

POTOMAC INSTRUMENTS, INC.

SILVER SPRING, MARYLAND

CERTIFICATE OF CALIBRATION

Field Intensity Meter Type WX-20

Serial No. 753

This instrument was calibrated in an induction field of 220.0 millivolts per meter. At each measurement frequency the measured field was recorded and a correction factor K was computed; the indicated field must be multiplied by K to obtain the true field.

For some instruments a second factor K_{10} is given for use only with measurements made on the 10 volts-per-meter full scale range. K_{10} is supplied only when applicable.

<u>KHz</u>	<u>K</u>	<u>K₁₀</u>	<u>KHz</u>	<u>K</u>	<u>K₁₀</u>
550	1.000		1100	1.000	
600	1.000		1200	1.000	
700	1.000		1300	1.000	
800	1.000		1400	1.000	
900	1.000		1500	1.000	
1000	1.000		1600	1.019	

Single frequency of KHz only, K

The calibrating field is maintained equal to the National Bureau of Standards standard field within an accuracy of 1.0 per cent. NBS states that the absolute accuracy of its field is "believed to be within 3.0 per cent".

The error at points on the meter scale other than the calibration point is less than 3.0 per cent. The attenuator ratios are correct within 2.0 per cent. These accuracies apply for battery voltages that are indicated by the instrument's battery check circuit to be useable.

NEXT RECOMMENDED CALIBRATION DATE May 1981Calibrated by Lynn D. Catino Date May 29, 1979

STATE OF MARYLAND

Personally appeared before me this 29th day of May 1979,

Lynn D. Catino, who testified under oath that the above calibration was made either by himself or under his direction and that the statements in the above certificate are true to the best of his knowledge and belief.

Robert H. Ellenberger
Notary Public

D95-23B

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FIGURE 6B

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVAL

MODEL NO. 213-1

SERIAL NUMBER 896

R		X	
CHECK POINTS	READINGS	CHECK POINTS	READINGS
0	<u>0</u>	0	<u>0</u>
5	<u>5.0</u>	5	<u>5.0</u>
10	<u>10.0</u>	10	<u>10.0</u>
20	<u>20.0</u>	20	<u>19.8</u>
40	<u>40.0</u>	50	<u>49.8</u>
50	<u>50.0</u>	70	<u>69.5</u>
70	<u>70.0</u>	100	<u>99.0</u>
100	<u>100.0</u>	+100	<u>0 + .5</u>
150	<u>150</u>	+200	<u>0 + .5</u>
200	<u>200</u>		
+100	<u>0 + .2</u>		
+200	<u>0 - .6</u>		

THIS CERTIFIES THIS UNIT IS WITHIN THE ACCEPTED TOLERANCE OF $\pm 2\%$ $\pm 1 \text{ OHM}$

CALIBRATED BY CCM

DATE 4/4/77

CALIBRATION REPORT

DELTA ELECTRONICS, INC. ALEXANDRIA, VIRGINIA CODE IDENT. NO. 19482	DR. JN	DWG. NO. <u>D94-35</u>		REV.
	APPD. <u>[Signature]</u>	USED ON <u>OIR-1</u>	SHEET 1 OF 1	



INDEPENDENT BROADCAST CONSULTANTS, INC.

FIGURE 7-A

FIELD INTENSITY MEASUREMENTS

Station/Client WJET Radial 0

Power 500 NDA Power 1000 [DA-D] DA-N DA-1

Frequency 1590 KHz Engineer Michael Black

Field Intensity Meter RCA WX-2C Calibrated 5/23/79

110 County Rd. 146, RFD #1
Trumansburg, New York 14886

POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	0.1	760	6/6	9:07					1/10 mile down driveway
2	0.2	480	"	9:10					Across 31A
3	0.3	350	"	9:12					Other side of Pond
4	0.4	320	"	9:15					In between buildings
5	0.5	250	"	9:19					By tennis courts
6	0.6	220	"	9:21					By Road-Ball Diamond
7	0.7	190	"	9:39					On Path
8	0.8	170	"	9:45	340	7/16	15:04	2	Road behind track
9	0.9	120	"	9:50	300	"	15:02	2.5	On road
10	1.0	99	"	9:55	200	"	15:00	(2.63)	by library
11	1.09	98	"	9:58	200	"	14:59	2.04	Across from McFarlane
12	1.20	92	"	10:03	190	"	14:56	2.07	Across from infirmary
13	1.30	83	"	10:11	185	"	15:54	2.23	Canal bank
14	1.40	71	"	10:25	160	"	14:50	2.25	Intersection of evergreen
15	1.50	65	"	10:28	140	"	14:49	2.15	Meadowview
16	1.55	58	"	10:31	140	"	14:44	2.41	My house
17	1.60	47	"	11:18	120	"	14:47	(2.55)	Idlewood
18	1.70	56	"	11:19	110	"	14:42	1.96	West Avenue
19	1.77	52	"	11:22	105	"	14:41	2.02	West Avenue
20	1.85	48	"	11:23	100	"	14:40	2.08	West Avenue
21	1.90	43	"	11:27	99	"	14:38	2.30	West Avenue
22	3.00	25	"	16:28	50	"	13:23	2	Field
23	3.10	26	"	16:31	47	"	13:21	1.81	Ridge Road
24	3.60	19	"	16:35	45	"	13:18	2.37	On Drake Road
25	4.40	13	"	16:37	32	"	13:16	2.46	On Drake Road
26	5.40	12	"	16:39	24	"	13:12	2	On Drake Road
27	5.70	12	"	16:40	17	"	13:09	(1.42)	On Drake Road
28	6.15	8	"	16:42	15	"	13:07	1.88	On Drake Road
29	6.00	5.5	"	16:46	8.2	"	13:06	(1.49)	On 18
30	7.20	5.5	"	16:51	7.9	"	1:04	(1.44)	On Drake Road
31	8.15	4.5	"	16:55	6.8	"	1:00	1.51	Brick School House Road
32	8.60	3.5	"	16:59	5.8	"	12:39	1.66	Church Road
33	9.65	2.4	"	17:02	5.0	"	12:37	2.08	On Redman Road
34	10.15	3.0	"	17:06	5.6	"	12:33	1.87	Jacobs Road
35	10.70	3.0	"	17:10	5.1	"	12:30	1.7	Moscow Road
36	10.90	2.8	"	17:12	4.6	"	12:29	1.64	Access Maintenance
37	11.00	2.5	"	17:15	4.5	"	12:28	1.8	At Park Entrance
38	11.37	2.1	"	17:19	4.2	"	12:26	2	Park Road
39	11.48	1.9	"	17:21	4.1	"	12:25	2.12	Area 2 Sidewalk
40	11.53	1.6	"	17:25	4.1	"	12:20	(2.56)	At Lake Shore Pt.
() RATIO EXCLUDED					RATIO AVERAGE =				2.03



FIGURE 7-B FIELD INTENSITY MEASUREMENTS

INDEPENDENT BROADCAST CONSULTANTS, INC.

Station/Client WJBT Radial 0

Power 500 NDA Power 1000 DA-D [DA-N] DA-1

110 County Rd. 146, RFD #1
Trumansburg, New York 14886

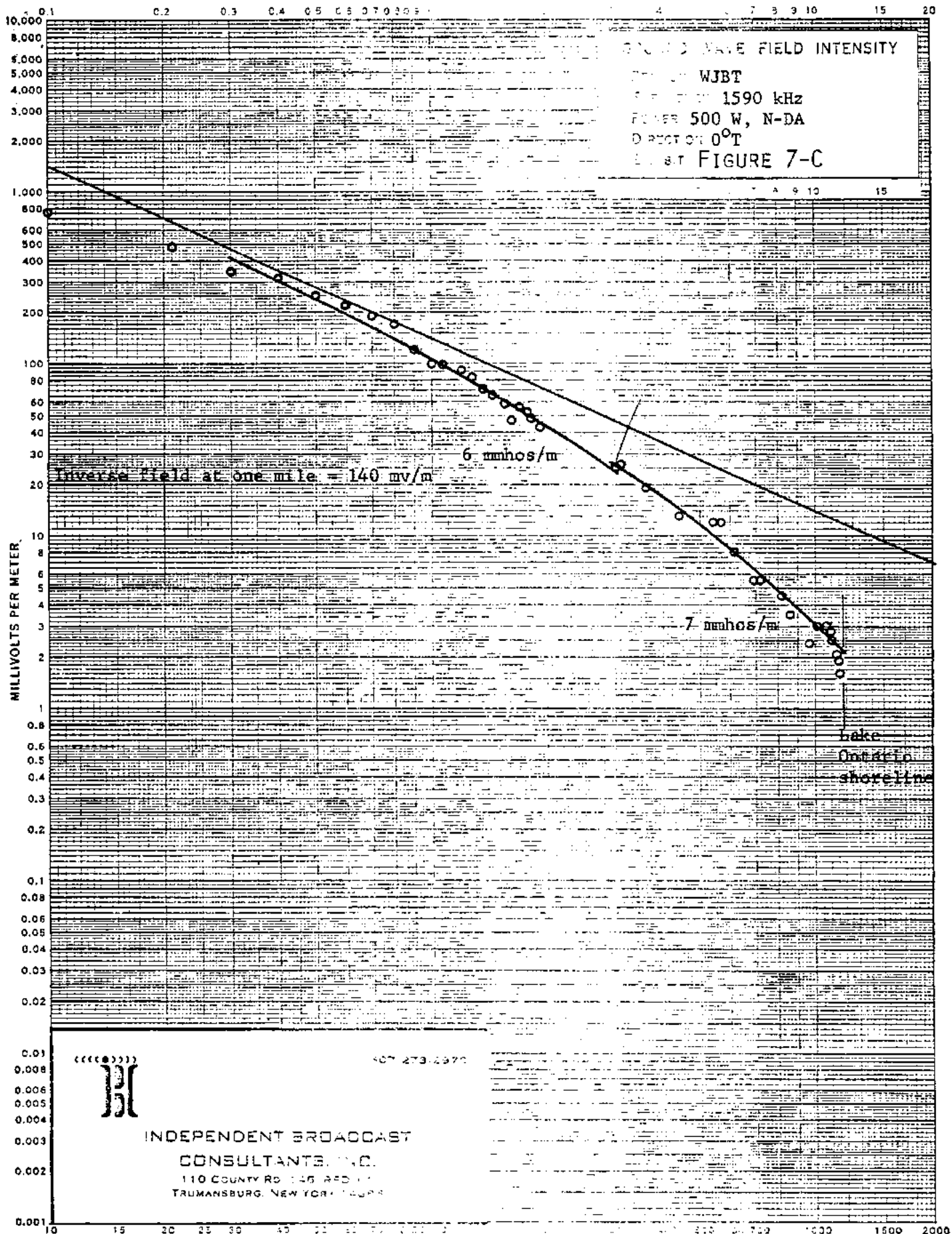
Frequency 1590 KHz Engineer Michael Black

Field Intensity Meter RCA WX-2C Calibrated 5/23/79

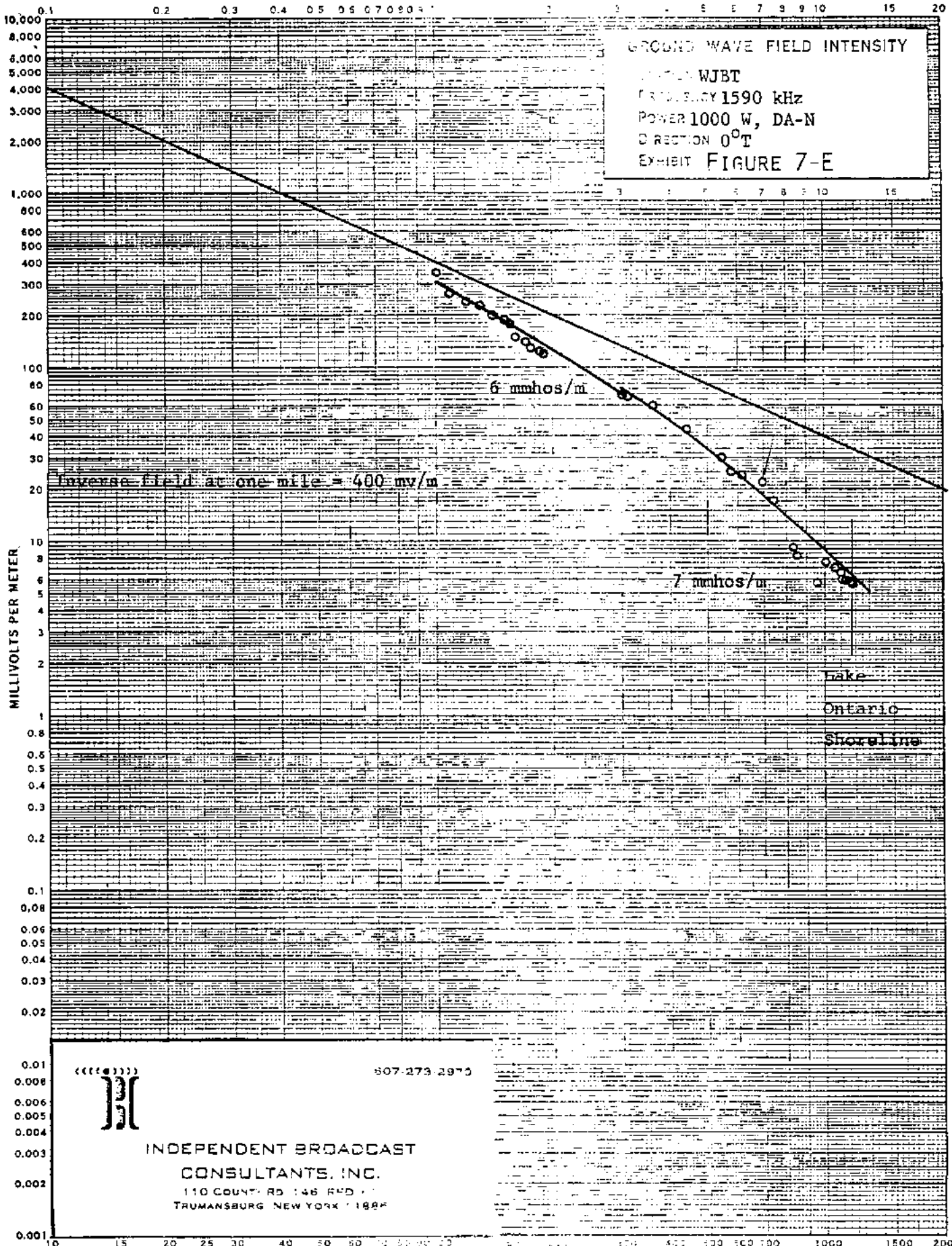
POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	0.1	760	6/6	9:07					1/10 mile down driveway
2	0.2	480	"	9:10					Across 31A
3	0.3	350	"	9:12					Other side of Pond
4	0.4	320	"	9:15					In between buildings
5	0.5	250	"	9:19					By tennis courts
6	0.6	220	"	9:21					By Road-Ball Diamond
7	0.7	190	"	9:39					On Path
8	0.8	170	"	9:45					Road behind track
9	0.9	120	"	9:50					On road
10	1.0	99	"	9:55	350	7-8-80	11:37	3.54	by library
11	1.09	98	"	9:58	270	"	11:34	2.76	Across from McFarlane
12	1.20	92	"	10:03	240	"	11:32	2.61	Across from infirmary
13	1.30	83	"	10:11	230	"	11:04	2.77	Canal bank
14	1.40	71	"	10:25	200	"	11:05	2.82	Intersection of evergreen
15	1.50	65	"	10:28	170	"	11:06	2.92	Meadowview
16	1.55	58	"	10:31	190	"	11:08	3.10	My house
17	1.60	47	"	11:18	150	"	11:08	3.19	Idlewood
18	1.70	56	"	11:10	140	"	11:10	2.5	West Avenue
19	1.77	52	"	11:22	130	"	11:11	2.5	West Avenue
20	1.95	48	"	11:23	125	"	11:12	2.60	West Avenue
21	1.97	43	"	11:27	120	"	11:13	2.79	West Avenue
22	3.00	25	"	16:28	70	7/7	17:23	2.8	Field
23	3.10	26	"	16:31	68	"	17:21	2.61	Ridge Road
24	3.60	10	"	16:35	60	"	17:19	3.16	On Drake Road
25	4.40	13	"	16:37	44	"	17:17	3.38	On Drake Road
26	5.40	12	"	16:30	30	"	17:15	2.5	On Drake Road
27	5.70	12	"	16:40	26	"	17:14	(2.17)	On Drake Road
28	6.15	8	"	16:42	24	"	17:12	3.0	On Drake Road
29	6.90	5.5	"	16:46	22	"	17:11	(4.0)	On 18
30	7.20	5.5	"	16:51	17.5	"	17:08	3.18	On Drake Road
31	8.15	4.5	"	16:55	9.1	"	17:04	(2.02)	Brick School House Road
32	8.60	3.5	"	16:59	8.1	"	17:00	2.31	Church Road
33	9.65	2.4	"	17:02	5.8	"	16:52	2.42	On Redman Road
34	10.15	3.0	"	17:06	7.4	"	16:56	2.47	Jacobs Road
35	10.70	3.0	"	17:10	7.0	"	16:52	2.33	Wassow Road
36	10.90	2.8	"	17:12	6.7	"	16:51	2.39	Access Maintenance
37	11.00	2.5	"	17:15	6.1	"	16:49	2.44	At Park Entrance
38	11.37	2.1	"	17:19	5.1	"	16:46	2.90	Park Road
39	11.48	1.9	"	17:21	5.9	"	16:42	3.11	Area 2 Sidewalk
40	11.53	1.6	"	17:25	5.8	"	16:43	3.63	At Lake Shore Pt.

() RATIO EXCLUDED

RATIO AVERAGE = 2.81

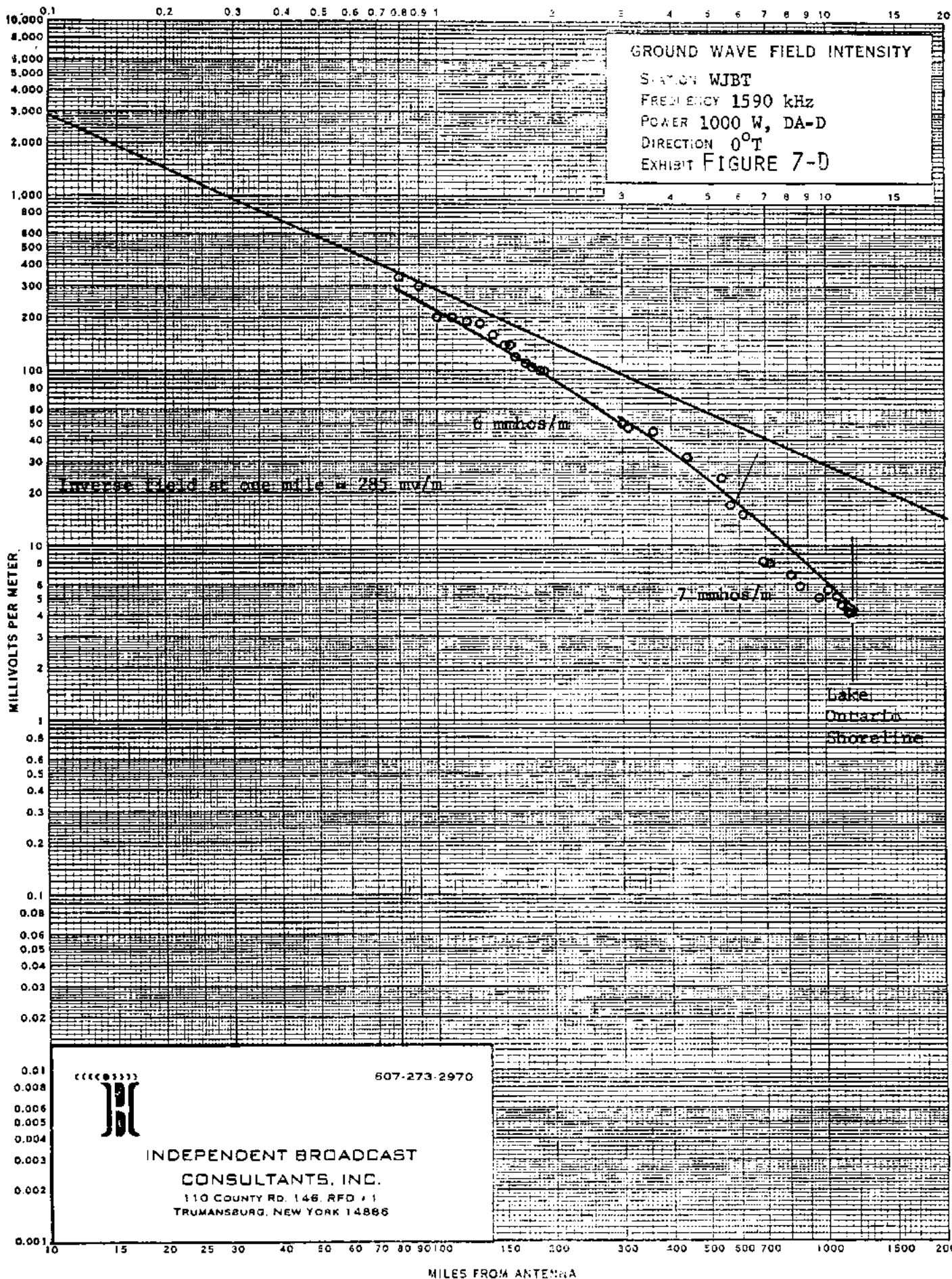


MILES FROM ANTENNA



MILES FROM ANTENNA

MILES FROM ANTENNA





INDEPENDENT BROADCAST CONSULTANTS, INC.

