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Before the

FEDERAL COMMUNICATIONS COMMISSION

Washington, D.C. 20554

In The Matter of	)	
	)	
Amendment of Section 73.202(b),	)	MM Docket 93-245
Table of Allotments,	)	
FM Broadcast Stations	)	RM-8316
(Hayneville, Alabama)	)	

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

To:
Chief, Allocations Branch
Policy and Rules Division
Mass Media Bureau

REQUEST FOR WITHDRAWAL (DISMISSAL) OF A PETITION FOR RULE MAKING

In the above captioned Docket, R. J. Miller ("Miller") has petitioned the Commission to allot channel 300A to Hayneville, Alabama, as that communities first local service. The Commission has issued a Notice of Proposed Rule Making (DA 93-1071) with the Comment Period ending November 15, 1993.

Due to extreme FAA and EMI problems associated with the allotment of channel 300A at Hayneville, Miller hereby in this Document is requesting that his original petition be dismissed. FCC and FAA consultants have advised Miller that even though the channel meets the Commission's allotment criteria, the proximity of the antenna to Danley Field could

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create problems that will require years to eliminate.

Therefore, Miller, in a separate document, is offering a counterproposal requesting the allocation of channel 246A as a method of providing a first local service to Hayneville while eliminating many potential aeronautical flight hindrances and EMI problems.

The attached engineering statement describes in detail the inherent aeronautical navigation, EMI and tower location problems Miller could expect to encounter if channel 300A were allocated to Hayneville.

CERTIFICATION OF EXPENSES

Miller hereby certifies that he has received no compensation for this request to dismiss the pending petition. Furthermore Miller has not been offered nor sought any reimbursement of expenses related to the proposed allocation of channel 300A to Hayneville. All expenses related to the initial Petition for Rule Making and the new Counterproposal have been paid personally by Miller.

CERTIFICATION

I, R. J. Miller, Petitioner for the allocation of a new FM broadcast service at Hayneville, AL do hereby verify that the statements contained in this Request for Dismissal of my pending Petition for Rule Making (MM Docket 93-245) are true and correct to the best of my knowledge and belief. I represent that this Request for Dismissal of the pending Petition for Rule Making is not filed for the purpose of impending, obstructing, or delaying determination on any other application or petition with which it may be in conflict.

Respectfully Submitted,

R. J. Miller

R. J. Miller, Individually

This 14TH Day of November, 1993

R. J. Miller, Individually
Route 1, Box 242
Letohatchee, AL 36047

ENGINEERING STATEMENT

In Support of a

REQUEST FOR DISMISSAL OF A PETITION FOR RULE MAKING

MM DOCKET 93-245, RM-8316

R. J. MILLER, INDIVIDUALLY

HISTORY

The instant engineering statement is submitted in support of a petition requesting the dismissal of a pending petition for rule making. In the above captioned Docket, R. J. Miller petitioned the Commission to allocate channel 300A to Hayneville as that community's first local service. However, subsequent studies by FAA consultants have determined that adequate antenna height cannot be obtained to provide city grade service to Hayneville when allocation coordinates inside the allocation area window are used. This is primarily due to the window being located across Danley Field, the Montgomery Municipal Airport. Two different studies determined that an antenna height of only 74.6 meters could be used in any fully spaced site. This created a city grade contour approximately 14.8 kilometers or 1.5 kilometers short of the Hayneville reference coordinates.

Since channel 300 (107.9 Mhz) is adjacent to the aeronautical communications band, a detailed electromagnetic interference study was conducted. FAA Consultant John P. Allen determined that numerous EMI problems would exist if channel 300A were allocated to Hayneville. This interference involved both existing and proposed FM service in the Montgomery area. A copy of the Allen study is included as Exhibit E, figure 1.

Exhibit E, figure 2 is a portion of an Atlanta aeronautical aviation sectional map that relates to the Danley Field area. The channel 300A allocation window at Hayneville was plotted by computer. This depicts that the available area for an antenna is in the immediate area of Danley Field, and limits the antenna HAAT to no more than 74.6 Meters.

Miller concluded that while channel 300A appeared to meet all of the Commission's minimum distance separation requirements, the FAA data indicated that this channel could never operate when allocated to Hayneville. Therefore, due to FAA antenna height problems and EMI over which Miller could exercise no control, he is withdrawing his petition for the allocation of channel 300A at Hayneville and respectfully requesting the substitution of channel 246A in a separate but simultaneously filed counterproposal.

CERTIFICATION

I, Paul Reynolds, hereby certify the following: that I am an independent broadcast consultant; that I hold a Bachelor of Science degree in Communications from the University of Southern Mississippi and have completed work for a Masters Degree in Communications from the University of Alabama; I have been a practicing consultant since 1980, and I am familiar with the Commission's rules and regulations; I have filed numerous petitions and applications in association with Amerimedia, Inc., and my qualifications are known in the industry and at the Commission; I have been retained by R. J. Miller to prepare this Engineering Statement in support of a "Request for dismissal of a Petition for Rule Making" in MM Docket 93-245.

All information in this engineering statement was prepared by me or under my direct supervision. I declare under penalty of perjury that the foregoing is true and correct to the best of my knowledge.

Signed Paul Reynolds
PAUL REYNOLDS, CONSULTANT

THIS 14TH DAY OF NOVEMBER, 1993

415 NORTH COLLEGE STREET
GREENVILLE, ALABAMA 36037
(205) 382-8048

PRINT DATE: 11-12-1993 13:18:28 RFI .PRT 93-JPA-111293

Airspace case #: 93-JPA-111293 Site: TEST - GENERIC ANTENNA
Date: 111293
Navaid Identifier: DLV
Navaid Frequency (MHz): 108.50

Navaid Latitude: 32. 18 9
Navaid Longitude: 86. 24 52

Runway Heading (True): 266.0
Runway Elevation (Ft. MSL): 233.
Runway Length (Ft): 9001.

Prop Stat	ID	Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
	1	NEWx	88.30	32. 8 30	86. 44 43	53.000	1650.	19.37	60.12	A
	2	WLBF	89.10	32. 24 13	86. 11 50	100.000	745.	12.57	241.15	L
	3	WTSU	89.90	32. 3 33	86. 1 22	100.000	974.	24.67	306.28	L
	4	WVAS	90.70	32. 21 58	86. 17 40	80.000	535.	7.18	237.90	C
	5	WVAS	90.70	32. 29 31	86. 8 48	25.000	869.	17.70	230.04	L
	6	WLWI	92.30	32. 24 11	86. 11 48	100.000	1302.	12.58	241.34	L
	7	NEW-	93.50	32. 20 6	86. 17 16	.021	505.	6.71	253.11	A
	8	WSFU	94.10	32. 5 46	85. 48 16	3.000	673.	33.35	291.79	L
	9	WQZX	94.30	31. 54 40	86. 36 19	1.750	801.	25.41	22.44	L
	10	WXFX	95.10	32. 28 1	86. 24 15	50.000	735.	9.88	183.02	L
	11	WKXN	95.90	31. 50 43	86. 38 56	4.000	630.	29.91	23.48	L
	12	WBIL	95.90	32. 28 17	85. 34 28	4.300	764.	43.75	256.61	L
	13	WLNE	96.10	32. 22 3	86. 15 42	.900	1004.	8.67	243.27	L
	14	WMCZ	97.10	32. 25 58	86. 20 7	3.000	525.	8.79	207.17	L
	15	NEWx	97.90	32. 27 8	86. 10 36	3.000	554.	15.03	233.29	A
	16	NEWx	97.90	32. 27 46	86. 9 23	3.000	568.	16.23	233.67	A
	17	NEWx	97.90	32. 28 7	86. 9 35	3.000	561.	16.31	232.32	A
	18	NEWx	97.90	32. 32 11	86. 11 32	1.300	630.	17.99	218.73	A
	19	WBAM	98.90	32. 24 11	86. 11 48	100.000	1302.	12.58	241.34	L
	20	WACQ	99.90	32. 26 30	85. 47 45	2.950	748.	32.44	255.09	C
	21	NEW-	100.30	32. 22 52	86. 17 30	.010	712.	7.81	232.85	A
	22	WALX	100.90	32. 21 40	86. 52 28	50.000	663.	23.58	98.57	L
	23	WHHY	101.90	32. 24 11	86. 11 48	100.000	1302.	12.58	241.34	L
	24	WSYA	103.30	32. 24 11	86. 11 48	100.000	1302.	12.58	241.34	L
	25	WDHT	104.30	32. 6 15	86. 11 10	51.000	1621.	16.61	315.75	A
	26	W285	104.90	32. 22 0	86. 17 9	.080	190.	7.57	239.44	L
	27	WZHT	105.70	31. 58 32	86. 9 46	100.000	2228.	23.42	326.90	L
	28	W296	107.10	32. 22 0	86. 17 9	.080	190.	7.57	239.44	L
*	29	PROP	107.90	32. 15 10	86. 25 56	6.000	534.	3.12	16.82	
	30	VTOI	110.00	31. 49 45	86. 6 0	.050	361.	32.59	330.62	V
	31	VMGM	112.10	32. 13 20	86. 19 11	.050	210.	6.80	315.07	V
	32	VCAQ	114.90	32. 20 41	86. 59 30	.050	183.	29.38	94.95	V
	33	VTGE	117.30	32. 29 3	85. 40 18	.050	278.	39.18	253.85	V

