Figure 3 G
N 172° E Radial Measurements
WTLB Utica, New York
1310 KHz 0.5/1 Kw-LS DA-N
September 1966

Point (No.)	Distance (Mi.)	ND-D Field (mv/m)	DA-N Field (mv/m)	Description of Measuring Point
1	0.18	1070		See Map
2	0.6	200		See Map
3	0.77	195		See Map
4	0.95	90		See Map
5	1.28	55		10 pcs. from yard opposite pole 139-1/2
6	2.05	51	2.1.0411	20 pcs. into parking lot of Shell station-measured from rest rooms.
7	2.6	40.5	1.4.0345	rear yard S of 3253
8	3.6	26	0.9 .0346	50 pcs. in field from pole #16
9	3.95	21	1.2 .0571	50 pcs. up tractor road opposite barn
10	5.26	17	0.79.0464	side of road opposite pole #7 near trailer home
11	6.7	8.3	0.39.0469	15 pcs. in field opposite pole #4
12	7.73	5.2	6 (0.2606	25 pcs. up driveway by large tree-opposite marked pole #455
13	9.38	4.0	AV: 0.0434	0.25 miles W on road from 8
14	10.23	2.65		15 pcs. in field opposite dead tree
15	12.4	2.0		25 pcs. down road by RR sign
16	13.8	1.2		30 pcs. in field from telco pole L-14
17	14.85	1.3		35 pcs. in field opposite pole #36
18	16.	0.91		15 pcs. from opening in fence into N field

Figure 3 G
N 172° E Radial Measurements (continued)
WTLB Utica, New York
1310 KHz 0.5/1 Kw-LS DA-N
September 1966

Point No.	Distance (Mi.)	ND-D Field (mv/m)	DA-N Field (mv/m)	Description of Measuring Point
19	17.1	0.65		center of intersection of 3 roads
20	18.77	0.58		25 pcs. N of county sign-center of road
21	20	0.425		See Map

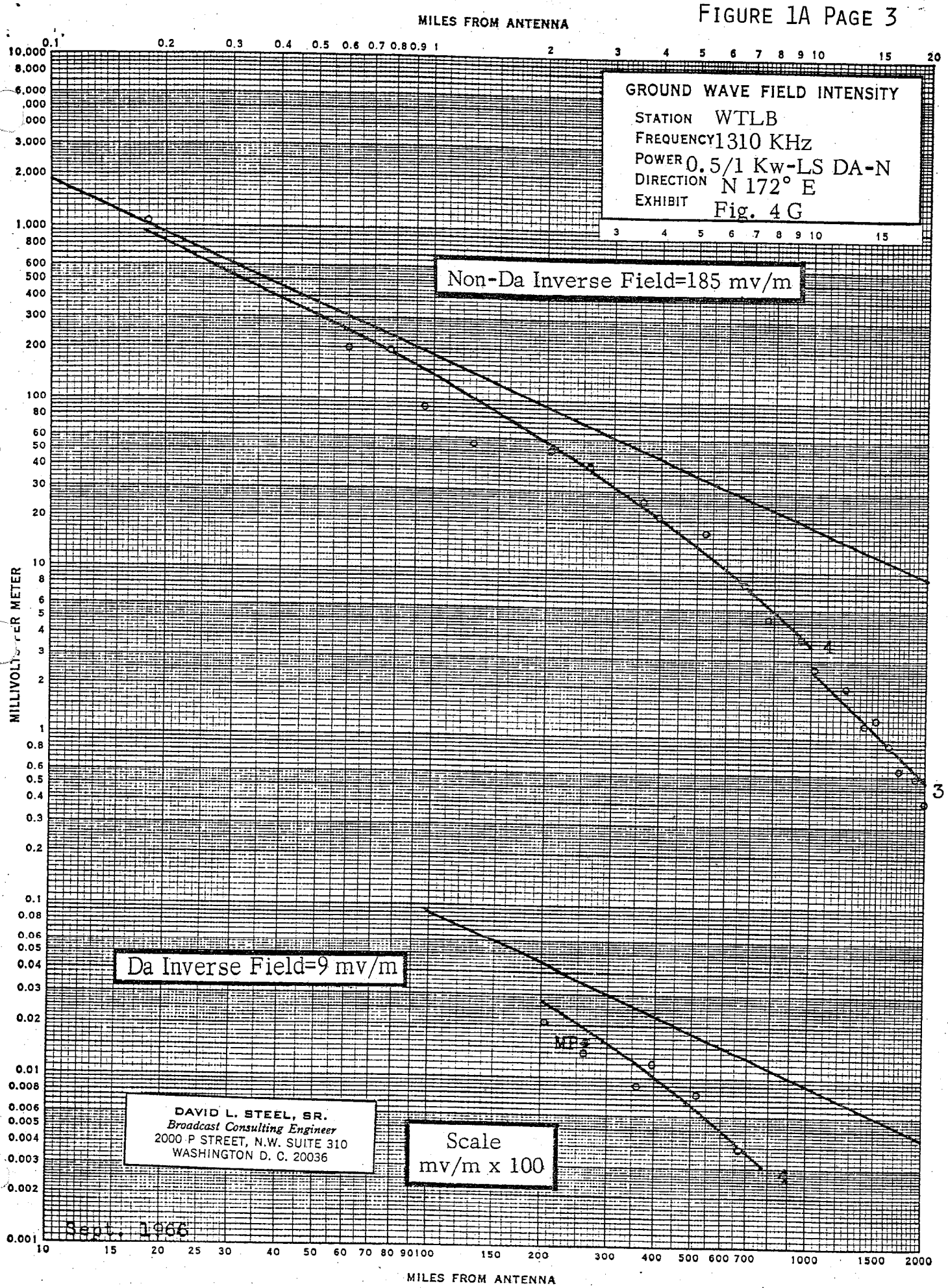

MILES FROM ANTENNA
0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1 2 3 4 5 6 7 8 9 10 15 20
10,000 8,000 6,000 4,000 3,000 2,000 1,000 800 600 500 400 300 200 100 80 60 50 40 30 20 10 8 6 5 4 3 2 1 0.8 0.6 0.5 0.4 0.3 0.2 0.1 0.08 0.06 0.05 0.04 0.03 0.02 0.01 0.008 0.006 0.005 0.004 0.003 0.002 0.001
MILLIVOLTS PER METER
GROUND WAVE FIELD INTENSITY
STATION WTLB
FREQUENCY 1310 KHz
POWER 0.5/1 Kw-LS DA-N
DIRECTION N 172° E
EXHIBIT Fig. 4 G
3 4 5 6 7 8 9 10 15
Non-Da Inverse Field=185 mv/m
Da Inverse Field=9 mv/m
MP3
DAVID L. STEEL, SR.
Broadcast Consulting Engineer
2000 P STREET, N.W. SUITE 310
WASHINGTON D. C. 20036
Scale
mv/m x 100
Sept. 1966
10 15 20 25 30 40 50 60 70 80 90 100 150 200 300 400 500 600 700 1000 1500 2000
MILES FROM ANTENNA

Figure 3 K
N 308° E Radial Measurements
WTLB Utica, New York
1310 KHz 0.5/1 Kw-LS DA-N
September 1966