110 County Rd. 146, RFD #1
Trumansburg, New York 14886

FIGURE 7-F

FIELD INTENSITY MEASUREMENTS

Station/Client WJET Radial 30
Power 500 NDA Power 1000 [DA-D] DA-N DA-1
Frequency 1590 KHz Engineer Michael Black
Field Intensity Meter RCA WX-2C Calibrated 5/23/79

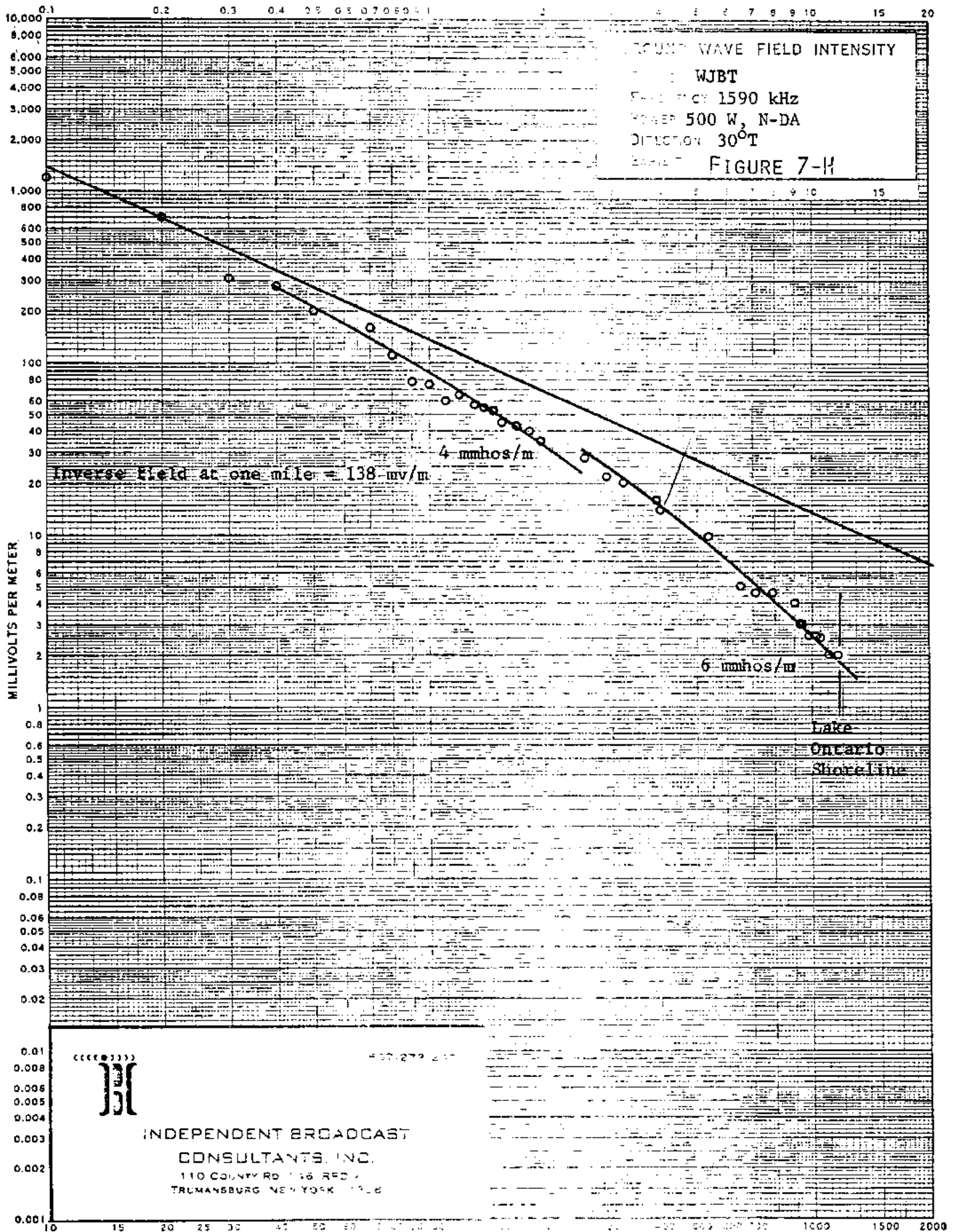
POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	0.1	1200	6/6	13:38					In field
2	0.2	700	"	13:32					By 31A
3	0.3	310	"	13:29					Field behind Wegman's
4	0.4	260	"	13:28					Field behind Wegman's
5	0.5	200	"	13:25					Behind Apartments
6	0.7	160	"	13:20					Behind SIDE APARTMENTS
7	0.8	110	"	13:18					Coleman Creek Road
8	0.9	78	"	13:14	86	7/16	15:30	(1.10)	Centenial
9	1.0	75	"	13:11	75	"	15:32	1.0	Main Street
10	1.1	60	"	13:07	60	"	15:34	1.0	Park & Main
11	1.2	65	"	13:04	73	"	15:35	(1.12)	Rail Road
12	1.3	57	"	13:01	45	"	15:37	.79	South Street
13	1.35	55	"	12:58	40	"	15:35	.73	Union
14	1.44	53	"	12:55	43	"	15:41	.81	State
15	1.53	45	"	12:51	39	"	15:44	.87	Market
16	1.65	43	"	12:49	25	"	15:46	(.58)	Barry & Park
17	1.85	47	"	12:47	35	"	15:46	.88	Fraiser
18	1.95	35	"	12:44	36	"	15:49	1.03	East Avenue
19	2.55	28	"	18:40	24	"	13:28	.86	Behind Lynwood
20	2.90	22	"	18:38	19	"	13:27	.86	1/10 mile from trailer park
21	3.20	21	"	18:35	16	"	13:28	.80	On lake
22	3.90	16	"	18:34	15	"	13:31	(1.07)	Gilmore
23	4.00	14	"	18:35	9.9	"	13:35	.71	On housing development
24	5.35	9.8	"	18:30	4.6	"	13:39	(.47)	Lawton Road
25	6.50	5.20	"	18:22	4.0	"	13:44	.80	Lawrence
26	7.00	4.60	"	18:12	2.8	"	13:47	.61	On 18
27	7.90	4.6	"	18:09	2.7	"	13:48	(.59)	Hamlin Center Rd
28	9.00	4.0	"	18:07	2.4	"	13:50	(.60)	Side Rd
29	9.2	3.0	"	18:06	2.5	"	13:51	.83	Brick School House Rd & 261
30	9.3	3.0	"	18:04	2.3	"	13:52	.77	In Field
31	9.66	2.6	"	18:00	2.7	"	13:55	(1.03)	Church Road
32	10.25	2.6	"	17:57	2.2	"	13:56	.85	Chase Road
33	10.50	2.5	"	17:58	1.8	"	14:00	.72	Chase Rd.
34	11.10	2.0	"	17:50	1.8	"	14:01	.9	N. Hamlin Rd.
35	11.68	2.0	"	17:44	1.9	"	14:02	.85	Parkway
() RATIO EXCLUDED					RATIO AVERAGE =			.834	

FIGURE 7-6
FIELD INTENSITY MEASUREMENTS

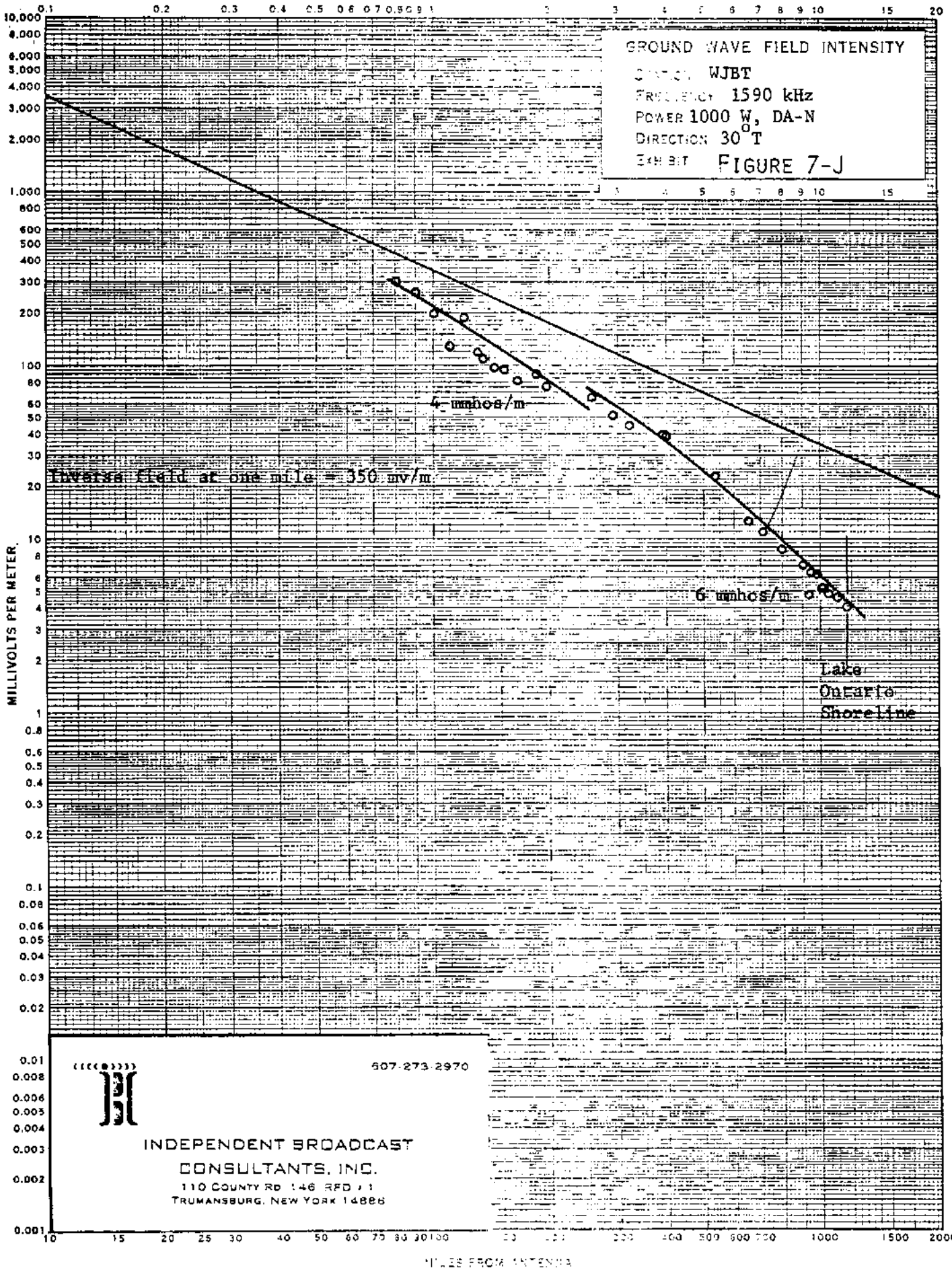
INDEPENDENT BROADCAST CONSULTANTS, INC.

Station/Client WJBT Radial 30Power 500 NDA Power 1000 DA-D [DA-N] DA-1Frequency 1590 KHz Engineer Michael BlackField Intensity Meter RCA WX-2C Calibrated 5/23/79110 County Rd. 146, RFD #1
Trumansburg, New York 14886

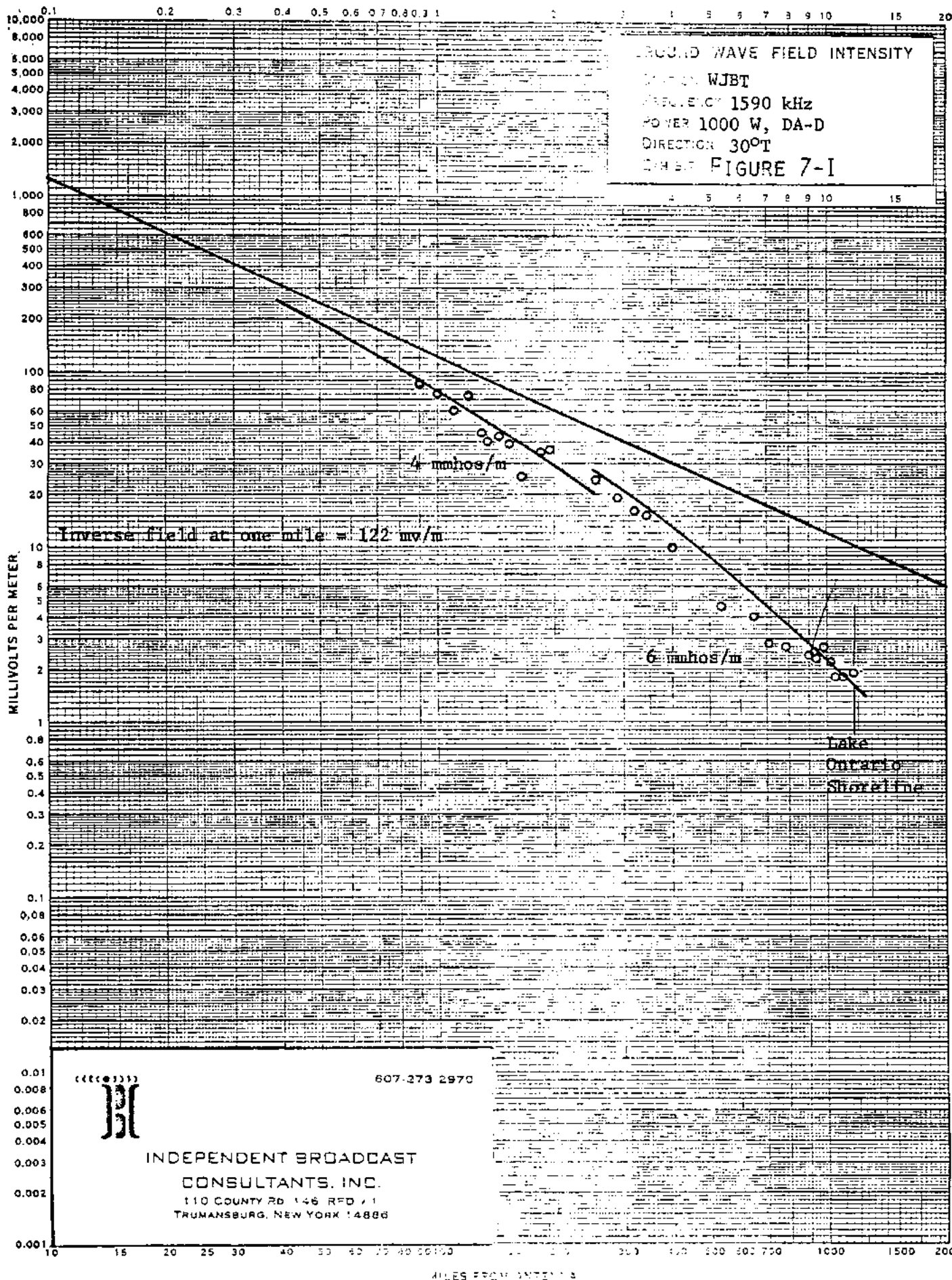
POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	0.1	1200	6/6	13:38					In field
2	0.2	700	"	13:32					By 31A
3	0.3	310	"	13:29					Field behind Wegman's
4	0.4	260	"	13:28					Field behind Wegman's
5	0.5	200	"	13:25					Behind Apartments
6	0.7	160	"	13:20					Behind SIDE APARTMENTS
7	0.8	110	"	13:18	300	7-8-80	12:22	2.72	Coleman Creek Road
8	0.9	78	"	13:14	260	"	12:24	(3.33)	Centerial
9	1.0	75	"	13:11	200	"	12:26	2.67	Main Street
10	1.1	60	"	13:07	130	"	12:27	2.17	Park & Main
11	1.2	65	"	13:04	190	"	12:29	2.92	Rail Road
12	1.3	57	"	13:01	120	"	12:31	2.11	South Street
13	1.35	55	"	12:58	110	"	12:34	(2.0)	Union
14	1.44	53	"	12:55	98	"	12:36	(1.75)	State
15	1.53	45	"	12:51	94	"	12:39	2.09	Market
16	1.65	43	"	12:49	32	"	12:41	(1.91)	Barry & Park
17	1.85	40	"	12:47	90	"	12:44	2.25	Fraiser
18	1.95	35	"	12:44	76	7/7	15:49	2.17	East Avenue
19	2.55	28	"	18:40	66	"	15:50	2.35	Behind Lynwood
20	2.90	22	"	18:38	52	"	15:55	2.36	10 mile from trialer park
21	3.20	20	"	18:35	45	"	15:57	2.25	On lake
22	3.90	16	"	18:34	40	"	15:59	2.50	Gilmore
23	4.00	14	"	18:35	39.9	"	15:59	2.85	On housing development
24	5.35	9.8	"	18:30	23	"	16:04	2.39	Lawton Road
25	6.50	5.0	"	18:22	13	"	16:09	2.60	Lawrence
26	7.00	4.60	"	18:12	11	"	16:13	2.39	On 18
27	7.90	4.6	"	18:09	3.9	"	16:17	(1.93)	Hamlin Center Rd
28	9.00	4.0	"	18:07	7.2	"	16:18	(1.8)	Side Rd
29	9.2	3.0	"	18:06	4.8	"	16:20	(1.6)	Brick School House Rd & 261
30	9.3	3.0	"	18:04	6.5	"	16:21	2.17	In Field
31	9.66	2.6	"	18:00	6.4	"	16:23	2.46	Church Road
32	10.25	2.6	"	17:57	5.3	"	16:25	2.04	Chase Road
33	10.50	2.5	"	17:58	4.8	"	16:26	(1.92)	Chase Rd.
34	11.10	2.0	"	17:50	4.6	"	16:29	2.30	N. Hamlin Rd.
35	11.68	2.0	"	17:44	4.0	"	16:36	(2.0)	Parkway
() RATIO EXCLUDED					RATIO AVERAGE =				2.39

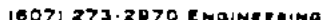


MILES FROM ANTENNA



MILES FROM ANTENNA





INDEPENDENT BROADCAST CONSULTANTS, INC.