EXHIBIT E
Figure 1

EXHIBIT E, FIGURE 1 - NEXT 16 PAGES

Interference thresholds are computed for receiver locations based on calculated field strength for a 8-Element Traveling Wave localizer array.

Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts
107.90	(29)	PROP	.60	43

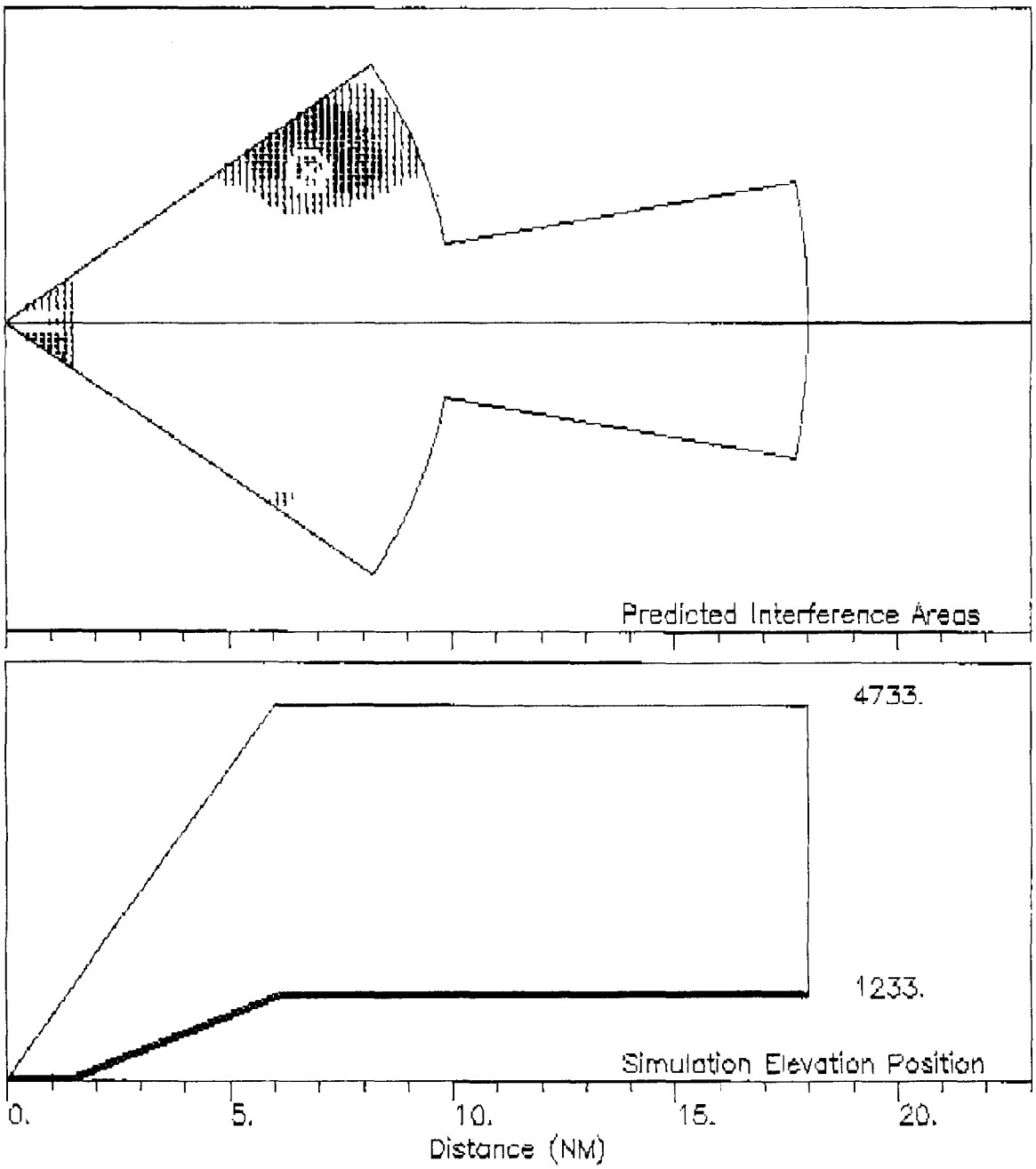
Listing of 2-frequency intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

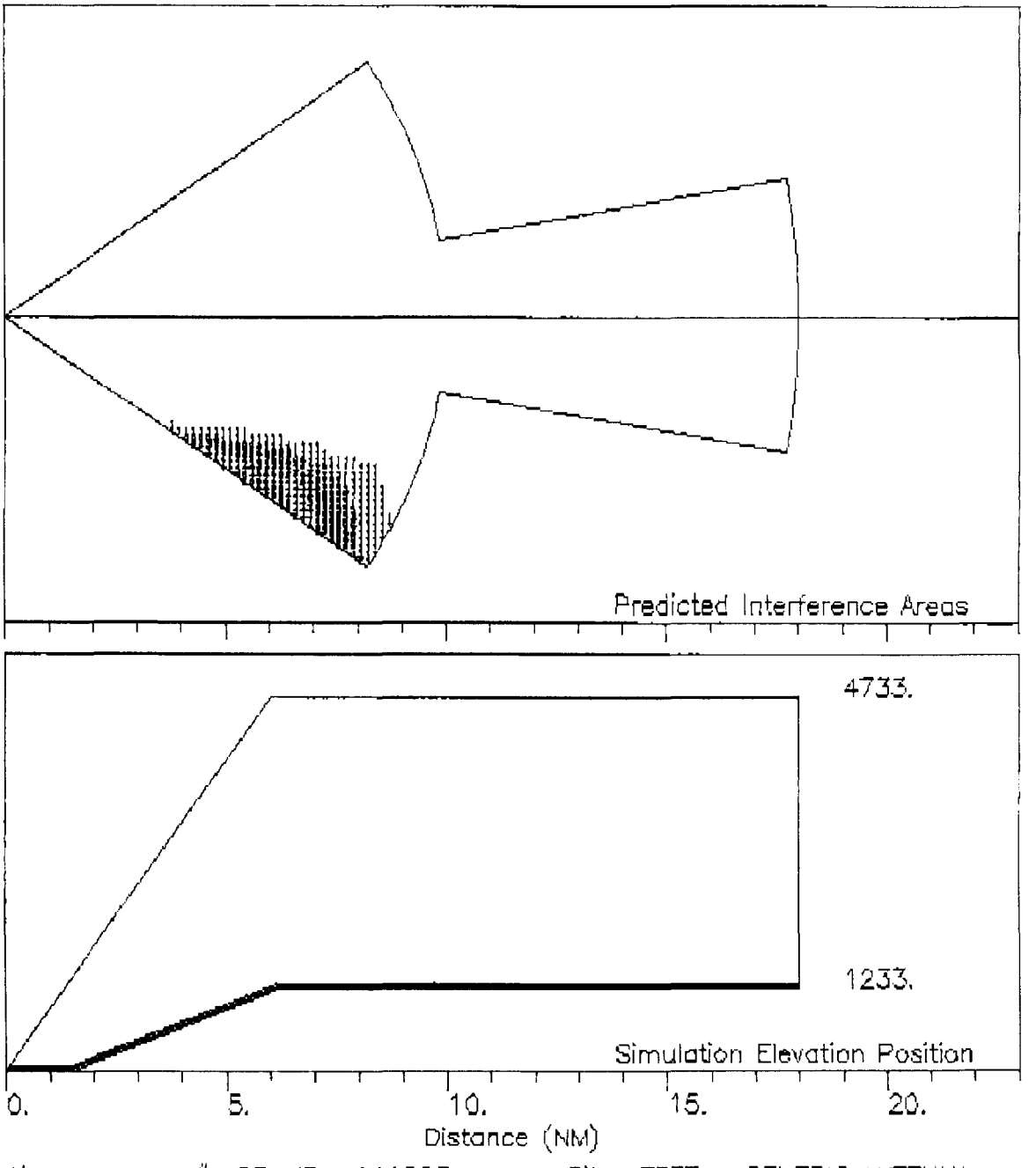
No 2-frequency intermodulation interference found.

