

**FCC
Occupied Bandwidth
Data Scans
of
Lucent Technologies Inc.**

**Cellular
Ultra Linear Amplifier Module /Multi Carrier Amplifier
(ULAM/ MCA)**

Bands A and B

**Single, Dual and Three Carrier
MCA Configurations**

Applicant: Lucent Technologies

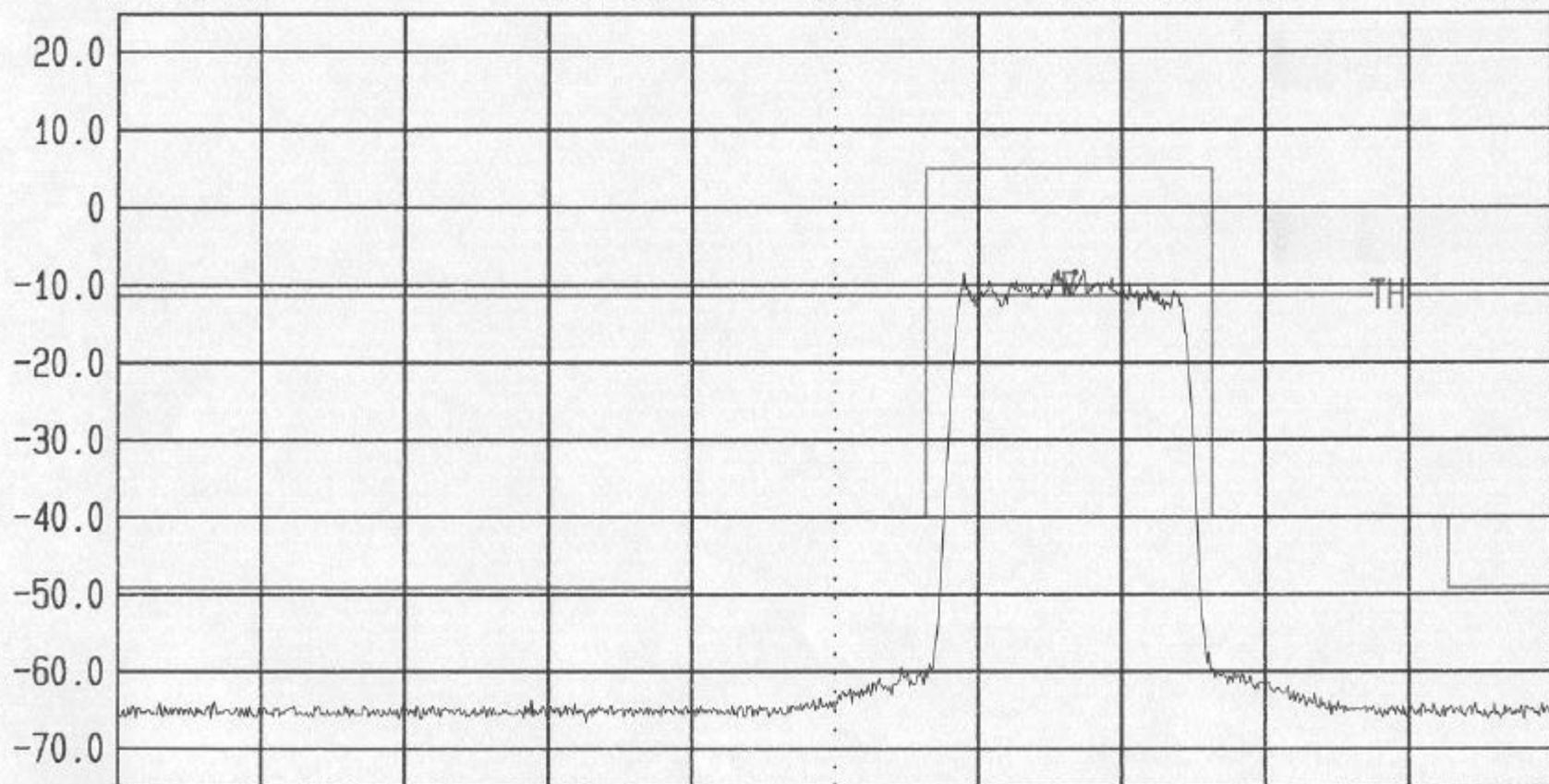
FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Input Chart – Cellular A Band, Sub-Block A1, Single Carrier Configuration ULAM/MCA



LVLOFF
Date 14.Sep.'99 Time 02:57:49
Ref.Lvl Marker -11.28 dBm
25.00 dBm 878.490 MHz

Res.Bw	30.0 kHz [3dB]	Vid.Bw	30 kHz
TG.Lvl	off		
CF.Stp	750.000 kHz	RF.Att	
Thresh	-11.20 dBm	Unit	5 dB [dBm]

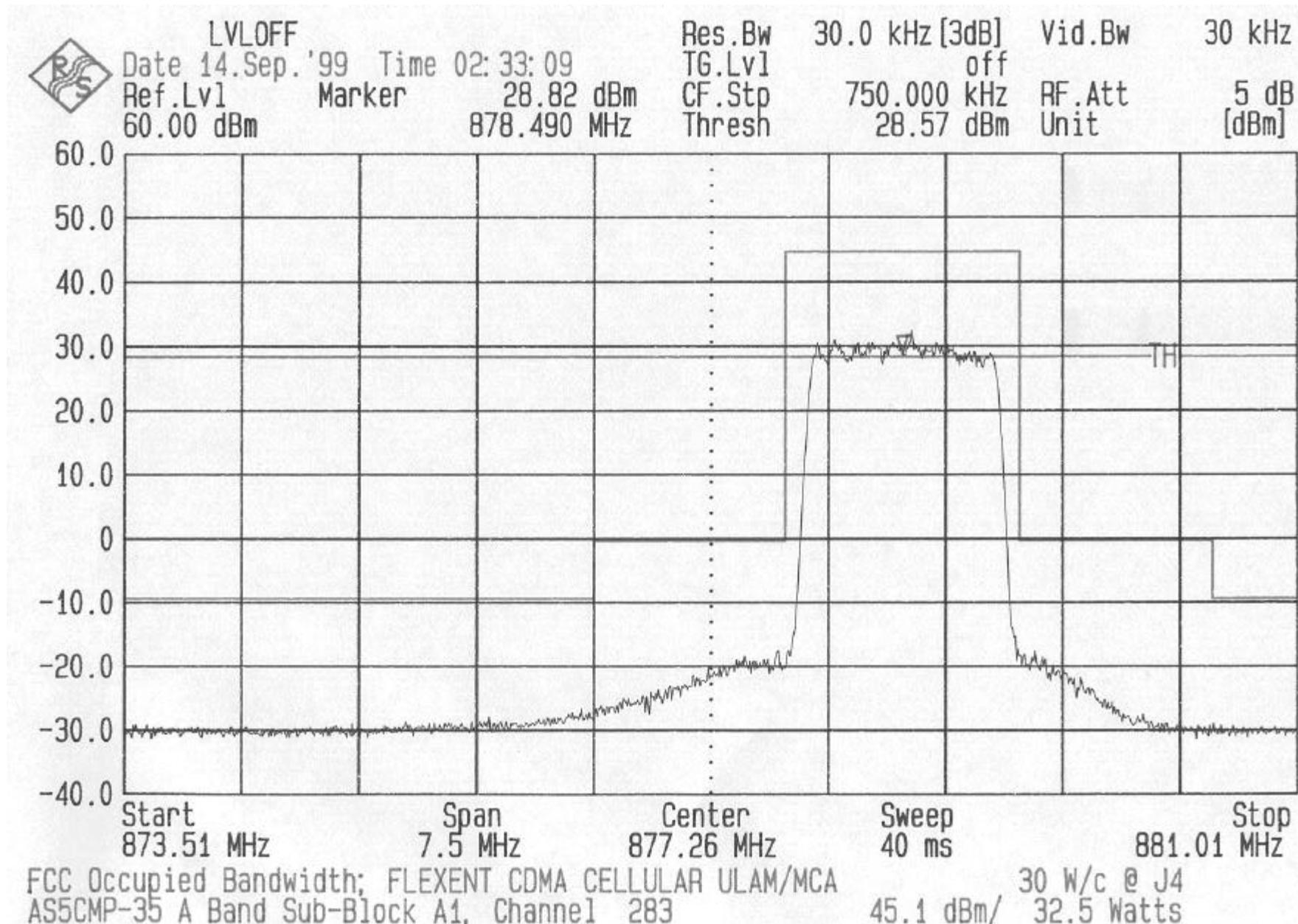


FCC Occupied Bandwidth: FLEXENT CDMA CELLULAR ULAM/MCA Input to 1 ULAM 30 W/c @ J4
AS5CMP-35 A Band Sub-Block A1, Channel 283 4.1 dBm/ 2.6 mW

Applicant: Lucent Technologies

FCC ID: AS5CMP-35

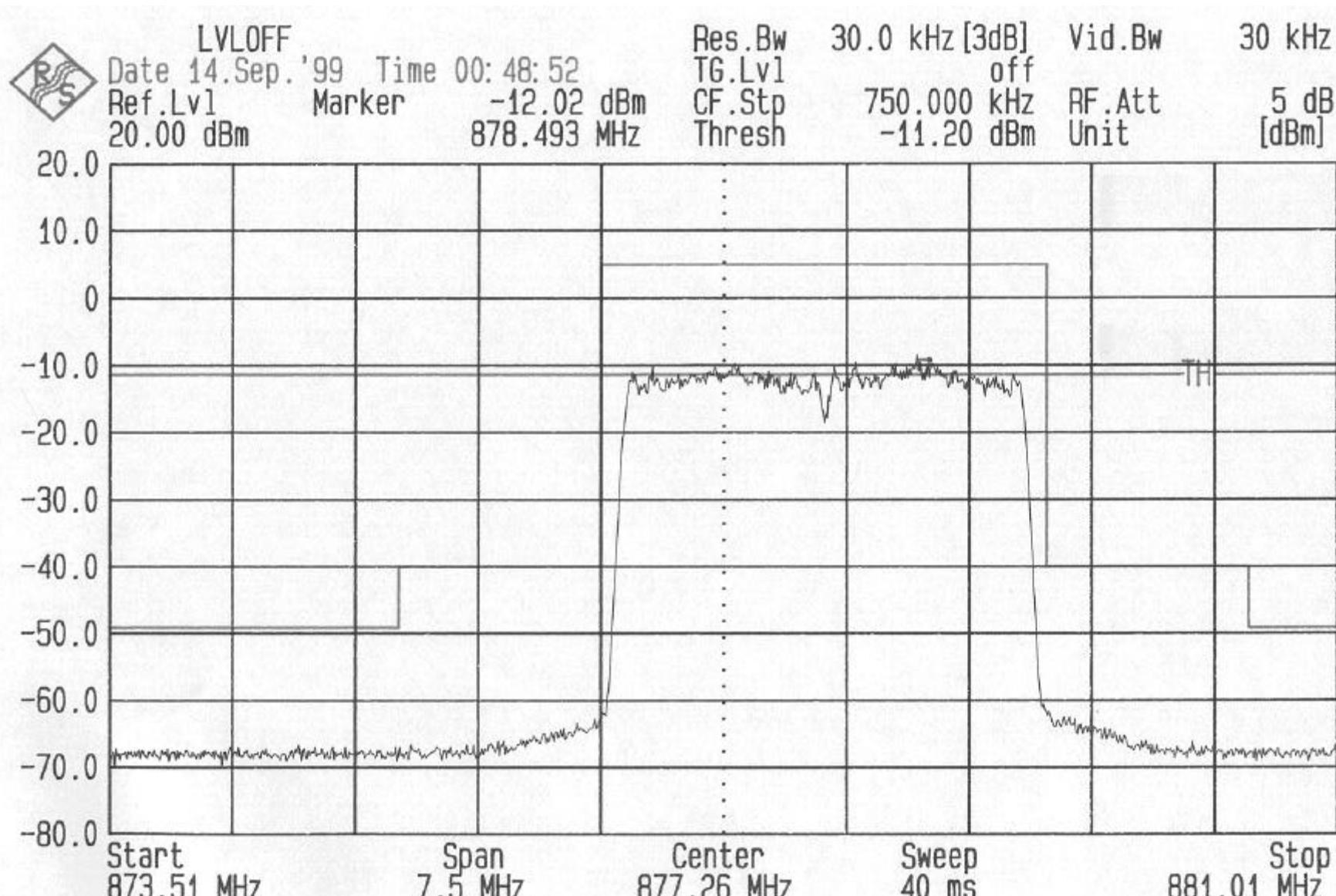
FCC Occupied Bandwidth: Output Chart – Cellular A Band, Sub-Block A1, Single Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Input Chart – Cellular A Band, Sub-Block A1, Two Carrier Configuration ULAM/MCA

