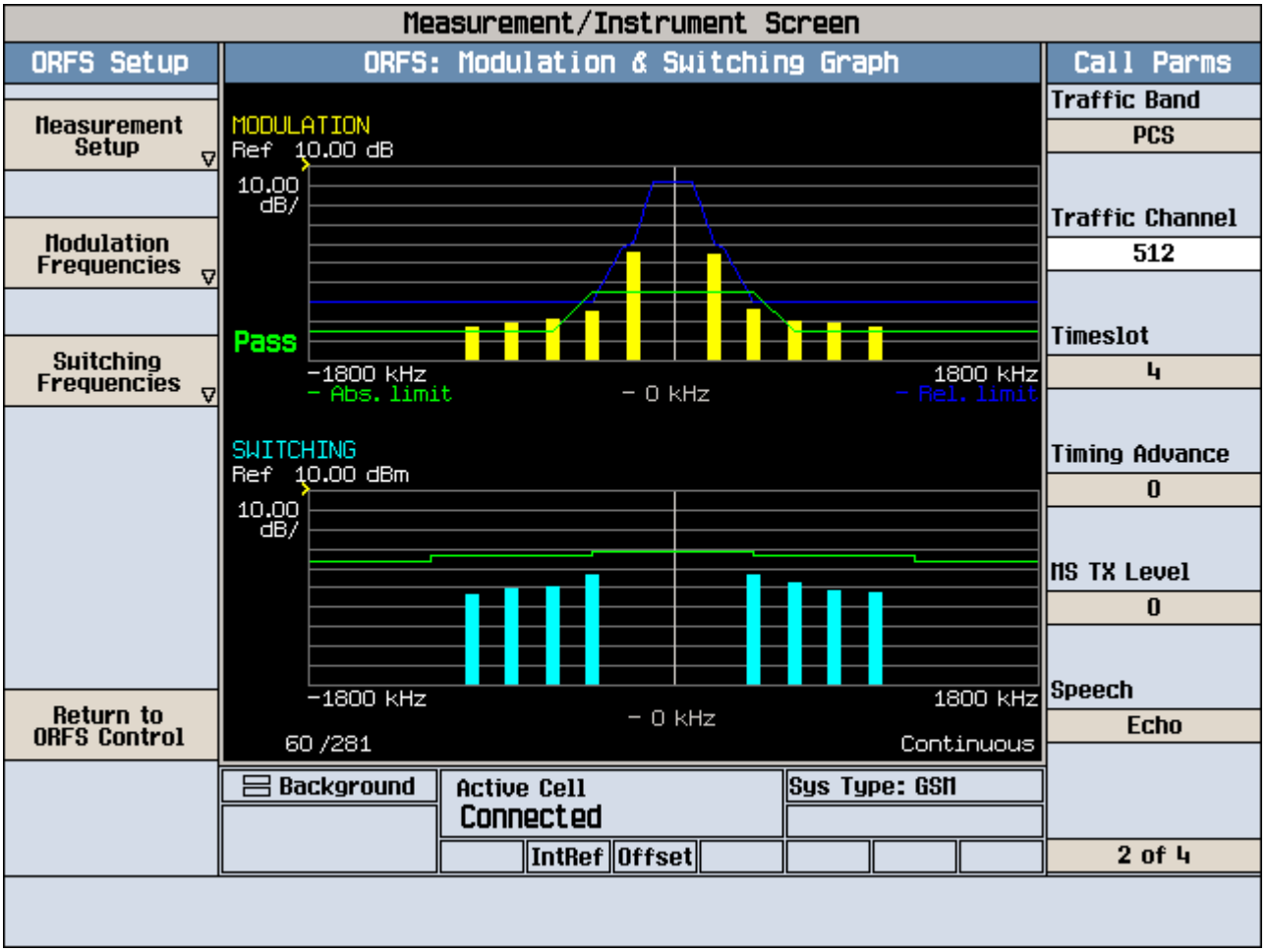
The EUT is tested down to the battery end point.


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:A3LSGHE715 Modulation & Switching 512CH



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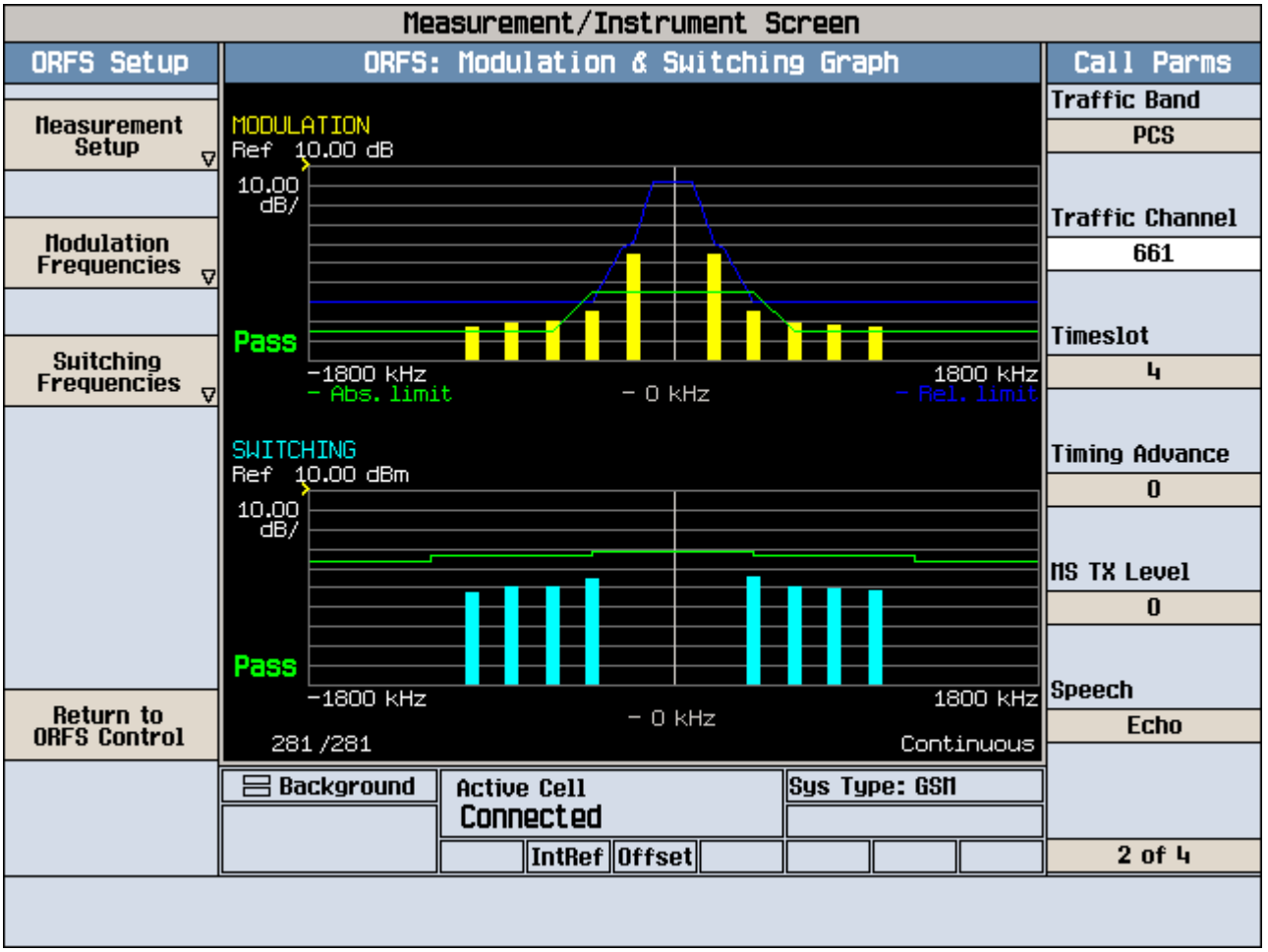

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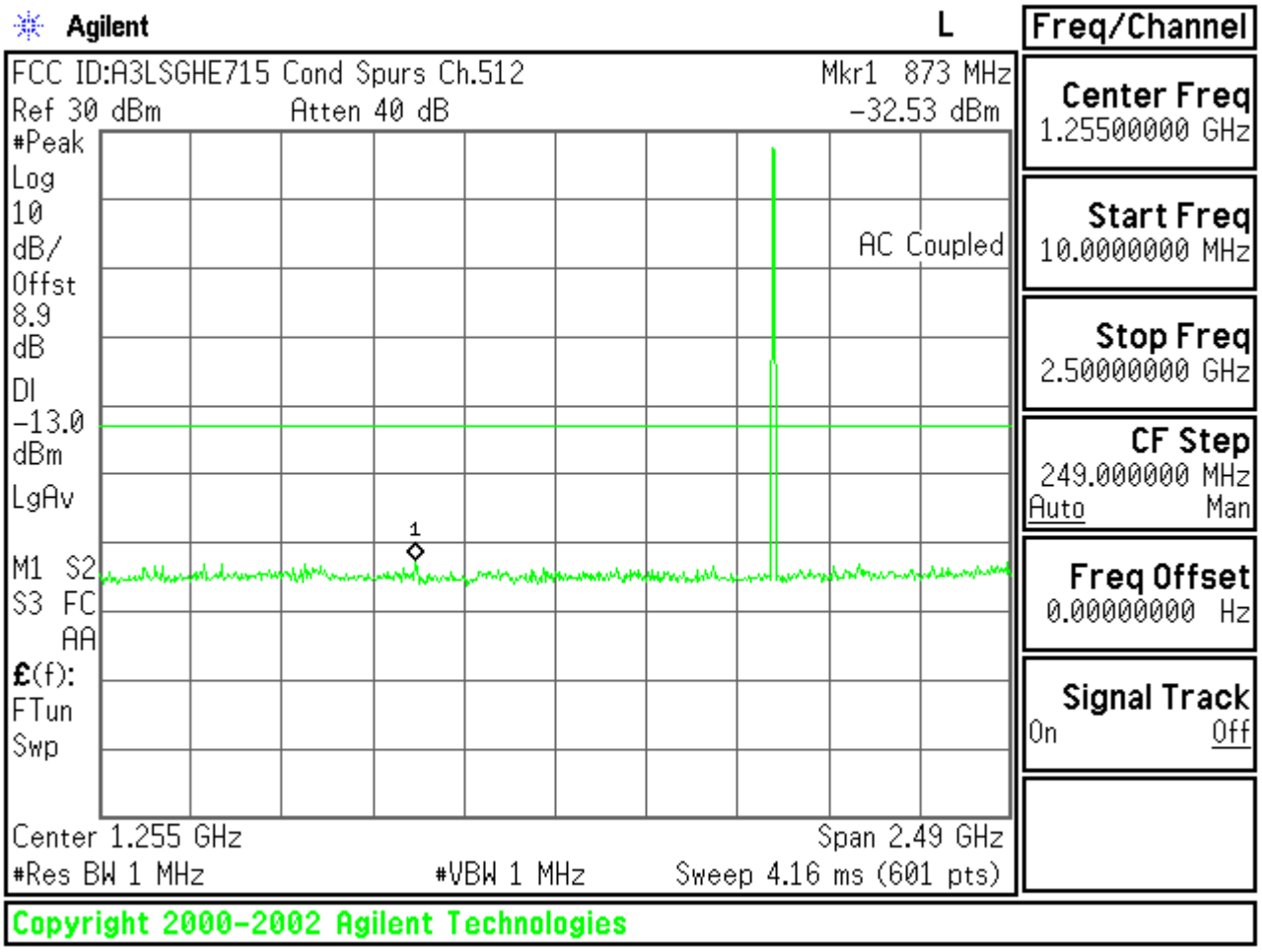
Agilent
L
FCC ID:A3LSGHE715 Cond Spurs Ch.512
Mkr1 873 MHz
Ref 30 dBm
Atten 40 dB
-32.53 dBm
#Peak
Log
10
dB/
Offst
8.9
dB
Dl
-13.0
dBm
LgAv
AC Coupled
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center 1.255 GHz
Span 2.49 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.16 ms (601 pts)
Freq/Channel
Center Freq
1.25500000 GHz
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