Point No.	Distance (Mi.)	ND-D Field (mv/m)	DA-N Field (mv/m)	Description of Measuring Point
1	0.38	485		edge of road, center of driveway by 134
2	0.49	330		at rear of property line of #10 Beechwood Road, opposite clothesline post
3	0.68	220		edge of road in front of #30
4	0.77	215		on edge of road between house #11 & 17
5	0.91	160		rear fence opposite driveway of #34
6	0.96	125		center of driveway between fence posts of last house on E
7	1.52	64		by cement marker on lawn of Coyner house
8	1.72	74		center of driveway between two flower pots (Karls residence)
9	1.89	50		SE side of road by sta marker
10	2.08	50	40	center of road by driveway of last house before turn
10 A	2.62	26.5	22	20 pcs. down dirt road by Gulf Station
11	3.68	22	18	25 pcs. in field from marked tree opposite sub station
12	5.04	13	11	25 pcs. into field opposite marked pole
13	5.68	10.5	9.7	25 pcs. in field opposite marked pole
14	6.84	7.1	5.8	40 pcs. in field from marked pole

Figure 3 K
N 308° E Radial Measurements (continued)
WTLB Utica, New York
1310 KHz 0.5/1 Kw-LS-DA-N
September 1966

Point No.	Distance (Mi.)	ND-D Field (mv/m)	DA-N Field (mv/m)	Description of Measuring Point
15	7.81	7.4		turnpike ramp-MUST HAVE STATE POLICE ALONG
16	8.44	5.4	4.0	side of road by marked fence post
17	9.60	4.65	3.3	40 pcs. from marked pole 0.7 miles from 233
18	10.24	3.9	3.0	25 pcs. in field opposite marked pole
19	12.6	2.1	1.5	center of road by marked pole #7
20	14.55	1.05		by marked post on N side of road 0.8 miles from junction of 26 & 365
21	17.08	0.78		side of road by marked post
22	18.25	0.78		25 pcs. from marked post 1.3 miles from junction of 46 & 49
23	20.17	0.4		by marked tree near marked telco pole 1/2

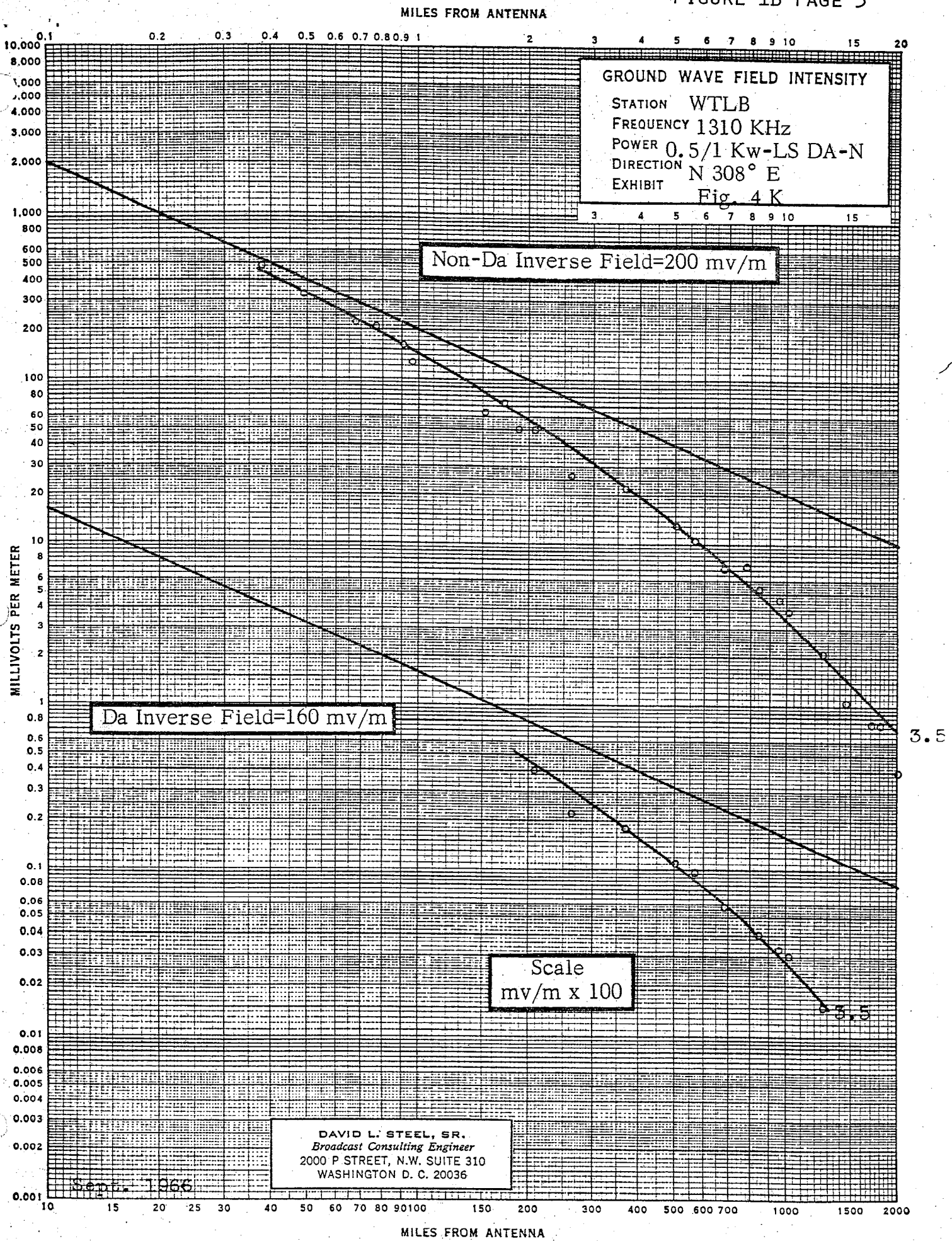

MILES FROM ANTENNA
0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1 2 3 4 5 6 7 8 9 10 15 20
10,000 8,000 6,000 4,000 3,000 2,000 1,000 800 600 500 400 300 200 100 80 60 50 40 30 20 10 8 6 5 4 3 2 1 0.8 0.6 0.5 0.4 0.3 0.2 0.1 0.08 0.06 0.05 0.04 0.03 0.02 0.01 0.008 0.006 0.005 0.004 0.003 0.002 0.001
MILLIVOLTS PER METER
GROUND WAVE FIELD INTENSITY
STATION WTLB
FREQUENCY 1310 KHz
POWER 0.5/1 Kw-LS DA-N
DIRECTION N 308° E
EXHIBIT Fig. 4 K
Non-Da Inverse Field=200 mv/m
Da Inverse Field=160 mv/m
3.5
3.5
Scale
mv/m x 100
DAVID L. STEEL, SR.
Broadcast Consulting Engineer
2000 P STREET, N.W. SUITE 310
WASHINGTON D. C. 20036
Sept. 1966
10 15 20 25 30 40 50 60 70 80 90 100 150 200 300 400 500 600 700 1000 1500 2000
MILES FROM ANTENNA

Figure 3 L
N 346° E Radial Measurements
WTLB Utica, New York
1310 KHz 0.5/1 Kw-LS DA-N
September 1966

Point No.	Distance (Mi.)	ND-D Field (mv/m)	DA-N Field (mv/m)	Description of Measuring Point
1	0.45	385		15 pcs. S of SE corner of garage of house E of #17
2	0.53	290		8 pcs. up center of driveway of house 38
3	0.72	185		on side of road, in front of house #13
4	0.83	200		10 pcs. into field opposite marked pole #7
5	1.38	86		18 pcs. N of street light on island
6	1.62	77		in front of garage 45 pcs. down driveway of #410
6 A	1.82	64	3.5	10 pcs. E of tree opposite house #403
7	2.78	37.5	1.6	near dead end sign on Pulaski Street
8	3.25	30.0	1.1	in front of garage 15 pcs. from street opposite #6 + 8 Chestnut
9	3.70	25	1.1	35 pcs. E of second "A-1 Used Car" pole on E side of Koerner Ford
10	4.21	21		12 pcs. along driveway opposite tree marked "Misiaszely 41"
11	5.28	10	0.75	15 pcs. E of marked pole and 25 pcs. N
12	6.0	7.3	0.54	atop marked post by entrance to trailer park
13	8.13	4.7		by marked post along E land of 49 off Radial