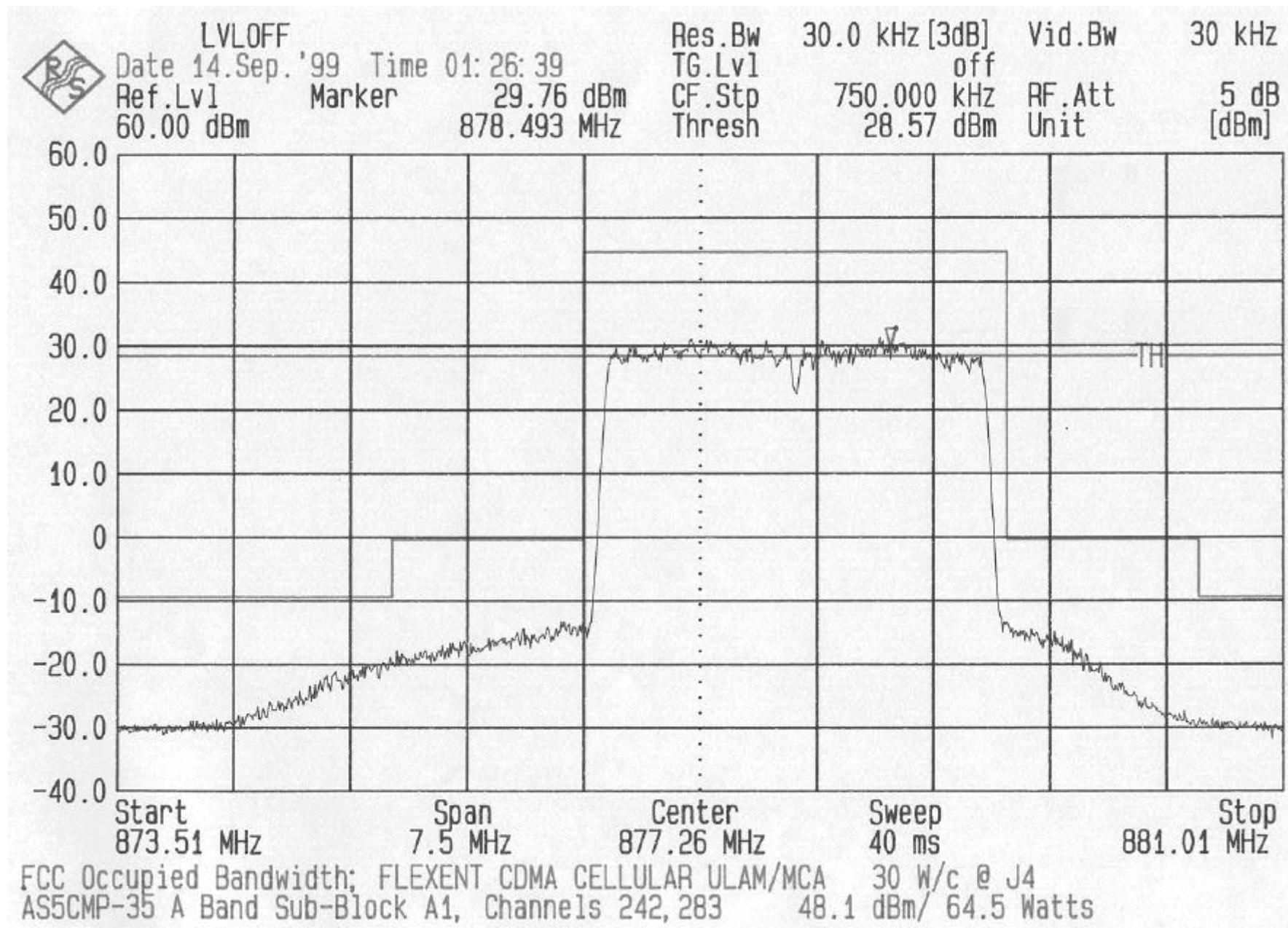


FCC Occupied Bandwidth; FLEXENT CDMA CELLULAR ULAM/MCA Input to 1 ULAM 30 W/c @ J4
AS5CMP-35 A Band Sub-Block A1, Channel 242, 283 4.8 dBm/ 3.0 mW @

Applicant: Lucent Technologies

FCC ID: AS5CMP-35

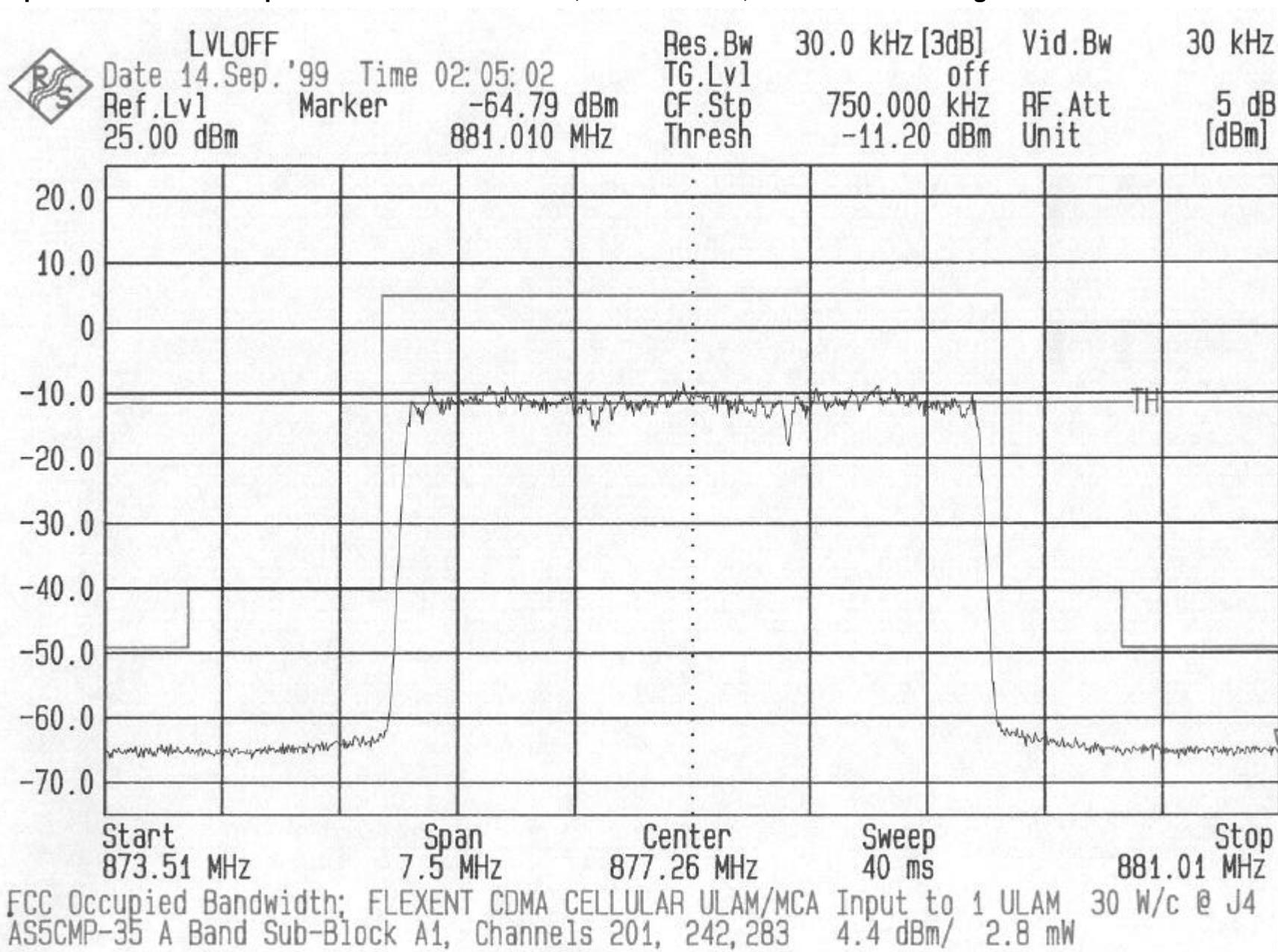
FCC Occupied Bandwidth: Output Chart – Cellular A Band, Sub-Block A1, Two Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Input Chart – Cellular A Band, Sub-Block A1, Three Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

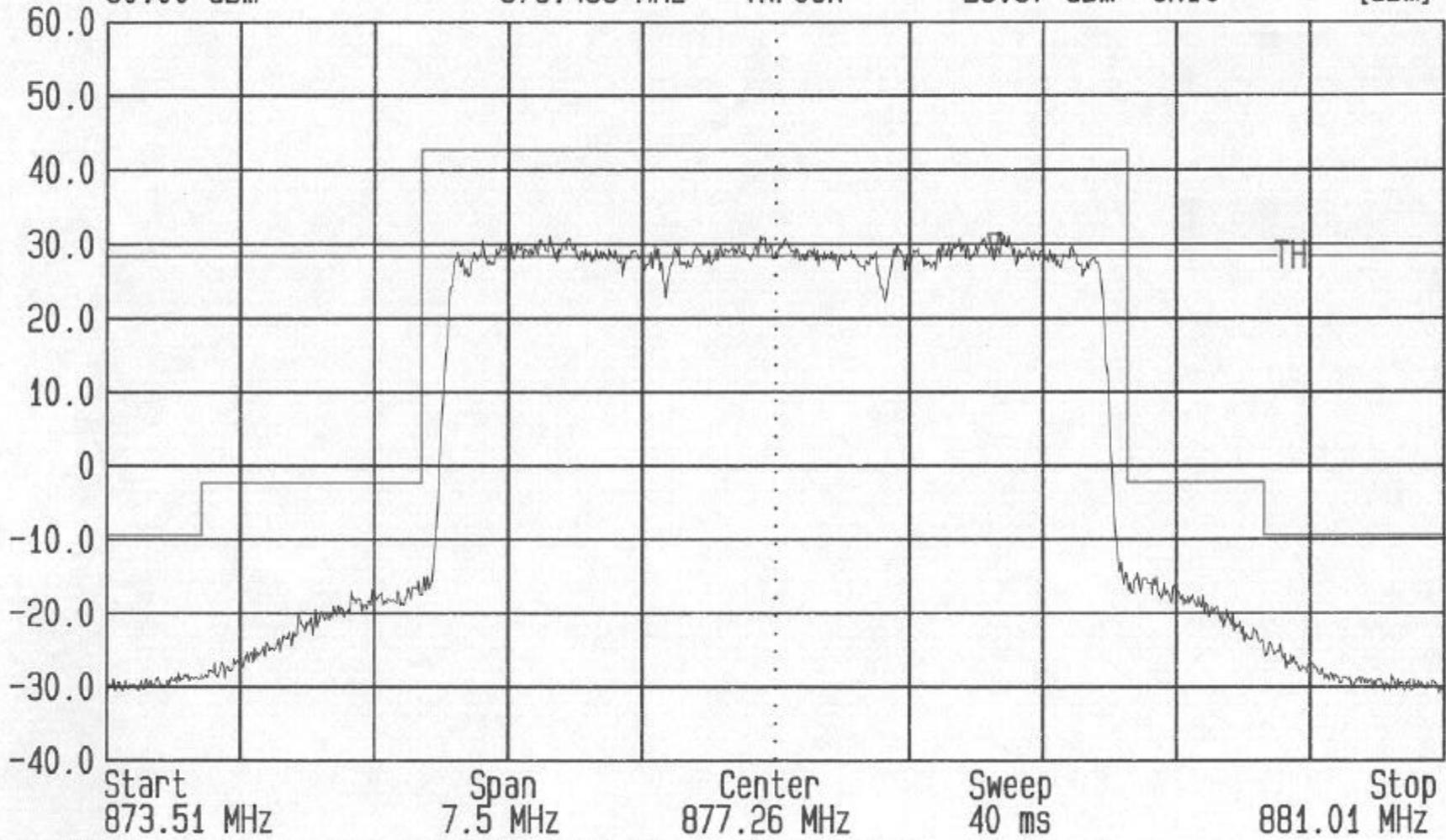
FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Output Chart – Cellular A Band, Sub-Block A1, Three Carrier Configuration ULAM/MCA