Station/Client WJBT Radial 70

Power500 NDA Power 1000 [DA-D] DA-N DA-L

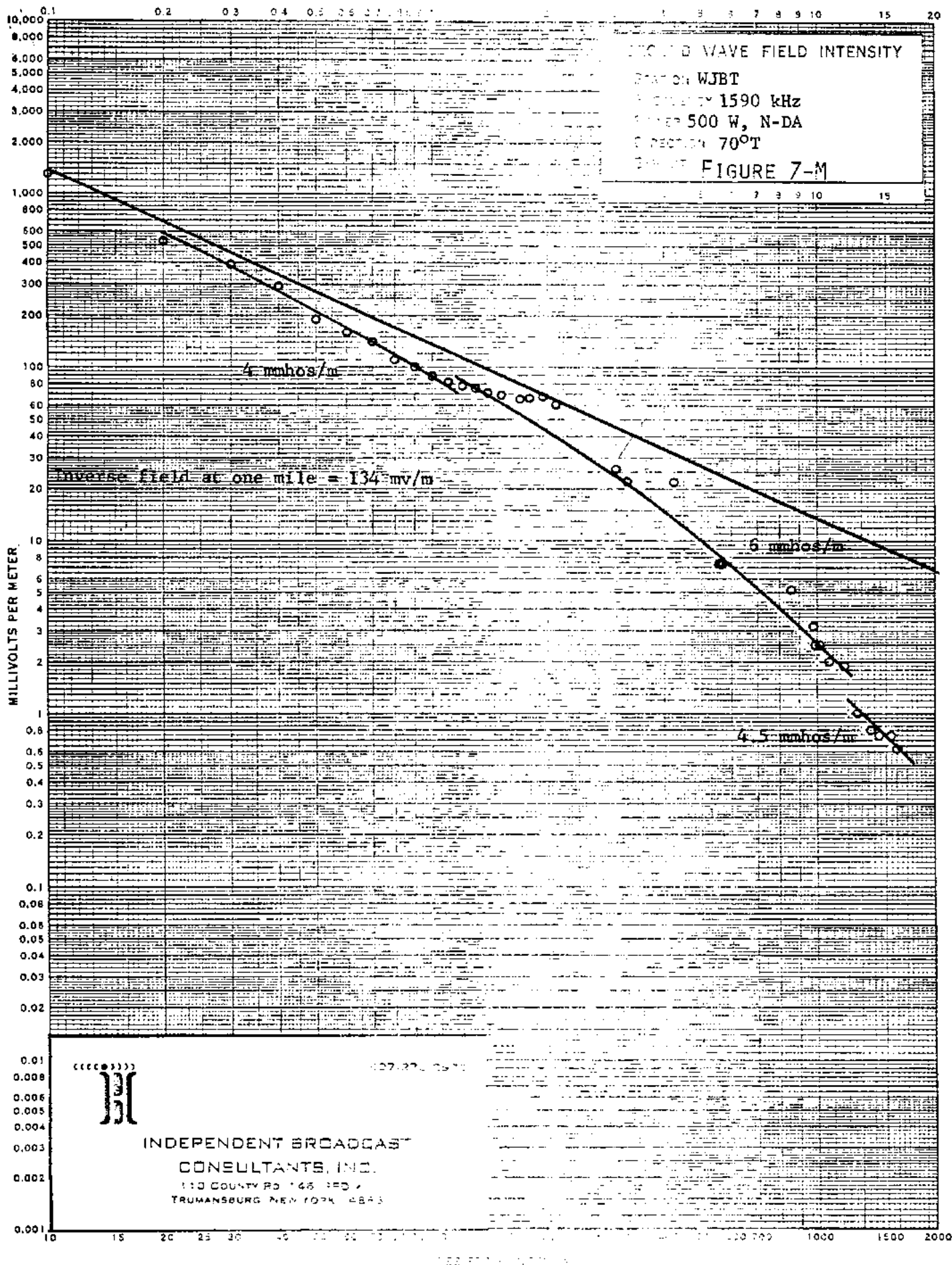
Frequency 1597 KHz Engineer BLACK

Field Intensity Meter RCA WX-2C Calibrated 5/23/79

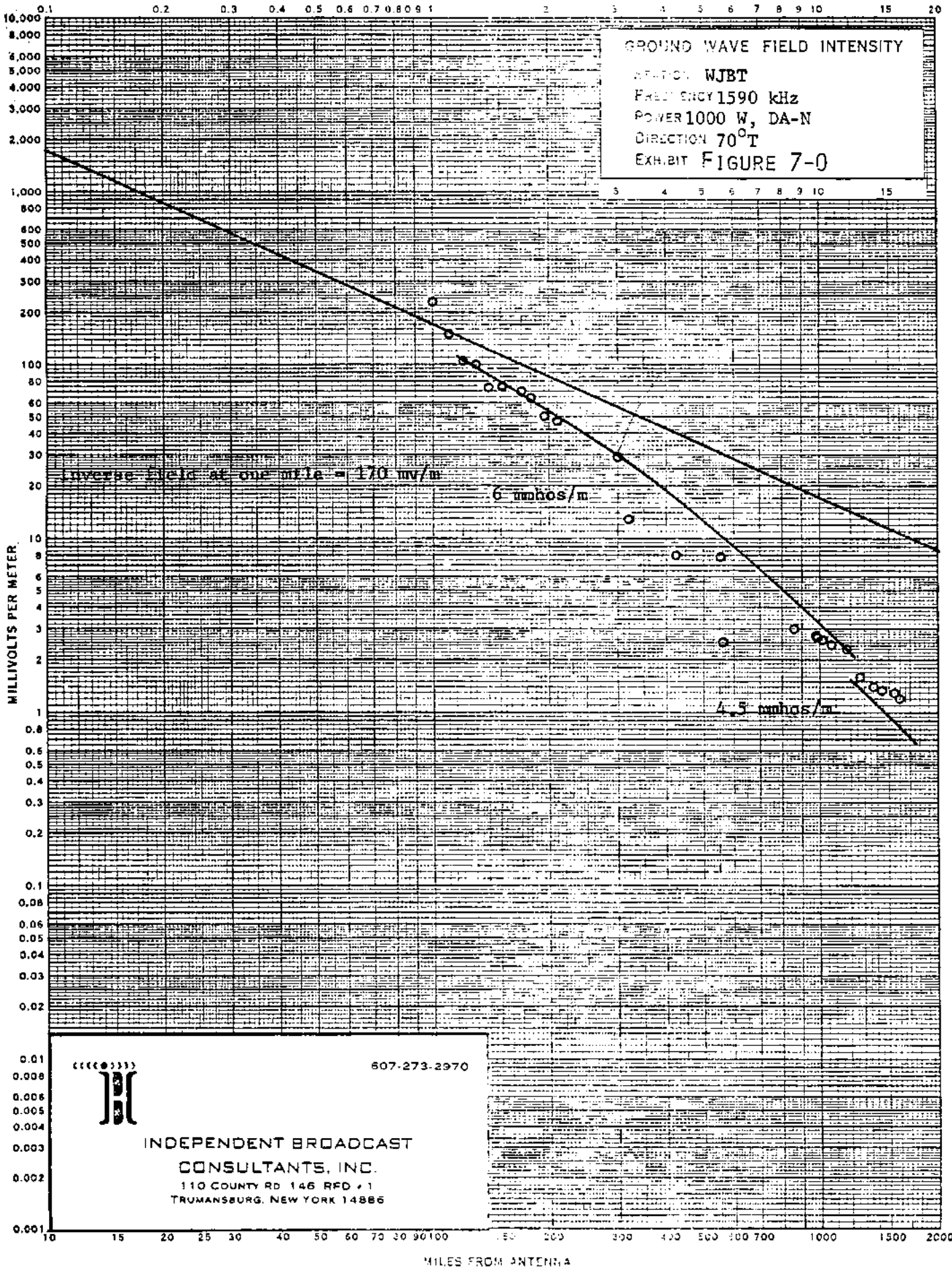
110 County Rd. 146, RFD #1

Trumansburg, New York 14886

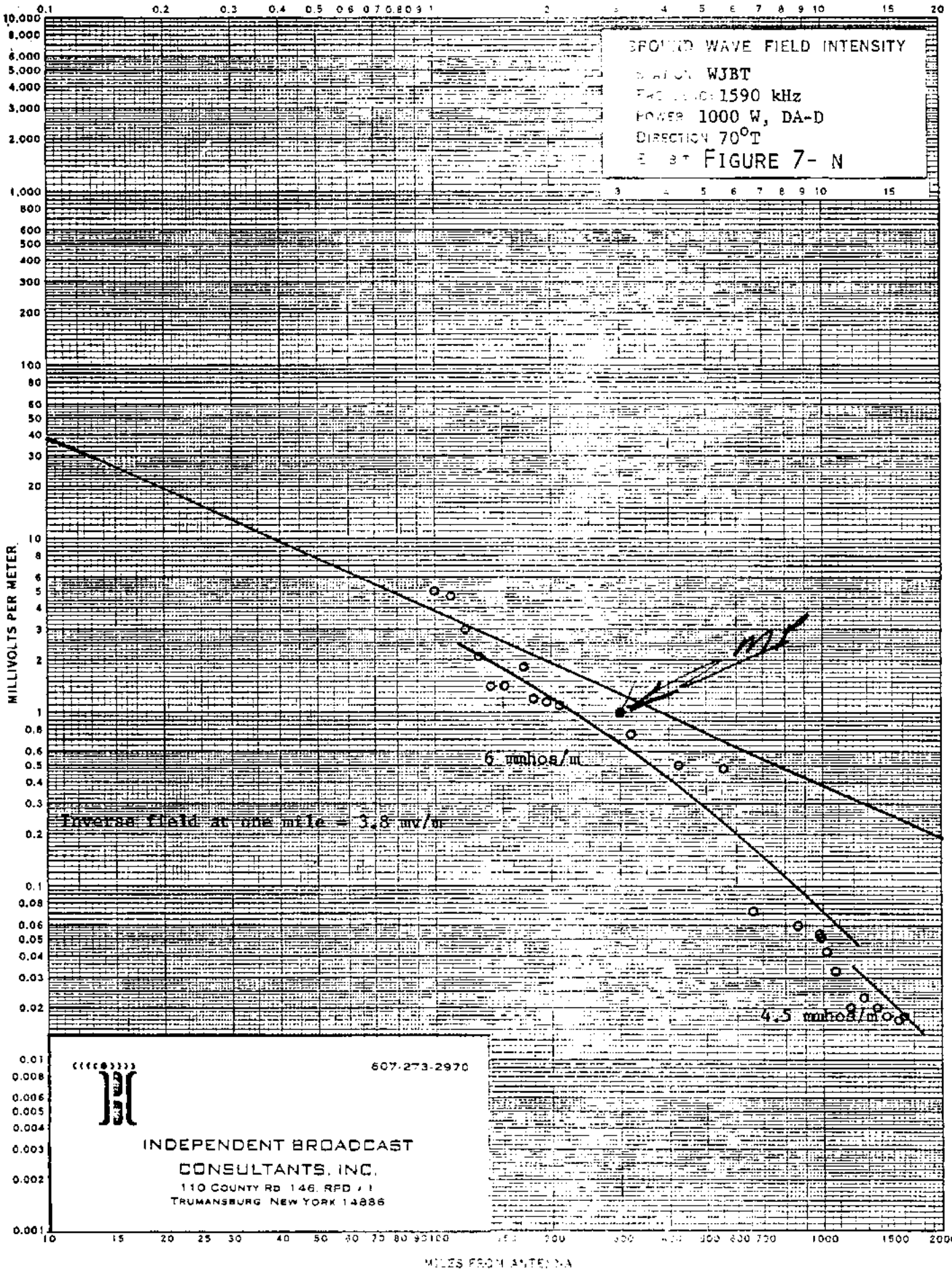
POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME / TEMP	DA MV/M	DATE	TIME / TEMP	RATIO : DA/NON-DA	COMMENTS
1	0.1	1300	6/7	16:19					In Field
2	0.2	530	"	16:15					In Field
3	0.3	390	"	16:12					Durves
4	0.4	290	"	16:07					At 19
5	0.5	190	"	16:02					Plaza
6	0.6	160	"	17:56					On 31
7	0.7	140	"	17:49					Sweden village
8	0.8	110	"	17:42					Field
9	0.9	100	"	17:37					Behind houses
10	1.0	88	"	17:34	5.0	7/15	8:37	.06	Behind houses
11	1.1	82	"	17:29	4.7	"	8:39	.06	Field
12	1.2	78	"	17:21	3.0	"	8:40	.04	On 19
13	1.3	76	"	17:10	2.1	"	8:42	.03	Field
14	1.4	71	"	16:52	1.4	"	9:09	.02	Hometown
15	1.52	69	"	16:47	1.4	"	9:12	.02	At entrance Hometown
16	1.70	66	"	16:42	1.8	"	9:13	(.1)	Field
17	1.80	67	"	16:34	1.2	"	9:13	.02	Field
18	1.95	68	"	16:24	1.15	"	9:14	.02	Field
19	2.1	60	"	15:44	1.1	"	9:14	.02	Tracks
20	3.0	26	"	15:41	1.0	"	9:16	.04	Sweden Walker Road
21	3.2	22	"	15:35	.75	"	9:20	.03	Canal
22	4.25	22	"	15:45	.50	"	9:25	.02	Gallup Rd.
23	5.55	7.4	"	15:39	.48	"	9:26	.07	Ridge
24	5.62	7.3	"	15:36	.072	"	9:30	.01	Hinleyville
25	8.58	5.2	"	15:29	.060	"	9:37	.02	On 250
26	9.77	3.2	"	15:21	.054	"	9:40	.02	Dean Road
27	9.9	2.5	"	15:18	.051	"	9:40	.02	Peck Road
28	10.2	2.5	"	15:13	.043	"	9:42	.02	Bailey
29	10.75	2.0	"	15:00	.033	"	9:49	.02	Manitou
30	11.76	1.9	6/10	8:00	.020	"	9:52	(.11)	N. Greece Road
31	12.7	1.0	"	8:10	.023	"	9:53	.023	Flynn Road
32	13.75	0.8	"	8:12	.020	"	9:55	.025	Long Pond Road
33	14.4	0.75	"	8:14	.018	"	9:57	.02	Janes Road
34	15.5	0.75	"	8:15	.017	"	9:58	.02	Cottage Road
35	16.0	0.62	"	8:18	.018	"	10:00	.03	Edgemere Drive
() EXCLUDED FROM RATIO AVERAGE.						RATIO	AVERAGE=0.028		



MILES FROM ANTENNA



MILES FROM ANTENNA



FIELD INTENSITY MEASUREMENTS

INDEPENDENT BROADCAST CONSULTANTS, INC.

Station/Client WJBT Radial 100Power 500 NDA Power 1000 [DA-D] DA-N DA-1Frequency 1590 KHz Engineer BlackField Intensity Meter RCA WX-2C Calibrated 5/23/79

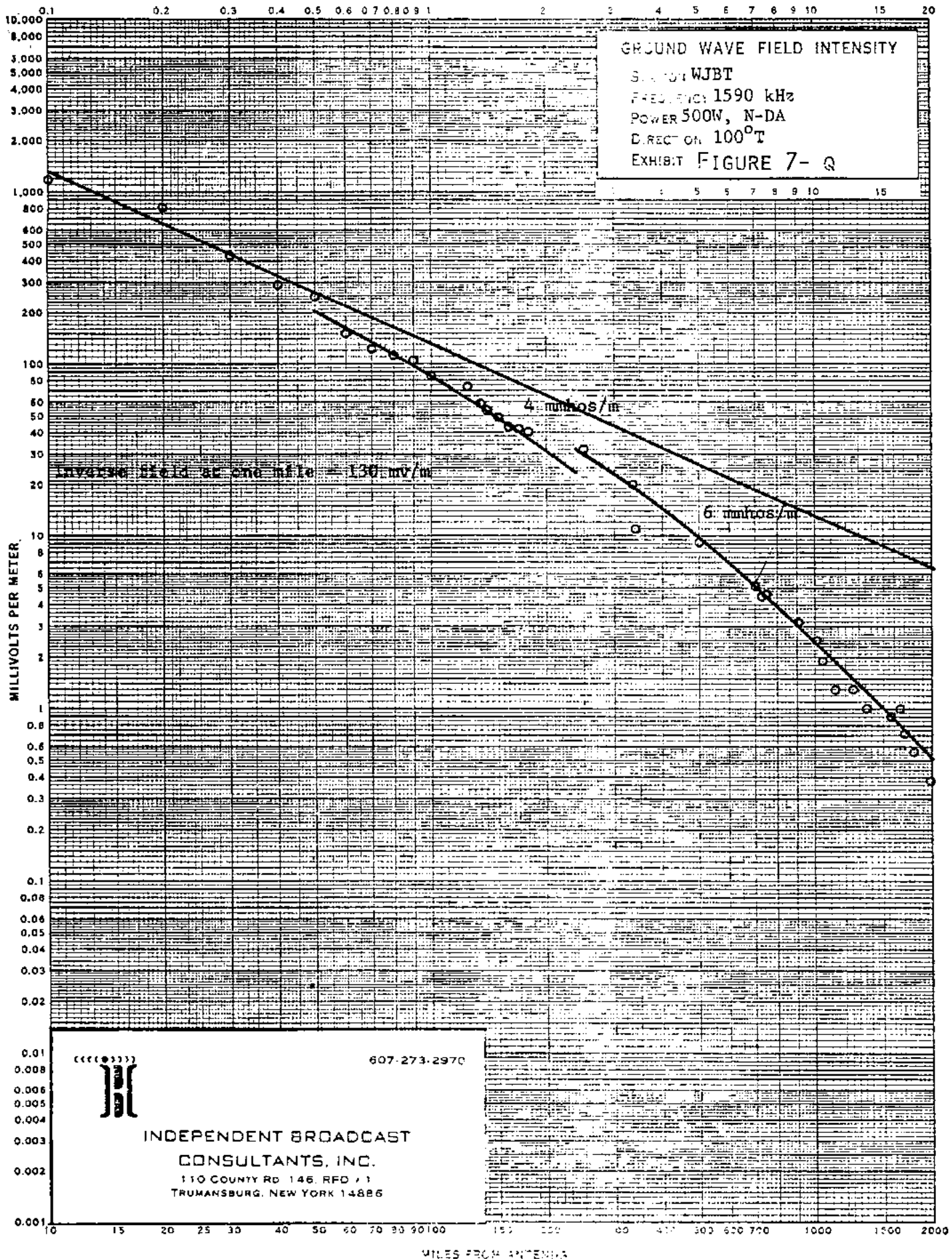
110 County Rd. 146, RFD #1

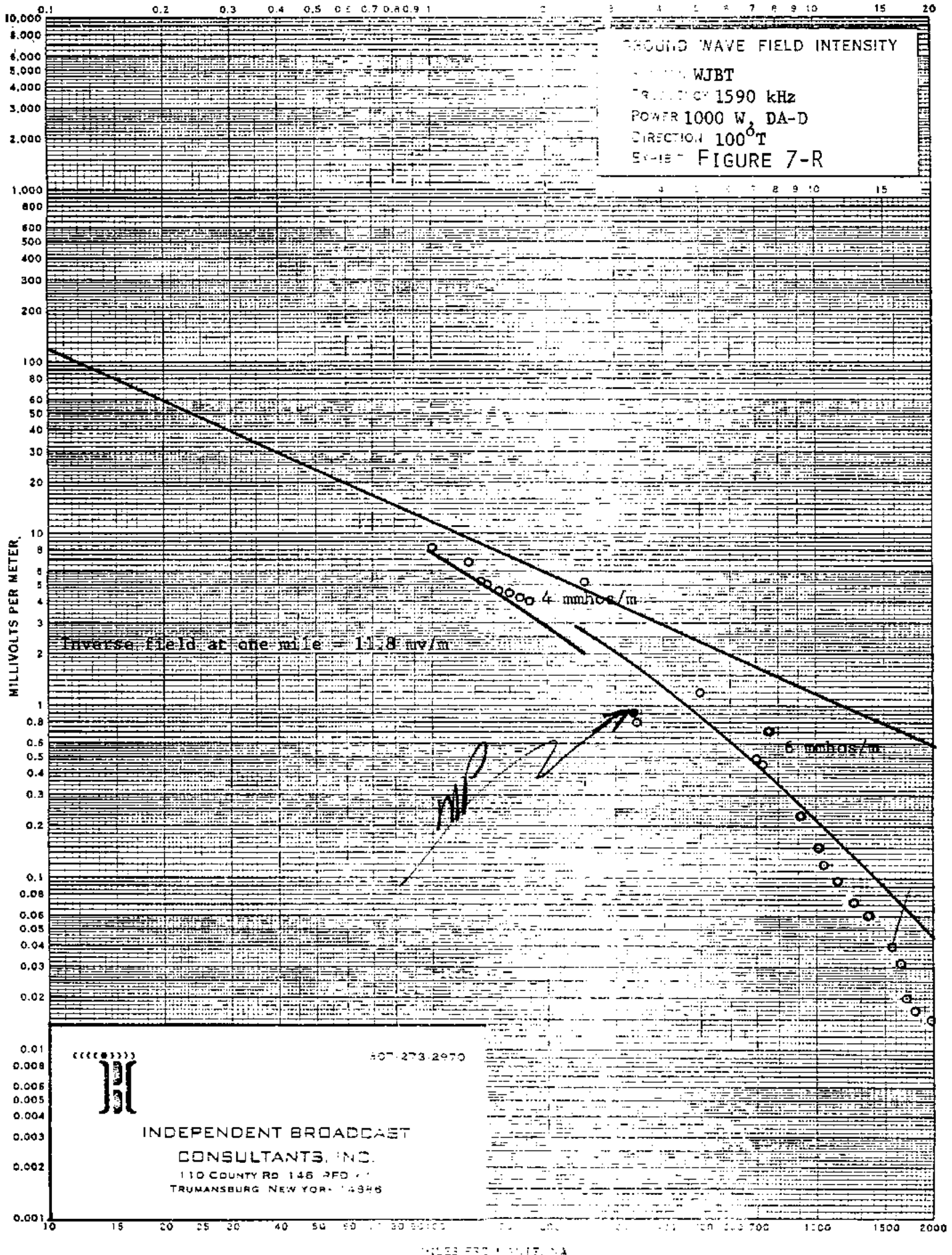
Trumansburg, New York 14886

POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	.1	1180	6/11						
2	.2	815	"	13:06					
3	.3	429	"	13:10					
4	.4	289	"	13:22					
5	.5	247	"	13:23					
6	.6	150	"	13:25					
7	.7	123	"	13:27					
8	.8	113	"	13:30					
9	.9	105	"	13:34					
10	1.0	85	"	13:36	8.2	7/15	8:21	.10	
11	1.25	73	"	13:39	6.8	"	8:19	.09	
12	1.35	59	"	13:42	5.25	"	8:17	.09	
13	1.4	54	"	13:47	5.0	"	8:15	.09	
14	1.5	49	"	13:50	4.6	"	8:11	.09	
15	1.6	43	"	13:53	4.5	"	8:09	.10	
16	1.7	42	"	13:54	4.25	"	8:07	.10	
17	1.8	40	"	13:56	4.0	"	8:05	.10	
18	2.5	32	6/7	13:26	5.2	"	11:11	(.16)	Sweden Walker
19	3.35	20	"	13:30	.91	"	11:13	.05	Salmon Creek Road
20	3.4	11	"	13:34	.8	"	11:08	.07	Hubbell Road
21	5.0	9.2	"	13:38	1.2	"	11:04	(.13)	36
22	7.0	5.2	"	13:42	.49	"	11:02	.020	Colby Street
23	7.3	4.5	"	13:44	.45	"	11:00	.10	Colby Street, Behind house
24	7.51	4.6	"	13:45	.71	"	10:58	(.15)	259
25	9.1	3.2	"	13:50	.23	"	10:53	.07	By cemetery
26	10.17	2.5	"	13:54	.15	"	10:51	.06	Manitou Road
27	10.45	1.9	"	13:57	.12	"	10:49	.06	In Gates Park
28	11.30	1.3	"	14:01	.097	"	10:46	.07	Elmgrove Road
29	12.60	1.3	"	14:05	.072	"	10:43	.060	Lyell Road
30	13.65	1.0	"	14:09	.061	"	10:40	.06	Tarwood Drive
31	15.70	0.9	"	14:14	.040	"	10:12	.04	On 490
32	16.65	1.0	"	14:20	.032	"	10:18	.03	West Main Street
33	17.10	0.72	"	14:25	.020	"	10:22	.03	Ford & Troy Street
34	17.90	0.56	"	14:30	.017	"	10:25	.03	Monroe Avenue
35	19.80	0.38	"	14:40	.015	"	10:29	.04	490

() EXCLUDED FROM RATIO AVERAGE RATIO AVERAGE=0.067

MILES FROM ANTENNA





FIELD INTENSITY MEASUREMENTS

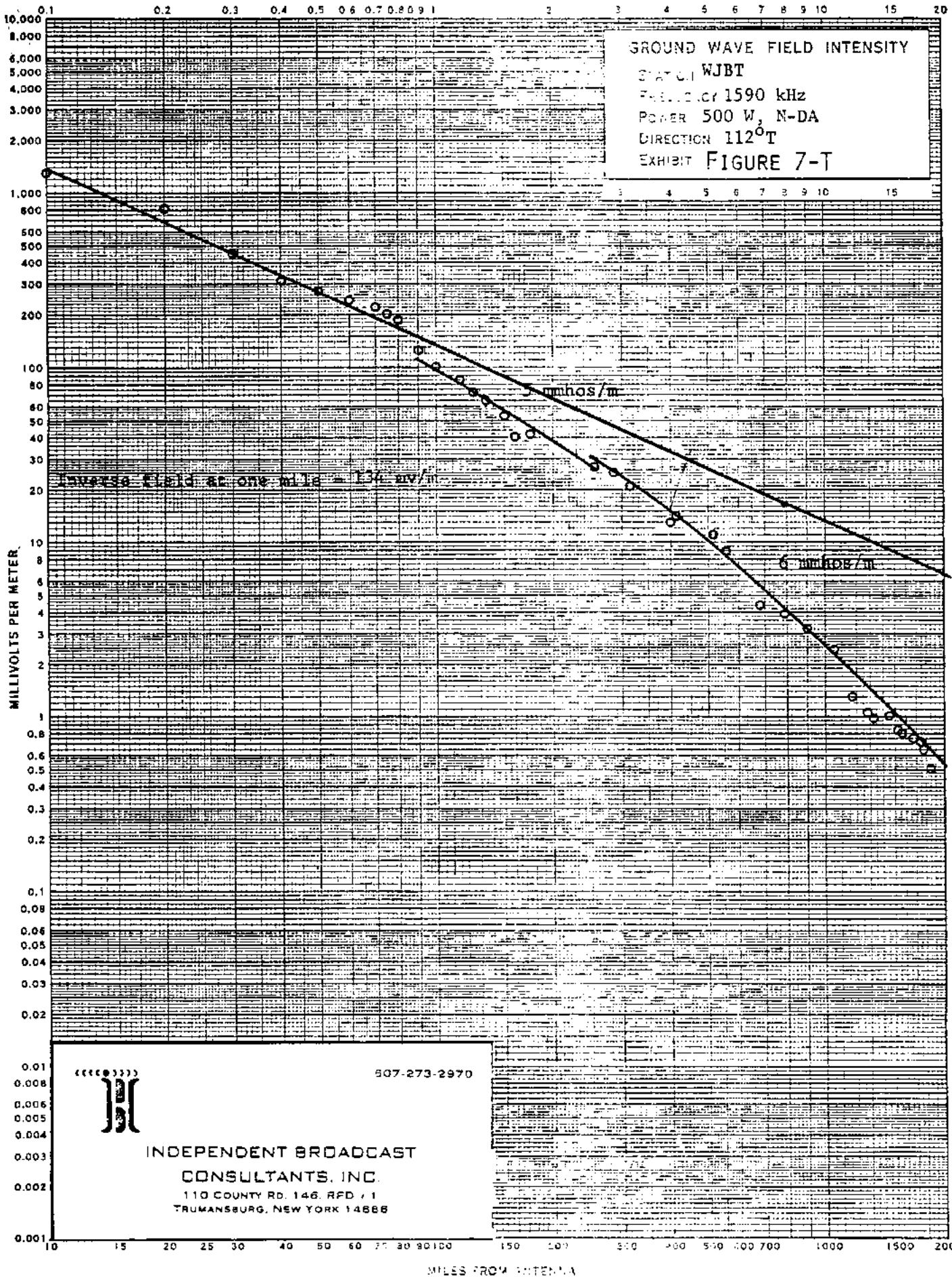
INDEPENDENT BROADCAST CONSULTANTS, INC.