Figure 3L, Page 2
N 346° E Radial Measurements (continued)

WTLB Utica, New York-
1310 KHz 0.5/1 Kw-LS DA-N
September 1966

Point No.	Distance (Mi.)	ND-D Field (mv/m)	DA-N Field (mv/m)	Description of Measuring Point
14	8.58	4.0	0.41	side of road opposite marked pole #5
15	9.0	3.95	0.34	15 pcs. up "Camp Heathmore" road
16	9.72	2.7	0.2	30 pcs. from marked telco pole 0.3 mi. from bridge
17	11.56	1.65		center of road by firehouse mailbox
18	14.0	1.1		side of road by gravel depot by marked tree
19	15.4	0.98		20 pcs. into N field from marked post
20	17.45	0.96		50 pcs. from marked pole # 4
21	18.6	0.48		by marked road guard
22	20	0.40		by marked fence post 0.6 miles up dirt road

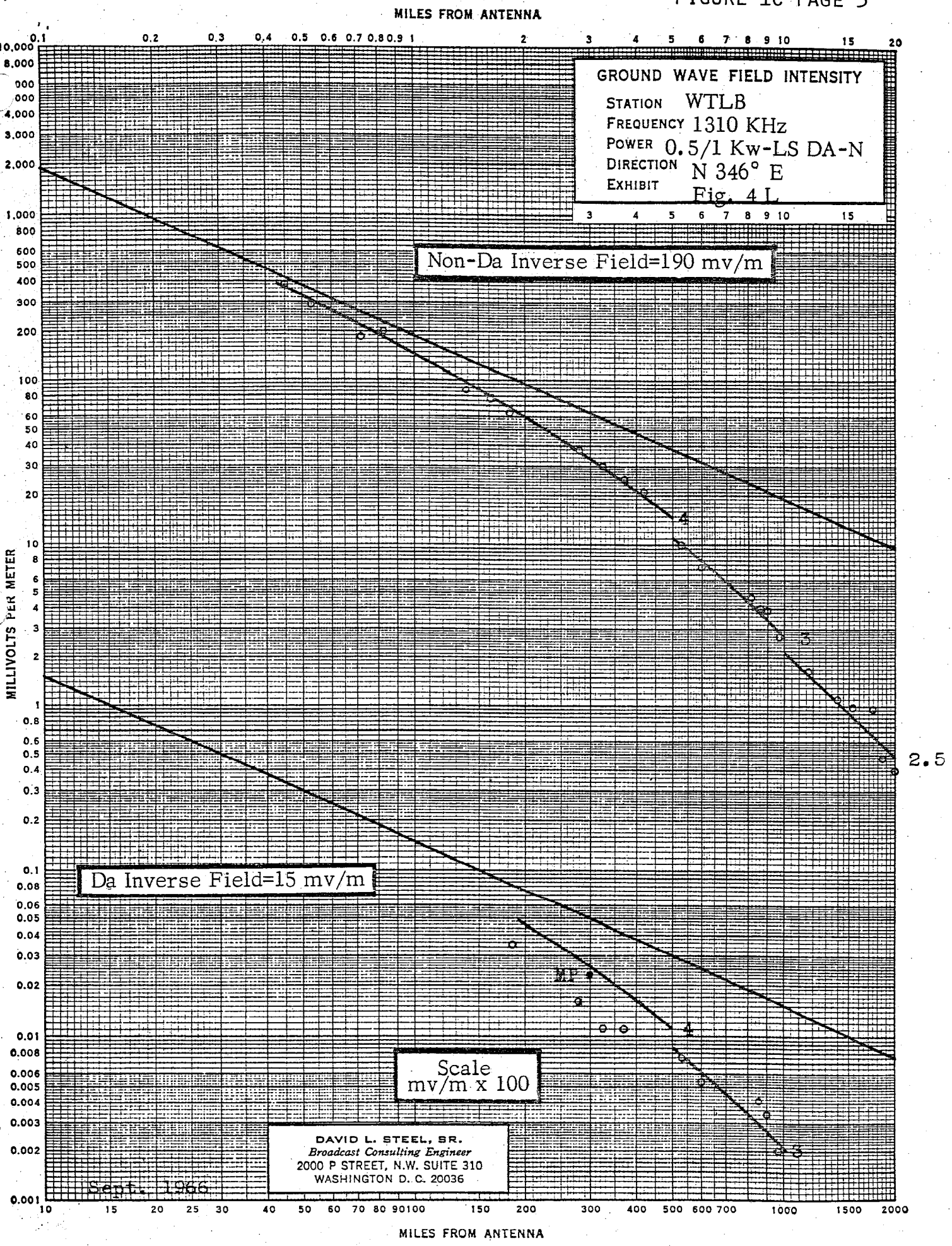

MILES FROM ANTENNA
0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1 2 3 4 5 6 7 8 9 10 15 20
10,000
8,000
000
000
4,000
3,000
2,000
1,000
800
600
500
400
300
200
100
80
60
50
40
30
20
10
8
6
5
4
3
2
1
0.8
0.6
0.5
0.4
0.3
0.2
0.1
0.08
0.06
0.05
0.04
0.03
0.02
0.01
0.008
0.006
0.005
0.004
0.003
0.002
0.001
MILLIVOLTS PER METER
GROUND WAVE FIELD INTENSITY
STATION WTLB
FREQUENCY 1310 KHz
POWER 0.5/1 Kw-LS DA-N
DIRECTION N 346° E
EXHIBIT Fig. 4 L
3 4 5 6 7 8 9 10 15
Non-Da Inverse Field=190 mv/m
Da Inverse Field=15 mv/m
2.5
Scale
mv/m x 100
DAVID L. STEEL, SR.
Broadcast Consulting Engineer
2000 P STREET, N.W. SUITE 310
WASHINGTON D. C. 20036
Sept. 1966
10 15 20 25 30 40 50 60 70 80 90 100 150 200 300 400 500 600 700 1000 1500 2000
MILES FROM ANTENNA

Figure 3M, Page 1
N 356° E Radial Measurements
WTLB Utica, New York
1310 KHz 0.5/1 Kw-LS DA-N
September 1966

Point No.	Distance (Mi.)	ND-D Field (mv/m)	DA-N Field (mv/m)	Description of Measuring Point
1	0.52	270		14 paces from fire plug opposite pole #119
2	0.95	138		13 paces up center of driveway of house #60
3	1.19	120		40 pcs. along N side of house #30
4	1.5	63		on center of intersection by dead end sign
5	1.93	59	16.0	25 pcs. W. of third No Parking sign
6	2.64	52	12.5	edge of grass opposite basketball hoop
7	3.68	22	5.0	90 pcs. on golf course at market from pole #36
8	4.45	21	5.3	25 pcs. on driving range from light post behind beer warehouse
9	4.8	16	3.9	10 pcs. in field from "littering" sign
10	5.8	10.5	3.1	near SE corner of Hilco model home
11	6.87	8.5	1.95	40 pcs. into yard opposite pole #7
12	8.0	6.1	1.4	25 pcs. on grass opposite pole #139
13	9.1	4.05	1.0	15 pcs. in field opposite pole #27
14	10.76	3.5	.87	45 pcs. from low cement market opposite stop sign
15	11.82	2.75		15 pcs. from pole #19-S
16	13.28	2.05		35 pcs. up center of side road