Date 14.Sep.'99 Time 01:32:04
Ref.Lvl Marker 28.57 dBm
60.00 dBm 878.493 MHz

Res.Bw 30.0 kHz [3dB] Vid.Bw 30 kHz
TG.Lvl off
CF.Stp 750.000 kHz RF.Att 5 dB
Thresh Thresh [dBm]



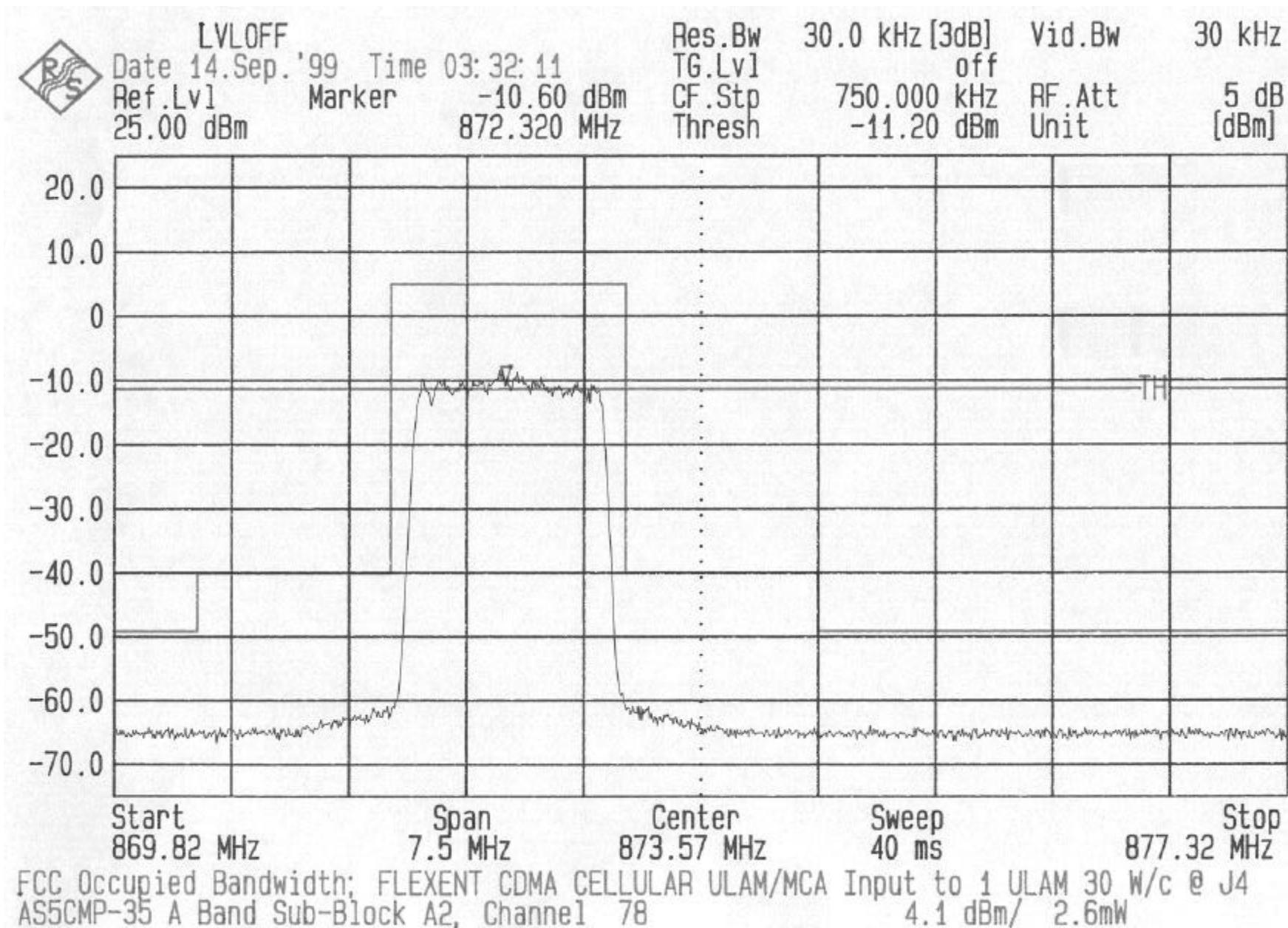
Start 873.51 MHz Span 7.5 MHz Center 877.26 MHz
FCC Occupied Bandwidth; FLEXENT CDMA CELLULAR ULAM/MCA
AS5CMP-35 A Band Sub-Block A1, Channels 201, 242, 283

Sweep 40 ms Stop 881.01 MHz
30 W/c @ J4
49.7 dBm / 94.5 Watts

Applicant: Lucent Technologies

FCC ID: AS5CMP-35

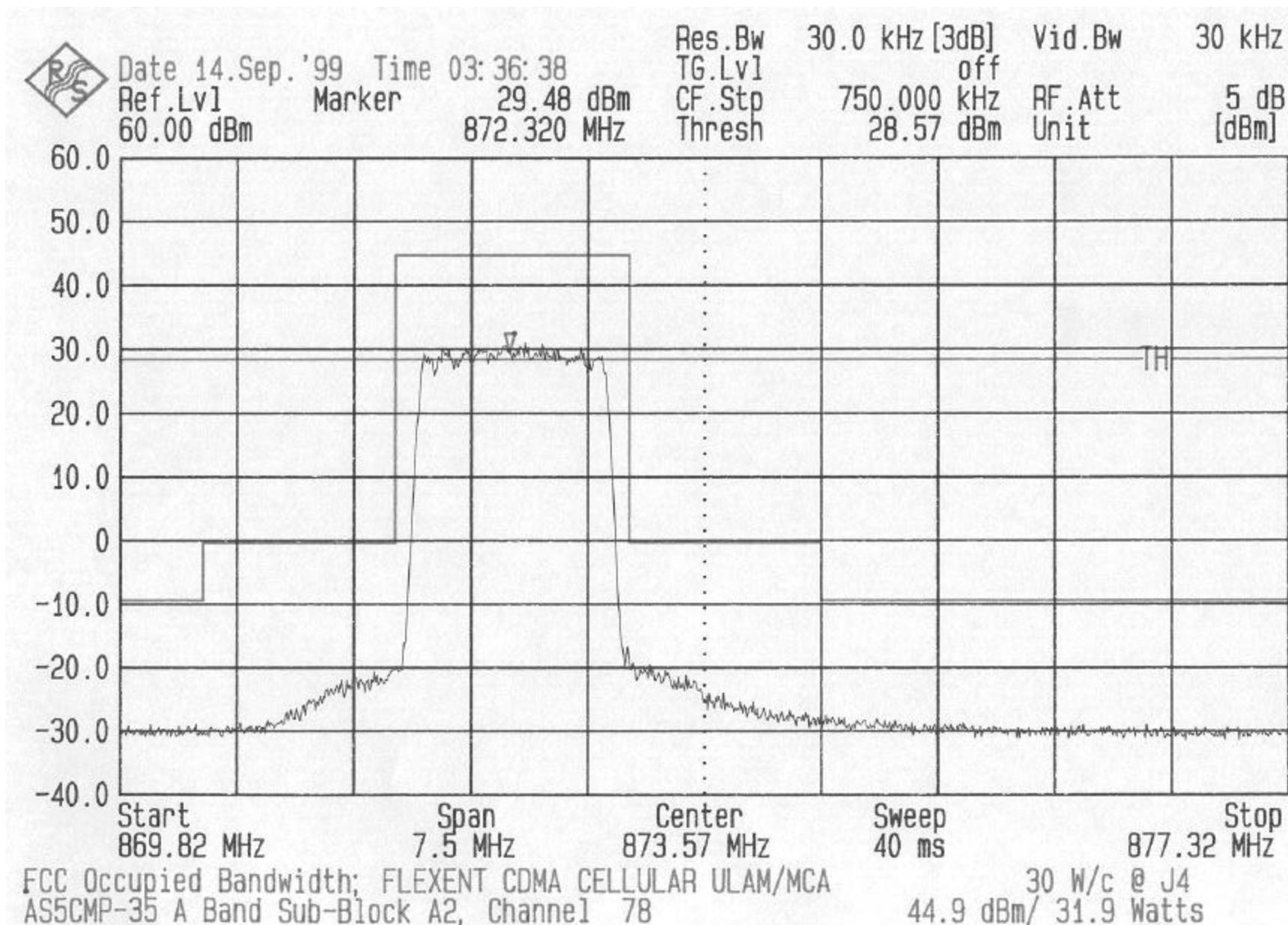
FCC Occupied Bandwidth: Input Chart – Cellular A Band, Sub-Block A2, Single Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

FCC ID: AS5CMP-35

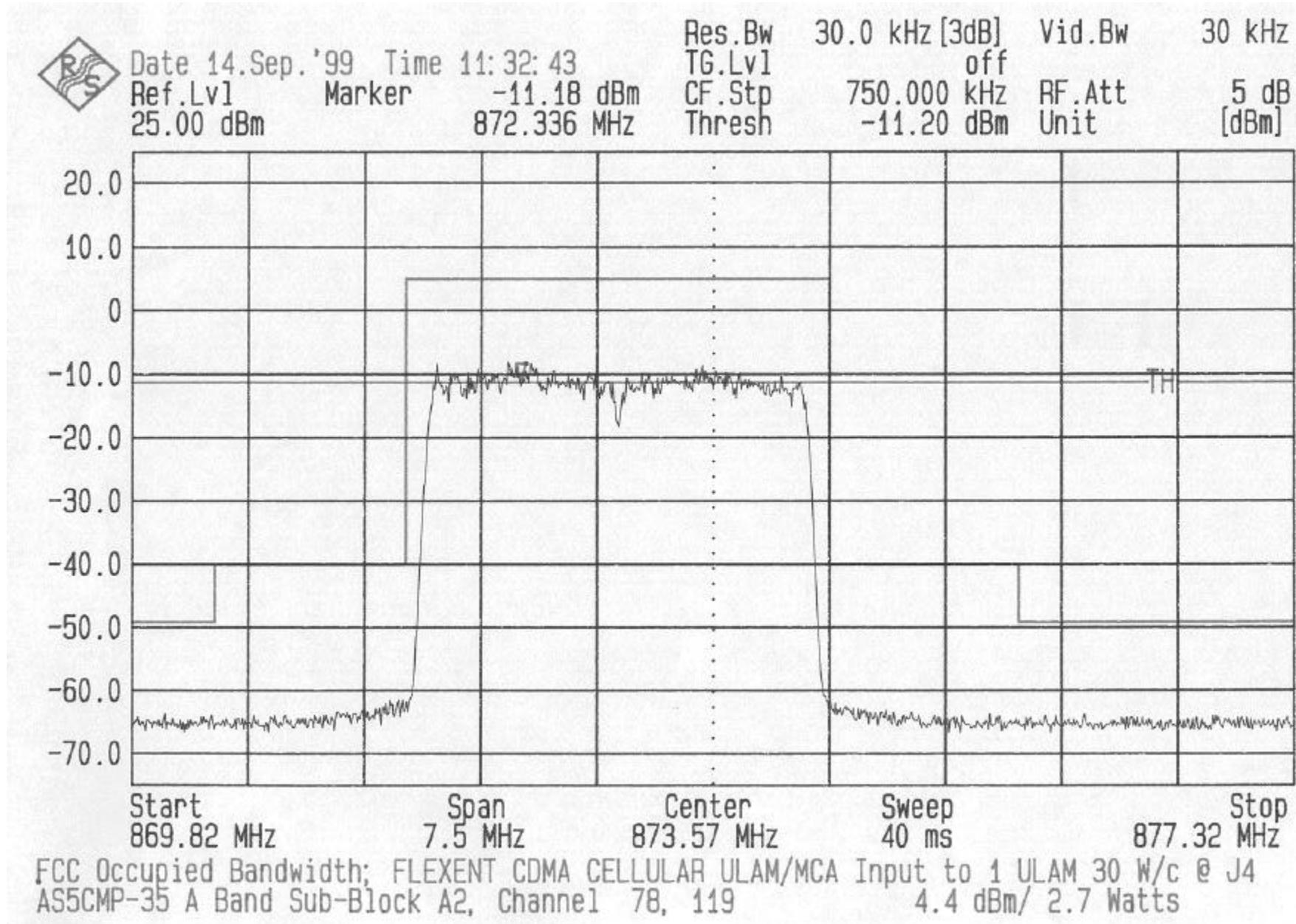
FCC Occupied Bandwidth: Output Chart – Cellular A Band, Sub-Block A2, Single Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

