

MEASUREMENT OF OCCUPIED BANDWIDTH

CONTINUES AFTER MEASUREMENT 3A DATA

SECTION 2.1049 – Measurement 3B

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

SINGLE CARRIER WITHOUT COMBINER

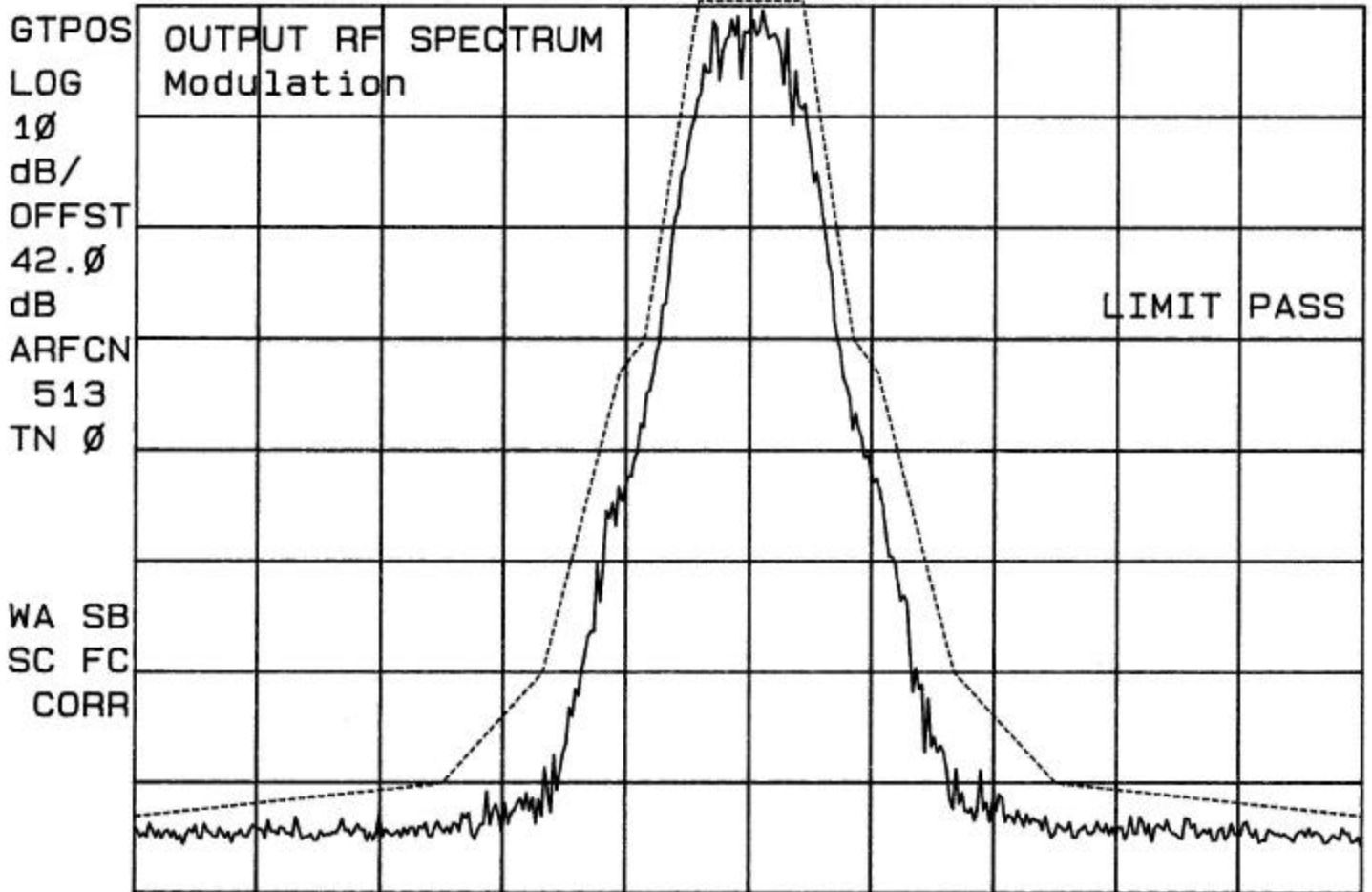
BLOCK A

(1930 – 1945 MHz)

Left Edge:	1930.4 MHz (Channel 513)
Center:	1937.6 MHz (Channel 549)
Right Edge:	1944.6 MHz (Channel 584)

05 MAY 2000

~~hp~~ Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 43.6 dBm #AT 20 dB



CENTER 1.930400 GHz SPAN 2.400 MHz
#RES BW 30 kHz #VBW 30 kHz #SWP 2.00 sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 44.3 dBm #AT 20 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		-----					
42.0		0	KHz	0.0	36.4	0.0	36.4
dB		100	KHz	-8.3	28.0	-9.3	27.1
ARFCN		200	KHz	-36.9	-0.6	-34.3	2.0
513		250	KHz	-39.7	-3.4	-43.4	-7.0
TN 0		400	KHz	-69.2	-32.9	-70.3	-33.9
BURST		600	KHz	-75.4	-39.1	-72.4	-36.0
1		800	KHz	-74.4	-38.1	-75.9	-39.5
SA SB		1000	KHz	-79.4	-43.0	-77.0	-40.6
SC EC		1200	KHz	-78.3	-41.9	-82.2	-45.9
CORR		1400	KHz	-73.4	-37.1	-77.2	-40.9
		1600	KHz	-76.4	-40.1	-80.0	-43.7
		1800	KHz	-73.3	-37.0	-70.7	-34.3

CENTER 1.9304000 GHz

#RES BW 30 KHz

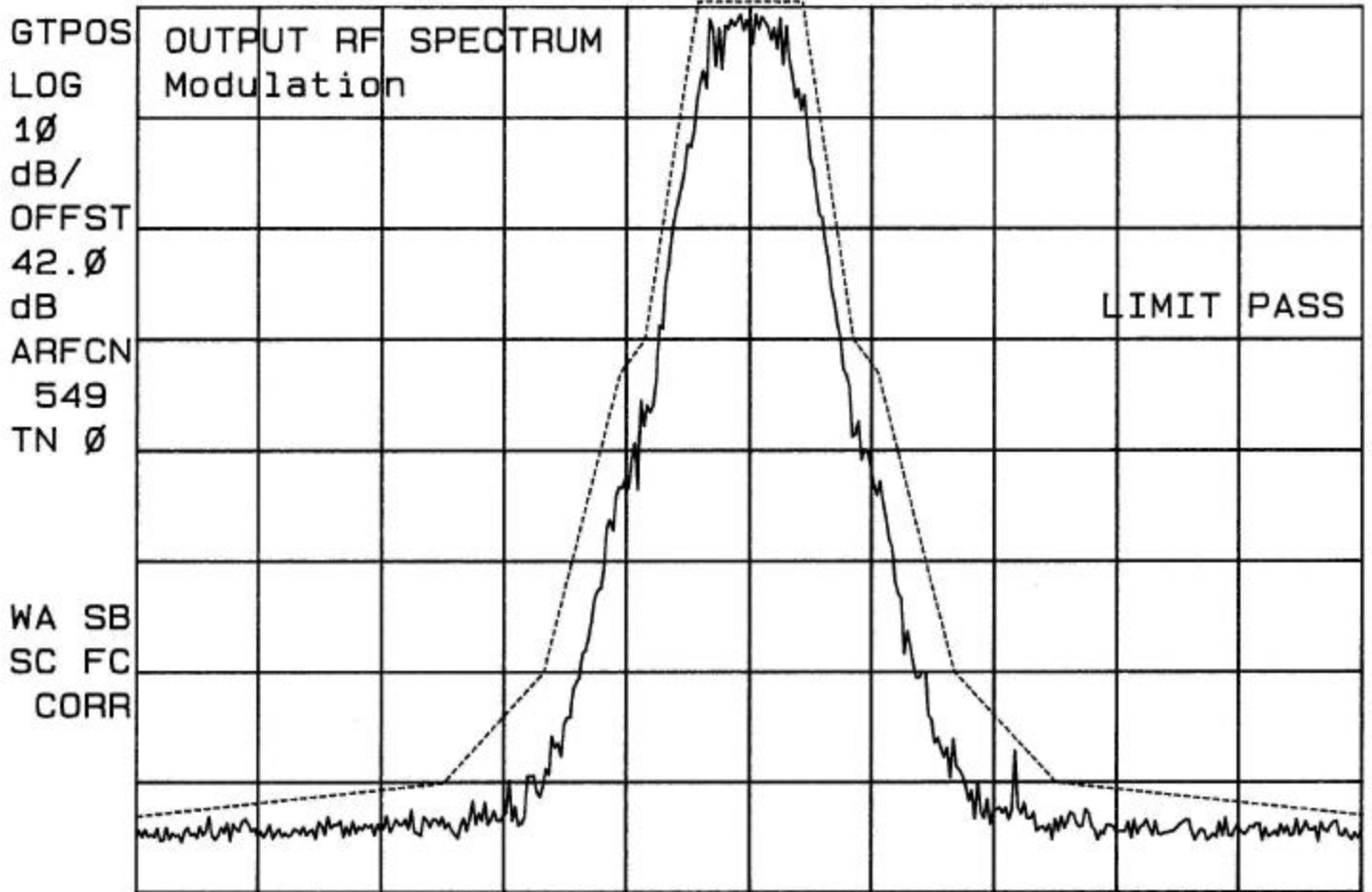
#VBW 30 KHz

SPAN 0 Hz

#SWP 320 µsec

05 MAY 2000

~~hp~~ Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 43.5 dBm #AT 20 dB



CENTER 1.937600 GHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 43.8 dBm #AT 20 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	36.3	0.0	36.3
42.0		100	KHz	-7.0	29.3	-6.7	29.6
dB		200	KHz	-37.2	-0.9	-35.1	1.2
ARFCN		250	KHz	-40.5	-4.2	-39.6	-3.3
549		400	KHz	-70.5	-34.3	-69.5	-33.2
TN 0		600	KHz	-78.7	-42.4	-76.4	-40.1
BURST		800	KHz	-74.2	-37.9	-76.9	-40.6
1		1000	KHz	-78.5	-42.2	-75.9	-39.6
SA SB		1200	KHz	-75.6	-39.4	-78.5	-42.2
SC EC		1400	KHz	-77.7	-41.4	-79.5	-43.2
CORR		1600	KHz	-78.1	-41.8	-79.1	-42.9
		1800	KHz	-73.1	-36.8	-72.5	-36.2

CENTER 1.9376000 GHz

#RES BW 30 kHz

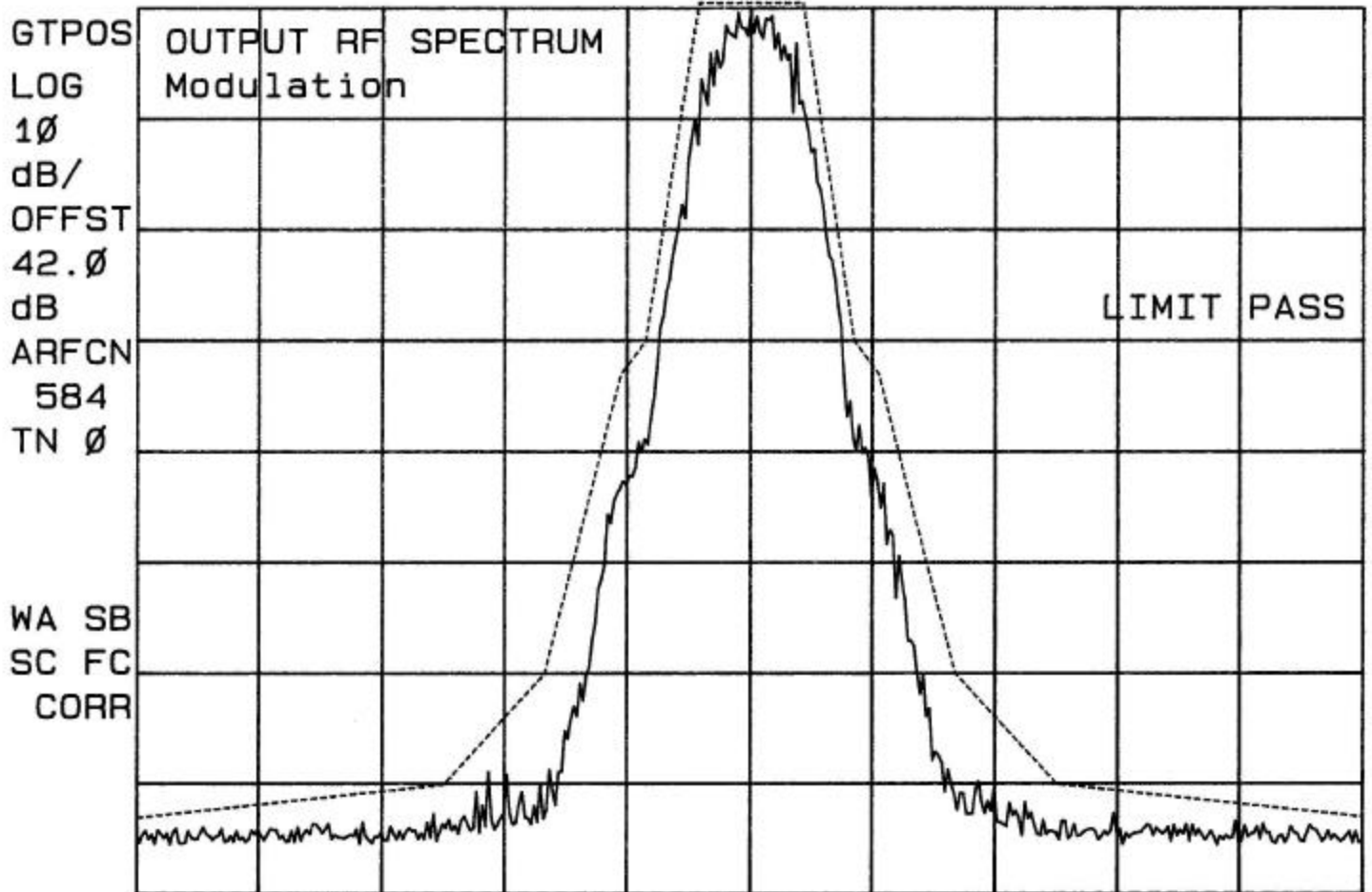
#VBW 30 kHz

SPAN 0 Hz

#SWP 320 μsec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-01
REF 43.7 dBm #AT 20 dB



CENTER 1.944600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-01
REF 43.8 dBm #AT 20 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
584
TN 0
BURST
1
SA SB
SC EC
CORR

OUTPUT RF SPECTRUM					
Modulation					
		- Offset		+ Offset	
Offset	Freq	dB	dBm	dB	dBm
0	KHz	0.0	36.8	0.0	36.8
100	KHz	-11.9	24.9	-6.5	30.3
200	KHz	-37.6	-0.8	-35.7	1.1
250	KHz	-41.7	-4.9	-41.9	-5.1
400	KHz	-70.6	-33.8	-69.8	-33.0
600	KHz	-75.8	-38.9	-78.8	-42.0
800	KHz	-79.4	-42.5	-75.4	-38.5
1000	KHz	-78.0	-41.2	-75.6	-38.8
1200	KHz	-78.4	-41.5	-77.9	-41.0
1400	KHz	-78.4	-41.6	-77.5	-40.6
1600	KHz	-78.3	-41.5	-78.1	-41.3
1800	KHz	-72.5	-35.7	-71.9	-35.0

CENTER 1.9446000 GHz SPAN 0 Hz
#RES BW 30 KHz #VBW 30 KHz #SWP 320 μsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

SINGLE CARRIER WITHOUT COMBINER

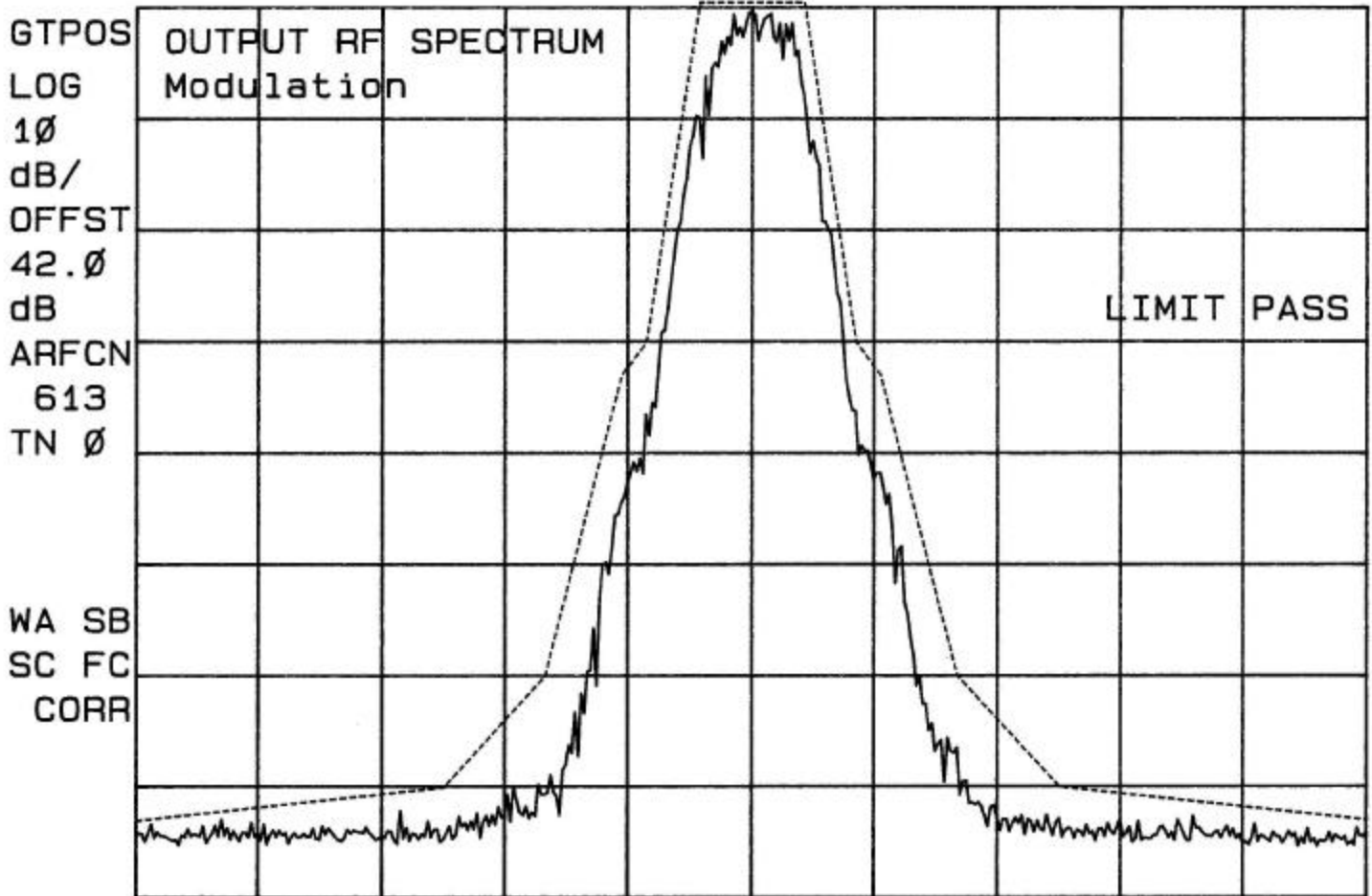
BLOCK B

(1950 – 1965 MHz)

Left Edge:	1950.4 MHz (Channel 613)
Center:	1957.6 MHz (Channel 649)
Right Edge:	1964.6 MHz (Channel 684)

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 43.5 dBm #AT 20 dB



CENTER 1.950400 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 43.3 dBm #AT 20 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	37.0	0.0	37.0
42.0		100	KHz	-7.6	29.5	-6.5	30.6
dB		200	KHz	-37.2	-0.2	-33.5	3.5
ARFCN		250	KHz	-47.3	-10.2	-42.3	-5.2
613		400	KHz	-70.1	-33.1	-69.4	-32.4
TN 0		600	KHz	-74.7	-37.7	-78.2	-41.1
BURST		800	KHz	-77.5	-40.4	-76.8	-39.8
1		1000	KHz	-77.9	-40.8	-77.7	-40.6
SA SB		1200	KHz	-77.8	-40.8	-78.4	-41.3
SC EC		1400	KHz	-77.7	-40.7	-77.8	-40.7
CORR		1600	KHz	-80.0	-43.0	-76.6	-39.6
		1800	KHz	-73.2	-36.1	-71.6	-34.6

CENTER 1.9504000 GHz

SPAN 0 Hz

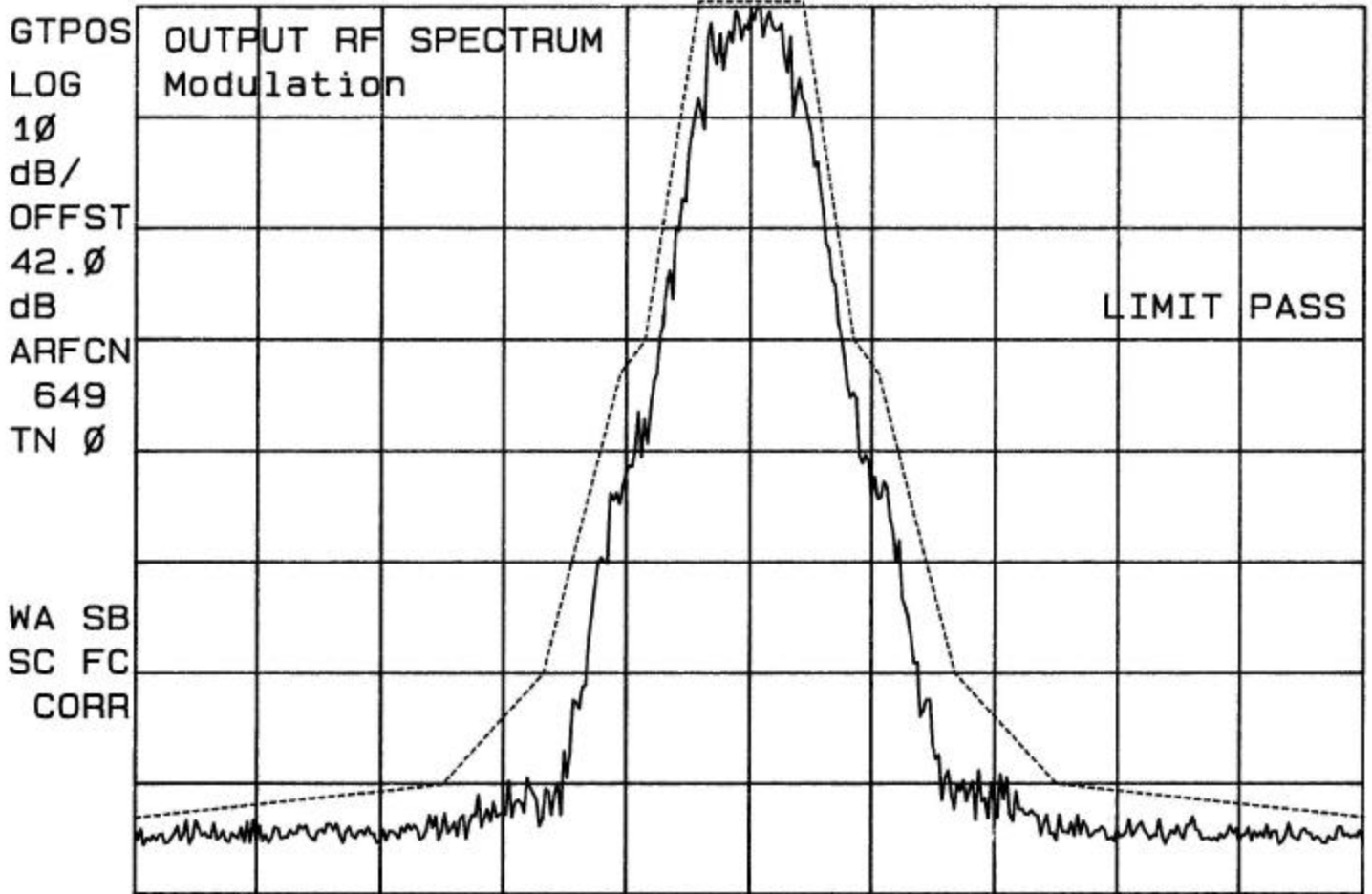
#RES BW 30 kHz

#VBW 30 kHz

#SWP 320 μsec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-01
REF 43.6 dBm #AT 20 dB



