SECTION 1

RF POWER OUTPUT

2.985 (A) The RF Power measured at the output terminals:

AXATR-390-A2 6 & 25 Watts

Method: The measurement was made per TIA/EIA-603 using the following equipment::

A 50 ohm load is attached to the output terminal through a directional coupler.. The power is measured on a HP436A power meter.

SECTION 2

MODULATION CHARACTERISTICS

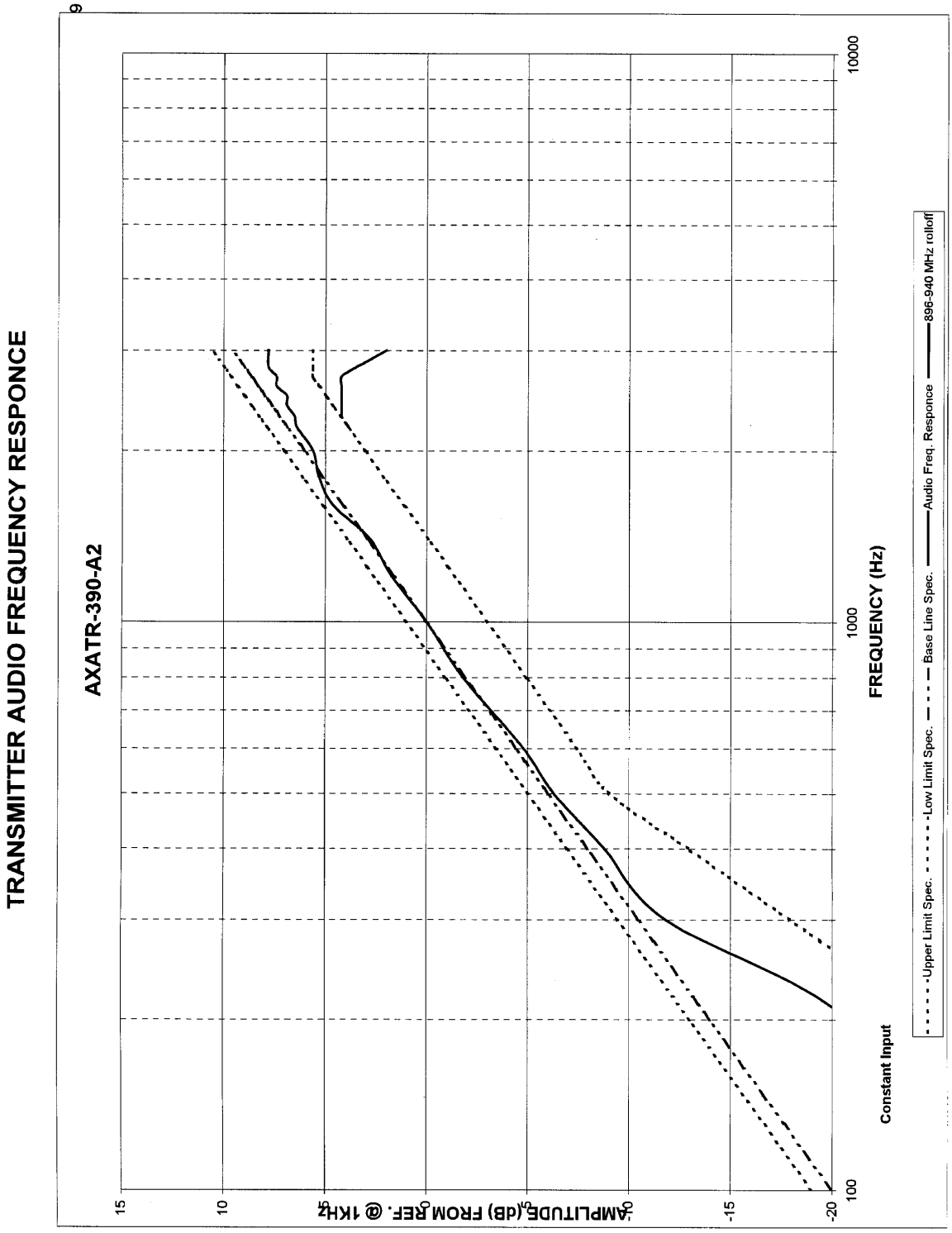
Ref. Par. 2.987 (a, b, d) the frequency and amplitude response to audio inputs measured per TIA/EIA 603 are shown on the following sheet

Page 3 Audio Frequency Response(25 kHz)

Page 4&5_Modulation Characteristics (25kHz)
Page 6&7 _Modualtion Characteristics(NPSPAC)
Equipment used was:

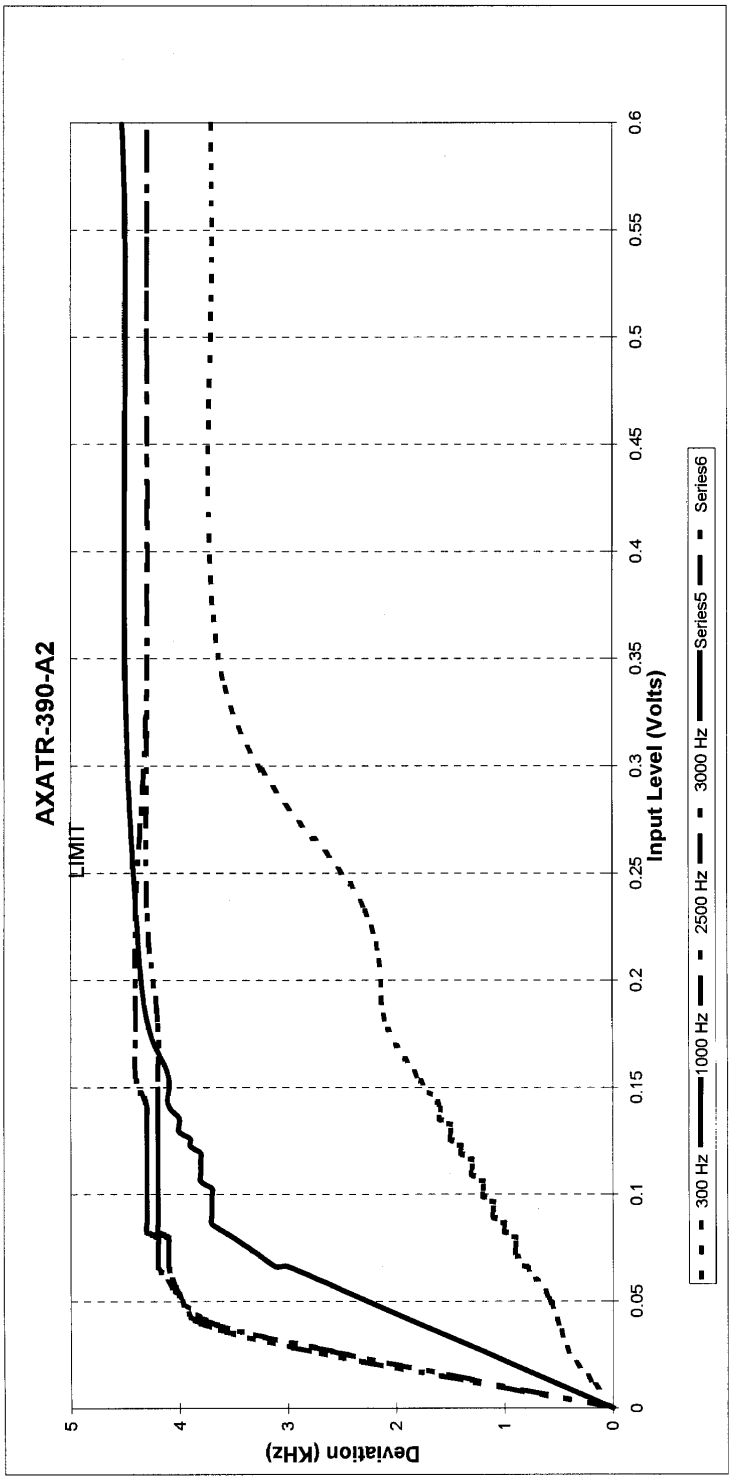
Marconi Instruments Ltd. FM/AM Modulation Meter TF2300B
Hewlett Packard Audio Signal Generator 204D
Hewlett Packard Distortion Analyzer 333A

At those modulation frequencies at which the transmitter is not capable of producing 30% of system deviation, audio response is calculated from measurement of input voltage producing a lesser deviation.


TRANSMITTER AUDIO FREQUENCY RESPONCE
AXATR-390-A2
AMPLITUDE (dB) FROM REF. @ 1KHz
15
10
5
0
-5
-15
-20
100
1000
10000
FREQUENCY (Hz)
Constant Input
Upper Limit Spec.
Low Limit Spec.
Base Line Spec.
Audio Freq. Responce
896-940 MHz rolloff

