



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

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1.0 INTRODUCTION

The or Certification of an FCC Part 22 is prepared on behalf of Samsung Telecommunications America in accordance with Part 2, and Part 24, of the Federal Communications Commissions rules and regulations. The Equipment Under Test (EUT) was the Pico-BTS 10W PRU, FCC ID: NP8-800-10-PRU. The test results reported in this document relate only to the item that was tested.

All measurements contained in this application were conducted in accordance with CFR 47, Part 22, ANSI C63.4 Methods of Measurement of Radio Noise Emissions, 1992. The instrumentation utilized for the measurements conforms to the ANSI C63.4 standard for EMI and Field Strength Instrumentation. Some accessories are used to increase sensitivity and prevent overloading of the measuring instruments. These are explained in the appendix of this report. Calibration checks are performed regularly on the instruments, and all accessories including the high pass filter, preamplifier and cables.

All radiated and conducted emission measurements were performed at National Technical Systems (NTS). The radiated emission measurements required by the rules were performed on the three and ten meter, open field, test range maintained by National Technical Systems (NTS) 1701 East Plano Parkway, Suite 150, Plano, TX 75074. Complete description and site attenuation measurement data have been placed on file with the Federal Communications Commission. National Technical Systems (NTS) is on the FCC accepted lab list as a facility available to do measurement work for others on a contract basis.



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1.1 RELATED SUBMITTAL(S)/GRANT(S)

This is an original submission for Certification.

1.2 EMISSIONS EQUIPMENT LIST

TABLE 1: EMISSIONS EQUIPMENT LIST

DESCRIPTION	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	LAST CAL. DATE	NEXT CAL. DATE
POWER METER	HEWLETT PACKARD	438A	3513U05937	3/9/99	3/9/00

1.3 TEST SYSTEM DETAILS

The FCC Identifiers for all equipment, plus descriptions of all cables used in the tested system (including inserted cards, which have grants) are:

TABLE 2: TEST SYSTEM DETAILS

EXTERNAL COMPONENTS

PART	MANUFACTURER	MODEL	SERIAL NUMBER	FCC ID	CABLE DESCRIPTION
PICO-BTS 10W PRU (EUT)	SAMSUNG ELECTRONICS	PICO-BTS 10W PRU		NP8-800-10-PRU	



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1.4 TEST METHODOLOGY

All tests were performed according to the procedures in FCC Part 22 and FCC Part 2. Field strength of spurious radiation testing was performed at an antenna to EUT distance of 3 and 10 meters. Additionally, spectrum efficiency standard, RF power output, spurious emissions at antenna terminal, occupied bandwidth, frequency stability versus temperature and voltage, transient frequency behavior were measured per FCC Rules and Regulations: CFR 47, part 22, October 1, 1997 and Part 2, October 1, 1997.

1.5 TEST FACILITY

The open area test site and conducted measurement facility used to collect the radiated data is located at National Technical Systems (NTS), 1701 East Plano Parkway, Suite 150, Plano TX 75074. This site has been fully described in a report dated March 3, 1994, submitted to and approved by the Federal Communication Commission to perform AC line conducted and radiated emissions testing (ANSI C63.4 1992).



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2.0 SYSTEM TEST CONFIGURATION

2.1 JUSTIFICATION

To complete the test configuration required by the FCC, the transmitter was connected to PMU to operate the transmitter. ET channels, available within the range 1931.25-1988.75 MHz, were investigated and tested from 9 kHz to 20 GHz. Only worst case emissions are used for final measurement. The manufacturer does not specify the antenna with the EUT. The antenna is the responsibility of the end user.

2.2 EUT EXERCISE SOFTWARE

The EUT was enabled to continuously transmit data.



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2.3 CONFORMANCE STATEMENT

I, the undersigned, hereby declare that the equipment tested and referenced in this report conforms to the identified standard(s) as described in this attached test record. No modifications were made during testing to the equipment in order to achieve compliance with these standards.

Furthermore, there was no deviation from, additions to or exclusions from the FCC Part 22 Type Certification Transmitter and Part 2 test methodology.

Signature: _____

Date: January 19, 2000

Typed/Printed Name: Michael Cantwell

Position: General Manager
(NVLAP Signatory)

 Accredited by the National Voluntary Accreditation Program for the specific scope of accreditation under Lab Code 20061-0.

Note: This report may not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.



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3.0 STANDARD REQUIREMENTS

TYPE CERTIFICATION FCC PART 22: PUBLIC MOBILE SERVICES SUBPART C: OPERATIONAL AND TECHNICAL REQUIREMENTS

3.1 FCC PART 22.355: FREQUENCY TOLERANCE

Except as otherwise provided in this part, the carrier frequency of each transmitter in the Public Mobile Services must be maintained within the tolerances given in below.

Frequency Range (MHz)	Base, fixed (ppm)
821 to 896	1.5

3.2 FCC PART 24.381: AUXILIARY TEST TRANSMITTERS

Auxiliary test transmitters may be used only for testing the performance of fixed receiving equipment located remotely from the control point. Auxiliary test transmitters may transmit only on channels designated for mobile transmitters.



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4.0 TEST RESULTS

TABLE 3: RADIATED EMISSIONS AT 10 METERS (GPS LINK)

(Temperature: 50°F, Humidity: 40%)

Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV/m)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	FCC Limit (dBuV/m)	FCC Margin (dB)
167.211	Qp	V	150	1.0	42.0	-9.2	32.8	43.5	-10.7
167.243	Qp	H	100	4.0	38.5	-9.1	29.4	43.5	-14.1
196.700	Qp	H	130	1.0	39.2	-10.1	29.1	43.5	-14.4
196.701	Qp	V	115	1.0	44.8	-9.3	35.5	43.5	-8.0
216.345	Qp	V	200	1.0	45.2	-9.8	35.4	46.4	-11.0
216.355	Qp	H	210	4.0	38.1	-10.7	27.4	46.4	-19.0
230.101	Qp	V	285	1.0	37.8	-9.6	28.2	46.4	-18.2
236.024	Qp	H	185	3.8	37.7	-10.0	27.7	46.4	-18.7
236.043	Qp	V	130	1.0	42.6	-9.2	33.4	46.4	-13.0
255.674	Qp	V	200	1.0	42.5	-8.2	34.3	46.4	-12.1
255.706	Qp	H	100	1.0	41.6	-8.1	33.5	46.4	-12.9
259.196	Qp	V	185	1.0	49.5	-7.9	41.6	46.4	-4.8
260.595	Qp	H	100	1.0	40.2	-7.8	32.4	46.4	-14.0
260.598	Qp	H	30	3.7	39.5	-7.8	31.7	46.4	-14.7
265.499	Qp	H	100	4.0	45.7	-7.6	38.1	46.4	-8.3
265.518	Qp	V	150	1.0	46.8	-7.3	39.5	46.4	-6.9
285.188	Qp	H	170	3.8	35.8	-6.5	29.3	46.4	-17.1
294.990	Qp	V	235	3.2	43.4	-6.0	37.4	46.4	-9.0
295.008	Qp	H	20	1.0	37.2	-6.5	30.7	46.4	-15.7
304.840	Qp	H	130	1.0	37.2	-6.6	30.6	46.4	-15.8
304.846	Qp	V	115	1.0	36.7	-6.4	30.3	46.4	-16.1
309.756	Qp	V	30	1.0	36.7	-6.2	30.5	46.4	-15.9
320.099	Qp	V	0	1.0	40.5	-5.8	34.7	46.4	-11.7
324.492	Qp	V	170	1.0	43.4	-5.5	37.9	46.4	-8.5
324.494	Qp	H	215	1.0	38.9	-5.7	33.2	46.4	-13.2
334.316	Qp	H	200	1.0	37.1	-5.5	31.6	46.4	-14.8
334.330	Qp	V	240	1.0	39.0	-5.4	33.6	46.4	-12.8
432.634	Qp	H	100	4.0	29.9	-2.3	27.6	46.4	-18.8
432.645	Qp	V	205	1.0	31.5	-2.3	29.2	46.4	-17.2
456.071	Qp	H	115	3.6	39.9	-2.0	37.9	46.4	-8.5
456.088	Qp	V	200	1.0	33.2	-1.7	31.5	46.4	-14.9
511.289	Qp	V	130	1.0	28.8	-0.6	28.2	46.4	-18.2
550.610	Qp	V	170	1.0	31.0	-0.5	30.5	46.4	-15.9
570.263	Qp	V	100	1.0	28.6	-0.5	28.1	46.4	-18.3
570.264	Qp	H	210	4.0	31.7	-0.8	30.9	46.4	-15.5
629.232	Qp	V	130	1.0	27.3	0.9	28.2	46.4	-18.2
648.889	Qp	H	220	4.0	31.3	0.9	32.2	46.4	-14.2
648.897	Qp	V	210	1.0	31.6	0.9	32.5	46.4	-13.9
668.565	Qp	V	200	1.0	29.4	1.6	31.0	46.4	-15.4
688.214	Qp	V	100	1.0	27.3	1.8	29.1	46.4	-17.3
707.881	Qp	H	130	1.0	34.4	2.1	36.5	46.4	-9.9
707.888	Qp	V	140	1.0	28.7	1.9	30.6	46.4	-15.8
1002.775	Av	V	140	1.0	18.0	5.3	23.3	49.5	-26.2
1002.784	Av	H	300	1.0	19.2	4.5	23.7	49.5	-25.8
1042.090	Av	V	145	1.0	20.0	5.7	25.7	49.5	-23.8
1042.096	Av	H	0	4.0	19.7	4.8	24.5	49.5	-25.0
2000.000	Av	V	180	1.0	12.7	13.4	26.1	49.5	-23.4

TEST PERSONNEL:

Signature: _____

Date: December 1, 1999

Typed/Printed Name: Daniel Wilkerson



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TABLE 4: RADIATED EMISSIONS AT 3 METERS (GPS LINK)

(Temperature: 50°F, Humidity: 40%)

Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV/m)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	FCC Limit (dBuV/m)	FCC Margin (dB)
2138.001	Av	V	200	3.8	40.9	2.1	43.0	60.0	-17.0
2138.037	Av	H	1	1.0	34.2	2.1	36.3	60.0	-23.7
2150.367	Av	H	100	1.0	35.8	2.1	37.9	60.0	-22.1
2250.543	Av	H	215	1.8	34.3	2.6	36.9	60.0	-23.1
2293.085	Av	H	215	1.0	33.0	2.8	35.8	60.0	-24.2
2394.126	Av	H	300	3.8	41.8	3.3	45.1	60.0	-14.9
2493.156	Av	H	215	1.0	44.0	3.8	47.8	60.0	-12.2
2663.250	Av	V	30	1.0	48.0	4.6	52.6	60.0	-7.4
3551.018	Av	V	30	1.0	42.0	10.2	52.2	60.0	-7.8
4055.001	Av	H	100	3.0	26.0	14.0	40.0	60.0	-20.0
4174.463	Av	H	115	1.0	32.3	12.8	45.1	60.0	-14.9
5593.415	Av	H	1	1.0	15.1	7.3	22.4	60.0	-37.6
5996.758	Av	V	180	1.0	34.0	9.8	43.8	60.0	-16.2
6126.841	Av	V	180	1.0	34.0	9.8	43.8	60.0	-16.2
6746.646	Av	H	110	1.0	30.2	10.5	40.7	60.0	-19.3
6746.646	Av	V	210	1.0	28.7	10.5	39.2	60.0	-20.8
10000.000	Av	H	180	1.0	25.7	11.7	37.4	60.0	-22.6
10000.000	Av	V	180	1.0	22.6	11.7	34.3	60.0	-25.7

TEST PERSONNEL:

Signature: _____

Date: December 1, 1999

Typed/Printed Name: Daniel Wilkerson



Company Name:	Samsung Telecommunications America
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TABLE 5: RADIATED EMISSIONS AT 10 METERS (GPS LINK B BAND)

(Temperature: 50°F, Humidity: 40%)

Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV/m)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	FCC Limit (dBuV/m)	FCC Margin (dB)
76.088	Qp	V	215	1.0	40.0	-14.3	25.7	39.1	-13.4
87.123	Qp	H	215	4.0	34.5	-12.4	22.1	39.1	-17.0
147.553	Qp	V	205	1.0	43.3	-9.2	34.1	43.5	-9.4
167.197	Qp	H	130	1.0	35.5	-9.1	26.4	43.5	-17.1
167.219	Qp	V	115	1.4	44.1	-9.2	34.9	43.5	-8.6
172.117	Qp	H	245	3.7	43.5	-9.3	34.2	43.5	-9.3
191.790	Qp	V	200	1.0	45.1	-9.5	35.6	43.5	-7.9
205.324	Qp	V	310	1.2	44.2	-8.5	35.7	43.5	-7.8
226.199	Qp	V	215	1.0	47.8	-9.8	38.0	46.4	-8.4
236.012	Qp	V	230	1.0	44.2	-9.2	35.0	46.4	-11.4
255.666	Qp	V	200	1.0	42.3	-8.2	34.1	46.4	-12.3
255.671	Qp	H	150	3.7	37.0	-8.1	28.9	46.4	-17.5
270.431	Qp	V	230	1.0	45.0	-7.1	37.9	46.4	-8.5
270.437	Qp	H	240	4.0	36.1	-7.6	28.5	46.4	-17.9
275.338	Qp	V	230	3.6	41.7	-6.8	34.9	46.4	-11.5
280.095	Qp	V	300	1.0	46.1	-6.4	39.7	46.4	-6.7
295.019	Qp	H	270	4.0	42.1	-6.5	35.6	46.4	-10.8
304.847	Qp	H	155	3.7	39.5	-6.6	32.9	46.4	-13.5
309.738	Qp	V	300	1.0	45.2	-6.2	39.0	46.4	-7.4
320.068	Qp	V	205	1.0	38.6	-5.8	32.8	46.4	-13.6
320.095	Qp	H	210	4.0	37.9	-5.9	32.0	46.4	-14.4
324.498	Qp	H	240	4.0	43.4	-5.7	37.7	46.4	-8.7
334.312	Qp	H	100	4.0	40.4	-5.5	34.9	46.4	-11.5
353.991	Qp	H	145	2.9	40.1	-4.9	35.2	46.4	-11.2
373.624	Qp	V	230	4.0	43.1	-4.2	38.9	46.4	-7.5
452.007	Qp	V	70	1.0	41.8	-1.6	40.2	46.4	-6.2
452.850	Qp	H	305	4.0	35.1	-1.9	33.2	46.4	-13.2
483.846	Qp	H	215	4.0	34.3	-1.0	33.3	46.4	-13.1
727.535	Qp	V	40	1.3	35.4	2.5	37.9	46.4	-8.5
727.551	Qp	H	200	3.6	30.1	2.3	32.4	46.4	-14.0
1000.300	Av	H	100	3.4	34.9	-5.5	29.4	49.5	-20.1
1071.104	Av	H	140	1.0	40.2	-5.0	35.2	49.5	-14.3
1098.550	Av	V	140	1.0	42.9	-3.9	39.0	49.5	-10.5
1154.021	Av	V	100	1.6	41.0	-3.5	37.5	49.5	-12.0
1211.984	Av	V	130	1.4	39.5	-3.1	36.4	49.5	-13.1
1225.755	Av	V	150	1.0	38.2	-3.0	35.2	49.5	-14.3
1400.257	Av	H	130	1.0	32.9	-2.7	30.2	49.5	-19.3
1680.137	Av	H	230	1.0	37.8	-0.3	37.5	49.5	-12.0
1721.243	Av	V	215	1.0	40.8	0.6	41.4	49.5	-8.1
1937.967	Av	V	240	1.0	36.9	2.3	39.2	49.5	-10.3

TEST PERSONNEL:

Signature: _____
 Typed/Printed Name: Daniel Wilkerson

Date: December 1, 1999



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TABLE 6: RADIATED EMISSIONS AT 3 METERS (GPS LINK B BAND)

(Temperature: 50°F, Humidity: 40%)

Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV/m)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	FCC Limit (dBuV/m)	FCC Margin (dB)
2007.589	Av	H	145	2.3	41.5	1.4	42.9	60.0	-17.1
2286.195	Av	H	300	2.4	42.1	2.8	44.9	60.0	-15.1
2293.495	Av	V	250	1.4	36.0	2.8	38.8	60.0	-21.2
2358.193	Av	H	210	3.6	40.4	3.1	43.5	60.0	-16.5
2393.456	Av	V	300	1.0	44.2	3.3	47.5	60.0	-12.5
2603.066	Av	H	100	2.5	36.9	4.3	41.2	60.0	-18.8
2615.151	Av	V	120	1.4	37.7	4.4	42.1	60.0	-17.9
2660.139	Av	H	1	1.0	46.9	4.6	51.5	60.0	-8.5
2668.047	Av	H	110	1.8	45.3	4.6	49.9	60.0	-10.1
3542.359	Av	V	145	1.3	38.4	10.1	48.5	60.0	-11.5
3544.370	Av	H	215	2.0	41.3	10.1	51.4	60.0	-8.6
4610.872	Av	H	130	2.0	34.6	10.3	44.9	60.0	-15.1
4810.372	Av	H	170	1.5	29.2	11.3	40.5	60.0	-19.5
4901.130	Av	V	105	1.0	35.2	11.7	46.9	60.0	-13.1
4980.931	Av	V	215	3.4	38.6	12.1	50.7	60.0	-9.3
5000.000	Av	H	180	1.0	27.6	6.7	34.3	60.0	-25.7
5484.953	Av	V	345	1.4	32.4	6.7	39.1	60.0	-20.9
6429.000	Av	V	55	1.7	27.4	9.8	37.2	60.0	-22.8
6429.060	Av	H	200	1.0	29.4	9.8	39.2	60.0	-20.8
10000.000	Av	H	180	1.0	14.2	11.7	25.9	60.0	-34.1
10000.000	Av	V	180	1.0	13.9	11.7	25.6	60.0	-34.4

TEST PERSONNEL:

Signature: _____

Date: December 1, 1999

Typed/Printed Name: Daniel Wilkerson



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

TABLE 7: RADIATED EMISSIONS AT 10 METERS (GPS LINK A & B BANDS)
(Temperature: 50°F, Humidity: 40%)

Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV/m)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	FCC Limit (dBuV/m)	FCC Margin (dB)
133.048	Qp	H	130	1.0	40.0	-8.0	32.0	43.5	-11.5
147.525	Qp	H	150	3.7	40.2	-8.5	31.7	43.5	-11.8
167.208	Qp	V	130	1.0	39.9	-9.2	30.7	43.5	-12.8
172.111	Qp	V	270	2.3	44.9	-9.5	35.4	43.5	-8.1
191.785	Qp	V	210	1.0	45.6	-9.5	36.1	43.5	-7.4
196.699	Qp	V	140	1.0	48.4	-9.3	39.1	43.5	-4.4
206.519	Qp	H	210	1.0	49.1	-9.7	39.4	43.5	-4.1
221.311	Qp	H	130	2.0	41.3	-10.7	30.6	46.4	-15.8
236.012	Qp	H	300	1.0	40.5	-10.0	30.5	46.4	-15.9
236.020	Qp	V	210	1.0	44.5	-9.2	35.3	46.4	-11.1
245.849	Qp	H	190	1.0	39.3	-9.2	30.1	46.4	-16.3
245.849	Qp	V	230	1.0	38.7	-8.8	29.9	46.4	-16.5
265.493	Qp	H	185	3.0	36.8	-7.6	29.2	46.4	-17.2
265.534	Qp	V	230	1.0	41.6	-7.3	34.3	46.4	-12.1
280.073	Qp	H	160	3.0	39.3	-6.9	32.4	46.4	-14.0
285.143	Qp	H	70	4.0	34.8	-6.5	28.3	46.4	-18.1
290.080	Qp	V	200	2.0	38.8	-6.0	32.8	46.4	-13.6
294.975	Qp	V	1210	1.0	45.6	-6.0	39.6	46.4	-6.8
294.984	Qp	H	125	4.0	38.7	-6.5	32.2	46.4	-14.2
300.144	Qp	H	155	2.5	34.5	-6.4	28.1	46.4	-18.3
304.821	Qp	V	230	1.0	39.0	-6.4	32.6	46.4	-13.8
304.830	Qp	H	105	3.5	35.5	-6.6	28.9	46.4	-17.5
314.652	Qp	H	105	4.0	34.3	-6.3	28.0	46.4	-18.4
314.668	Qp	V	130	1.0	37.9	-6.2	31.7	46.4	-14.7
344.150	Qp	H	220	1.0	30.0	-5.2	24.8	46.4	-21.6
344.161	Qp	V	300	1.0	32.8	-5.3	27.5	46.4	-18.9
570.240	Qp	H	310	4.0	32.1	-0.8	31.3	46.4	-15.1
570.271	Qp	V	165	1.0	30.7	-0.5	30.2	46.4	-16.2
575.846	Qp	H	170	1.5	36.3	-0.6	35.7	46.4	-10.7
575.854	Qp	V	110	1.0	33.8	-0.4	33.4	46.4	-13.0
580.090	Qp	H	195	1.0	33.8	-0.4	33.4	46.4	-13.0
580.100	Qp	V	145	1.0	27.9	-0.1	27.8	46.4	-18.6
604.638	Qp	H	65	1.0	36.8	-0.6	36.2	46.4	-10.2
604.640	Qp	V	295	1.0	30.5	0.6	31.1	46.4	-15.3
609.570	Qp	H	35	1.0	34.4	0.2	34.6	46.4	-11.8
609.578	Qp	V	330	1.0	26.8	0.9	27.7	46.4	-18.7
619.380	Qp	H	130	1.0	30.0	1.0	31.0	46.4	-15.4
629.224	Qp	H	305	1.0	32.3	0.8	33.1	46.4	-13.3
629.228	Qp	V	350	1.0	28.0	0.9	28.9	46.4	-17.5
662.210	Qp	V	250	1.0	31.4	1.3	32.7	46.4	-13.7
662.212	Qp	H	145	1.0	36.0	1.5	37.5	46.4	-8.9
668.570	Qp	V	305	1.0	30.4	1.6	32.0	46.4	-14.4
688.227	Qp	V	225	1.0	28.6	1.8	30.4	46.4	-16.0
688.230	Qp	H	85	1.0	33.1	1.8	34.9	46.4	-11.5
707.860	Qp	H	210	1.0	36.1	2.1	38.2	46.4	-8.2
707.878	Qp	V	175	1.0	33.9	1.9	35.8	46.4	-10.6
719.780	Qp	H	105	1.0	28.9	2.3	31.2	46.4	-15.2
719.808	Qp	V	165	1.0	31.0	2.4	33.4	46.4	-13.0
727.526	Qp	H	15	1.0	31.5	2.3	33.8	46.4	-12.6



Company Name:	Samsung Telecommunications America
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727.548	Qp	V	185	1.0	31.0	2.5	33.5	46.4	-12.9
748.578	Qp	V	155	1.0	36.1	2.6	38.7	46.4	-7.7
748.580	Qp	H	60	1.0	35.2	2.3	37.5	46.4	-8.9
999.900	Qp	V	105	1.0	30.7	5.4	36.1	49.5	-13.4
1000.278	Av	H	5	1.0	21.3	4.5	25.8	49.5	-23.7
1000.278	Av	H	5	1.0	18.4	4.5	22.9	49.5	-26.6
1058.982	Av	V	100	1.0	29.9	5.9	35.8	49.5	-13.7
1059.590	Av	H	40	1.0	16.5	5.2	21.7	49.5	-27.8
1200.310	Av	V	100	1.0	24.2	7.1	31.3	49.5	-18.2
1200.396	Av	H	10	1.5	17.8	6.8	24.6	49.5	-24.9
1392.491	Av	V	100	1.0	26.3	8.6	34.9	49.5	-14.6
1396.979	Av	V	100	1.0	28.9	8.6	37.5	49.5	-12.0
1405.616	Av	H	50	1.0	24.6	7.8	32.4	49.5	-17.1
1408.299	Av	H	0	1.0	30.2	7.6	37.8	49.5	-11.7
1413.555	Av	H	335	1.0	25.2	7.5	32.7	49.5	-16.8

TEST PERSONNEL:

Signature: _____

Date: December 1, 1999

Typed/Printed Name: Daniel Wilkerson



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

TABLE 8: RADIATED EMISSIONS AT 3 METERS (GPS LINK A & BANDS)

(Temperature: 50°F, Humidity: 40%)

Emission Frequency (MHz)	Test Detector	Antenna Polarity (H/V)	Turntable Azimuth (deg)	Antenna Height (m)	Analyzer Reading (dBuV/m)	Site Correction Factor (dB/m)	Emission Level (dBuV/m)	FCC Limit (dBuV/m)	FCC Margin (dB)
2000.000	Av	H	300	4.0	43.4	1.4	44.8	60.0	-15.2
2188.158	Av	V	200	1.0	33.5	2.3	35.8	60.0	-24.2
2300.840	Av	V	240	1.0	39.1	2.8	41.9	60.0	-18.1
2396.724	Av	H	130	2.3	38.8	3.3	42.1	60.0	-17.9
2401.581	Av	V	100	1.0	41.0	3.3	44.3	60.0	-15.7
2474.482	Av	V	210	1.0	43.6	3.7	47.3	60.0	-12.7
2663.307	Av	H	310	2.5	43.2	4.6	47.8	60.0	-12.2
2667.806	Av	V	210	1.0	48.2	4.6	52.8	60.0	-7.2
2839.162	Av	V	240	1.0	32.2	5.5	37.7	60.0	-22.3
2839.168	Av	V	210	1.0	37.9	5.5	43.4	60.0	-16.6
4000.000	Av	H	100	1.0	22.9	14.5	37.4	60.0	-22.6
4000.000	Av	V	180	1.0	23.6	14.5	38.1	60.0	-21.9
5000.000	Av	V	100	1.0	21.3	12.2	33.5	60.0	-26.5
6645.053	Av	H	100	1.0	27.9	10.2	38.1	60.0	-21.9
9999.620	Av	H	325	1.0	22.4	11.7	34.1	60.0	-25.9
9999.817	Av	V	155	1.0	22.3	11.7	34.0	60.0	-26.0

TEST PERSONNEL:

Signature: _____

Date: December 1, 1999

Typed/Printed Name: Daniel Wilkerson



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

4.1 FREQUENCY STABILITY FUNCTION OF TEMPERATURE

TABLE 9: FCC PART 22: FREQUENCY STABILITY FUNCTION OF TEMPERATURE (A BAND DUPLEXER)

LOWER BAND EDGE, CHANNEL 23, 870.69MHz				
PRU w/A-band Duplexer				
Temp. Variation @ Nominal AC Input Voltage of 115 VAC				
Temp (°C)	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
-30	6.3	2	0.99	39.69
-20	-19.9	2	0.99	39.95
-10	-8	2	0.99	39.9
0	-13	2	0.99	39.88
10	14	2	0.99	39.72
30	-5.6	2	0.99	39.59
40	-13	2	0.99	39.32
50	14	2	0.99	38.83

UPPER BAND EDGE, CHANNEL 311, 879.33 MHz				
PRU w/A-band Duplexer				
Temp. Variation @ Nominal AC Input Voltage of 115 VAC				
Temp (°C)	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
-30	-8.1	2	0.99	39.95
-20	-6.8	2	0.99	39.98
-10	-7	2	0.99	39.75
0	-4	2	0.99	39.93
10	-5	2	0.99	39.84
30	-16	2	0.99	39.51
40	-21	2	0.99	39.15
50	-26	2	0.99	38.77

LOWER BAND EDGE, CHANNEL 23, 870.69MHz				
PRU w/A-band Duplexer				
Input Voltage Variations @ 20° C				
Voltage VAC	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
97.75	-23	2	0.99	39.65
115	10	2	0.99	39.65
132.25	18	2	0.99	39.65

UPPER BAND EDGE, CHANNEL 311, 879.33 MHz				
PRU w/A-band Duplexer				
Input Voltage Variations @ 20° C				
Voltage VAC	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
97.75	-13.7	2	0.99	39.2
115	-14	2	0.99	39.17
132.25	-11.4	2	0.99	39.18

TABLE 10: FCC PART 22: FREQUENCY STABILITY FUNCTION OF TEMPERATURE (B BAND DUPLEXER)

LOWER BAND EDGE, CHANNEL 356, 880.68 MHz				
PRU w/B-band Duplexer				
Temp. Variation @ Nominal AC Input Voltage of 115 VAC				
Temp (°C)	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
-30	-10	2.0	0.99	40.0
-20	-4	2.0	0.99	40.0
-10	-20	2.0	0.99	39.8
0	-8	2.0	0.99	39.9
10	-27	2.0	0.99	39.9
30	-24	1.8	0.99	39.7
40	-28	2.0	0.99	39.4
50	-23	2.0	0.99	39.3

UPPER BAND EDGE, CHANNEL 644, 889.32 MHz				
PRU w/B-band Duplexer				
Temp. Variation @ Nominal AC Input Voltage of 115 VAC				
Temp (°C)	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
-30	-8	1.9	0.99	40.0
-20	4	1.9	0.99	40.0
-10	3	2.0	0.99	39.9
0	4	2.0	0.99	39.9
10	2	2.0	0.99	39.6
30	-11	2.0	0.99	39.6
40	4	2.0	0.99	39.4
50	-10	2.0	0.99	39.0

LOWER BAND EDGE, CHANNEL 356, 880.68 MHz				
PRU w/B-band Duplexer				
Input Voltage Variations @ 20° C				
Voltage VAC	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
97.75	-13	1.8	0.99	39.9
115.00	-20	1.8	0.99	39.9
132.25	-16	1.8	0.99	40.0

UPPER BAND EDGE, CHANNEL 644, 889.32 MHz				
PRU w/B-band Duplexer				
Input Voltage Variations @ 20° C				
Voltage VAC	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
97.75	-16	1.8	0.99	39.8
115.00	-5	1.8	0.99	39.7
132.25	-5	1.8	0.99	39.8



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

TABLE 11: FCC PART 22: FREQUENCY STABILITY FUNCTION OF TEMPERATURE (A & B BAND DUPLEXER)

LOWER BAND EDGE, CHANNEL 689, 890.67 MHz PRU w/A'B'-band Duplexer Temp. Variation @ Nominal AC Input Voltage of 115 VAC				
Temp (°C)	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
-30	-14	1.9	0.99	39.3
-20	8	1.8	0.99	39.6
-10	-7	1.9	0.99	39.9
0	10	1.8	0.99	39.7
10	3	1.8	0.99	39.5
30	4	1.8	0.99	39.9
40	5	1.8	0.99	39.5
50	6	1.9	0.99	39.2

UPPER BAND EDGE, CHANNEL 777, 893.31 MHz PRU w/A'B'-band Duplexer Temp. Variation @ Nominal AC Input Voltage of 115 VAC				
Temp (°C)	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
-30	-3	1.9	0.99	39.1
-20	-16	1.9	0.99	39.9
-10	-11	1.8	0.99	39.8
0	-6	1.9	0.99	39.7
10	-9	1.9	0.99	39.7
30	-12	1.8	0.99	39.8
40	-10	1.9	0.99	39.4
50	-10	1.9	0.99	39.3

LOWER BAND EDGE, CHANNEL 689, 890.67 MHz PRU w/A'B'-band Duplexer Input Voltage Variations @ 20° C				
Voltage VAC	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
97.75	-12	1.8	0.99	40.0
115	-7	1.8	0.99	39.8
132.25	-12	1.8	0.99	39.7

UPPER BAND EDGE, CHANNEL 777, 893.31 MHz PRU w/A'B'-band Duplexer Input Voltage Variations @ 20° C				
Voltage VAC	Frequency Tolerance (Hz)	Time Ref. Reference (µS)	Rho	Output Power (dBm)
97.75	-6	1.8	0.99	39.6
115	-9	1.8	0.99	39.5
132.25	-6	1.9	0.99	39.6

TABLE 12: OUTPUT POWER

	B-Band Duplexer	A'/B' Duplexer	A-Band
Channel	519	739	148
Power	39.66 dBm	39.79 dBm	39.3 dBm



Company Name:	<i>Samsung Telecommunications America</i>
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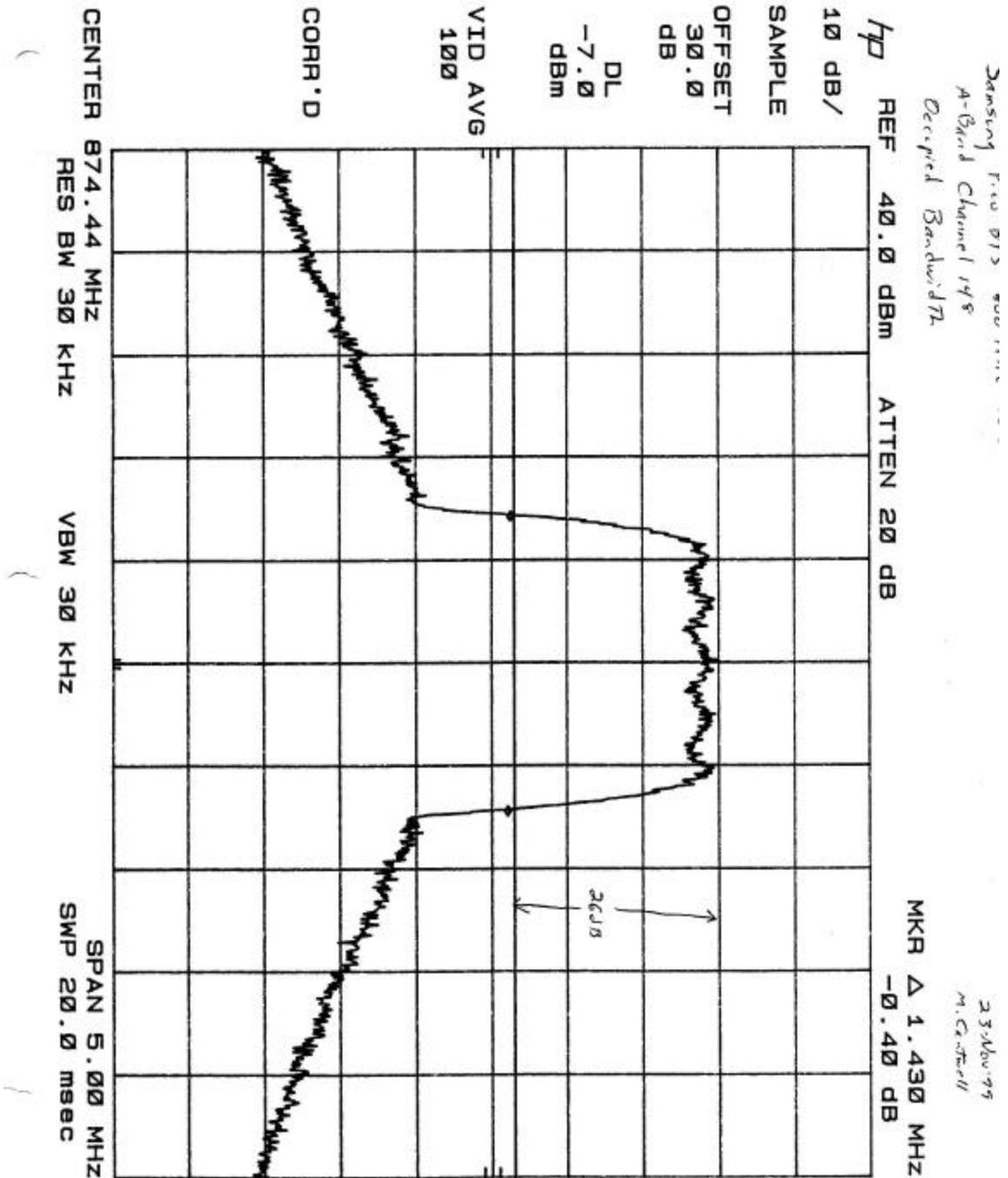
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<i>FCC ID:</i>	<i>NP8-800-PRU</i>
<i>Work Order Number</i>	<i>2000081 / A0387</i>

APPENDIX B:

OCCUPIED BANDWIDTH PLOTS



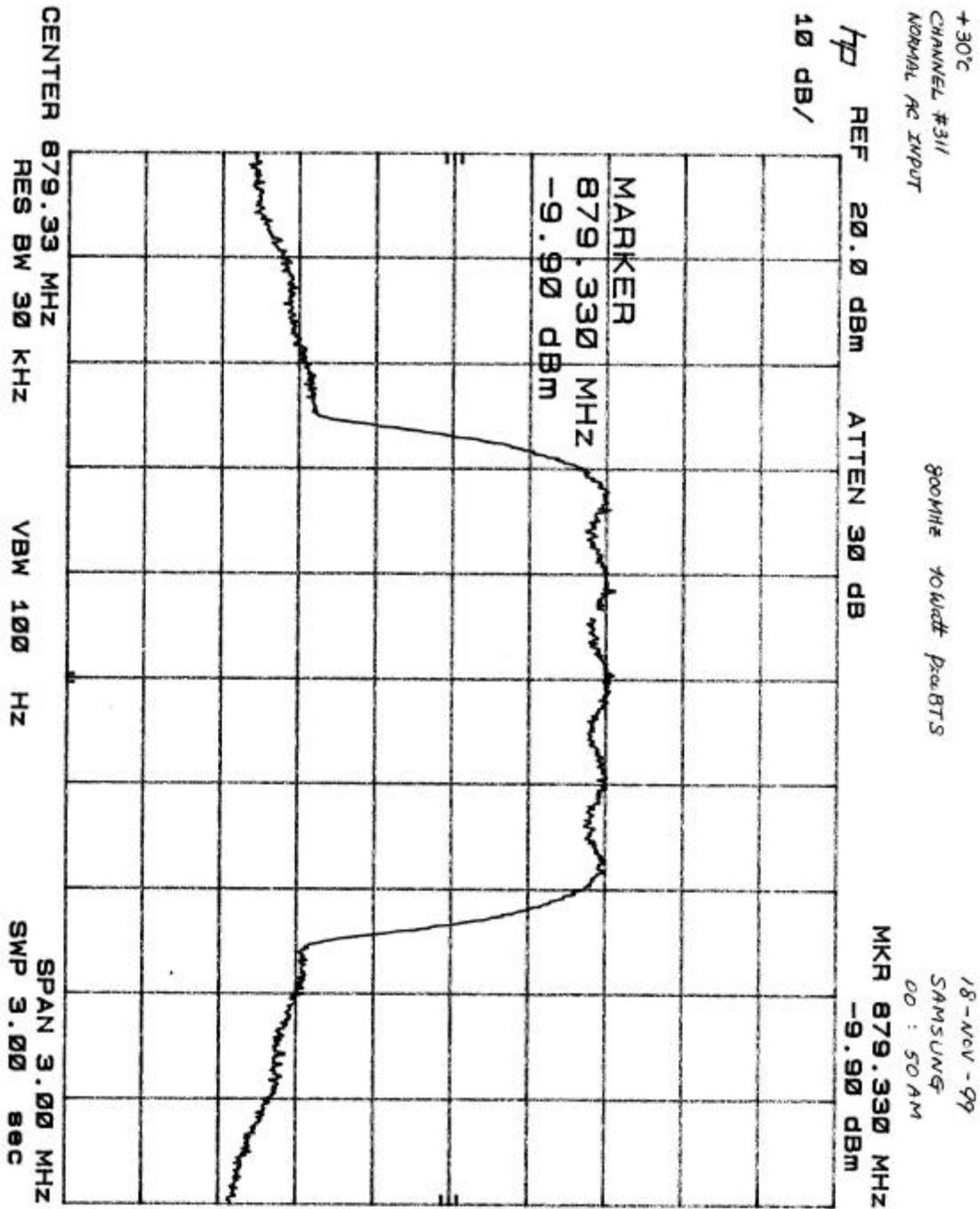
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



Chnl 148 A - Band



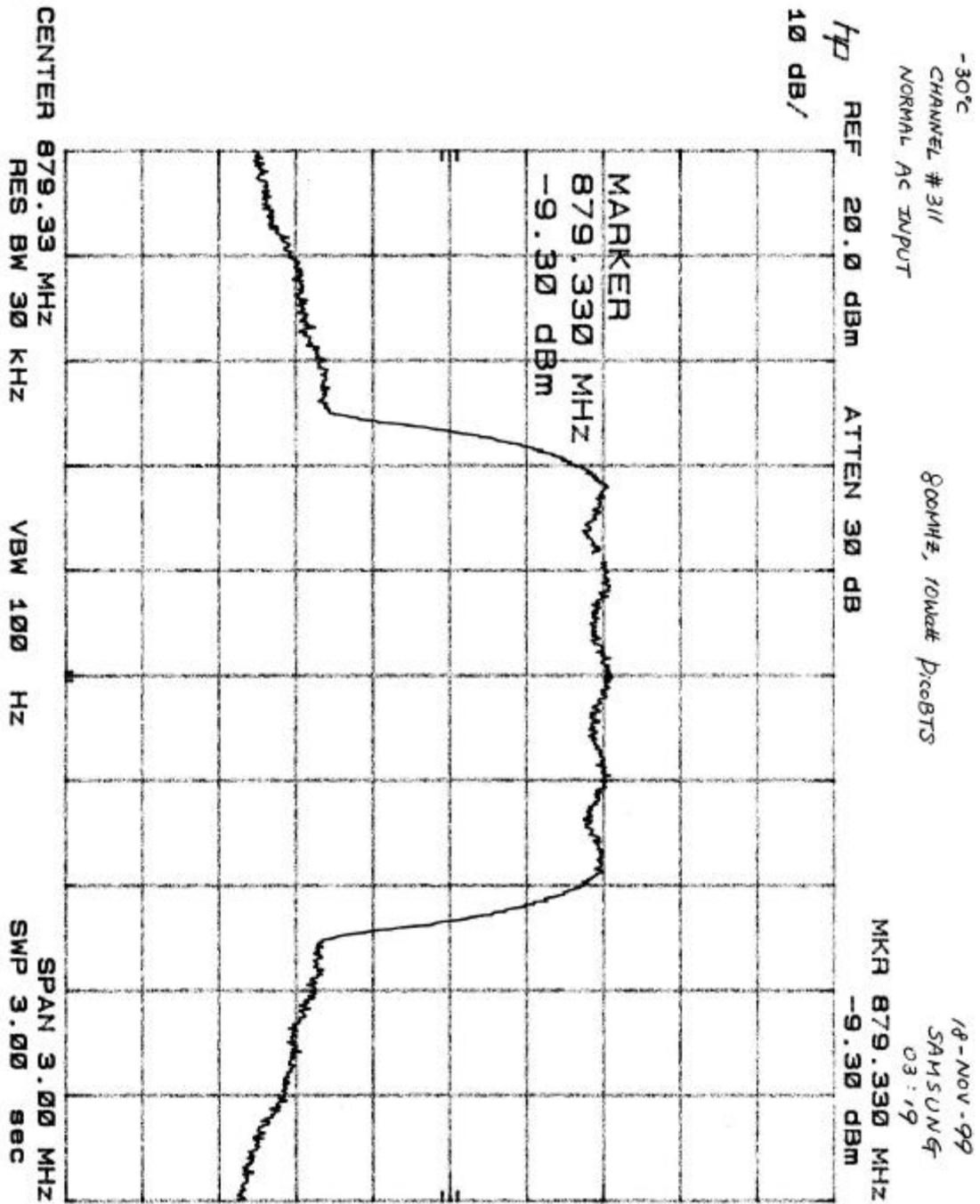
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



