

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

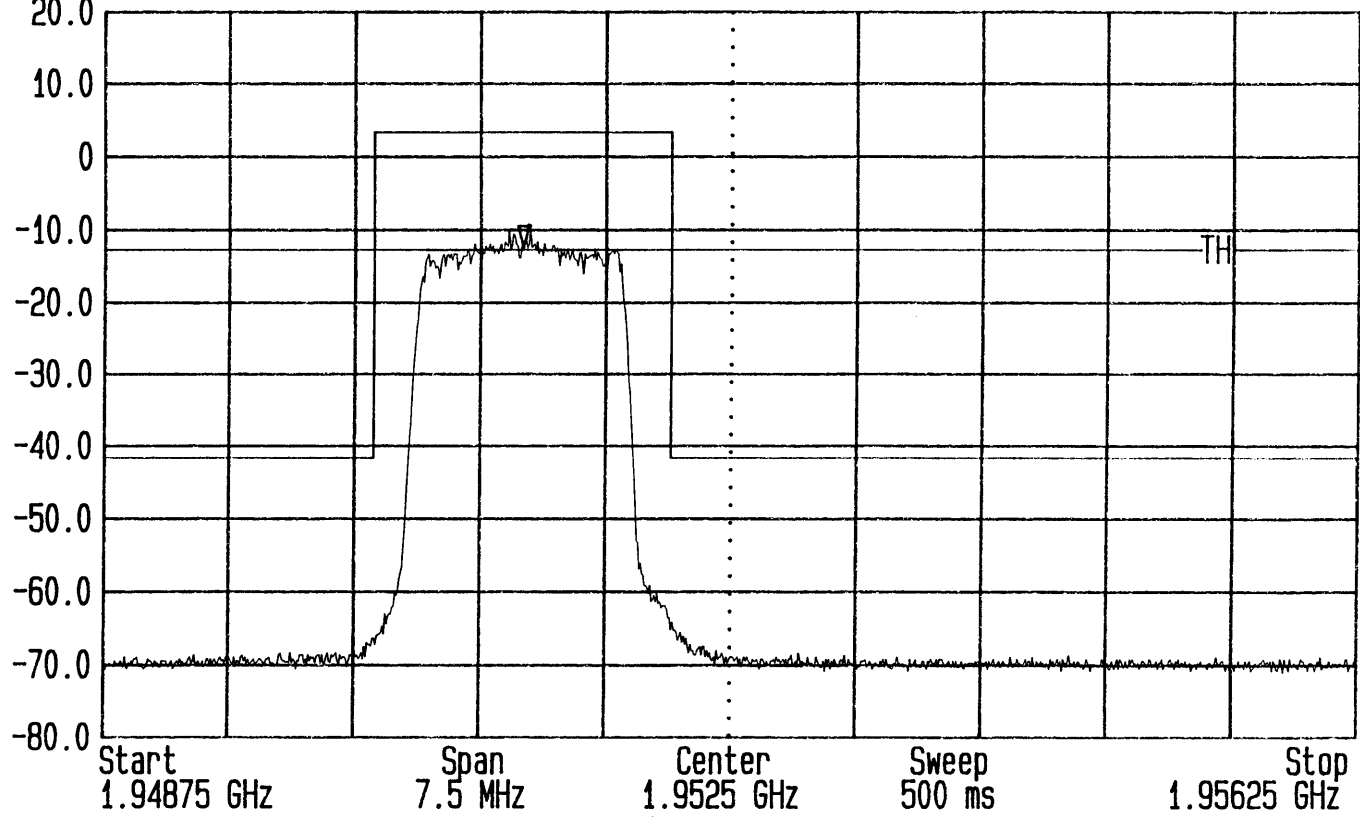
**PCS
Ultra Linear Amplifier Module /Multi Carrier Amplifier
(ULAM/ MCA)**