Modulation Linearity

5/7/99



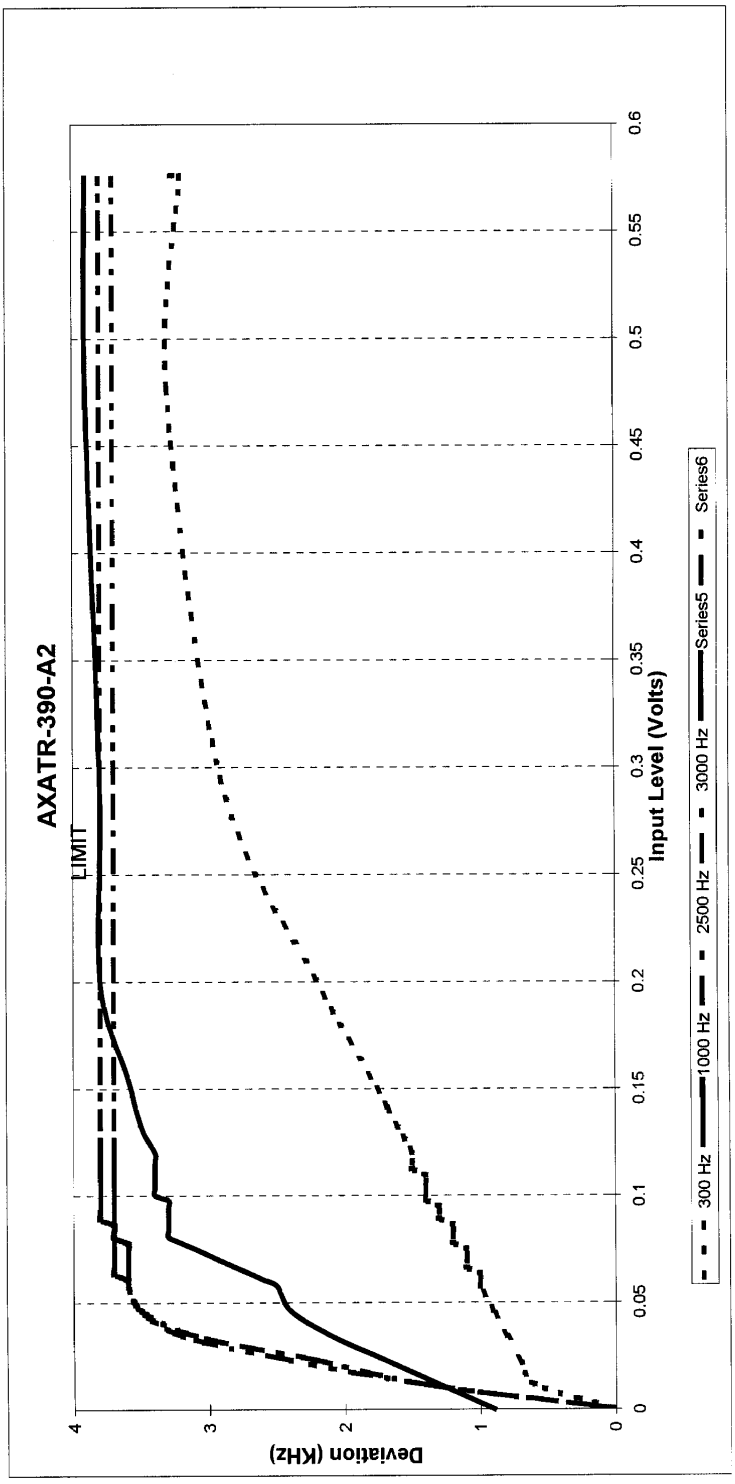
Modulation Limiting
Curve Data

5/10/99

	A	B	C	D	E	F	G	H
1	Modulation Limiting Curves							
2	AXATR- 390-A2		25 KHz CH SPC					
3								
4	300 Hz		1000Hz		2500 Hz		3000Hz	
5	LEVEL	DEV	LEVEL	DEV	LEVEL	DEV	LEVEL	DEV
6	0	0	0	0	0	0	0	0
7	0.0132	0.2	0.0132	0.6	0.0132	1.3	0.0132	1.4
8	0.0265	0.4	0.0265	1.2	0.0265	2.6	0.0265	2.8
9	0.0397	0.5	0.0397	1.8	0.0397	3.7	0.0397	3.8
10	0.053	0.6	0.053	2.4	0.053	4	0.053	4
11	0.0662	0.8	0.0662	3	0.0662	4.2	0.0662	4.1
12	0.06595	0.8	0.06595	3.1	0.06595	4.2	0.06595	4.1
13	0.0728	0.9	0.0728	3.3	0.0728	4.2	0.0728	4.1
14	0.0761	0.9	0.0761	3.4	0.0761	4.2	0.0761	4.1
15	0.0794	0.9	0.0794	3.5	0.0794	4.2	0.0794	4.1
16	0.0827	1	0.0827	3.6	0.0827	4.3	0.0827	4.2
17	0.0861	1	0.0861	3.7	0.0861	4.3	0.0861	4.2
18	0.0894	1.1	0.0894	3.7	0.0894	4.3	0.0894	4.2
19	0.0927	1.1	0.0927	3.7	0.0927	4.3	0.0927	4.2
20	0.096	1.1	0.096	3.7	0.096	4.3	0.096	4.2
21	0.0993	1.2	0.0993	3.7	0.0993	4.3	0.0993	4.2
22	0.1026	1.2	0.1026	3.7	0.1026	4.3	0.1026	4.2
23	0.1059	1.2	0.1059	3.8	0.1059	4.3	0.1059	4.2
24	0.1092	1.3	0.1092	3.8	0.1092	4.3	0.1092	4.2
25	0.1125	1.3	0.1125	3.8	0.1125	4.3	0.1125	4.2
26	0.1158	1.3	0.1158	3.8	0.1158	4.3	0.1158	4.2
27	0.1192	1.4	0.1192	3.8	0.1192	4.3	0.1192	4.2
28	0.1225	1.4	0.1225	3.9	0.1225	4.3	0.1225	4.2
29	0.1258	1.5	0.1258	3.9	0.1258	4.3	0.1258	4.2
30	0.1291	1.5	0.1291	4	0.1291	4.3	0.1291	4.2
31	0.1324	1.5	0.1324	4	0.1324	4.3	0.1324	4.2
32	0.1357	1.6	0.1357	4	0.1357	4.3	0.1357	4.2
33	0.1423	1.6	0.1423	4.1	0.1423	4.3	0.1423	4.2
34	0.1556	1.8	0.1556	4.1	0.1556	4.4	0.1556	4.2
35	0.182	2.1	0.182	4.3	0.182	4.4	0.182	4.2
36	0.235	2.3	0.235	4.4	0.235	4.4	0.235	4.3
37	0.3409	3.6	0.3409	4.5	0.3409	4.3	0.3409	4.3
38	0.5528	3.7	0.5528	4.5	0.5528	4.3	0.5528	4.3
39	0.661	3.7	0.661	4.6	0.661	4.3	0.661	4.3
40								
41								
42								
43								

Modulation Limiting

5/7/99



Modulation Limiting
Curve Data

5/10/99

	A	B	C	D	E	F	G	H
1	**Modulation Limiting Curves**							
2	**AXATR-**	**390-A2**	25 KHz CH SPC		**NPSPAC**			
3								
4	**300 Hz**		**1000Hz**		**2500 Hz**		**3000Hz**	
5	**LEVEL**	**DEV**	**LEVEL**	**0**	**LEVEL**	**DEV**	**LEVEL**	**DEV**
6	0	0	0	0.9	0	0	0	0
7	0.0115	0.6	0.0115	1.3	0.0115	1.4	0.0115	1.4
8	0.023	0.7	0.023	1.7	0.023	2.2	0.023	2.4
9	0.0345	0.8	0.0345	2.1	0.0345	3.1	0.0345	3.2
10	0.046	0.9	0.046	2.4	0.046	3.5	0.046	3.5
11	0.0575	1	0.0575	2.5	0.0575	3.6	0.0575	3.6
12	0.0604	1	0.0604	2.6	0.0604	3.6	0.0604	3.6
13	0.0633	1	0.0633	2.7	0.0633	3.7	0.0633	3.6
14	0.0661	1.1	0.0661	2.8	0.0661	3.7	0.0661	3.6
15	0.069	1.1	0.069	2.9	0.069	3.7	0.069	3.6
16	0.0719	1.1	0.0719	3	0.0719	3.7	0.0719	3.6
17	0.0748	1.1	0.0748	3.1	0.0748	3.7	0.0748	3.6
18	0.0776	1.2	0.0776	3.2	0.0776	3.7	0.0776	3.6
19	0.0805	1.2	0.0805	3.3	0.0805	3.7	0.0805	3.7
20	0.0834	1.2	0.0834	3.3	0.0834	3.7	0.0834	3.7
21	0.0863	1.2	0.0863	3.3	0.0863	3.7	0.0863	3.7
22	0.0891	1.3	0.0891	3.3	0.0891	3.8	0.0891	3.7
23	0.092	1.3	0.092	3.3	0.092	3.8	0.092	3.7
24	0.0949	1.3	0.0949	3.3	0.0949	3.8	0.0949	3.7
25	0.0978	1.4	0.0978	3.3	0.0978	3.8	0.0978	3.7
26	0.1	1.4	0.1	3.4	0.1	3.8	0.1	3.7
27	0.103	1.4	0.103	3.4	0.103	3.8	0.103	3.7
28	0.106	1.4	0.106	3.4	0.106	3.8	0.106	3.7
29	0.1093	1.4	0.1093	3.4	0.1093	3.8	0.1093	3.7
30	0.1121	1.5	0.1121	3.4	0.1121	3.8	0.1121	3.7
31	0.115	1.5	0.115	3.4	0.115	3.8	0.115	3.7
32	0.12	1.5	0.12	3.4	0.12	3.8	0.12	3.7
33	0.132	1.6	0.132	3.5	0.132	3.8	0.132	3.7
34	0.1553	1.8	0.1553	3.6	0.1553	3.8	0.1553	3.7
35	0.201	2.2	0.201	3.8	0.201	3.8	0.201	3.7
36	0.2933	2.9	0.2933	3.8	0.2933	3.8	0.2933	3.7
37	0.477	3.3	0.477	3.9	0.477	3.8	0.477	3.7
38	0.575	3.2	0.575	3.9	0.575	3.8	0.575	3.7
39	0.575	3.3	0.575	3.9	0.575	3.8	0.575	3.7
40								
41								
42								
43								

SECTION 3

OCCUPIED BANDWIDTH

Per 2.989 (c, 1) the measurements were made per TIA/EIA 603.

813 MHz

Table 1:

Page	Description
10-13	25 kHz, 50 & 150 kHz spans, Voice
14,15	25 kHz, 50 & 150 kHz spans, Data
16-19	25 kHz, 50 & 150 kHz spans, talkaround Voice
21-24	NPSPAC, 50 & 150 kHz spans, Voice
25,26	NPSPAC, 50 & 150 kHz spans, Data

SECTION 3

OCCUPIED BANDWIDTH

(FOR 25 kHz CHANNELIZATION)

Method of Measurement Per 2.989 (c,1) Data on Occupied Bandwidth is presented in the form of a spectrum analyzer plot which illustrates the transmitter sidebands. A plot is taken of the carrier sideband modulated with a 2500 Hz tone at a level 16 dB greater than that required to produce 50 percent modulation. (The spectrum analyzer grid indicates the reference level of the carrier unmodulated in all exhibits.)

SECTION 3B,C,G,H
Telephony

Bn = 2M + 2DK where

M = 3000 Hz
D = 4300 Hz
K= 1(assumed)

Bn = 14600
Therefore, Emission Designator = 14K6F3E

SECTION 3D
Data, Digital Voice

Bn = 2(B/2) + 2DK where

B = 9600 Hz
D = 3000 Hz
K=1(assumed)

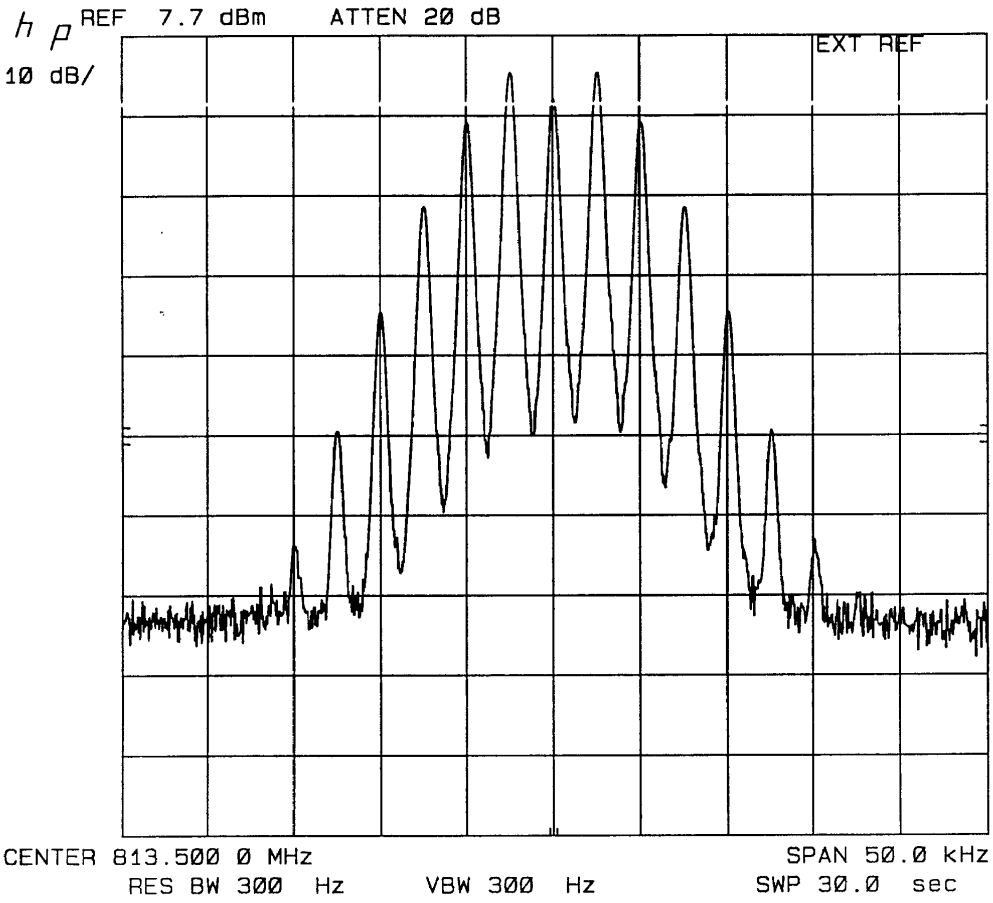
Bn=15600
Therefore, Emission Designators are,
15K6F1D
15K6F1E

EXHIBIT Sec3B1

APPLICANT: Ericsson Inc. ID NO. AXATR-390-A2

OCCUPIED BANDWIDTH

Modulation Sideband Spectrum



Referenced to the Unmodulated Carrier
Modulated with 2500 Hz
Analyzer: Vertical = 10 dB/Div.