CENTER 1.957600 GHz SPAN 2.400 MHz
#RES BW 30 kHz #VBW 30 kHz #SWP 2.00 sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-01
REF 43.1 dBm #AT 20 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset		+ Offset			
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	37.2	0.0	37.2
42.0		100	KHz	-11.8	25.3	-7.8	29.3
dB		200	KHz	-35.1	2.1	-34.5	2.7
ARFCN		250	KHz	-40.7	-3.5	-43.8	-6.7
649		400	KHz	-73.1	-35.9	-68.7	-31.6
TN 0		600	KHz	-77.6	-40.5	-78.2	-41.0
BURST		800	KHz	-75.5	-38.4	-77.6	-40.4
1		1000	KHz	-76.6	-39.4	-77.1	-40.0
SA SB		1200	KHz	-80.4	-43.3	-76.5	-39.4
SC EC		1400	KHz	-79.5	-42.4	-80.2	-43.0
CORR		1600	KHz	-78.3	-41.1	-77.5	-40.4
		1800	KHz	-73.6	-36.4	-71.5	-34.4

CENTER 1.9576000 GHz

#RES BW 30 KHz

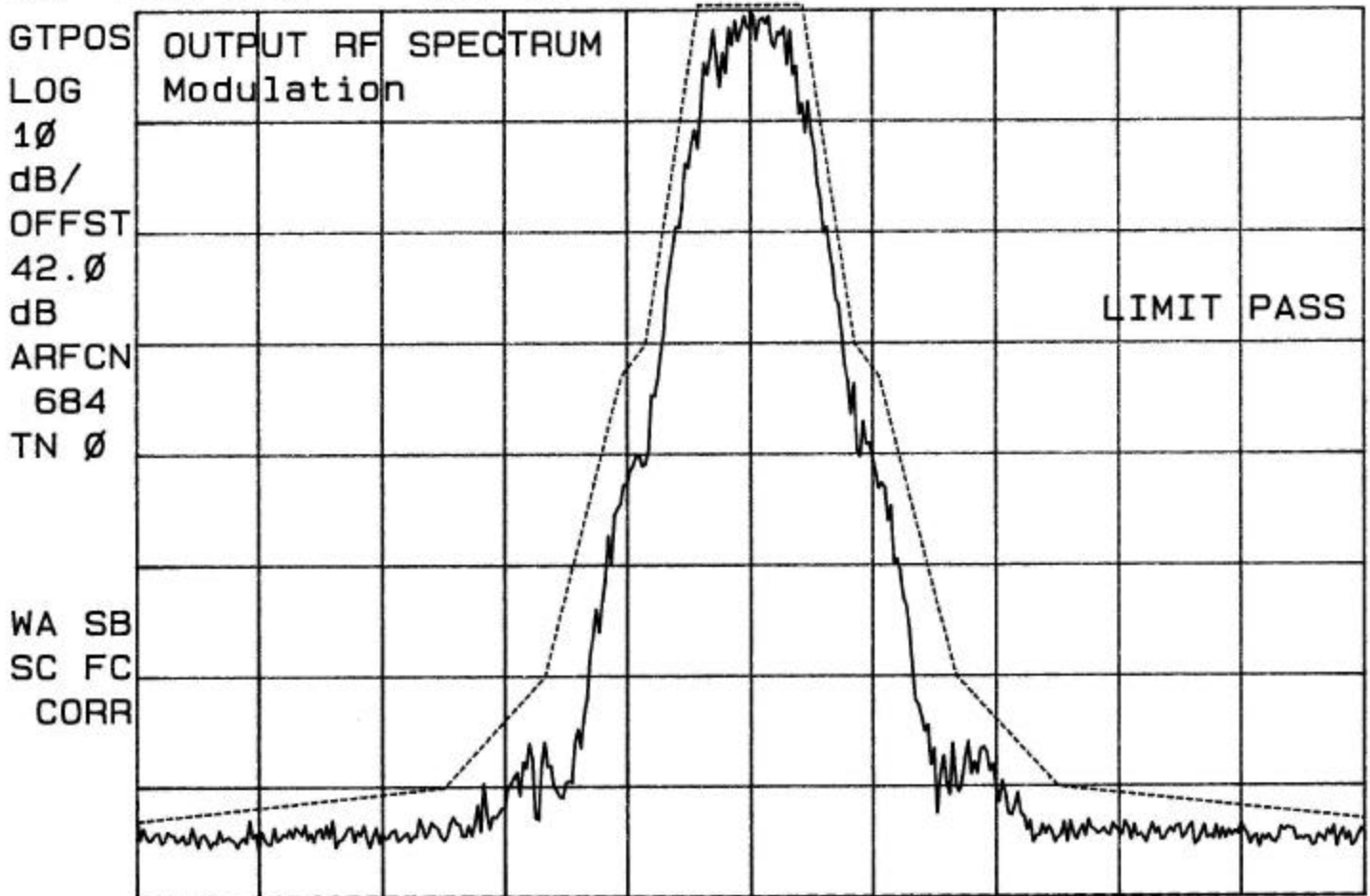
#VBW 30 KHz

SPAN 0 Hz

#SWP 320 µsec

05 MAY 2000

~~h~~ Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-01
REF 43.6 dBm #AT 20 dB



CENTER 1.964600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-01
REF 43.8 dBm #AT 20 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/	Offset	Freq	dB	dBm	dB	dBm	
OFFST	0	KHz	0.0	36.9	0.0	36.9	
42.0	100	KHz	-12.4	24.5	-9.6	27.3	
dB	200	KHz	-35.0	1.9	-35.2	1.7	
ARFCN	250	KHz	-39.7	-2.8	-40.5	-3.6	
684	400	KHz	-70.5	-33.6	-67.9	-31.0	
TN 0	600	KHz	-77.6	-40.8	-76.3	-39.4	
BURST	800	KHz	-78.6	-41.7	-78.7	-41.8	
1	1000	KHz	-76.4	-39.5	-76.9	-40.0	
SA SB	1200	KHz	-78.8	-42.0	-80.3	-43.4	
SC EC	1400	KHz	-77.4	-40.5	-77.9	-41.0	
CORR	1600	KHz	-76.5	-39.6	-79.7	-42.8	
	1800	KHz	-72.8	-36.0	-72.2	-35.3	

CENTER 1.9646000 GHz

SPAN 0 Hz

#RES BW 30 kHz

#VBW 30 kHz

#SWP 320 μsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

SINGLE CARRIER WITHOUT COMBINER

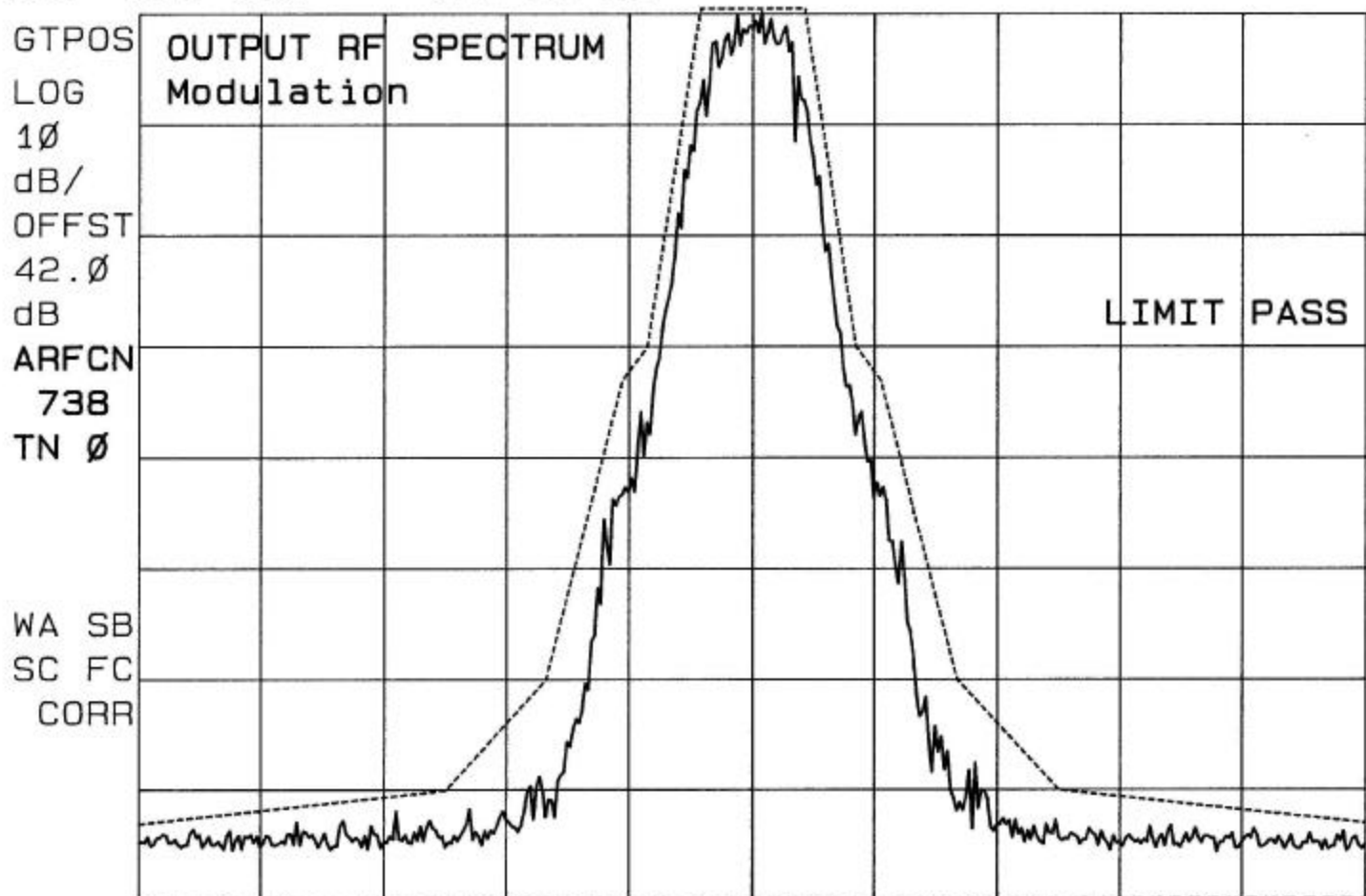
BLOCK C

(1975 – 1990 MHz)

Left Edge:	1975.4 MHz (Channel 738)
Center:	1984.6 MHz (Channel 784)
Right Edge:	1989.6 MHz (Channel 809)

05 MAY 2000

~~hp~~ Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 43.7 dBm #AT 20 dB



CENTER 1.975400 GHz

#RES BW 30 KHz

#VBW 30 KHz

SPAN 2.400 MHz

#SWP 2.00 sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 43.9 dBm #AT 20 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
738
TN 0
BURST
1
SA SB
SC EC
CORR

OUTPUT RF SPECTRUM					
Modulation					
		- Offset		+ Offset	
Offset	Freq	dB	dBm	dB	dBm
0	KHz	0.0	36.4	0.0	36.4
100	KHz	-4.5	31.9	-10.9	25.5
200	KHz	-35.5	0.9	-35.6	0.9
250	KHz	-40.5	-4.1	-39.1	-2.7
400	KHz	-70.2	-33.8	-69.6	-33.2
600	KHz	-77.3	-40.9	-78.2	-41.7
800	KHz	-76.1	-39.7	-75.2	-38.7
1000	KHz	-75.3	-38.9	-79.3	-42.9
1200	KHz	-78.5	-42.0	-76.6	-40.2
1400	KHz	-77.7	-41.2	-79.4	-43.0
1600	KHz	-75.7	-39.2	-74.6	-38.2
1800	KHz	-72.6	-36.2	-72.5	-36.1

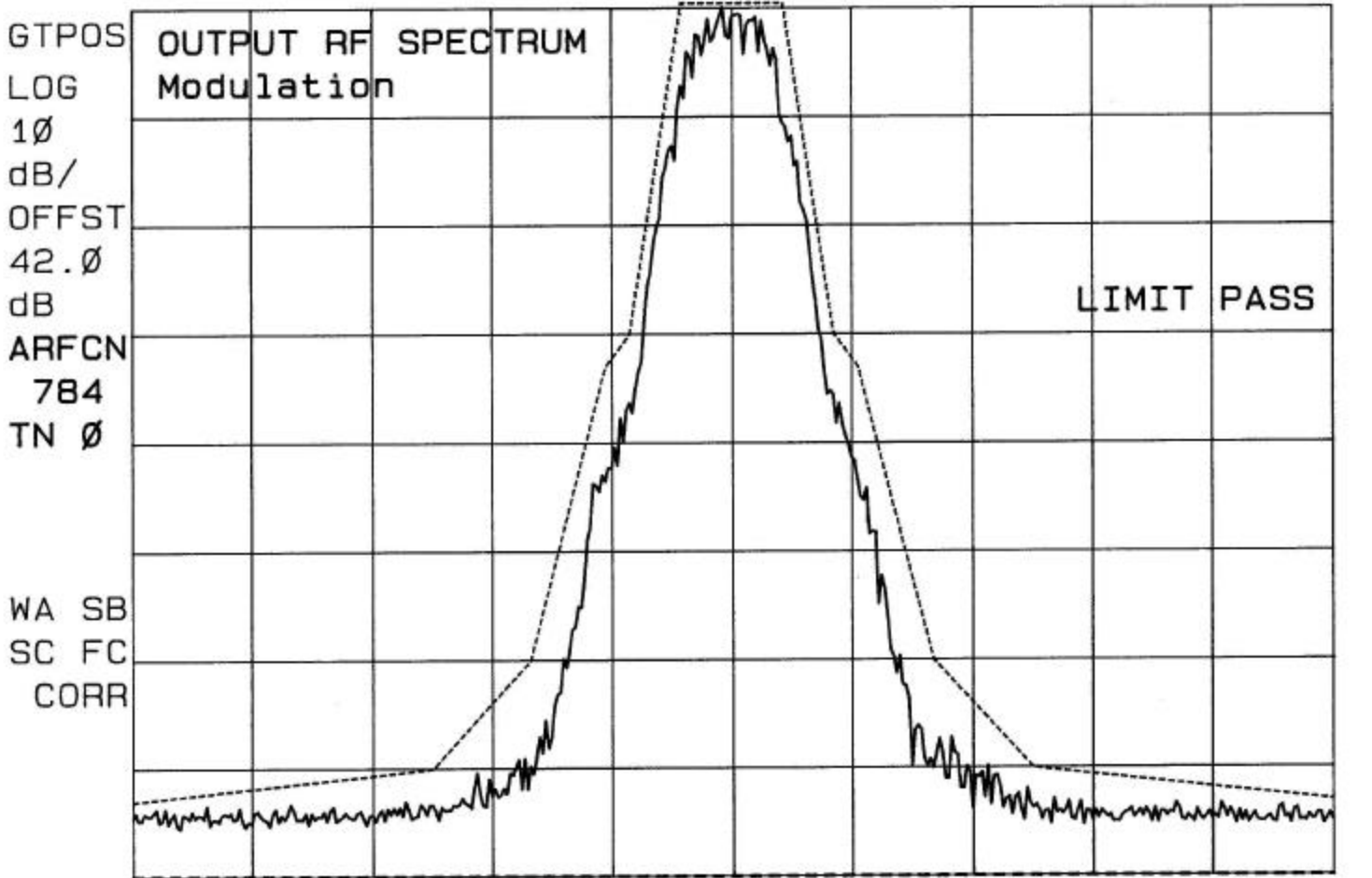
CENTER 1.9754000 GHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz
#SWP 320 µsec

05 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 43.5 dBm #AT 20 dB



CENTER 1.984600 GHz

#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz

#SWP 2.00 sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 43.7 dBm #AT 20 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
784
TN 0
BURST
1
SA SB
SC EC
CORR

OUTPUT RF SPECTRUM

Modulation

		- Offset		+ Offset	
Offset	Freq	dB	dBm	dB	dBm
0	KHz	0.0	36.7	0.0	36.7
100	KHz	-10.6	26.1	-6.5	30.2
200	KHz	-36.2	0.5	-34.7	2.0
250	KHz	-40.1	-3.5	-41.5	-4.8
400	KHz	-69.8	-33.1	-68.0	-31.3
600	KHz	-78.4	-41.8	-75.3	-38.7
800	KHz	-75.3	-38.6	-79.8	-43.1
1000	KHz	-77.6	-40.9	-80.2	-43.5
1200	KHz	-80.5	-43.9	-79.0	-42.4
1400	KHz	-75.8	-39.2	-80.6	-43.9
1600	KHz	-78.7	-42.0	-79.2	-42.5
1800	KHz	-71.5	-34.8	-72.9	-36.3

CENTER 1.9846000 GHz

#RES BW 30 kHz

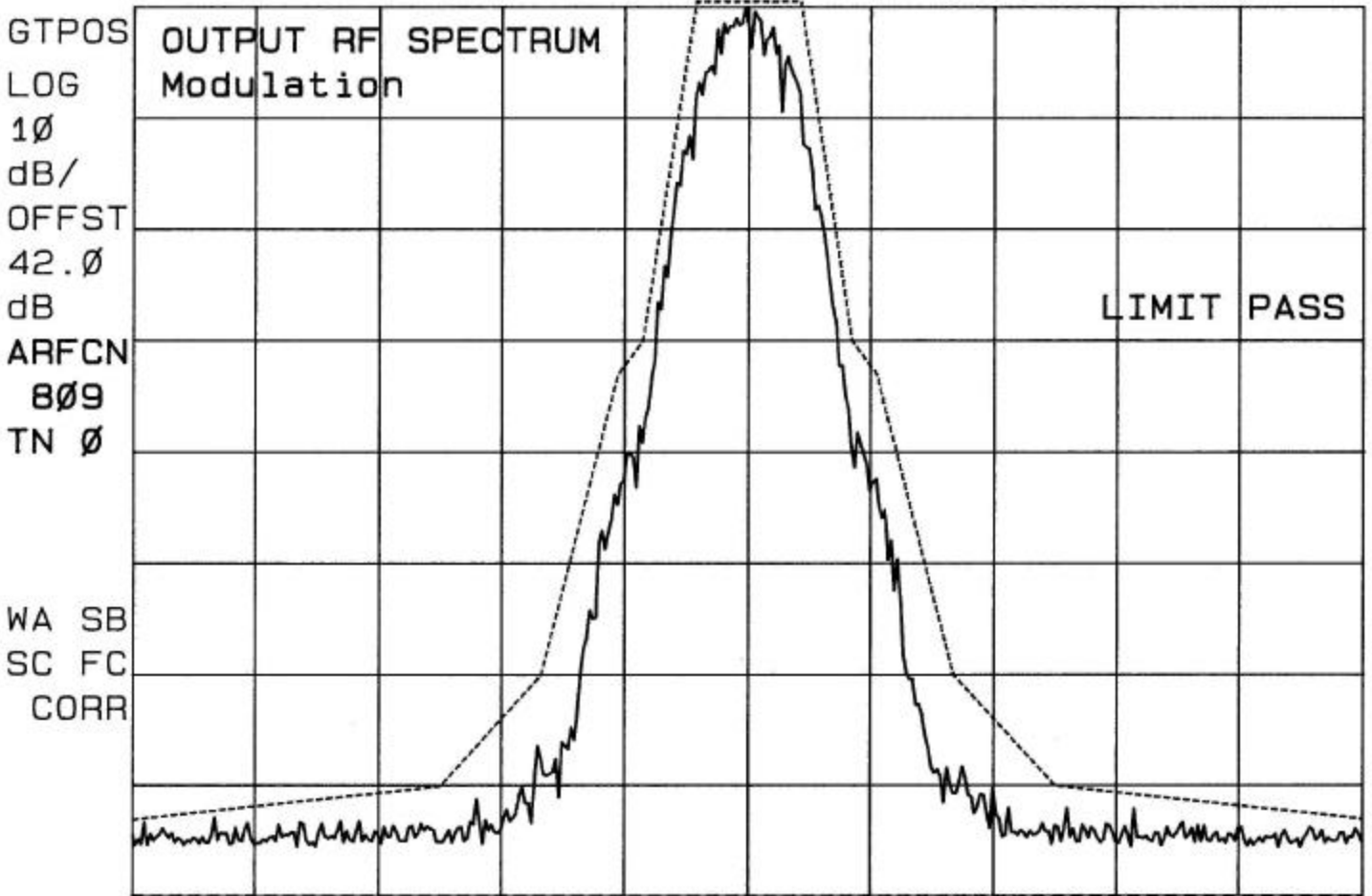
#VBW 30 kHz

SPAN 0 Hz

#SWP 320 μsec

05 MAY 2000

~~1/0~~ Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 43.7 dBm #AT 20 dB



CENTER 1.989600 GHz

#RES BW 30 KHz

#VBW 30 KHz

SPAN 2.400 MHz

#SWP 2.00 sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 43.7 dBm #AT 20 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
809
TN 0
BURST
1
SA SB
SC EC
CORR