Block B Data

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


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

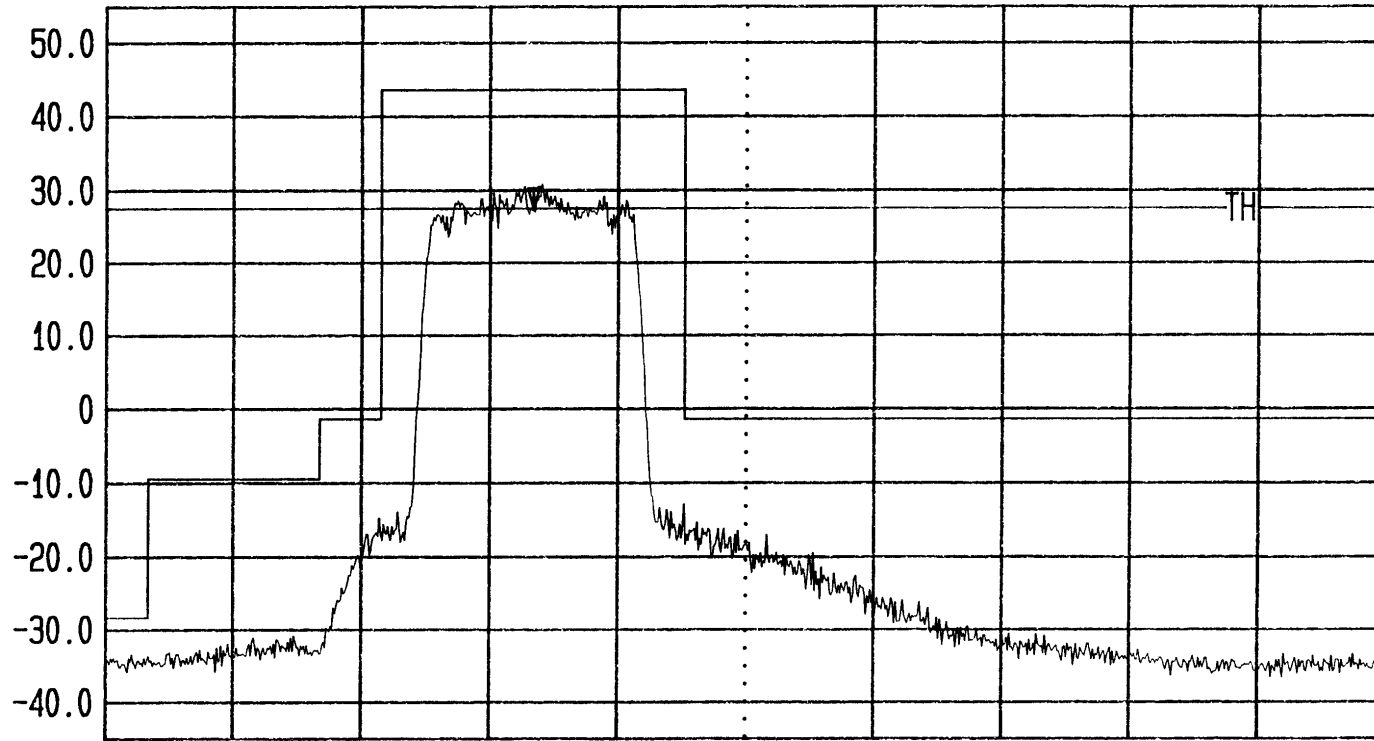
LVLOFF
Date 09.Sep.'99 Time 02:52:28 Res.Bw 30.0 kHz [3dB] Vid.Bw 30 kHz
Ref.Lvl 20.00 dBm Marker -12.22 dBm TG.Lvl off
CF.Stp 1.951250 GHz CF.Stp 750.000 kHz RF.Att 0 dB
Thresh -12.70 dBm Unit [dBm]



FCC Occupied Bandwidth; FLEXENT PCS ULAM/MCA 1c ULAM Input 24 W/c at J4
AS5CMP-36 B Block Sub-Block B1, Channels 425, 4.2 dBm/ 2.6 mW @ RF Input