FCC ID: AS5CMP-35

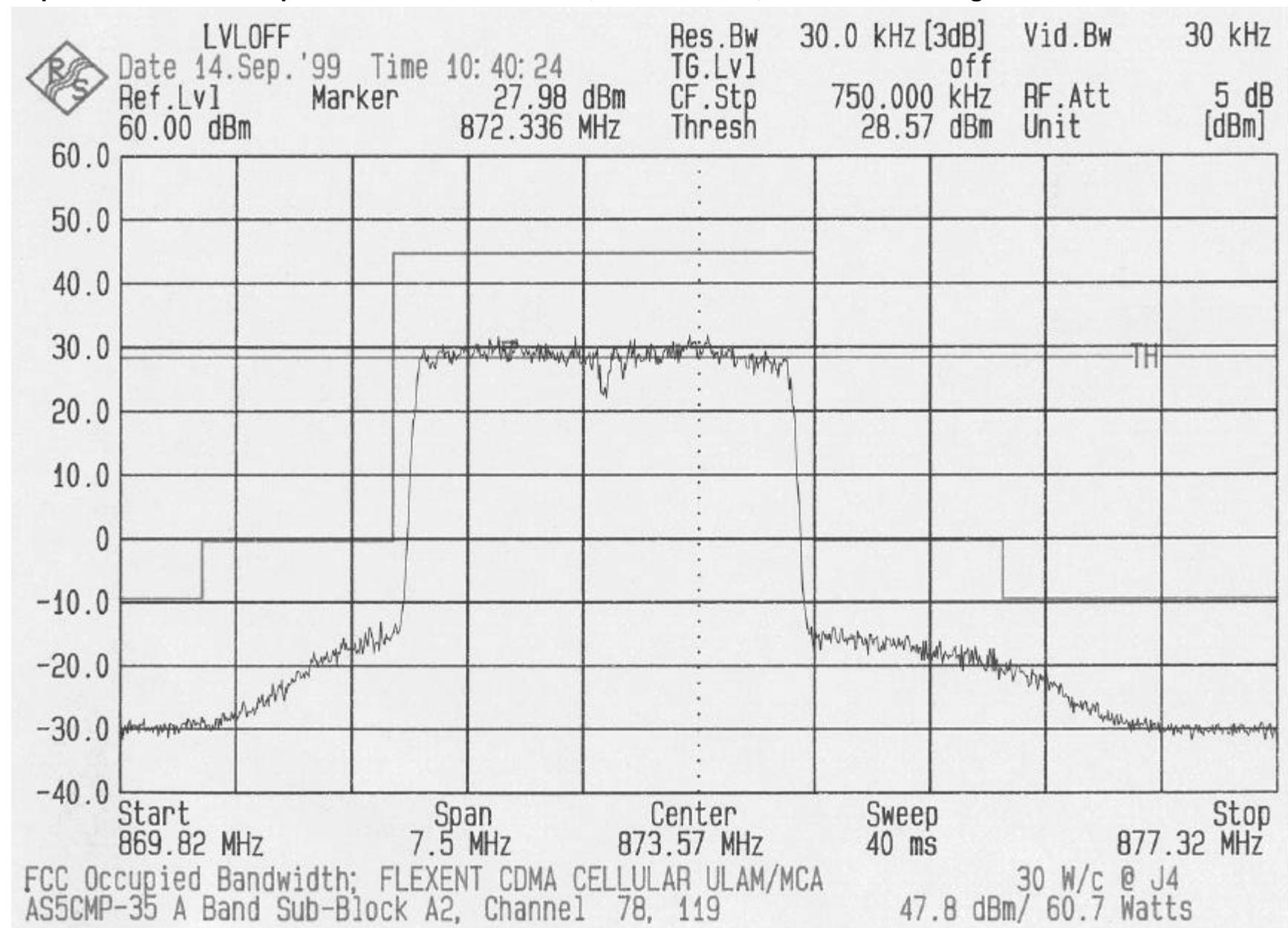
FCC Occupied Bandwidth: Input Chart – Cellular A Band, Sub-Block A2, Two Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Output Chart – Cellular A Band, Sub-Block A2, Two Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

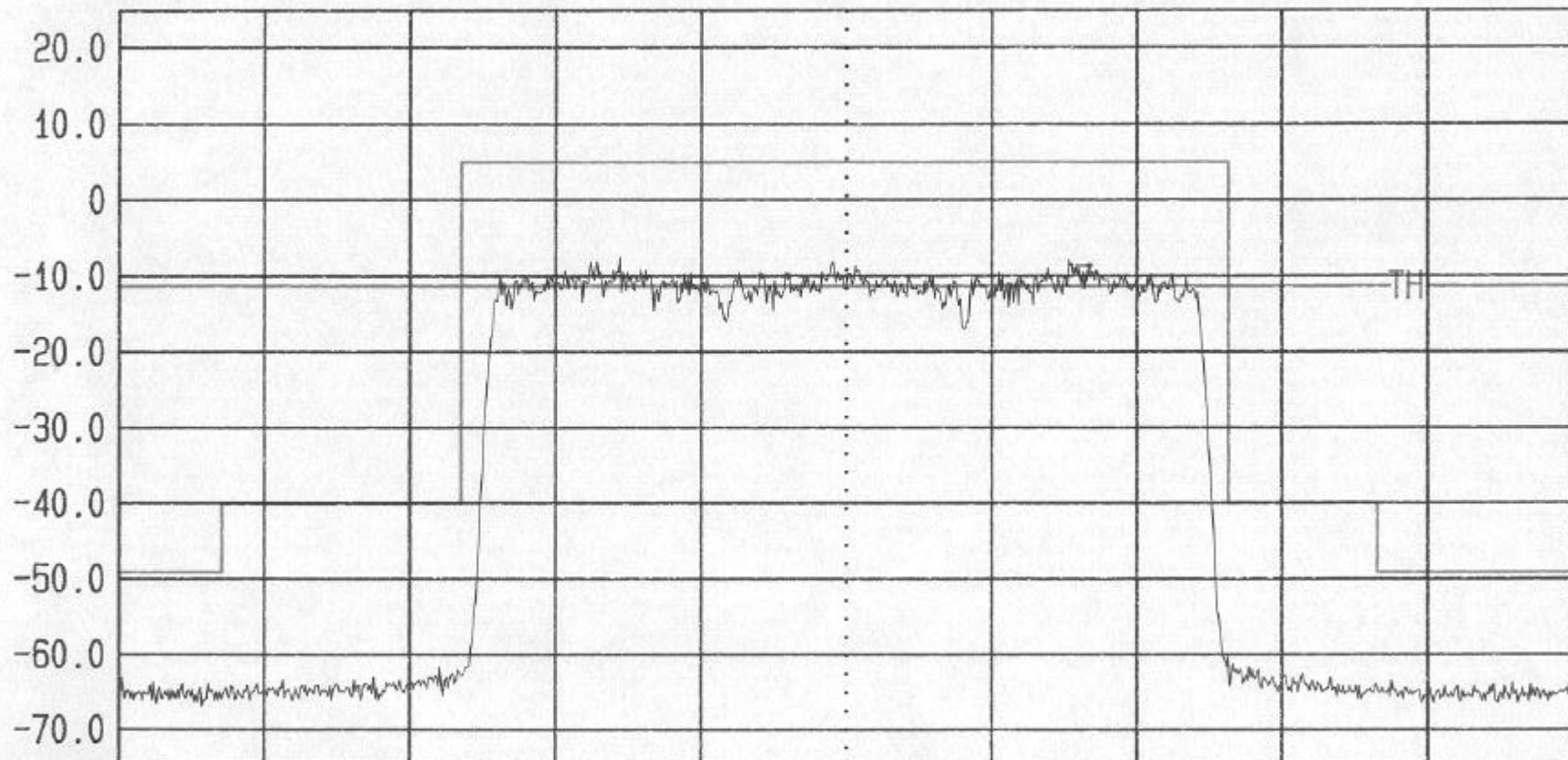
FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Input Chart – Cellular A Band, Sub-Block A2, Three Carrier Configuration ULAM/MCA



LVLOFF
Date 14.Sep.'99 Time 15:04:29
Ref.Lvl Marker -11.46 dBm
25.00 dBm 874.803 MHz

Res.Bw 30.0 kHz [3dB] Vid.Bw 30 kHz
TG.Lvl off
CF.Stp 750.000 kHz RF.Att 5 dB
Thresh -11.20 dBm Unit [dBm]



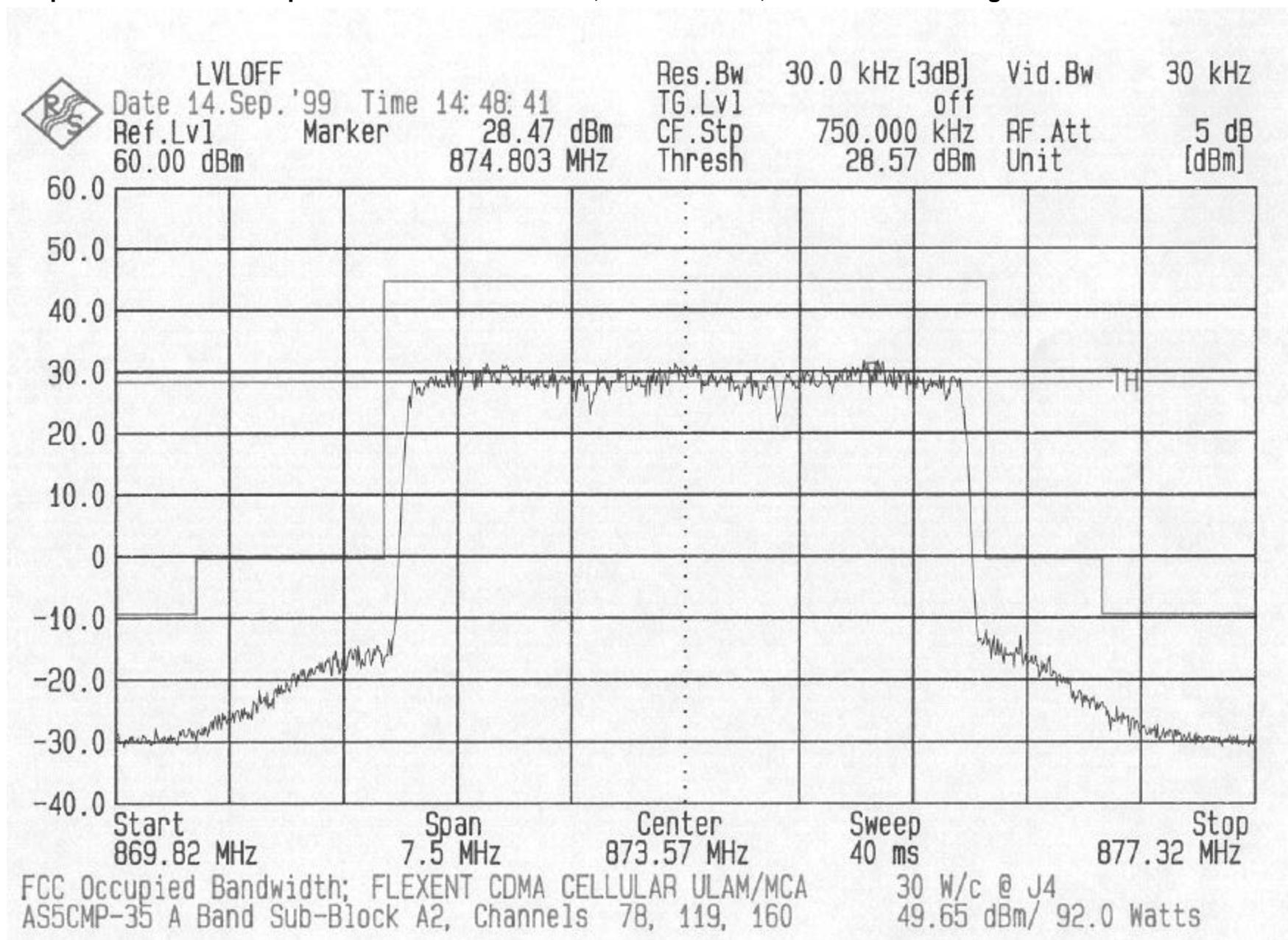
Start 869.82 MHz Span 7.5 MHz Center 873.57 MHz Sweep 40 ms Stop 877.32 MHz