110 County Rd. 146, RFD #1
Trumansburg, New York 14886

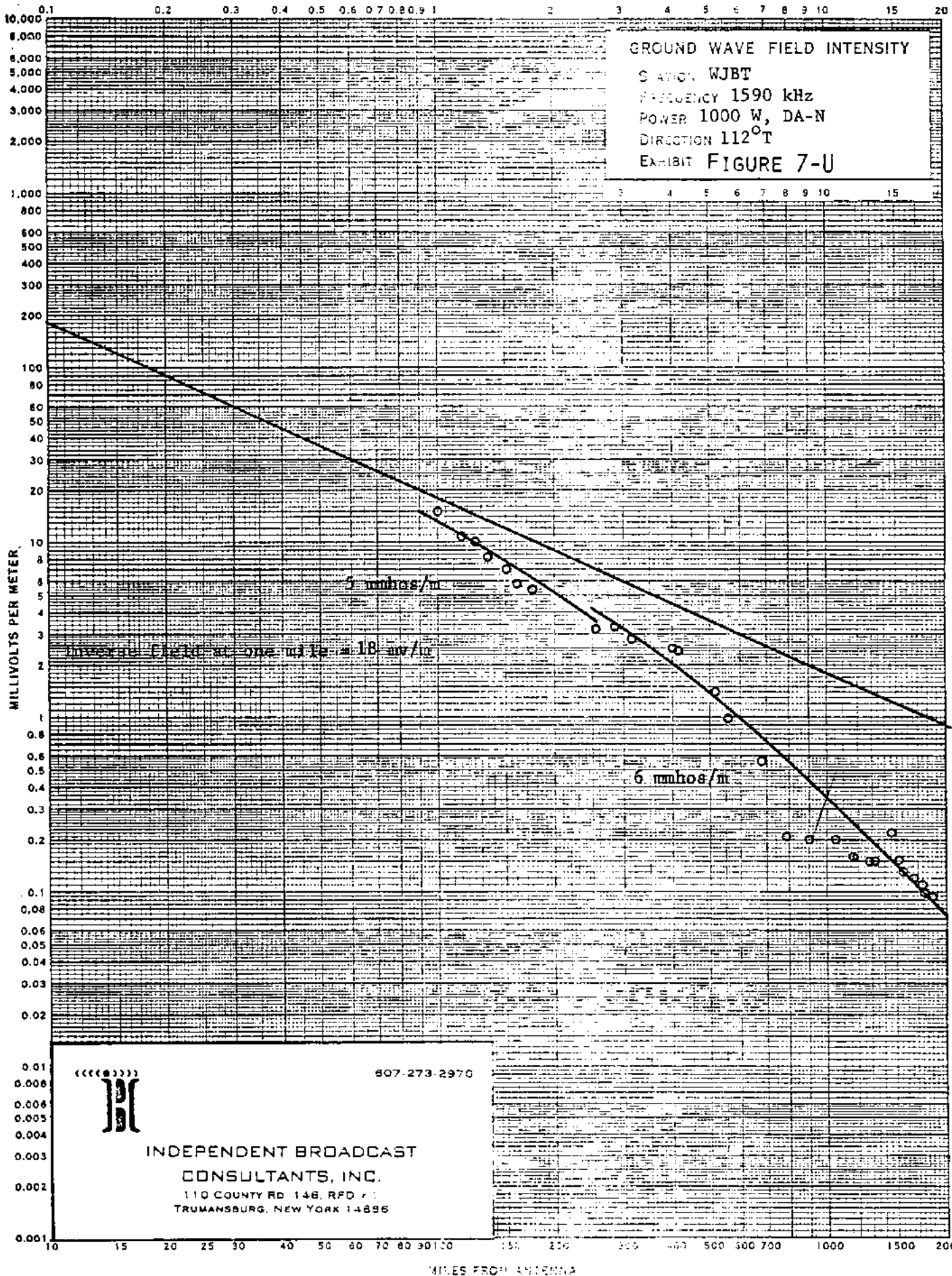
Station/Client WJET Radial 112Power 500 NDA Power 1000 DA-D [DA-N] DFrequency 1500 KW Engineer BlackField Intensity Meter RCA WX-2C Calibrated 5/23

POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	.1	1300	7/1	16:30					Field
2	.2	820	"	16:28					"
3	.3	450	"	16:26					"
4	.4	312	"	8:49					Route 19
5	.5	275	"	8:51					Field
6	.6	240	"	16:31					Cemetery
7	.7	222	"	16:33					"
8	.75	200	"	16:35					"
9	.80	185	"	16:40					"
10	.90	125	"	16:43					Field
11	1.0	100	"	16:47	15	7-7-80	8:10	(.22)	"
12	1.15	85	"	16:50	11	"	8:08	(.26)	"
13	1.25	72	"	16:53	10	"	8:05	(.26)	"
14	1.35	64	"	16:56	8.2	"	8:01	.17	"
15	1.50	53	"	17:00	7.0	"	1:05	.18	Shumway
16	1.60	40	"	17:05	5.8	"	1:07	(.20)	Field
17	1.75	42	"	17:07	5.4	"	1:10	.17	Field
18	2.55	27	"	8:58	3.2	"	12:59	.12	Sweden Walker
19	2.85	25	"	9:01	3.3	"	12:57	.13	Colby Street
20	3.15	21	"	9:03	2.8	"	12:55	.13	Salmon Creek Road
21	4.0	13	"	9:13	2.5	"	12:52	(.19)	Horse Track
22	4.15	14	"	9:14	2.4	"	12:51	.17	Hubble Road
23	5.18	11	"	9:16	1.4	"	12:48	.13	Route 36
24	5.58	8.0	"	9:18	.98	"	12:46	.11	Chambers
25	6.8	4.4	"	9:23	.56	"	12:43	.12	Vroom Road
26	7.9	3.9	"	9:27	.21	"	12:40	.05	250
27	9.0	3.2	"	9:33	.20	"	12:36	.06	Hutchins
28	10.55	2.4	"	9:33	.20	"	12:32	.08	33
29	11.7	1.3	"	9:48	.16	"	12:26	.12	Coldwater
30	12.8	1.05	"	9:51	.15	"	12:23	.14	Westside Drive
31	13.25	.08	"	9:56	.15	"	12:13	.15	33A
32	14.6	1.0	"	10:04	.22	"	12:12	(.22)	Airport Beahan
33	15.27	.83	"	10:11	.15	"	12:07	.18	Scottsville Road
34	15.66	.80	"	10:21	.13	"	12:04	.16	East River Road
35	16.7	.75	"	10:23	.12	"	11:59	.15	Crittenden Road
36	17.45	.71	"	10:33	.11	"	11:37	.15	Route 15
37	17.7	.65	"	10:35	.098	"	11:35	.15	Dolemite Plant
38	18.45	.50	"	10:37	.095	"	11:33	(.19)	Route 15A
() EXCLUDED FROM RATIO AVERAGE					RATIO	AVERAGE=0.135			

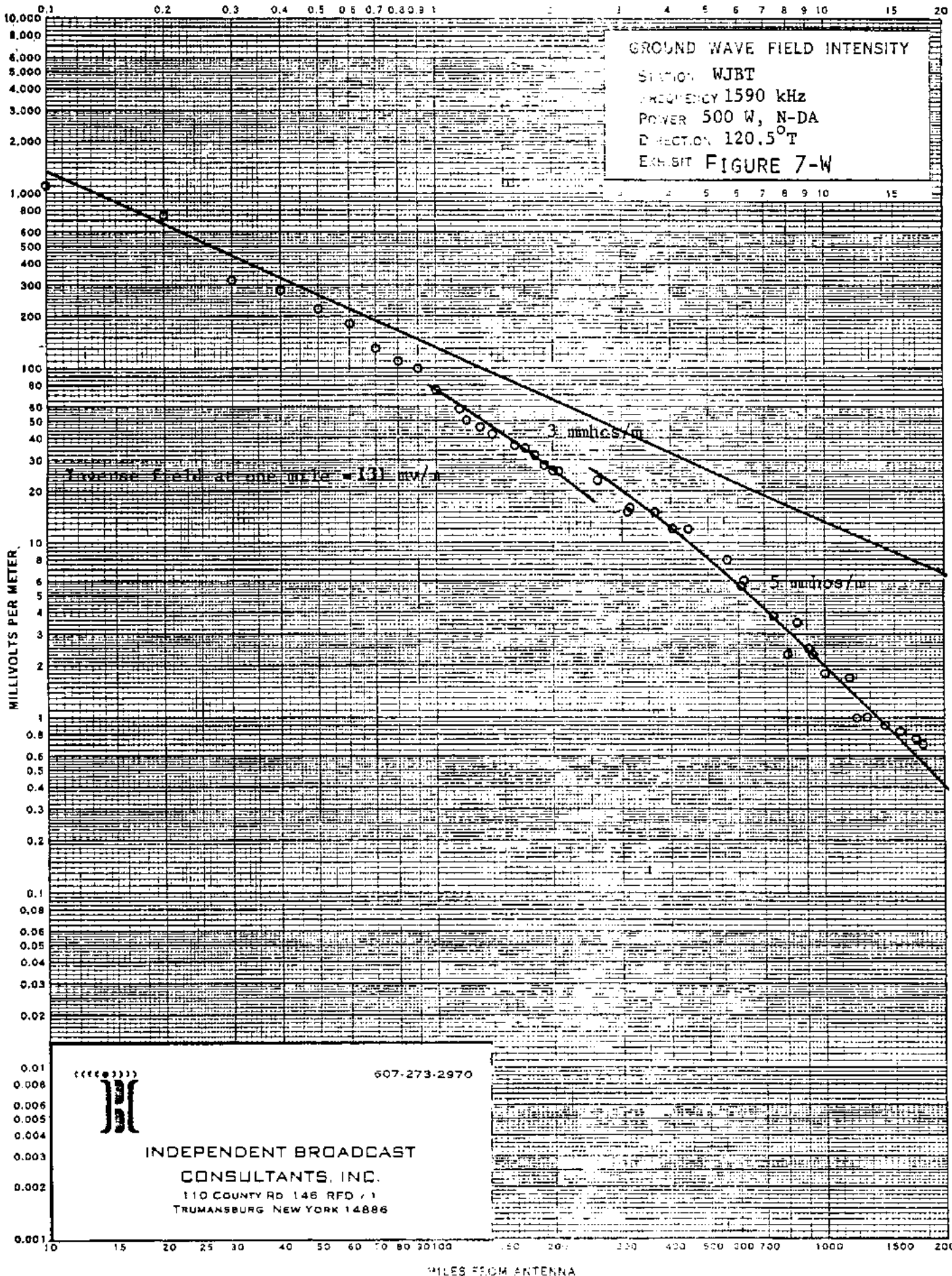
MILES FROM ANTENNA



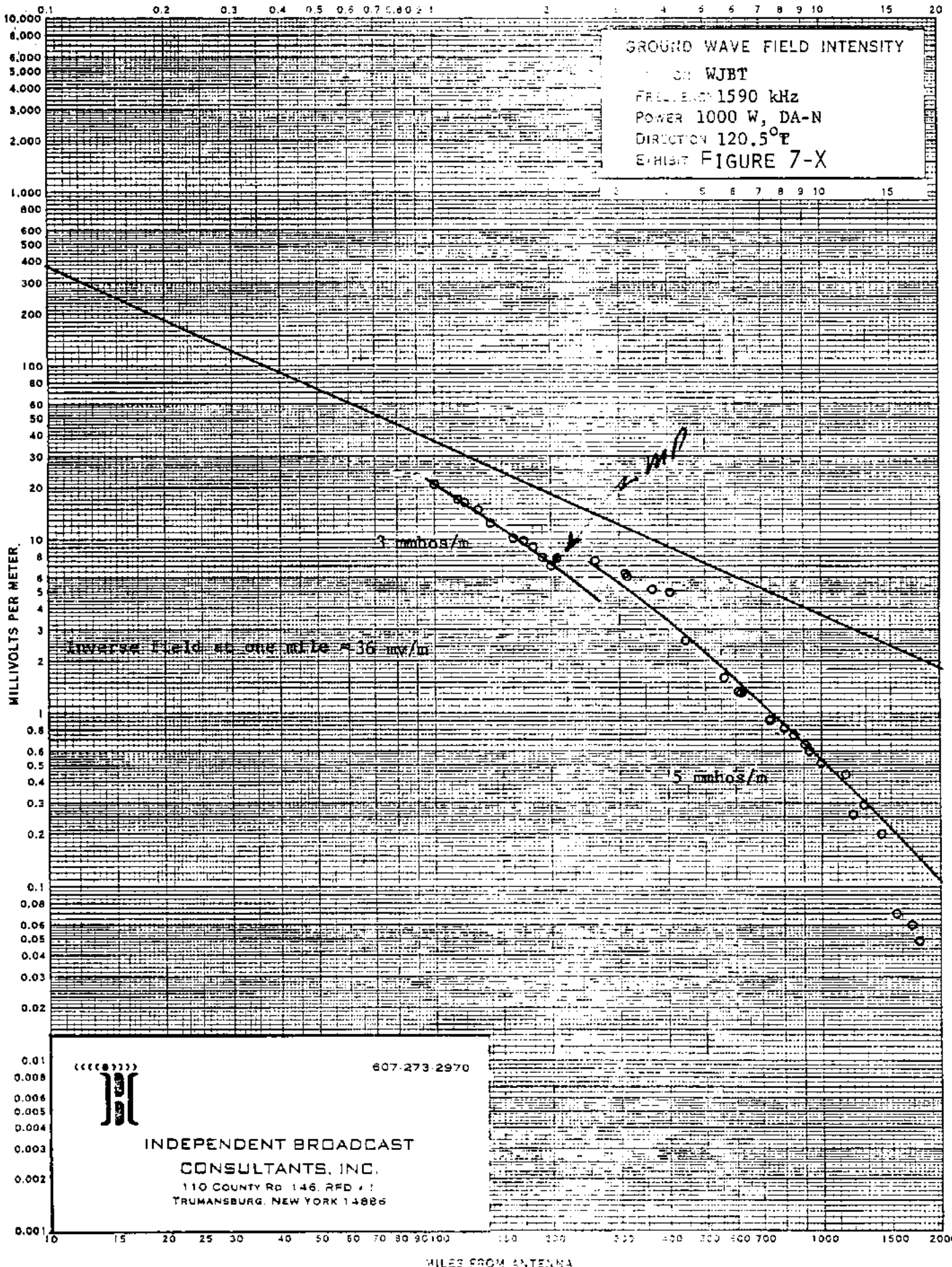
MILES FROM ANTENNA



MILES FROM ANTENNA



MILES FROM ANTENNA



607-273-2970

INDEPENDENT BROADCAST
 CONSULTANTS, INC.
 110 COUNTY RD. 146, RFD #1
 TRUMANSBURG, NEW YORK 14886



INDEPENDENT BROADCAST CONSULTANTS, INC.

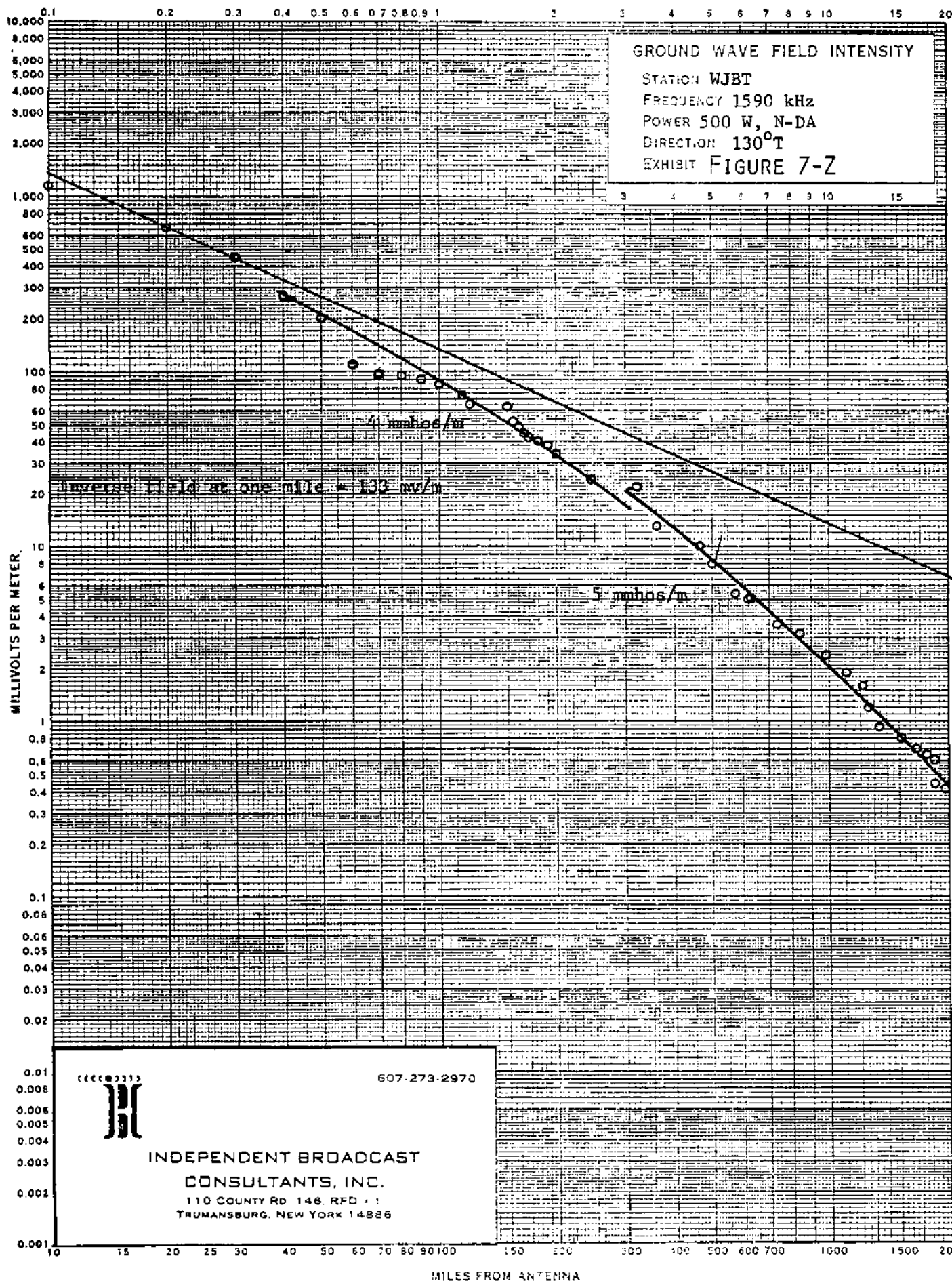
FIGURE 7-Y

FIELD INTENSITY MEASUREMENTS

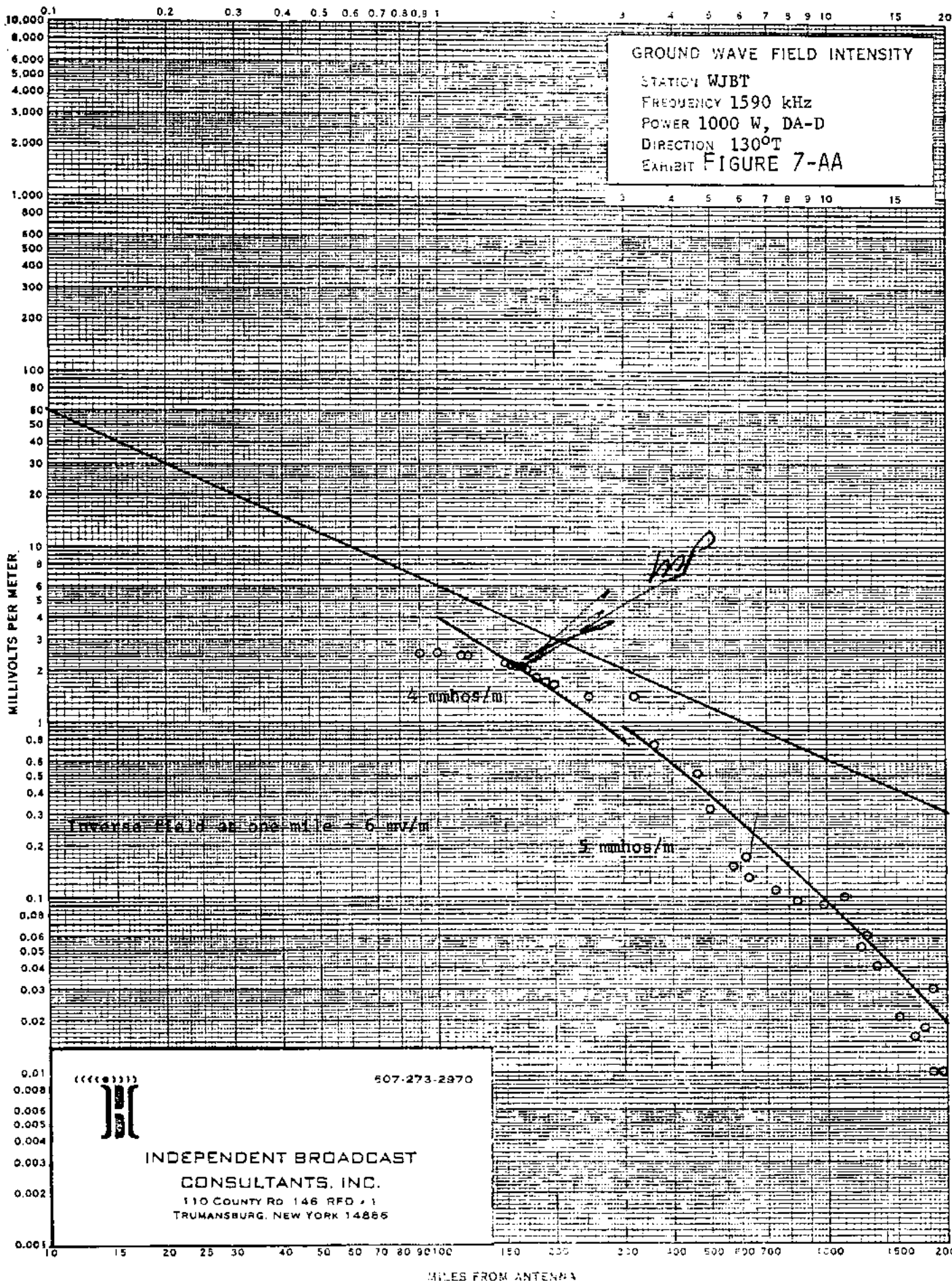
Station/Client WJBT Radial 130Power 500 NDA Power 1000 [DA-D] DA-N DA-1Frequency 1590 KHz Engineer BlackField Intensity Meter RCA WX-2C Calibrated 5/23/79110 County Rd. 146, RFD #1
Trumansburg, New York 14886

POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	1	1150	6/10	12:10					
2	2	670	"	12:12					
3	3	450	"	12:14					
4	4	270	"	12:18					
5	5	200	"	12:20					
6	6	110	"	12:23					
7	7	97	"	12:25					
8	8	94	"	13:18					
9	9	90	"	16:55	2.5	7/15	14:10	.03	Summitway Road
10	10	85	"	16:50	2.5	"	14:11	.03	
11	11.5	73	"	16:49	2.4	"	14:12	.03	
12	12.0	65	"	16:48	2.4	"	14:13	.04	
13	15.0	63	"	16:47	2.2	"	14:14	.03	
14	15.5	52	"	16:45	2.15	"	14:17	.04	
15	16	48	"	16:40	2.1	"	14:16	.04	
16	16.5	45	"	16:37	2.1	"	14:15	.05	Colby Street
17	17	42	"	16:35	2.0	"	14:15	.05	
18	18	40	"	16:29	1.8	"	14:21	.045	
19	19	38	"	16:22	1.7	"	14:21	.04	
20	20	34	"	16:25	1.65	"	14:20	.05	
21	24.5	24	6/9	11:36	1.4	"	14:19	.06	Swamp Road
22	3.2	22	"	9:03	1.4	"	14:23	.06	Salmon Creek Road
23	3.6	13	"	9:06	.73	"	14:25	.05	Beadle Road
24	4.65	10	"	9:16	.51	"	14:29	.04	Whittier Road
25	5.0	7.9	"	9:18	.32	"	14:30	.03	Hubbell Road
26	5.75	5.4	"	11:26	.15	"	14:35	.03	Euler Road
27	6.20	5.0	"	11:24	.17	"	14:36	.03	36
28	6.30	5.1	"	11:22	.13	"	14:37	.03	Dewey St.
29	7.35	3.6	"	11:19	.11	"	14:42	.03	Westside Drive
30	8.40	3.2	"	11:13	.095	"	14:46	.03	33
31	9.80	2.4	"	11:11	.090	"	14:50	.04	250
32	11.15	1.9	"	11:07	.1	"	14:54	.05	33A
33	12.20	1.4	"	10:57	.052	"	14:57	.03	251
34	12.65	1.2	"	10:54	.060	"	15:00	.05	Humphrey Road
35	13.33	.93	"	10:45	.040	"	15:10	.04	Reed Road
36	15.20	.80	"	10:40	.021	"	15:15	.03	383
37	16.63	.70	"	10:35	.016	"	15:20	.020	E. River Rd.
38	17.68	.65	"	10:30	.018	"	15:24	.03	Telephone Road
39	18.40	.60	"	10:26	.01	"	15:28	.02	Martin Road
40	18.47	.45	"	10:24	.03	"	15:30	.07	15 & 253
41	19.60	.40	"	10:22	.01	"	15:32	.02	Middle Road
					RATIO AVERAGE = .037				

MILES FROM ANTENNA



MILES FROM ANTENNA





INDEPENDENT BROADCAST CONSULTANTS, INC.

