RF POWER OUTPUT

2.1046 The RF Power measured at the output terminals:

OWDTR-0006-E

3 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.

1

MODULATION CHARACTERISTICS

Ref. Par. 2.1047 the frequency and amplitude response to audio inputs measured per TIA/EIA 603 are shown on the following sheet

Page 3&4 Audio Frequency Response(25 kHz)

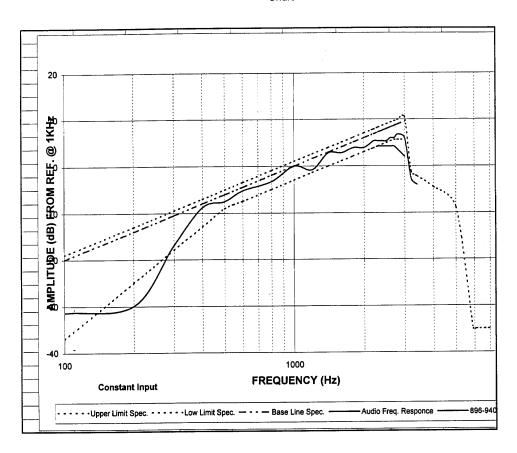
Page 5&6_Modulation Characteristics (25kHz)

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.

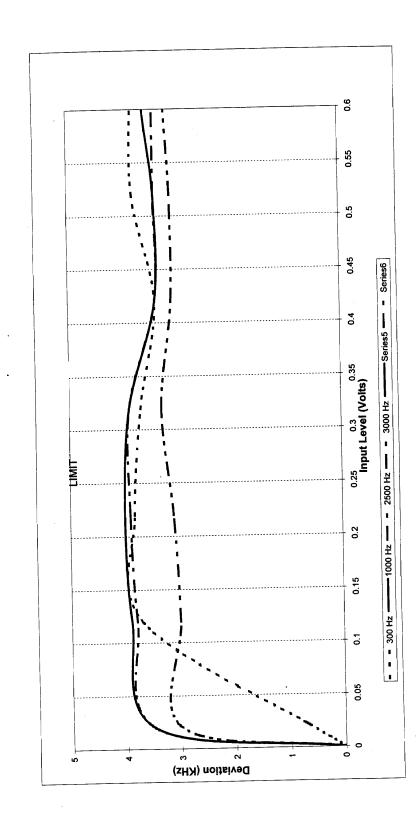
Chart



AXATR-403-A2



Modulation Limiting



Modulation Limiting Curve Data

The color of the	+				The second secon				
STANKECHSPC	_			Moc	Julation Li	miting Cur	ves		
State	~			25 KHz CH SPC					
Color Colo	,	300	+	100	0Hz	2500	HZ (300	0Hz
0 0 0 0 0 0 0		LEVEL	!	LEVEL	DEV	LEVEL	DEV	LEVEL	DEV
0.02 0.05 0.02 3.5 0.02 0.12 3.7 0.12 3.9 0.02 0.12 3.7 0.12 3.9 0.02 0.12 3.7 0.12 3.9 0.02 0.12 3.4 0.12 3.9 0.02 0.32 3.4 0.42 3.9 0.02 0.42 3.4 0.42 3.9 0.02 0.42 3.4 0.42 3.4 0.62 0.62 3.6 0.62 3.4 0.62 0.62 3.8 0.72 3.4 0.62 0.62 3.8 0.72 3.4 0.62 0.62 3.8 0.62 3.4 0.62 0.62 3.8 0.62 3.4 0.62 0.62 3.8 0.72 3.4 0.62 0.82 3.4 0.72 3.4 1.12 1.02 3.8 1.22 3.4 1.12	٦	c	0	0	0	0	0	0	0
0.12 3.7 0.12 3.9 0.12 3.8 0.12 0.22 3.82 0.22 3.9 0.22 3.9 0.02 0.22 3.8 0.22 3.9 0.02 3.9 0.02 0.42 3.4 0.42 3.4 0.42 3.4 0.42 0.52 3.8 0.52 3.4 0.62 3.4 0.62 0.62 3.8 0.62 3.4 0.62 3.4 0.62 0.72 3.8 0.72 3.4 0.62 3.4 0.62 0.72 3.8 0.72 3.4 0.62 3.4 0.62 0.72 3.8 0.72 3.4 0.72 3.4 0.62 0.72 3.8 0.72 3.4 0.72 3.4 0.62 0.72 3.8 0.72 3.4 0.72 3.4 1.72 1.12 3.8 1.72 3.4 1.62 3.4 1.62	,	000	0.65	0.02	3.5	0.02	3.5	0.02	9
0.22 3.82 0.22 3.9 0.22 0.32 3.6 0.32 3.9 0.02 0.32 3.6 0.32 3.4 0.42 3.4 0.42 0.42 3.6 0.62 3.4 0.42 3.4 0.42 0.62 3.8 0.62 3.4 0.62 3.4 0.62 0.62 3.8 0.72 3.4 0.62 3.4 0.62 0.62 3.8 0.72 3.4 0.62 3.4 0.72 0.62 3.8 0.72 3.4 0.72 3.4 0.72 0.62 3.8 0.72 3.4 0.72 3.4 0.72 0.62 3.8 0.92 3.4 0.72 3.4 0.72 1.02 3.8 1.12 3.4 1.12 3.4 1.12 1.12 3.8 1.42 3.5 1.62 3.4 1.62 1.62 3.9 1.62 3.5		0.12	3.7	0.12	3.9	0.12	3.8	0.12	က
0.32 3.69 0.32 3.9 0.32 0.42 3.4 0.42 3.4 0.42 0.42 3.4 0.62 3.4 0.62 0.62 3.8 0.62 3.4 0.62 0.62 3.8 0.62 3.4 0.62 0.72 3.8 0.72 3.4 0.62 0.72 3.8 0.62 3.4 0.62 0.82 3.8 0.62 3.4 0.62 0.82 3.8 0.62 3.4 0.62 0.82 3.8 0.62 3.4 0.62 0.82 3.8 0.62 3.4 1.12 1.12 3.8 1.22 3.4 1.12 1.12 3.8 1.22 3.4 1.62 1.12 3.9 1.62 3.4 1.62 1.12 3.9 1.62 3.4 1.62 1.12 3.9 1.62 3.4 1.62	٥	0.22	3.82	0.22	4	0.22	3.9	0.22	3.1
0.42 3.4 0.42 3.4 0.42 3.4 0.42 0.62 3.8 0.62 3.4 0.62 3.4 0.62 0.62 3.8 0.62 3.4 0.62 3.4 0.62 0.72 3.8 0.72 3.4 0.72 3.4 0.62 0.82 3.8 0.72 3.4 0.72 3.4 0.62 0.82 3.8 0.72 3.4 0.62 3.4 0.62 0.92 3.8 0.92 3.4 1.02 3.4 1.02 1.12 3.8 1.12 3.4 1.22 3.4 1.22 1.12 3.8 1.32 3.5 1.42 3.4 1.52 1.12 3.9 1.62 3.5 1.62 3.4 1.62 1.12 3.9 1.62 3.5 1.62 3.4 1.62 1.12 3.9 1.62 3.5 1.62 3.4 1.62	ءاد	0.32	3.69	0.32	3.9	0.32	3.9	0.32	3.3