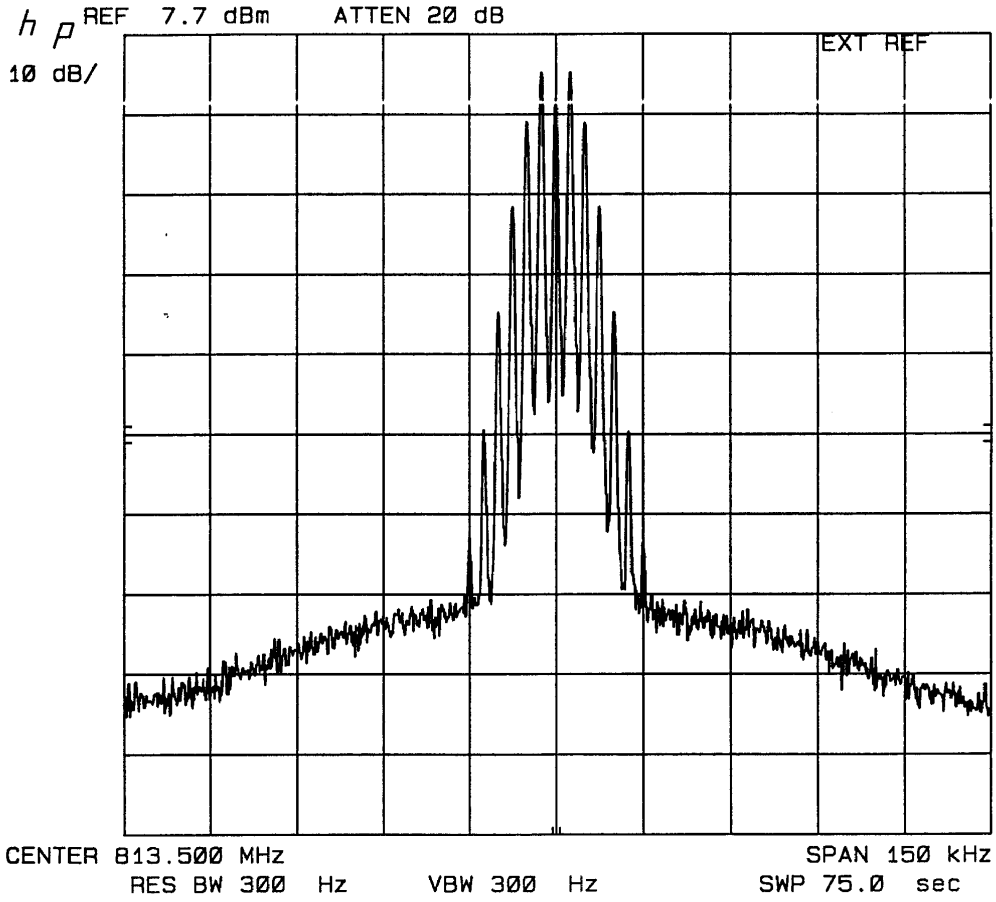
EXHIBIT Sec 382

APPLICANT: Ericsson Inc.

ID NO. AXATR-390-A2

OCCUPIED BANDWIDTH

Modulation Sideband Spectrum



Referenced to the Unmodulated Carrier

Modulated with 2500 Hz

Analyzer: Vertical = 10 dB/Div.

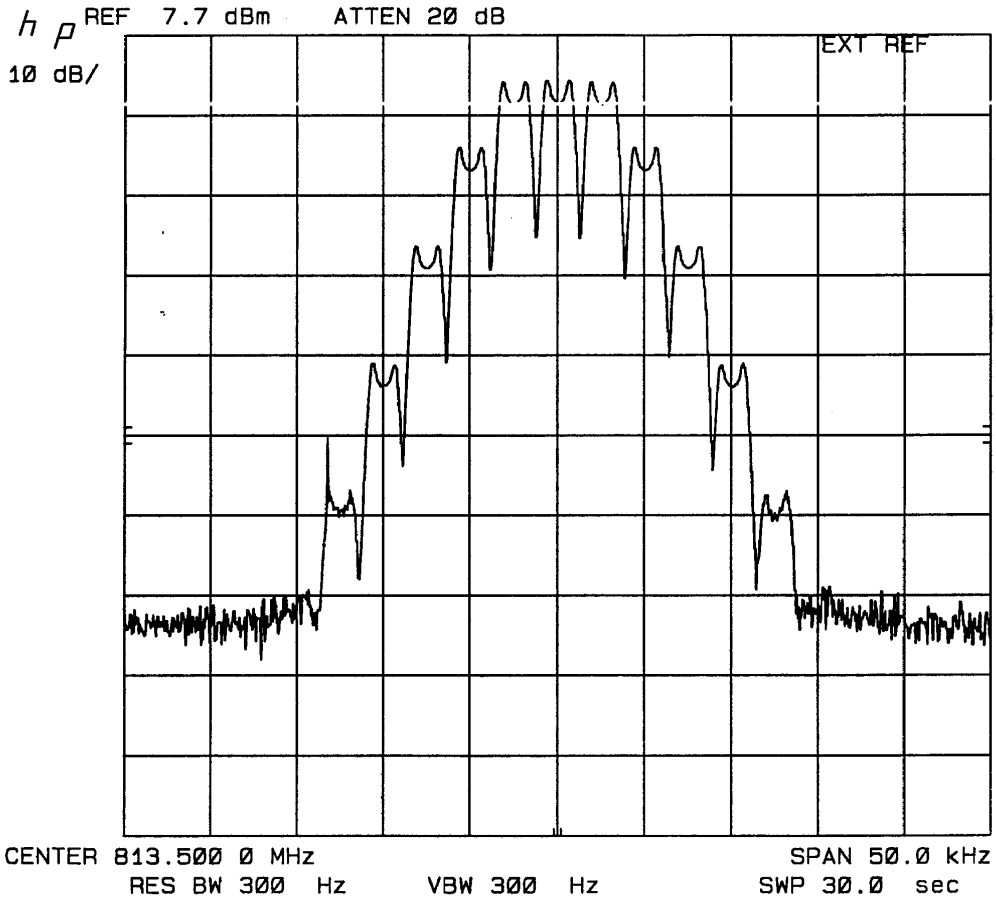
EXHIBIT Sec 3C1

APPLICANT: Ericsson Inc.

ID NO. AXATR-390-A2

OCCUPIED BANDWIDTH

Modulation Sideband Spectrum



Referenced to the Unmodulated Carrier

Modulated with 2500 Hz + 150 BPS

Analyzer: Vertical = 10 dB/Div.

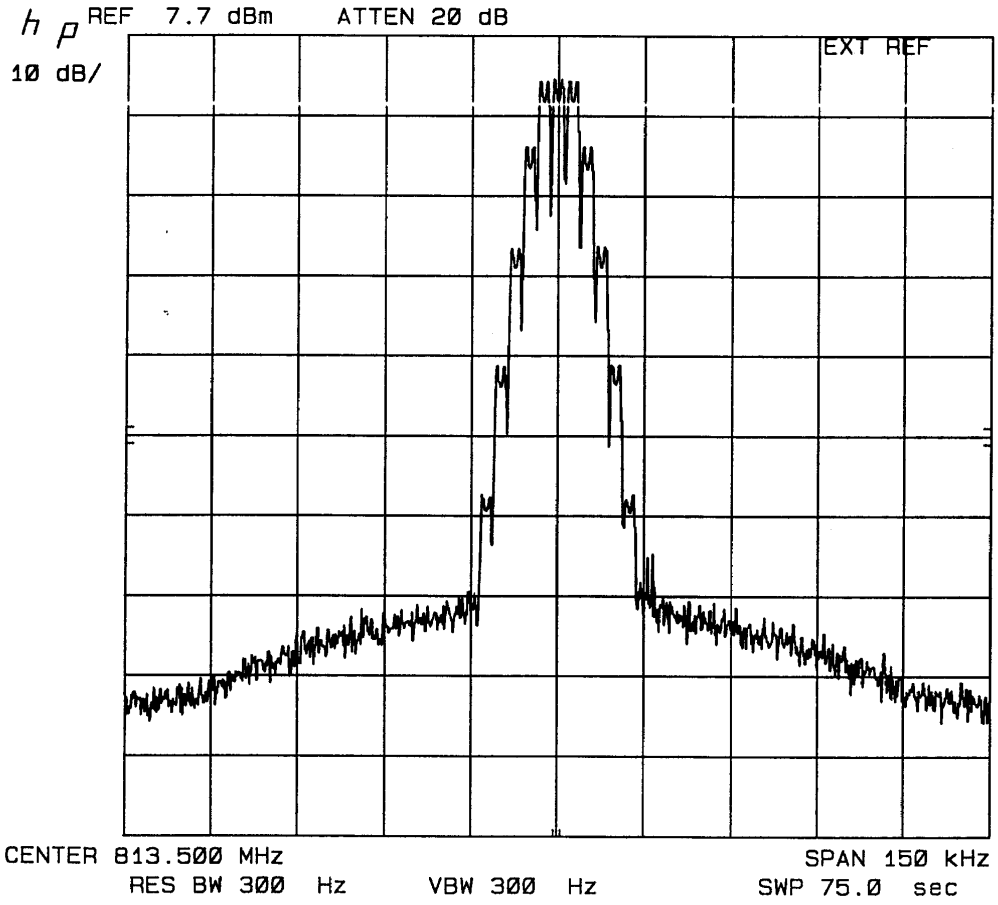
EXHIBIT Sec3C2

APPLICANT: Ericsson Inc.

ID NO. AXATR-390-A2

OCCUPIED BANDWIDTH

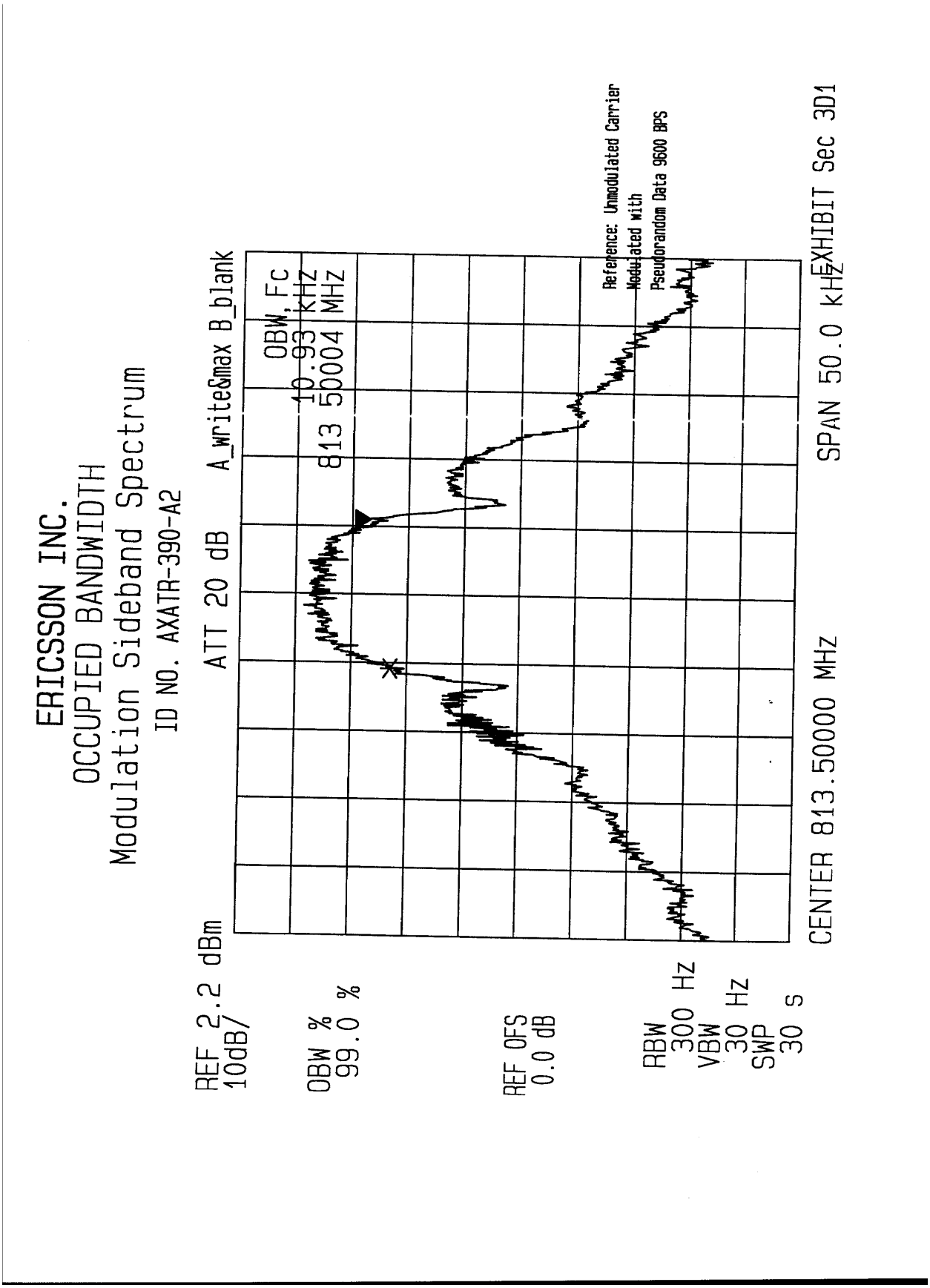
Modulation Sideband Spectrum



Referenced to the Unmodulated Carrier

Modulated with 2500 Hz + 150 BPS

Analyzer: Vertical = 10 dB/Div.