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

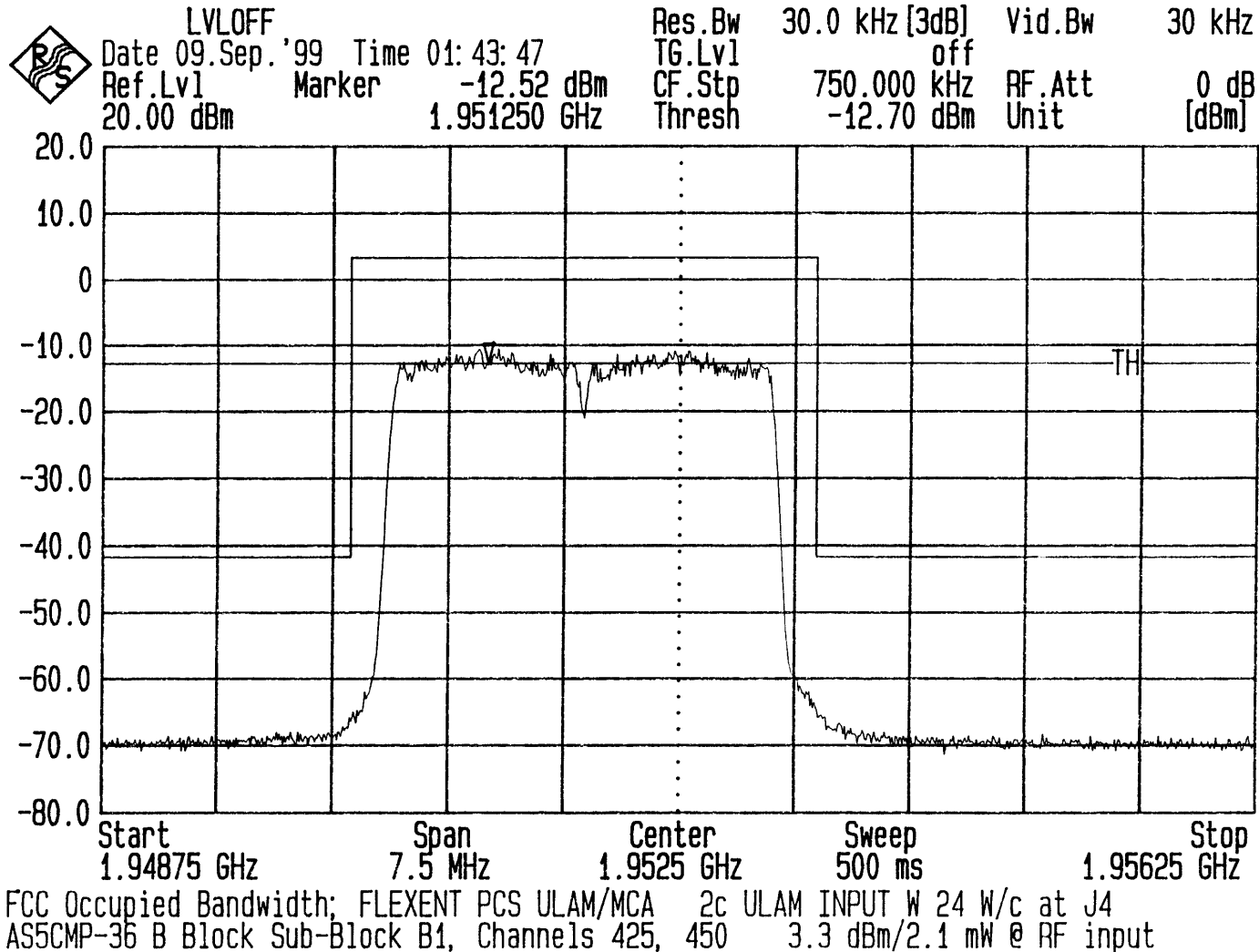

 LVLOFF
 Date 09.Sep.'99 Time 02:14:45
 Ref.Lvl 55.00 dBm
 Marker 1.951250 GHz
 Res.Bw 30.0 kHz [3dB]
 TG.Lvl off
 CF.Stp 750.000 kHz
 Thresh 27.60 dBm
 Vid.Bw 30 kHz
 RF.Att 0 dB
 Unit [dBm]




Start 1.94875 GHz Span 7.5 MHz Center 1.9525 GHz Sweep 500 ms Stop 1.95625 GHz

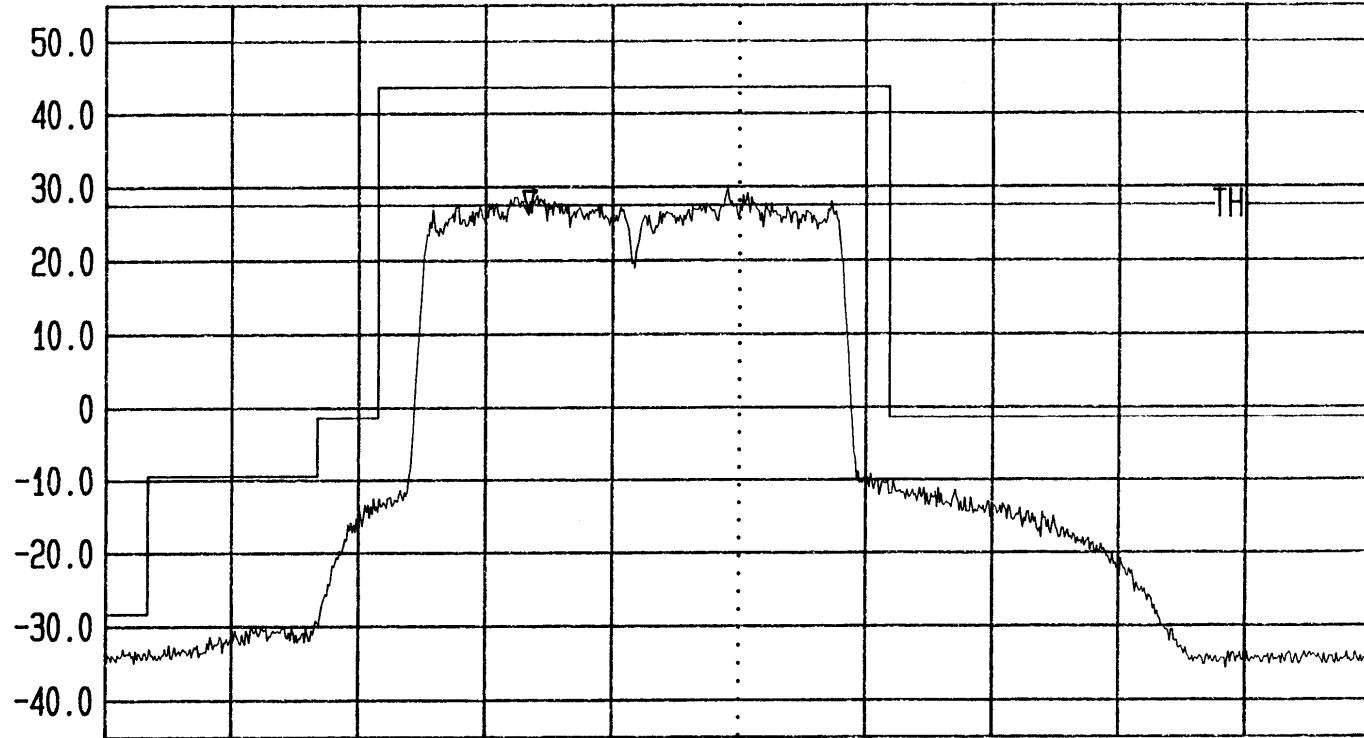
FCC Occupied Bandwidth; FLEXENT PCS ULAM/MCA 1c ULAM 24 W/c at J4
 AS5CMP-36 B Block Sub-Block B1, Channels 425, 43.85 dBm/ 24.2 W @ J4

