MEASUREMENT OF OCCUPIED BANDWIDTH

CONTINUES AFTER MEASUREMENT 3A DATA

SECTION 2.1049 – Measurement 3B

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

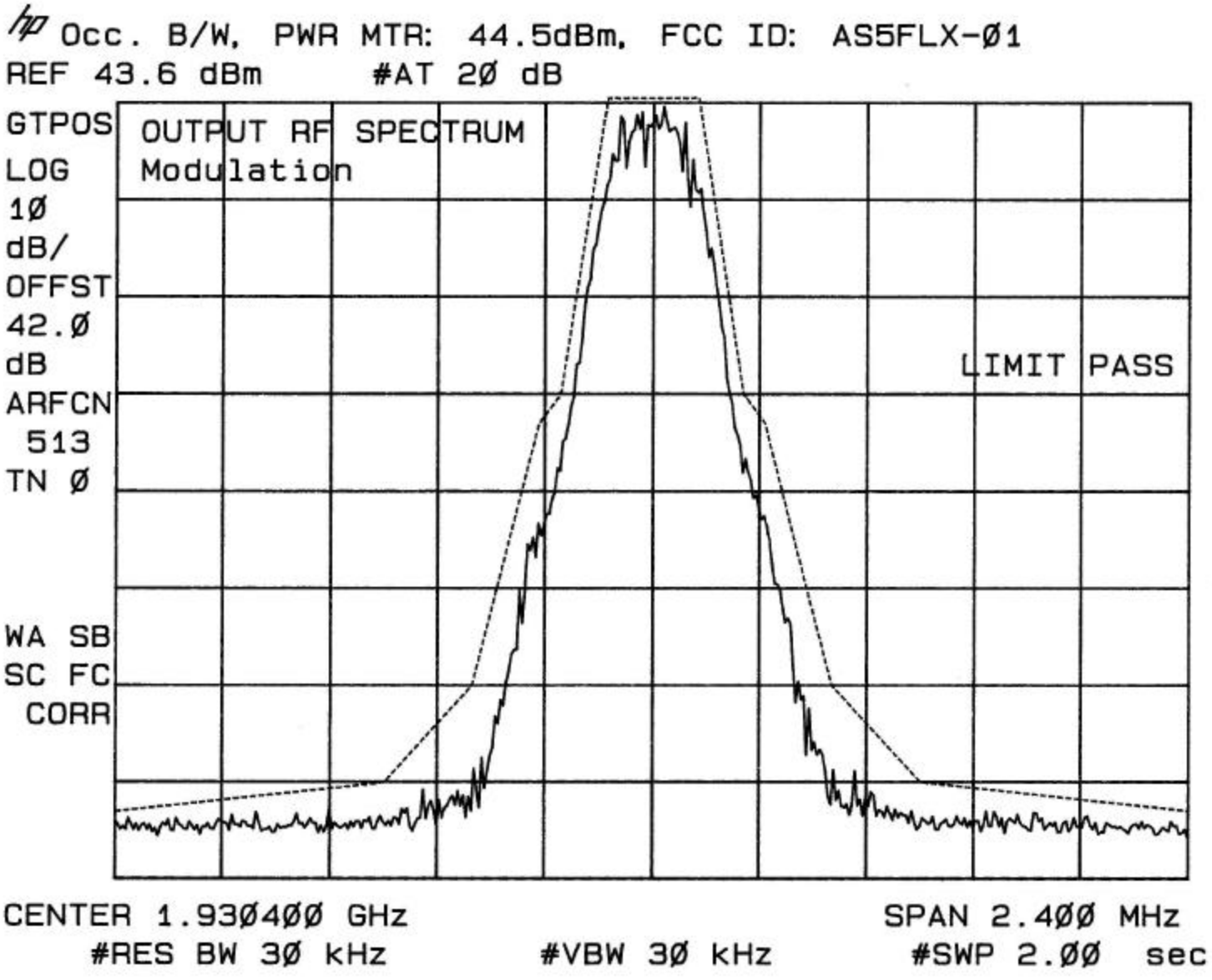
SINGLE CARRIER WITHOUT COMBINER

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


Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1
REF 43.6 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
513
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CORR
CENTER 1.93Ø4ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1

REF 44.3 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
513
TN Ø
BURST
1

SA SB
SC EC
CORR

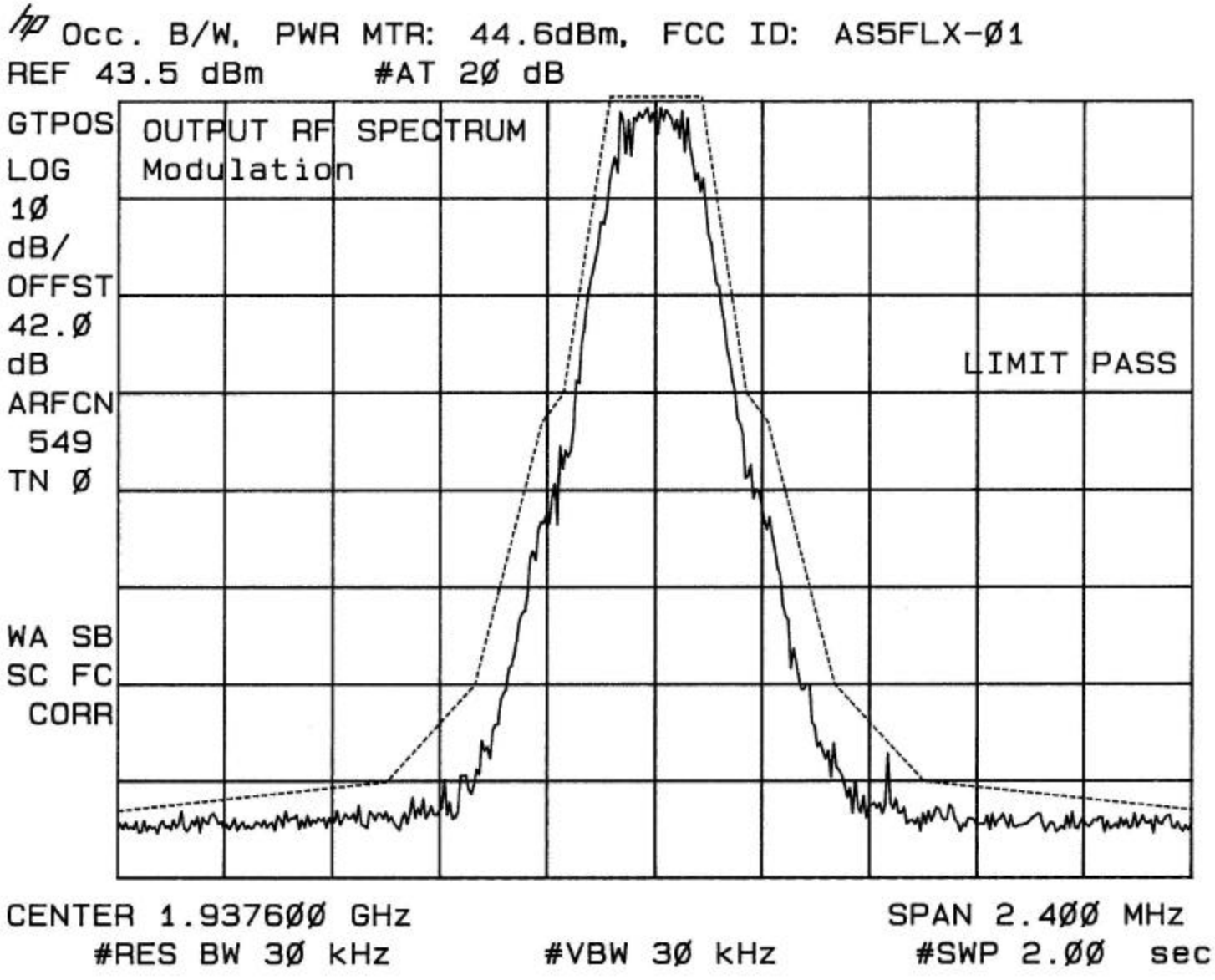
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	36.4	Ø.Ø	36.4
1ØØ kHz	-8.3	28.Ø	-9.3	27.1
2ØØ kHz	-36.9	-Ø.6	-34.3	2.Ø
25Ø kHz	-39.7	-3.4	-43.4	-7.Ø
4ØØ kHz	-69.2	-32.9	-7Ø.3	-33.9
6ØØ kHz	-75.4	-39.1	-72.4	-36.Ø
8ØØ kHz	-74.4	-38.1	-75.9	-39.5
1ØØØ kHz	-79.4	-43.Ø	-77.Ø	-4Ø.6
12ØØ kHz	-78.3	-41.9	-82.2	-45.9
14ØØ kHz	-73.4	-37.1	-77.2	-4Ø.9
16ØØ kHz	-76.4	-4Ø.1	-8Ø.Ø	-43.7
18ØØ kHz	-73.3	-37.Ø	-7Ø.7	-34.3

CENTER 1.93Ø4ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1
REF 43.5 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
549
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CORR
CENTER 1.937ØØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1

REF 43.8 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
549
TN Ø
BURST
1

SA SB
SC EC
CORR

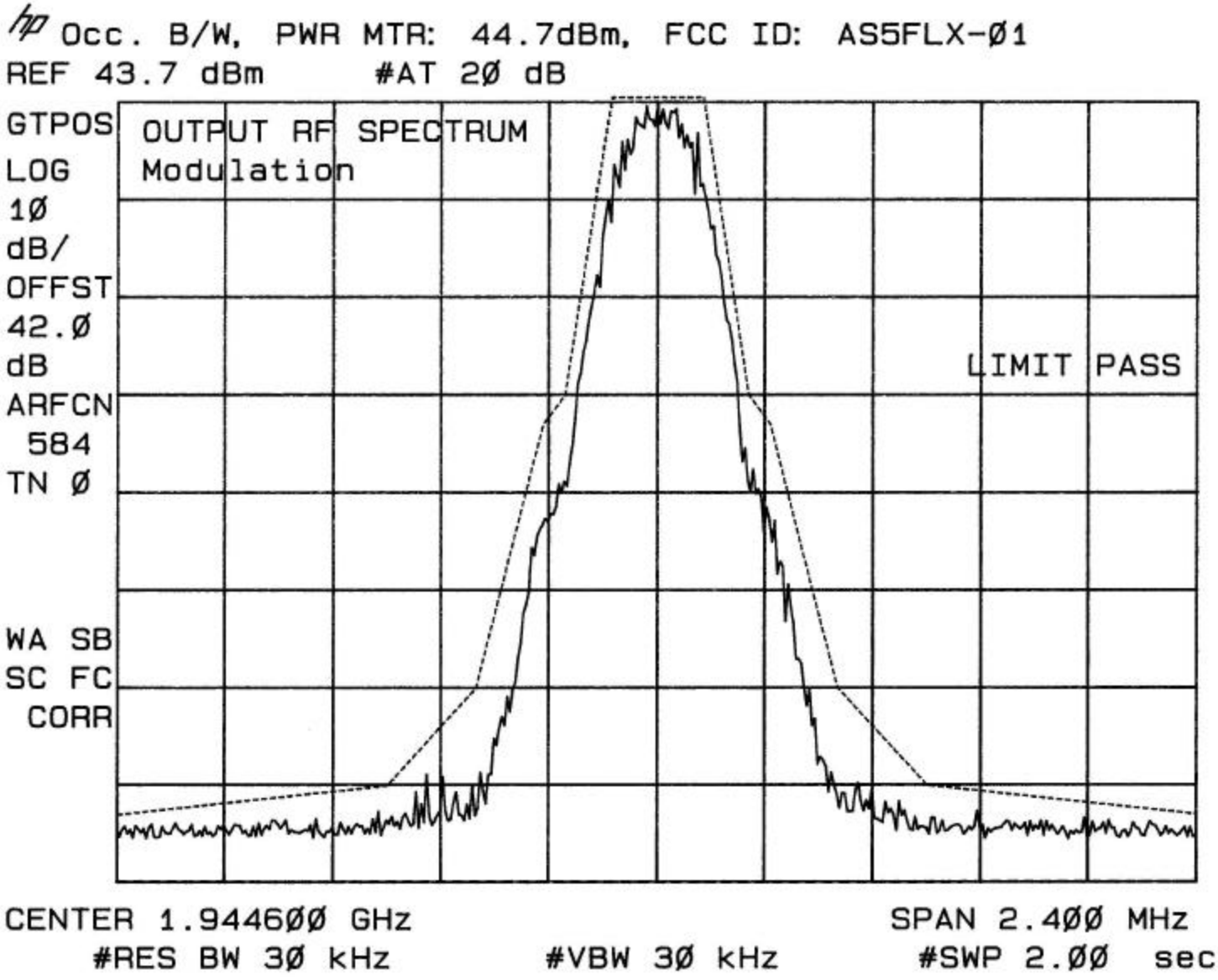
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	36.3	Ø.Ø	36.3
1ØØ kHz	-7.Ø	29.3	-6.7	29.6
2ØØ kHz	-37.2	-Ø.9	-35.1	1.2
25Ø kHz	-4Ø.5	-4.2	-39.6	-3.3
4ØØ kHz	-7Ø.5	-34.3	-69.5	-33.2
6ØØ kHz	-78.7	-42.4	-76.4	-4Ø.1
8ØØ kHz	-74.2	-37.9	-76.9	-4Ø.6
1ØØØ kHz	-78.5	-42.2	-75.9	-39.6
12ØØ kHz	-75.6	-39.4	-78.5	-42.2
14ØØ kHz	-77.7	-41.4	-79.5	-43.2
16ØØ kHz	-78.1	-41.8	-79.1	-42.9
18ØØ kHz	-73.1	-36.8	-72.5	-36.2

CENTER 1.9376ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-Ø1
REF 43.7 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
584
TN Ø
WA SB
SC FC
CORR
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.944ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-Ø1

REF 43.8 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
584
TN Ø
BURST
1

SA SB
SC EC
CORR

OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	36.8	Ø.Ø	36.8
1ØØ kHz	-11.9	24.9	-6.5	3Ø.3
2ØØ kHz	-37.6	-Ø.8	-35.7	1.1
25Ø kHz	-41.7	-4.9	-41.9	-5.1
4ØØ kHz	-7Ø.6	-33.8	-69.8	-33.Ø
6ØØ kHz	-75.8	-38.9	-78.8	-42.Ø
8ØØ kHz	-79.4	-42.5	-75.4	-38.5
1ØØØ kHz	-78.Ø	-41.2	-75.6	-38.8
12ØØ kHz	-78.4	-41.5	-77.9	-41.Ø
14ØØ kHz	-78.4	-41.6	-77.5	-4Ø.6
16ØØ kHz	-78.3	-41.5	-78.1	-41.3
18ØØ kHz	-72.5	-35.7	-71.9	-35.Ø

CENTER 1.9446ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

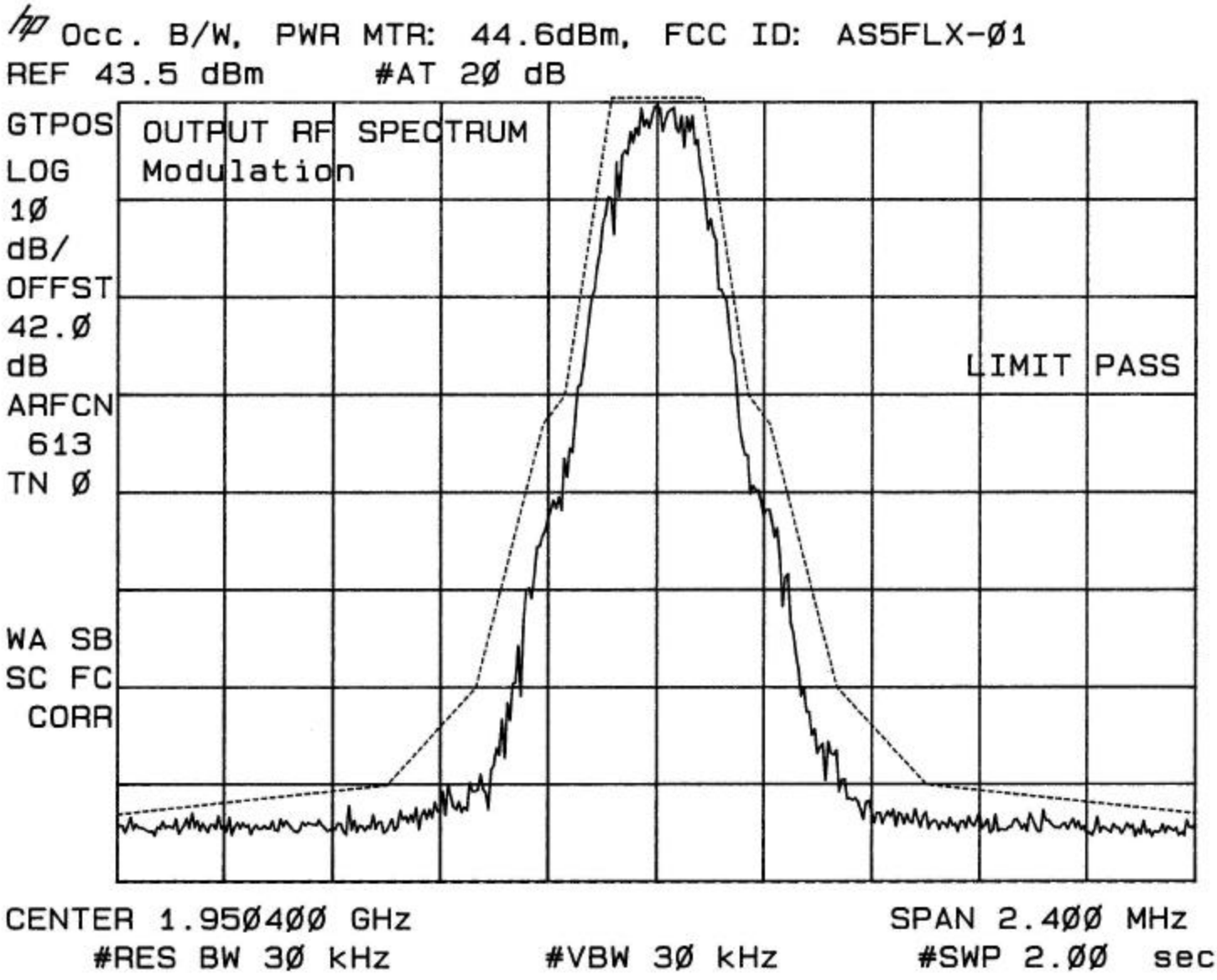
SINGLE CARRIER WITHOUT COMBINER

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


Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1
REF 43.5 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
613
TN Ø
WA SB
SC FC
CORR
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.95Ø4ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1

REF 43.3 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
613
TN Ø
BURST
1

SA SB
SC EC
CORR

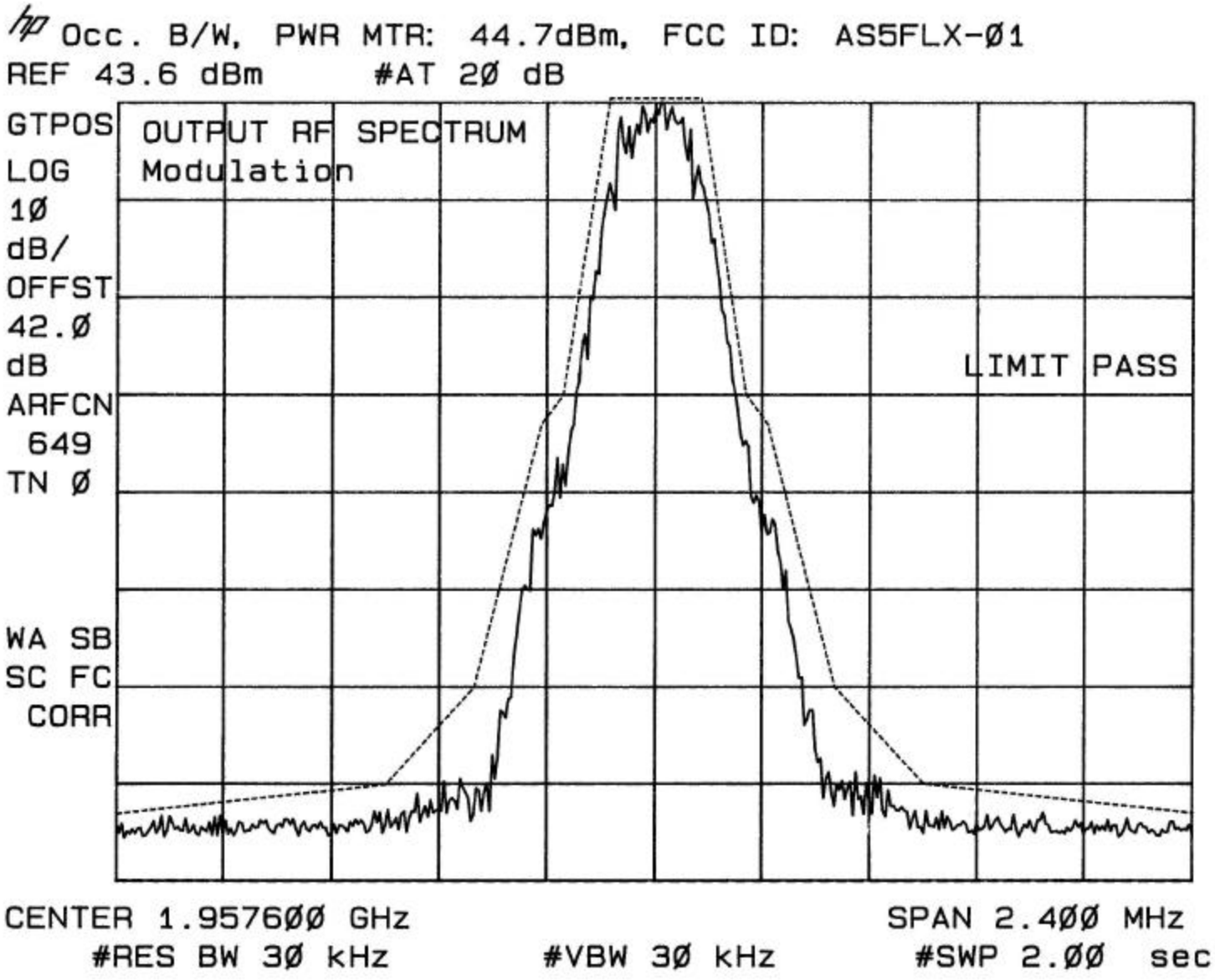
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	37.Ø	Ø.Ø	37.Ø
1ØØ kHz	-7.6	29.5	-6.5	3Ø.6
2ØØ kHz	-37.2	-Ø.2	-33.5	3.5
25Ø kHz	-47.3	-1Ø.2	-42.3	-5.2
4ØØ kHz	-7Ø.1	-33.1	-69.4	-32.4
6ØØ kHz	-74.7	-37.7	-78.2	-41.1
8ØØ kHz	-77.5	-4Ø.4	-76.8	-39.8
1ØØØ kHz	-77.9	-4Ø.8	-77.7	-4Ø.6
12ØØ kHz	-77.8	-4Ø.8	-78.4	-41.3
14ØØ kHz	-77.7	-4Ø.7	-77.8	-4Ø.7
16ØØ kHz	-8Ø.Ø	-43.Ø	-76.6	-39.6
18ØØ kHz	-73.2	-36.1	-71.6	-34.6