OUTPUT RF SPECTRUM

Modulation

Offset	Freq	- Offset dB	dBm	+ Offset dB	dBm
0	KHz	0.0	37.1	0.0	37.1
100	KHz	-8.6	28.5	-11.0	26.1
200	KHz	-36.0	1.1	-37.7	-0.6
250	KHz	-40.6	-3.5	-43.4	-6.3
400	KHz	-67.1	-30.0	-64.8	-27.7
600	KHz	-77.4	-40.3	-75.4	-38.3
800	KHz	-76.8	-39.6	-79.2	-42.1
1000	KHz	-78.3	-41.2	-80.9	-43.8
1200	KHz	-79.6	-42.5	-80.0	-42.9
1400	KHz	-75.9	-38.8	-78.8	-41.7
1600	KHz	-81.7	-44.6	-79.4	-42.3
1800	KHz	-75.3	-38.2	-72.9	-35.8

CENTER 1.9896000 GHz

#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz

#SWP 320 μsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

SINGLE CARRIER WITHOUT COMBINER

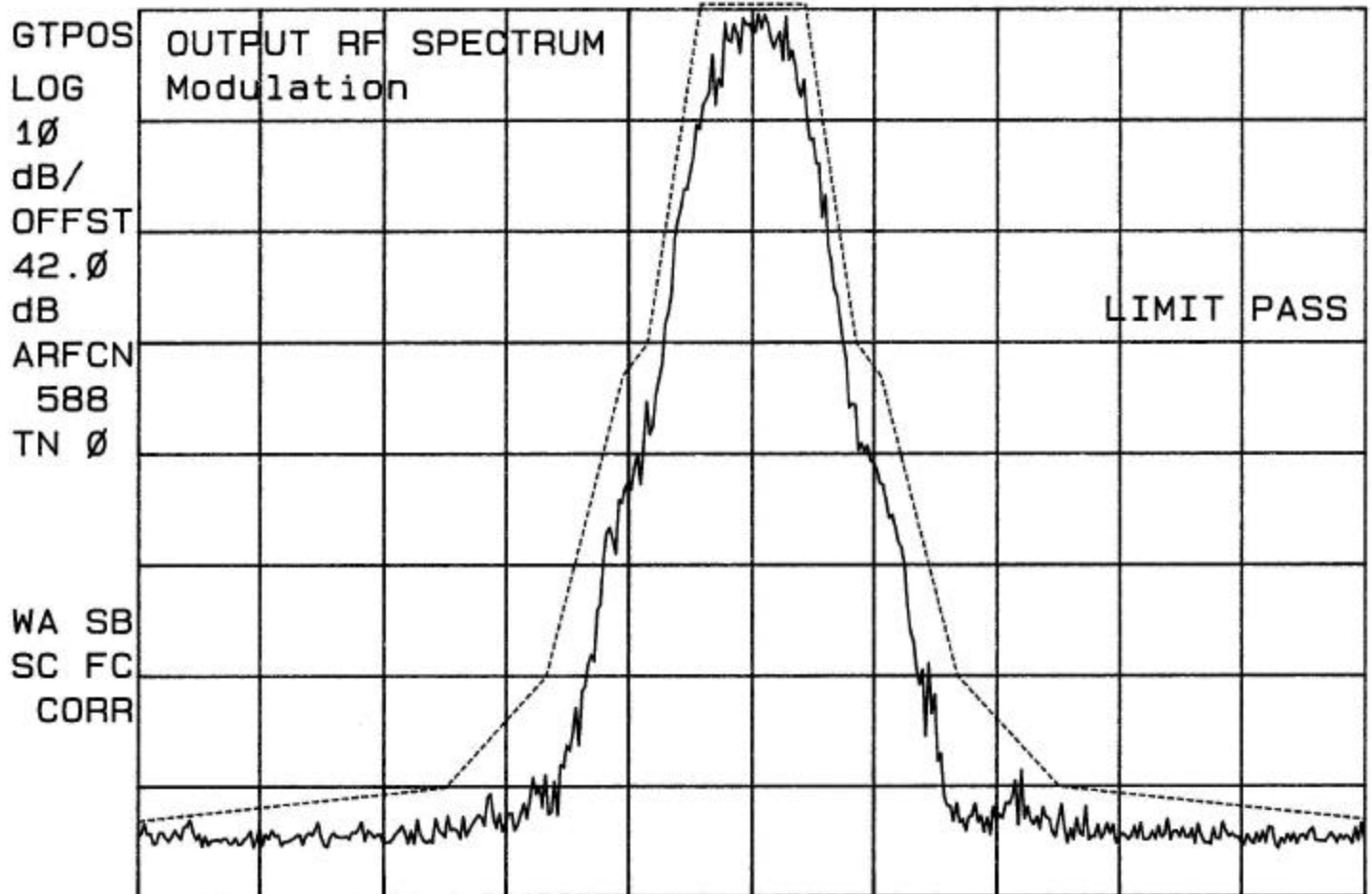
BLOCK D

(1945 – 1950 MHz)

Left Edge:	1945.4 MHz (Channel 588)
Center:	1947.6 MHz (Channel 599)
Right Edge:	1949.6 MHz (Channel 609)

05 MAY 2000

~~hp~~ Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-01
REF 43.6 dBm #AT 20 dB



CENTER 1.945400 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-01
REF 44.0 dBm #AT 20 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
588
TN 0
BURST
1
SA SB
SC EC
CORR

OUTPUT RF SPECTRUM

Modulation

		- Offset		+ Offset	
	Offset Freq	dB	dBm	dB	dBm
	0 KHz	0.0	36.7	0.0	36.7
	100 KHz	-6.7	30.0	-7.6	29.2
	200 KHz	-34.7	2.0	-34.7	2.0
	250 KHz	-41.4	-4.7	-39.8	-3.1
	400 KHz	-72.4	-35.6	-71.2	-34.5
	600 KHz	-77.5	-40.8	-78.6	-41.9
	800 KHz	-75.3	-38.6	-77.8	-41.1
	1000 KHz	-75.4	-38.7	-78.2	-41.5
	1200 KHz	-77.7	-41.0	-81.8	-45.0
	1400 KHz	-77.9	-41.2	-76.9	-40.2
	1600 KHz	-79.8	-43.1	-75.5	-38.8
	1800 KHz	-72.6	-35.9	-73.2	-36.5

CENTER 1.9454000 GHz

#RES BW 30 KHz

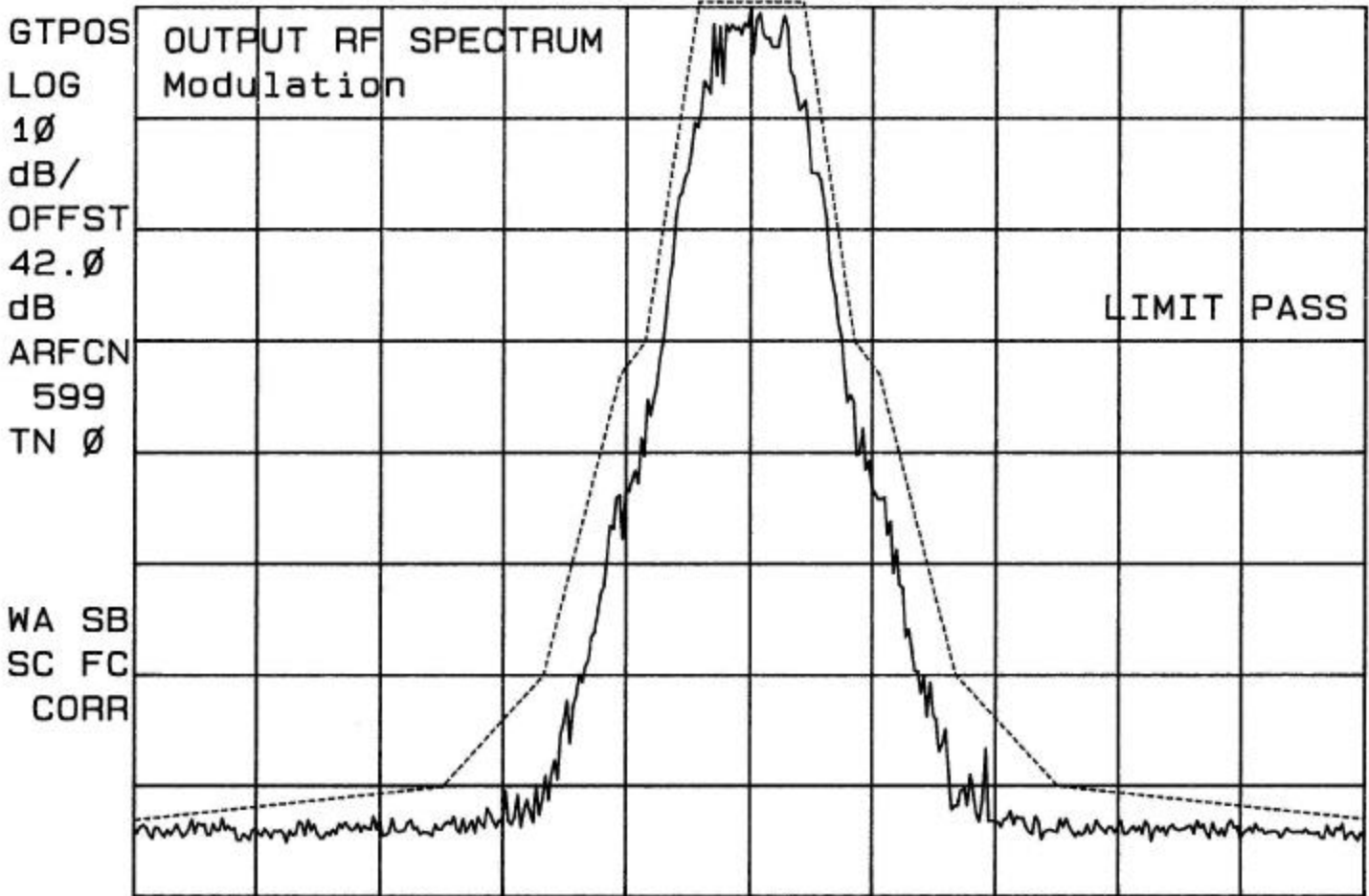
#VBW 30 KHz

SPAN 0 Hz

#SWP 320 μsec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 44.0 dBm #AT 20 dB



CENTER 1.947600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 44.6 dBm #AT 20 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
599
TN 0
BURST
1
SA SB
SC EC
CORR

OUTPUT RF SPECTRUM

Modulation

		- Offset		+ Offset	
Offset	Freq	dB	dBm	dB	dBm
0	KHz	0.0	36.8	0.0	36.8
100	KHz	-8.1	28.8	-7.3	29.5
200	KHz	-36.8	0.0	-34.8	2.0
250	KHz	-44.4	-7.6	-43.1	-6.2
400	KHz	-69.6	-32.8	-71.0	-34.2
600	KHz	-76.7	-39.9	-76.7	-39.9
800	KHz	-77.5	-40.6	-76.8	-40.0
1000	KHz	-79.1	-42.2	-77.1	-40.3
1200	KHz	-80.7	-43.8	-78.8	-42.0
1400	KHz	-79.7	-42.9	-76.6	-39.8
1600	KHz	-78.1	-41.3	-80.1	-43.3
1800	KHz	-72.8	-35.9	-72.9	-36.0

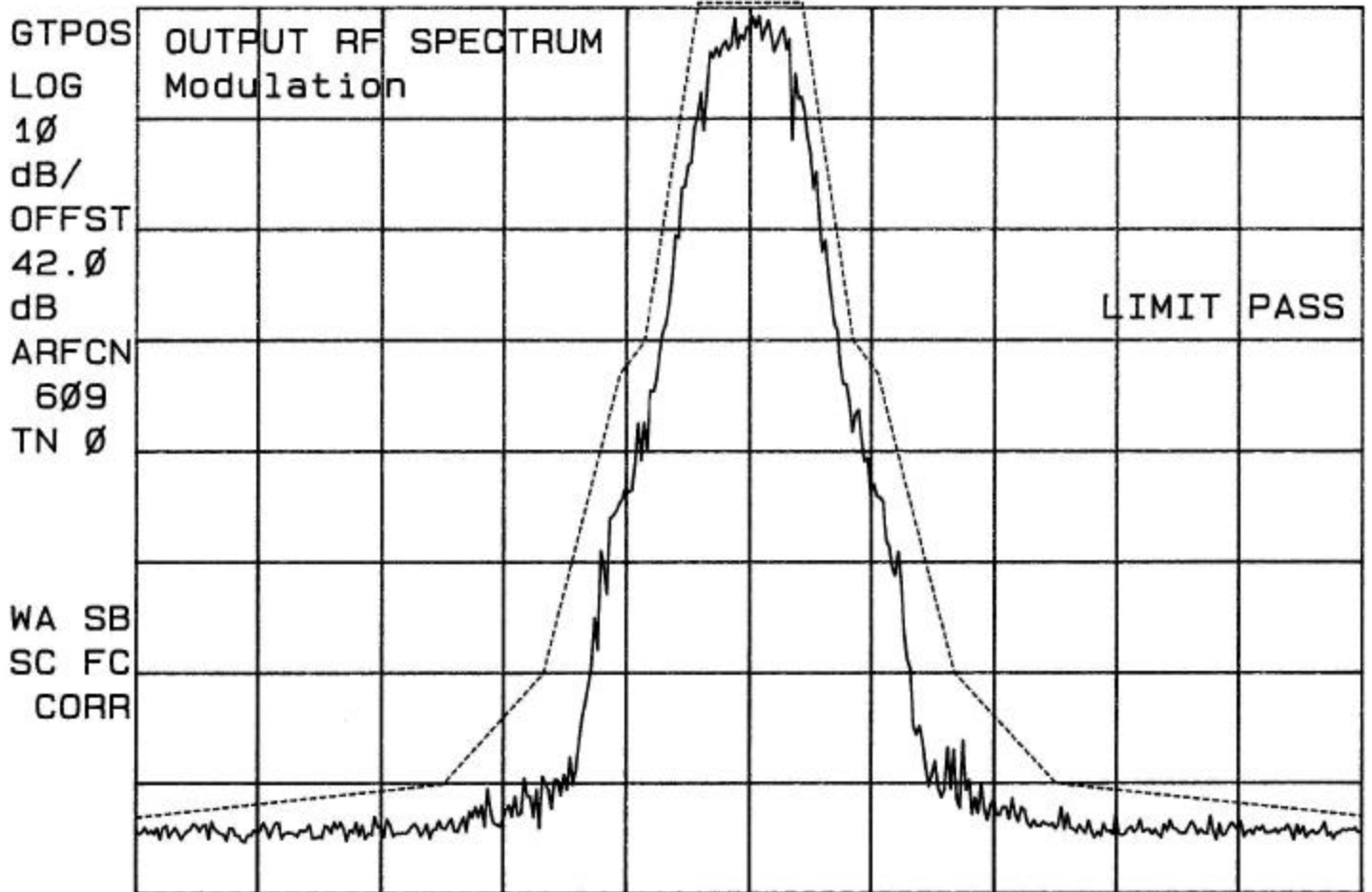
CENTER 1.9476000 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 0 Hz
#SWP 320 μsec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 44.3 dBm #AT 20 dB



CENTER 1.949600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 44.3 dBm #AT 20 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	36.9	0.0	36.9
42.0		100	KHz	-11.3	25.6	-9.3	27.6
dB		200	KHz	-37.4	-0.6	-35.3	1.6
ARFCN		250	KHz	-41.0	-4.2	-41.7	-4.8
609		400	KHz	-68.6	-31.8	-68.5	-31.7
TN 0		600	KHz	-78.7	-41.8	-75.0	-38.2
BURST		800	KHz	-78.2	-41.3	-74.5	-37.6
1		1000	KHz	-79.2	-42.4	-78.9	-42.1
SA SB		1200	KHz	-77.7	-40.9	-78.9	-42.0
SC EC		1400	KHz	-79.3	-42.5	-76.9	-40.0
CORR		1600	KHz	-76.7	-39.8	-77.8	-40.9
		1800	KHz	-71.1	-34.2	-72.1	-35.2

CENTER 1.9496000 GHz

#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz

#SWP 320 µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

SINGLE CARRIER WITHOUT COMBINER

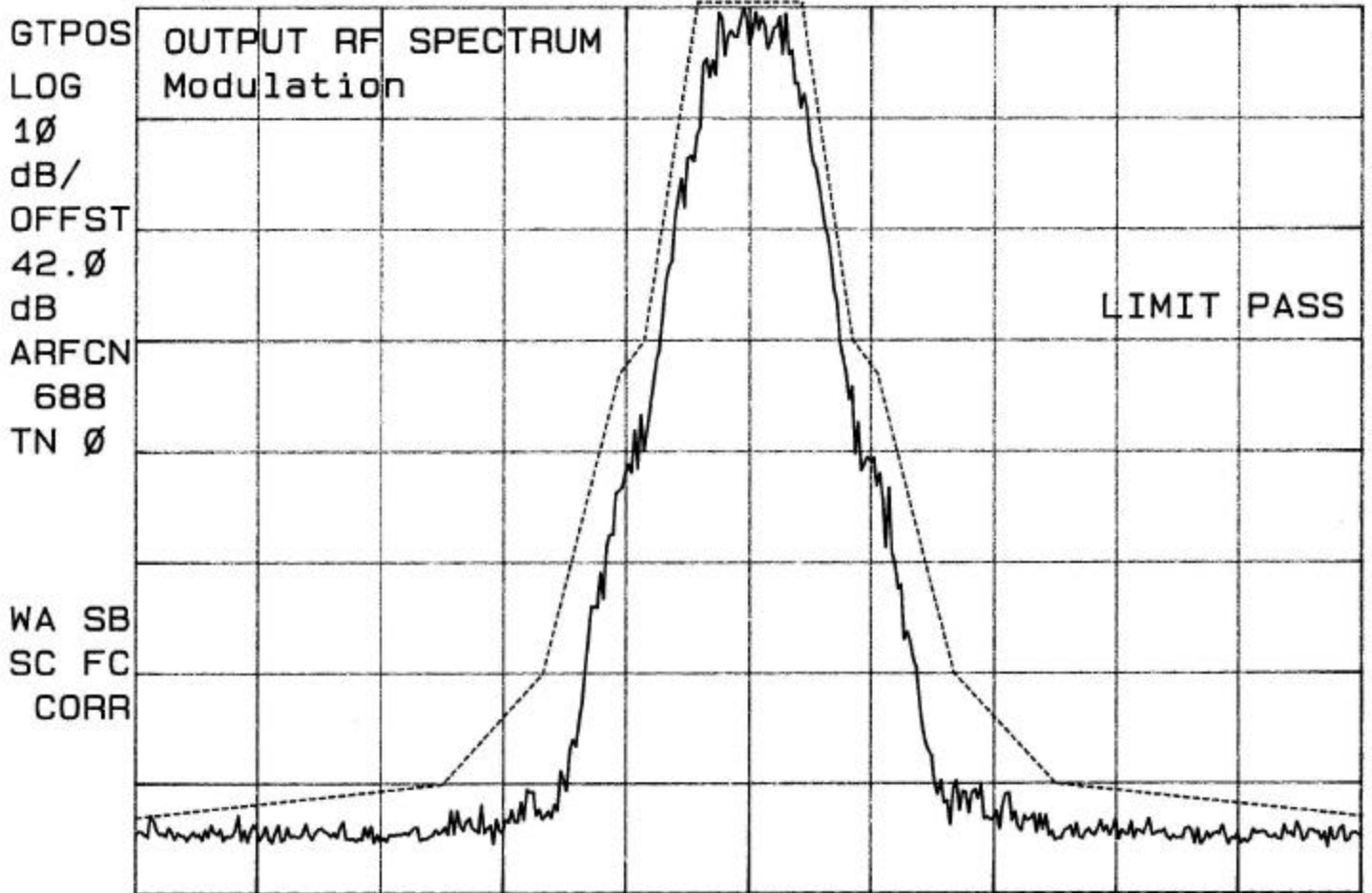
BLOCK E

(1965 – 1970 MHz)

Left Edge:	1965.4 MHz (Channel 688)
Center:	1967.6 MHz (Channel 699)
Right Edge:	1969.6 MHz (Channel 709)

05 MAY 2000

~~hp~~ Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 43.7 dBm #AT 20 dB



CENTER 1.965400 GHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 44.2 dBm #AT 20 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/	Offset	Freq	dB	dBm	dB	dBm	
OFFST	0	KHz	0.0	37.6	0.0	37.6	
42.0	100	KHz	-7.1	30.4	-8.5	29.0	
dB	200	KHz	-37.3	0.3	-34.8	2.8	
ARFCN	250	KHz	-43.5	-5.9	-42.2	-4.6	
688	400	KHz	-71.6	-34.1	-69.7	-32.1	
TN 0	600	KHz	-79.1	-41.6	-77.0	-39.5	
BURST	800	KHz	-76.3	-38.7	-74.8	-37.2	
1	1000	KHz	-77.8	-40.3	-78.8	-41.2	
SA SB	1200	KHz	-80.0	-42.5	-80.5	-43.0	
SC EC	1400	KHz	-77.3	-39.7	-78.0	-40.5	
CORR	1600	KHz	-79.3	-41.7	-80.4	-42.8	
	1800	KHz	-73.2	-35.7	-72.8	-35.3	