Figure 3M, Page 2
N 356° E Radial Measurements
WTLB Utica, New York
1310 KHz 0.5/1 Kw-LS- DA-N
September 1966

Point No.	Distance (Mi.)	ND-D Field (mv/m)	DA-N Field (mv/m)	Description of Measuring Point
17	14.3	1.6		10 pcs. in field opposite pole #31-47
18	16.1	1.05		marker on E. side of road opposite driveway
19	18.1	0.71		side of road opposite 30 MPH sign
20	18.92	0.7		5 pcs. side of road opposite telephone company p9le #40-16
21	22.72	0.33		side of road opposite NE corner of cemetery
22	29.17	0.15		on N. side of road by marker #325
23	36.75	.065		10 pcs. in field opposite pole #39
24	42.5	.065		
24A	50	.05		See Map
25	59.4	.04		2 miles from Croghan, 2 miles from Belfrom (QMR)

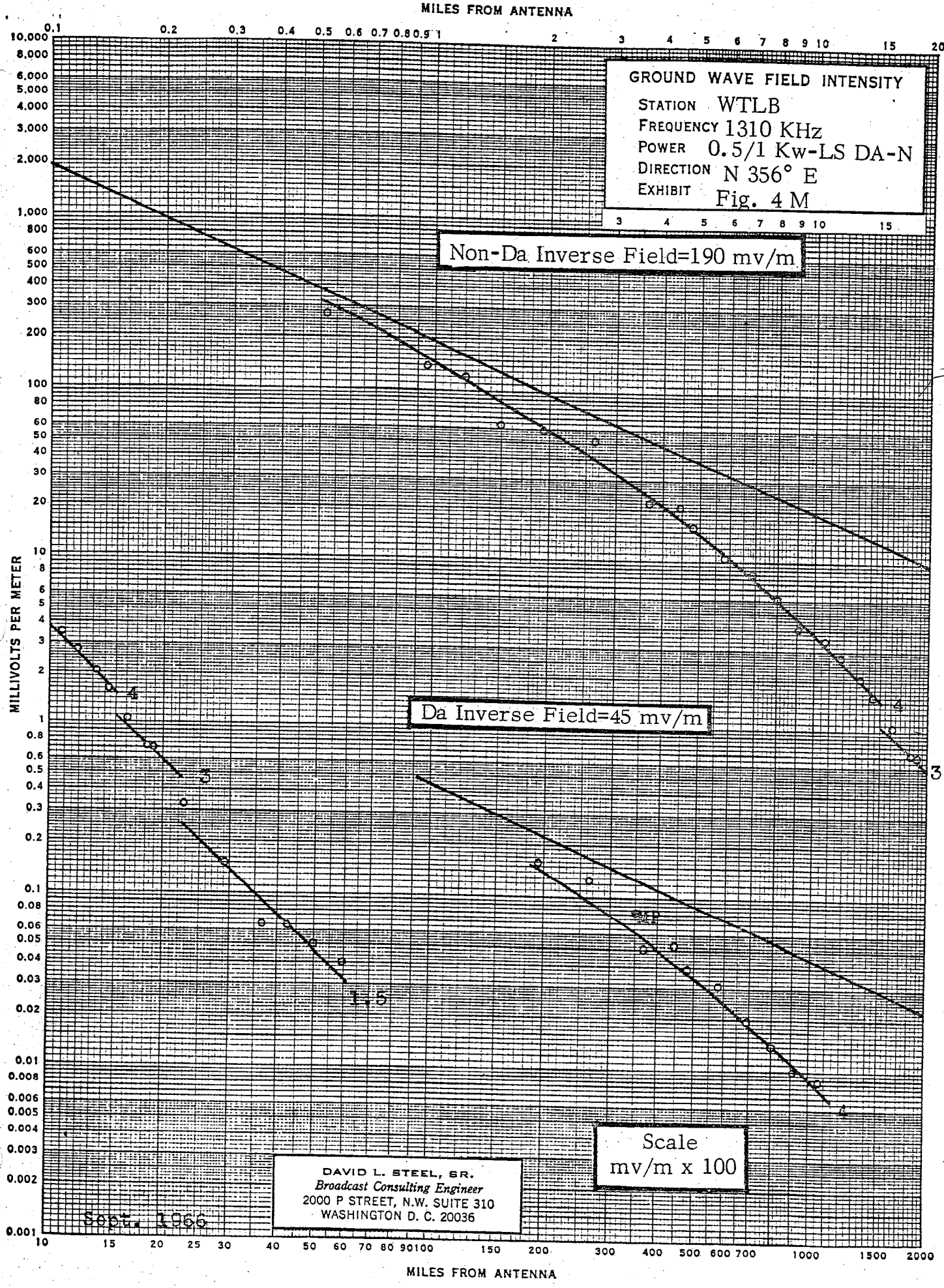

MILES FROM ANTENNA
0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1 2 3 4 5 6 7 8 9 10 15 20
10,000 8,000 6,000 5,000 4,000 3,000 2,000 1,000 800 600 500 400 300 200 100 80 60 50 40 30 20 10 8 6 5 4 3 2 1 0.8 0.6 0.5 0.4 0.3 0.2 0.1 0.08 0.06 0.05 0.04 0.03 0.02 0.01 0.008 0.006 0.005 0.004 0.003 0.002 0.001
MILLIVOLTS PER METER
GROUND WAVE FIELD INTENSITY
STATION WTLB
FREQUENCY 1310 KHz
POWER 0.5/1 Kw-LS DA-N
DIRECTION N 356° E
EXHIBIT Fig. 4 M
Non-Da Inverse Field=190 mv/m
Da Inverse Field=45 mv/m
Scale mv/m x 100
DAVID L. STEEL, SR.
Broadcast Consulting Engineer
2000 P STREET, N.W. SUITE 310
WASHINGTON D. C. 20036
Sept. 1966
10 15 20 25 30 40 50 60 70 80 90 100 150 200 300 400 500 600 700 1000 1500 2000
MILES FROM ANTENNA