CENTER 1.95Ø4ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-Ø1
REF 43.6 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
649
TN Ø
WA SB
SC FC
CORR
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.957ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-Ø1

REF 43.1 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
649
TN Ø
BURST
1

SA SB
SC EC
CORR

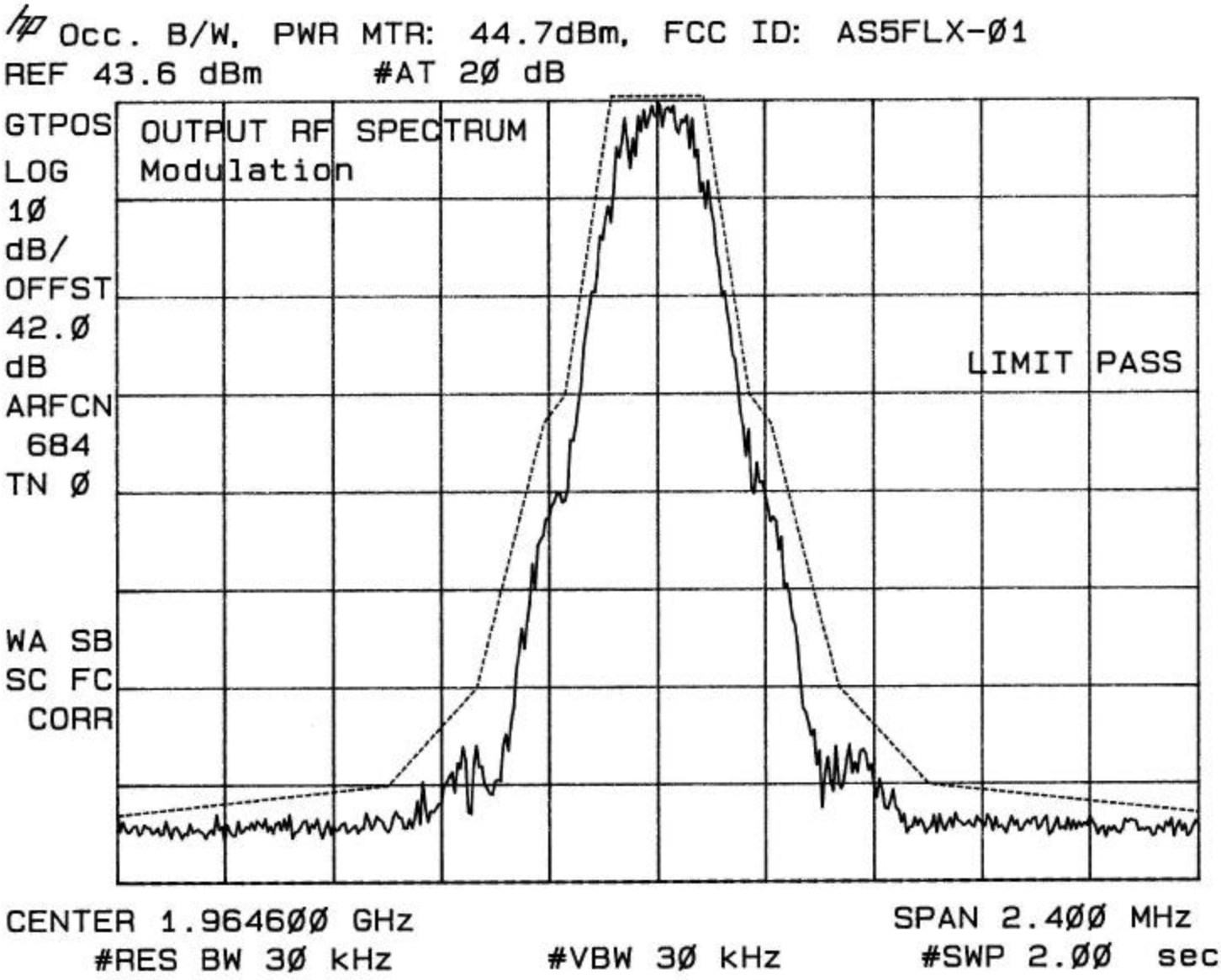
OUTPUT RF SPECTRUM
Modulation

Offset Freq	− Offset dB	− Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	37.2	Ø.Ø	37.2
1ØØ kHz	-11.8	25.3	-7.8	29.3
2ØØ kHz	-35.1	2.1	-34.5	2.7
25Ø kHz	-4Ø.7	-3.5	-43.8	-6.7
4ØØ kHz	-73.1	-35.9	-68.7	-31.6
6ØØ kHz	-77.6	-4Ø.5	-78.2	-41.Ø
8ØØ kHz	-75.5	-38.4	-77.6	-4Ø.4
1ØØØ kHz	-76.6	-39.4	-77.1	-4Ø.Ø
12ØØ kHz	-8Ø.4	-43.3	-76.5	-39.4
14ØØ kHz	-79.5	-42.4	-8Ø.2	-43.Ø
16ØØ kHz	-78.3	-41.1	-77.5	-4Ø.4
18ØØ kHz	-73.6	-36.4	-71.5	-34.4

CENTER 1.9576ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-Ø1
REF 43.6 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
684
TN Ø
WA SB
SC FC
CORR
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.964ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-Ø1

REF 43.8 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
684
TN Ø
BURST
1

SA SB
SC EC
CORR

OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	36.9	Ø.Ø	36.9
1ØØ kHz	-12.4	24.5	-9.6	27.3
2ØØ kHz	-35.Ø	1.9	-35.2	1.7
25Ø kHz	-39.7	-2.8	-4Ø.5	-3.6
4ØØ kHz	-7Ø.5	-33.6	-67.9	-31.Ø
6ØØ kHz	-77.6	-4Ø.8	-76.3	-39.4
8ØØ kHz	-78.6	-41.7	-78.7	-41.8
1ØØØ kHz	-76.4	-39.5	-76.9	-4Ø.Ø
12ØØ kHz	-78.8	-42.Ø	-8Ø.3	-43.4
14ØØ kHz	-77.4	-4Ø.5	-77.9	-41.Ø
16ØØ kHz	-76.5	-39.6	-79.7	-42.8
18ØØ kHz	-72.8	-36.Ø	-72.2	-35.3

CENTER 1.9646ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

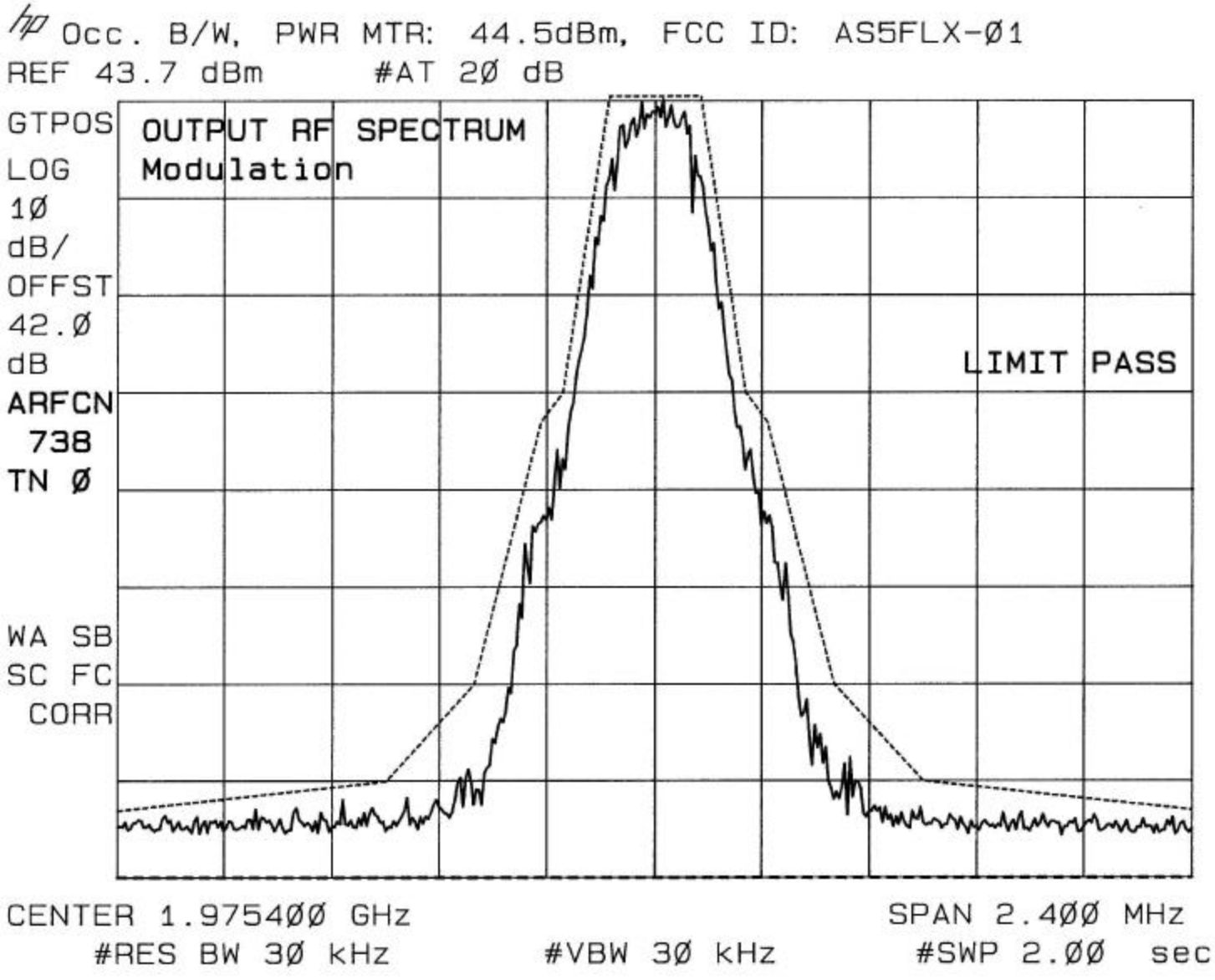
SINGLE CARRIER WITHOUT COMBINER

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


Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1
REF 43.7 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
738
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CORR
CENTER 1.975ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1

REF 43.9 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
738
TN Ø
BURST
1

SA SB
SC EC
CORR

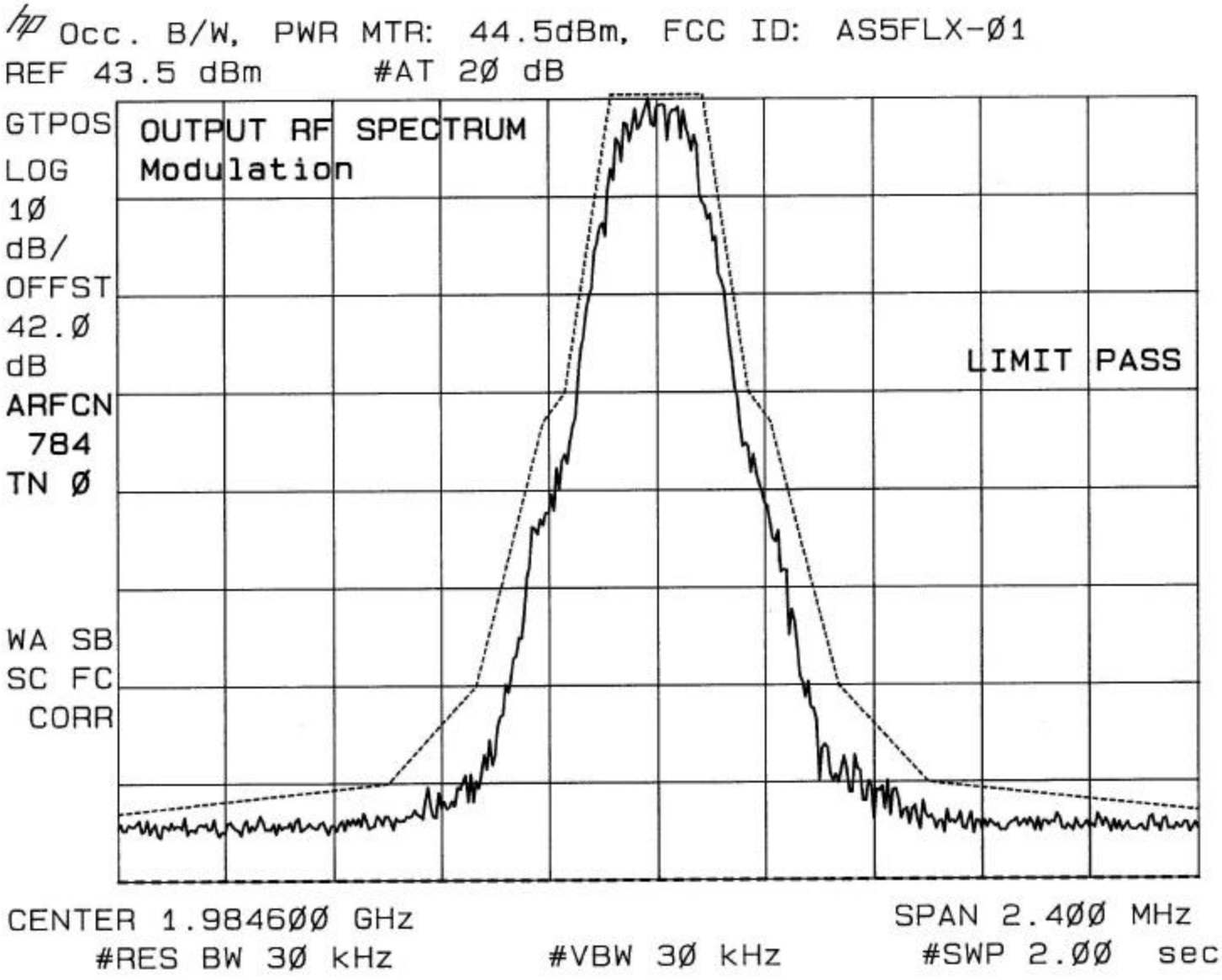
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	36.4	Ø.Ø	36.4
1ØØ kHz	-4.5	31.9	-1Ø.9	25.5
2ØØ kHz	-35.5	Ø.9	-35.6	Ø.9
25Ø kHz	-4Ø.5	-4.1	-39.1	-2.7
4ØØ kHz	-7Ø.2	-33.8	-69.6	-33.2
6ØØ kHz	-77.3	-4Ø.9	-78.2	-41.7
8ØØ kHz	-76.1	-39.7	-75.2	-38.7
1ØØØ kHz	-75.3	-38.9	-79.3	-42.9
12ØØ kHz	-78.5	-42.Ø	-76.6	-4Ø.2
14ØØ kHz	-77.7	-41.2	-79.4	-43.Ø
16ØØ kHz	-75.7	-39.2	-74.6	-38.2
18ØØ kHz	-72.6	-36.2	-72.5	-36.1

CENTER 1.9754ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1
REF 43.5 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
784
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CORR
CENTER 1.984ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1

REF 43.7 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
784
TN Ø
BURST
1

SA SB
SC EC
CORR

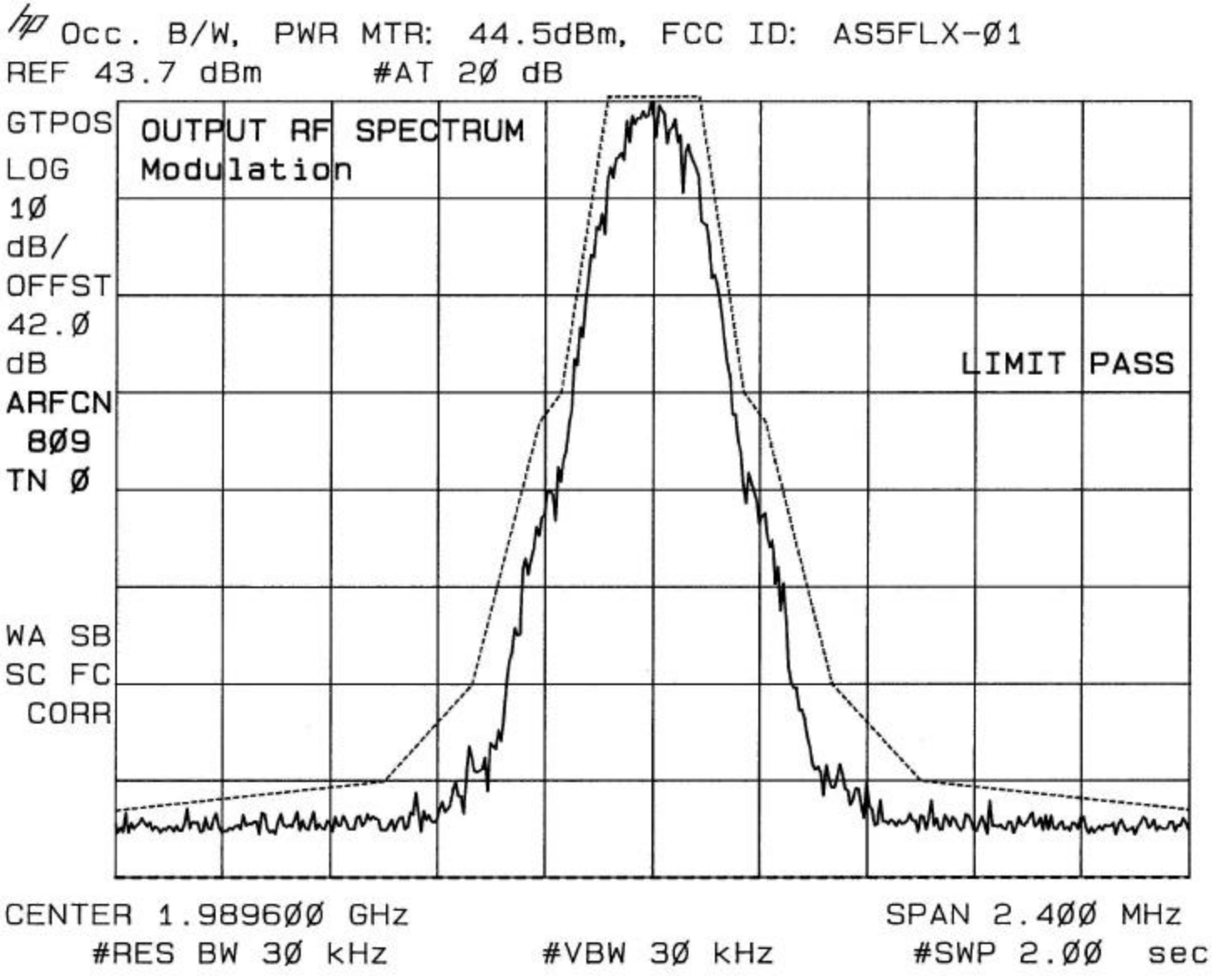
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	36.7	Ø.Ø	36.7
1ØØ kHz	-1Ø.6	26.1	-6.5	3Ø.2
2ØØ kHz	-36.2	Ø.5	-34.7	2.Ø
25Ø kHz	-4Ø.1	-3.5	-41.5	-4.8
4ØØ kHz	-69.8	-33.1	-68.Ø	-31.3
6ØØ kHz	-78.4	-41.8	-75.3	-38.7
8ØØ kHz	-75.3	-38.6	-79.8	-43.1
1ØØØ kHz	-77.6	-4Ø.9	-8Ø.2	-43.5
12ØØ kHz	-8Ø.5	-43.9	-79.Ø	-42.4
14ØØ kHz	-75.8	-39.2	-8Ø.6	-43.9
16ØØ kHz	-78.7	-42.Ø	-79.2	-42.5
18ØØ kHz	-71.5	-34.8	-72.9	-36.3

CENTER 1.9846ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1
REF 43.7 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
8Ø9
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CORR
CENTER 1.989600 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-Ø1

REF 43.7 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
8Ø9
TN Ø
BURST
1

SA SB
SC EC
CORR

OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	37.1	Ø.Ø	37.1
1ØØ kHz	-8.6	28.5	-11.Ø	26.1
2ØØ kHz	-36.Ø	1.1	-37.7	-Ø.6
25Ø kHz	-4Ø.6	-3.5	-43.4	-6.3
4ØØ kHz	-67.1	-3Ø.Ø	-64.8	-27.7
6ØØ kHz	-77.4	-4Ø.3	-75.4	-38.3
8ØØ kHz	-76.8	-39.6	-79.2	-42.1
1ØØØ kHz	-78.3	-41.2	-8Ø.9	-43.8
12ØØ kHz	-79.6	-42.5	-8Ø.Ø	-42.9
14ØØ kHz	-75.9	-38.8	-78.8	-41.7
16ØØ kHz	-81.7	-44.6	-79.4	-42.3
18ØØ kHz	-75.3	-38.2	-72.9	-35.8