CENTER 1.9654000 GHz

SPAN 0 Hz

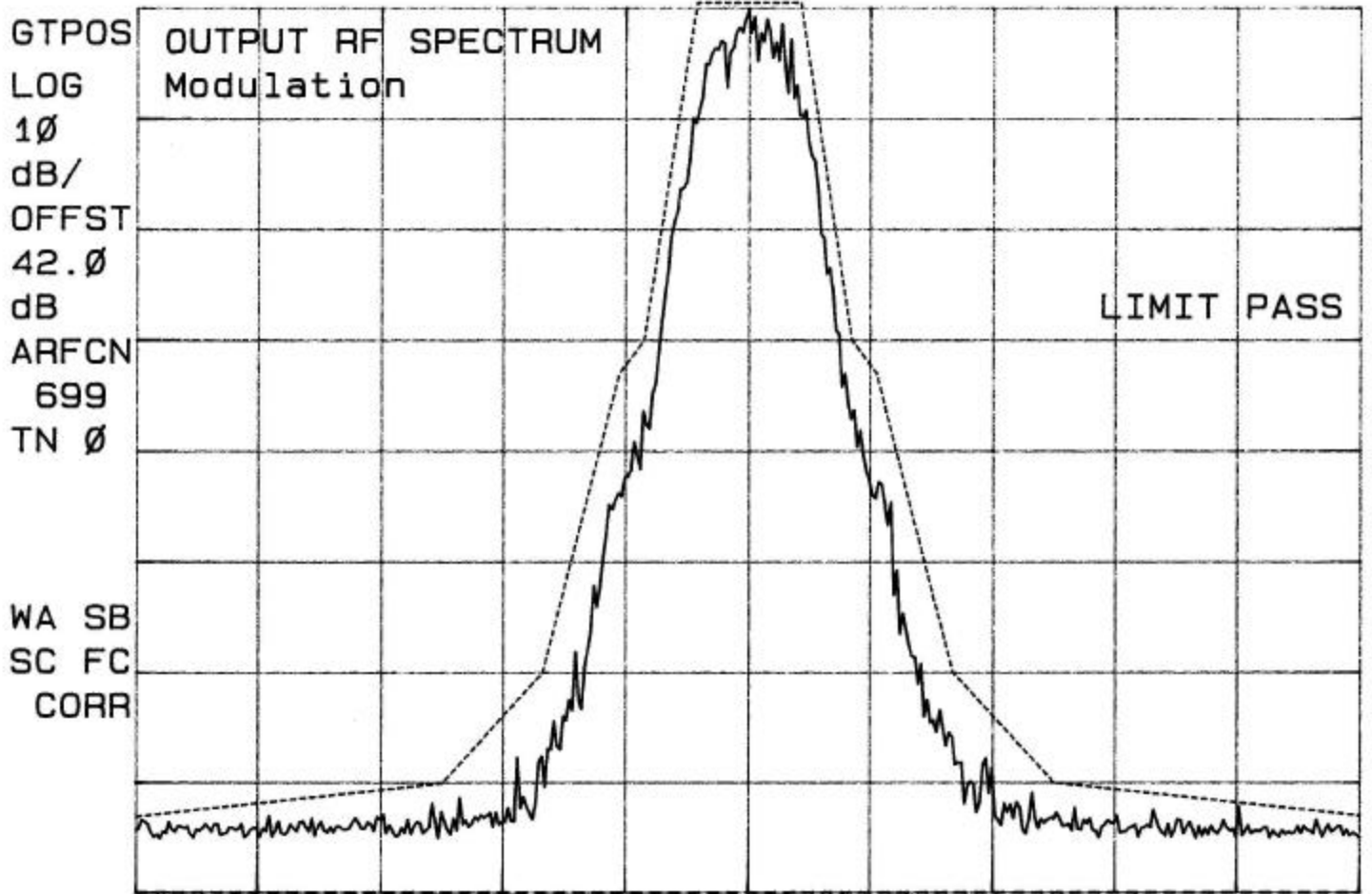
#RES BW 30 KHz

#VBW 30 KHz

#SWP 320 μsec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-01
REF 44.1 dBm #AT 20 dB



CENTER 1.967600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-01
REF 43.5 dBm #AT 20 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	37.5	0.0	37.5
42.0		100	KHz	-10.8	26.7	-13.6	23.9
dB		200	KHz	-36.5	0.9	-36.2	1.3
ARFCN		250	KHz	-42.6	-5.1	-40.5	-3.0
699		400	KHz	-72.1	-34.6	-71.6	-34.1
TN 0		600	KHz	-77.4	-39.9	-74.8	-37.3
BURST		800	KHz	-78.0	-40.5	-77.9	-40.4
1		1000	KHz	-79.7	-42.3	-79.1	-41.6
SA SB		1200	KHz	-79.8	-42.4	-80.9	-43.4
SC EC		1400	KHz	-79.8	-42.3	-80.1	-42.6
CORR		1600	KHz	-79.4	-41.9	-81.4	-43.9
		1800	KHz	-72.1	-34.6	-72.6	-35.2

CENTER 1.9676000 GHz

#RES BW 30 KHz

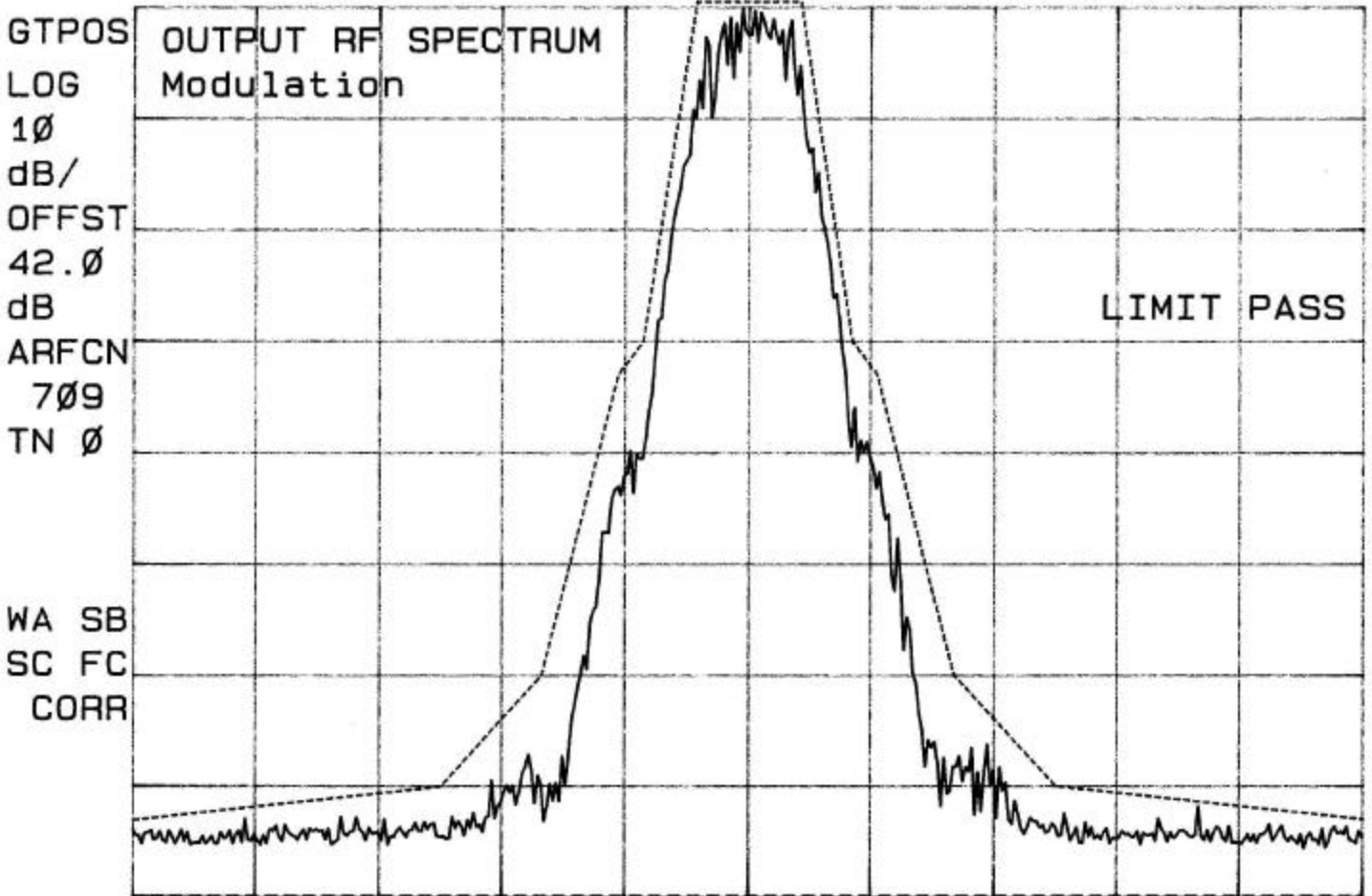
#VBW 30 KHz

SPAN 0 Hz

#SWP 320 μsec

05 MAY 2000

~~/~~ Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 43.6 dBm #AT 20 dB



CENTER 1.969600 GHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 44.4 dBm #AT 20 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
709
TN 0
BURST
1
SA SB
SC EC
CORR

OUTPUT RF SPECTRUM					
Modulation					
		- Offset		+ Offset	
Offset	Freq	dB	dBm	dB	dBm
0	KHz	0.0	37.1	0.0	37.1
100	KHz	-8.4	28.7	-7.0	30.2
200	KHz	-35.2	1.9	-35.6	1.5
250	KHz	-42.5	-5.4	-41.3	-4.2
400	KHz	-71.0	-33.9	-71.2	-34.1
600	KHz	-76.4	-39.2	-76.3	-39.1
800	KHz	-78.9	-41.7	-76.7	-39.5
1000	KHz	-79.6	-42.5	-76.1	-39.0
1200	KHz	-78.3	-41.2	-80.7	-43.5
1400	KHz	-78.0	-40.9	-79.7	-42.5
1600	KHz	-76.2	-39.0	-78.7	-41.5
1800	KHz	-73.5	-36.4	-72.5	-35.3

CENTER 1.9696000 GHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz
#SWP 320 μsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

SINGLE CARRIER WITHOUT COMBINER

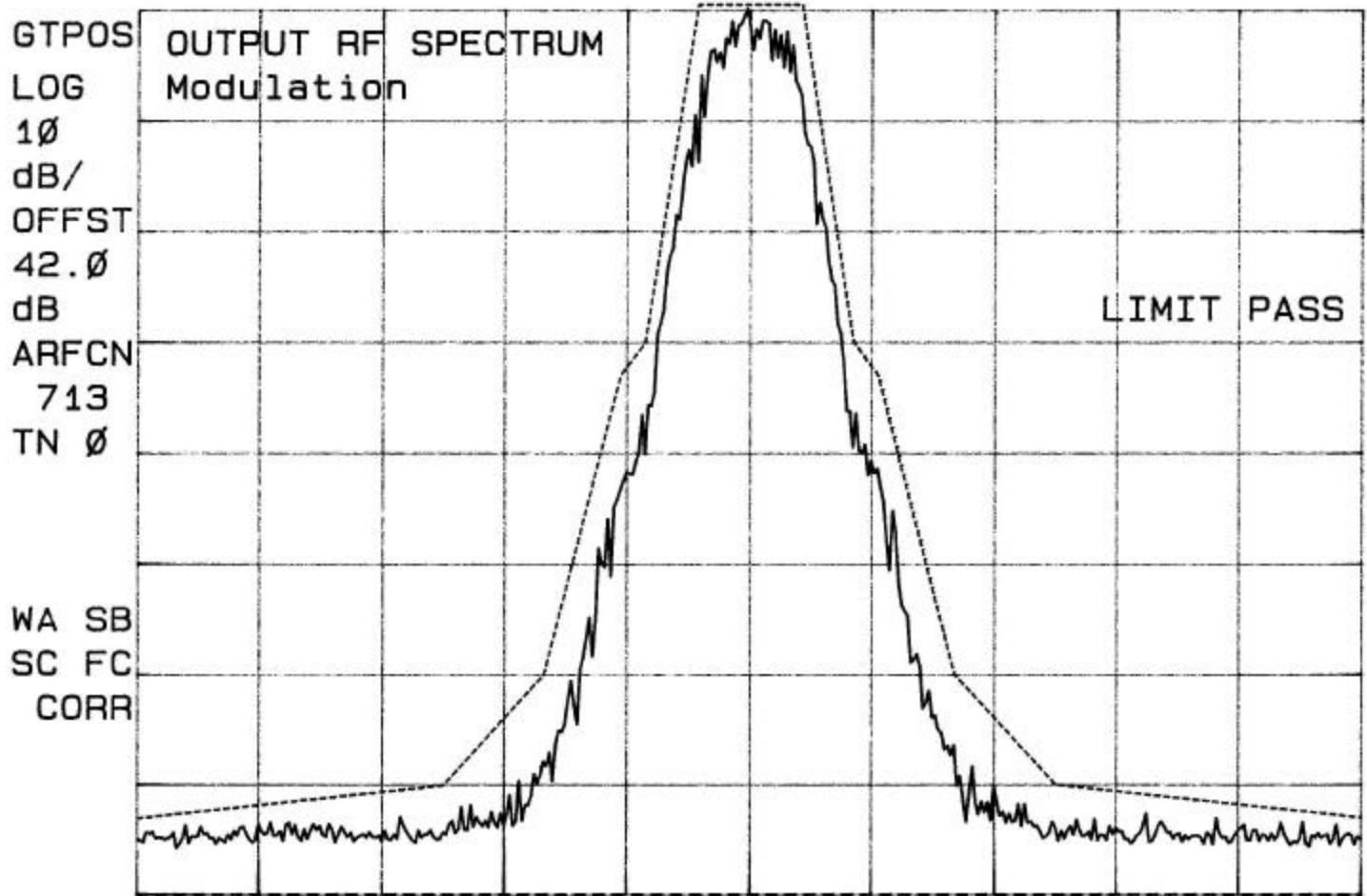
BLOCK F

(1970 – 1975 MHz)

Left Edge:	1970.4 MHz (Channel 713)
Center:	1972.6 MHz (Channel 724)
Right Edge:	1974.6 MHz (Channel 734)

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 43.7 dBm #AT 20 dB



CENTER 1.970400 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

h/ Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 43.6 dBm #AT 20 dB

GTSMP		OUTPUT RF SPECTRUM			
LOG		Modulation			
10		- Offset		+ Offset	
dB/	Offset Freq	dB	dBm	dB	dBm
OFFST	0 KHz	0.0	37.3	0.0	37.3
42.0	100 KHz	-8.1	29.2	-9.4	27.9
dB	200 KHz	-35.0	2.3	-36.1	1.3
ARFCN	250 KHz	-39.9	-2.6	-44.6	-7.2
713	400 KHz	-70.3	-33.0	-69.2	-31.9
TN 0	600 KHz	-75.7	-38.4	-74.9	-37.6
BURST	800 KHz	-77.3	-40.0	-78.0	-40.7
1	1000 KHz	-79.5	-42.2	-77.5	-40.2
SA SB	1200 KHz	-80.8	-43.4	-78.9	-41.6
SC EC	1400 KHz	-77.8	-40.5	-80.5	-43.1
CORR	1600 KHz	-77.1	-39.8	-76.8	-39.4
	1800 KHz	-72.1	-34.8	-73.2	-35.8

CENTER 1.9704000 GHz

#RES BW 30 KHz

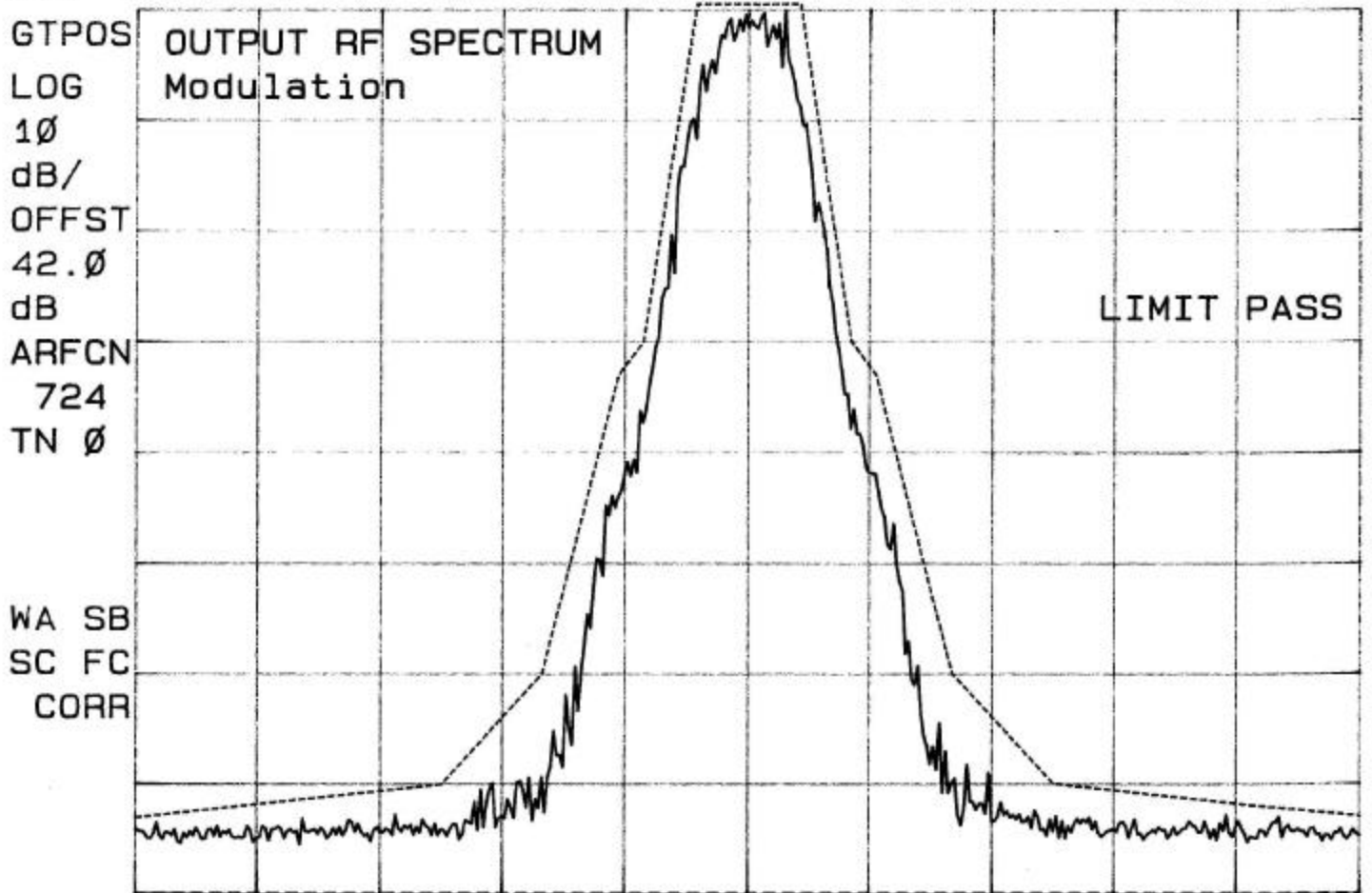
#VBW 30 KHz

SPAN 0 Hz

#SWP 320 μsec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 43.5 dBm #AT 20 dB



CENTER 1.972600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-01
REF 43.4 dBm #AT 20 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST	42.0	0	KHz	0.0	37.1	0.0	37.1
		100	KHz	-8.7	28.4	-8.4	28.8
ARFCN	724	200	KHz	-35.6	1.6	-37.1	0.1
		250	KHz	-41.2	-4.1	-40.1	-3.0
TN	0	400	KHz	-68.9	-31.8	-70.1	-33.0
BURST	1	600	KHz	-77.5	-40.3	-77.1	-40.0
		800	KHz	-76.4	-39.3	-76.2	-39.1
		1000	KHz	-78.7	-41.5	-79.3	-42.1
		1200	KHz	-79.6	-42.5	-78.7	-41.6
SA SB		1400	KHz	-76.1	-39.0	-79.7	-42.5
SC EC		1600	KHz	-77.3	-40.2	-77.7	-40.5
CORR		1800	KHz	-73.5	-36.3	-73.7	-36.5

CENTER 1.9726000 GHz

#RES BW 30 KHz

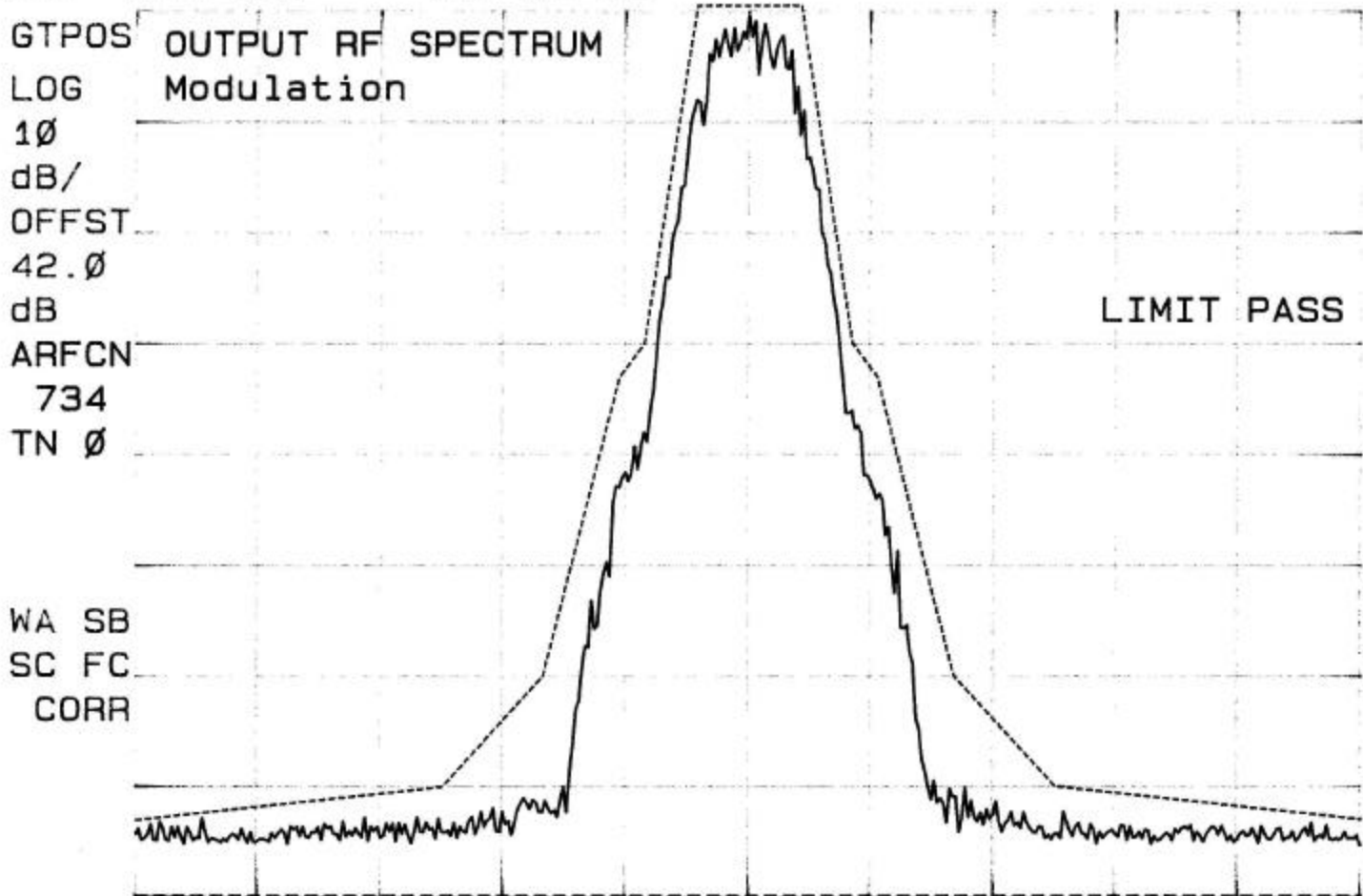
#VBW 30 KHz

SPAN 0 Hz

#SWP 320 μsec

05 MAY 2000

~~17~~ Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 44.2 dBm #AT 20 dB



CENTER 1.974600 GHz

#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz

#SWP 2.00 sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 44.2 dBm #AT 20 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
734
TN 0
BURST
1
SA SB
SC EC
CORR