Exhibit E-7E

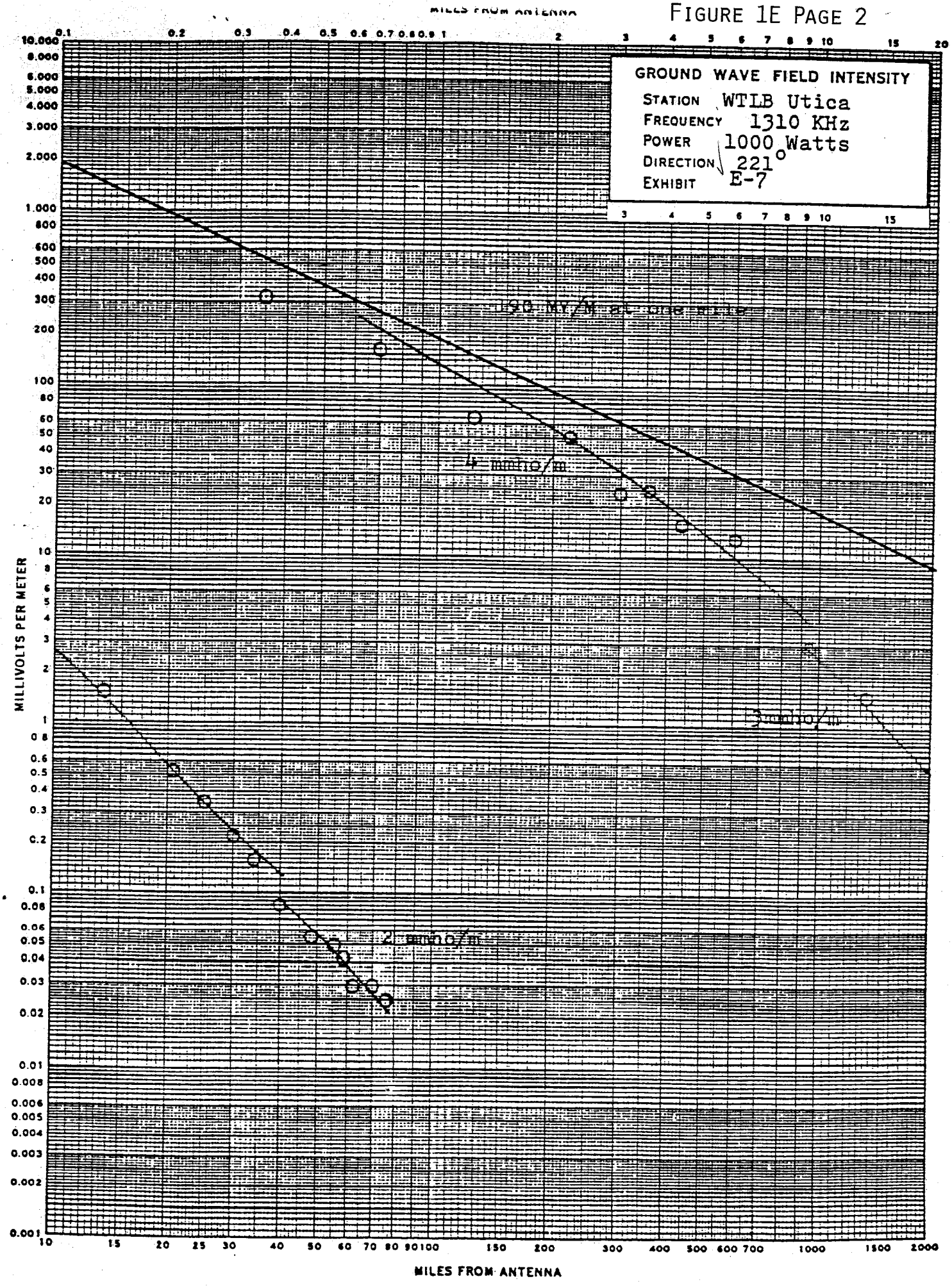
Tabulation of Field Intensity Measurements toward Troy,Pa.

221° True

WTLB,1310 Khz,1.0 Kw

N-DA

Point	Distance (miles)	MV/M	Date	Time	Comments
1	0.35	320	2-22	11:00AM	Snowden & Oxford RD
2	0.70	160	2-22	11:05	Snowden at intersection
3	1.25	65.0	2-22	11:12	Snowden top of hill
4	2.2	50.0	2-22	12:05PM	Kellogg & Snowden
5	3.0	24.0	2-22	12:25	3.5mi north of Pt 6
6	3.6	25.0	2-22	2:30	Rt 12 and Burmaster
7	4.35	16.0	2-22	3:15	Fountain St.
8	6.00	13.0	2-15	1:10PM	2 miles w. of Paris
9	9.5	2.95	2-22	3:35	Rt 315 2 mi. w. of W'ville
10	13.5	1.5	2-22	3:45	Rt 20
11	21.0	0.52	2-15	1:30	North of Hamilton
12	25.0	0.35	2-15	1:43	2 mi. e. of Lebanon
13	30.0	0.22	2-15	2:00	Rt 80
14	34.0	0.16	2-15	2:15	3 mi n. of Beaver Meadow
15	40.0	0.085	2-15	2:35	North Pitcher
16	48.0	0.055	2-15	2:55	Cincinnatus on RT 26
17	55.0	0.050	2-15	3:15	Rt 221 4mi w. of 26/221 X
18	58.0	0.042	2-15	3:30	Rt 11 1 mile s. of Marathon
19	63.0	0.030	2-15	3:50	2 mi w. of Center Lisle
20	68.0	0.032	12-21	2:40PM	E. Berkshire
21	70	0.030	12-21	2:30	Rt 38
22	77	0.025	12-21	2:03	1.5 mile NW of Wettonville


GROUND WAVE FIELD INTENSITY
STATION WTLB Utica
FREQUENCY 1310 KHz
POWER 1000 Watts
DIRECTION 221°
EXHIBIT E-7
MILLIVOLTS PER METER
MILES FROM ANTENNA
4 mmho/m
2 mmho/m

INDEPENDENT BROADCAST CONSULTANTS, INC.

607-273-2970

110 COUNTY RD. 146, RFD # 1
TRUMANSBURG, NEW YORK 14886

FIELD INTENSITY MEASUREMENTS

STATION/CLIENT WTLB RADIAL 255 °T

POWER ____ NDA POWER 5 kW. DA-D☒ DA-N☐ DA-1☐

FREQUENCY 1310 KHZ ENGINEER Robert A. Lynch

FIELD INTENSITY METER FIM-41/Ser. 292 CAL 7/30/92

POINT NO.	DISTANCE KM	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE 1996	TIME TEMP	RATIO DA/N-DA	DISTANCE MI	COMMENTS
1	0.45				1055	5/31	7:21PM		0.28	
2	0.55				828	"	7:17PM		0.34	
3	0.63				726	"	7:15PM		0.39	
4	0.71				627	"	7:13PM		0.44	
5	0.79				539	"	7:11PM		0.49	
6	0.87				421	"	7:08PM		0.54	
7	1.01				409	"	7:05PM		0.63	
8	1.09				400	"	7:03PM		0.68	
9	1.17				368	"	7:00PM		0.73	
10	1.26				316.5	"	6:57PM		0.78	
11	1.37				271	"	6:54PM		0.85	
12	1.46				257.5	"	6:51PM		0.91	
13	1.56				241.5	"	6:48PM		0.97	
14	1.66				227.5	"	6:45PM		1.03	
15	1.79				199	"	6:41PM		1.11	
16	1.92				177.5	"	6:38PM		1.19	
17	2.03				160	"	6:35PM		1.26	
18	2.19				158	"	6:31PM		1.36	
19	2.35				157	"	6:28PM		1.46	
20	2.51				146	"	6:23PM		1.56	
21	2.67				123.5	"	6:20PM		1.66	
22	2.77				119.5	"	6:17PM		1.72	
23	3.03				108	"	6:14PM		1.88	
24	3.12				106	"	6:11PM		1.94	
25	3.28				105	"	6:07PM		2.04	
26	3.44				81.3	"	5:03PM		2.14	
27	4.62				64.8	"	4:52PM		2.87	
28	5.23				43.9	"	4:47PM		3.25	
29	6.74				36.5	"	4:39PM		4.19	
30	7.52				24.4	"	5:47PM		4.67	
31	8.24				24.9	"	4:26PM		5.12	
32	9.12				18.8	"	4:21PM		5.67	
33	10.25				12.7	"	4:16PM		6.37	
34	11.20				12.8	"	4:12PM		6.96	
35	12.46				10.35	"	4:03PM		7.74	
36	13.34				8.4	"	3:56PM		8.29	
37	14.36				9.2	"	3:52PM		8.92	
38	17.06				4.24	"	3:43PM		10.60	
39	17.98				4.20	"	3:40PM		11.17	
40	19.07				3.91	"	3:35PM		11.85	
41	19.96				2.68	"	3:30PM		12.40	
42	22.27				2.89	"	3:20PM		13.84	
43	24.54				1.84	"	3:12PM		15.25	
44	27.05				1.71	"	3:04PM		16.81	
45	30.38				1.01	"	2:43PM		18.88	
46	31.91				1.31	"	2:38PM		19.83	
47	33.94				1.08	"	2:31PM		21.09	
48	35.34				1.17	"	2:19PM		21.96	
49	36.73				1.10	"	2:13PM		22.82	
50	38.62				0.98	"	2:08PM		24.00	

INDEPENDENT BROADCAST
CONSULTANTS, INC.