FIGURE 7-AB FIELD INTENSITY MEASUREMENTS

Station/Client WJBT Radial 159

Power 500 NDA Power 1000 [DA-D] DA-N DA-1

Frequency 1500 KHz Engineer Michael Black

Field Intensity Meter RCA WX-2C Calibrated 5/23/79

110 County Rd. 146, RFD #1

Trumansburg, New York 14886

POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	1	1000	6/11	16:07					
2	2	840	"	16:10					
3	3	280	"	15:00					
4	4	200	"	15:02					
5	5	120	"	15:04					
6	6	04	"	15:06					
7	7	02	"	15:08					
8	8	85	"	15:10					
9	9	78	"	14:54					
10	1.0	74	"	14:53	2.60	7/15	16:55	.04	
11	1.15	62	"	14:50	2.55	"	16:52	.04	Colby
12	1.2	60	"	14:49	2.50	"	16:53	.04	
13	1.3	58	"	14:48	2.45	"	16:56	.045	
14	1.4	50	"	14:47	2.42	"	16:57	.05	
15	1.5	49	"	14:45	2.30	"	16:58	.05	
16	1.7	40	6/9	11:39	3.25	"	16:51	.08	Swamp Road
17	1.8	35	6/11	14:44	2.10	"	16:50	.06	
18	2.5	27	6/9	11:44	2.1	"	16:48	.040	Beadle Road
19	3.55	14	"	11:47	.61	"	16:44	.04	Covel Road
20	4.40	9	"	11:51	.40	"	16:41	.04	Reed Road
21	5.98	6.2	"	11:56	.22	"	16:34	.04	Kendall Road
22	7.0	3.5	"	12:07	.18	"	16:31	.05	33
23	8.10	3.0	"	12:14	.20	"	16:28	.06	N. Sanford Road
24	8.60	2.8	"	12:21	.21	"	16:26	.07	S. Sandford Road
25	9.32	2.0	"	12:23	.21	"	16:25	.10	33 A
26	10.12	1.2	"	12:31	.100	"	16:21	.08	36
27	12.88	1.5	"	12:33	.060	"	16:18	.04	Harmon & Mumford Road
28	13.2	1.5	"	12:35	.085	"	16:13	.06	North Road
29	13.6	.73	"	12:41	.075	"	16:11	.1	McGinnis Road
30	14.35	.72	"	12:42	.081	"	16:09	.11	Opp 2311 on 383
31	14.55	.75	"	12:46	.070	"	16:04	.09	Oatka Road
32	16.2	.70	"	12:52	.068	"	16:02	.09	Iroquois Road
33	16.95	.43	"	12:55	.06	"	15:58	.14	Barks Road
34	17.1	.40	"	12:56	.040	"	15:56	.11	Barks Road
35	18.55	.33	"	12:58	.035	"	15:53	.11	Route 5
					RATIO AVERAGE		=.066		

Station/Client WJBT Radial 159

Power 500 NDA Power 1000 DA-D [DA-N] DA-1

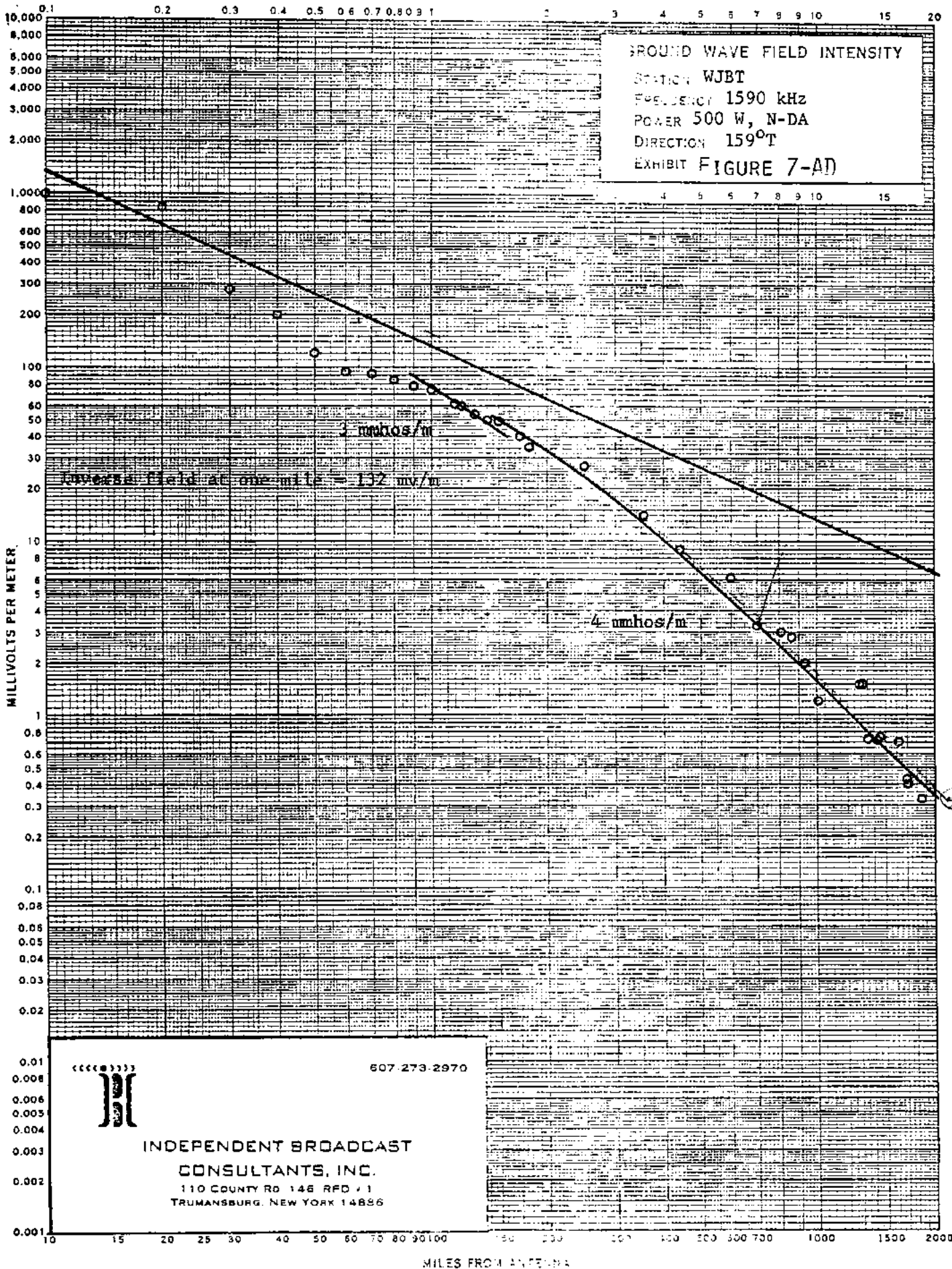
Frequency 1590 KHz. Engineer Michael Black

Field Intensity Meter RCAWX-2C Calibrated 5/23/79

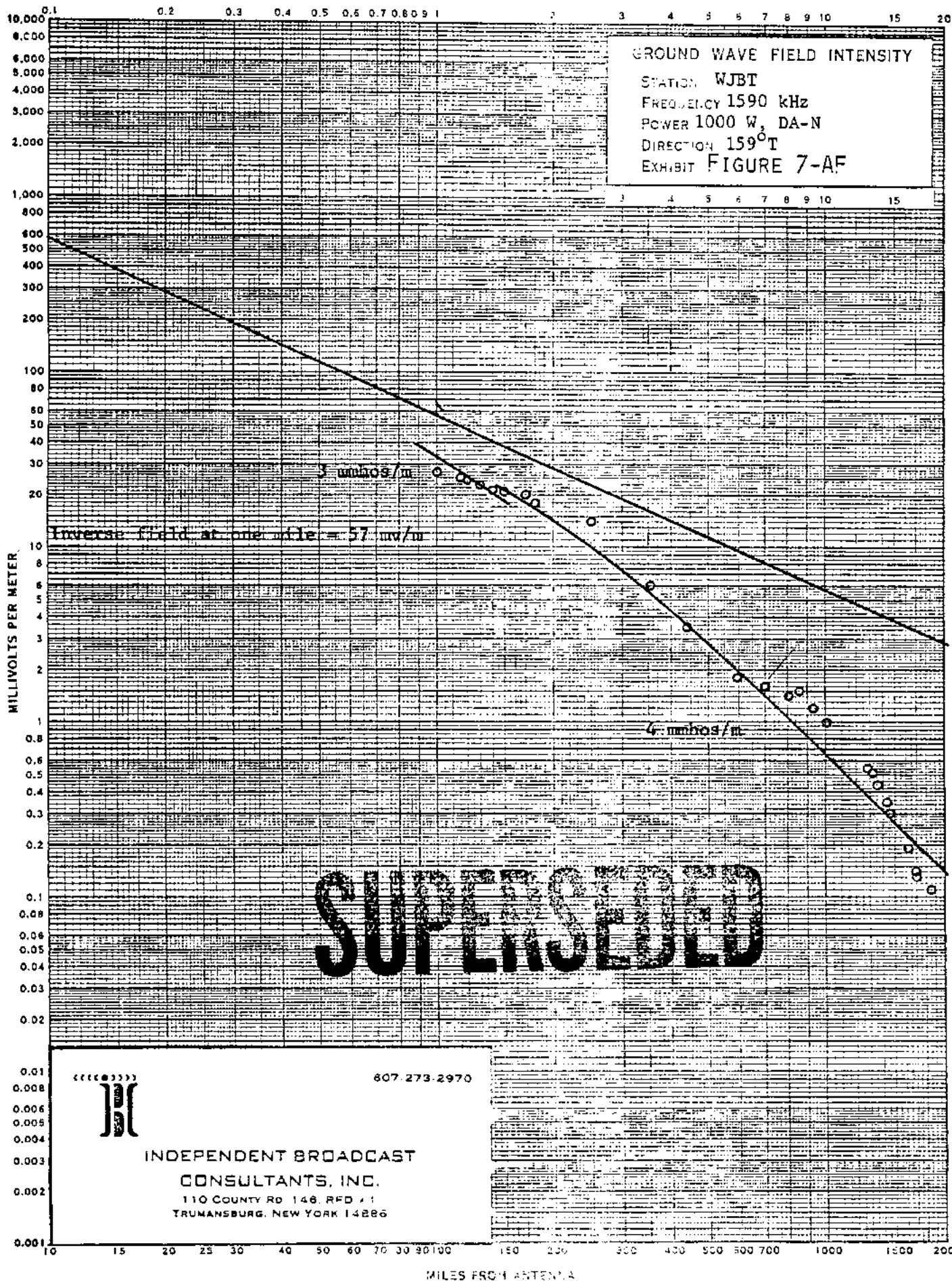
110 County Rd. 146, RFD #1
Trumansburg, New York 14886

[illegible]

MILES FROM ANTENNA



MILES FROM ANTENNA



CHILSON 102

MILES FROM ANTENNA

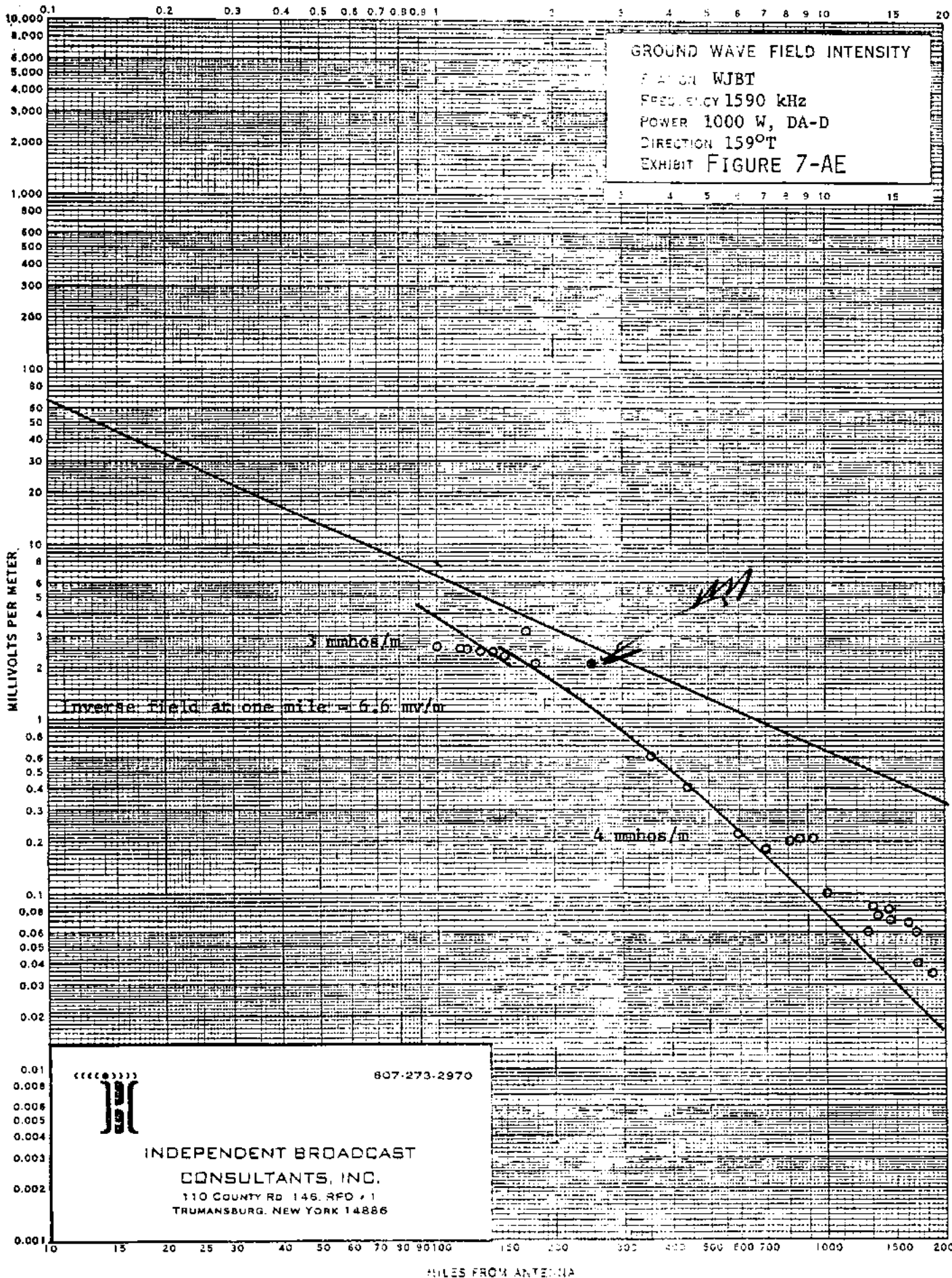


FIGURE 7-AG
FIELD INTENSITY MEASUREMENTS

INDEPENDENT BROADCAST CONSULTANTS, INC.

Station/Client WJBT Radial 180

110 County Rd. 146, RFD #1
Trumansburg, New York 14886

Power 500 NDA Power 1000 [DA-D] DA-N DA-1

Frequency 1500 KHz Engineer Black

Field Intensity Meter BCA WX-2C Calibrated 5/23/79

[illegible]

110 County Rd. 146, RFD #1
Trumansburg, New York 14886

FIELD INTENSITY MEASUREMENTS

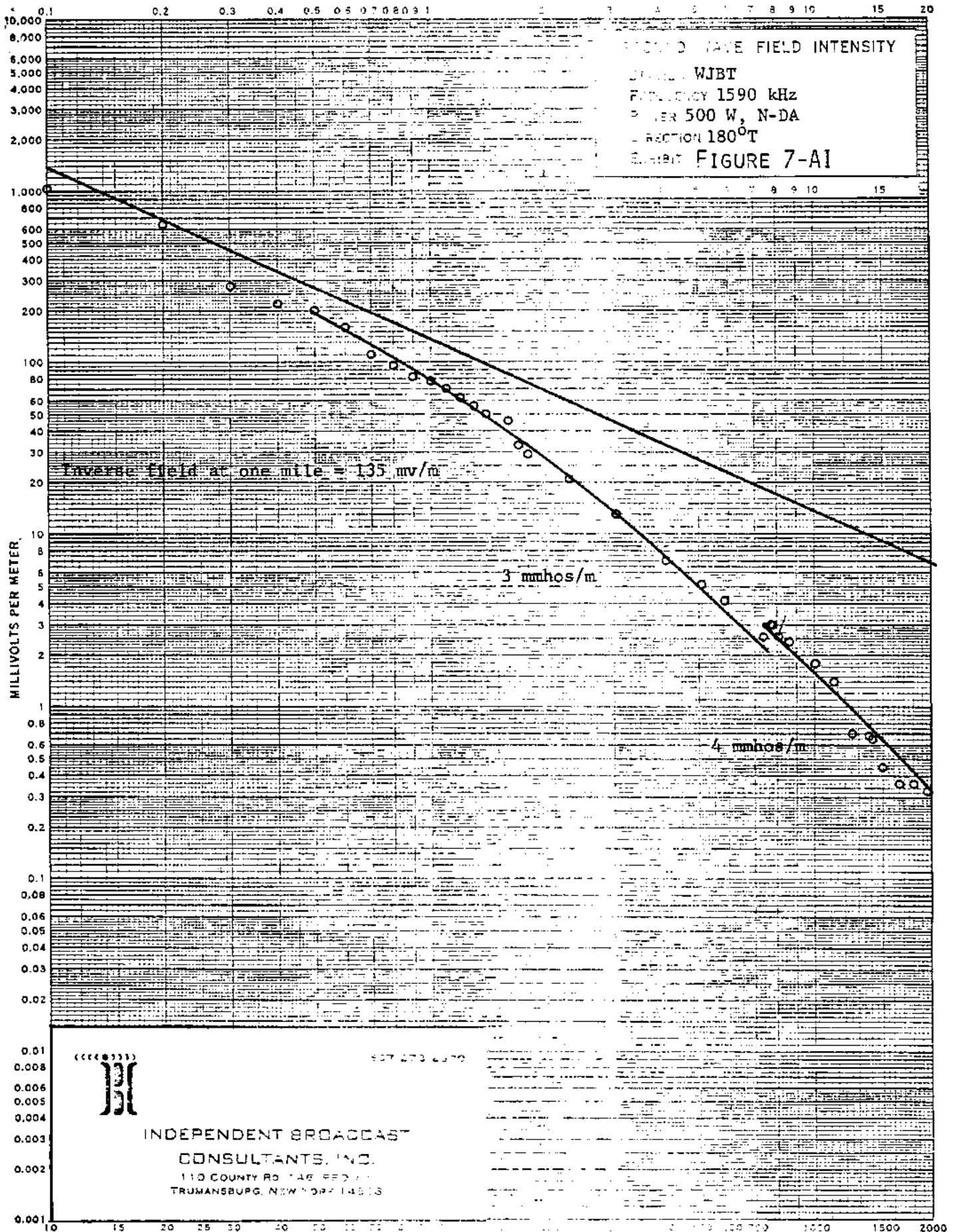
Station/Client WJBT Radial 180

Power 500 NDA Power 1000 DA-D [DA-N] DA-1

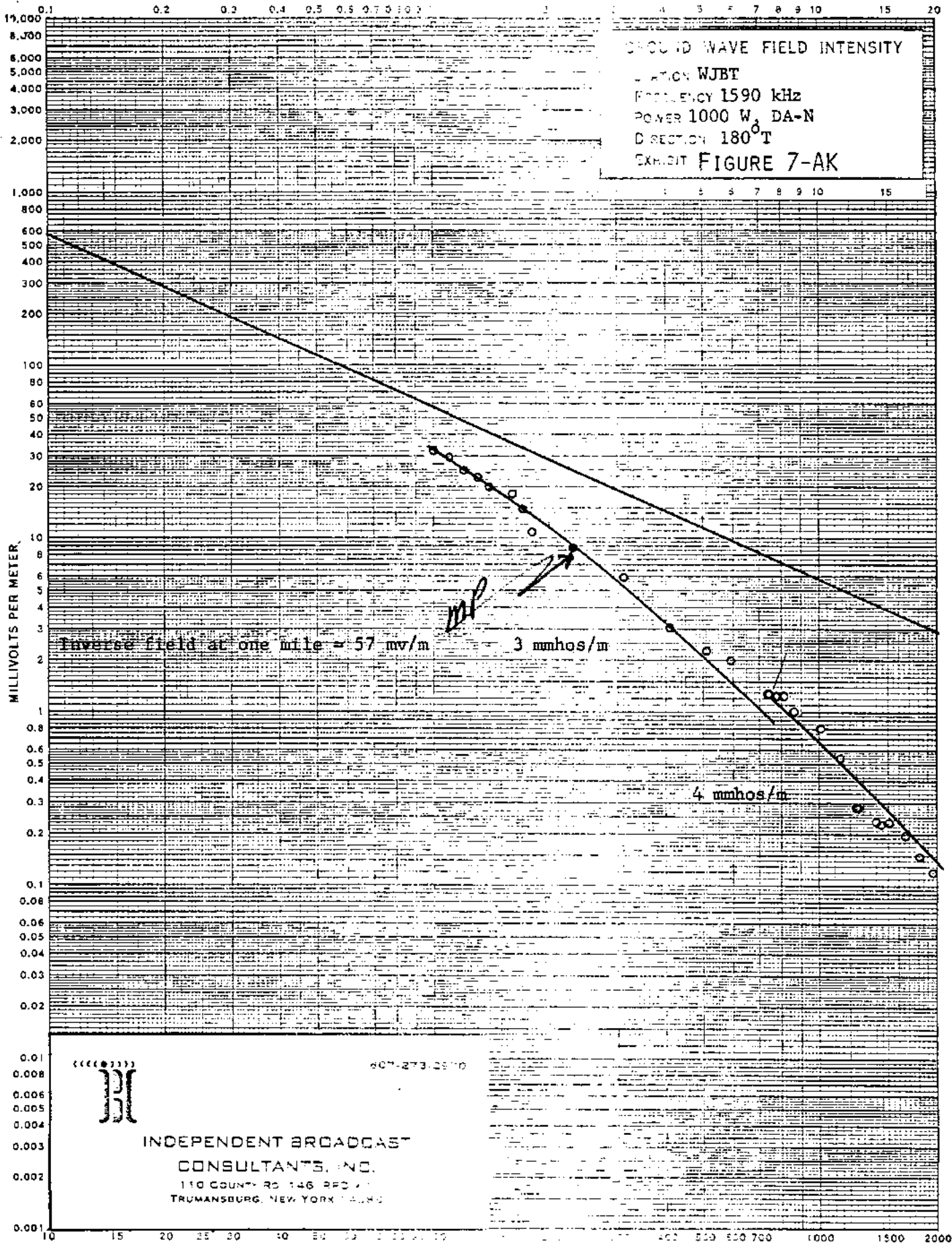
Frequency 1500 KHz Engineer Black

Field Intensity Meter BCA WX-2C Calibrated 5/23/79

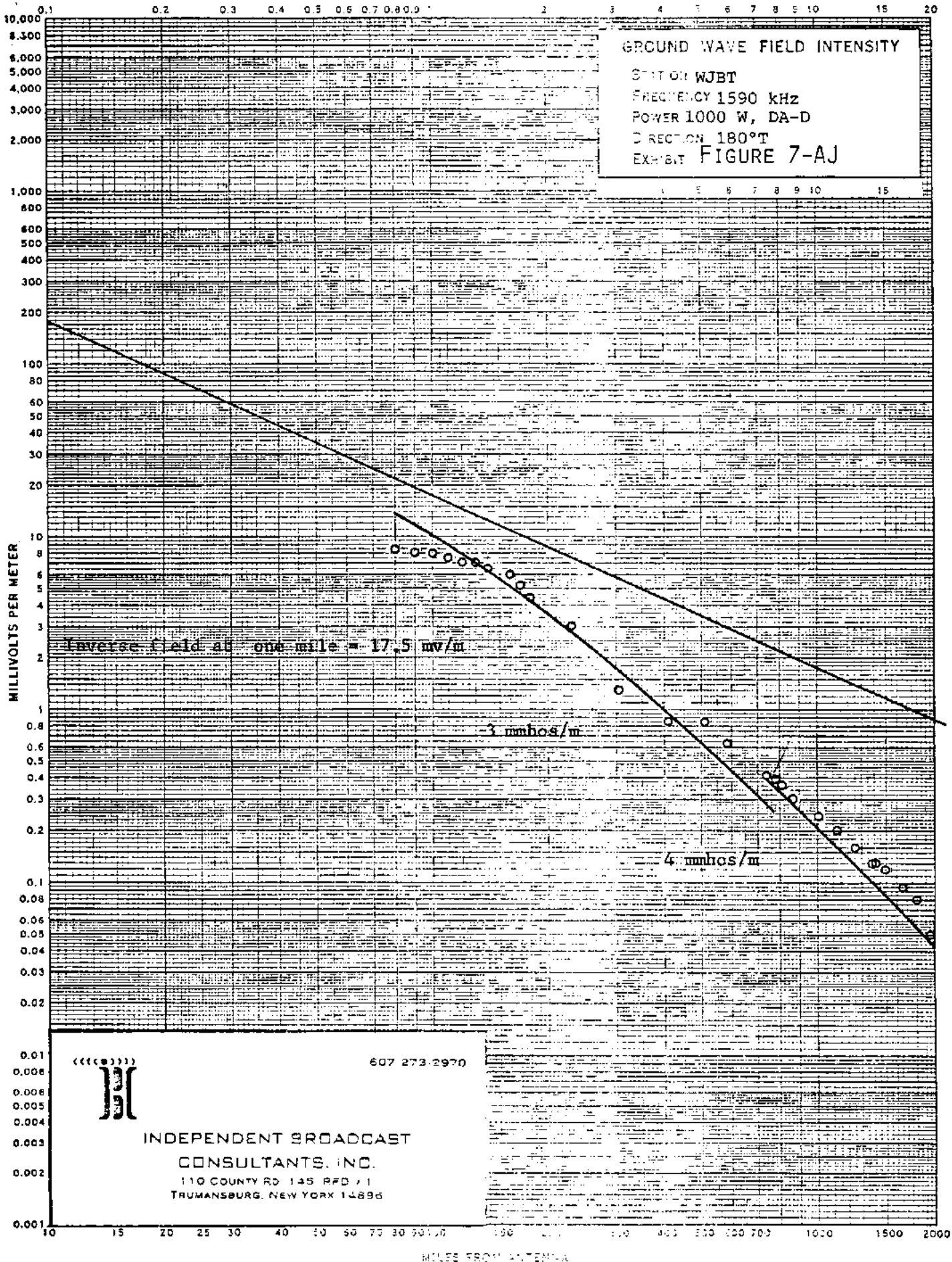
[illegible]



WILES FROM ANTENNA



MILES FROM ANTENNA





INDEPENDENT BROADCAST CONSULTANTS, INC.