ERICSSON INC.
OCCUPIED BANDWIDTH
Modulation Sideband Spectrum
ID NO. AXATR-390-A2
REF 2.2 dBm
10dB/
ATT 20 dB
A_write&max B_blank
OBW Fc
10.93 kHz
813.50004 MHz
OBW %
99.0 %
REF OFS
0.0 dB
Reference: Unmodulated Carrier
Modulated with
Pseudorandom Data 9600 BPS
RBW
300 Hz
VBW
30 Hz
SWP
30 s
CENTER 813.50000 MHz
SPAN 50.0 kHz
EXHIBIT Sec 3D1

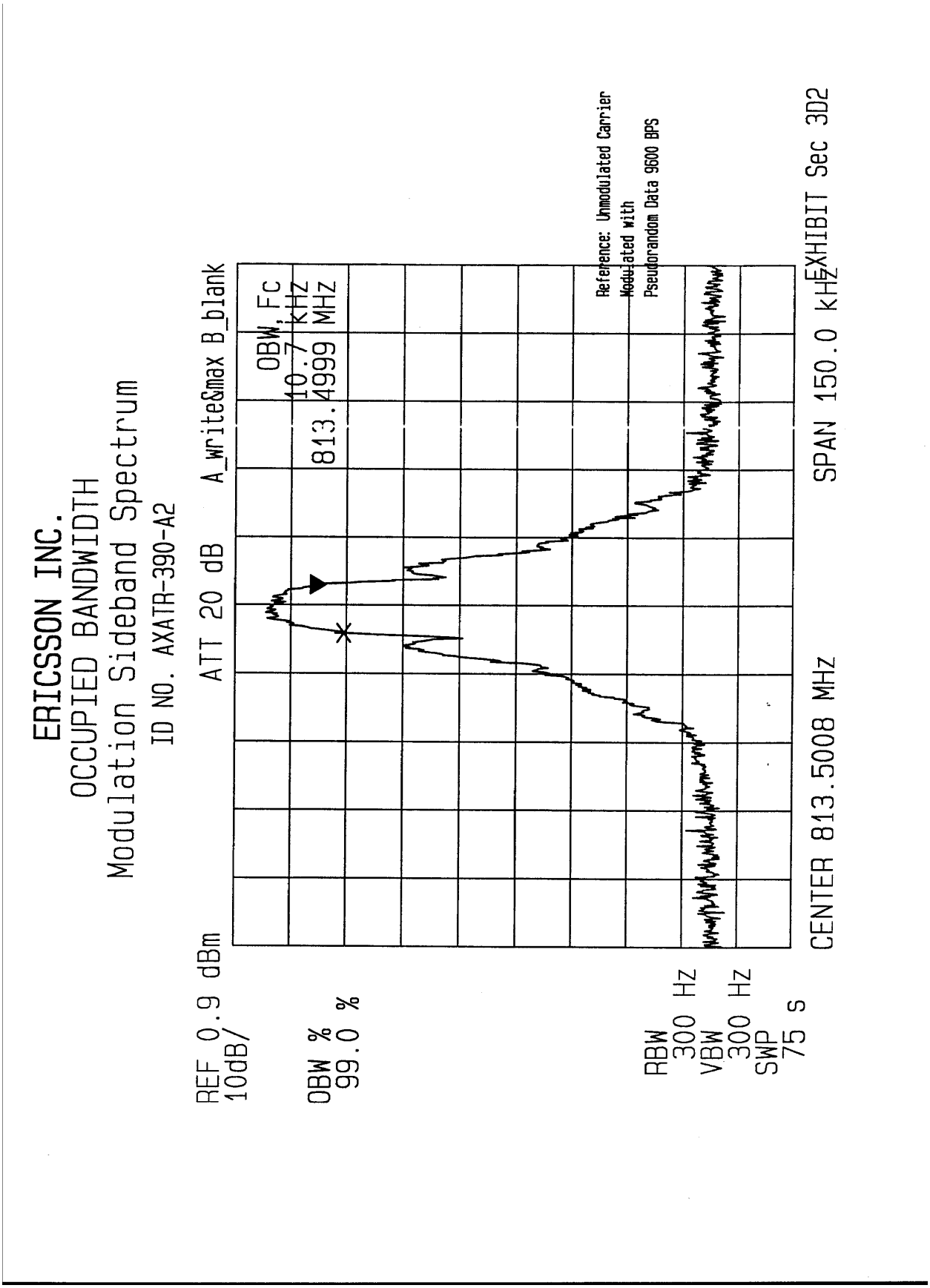
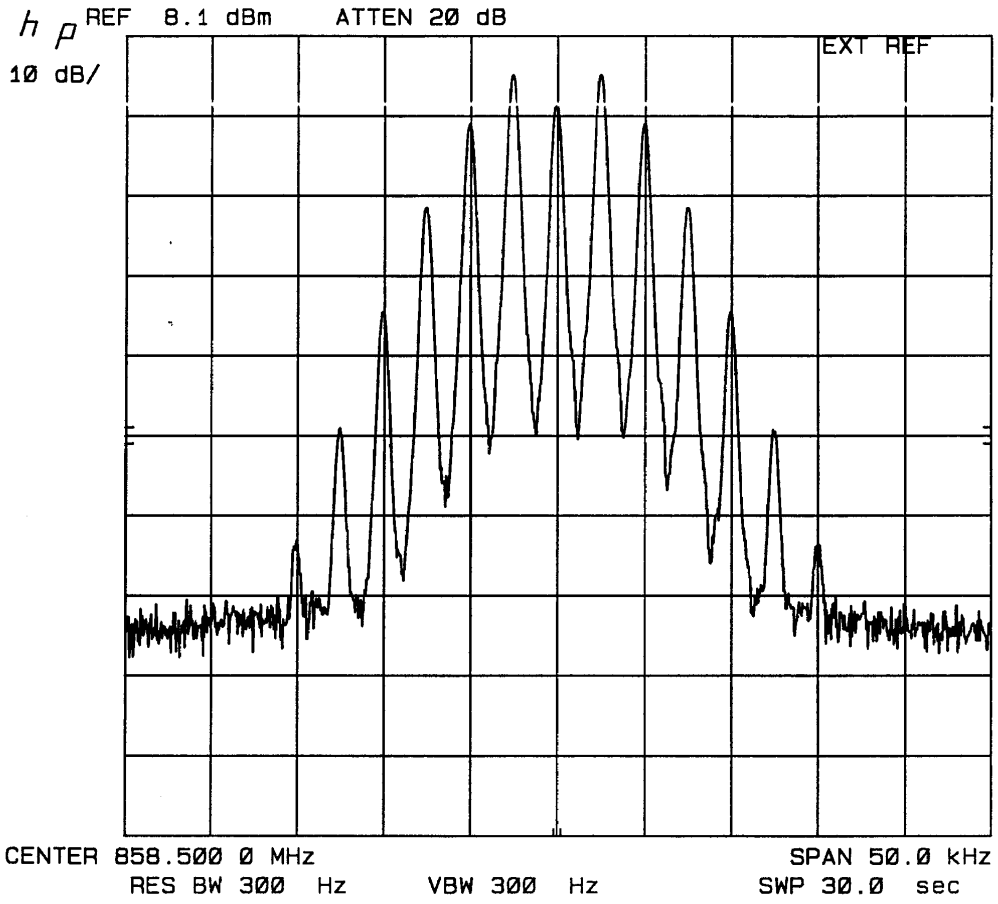

ERICSSON INC.
OCCUPIED BANDWIDTH
Modulation Sideband Spectrum
ID NO. AXATR-390-A2
REF 0.9 dBm
10dB/
ATT 20 dB
A_write&max B_blank
OBW, Fc
10.7 kHz
813.4999 MHz
OBW %
99.0 %
Reference: Unmodulated Carrier
Modulated with
Pseudorandom Data 9600 BPS
RBW
300 Hz
VBW
300 Hz
SWP
75 s
CENTER 813.5008 MHz
SPAN 150.0 kHz
EXHIBIT Sec 3D2

EXHIBIT Sec 3H1

APPLICANT: Ericsson Inc. ID NO. AXATR-390-A2

OCCUPIED BANDWIDTH

Modulation Sideband Spectrum



Referenced to the Unmodulated Carrier
Modulated with Talk-A-Around 2500 Hz

Analyzer: Vertical = 10 dB/Div.

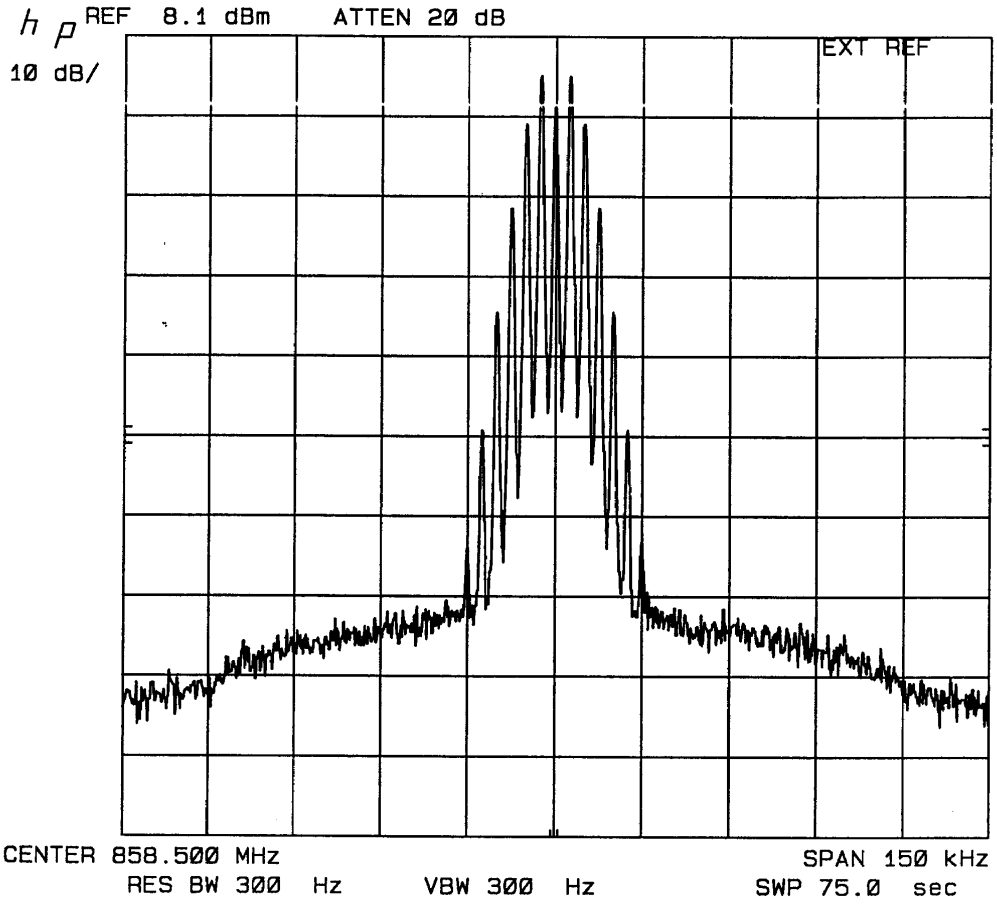
EXHIBIT Sec 3H2

APPLICANT: Ericsson Inc.