607-273-2970

110 COUNTY RD. 146, RFD # 1
TRUMANSBURG, NEW YORK 14886

FIELD INTENSITY MEASUREMENTS

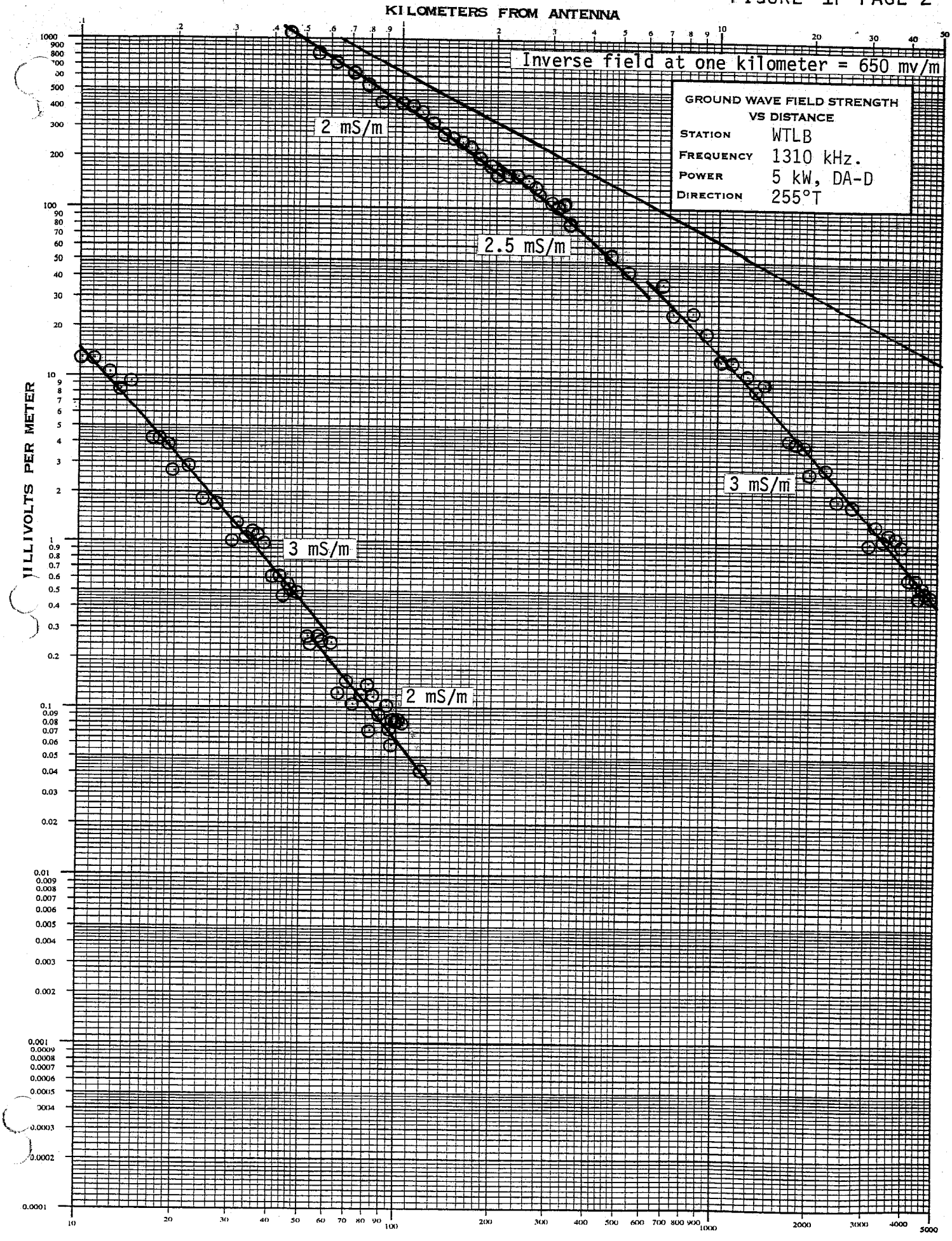
STATION/CLIENT WTLB RADIAL 255 °T

POWER _____ NDA POWER 5 kW. DA-D☒ DA-N☐ DA-1☐

FREQUENCY 1310 KHZ ENGINEER Robert A. Lynch

FIELD INTENSITY METER FIM-41/Ser. 292 CAL 7/30/92

POINT NO.	DISTANCE KM	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE 1996	TIME TEMP	RATIO DA/N-DA	DISTANCE MI	COMMENTS
51	40.59				0.615	5/31	2:03PM		25.22	
52	43.02				0.613	"	1:57PM		26.73	
53	44.00				0.470	"	1:49PM		27.34	
54	45.37				0.553	"	1:44PM		28.19	
55	46.73				0.502	"	1:38PM		29.07	
56	48.65				0.498	"	1:27PM		30.23	
57	52.98				0.27	6/03	6:30PM		32.92	
58	53.91				0.24	"	6:18PM		33.50	
59	56.54				0.270	"	6:10PM		35.13	
60	59.24				0.252	"	6:00PM		36.81	
61	62.36				0.245	"	5:49PM		38.75	
62	65.82				0.122	"	5:37PM		40.90	
63	70.09				0.145	"	5:23PM		43.55	
64	73.87				0.105	"	5:09PM		45.90	
65	77.89				0.120	"	4:55PM		48.40	
66	81.11				0.139	"	4:43PM		50.40	
67	83.20				0.072	"	4:35PM		51.70	
68	84.89				0.119	"	3:58PM		52.75	
69	87.79				0.090	"	3:47PM		54.55	
70	93.91				0.102	5/30	10:48AM		58.35	
71	95.11				0.073	"	10:37AM		59.10	
72	96.72				0.059	"	10:09AM		60.10	
73	98.01				0.082	"	11:08AM		60.90	
74	99.86				0.080	"	11:15AM		62.05	
75	101.71				0.081	"	9:56AM		63.20	
76	106.14				0.078	"	11:53AM		65.95	
77	120.38				0.041	"	12:50PM		74.80	


KILOMETERS FROM ANTENNA
MILLIVOLTS PER METER
Inverse field at one kilometer = 650 mv/m
GROUND WAVE FIELD STRENGTH
VS DISTANCE
STATION WTLB
FREQUENCY 1310 kHz.
POWER 5 kW, DA-D
DIRECTION 255°T
2 mS/m
2.5 mS/m
3 mS/m
3 mS/m
2 mS/m

INDEPENDENT BROADCAST CONSULTANTS, INC.