FCC Occupied Bandwidth: FLEXENT CDMA CELLULAR ULAM/MCA Input to 1 ULAM 30 W/c @ J4
AS5CMP-35 A Band Sub-Block A2, Channels 78, 119, 160 4.48 dBm/ 2.8 mWatts

Applicant: Lucent Technologies

FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Output Chart – Cellular A Band, Sub-Block A2, Three Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

FCC ID: AS5CMP-35

Lucent Technologies Inc - Proprietary
Use pursuant to Company Instructions

Applicant: Lucent Technologies

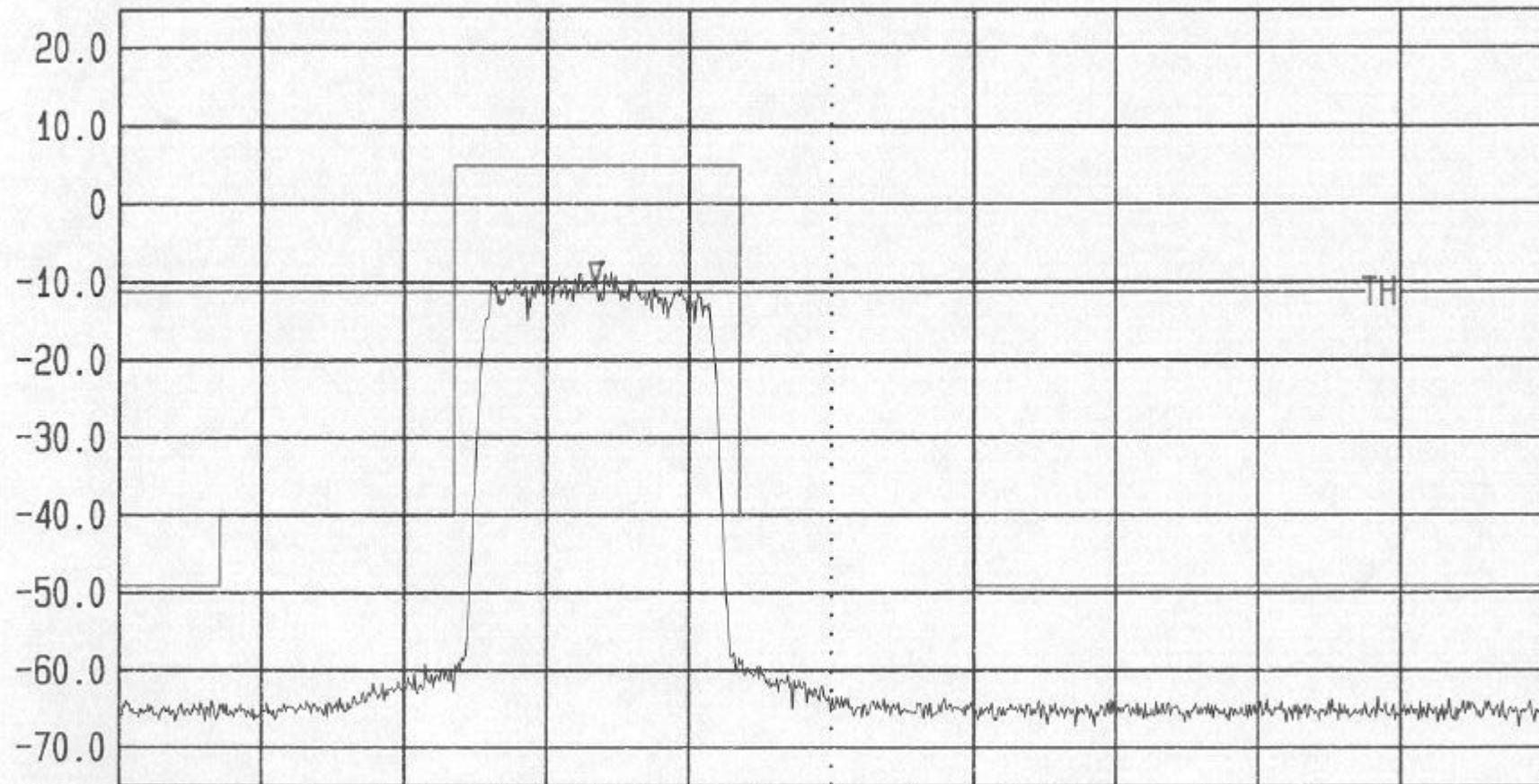
FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Input Chart – Cellular B Band, Sub-Block B1, Single Carrier Configuration ULAM/MCA



LVLOFF
Date 14.Sep.'99 Time 17:17:34
Ref.Lvl Marker -10.52 dBm
25.00 dBm 881.516 MHz

Res.Bw 30.0 kHz [3dB] Vid.Bw 30 kHz
TG.Lvl off
CF.Stp 750.000 kHz RF.Att 5 dB
Thresh -11.20 dBm Unit [dBm]



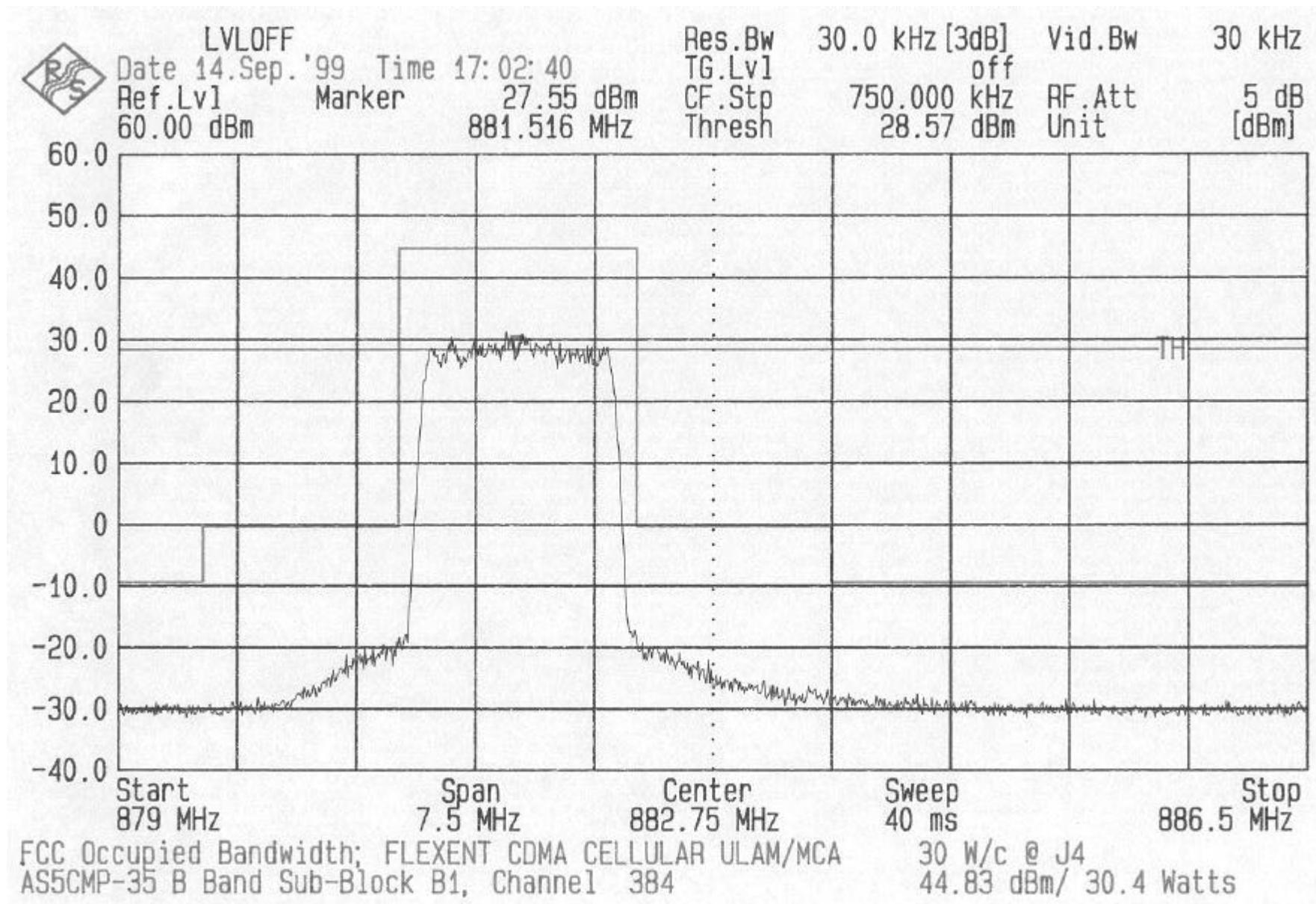
Start 879 MHz Span 7.5 MHz Center 882.75 MHz Sweep 40 ms Stop 886.5 MHz

FCC Occupied Bandwidth; FLEXENT CDMA CELLULAR ULAM/MCA Input to 1 ULAM 30 W/c @ J4
AS5CMP-35 B Band Sub-Block B1, Channel 384 4.29 dBm/ 2.67 mWatts

Applicant: Lucent Technologies

FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Output Chart – Cellular B Band, Sub-Block B1, Single Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