FCC Occupied Bandwidth: Input Chart - PCS B Block, Sub-Block B1, Dual Carrier Configuration ULAM/MCA




FCC Occupied Bandwidth: Output Chart - PCS B Block, Sub-Block B1, Dual Carrier Configuration ULAM/MCA

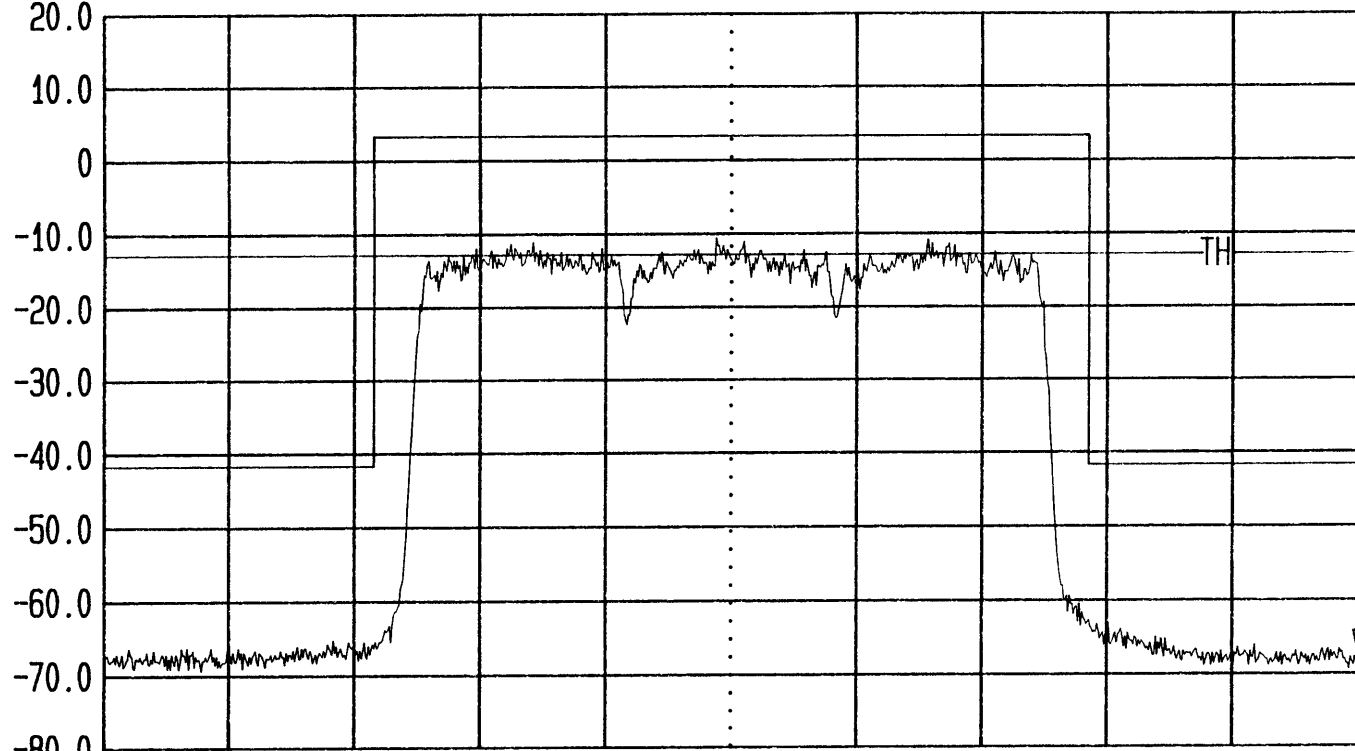
 LVLOFF
Date 09.Sep.'99 Time 01:04:33 Res.Bw 30.0 kHz [3dB] Vid.Bw 30 kHz
Ref.Lvl 55.00 dBm Marker 26.41 dBm TG.Lvl off
CF.Stp 750.000 kHz RF.Att 0 dB
1.951250 GHz Thresh 27.60 dBm Unit [dBm]



Start 1.94875 GHz Span 7.5 MHz Center 1.9525 GHz Sweep 500 ms Stop 1.95625 GHz
FCC Occupied Bandwidth; FLEXENT PCS ULAM/MCA 2c ULAM 24 W/c at J4
AS5CMP-36 B Block Sub-Block B1, Channels 425, 450 46.8 dBm/48.4 W @ J4

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


	LVLOFF	Res.Bw	30.0 kHz [3dB]	Vid.Bw	30 kHz
	Date 08.Sep.'99	Time 00:46:03	TG.Lvl	off	
	Ref.Lvl	Marker	-66.99 dBm	CF.Stp	750.000 kHz
	20.00 dBm	1.956250 GHz	Thresh	-12.70 dBm	RF.Att
			Unit	[dBm]	