Listing of 3-frequency intermodulation (B1) combinations

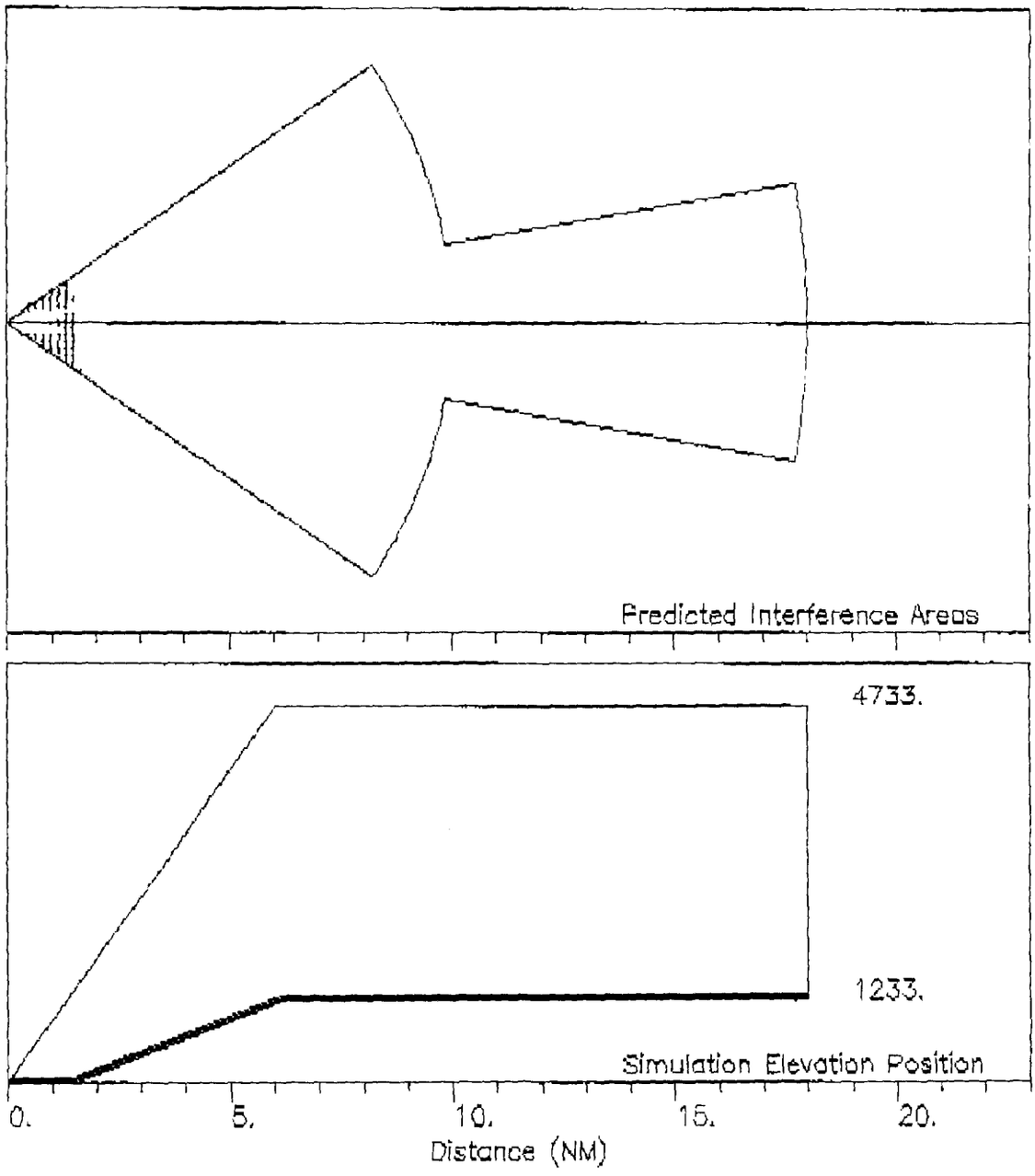
Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts
112.10	(31)	VMGM	107.90	(29)	PROP	104.30	(25)	WDHT	108.50	0	262
107.90	(29)	PROP	104.90	(26)	W285	104.30	(25)	WDHT	108.50	0	337



Airspace case #: 93—JPA—111293 Site: TEST — GENERIC ANTENNA
Date: 111293 Plot filename: DT_OQ_OP.plt Service Volume Bottom
Intermod (B1) plot: PROP (29), W285 (26), & WDHT (25)
Frequencies: PROP = 107.90 MHz W285 = 104.90 MHz WDHT = 104.30 MHz
Navaid: DLV Frequency: 108.50 MHz Elevation (Ft. MSL): 233.
Runway heading: 266.0



Airspace case #: 93-JPA-111293 Site: TEST - GENERIC ANTENNA
Date: 111293 Plot filename: OV_OT_OP.plt Service Volume Bottom
Intermod (B1) plot: VMGM (31), PROP (29), & WDHT (25)
Frequencies: VMGM = 112.10 MHz PROP = 107.90 MHz WDHT = 104.30 MHz
Navaid: DLV Frequency: 108.50 MHz Elevation (Ft. MSL): 233.
Runway heading: 266.0



Airspace case #: 93-JPA-111293 Site: TEST - GENERIC ANTENNA
Date: 111293 Plot filename: OT__a2b2.plt Service Volume Bottom
Adjacent Channel (A2) plot: PROP (29)
Frequency: PROP = 107.90 MHz
Navaid: DLV Frequency: 108.50 MHz Elevation (Ft. MSL): 233.
Runway heading: 266.0

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Airspace case #: 93-JPA-111293 Site: TEST - GENERIC ANTENNA
Date: 111293
Navaid Identifier: TOI
Navaid Frequency (MHz): 108.90

Navaid Latitude: 31. 51 47
Navaid Longitude: 86. 0 25

Runway Heading (True): 60.0
Runway Elevation (Ft. MSL): 394.
Runway Length (Ft): 5010.