607-273-2970

110 COUNTY RD. 146, RFD # 1
TRUMANSBURG, NEW YORK 14886

FIELD INTENSITY MEASUREMENTS

STATION/CLIENT WTLB RADIAL 275 °T

POWER ____ NDA POWER 5 kW. DA-D☒ DA-N☐ DA-1☐

FREQUENCY 1310 KHZ ENGINEER Robert A. Lynch

FIELD INTENSITY METER FIM-41/Ser. 292 CAL 7/30/92

POINT NO.	DISTANCE KM	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE 1996	TIME TEMP	RATIO DA/N-DA	DISTANCE MI	COMMENTS
1	0.58				700	6/03	10:26AM		0.36	
2	0.66				579	"	10:23AM		0.41	
3	0.76				612	"	10:21AM		0.47	
4	0.84				562	"	10:19AM		0.52	
5	0.92				516	"	10:16AM		0.57	
6	1.00				409	"	10:14AM		0.62	
7	1.06				291	"	10:12AM		0.66	
8	1.16				361	"	10:08AM		0.72	
9	1.24				327.5	"	10:06AM		0.77	
10	1.32				298	"	10:03AM		0.82	
11	1.40				269	"	10:01AM		0.87	
12	1.48				262	"	9:57AM		0.92	
13	1.56				251	"	9:54AM		0.97	
14	1.66				230	"	9:51AM		1.03	
15	1.79				201	"	9:47AM		1.11	
16	1.88				188.5	"	9:44AM		1.17	
17	2.00				186.5	"	9:40AM		1.24	
18	2.12				172.5	"	9:37AM		1.32	
19	2.25				153	"	9:34AM		1.40	
20	2.38				139	"	9:29AM		1.48	
21	2.51				134	"	9:25AM		1.56	
22	2.66				121.5	"	9:21AM		1.65	
23	2.78				106.5	"	9:14AM		1.73	
24	2.95				104.0	"	9:11AM		1.83	
25	3.11				94.0	"	9:08AM		1.93	
26	3.27				86.7	"	9:04AM		2.03	
27	3.43				83.5	5/31	5:08PM		2.13	
28	4.70				47.6	6/03	11:52AM		2.92	
29	5.60				16.3	"	8:30AM		3.48	
30	6.60				17.75	"	8:25AM		4.10	
31	7.24				17.2	"	8:19AM		4.50	
32	7.64				15.6	"	8:12AM		4.75	
33	9.35				15.8	5/31	9:11AM		5.81	
34	9.58				12.8	"	9:17AM		5.95	
35	11.12				11.15	"	9:20AM		6.91	
36	12.25				8.1	"	9:29AM		7.61	
37	12.84				9.8	"	9:34AM		7.98	
38	14.24				7.60	"	9:43AM		8.85	
39	16.35				4.8	"	9:49AM		10.16	
40	18.31				4.13	"	9:57AM		11.38	
41	20.28				3.16	"	10:06AM		12.60	
42	22.48				3.20	"	10:14AM		13.97	
43	25.12				1.80	"	10:20AM		15.61	
44	26.84				2.19	"	10:27AM		16.68	
45	27.71				2.09	"	10:30AM		17.22	
46	29.15				1.25	"	10:36AM		18.11	
47	30.56				1.065	"	10:43AM		18.99	
48	32.73				1.17	"	10:57AM		20.34	
49	35.00				1.335	"	11:07AM		21.75	
50	37.61				0.970	"	11:16AM		23.37	

INDEPENDENT BROADCAST CONSULTANTS, INC.

607-273-2970

110 COUNTY RD. 146, RFD # 1
TRUMANSBURG, NEW YORK 14886

FIELD INTENSITY MEASUREMENTS

STATION/CLIENT WTLB RADIAL 275 °T

POWER ____ NDA POWER 5 kW. DA-D☒ DA-N☐ DA-1☐

FREQUENCY 1310 KHZ ENGINEER Robert A. Lynch

FIELD INTENSITY METER FIM-41/Ser. 292 CAL 7/30/92

POINT NO.	DISTANCE KM	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE 1996	TIME TEMP	RATIO DA/N-DA	DISTANCE MI	COMMENTS
51	40.07				0.935	5/31	11:29AM		24.90	
52	41.10				0.895	"	11:33AM		25.54	
53	44.13				0.805	"	11:43AM		27.42	
54	45.87				0.70	"	12 Noon		28.50	
55	47.38				0.60	"	11:56AM		29.44	
56	48.41				0.68	"	12:11PM		30.08	
57	50.73				0.42	"	12:22PM		31.52	
58	52.43				0.348	"	12:27PM		32.58	
59	54.72				0.241	"	12:43PM		34.00	
60	56.68				0.286	"	12:37PM		35.22	
61	61.88				0.223	6/3	1:25PM		38.45	
62	64.86				0.252	"	1:34PM		40.30	
63	71.37				0.199	"	1:52PM		44.35	
64	74 67				0.170	"	2:02PM		46.40	
65	76.45				0.135	"	2:23PM		47.75	
66	77.97				0.149	"	2:33PM		48.45	
67	84.49				0.117	"	2:52PM		52.50	
68	86.42				0.130	"	3:00PM		53.70	
69	88.51				0.121	5/30	5:03PM		55.00	
70	89.56				0.102	"	5:14PM		55.65	
71	91.97				0.068	"	4:49PM		57.15	
72	95.03				0.092	"	4:34PM		59.05	
73	99.54				0.078	"	4:18PM		61.85	
74	101.31				0.062	"	4:09PM		62.95	
75	104.77				0.076	"	3:59PM		65.10	
76	108.71				0.062	"	3:45PM		67.55	
77	111.77				0.060	7/1	1:07PM		69.45	
78	113.86				0.058	5/30	3:24PM		70.75	
78-A	113.86				0.058	7/1	1:30PM		70.75	Check Point
79	116.19				0.044	"	12:46PM		72.20	
80	118.45				0.035	"	12:38PM		73.60	
81	123.20				0.040	"	12:27PM		76.55	
82	124.24				0.042	"	12:15PM		77.20	
83	127.14				0.038	"	12:02PM		79.00	
84	130.12				0.034	"	11:44AM		80.85	
84-A	130.12				0.034	8/3	1:05PM		80.85	Check Point
85	132.45				0.031	"	1:21PM		82.30	
86	134.70				0.034	"	1:37PM		83.70	
87	136.96				0.023	"	1:46PM		85.10	
88	139.45				0.017	"	1:57PM		86.65	
89	141.46				0.019	"	2:10PM		87.90	
90	144.20				0.021	"	2:31PM		89.60	
91	147.09				0.019	"	2:41PM		91.40	
92	150.15				0.019	"	3:10PM		93.30	