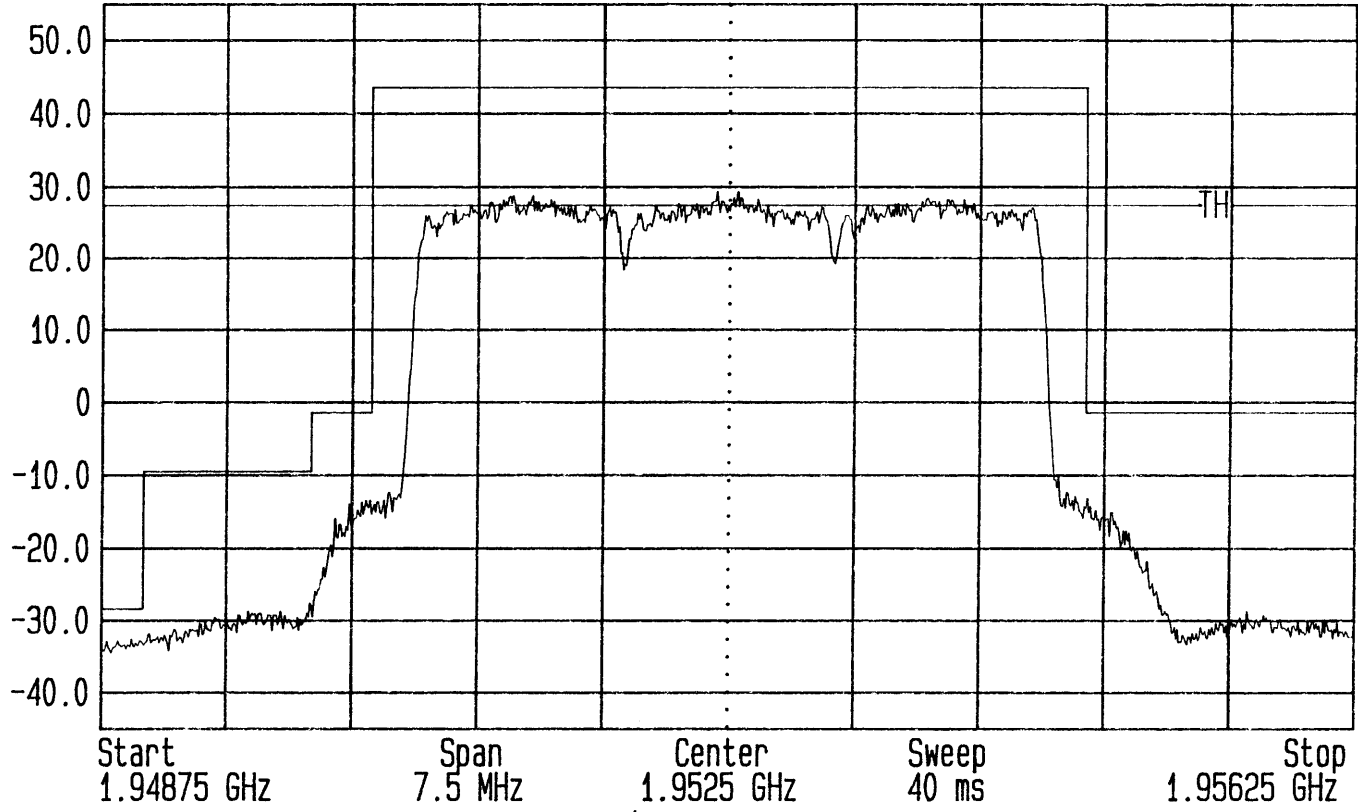


Start	Span	Center	Sweep	Stop
1.94875 GHz	7.5 MHz	1.9525 GHz	280 ms	1.95625 GHz

FCC Occupied Bandwidth; FLEXENT PCS ULAM/MCA INPUT @ 1 ULAM 24 W/c at J4
AS5CMP-36 B Block Sub-Block B1, Channels 425, 450, 475 2.9 dBm/ 1.9 mW @ RF in