Chnl 311 30C 115



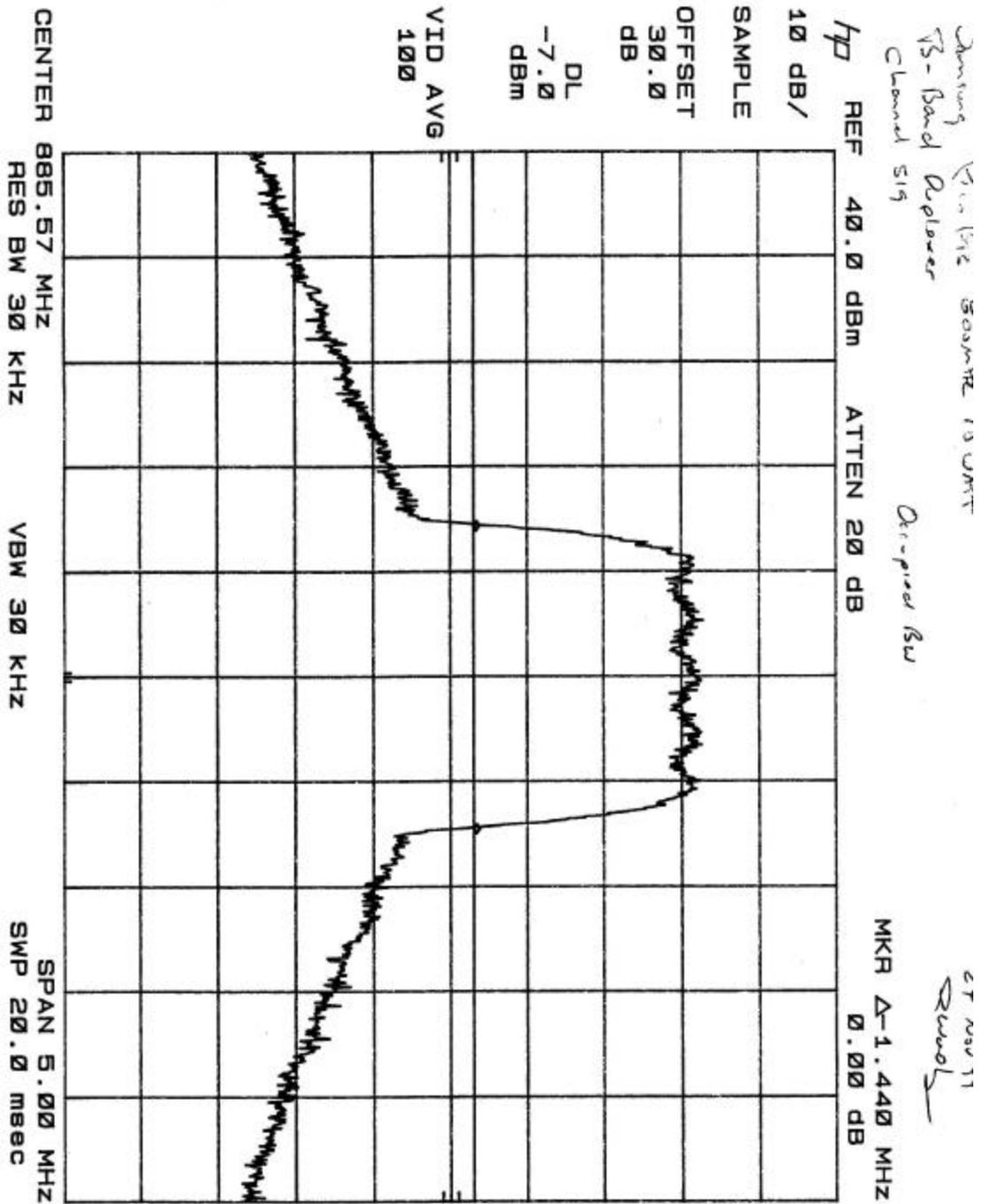
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



Chnl 311 -30C 115



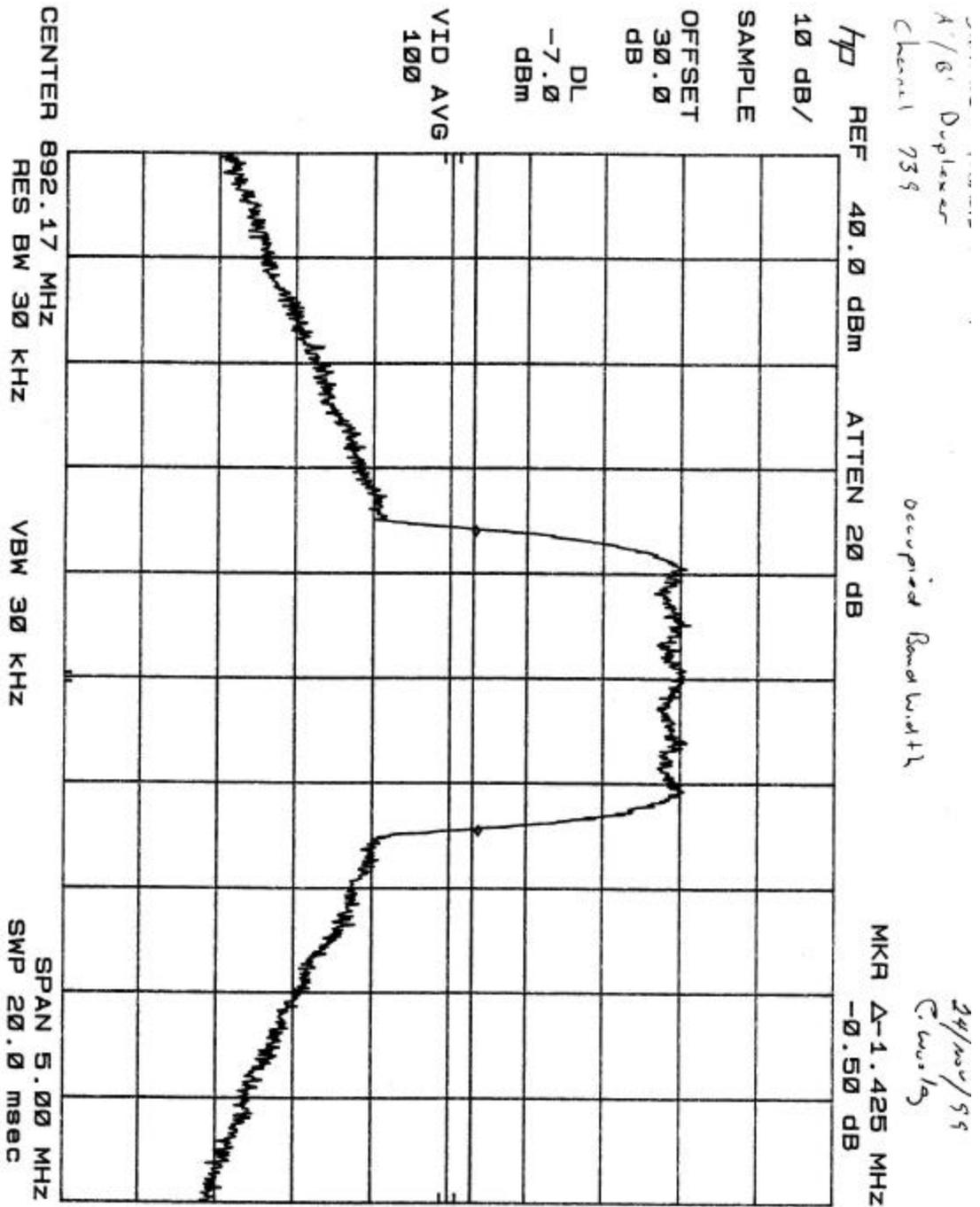
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



Chnl 519 B - Band



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



Chnl 739 A' - B' Duplexer



Company Name:	<i>Samsung Telecommunications America</i>
FCC ID:	<i>NP8-800-PRU</i>
Work Order Number	<i>2000081 / A0387</i>

APPENDIX C:

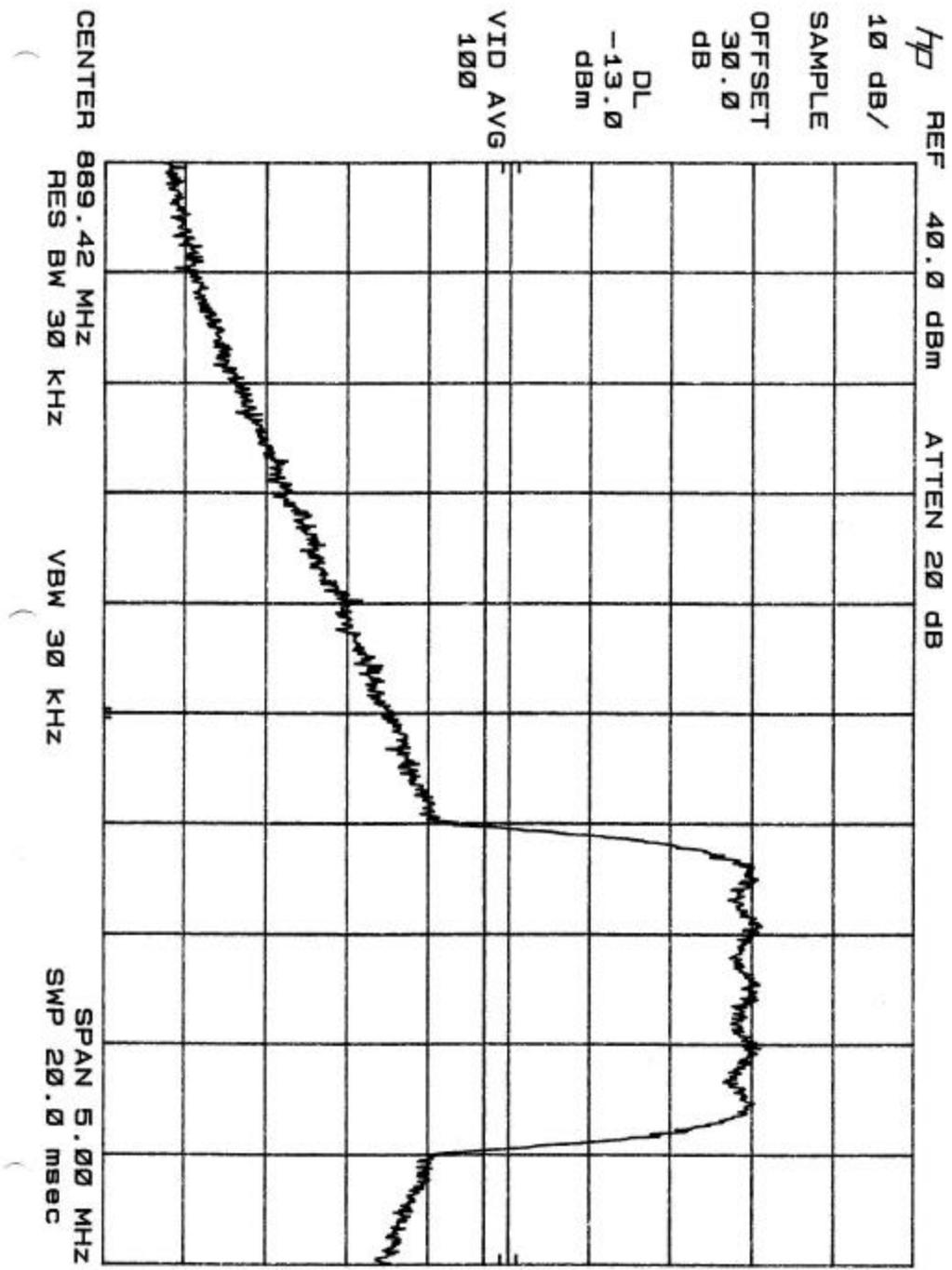
ANTENNA SPURIOUS PLOTS



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

UNUSUAL RESULTS COMPARE TO UNIT
 A'/B' - Duplexer
 Lower Band Edge - Conducted Spurious

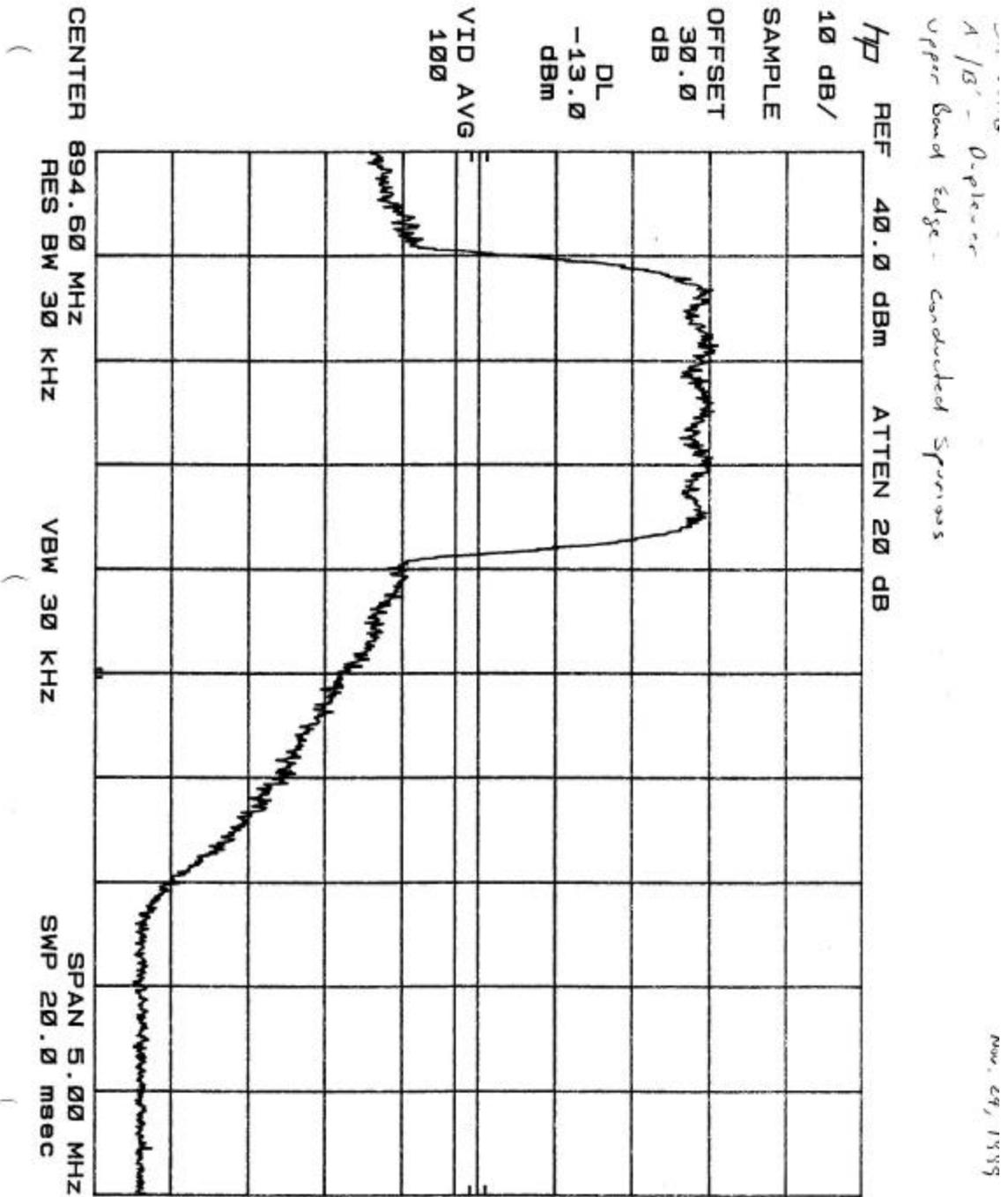
Nov. 29, 1999
 D. Wootley



A' - B' Duplexer LBE



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



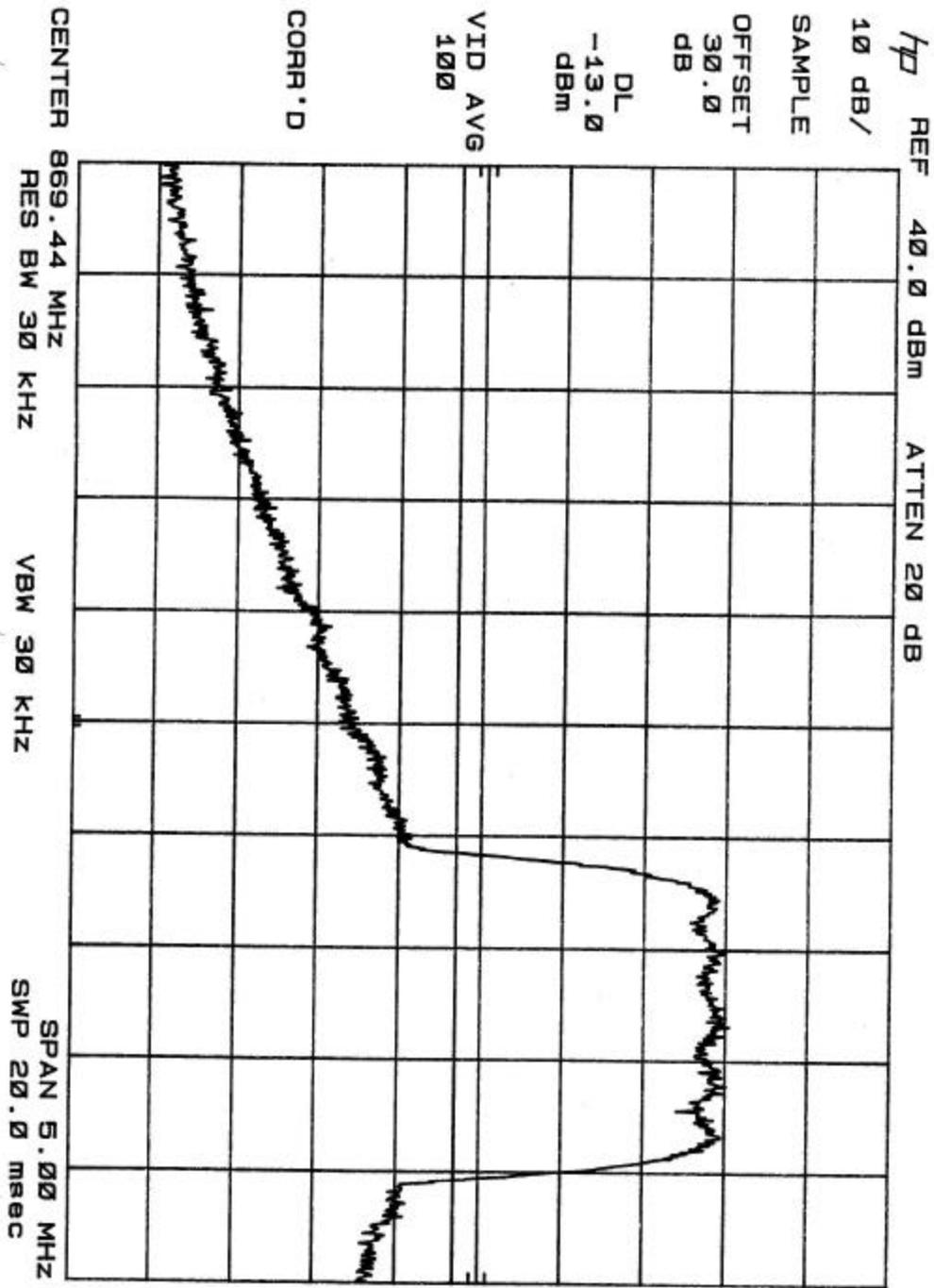
A' - B' Duplexer UBE



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

Samsung Eric BTI 800mhz 10watt
 A-band Duplexer
 L.B.S. Conducted Spurious

2000-03-11
 P. Wood



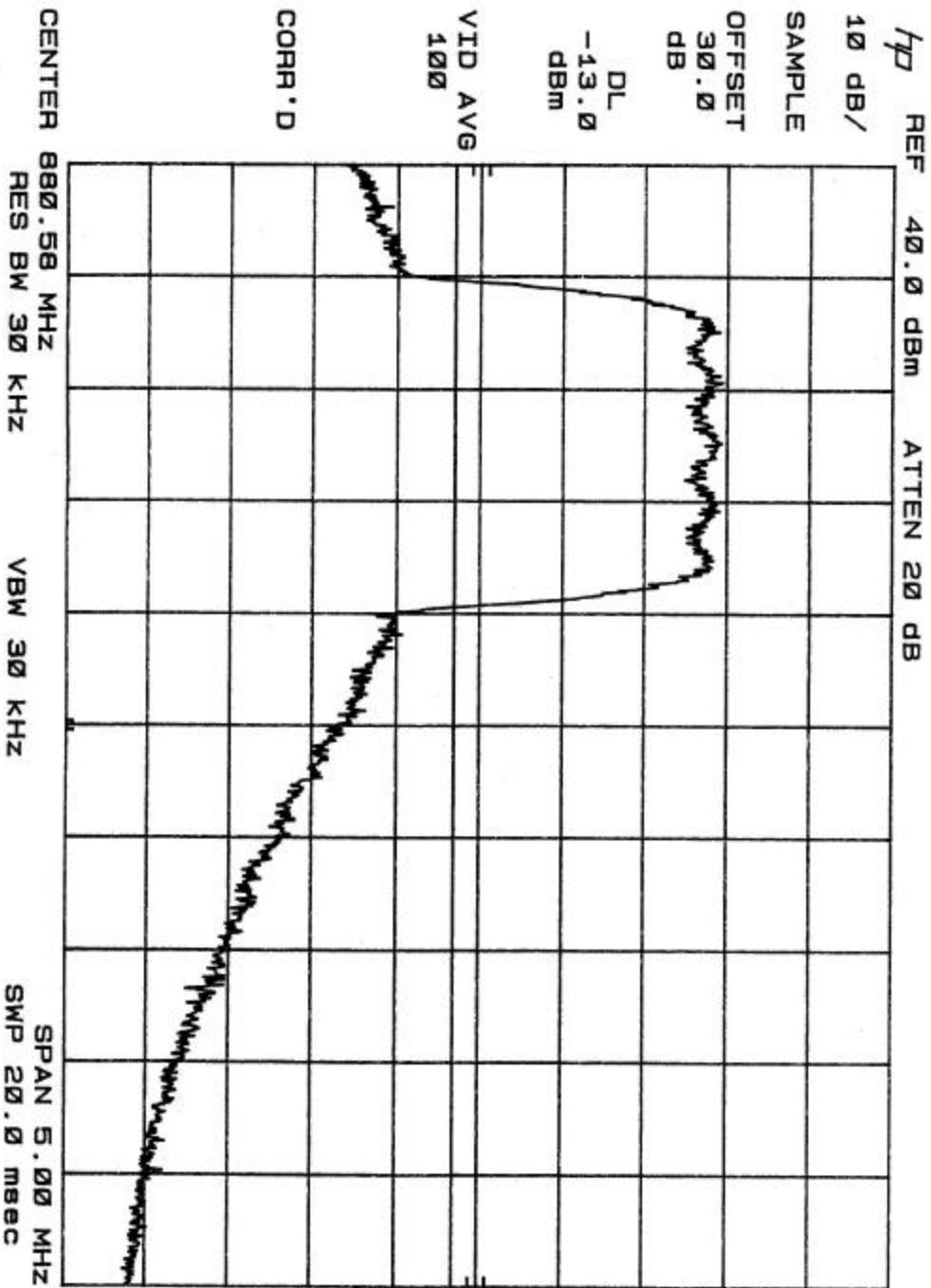
A Band LBE



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

Samsung 11441131
A-band Duplexer
U.S. Conducted Spurious

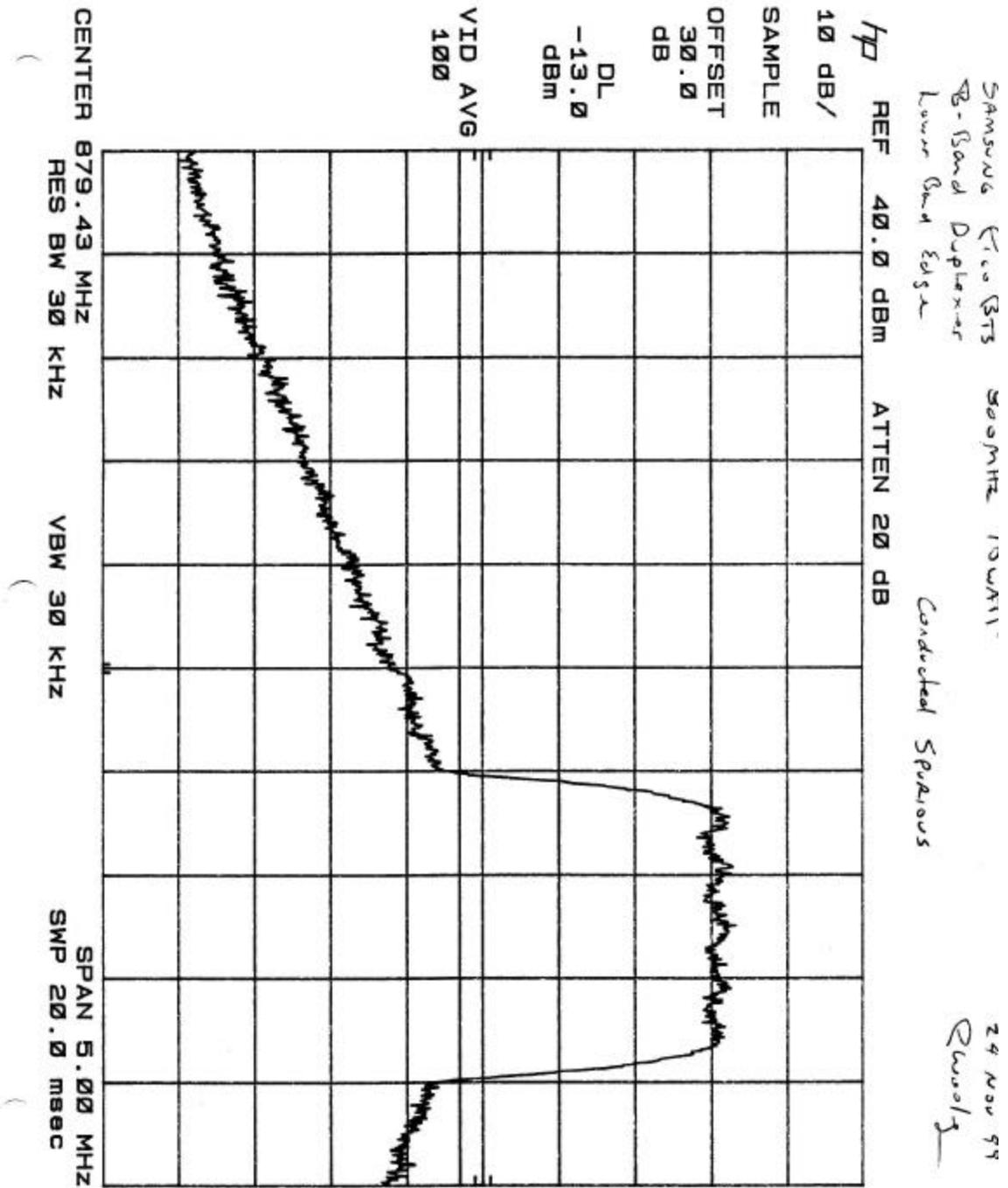
Nov. 23, 1999
P. Woolley



A Band UBE



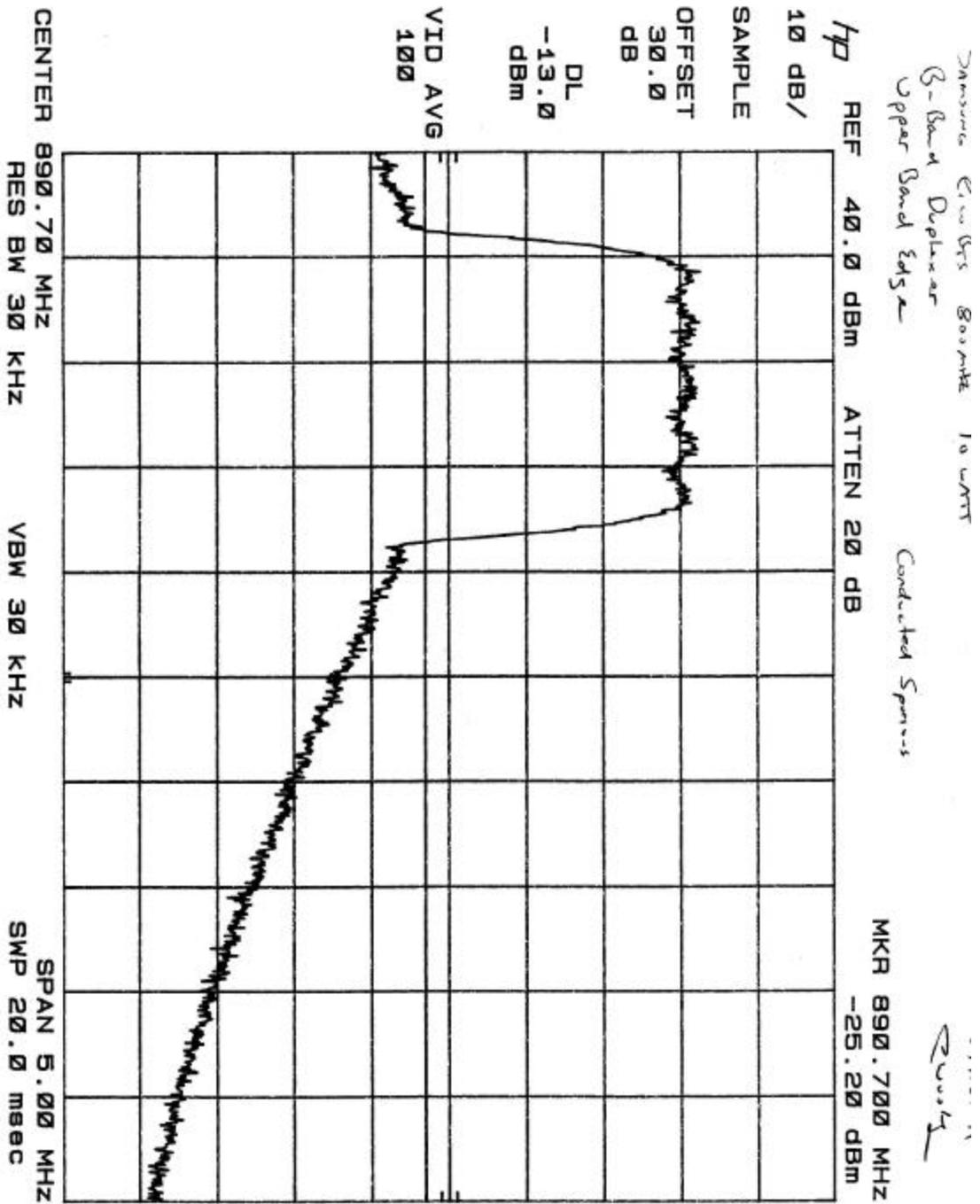
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



B Band LBE



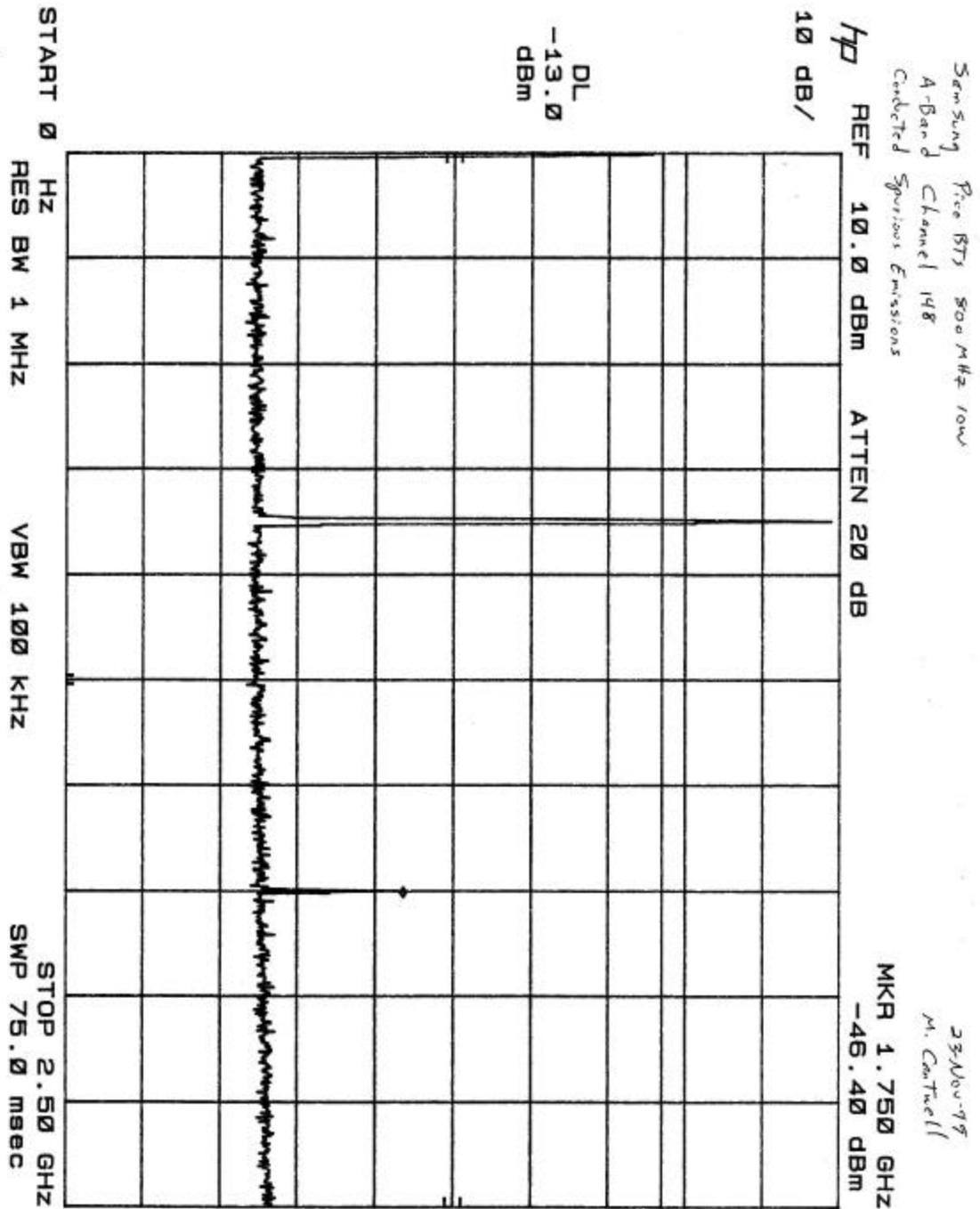
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



B Band UBE



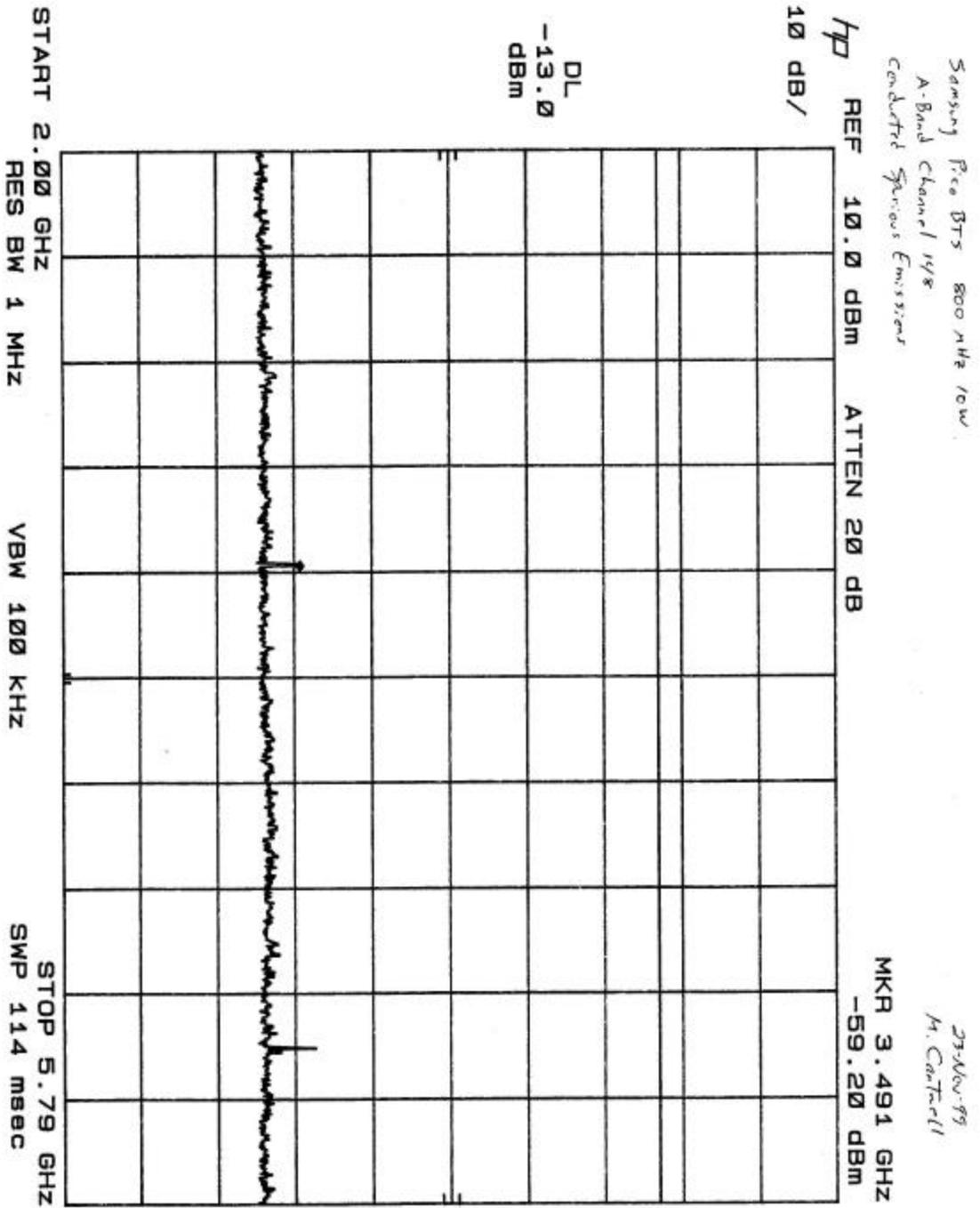
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



Chnl 148 0 - 2.5 GHz



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

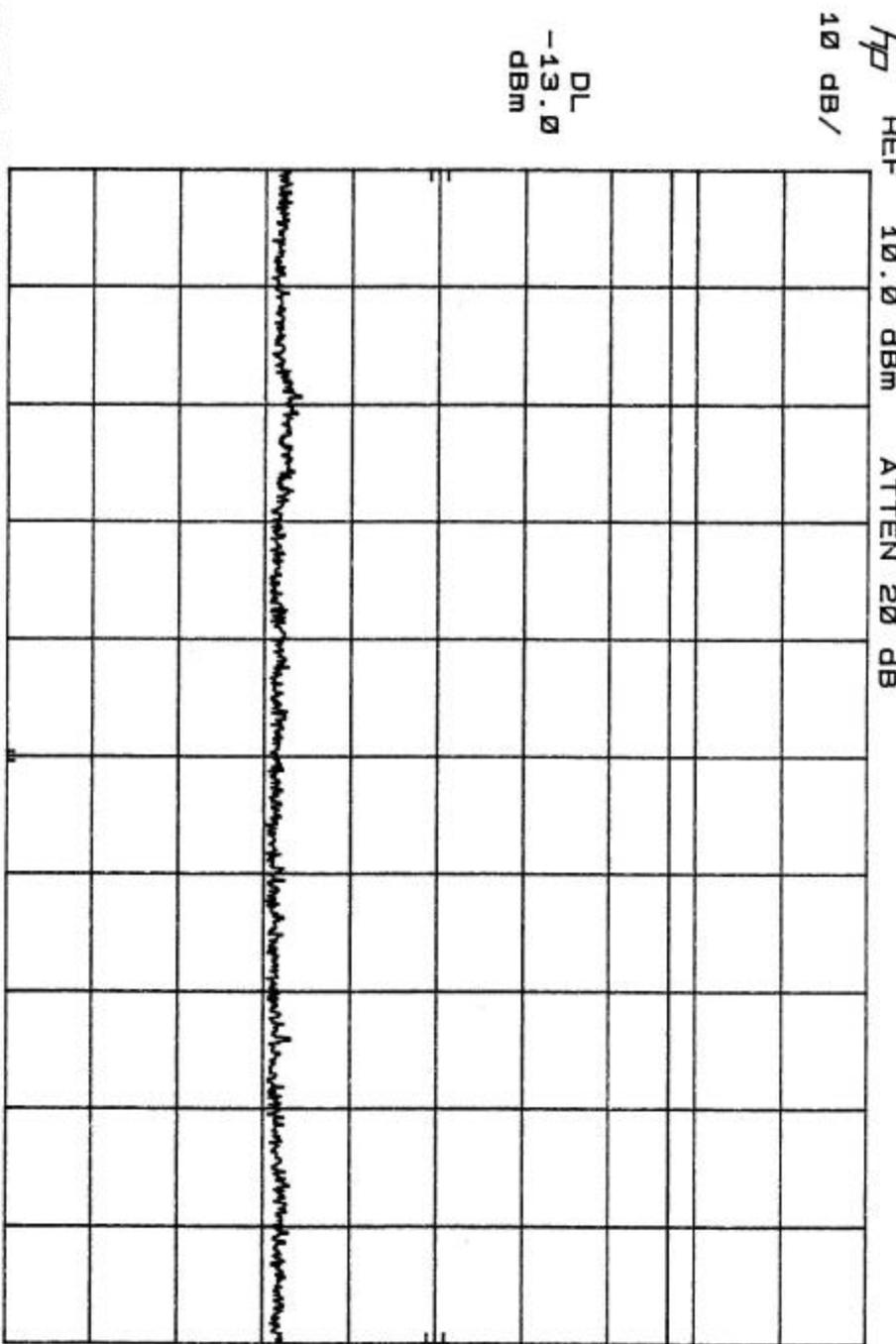


Chnl 148 2 - 5.79 GHz



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

START 5.79 GHz
RES BW 1 MHz
VBW 100 KHz
STOP 10.00 GHz
SWP 126 msec



DL
-13.0
dBm

HP REF 10.0 dBm ATTEN 20 dB
10 dB/

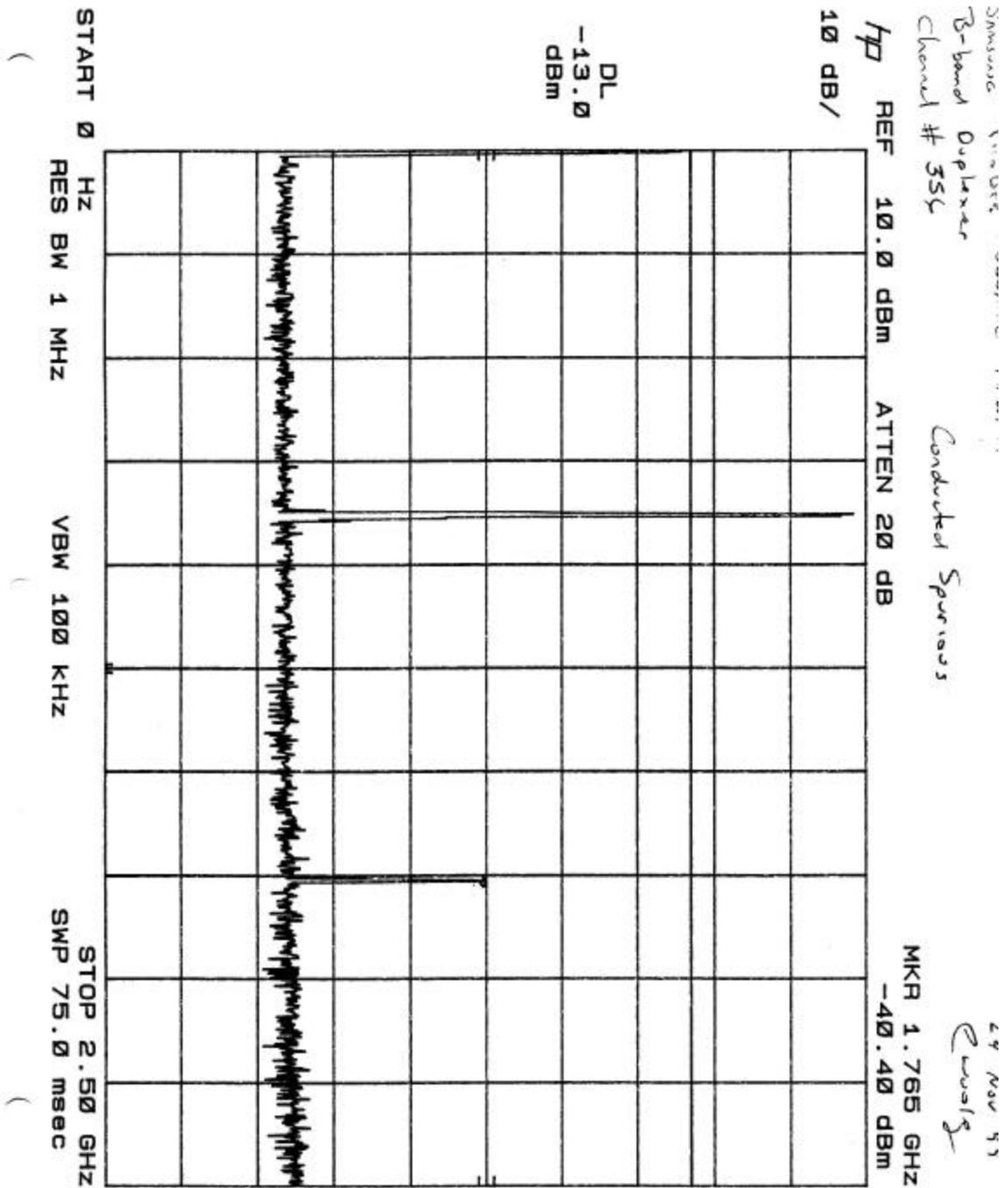
Samsung Pico BTS 800 MHz 10W
A-Band Channel 148
Conducted Spurious Emissions