0.62 3.4 0.62 3.4 0.62 0.62 3.8 0.62 3.4 0.62 0.62 3.8 0.62 3.4 0.62 0.62 3.8 0.62 3.4 0.72 0.62 3.8 0.62 3.4 0.72 0.82 3.8 0.92 3.4 0.02 1.02 3.8 1.02 3.4 1.02 1.12 3.8 1.12 3.4 1.12 1.12 3.8 1.22 3.4 1.12 1.22 3.8 1.62 3.4 1.22 1.22 3.8 1.62 3.4 1.82 1.52 3.9 1.62 3.5 1.62 3.4 1.82 1.62 3.9 1.62 3.5 1.62 3.4 1.82 1.62 3.9 1.62 3.5 1.62 3.4 1.82 1.92 4 1.82 3.5 1.82 3.4	=	0.42	3.4	0.42	3.4	0.42	3.4	0.42	3.1
0.62 3.6 0.62 3.4 0.62 0.72 3.8 0.62 3.4 0.02 0.72 3.8 0.72 3.4 0.02 0.82 3.8 0.82 3.4 0.82 0.92 3.8 0.92 3.4 0.82 1.02 3.8 1.02 3.4 1.12 1.12 3.8 1.02 3.4 1.12 1.12 3.8 1.12 3.4 1.12 1.12 3.8 1.22 3.4 1.12 1.32 3.8 1.32 3.4 1.62 1.32 3.9 1.52 3.4 1.62 1.62 3.9 1.62 3.5 1.82 3.4 1.62 1.72 4 1.82 3.5 1.82 3.4 1.82 1.62 4 1.92 3.5 1.82 3.4 1.82 1.62 4 1.92 3.5 2.25 3.4	<u> </u>	0.52	3.8	0.52	3.4	0.52	3.4	0.52	3.1
0.72 3.4 0.72 3.4 0.72 0.62 3.6 0.62 3.4 0.02 0.62 3.6 0.62 3.4 0.02 0.62 3.6 0.62 3.4 0.02 0.62 3.6 0.62 3.4 0.02 1.02 3.8 1.02 3.4 1.02 1.12 3.8 1.12 3.4 1.12 1.22 3.8 1.32 3.4 1.22 1.32 3.8 1.32 3.4 1.32 1.42 3.6 1.32 3.4 1.52 1.42 3.5 1.62 3.4 1.62 1.52 3.5 1.62 3.4 1.62 1.52 3.5 1.62 3.4 1.62 1.52 3.5 1.62 3.4 1.62 1.62 3.4 1.62 3.4 1.62 1.62 4 1.62 3.4 1.62	2	0.62	3.8	0.62	3.6	0.62	3.4	0.62	3.2
0.82 3.4 0.82 3.4 0.82 0.92 3.8 0.92 3.4 0.92 1.02 3.8 1.02 3.4 1.02 1.12 3.8 1.12 3.4 1.12 1.12 3.8 1.12 3.4 1.12 1.22 3.8 1.22 3.4 1.12 1.32 3.8 1.22 3.4 1.22 1.32 3.8 1.42 3.4 1.32 1.42 3.8 1.42 3.4 1.42 1.52 3.9 1.52 3.4 1.62 1.52 3.9 1.62 3.4 1.62 1.62 3.9 1.62 3.4 1.72 1.62 3.5 1.62 3.4 1.82 1.82 4 1.82 3.5 1.82 3.4 1.82 1.92 4 1.82 3.5 1.82 3.4 1.82 1.82 4	1	0.72	3,8	0.72	3.4	0.72	3.4	0.72	3.2
0.92 3.6 0.92 3.4 0.92 1.02 3.8 1.02 3.4 1.02 1.02 3.8 1.02 3.4 1.12 3.4 1.12 1.12 3.8 1.22 3.4 1.12 3.4 1.12 1.32 3.8 1.22 3.4 1.12 3.4 1.12 1.32 3.8 1.32 3.5 1.42 3.4 1.52 1.42 3.8 1.52 3.5 1.62 3.4 1.62 1.62 3.9 1.62 3.5 1.62 3.4 1.62 1.72 4 1.72 3.5 1.82 3.4 1.82 1.62 3.4 1.92 3.5 1.92 3.4 1.92 1.62 4 1.92 3.5 1.92 3.4 1.92 2.25 4 2.25 3.4 2.25 3.4 2.25	2	280	3.8	0.82	3.4	0.82	3.4	0.82	3.2
102 3.4 102 3.4 102 112 3.8 112 3.4 1.12 112 3.8 112 3.4 1.22 3.4 1.12 132 3.8 1.22 3.4 1.22 3.4 1.22 132 3.8 1.32 3.5 1.32 3.4 1.32 142 3.8 1.32 3.5 1.42 3.4 1.52 1.52 3.9 1.62 3.5 1.62 3.4 1.62 1.52 3.9 1.62 3.5 1.72 3.4 1.62 1.72 4 1.72 3.5 1.72 3.4 1.82 1.82 4 1.92 3.5 1.92 3.4 1.92 2.26 4 2.25 3.4 2.25 3.4 2.25 2.25 3.4 2.25 3.4 2.25 3.4 2.25	9	0.00	3.8	0.92	3.5	0.92	3.4	0.92	3.2