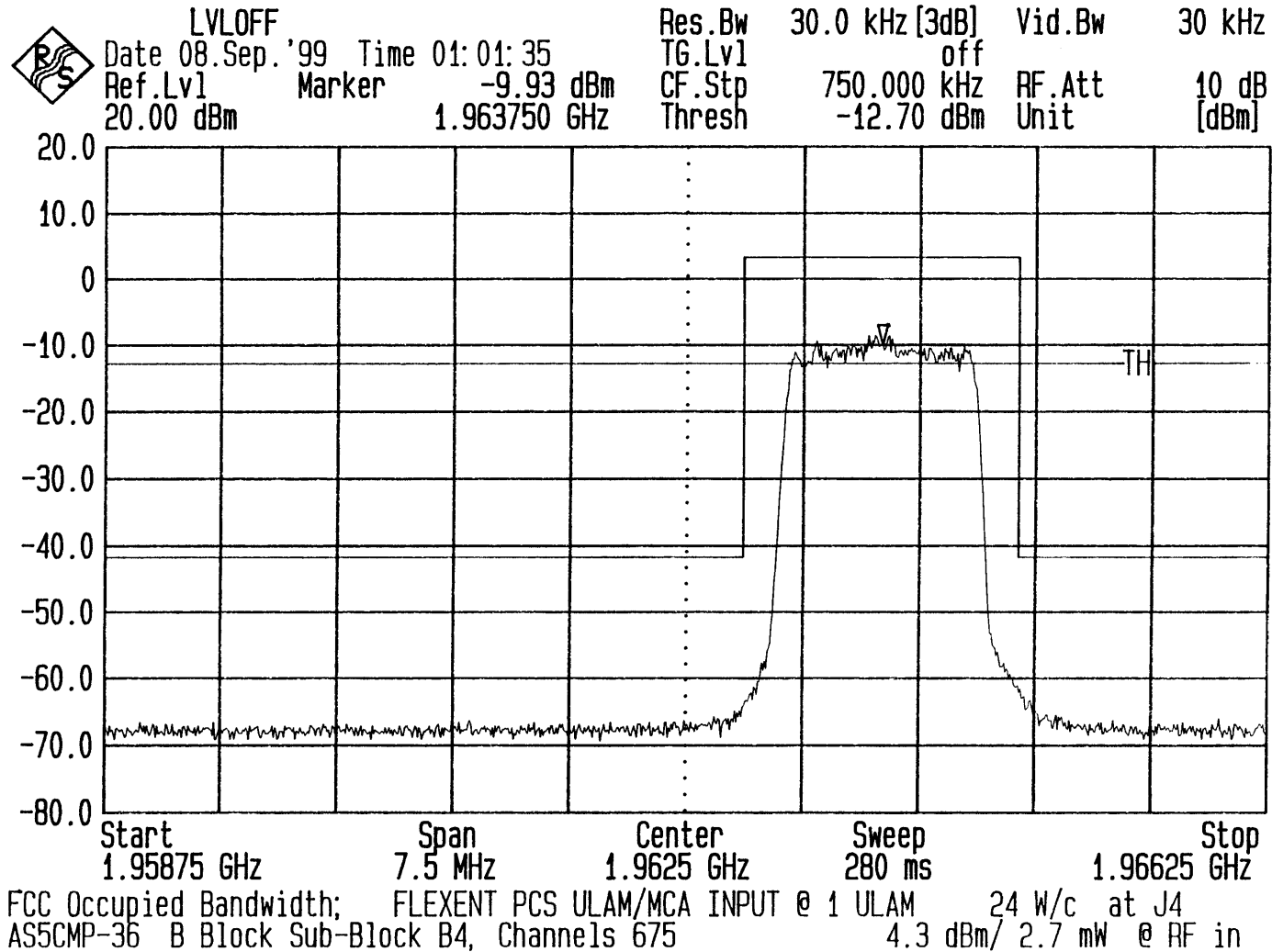
FCC Occupied Bandwidth: Output Chart - PCS B Block, Sub-Block B1, Three Carrier Configuration ULAM/MCA


 LVLOFF
 Date 01.Sep.'99 Time 02:48:18
 Ref.Lvl 55.00 dBm
 Res.Bw 30.0 kHz [3dB] Vid.Bw 30 kHz
 TG.Lvl off
 CF.Stp 1.000 GHz RF.Att 0 dB
 Thresh 27.60 dBm Unit [dBm]




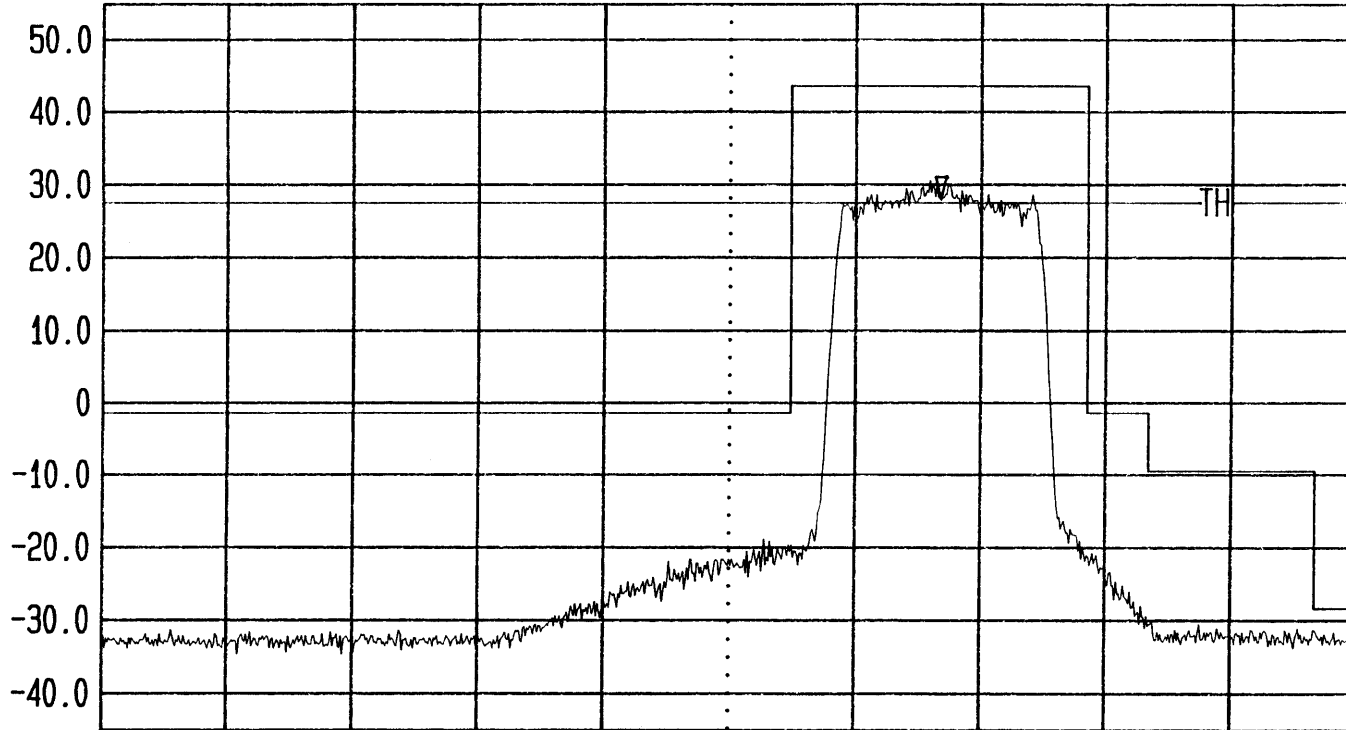
FCC Occupied Bandwidth FLEXENT PCS ULAM/MCA 24W per Carrier at J4
 AS5CMP-36 B Block Channels 425, 450, 475 48.6 dBm/ 72 Watts total