CENTER 1.9896ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

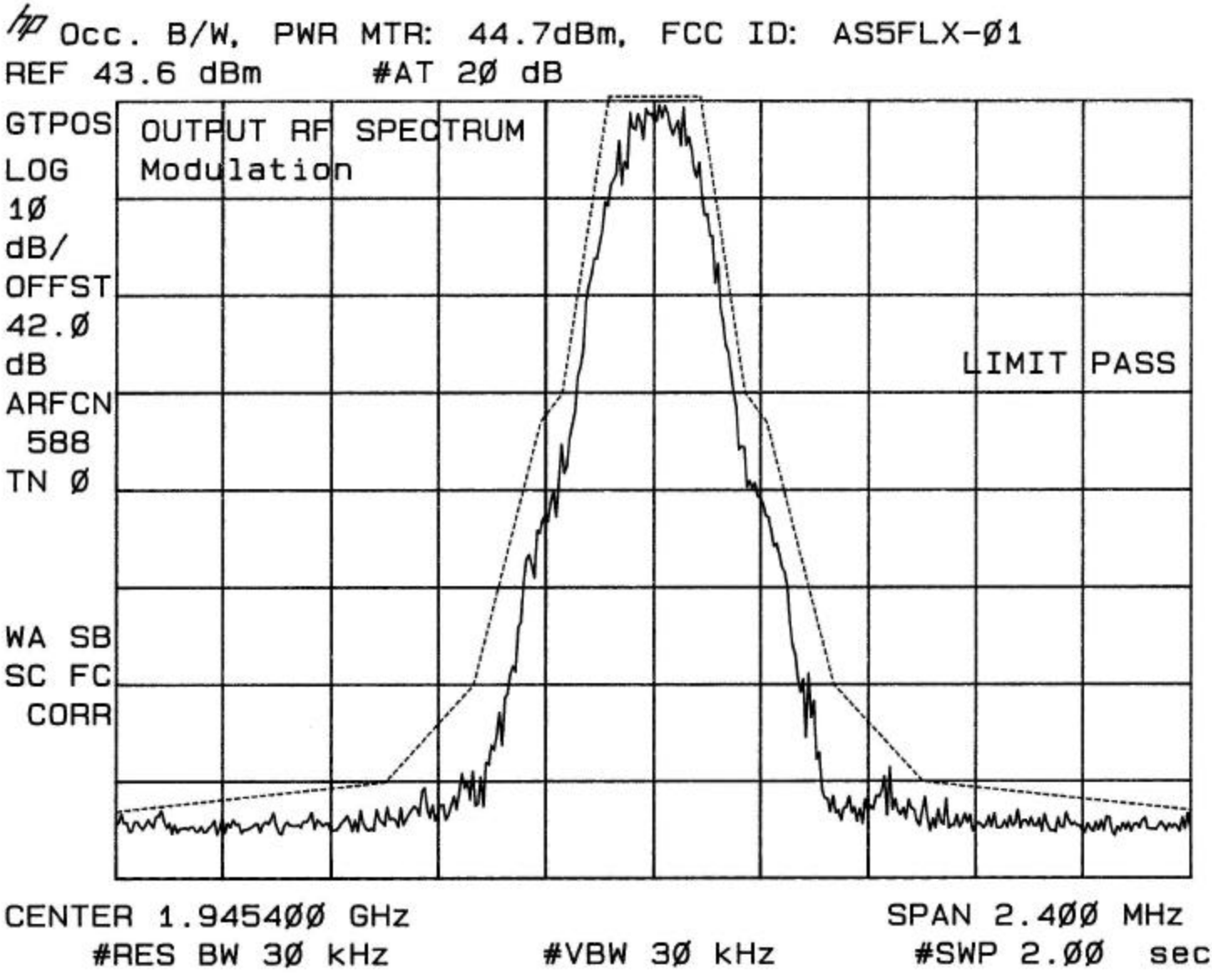
SINGLE CARRIER WITHOUT COMBINER

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


Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-Ø1
REF 43.6 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
588
TN Ø
WA SB
SC FC
CORR
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.945ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-Ø1

REF 44.Ø dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
588
TN Ø
BURST
1

SA SB
SC EC
CORR

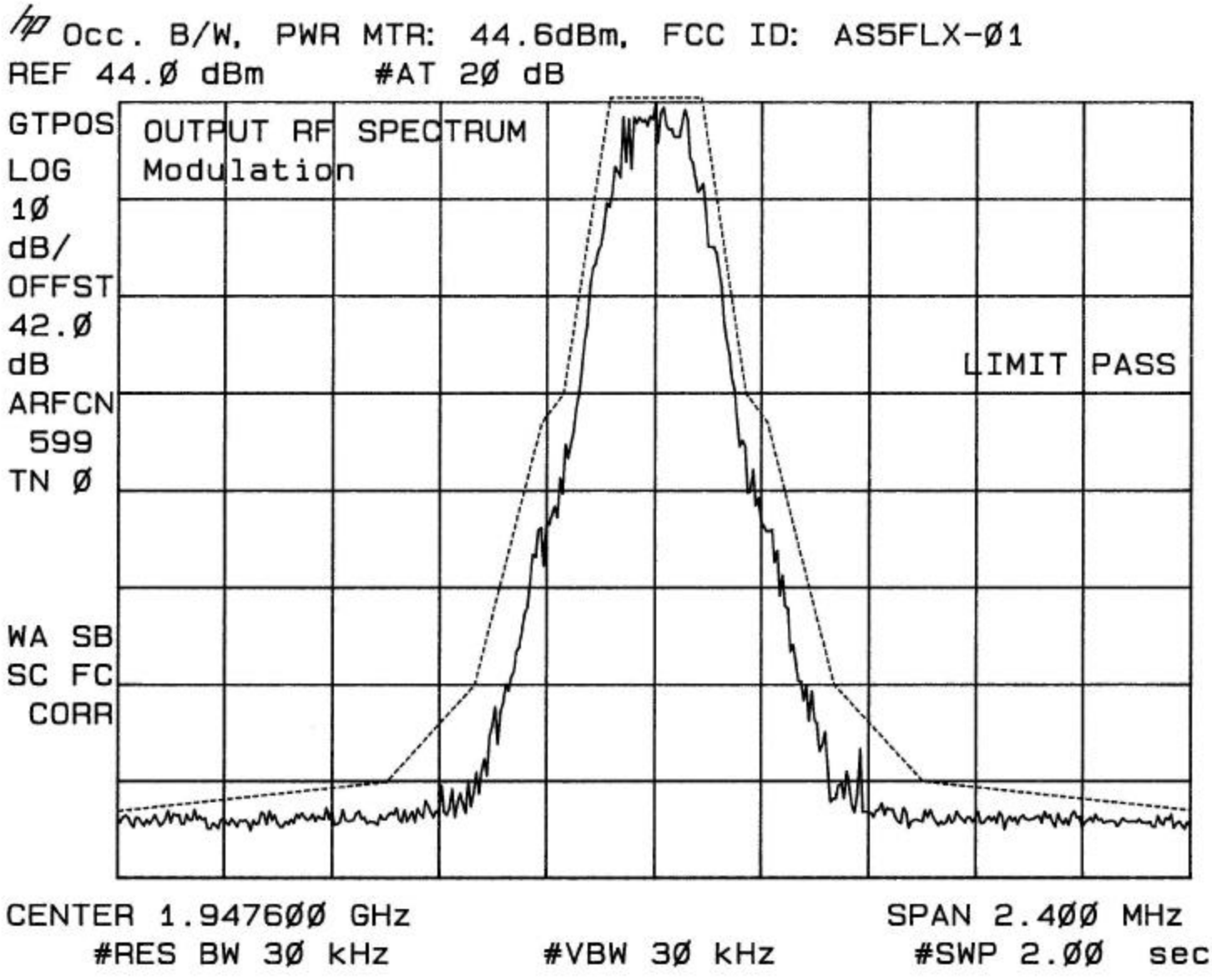
OUTPUT RF SPECTRUM
Modulation

Offset Freq	- Offset dB	- Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	36.7	Ø.Ø	36.7
1ØØ kHz	-6.7	3Ø.Ø	-7.6	29.2
2ØØ kHz	-34.7	2.Ø	-34.7	2.Ø
25Ø kHz	-41.4	-4.7	-39.8	-3.1
4ØØ kHz	-72.4	-35.6	-71.2	-34.5
6ØØ kHz	-77.5	-4Ø.8	-78.6	-41.9
8ØØ kHz	-75.3	-38.6	-77.8	-41.1
1ØØØ kHz	-75.4	-38.7	-78.2	-41.5
12ØØ kHz	-77.7	-41.Ø	-81.8	-45.Ø
14ØØ kHz	-77.9	-41.2	-76.9	-4Ø.2
16ØØ kHz	-79.8	-43.1	-75.5	-38.8
18ØØ kHz	-72.6	-35.9	-73.2	-36.5

CENTER 1.9454ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1
REF 44.Ø dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
599
TN Ø
WA SB
SC FC
CORR
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.9476ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1

REF 44.6 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
599
TN Ø
BURST
1

SA SB
SC EC
CORR

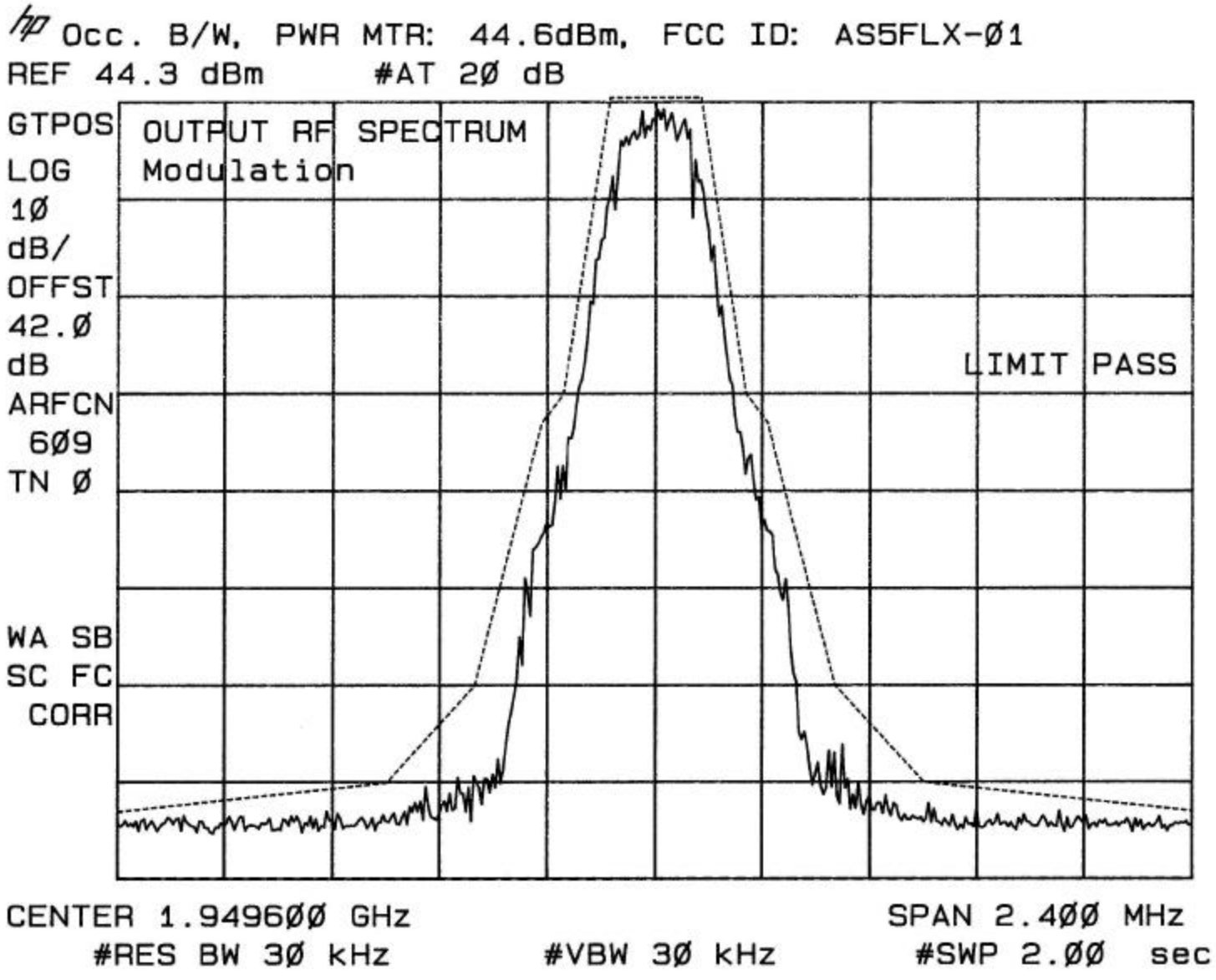
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	36.8	Ø.Ø	36.8
1ØØ kHz	-8.1	28.8	-7.3	29.5
2ØØ kHz	-36.8	Ø.Ø	-34.8	2.Ø
25Ø kHz	-44.4	-7.6	-43.1	-6.2
4ØØ kHz	-69.6	-32.8	-71.Ø	-34.2
6ØØ kHz	-76.7	-39.9	-76.7	-39.9
8ØØ kHz	-77.5	-4Ø.6	-76.8	-4Ø.Ø
1ØØØ kHz	-79.1	-42.2	-77.1	-4Ø.3
12ØØ kHz	-8Ø.7	-43.8	-78.8	-42.Ø
14ØØ kHz	-79.7	-42.9	-76.6	-39.8
16ØØ kHz	-78.1	-41.3	-8Ø.1	-43.3
18ØØ kHz	-72.8	-35.9	-72.9	-36.Ø

CENTER 1.9476ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1
REF 44.3 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
6Ø9
TN Ø
WA SB
SC FC
CORR
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.9496ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1

REF 44.3 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
6Ø9
TN Ø
BURST
1

SA SB
SC EC
CORR

OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	36.9	Ø.Ø	36.9
1ØØ kHz	-11.3	25.6	-9.3	27.6
2ØØ kHz	-37.4	-Ø.6	-35.3	1.6
25Ø kHz	-41.Ø	-4.2	-41.7	-4.8
4ØØ kHz	-68.6	-31.8	-68.5	-31.7
6ØØ kHz	-78.7	-41.8	-75.Ø	-38.2
8ØØ kHz	-78.2	-41.3	-74.5	-37.6
1ØØØ kHz	-79.2	-42.4	-78.9	-42.1
12ØØ kHz	-77.7	-4Ø.9	-78.9	-42.Ø
14ØØ kHz	-79.3	-42.5	-76.9	-4Ø.Ø
16ØØ kHz	-76.7	-39.8	-77.8	-4Ø.9
18ØØ kHz	-71.1	-34.2	-72.1	-35.2

CENTER 1.9496ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

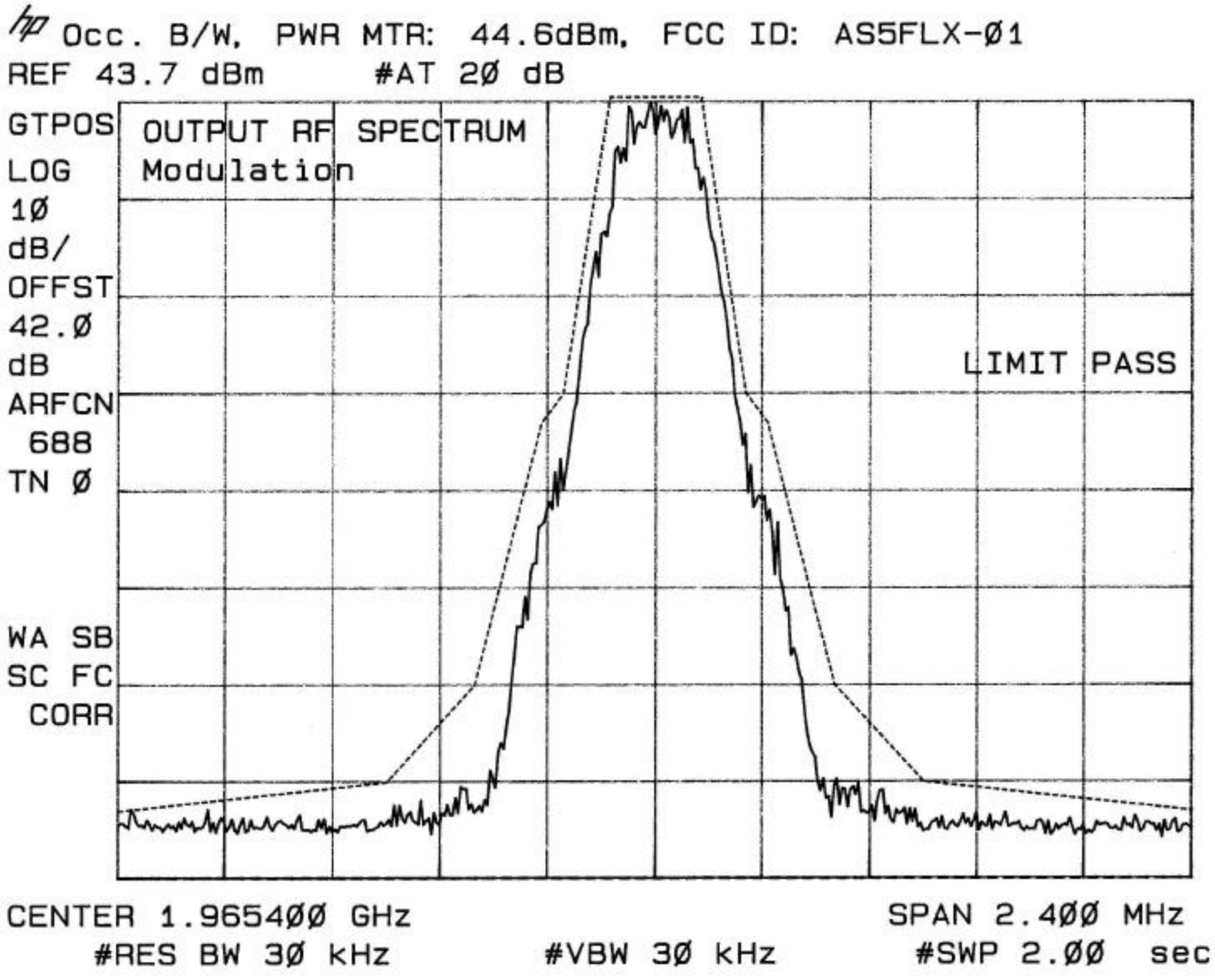
SINGLE CARRIER WITHOUT COMBINER

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


Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1
REF 43.7 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
688
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CORR
CENTER 1.965400 GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1

REF 44.2 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
688
TN Ø
BURST
1

SA SB
SC EC
CORR

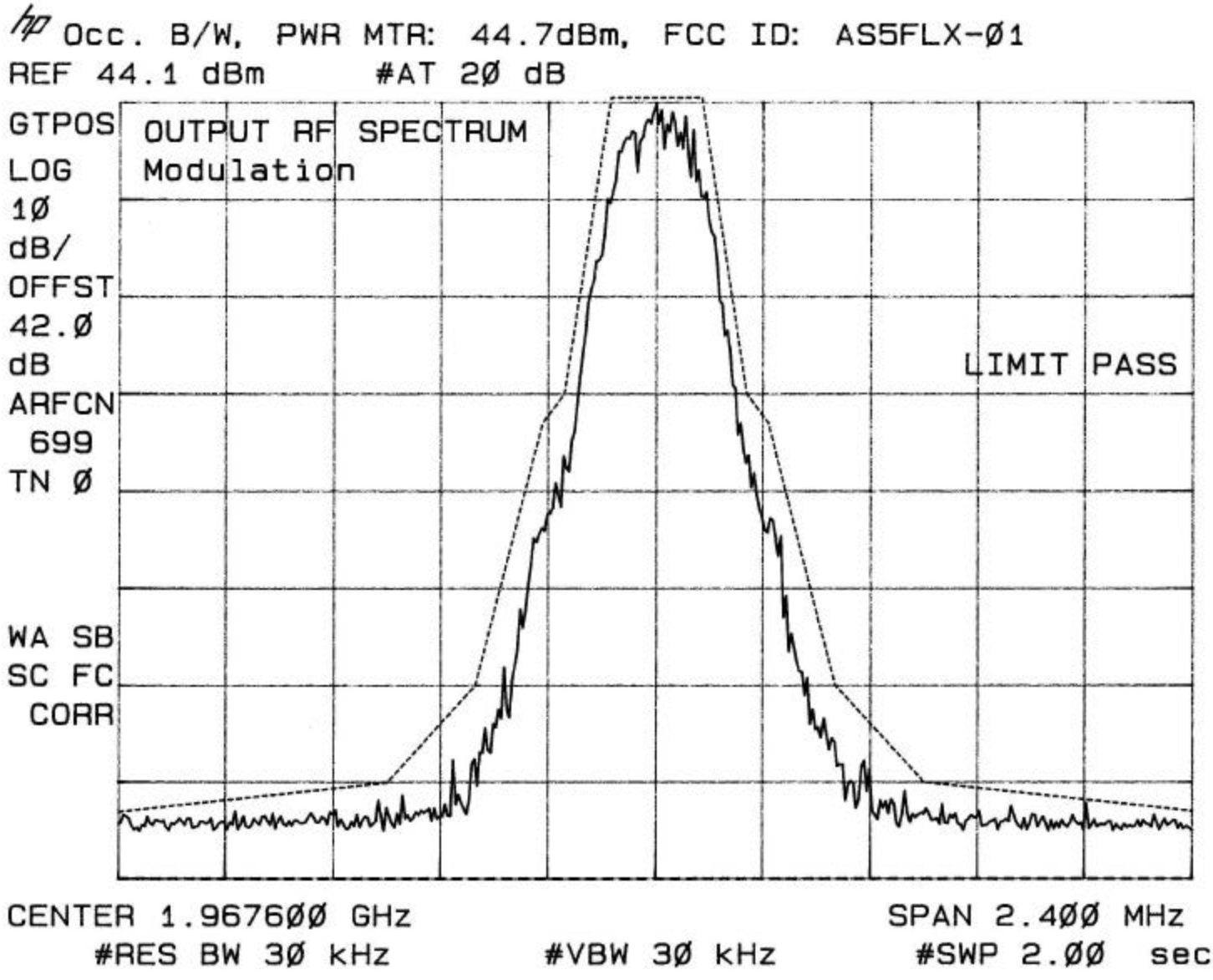
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	37.6	Ø.Ø	37.6
1ØØ kHz	-7.1	3Ø.4	-8.5	29.Ø
2ØØ kHz	-37.3	Ø.3	-34.8	2.8
25Ø kHz	-43.5	-5.9	-42.2	-4.6
4ØØ kHz	-71.6	-34.1	-69.7	-32.1
6ØØ kHz	-79.1	-41.6	-77.Ø	-39.5
8ØØ kHz	-76.3	-38.7	-74.8	-37.2
1ØØØ kHz	-77.8	-4Ø.3	-78.8	-41.2
12ØØ kHz	-8Ø.Ø	-42.5	-8Ø.5	-43.Ø
14ØØ kHz	-77.3	-39.7	-78.Ø	-4Ø.5
16ØØ kHz	-79.3	-41.7	-8Ø.4	-42.8
18ØØ kHz	-73.2	-35.7	-72.8	-35.3