23-Nov-99
M. Conradi

Chnl 148 5.79 - 10 GHz



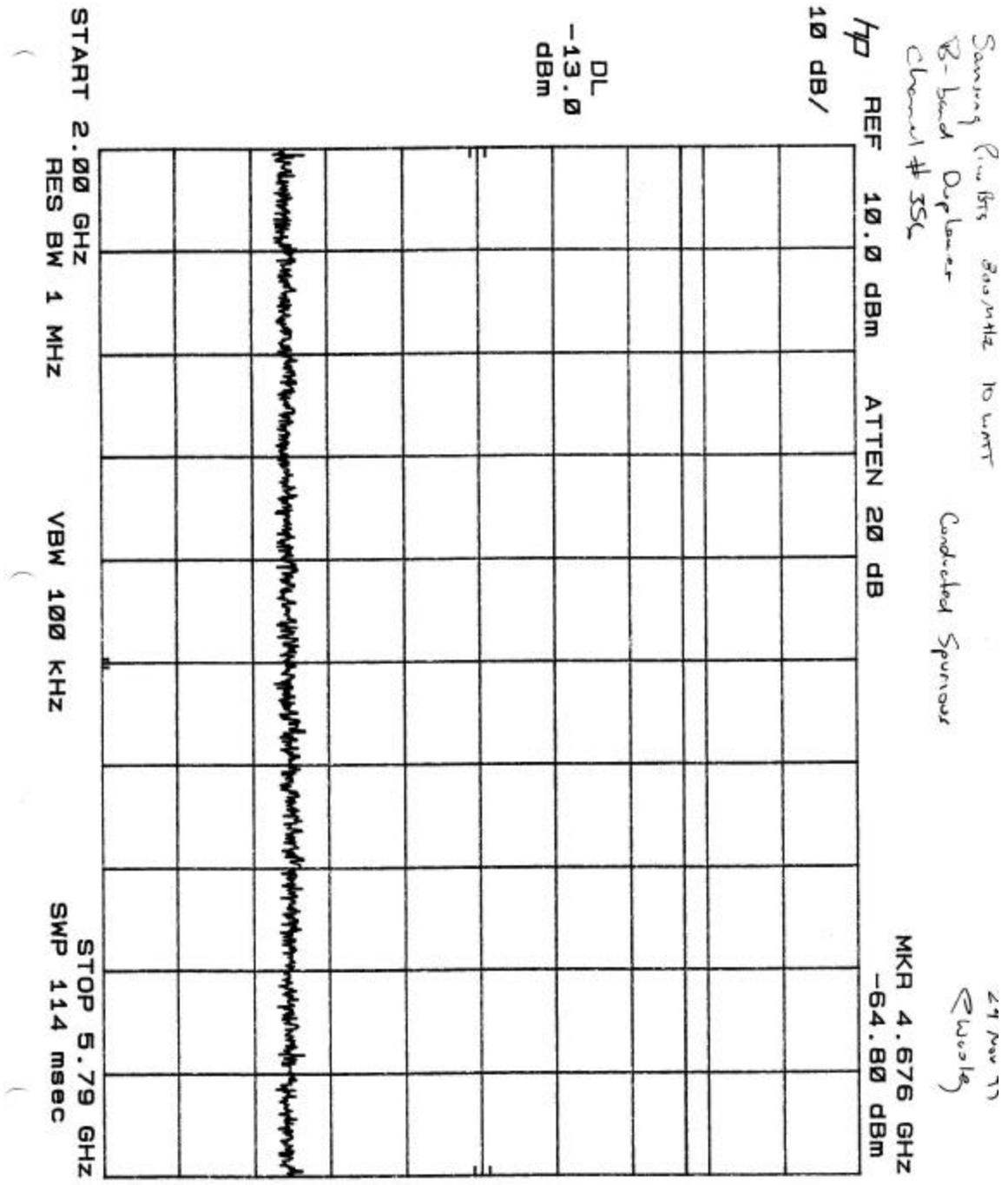
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



Chnl 356 0 - 2.5 GHz



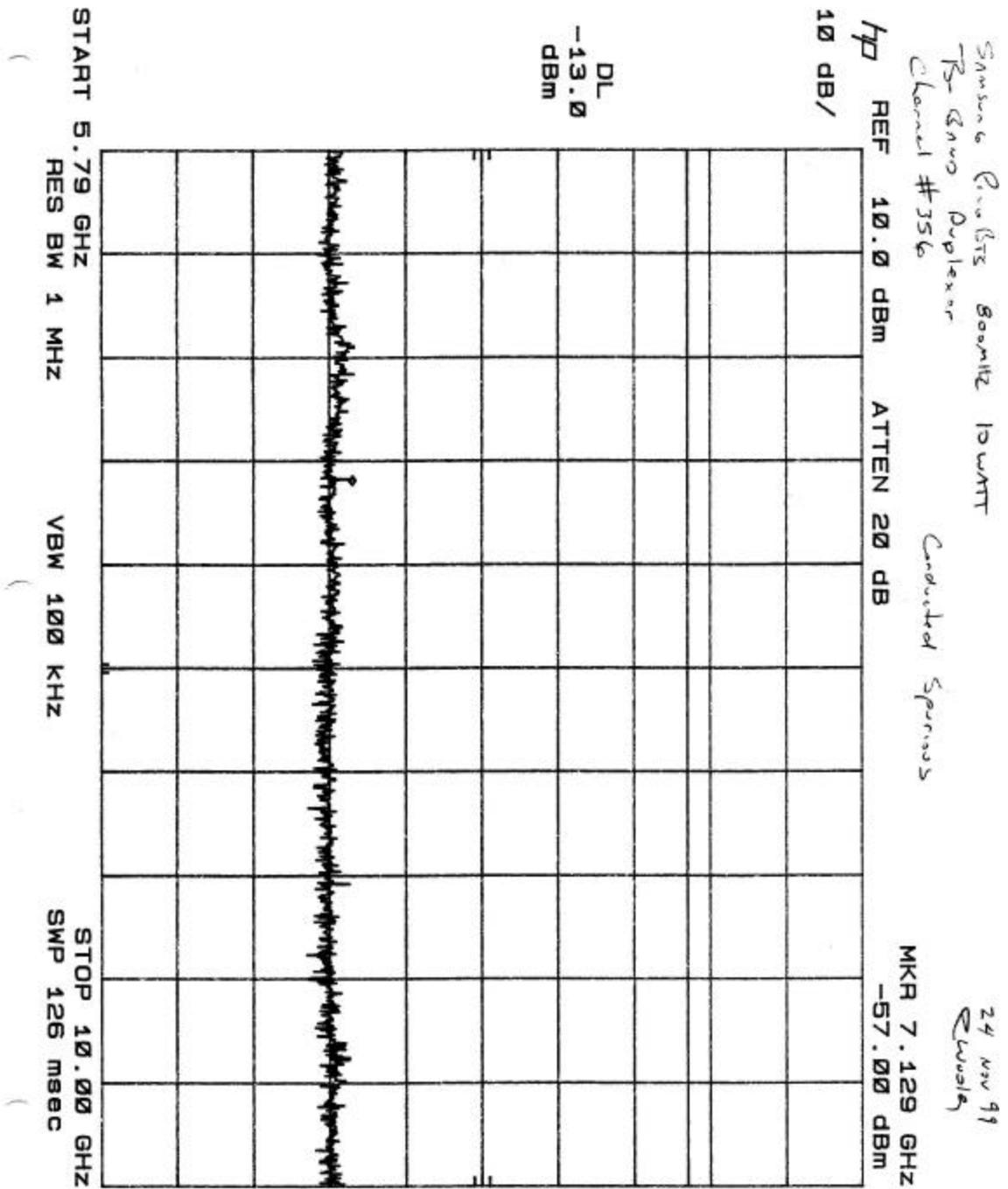
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



Chnl 356 2 - 5.79 GHz



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



Chnl 356 5.79 - 10 GHz

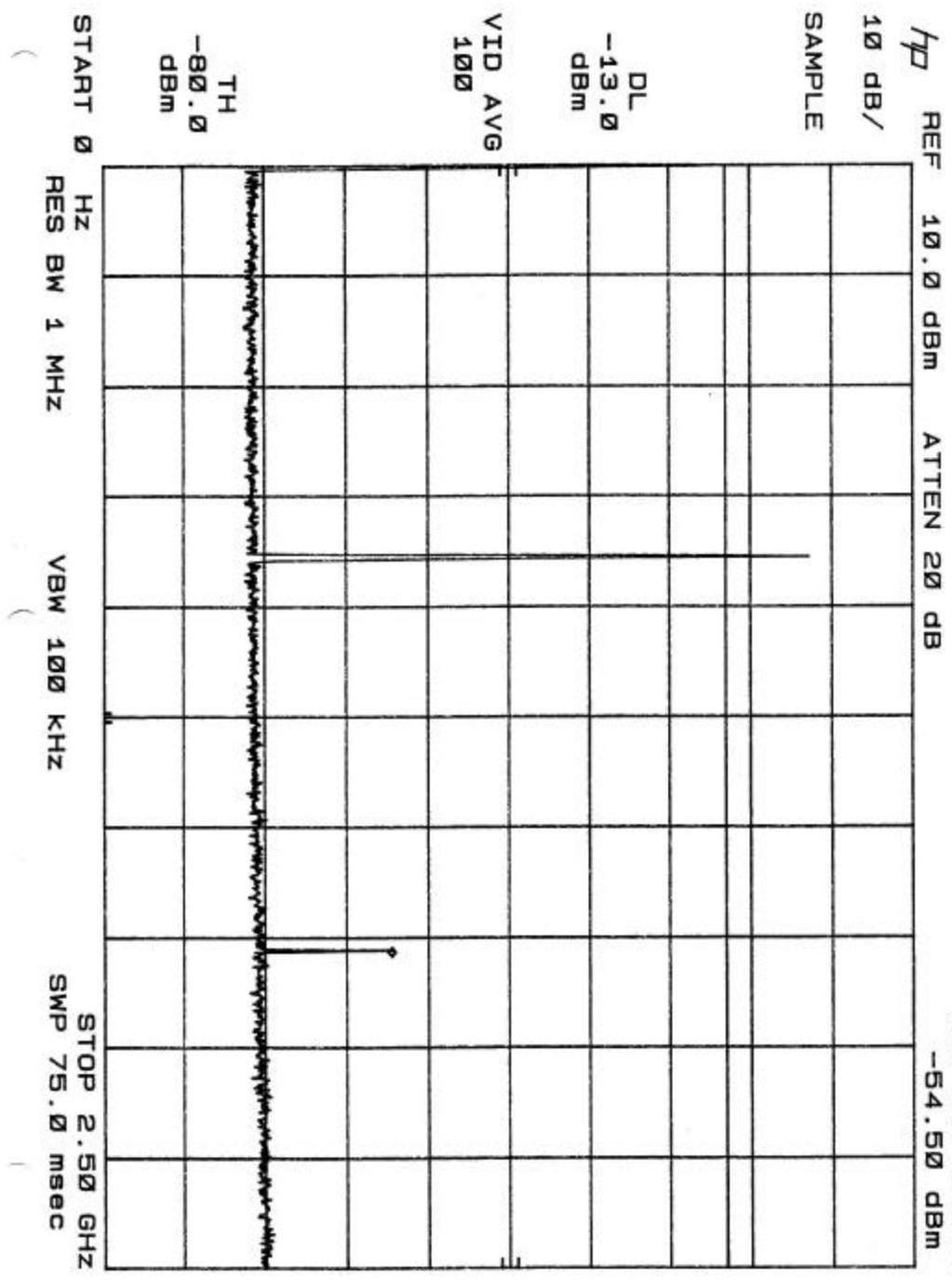


Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

JANUARY 11 11:51:55 800 MHz 10 UMI 1
 4' x 8' Duplexer
 Channel # 689

Conducts Spurious

Nov. 24, 99
 E. Wooley



Chnl 689 0 - 2.5 GHz

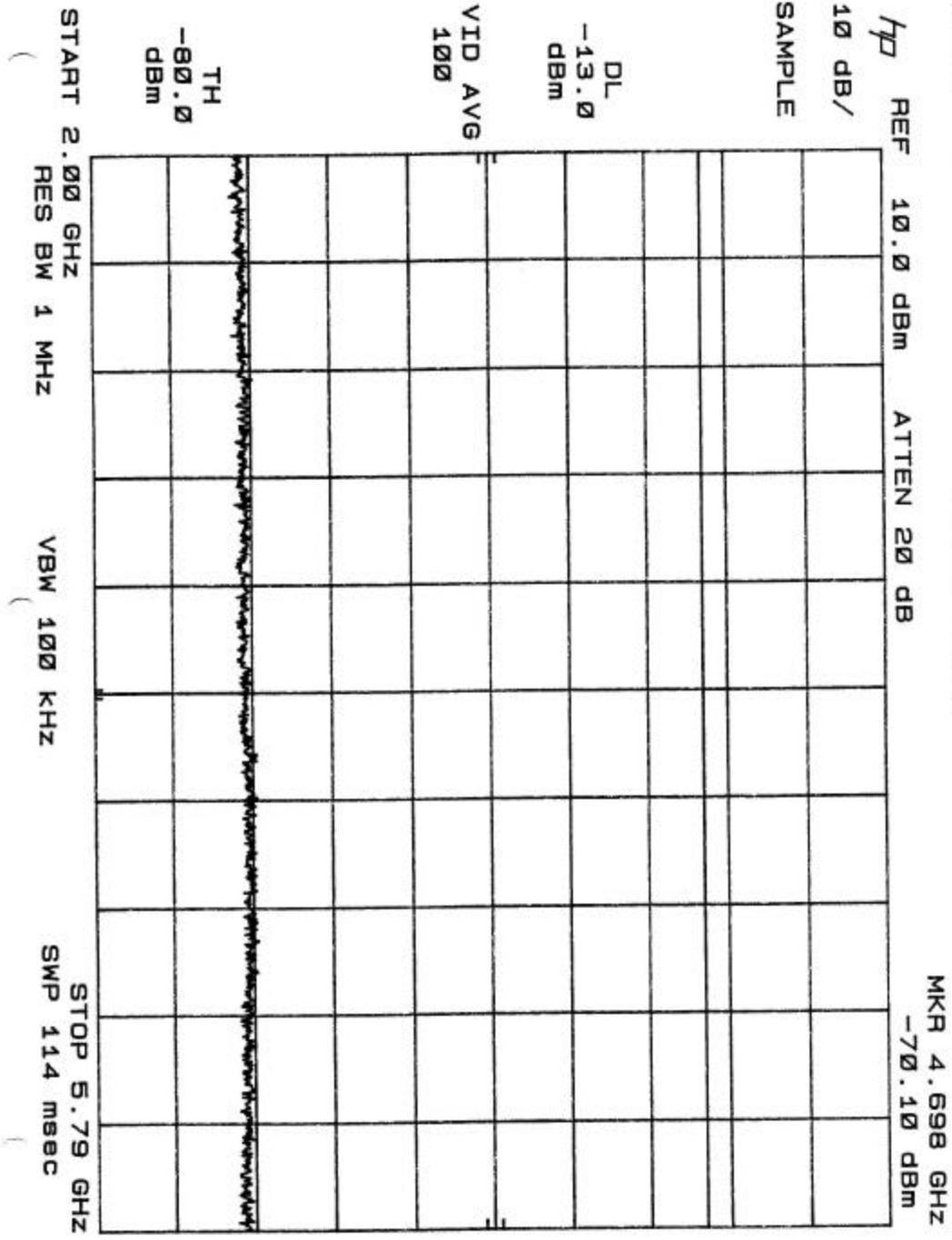


Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

ANSWER VIDEOS
 1st Display
 Channel # 689

Conducted Spurious

Nov. 29, 1999
 P. W. Lee



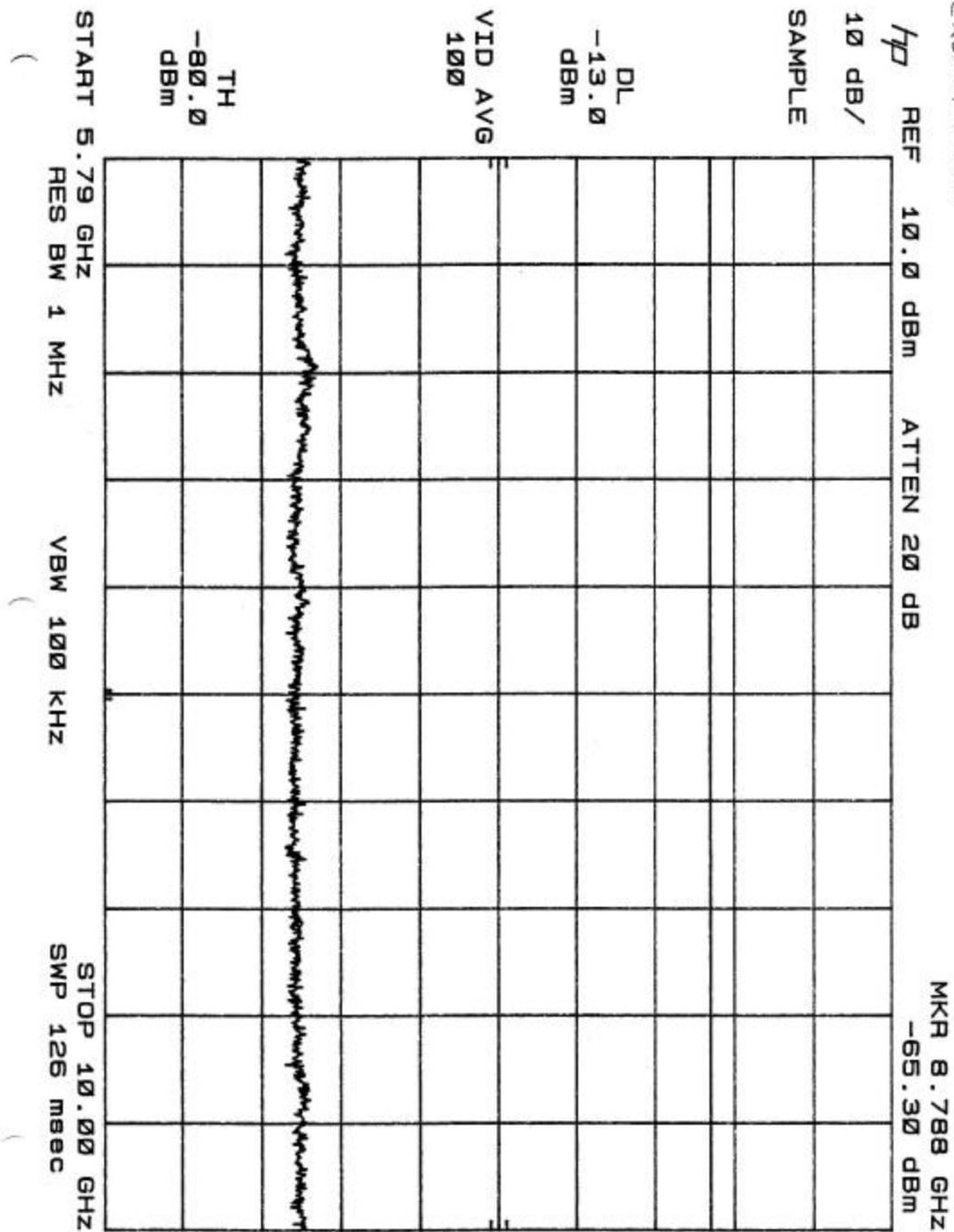
Chnl 689 2 - .79 GHz



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

SAMSUNG FILTERS 500 MHz 10 WATT
 A & B Duplexers
 Channel # 689

Nov. 29, 1999
 C. W. Soley



Chnl 689 5.79 - 10 GHz



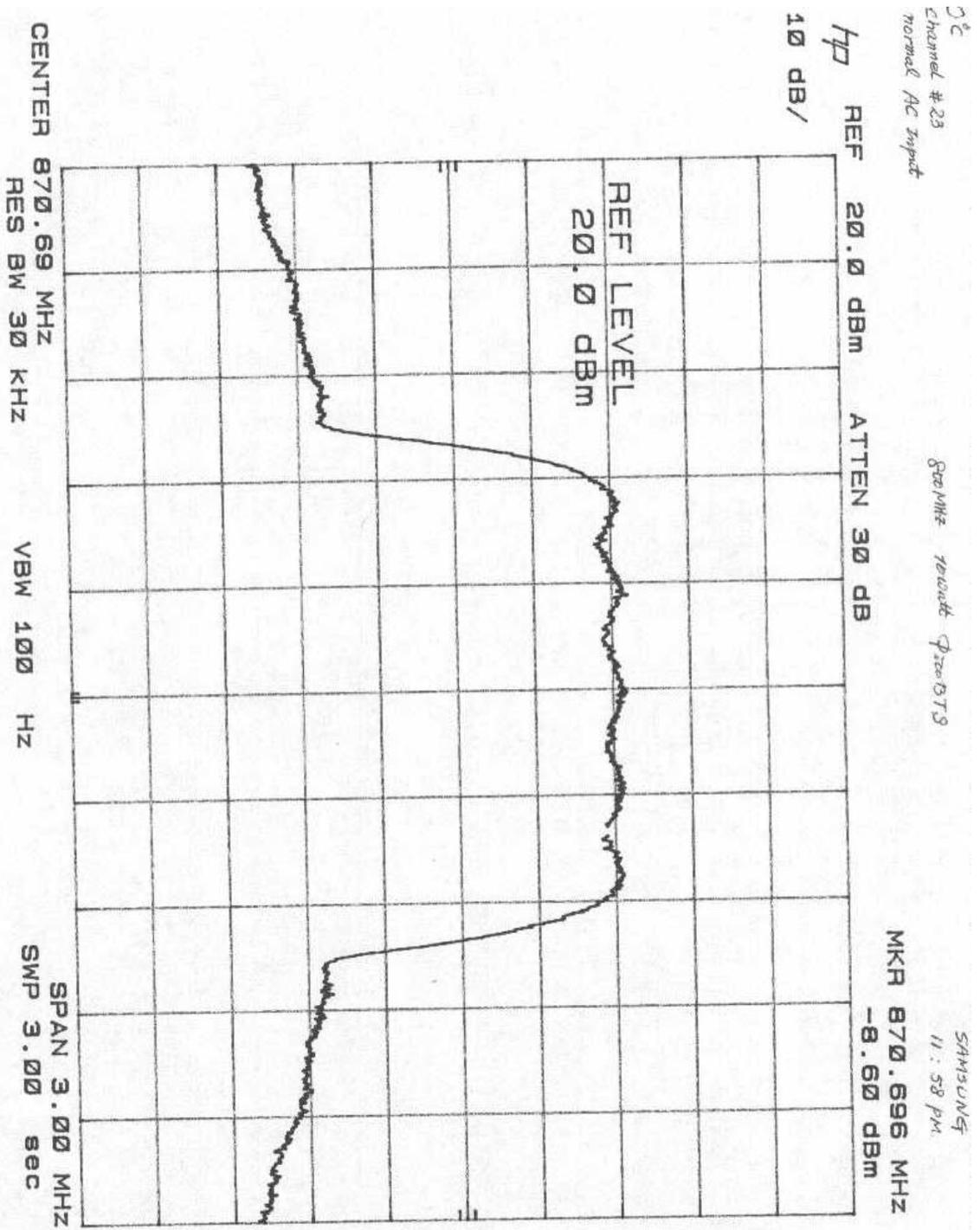
<i>Company Name:</i>	<i>Samsung Telecommunications America</i>
<i>FCC ID:</i>	<i>NP8-800-PRU</i>
<i>Work Order Number</i>	<i>2000081 / A0387</i>

APPENDIX D:

FREQUENCY STABILITY PLOTS



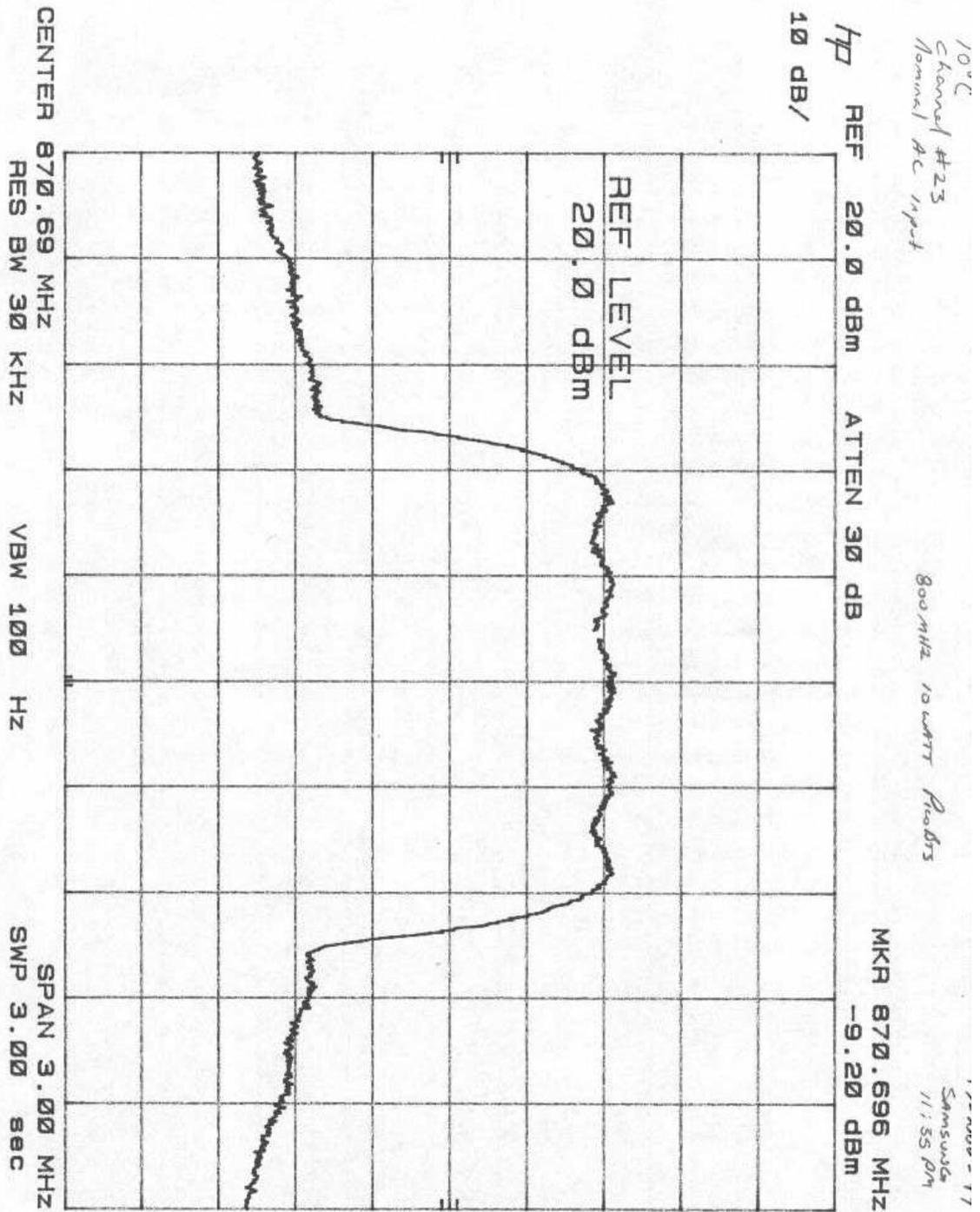
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



01 Chnl 23 0C 115



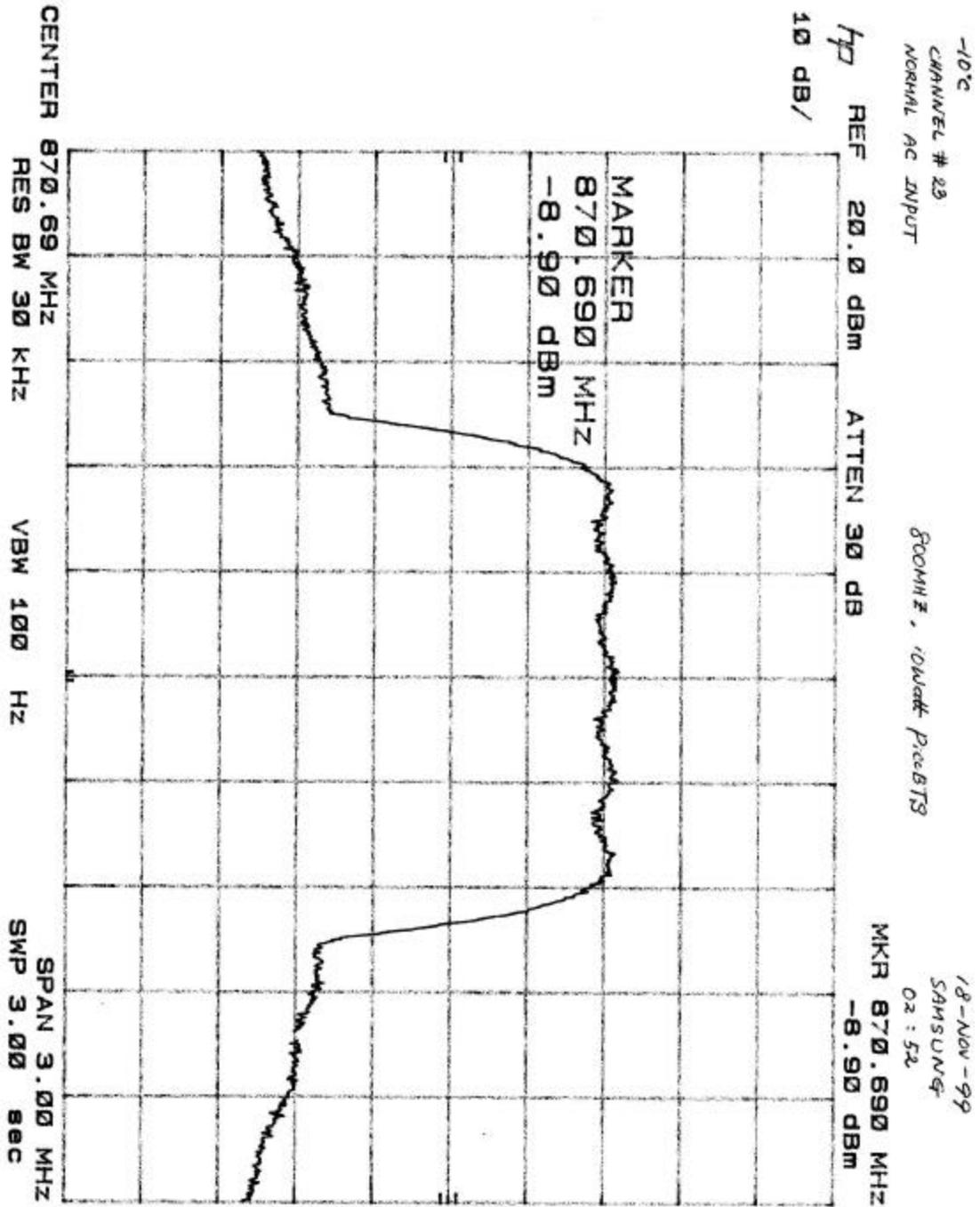
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



02 Chnl 23 10C 115



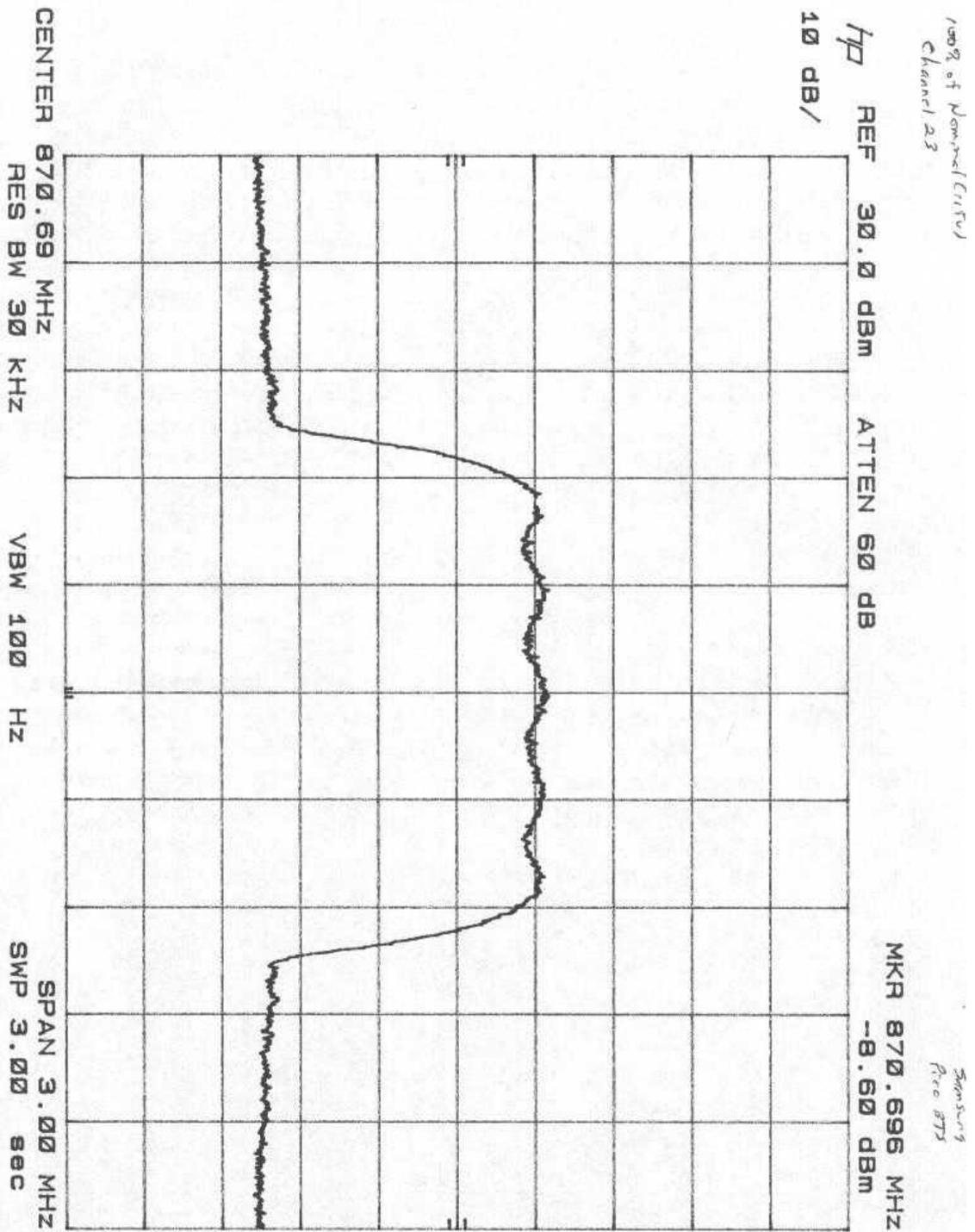
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



03 Chnl 23 -10C 115



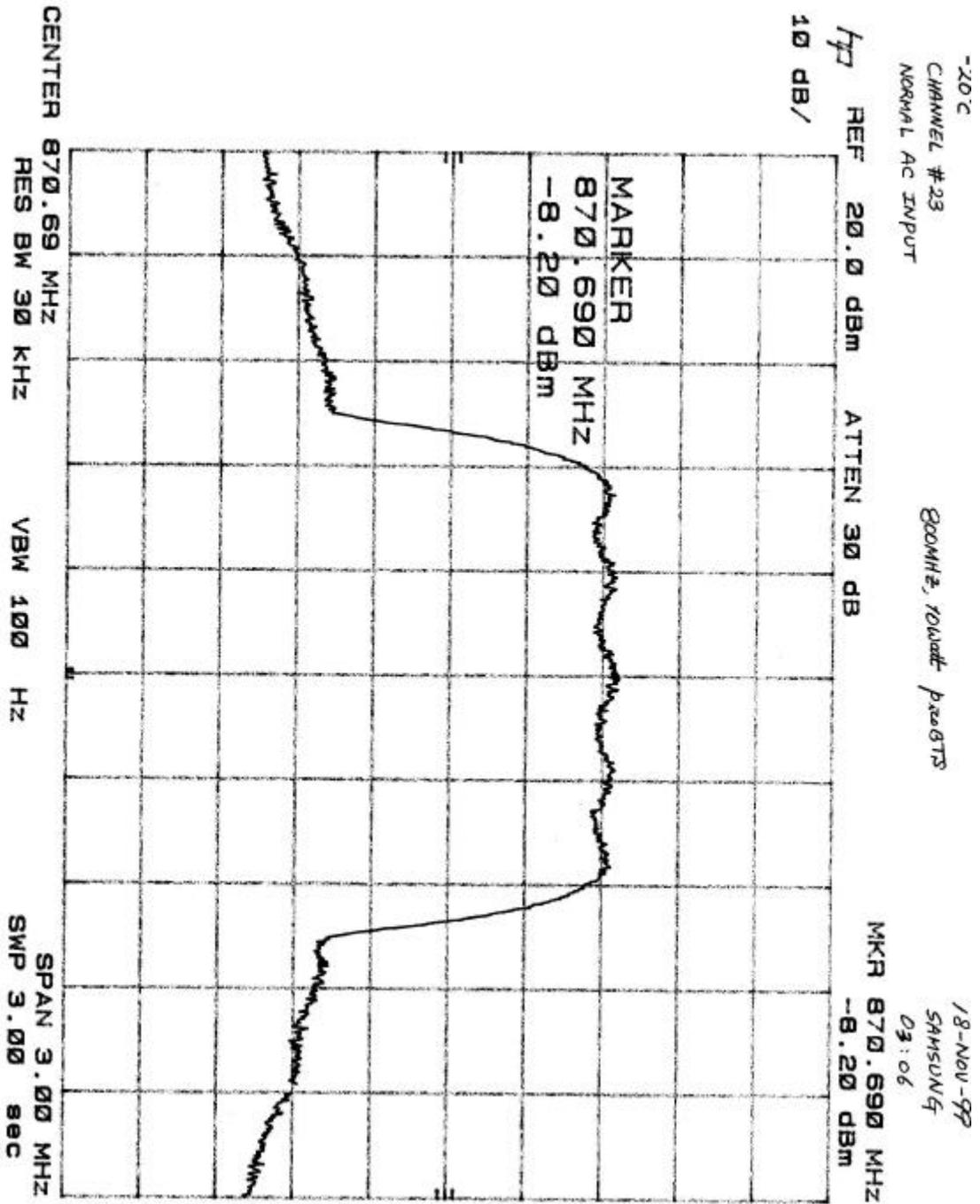
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



04 Chnl 23 20C 115



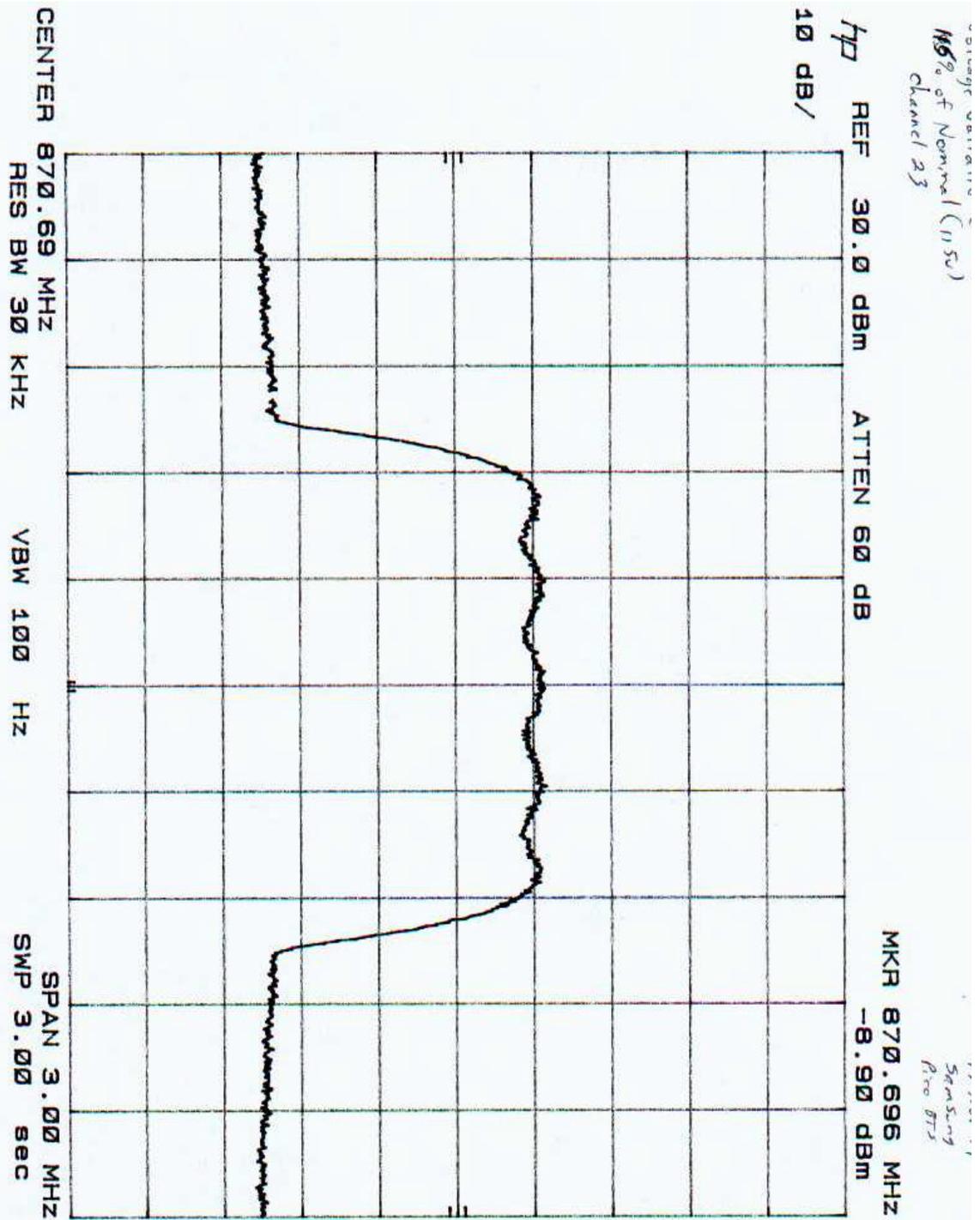
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