FCC ID: AS5CMP-35

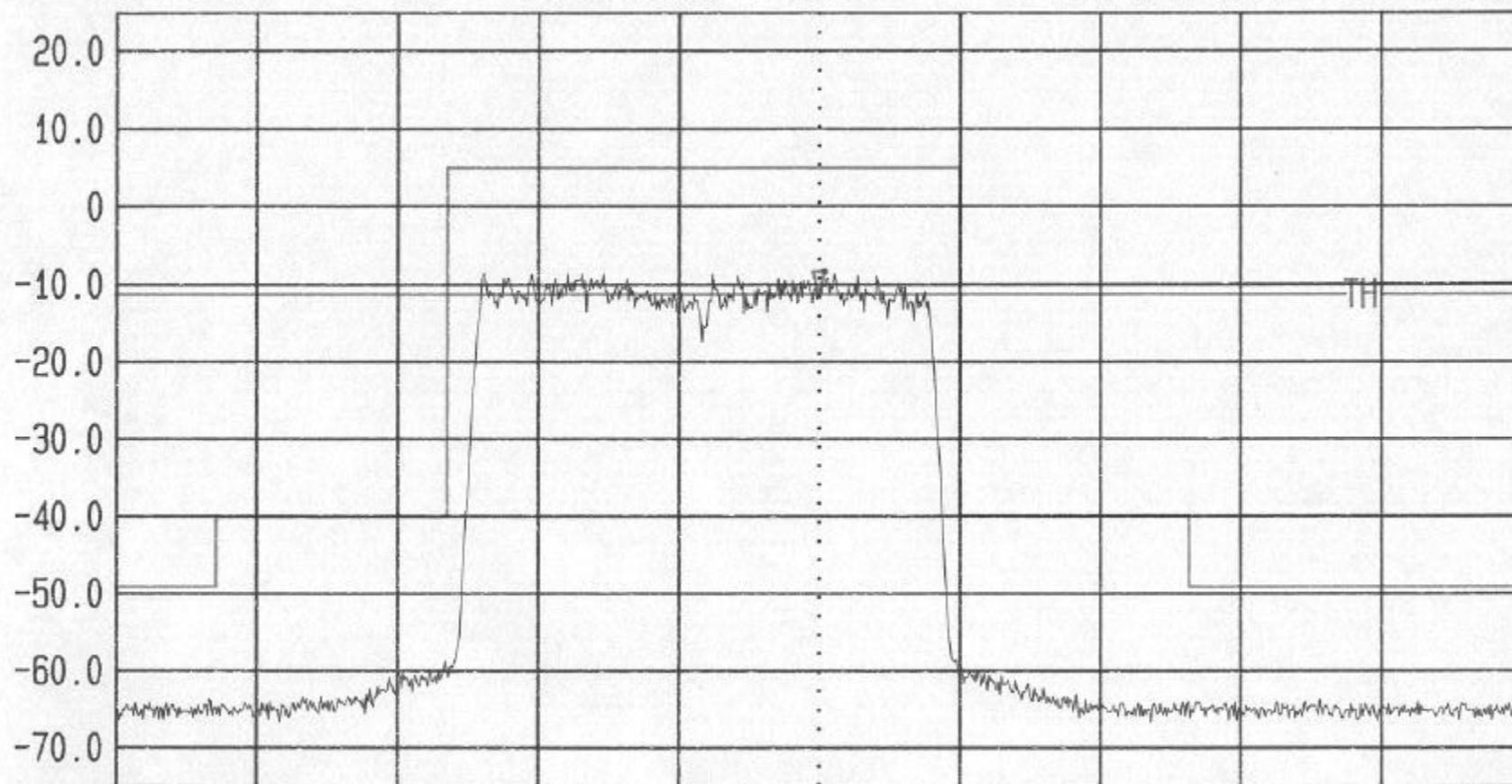
FCC Occupied Bandwidth: Input Chart – Cellular B Band, Sub-Block B1, Two Carrier Configuration ULAM/MCA



LVLOFF

Date 14.Sep.'99 Time 16:39:58
Ref.Lvl Marker -11.33 dBm
25.00 dBm 882.750 MHz

Res.Bw 30.0 kHz [3dB] Vid.Bw 30 kHz
TG.Lvl off
CF.Stp 750.000 kHz RF.Att 5 dB
Thresh -11.20 dBm Unit [dBm]



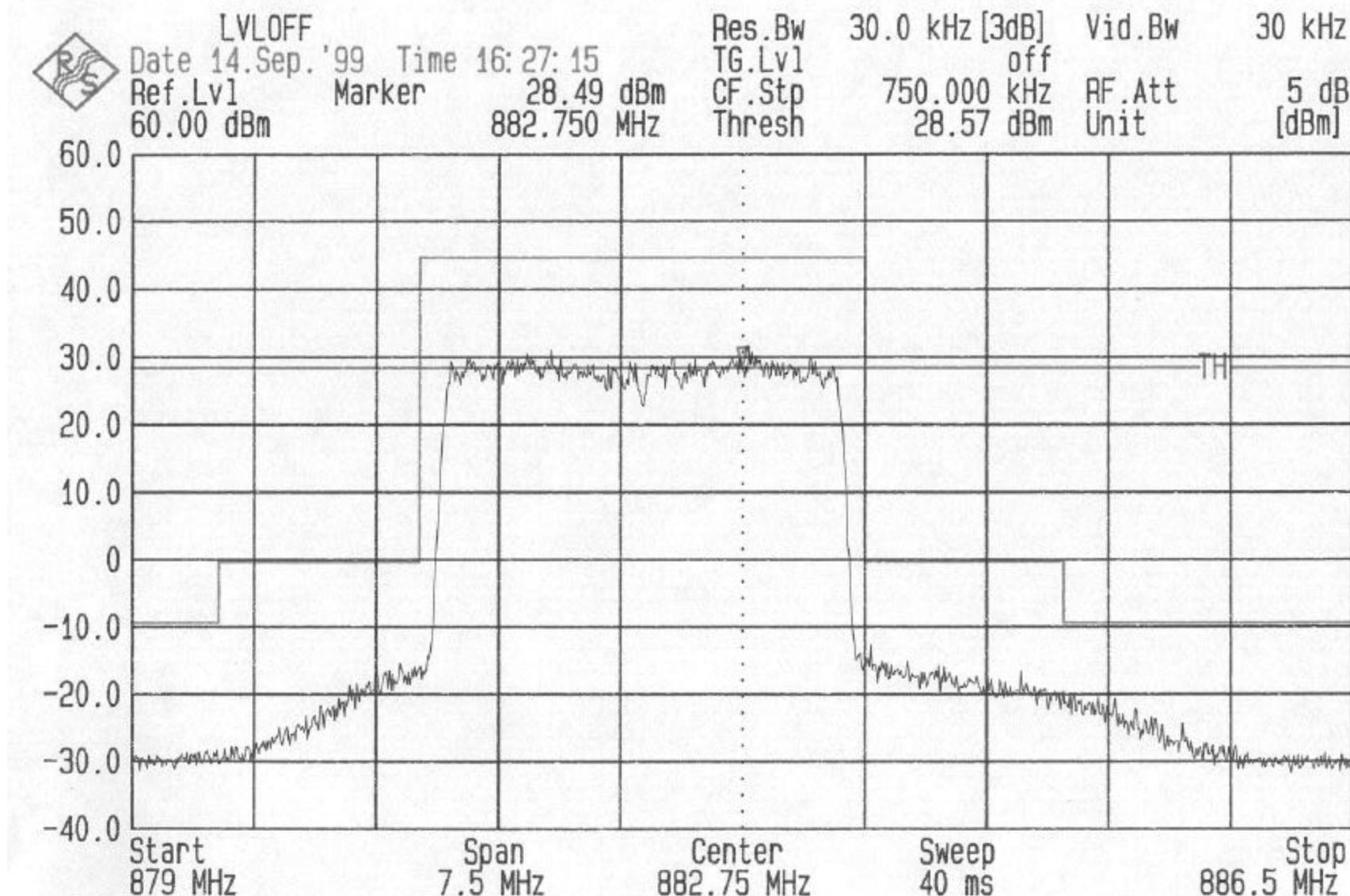
Start 879 MHz Span 7.5 MHz Center 882.75 MHz Sweep 40 ms Stop 886.5 MHz

FCC Occupied Bandwidth: FLEXENT CDMA CELLULAR ULAM/MCA Input to 1 ULAM 30 W/c @ J4
AS5CMP-35 B Band Sub-Block B1, Channels 384, 425 4.55 dBm/ 2.84 mWatts

Applicant: Lucent Technologies

FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Output Chart – Cellular B Band, Sub-Block B1, Two Carrier Configuration ULAM/MCA



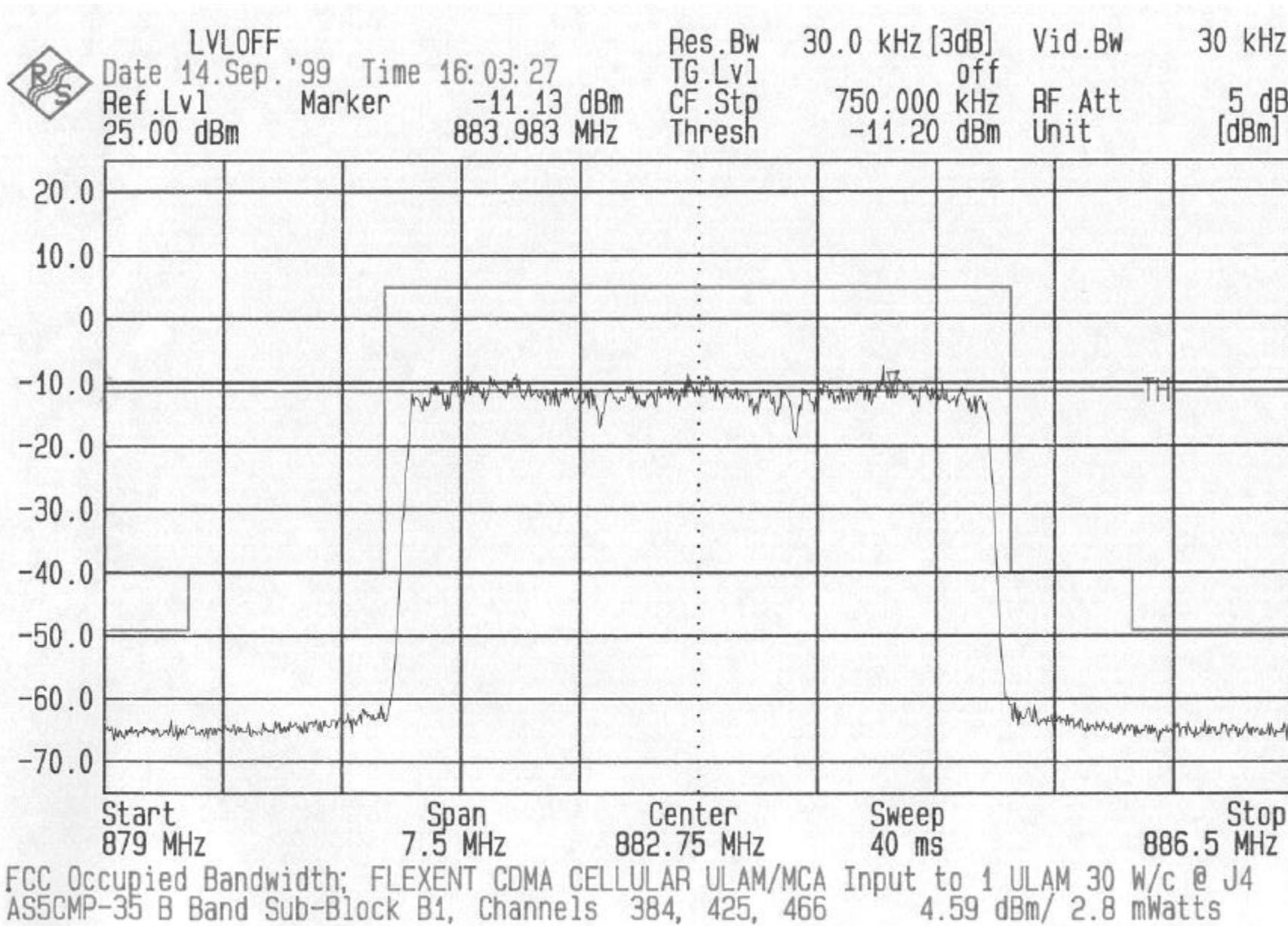
FCC Occupied Bandwidth: FLEXENT CDMA CELLULAR ULAM/MCA
AS5CMP-35 B Band Sub-Block B1, Channels 384, 425