Prop Stat	ID	Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
	1	NEWx	88.30	32. 8 30	86. 44 43	53.000	1650.	41.12	113.99	A
	2	WTSU	89.90	32. 3 33	86. 1 22	100.000	974.	11.79	176.08	L
	3	W213	90.50	31. 18 29	85. 49 57	.095	384.	34.47	345.01	C
	4	WVAS	90.70	32. 21 58	86. 17 40	80.000	535.	33.53	154.17	C
	5	W218	91.50	31. 18 28	86. 28 54	.027	440.	41.22	36.07	C
	6	W219	91.70	31. 36 42	85. 39 42	.038	518.	23.19	310.57	C
	7	WJIF	91.90	31. 15 50	86. 13 26	.380	440.	37.62	17.15	L
	8	NEW-	93.50	32. 20 6	86. 17 16	.021	505.	31.71	153.25	A
	9	WSFU	94.10	32. 5 46	85. 48 16	3.000	673.	17.37	216.39	L
	10	WQZX	94.30	31. 54 40	86. 36 19	1.750	801.	30.62	95.40	L
	11	NEWx	94.70	31. 40 30	85. 49 12	.940	971.	14.77	319.80	A
	12	NEWx	94.70	31. 44 59	85. 52 14	3.000	738.	9.73	314.36	A
	13	NEWx	94.70	31. 45 31	85. 53 49	1.250	899.	8.41	318.17	A
	14	WKXN	95.90	31. 50 43	86. 38 56	4.000	630.	32.73	88.13	L
	15	WLNE	96.10	32. 22 3	86. 15 42	.900	1004.	32.92	156.84	L
	16	WZTZ	101.10	31. 24 41	85. 57 32	.640	1001.	27.21	354.82	L
	17	WAMI	102.30	31. 18 54	86. 15 45	3.400	554.	35.38	21.66	L
	18	WAAO	103.70	31. 20 27	86. 28 2	3.000	610.	39.18	36.90	L
	19	WDHT	104.30	31. 39 58	86. 13 43	3.000	643.	16.36	43.74	C
	20	WDHT	104.30	32. 6 15	86. 11 10	51.000	1621.	17.10	147.78	A
	21	WOAB	104.90	31. 27 19	85. 40 58	2.500	584.	29.54	325.92	L
	22	W285	104.90	32. 22 0	86. 17 9	.080	190.	33.38	154.87	L
	23	WZHT	105.70	31. 58 32	86. 9 46	100.000	2228.	10.42	130.38	L
	24	WKMX	106.70	31. 24 41	85. 57 32	100.000	1385.	27.21	354.82	L
	25	W296	107.10	32. 22 0	86. 17 9	.080	190.	33.38	154.87	L
	26	W298	107.50	31. 17 54	85. 49 41	.250	433.	35.10	344.90	L
	27	W298	107.50	31. 27 32	85. 39 37	.120	417.	30.03	323.87	C
	28	WWGA	107.70	31. 38 55	86. 45 18	6.000	623.	40.27	71.37	C
*	29	PROP	107.90	32. 15 10	86. 25 56	6.000	534.	31.85	137.24	
	30	VTOI	110.00	31. 49 45	86. 6 0	.050	361.	5.16	66.79	V
	31	Vxxx	110.20	31. 18 35	86. 24 5	.050	319.	38.84	31.27	V
	32	VMGM	112.10	32. 13 20	86. 19 11	.050	210.	26.79	143.57	V
	33	VEDN	116.60	31. 16 15	85. 54 15	.050	358.	35.92	351.59	V

Interference thresholds are computed for receiver locations based on calculated field strength for a 8-Element Traveling Wave localizer array.

Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts

No A2/B2 points found.

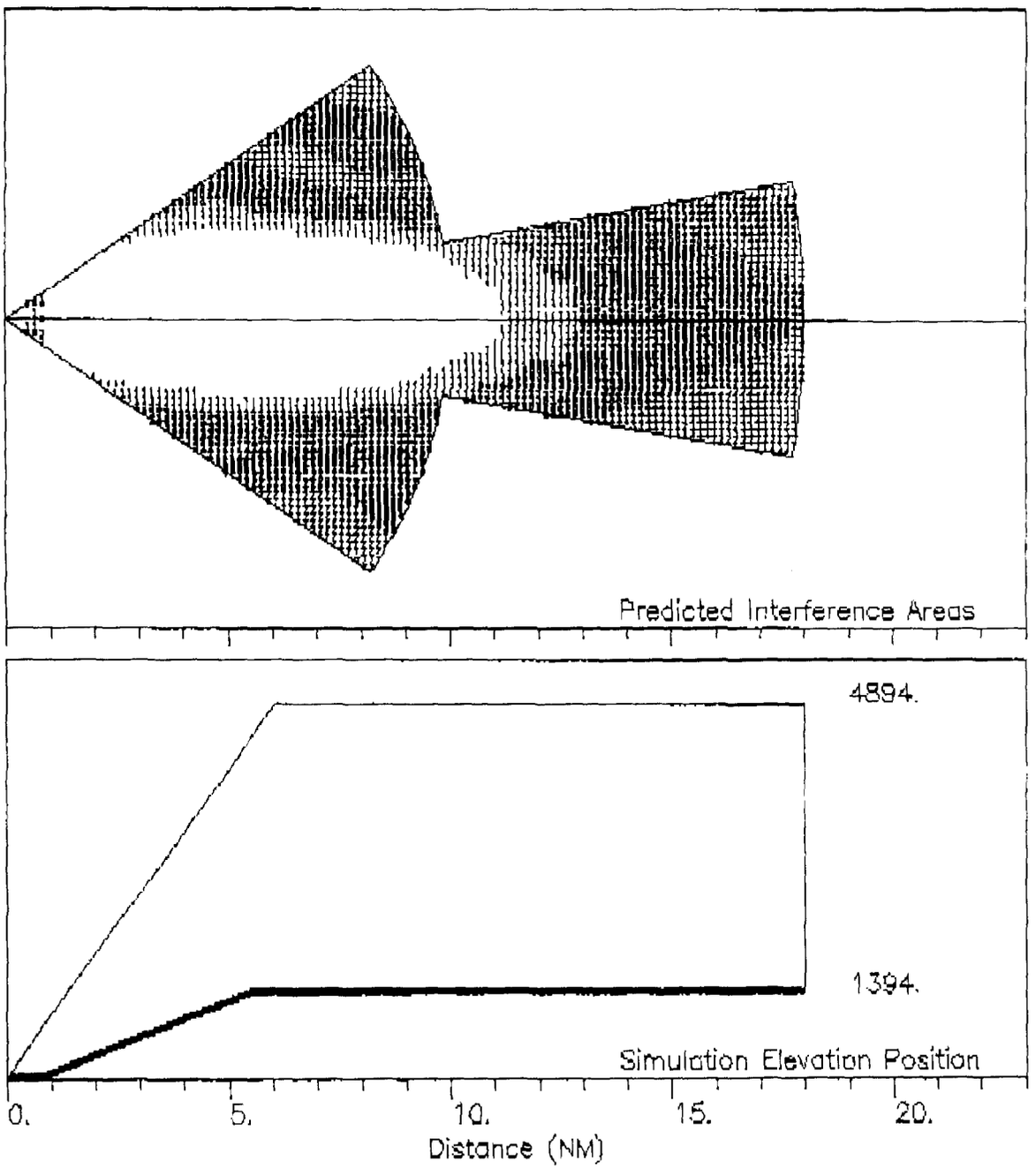
Listing of 2-frequency intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