ID NO. AXATR-390-A2

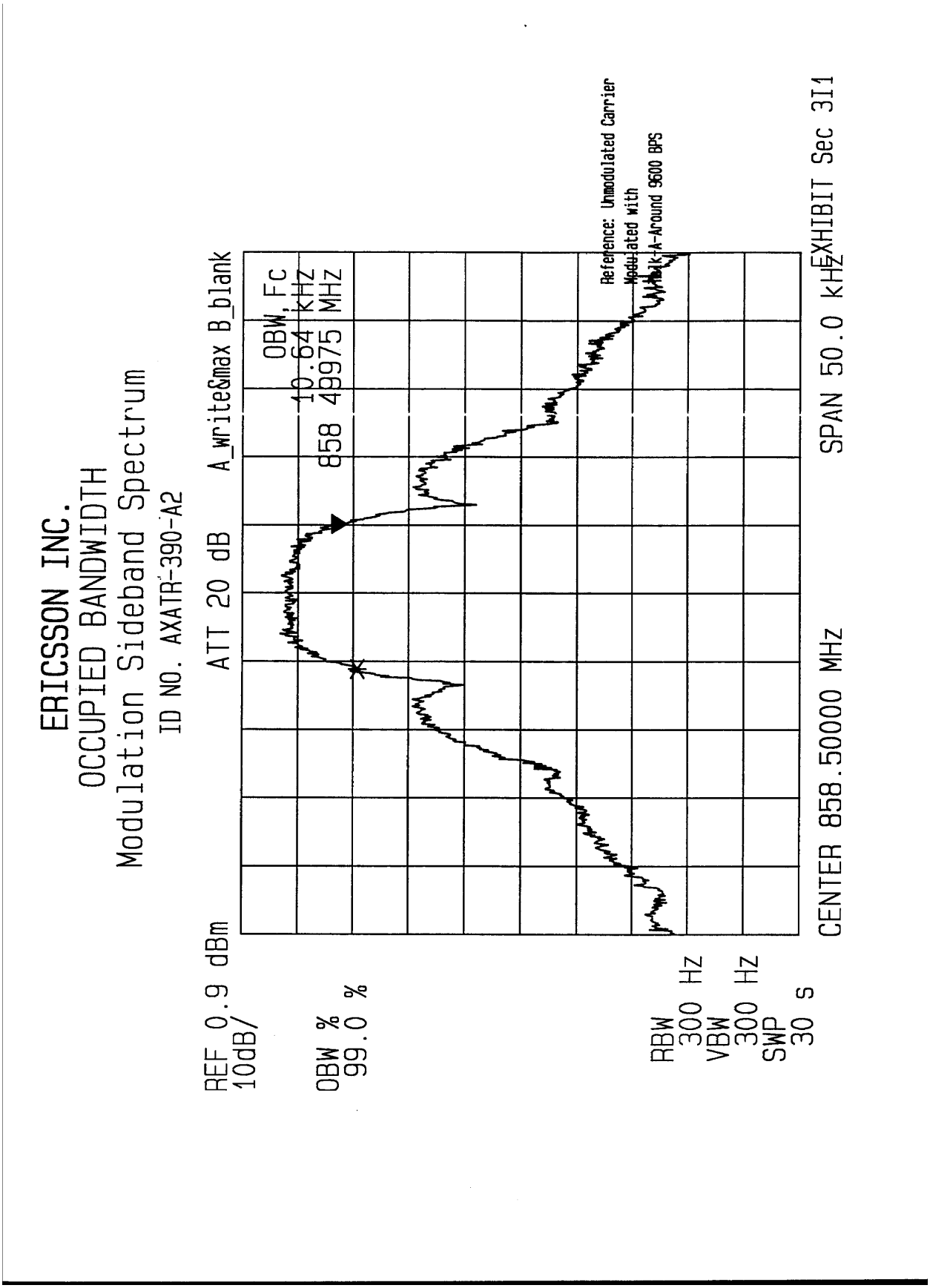
OCCUPIED BANDWIDTH

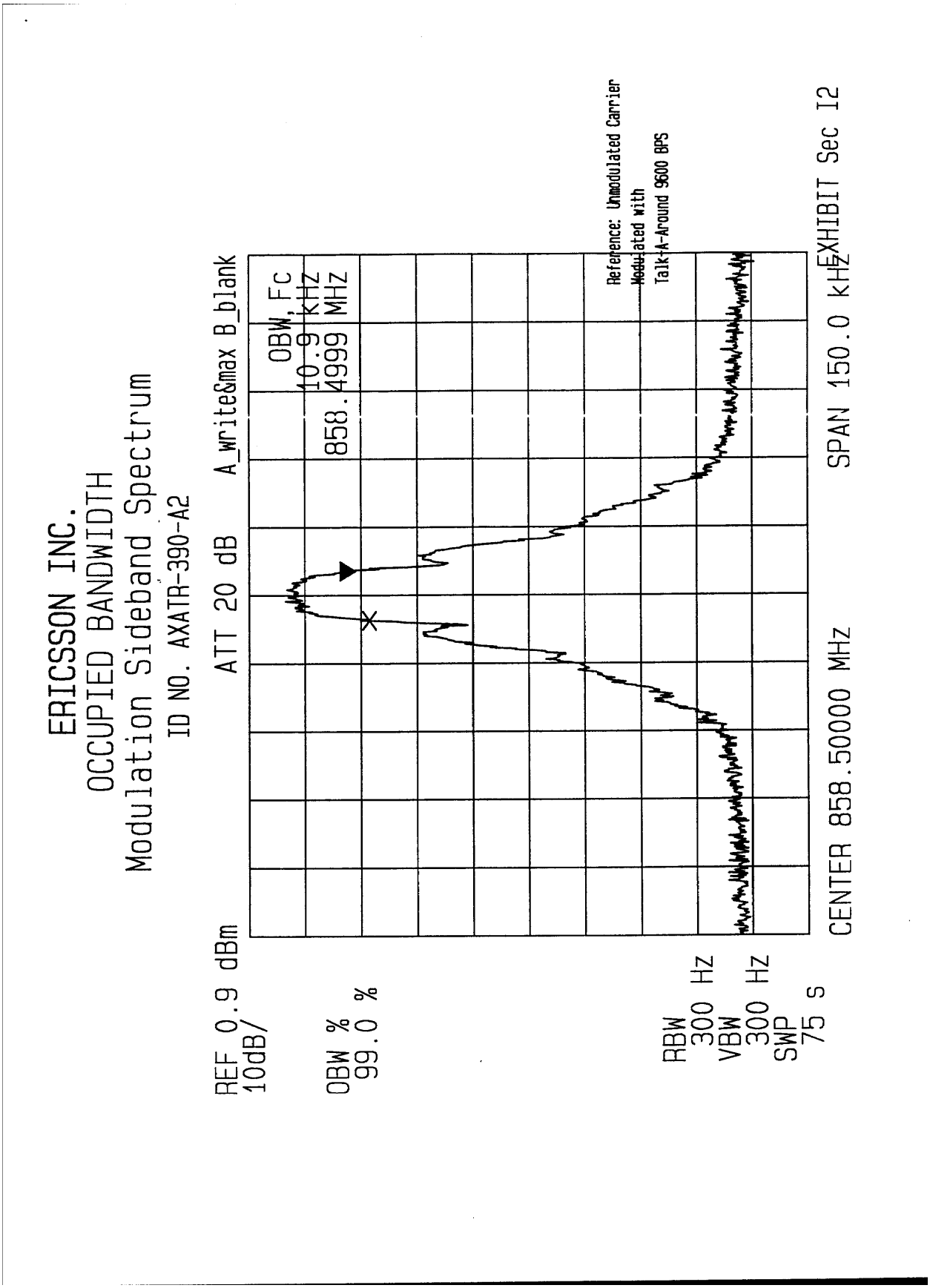
Modulation Sideband Spectrum



Referenced to the Unmodulated Carrier
Modulated with Talk-A-Around 2500 Hz

Analyzer: Vertical = 10 dB/Div.


ERICSSON INC.
OCCUPIED BANDWIDTH
Modulation Sideband Spectrum
ID NO. AXATR-390-A2
REF 0.9 dBm
10dB/
ATT 20 dB
A_write&max B_blank
OBW Fc
10.64 kHz
858.49975 MHz
OBW %
99.0 %
Reference: Unmodulated Carrier
Modulated with
Walk-A-Around 9600 BPS
RBW
300 Hz
VBW
300 Hz
SWP
30 s
CENTER 858.50000 MHz
SPAN 50.0 kHz
EXHIBIT Sec 3I1


ERICSSON INC.
OCCUPIED BANDWIDTH
Modulation Sideband Spectrum
ID NO. AXATR-390-A2
REF 0.9 dBm
10dB/
ATT 20 dB
A_write&max B_blank
OBW, Fc
10.9 kHz
858.4999 MHz
OBW %
99.0 %
Reference: Unmodulated Carrier
Modulated with
Talk-A-Around 9600 BPS
RBW
300 Hz
VBW
300 Hz
SWP
75 s
CENTER 858.50000 MHz
SPAN 150.0 kHz
EXHIBIT Sec I2

SECTION 3

OCCUPIED BANDWIDTH

(FOR NPSPAC CHANNELIZATION)

Method of Measurement Per Data on Occupied Bandwidth is presented in the form of a spectrum analyzer plot which illustrates the transmitter sidebands. A plot is taken of the carrier sideband modulated with a 2500 Hz tone at a level 16 dB greater than that required to produce 50 percent modulation. (The spectrum analyzer grid indicates the reference level of the carrier unmodulated in all exhibits.)

Section E,F Voice

Bn = 2M+2DK where

M = 3000 Hz
D = 3800 Hz
K = 1 (assumed)

Bn = 13600 Hz

Therefore, Emission Designator = 13K6F3E

Section G Data

Bn = 2(B/2) + 2DK where

B = 9600bps
D = 2400 bps
K=1 (assumed

Bn= 14400Hz

Therefore, Emission Designator=14K4F1D, 14K4F1E

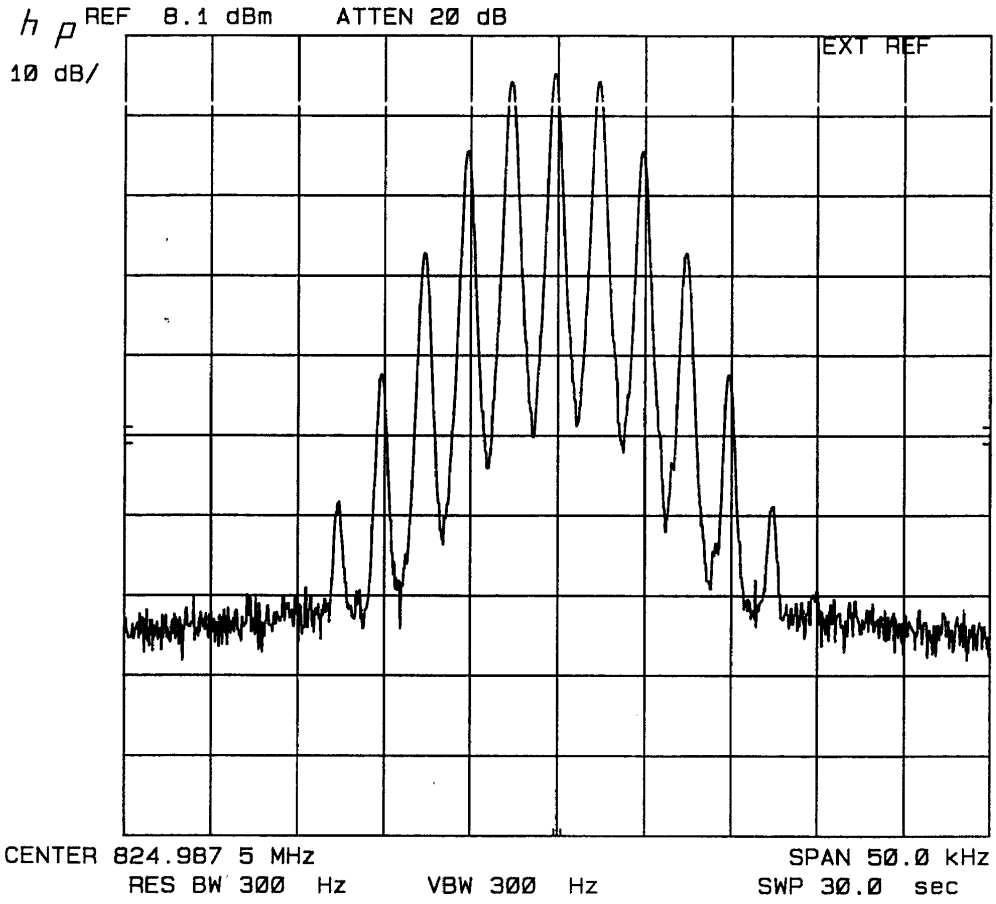
EXHIBIT Sec 3E1

APPLICANT: Ericsson Inc.