1,12 3.6 1,12 3.4 1,12 1,12 3.8 1,12 3.4 1,12 1,22 3.8 1,22 3.4 1,12 1,32 3.8 1,22 3.4 1,52 1,42 3.8 1,42 3.4 1,52 1,42 3.6 1,42 3.4 1,52 1,42 3.5 1,62 3.4 1,62 1,62 3.5 1,62 3.4 1,62 1,62 3.5 1,72 3.4 1,62 1,62 3.5 1,72 3.4 1,17 1,82 4 1,92 3.5 1,182 1,82 4 1,92 3.5 1,182 1,82 4 1,92 3.5 1,182 1,82 4 2,25 3.4 2,25 2,26 3,4 2,25 3,4 2,25 2,26 3,4 2,25 3,4 2,25	1	1 02	3.8	1.02	3.4	1.02	3.4	1.02	3.2
1.22 3.6 1.22 3.4 1.22 1.32 3.8 1.32 3.4 1.22 1.32 3.8 1.32 3.4 1.32 1.42 3.8 1.32 3.4 1.42 1.42 3.5 1.42 3.4 1.42 1.52 3.9 1.52 3.4 1.62 1.62 3.9 1.62 3.4 1.62 1.72 3.4 1.72 3.4 1.72 1.92 4 1.92 3.5 1.82 3.4 1.82 1.92 4 1.92 3.5 2.25 3.4 2.25 2.25 4 2.25 3.4 2.25	ď	112	3.8	1.12	3.4	1.12	3.4	1.12	3.3
1,32 3,6 1,32 3,4 1,32 1,42 3,8 1,42 3,4 1,42 1,42 3,8 1,42 3,4 1,42 1,52 3,6 1,62 3,4 1,62 1,62 3,9 1,62 3,4 1,62 1,72 4 1,72 3,5 1,72 3,4 1,72 1,82 4 1,72 3,5 1,92 3,4 1,92 1,82 4 2,25 3,5 2,25 3,4 2,25 2,26 4 2,25 3,5 2,25 3,4 2,25	0	1 22	3.8	1.22	3.4	1.22	3.4	1.22	3.1
1,42 3.6 1,42 3.4 1,42 1,52 3.8 1,52 3.4 1,62 1,62 3.9 1,52 3.5 1,62 3.4 1,62 1,62 3.9 1,52 3.4 1,62 3.4 1,62 1,72 4 1,72 3.5 1,72 3.4 1,72 1,82 4 1,82 3.5 1,82 3.4 1,92 1,92 4 1,92 3.5 1,92 3.4 1,92 2,26 4 2,25 3.5 2,25 3.4 2,25 2,26 3 2,25 3.4 2,25	2 5	130	3.8	1.32	3.5	1.32	3.4	1.32	3.3
1.52 3.9 1.52 3.4 1.52 1.62 3.9 1.62 3.4 1.62 1.62 3.9 1.62 3.4 1.62 1.72 4 1.82 3.5 1.72 3.4 1.62 1.82 4 1.82 3.5 1.82 3.4 1.82 1.92 4 1.92 3.5 1.92 3.4 1.92 2.26 4 2.25 3.4 2.25 2.26 3.4 2.25 3.5 2.25 3.4 2.25	3 2	4.0	3.8	1.42	3.5	1.42	3.4	1.42	3.3
1.62 3.9 1.62 3.5 1.62 3.4 1.62 1.72 4 1.72 3.5 1.72 3.4 1.72 1.72 4 1.72 3.5 1.82 3.4 1.82 1.82 4 1.92 3.5 1.92 3.4 1.92 2.25 4 2.25 3.5 2.26 3.4 2.26 2.26 4 2.25 3.5 2.26 3.4 2.26	31.	1.52	3.9	1.52	3.5	1.52	3.4	1.52	3.3
1,72	15	1 62	3.9	1.62	3.5	1.62	3.4	1.62	3.3
1.82 34 1.82 3.4 1.82 3.4 1.82 3.1 1.82 3.3 1.92 3.3 1.92 3.5 1.92 3.4 1.92 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.4 2.25 3.5 2.25 3.5 2.25 3.4 2.25 3.5 2.25	2 2	172	4	1.72	3.5	1.72	3.4	1.72	3.3
1.92 4 1.92 3.5 1.92 3.4 1.92 3.3 2.26 4 2.26 3.5 2.25 3.4 2.26 3.3 2.26 3.4 2.26 3.5 3.4 3.25 3.25 3.4 3.25 3.25 3.4 3.25 3.25 3.4 3.25 3.4 3.25 3.25 3.4 3.25 3.25 3.4 3.25 3.25 3.4 3.25 3.25 3.25 3.4 3.25 3.25 3.4 3.25 3.25 3.4 3.25 3.25 3.4 3.25 3.25 3.4 3.25 3.25 3.4 3.25 3.25 3.4 3.25 3.25 3.25 3.4 3.25 3.25 3.25 3.25 3.25 3.25 3.25 3.25	3 2	182	4	1.82	3.5	1.82	3.4	1.82	3.3
2.25 4 2.25 3.5 2.25 3.4 2.25 3.	2 5	192	4	1.92	3.5	1.92	3.4	1.92	3.3
	315	2.05	4	2.25	3.5	2.25	3.4	2.25	3.3
28 33 32 33 33 35 36 36 40 41	300								
33 33 33 33 33 35 36 36 40 41	Ş								
33.3 3.3 3.3 3.3 3.5 3.5 3.7 4.1	8								
33 33 34 35 35 36 40 41	31								
33 33 36 36 37 40 41	32								
35 35 37 38 40	33								
35 30 33 38 40 41	3								
35 37 38 39 40 41	35								
338 399 40	98								
38 33 40 41	37								
39 40 41	38								
40 41	39								
41	5								
C,	14								
	١								