FCC Occupied Bandwidth: Input Chart - PCS B Block, Sub-Block B4, Single Carrier Configuration ULAM/MCA



FCC Occupied Bandwidth: Output Chart - PCS B Block, Sub-Block B4, Single Carrier Configuration ULAM/MCA

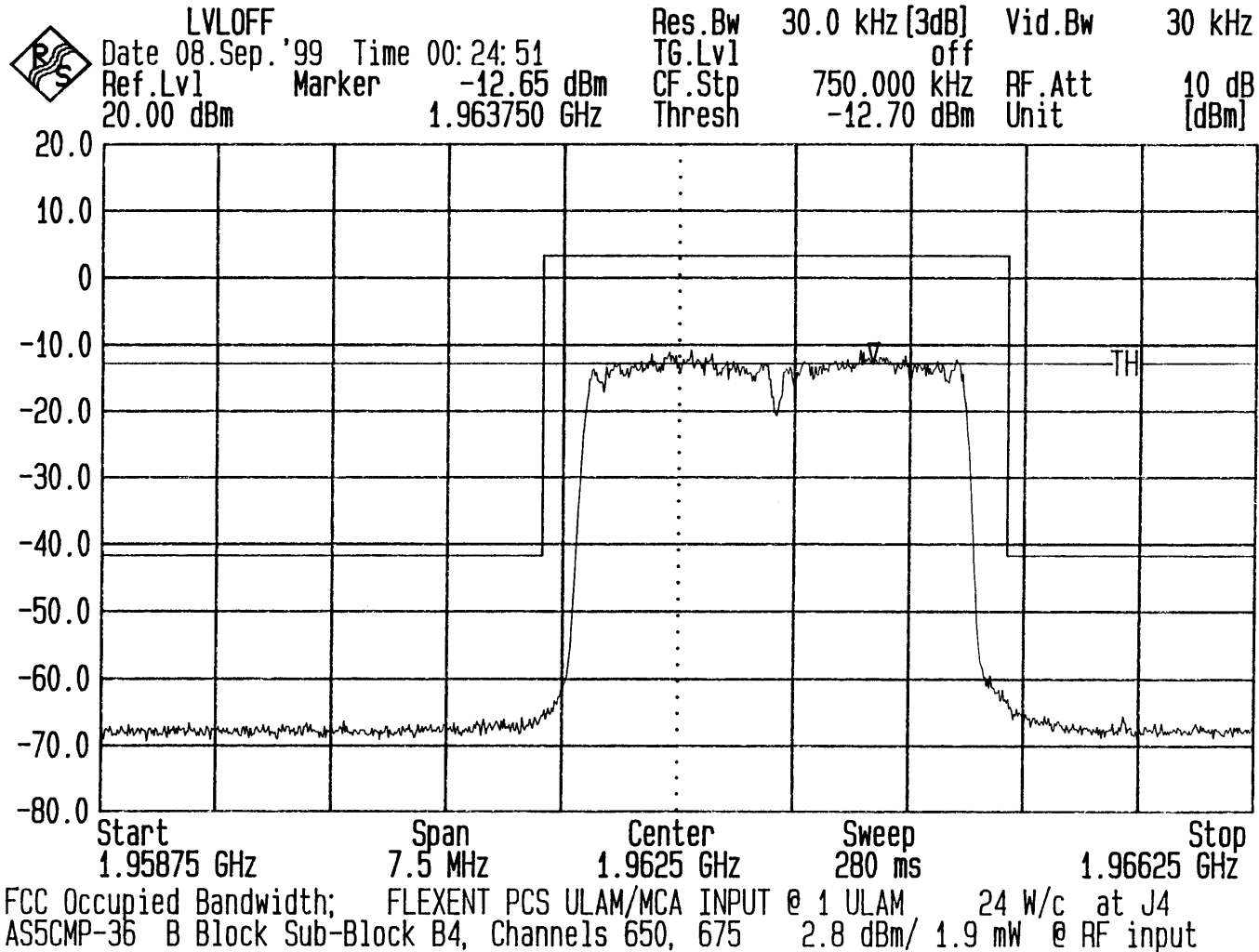

 LVLOFF Res.Bw 30.0 kHz [3dB] Vid.Bw 30 kHz
 Date 08.Sep.'99 Time 01:16:44 TG.Lvl off
 Ref.Lvl Marker 28.21 dBm CF.Stp 750.000 kHz RF.Att 10 dB
 55.00 dBm 1.963750 GHz Thresh 27.60 dBm Unit [dBm]