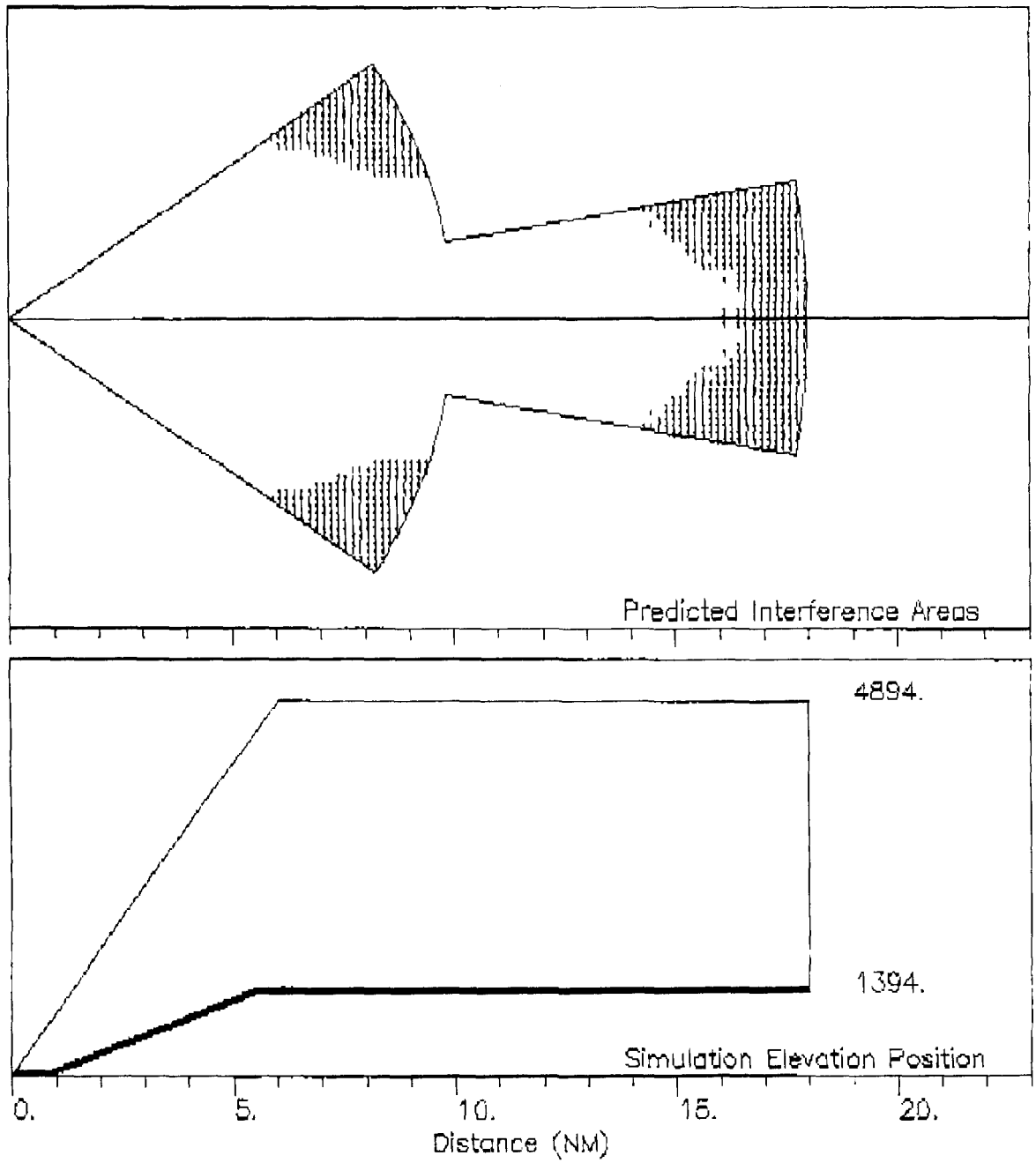
No 2-frequency intermodulation interference found.

Listing of 3-frequency intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts
107.90	(29)	PROP	107.70	(28)	WWGA	106.70	(24)	WKMX	108.90	0	872
107.90	(29)	PROP	106.70	(24)	WKMX	105.70	(23)	WZHT	108.90	0	2528



Airspace case #: 93-JPA-111293 Site: TEST - GENERIC ANTENNA
Date: 111293 Plot filename: OT_00_ON.plt Service Volume Bottom
Intermod (B1) plot: PROP (29), WKMX (24), & WZHT (23)
Frequencies: PROP = 107.90 MHz WKMX = 106.70 MHz WZHT = 105.70 MHz
Navaid: TOI Frequency: 108.90 MHz Elevation (Ft. MSL): 394.
Runway heading: 60.0



Airspace case #: 93-JPA-111293 Site: TEST – GENERIC ANTENNA
Date: 111293 Plot filename: OT_OS_00.plt Service Volume Bottom
Intermod (B1) plot: PROP (29), WWGA (28), & WKMX (24)
Frequencies: PROP = 107.90 MHz WWGA = 107.70 MHz WKMX = 106.70 MHz
Navaid: TOI Frequency: 108.90 MHz Elevation (Ft. MSL): 394.
Runway heading: 60.0

PRINT DATE: 11-12-1993 13:26:26 RFI .PRT 93-JPA-111293

Airspace case #: 93-JPA-111293 Site: TEST - GENNERIC ANTENNA
Date: 111293
Navaid Identifier: MXF
Navaid Frequency (MHz): 109.30

Navaid Latitude: 32. 22 21
Navaid Longitude: 86. 21 29

Runway Heading (True): 148.0
Runway Elevation (Ft. MSL): 148.
Runway Length (Ft): 7000.

Prop Stat	ID	Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
	1	NEWx	88.30	32. 8 30	86. 44 43	53.000	1650.	24.04	54.82	A
	2	WLBF	89.10	32. 24 13	86. 11 50	100.000	745.	8.36	257.10	L
	3	WTSU	89.90	32. 3 33	86. 1 22	100.000	974.	25.36	317.85	L
	4	WVAS	90.70	32. 21 58	86. 17 40	80.000	535.	3.25	276.78	C
	5	WVAS	90.70	32. 29 31	86. 8 48	25.000	869.	12.88	236.20	L
	6	NEW-	91.10	32. 26 43	87. 2 0	.045	322.	34.48	97.27	A
	7	WLWI	92.30	32. 24 11	86. 11 48	100.000	1302.	8.38	257.36	L
	8	NEW-	93.50	32. 20 6	86. 17 16	.021	505.	4.21	302.28	A
	9	WQZX	94.30	31. 54 40	86. 36 19	1.750	801.	30.40	24.40	L
	10	W232	94.30	32. 26 43	87. 2 0	.410	322.	34.48	97.27	L
	11	WXFX	95.10	32. 28 1	86. 24 15	50.000	735.	6.13	157.60	L
	12	WLNE	96.10	32. 22 3	86. 15 42	.900	1004.	4.89	273.52	L
	13	WMCZ	97.10	32. 25 58	86. 20 7	3.000	525.	3.80	197.69	L
	14	WEZZ	97.70	32. 50 8	86. 40 49	3.000	850.	32.21	149.62	L
	15	NEWx	97.90	32. 27 8	86. 10 36	3.000	554.	10.36	242.50	A
	16	NEWx	97.90	32. 27 46	86. 9 23	3.000	568.	11.56	242.06	A
	17	NEWx	97.90	32. 28 7	86. 9 35	3.000	561.	11.58	240.14	A
	18	NEWx	97.90	32. 32 11	86. 11 32	1.300	630.	12.93	220.49	A
	19	WBAM	98.90	32. 24 11	86. 11 48	100.000	1302.	8.38	257.36	L
	20	WACQ	99.90	32. 26 30	85. 47 45	.000	0.	28.78	261.71	A
	21	WACQ	99.90	32. 26 30	85. 47 45	2.950	748.	28.78	261.71	C
	22	WDXX	100.10	32. 26 2	87. 0 40	50.000	456.	33.29	96.35	L
	23	NEW-	100.30	32. 22 52	86. 17 30	.010	712.	3.40	261.27	A
	24	WALX	100.90	32. 21 40	86. 52 28	50.000	663.	26.18	88.50	L
	25	WHHY	101.90	32. 24 11	86. 11 48	100.000	1302.	8.38	257.36	L
	26	WSYA	103.30	32. 24 11	86. 11 48	100.000	1302.	8.38	257.36	L
	27	WDHT	104.30	32. 6 15	86. 11 10	51.000	1621.	18.31	331.54	A
	28	W285	104.90	32. 22 0	86. 17 9	.080	190.	3.68	275.47	L
	29	WZHT	105.70	31. 58 32	86. 9 46	100.000	2228.	25.80	337.39	L
	30	W296	107.10	32. 22 0	86. 17 9	.080	190.	3.68	275.47	L
*	31	PROP	107.90	32. 15 10	86. 25 56	6.000	534.	8.11	27.63	
	32	VMGM	112.10	32. 13 20	86. 19 11	.050	210.	9.22	347.83	V
	33	VCAQ	114.90	32. 20 41	86. 59 30	.050	183.	32.16	87.03	V

Interference thresholds are computed for receiver locations based on calculated field strength for a GRN-29 L.P.D. localizer array.