05 Chnl 23 -20C 115



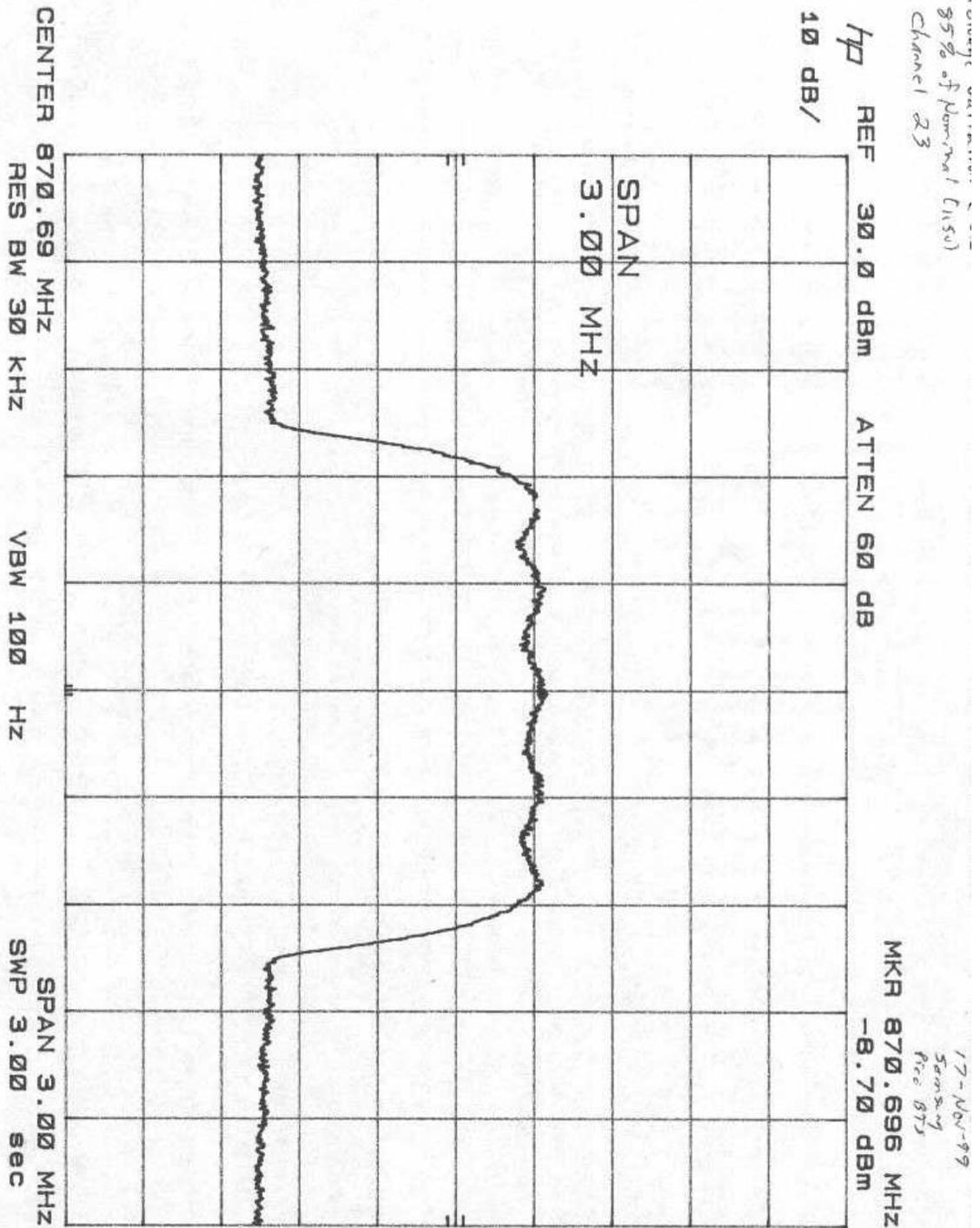
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



06 Chnl 23 20C 132



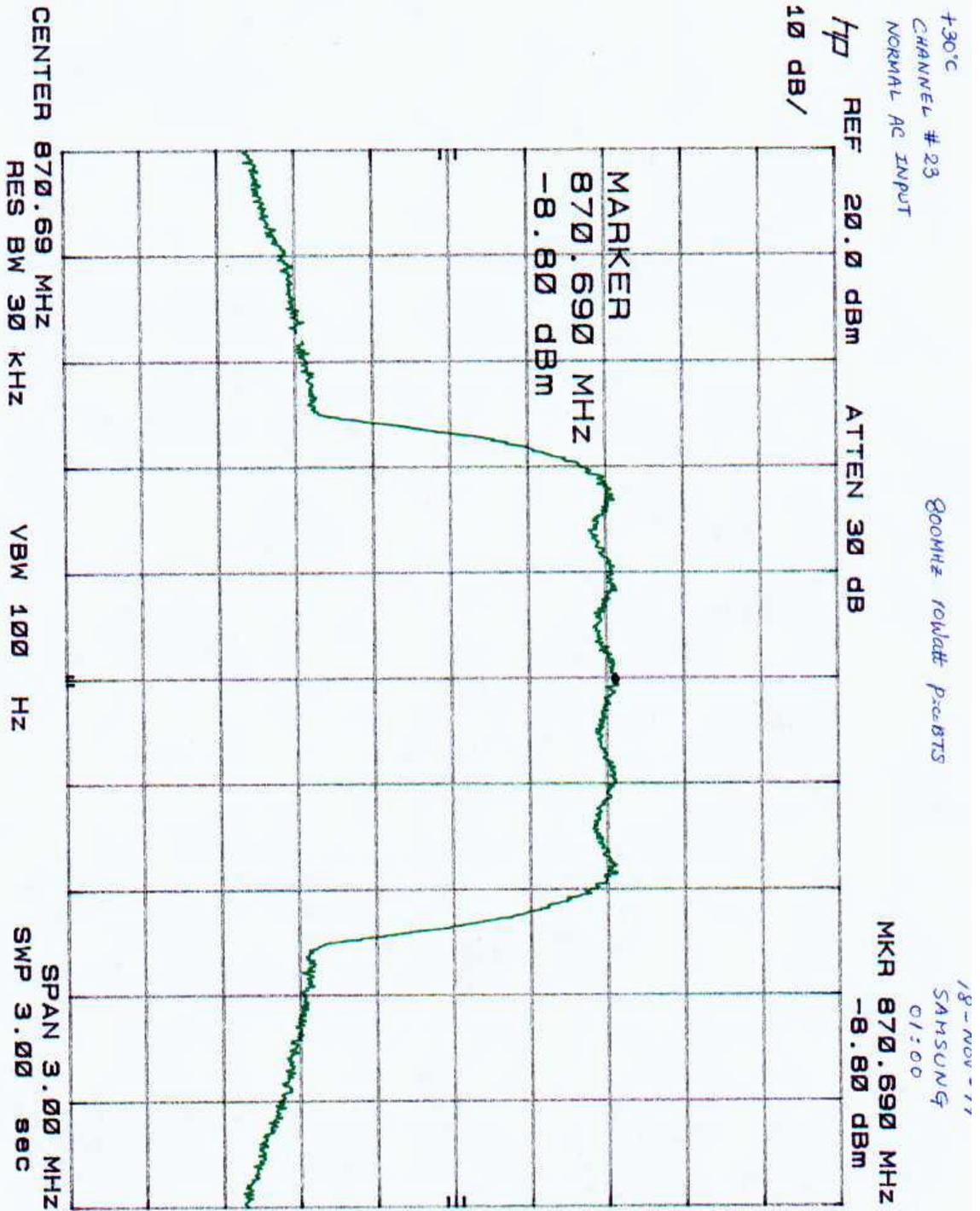
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



07 Chnl 23 20C 97



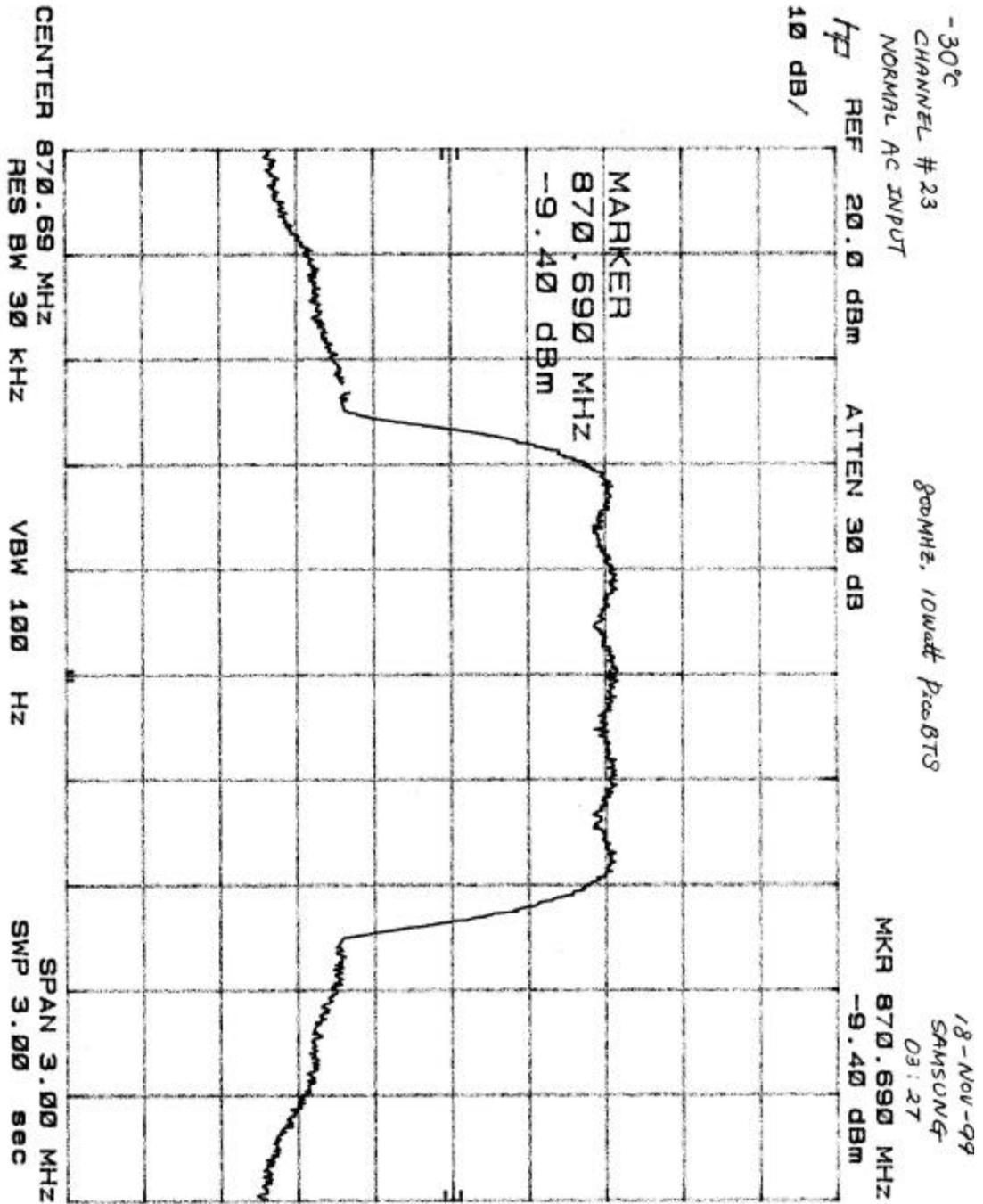
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



08 Chnl 23 30C 115



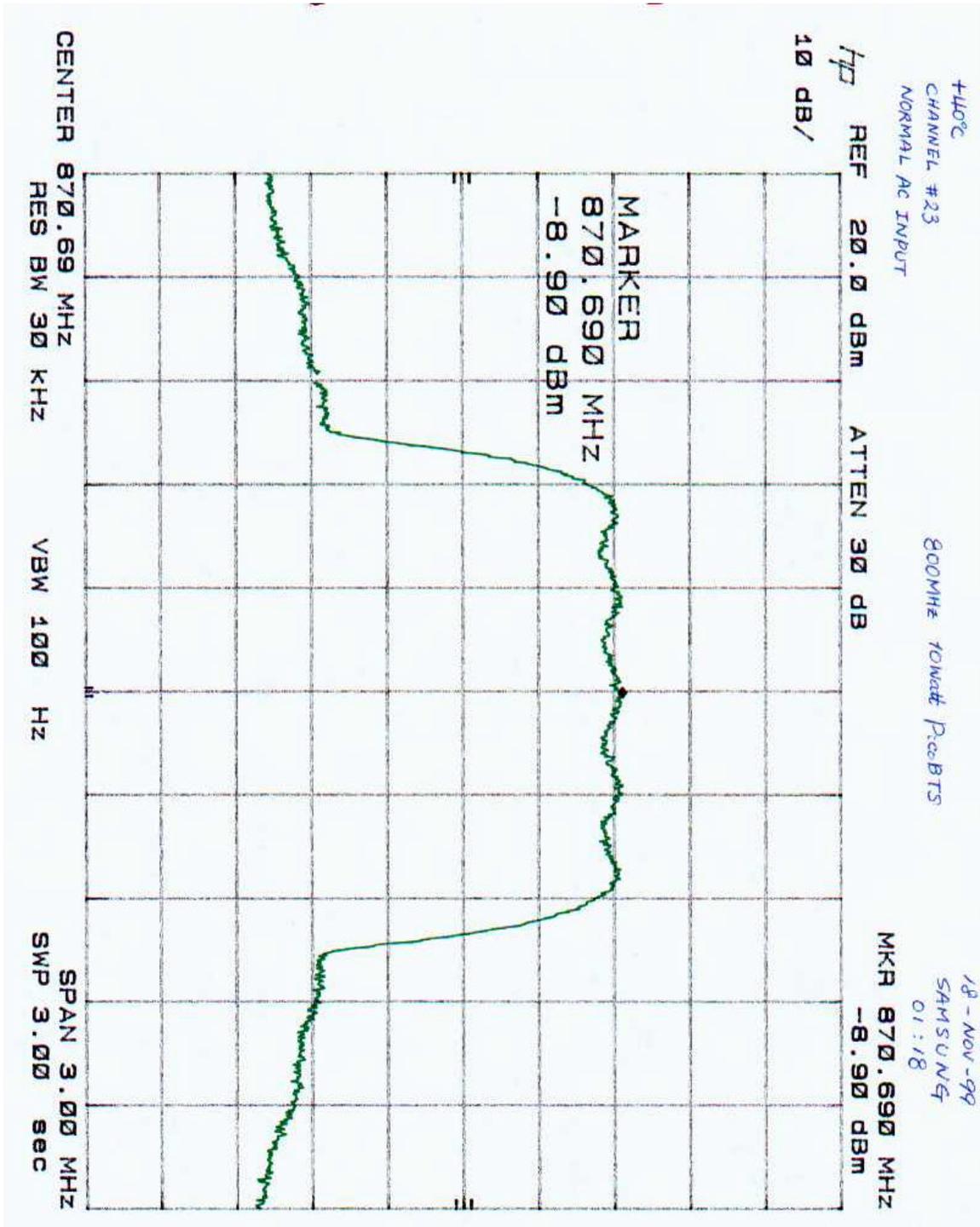
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



09 Chnl 23 -30C 115



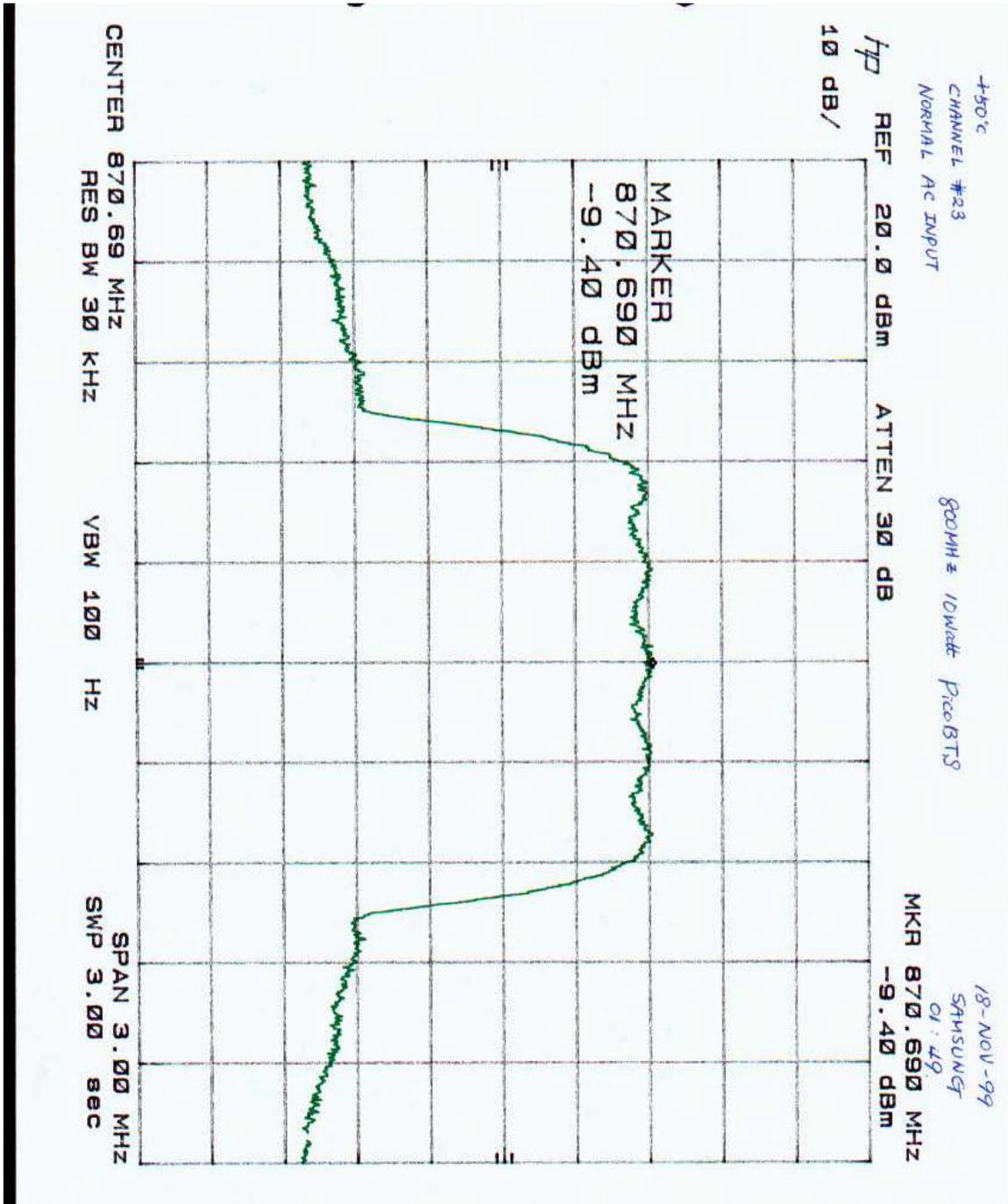
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



10 Chnl 23 40C 115



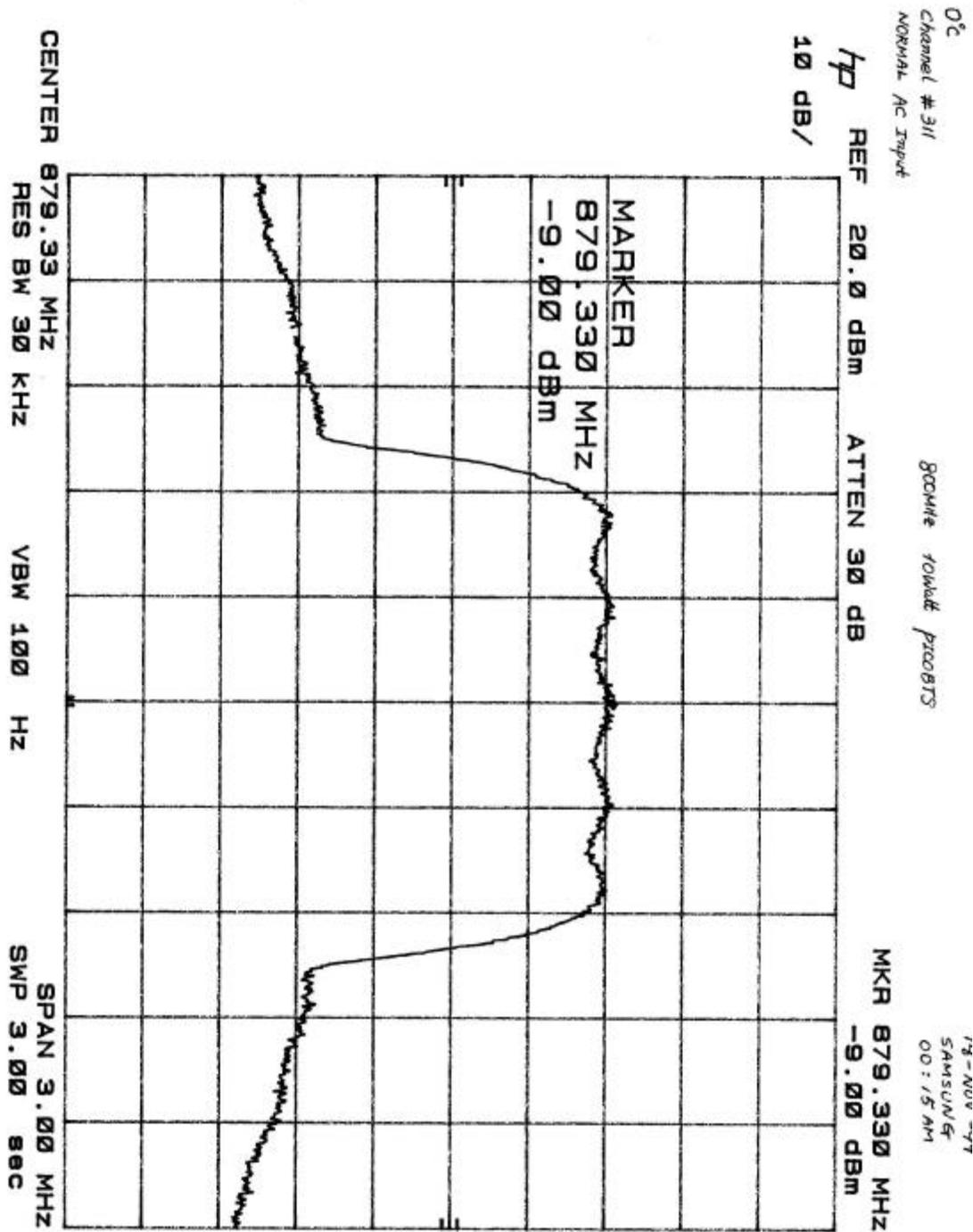
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



11 Chnl 23 50C 115



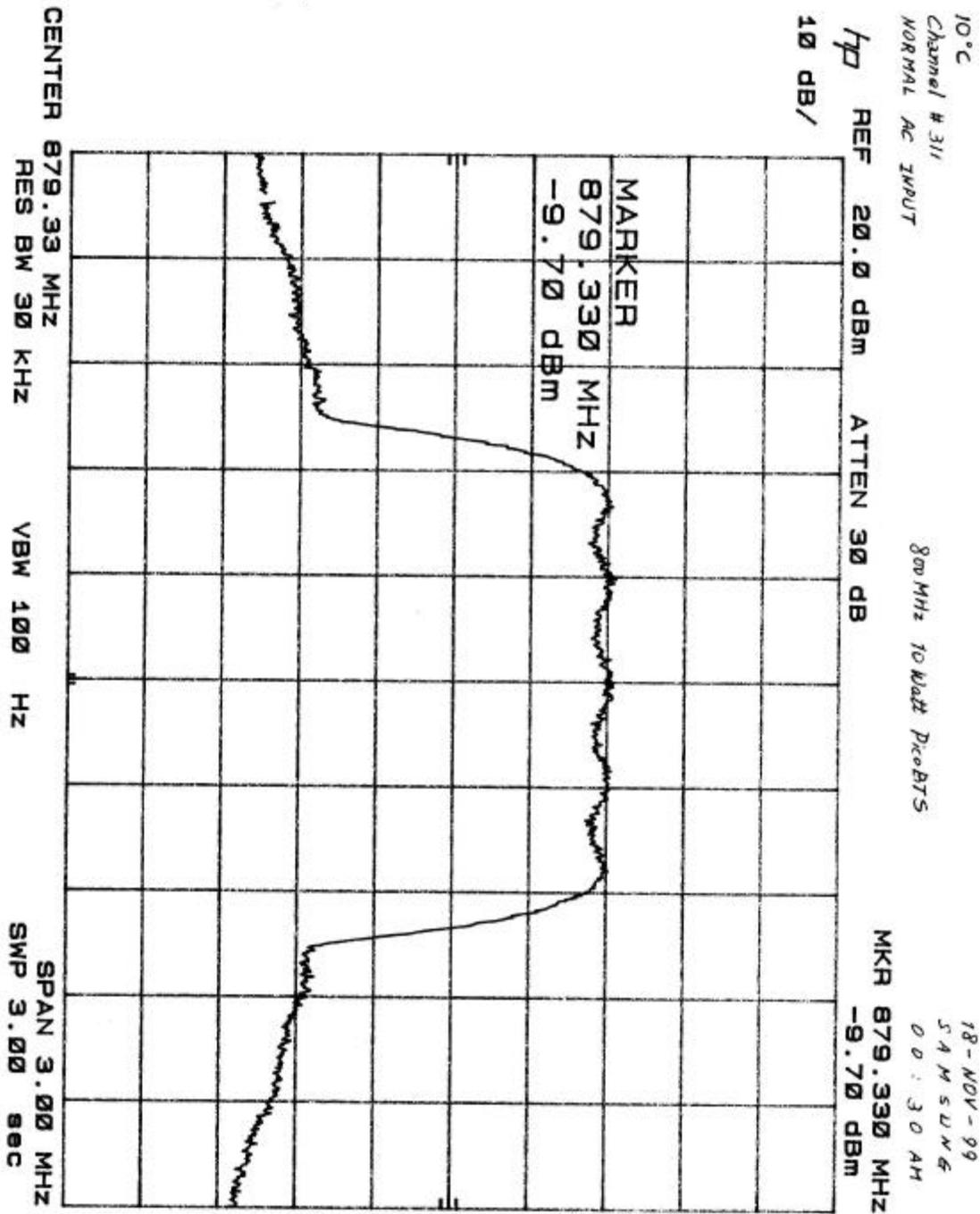
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



12 Chnl 311 0C 115



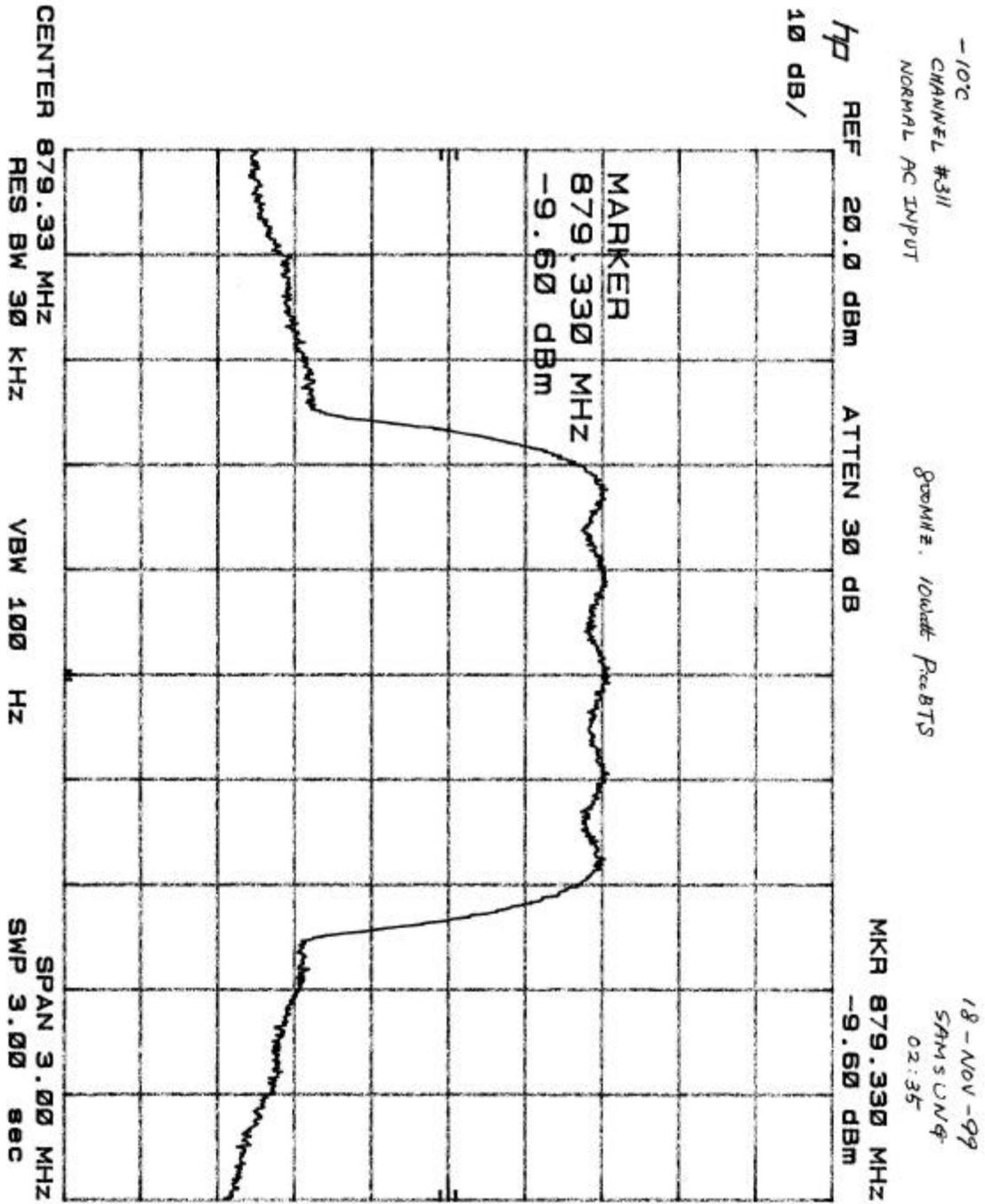
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



13 Chnl 311 10C 115



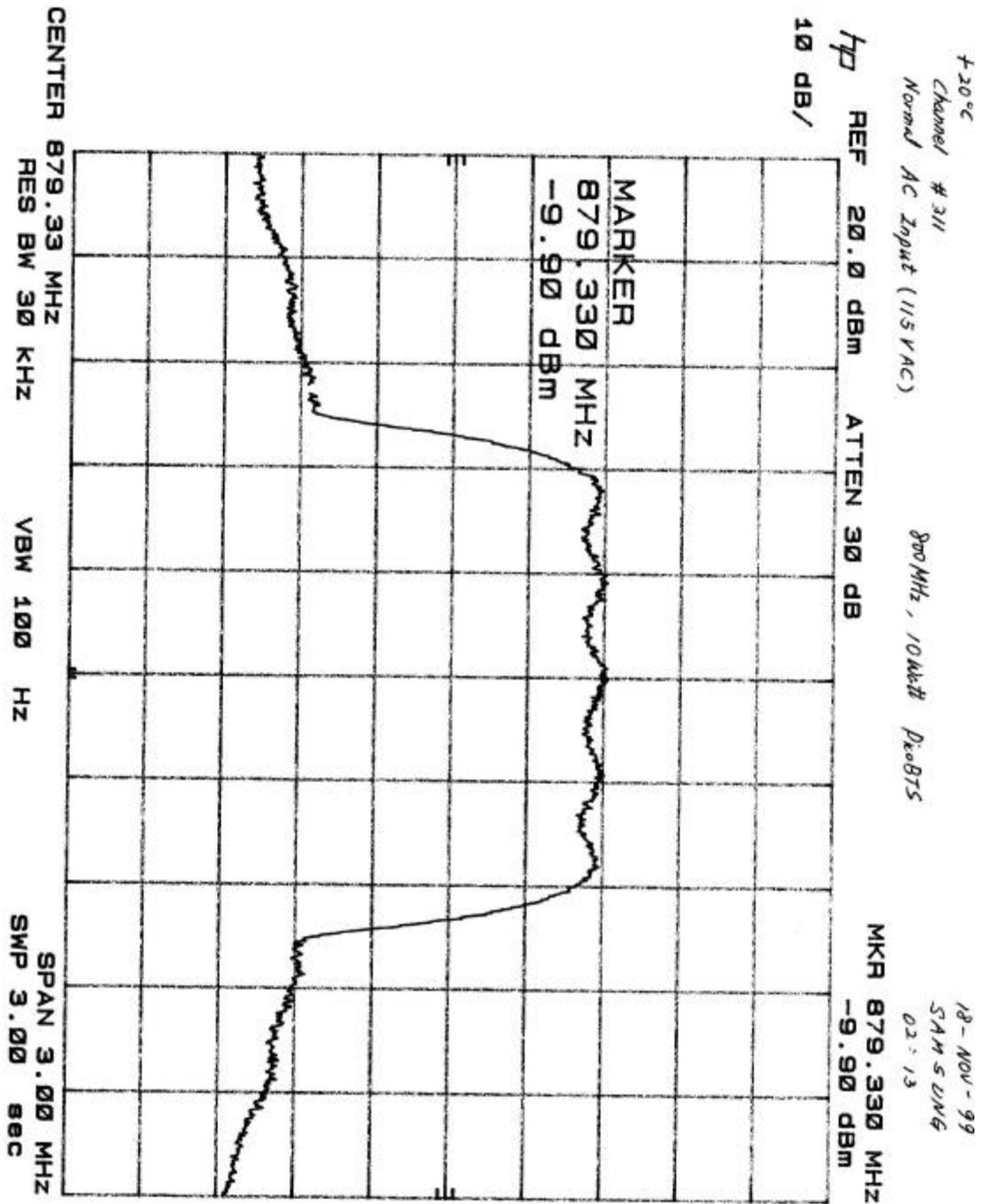
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



14 Chnl 311 -10C 115



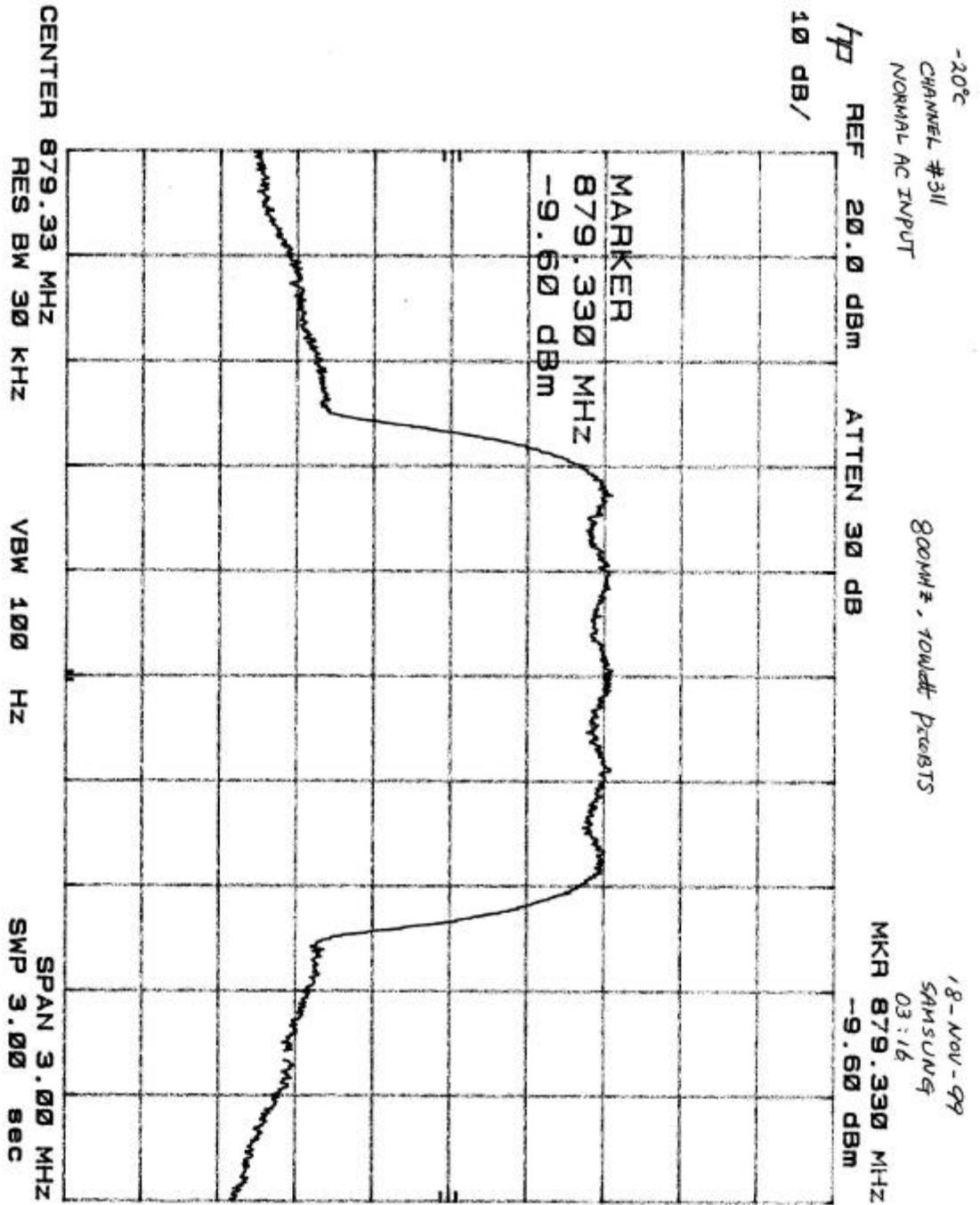
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Work Order Number	2000081 / A0387



15 Chnl 311 20C 115



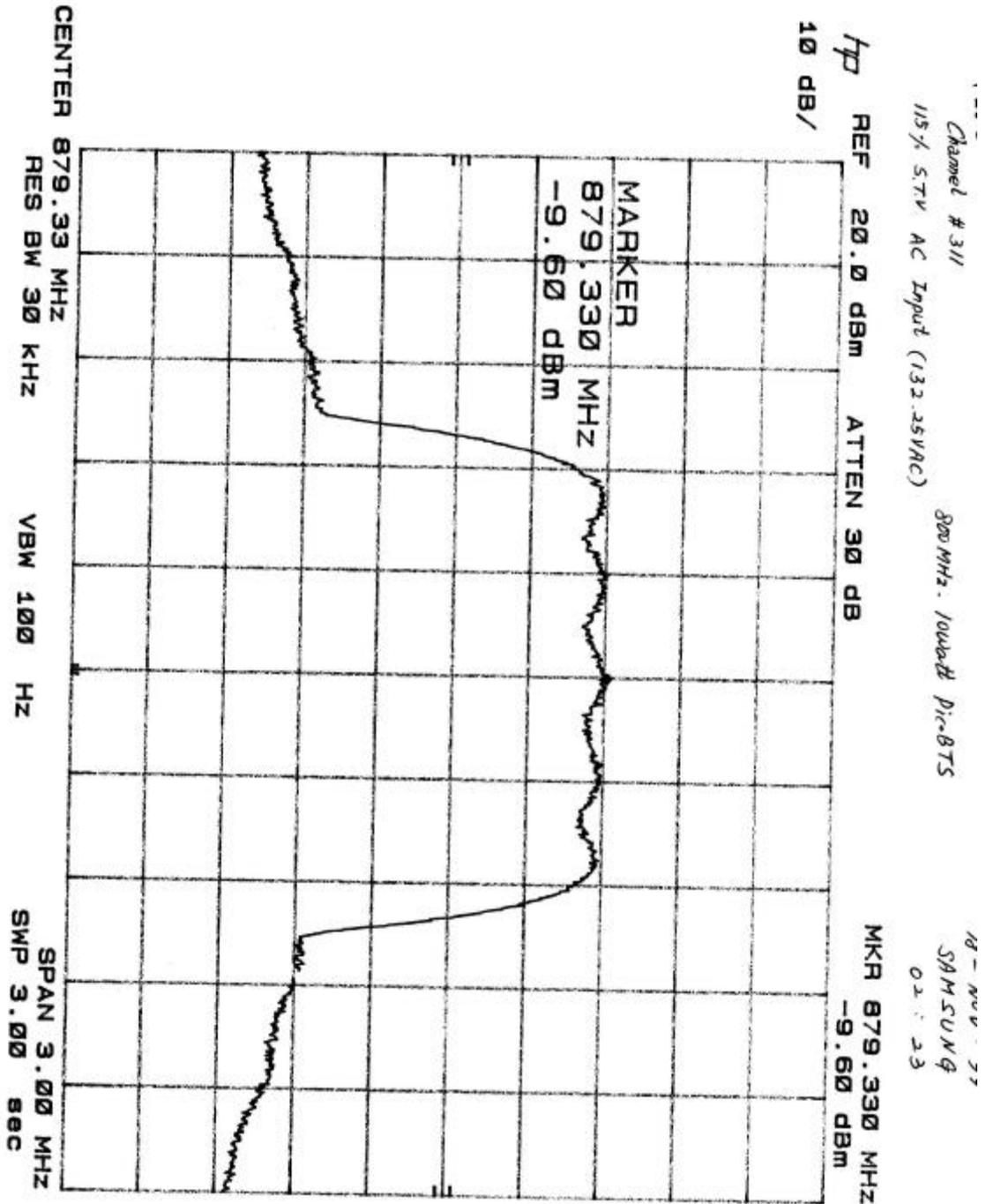
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



16 Chnl 311 -20C 115



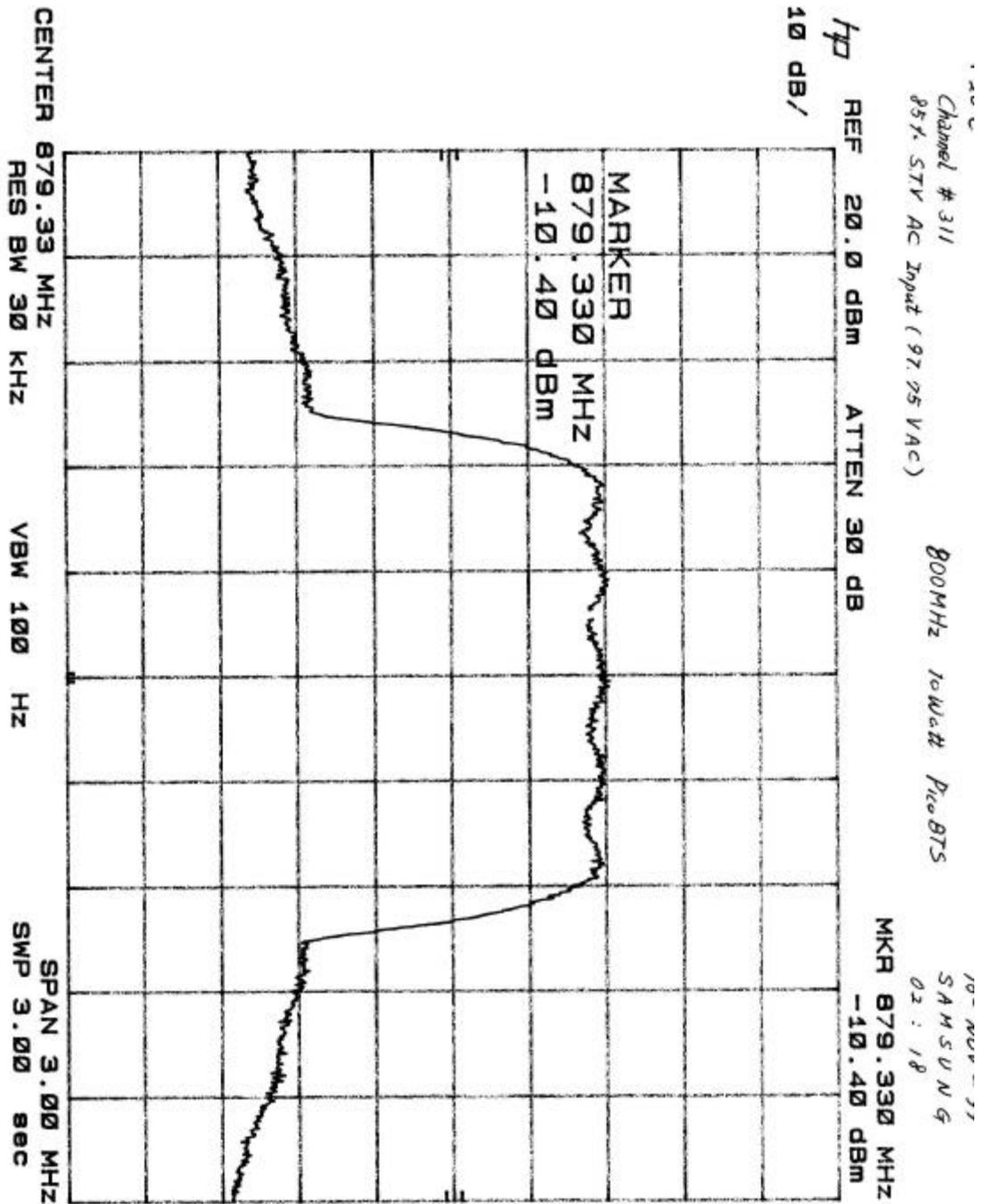
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