OCCUPIED BANDWIDTH

Per 2.1049 the measurements were made per TIA/EIA 603.

Page	Description
9-12	25 kHz, 50 & 150 kHz spans, Voice
13,14	25 kHz, 50 & 150 kHz spans, Data
15-18	25 kHz, 50 & 150 kHz spans, talkaround Voice, Data
20-23	NPSPAC, 50 & 150 kHz spans, Voice
24,25	NPSPAC, 50 & 150 kHz spans, Data

7

OCCUPIED BANDWIDTH

(FOR 25 kHz CHANNELIZATION)

Method of Measurement Per 2.1049 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 3 Page 9-12

Bn = 2M + 2DK where

M = 3000 HzD = 4000 Hz

K=1(assumed)

Telephony

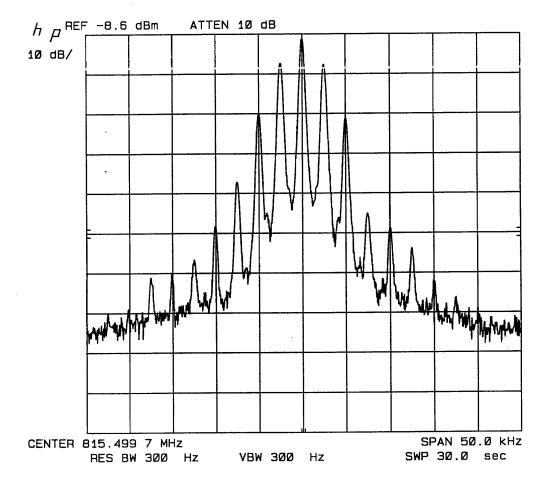
Bn = 14000Therefore, Emission Designator = 14K0F3E

SECTION 3 Page 13,14 Data, Digital Voice Bn = 2(B/2) + 2DK where

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

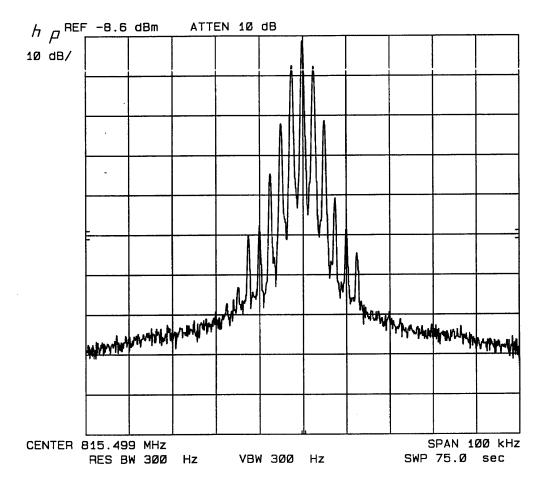
Bn=15600 Therefore, Emission Designators are, 15K6F1D 15K6F1E