FIGURE 7-AL
FIELD INTENSITY MEASUREMENTS

Station/Client WJBT Radial 190

Power500 NDA Power 1000 [DA-D] DA-N DA-1

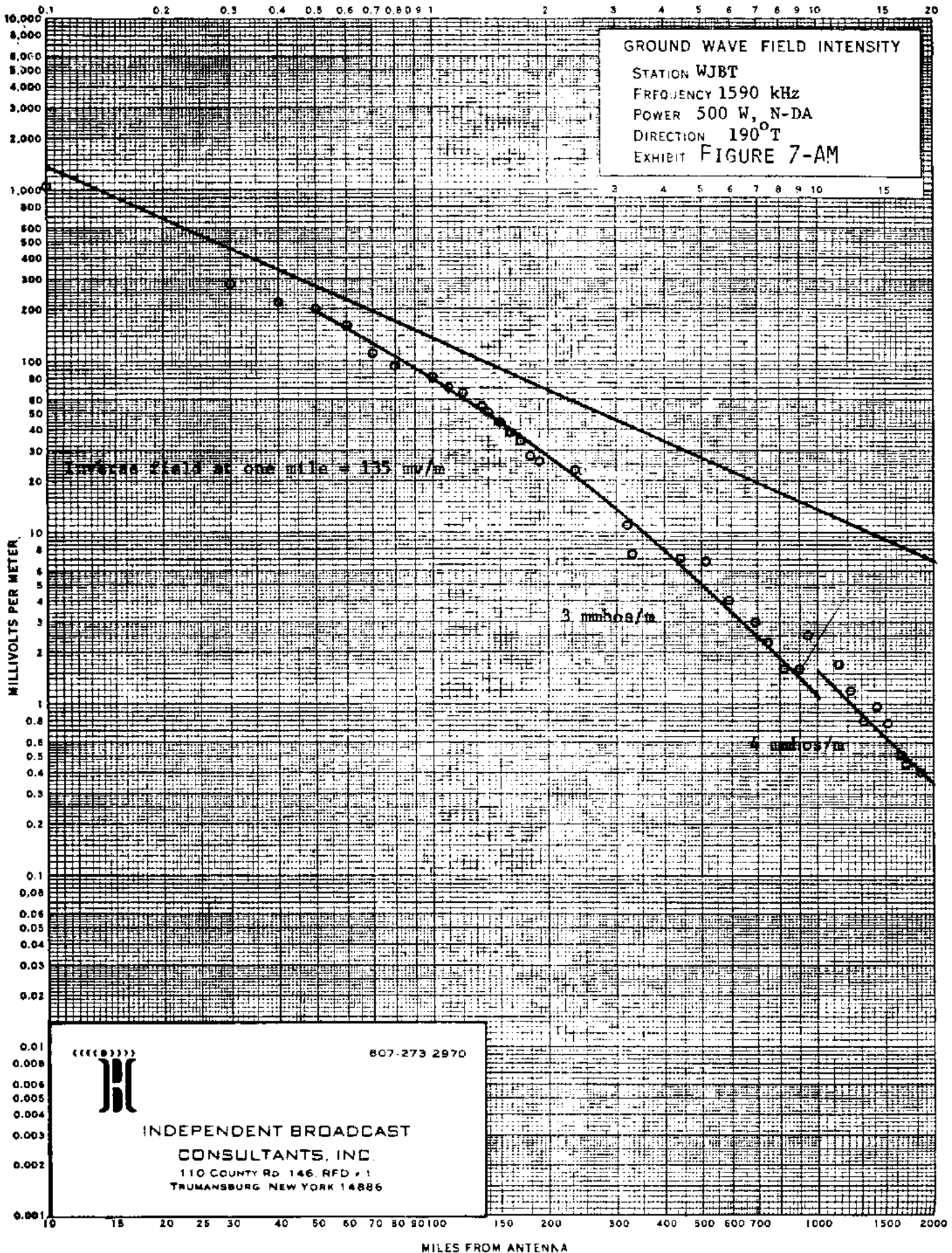
Frequency 1590 KHz Engineer Michael Black

Field Intensity Meter RCA WX-2C Calibrated 5/23/79

110 County Rd. 146, RFD #1
Trumansburg, New York 14886

[illegible]

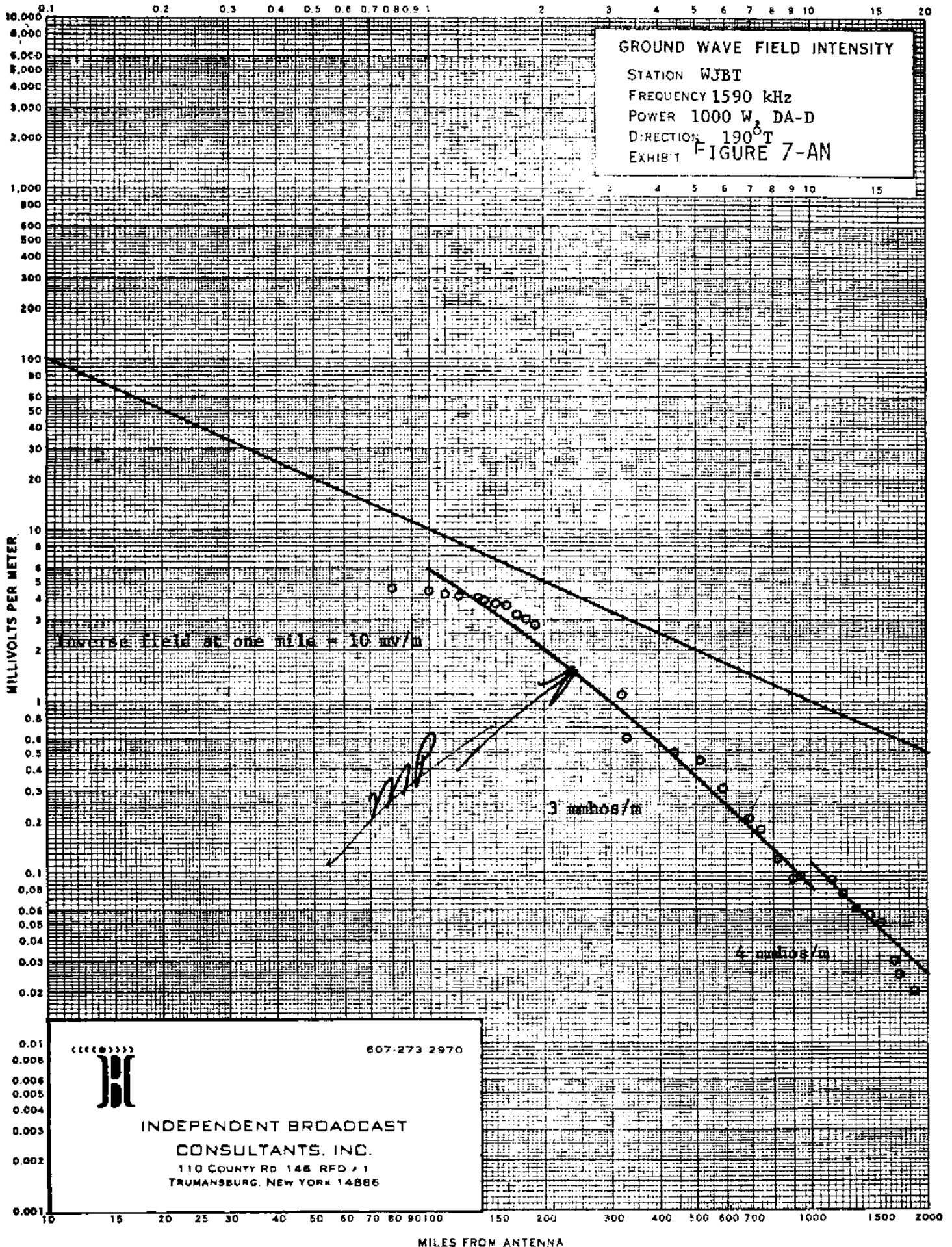
MILES FROM ANTENNA



MILES FROM ANTENNA

GROUND WAVE FIELD INTENSITY

STATION WJBT
 FREQUENCY 1590 kHz
 POWER 1000 W DA-D
 DIRECTION 190°T
 EXHIBIT FIGURE 7-AN



INDEPENDENT BROADCAST CONSULTANTS, INC.

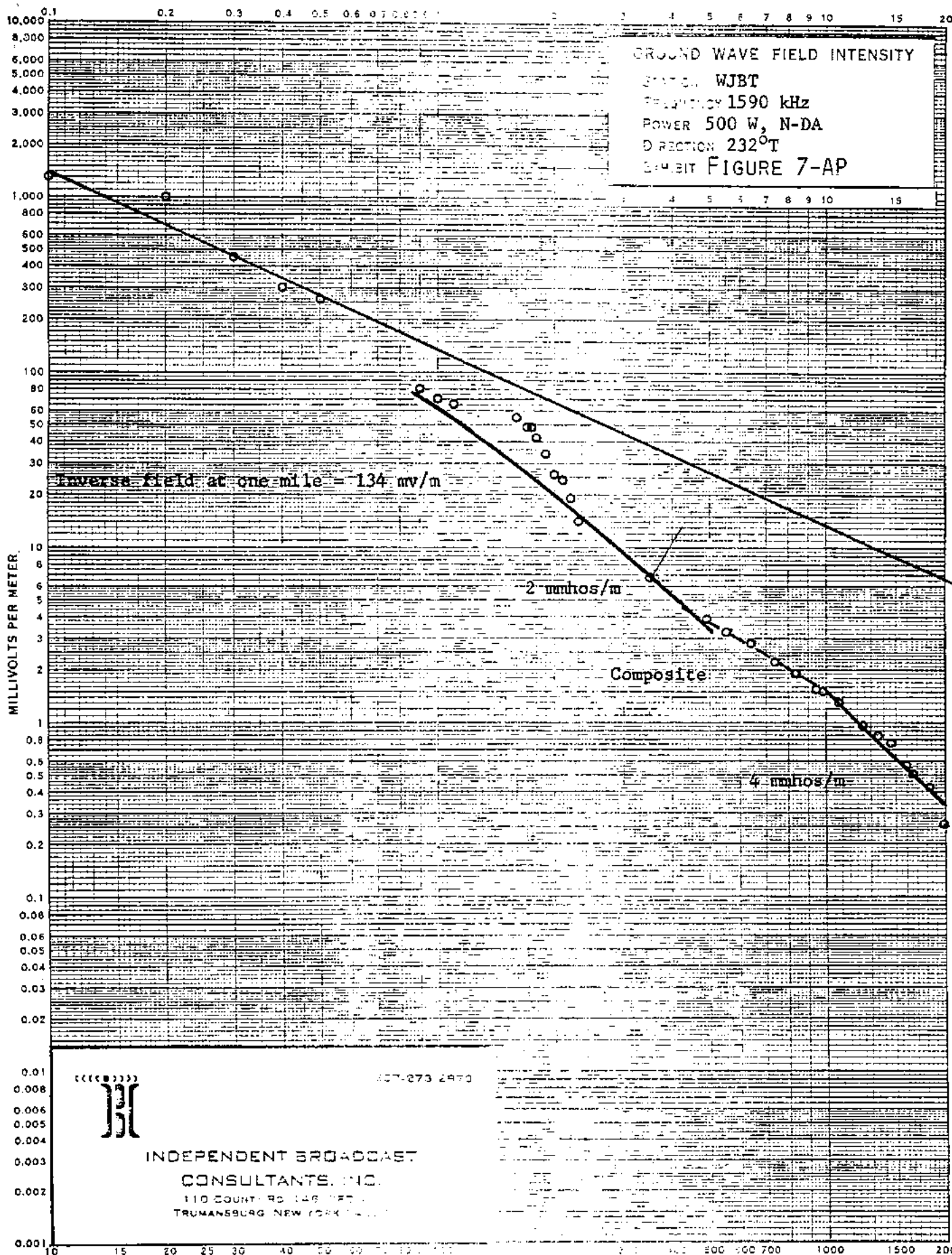
110 County Rd. 146, RFD #1
Trumansburg, New York 14886

FIGURE 7-A0
FIELD INTENSITY MEASUREMENTS

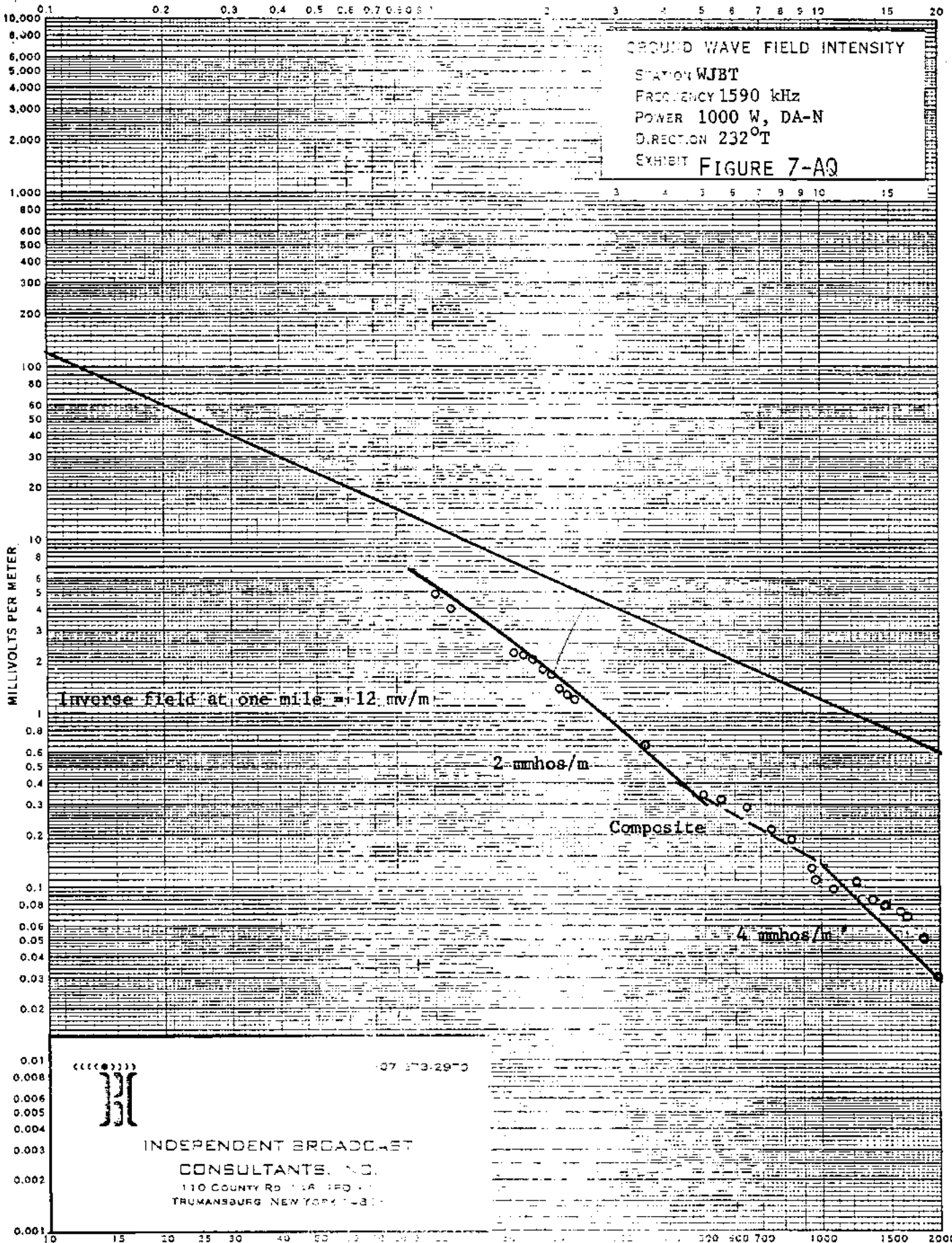
Station/Client WJBT Radial 232
Power 500 NDA Power 1000 DA-D [DA-N] DA-I
Frequency 1590 KHz Engineer Black
Field Intensity Meter RCA WX-2C Calibrated 5/23/79

[illegible]

MILES FROM ANTENNA



MILES FROM ANTENNA





INDEPENDENT BROADCAST CONSULTANTS, INC.

110 County Rd. 146, RFD #1
Trumansburg, New York 14886

FIGURE 7-AR FIELD INTENSITY MEASUREMENTS

Station/Client WJBT Radial 230.5
Power 500 NDA Power 1000 DA-D [DA-N] DA-1
Frequency 1590 KHz Engineer BLACK
Field Intensity Meter RCA WX-2C Calibrated 5/23/79

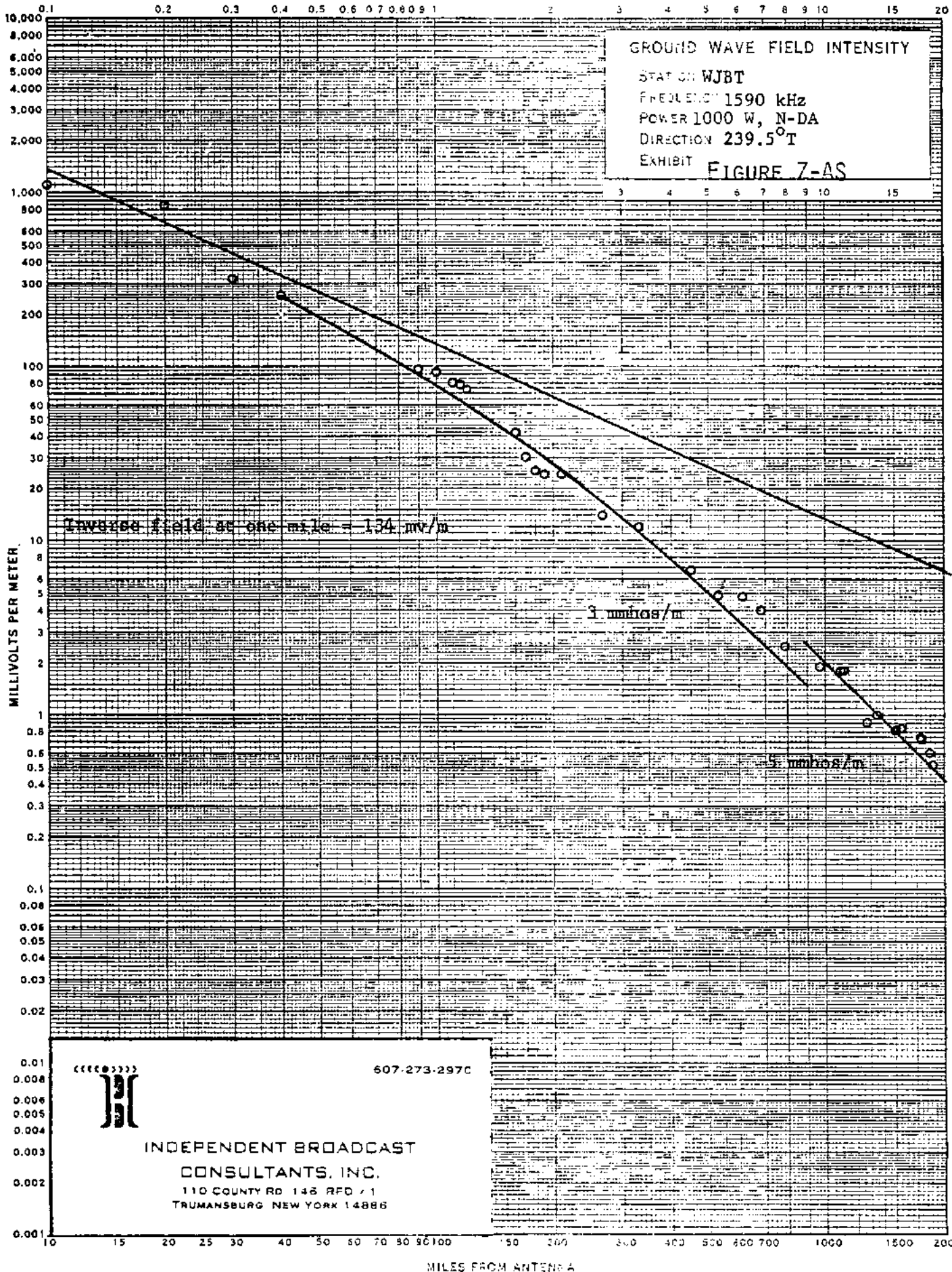
POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	0.1	1100	6/11	8:10					
2	0.2	850	"	8:12					
3	0.3	320	"	8:13					
4	0.4	260	"	8:17		8-4-80			
5	0.9	96	"	8:18	7.40		12:42	(.08)	
6	1.0	92	"	8:20	7.00		12:43	(.08)	
7	1.1	80	"	8:25	6.70		12:45	(.08)	
8	1.15	78	"	8:28	6.50		12:47	(.08)	
9	1.20	73	"	8:32	6.30		12:52	(.09)	
10	1.25	INACCESSIBLE							
11	1.3	INACCESSIBLE							
12	1.6	42	"	8:40	5.40		12:36	.13	
13	1.7	30	"	8:43	4.95		12:34	.17	
14	1.8	25	"	8:45	4.70		12:32	.19	
15	1.9	24	"	8:48	4.40		12:30	.18	
16	2.1	24	6/10	12:21	4.10		12:29	.17	West Sweden Road
17	2.67	14	"	12:25	3.60		12:27	(.26)	White Road
18	3.3	12	"	12:29	2.60		12:24	(.22)	Dead End Road
19	4.5	6.8	"	12:32	1.05		12:20	.15	S. Holley Road
20	5.3	4.9	"	12:34	0.79		12:16	.16	Cook Road
21	6.12	4.8	"	12:38	0.22		12:09	(.05)	New Guinea Rd.
22	6.85	4.0	"	12:39	0.24		12:07	(.06)	Honest Hill
23	7.92	2.5	"	12:46	0.25		12:05P	.10	Upper Holley Road
24	9.70	1.9	"	12:47	0.39		11:56A	.21	Transit Road
25	10.95	1.8	"	12:54	0.37		11:50	.21	Driveway
26	11.18	1.8	"	12:56	0.34		11:49	.19	Arnold Road
27	12.80	.90	"	13:06	0.20		11:44	(.22)	Lockport Road
28	13.64	1.0	"	13:10	0.20		11:40	.20	98
29	15.10	.82	"	13:12	0.16		11:35	.20	Maltby Road
30	15.60	.84	"	13:15	0.16		11:33	.19	Weatherwax
31	17.40	.74	"	13:19	0.10		11:29	.14	Cosway Road
32	17.60	.72	"	13:23	0.091		11:28	.13	262, S. of Road
33	18.40	.60	"	13:25	0.072		11:23	.12	Lewiston Road (63)
34	18.75	.52	"	13:27	0.066	8-4-80	11:20 A	.13	S. Pearl Street