17 Chnl 311 20C 132



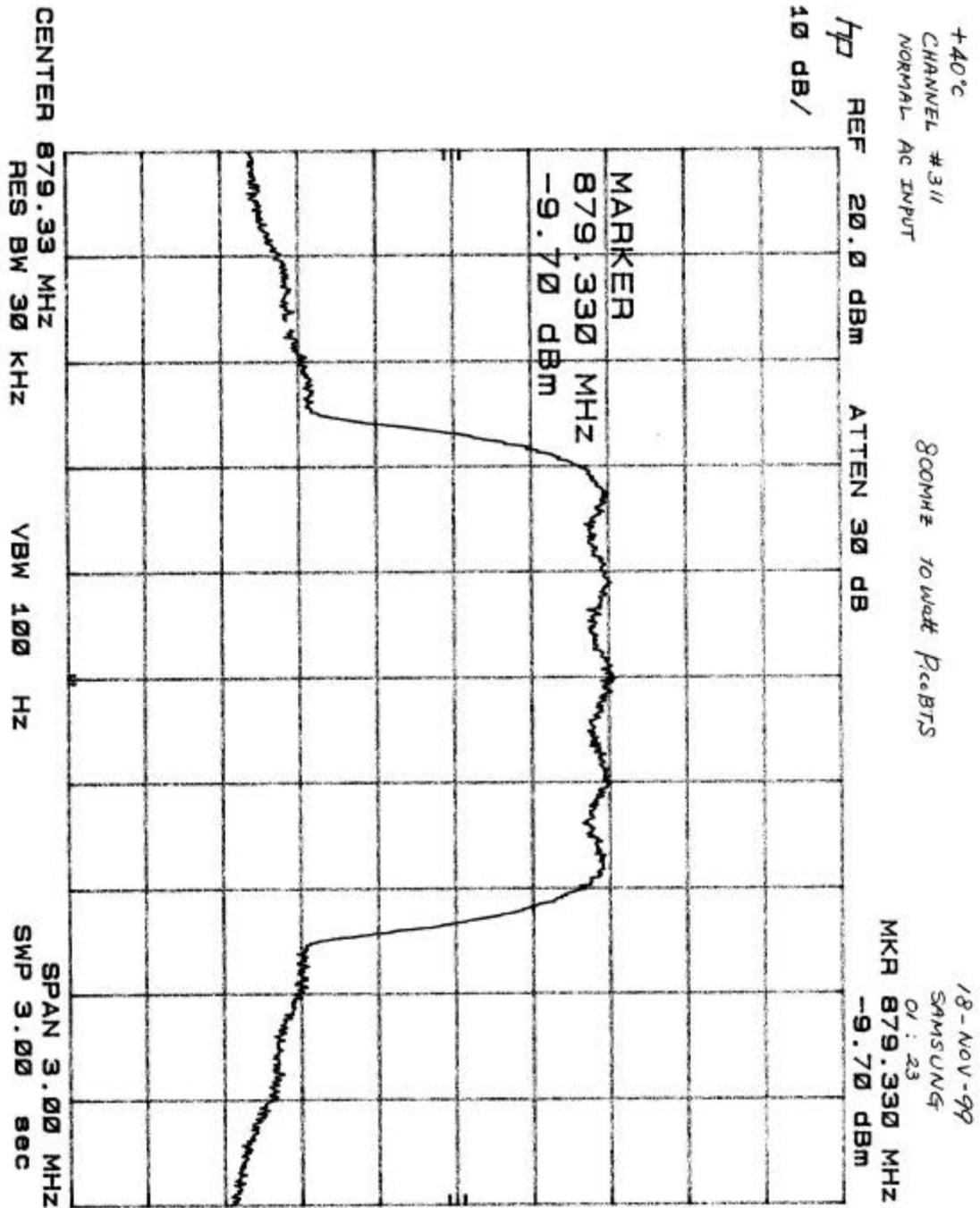
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



18 Chnl 311 20C 98



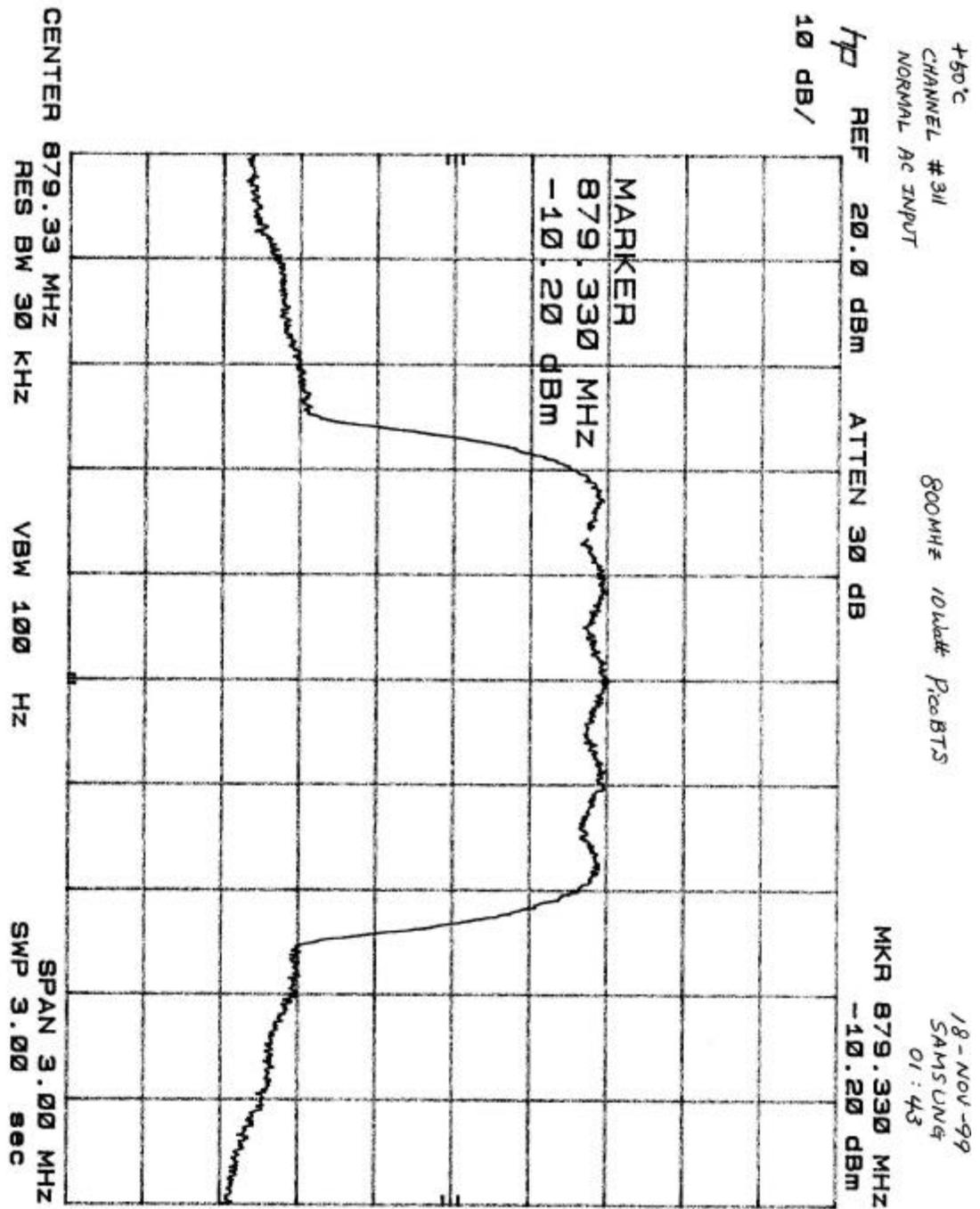
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



19 Chnl 311 40C 115



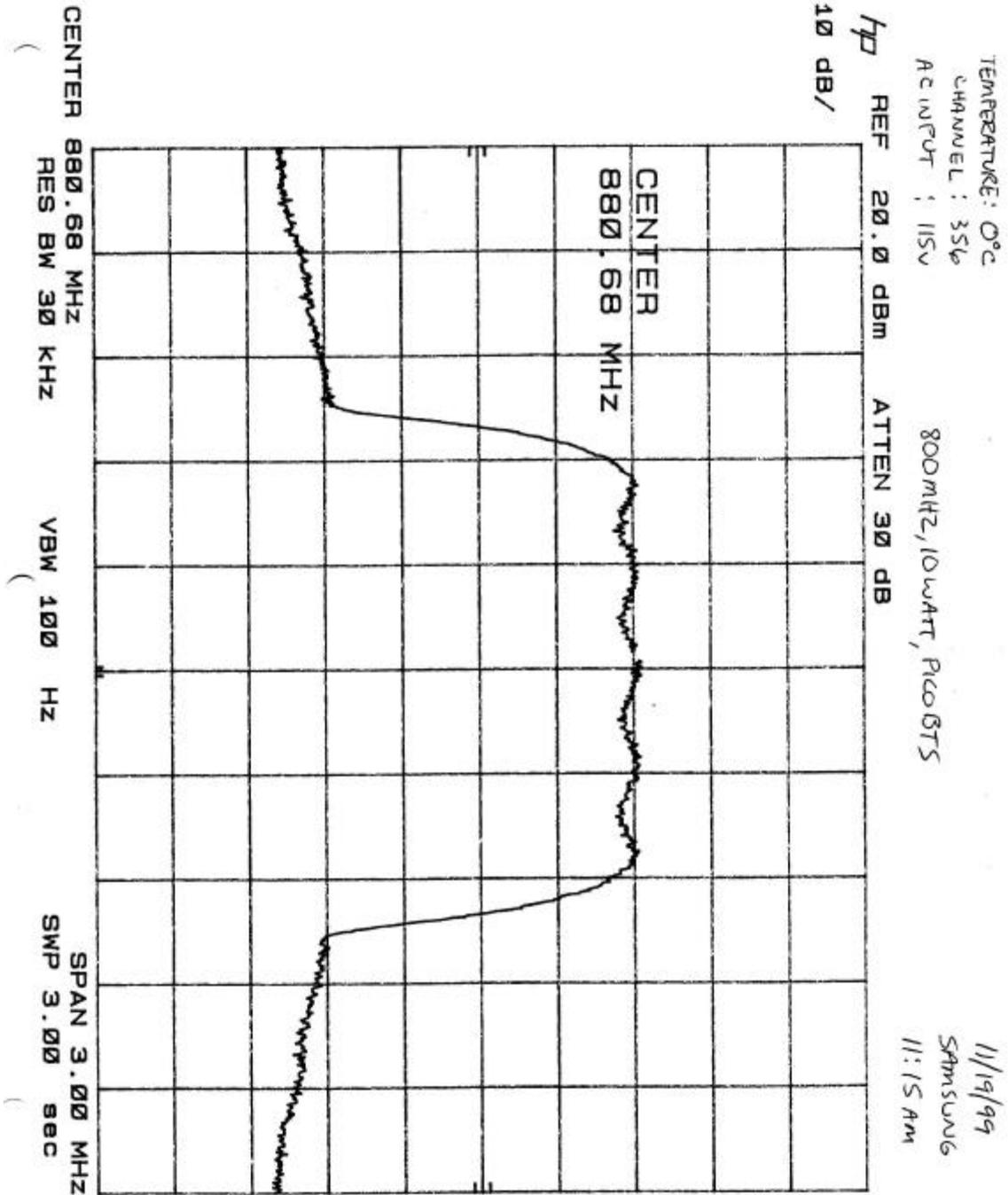
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



20 Chnl 311 50C 115



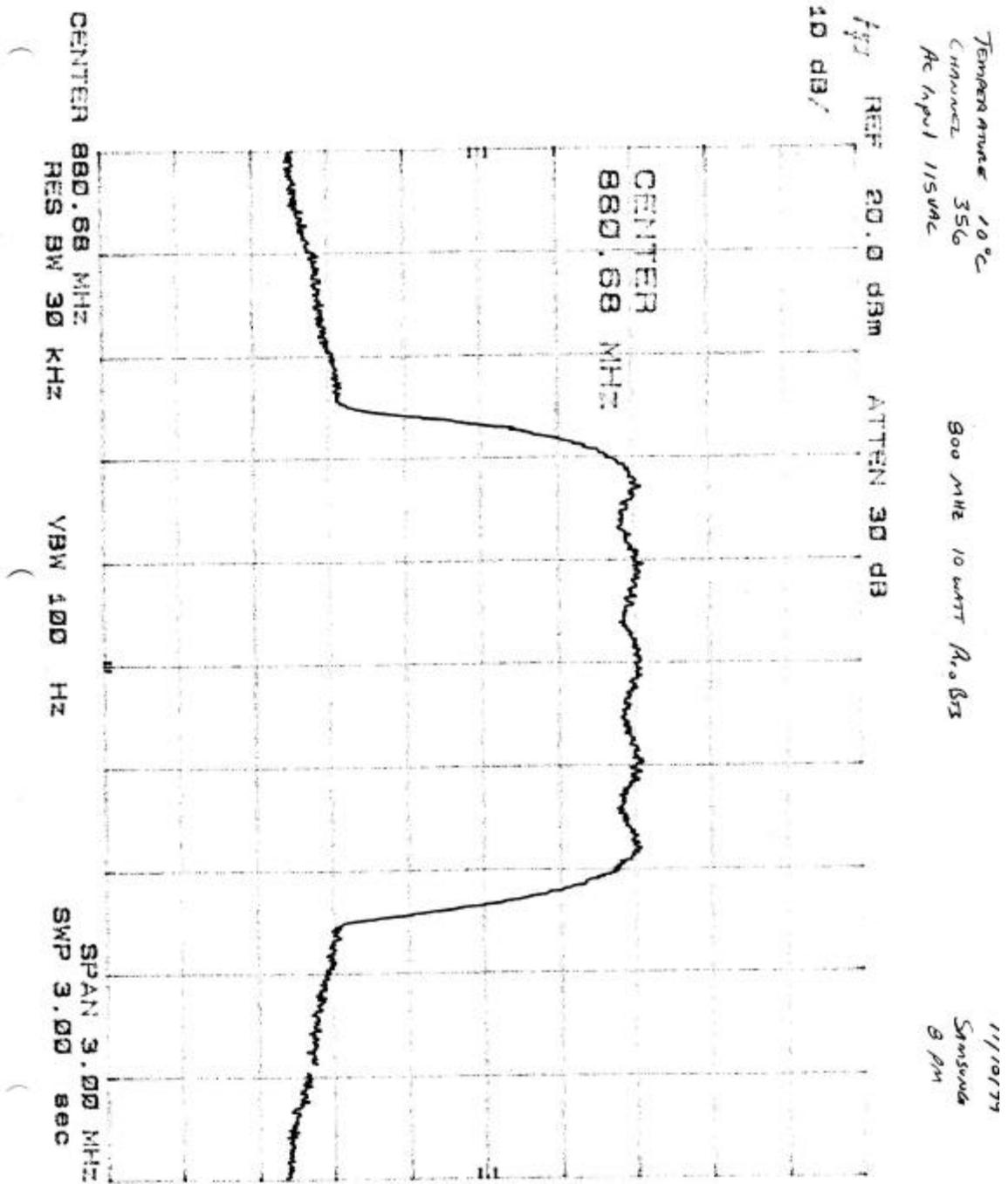
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



21 Chnl 356 0C 115



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



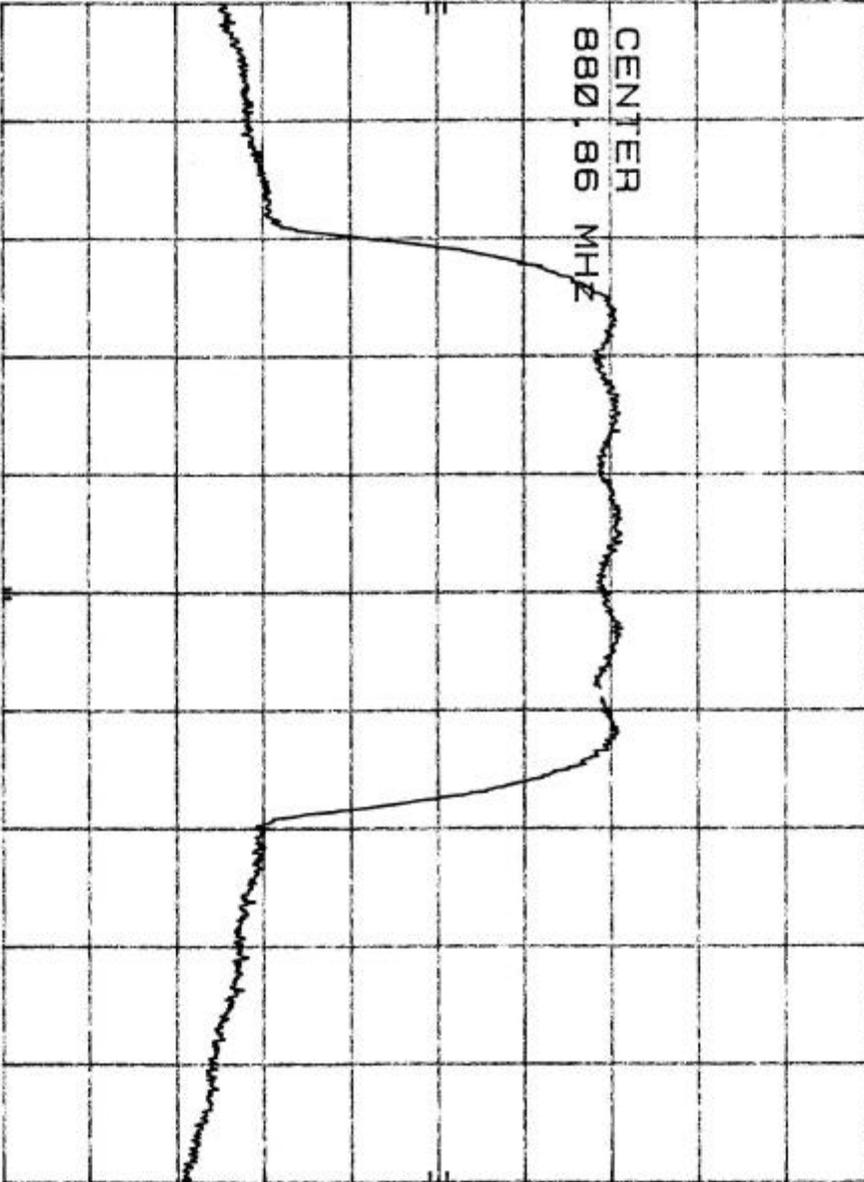
22 Chnl 356 10C 115



Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387

CENTER 880.86 MHz
RES BW 30 KHZ
VBW 100 HZ
SPAN 3.00 MHz
SMP 3.00 sec

HP REF 20.0 dBm
ATTEN 30 dB
10 dB/



TEMPERATURE -10°C
CHANNEL 356
AC INPUT 115VAC

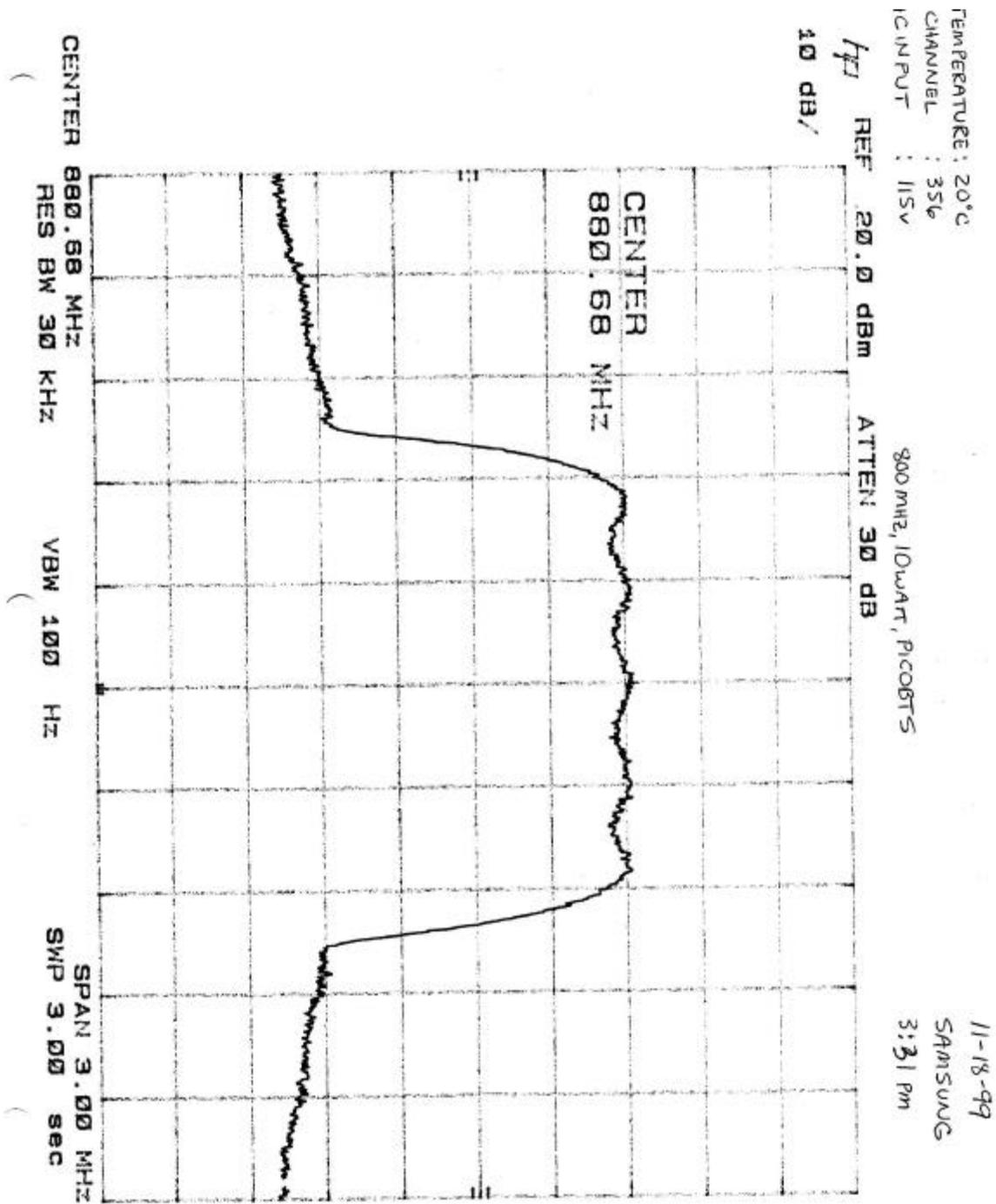
800 MHz, 10 WATT, P1.5 BTs

11:11
SAMSUNG
11:45 AM

23 Chnl 356 -10C 115



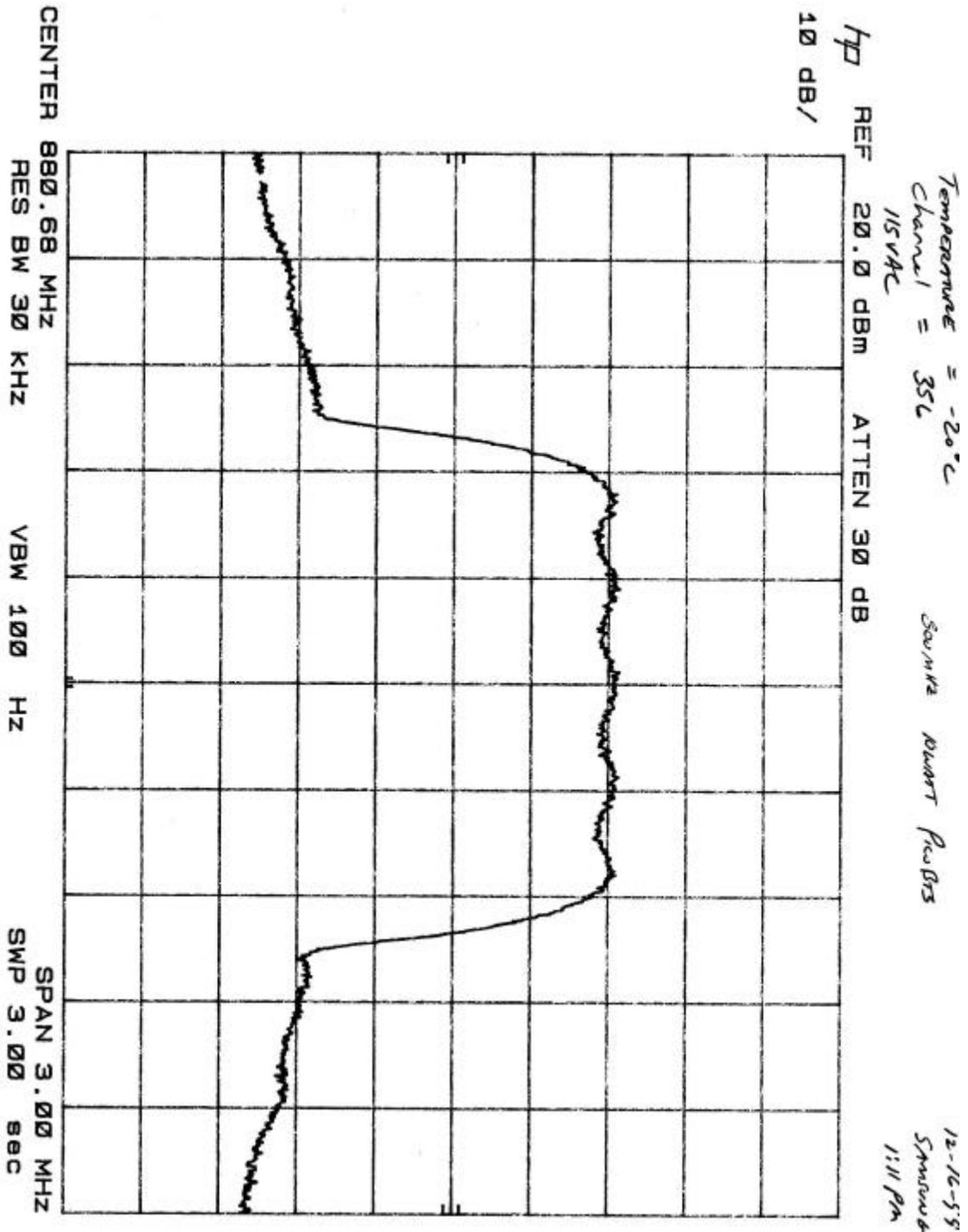
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



24 Chnl 356 20C 115



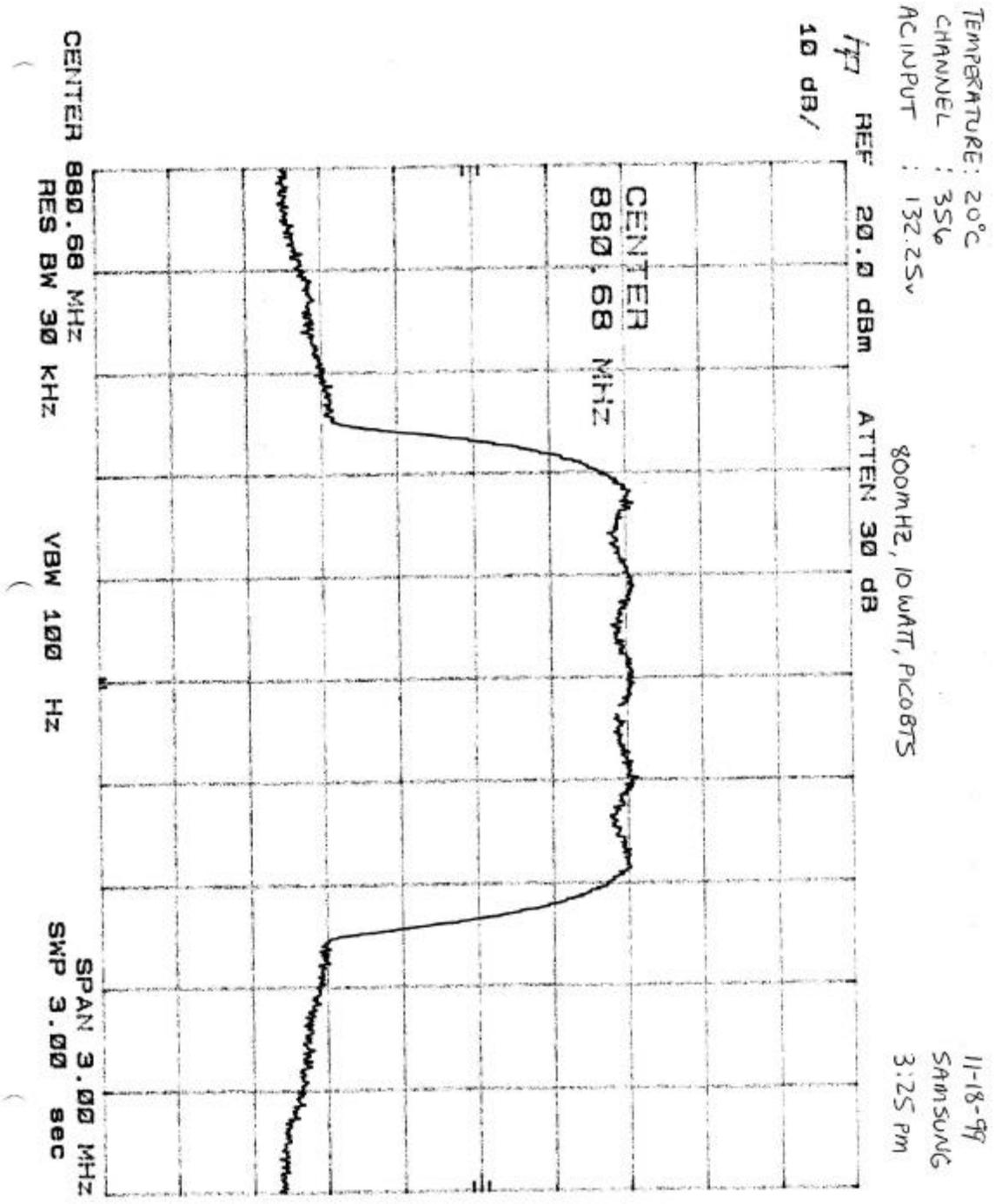
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



25 Chnl 356 -20C 115



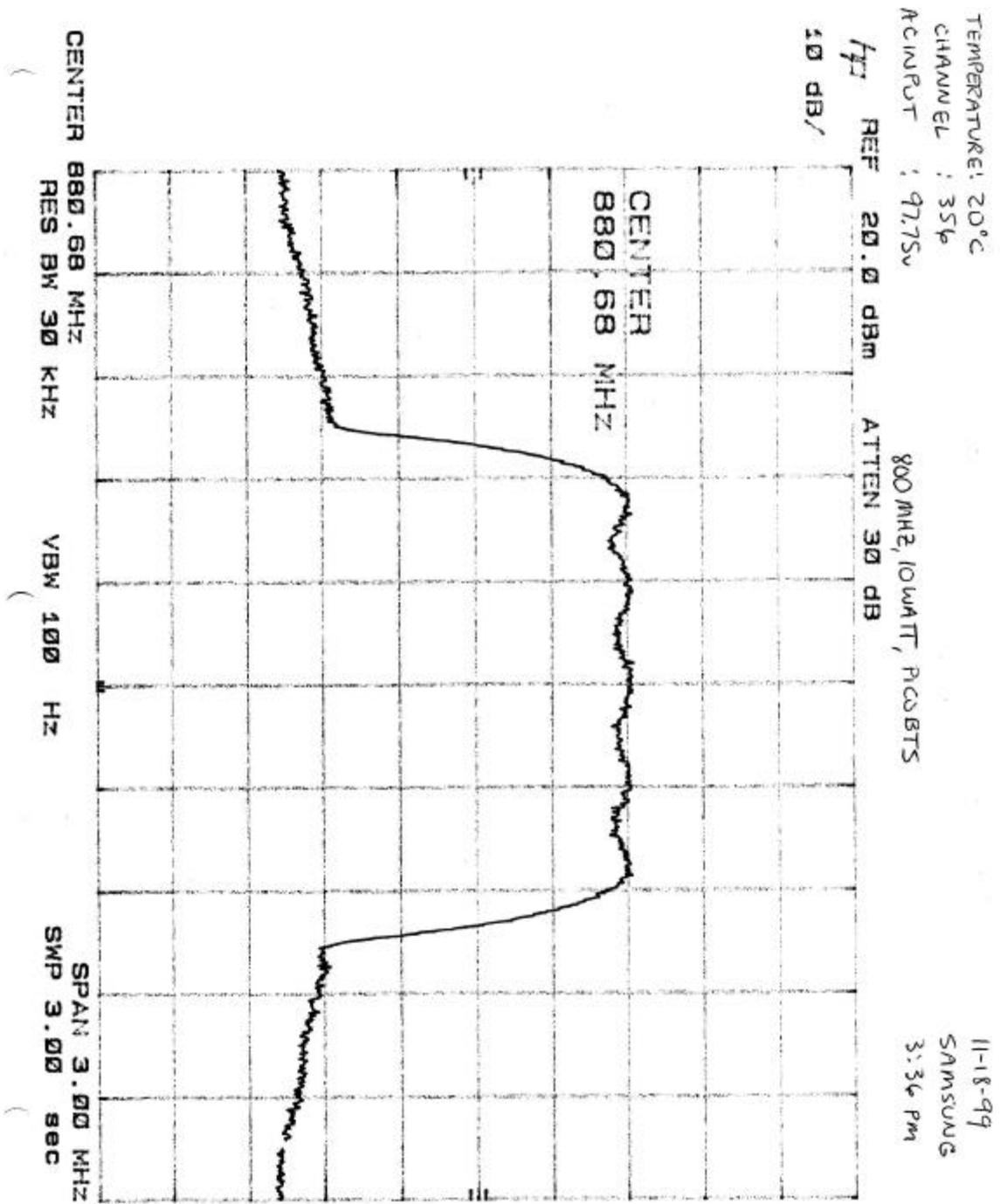
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



26 Chnl 356 20C 132



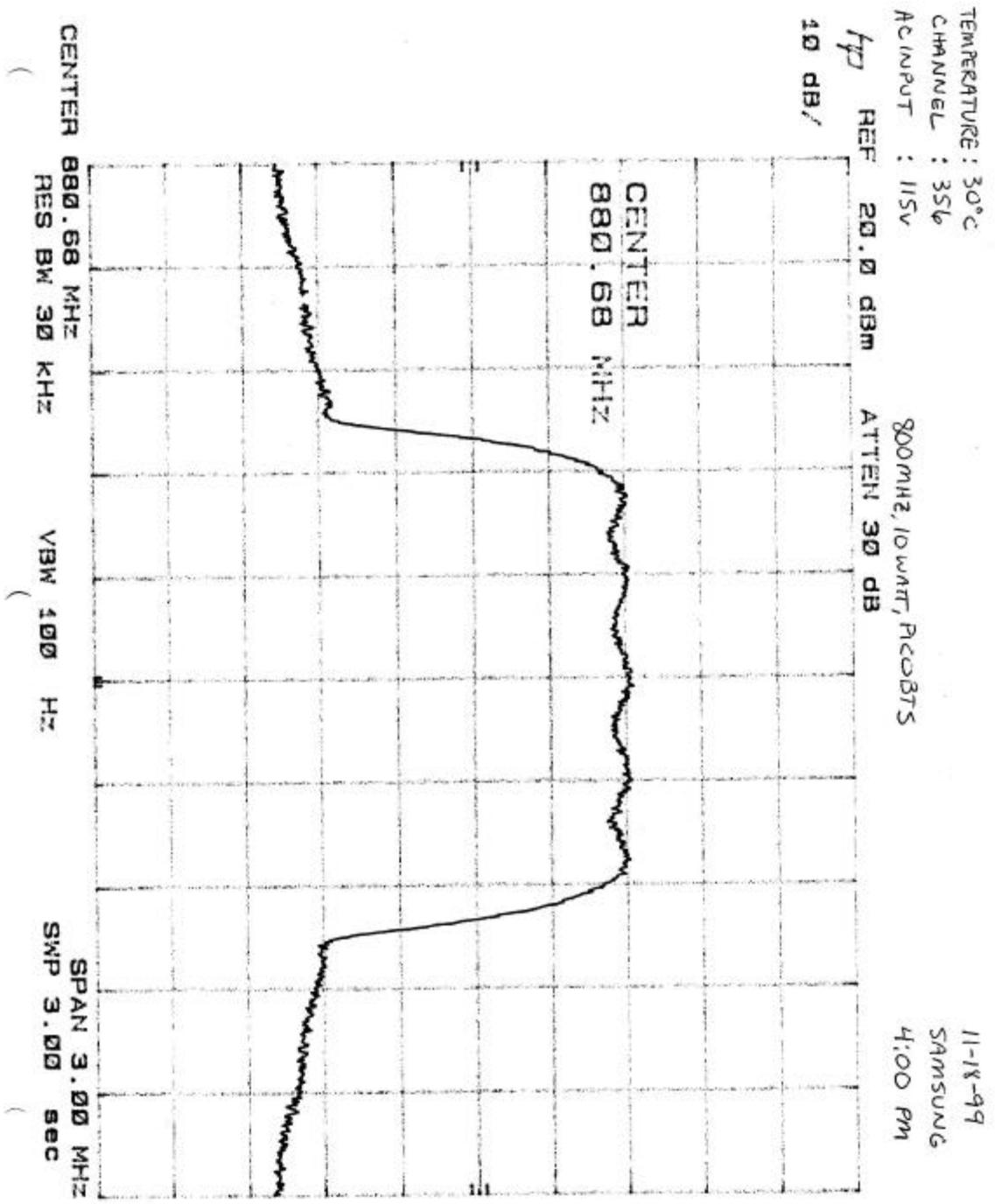
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



27 Chnl 356 20C 97



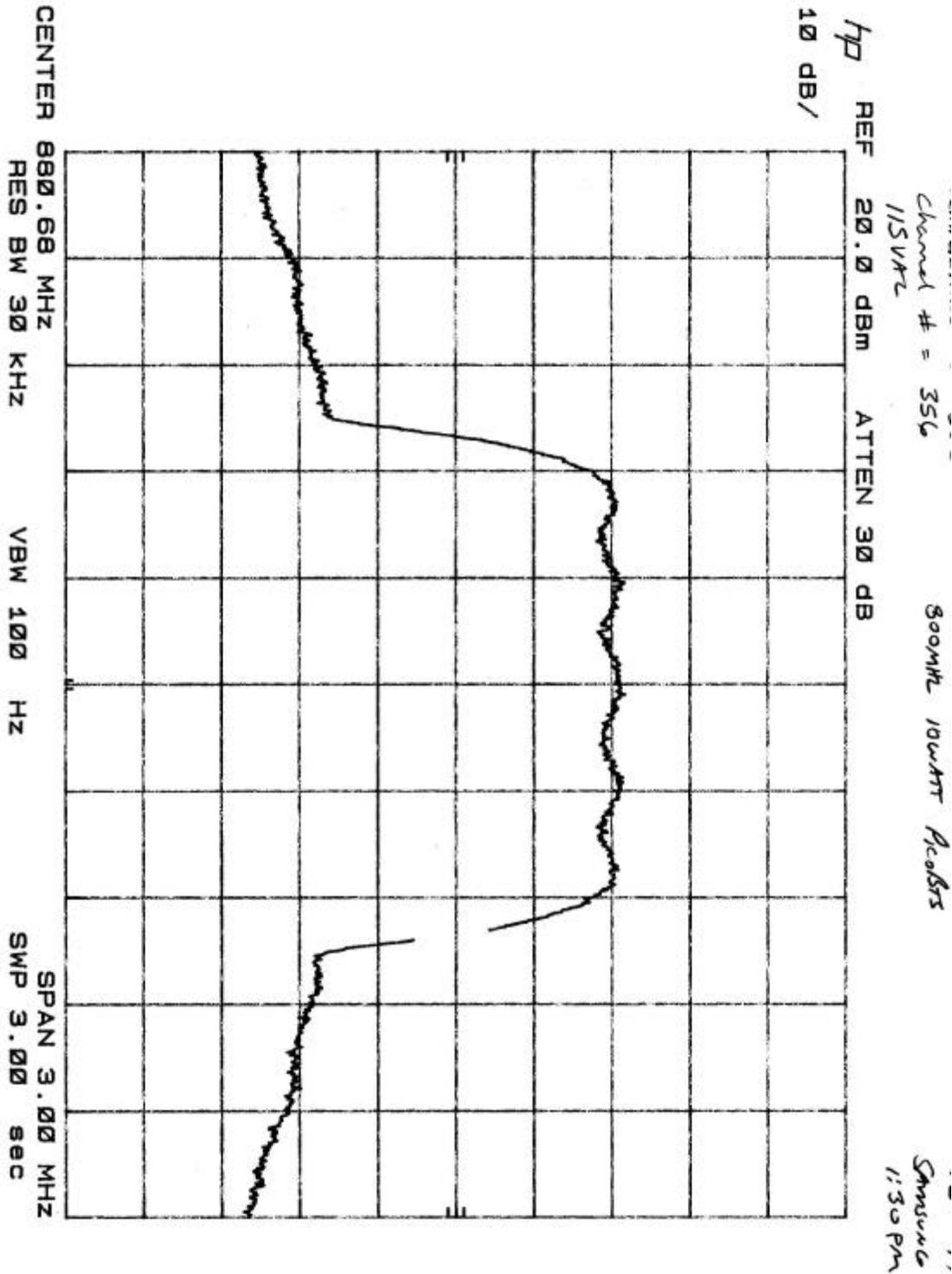
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