ID NO. AXATR-390-A2

OCCUPIED BANDWIDTH

Modulation Sideband Spectrum



Referenced to the Unmodulated Carrier
Modulated with NPSPAC Freq. 2500 Hz

Analyzer: Vertical = 10 dB/Div.

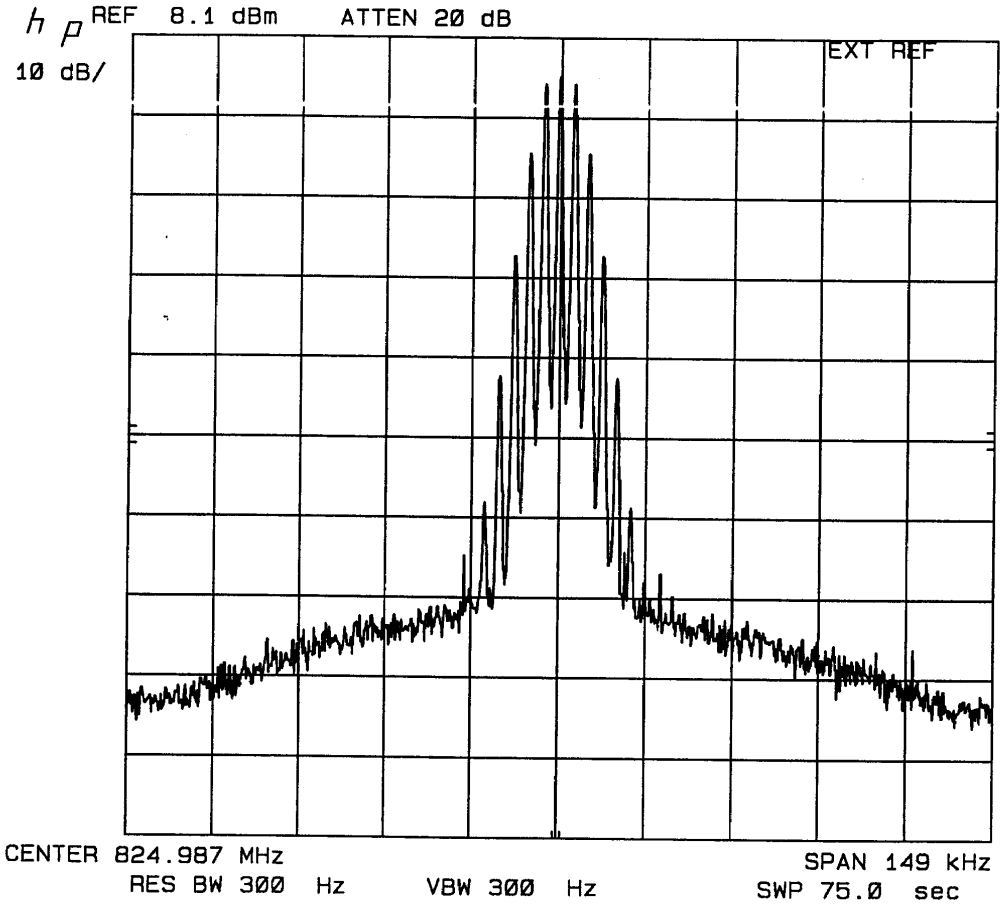
EXHIBIT Sec 3E2

APPLICANT: Ericsson Inc.

ID NO. AXATR-390-A2

OCCUPIED BANDWIDTH

Modulation Sideband Spectrum



Referenced to the Unmodulated Carrier
Modulated with NPSPAC Freq. 2500 Hz
Analyzer: Vertical = 10 dB/Div.

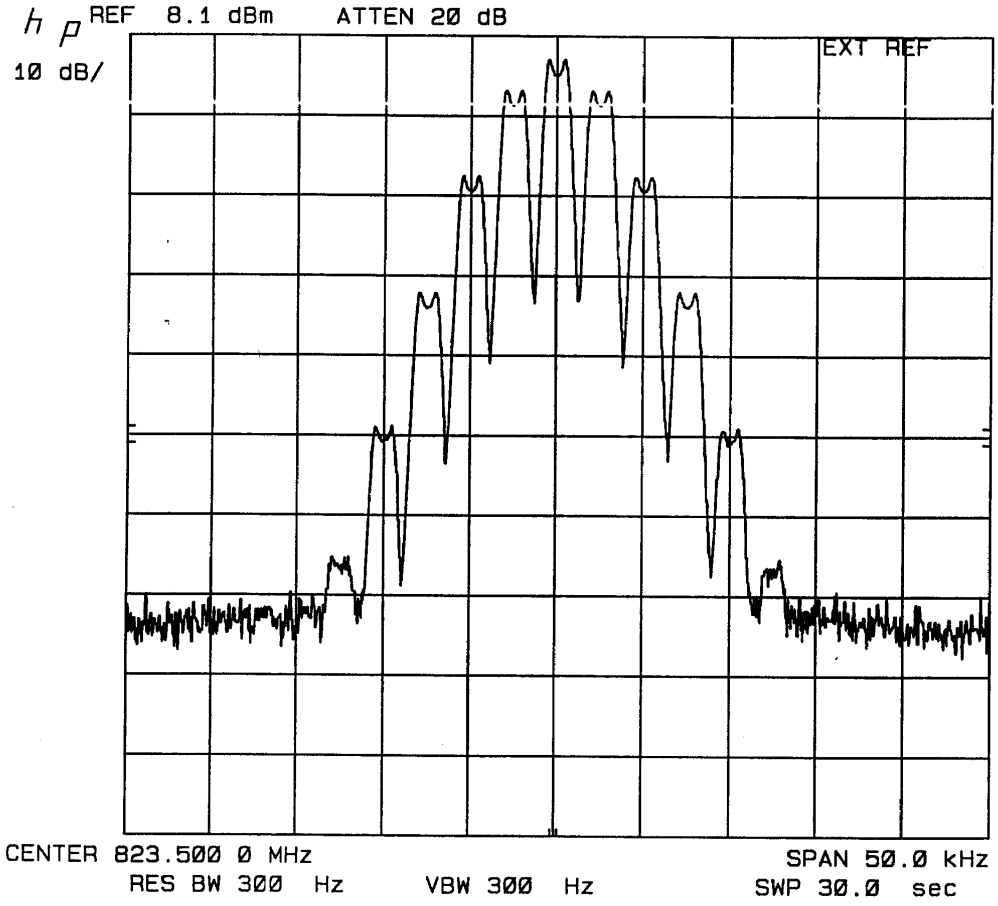
EXHIBIT Sec 3F1

APPLICANT: Ericsson Inc.

ID NO. AXATR-390-A2

OCCUPIED BANDWIDTH

Modulation Sideband Spectrum



Referenced to the Unmodulated Carrier

Modulated with NPSPAC 2500 Hz + 150 BPS

Analyzer: Vertical = 10 dB/Div.

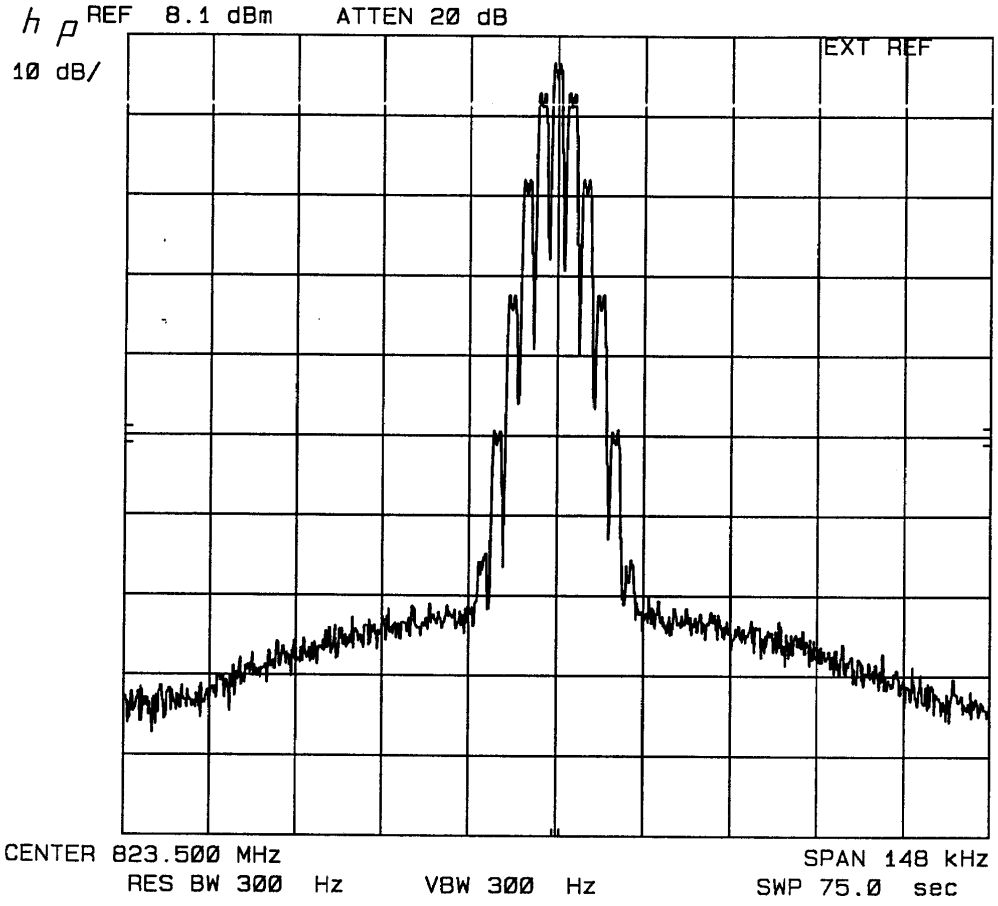
EXHIBIT Sec 3F2

APPLICANT: Ericsson Inc.