OUTPUT RF SPECTRUM

Modulation

		- Offset		+ Offset	
Offset	Freq	dB	dBm	dB	dBm
0	KHz	0.0	37.0	0.0	37.0
100	KHz	-5.1	31.9	-6.1	30.9
200	KHz	-37.7	-0.7	-33.5	3.5
250	KHz	-42.6	-5.6	-43.8	-6.8
400	KHz	-73.5	-36.5	-71.5	-34.5
600	KHz	-75.7	-38.6	-76.4	-39.4
800	KHz	-79.7	-42.7	-76.7	-39.7
1000	KHz	-77.3	-40.3	-79.4	-42.4
1200	KHz	-78.3	-41.3	-74.6	-37.6
1400	KHz	-77.7	-40.7	-79.4	-42.4
1600	KHz	-76.8	-39.8	-79.7	-42.7
1800	KHz	-72.6	-35.6	-71.7	-34.7

CENTER 1.9746000 GHz

#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz

#SWP 320 μsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

TWO CARRIER WITH COMBINER

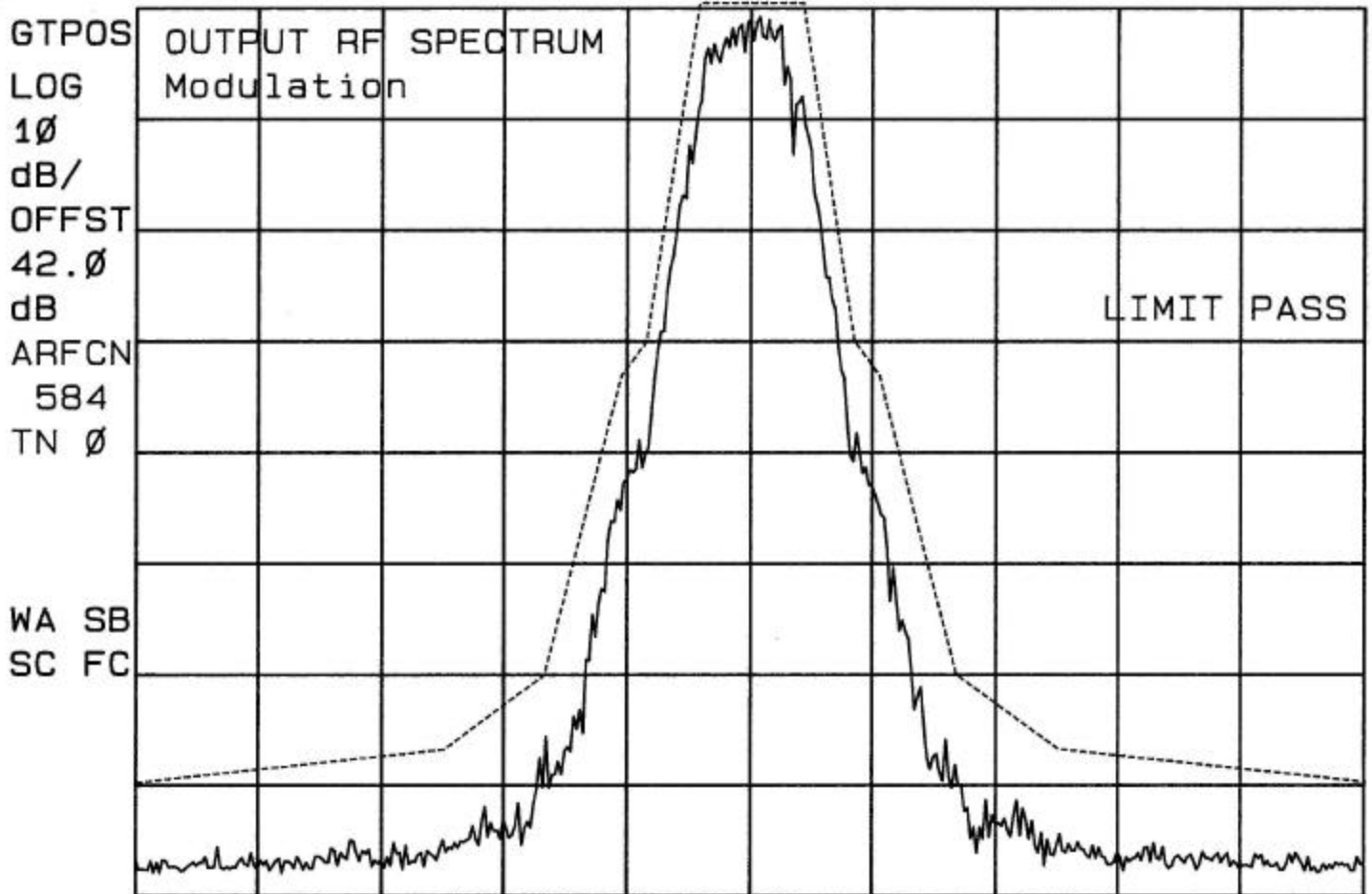
BLOCK A

(1930 – 1945 MHz)

Left Edge:	1930.4 MHz (Channel 513)
Center:	1937.6 MHz (Channel 549)
Right Edge:	1944.6 MHz (Channel 584)

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 39.7 dBm #AT 10 dB



CENTER 1.944600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.3dBm, FCC ID: AS5FLX-01
REF 39.4 dBm #AT 10 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		-----					
42.0		0	KHz	0.0	32.4	0.0	32.4
		100	KHz	-9.0	23.4	-10.8	21.6
		200	KHz	-36.3	-3.9	-37.4	-5.0
		250	KHz	-40.9	-8.5	-41.7	-9.3
		400	KHz	-72.7	-40.3	-70.5	-38.1
		600	KHz	-78.6	-46.2	-76.9	-44.5
		800	KHz	-80.8	-48.4	-80.3	-47.9
		1000	KHz	-81.6	-49.2	-80.7	-48.3
		1200	KHz	-83.1	-50.7	-82.1	-49.7
		1400	KHz	-81.1	-48.7	-82.8	-50.4
		1600	KHz	-82.3	-49.9	-84.2	-51.8
		1800	KHz	-77.4	-45.0	-77.4	-45.0

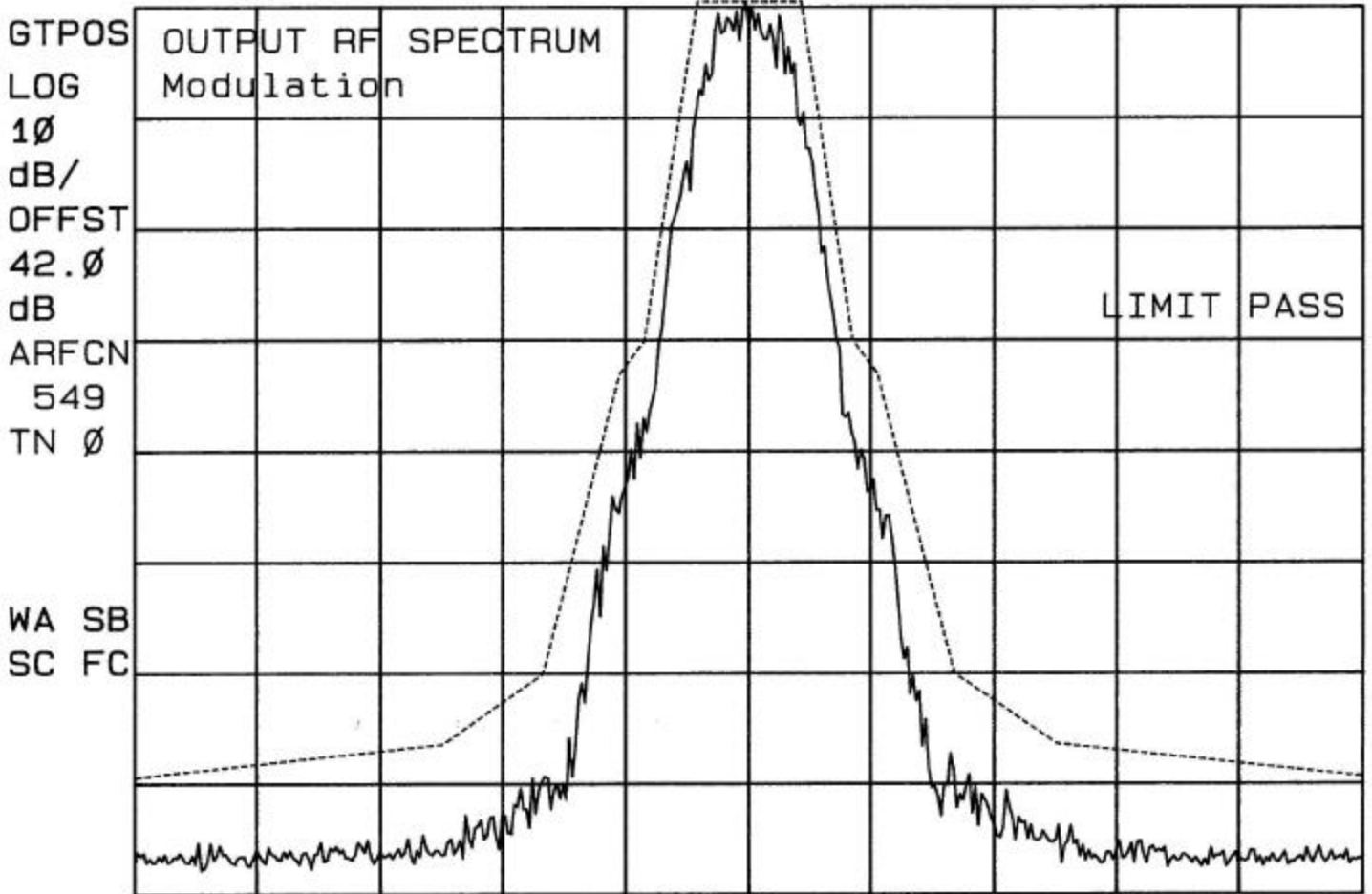
CENTER 1.9304000 GHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz
#SWP 320 μsec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 39.3 dBm #AT 10 dB



CENTER 1.937600 GHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 40.1 dBm #AT 10 dB

GTSMPL		OUTPUT RF SPECTRUM					
LOG		Modulation					
10				- Offset		+ Offset	
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	32.5	0.0	32.5
42.0		100	KHz	-8.3	24.1	-9.3	23.2
dB		200	KHz	-38.4	-5.9	-35.4	-3.0
ARFCN		250	KHz	-40.4	-7.9	-44.1	-11.6
549		400	KHz	-68.4	-35.9	-68.2	-35.7
TN 0		600	KHz	-78.3	-45.8	-81.8	-49.4
BURST		800	KHz	-82.0	-49.6	-79.7	-47.2
1		1000	KHz	-81.3	-48.8	-82.2	-49.8
SA SB		1200	KHz	-83.2	-50.7	-79.7	-47.3
SC EC		1400	KHz	-81.0	-48.5	-82.4	-49.9
		1600	KHz	-81.1	-48.6	-81.9	-49.5
		1800	KHz	-76.7	-44.2	-76.0	-43.5

CENTER 1.9376000 GHz

#RES BW 30 KHz

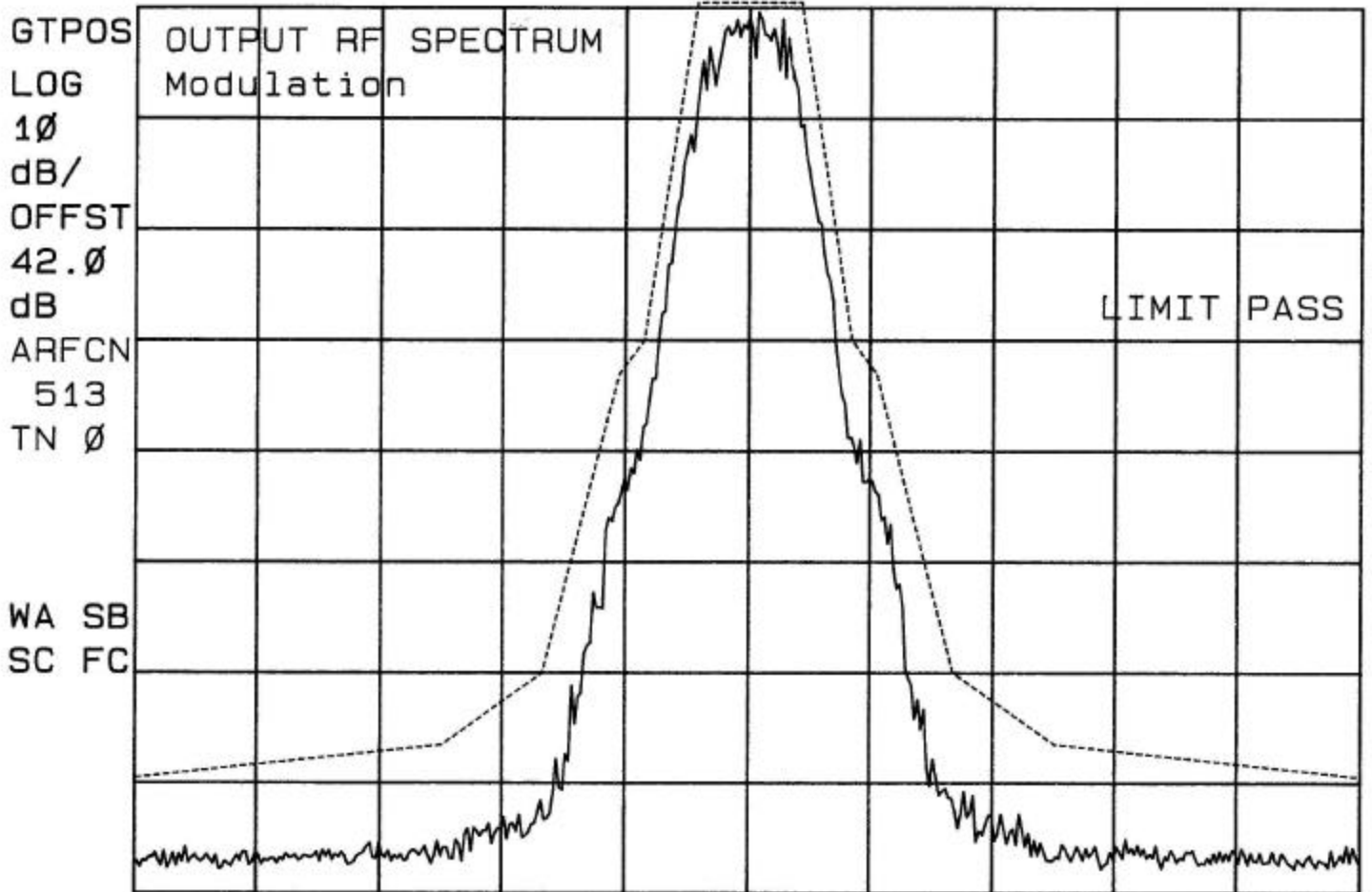
#VBW 30 KHz

SPAN 0 Hz

#SWP 320 µsec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.3dBm, FCC ID: AS5FLX-01
REF 39.5 dBm #AT 10 dB



CENTER 1.930400 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 39.2 dBm #AT 10 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
584
TN 0
BURST
1
SA SB
SC EC

OUTPUT RF SPECTRUM

Modulation

		- Offset		+ Offset	
Offset	Freq	dB	dBm	dB	dBm
0	KHz	0.0	32.3	0.0	32.3
100	KHz	-9.3	23.0	-7.7	24.6
200	KHz	-35.8	-3.6	-37.5	-5.2
250	KHz	-40.4	-8.1	-42.8	-10.5
400	KHz	-69.5	-37.2	-72.7	-40.4
600	KHz	-79.8	-47.5	-80.5	-48.2
800	KHz	-78.7	-46.4	-79.5	-47.3
1000	KHz	-83.8	-51.5	-80.7	-48.5
1200	KHz	-84.5	-52.3	-82.1	-49.8
1400	KHz	-81.8	-49.5	-83.5	-51.2
1600	KHz	-82.6	-50.4	-84.6	-52.3
1800	KHz	-76.1	-43.8	-75.4	-43.1

CENTER 1.9446000 GHz

#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz

#SWP 320 µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

TWO CARRIER WITH COMBINER

BLOCK B

(1950 – 1965 MHz)

Left Edge:	1950.4 MHz (Channel 613)
Center:	1957.6 MHz (Channel 649)
Right Edge:	1964.6 MHz (Channel 684)

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 39.2 dBm #AT 10 dB

GTSMPL		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		-----					
42.0		0	KHz	0.0	32.5	0.0	32.5
		100	KHz	-5.3	27.3	-8.0	24.5
		200	KHz	-37.6	-5.0	-38.0	-5.4
ARFCN		250	KHz	-45.1	-12.6	-42.2	-9.7
649		400	KHz	-70.3	-37.8	-68.9	-36.3
TN 0		600	KHz	-81.6	-49.0	-79.5	-47.0
BURST		800	KHz	-77.3	-44.8	-81.2	-48.6
1		1000	KHz	-81.9	-49.4	-84.0	-51.5
SA SB		1200	KHz	-81.5	-49.0	-81.6	-49.1
SC EC		1400	KHz	-80.0	-47.4	-82.3	-49.8
		1600	KHz	-83.0	-50.4	-83.5	-51.0
		1800	KHz	-77.8	-45.2	-78.3	-45.7

CENTER 1.9576000 GHz

#RES BW 30 kHz

#VBW 30 kHz

SPAN 0 Hz

#SWP 320 µsec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 39.8 dBm #AT 10 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	32.5	0.0	32.5
42.0		100	KHz	-5.8	26.7	-10.5	22.0
dB		200	KHz	-34.3	-1.8	-36.5	-4.0
ARFCN		250	KHz	-41.4	-8.9	-43.1	-10.6
613		400	KHz	-69.6	-37.1	-68.7	-36.2
TN 0		600	KHz	-78.3	-45.8	-78.2	-45.7
BURST		800	KHz	-81.0	-48.5	-80.3	-47.8
1		1000	KHz	-81.5	-49.0	-82.3	-49.8
SA SB		1200	KHz	-81.0	-48.5	-82.7	-50.2
SC EC		1400	KHz	-82.5	-50.0	-80.2	-47.7
		1600	KHz	-82.5	-50.0	-82.3	-49.8
		1800	KHz	-76.3	-43.8	-77.0	-44.5

CENTER 1.9504000 GHz

#RES BW 30 KHz

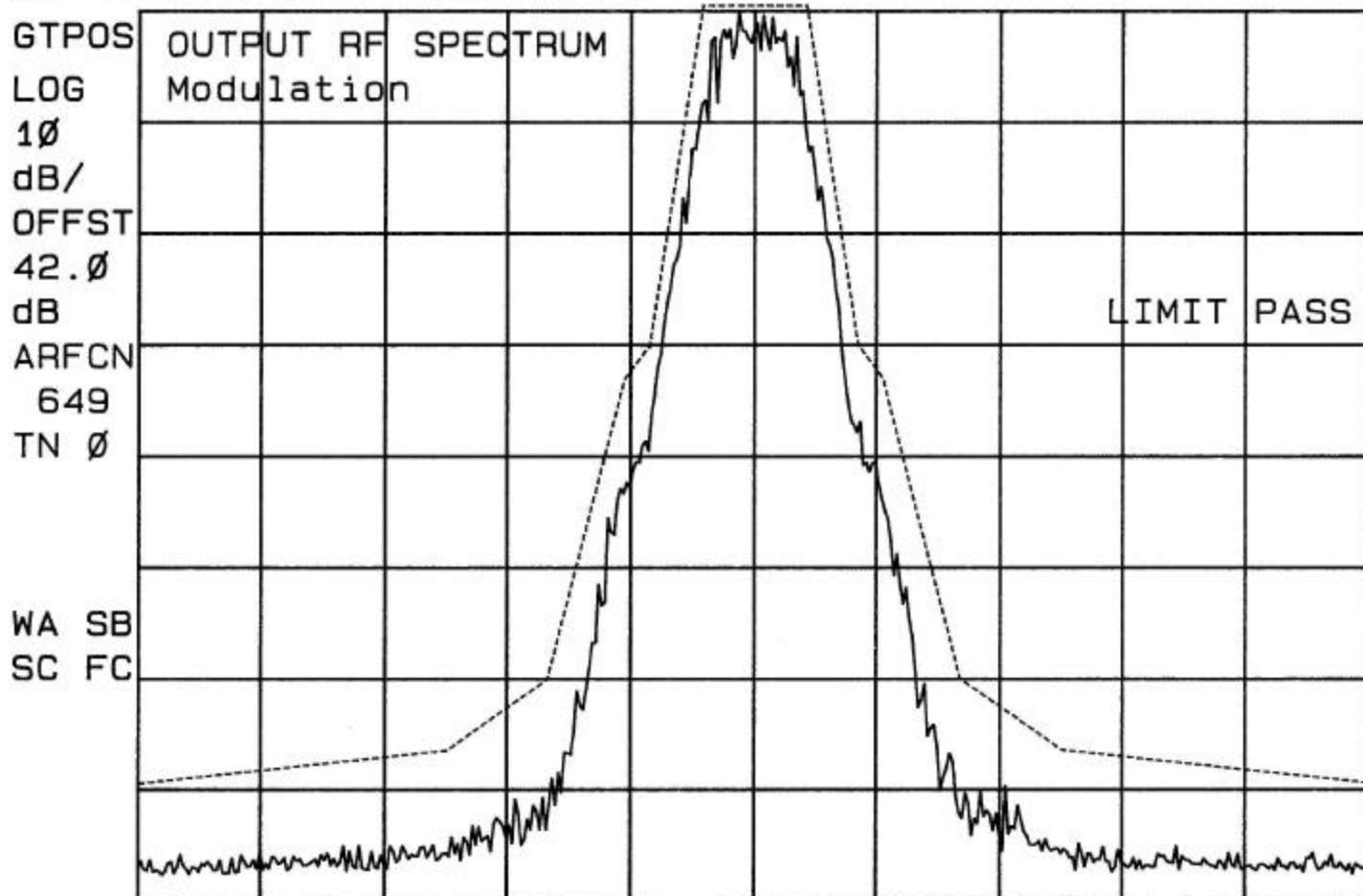
#VBW 30 KHz

SPAN 0 Hz

#SWP 320 µsec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 39.4 dBm #AT 10 dB