28 Chnl 356 30C 115



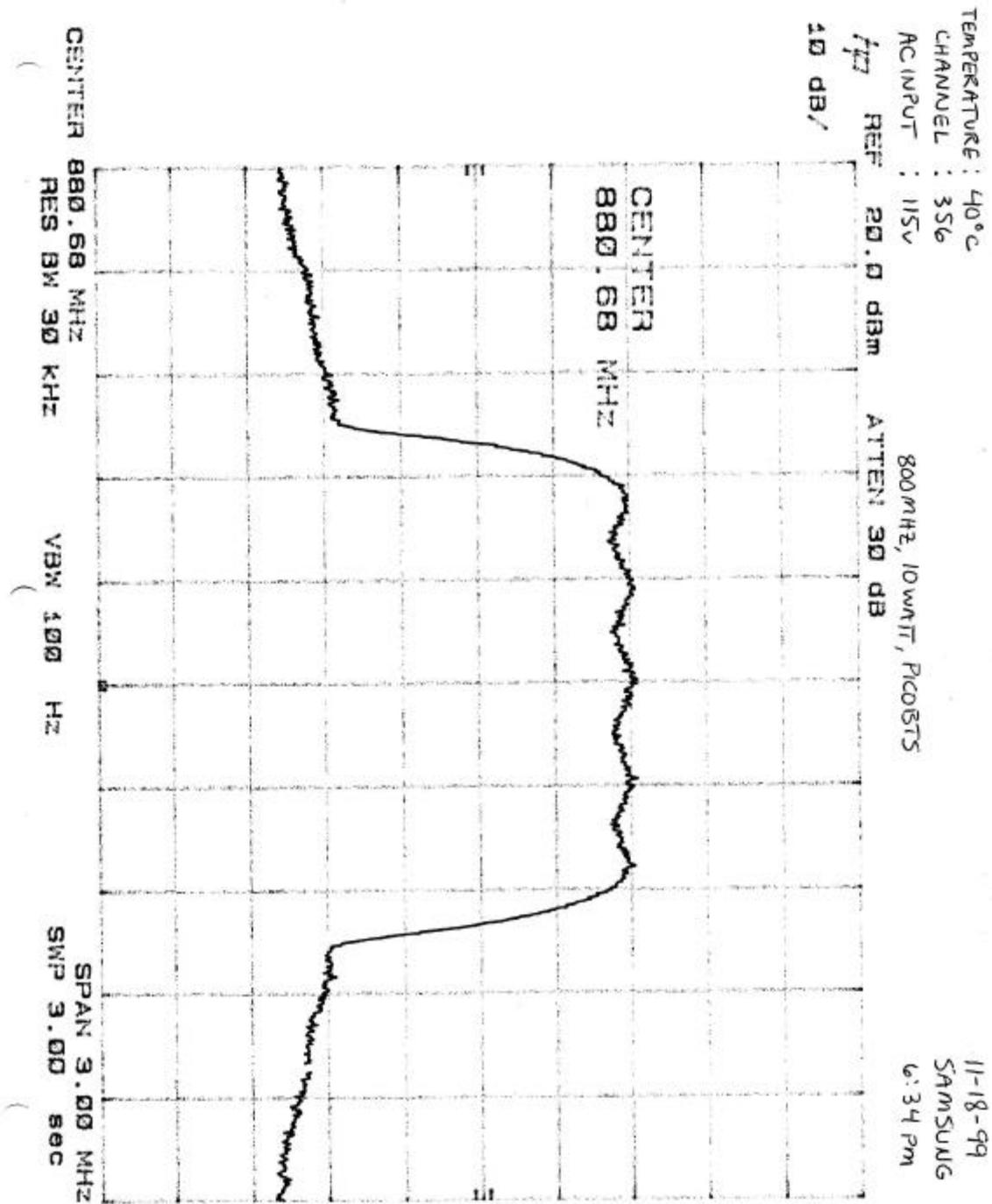
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



29 Chnl 356 -30C 115



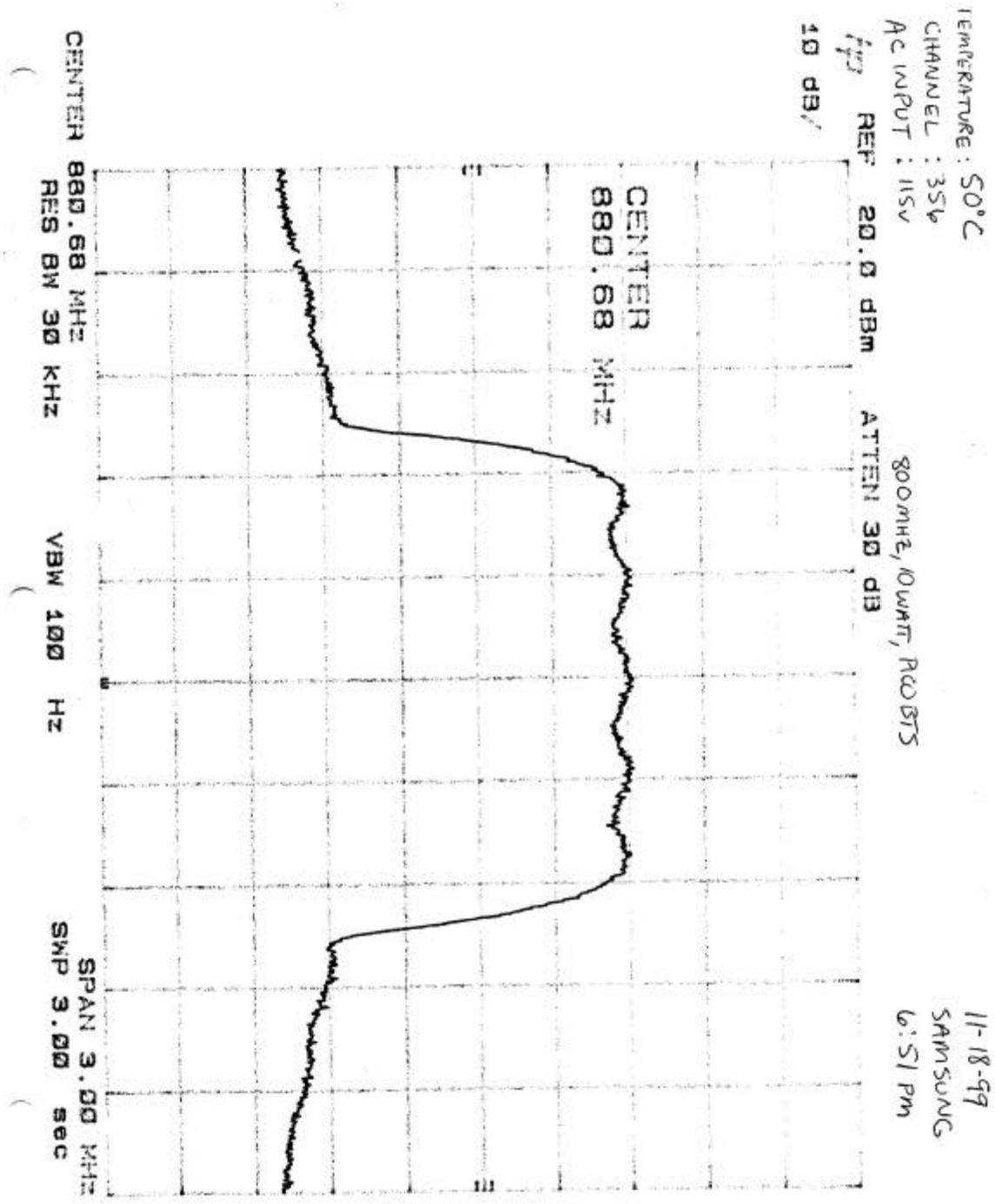
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



30 Chnl 356 40C 115



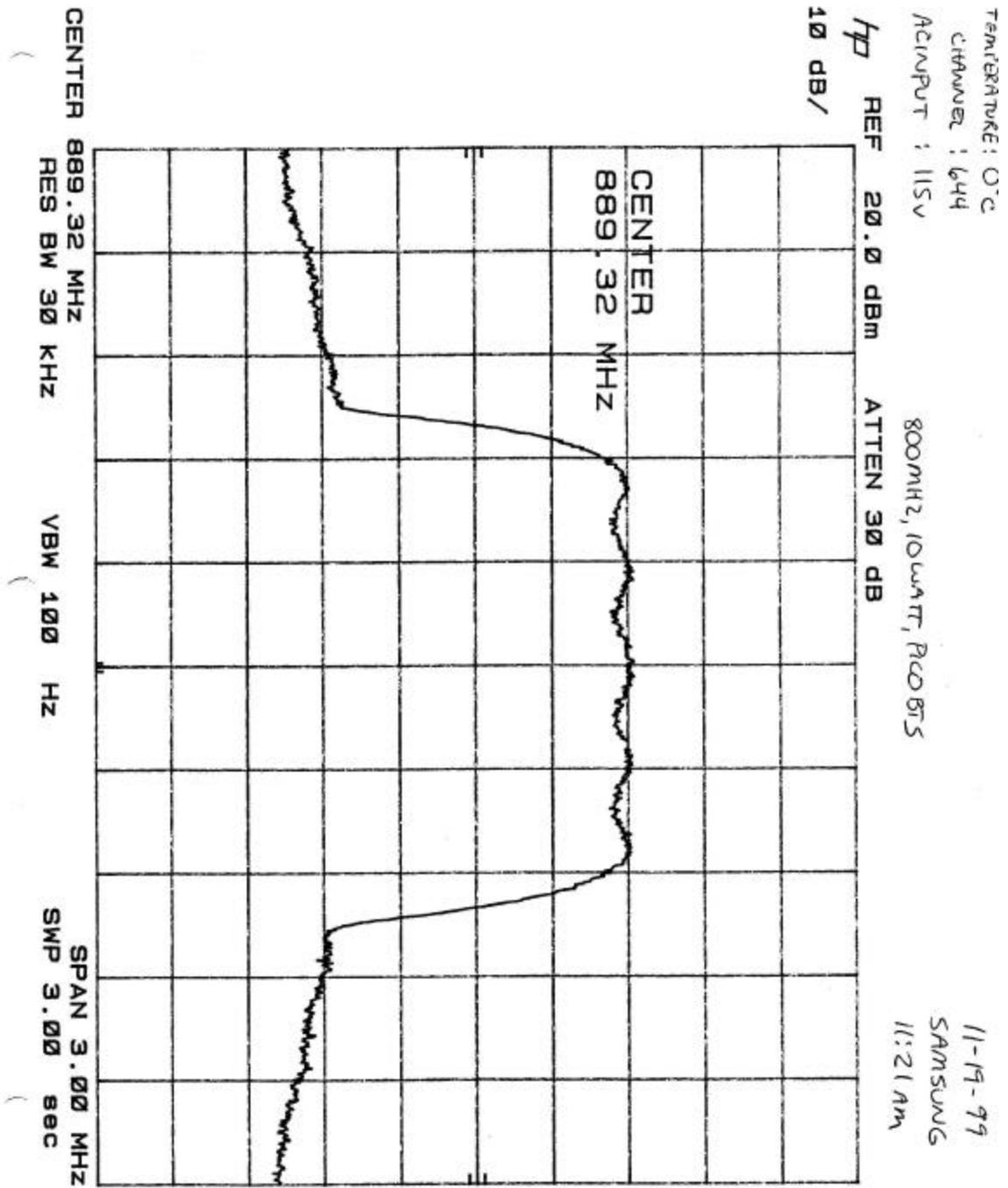
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



31 Chnl 356 50C 115



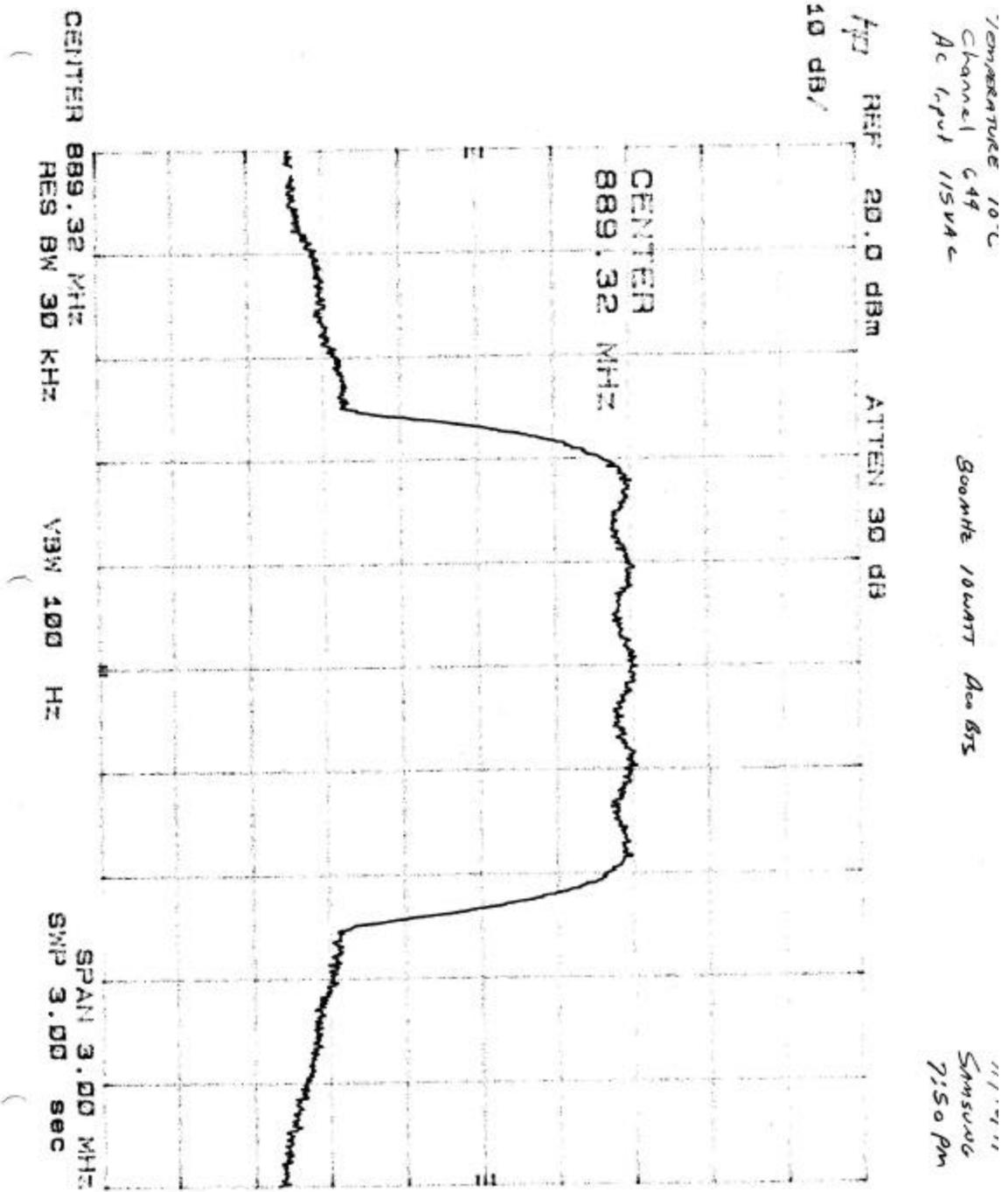
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



32 Chnl 644 0C 115



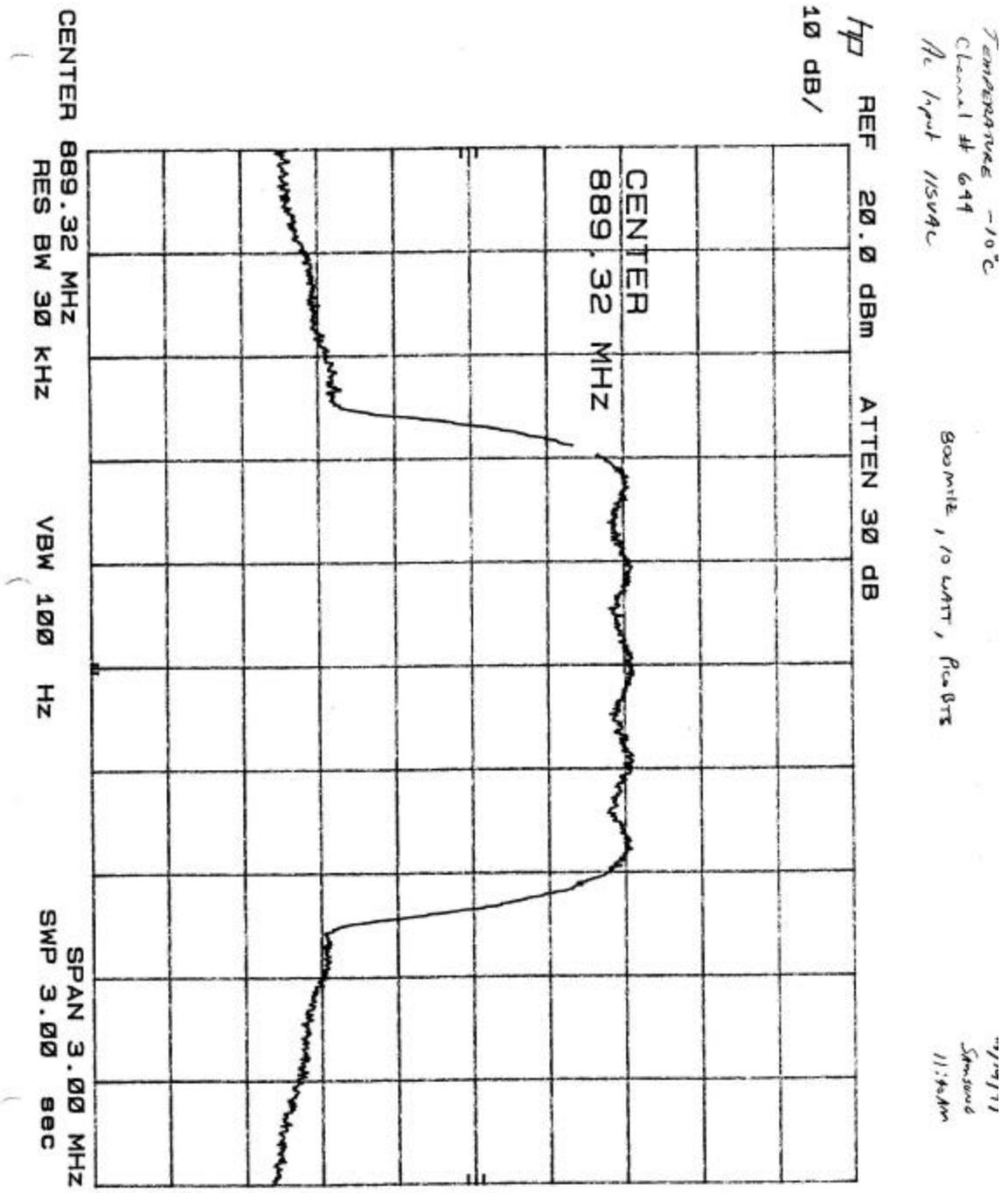
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



33 Chnl 644 10C 115



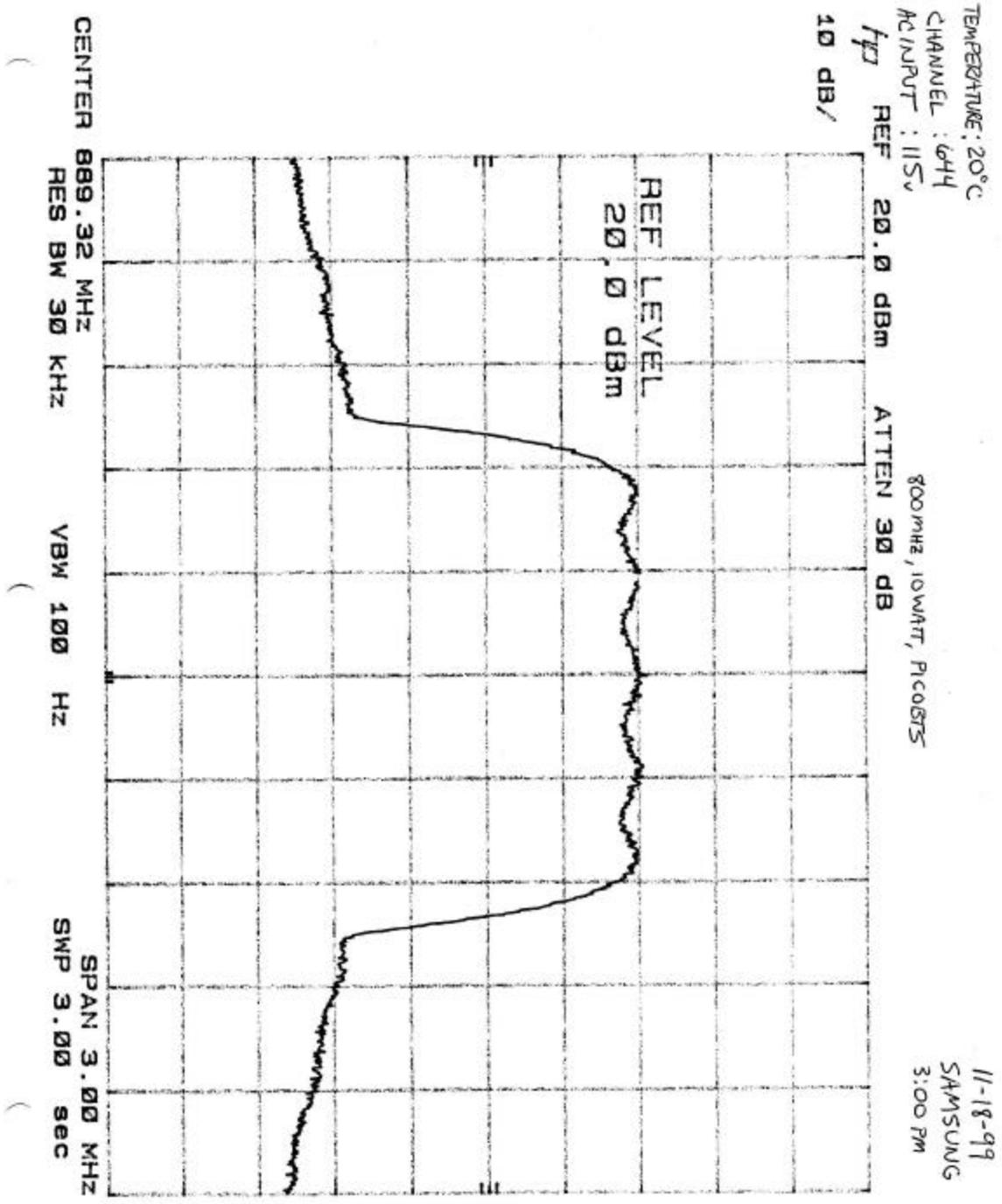
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



34 Chnl 644 -10C 115



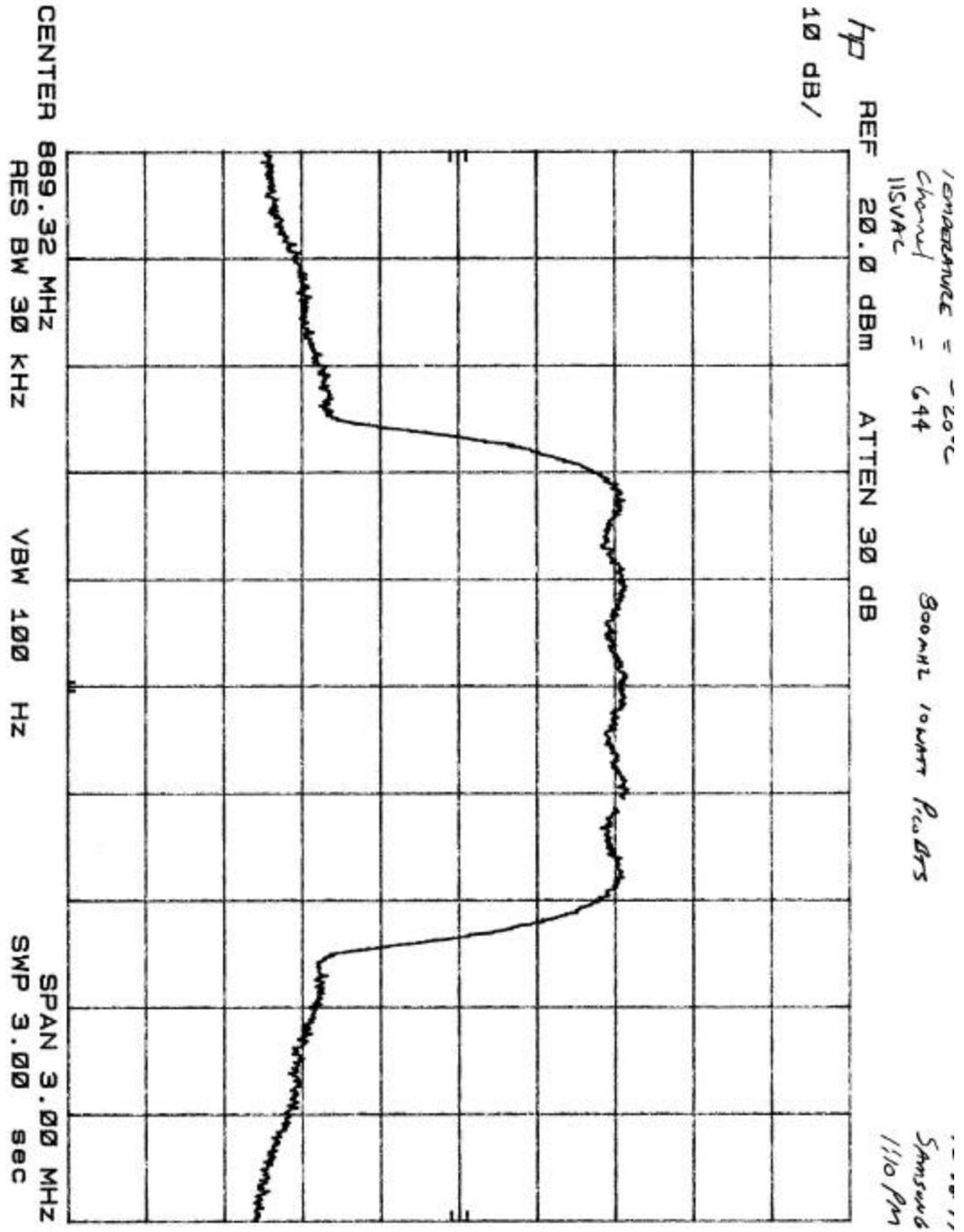
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



35 Chnl 644 20 C 115



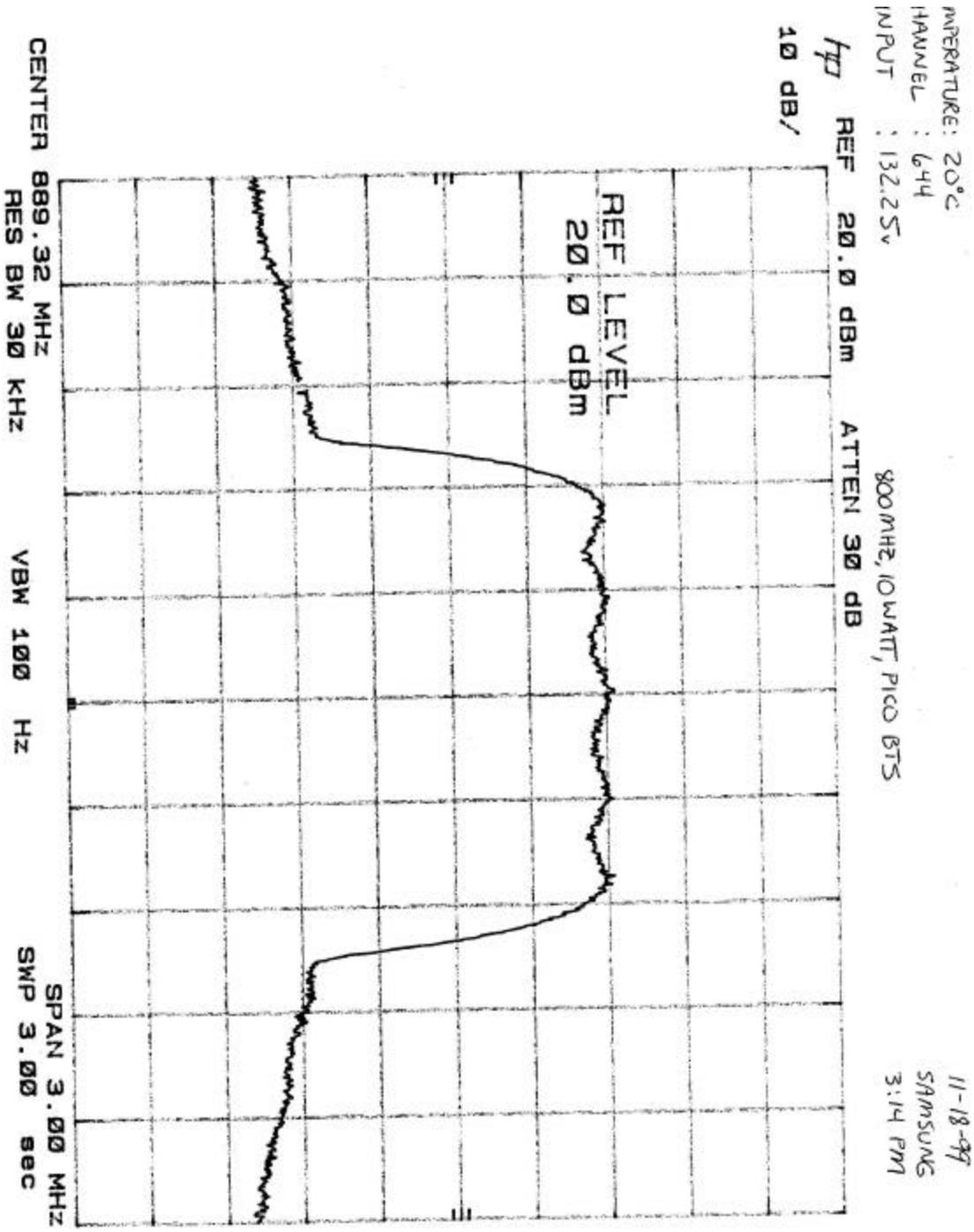
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



36 Chnl 644 -20C 115



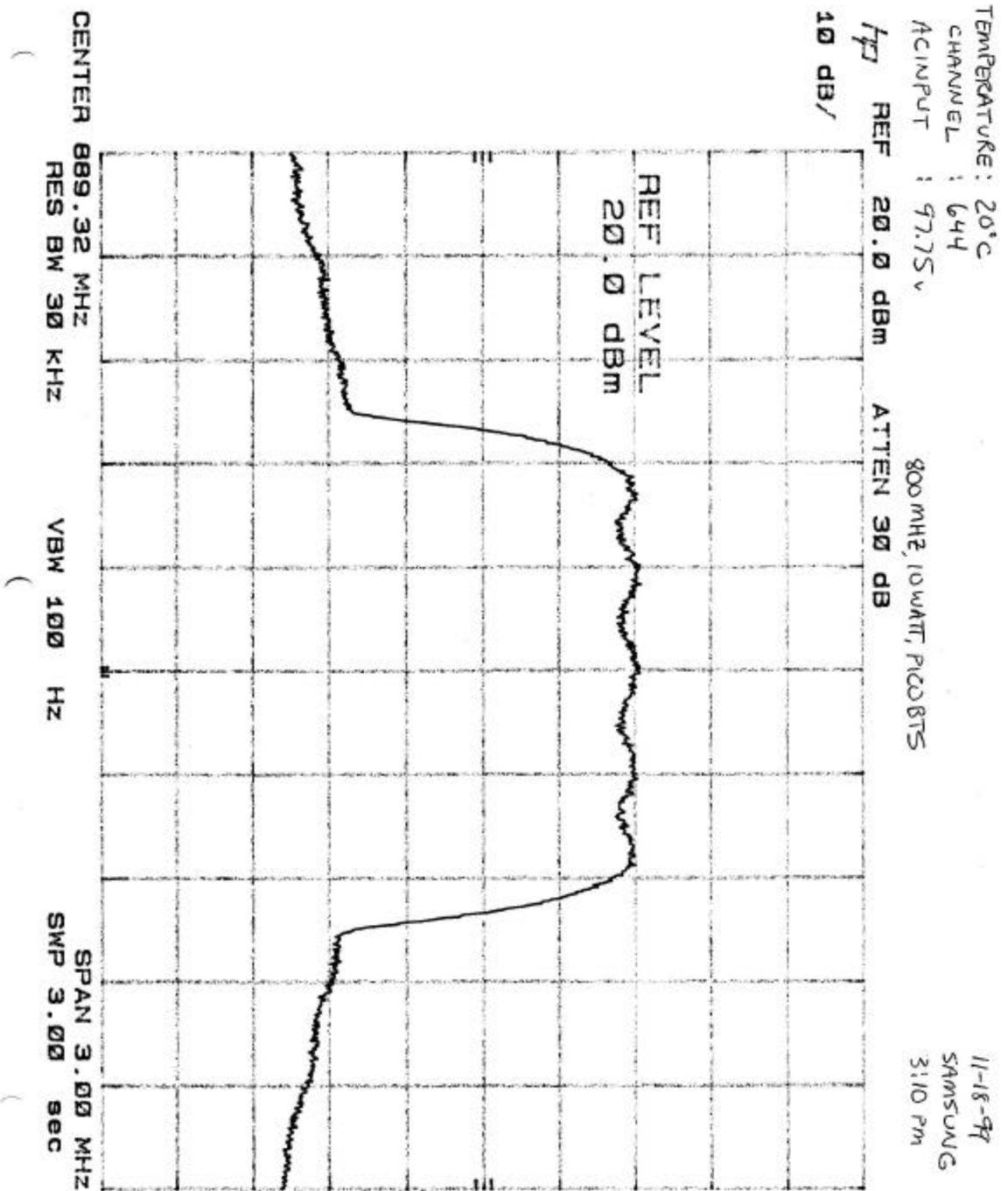
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



37 Chnl 644 20C 132



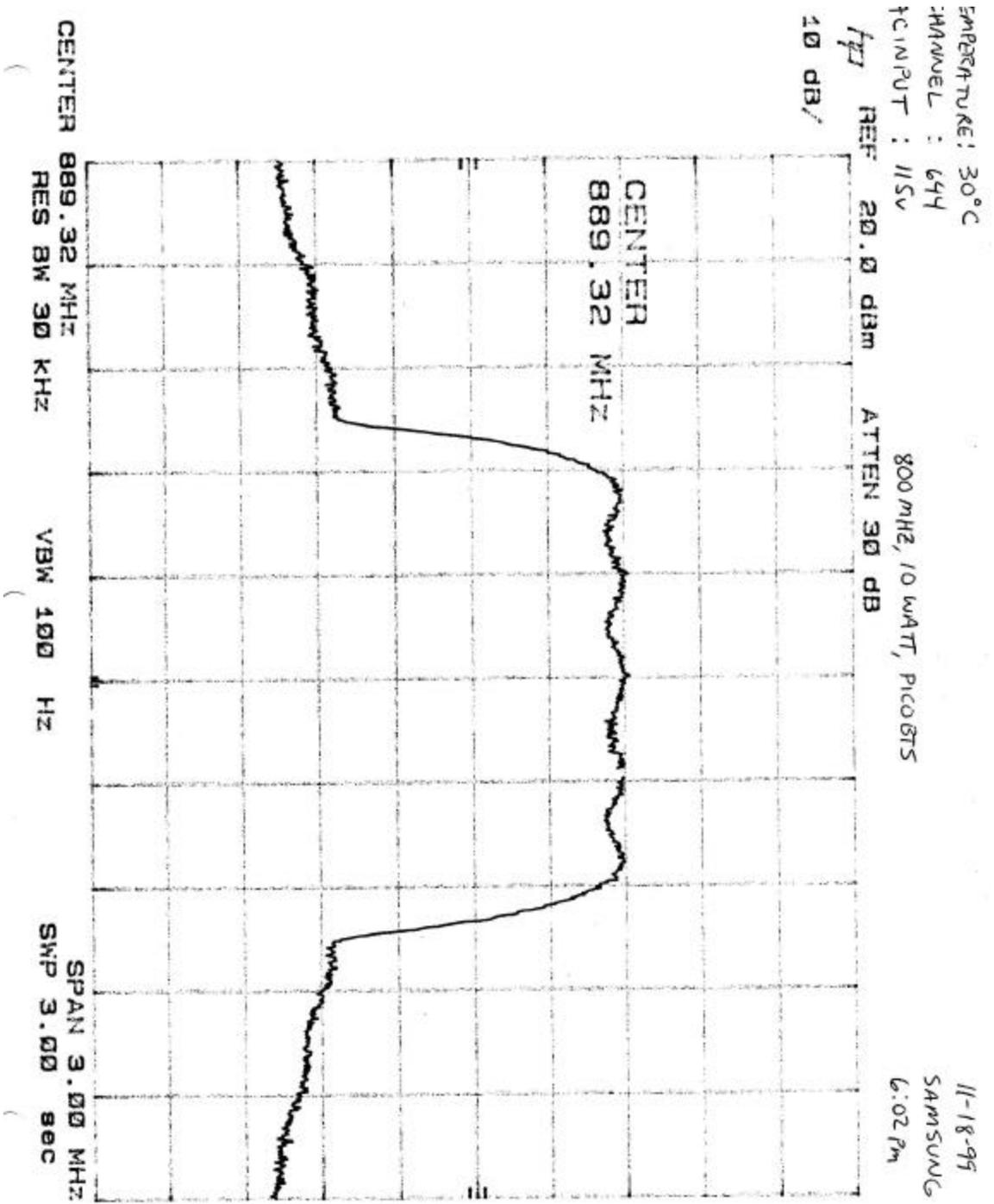
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



38 Chnl 644 20C 97



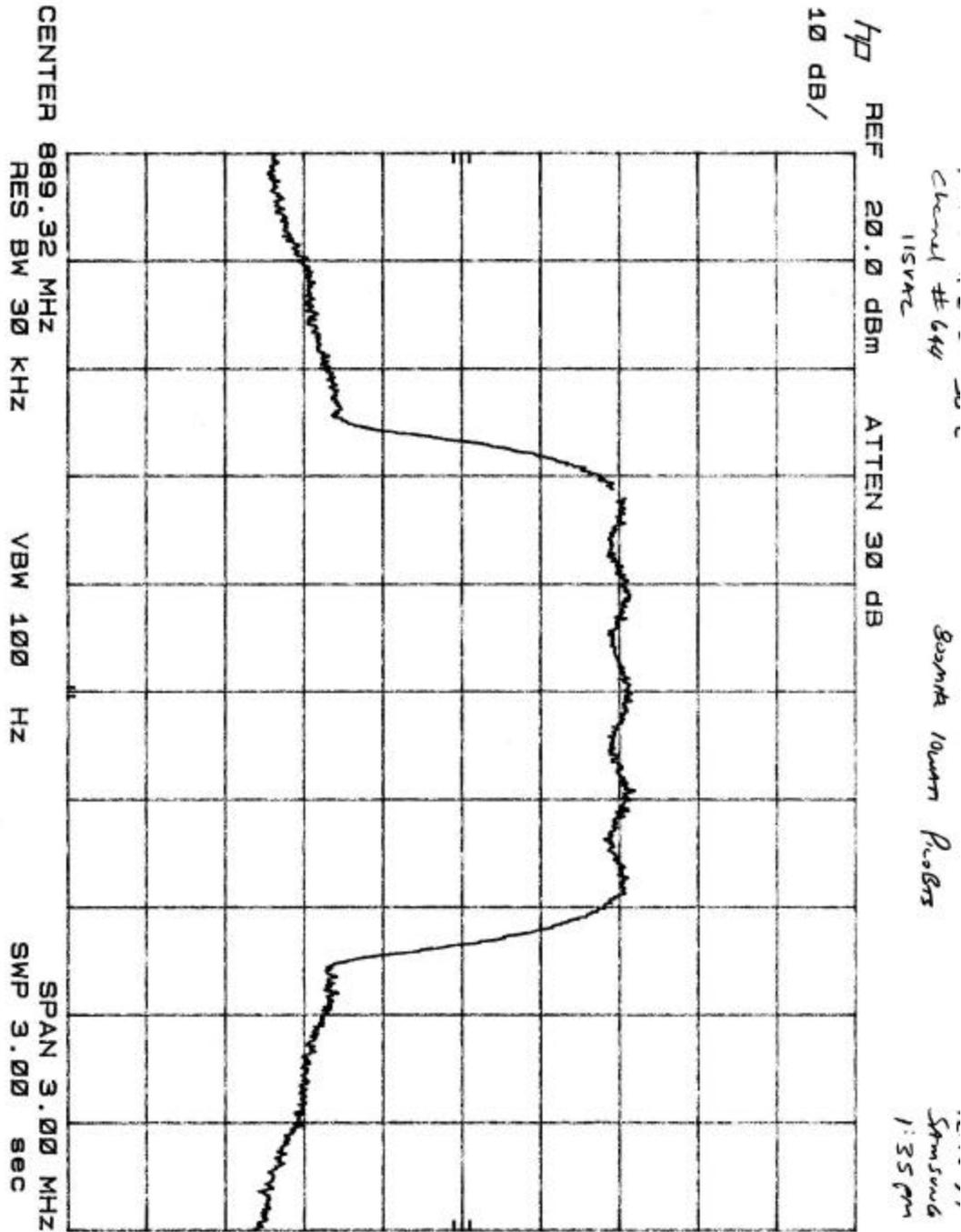
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



39 Chnl 644 30C 115



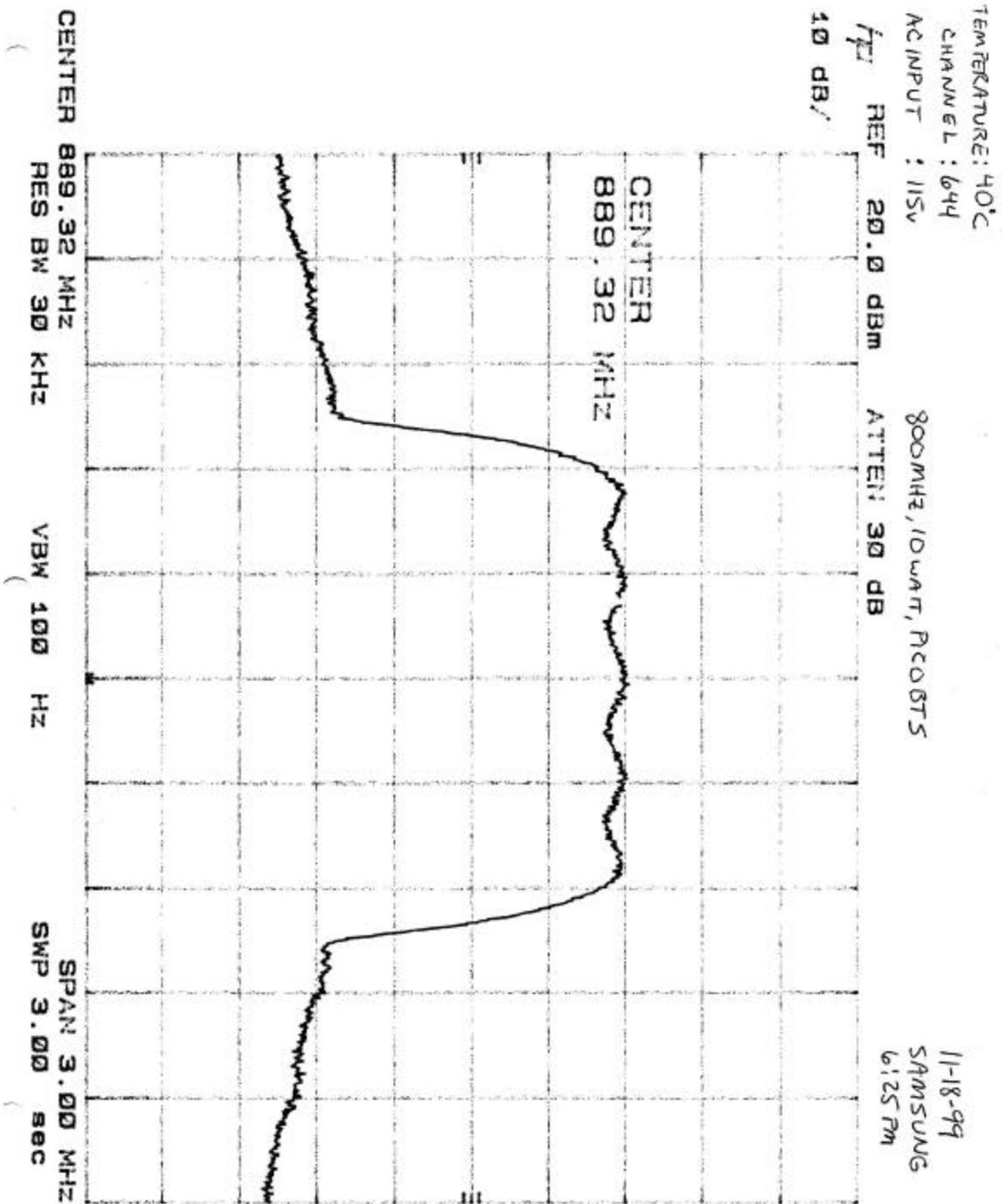
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