Modulation Sideband Spectrum



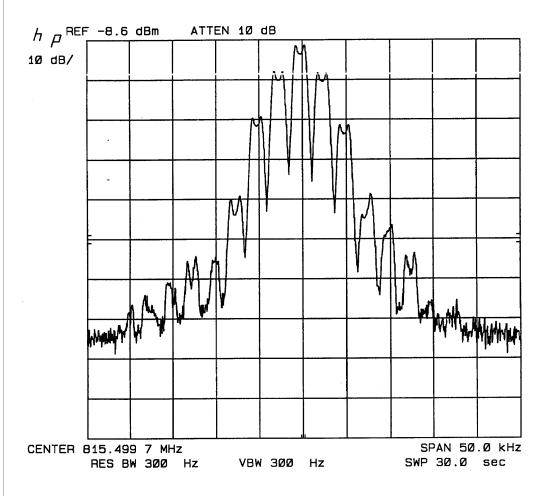
Referenced to the Unmodulated Carrier Modulated with 2500 HZ 50% DEV

Modulation Sideband Spectrum



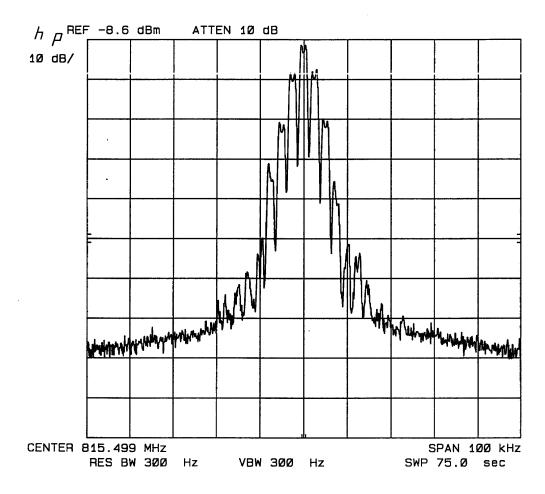
Referenced to the Unmodulated Carrier Modulated with 2500 HZ 50% DEV

Modulation Sideband Spectrum



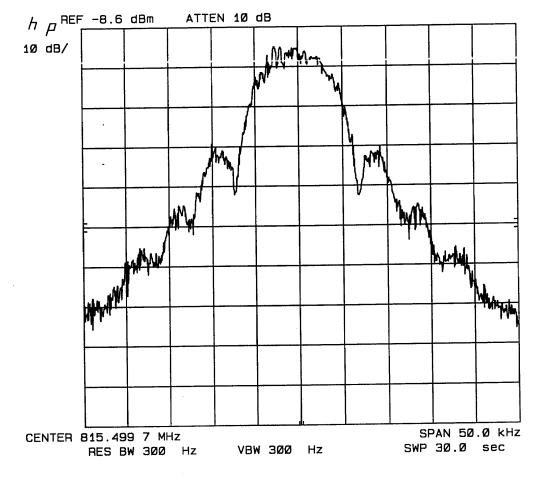
Referenced to the Unmodulated Carrier Modulated with 2500 Hz 50% DEV + 150 BPS