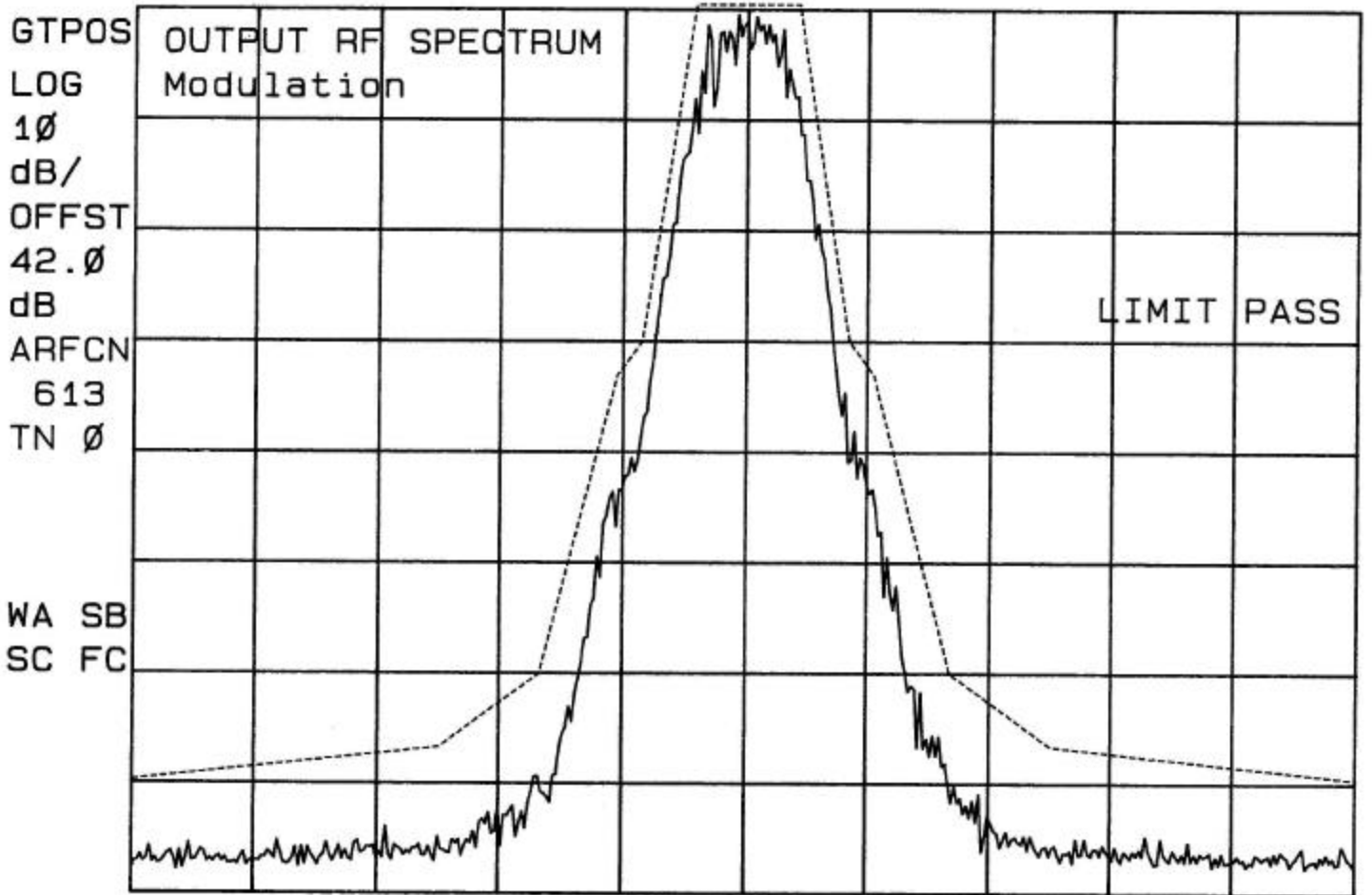
CENTER 1.957600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

~~/p~~ Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 39.6 dBm #AT 10 dB



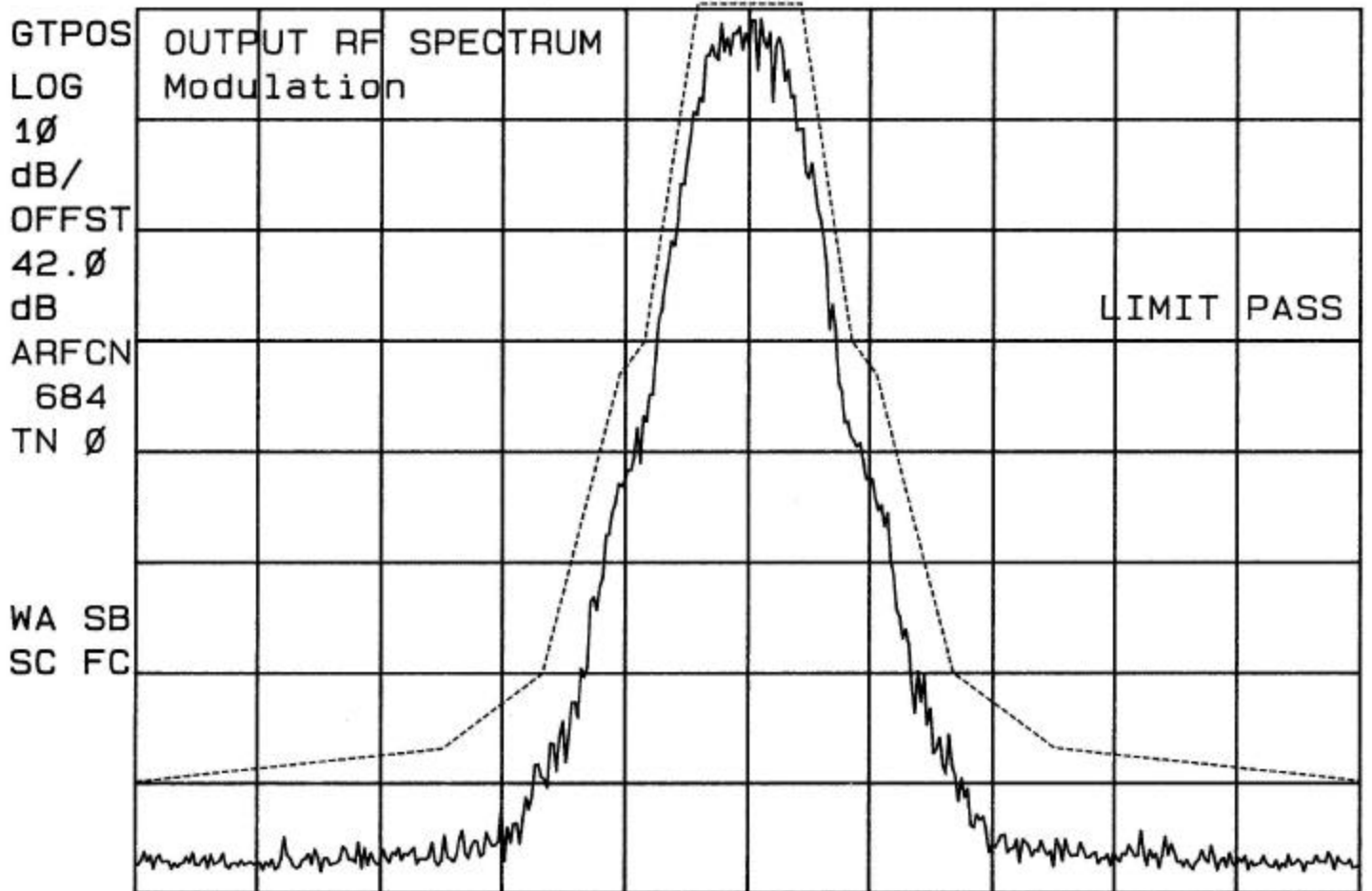
CENTER 1.950400 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 39.8 dBm #AT 10 dB



CENTER 1.964600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-01
REF 39.6 dBm #AT 10 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
684
TN 0
BURST
1
SA SB
SC EC

OUTPUT RF SPECTRUM

Modulation

		- Offset		+ Offset	
Offset	Freq	dB	dBm	dB	dBm
0	KHz	0.0	32.7	0.0	32.7
100	KHz	-7.6	25.0	-13.9	18.7
200	KHz	-36.6	-4.0	-35.1	-2.5
250	KHz	-40.0	-7.4	-45.6	-13.0
400	KHz	-68.8	-36.1	-67.4	-34.8
600	KHz	-78.8	-46.2	-77.9	-45.3
800	KHz	-79.9	-47.3	-81.4	-48.7
1000	KHz	-83.4	-50.8	-81.2	-48.5
1200	KHz	-83.4	-50.7	-82.1	-49.4
1400	KHz	-82.3	-49.7	-83.4	-50.7
1600	KHz	-82.4	-49.8	-83.2	-50.6
1800	KHz	-76.0	-43.3	-78.0	-45.3

CENTER 1.9646000 GHz

#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz

#SWP 320 µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

TWO CARRIER WITH COMBINER

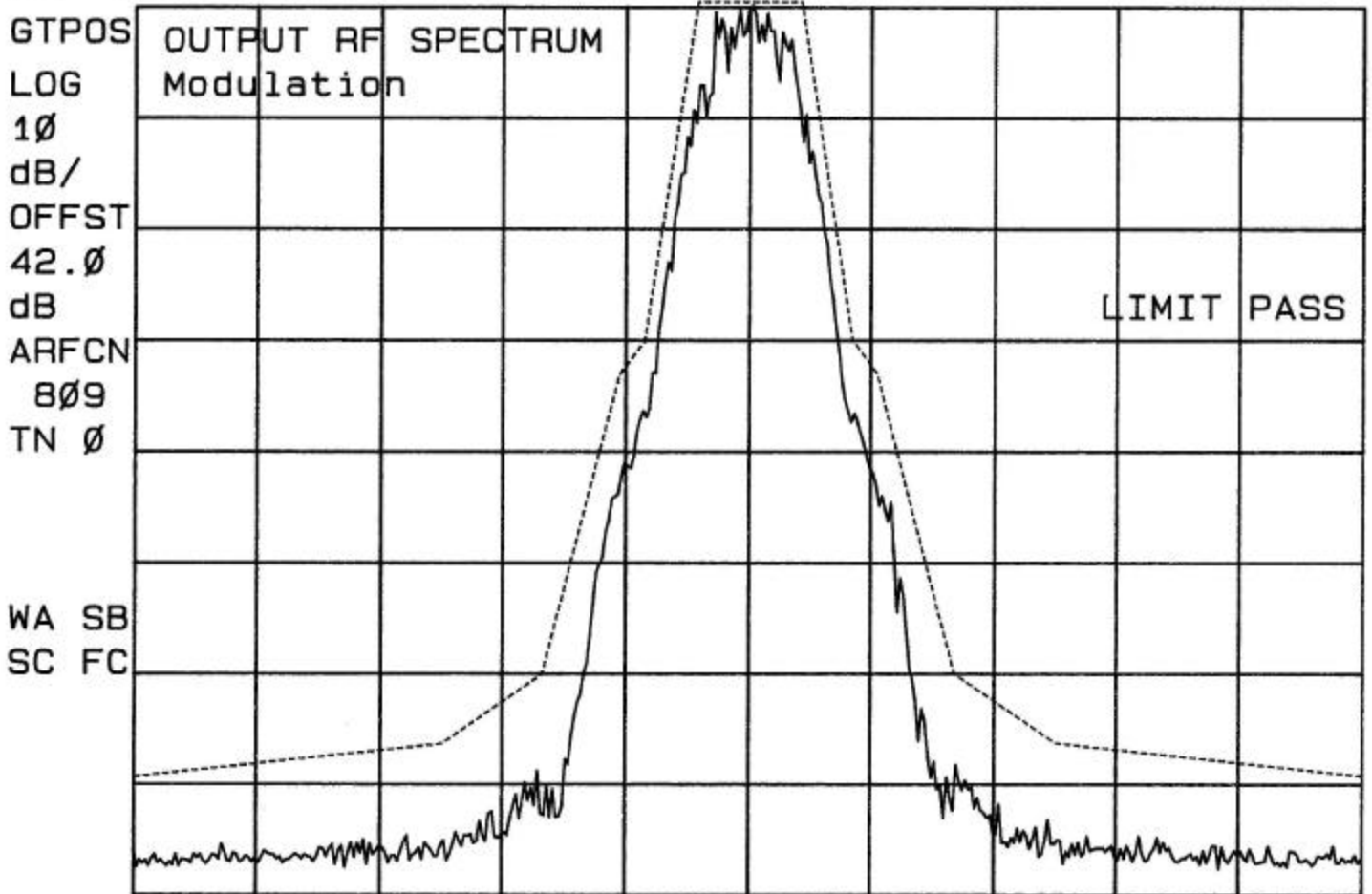
BLOCK C

(1975 – 1990 MHz)

Left Edge:	1975.4 MHz (Channel 738)
Center:	1984.6 MHz (Channel 784)
Right Edge:	1989.6 MHz (Channel 809)

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.2 dBm #AT 10 dB



CENTER 1.989600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 40.0 dBm #AT 10 dB

GTSMPL		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST	42.0	0	KHz	0.0	33.1	0.0	33.1
	dB	100	KHz	-9.7	23.5	-8.0	25.1
ARFCN	738	200	KHz	-37.6	-4.5	-36.4	-3.3
TN	0	250	KHz	-40.5	-7.4	-44.2	-11.1
BURST	1	400	KHz	-71.8	-38.6	-70.9	-37.8
		600	KHz	-82.5	-49.3	-77.4	-44.3
		800	KHz	-82.0	-48.8	-82.2	-49.1
		1000	KHz	-82.8	-49.7	-83.9	-50.7
		1200	KHz	-81.7	-48.5	-83.3	-50.1
SA SB		1400	KHz	-80.5	-47.3	-80.7	-47.6
SC EC		1600	KHz	-85.2	-52.0	-83.4	-50.3
		1800	KHz	-79.1	-46.0	-77.1	-44.0

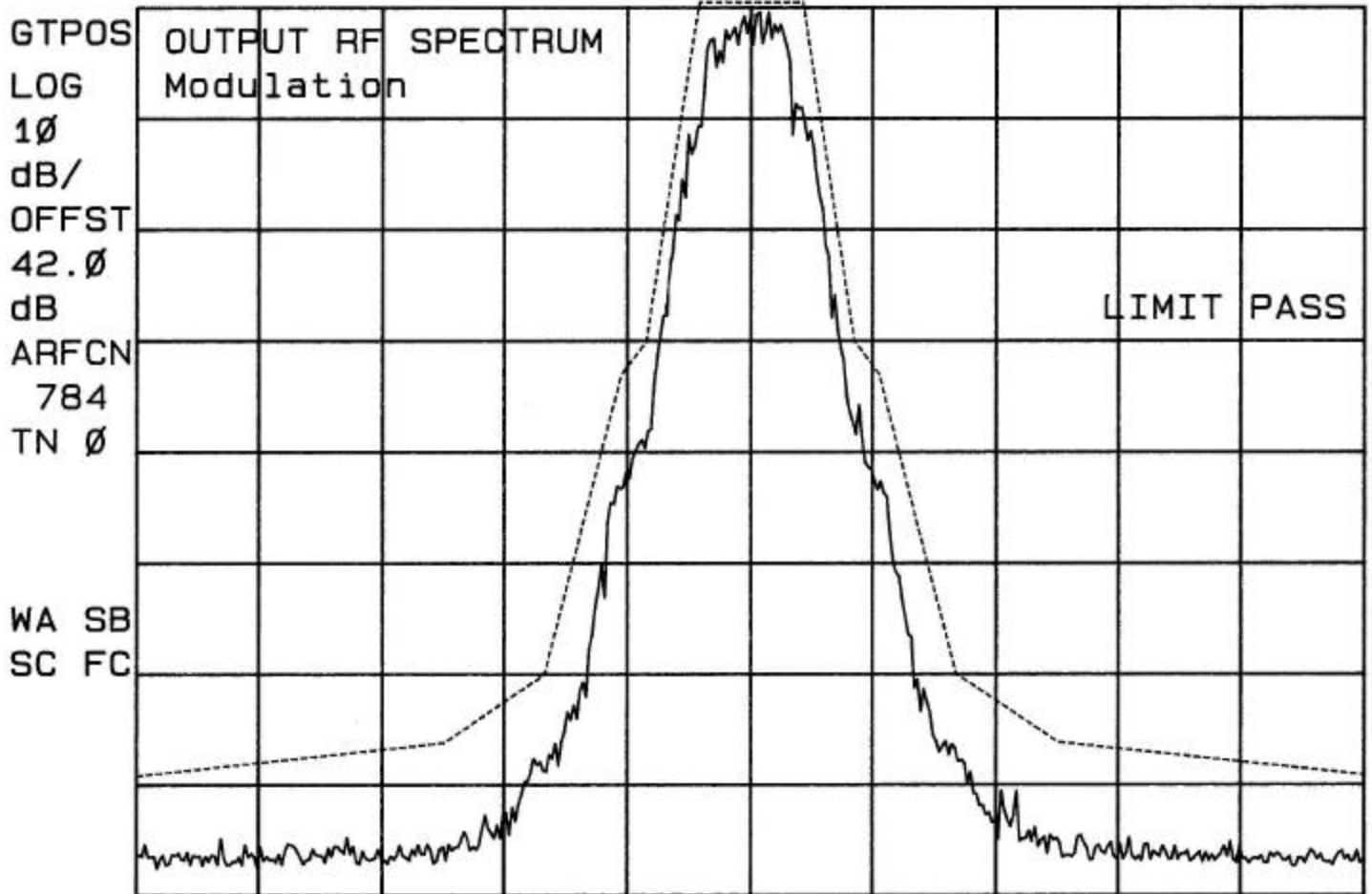
CENTER 1.9754000 GHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz
#SWP 320 µsec

08 MAY 2000

~~hp~~ Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.1 dBm #AT 10 dB



CENTER 1.984600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.0 dBm #AT 10 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
784
TN 0
BURST
1
SA SB
SC EC

OUTPUT RF SPECTRUM						
Modulation						
		- Offset		+ Offset		
Offset	Freq	dB	dBm	dB	dBm	
0	KHz	0.0	32.7	0.0	32.7	
100	KHz	-10.8	21.9	-8.8	23.9	
200	KHz	-36.3	-3.6	-35.6	-2.9	
250	KHz	-42.6	-9.9	-43.7	-11.1	
400	KHz	-67.8	-35.1	-71.2	-38.5	
600	KHz	-79.5	-46.8	-77.0	-44.3	
800	KHz	-80.8	-48.2	-80.2	-47.5	
1000	KHz	-80.2	-47.6	-79.6	-46.9	
1200	KHz	-81.2	-48.6	-82.3	-49.6	
1400	KHz	-84.9	-52.2	-84.9	-52.2	
1600	KHz	-81.6	-48.9	-82.8	-50.2	
1800	KHz	-76.7	-44.0	-77.0	-44.3	

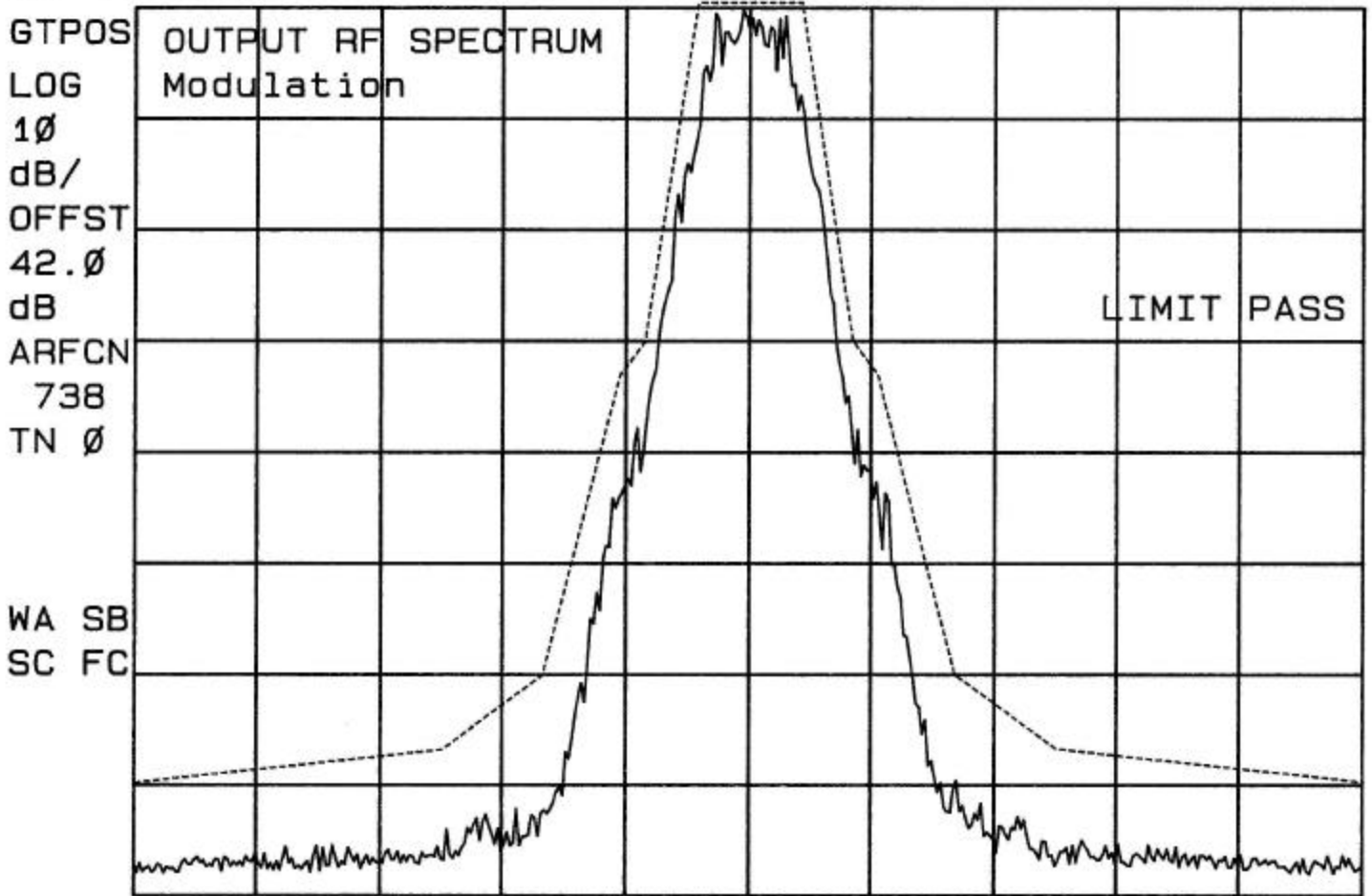
CENTER 1.9846000 GHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz
#SWP 320 µsec

08 MAY 2000

~~hp~~ Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.7 dBm #AT 10 dB



CENTER 1.975400 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.6 dBm #AT 10 dB

GTSMPL		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/	Offset	Freq	dB	dBm	dB	dBm	
OFFST	0	KHz	0.0	32.6	0.0	32.6	
42.0	100	KHz	-12.2	20.4	-10.0	22.6	
dB	200	KHz	-36.1	-3.5	-37.4	-4.8	
ARFCN	250	KHz	-41.1	-8.5	-41.3	-8.7	
809	400	KHz	-72.0	-39.4	-73.0	-40.4	
TN 0	600	KHz	-80.3	-47.6	-82.1	-49.5	
BURST	800	KHz	-79.5	-46.9	-81.0	-48.4	
1	1000	KHz	-81.1	-48.5	-85.3	-52.6	
SA SB	1200	KHz	-81.8	-49.2	-82.7	-50.0	
SC EC	1400	KHz	-80.6	-48.0	-82.8	-50.2	
	1600	KHz	-82.9	-50.3	-81.9	-49.3	
	1800	KHz	-76.7	-44.1	-76.9	-44.3	