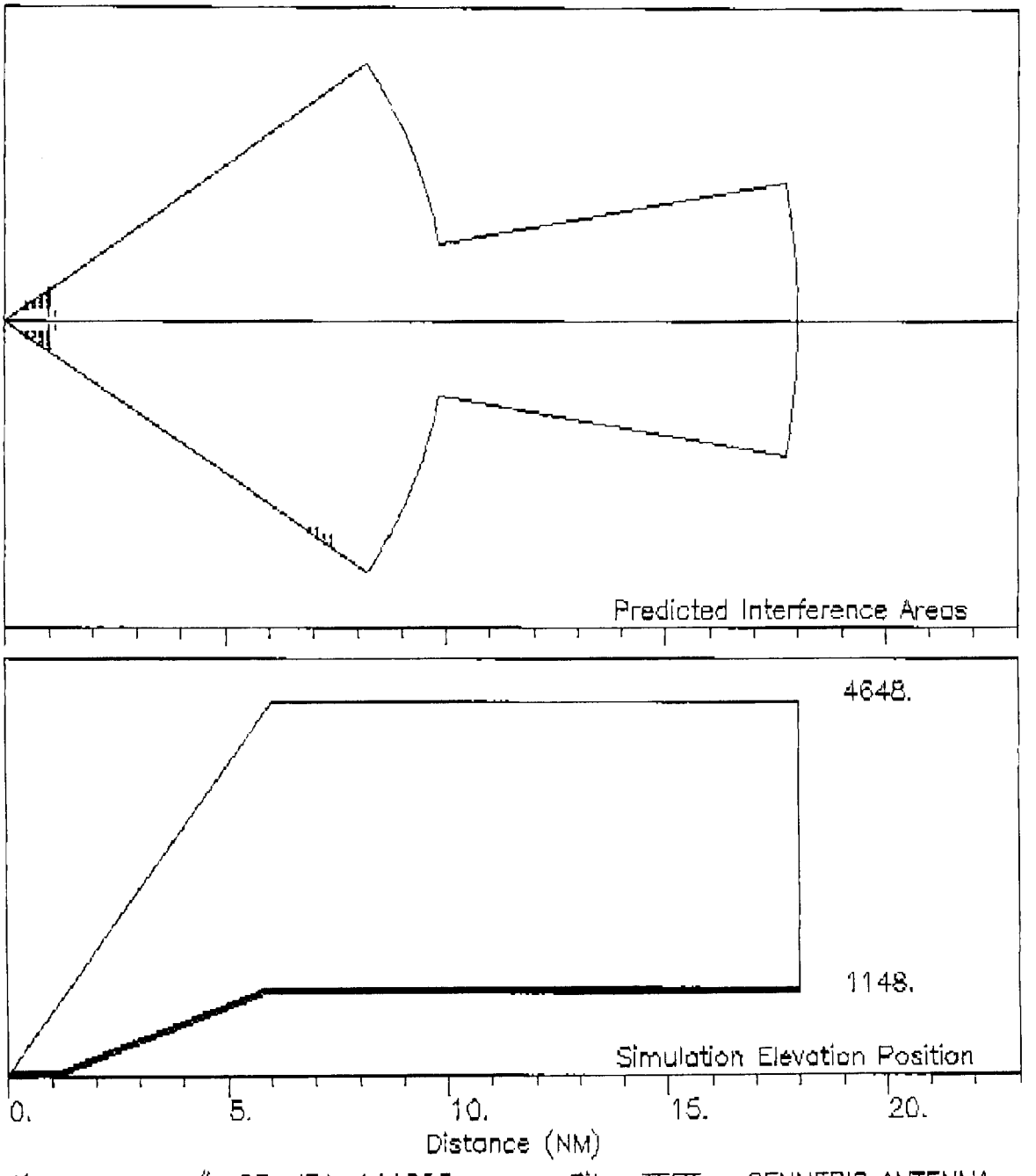
Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts

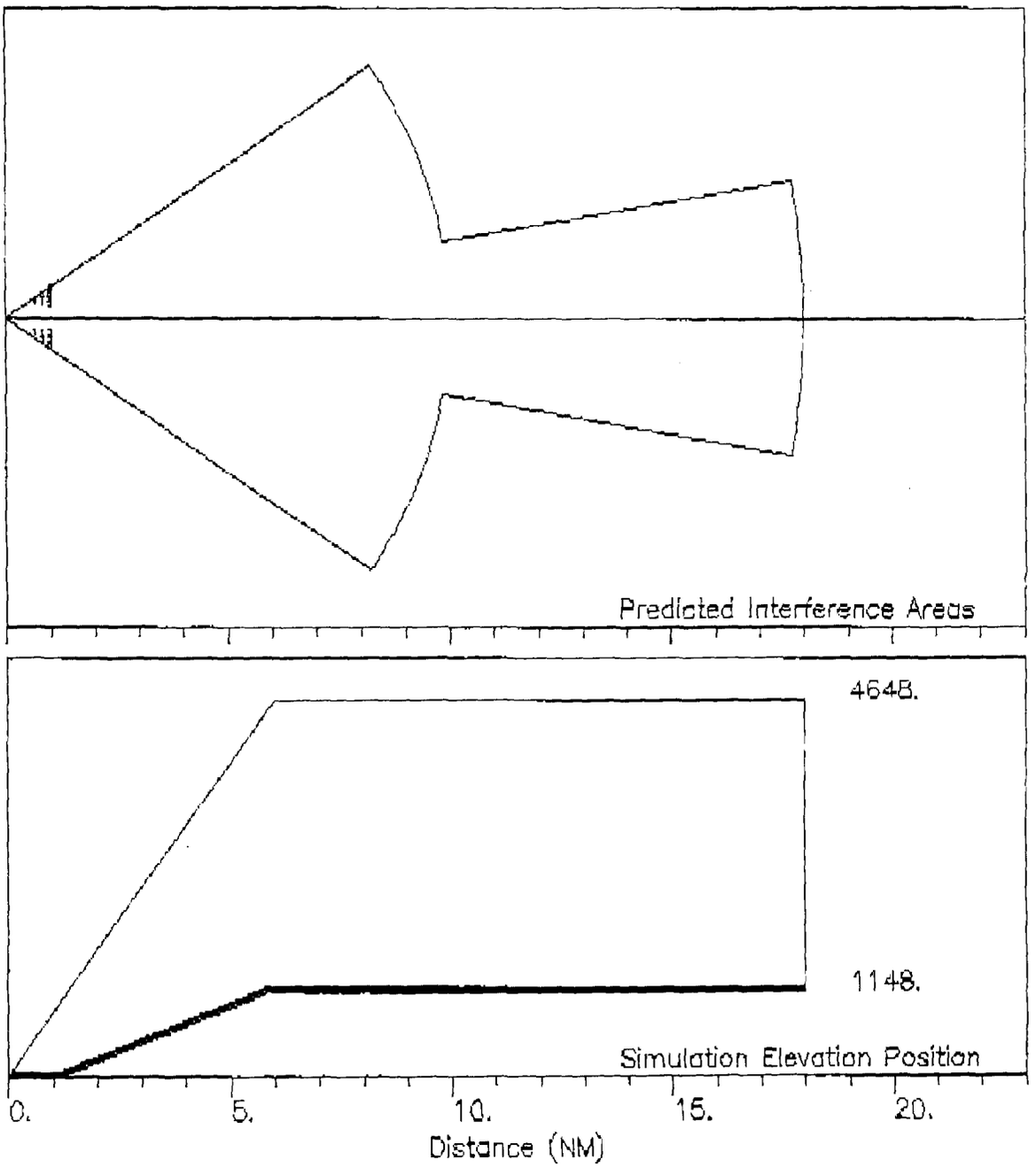
No A2/B2 points found.