Modulation Sideband Spectrum

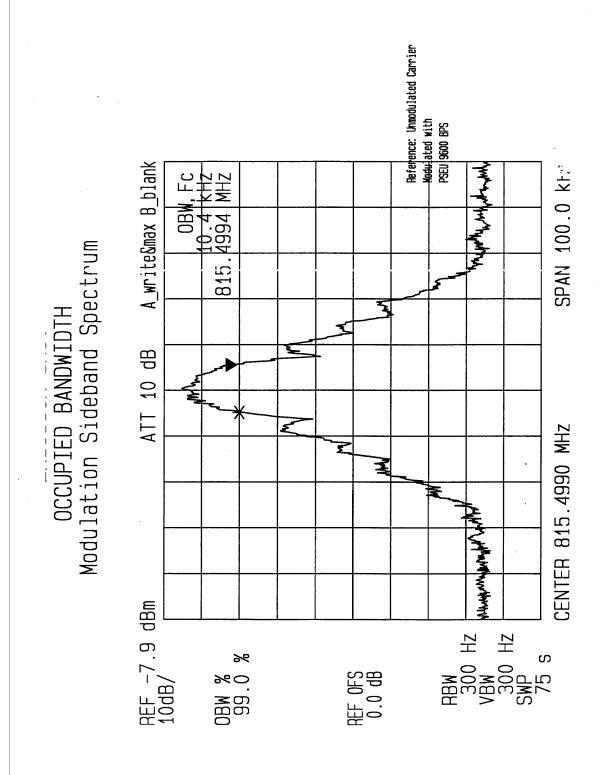


Referenced to the Unmodulated Carrier Modulated with 2500 Hz 50% DEV + 150 BPS

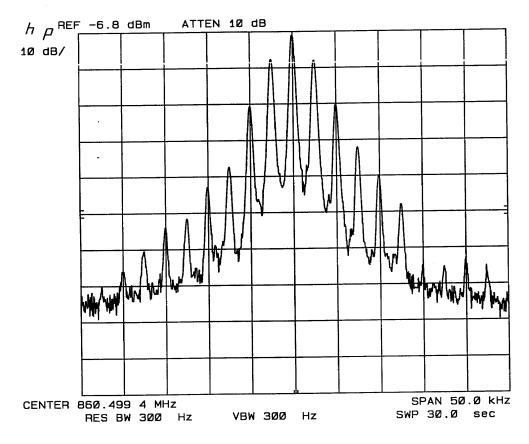




Referenced to the Unmodulated Carrier Modulated with PSEU 9600 BPS

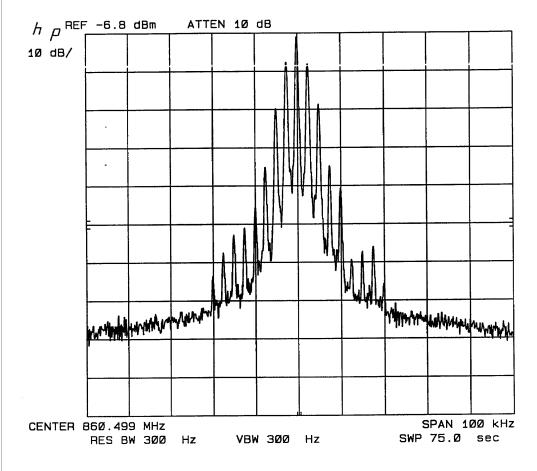


Modulation Sideband Spectrum



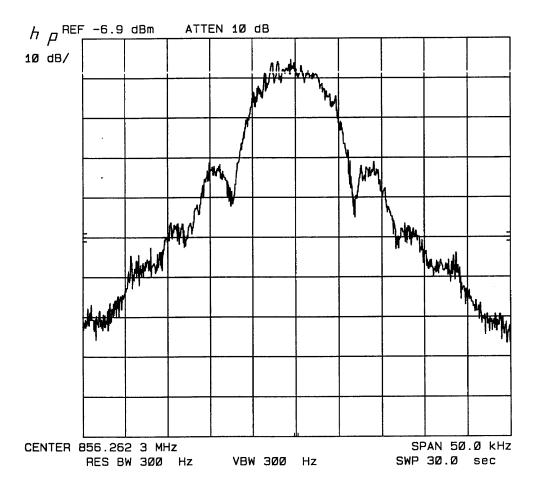
Referenced to the Unmodulated Carrier
Modulated with TALK -A-ROUND 2500 Hz 50% DEV



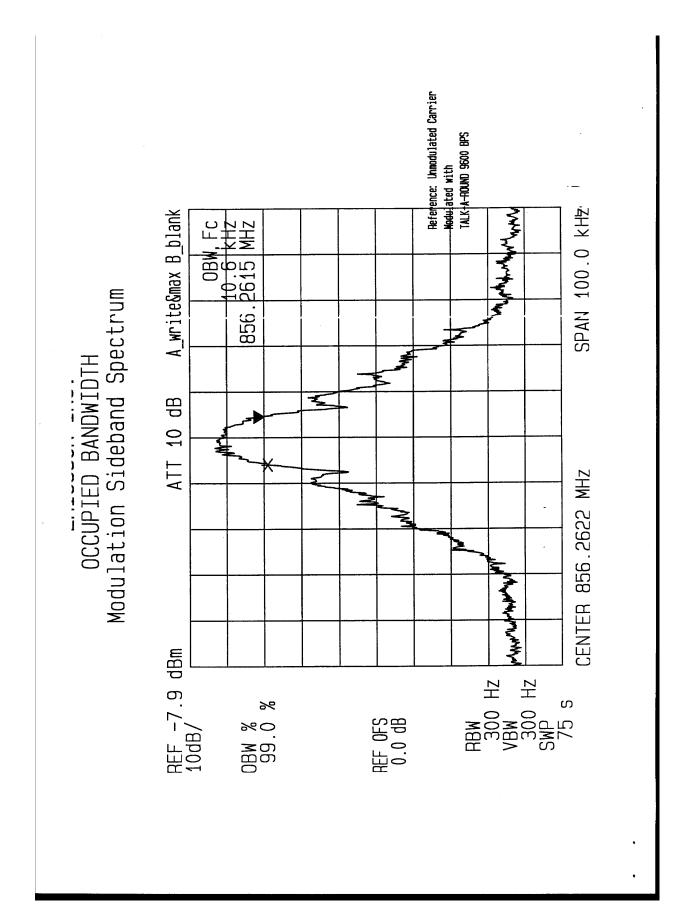


Referenced to the Unmodulated Carrier Modulated with TALK-A-ROUND 2500 Hz 50% DEV

Modulation Sideband Spectrum



Referenced to the Unmodulated Carrier Modulated with TALK-A-ROUND 9600 BPS



OCCUPIED BANDWIDTH

(FOR NPSPAC CHANNELIZATION)

Method of Measurement Per 2.1049 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 3, Page 20-23

Bn = 2M + 2DK where

M = 3000 Hz

Voice

D = 3500 Hz

K = 1 (assumed)