CENTER 1.9654ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-Ø1
REF 44.1 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
699
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CORR
CENTER 1.967600 GHz
SPAN 2.400 MHz
#RES BW 30 kHz
#VBW 30 kHz
#SWP 2.00 sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.7dBm, FCC ID: AS5FLX-Ø1

REF 43.5 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
699
TN Ø
BURST
1

SA SB
SC EC
CORR

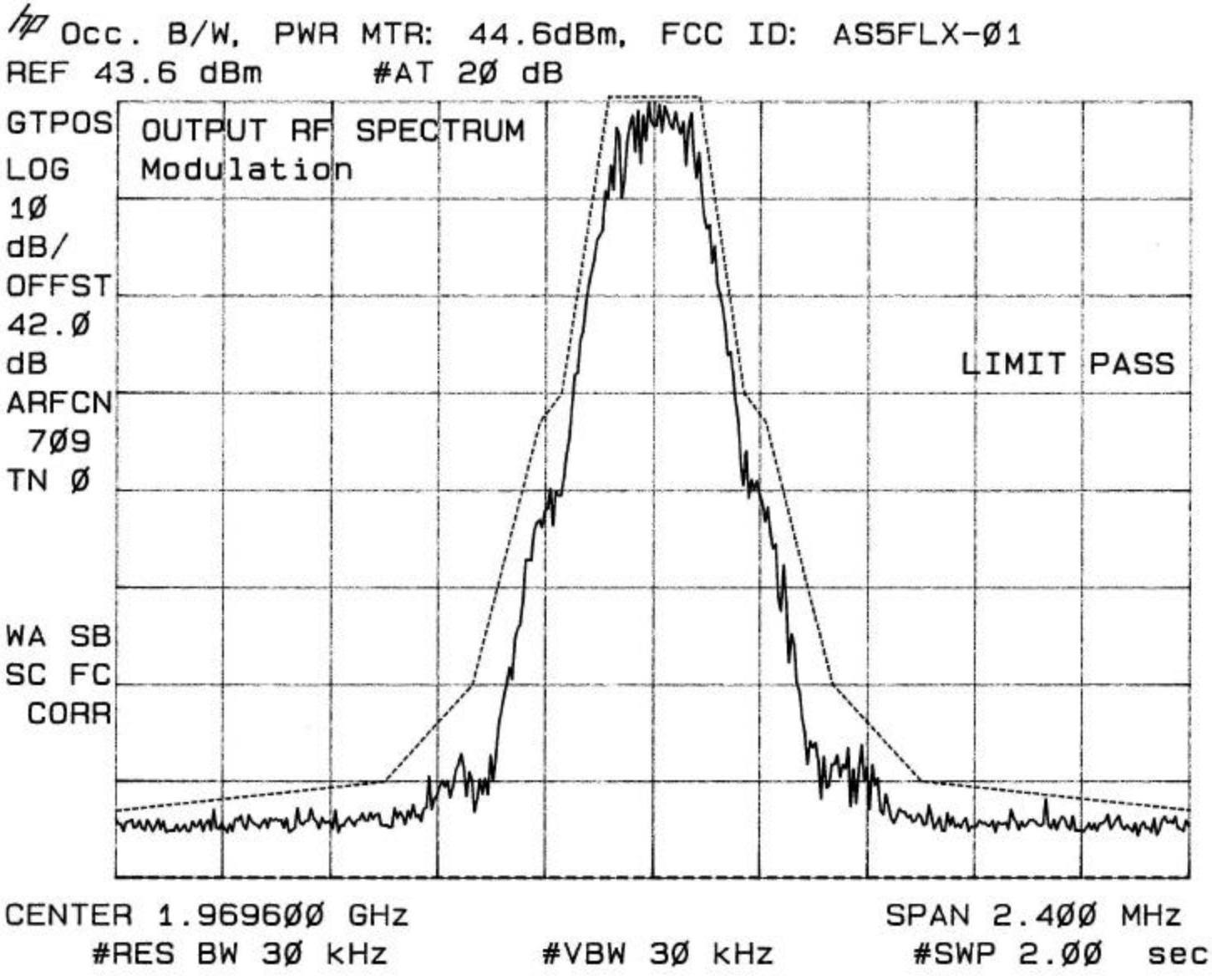
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	37.5	Ø.Ø	37.5
1ØØ kHz	-1Ø.8	26.7	-13.6	23.9
2ØØ kHz	-36.5	Ø.9	-36.2	1.3
25Ø kHz	-42.6	-5.1	-4Ø.5	-3.Ø
4ØØ kHz	-72.1	-34.6	-71.6	-34.1
6ØØ kHz	-77.4	-39.9	-74.8	-37.3
8ØØ kHz	-78.Ø	-4Ø.5	-77.9	-4Ø.4
1ØØØ kHz	-79.7	-42.3	-79.1	-41.6
12ØØ kHz	-79.8	-42.4	-8Ø.9	-43.4
14ØØ kHz	-79.8	-42.3	-8Ø.1	-42.6
16ØØ kHz	-79.4	-41.9	-81.4	-43.9
18ØØ kHz	-72.1	-34.6	-72.6	-35.2

CENTER 1.9676ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1
REF 43.6 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
7Ø9
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CORR
CENTER 1.969600 GHz
SPAN 2.400 MHz
#RES BW 30 kHz
#VBW 30 kHz
#SWP 2.00 sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1

REF 44.4 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
7Ø9
TN Ø
BURST
1

SA SB
SC EC
CORR

OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	37.1	Ø.Ø	37.1
1ØØ kHz	-8.4	28.7	-7.Ø	3Ø.2
2ØØ kHz	-35.2	1.9	-35.6	1.5
25Ø kHz	-42.5	-5.4	-41.3	-4.2
4ØØ kHz	-71.Ø	-33.9	-71.2	-34.1
6ØØ kHz	-76.4	-39.2	-76.3	-39.1
8ØØ kHz	-78.9	-41.7	-76.7	-39.5
1ØØØ kHz	-79.6	-42.5	-76.1	-39.Ø
12ØØ kHz	-78.3	-41.2	-8Ø.7	-43.5
14ØØ kHz	-78.Ø	-4Ø.9	-79.7	-42.5
16ØØ kHz	-76.2	-39.Ø	-78.7	-41.5
18ØØ kHz	-73.5	-36.4	-72.5	-35.3

CENTER 1.9696ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

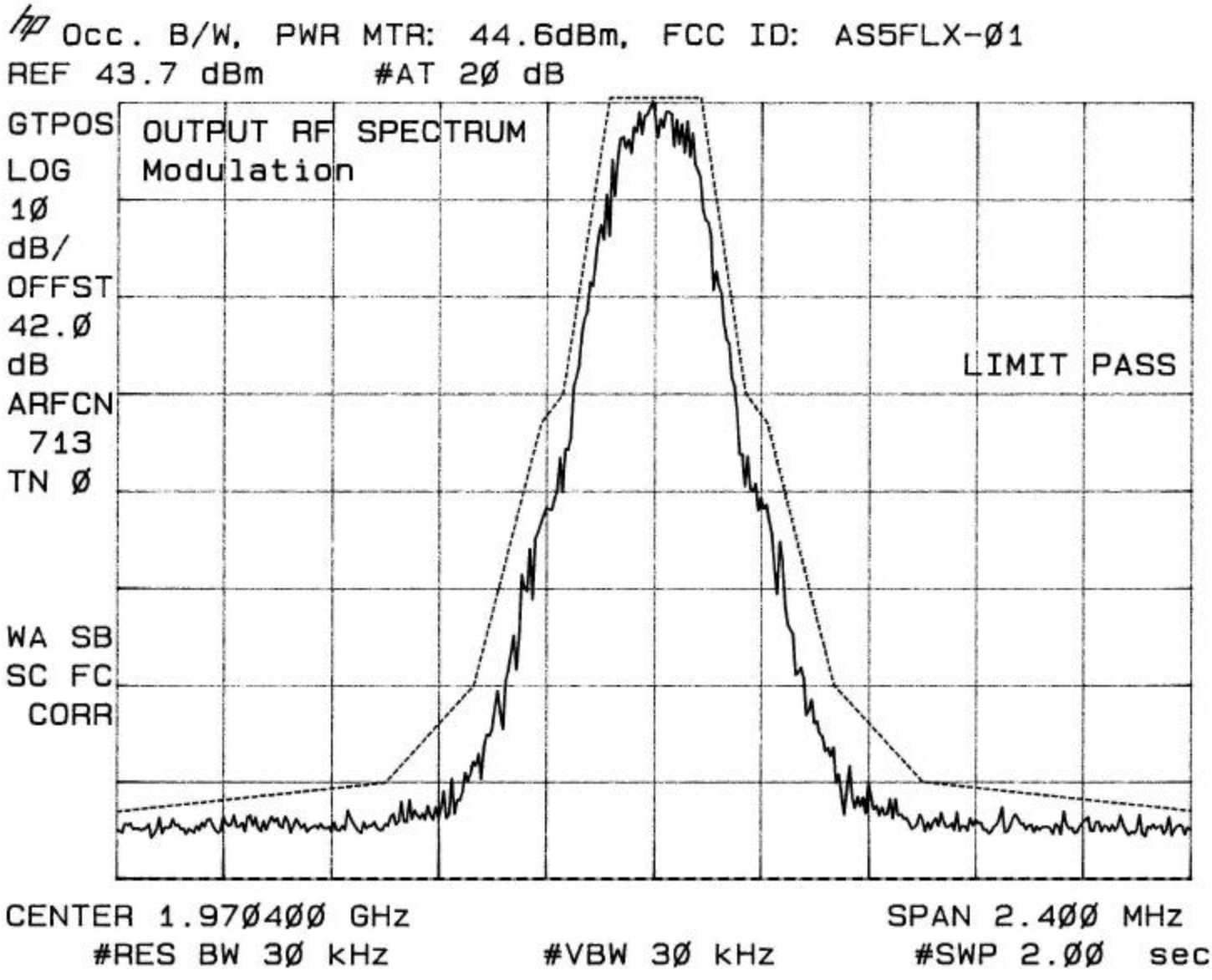
SINGLE CARRIER WITHOUT COMBINER

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


Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1
REF 43.7 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
713
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CORR
CENTER 1.97Ø4ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

hp Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1

REF 43.6 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
713
TN Ø
BURST
1

SA SB
SC EC
CORR

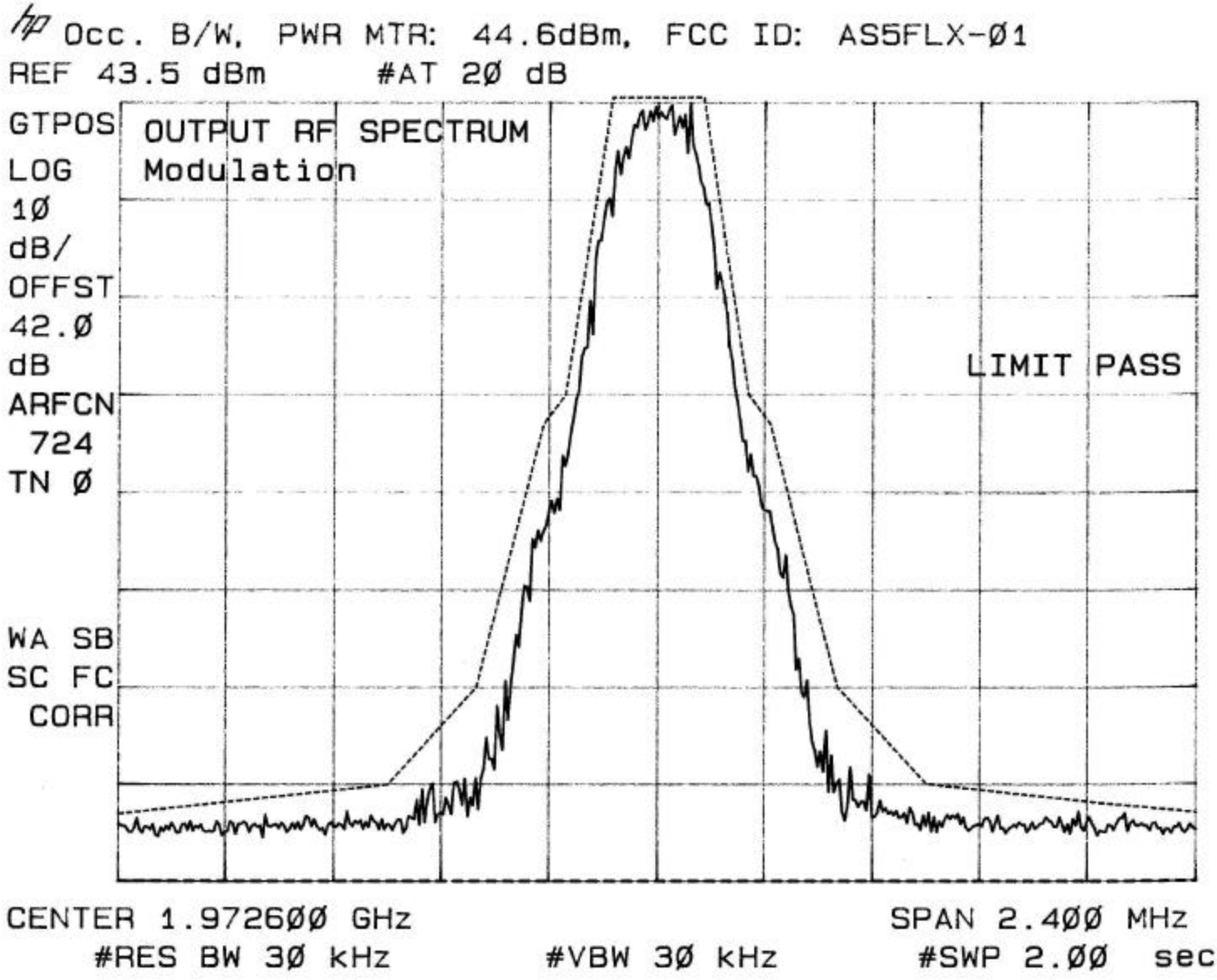
OUTPUT RF SPECTRUM
Modulation

Offset Freq	- Offset dB	- Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	37.3	Ø.Ø	37.3
1ØØ kHz	-8.1	29.2	-9.4	27.9
2ØØ kHz	-35.Ø	2.3	-36.1	1.3
25Ø kHz	-39.9	-2.6	-44.6	-7.2
4ØØ kHz	-7Ø.3	-33.Ø	-69.2	-31.9
6ØØ kHz	-75.7	-38.4	-74.9	-37.6
8ØØ kHz	-77.3	-4Ø.Ø	-78.Ø	-4Ø.7
1ØØØ kHz	-79.5	-42.2	-77.5	-4Ø.2
12ØØ kHz	-8Ø.8	-43.4	-78.9	-41.6
14ØØ kHz	-77.8	-4Ø.5	-8Ø.5	-43.1
16ØØ kHz	-77.1	-39.8	-76.8	-39.4
18ØØ kHz	-72.1	-34.8	-73.2	-35.8

CENTER 1.97Ø4ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1
REF 43.5 dBm
#AT 2Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
724
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CORR
CENTER 1.9726ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.6dBm, FCC ID: AS5FLX-Ø1

REF 43.4 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
724
TN Ø
BURST
1

SA SB
SC EC
CORR

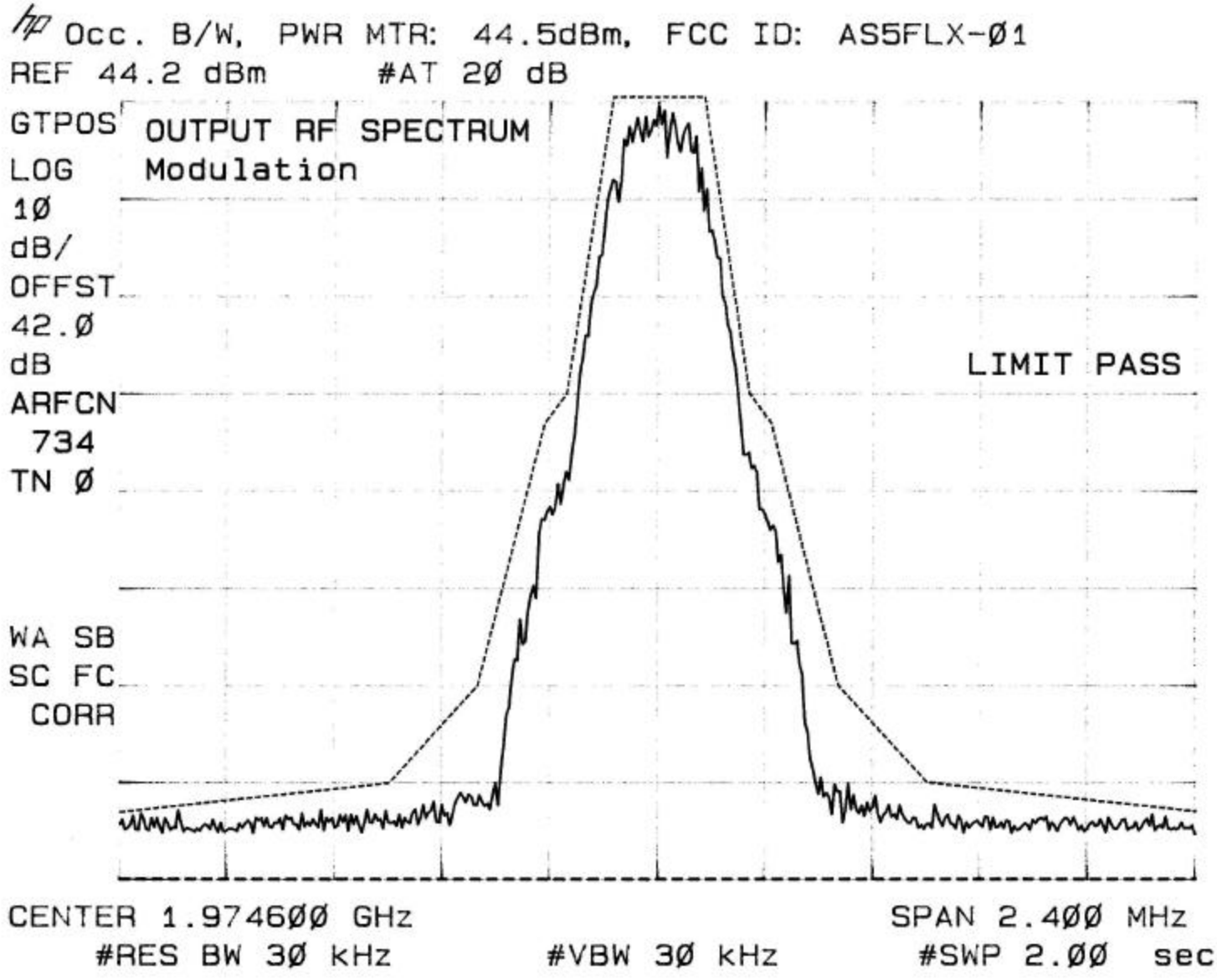
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	37.1	Ø.Ø	37.1
1ØØ kHz	-8.7	28.4	-8.4	28.8
2ØØ kHz	-35.6	1.6	-37.1	Ø.1
25Ø kHz	-41.2	-4.1	-4Ø.1	-3.Ø
4ØØ kHz	-68.9	-31.8	-7Ø.1	-33.Ø
6ØØ kHz	-77.5	-4Ø.3	-77.1	-4Ø.Ø
8ØØ kHz	-76.4	-39.3	-76.2	-39.1
1ØØØ kHz	-78.7	-41.5	-79.3	-42.1
12ØØ kHz	-79.6	-42.5	-78.7	-41.6
14ØØ kHz	-76.1	-39.Ø	-79.7	-42.5
16ØØ kHz	-77.3	-4Ø.2	-77.7	-4Ø.5
18ØØ kHz	-73.5	-36.3	-73.7	-36.5

CENTER 1.9726ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

05 MAY 2000


Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1
REF 44.2 dBm
#AT 2Ø dB
GTPOS
OUTPUT RF SPECTRUM
LOG
Modulation
1Ø
dB/
OFFST
42.Ø
dB
LIMIT PASS
ARFCN
734
TN Ø
WA SB
SC FC
CORR
CENTER 1.974ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

05 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1

REF 44.2 dBm #AT 2Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
734
TN Ø
BURST
1

SA SB
SC EC
CORR

OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	37.Ø	Ø.Ø	37.Ø
1ØØ kHz	-5.1	31.9	-6.1	3Ø.9
2ØØ kHz	-37.7	-Ø.7	-33.5	3.5
25Ø kHz	-42.6	-5.6	-43.8	-6.8
4ØØ kHz	-73.5	-36.5	-71.5	-34.5
6ØØ kHz	-75.7	-38.6	-76.4	-39.4
8ØØ kHz	-79.7	-42.7	-76.7	-39.7
1ØØØ kHz	-77.3	-4Ø.3	-79.4	-42.4
12ØØ kHz	-78.3	-41.3	-74.6	-37.6
14ØØ kHz	-77.7	-4Ø.7	-79.4	-42.4
16ØØ kHz	-76.8	-39.8	-79.7	-42.7
18ØØ kHz	-72.6	-35.6	-71.7	-34.7