40 Chnl 644 -30C 115



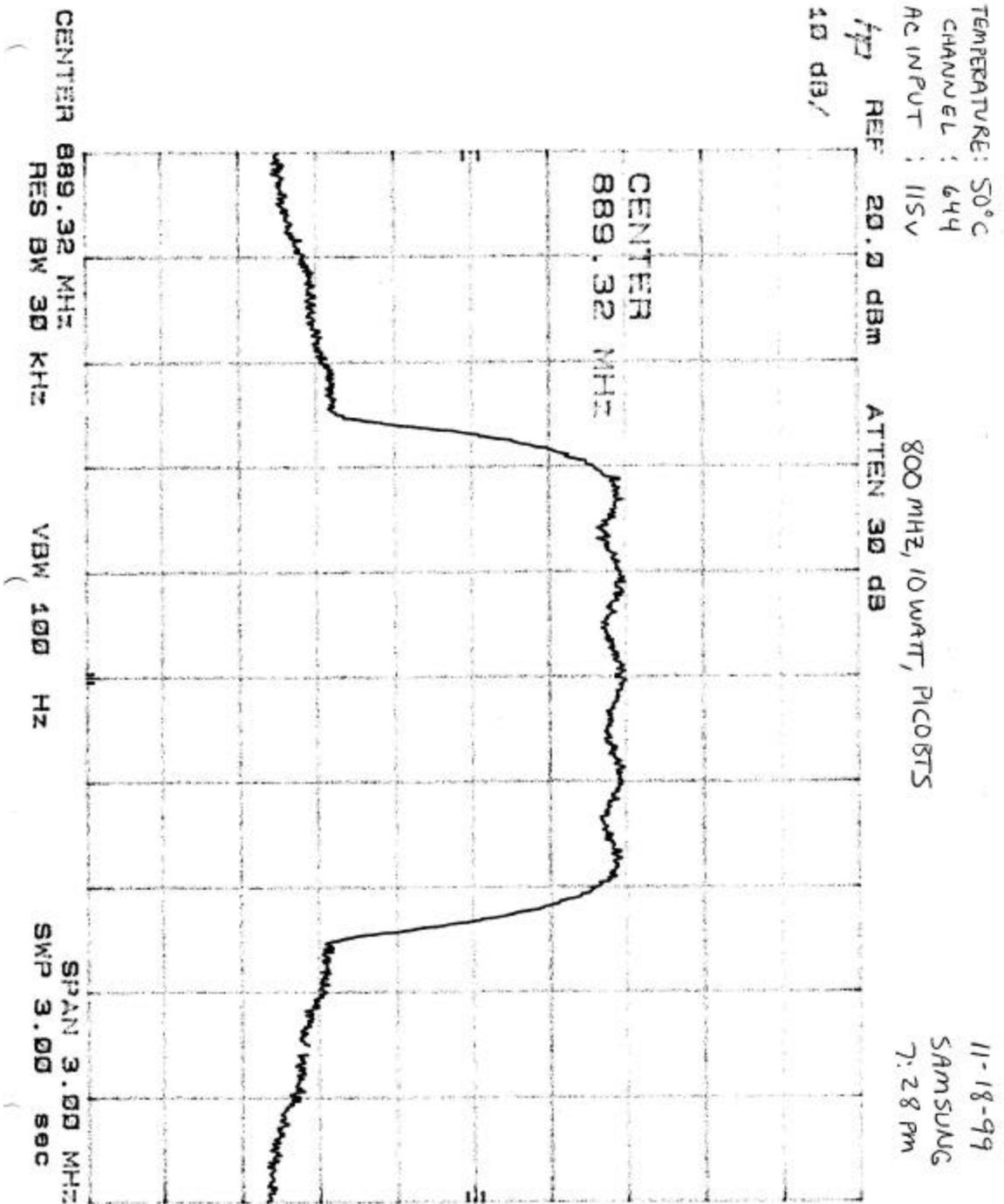
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



41 Chnl 644 40C 115



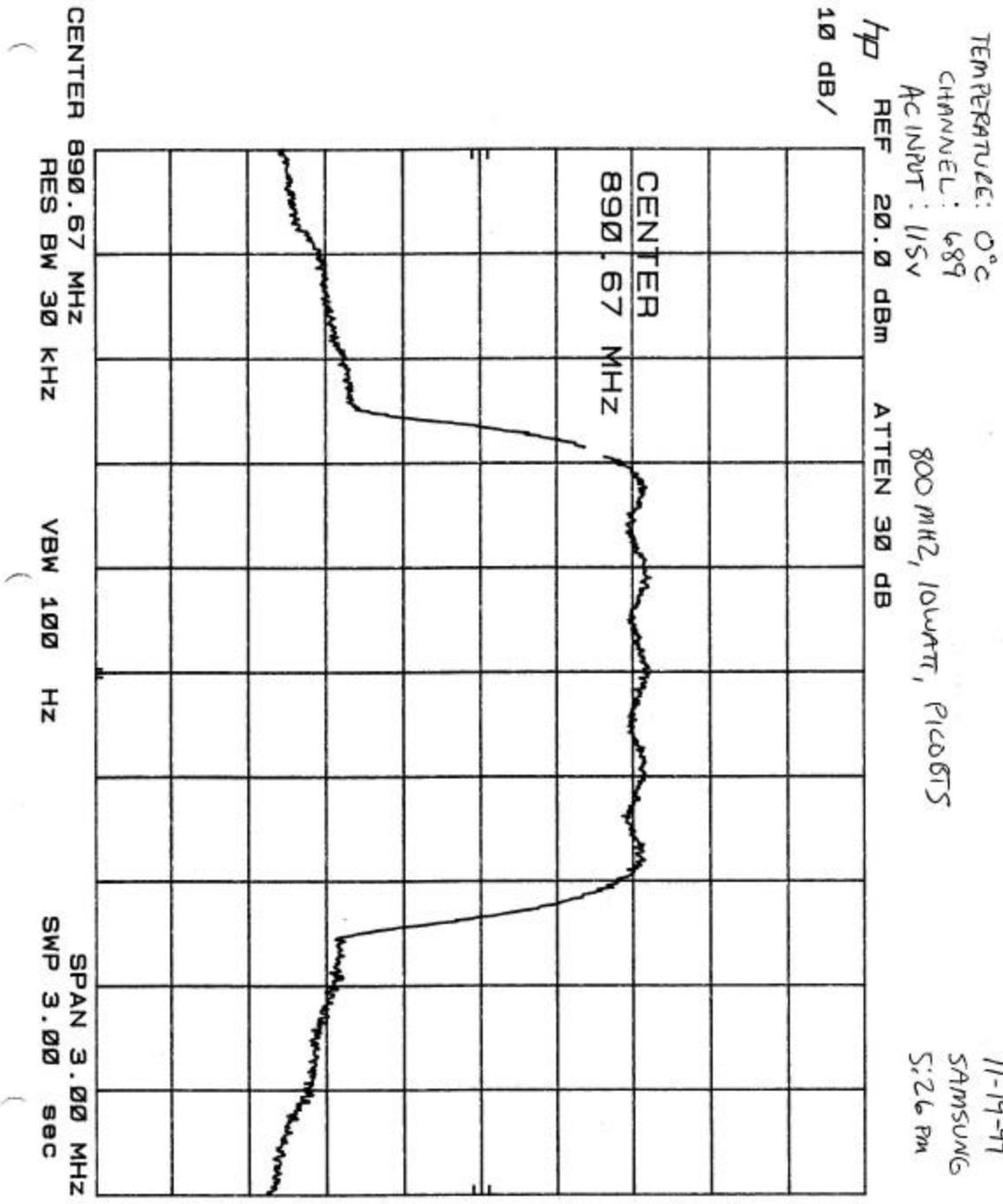
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



42 Chnl 644 50C 115



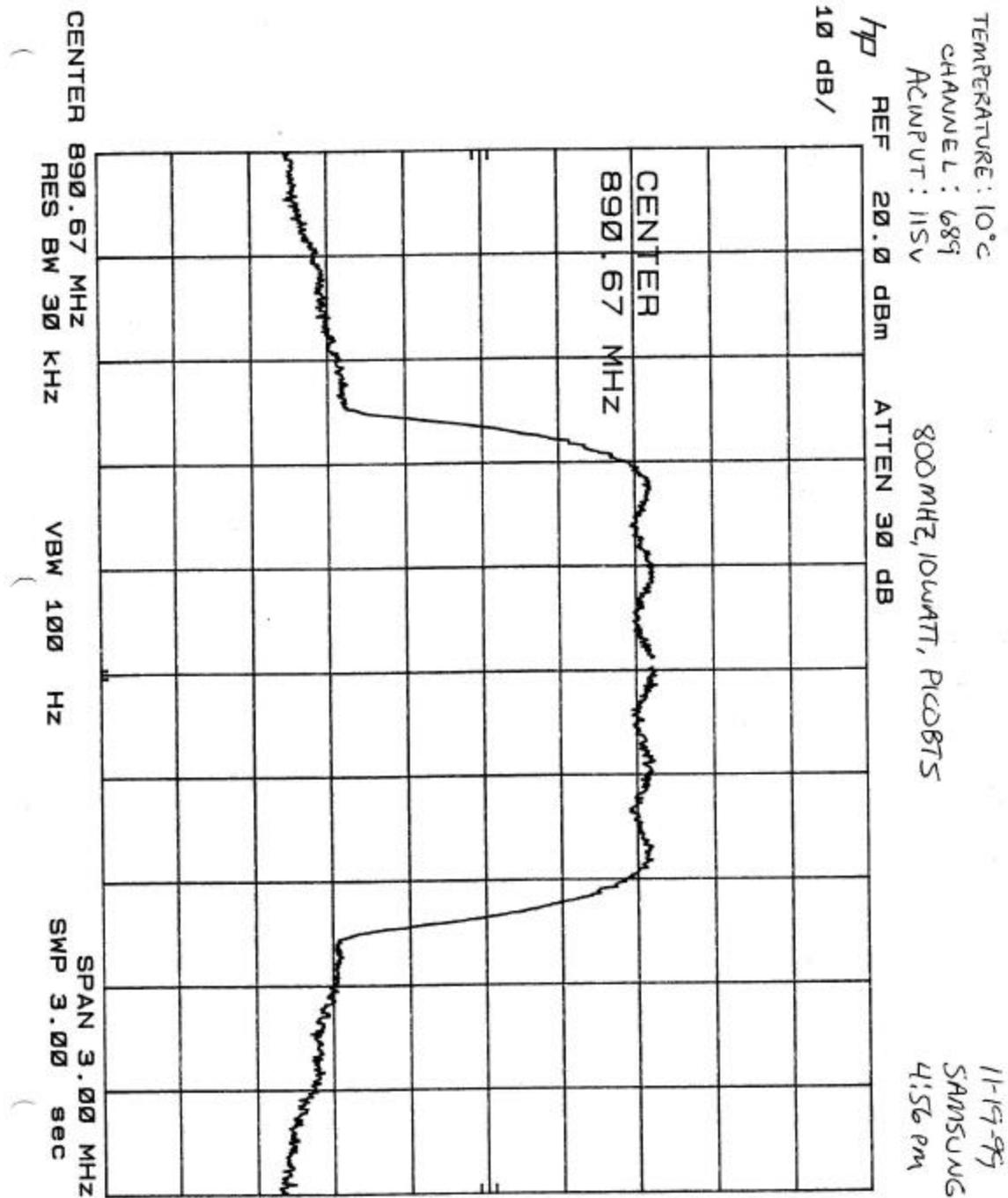
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



43 Chnl 689 0C 115



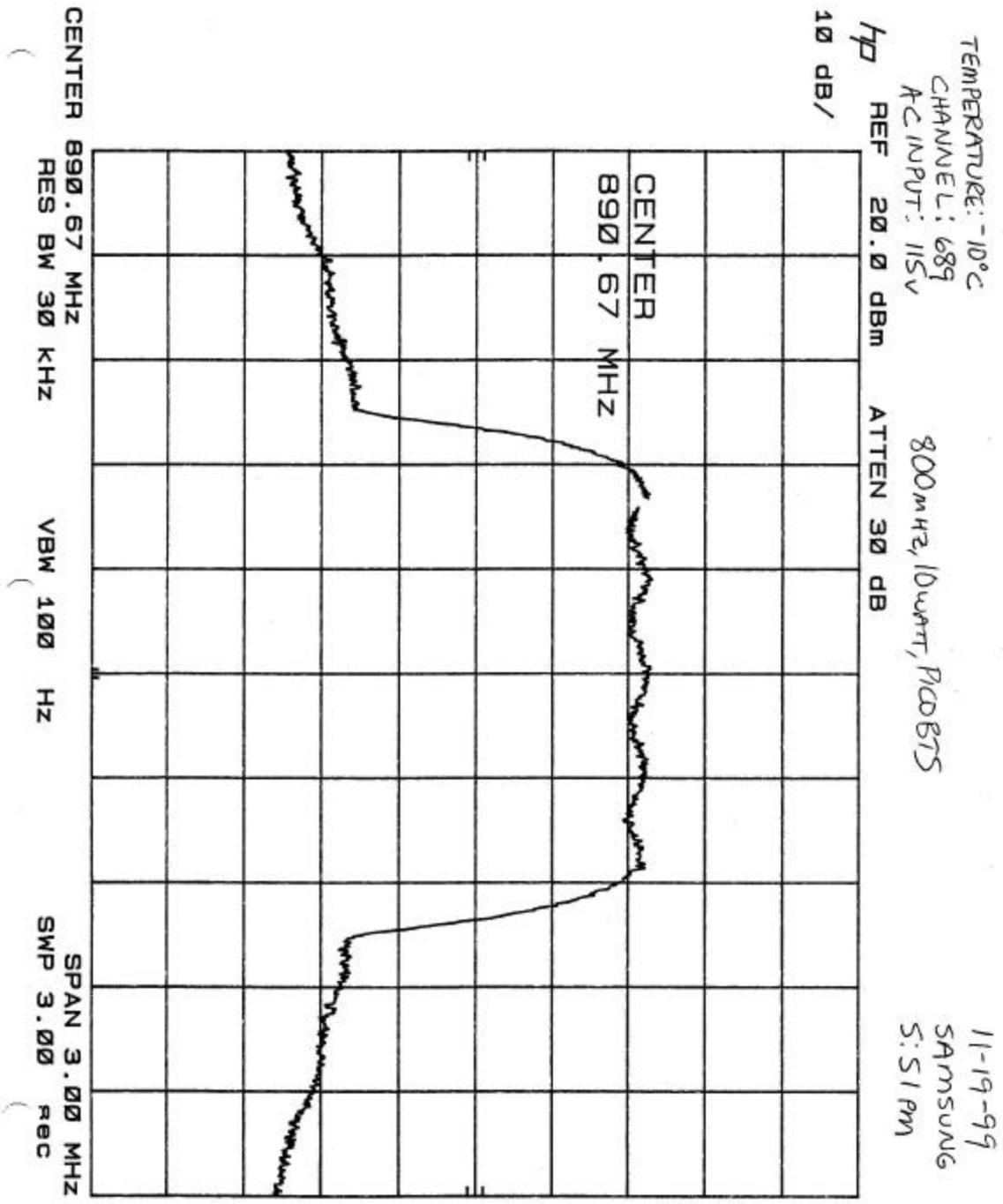
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



44 Chnl 689 10C 115



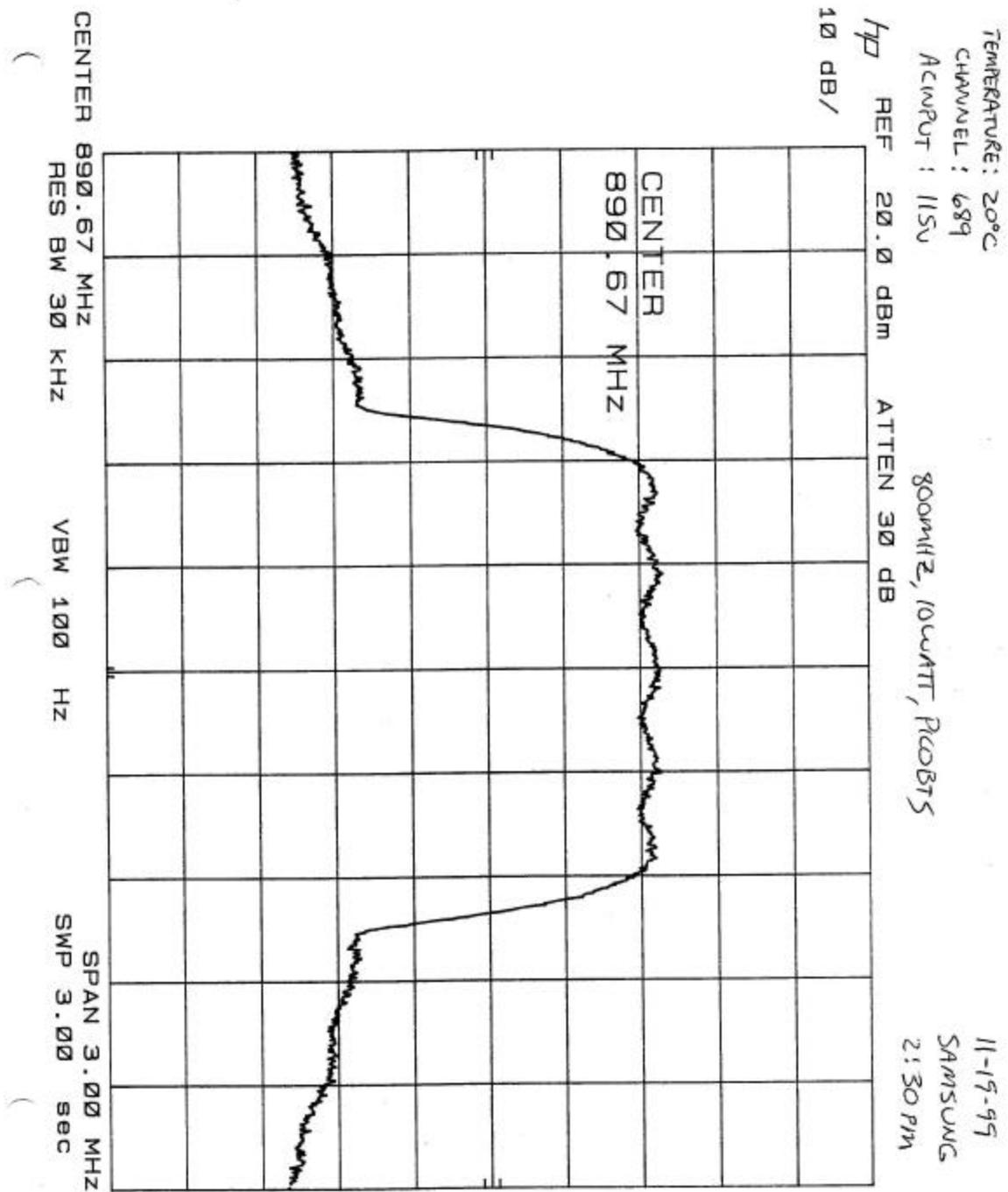
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



45 Chnl 689 -10C 115



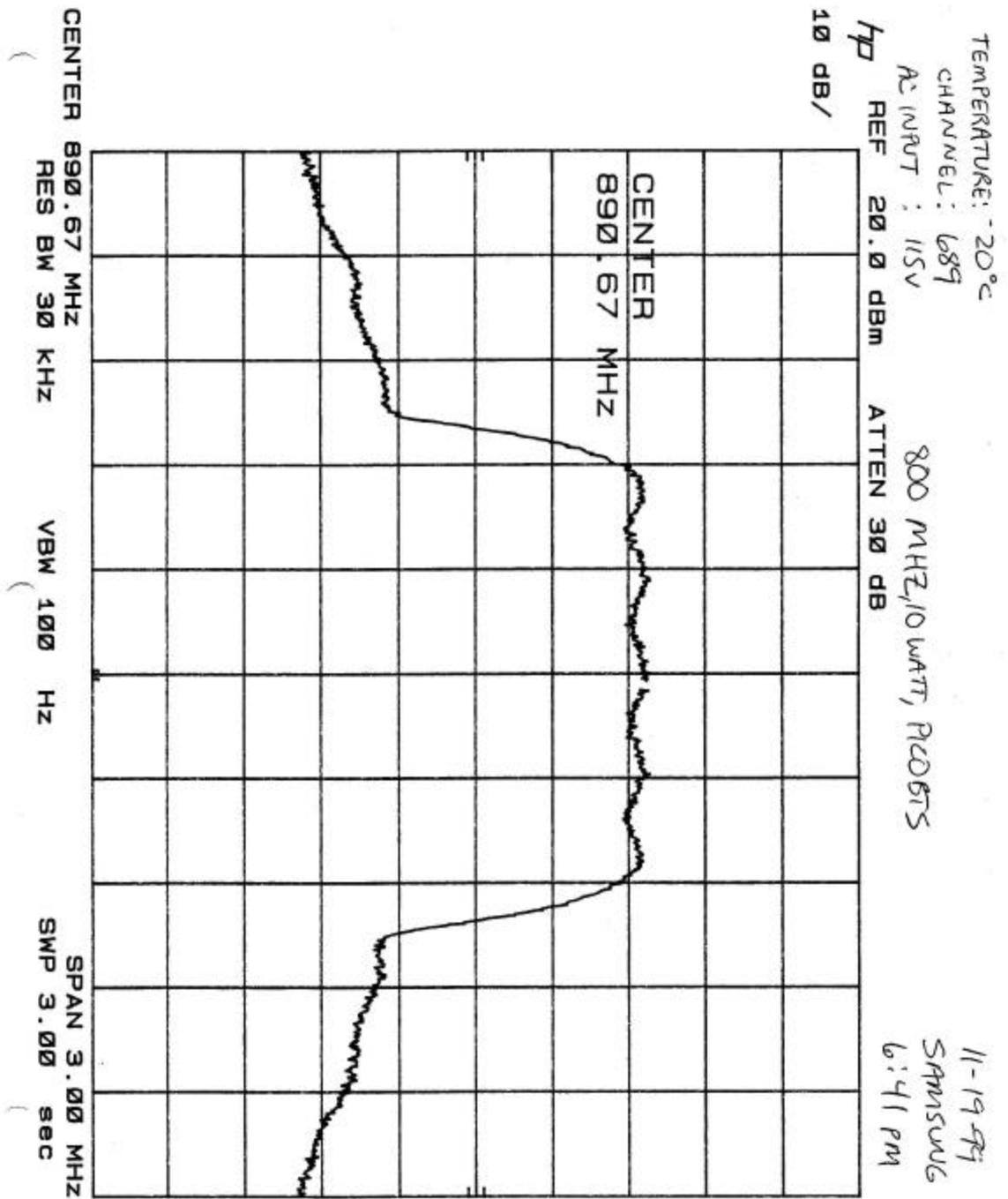
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



46 Chnl 689 20C 115



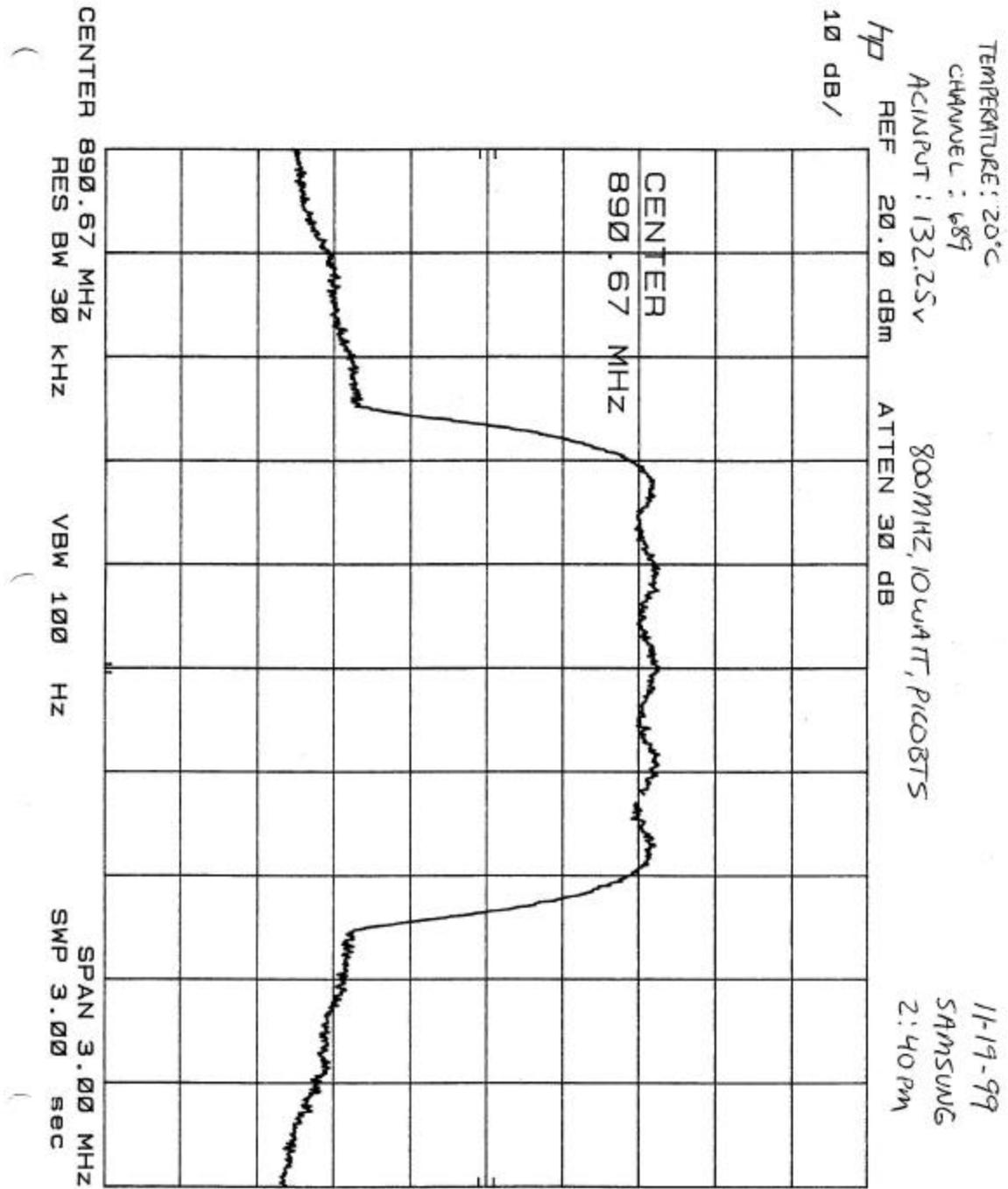
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



47 Chnl 689 -20C 115



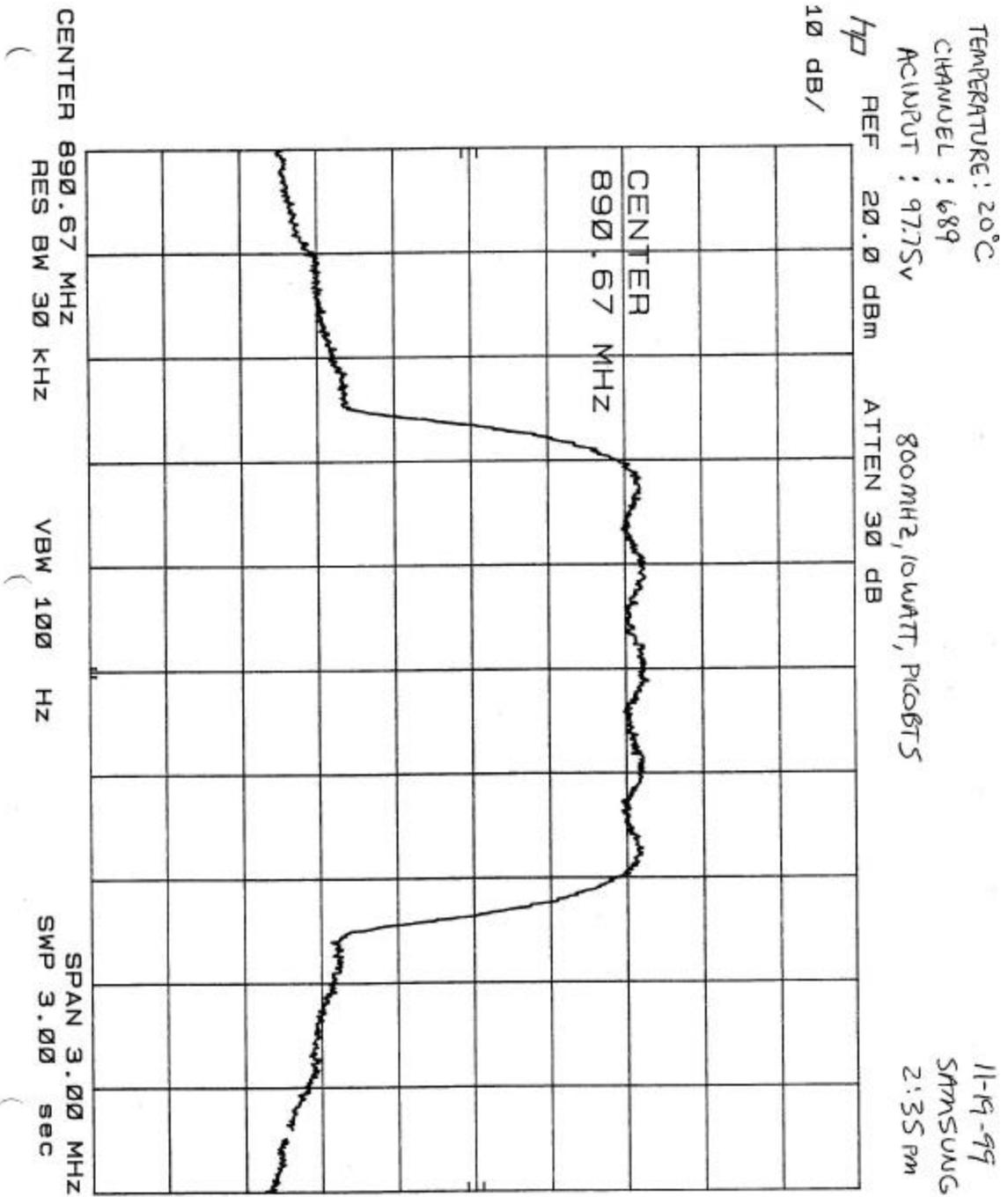
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



48 Chnl 689 20C 132



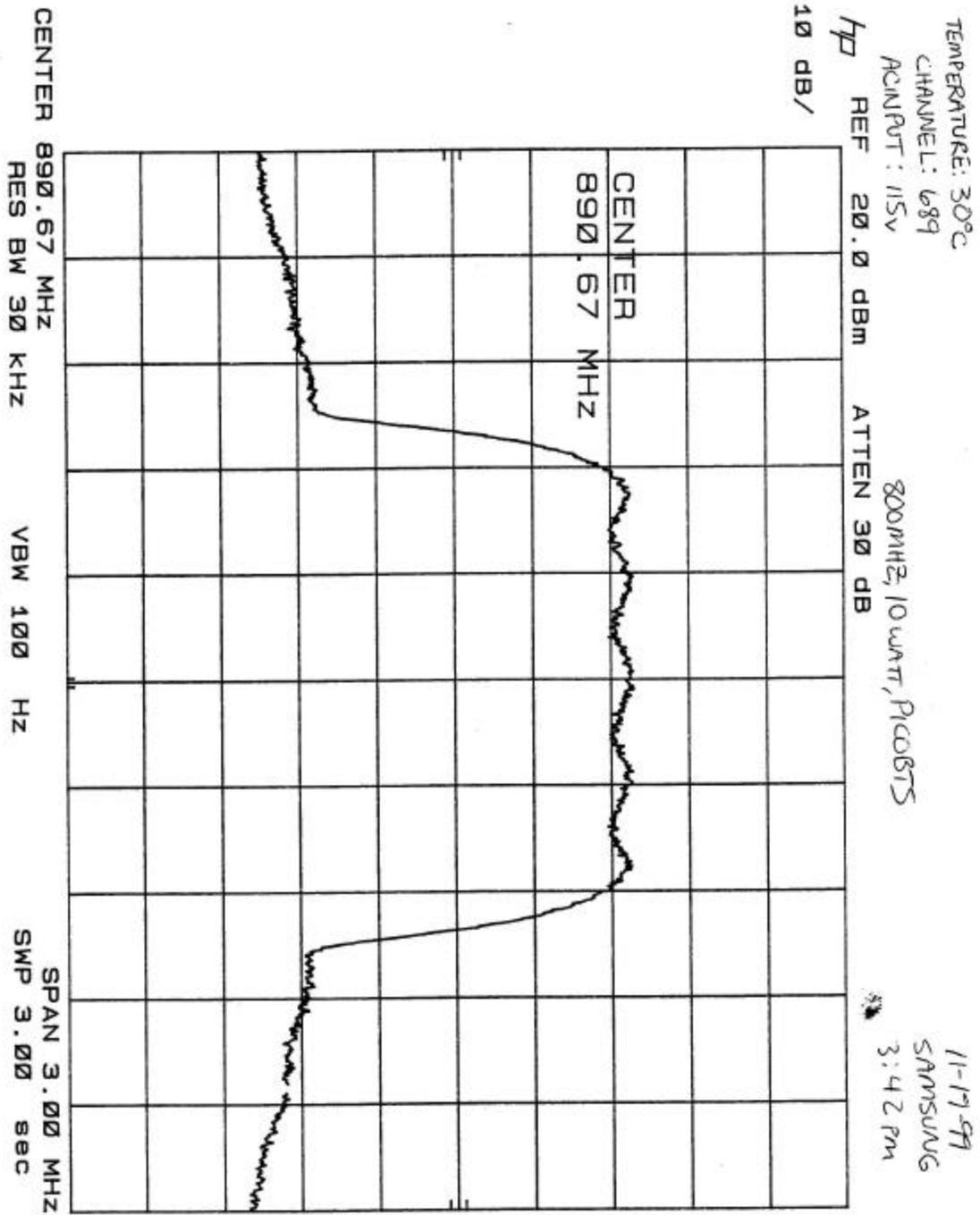
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



49 Chnl 689 20C 97



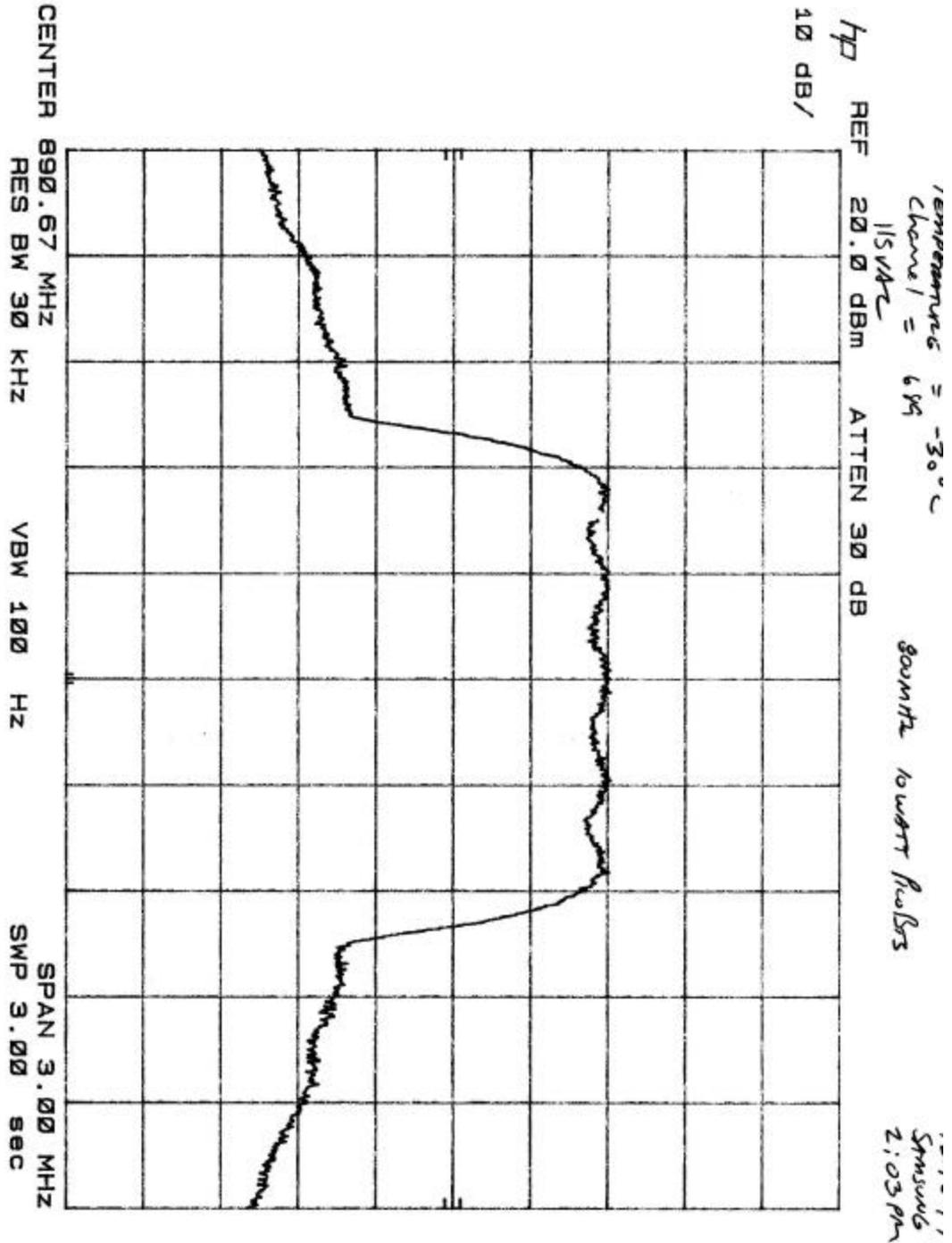
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



50 Chnl 689 30C 115



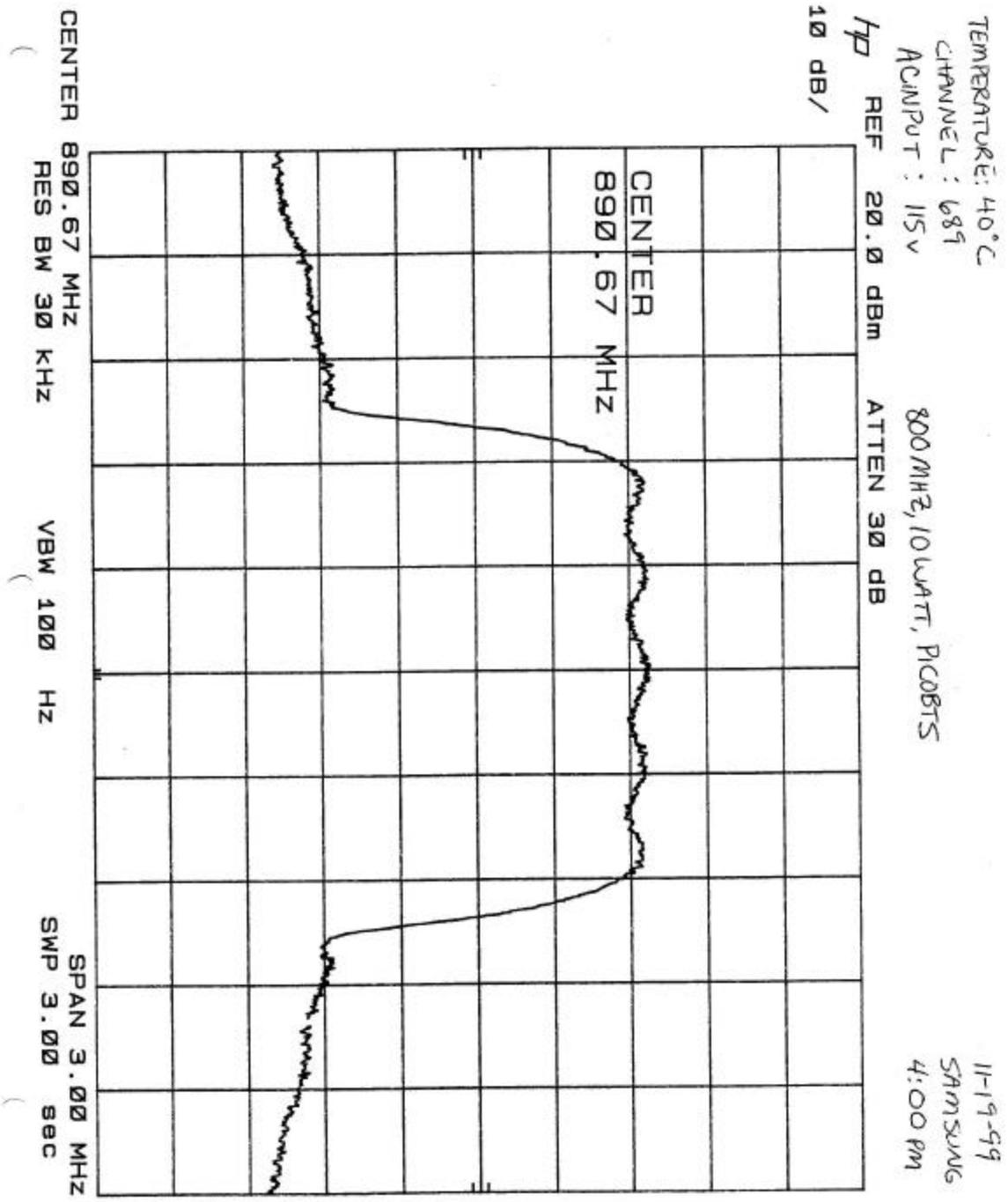
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Work Order Number	2000081 / A0387



51 Chnl 689 -30C 115



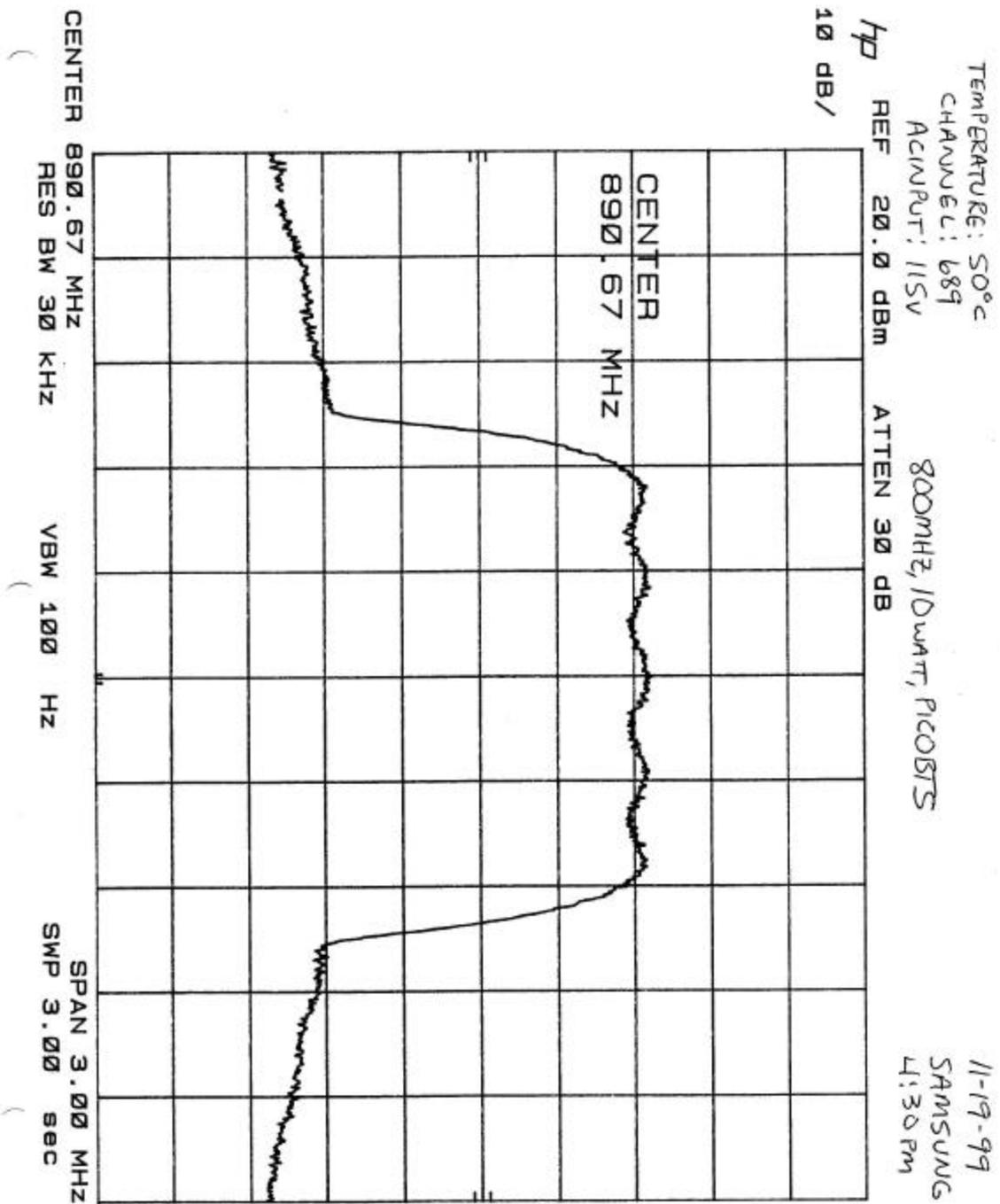
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Work Order Number	2000081 / A0387