Bn = 13000 Hz

Therefore, Emission Designator = 13K0F3E

Section 3, Page 24,25

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

B = 9600bps

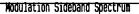
Data

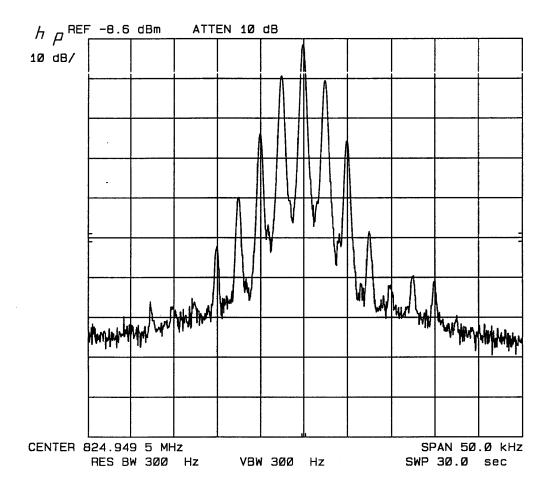
 $D=2600\;bps$

K=1 (assumed

Bn = 14800Hz

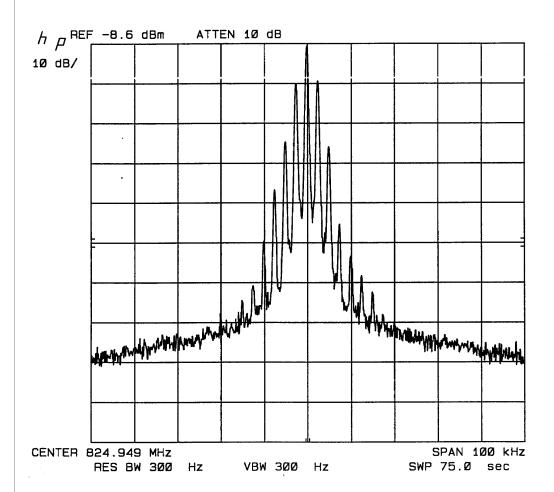
Therefore, Emission Designator=14K8F1D, 14K8F1E



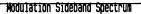


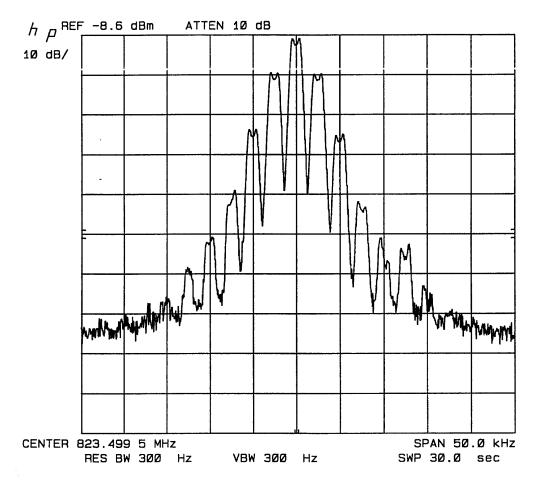
Referenced to the Unmodulated Carrier Modulated with NPSPAC 2500 Hz 50% DEV





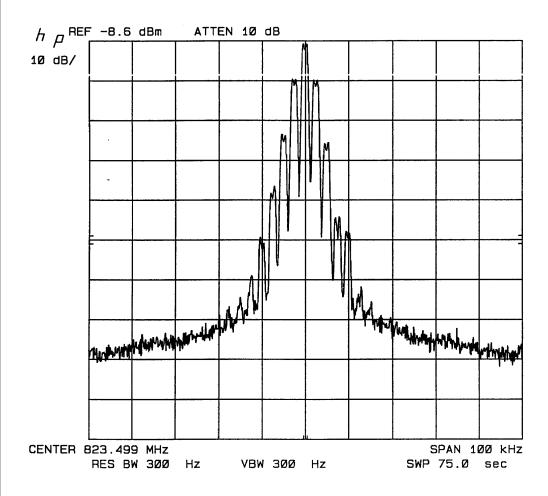
Referenced to the Unmodulated Carrier Modulated with NPSPAC 2500 Hz 50% DEV





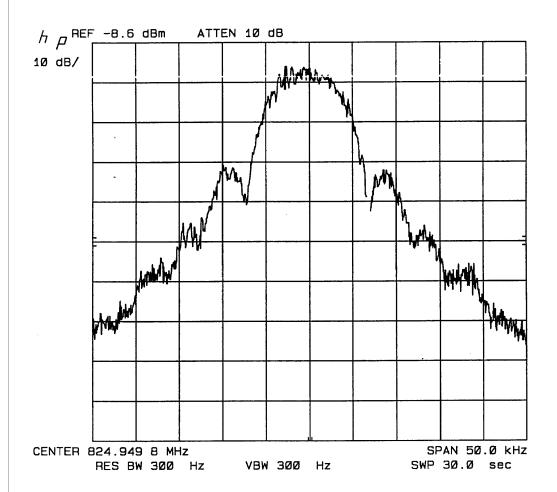
Referenced to the Unmodulated Carrier
Modulated with NPSPAC 2500 Hz 50% DEV 150 BPS