CENTER 1.9746ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

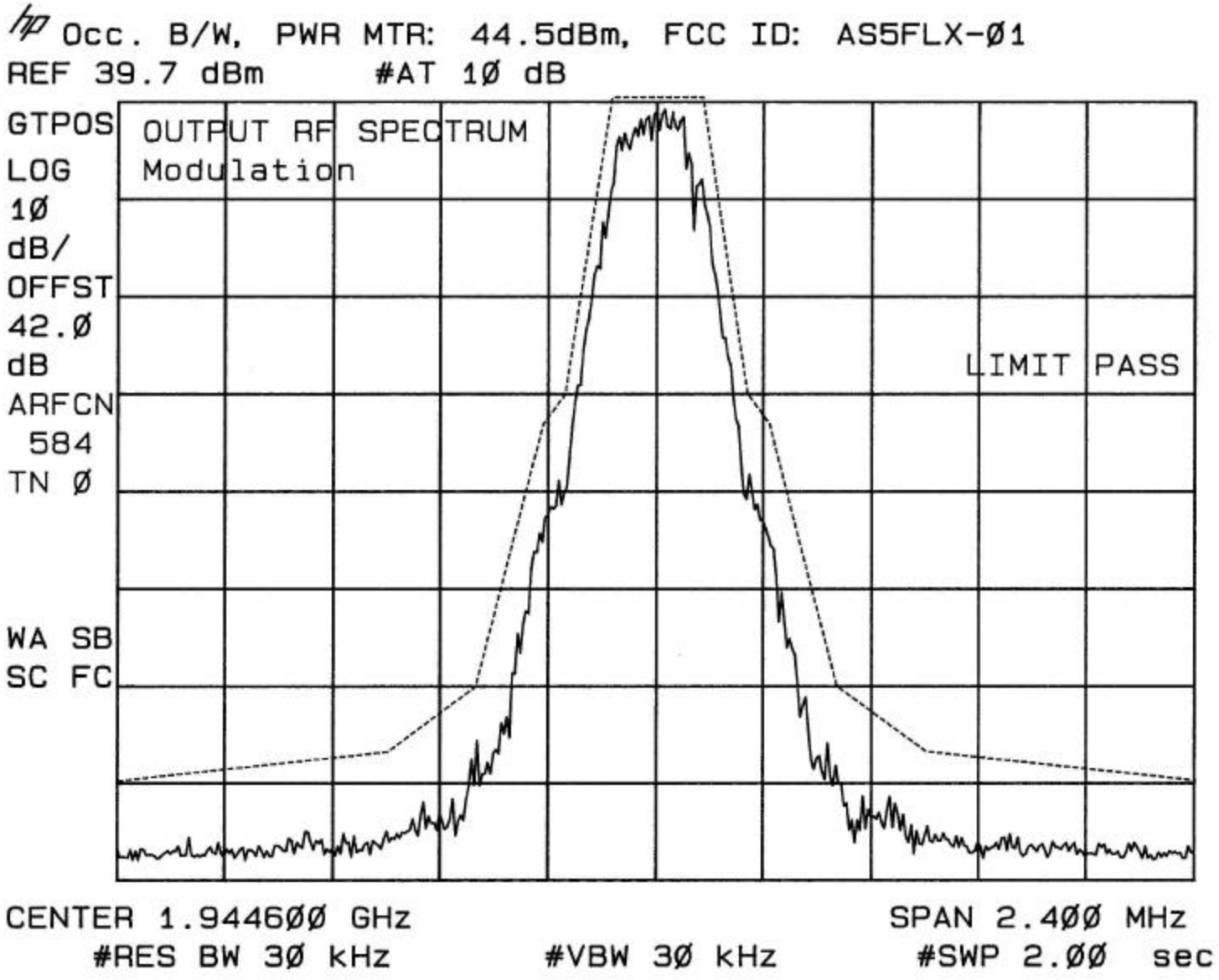
TWO CARRIER WITH COMBINER

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


Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1
REF 39.7 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
584
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CENTER 1.9446ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.3dBm, FCC ID: AS5FLX-Ø1

REF 39.4 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
513
TN Ø
BURST
1

SA SB
SC EC

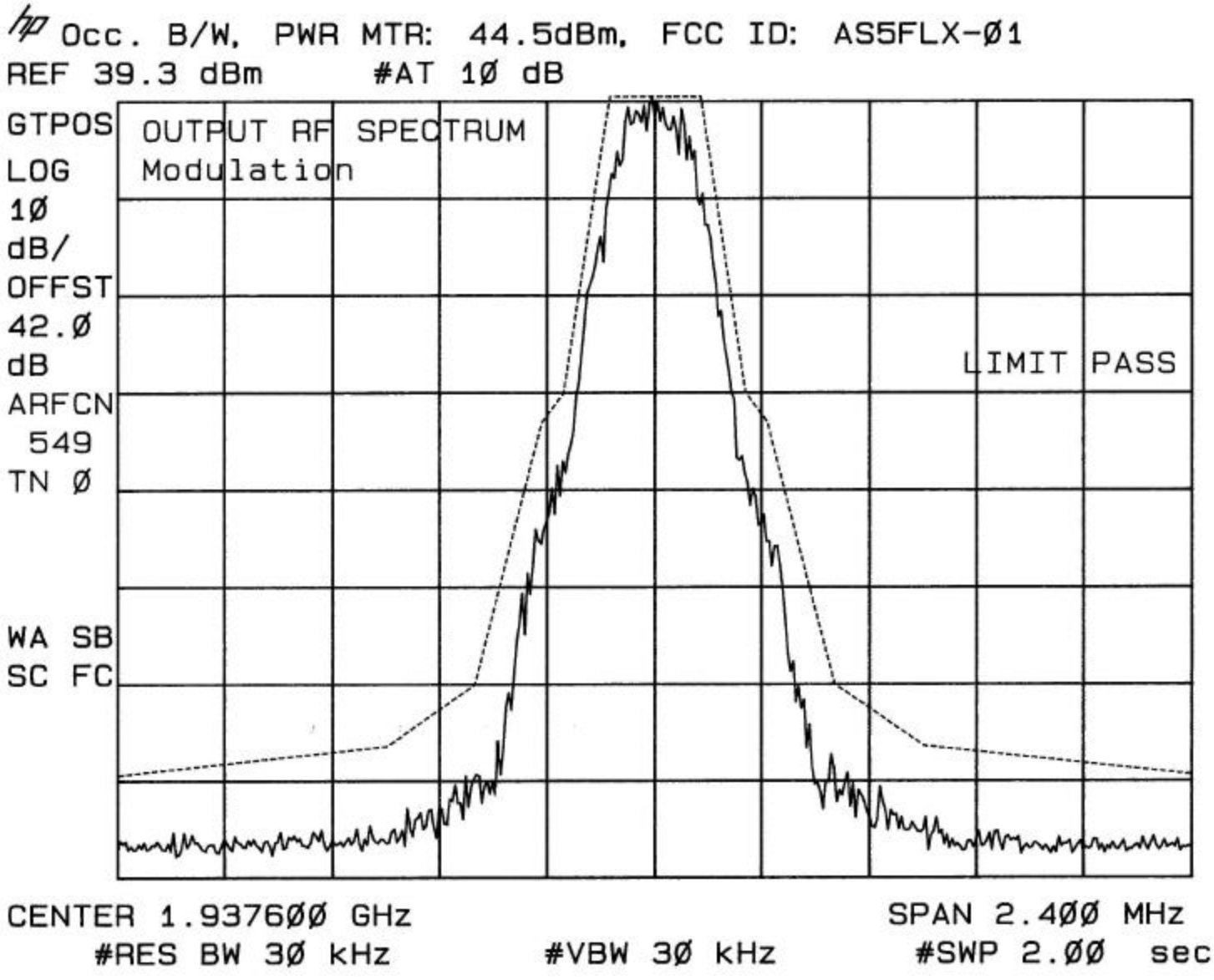
OUTPUT RF SPECTRUM
Modulation

Offset Freq	− Offset dB	− Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	32.4	Ø.Ø	32.4
1ØØ kHz	-9.Ø	23.4	-1Ø.8	21.6
2ØØ kHz	-36.3	-3.9	-37.4	-5.Ø
25Ø kHz	-4Ø.9	-8.5	-41.7	-9.3
4ØØ kHz	-72.7	-4Ø.3	-7Ø.5	-38.1
6ØØ kHz	-78.6	-46.2	-76.9	-44.5
8ØØ kHz	-8Ø.8	-48.4	-8Ø.3	-47.9
1ØØØ kHz	-81.6	-49.2	-8Ø.7	-48.3
12ØØ kHz	-83.1	-5Ø.7	-82.1	-49.7
14ØØ kHz	-81.1	-48.7	-82.8	-5Ø.4
16ØØ kHz	-82.3	-49.9	-84.2	-51.8
18ØØ kHz	-77.4	-45.Ø	-77.4	-45.Ø

CENTER 1.93Ø4ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

08 MAY 2000


Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1
REF 39.3 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
549
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.937ØØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1

REF 4Ø.1 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
549
TN Ø
BURST
1

SA SB
SC EC

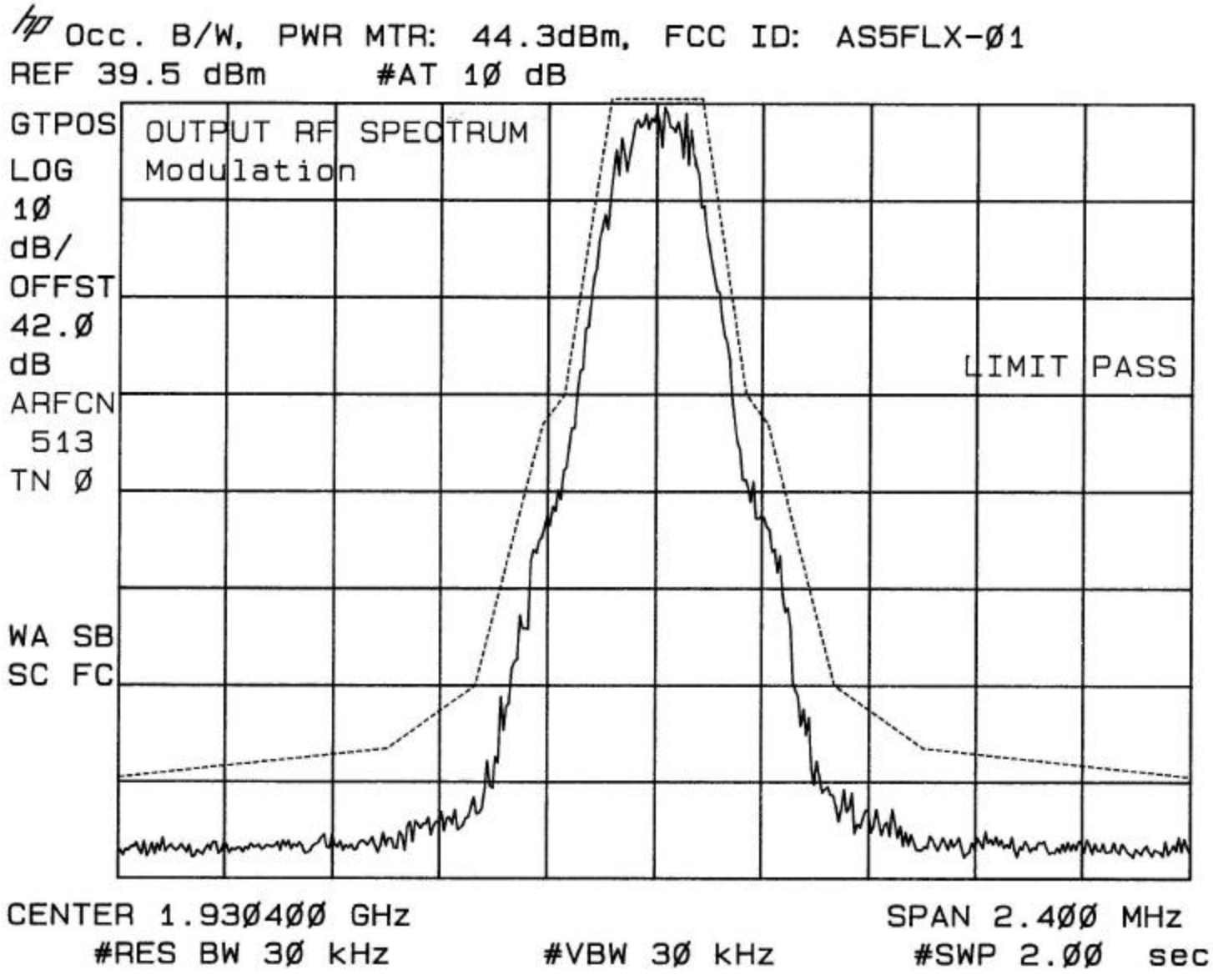
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	32.5	Ø.Ø	32.5
1ØØ kHz	-8.3	24.1	-9.3	23.2
2ØØ kHz	-38.4	-5.9	-35.4	-3.Ø
25Ø kHz	-4Ø.4	-7.9	-44.1	-11.6
4ØØ kHz	-68.4	-35.9	-68.2	-35.7
6ØØ kHz	-78.3	-45.8	-81.8	-49.4
8ØØ kHz	-82.Ø	-49.6	-79.7	-47.2
1ØØØ kHz	-81.3	-48.8	-82.2	-49.8
12ØØ kHz	-83.2	-5Ø.7	-79.7	-47.3
14ØØ kHz	-81.Ø	-48.5	-82.4	-49.9
16ØØ kHz	-81.1	-48.6	-81.9	-49.5
18ØØ kHz	-76.7	-44.2	-76.Ø	-43.5

CENTER 1.9376ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

08 MAY 2000


Occ. B/W, PWR MTR: 44.3dBm, FCC ID: AS5FLX-Ø1
REF 39.5 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
513
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.93Ø4ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1

REF 39.2 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
584
TN Ø
BURST
1

SA SB
SC EC

OUTPUT RF SPECTRUM
Modulation

Offset Freq	- Offset dB	- Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	32.3	Ø.Ø	32.3
1ØØ kHz	-9.3	23.Ø	-7.7	24.6
2ØØ kHz	-35.8	-3.6	-37.5	-5.2
25Ø kHz	-4Ø.4	-8.1	-42.8	-1Ø.5
4ØØ kHz	-69.5	-37.2	-72.7	-4Ø.4
6ØØ kHz	-79.8	-47.5	-8Ø.5	-48.2
8ØØ kHz	-78.7	-46.4	-79.5	-47.3
1ØØØ kHz	-83.8	-51.5	-8Ø.7	-48.5
12ØØ kHz	-84.5	-52.3	-82.1	-49.8
14ØØ kHz	-81.8	-49.5	-83.5	-51.2
16ØØ kHz	-82.6	-5Ø.4	-84.6	-52.3
18ØØ kHz	-76.1	-43.8	-75.4	-43.1

CENTER 1.9446ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø 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

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1

REF 39.2 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
649
TN Ø
BURST
1

SA SB
SC EC

OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	32.5	Ø.Ø	32.5
1ØØ kHz	-5.3	27.3	-8.Ø	24.5
2ØØ kHz	-37.6	-5.Ø	-38.Ø	-5.4
25Ø kHz	-45.1	-12.6	-42.2	-9.7
4ØØ kHz	-7Ø.3	-37.8	-68.9	-36.3
6ØØ kHz	-81.6	-49.Ø	-79.5	-47.Ø
8ØØ kHz	-77.3	-44.8	-81.2	-48.6
1ØØØ kHz	-81.9	-49.4	-84.Ø	-51.5
12ØØ kHz	-81.5	-49.Ø	-81.6	-49.1
14ØØ kHz	-8Ø.Ø	-47.4	-82.3	-49.8
16ØØ kHz	-83.Ø	-5Ø.4	-83.5	-51.Ø
18ØØ kHz	-77.8	-45.2	-78.3	-45.7

CENTER 1.9576ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

08 MAY 2000

Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1

REF 39.8 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
613
TN Ø
BURST
1

SA SB
SC EC

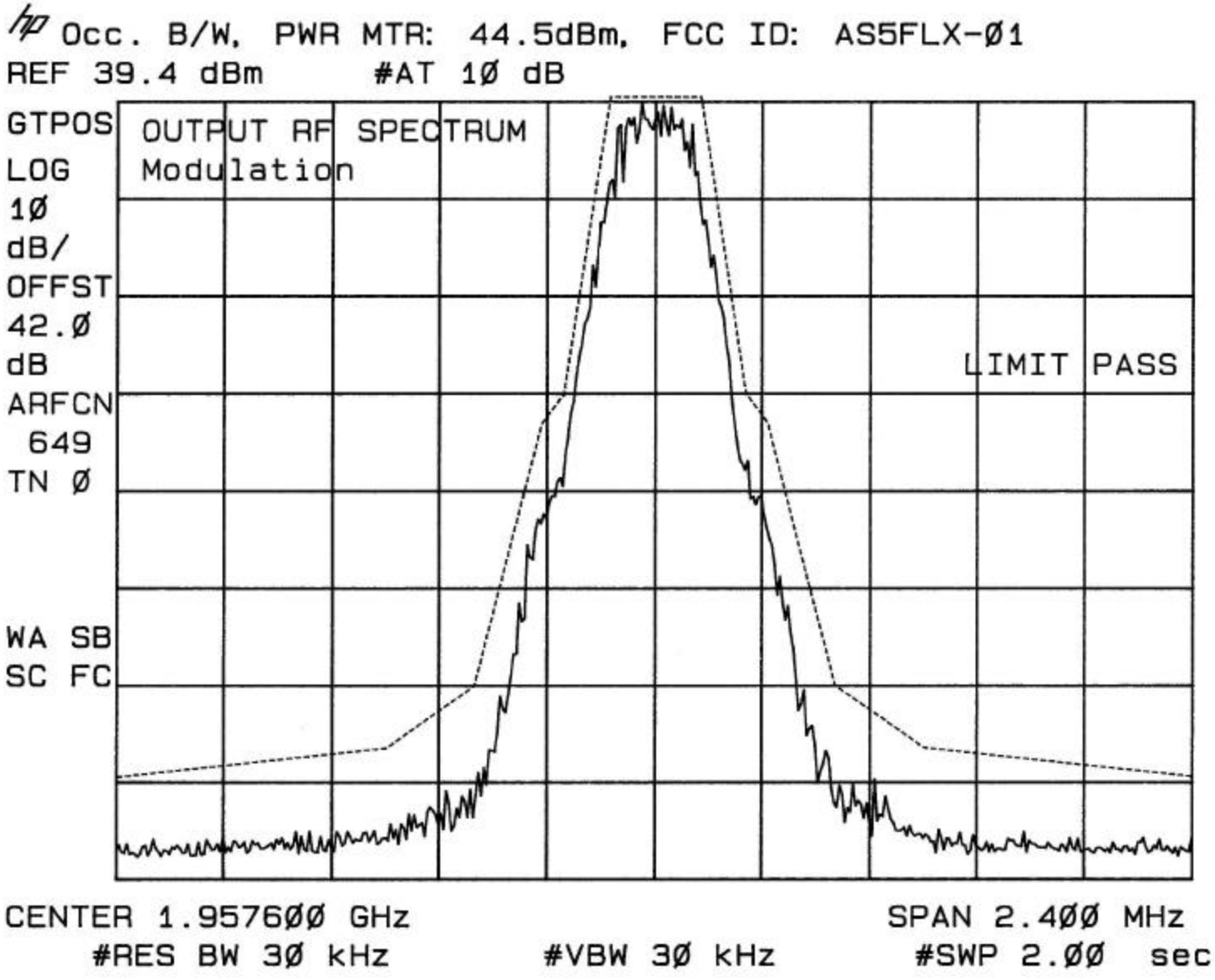
OUTPUT RF SPECTRUM
Modulation

Offset Freq	− Offset dB	− Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	32.5	Ø.Ø	32.5
1ØØ kHz	-5.8	26.7	-1Ø.5	22.Ø
2ØØ kHz	-34.3	-1.8	-36.5	-4.Ø
25Ø kHz	-41.4	-8.9	-43.1	-1Ø.6
4ØØ kHz	-69.6	-37.1	-68.7	-36.2
6ØØ kHz	-78.3	-45.8	-78.2	-45.7
8ØØ kHz	-81.Ø	-48.5	-8Ø.3	-47.8
1ØØØ kHz	-81.5	-49.Ø	-82.3	-49.8
12ØØ kHz	-81.Ø	-48.5	-82.7	-5Ø.2
14ØØ kHz	-82.5	-5Ø.Ø	-8Ø.2	-47.7
16ØØ kHz	-82.5	-5Ø.Ø	-82.3	-49.8
18ØØ kHz	-76.3	-43.8	-77.Ø	-44.5