() EXCLUDED FROM RATIO

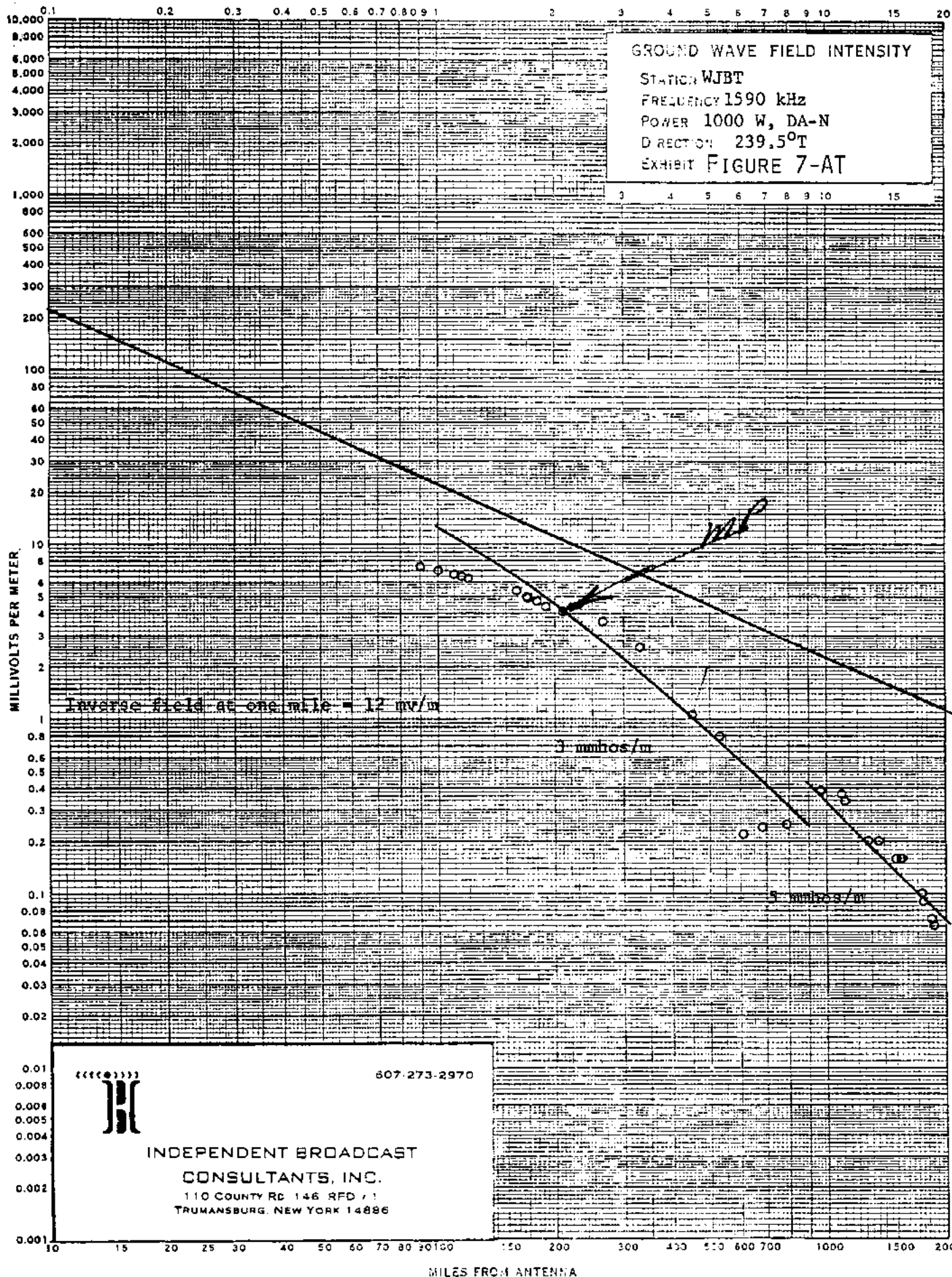
RATIO AVERAGE = .165

156-16
148 AR

MILES FROM ANTENNA



MILES FROM ANTENNA





INDEPENDENT BROADCAST CONSULTANTS, INC.

FIGURE 7-AU

FIELD INTENSITY MEASUREMENTS

Station/Client WJBT Radial 270Power 500 NDA Power 1000 [DA-D] DA-N DA-1Frequency 1590 KHz Engineer BlackField Intensity Meter RCA WX-2C Calibrated 5/23/79

110 County Rd. 146, RFD #1

Trumansburg, New York 14886

INT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	.1	1250	6/11	9:10					
2	.2	800	"	9:12					
3	.3	290	"	9:14					
4	.4	210	"	9:16					
5	.6	120	"	10:44					
6	.7	110	"	10:41	280	7/16	9:17	2.54	
7	.8	105	"	10:40	260	"	9:18	2.5	
8	.9	92	"	10:35	255	"	9:19	2.77	
9	1.0	88	"	10:37	250	"	8:10	2.84	
10	1.1	72	"	10:36	220	"	8:11	2.82	
11	1.2	72	"	10:31	205	"	8:12	2.84	
12	1.3	69	"	10:28	185	"	8:13	2.68	
13	1.4	68	"	10:25	170	"	8:14	2.50	
14	1.5	58	"	10:18	161	"	8:16	1.78	
15	1.6	49	"	10:17	152	"	9:20	(3.1)	
16	1.7	50	"	10:15	145	"	9:21	2.9	
17	1.8	50	6/8	15:40	132	"	9:22	2.64	
18	1.9	45	6/11	10:12	122	"	9:24	2.71	
19	2.0	42	6/11	10:14	110	"	9:25	2.62	W. Sweden Road
20	2.6	36	6/8	15:38	58	"	9:31	(1.61)	Hall Road
21	2.8	25	"	15:37	54	"	9:33	2.16	On 31
22	3.35	15	"	15:35	50	"	9:35	(3.33)	On 31
23	4.0	14	"	15:33	45	"	9:36	(3.21)	On 31
24	5.0	9.0	"	15:31	22	"	9:38	2.44	On 31
25	5.6	6.0	"	15:28	7	"	9:41	(1.17)	On 237
26	6.0	3.9	"	15:26	5.5	"	9:43	(1.41)	On 31
27	6.85	3.7	"	15:23	5.8	"	9:46	(1.57)	Dead End
28	7.40	3.2	"	15:19	5.3	"	9:48	(1.67)	Manning Road
29	7.90	2.6	"	15:17	4.9	"	9:49	1.89	
30	9.0	2.2	"	15:13	4.5	"	9:52	2.05	Angeline Rd.
31	9.4	2.1	"	15:08	4.4	"	9:54	2.10	Mathes Rd.
32	10.15	1.8	"	15:06	3.2	"	9:57	1.78	Culver Rd.
33	12.30	1.6	"	13:59	3.2	"	9:58	2	98
34	14.3	0.86	"	13:53	3.2	"	10:03	2.56	High St.
35	15.35	0.62	"	13:48	2.0	"	10:04	(3.23)	Eagle Harbor Rd.
36	16.60	0.64	"	13:44	1.9	"	10:08	(2.97)	Mix Road
37	17.22	0.54	"	13:41	1.5	"	10:12	2.78	Wilkins Rd.
38	18.20	0.44	"	13:35	1.1	"	10:15	2.5	Taylor Hill
39	18.95	0.38	"	13:38	.8	"	10:17	2.10	Millville Road

() EXCLUDED FROM RATIO AVERAGE. RATIO AVERAGE = 2.44



INDEPENDENT BROADCAST CONSULTANTS, INC.

110 County Rd. 146, RFD #1
Trumansburg, New York 14886

FIGURE 7-AV

FIELD INTENSITY MEASUREMENTS

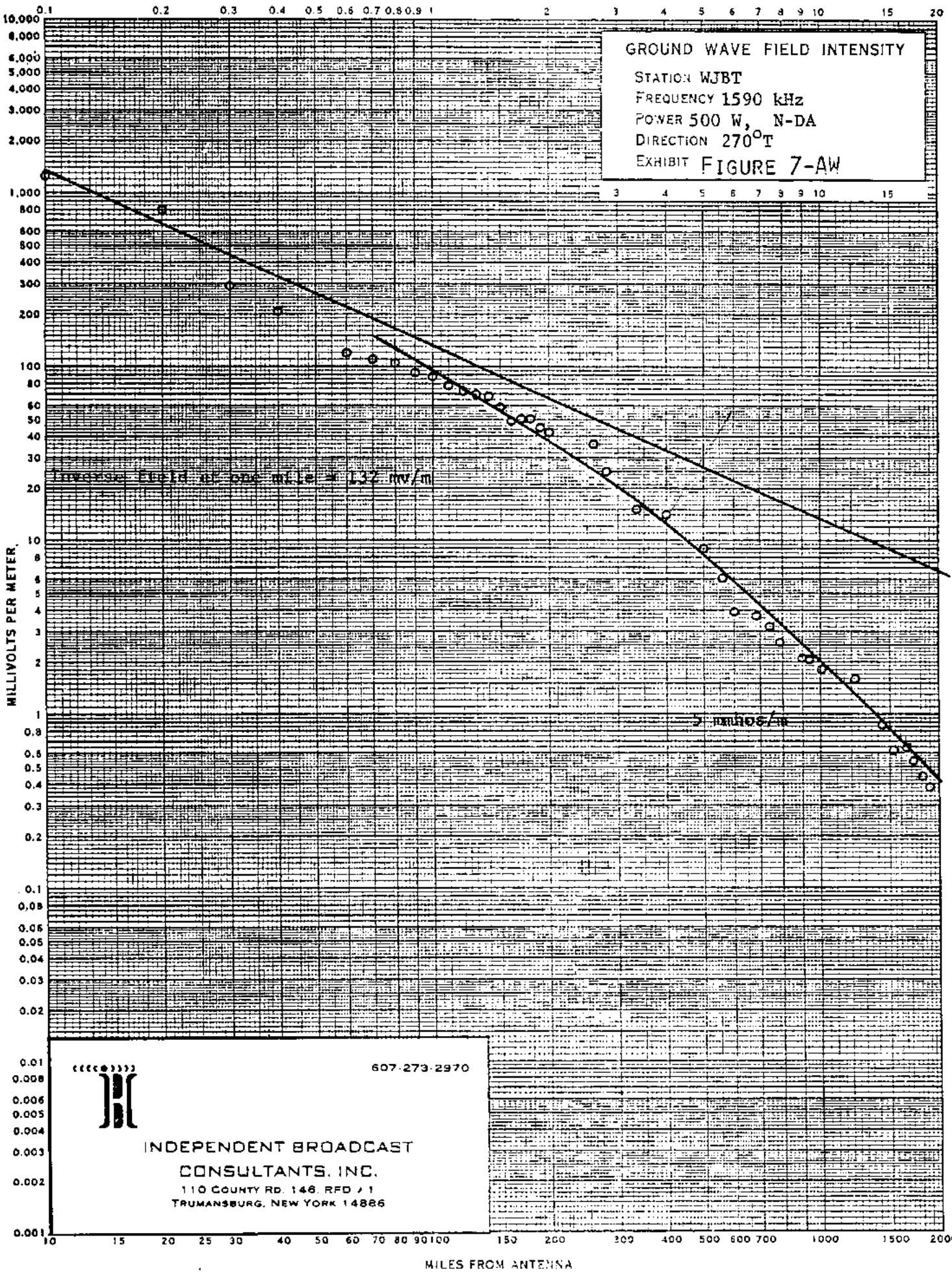
Station/Client WJET Radial 270
Power 500 NDA Power 1000 DA-D [DA-N] DA-1
Frequency 1500 KHz Engineer Black
Field Intensity Meter RCA WX-2C Calibrated 5/23/79

POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	.1	1250	6/11	0:10					
2	.2	800	"	0:12					
3	.3	290	"	0:14					
4	.4	210	"	0:16					
5	.6	120	"	0:44					
6	.7	110	"	10:41	85	7-3-80	15:48	(.77)	
7	.8	105	"	10:40	75	"	15:45	(.71)	
8	.9	92	"	10:35	30	"	15:43	.32	
9	1.0	88	"	10:37	27	"	15:40	.30	
10	1.1	77	"	10:36	25.5	"	15:37	.33	
11	1.2	72	"	10:31	25	"	15:35	.34	
12	1.3	69	"	10:28	23	"	15:33	.33	
13	1.4	68	"	10:25	20	"	15:28	.20	
14	1.5	58	"	10:18	18	"	15:27	.31	
15	1.6	49	"	10:17	15	"	15:26	.31	
16	1.7	50	"	10:15	12	"	15:25	.24	
17	1.8	50	6/8	15:40	9	"	15:23	.18	
18	1.9	45	6/11	10:12	7.6	"	15:21	.17	
19	2.0	42	6/11	10:14	6.4	"	15:19	.15	W. Sweden Road
20	2.6	36	6/8	15:38	6.4	"	15:15	.18	Hall Road
21	2.8	25	"	15:37	5.8	"	15:11	.23	On 31
22	3.35	15	"	15:35	3.0	"	15:09	.20	On 31
23	4.0	14	"	15:33	2.5	"	15:05	.20	On 31
24	5.0	9.0	"	15:31	2.2	"	15:03	.24	On 31
25	5.6	6.0	"	15:28	2.2	"	15:02	.36	On 237
26	6.0	3.9	"	15:26	1.4	"	14:56	.35	On 31
27	6.85	3.7	"	15:23	1	"	14:53	.27	Dead End
28	7.40	3.2	"	15:19	.9	"	14:50	.28	Manning Road
29	7.90	2.6	"	15:17	.48	"	14:46	.18	
30	9.0	2.2	"	15:13	.38	"	14:38	.17	Angeline Rd.
31	9.4	2.1	"	15:08	.35	"	14:35	.16	Mathes Rd.
32	10.15	1.8	"	15:06	.30	"	14:27	.17	Culver Road
33	12.30	1.6	"	13:50	.15	"	14:21	.09	98
34	14.3	0.86	"	13:53	.15	"	14:15	.17	High St.
35	15.35	0.62	"	13:48	.20	"	14:09	.32	Eagle Harbor Rd.
36	16.60	0.64	"	13:44	.05	"	14:05	.08	Mix Road
37	17.22	0.54	"	13:41	.05	"	14:01	.09	Wilkins Rd.
38	18.20	0.44	"	13:35	.12	"	13:58	.27	Tylor Hill
39	18.95	0.38	"	13:38	.1	"	13:55	.26	Millville Road
EXCLUDED FROM		RATIO	AVERAGE.	RATIO	AVERAGE	=.236			

MILES FROM ANTENNA

GROUND WAVE FIELD INTENSITY

STATION WJBT
 FREQUENCY 1590 kHz
 POWER 500 W, N-DA
 DIRECTION 270°T
 EXHIBIT FIGURE 7-AW



607-273-2970

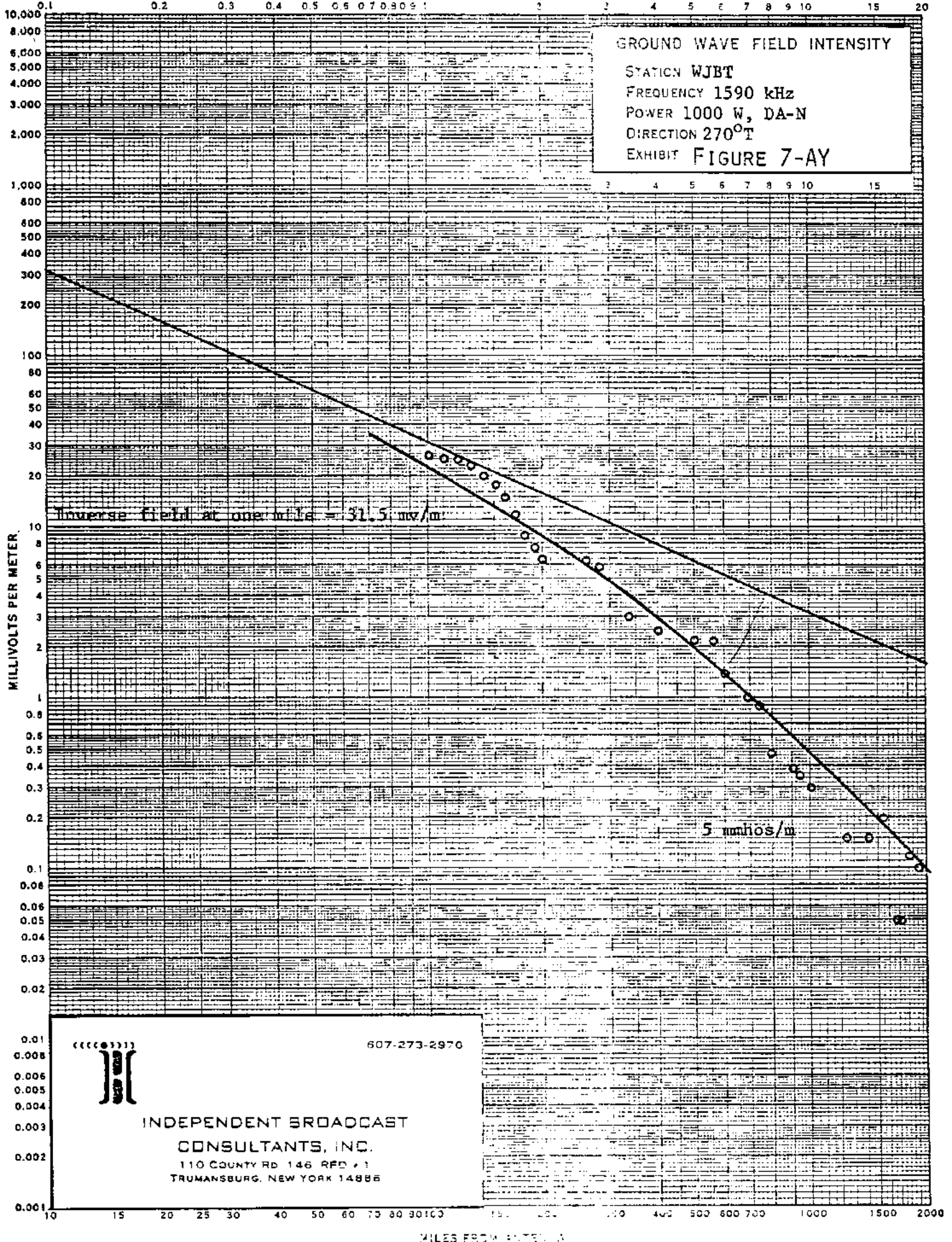
INDEPENDENT BROADCAST
 CONSULTANTS, INC.
 110 COUNTY RD. 146, RFD #1
 TRUMANSBURG, NEW YORK 14886

MILES FROM ANTENNA

MILES FROM ANTENNA

GROUND WAVE FIELD INTENSITY

STATION WJBT
FREQUENCY 1590 kHz
POWER 1000 W, DA-N
DIRECTION 270°T
EXHIBIT FIGURE 7-AY



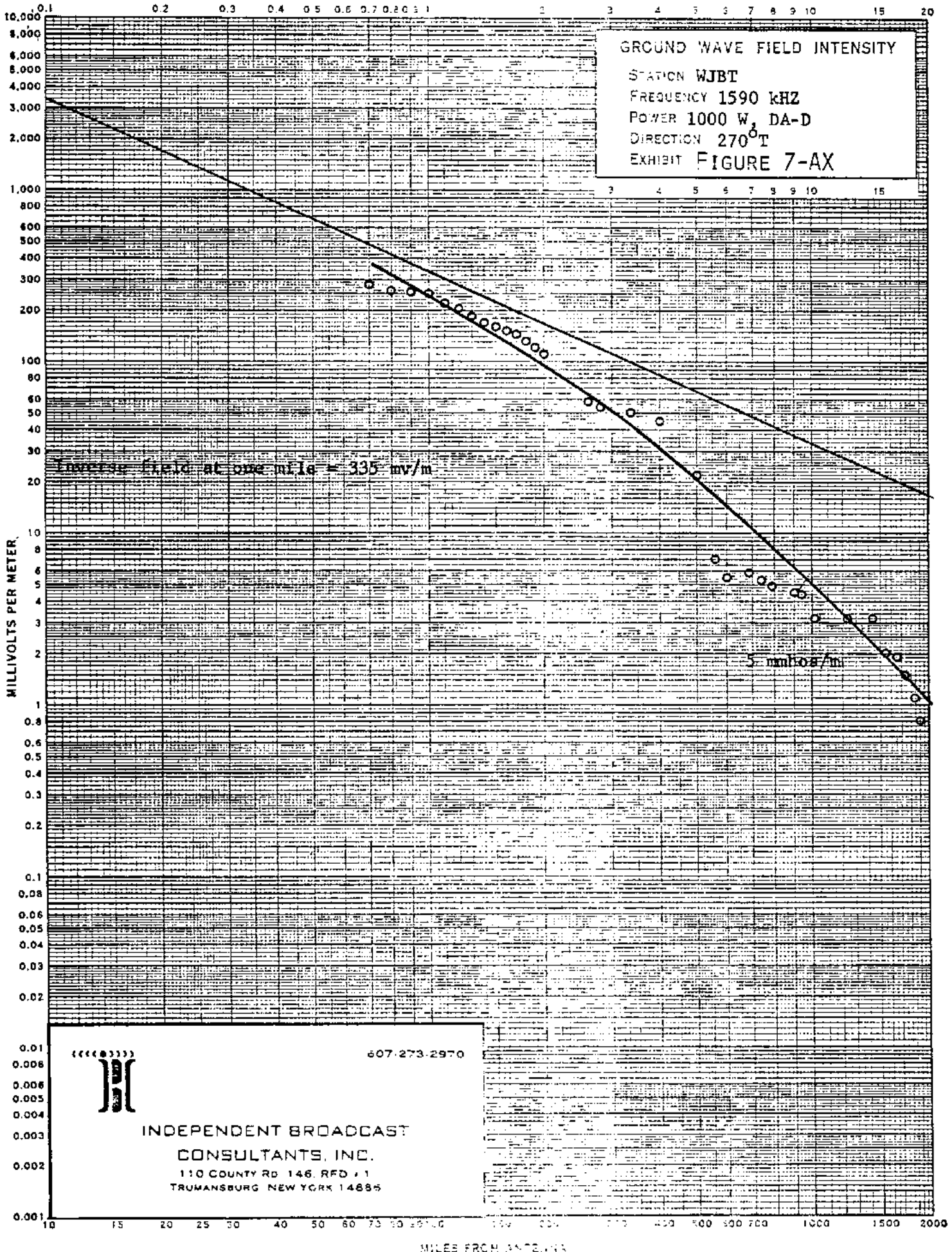
607-273-2970

INDEPENDENT BROADCAST
CONSULTANTS, INC.
110 COUNTY RD 146 RD #1
TRUMANSBURG, NEW YORK 14886

MILES FROM ANTENNA

GROUND WAVE FIELD INTENSITY

STATION WJBT
 FREQUENCY 1590 KHZ
 POWER 1000 W DA-D
 DIRECTION 270°T
 EXHIBIT FIGURE 7-AX



INDEPENDENT BROADCAST
 CONSULTANTS, INC.
 110 COUNTY RD 146, RFD #1
 TRUMANSBURG NEW YORK 14885

607-273-2970



INDEPENDENT BROADCAST CONSULTANTS, INC.