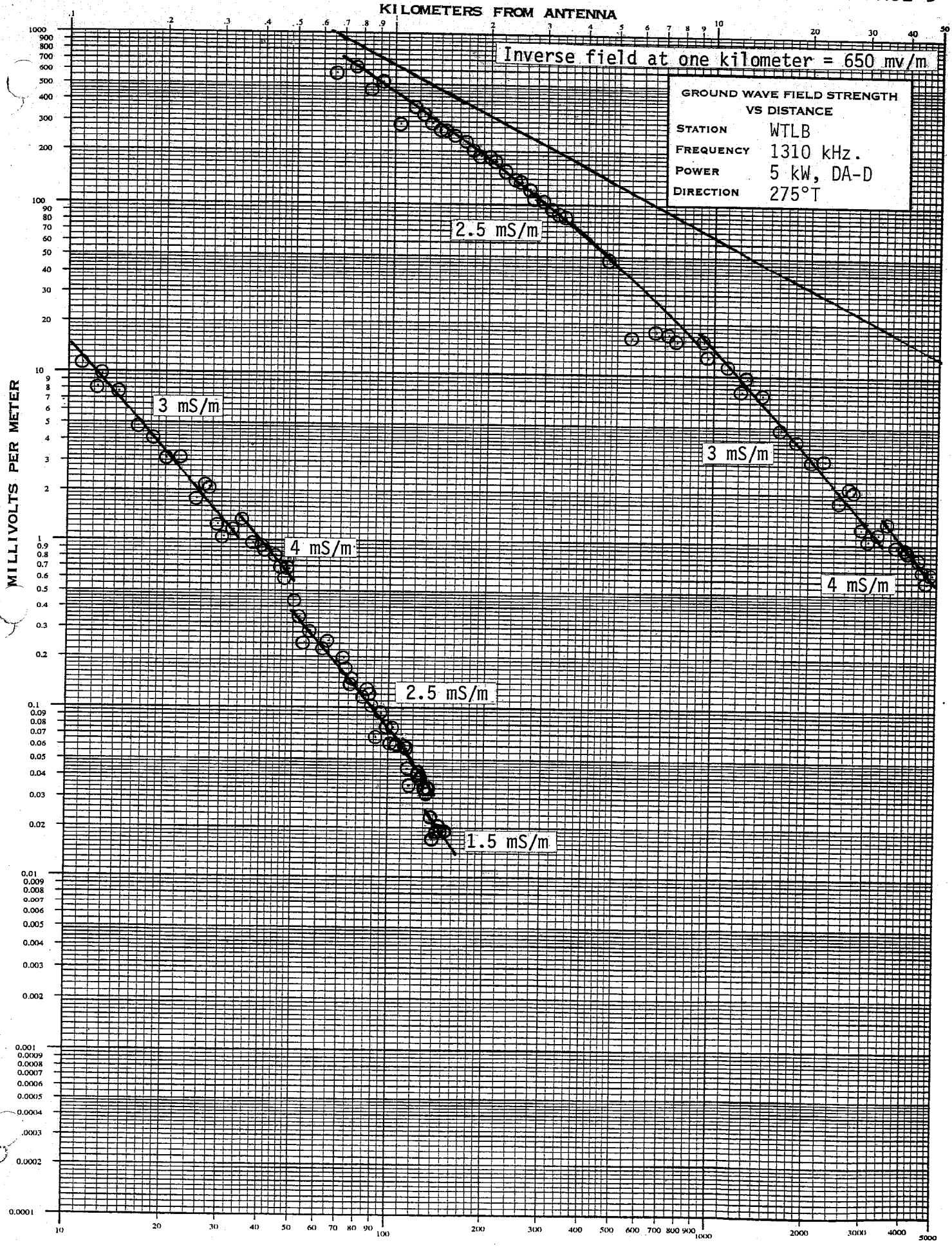
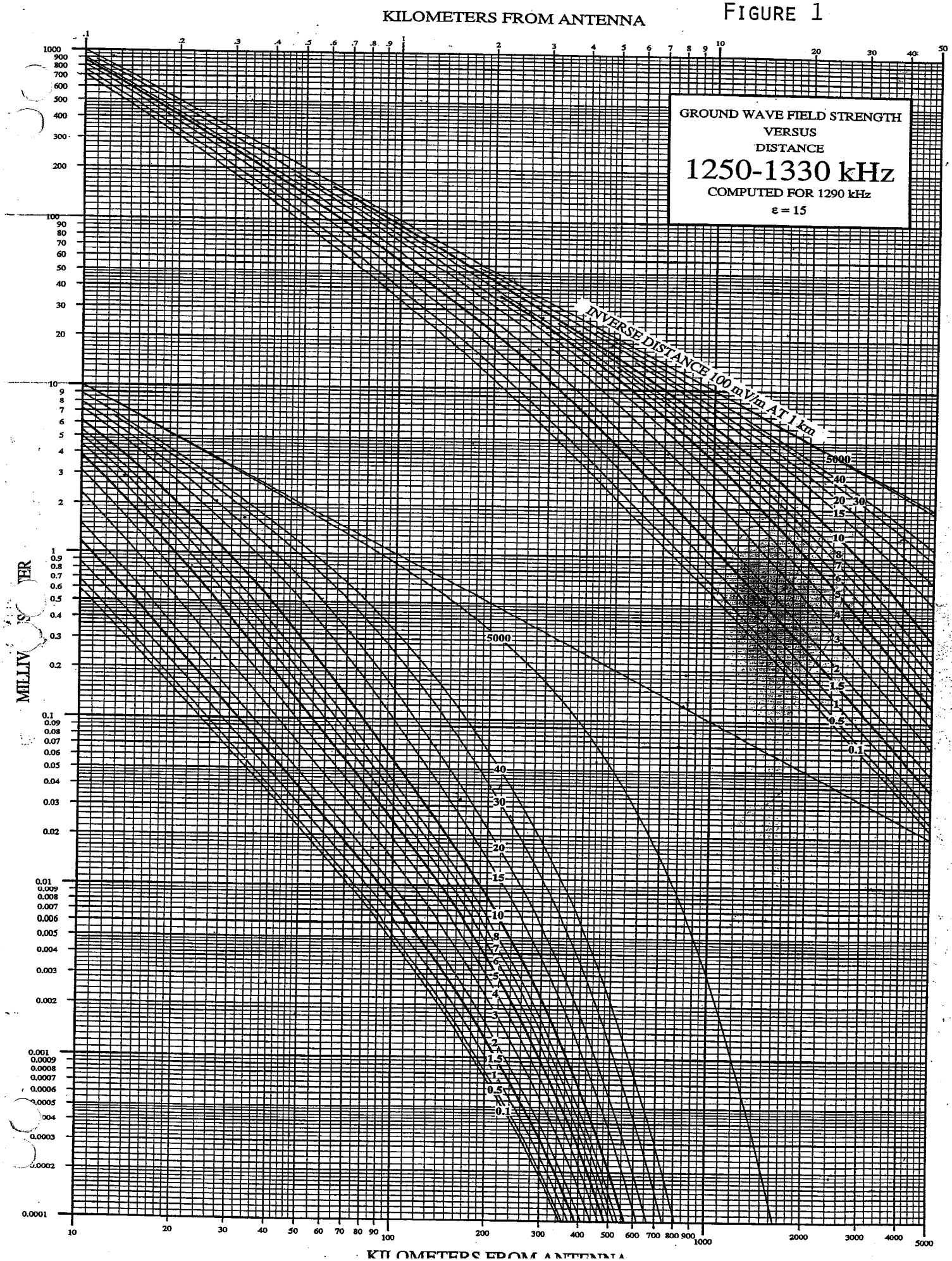

KILOMETERS FROM ANTENNA
MILLIVOLTS PER METER
Inverse field at one kilometer = 650 mv/m
GROUND WAVE FIELD STRENGTH VS DISTANCE
STATION WTLB
FREQUENCY 1310 kHz.
POWER 5 kW, DA-D
DIRECTION 275°T
2.5 mS/m
3 mS/m
4 mS/m
3 mS/m
4 mS/m
2.5 mS/m
1.5 mS/m

FIGURE 1


KILOMETERS FROM ANTENNA
GROUND WAVE FIELD STRENGTH
VERSUS
DISTANCE
1250-1330 kHz
COMPUTED FOR 1290 kHz
ε = 15
INVERSE DISTANCE 100 mV/m AT 1 km
MILLIVOLTS PER METER
KILOMETERS FROM ANTENNA