Listing of 3-frequency intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts
107.90	(31)	PROP	105.70	(29)	WZHT	104.30	(27)	WDHT	109.30	0	12
107.90	(31)	PROP	103.30	(26)	WSYA	101.90	(25)	WHHY	109.30	0	24



Airspace case #: 93-JPA-111293 Site: TEST - GENNERIC ANTENNA
Date: 111293 Plot filename: OV_OQ_OP.plt Service Volume Bottom
Intermod (B1) plot: PROP (31), WSYA (26), & WHHY (25)
Frequencies: PROP = 107.90 MHz WSYA = 103.30 MHz WHHY = 101.90 MHz
Navaid: MXF Frequency: 109.30 MHz Elevation (Ft. MSL): 148.
Runway heading: 148.0



Airspace case #: 93-JPA-111293 Site: TEST - GENNERIC ANTENNA
Date: 111293 Plot filename: OV_OT_OR.plt Service Volume Bottom
Intermod (81) plot: PROP (31), WZHT (29), & WDHT (27)
Frequencies: PROP = 107.90 MHz WZHT = 105.70 MHz WDHT = 104.30 MHz
Navaid: MXF Frequency: 109.30 MHz Elevation (Ft. MSL): 148.
Runway heading: 148.0

Airspace case #: 93-JPA-111293 Site: TEST - GENERIC ANTENNA
Date: 111293
Navaid Identifier: MGM
Navaid Frequency (MHz): 109.90

Navaid Latitude: 32. 17 58
Navaid Longitude: 86. 22 38

Runway Heading (True): 96.0
Runway Elevation (Ft. MSL): 210.
Runway Length (Ft): 9001.

Prop Stat	ID	Call	Freq (MHz)	Latitude	Longitude	ERP (Kw)	Height (MSL)	Range (NM)	Radial (True)	Lic Stat
	1	NEWx	88.30	32. 8 30	86. 44 43	53.000	1650.	20.94	63.13	A
	2	NEWx	88.30	32. 9 16	86. 46 37	100.000	0.	22.08	66.79	A
	3	WLBF	89.10	32. 24 13	86. 11 50	100.000	745.	11.06	235.59	L
	4	WTSU	89.90	32. 3 33	86. 1 22	100.000	974.	23.06	308.69	L
	5	WVAS	90.70	32. 21 58	86. 17 40	80.000	535.	5.80	226.37	C
	6	WVAS	90.70	32. 29 31	86. 8 48	25.000	869.	16.43	225.32	L
	7	NEW-	91.10	32. 26 43	87. 2 0	.045	322.	34.38	104.74	A
	8	WLWI	92.30	32. 24 11	86. 11 48	100.000	1302.	11.06	235.81	L
	9	NEW-	93.50	32. 20 6	86. 17 16	.021	505.	5.01	244.81	A
	10	WQZX	94.30	31. 54 40	86. 36 19	1.750	801.	26.02	26.45	L
	11	W232	94.30	32. 26 43	87. 2 0	.410	322.	34.38	104.74	L
	12	WXFX	95.10	32. 28 1	86. 24 15	50.000	735.	10.14	172.26	L
	13	WKXN	95.90	31. 50 43	86. 38 56	4.000	630.	30.55	26.88	L
	14	WLNE	96.10	32. 22 3	86. 15 42	.900	1004.	7.14	235.12	L
	15	WMCZ	97.10	32. 25 58	86. 20 7	3.000	525.	8.28	194.88	L
	16	WJAM	97.30	32. 21 38	87. 9 12	3.700	564.	39.52	95.32	C
	17	WEZZ	97.70	32. 50 8	86. 40 49	3.000	850.	35.63	154.53	L
	18	NEWx	97.90	32. 27 8	86. 10 36	3.000	554.	13.69	227.95	A
	19	NEWx	97.90	32. 27 46	86. 9 23	3.000	568.	14.87	228.79	A
	20	NEWx	97.90	32. 28 7	86. 9 35	3.000	561.	14.98	227.35	A
	21	NEWx	97.90	32. 32 11	86. 11 32	1.300	630.	17.03	213.39	A
	22	WBAM	98.90	32. 24 11	86. 11 48	100.000	1302.	11.06	235.81	L
	23	WDXX	100.10	32. 26 2	87. 0 40	50.000	456.	33.12	104.10	L
	24	NEW-	100.30	32. 22 52	86. 17 30	.010	712.	6.54	221.51	A
	25	WALX	100.90	32. 21 40	86. 52 28	50.000	663.	25.48	98.35	L
	26	WHHY	101.90	32. 24 11	86. 11 48	100.000	1302.	11.06	235.81	L
	27	WSYA	103.30	32. 24 11	86. 11 48	100.000	1302.	11.06	235.81	L
	28	WDHT	104.30	32. 6 15	86. 11 10	51.000	1621.	15.21	320.37	A
	29	W285	104.90	32. 22 0	86. 17 9	.080	190.	6.14	228.96	L
	30	WVCA	105.30	32. 17 14	87. 14 38	50.000	633.	43.96	89.04	C
	31	WZHT	105.70	31. 58 32	86. 9 46	100.000	2228.	22.28	330.72	L
	32	W296	107.10	32. 22 0	86. 17 9	.080	190.	6.14	228.96	L
*	33	PROP	107.90	32. 15 10	86. 25 56	6.000	534.	3.95	44.90	
	34	VMGM	112.10	32. 13 20	86. 19 11	.050	210.	5.48	327.81	V
	35	VCAQ	114.90	32. 20 41	86. 59 30	.050	183.	31.27	94.98	V

Interference thresholds are computed for receiver locations based on calculated field strength for a 15-Element V-Ring localizer array.

Listing of A2/B2 Evaluations

Freq (MHz)	ID	Call	Offset (MHz)	#Pts

No A2/B2 points found.