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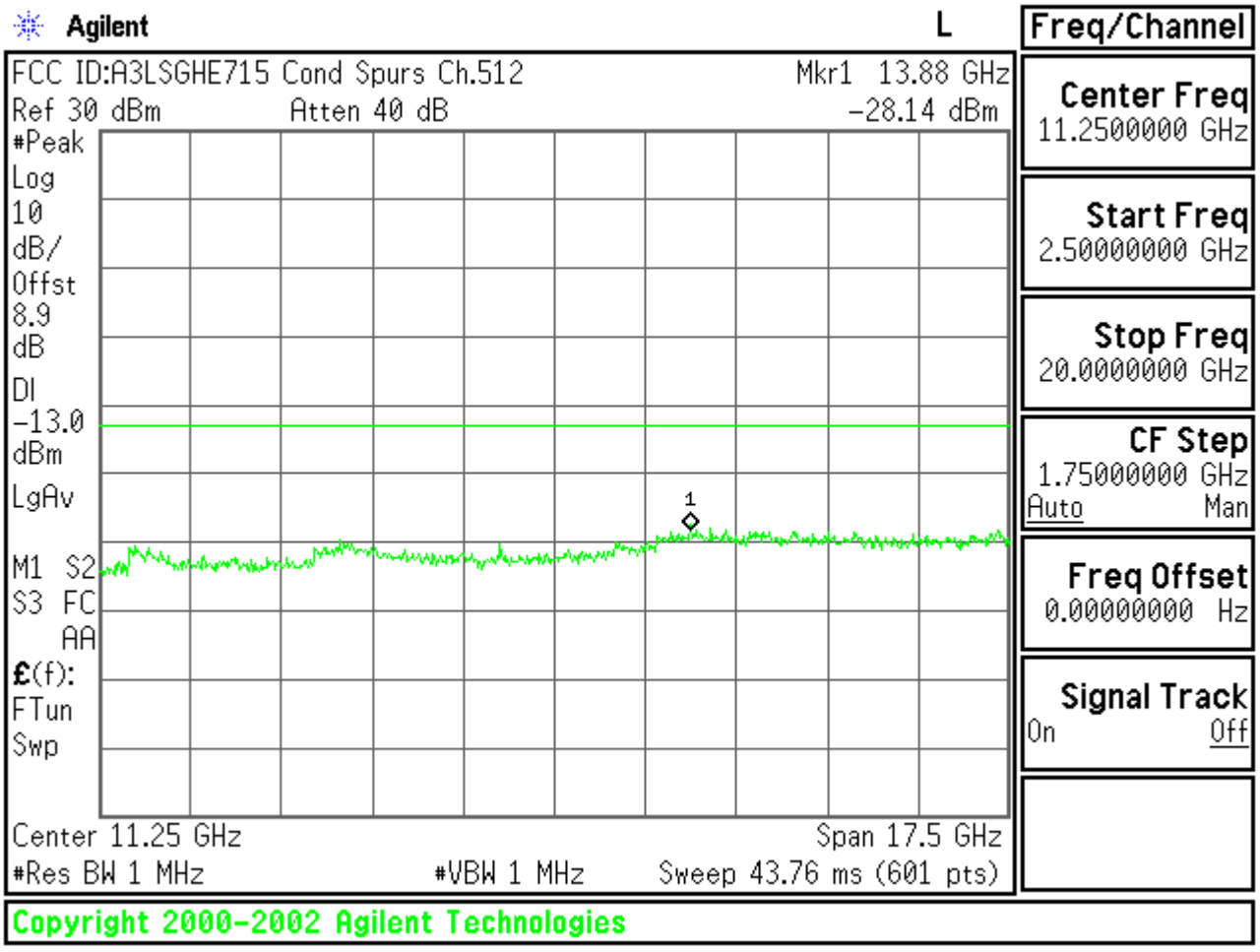
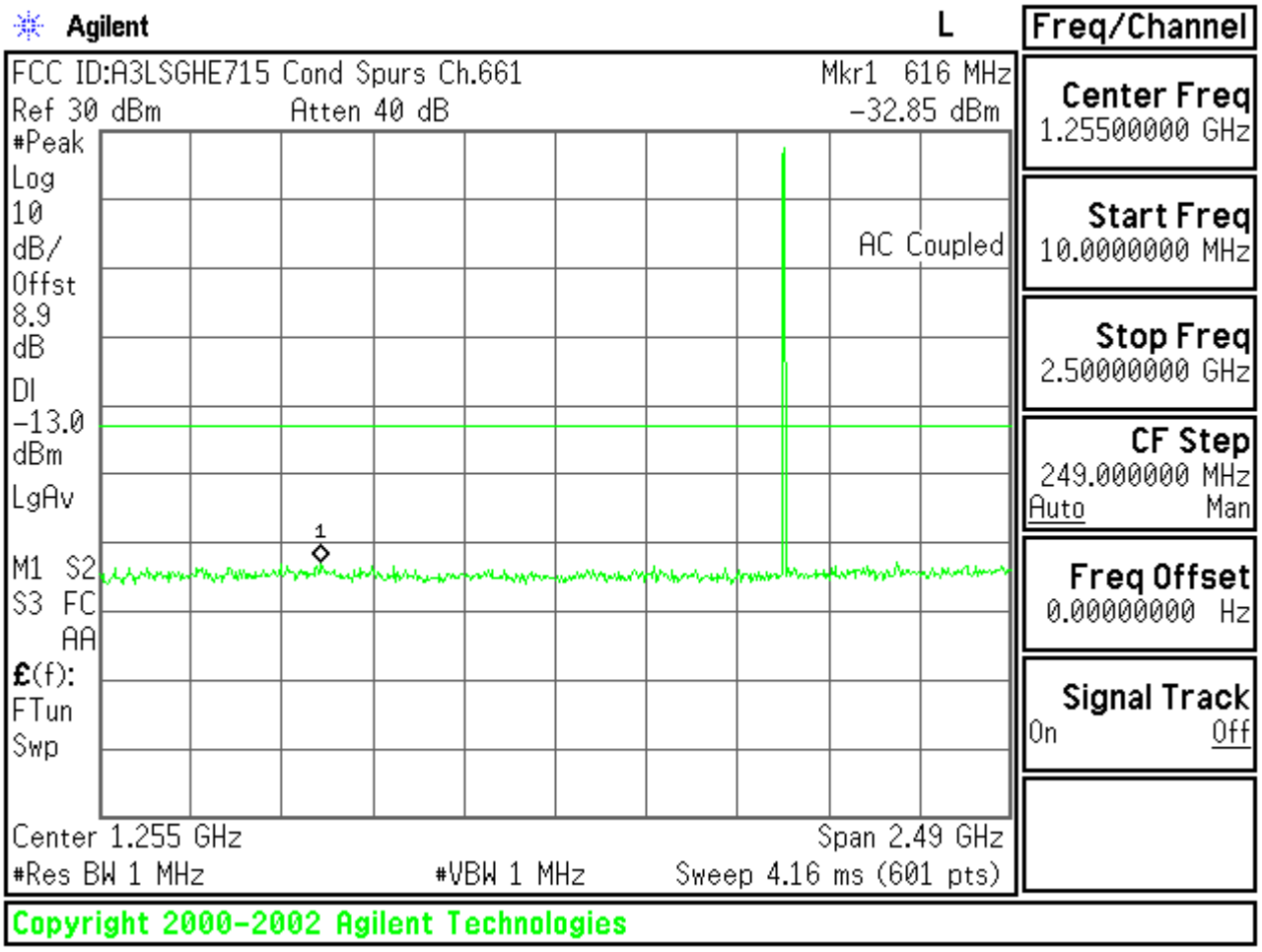

Agilent
L
FCC ID:A3LSGHE715 Cond Spurs Ch.512
Mkr1 13.88 GHz
Ref 30 dBm
Atten 40 dB
-28.14 dBm
#Peak
Log
10
dB/
Offst
8.9
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center 11.25 GHz
Span 17.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.76 ms (601 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start Freq
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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Mkr1 616 MHz
Ref 30 dBm
Atten 40 dB
-32.85 dBm
#Peak
Log
10
dB/
Offst
8.9
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
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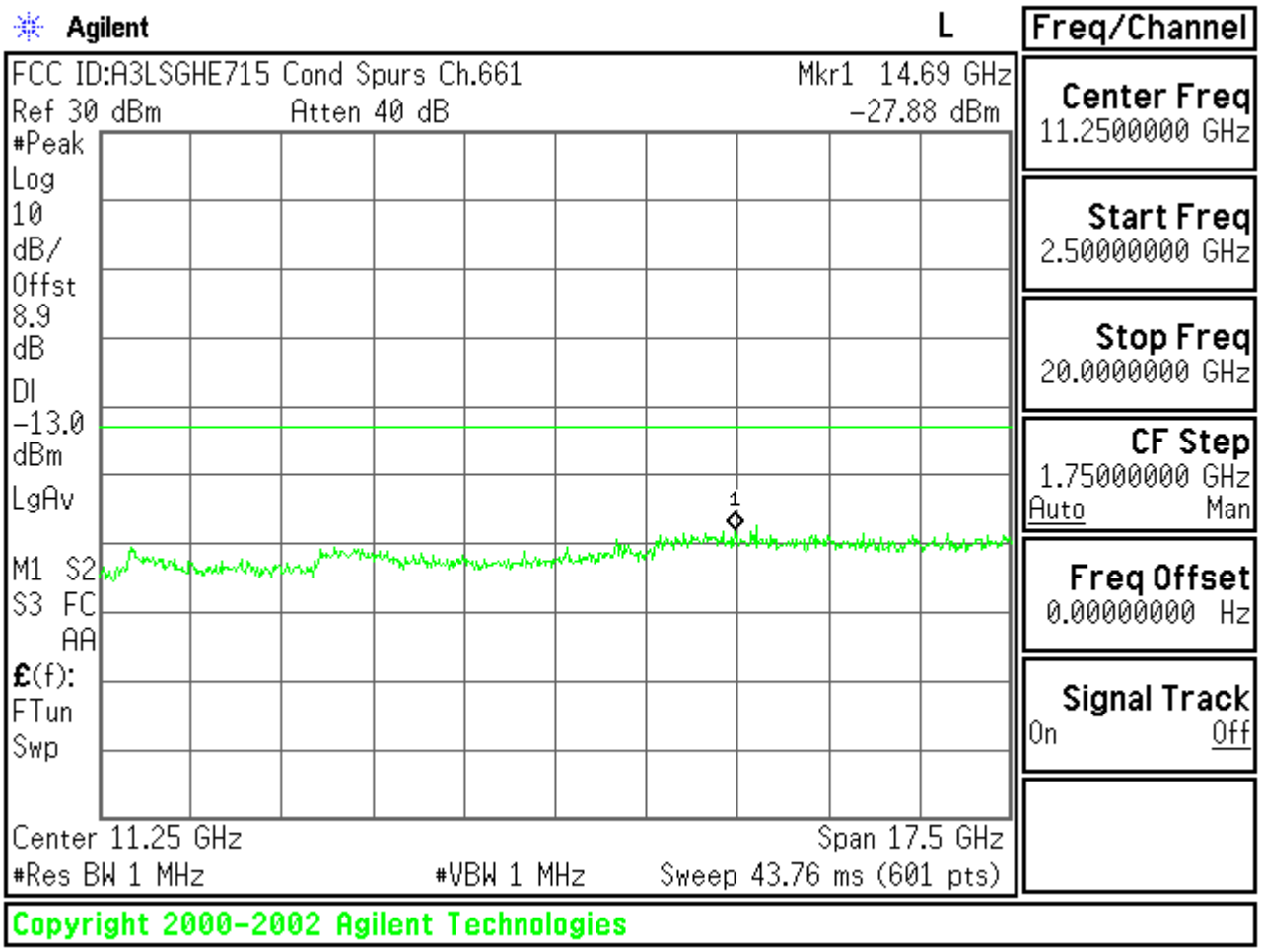