FIGURE 7-AZ

FIELD INTENSITY MEASUREMENTS

Station/Client WJBT Radial 310Power 500 NDA Power 1070 [DA-D] DA-N DA-1Frequency 1590 KHz Engineer BLACKField Intensity Meter RCA WX-2C Calibrated 5/23/79

110 County Rd. 146, RFD #1

Trumansburg, New York 14886

POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	0.1	900	6/11	9:30					
2	0.2	540	"	9:32					
3	0.3	280	"	9:35					Route 31 A
4	0.5	140	"	10:45					
5	0.6	125	"	10:46					
6	0.7	110	"	10:47					
7	0.8	105	"	10:48					
8	0.9	100	"	10:49					
9	1.0	98	"	10:50	227	7/16	11:37	2.32	
10	1.1	92	6/8	11:36	220	"	11:34	2.79	Redman Road
11	1.2	83	6/11	10:51	192	"	15:00	2.31	
12	1.3	78	"	10:53	173	"	15:02	2.22	
13	1.4	72	"	10:55	160	"	15:04	2.22	
14	1.5	68	"	10:54	143	"	15:06	2.10	
15	1.6	60	"	11:01	118	"	15:08	1.97	
16	1.7	65	"	11:05	100	"	15:10	1.54	Bail Road Tracks
17	1.8	50	"	11:08	85	"	15:12	1.74	
18	1.9	45	6/8	11:39	65	"	11:32	1.54	
19	2.6	32	"	11:45	62	"	11:30	1.94	Off 31
20	2.8	28	"	11:50	60	"	11:28	2.14	County Line Road
21	2.9	25	"	11:48	58	"	11:27	2.32	County Line Road
22	3.05	23	"	11:49	38	"	11:26	1.65	Golf Road
23	3.70	17	"	11:54	28	"	11:24	1.65	Edmunds Rd.
24	4.33	12	"	11:58	22	"	11:22	1.83	Bennetts Corners Rd.
25	5.0	11	"	12:01	20	"	11:20	1.82	On 237
26	5.36	8.4	"	12:04	17	"	11:18	2.02	Telegraph Rd.
27	6.3	6.8	"	12:08	16	"	11:15	2.35	Skillington Rd.
28	6.4	6.6	"	12:09	8.1	"	11:20	1.23	Groth Rd.
29	7.05	3.8	"	12:14	7.5	"	11:09	1.97	Hulberton Rd.
30	8.20	4.3	"	12:19	7.2	"	11:07	1.67	Phillips Rd.
31	8.3	3.8	"	12:22	5.0	"	11:06	1.32	Dirt Road
32	9.32	3.7	"	12:26	4.2	"	11:03	1.4	Fancher Road
33	10.00	2.4	"	12:29	3.9	"	10:55	1.45	Ridge Road
34	10.92	2.0	"	12:31	2.9	"	10:53	1.0	Transit Road
35	12.26	1.2	"	12:40	1.9	"	10:50	1.58	Densmore Road
36	13.95	1.0	"	12:44	1.75	"	10:48	1.75	Crandell Road
37	15.40	0.88	"	12:48	1.5	"	10:45	2.05	On 18
38	15.95	0.80	"	12:51	1.4	"	10:43	1.75	On 18
39	17.10	0.78	"	12:58	1.3	"	10:41	1.67	McCutchen Rd.
40	17.60	0.72	"	12:55	1.4	"	10:40	1.94	18

RATIO AVERAGE = 1.85



FIELD INTENSITY MEASUREMENTS

INDEPENDENT BROADCAST CONSULTANTS, INC.

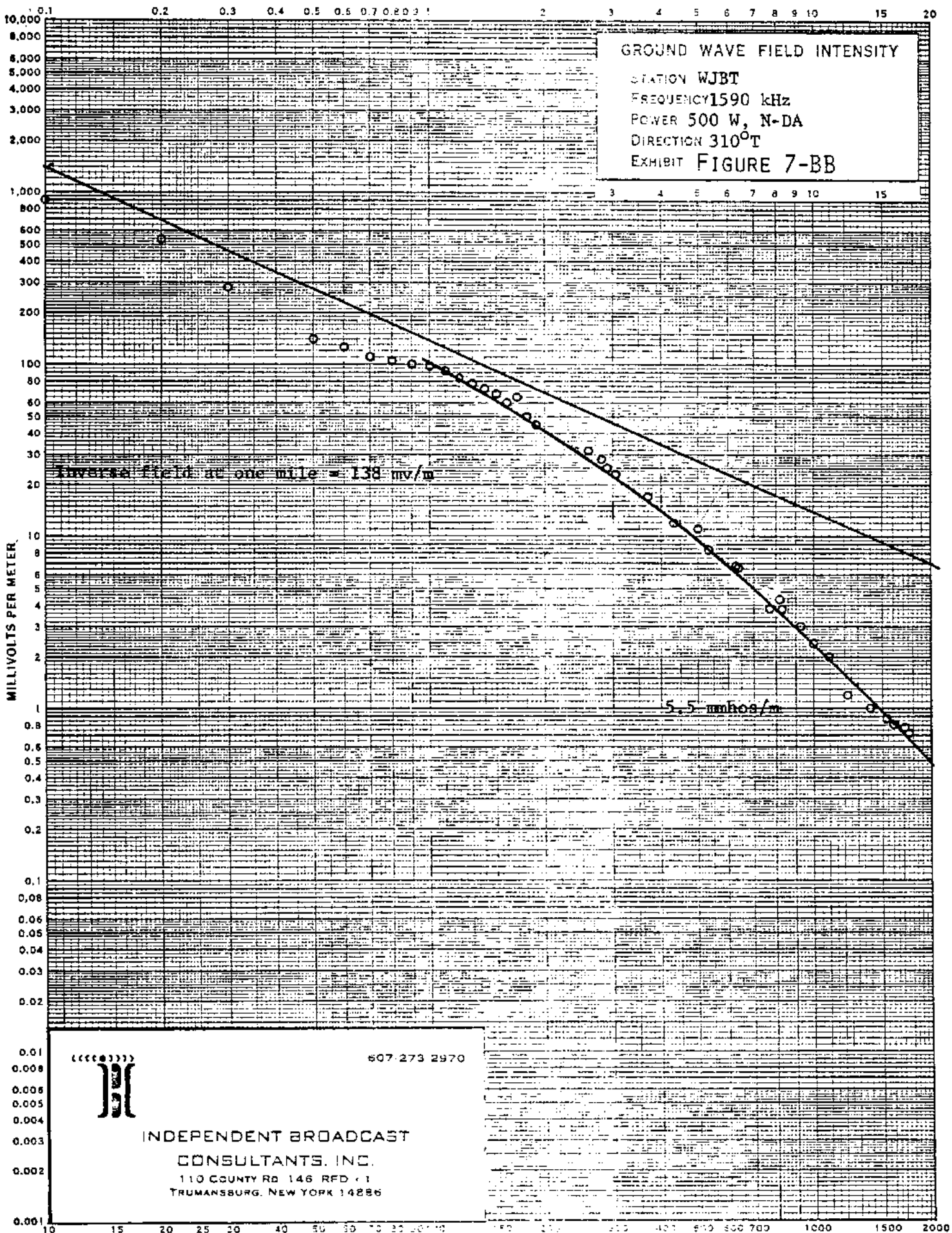
Station/Client WJBT Radial 310Power 500 NDA Power 1000 DA-D [DA-N] DA-1Frequency 1590 KHz Engineer BLACKField Intensity Meter RCA WX-2C Calibrated 5/23/79110 County Rd. 146, RFD #1
Trumansburg, New York 14886

POINT #	DISTANCE (MILES)	NON-DA MV/M	DATE	TIME TEMP	DA MV/M	DATE	TIME TEMP	RATIO : DA/NON-DA	COMMENTS
1	0.1	900	6/11	9:30					
2	0.2	540	"	9:32					
3	0.3	280	"	9:35					Route 31 A
4	0.5	140	"	10:45					
5	0.6	125	"	10:46					
6	0.7	110	"	10:47					
7	0.8	105	"	10:48					
8	0.9	100	"	10:49					
9	1.0	98	"	10:50	250	7/3	8:47	(2.55 -)	
10	1.1	92	6/8	11:36	140	7/8	11:47	1.52	Bedman Road
11	1.2	83	6/11	10:51	131	"	8:10	1.57	
12	1.3	78	"	10:53	123	"	8:12	1.57	
13	1.4	72	"	10:55	117	"	8:14	1.625	
14	1.5	68	"	10:58	100	"	8:16	1.47	
15	1.6	60	"	11:01	89	"	8:19	1.48	
16	1.7	55	"	11:05	84	"	8:21	1.29	Rail Road Tracks
17	1.8	50	"	11:08	79	"	8:24	1.52	
18	1.9	45	6/8	11:39	76	7/3	11:54	1.63	
19	2.6	32	"	11:45	39	"	11:58	1.22	Off 31
20	2.8	28	"	11:50	49	"	12:00	1.75	County Line Road
21	2.9	25	"	11:48	40	"	12:03	1.60	County Line Road
22	3.05	23	"	11:49	23	"	12:07	1.0	Gulf Road
23	3.70	17	"	11:54	16	"	12:10	.94	Edmunds Rd.
24	4.33	12	"	11:58	15	"	12:14	1.25	Bennetts Corners Rd.
25	5.0	11	"	12:01	12	"	12:17	1.09	On 237
26	5.36	8.4	"	12:04	11	"	12:21	1.31	Telegraph Rd.
27	6.3	6.8	"	12:08	10	"	12:23	1.47	Skillington Rd.
28	6.4	6.6	"	12:09	6	"	12:28	1.1	Groth Rd.
29	7.05	3.8	"	12:14	5.4	"	12:33	1.42	Hulberton Rd.
30	8.20	4.3	"	12:19	5.3	"	12:36	1.23	Phillips Rd.
31	8.3	3.8	"	12:22	4.2	"	12:41	1.10	Dirt Road
32	9.32	3.0	"	12:26	3.2	"	12:42	1.27	Fancher Road
33	10.00	2.4	"	12:29	3.2	"	12:44	1.33	Ridge Road
34	10.92	2.0	"	12:31	2.4	"	12:48	1.20	Transit Road
35	12.26	1.2	"	12:40	1.6	"	12:54	1.33	Densmore Road
36	13.95	1.0	"	12:44	1.4	"	12:59	1.40	Crandell Road
37	15.40	0.88	"	12:48	1.15	"	13:04	1.31	On 18
38	15.95	0.80	"	12:51	1.2	"	13:07	1.50	On 18
39	17.10	0.78	"	12:58	1.1	"	13:10	1.41	McCutchen Rd.
40	17.60	0.72	"	12:55	1.05	"	13:14	1.46	18
() EXCLUDED FROM RATIO AVERAGE					RATIO AVERAGE=1.37				

MILES FROM ANTENNA

GROUND WAVE FIELD INTENSITY

STATION WJBT
FREQUENCY 1590 kHz
POWER 500 W, N-DA
DIRECTION 310°T
EXHIBIT FIGURE 7-BB



607-273-2970

INDEPENDENT BROADCAST
CONSULTANTS, INC.
110 COUNTY RD 146 RFD #1
TRUMANSBURG, NEW YORK 14886

MILES FROM ANTENNA

GROUND WAVE FIELD INTENSITY

STATION WJBT
 FREQUENCY 1590 kHz
 POWER 1000 W, DA-N
 DIRECTION 310°T
 EXHIBIT FIGURE 7-BD

MILLIVOLTS PER METER

Inverse field at one mile = 220 mv/m

5.5 mV/m

SUPPLEMENTAL



607-273-2970

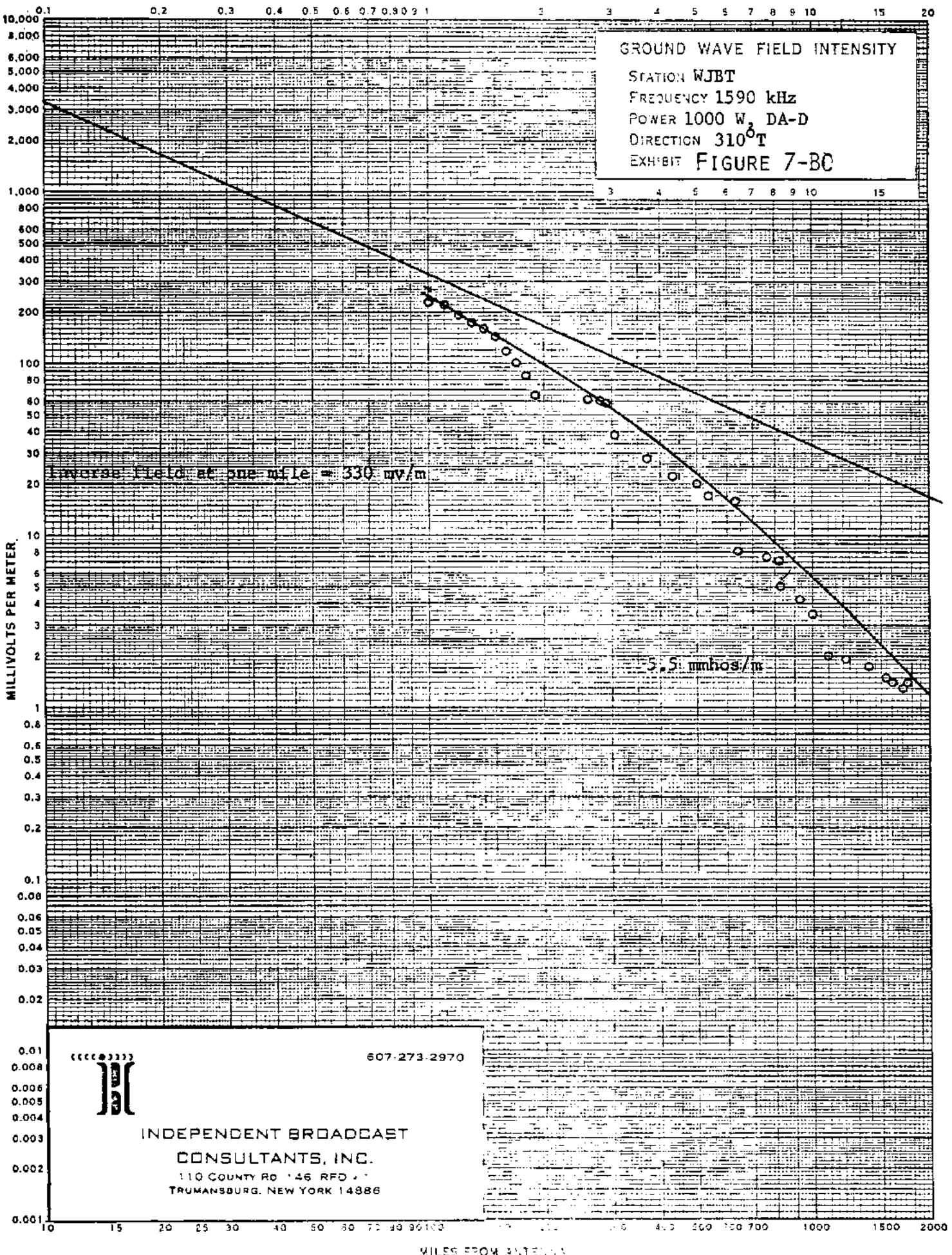
INDEPENDENT BROADCAST
 CONSULTANTS, INC.
 110 COUNTY RD 146, RFD #1
 TRUMANSBURG, NEW YORK 14886

MILES FROM ANTENNA

MILES FROM ANTENNA

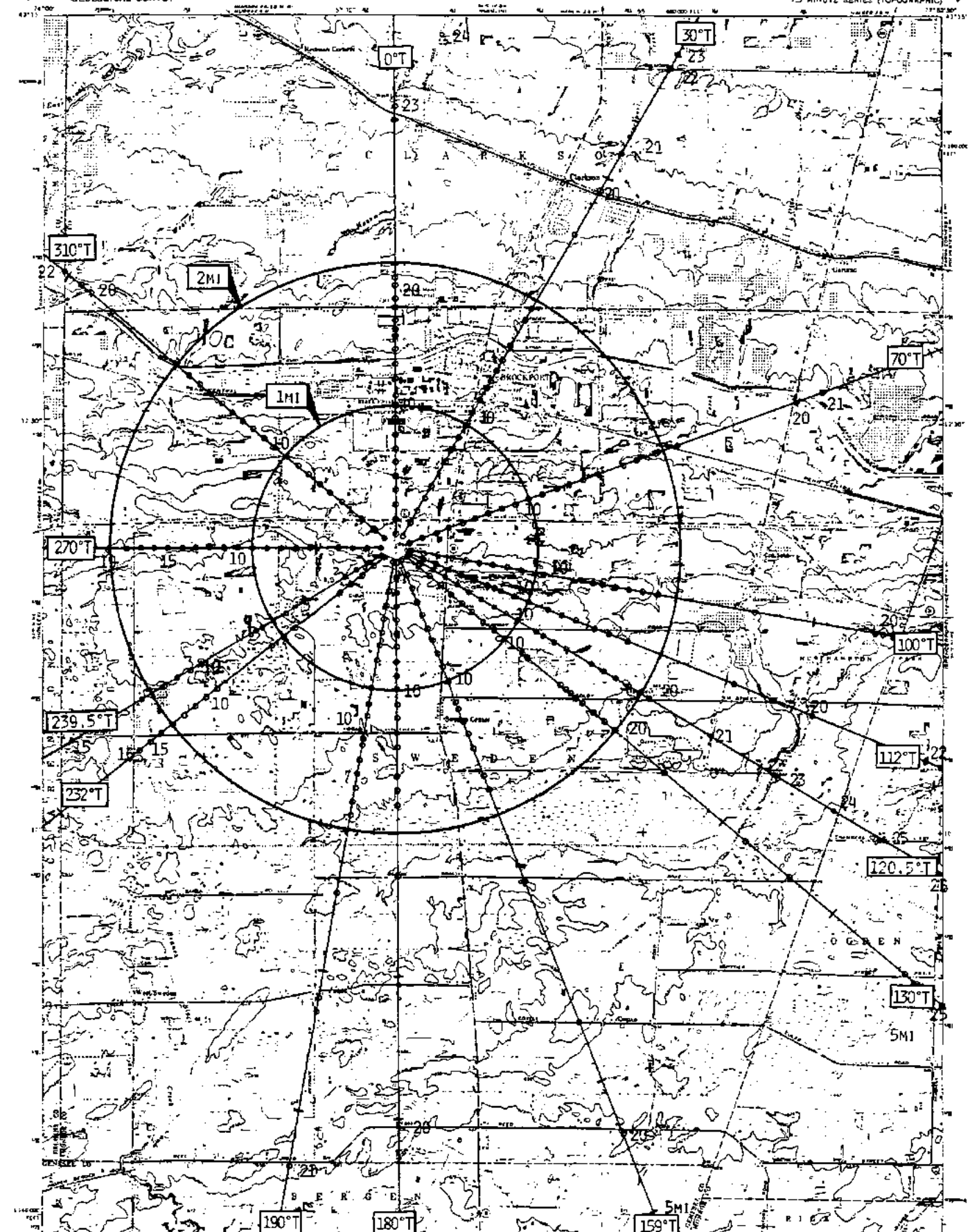
GROUND WAVE FIELD INTENSITY

STATION WJBT
FREQUENCY 1590 kHz
POWER 1000 W DA-D
DIRECTION 310°T
EXHIBIT FIGURE 7-8C



607-273-2970

INDEPENDENT BROADCAST
CONSULTANTS, INC.
110 COUNTY RD. '46 RFD. 1
TRUMANSBURG, NEW YORK 14886



Map and aerial photographs by the Geological Survey
Control on USGS 1:250,000 and New York Coastal Survey
Topographic by photogrammetric methods from aerial photography
1948-1951. Road checked 1957
Revisions made 1960-1962
Projection and -1000-foot grid ticks New York Coastal
Survey, 1948 and 1950
1000-foot Universal Transverse Mercator grid ticks
Zone 18 shown - also 1927 North American datum
The red contour lines indicate selected peaks and low points where
generally based on actual measurements. This information is useful for
road and location work - which are indicated by dashed lines and shown

SCALE 1:24,000
CONTOUR INTERVAL 5 FEET
DATUM - MEAN SEA LEVEL
This map conforms to all national map accuracy standards
1:50,000 scale by U.S. Geological Survey, Washington, D.C. 20540
A folder describing topographic maps and symbols is available on request

FIGURE 8-A
FOURSCORE BROADCASTING, INC.
SEPTEMBER 1980
BROCKPORT, N. Y.
43°30' N 78°00' W
1801
AGE 1479 IN 847-SERIES 1981

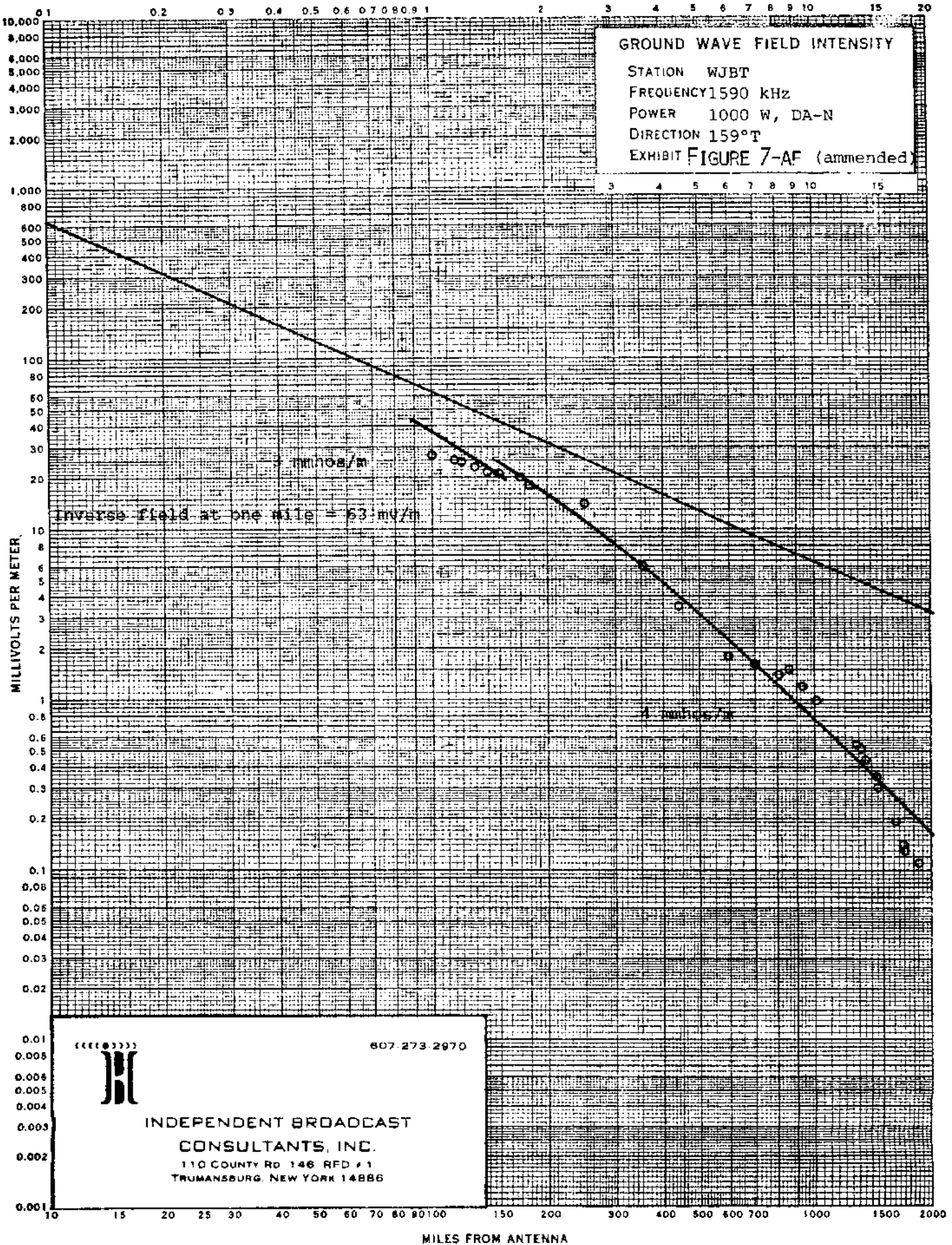
FIGURE 7-V

FIELD INTENSITY MEASUREMENTS

Station/Client WJBT Radial 127.5
Power 500 NDA Power 1000 DA-D [DA-N] DA-1
Frequency 1500 KHz Engineer Black
Field Intensity Meter BCA WX-2C Calibrated 5/23/79

[illegible]

MILES FROM ANTENNA



MILES FROM ANTENNA