CENTER 1.9896000 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 0 Hz
#SWP 320 μsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

TWO CARRIER WITH COMBINER

BLOCK D

(1945 – 1950 MHz)

Left Edge:	1945.4 MHz (Channel 588)
Center:	1947.6 MHz (Channel 599)
Right Edge:	1949.6 MHz (Channel 609)

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 40.3 dBm #AT 10 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	32.6	0.0	32.6
42.0		100	KHz	-7.1	25.5	-8.3	24.3
dB		200	KHz	-37.1	-4.5	-37.1	-4.6
ARFCN		250	KHz	-39.5	-7.0	-43.4	-10.8
599		400	KHz	-72.1	-39.5	-72.3	-39.7
TN 0		600	KHz	-79.4	-46.8	-78.9	-46.3
BURST		800	KHz	-77.8	-45.2	-78.8	-46.2
1		1000	KHz	-83.5	-50.9	-81.6	-49.0
SA SB		1200	KHz	-80.8	-48.2	-82.0	-49.5
SC EC		1400	KHz	-84.1	-51.5	-83.8	-51.2
		1600	KHz	-81.4	-48.8	-82.3	-49.8
		1800	KHz	-77.8	-45.2	-77.7	-45.1

CENTER 1.9476000 GHz

#RES BW 30 kHz

#VBW 30 kHz

SPAN 0 Hz

#SWP 320 μsec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.8 dBm #AT 10 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	32.1	0.0	32.1
42.0		100	KHz	-5.9	26.3	-8.5	23.6
dB		200	KHz	-34.4	-2.2	-35.8	-3.7
ARFCN		250	KHz	-41.0	-8.9	-40.8	-8.7
588		400	KHz	-73.7	-41.6	-70.6	-38.5
TN 0		600	KHz	-80.0	-47.8	-79.7	-47.6
BURST		800	KHz	-80.8	-48.6	-80.8	-48.6
1		1000	KHz	-81.3	-49.2	-83.2	-51.0
SA SB		1200	KHz	-82.5	-50.4	-81.7	-49.5
SC EC		1400	KHz	-80.4	-48.2	-83.0	-50.9
		1600	KHz	-82.7	-50.6	-81.5	-49.4
		1800	KHz	-76.5	-44.3	-77.5	-45.3

CENTER 1.9454000 GHz

#RES BW 30 KHz

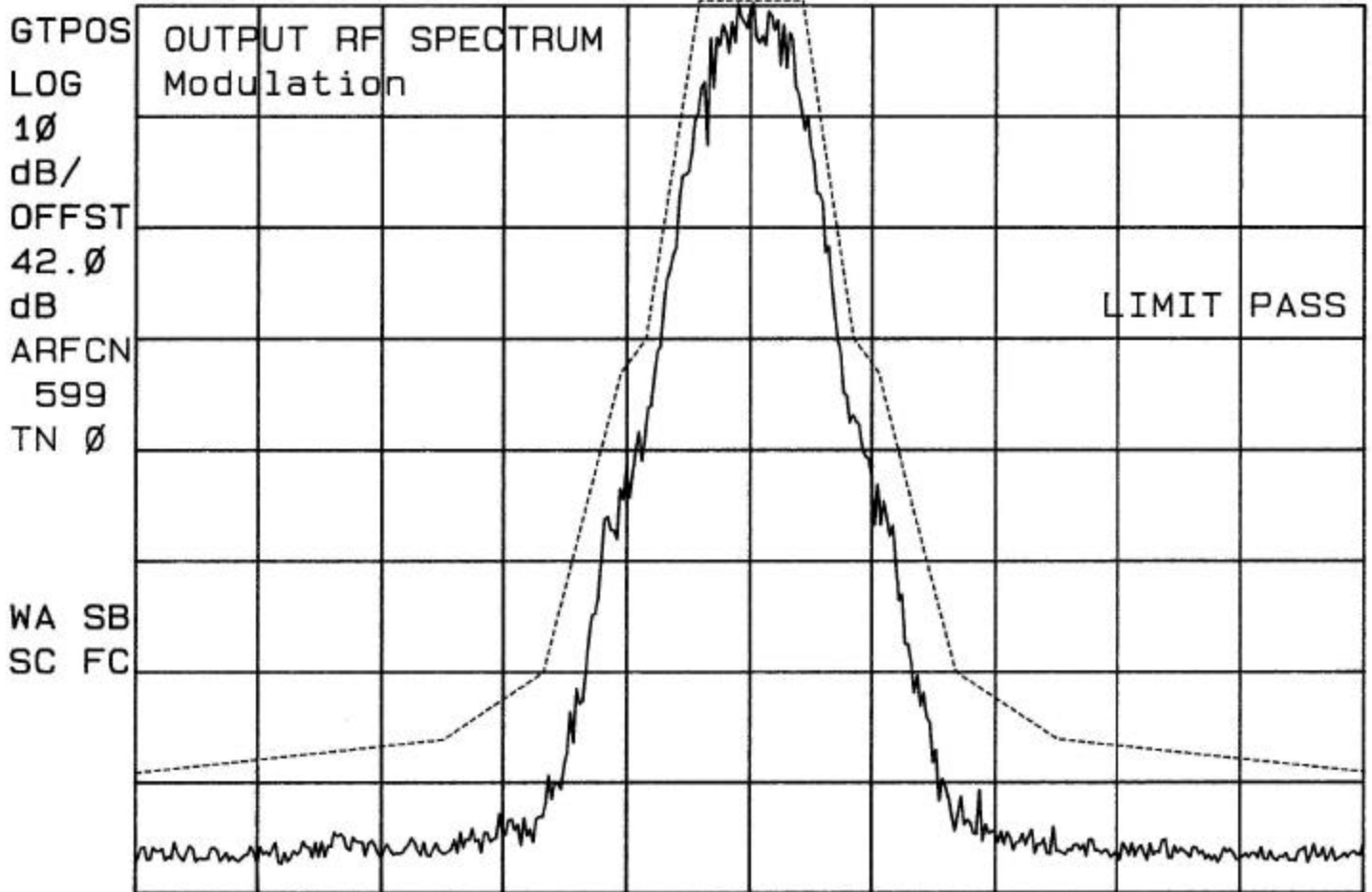
#VBW 30 KHz

SPAN 0 Hz

#SWP 320 μsec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.1 dBm #AT 10 dB



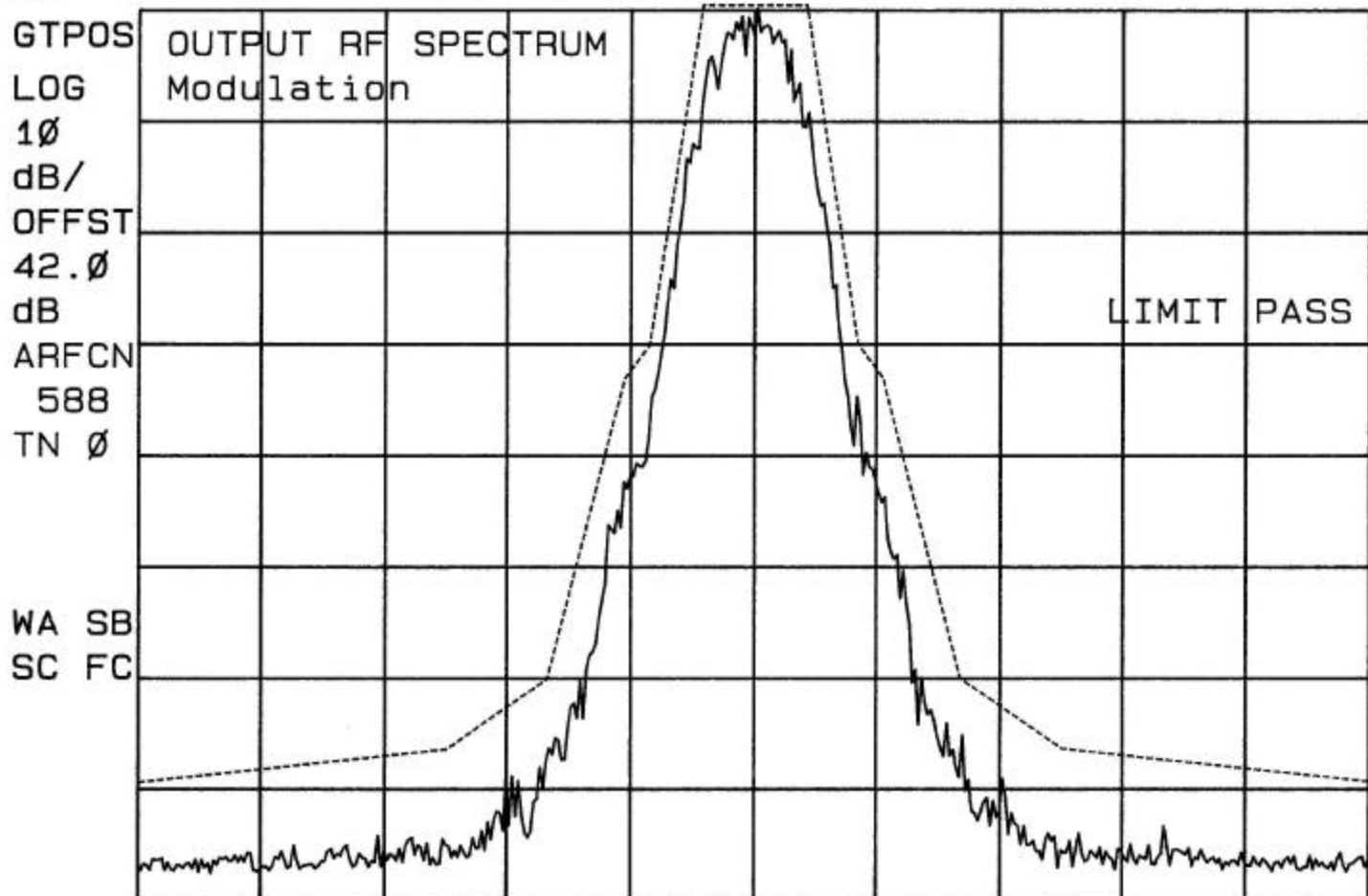
CENTER 1.947600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.3 dBm #AT 10 dB



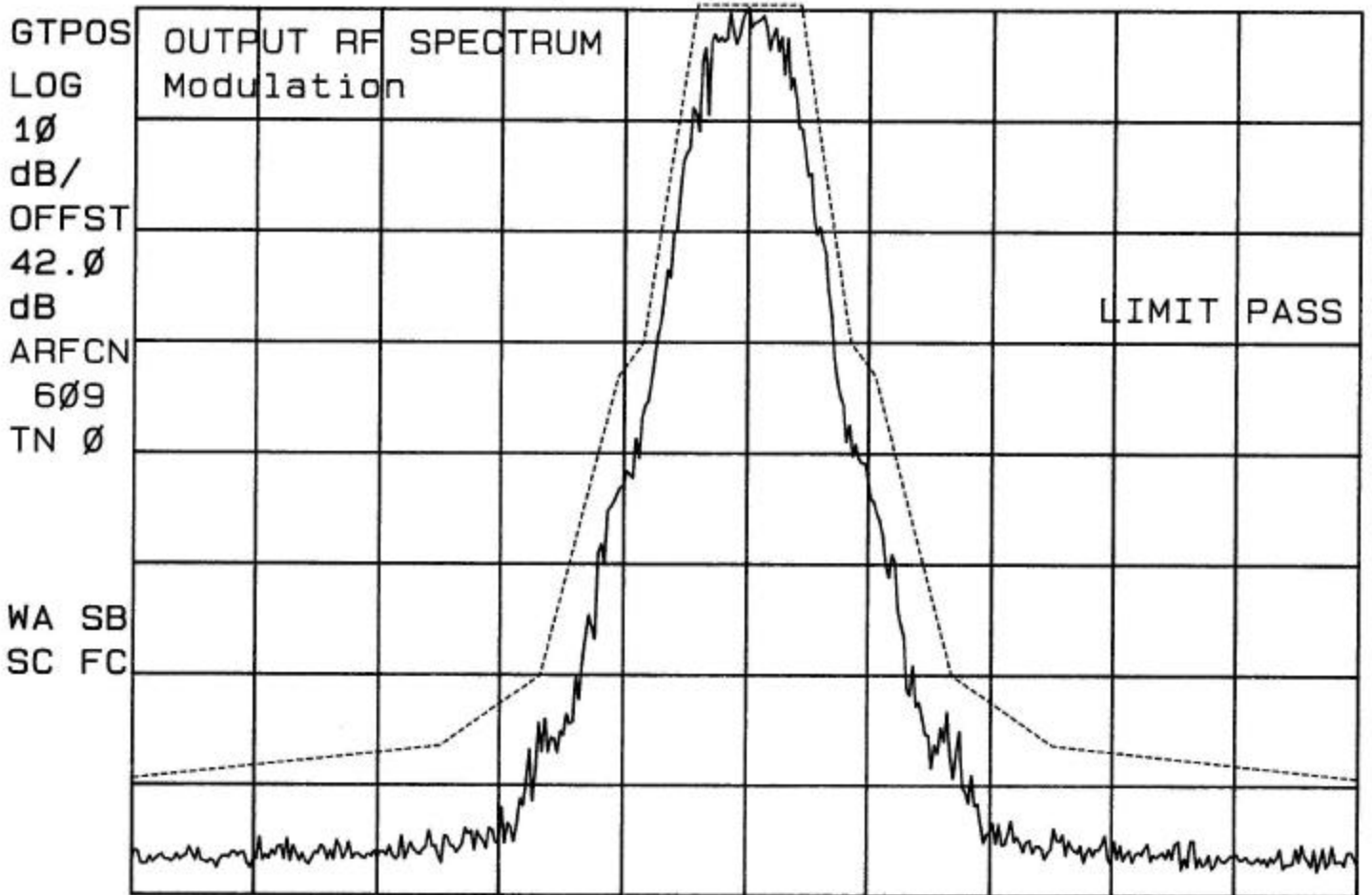
CENTER 1.945400 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

~~hp~~ Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.4 dBm #AT 10 dB



CENTER 1.949600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.0 dBm #AT 10 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST	42.0	0	KHz	0.0	32.8	0.0	32.8
		100	KHz	-10.1	22.7	-10.9	22.0
		200	KHz	-37.8	-5.0	-37.3	-4.5
ARFCN	609	250	KHz	-40.5	-7.7	-44.7	-11.9
		400	KHz	-75.2	-42.3	-76.0	-43.1
TN	0	600	KHz	-80.2	-47.4	-77.8	-44.9
BURST	1	800	KHz	-79.7	-46.9	-81.2	-48.3
		1000	KHz	-82.5	-49.7	-83.2	-50.4
		1200	KHz	-82.4	-49.5	-83.2	-50.3
SA SB		1400	KHz	-83.5	-50.7	-79.0	-46.1
SC EC		1600	KHz	-78.9	-46.1	-81.7	-48.9
		1800	KHz	-76.2	-43.4	-77.2	-44.4

CENTER 1.9496000 GHz

#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz

#SWP 320 µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

TWO CARRIER WITH COMBINER

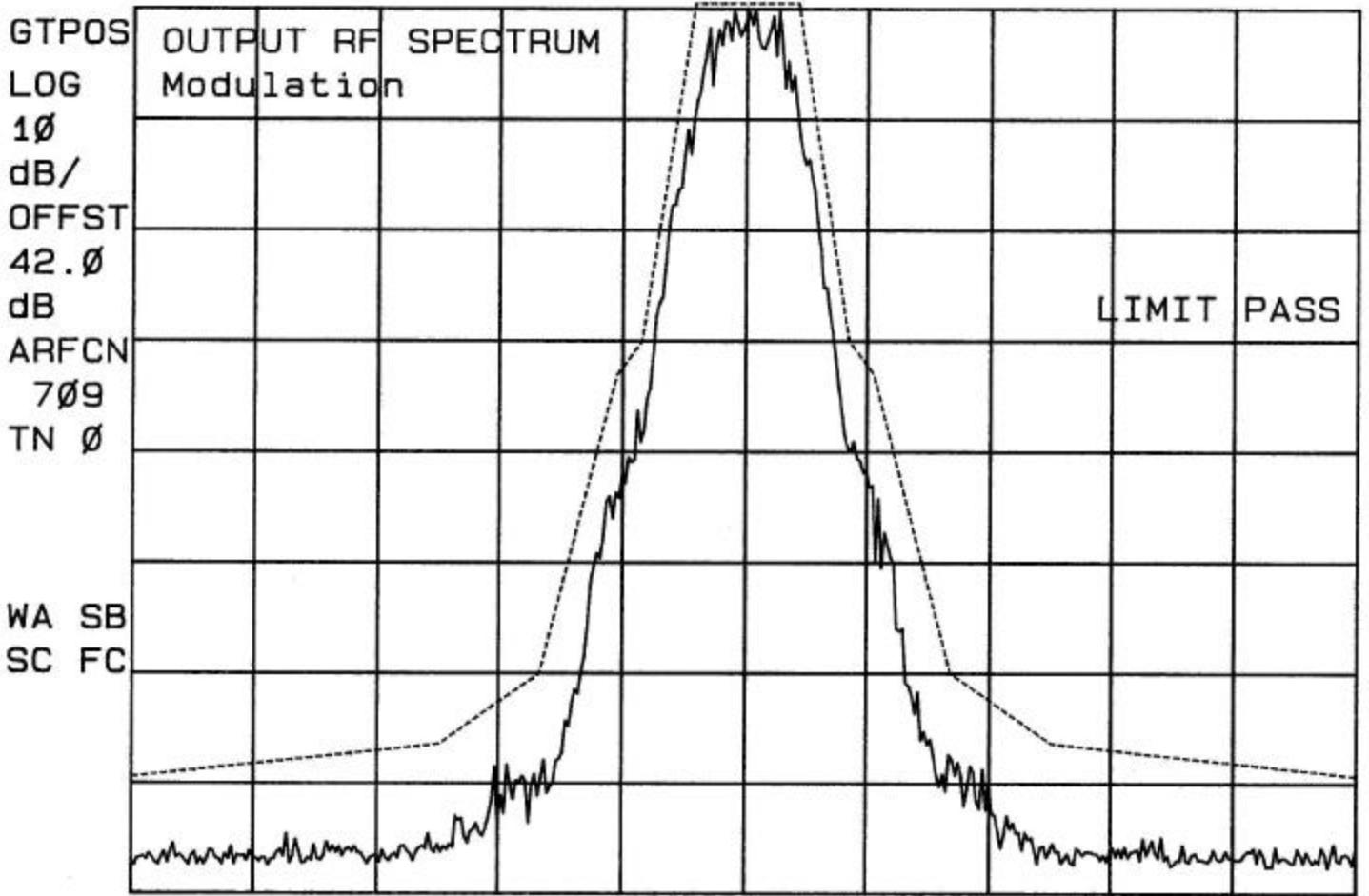
BLOCK E

(1965 – 1970 MHz)

Left Edge:	1965.4 MHz (Channel 688)
Center:	1967.6 MHz (Channel 699)
Right Edge:	1969.6 MHz (Channel 709)

08 MAY 2000

~~h~~ Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.4 dBm #AT 10 dB



CENTER 1.969600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 40.0 dBm #AT 10 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	33.2	0.0	33.2
42.0		100	KHz	-6.9	26.3	-10.5	22.6
dB		200	KHz	-37.5	-4.3	-37.8	-4.7
ARFCN		250	KHz	-42.0	-8.9	-43.4	-10.2
688		400	KHz	-72.0	-38.8	-72.3	-39.1
TN 0		600	KHz	-78.9	-45.8	-78.6	-45.4
BURST		800	KHz	-79.7	-46.6	-80.5	-47.4
1		1000	KHz	-80.8	-47.6	-79.5	-46.3
SA SB		1200	KHz	-85.3	-52.2	-81.5	-48.4
SC EC		1400	KHz	-81.6	-48.4	-84.3	-51.1
		1600	KHz	-80.8	-47.6	-82.4	-49.2
		1800	KHz	-76.0	-42.9	-77.8	-44.7

CENTER 1.9654000 GHz

#RES BW 30 kHz

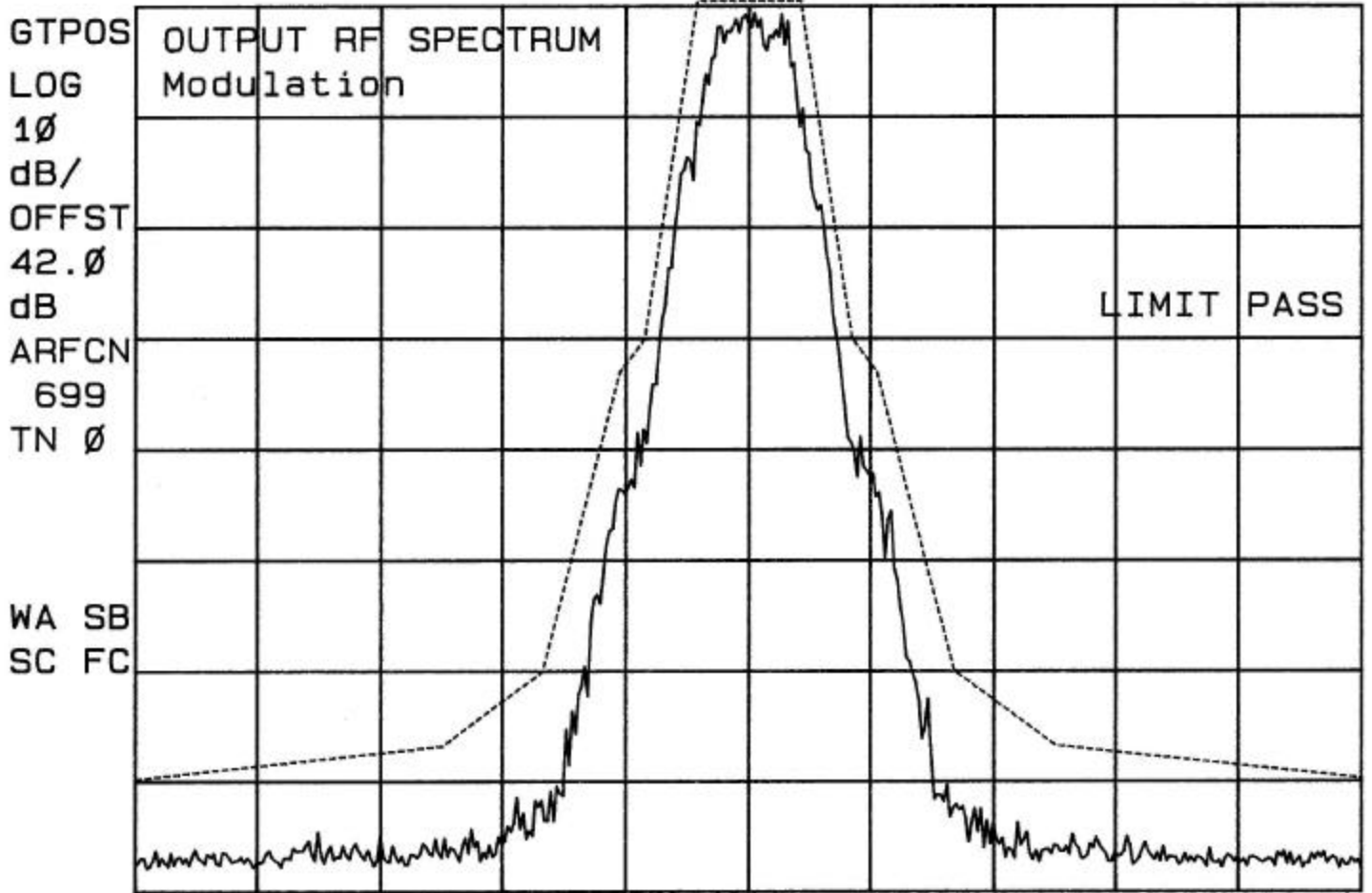
#VBW 30 kHz

SPAN 0 Hz

#SWP 320 μsec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.7 dBm #AT 10 dB