Agilent
L
FCC ID:A3LSGHE715 Cond Spurs Ch.661
Mkr1 14.69 GHz
Ref 30 dBm
Atten 40 dB
-27.88 dBm
#Peak
Log
10
dB/
Offst
8.9
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
1
Center 11.25 GHz
Span 17.5 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 43.76 ms (601 pts)
Freq/Channel
Center Freq
11.2500000 GHz
Start 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
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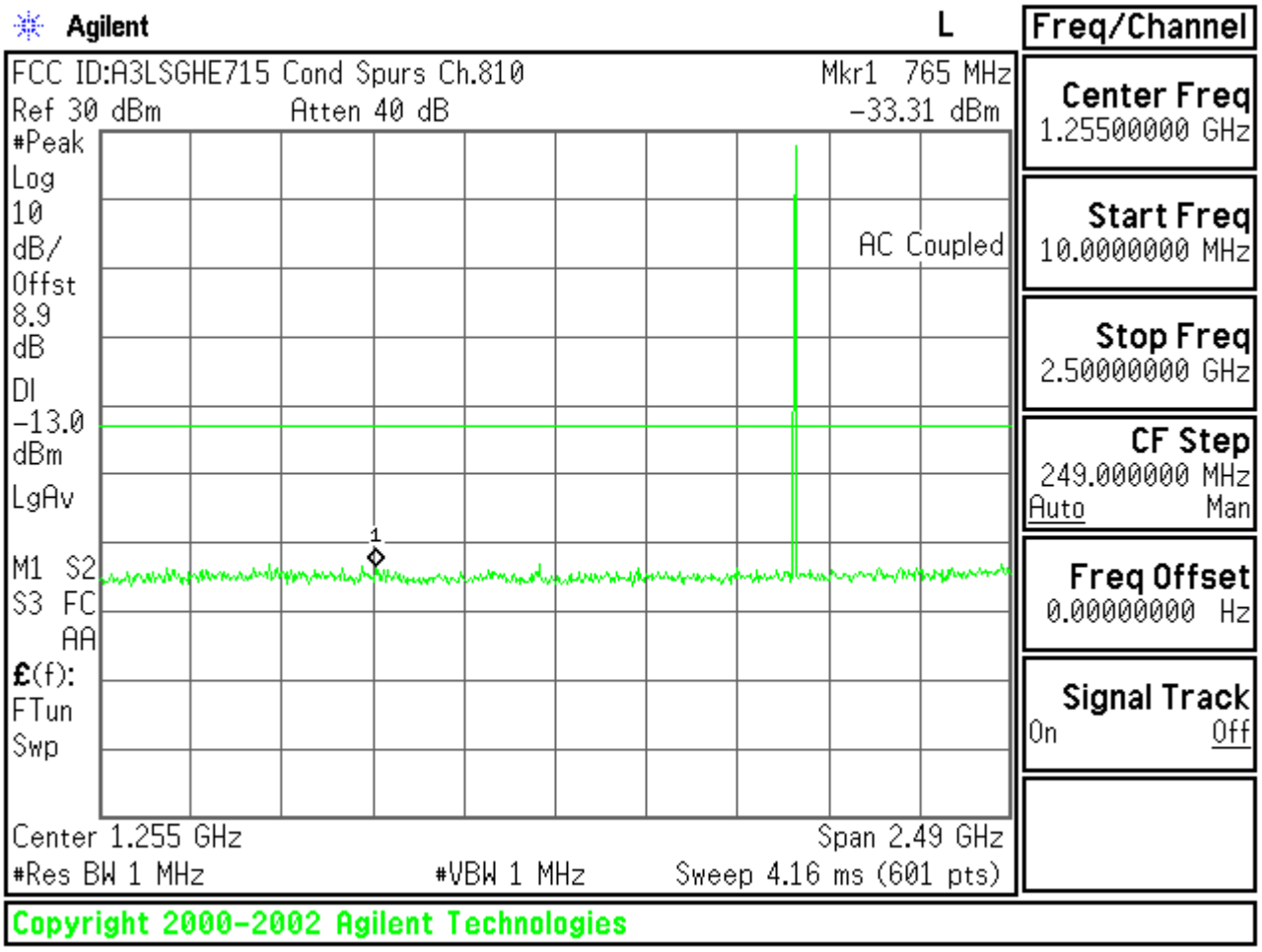
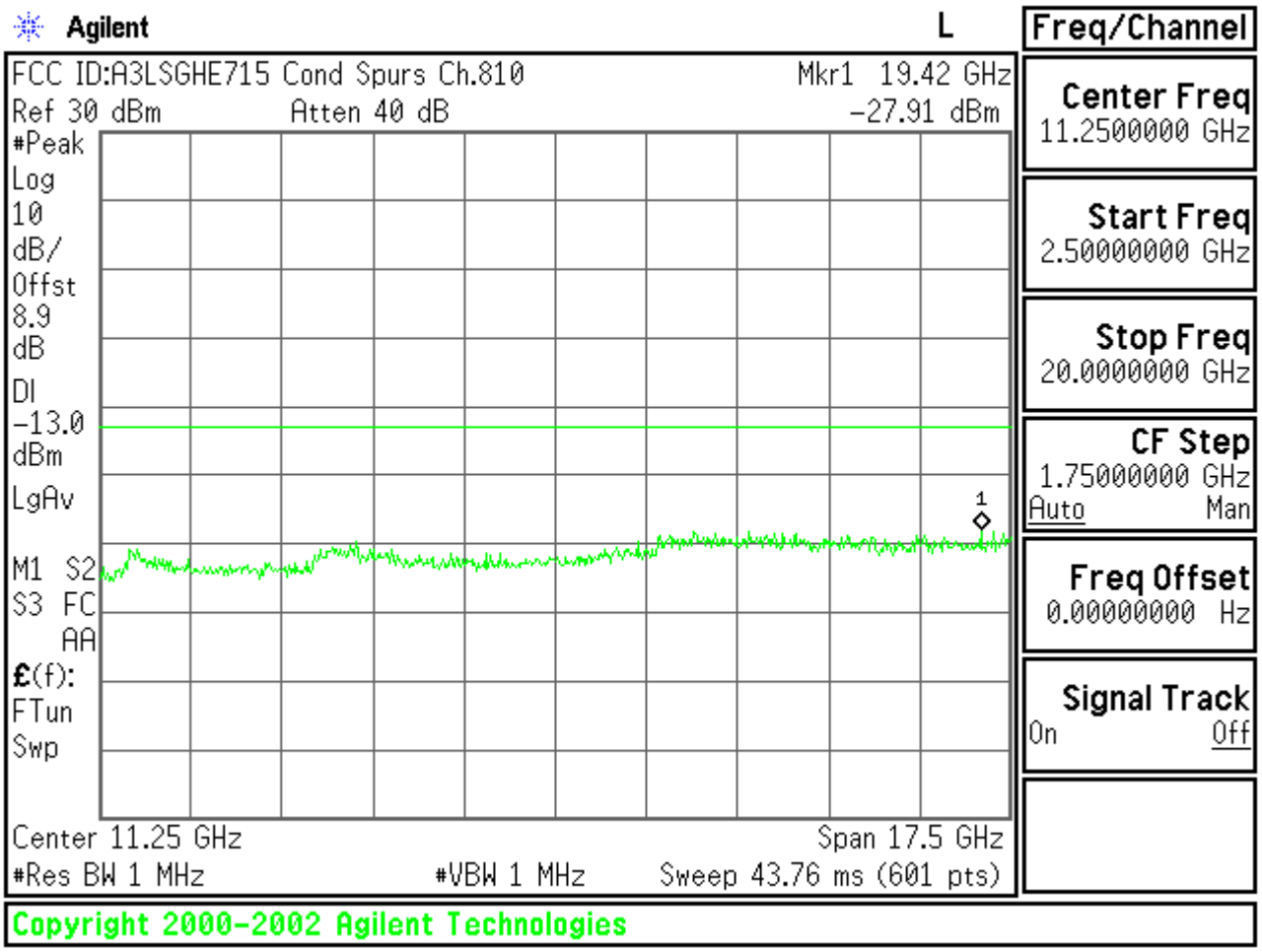
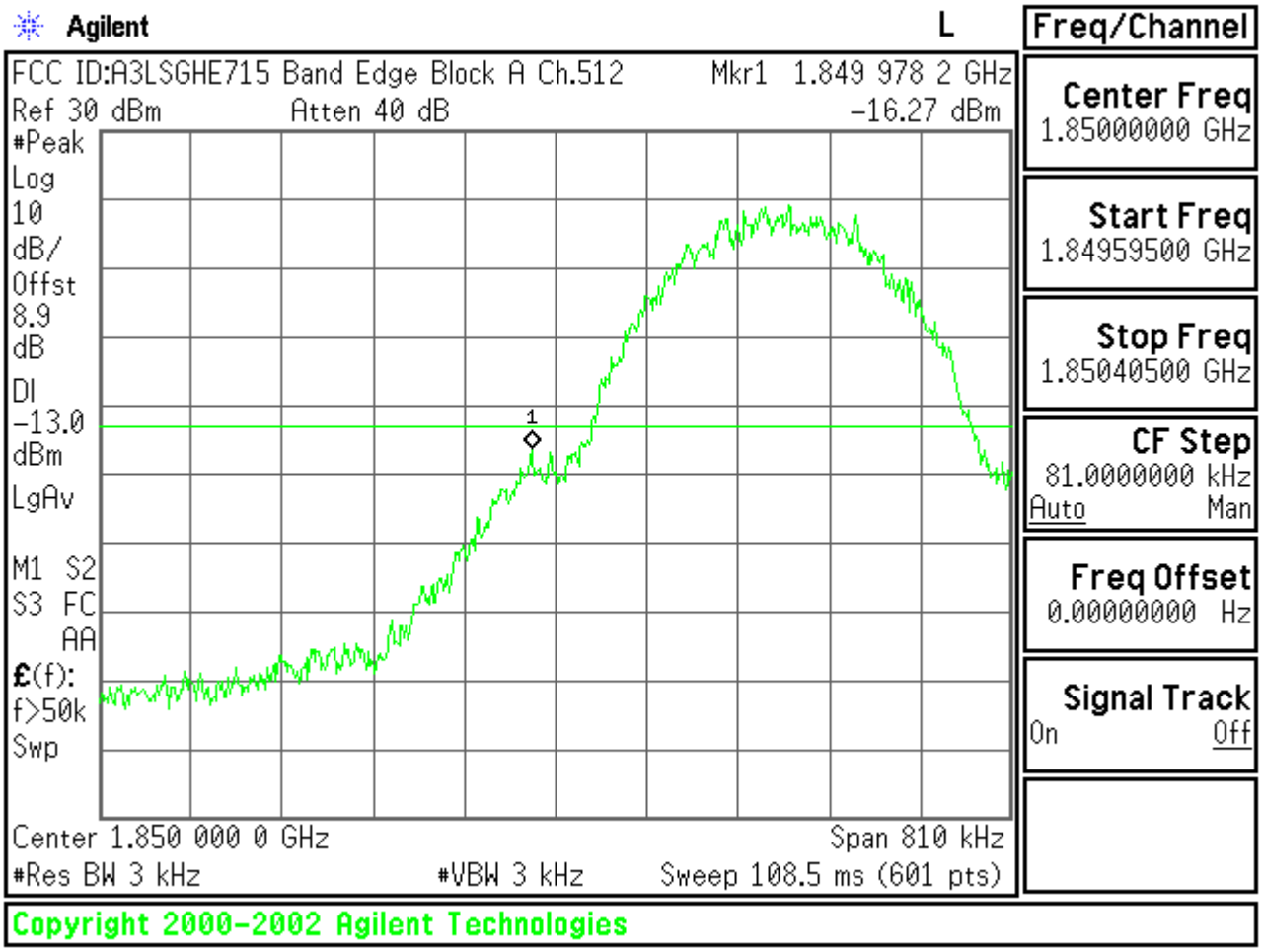

Agilent
L
FCC ID:A3LSGHE715 Cond Spurs Ch.810
Mkr1 765 MHz
Ref 30 dBm
Atten 40 dB
-33.31 dBm
#Peak
Log
10
dB/
Offst
8.9
dB
Dl
-13.0
dBm
LgAv
AC Coupled