30 W/c @ J4
47.85 dBm/ 60.8 Watts

Applicant: Lucent Technologies

FCC ID: AS5CMP-35

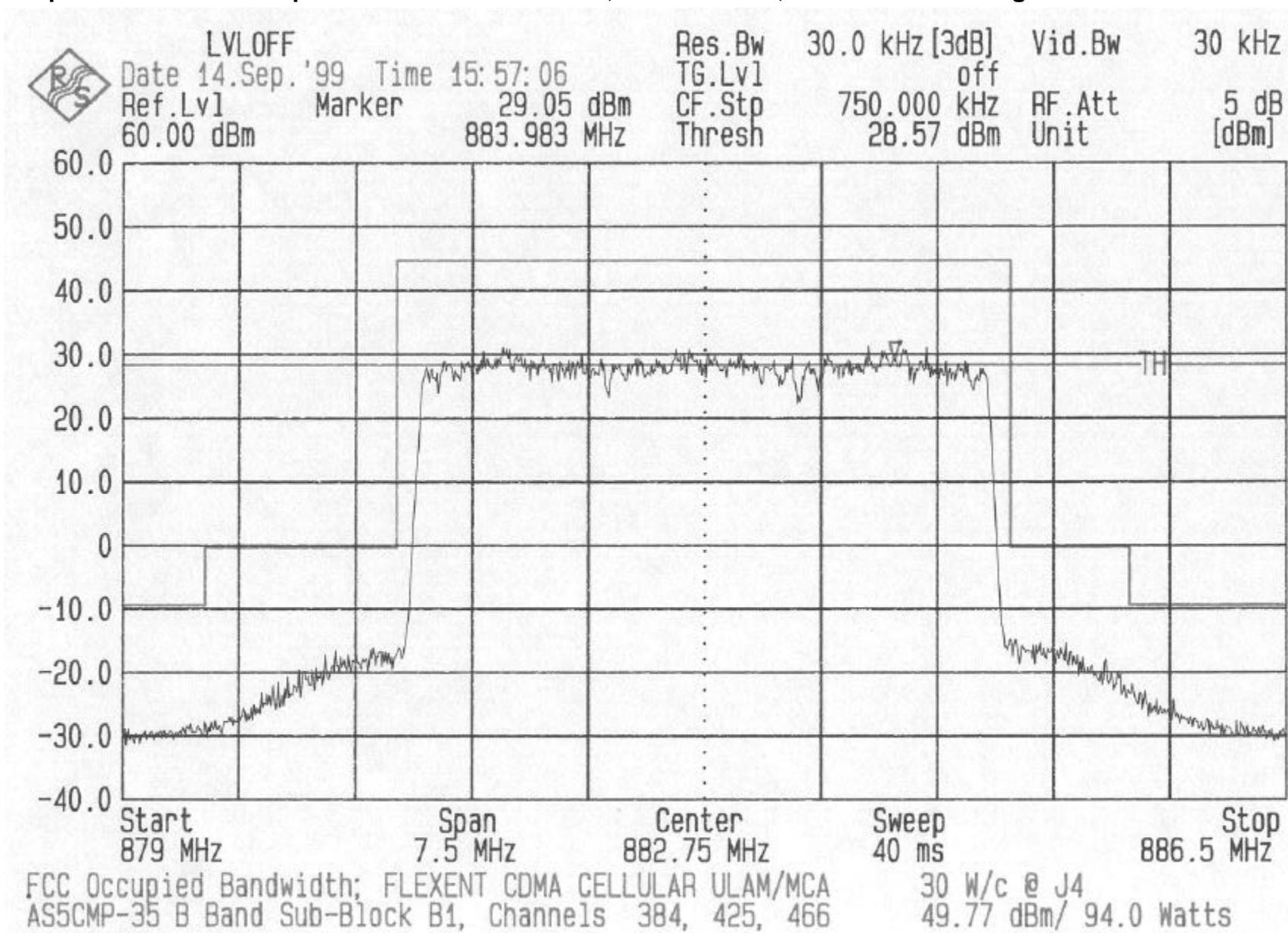
FCC Occupied Bandwidth: Input Chart – Cellular B Band, Sub-Block B1, Three Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Output Chart – Cellular B Band, Sub-Block B1, Three Carrier Configuration ULAM/MCA

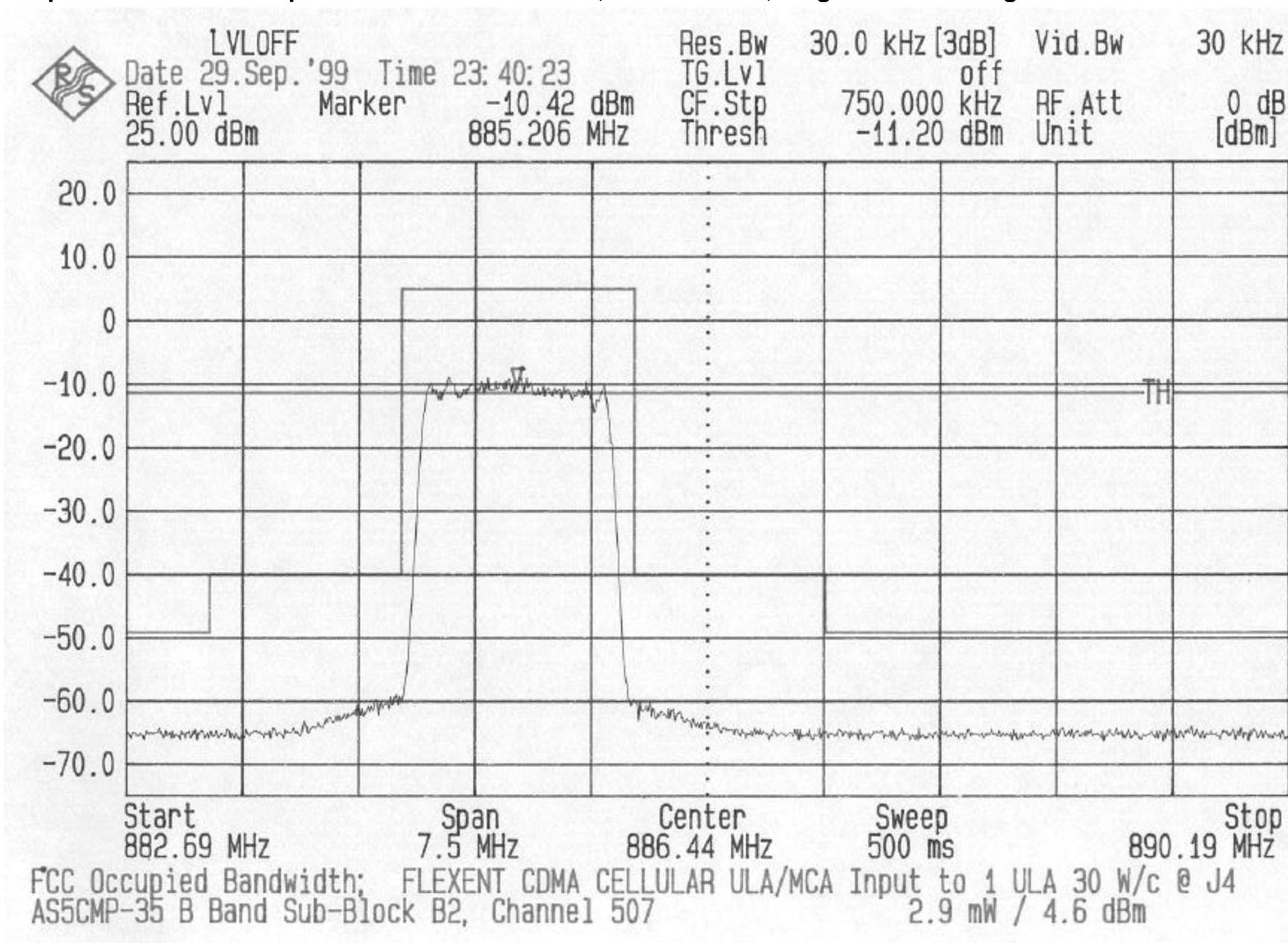


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Use pursuant to Company Instructions

Applicant: Lucent Technologies

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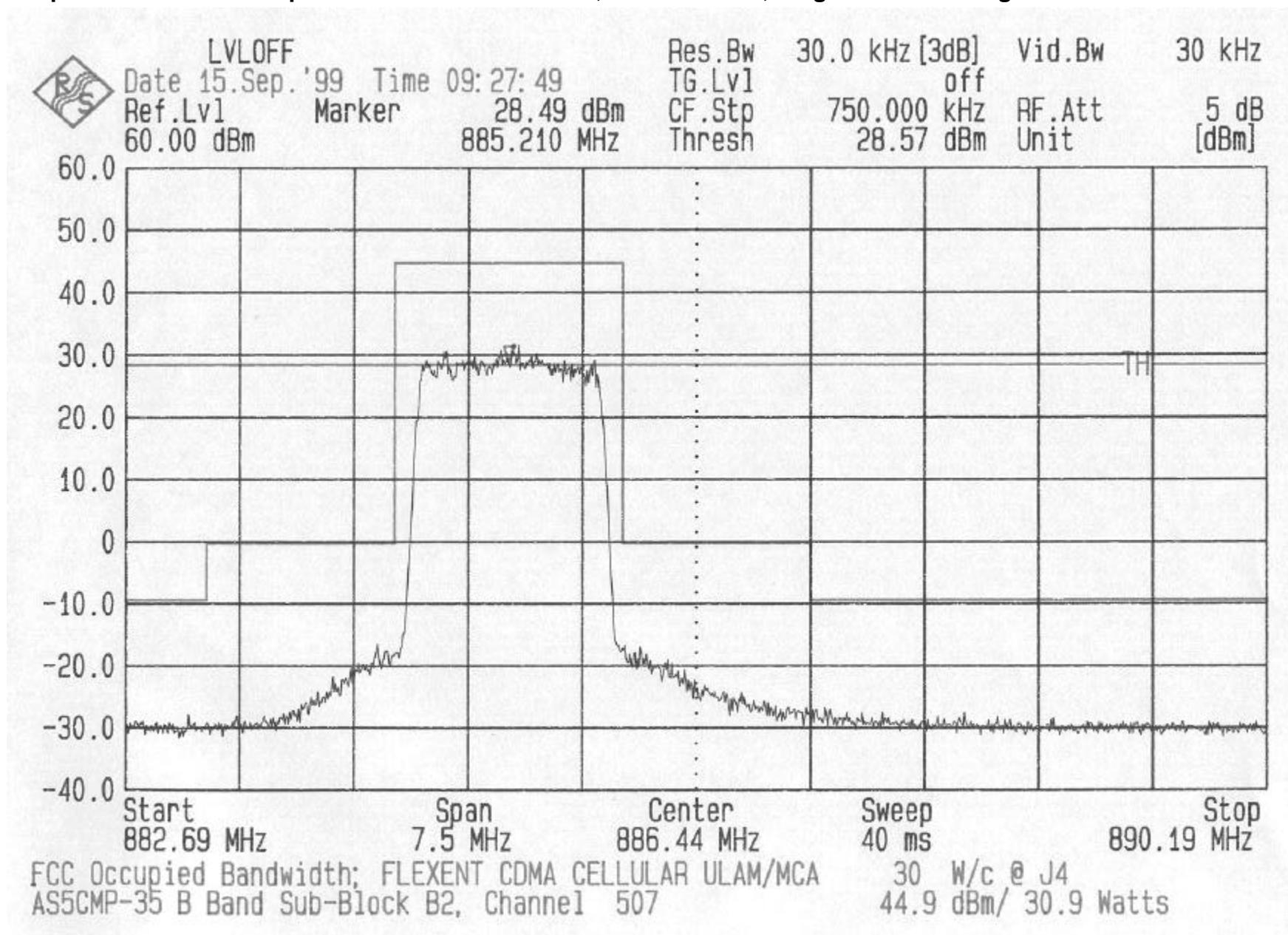
FCC Occupied Bandwidth: Input Chart – Cellular B Band, Sub-Block B2, Single Carrier Configuration ULA/MCA



Applicant: Lucent Technologies

FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Output Chart – Cellular B Band, Sub-Block B2, Single Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Input Chart – Cellular B Band, Sub-Block B2, Two Carrier Configuration ULAM/MCA