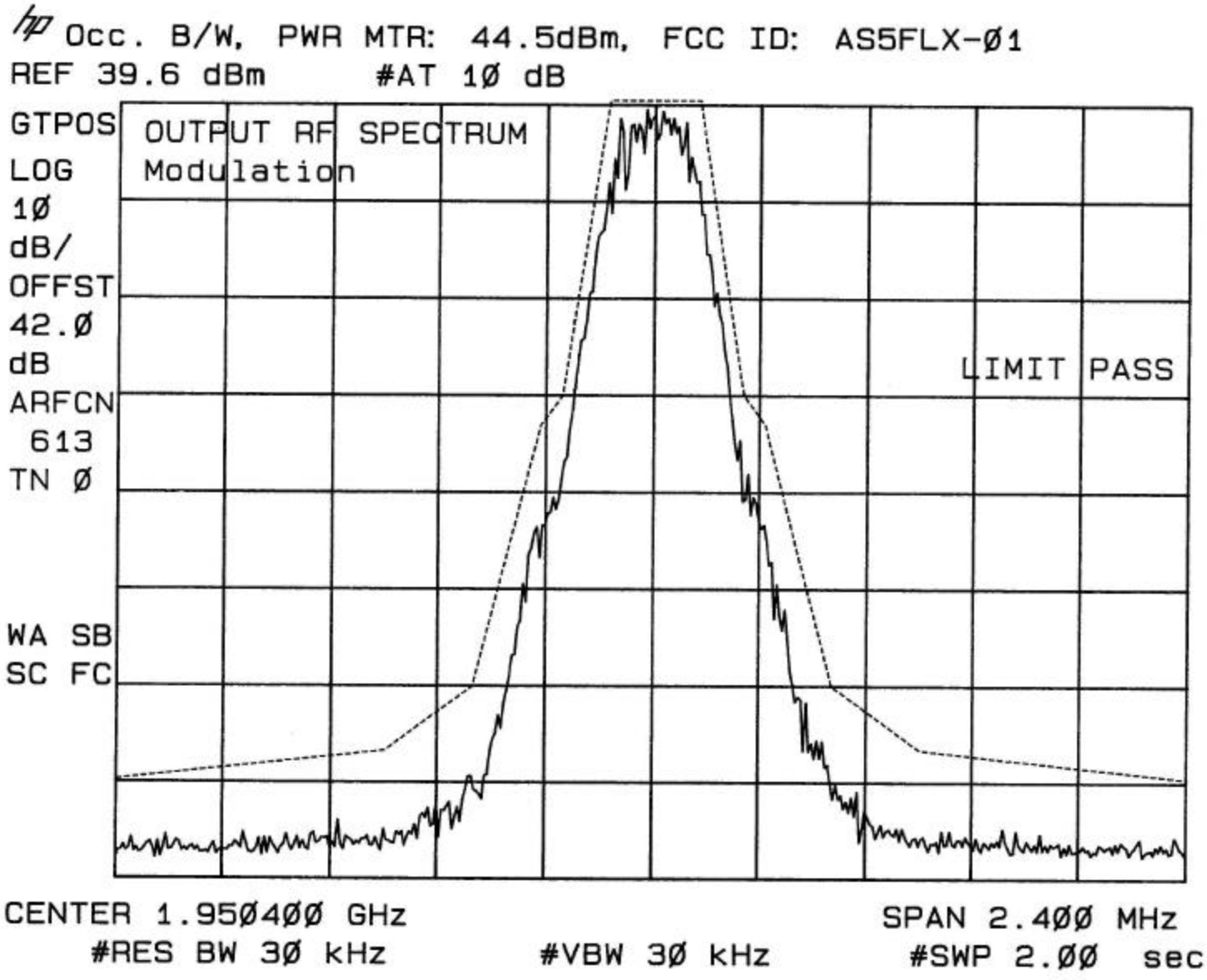
CENTER 1.95Ø4ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

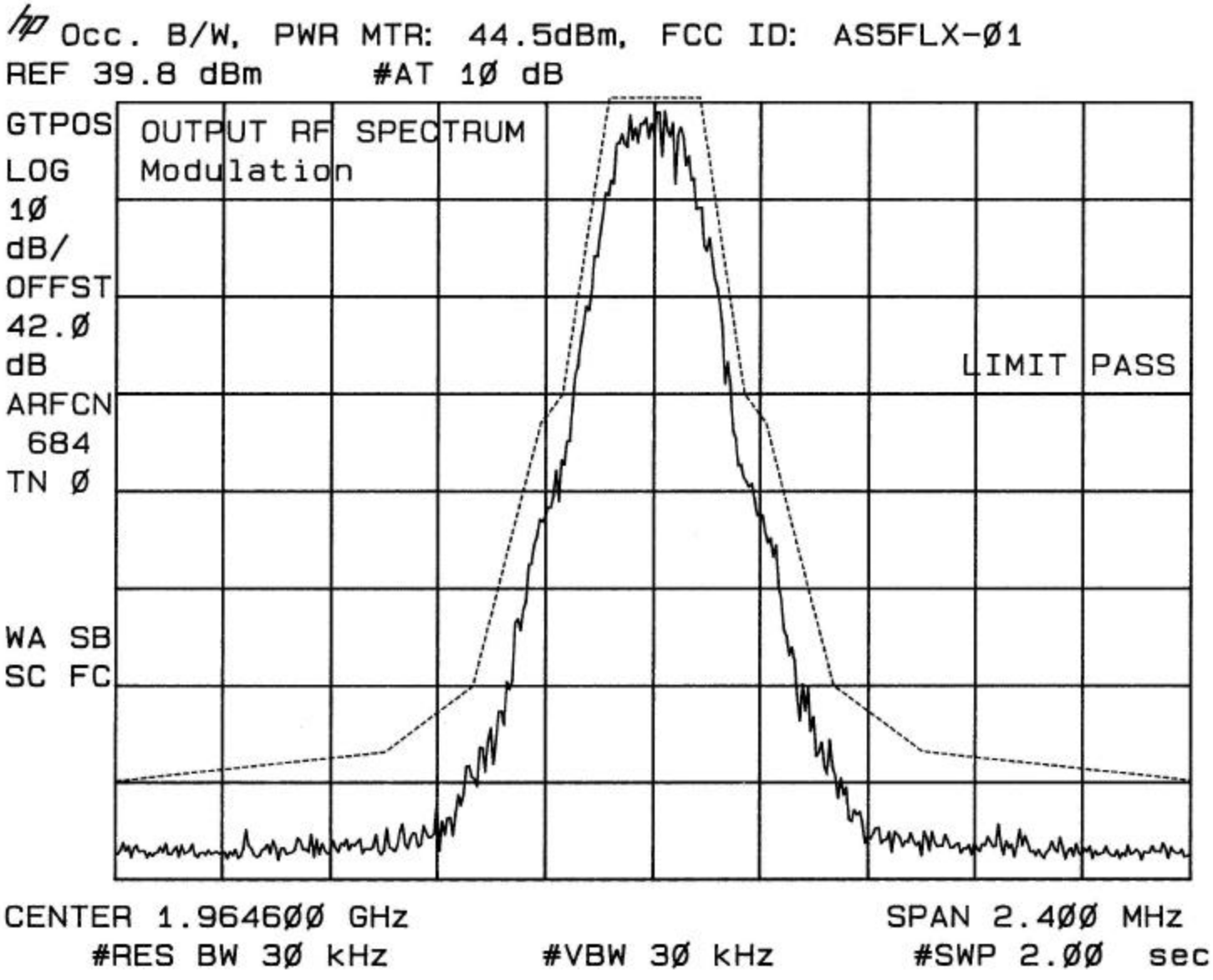
08 MAY 2000


Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1
REF 39.4 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
649
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.9576ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000


Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1
REF 39.6 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
613
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CENTER 1.95Ø4ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000


Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1
REF 39.8 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
684
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.964ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.5dBm, FCC ID: AS5FLX-Ø1

REF 39.6 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
684
TN Ø
BURST
1

SA SB
SC EC

OUTPUT RF SPECTRUM
Modulation

Offset Freq	- Offset dB	- Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	32.7	Ø.Ø	32.7
1ØØ kHz	-7.6	25.Ø	-13.9	18.7
2ØØ kHz	-36.6	-4.Ø	-35.1	-2.5
25Ø kHz	-4Ø.Ø	-7.4	-45.6	-13.Ø
4ØØ kHz	-68.8	-36.1	-67.4	-34.8
6ØØ kHz	-78.8	-46.2	-77.9	-45.3
8ØØ kHz	-79.9	-47.3	-81.4	-48.7
1ØØØ kHz	-83.4	-5Ø.8	-81.2	-48.5
12ØØ kHz	-83.4	-5Ø.7	-82.1	-49.4
14ØØ kHz	-82.3	-49.7	-83.4	-5Ø.7
16ØØ kHz	-82.4	-49.8	-83.2	-5Ø.6
18ØØ kHz	-76.Ø	-43.3	-78.Ø	-45.3

CENTER 1.9646ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

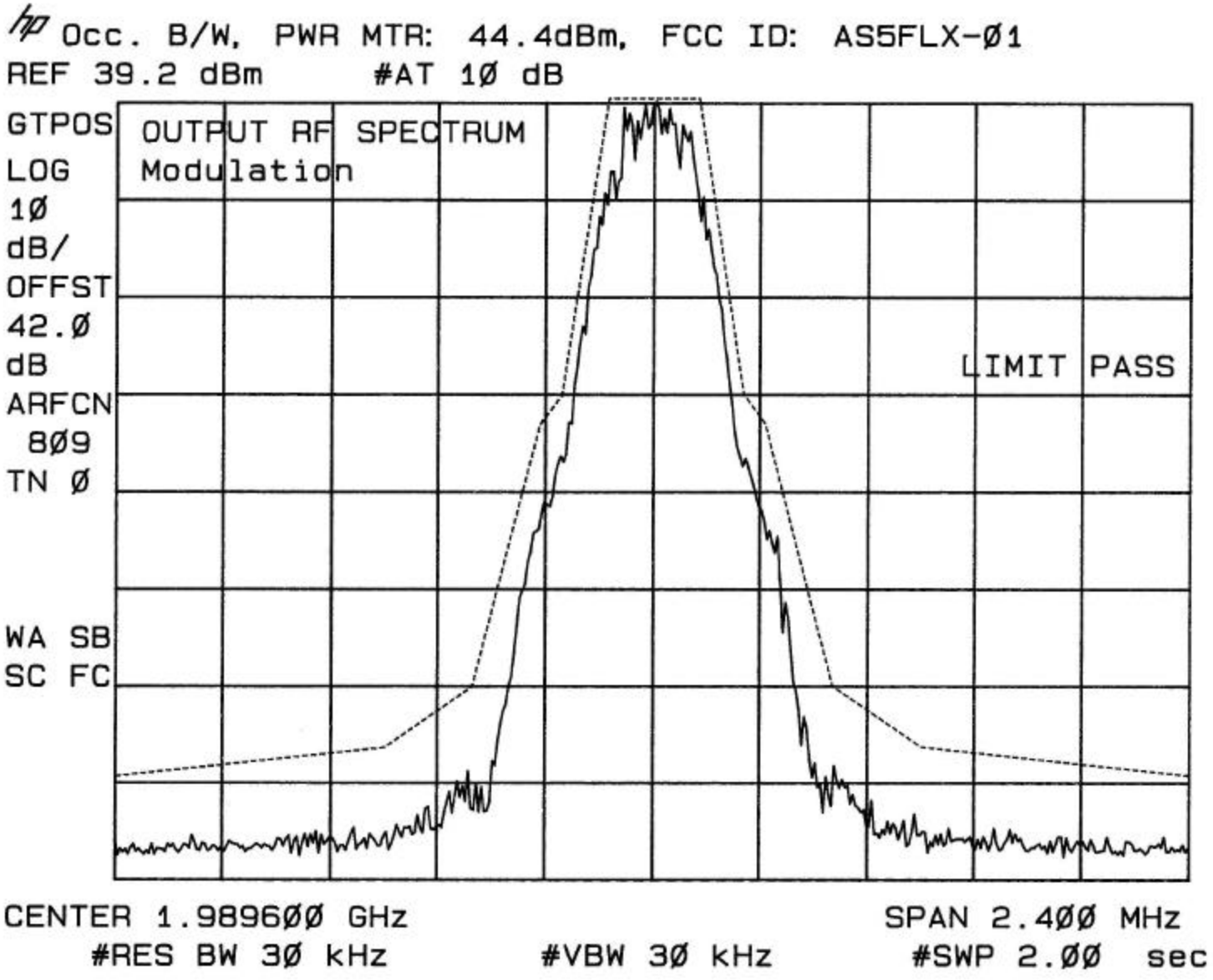
TWO CARRIER WITH COMBINER

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


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.2 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
8Ø9
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.9896ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 4Ø.Ø dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
738
TN Ø
BURST
1

SA SB
SC EC

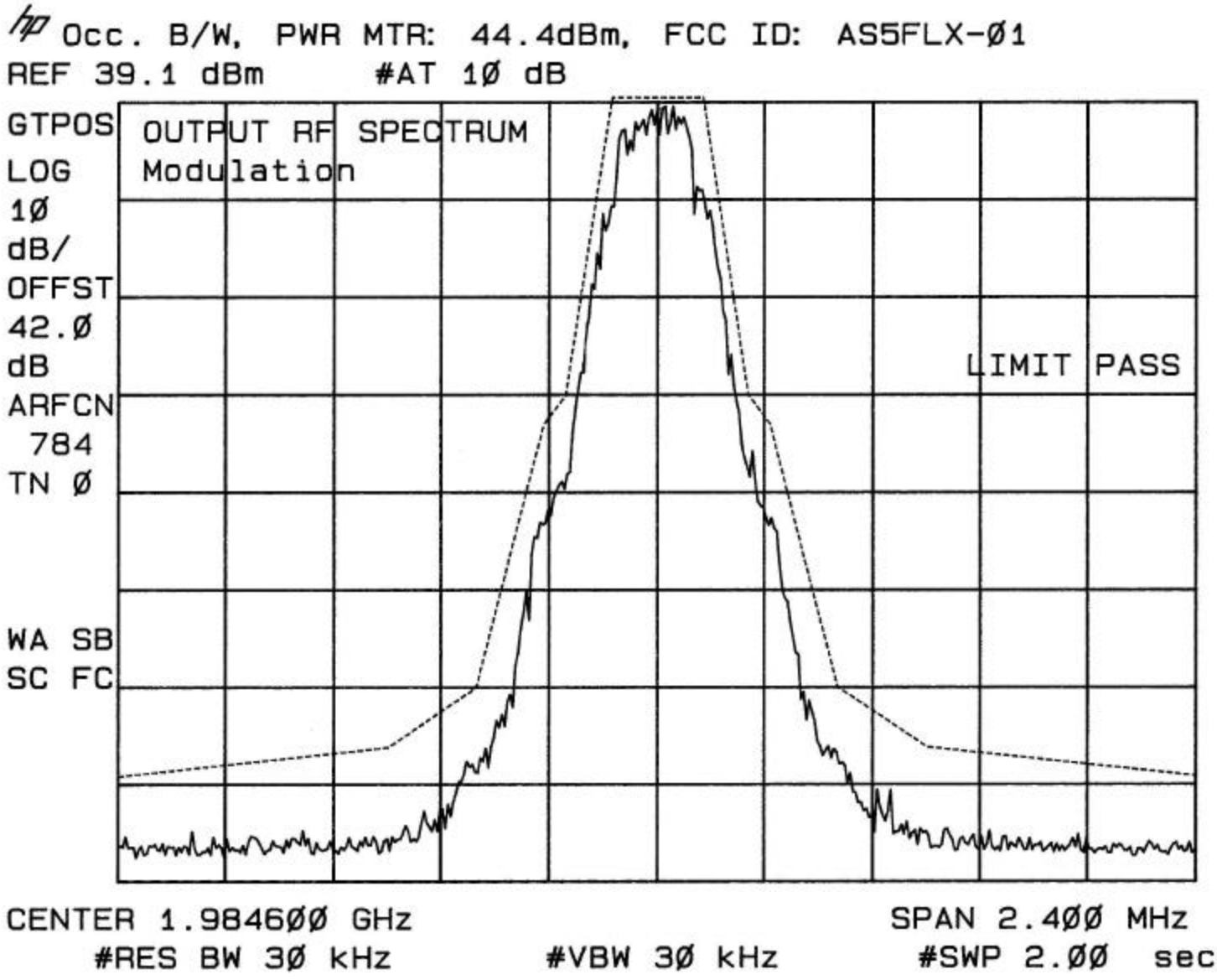
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	33.1	Ø.Ø	33.1
1ØØ kHz	-9.7	23.5	-8.Ø	25.1
2ØØ kHz	-37.6	-4.5	-36.4	-3.3
25Ø kHz	-4Ø.5	-7.4	-44.2	-11.1
4ØØ kHz	-71.8	-38.6	-7Ø.9	-37.8
6ØØ kHz	-82.5	-49.3	-77.4	-44.3
8ØØ kHz	-82.Ø	-48.8	-82.2	-49.1
1ØØØ kHz	-82.8	-49.7	-83.9	-5Ø.7
12ØØ kHz	-81.7	-48.5	-83.3	-5Ø.1
14ØØ kHz	-8Ø.5	-47.3	-8Ø.7	-47.6
16ØØ kHz	-85.2	-52.Ø	-83.4	-5Ø.3
18ØØ kHz	-79.1	-46.Ø	-77.1	-44.Ø

CENTER 1.9754ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

08 MAY 2000


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.1 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
784
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CENTER 1.9846ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 39.Ø dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
784
TN Ø
BURST
1

SA SB
SC EC

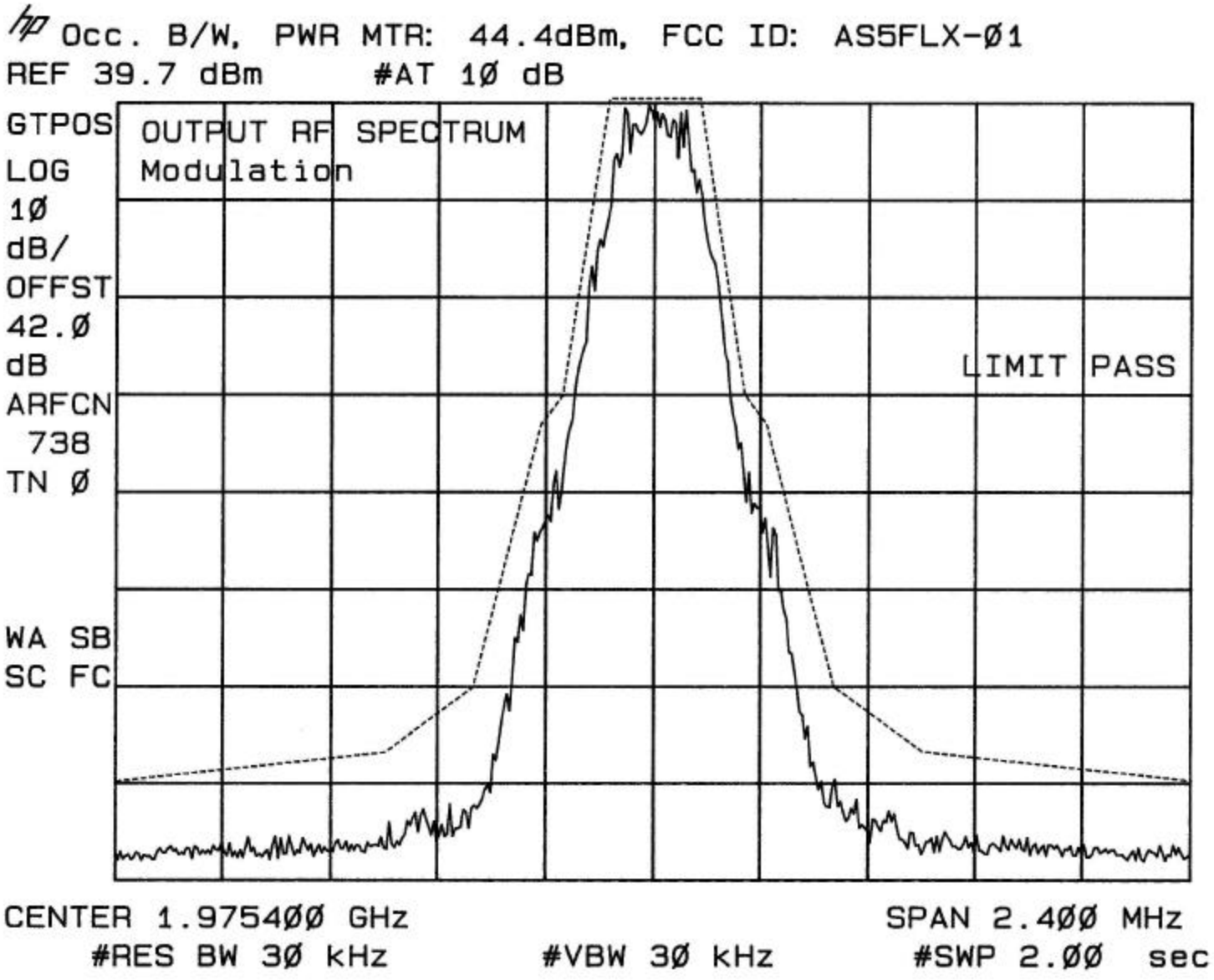
OUTPUT RF SPECTRUM
Modulation

Offset Freq	- Offset dB	- Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	32.7	Ø.Ø	32.7
1ØØ kHz	-1Ø.8	21.9	-8.8	23.9
2ØØ kHz	-36.3	-3.6	-35.6	-2.9
25Ø kHz	-42.6	-9.9	-43.7	-11.1
4ØØ kHz	-67.8	-35.1	-71.2	-38.5
6ØØ kHz	-79.5	-46.8	-77.Ø	-44.3
8ØØ kHz	-8Ø.8	-48.2	-8Ø.2	-47.5
1ØØØ kHz	-8Ø.2	-47.6	-79.6	-46.9
12ØØ kHz	-81.2	-48.6	-82.3	-49.6
14ØØ kHz	-84.9	-52.2	-84.9	-52.2
16ØØ kHz	-81.6	-48.9	-82.8	-5Ø.2
18ØØ kHz	-76.7	-44.Ø	-77.Ø	-44.3

CENTER 1.9846ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

08 MAY 2000


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.7 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
738
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CENTER 1.9754ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 39.6 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
8Ø9
TN Ø
BURST
1

SA SB
SC EC

OUTPUT RF SPECTRUM
Modulation

	− Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	32.6	Ø.Ø	32.6
1ØØ kHz	−12.2	2Ø.4	−1Ø.Ø	22.6
2ØØ kHz	−36.1	−3.5	−37.4	−4.8
25Ø kHz	−41.1	−8.5	−41.3	−8.7
4ØØ kHz	−72.Ø	−39.4	−73.Ø	−4Ø.4
6ØØ kHz	−8Ø.3	−47.6	−82.1	−49.5
8ØØ kHz	−79.5	−46.9	−81.Ø	−48.4
1ØØØ kHz	−81.1	−48.5	−85.3	−52.6
12ØØ kHz	−81.8	−49.2	−82.7	−5Ø.Ø
14ØØ kHz	−8Ø.6	−48.Ø	−82.8	−5Ø.2
16ØØ kHz	−82.9	−5Ø.3	−81.9	−49.3
18ØØ kHz	−76.7	−44.1	−76.9	−44.3

CENTER 1.9896ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø 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

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 4Ø.3 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
599
TN Ø
BURST
1

SA SB
SC EC

OUTPUT RF SPECTRUM
Modulation

Offset Freq	- Offset dB	- Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	32.6	Ø.Ø	32.6
1ØØ kHz	-7.1	25.5	-8.3	24.3
2ØØ kHz	-37.1	-4.5	-37.1	-4.6
25Ø kHz	-39.5	-7.Ø	-43.4	-1Ø.8
4ØØ kHz	-72.1	-39.5	-72.3	-39.7
6ØØ kHz	-79.4	-46.8	-78.9	-46.3
8ØØ kHz	-77.8	-45.2	-78.8	-46.2
1ØØØ kHz	-83.5	-5Ø.9	-81.6	-49.Ø
12ØØ kHz	-8Ø.8	-48.2	-82.Ø	-49.5
14ØØ kHz	-84.1	-51.5	-83.8	-51.2
16ØØ kHz	-81.4	-48.8	-82.3	-49.8
18ØØ kHz	-77.8	-45.2	-77.7	-45.1