ID NO. AXATR-390-A2

OCCUPIED BANDWIDTH

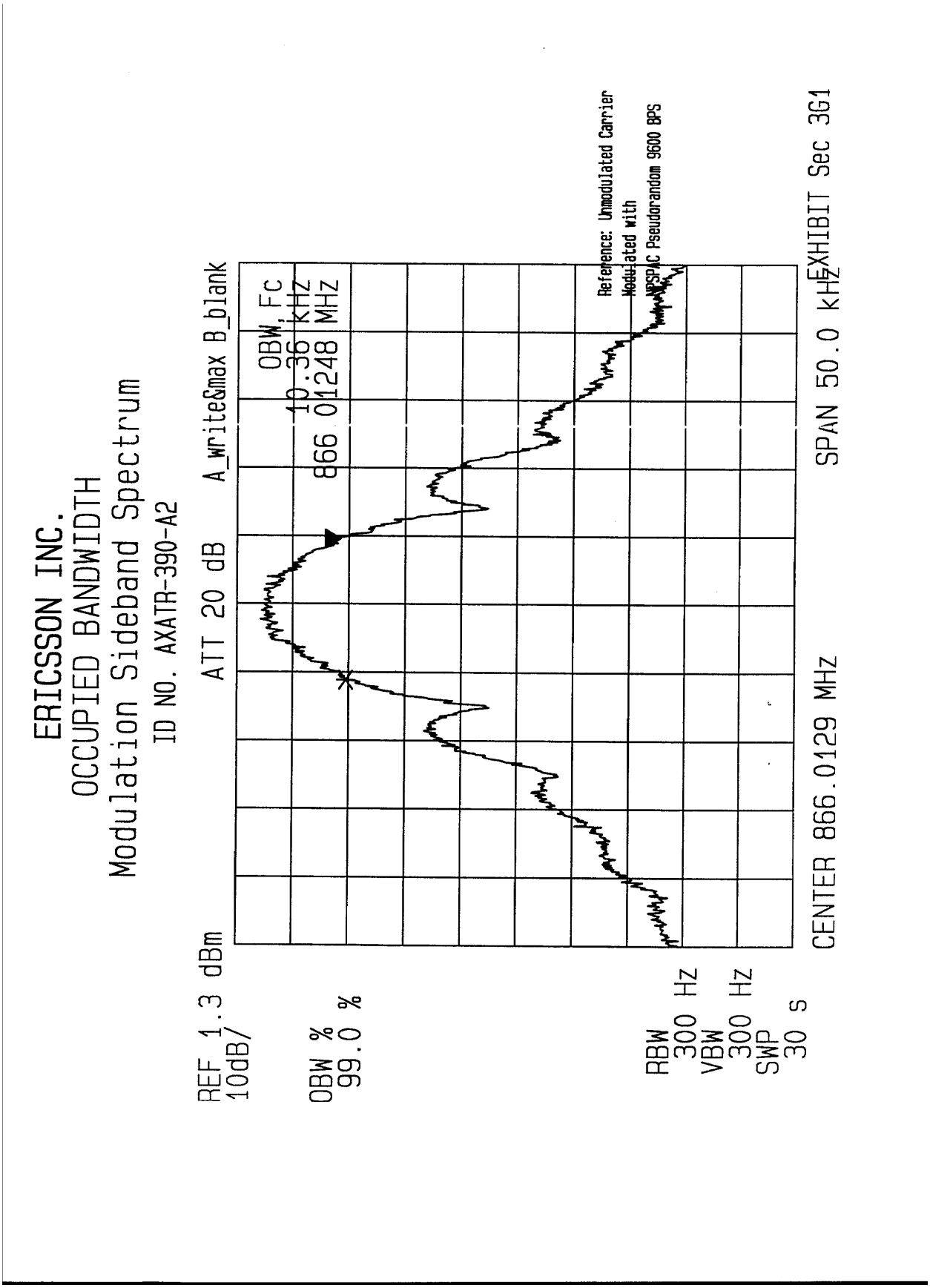
Modulation Sideband Spectrum

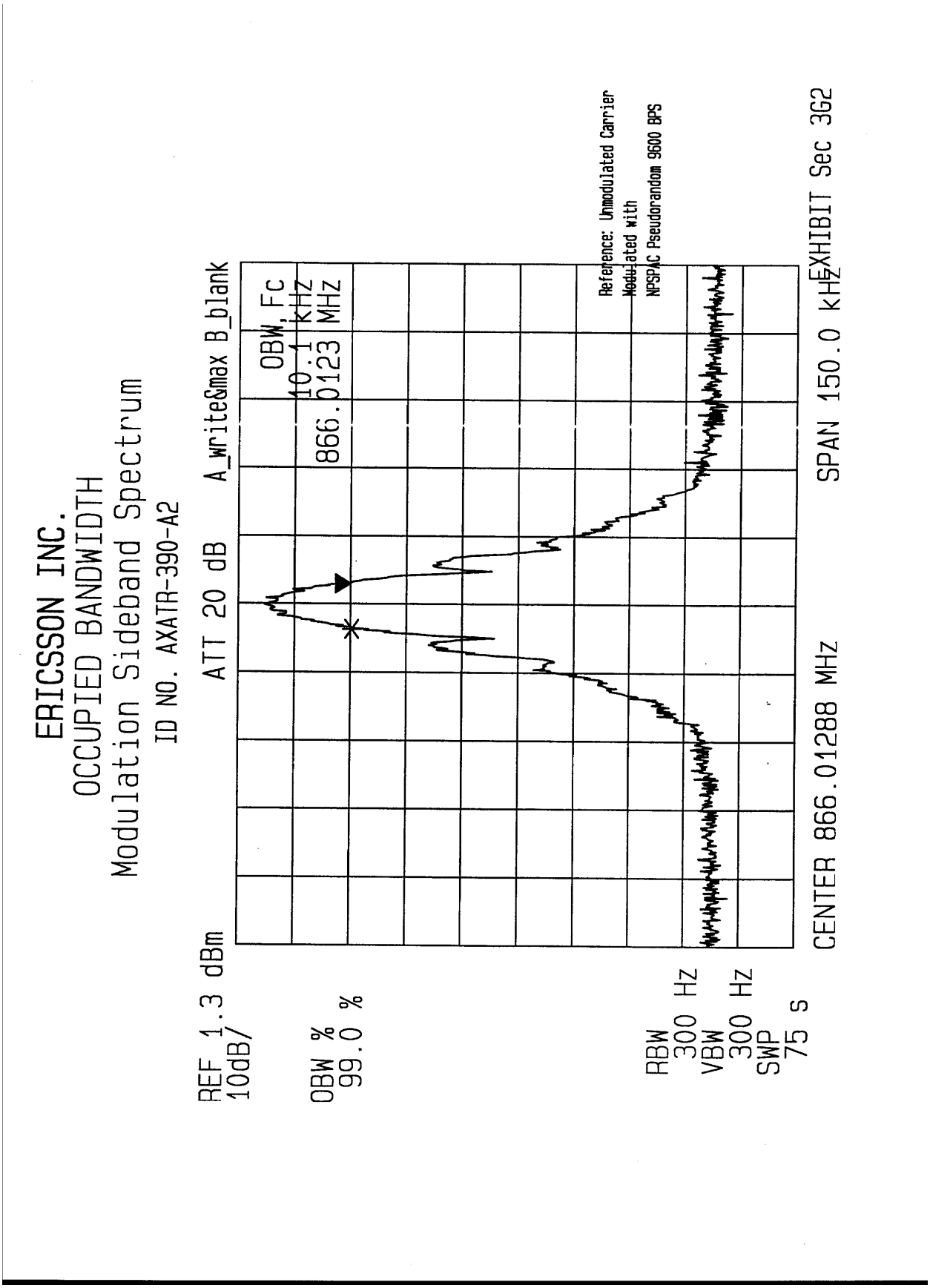


Referenced to the Unmodulated Carrier

Modulated with NPSPAC 2500 Hz + 150 BPS

Analyzer: Vertical = 10 dB/Div.


ERICSSON INC.
OCCUPIED BANDWIDTH
Modulation Sideband Spectrum
ID NO. AXATR-390-A2
REF 1.3 dBm
10dB/
ATT 20 dB
A_write&max B_blank
OBW, Fc
10.36 kHz
866 01248 MHz
OBW %
99.0 %
Reference: Unmodulated Carrier
Modulated with
NPSPAC Pseudorandom 9600 BPS
RBW
300 Hz
VBW
300 Hz
SWP
30 s
CENTER 866.0129 MHz
SPAN 50.0 kHz
EXHIBIT Sec 3G1


ERICSSON INC.
OCCUPIED BANDWIDTH
Modulation Sideband Spectrum
ID NO. AXATR-390-A2
REF 1.3 dBm
10dB/
ATT 20 dB
A_write&max B_blank
OBW, Fc
10.1 kHz
866.0123 MHz
OBW %
99.0 %
Reference: Unmodulated Carrier
Modulated with
NPSPAC Pseudorandom 9600 BPS
RBW
300 Hz
VBW
300 Hz
SWP
75 s
CENTER 866.01288 MHz
SPAN 150.0 kHz
EXHIBIT Sec 3G2

SECTION 4

SPURIOUS EMISSIONS

Reference 2.991 spurious emissions at the antenna terminals when properly loaded with an appropriate artificial antenna were measured per TIA\EIA 603.

Results are as shown in the following Sections

Tx Radiated Emissions		
Page	Frequency Mhz	Power in Watts
28 Front Mount	806.0125 - 869.9875	25
29 Front Mount	same	25
30 Remote Mount	same	25

Equipment used was:

Hewlett Pacard Spectrum Analyzer 140T Display, 8554-B-RF, 8552B-IF.

Reference 2.993 field strength of spurious radiation was measured on our three meter range. The site and equipment are described in the site description and attenuation measurements for the Ericsson Inc. three meter radiation site #2 filed with the FCC in Columbia, Maryland, in November of 1990. The measurement procedure is per TIA/EIA 603, but done on a three meter test site. Results are shown on the following exhibits

Tx Conducted Emissions		
Page	Frequency	Power in Watts
31	806.0125 - 869.9875	25 & 6 watts

TRANSMITTER RADIATED

AXATR-390-A2 **S/N ET280L16E** **May 13, 1999**

Front Mount

EDRP Limits -- TX FCC: -20 dBm for 12.5kHz or -13 for 25kHz
RX FCC or(CEPT < 1GHz): -57 dbm
CEPT TX < 1GHz: -36 dBm

Carrier Power = 25.000 Watts at **806.012500 MHz**

Frequency MHz	Antenna Polarization	Measured dBm	EDRP dBm
1611.907600		-61.4	-28.8
2417.920100		-80.2	-43.4
3223.971700		-74.2	-33.6
4029.984200		-74.0	-33.1
4835.996700		-67.8	-22.4
5642.009200		-89.5	-42.1
6448.021700		-83.8	-34.4
7254.034200		-87.3	-35.5
8060.046700		-85.5	-33.5

Carrier Power = 25.000 Watts at **813.500000 MHz**

Frequency MHz	Antenna Polarization	Measured dBm	EDRP dBm
1627.000000		-60.4	-27.8
2440.500000		-75.5	-38.6
3253.843000		-79.5	-39.0
4067.393000		-74.2	-33.1
4880.902000		-67.5	-21.8
5694.402000		-81.3	-33.7
6507.902600		-80.3	-30.8
7321.402600		-91.3	-39.4
8134.902600		-85.1	-33.2

Carrier Power = 25.000 Watts at **824.987500 MHz**

Frequency MHz	Antenna Polarization	Measured dBm	EDRP dBm
1649.832700		-64.1	-31.3
2474.820200		-75.5	-38.4
3299.807700		-70.5	-30.0
4949.768500		-81.9	-35.8
5774.756000		-96.1	-48.2
6599.743500		-82.4	-32.5
7424.731000		-91.5	-39.4
8249.718500		-95.6	-43.7

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TRANSMITTER RADIATED

AXATR-390-A2 **S/N ET280L16E** **May 13, 1999**

Carrier Power = 25.000 Watts at **851.012500 MHz**

Frequency MHz	Antenna Polarization	Measured dBm	EDRP dBm
1701.911200		-67.4	-34.3
2552.923700		-76.0	-38.4
3403.936200		-73.1	-32.6
4254.948700		-74.5	-32.6
5105.961200		-75.6	-29.0
5956.973700		-84.2	-35.6
6807.996800		-71.3	-20.7
7659.009400		-75.8	-23.7
8510.021800		-84.6	-32.8

Carrier Power = 25.000 Watts at **858.500000 MHz**

Frequency MHz	Antenna Polarization	Measured dBm	EDRP dBm
1716.914600		-67.8	-34.6
2575.414600		-82.4	-44.7
3433.914600		-72.3	-31.8
4292.414600		-69.5	-27.4
5150.914600		-70.6	-24.0
6009.414600		-84.3	-35.5
6867.914600		-71.7	-20.9
7726.414600		-77.1	-25.0
8584.914900		-84.6	-32.4