LVLOFF

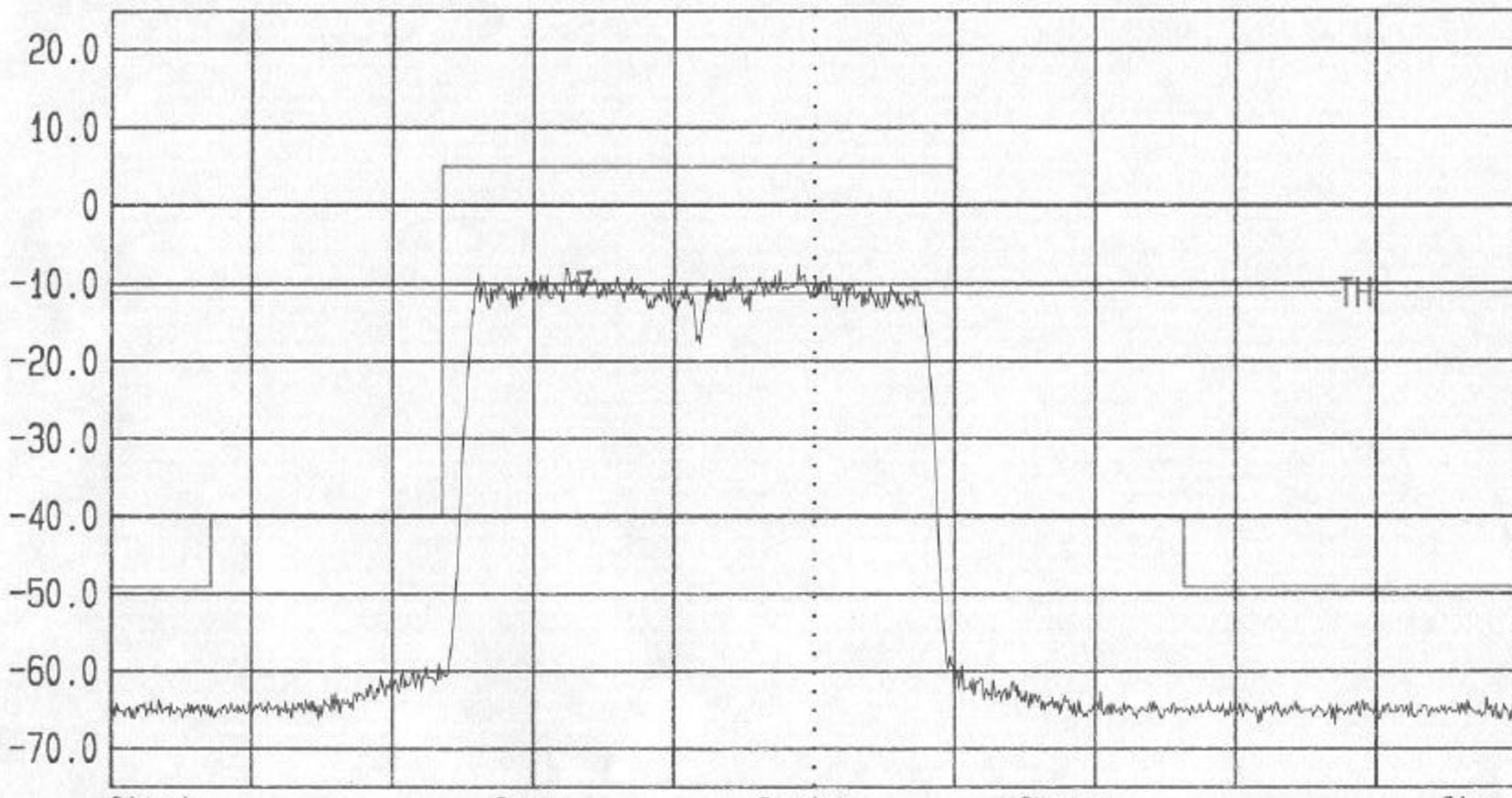
Date 15.Sep.'99 Time 10:28:20
Ref. Lvl Marker -11.59 dBm
25.00 dBm 885.210 MHz

Res. Bw
TG. Lvl
CF. Stp
Thresh

30.0 kHz [3dB]
off
750.000 kHz
-11.20 dBm

Vid. Bw
RF. Att
Unit

30 kHz
5 dB
[dBm]



Start
882.69 MHz

Span
7.5 MHz

Center
886.44 MHz

Sweep
40 ms

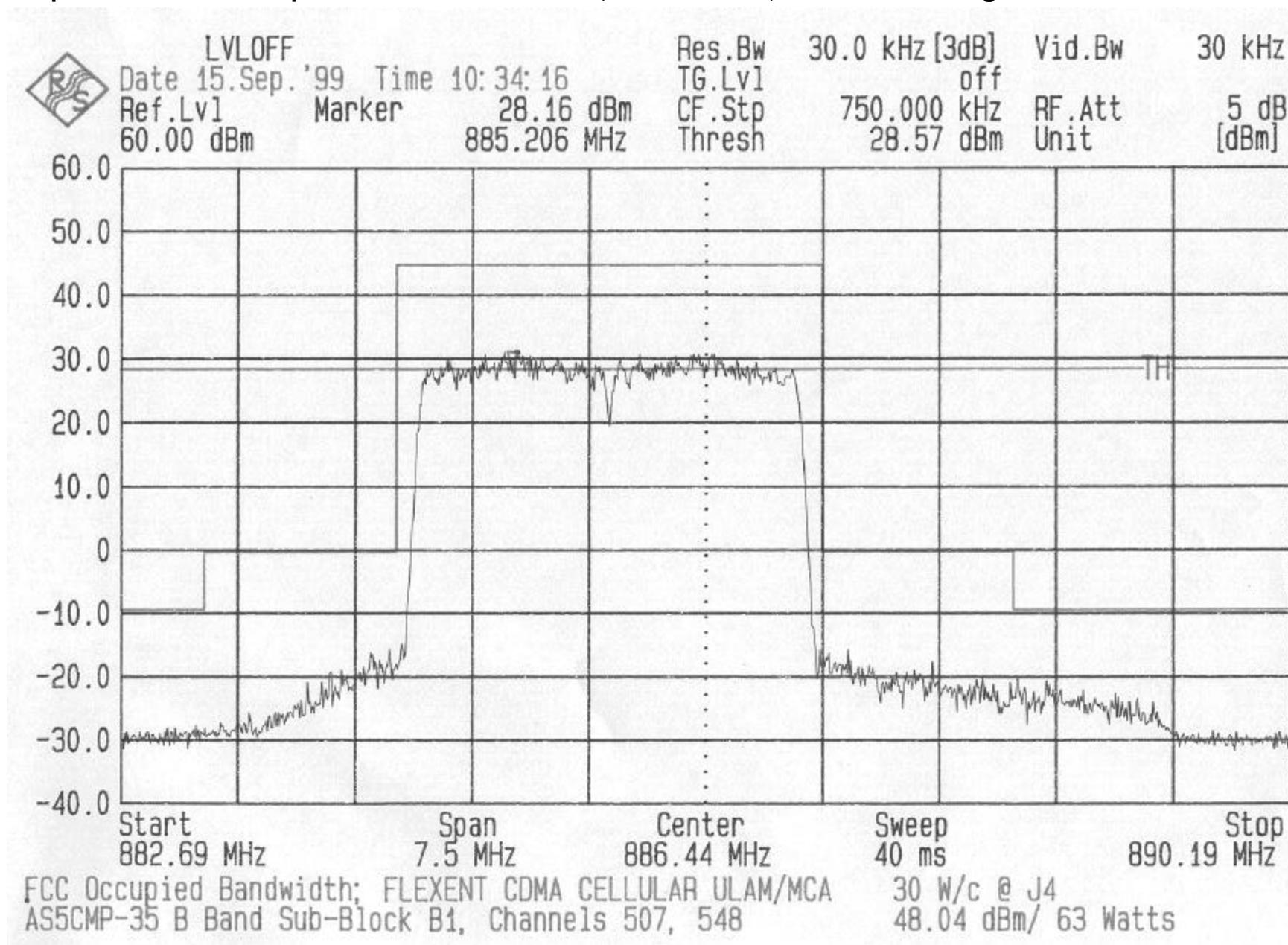
Stop
890.19 MHz

FCC Occupied Bandwidth: FLEXENT CDMA CELLULAR ULAM/MCA Input to 1 ULAM 30 W/c @ J4
AS5CMP-35 B Band Sub-Block B1, Channels 507, 548 4.56 dBm/ 2.8 mWatts

Applicant: Lucent Technologies

FCC ID: AS5CMP-35

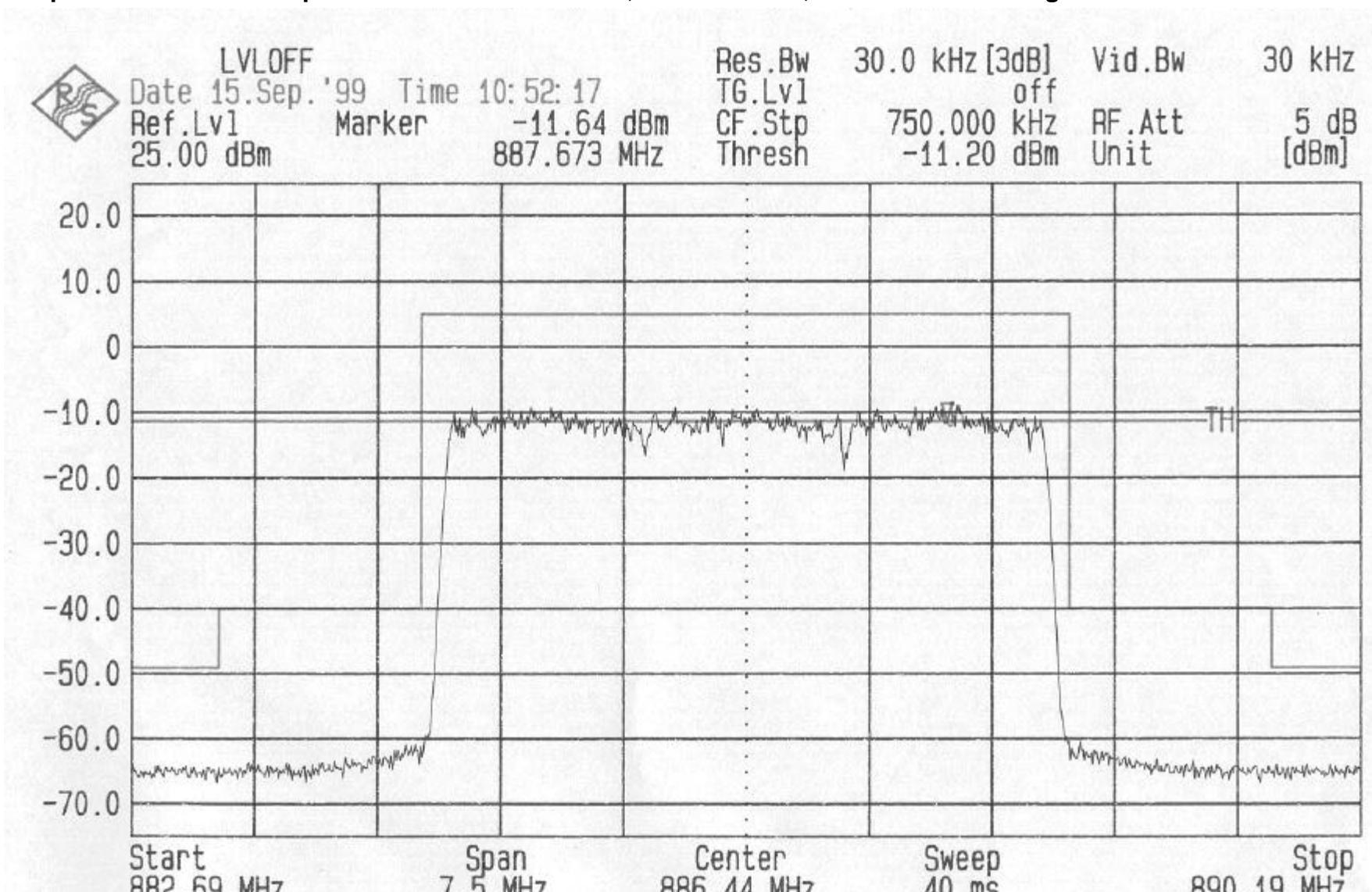
FCC Occupied Bandwidth: Output Chart – Cellular B Band, Sub-Block B2, Two Carrier Configuration ULAM/MCA



Applicant: Lucent Technologies

FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Input Chart – Cellular B Band, Sub-Block B2, Three Carrier Configuration ULAM/MCA



FCC Occupied Bandwidth: FLEXENT CDMA CELLULAR ULAM/MCA Input to 1 ULAM 30 W/c @ J4
AS5CMP-35 B Band Sub-Block B1, Channels 507, 548, 589 4.6 dBm/ 2.89 mWatts

Applicant: Lucent Technologies

FCC ID: AS5CMP-35

FCC Occupied Bandwidth: Output Chart – Cellular B Band, Sub-Block B2, Three Carrier Configuration ULAM/MCA