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center 1.255 GHz
Span 2.49 GHz
#Res BW 1 MHz
#VBW 1 MHz
Sweep 4.16 ms (601 pts)
Freq/Channel
Center Freq
1.25500000 GHz
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:A3LSGHE715 Cond Spurs Ch.810
Mkr1 19.42 GHz
Ref 30 dBm
Atten 40 dB
-27.91 dBm
#Peak
Log
10
dB/
Offst
8.9
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
FTun
Swp
Center 11.25 GHz
Span 17.5 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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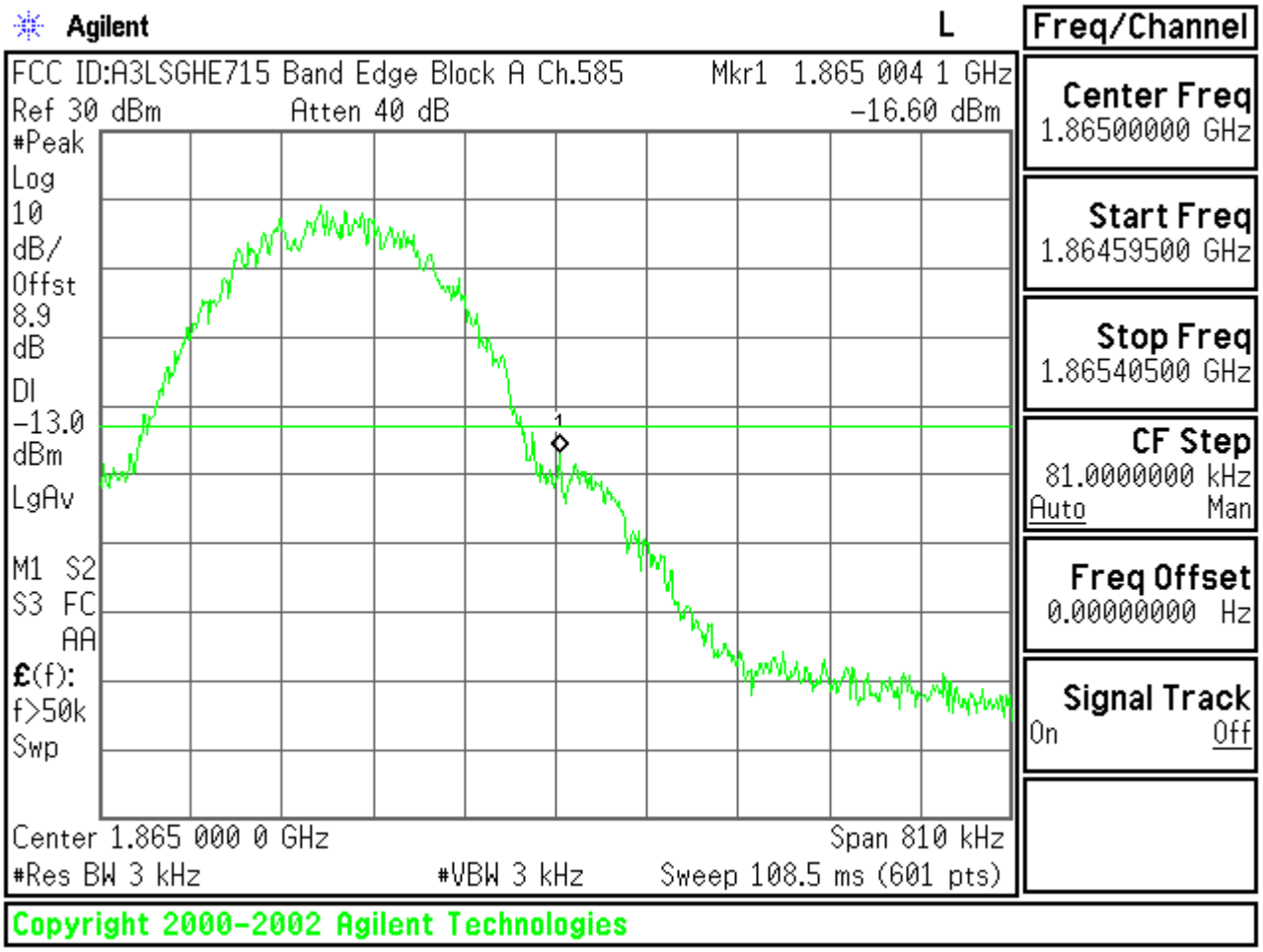
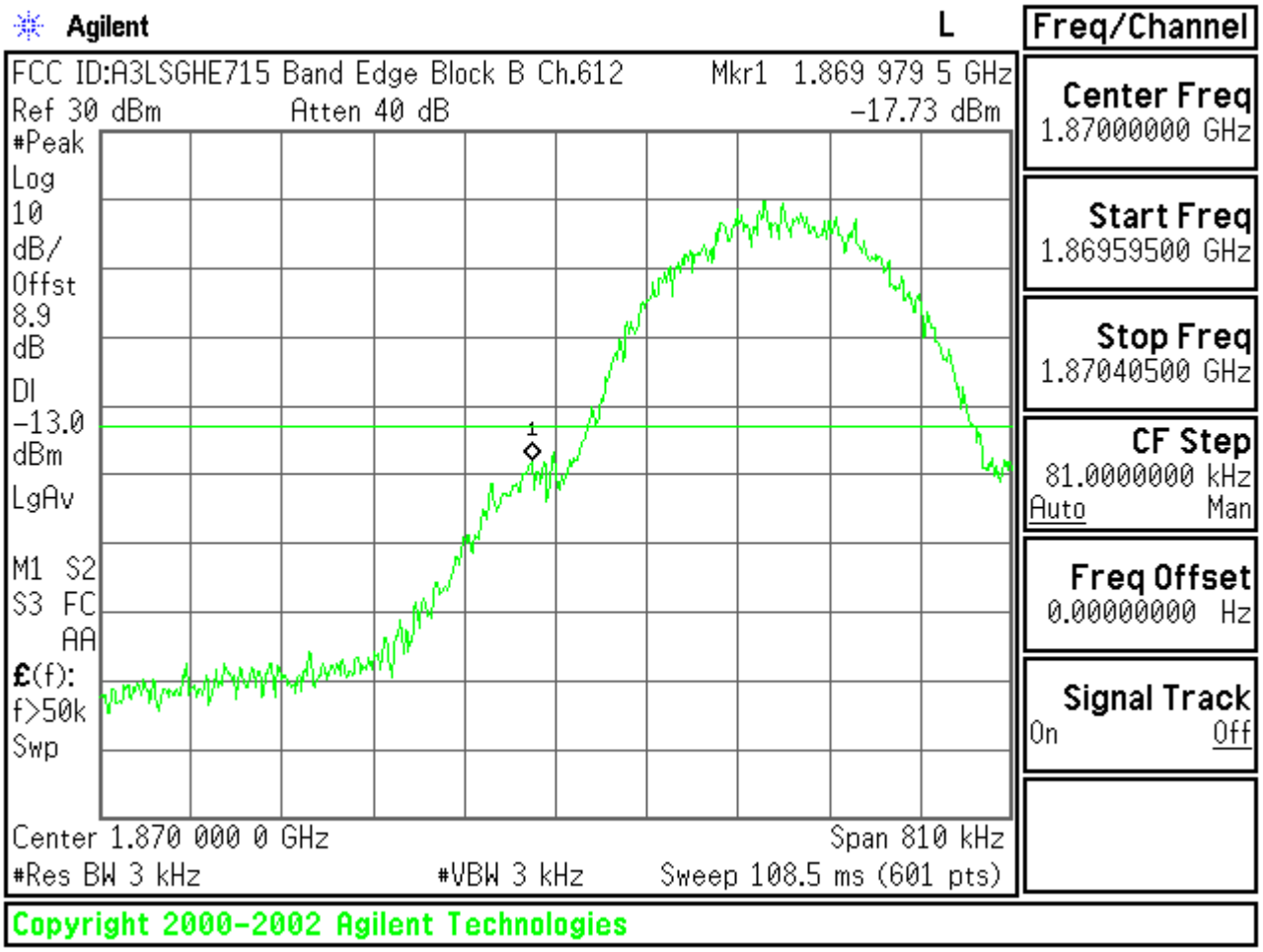
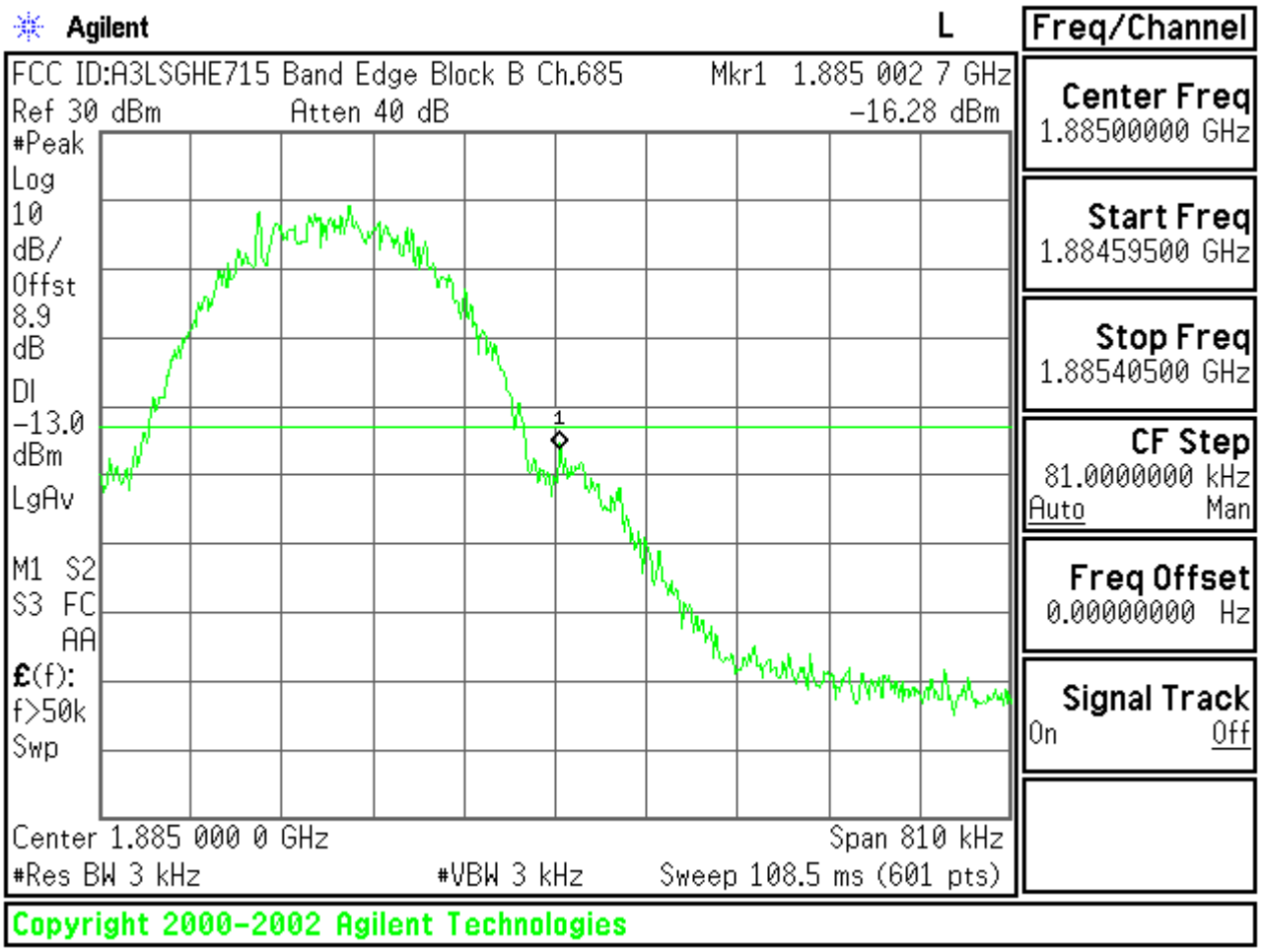
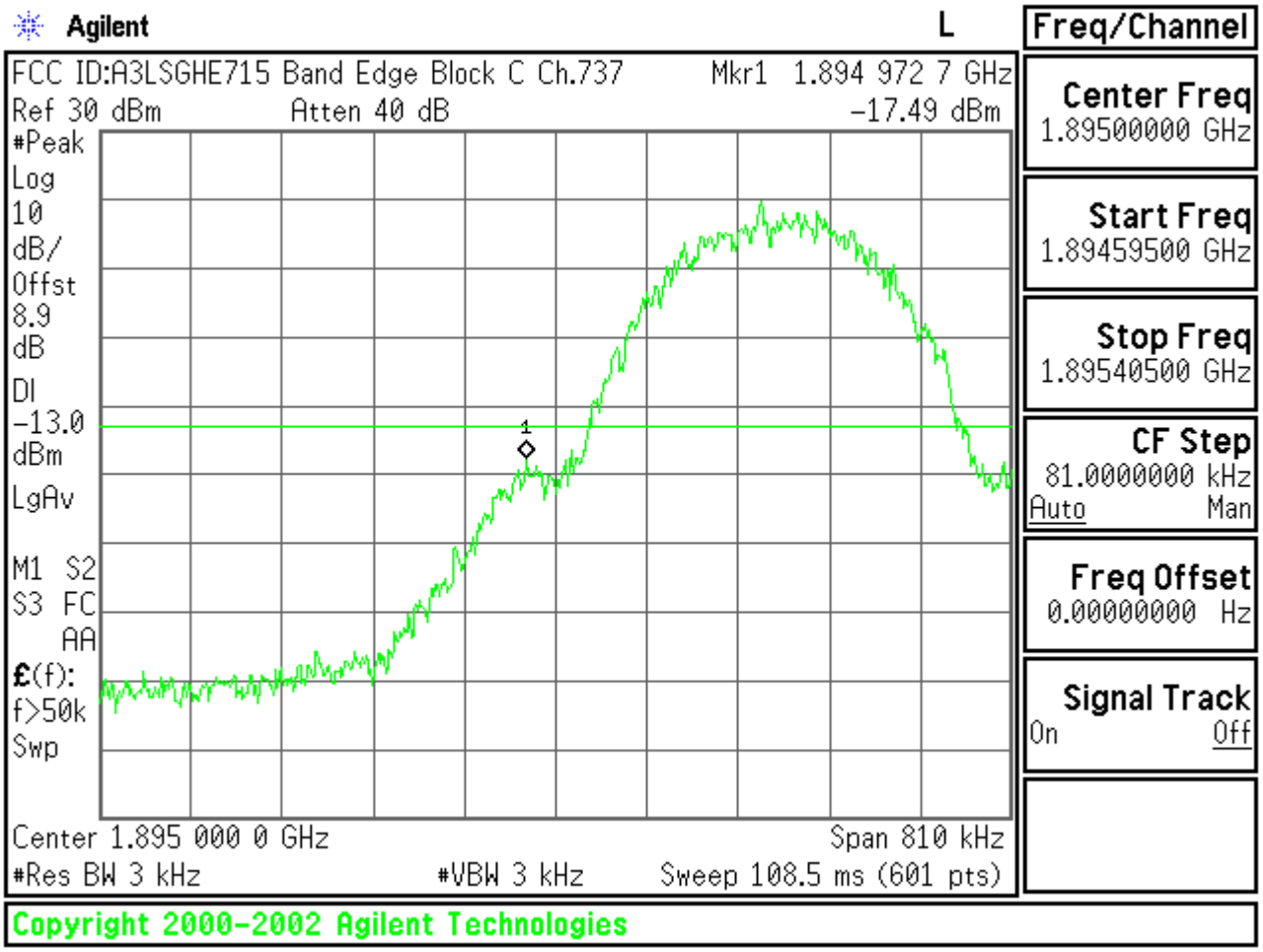
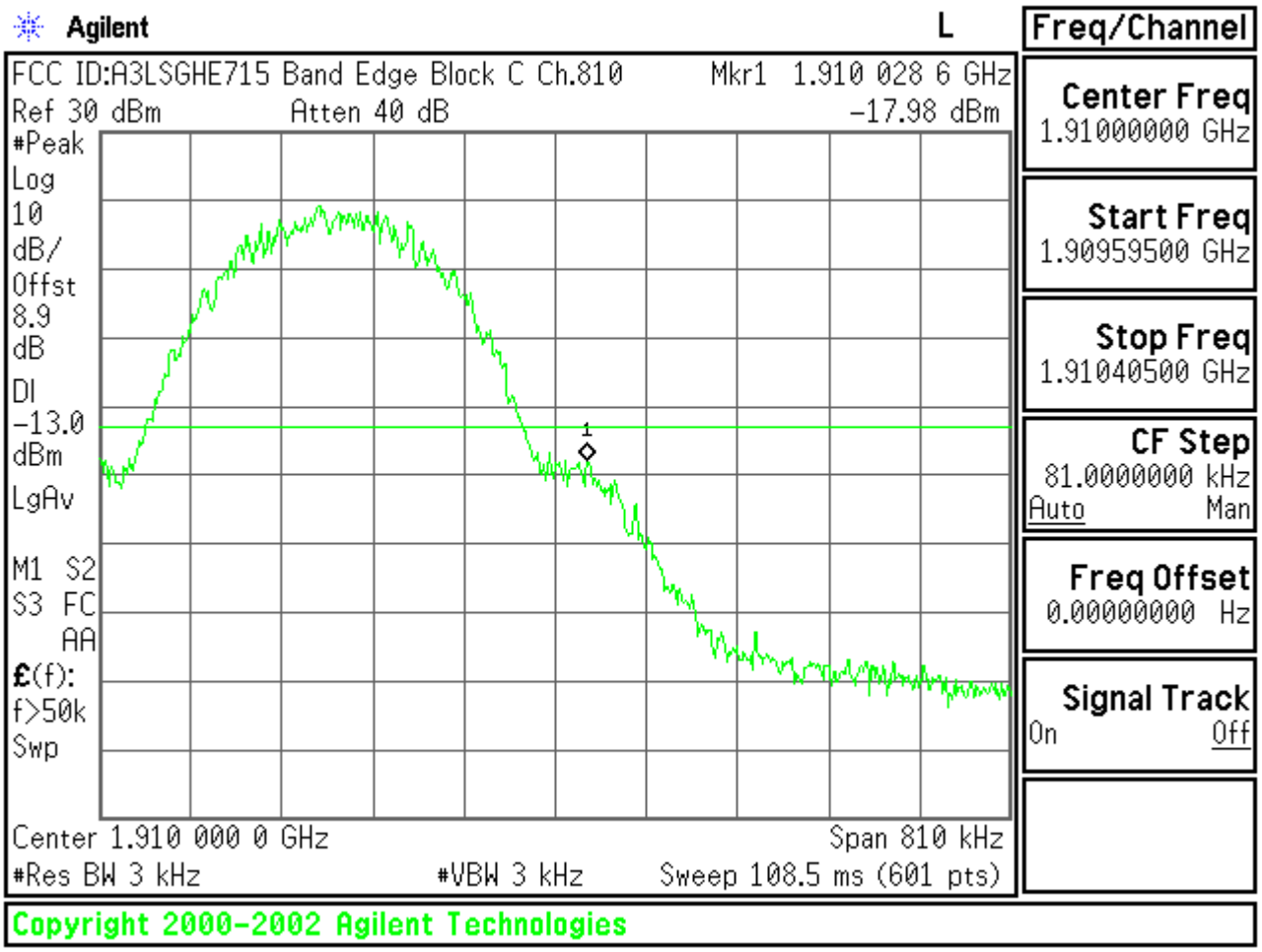
FCC ID:A3LSGHE715 Band Edge Block A Ch.512