Start Span Center Sweep Stop
 1.95875 GHz 7.5 MHz 1.9625 GHz 280 ms 1.96625 GHz

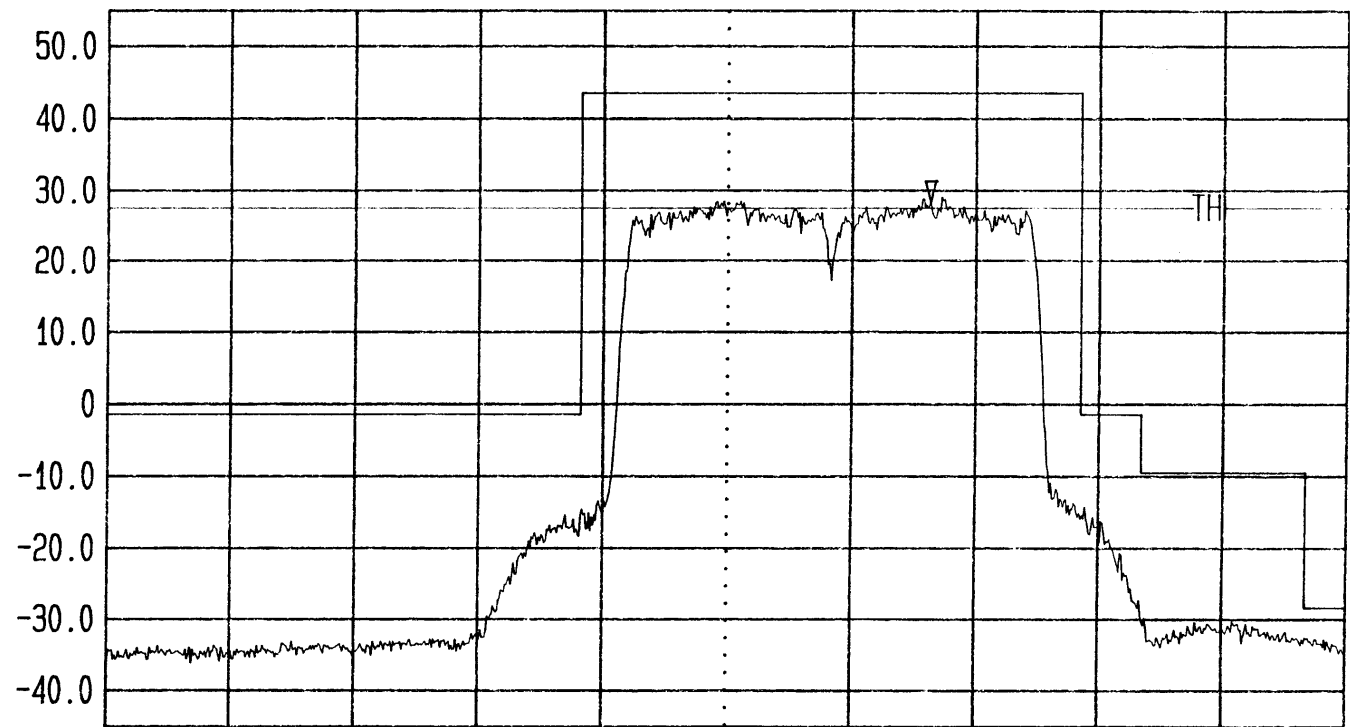
FCC Occupied Bandwidth; FLEXENT PCS ULAM/MCA 1 ULAM 24 W at J4
 AS5CMP-36 B Block Sub-Block B4, Channel 675 43.8 dBm/ 24 Watts

FCC Occupied Bandwidth: Input Chart - PCS B Block, Sub-Block B4, Dual Carrier Configuration ULAM/MCA



FCC Occupied Bandwidth: Output Chart - PCS B Block, Sub-Block B4, Dual Carrier Configuration ULAM/MCA

LVLOFF
Date 01.Sep.'99 Time 03:21:50
Ref.Lvl 55.00 dBm Marker 28.44 dBm
Res.Bw 30.0 kHz [3dB] TG.Lvl off
CF.Stp 1.000 GHz RF.Att 0 dB
Thresh 27.60 dBm Unit [dBm]



Start 1.95875 GHz Span 7.5 MHz Center 1.9625 GHz Sweep 40 ms Stop 1.96625 GHz
FCC Occupied Bandwidth FLEXENT PCS ULAM/MCA 24W per Carrier at J4
AS5CMP-36 B Block, B4 Sub-Block Channels 650, 675 46.9 dBm/ 49.3 Watts tota