Modulation Sideband Spectrum

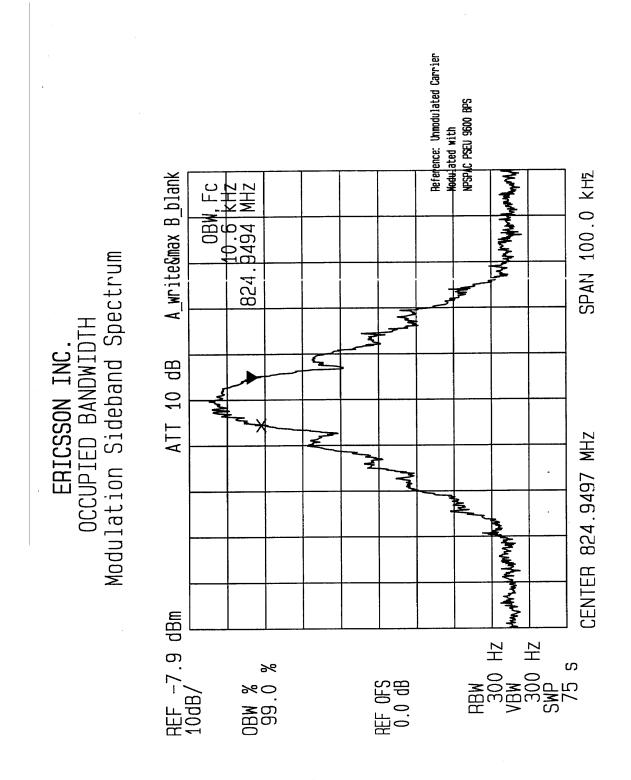


Referenced to the Unmodulated Carrier Modulated with NPSPAC 2500 HZ 50% DEV 150 BPS

Modulation Sideband Spectrum



Referenced to the Unmodulated Carrier Modulated with NPSPAC PSEU 9600 BPS



SPURIOUS EMISSIONS

Reference 2.1051 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 Conducted Emissions						
Page	Frequency Mhz	Power in Watts				
27	806.25 869.95	1&3				

Equipment used was:

Rohde & Schwarz ESMI

Reference 2.1053 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 filed with the FCC in Columbia, Maryland, in June of 1990 and with the Industry Canada in May of 1999. The measurement procedure is per TIA/EIA 603, but done on a three meter test site. Results are shown on the following exhibits

Tx Radiated Emissions					
Page	Frequency	Power in Watts			
28	806.25 869.95	1&3			

*SAME AS FOR 25 OR 12.5 kHz modes.

Transmitter Conducted

LIMITS: FCC = -20 dBm for 12.5 KHz -13 dBm for 25 KHz CEPT = <1 GHz = -36 dBm >1GHz = -30 dBm

Frequency = 806.025 MHz						
3 W	HIGH POWER		1 W	LOW P	OWER	
Freq	Raw Level in dBm	Spurious Level in dBm	Freq	Raw Level in dBm	Spurious Level in dBm	
1612.0500	-57.86	-27.33	1612.0500	-70.18	-39.63	
2418.0750	-64.54	-41.22	2418.0750	-81.05	-57.68	
3224.1000	-60.40	-42.19	3224.1000	-72.36	53.91	
4030.1250	-83.94	-52.73	4030.1250	-86.46	-56.82	
4836.1500	-84.65	-53.09	4836.1500	NONE	NONE	
5642.1750	NONE	NONE	5642.1750	NONE	NONE	
6448.2000	NONE	NONE	6448.2000	NONE	NONE	
7254.2250	NONE	NONE	7254.2250	NONE	NONE	
8060.2500	NONE	NONE	8060.2500	NONE	NONE	

Customer: Com-Net Ericssor
ID # OWDTR-0006-E

S/N: T1 800M33
Date: 8/30/99
NOTES:

Frequency = 869.95 MHz						
3 W	HIGH POWER		1 W	LOW P	OWER	
Freq	Raw Level in dBm	Spurious Level in dBm	Freq	Raw Level in dBm	Spurious Level in dBm	
1739.9000	-46.00	-33.75	1739.9000	-51.08	-38.91	
2609.8500	-62.59	-51.50	2609.8500	-74.13	-63.70	
3479.8000	-57.84	-41.90	3479.8000	-65.17	-49.40	
4349.7500	-66.37	-39.50	4349.7500	-80.20	-56.10	
5219.7000	-80.33	-49.30	5219.7000	-83.89	-52.80	
6089.6500	NONE	NONE	6089.6500	NONE	NONE	
6959.6000	NONE	NONE	6959.6000	NONE	NONE	
7829.5500	NONE	NONE	7829.5500	NONE	NONE	
8699.5000	NONE	NONE	8699.5000	NONE	NONE	

TRANSMITTER RADIATED

OWDTR-0006-E

S/N T1800M33

August 31, 1999

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 = 3.000	Watts at	806.025000	MHz	
Frequency			Measured	EDRP
MHz	Polariz	ation	dBm	dBm
1612.050000		_	-85.4	-52 9
2418.075000			-76.8	-40.0
3224.100000			-92.3	
4030.125000			-92.2	
10001110000			, , , ,	32.2
Carrier Power = 1.000	Watts at	806.025000	MHz	
1612.050000			-84.8	
2418.075000			-90.2	-53.4
3224.100000			-94.4	-53.9
4030.125000			-97.8	-56.8
Carrier Power = 3.000	Watts at	869.950000	MHz	
Frequency	λnten:	na	Measured	EDRP
	Polariz		dBm	dBm
PHIZ	TOTALIZA	acion	QDIII	abiii
1739.900000			-91.2	-57.9
2609.850000			-72.1	-34.2
3479.800000			-74.6	-34.1
4349.750000			-64.5	-22.2
Carrier Power = 1.000	Watts at	869.950000	MHz	
1739.800000			-92.6	-59.3
2609.850000			-78.1	
3479.800000			-76.8	-36.3
4349.750000			-83.5	
		-End of Repo		

FREQUENCY STABILITY

Par. 2.1055 variation of output frequency as a result of either temperature or voltage variation is reported in the graphs on the following sheets:

Page 30 Carrier Frequency Vs Temperature

Page 31 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