Mkr1 1.849 978 2 GHz
Ref 30 dBm
Atten 40 dB
-16.27 dBm
#Peak
Log
10
dB/
Offst
8.9
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.850 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.85000000 GHz
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

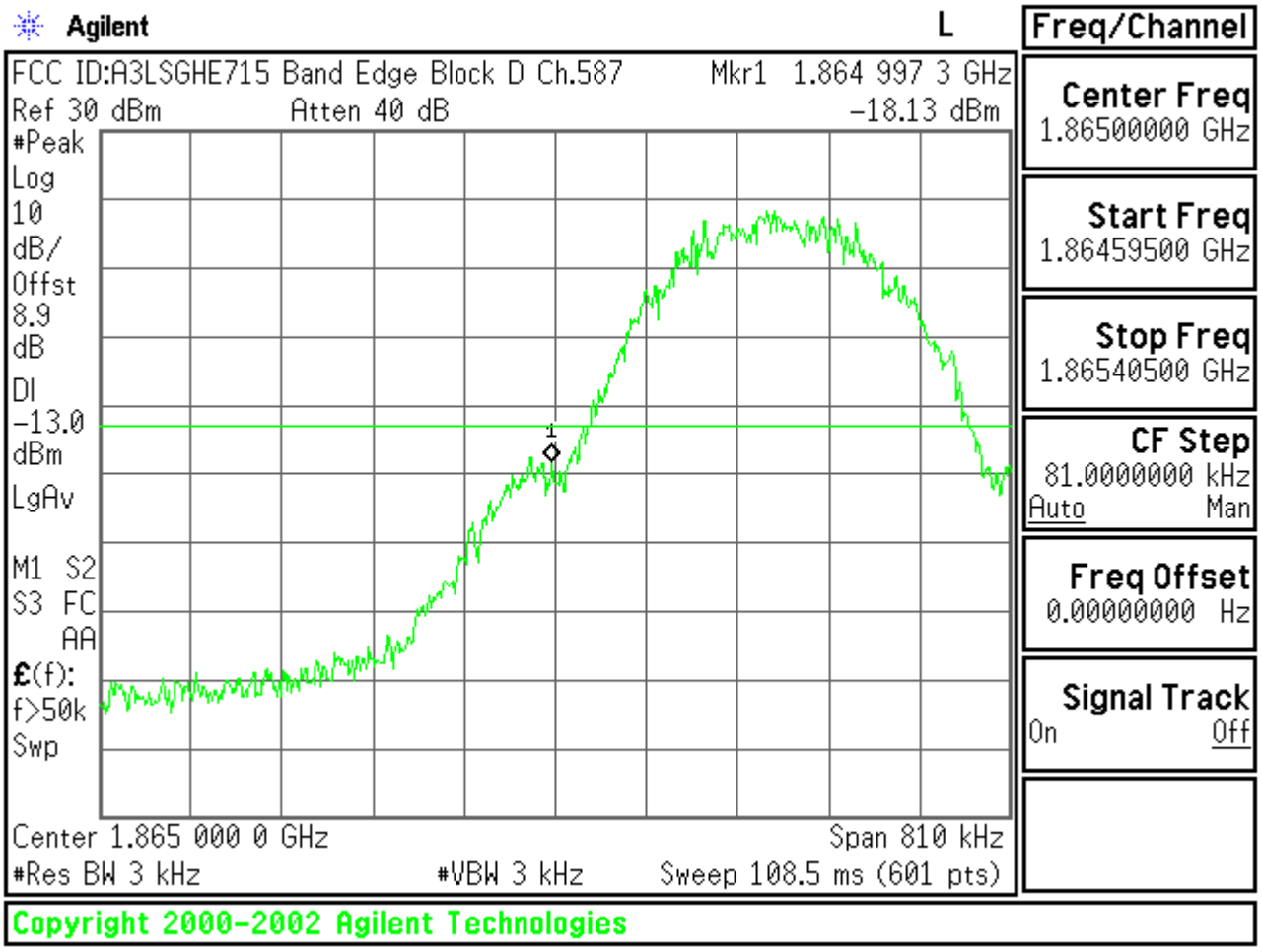

Agilent
L
FCC ID:A3LSGHE715 Band Edge Block A Ch.585
Mkr1 1.865 004 1 GHz
Ref 30 dBm
Atten 40 dB
-16.60 dBm
#Peak
Log
10
dB/
Offst
8.9
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.865 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.86500000 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
L
FCC ID:A3LSGHE715 Band Edge Block B Ch.612
Mkr1 1.869 979 5 GHz
Ref 30 dBm
Atten 40 dB
-17.73 dBm
#Peak
Log
10
dB/
Offst
8.9