CENTER 1.967600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 40.0 dBm #AT 10 dB

GTSMP
LOG
10
dB/
OFFST
42.0
dB
ARFCN
699
TN 0
BURST
1
SA SB
SC EC

OUTPUT RF SPECTRUM						
Modulation						
		- Offset		+ Offset		
Offset	Freq	dB	dBm	dB	dBm	
0	KHz	0.0	32.6	0.0	32.6	
100	KHz	-7.2	25.4	-10.4	22.3	
200	KHz	-36.9	-4.3	-37.6	-4.9	
250	KHz	-42.6	-10.0	-41.4	-8.7	
400	KHz	-70.6	-38.0	-69.3	-36.7	
600	KHz	-79.7	-47.1	-80.5	-47.9	
800	KHz	-81.0	-48.4	-79.8	-47.2	
1000	KHz	-79.7	-47.1	-81.6	-48.9	
1200	KHz	-82.6	-49.9	-80.4	-47.8	
1400	KHz	-81.7	-49.1	-80.0	-47.4	
1600	KHz	-81.4	-48.7	-81.7	-49.1	
1800	KHz	-78.0	-45.3	-78.4	-45.8	

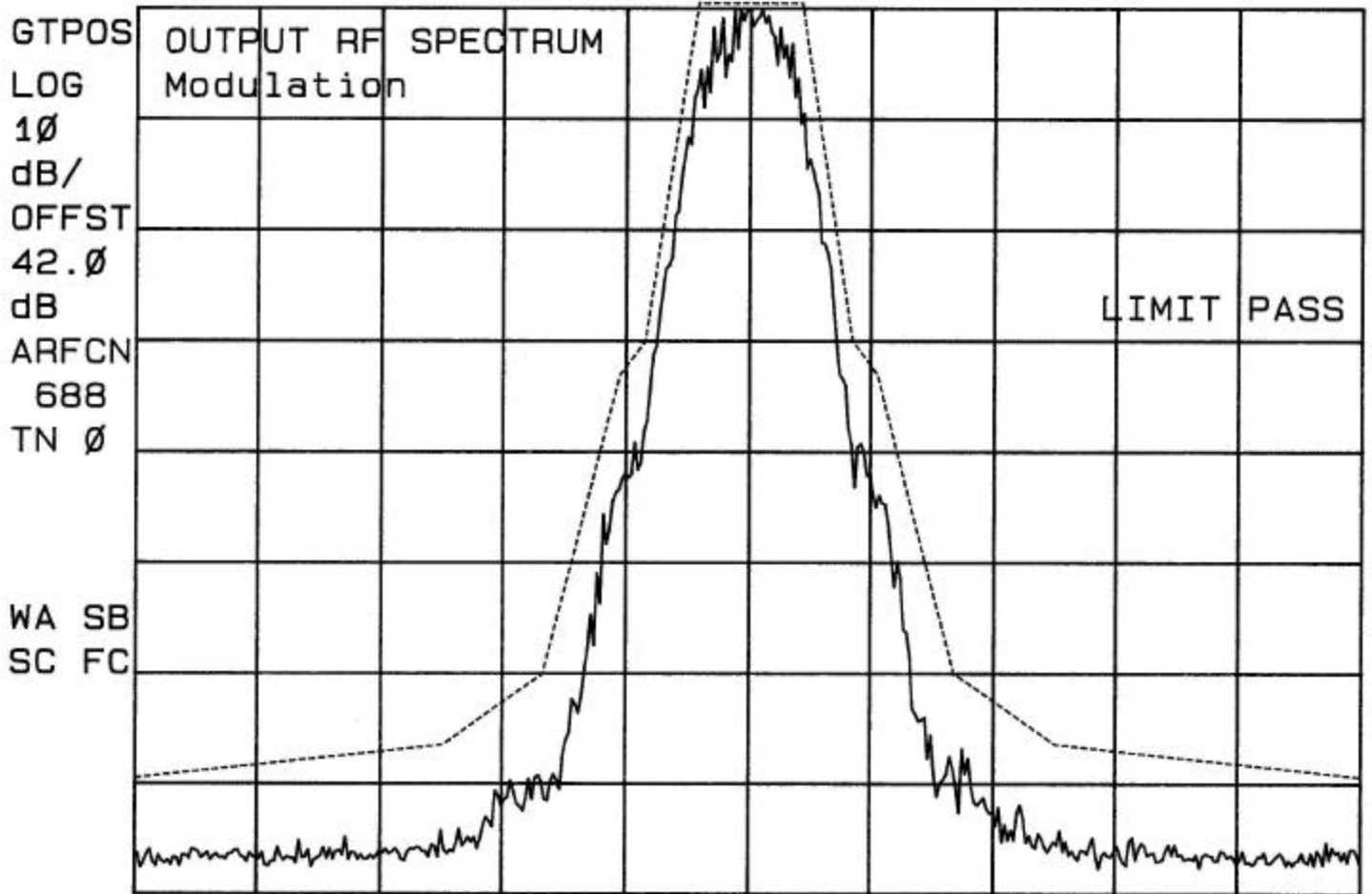
CENTER 1.9676000 GHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz
#SWP 320 µsec

08 MAY 2000

~~h~~ Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.4 dBm #AT 10 dB



CENTER 1.965400 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 40.1 dBm #AT 10 dB

GTSMPL		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		-----					
42.0		0	KHz	0.0	32.5	0.0	32.5
		100	KHz	-7.8	24.6	-7.3	25.2
		200	KHz	-38.7	-6.3	-37.0	-4.6
		250	KHz	-40.7	-8.2	-42.7	-10.3
		400	KHz	-72.9	-40.4	-72.4	-40.0
		600	KHz	-76.9	-44.5	-79.4	-46.9
		800	KHz	-80.8	-48.3	-77.3	-44.8
		1000	KHz	-81.5	-49.0	-82.7	-50.3
		1200	KHz	-82.9	-50.5	-81.1	-48.6
		1400	KHz	-79.0	-46.5	-83.3	-50.9
		1600	KHz	-80.2	-47.7	-81.5	-49.1
		1800	KHz	-78.0	-45.6	-77.2	-44.8

CENTER 1.9696000 GHz

#RES BW 30 KHz

#VBW 30 KHz

SPAN 0 Hz

#SWP 320 µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

TWO CARRIER WITH COMBINER

BLOCK F

(1970 – 1975 MHz)

Left Edge:	1970.4 MHz (Channel 713)
Center:	1972.6 MHz (Channel 724)
Right Edge:	1974.6 MHz (Channel 734)

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 38.8 dBm #AT 10 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	33.0	0.0	33.0
42.0		100	KHz	-8.4	24.6	-9.3	23.7
dB		200	KHz	-35.3	-2.4	-35.3	-2.4
ARFCN		250	KHz	-41.0	-8.0	-44.3	-11.4
713		400	KHz	-74.2	-41.2	-73.9	-41.0
TN 0		600	KHz	-78.7	-45.7	-80.4	-47.4
BURST		800	KHz	-81.4	-48.4	-81.8	-48.8
1		1000	KHz	-80.8	-47.8	-81.5	-48.5
SA SB		1200	KHz	-82.4	-49.4	-82.2	-49.2
SC EC		1400	KHz	-82.5	-49.5	-84.4	-51.4
		1600	KHz	-81.3	-48.3	-82.6	-49.6
		1800	KHz	-77.5	-44.6	-76.9	-43.9

CENTER 1.9704000 GHz

#RES BW 30 kHz

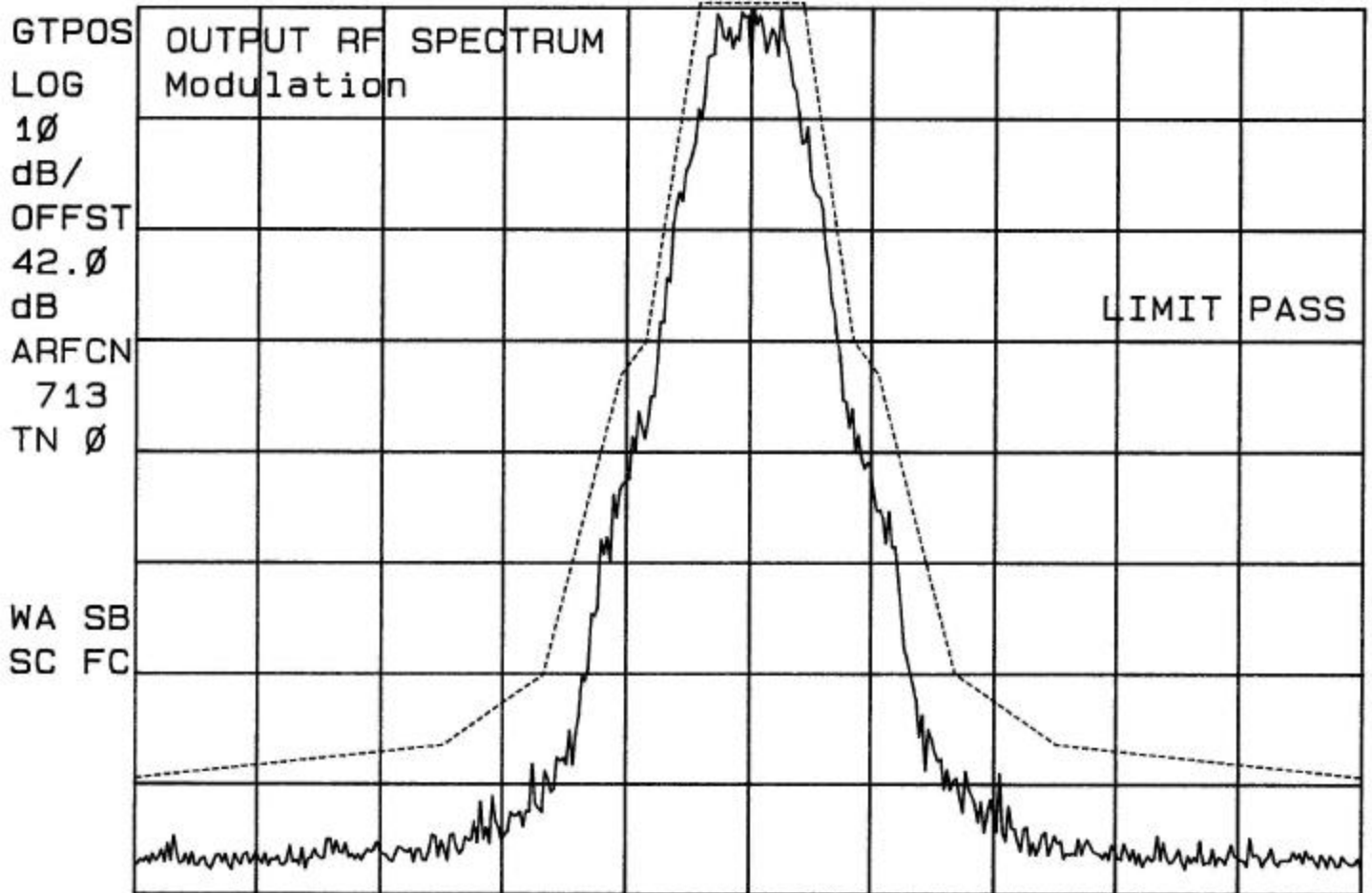
#VBW 30 kHz

SPAN 0 Hz

#SWP 320 µsec

08 MAY 2000

~~h~~ Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.4 dBm #AT 10 dB



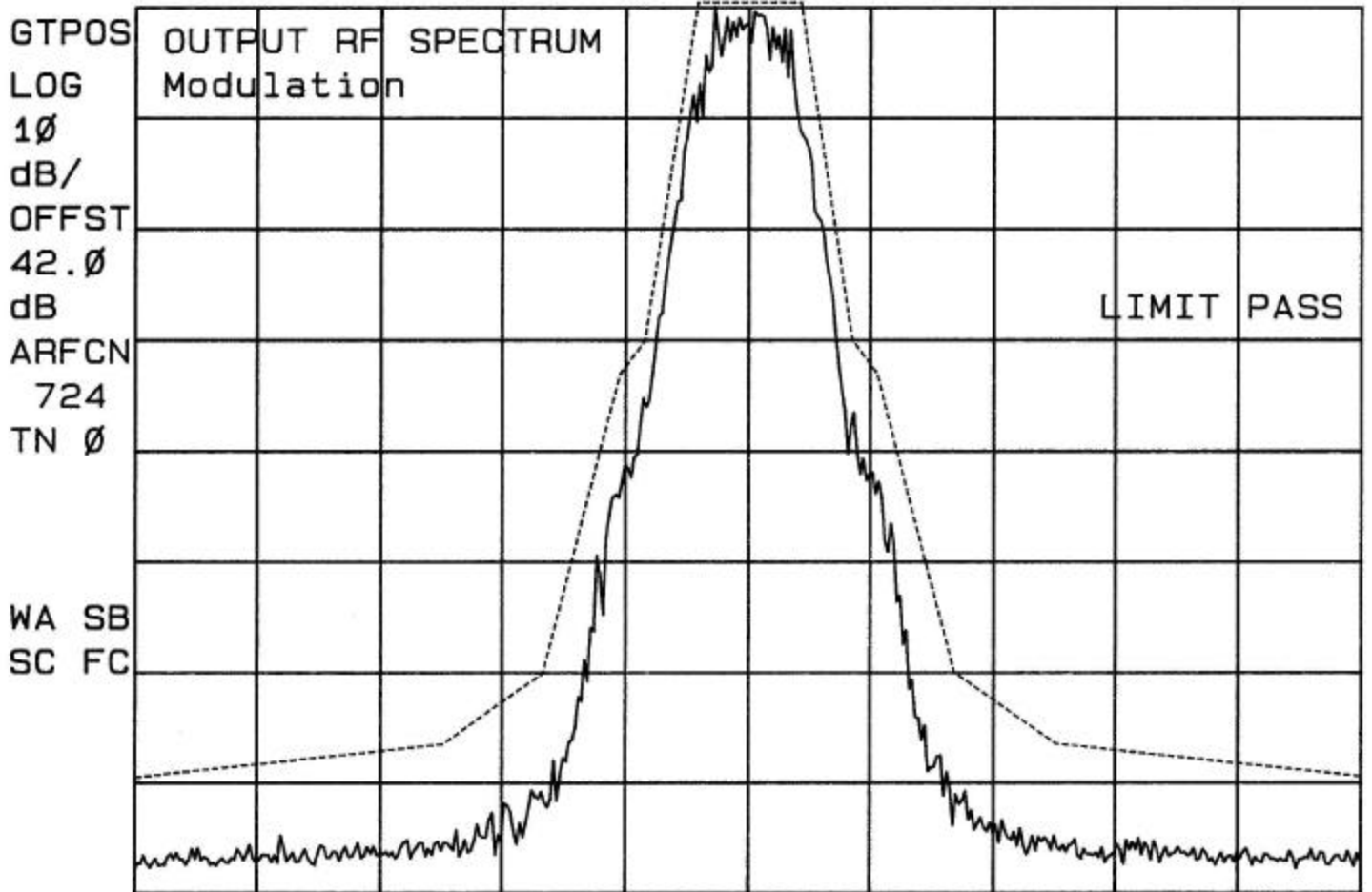
CENTER 1.970400 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.4 dBm #AT 10 dB



CENTER 1.972600 GHz
#RES BW 30 KHz

#VBW 30 KHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 38.8 dBm #AT 10 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	33.1	0.0	33.1
42.0		100	KHz	-9.0	24.1	-9.8	23.4
dB		200	KHz	-36.1	-3.0	-37.0	-3.8
ARFCN		250	KHz	-43.8	-10.7	-44.1	-11.0
724		400	KHz	-73.1	-40.0	-69.9	-36.8
TN 0		600	KHz	-80.0	-46.8	-81.3	-48.1
BURST		800	KHz	-82.0	-48.9	-80.2	-47.0
1		1000	KHz	-82.3	-49.1	-85.1	-51.9
SA SB		1200	KHz	-84.4	-51.3	-80.8	-47.6
SC EC		1400	KHz	-81.1	-48.0	-81.5	-48.4
		1600	KHz	-82.5	-49.4	-84.9	-51.7
		1800	KHz	-77.4	-44.2	-78.6	-45.5

CENTER 1.9726000 GHz

#RES BW 30 KHz

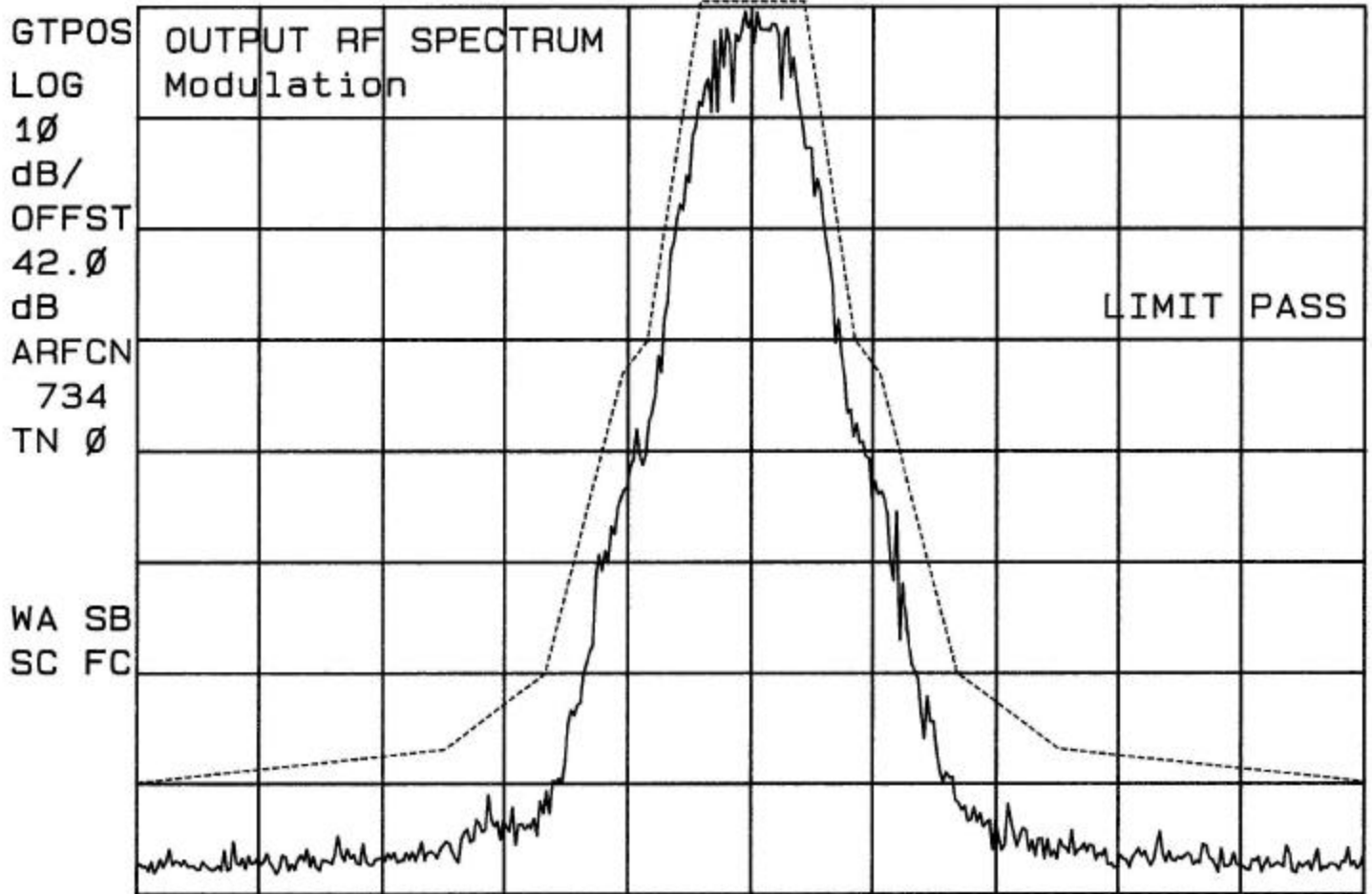
#VBW 30 KHz

SPAN 0 Hz

#SWP 320 µsec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 39.8 dBm #AT 10 dB



CENTER 1.974600 GHz
#RES BW 30 kHz

#VBW 30 kHz

SPAN 2.400 MHz
#SWP 2.00 sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-01
REF 40.0 dBm #AT 10 dB

GTSMP		OUTPUT RF SPECTRUM					
LOG		Modulation					
10		- Offset			+ Offset		
dB/		Offset	Freq	dB	dBm	dB	dBm
OFFST		0	KHz	0.0	32.8	0.0	32.8
42.0		100	KHz	-7.1	25.7	-9.6	23.1
dB		200	KHz	-36.7	-3.9	-37.0	-4.2
ARFCN		250	KHz	-45.4	-12.6	-44.4	-11.6
734		400	KHz	-71.6	-38.8	-72.7	-39.9
TN 0		600	KHz	-79.1	-46.4	-80.9	-48.1
BURST		800	KHz	-77.5	-44.8	-82.3	-49.5
1		1000	KHz	-79.5	-46.7	-81.8	-49.0
SA SB		1200	KHz	-82.5	-49.7	-81.1	-48.3
SC EC		1400	KHz	-82.2	-49.4	-82.8	-50.0
		1600	KHz	-81.0	-48.3	-83.1	-50.3
		1800	KHz	-78.0	-45.3	-77.9	-45.1

CENTER 1.9746000 GHz

#RES BW 30 kHz

#VBW 30 kHz

SPAN 0 Hz

#SWP 320 μsec