CENTER 1.9476ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 39.8 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
588
TN Ø
BURST
1

SA SB
SC EC

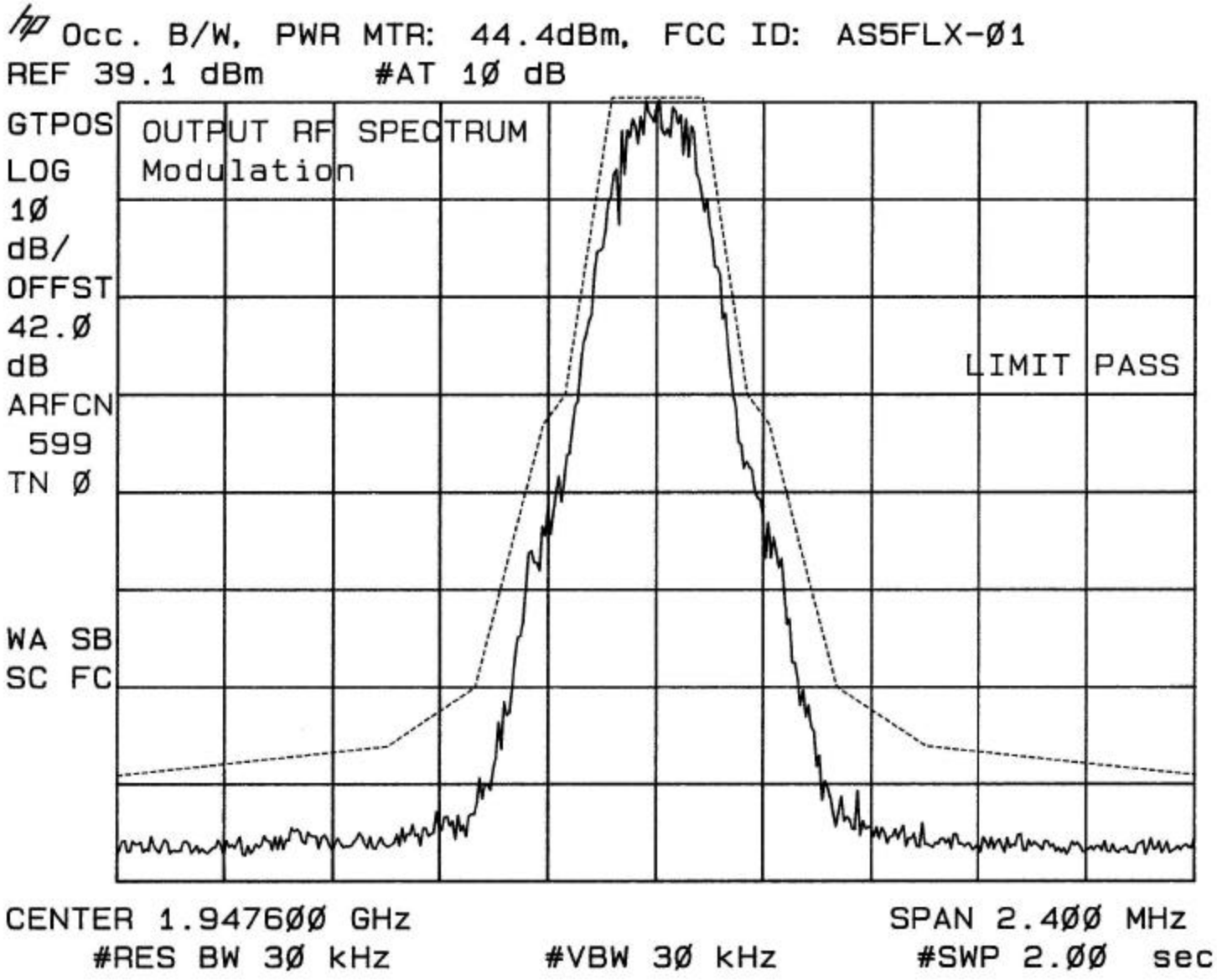
OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	32.1	Ø.Ø	32.1
1ØØ kHz	-5.9	26.3	-8.5	23.6
2ØØ kHz	-34.4	-2.2	-35.8	-3.7
25Ø kHz	-41.Ø	-8.9	-4Ø.8	-8.7
4ØØ kHz	-73.7	-41.6	-7Ø.6	-38.5
6ØØ kHz	-8Ø.Ø	-47.8	-79.7	-47.6
8ØØ kHz	-8Ø.8	-48.6	-8Ø.8	-48.6
1ØØØ kHz	-81.3	-49.2	-83.2	-51.Ø
12ØØ kHz	-82.5	-5Ø.4	-81.7	-49.5
14ØØ kHz	-8Ø.4	-48.2	-83.Ø	-5Ø.9
16ØØ kHz	-82.7	-5Ø.6	-81.5	-49.4
18ØØ kHz	-76.5	-44.3	-77.5	-45.3

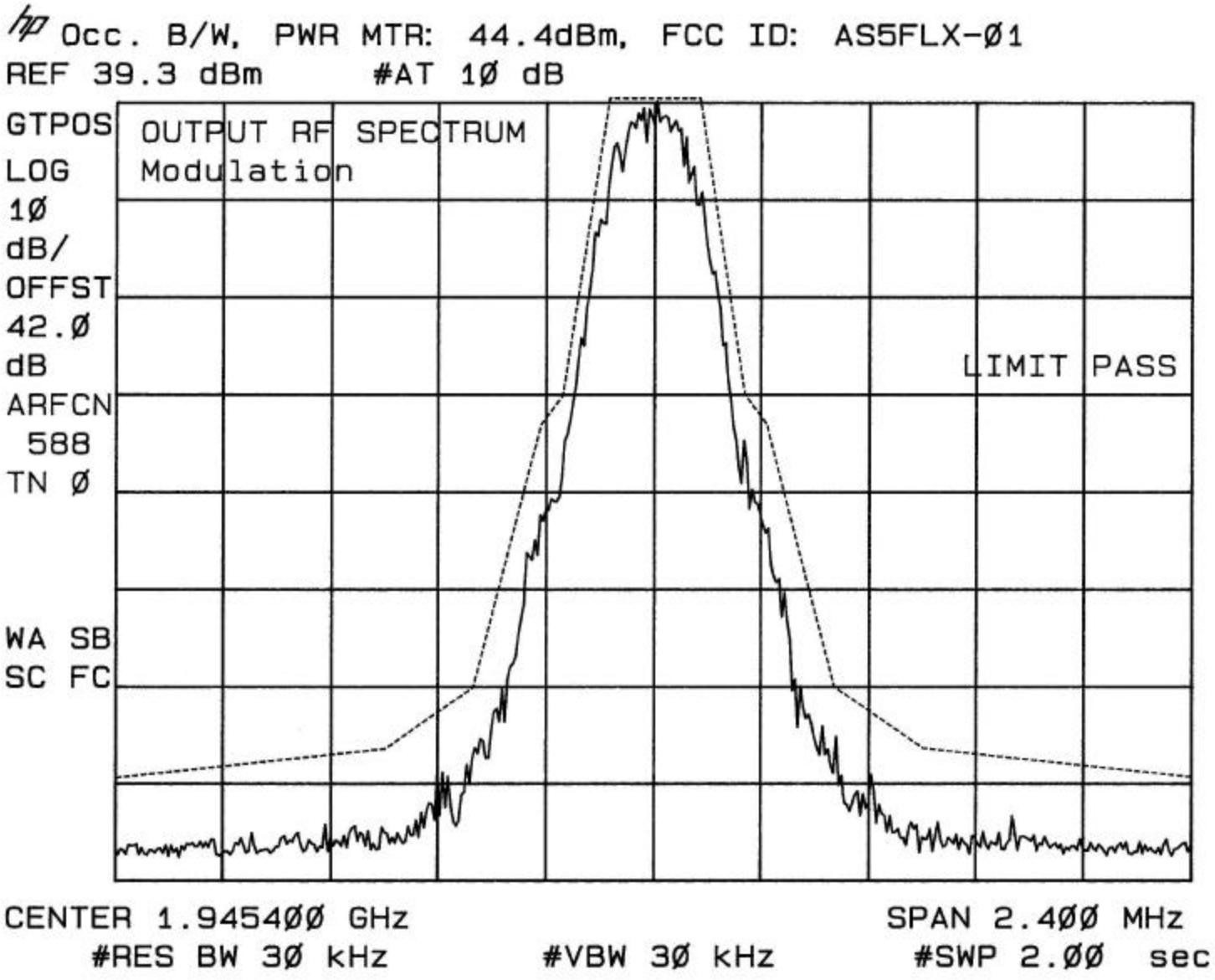
CENTER 1.9454ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

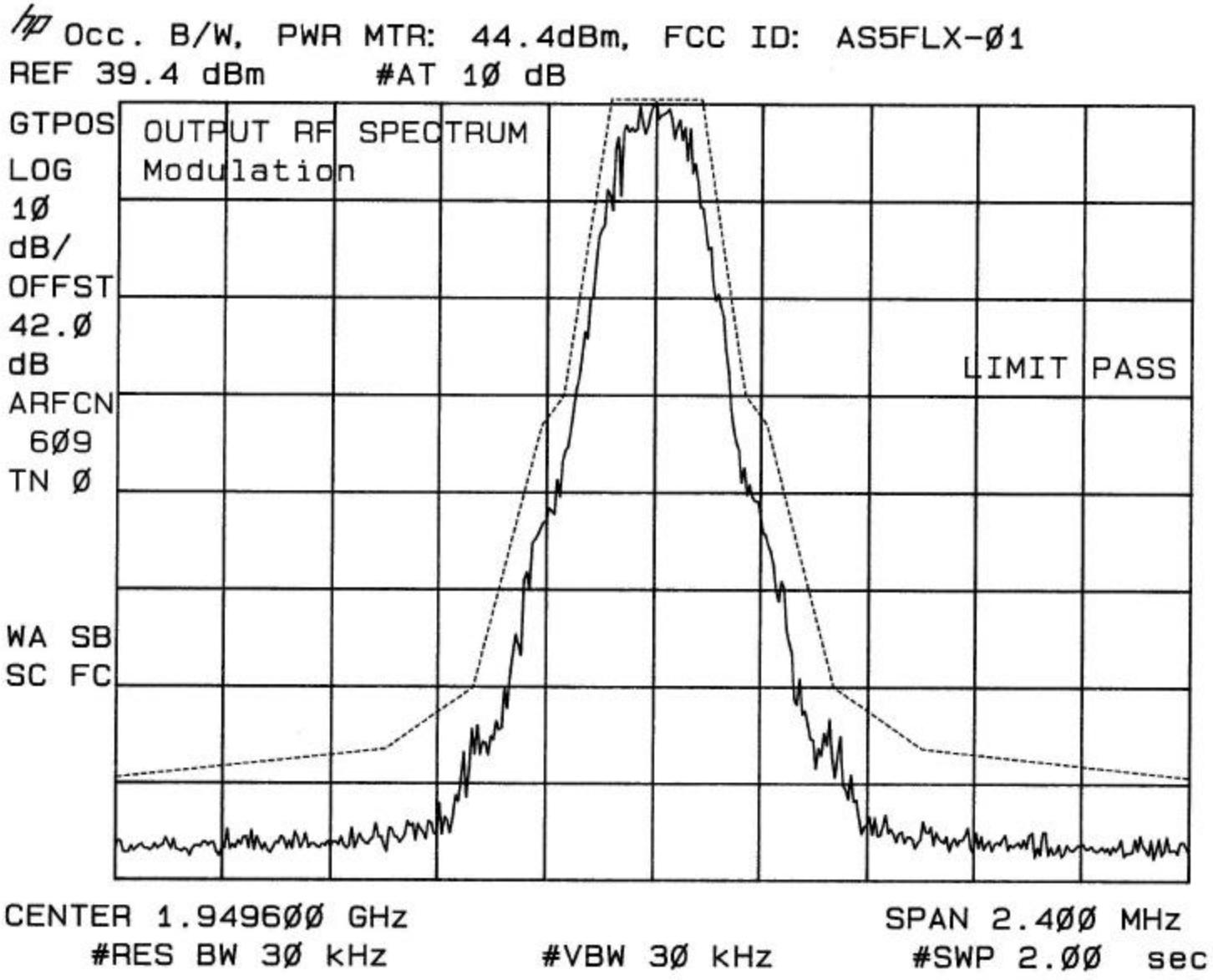
08 MAY 2000


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.1 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
599
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.947ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.3 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
588
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CENTER 1.9454ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.4 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
6Ø9
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.949600 GHz
SPAN 2.400 MHz
#RES BW 30 kHz
#VBW 30 kHz
#SWP 2.00 sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 39.Ø dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
6Ø9
TN Ø
BURST
1

SA SB
SC EC

OUTPUT RF SPECTRUM
Modulation

	− Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	32.8	Ø.Ø	32.8
1ØØ kHz	-1Ø.1	22.7	-1Ø.9	22.Ø
2ØØ kHz	-37.8	-5.Ø	-37.3	-4.5
25Ø kHz	-4Ø.5	-7.7	-44.7	-11.9
4ØØ kHz	-75.2	-42.3	-76.Ø	-43.1
6ØØ kHz	-8Ø.2	-47.4	-77.8	-44.9
8ØØ kHz	-79.7	-46.9	-81.2	-48.3
1ØØØ kHz	-82.5	-49.7	-83.2	-5Ø.4
12ØØ kHz	-82.4	-49.5	-83.2	-5Ø.3
14ØØ kHz	-83.5	-5Ø.7	-79.Ø	-46.1
16ØØ kHz	-78.9	-46.1	-81.7	-48.9
18ØØ kHz	-76.2	-43.4	-77.2	-44.4

CENTER 1.9496ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

MEASUREMENT: 3B

MEASUREMENT

OF

OCCUPIED BANDWIDTH

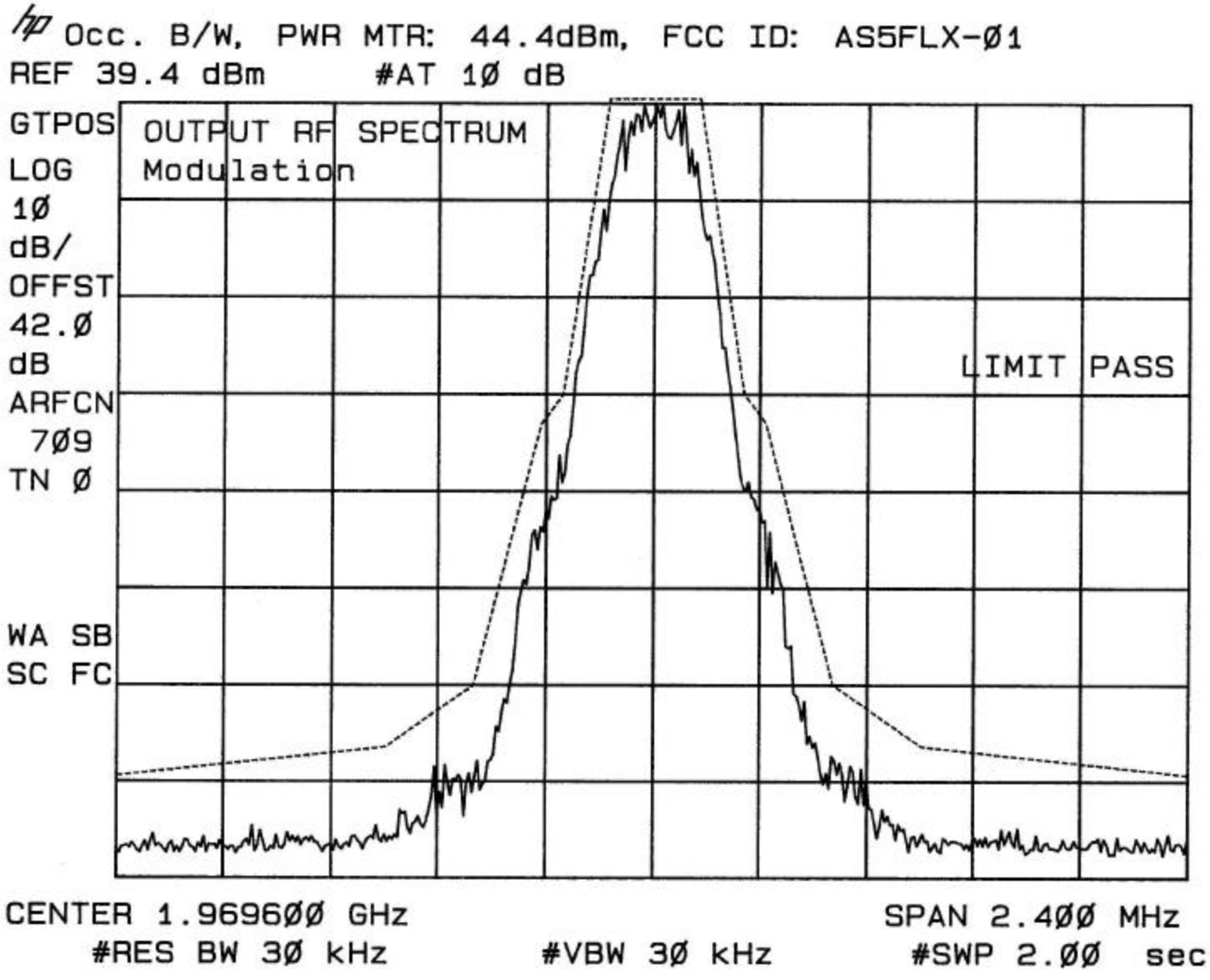
TWO CARRIER WITH COMBINER

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


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.4 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
7Ø9
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.969ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 4Ø.Ø dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
688
TN Ø
BURST
1

SA SB
SC EC

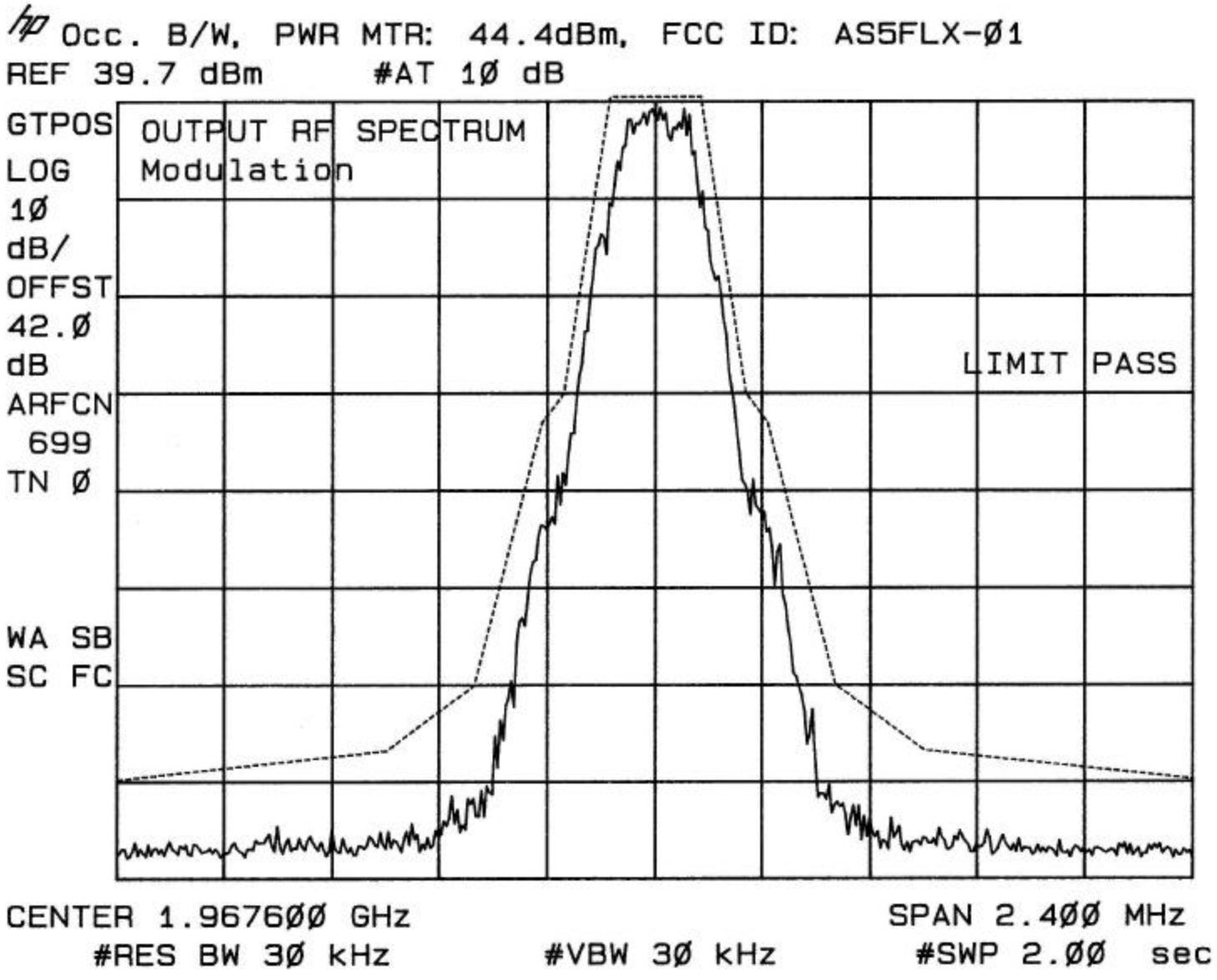
OUTPUT RF SPECTRUM
Modulation

Offset Freq	- Offset dB	- Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	33.2	Ø.Ø	33.2
1ØØ kHz	-6.9	26.3	-1Ø.5	22.6
2ØØ kHz	-37.5	-4.3	-37.8	-4.7
25Ø kHz	-42.Ø	-8.9	-43.4	-1Ø.2
4ØØ kHz	-72.Ø	-38.8	-72.3	-39.1
6ØØ kHz	-78.9	-45.8	-78.6	-45.4
8ØØ kHz	-79.7	-46.6	-8Ø.5	-47.4
1ØØØ kHz	-8Ø.8	-47.6	-79.5	-46.3
12ØØ kHz	-85.3	-52.2	-81.5	-48.4
14ØØ kHz	-81.6	-48.4	-84.3	-51.1
16ØØ kHz	-8Ø.8	-47.6	-82.4	-49.2
18ØØ kHz	-76.Ø	-42.9	-77.8	-44.7