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
L
FCC ID:A3LSGHE715 Band Edge Block B Ch.685
Mkr1 1.885 002 7 GHz
Ref 30 dBm
Atten 40 dB
-16.28 dBm
#Peak
Log
10
dB/
Offst
8.9
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:A3LSGHE715 Band Edge Block C Ch.737
Mkr1 1.894 972 7 GHz
Ref 30 dBm
Atten 40 dB
-17.49 dBm
#Peak
Log
10
dB/
Offst
8.9
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:A3LSGHE715 Band Edge Block C Ch.810
Mkr1 1.910 028 6 GHz
Ref 30 dBm
Atten 40 dB
-17.98 dBm
#Peak
Log
10
dB/
Offst
8.9
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:A3LSGHE715 Band Edge Block D Ch.587
Mkr1 1.864 997 3 GHz
Ref 30 dBm
Atten 40 dB
-18.13 dBm
#Peak
Log
10
dB/
Offst
8.9
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
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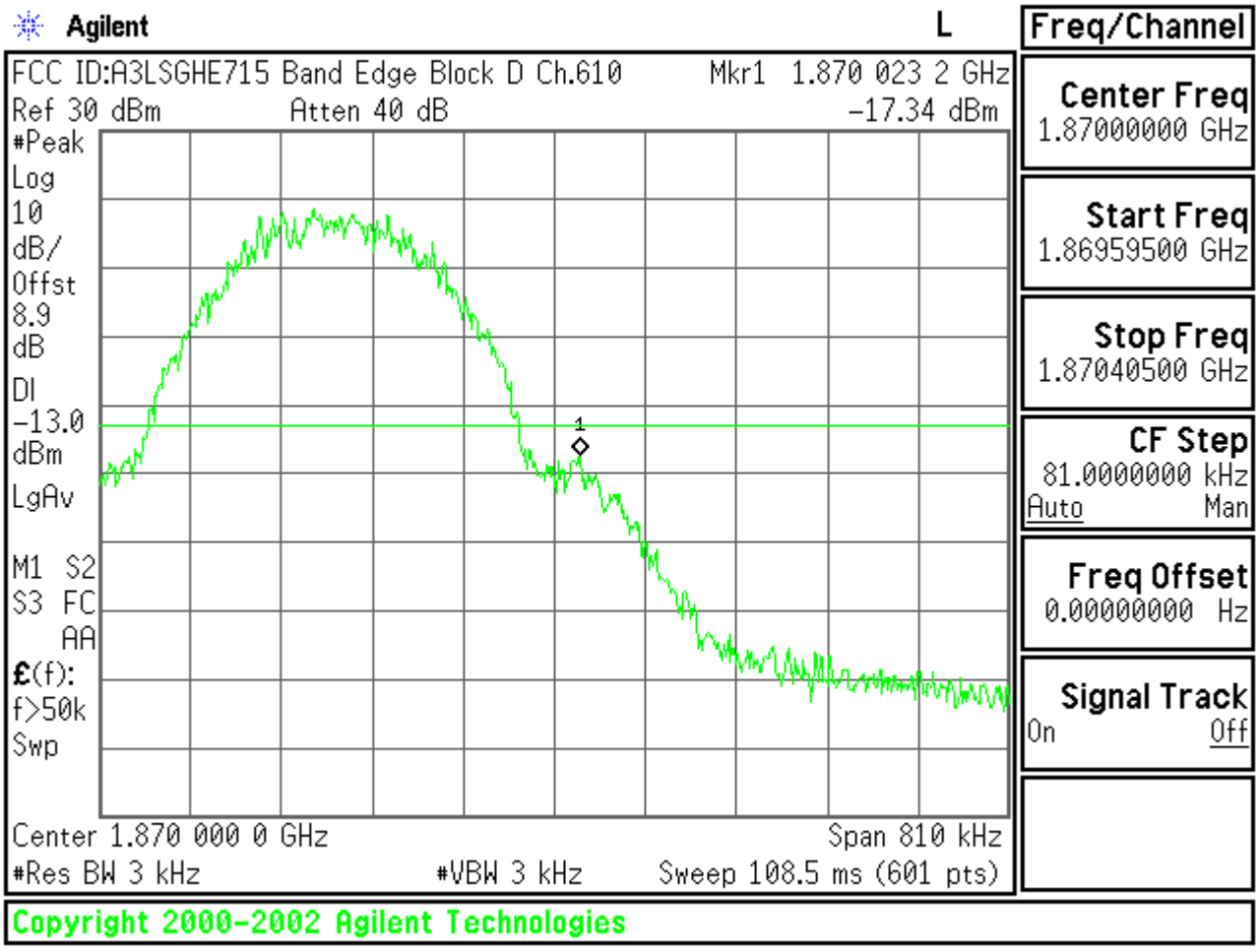
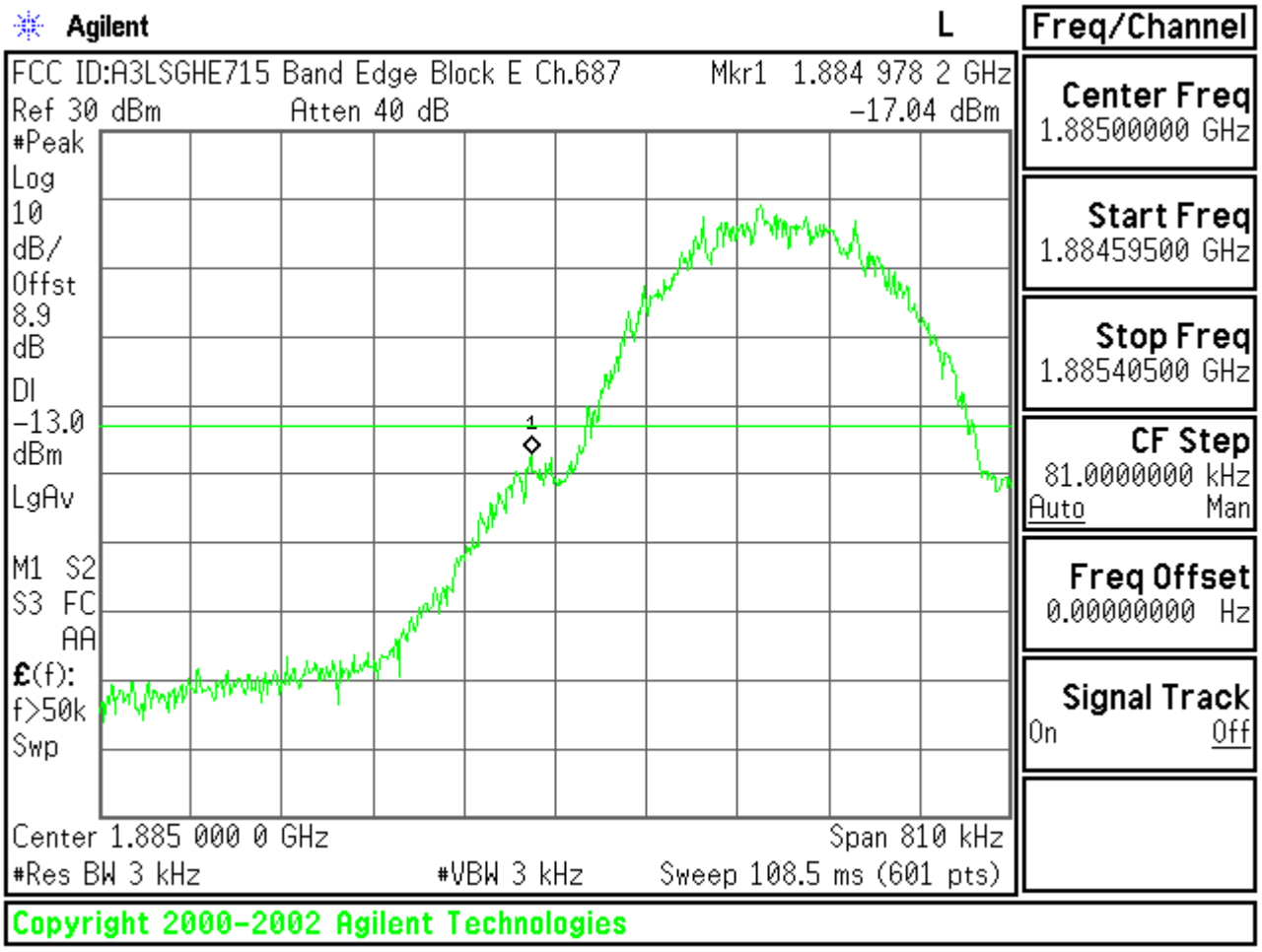

Agilent
L
FCC ID:A3LSGHE715 Band Edge Block D Ch.610
Mkr1 1.870 023 2 GHz
Ref 30 dBm
Atten 40 dB
-17.34 dBm
#Peak
Log
10
dB/
Offst
8.9
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.870 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.87000000 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
L
FCC ID:A3LSGHE715 Band Edge Block E Ch.687
Mkr1 1.884 978 2 GHz
Ref 30 dBm
Atten 40 dB
-17.04 dBm
#Peak
Log
10
dB/
Offst
8.9
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
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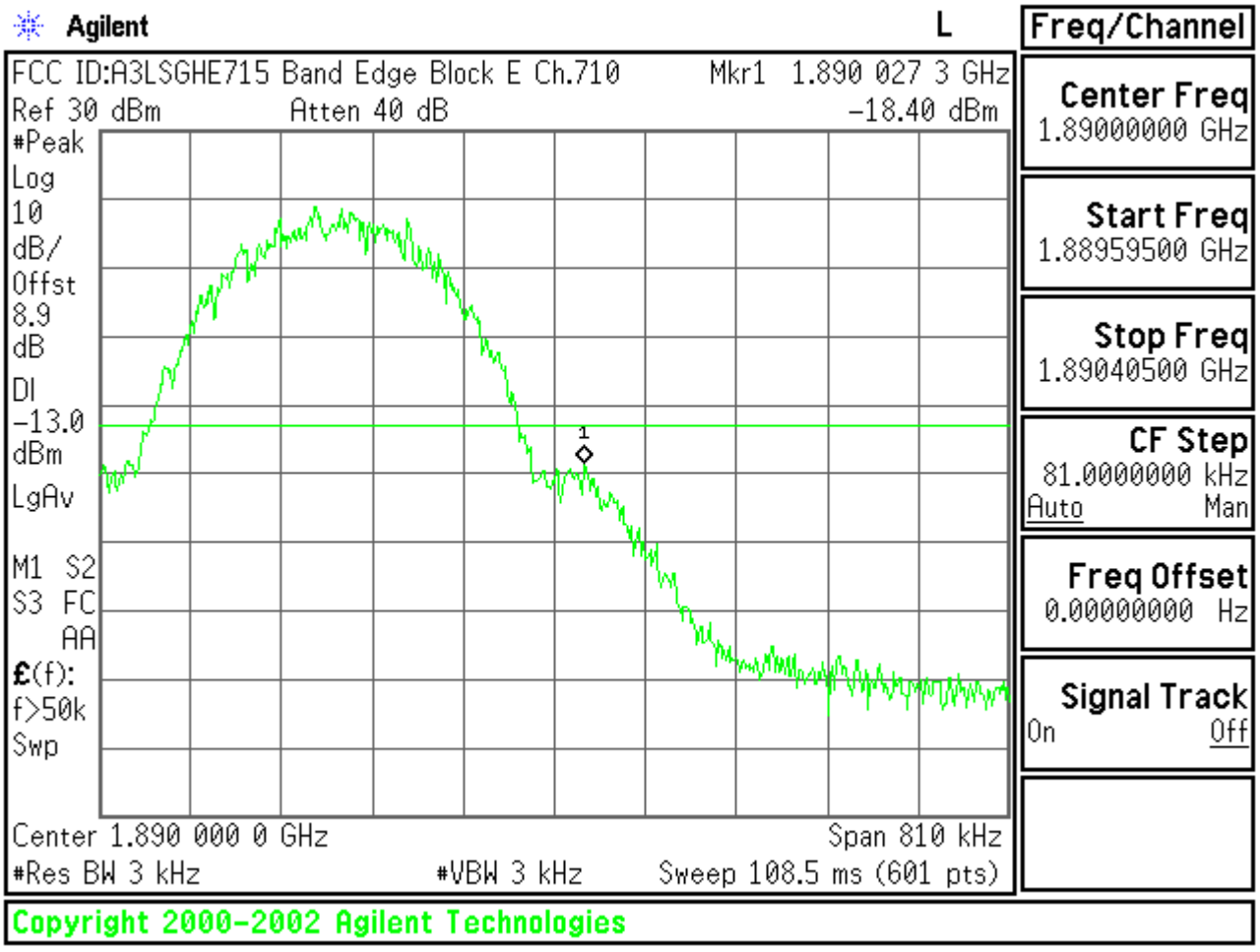
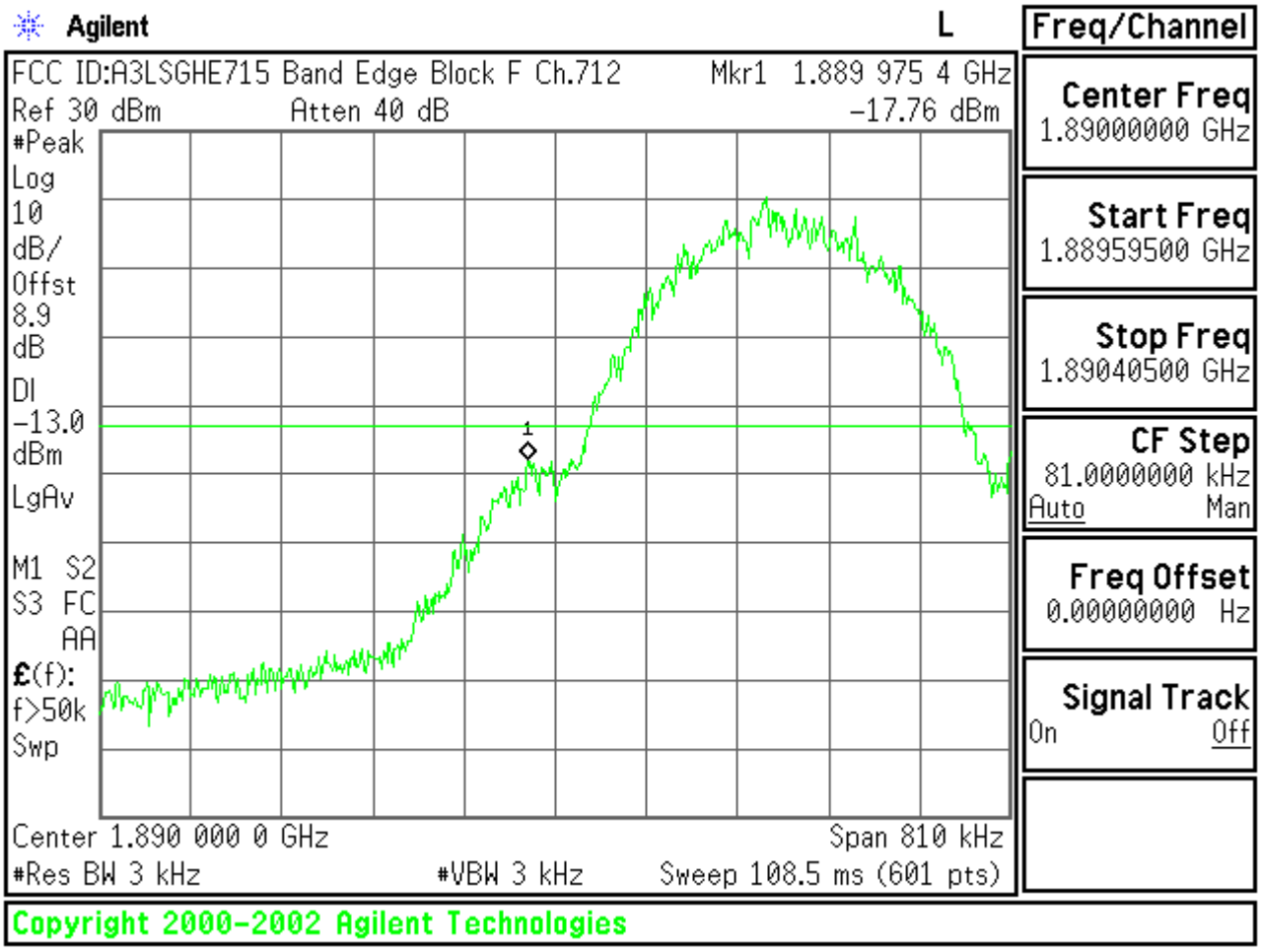
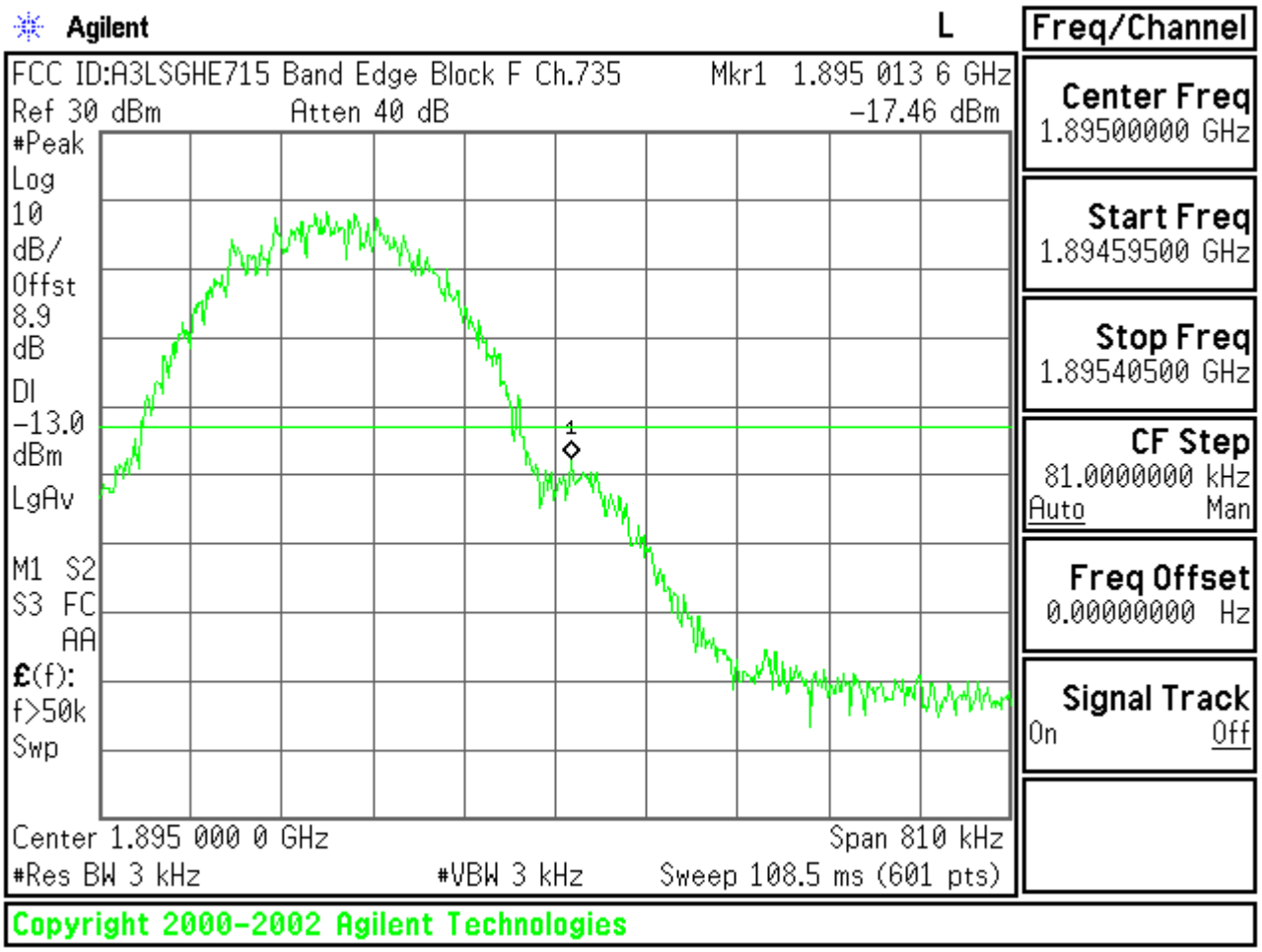

Agilent
L
FCC ID:A3LSGHE715 Band Edge Block E Ch.710
Mkr1 1.890 027 3 GHz
Ref 30 dBm
Atten 40 dB
-18.40 dBm
#Peak
Log
10
dB/
Offst
8.9
dB
Dl
-13.0
dBm
LgAv
M1 S2
S3 FC
AA
£(f):
f>50k
Swp
Center 1.890 000 0 GHz
Span 810 kHz
#Res BW 3 kHz
#VBW 3 kHz
Sweep 108.5 ms (601 pts)
Freq/Channel
Center Freq
1.89000000 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:A3LSGHE715 Band Edge Block F Ch.712
Mkr1 1.889 975 4 GHz
Ref 30 dBm
Atten 40 dB
-17.76 dBm
#Peak
Log
10
dB/
Offst
8.9
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:A3LSGHE715 Band Edge Block F Ch.735
Mkr1 1.895 013 6 GHz
Ref 30 dBm
Atten 40 dB
-17.46 dBm
#Peak
Log
10
dB/
Offst
8.9
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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