Carrier Power = 25.000 Watts at **869.987500 MHz**

Frequency MHz	Antenna Polarization	Measured dBm	EDRP dBm
1739.975000		-67.8	-34.5
2609.962500		-68.8	-30.9
3479.846800		-74.9	-34.4
4349.834400		-69.9	-27.6
5219.821800		-72.5	-25.8
6089.809400		-72.4	-23.5
6959.796800		-82.5	-31.3
7829.784400		-87.5	-35.4
8699.771800		-88.1	-35.4

----------End of Report----------

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TRANSMITTER RADIATED

AXATR-390-A2 **S/N ET280L16E** **May 23, 1999**

Remote Mount

EDRP Limits -- TX FCC: -20 dBm for 12.5kHz or -13 for 25kHz
RX FCC or(CEPT < 1GHz): -57 dbm
CEPT TX < 1GHz: -36 dBm

Carrier Power = **25.000 Watts** at **806.012500 MHz** Date 05/23/99

Frequency MHz	Antenna Polarization	Measured dBm	EDRP dBm
1612.025000		-61.5	-29.0
2418.037500		-73.1	-36.3
3224.050000		-75.2	-34.6

Carrier Power = **25.000 Watts** at **824.987500 MHz** Date 05/23/99

Frequency MHz	Antenna Polarization	Measured dBm	EDRP dBm
1649.975000		-64.4	-31.7
2474.962500		-78.8	-41.7
3299.950000		-71.5	-31.0
4124.937500		-67.7	-26.4

Carrier Power = **25.000 Watts** at **869.987500 MHz** Date 05/23/99

Frequency MHz	Antenna Polarization	Measured dBm	EDRP dBm
1739.975000		-69.9	-36.6
2609.962500		-60.9	-23.0
3479.950000		-66.2	-25.7
4349.937500		-75.5	-33.2

----------End of Report----------

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TRANSMITTER CONDUCTED

AXATR-390-A2 S/N ET280L16E May 21, 1999

Front Mount

LIMITS:

TX FCC: -20 dBm for 12.5kHz or -13 for 25kHz
CEPT TX < 1GHz: -36 dBm

Carrier Power = **25.000** Watts at **806.012500** MHz Date 05/21/99
Device ID: AXATR-390-A2 FRONT MOUNT

Frequency MHz	Antenna Polarization	Measured dBm	EDRP dBm
3224.050000		-39.7	-39.7
4030.062500		-28.5	-28.5

Carrier Power = **6.000** Watts at **806.012500** MHz Date 05/21/99
Device ID: AXATR-390-A2 FRONT MOUNT

4030.062500		-32.5	-32.5

Carrier Power = **25.000** Watts at **869.987500** MHz Date 05/21/99
Device ID: AXATR-390-A2 FRONT MOUNT

Frequency MHz	Antenna Polarization	Measured dBm	EDRP dBm
1739.975000		-40.5	-40.5
2609.962500		-43.6	-43.6
3479.950000		-28.5	-28.5
6959.900000		-28.5	-28.5

Carrier Power = **6.000** Watts at **869.987500** MHz Date 05/21/99
Device ID: AXATR-390-A2 FRONT MOUNT

No Emissions Observed
----------End of Report----------

SECTION 5

FREQUENCY STABILITY

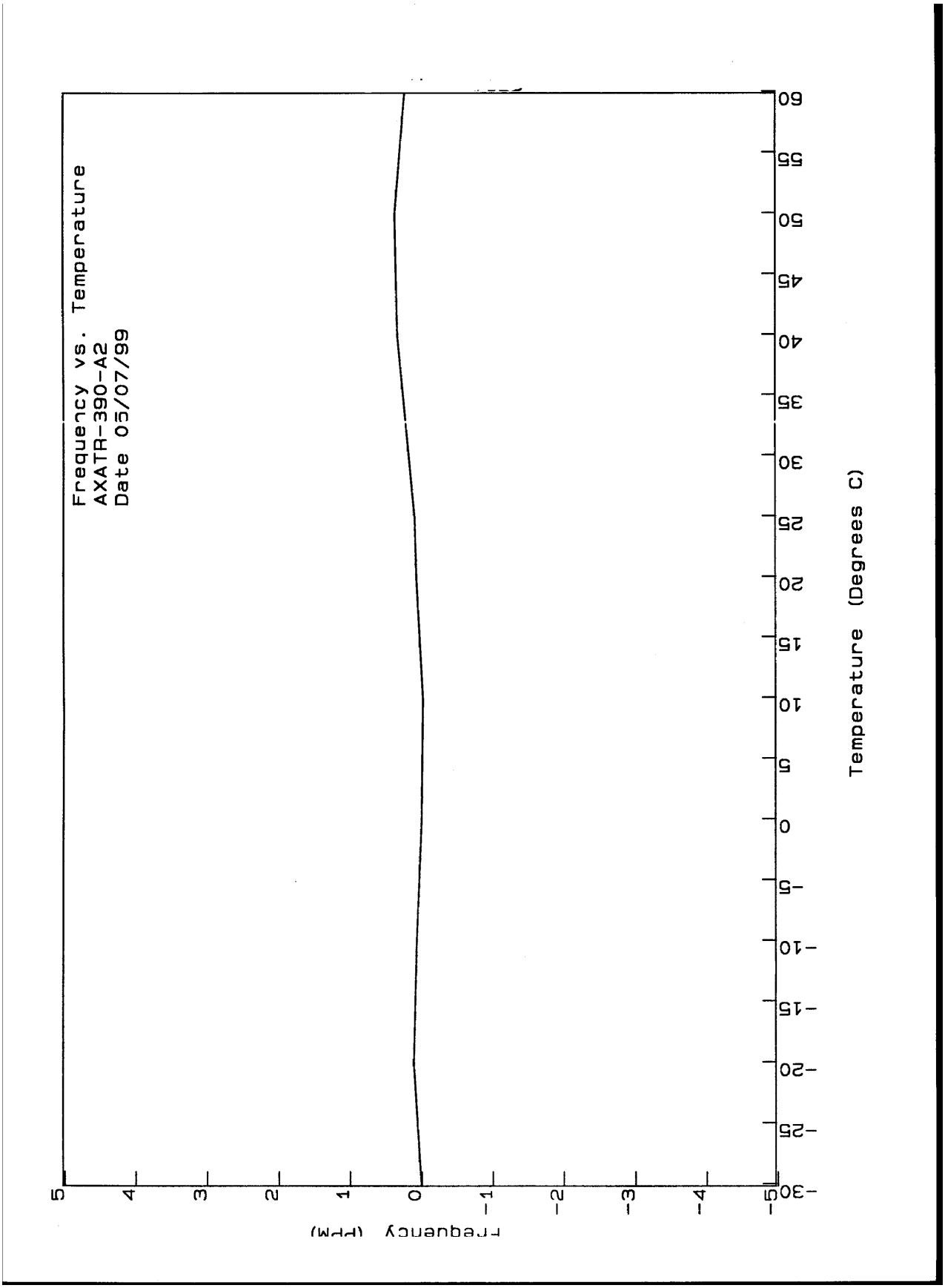
Par. 2.995 (a,1) (b) (d, 1) variation of output frequency as a result of either temperature or voltage variation is reported in the graphs on the following sheets: (The battery is rated from 6 to 9 volts.)

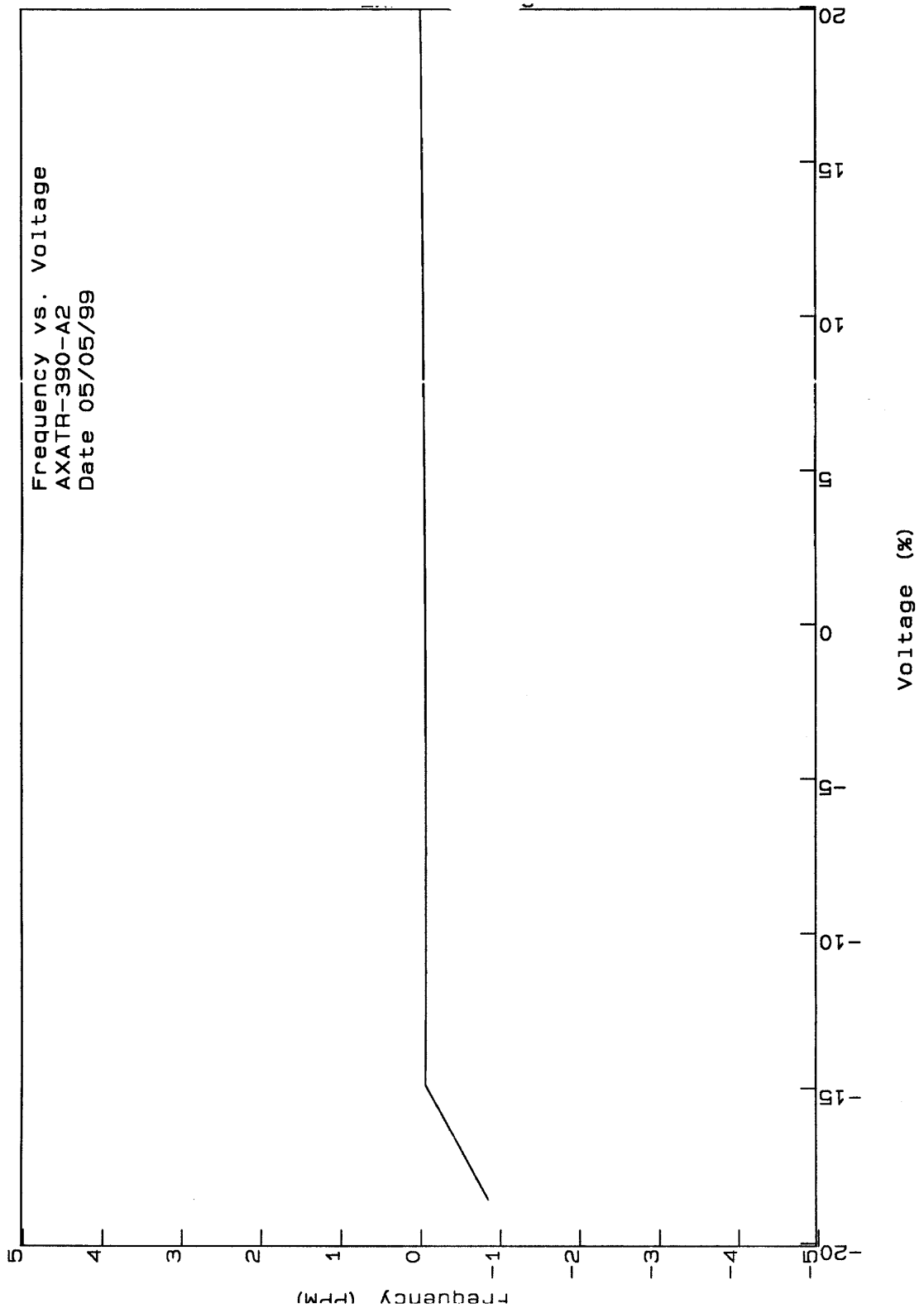
Page 33 Carrier Frequency Vs Temperature

Page 34 Carrier Frequency Vs. Voltage

The Equipment used is:

Hewlett Packard QUARTZ Thermometer Model 2804A
Takeda Counter TR5823AK
Takeda Digital Multimeter TR6878
Tabai Temperature chamber PL-2G


Frequency vs. Temperature
AXATR-390-A2
Date 05/07/99
Frequency (PPM)
5
4
3
2
1
0
-1
-2
-3
-4
-5
Temperature (Degrees C)
60
55
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
-20
-25
-30


Frequency vs. Voltage
AXATR-390-A2
Date 05/05/99
Frequency (PPM)
5
4
3
2
1
0
-1
-2
-3
-4
-5
20
15
10
5
0
-5
-10
-15
-20
Voltage (%)