CENTER 1.9654ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

08 MAY 2000


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.7 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
699
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.967ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 4Ø.Ø dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
699
TN Ø
BURST
1

SA SB
SC EC

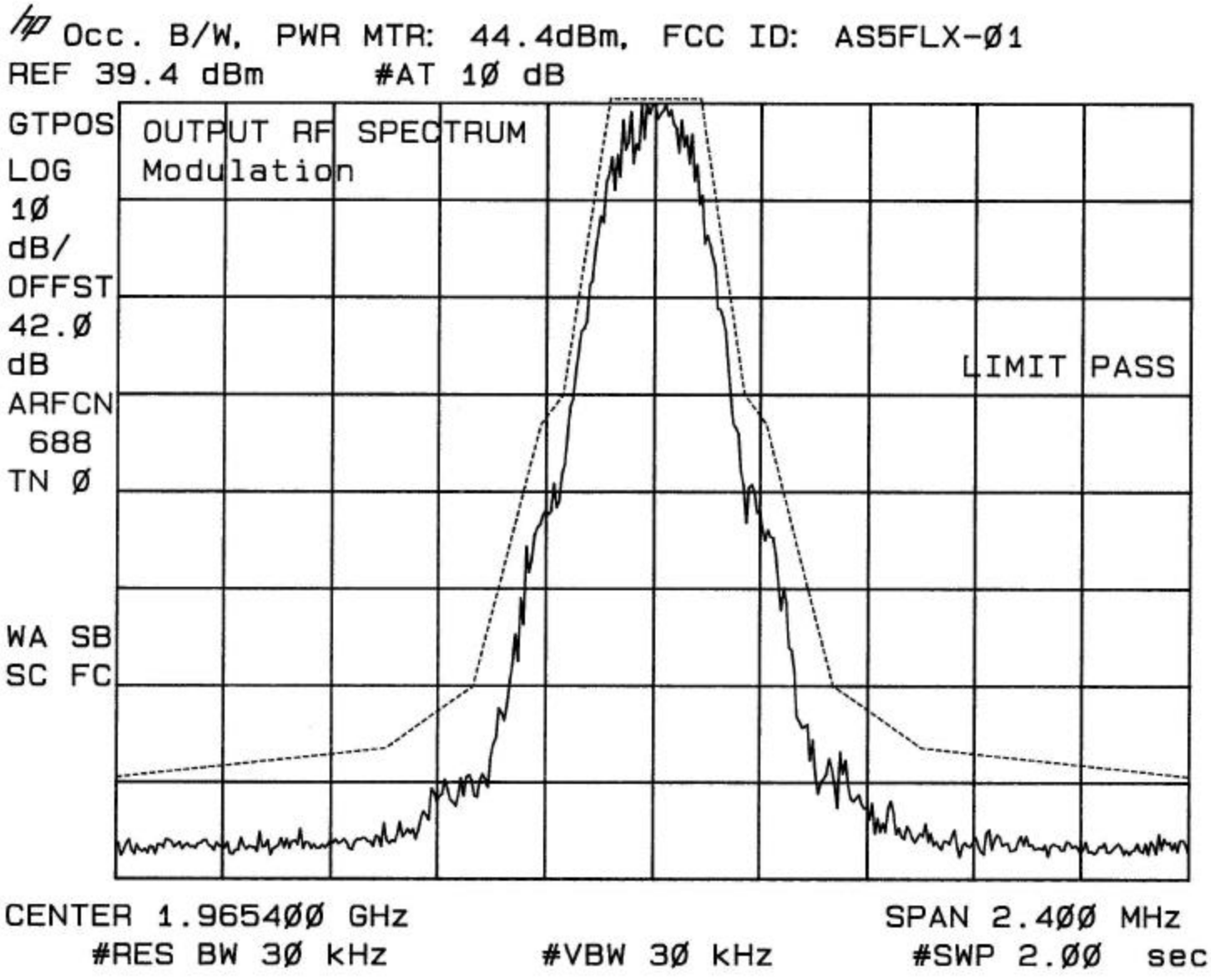
OUTPUT RF SPECTRUM
Modulation

Offset Freq	- Offset dB	- Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	32.6	Ø.Ø	32.6
1ØØ kHz	-7.2	25.4	-1Ø.4	22.3
2ØØ kHz	-36.9	-4.3	-37.6	-4.9
25Ø kHz	-42.6	-1Ø.Ø	-41.4	-8.7
4ØØ kHz	-7Ø.6	-38.Ø	-69.3	-36.7
6ØØ kHz	-79.7	-47.1	-8Ø.5	-47.9
8ØØ kHz	-81.Ø	-48.4	-79.8	-47.2
1ØØØ kHz	-79.7	-47.1	-81.6	-48.9
12ØØ kHz	-82.6	-49.9	-8Ø.4	-47.8
14ØØ kHz	-81.7	-49.1	-8Ø.Ø	-47.4
16ØØ kHz	-81.4	-48.7	-81.7	-49.1
18ØØ kHz	-78.Ø	-45.3	-78.4	-45.8

CENTER 1.9676ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

08 MAY 2000


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.4 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
688
TN Ø
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
WA SB
SC FC
CENTER 1.9654ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 4Ø.1 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
7Ø9
TN Ø
BURST
1

SA SB
SC EC

OUTPUT RF SPECTRUM
Modulation

	- Offset		+ Offset	
Offset Freq	dB	dBm	dB	dBm
Ø kHz	Ø.Ø	32.5	Ø.Ø	32.5
1ØØ kHz	-7.8	24.6	-7.3	25.2
2ØØ kHz	-38.7	-6.3	-37.Ø	-4.6
25Ø kHz	-4Ø.7	-8.2	-42.7	-1Ø.3
4ØØ kHz	-72.9	-4Ø.4	-72.4	-4Ø.Ø
6ØØ kHz	-76.9	-44.5	-79.4	-46.9
8ØØ kHz	-8Ø.8	-48.3	-77.3	-44.8
1ØØØ kHz	-81.5	-49.Ø	-82.7	-5Ø.3
12ØØ kHz	-82.9	-5Ø.5	-81.1	-48.6
14ØØ kHz	-79.Ø	-46.5	-83.3	-5Ø.9
16ØØ kHz	-8Ø.2	-47.7	-81.5	-49.1
18ØØ kHz	-78.Ø	-45.6	-77.2	-44.8

CENTER 1.9696ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø 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

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 38.8 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
713
TN Ø
BURST
1

SA SB
SC EC

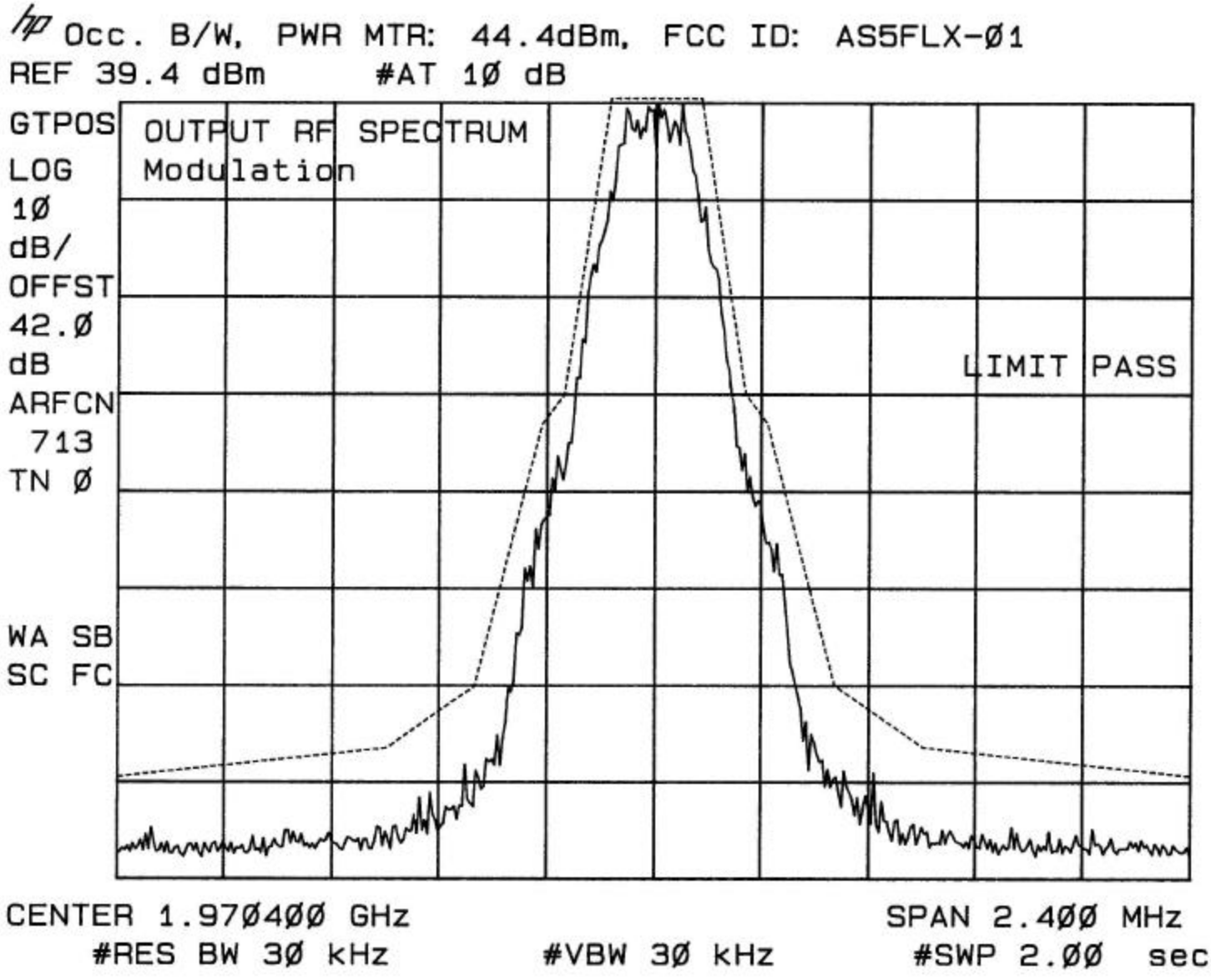
OUTPUT RF SPECTRUM
Modulation

Offset Freq	- Offset dB	- Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	33.Ø	Ø.Ø	33.Ø
1ØØ kHz	-8.4	24.6	-9.3	23.7
2ØØ kHz	-35.3	-2.4	-35.3	-2.4
25Ø kHz	-41.Ø	-8.Ø	-44.3	-11.4
4ØØ kHz	-74.2	-41.2	-73.9	-41.Ø
6ØØ kHz	-78.7	-45.7	-8Ø.4	-47.4
8ØØ kHz	-81.4	-48.4	-81.8	-48.8
1ØØØ kHz	-8Ø.8	-47.8	-81.5	-48.5
12ØØ kHz	-82.4	-49.4	-82.2	-49.2
14ØØ kHz	-82.5	-49.5	-84.4	-51.4
16ØØ kHz	-81.3	-48.3	-82.6	-49.6
18ØØ kHz	-77.5	-44.6	-76.9	-43.9

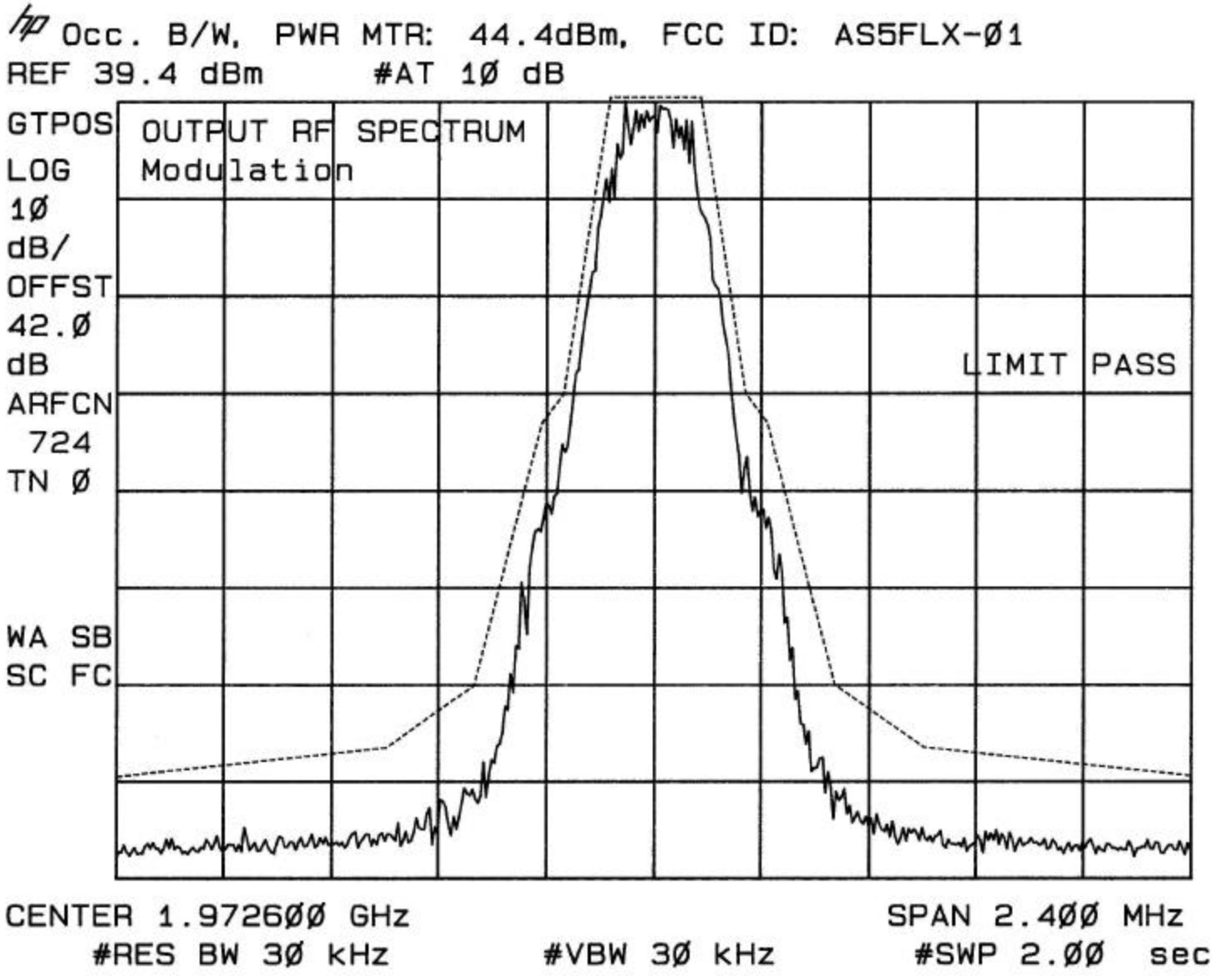
CENTER 1.97Ø4ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

08 MAY 2000


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.4 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
713
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.97Ø4ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.4 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
724
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.972ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

hp Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 38.8 dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
724
TN Ø
BURST
1

SA SB
SC EC

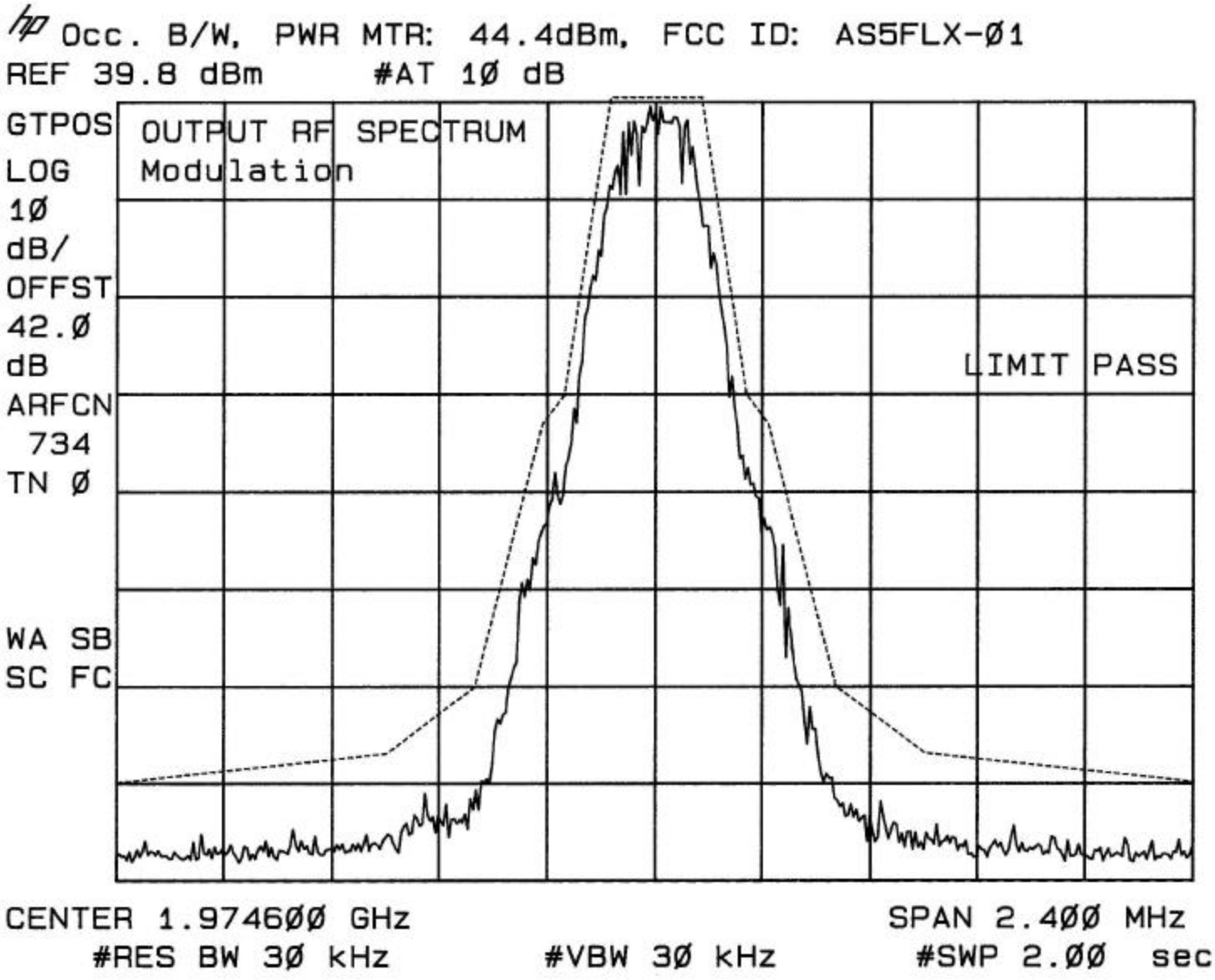
OUTPUT RF SPECTRUM
Modulation

Offset Freq	- Offset dB	- Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	33.1	Ø.Ø	33.1
1ØØ kHz	-9.Ø	24.1	-9.8	23.4
2ØØ kHz	-36.1	-3.Ø	-37.Ø	-3.8
25Ø kHz	-43.8	-1Ø.7	-44.1	-11.Ø
4ØØ kHz	-73.1	-4Ø.Ø	-69.9	-36.8
6ØØ kHz	-8Ø.Ø	-46.8	-81.3	-48.1
8ØØ kHz	-82.Ø	-48.9	-8Ø.2	-47.Ø
1ØØØ kHz	-82.3	-49.1	-85.1	-51.9
12ØØ kHz	-84.4	-51.3	-8Ø.8	-47.6
14ØØ kHz	-81.1	-48.Ø	-81.5	-48.4
16ØØ kHz	-82.5	-49.4	-84.9	-51.7
18ØØ kHz	-77.4	-44.2	-78.6	-45.5

CENTER 1.9726ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec

08 MAY 2000


Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1
REF 39.8 dBm
#AT 1Ø dB
GTPOS
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
734
TN Ø
WA SB
SC FC
OUTPUT RF SPECTRUM
Modulation
LIMIT PASS
CENTER 1.974ØØ GHz
SPAN 2.4ØØ MHz
#RES BW 3Ø kHz
#VBW 3Ø kHz
#SWP 2.ØØ sec

08 MAY 2000

Occ. B/W, PWR MTR: 44.4dBm, FCC ID: AS5FLX-Ø1

REF 4Ø.Ø dBm #AT 1Ø dB

GTSMP
LOG
1Ø
dB/
OFFST
42.Ø
dB
ARFCN
734
TN Ø
BURST
1

SA SB
SC EC

OUTPUT RF SPECTRUM
Modulation

Offset Freq	- Offset dB	- Offset dBm	+ Offset dB	+ Offset dBm
Ø kHz	Ø.Ø	32.8	Ø.Ø	32.8
1ØØ kHz	-7.1	25.7	-9.6	23.1
2ØØ kHz	-36.7	-3.9	-37.Ø	-4.2
25Ø kHz	-45.4	-12.6	-44.4	-11.6
4ØØ kHz	-71.6	-38.8	-72.7	-39.9
6ØØ kHz	-79.1	-46.4	-8Ø.9	-48.1
8ØØ kHz	-77.5	-44.8	-82.3	-49.5
1ØØØ kHz	-79.5	-46.7	-81.8	-49.Ø
12ØØ kHz	-82.5	-49.7	-81.1	-48.3
14ØØ kHz	-82.2	-49.4	-82.8	-5Ø.Ø
16ØØ kHz	-81.Ø	-48.3	-83.1	-5Ø.3
18ØØ kHz	-78.Ø	-45.3	-77.9	-45.1

CENTER 1.9746ØØØ GHz SPAN Ø Hz

#RES BW 3Ø kHz #VBW 3Ø kHz #SWP 32Ø µsec