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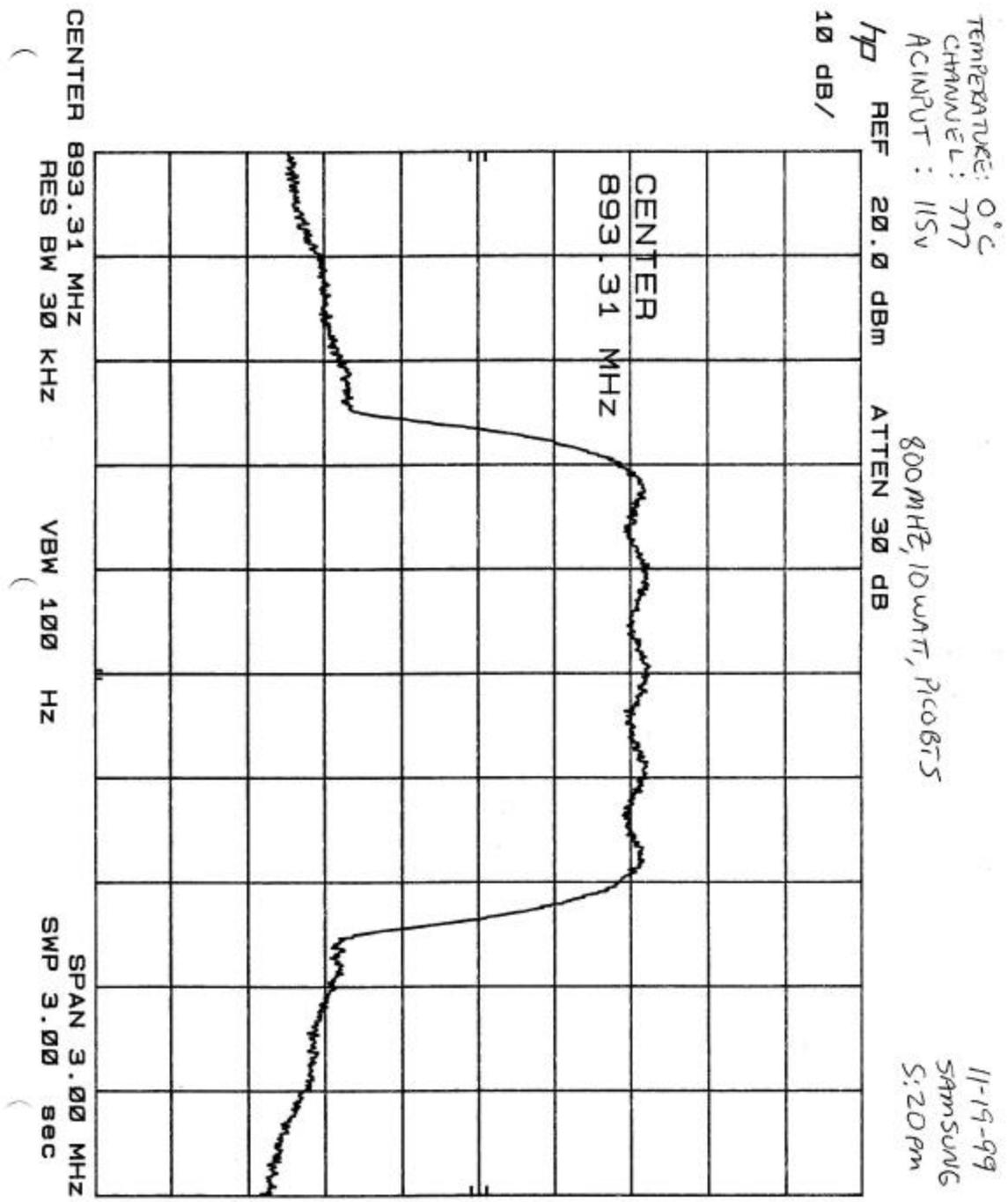
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Work Order Number	2000081 / A0387



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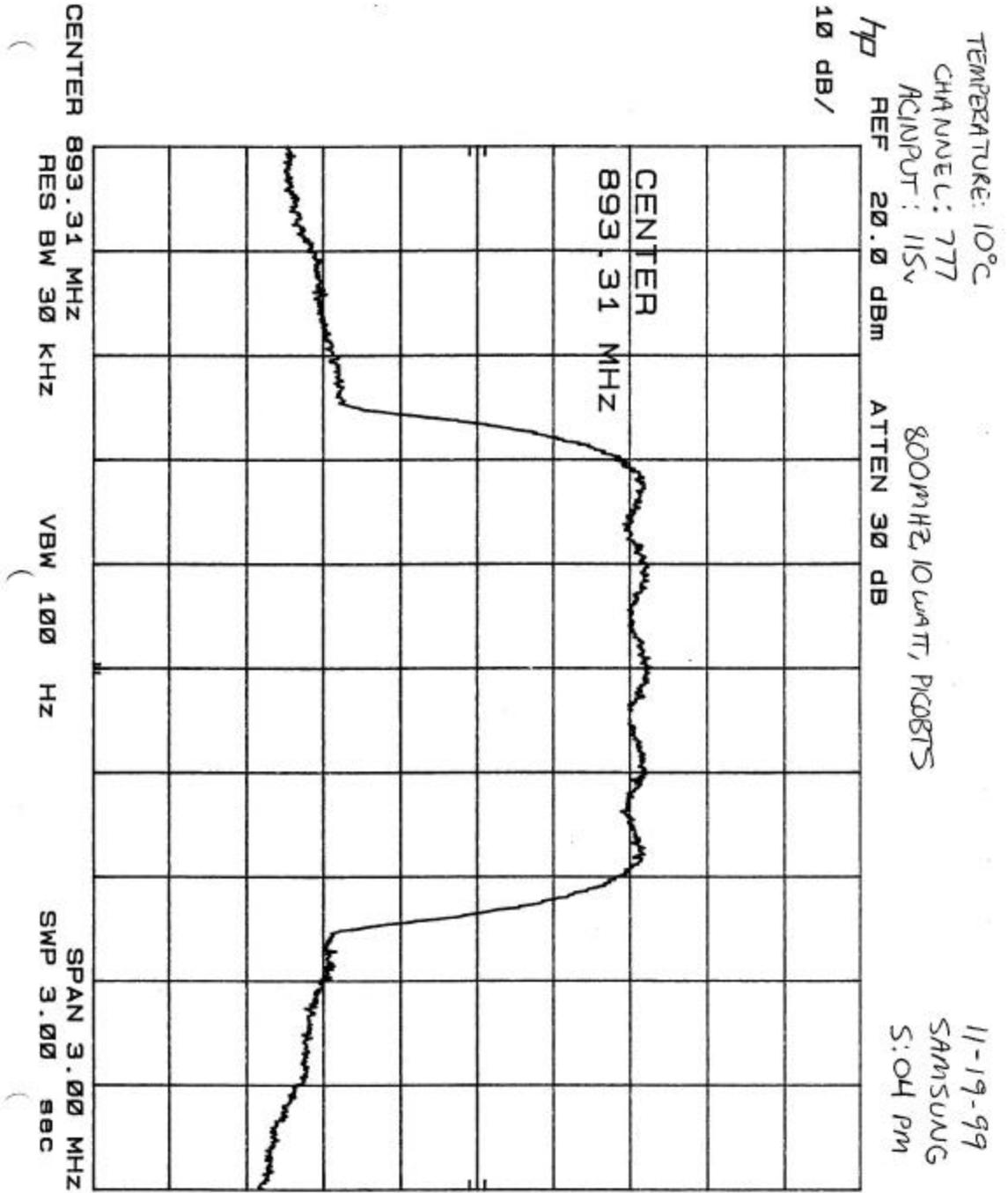
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Work Order Number	2000081 / A0387



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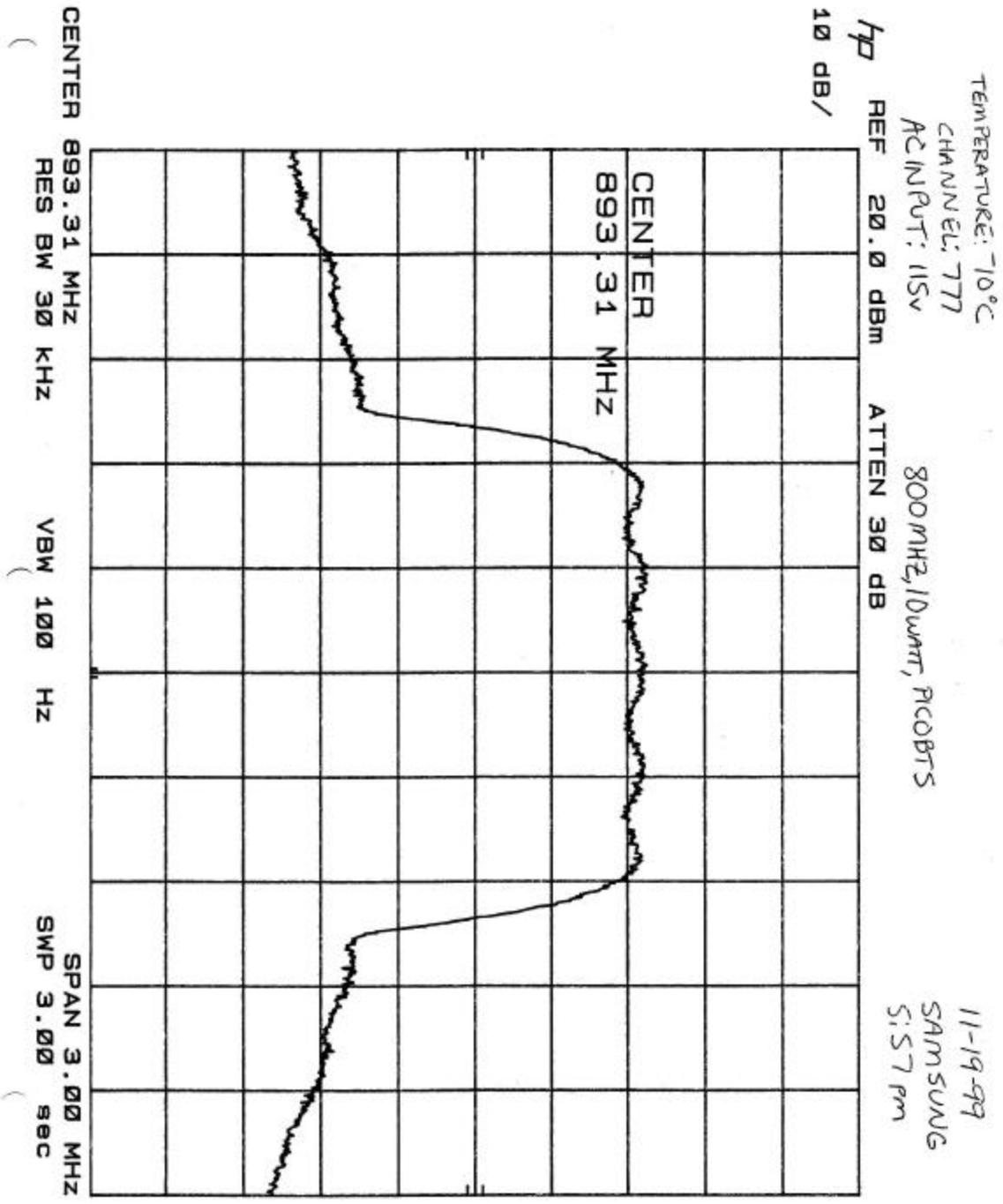
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Work Order Number	2000081 / A0387



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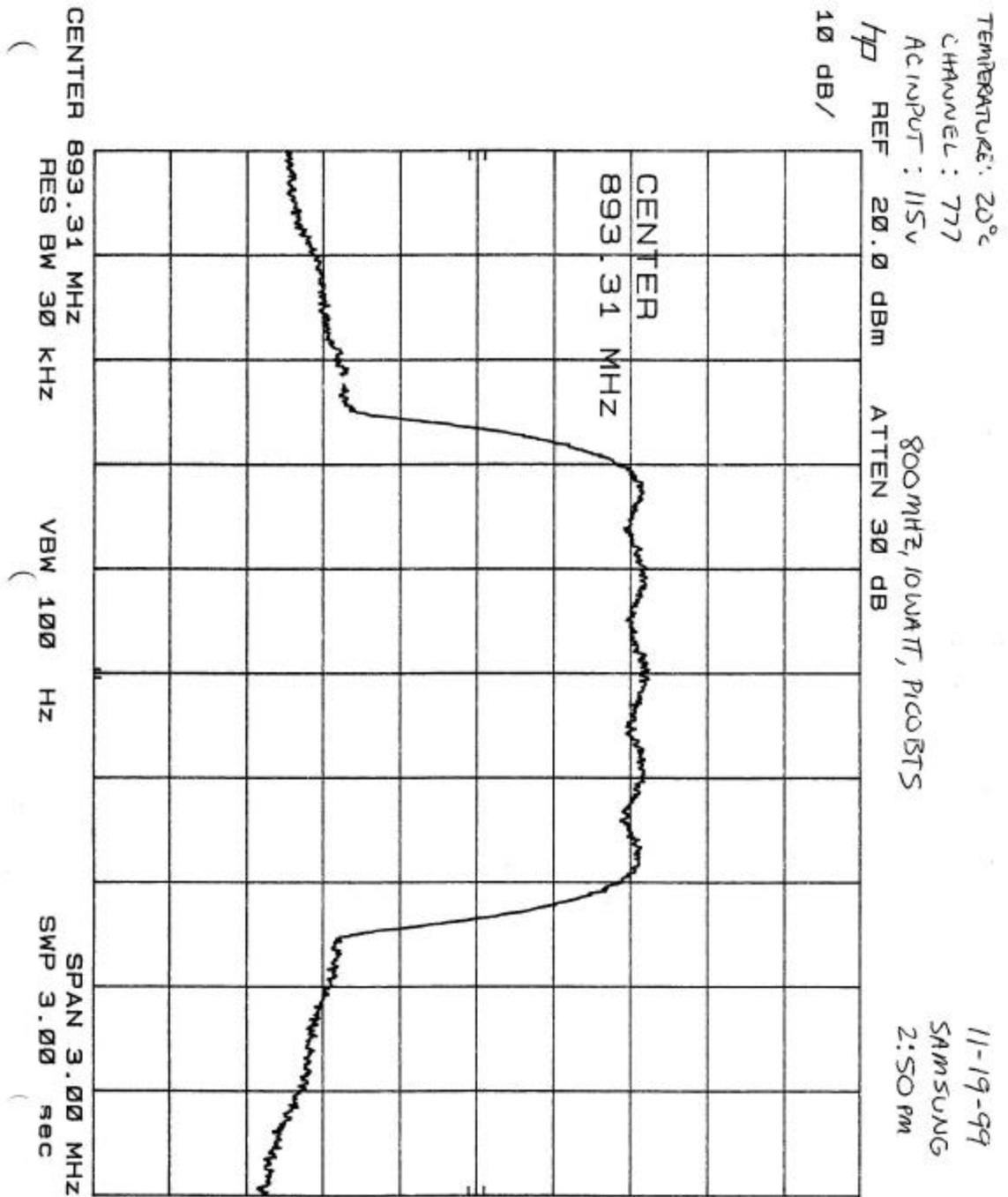
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Work Order Number	2000081 / A0387



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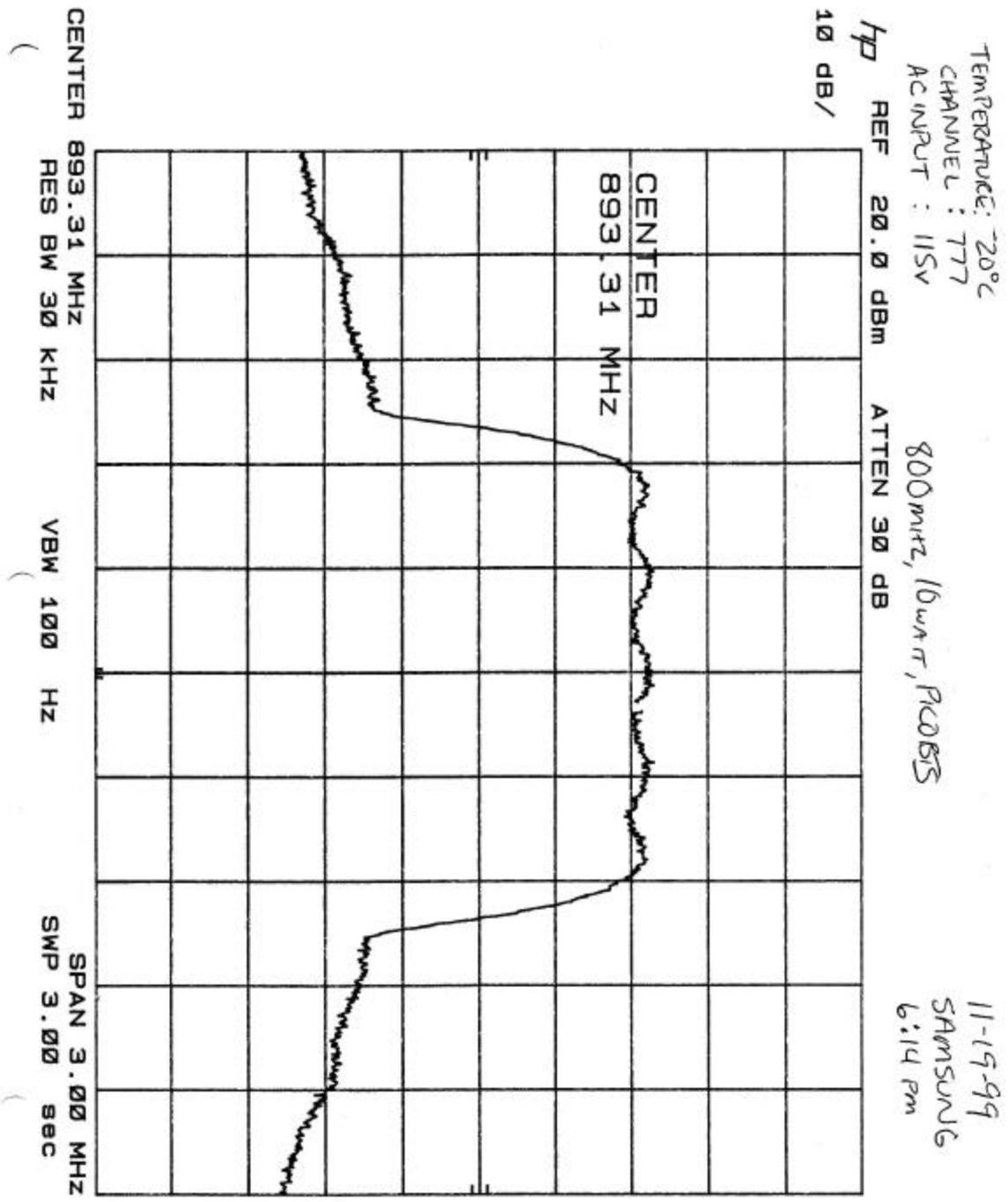
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Work Order Number	2000081 / A0387



57 Chnl 777 20C 115



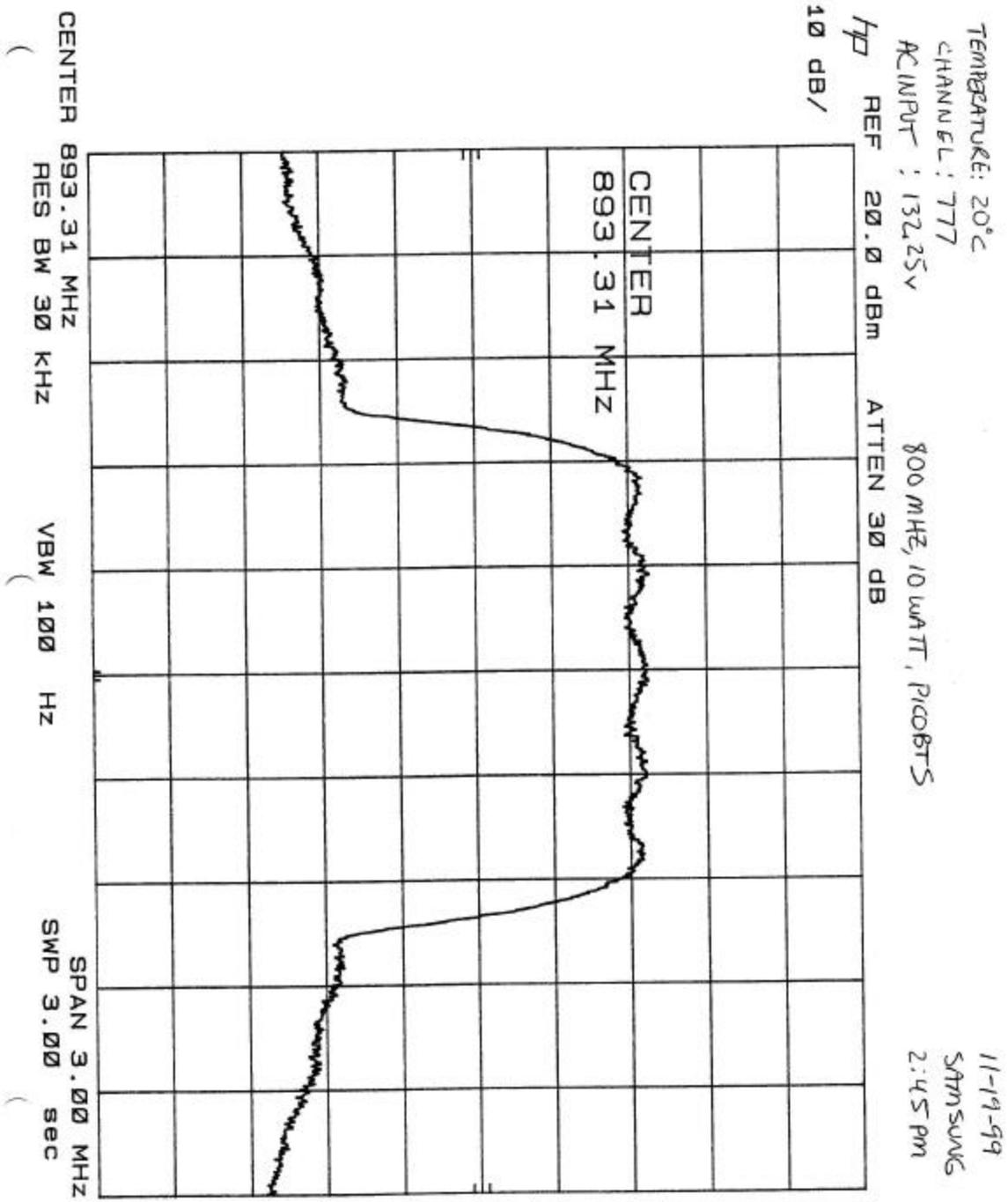
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



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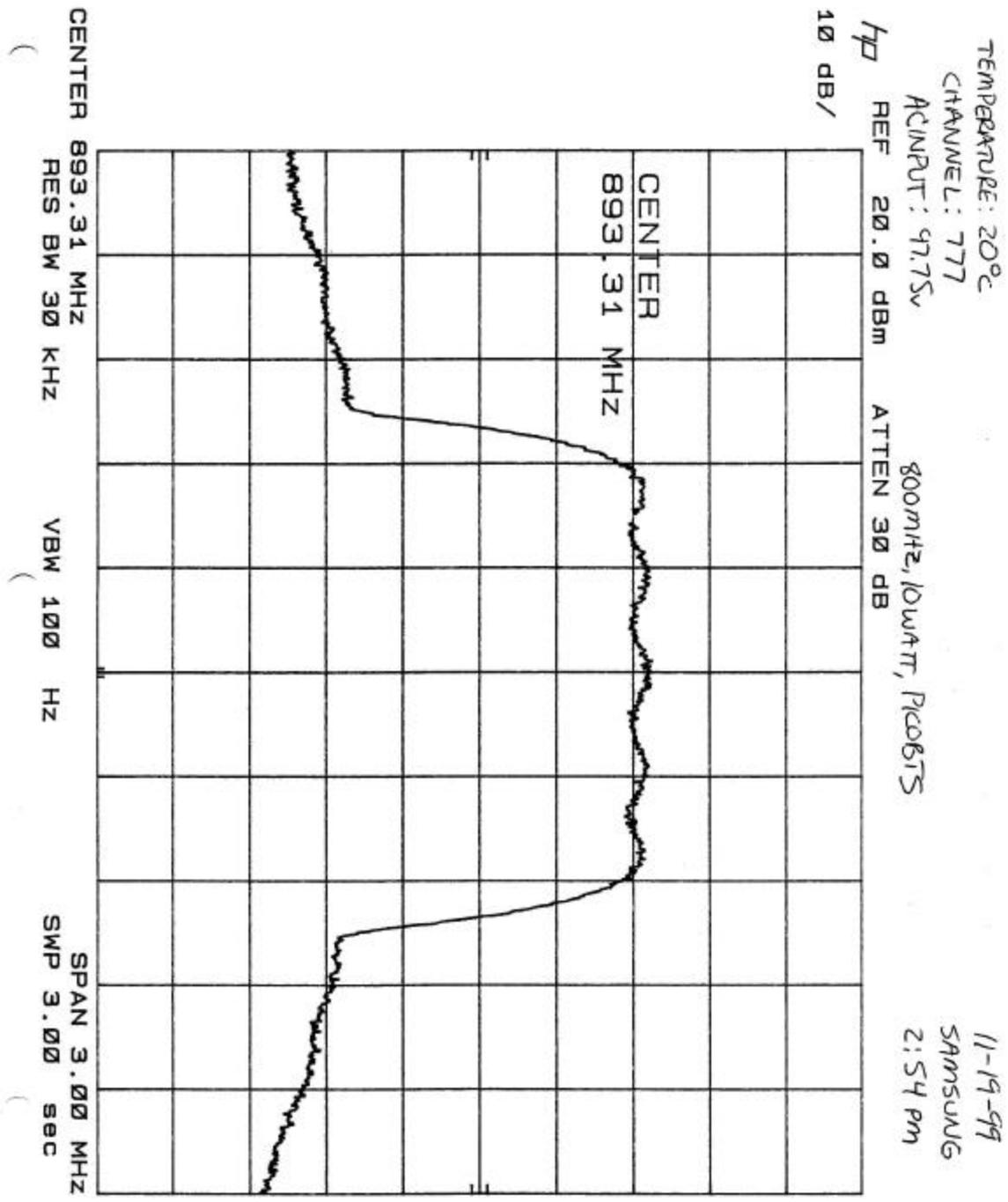
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



59 Chnl 777 20C 132



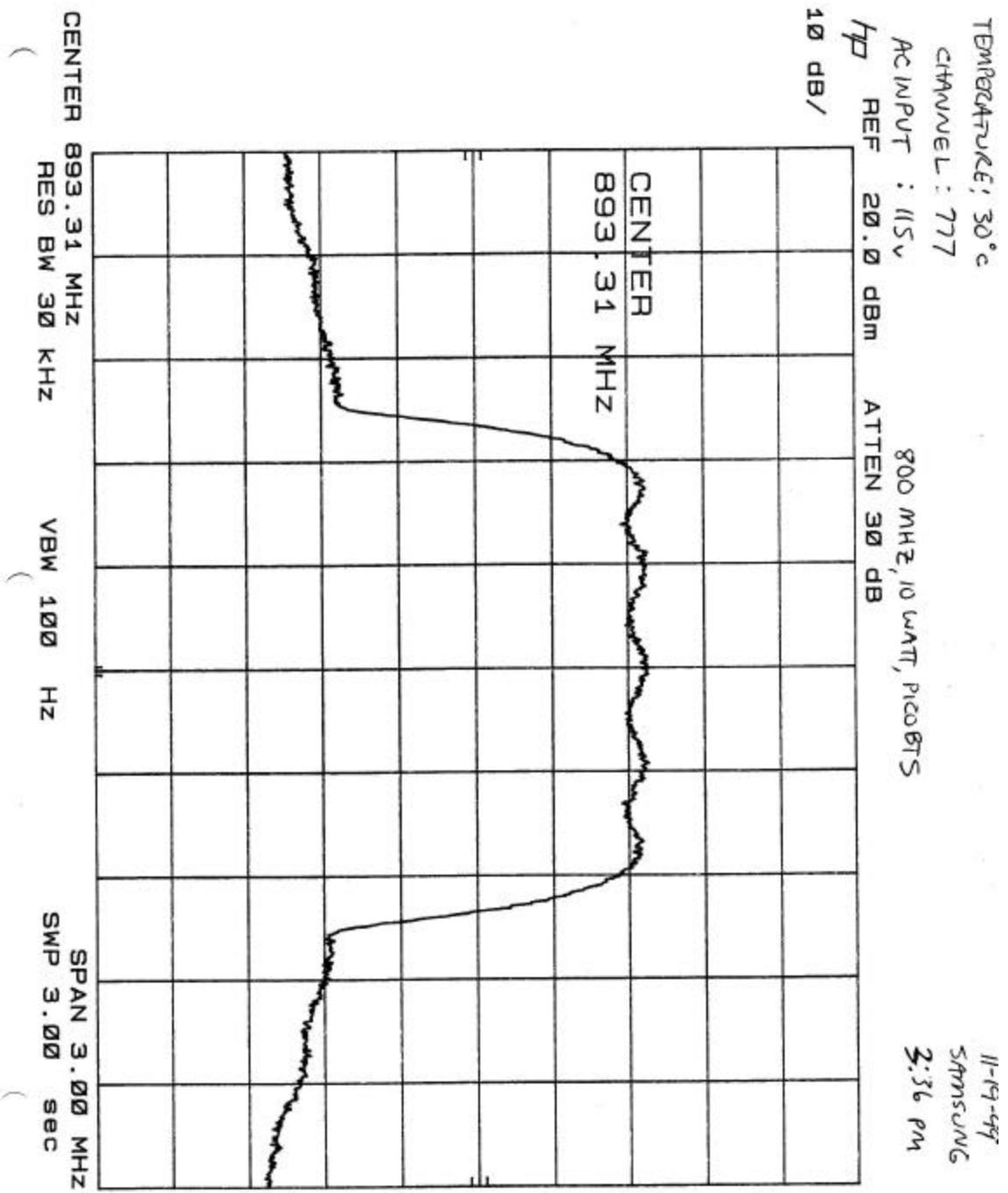
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



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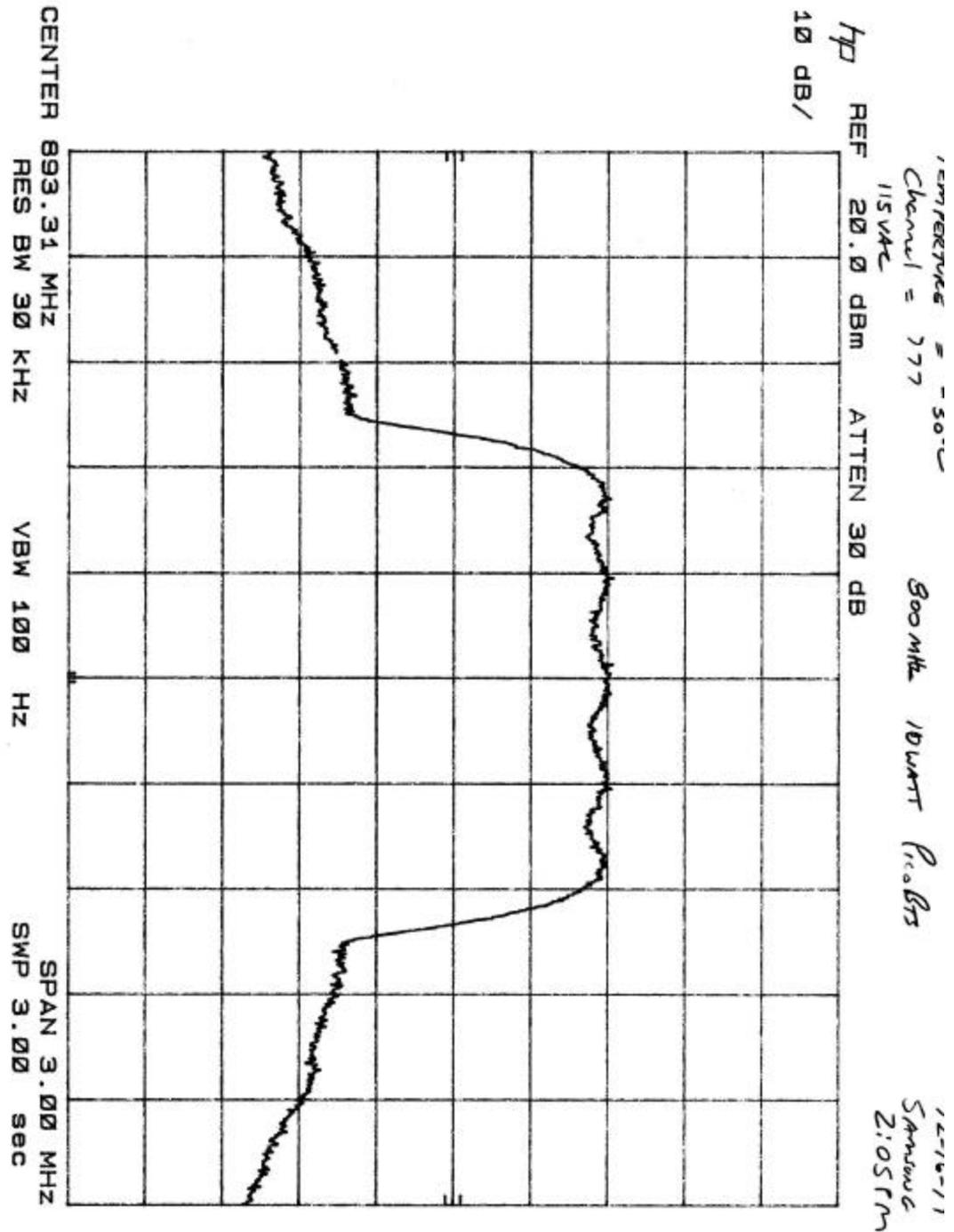
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Work Order Number	2000081 / A0387



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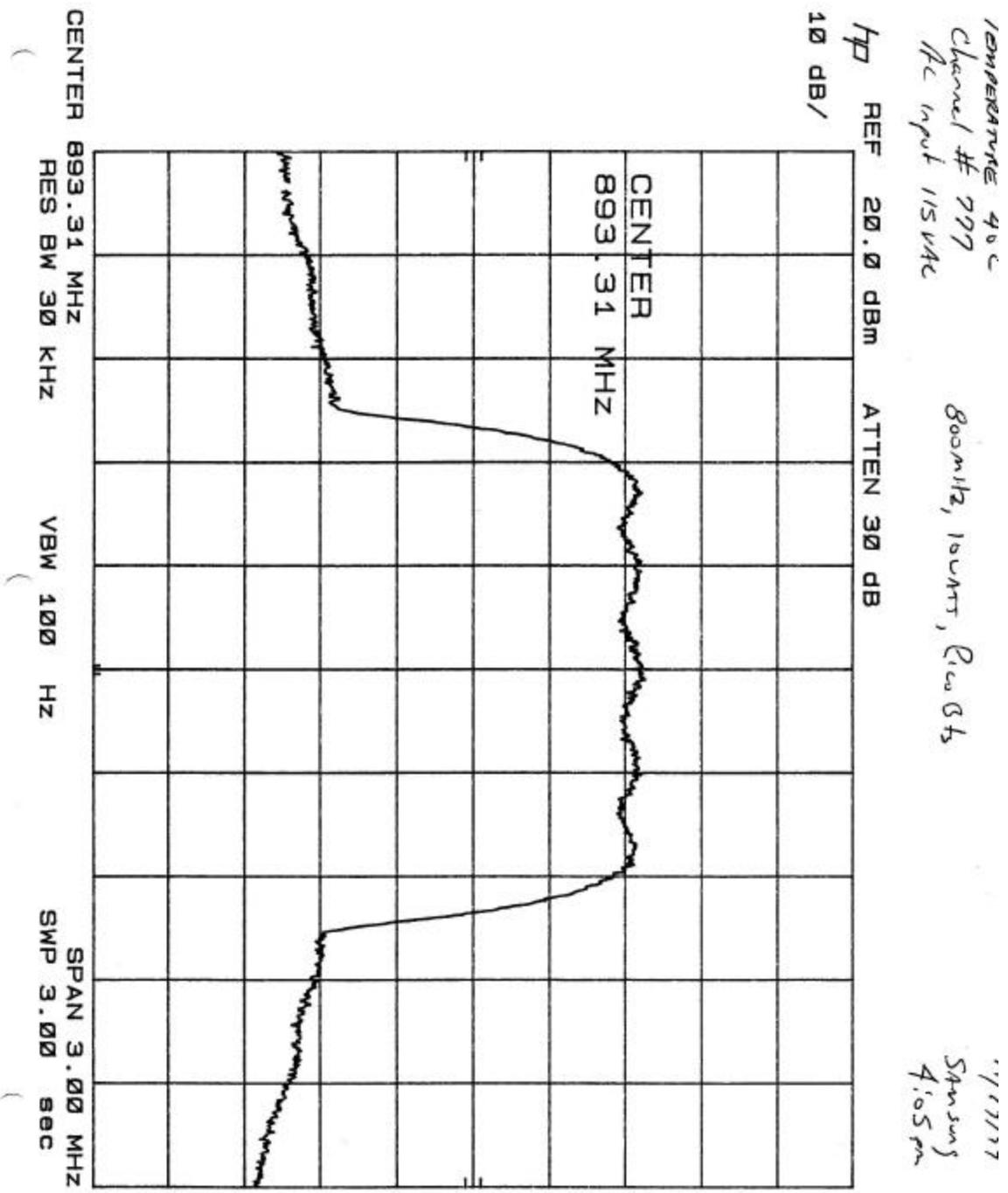
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FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



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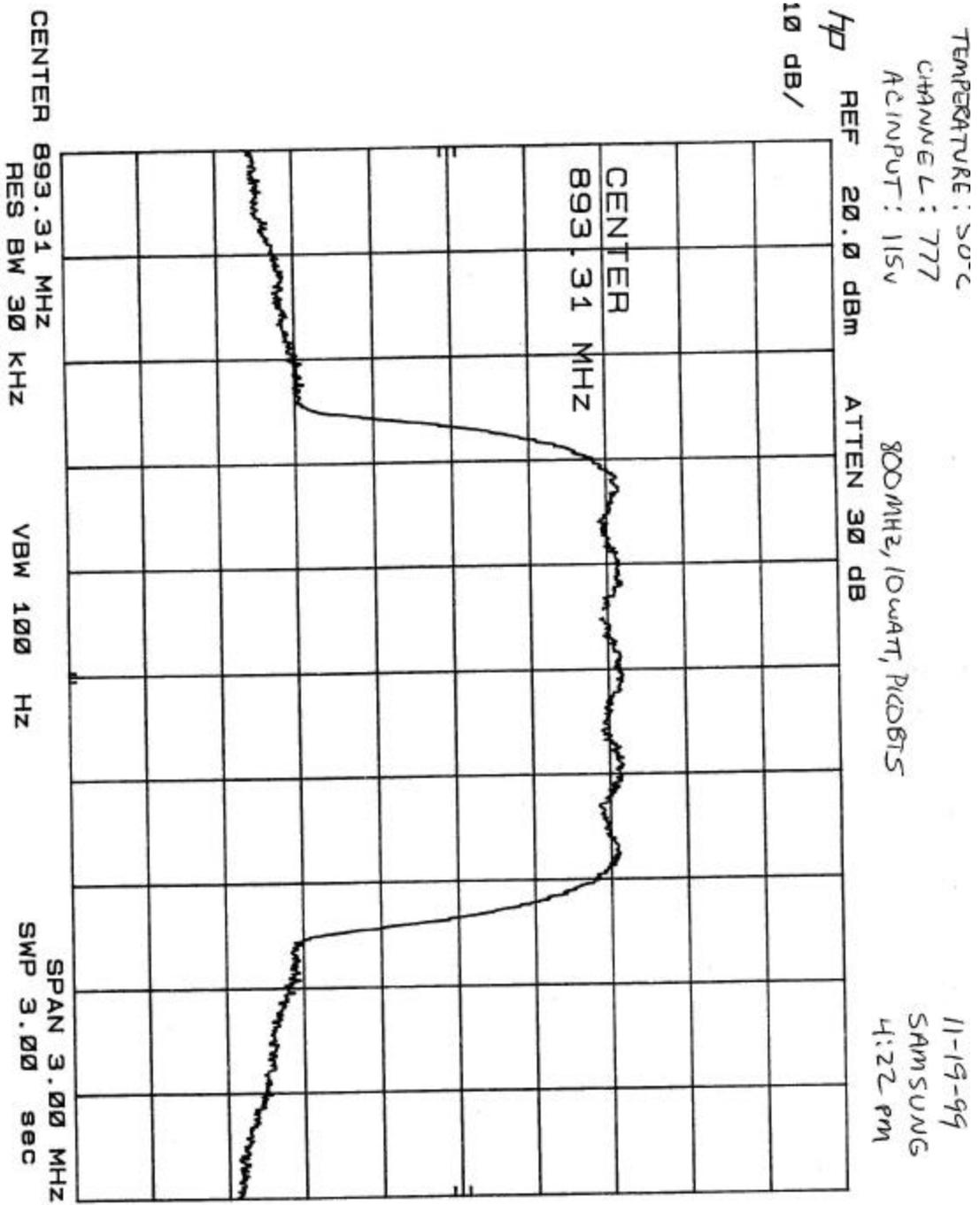
Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



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Company Name:	Samsung Telecommunications America
FCC ID:	NP8-800-PRU
Work Order Number	2000081 / A0387



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<i>Company Name:</i>	<i>Samsung Telecommunications America</i>
<i>FCC ID:</i>	<i>NP8-800-PRU</i>
<i>Work Order Number</i>	<i>2000081 / A0387</i>

APPENDIX E:

PRODUCT DESCRIPTION



<i>Company Name:</i>	<i>Samsung Telecommunications America</i>
<i>FCC ID:</i>	<i>NP8-800-PRU</i>
<i>Work Order Number</i>	<i>2000081 / A0387</i>

APPENDIX F:

LABEL INFORMATION



<i>Company Name:</i>	<i>Samsung Telecommunications America</i>
<i>FCC ID:</i>	<i>NP8-800-PRU</i>
<i>Work Order Number</i>	<i>2000081 / A0387</i>

APPENDIX G:

EUT PHOTOS



<i>Company Name:</i>	<i>Samsung Telecommunications America</i>
<i>FCC ID:</i>	<i>NP8-800-PRU</i>
<i>Work Order Number</i>	<i>2000081 / A0387</i>

APPENDIX H:

SCHEMATICS



<i>Company Name:</i>	<i>Samsung Telecommunications America</i>
<i>FCC ID:</i>	<i>NP8-800-PRU</i>
<i>Work Order Number</i>	<i>2000081 / A0387</i>

APPENDIX I:

USER'S MANUAL