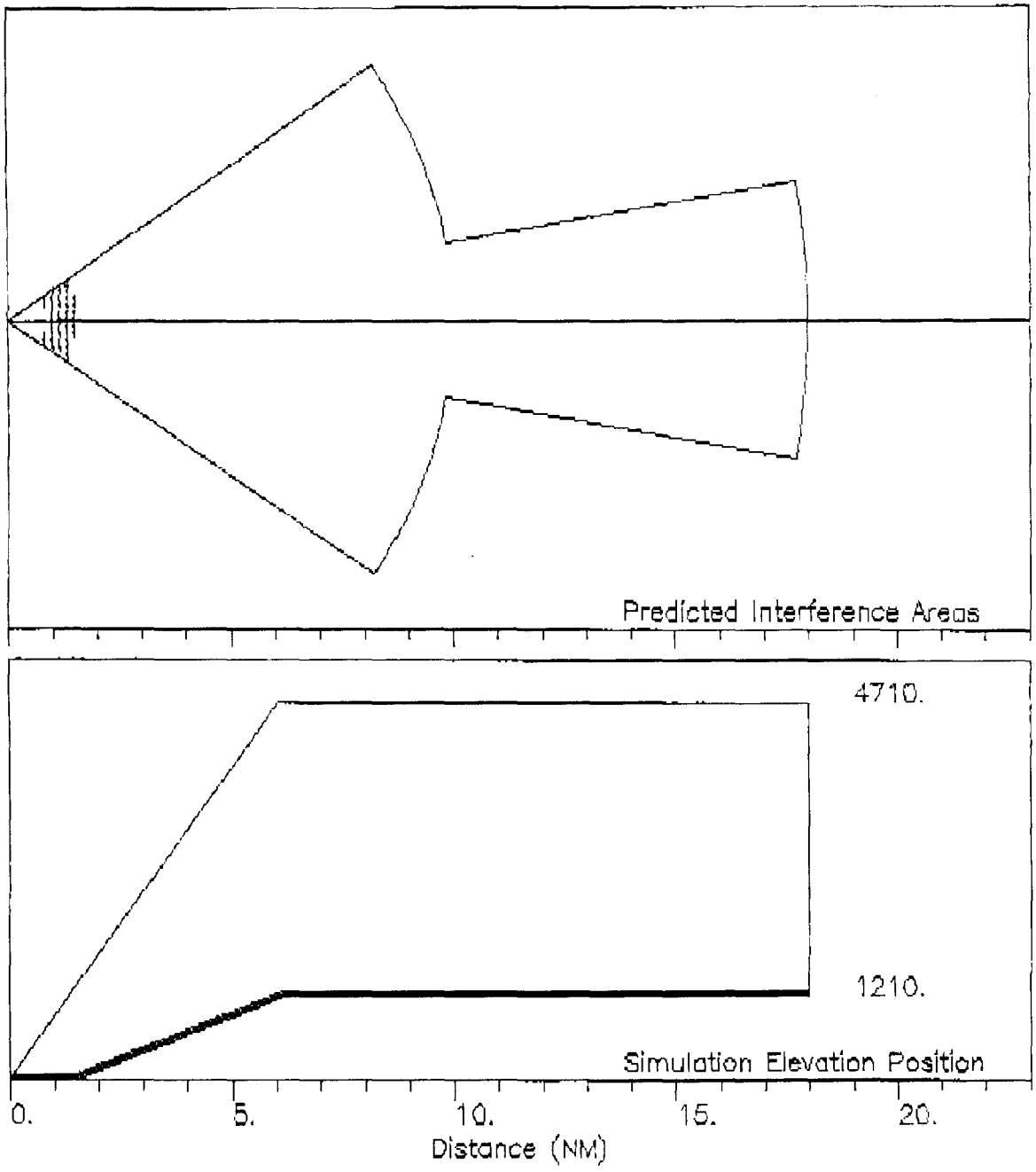
Listing of 2-frequency intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts

No 2-frequency intermodulation interference found.

Listing of 3-frequency intermodulation (B1) combinations

Freq 1 (MHz)	ID	Call	Freq 2 (MHz)	ID	Call	Freq 3 (MHz)	ID	Call	IMod (MHz)	Offset (KHz)	#Pts
107.90	33	PROP	105.30	30	WVCA	103.30	27	WSYA	109.90	0	39



Airspace case #: 93-JPA-111293 Site: TEST - GENERIC ANTENNA
Date: 111293 Plot filename: OX_OU_OR.plt Service Volume Bottom
Intermod (B1) plot: PROP (33), WVCA (30), & WSYA (27)
Frequencies: PROP = 107.90 MHz WVCA = 105.30 MHz WSYA = 103.30 MHz
Navaid: MGM Frequency: 109.90 MHz Elevation (Ft. MSL): 210.
Runway heading: 96.0

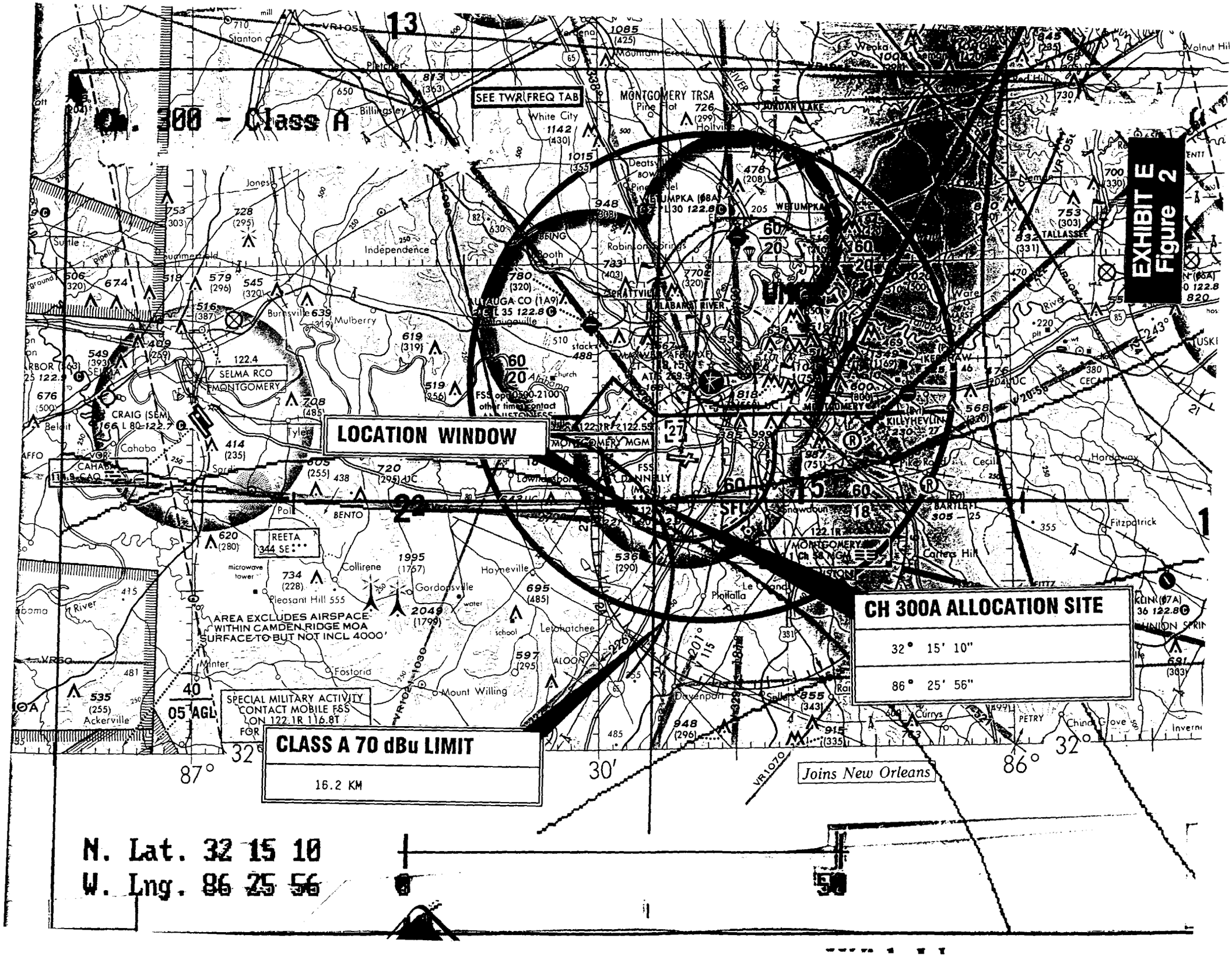


EXHIBIT E
Figure 2
LOCATION WINDOW
CH 300A ALLOCATION SITE
32° 15' 10"
86° 25' 56"
CLASS A 70 dBu LIMIT
16.2 KM
AREA EXCLUDES AIRSPACE WITHIN CAMDEN RIDGE MOA SURFACE TO BUT NOT INCL 4000'
SPECIAL MILITARY ACTIVITY CONTACT MOBILE FSS ON 122.1R 116.8T FOR
SEE TWR FREQ TAB
MONTGOMERY TRSA
Joins New Orleans
N. Lat. 32 15 10
W. Lng. 86 25 56