

APPENDIX G

WLQV FIELD STRENGTH MEASUREMENTS

Extracted from WLQV (formerly WDEE)
1972 Full Proof of Performance (BZ-8243)

RADIO STATION WDEE
DETROIT, MICHIGAN

FIELD INTENSITY MEASUREMENTS RADIAL N 92° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
1	0.30	1700		
2	0.43	1327		
3	0.51	998		
4	0.57	964		
5	0.70	782		
6	0.76	748		
7	0.81	669		
8	1.00	533		
9	1.06	488		
10	1.05	544	7.80	1.15650
10A	1.05	544	6.70	1.09048
10B	1.05	544	5.50	1.00476
10C	1.05	544	8.20	1.17821
10D	1.05	544	8.20	1.17821
11	1.16	403	3.10	0.88606
11A	1.16	403	3.80	0.97448
11B	1.16	403	3.90	0.98576
11C	1.16	403	2.90	0.85709
11D	1.16	403	2.20	0.73712
12	1.28	379	*	
13	1.36	359	16.0	1.64903
13A	1.36	359	14.3	1.60024
13B	1.36	359	12.6	1.54528
13C	1.36	359	15.5	1.63524
13D	1.36	359	16.0	1.64903
14	1.42	315	12.1	1.58447
14A	1.42	315	11.2	1.55091
14B	1.42	315	12.6	1.60206
14C	1.42	315	11.2	1.55091
14D	1.42	315	11.2	1.55091
15	1.47	354	7.80	1.34309
15A	1.47	354	7.50	1.32606
15B	1.47	354	10.2	1.45960
15C	1.47	354	8.10	1.35948
15D	1.47	354	6.60	1.27054
16	1.50	342	7.60	1.34679
16A	1.50	342	5.80	1.22940
16B	1.50	342	8.00	1.36906
16C	1.50	342	8.70	1.40549
16D	1.50	342	7.30	1.32930
17	1.52	310	8.80	1.45312
17A NP	1.52	310	8.90	1.45803
17B	1.52	310	8.40	1.43292
17C	1.52	310	8.10	1.41712
17D	1.52	310	8.10	1.41712
18	1.54	331	**	
19	1.56	365	5.40	1.17010
19A	1.56	365	3.50	0.98178
19B	1.56	365	5.00	1.13668
19C	1.56	365	6.40	1.24389
19D	1.56	365	5.30	1.16198

FIELD INTENSITY MEASUREMENTS RADIAL N 92° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
20	1.57	304	7.00	1.36222
20A	1.57	304	6.20	1.30952
20B	1.57	304	7.20	1.37446
20C	1.57	304	6.90	1.35598
20D	1.57	304	6.30	1.31647
21	1.60	293	4.20	1.15638
21A	1.60	293	5.10	1.24070
21B	1.60	293	5.10	1.24070
21C	1.60	293	2.20	0.87556
21D	1.60	293	3.40	1.06461
22	1.70	281	3.40	1.08277
22A	1.70	281	3.30	1.06981
22B	1.70	281	3.70	1.11950
22C	1.70	281	3.10	1.04266
22D	1.70	281	3.10	1.04266
23	1.76	289	7.30	1.40243
23A	1.76	289	7.20	1.39643
23B	1.76	289	7.20	1.39643
23C	1.76	289	7.80	1.43120
23D	1.76	289	7.50	1.41416
24	1.82	281	6.50	1.36421
24A	1.82	281	6.20	1.34369
24B	1.82	281	5.60	1.29948
24C	1.82	281	6.30	1.35063
24D	1.82	281	6.00	1.32944
25	1.87	304	6.20	1.30952
25A	1.87	304	5.60	1.26531
25B	1.87	304	4.40	1.16058
25C	1.87	304	6.20	1.30952
25D	1.87	304	7.00	1.36222
26	1.93	278	6.50	1.36887
26A	1.92	278	5.50	1.29632
26B	1.93	278	5.50	1.29632
26C	1.93	278	6.40	1.36214
26D	1.93	278	7.80	1.44805
27	2.00	232	8.90	1.58390
27A	2.00	232	8.50	1.56393
27B	2.00	232	8.90	1.58390
27C	2.00	232	8.20	1.54833
27D	2.00	232	8.90	1.58390
28	2.07	231	**	
29	2.15	249	11.6	1.66826
29A	2.15	249	9.20	1.56759
29B	2.15	249	10.2	1.61240
29C	2.15	249	11.4	1.66071
29D	2.15	249	10.2	1.61240
30	2.18	206	11.2	1.73535
30A	2.18	206	13.1	1.80340
30B	2.18	206	9.70	1.67290
30C	2.18	206	7.70	1.57262
30D	2.18	206	12.1	1.76892
31	2.23	206	6.80	1.51864
31A	2.23	206	6.60	1.50568
31B	2.23	206	6.60	1.50568
31C	2.23	206	7.20	1.54347
30D	2.23	206	7.30	1.54946
32	2.27	206	1/	

FIELD INTENSITY MEASUREMENTS RADIAL N 92° E

Point Number	Distance Miles	10 kW ND mV/m	5 kW DA mV/m	Log 1000 (DA/ND)
33	2.40	219	0.40	0.26162
33A	2.40	219	1.70	0.89000
33B	2.40	219	0.60	0.43771
33C	2.40	219	0.70	0.50465
33D	2.40	219	0.80	0.56265
34	2.44	208	1.07	0.71132
34A	2.44	208	0.97	0.66871
34B	2.44	208	1.30	0.79588
34C	2.44	208	1.35	0.81227
34D	2.44	208	1.40	0.82806
35	2.47	212	3.20	1.17881
35A	2.47	212	2.80	1.12082
35B	2.47	212	2.80	1.12082
35C	2.47	212	2.80	1.12082
35D	2.47	212	3.40	1.20514
36	2.56	170	2.70	1.20091
36A	2.56	170	2.60	1.18452
36B	2.56	170	2.30	1.13128
36C	2.56	170	2.80	1.21671
36D	2.56	170	2.60	1.18452
37	4.82	96.0		
38	5.30	88.0		
39	6.18	72.6		
40	6.88	47.6		
41	7.83	46.5		
42	8.54	41.4		
43	10.5	28.0		
44	13.0	22.5		
45	15.2	17.2		
46	16.6	14.4		
47	18.9	14.2		

* See Appendix A in License Application
 ** See Appendix A attached

Average Log

1.27946

Antilog

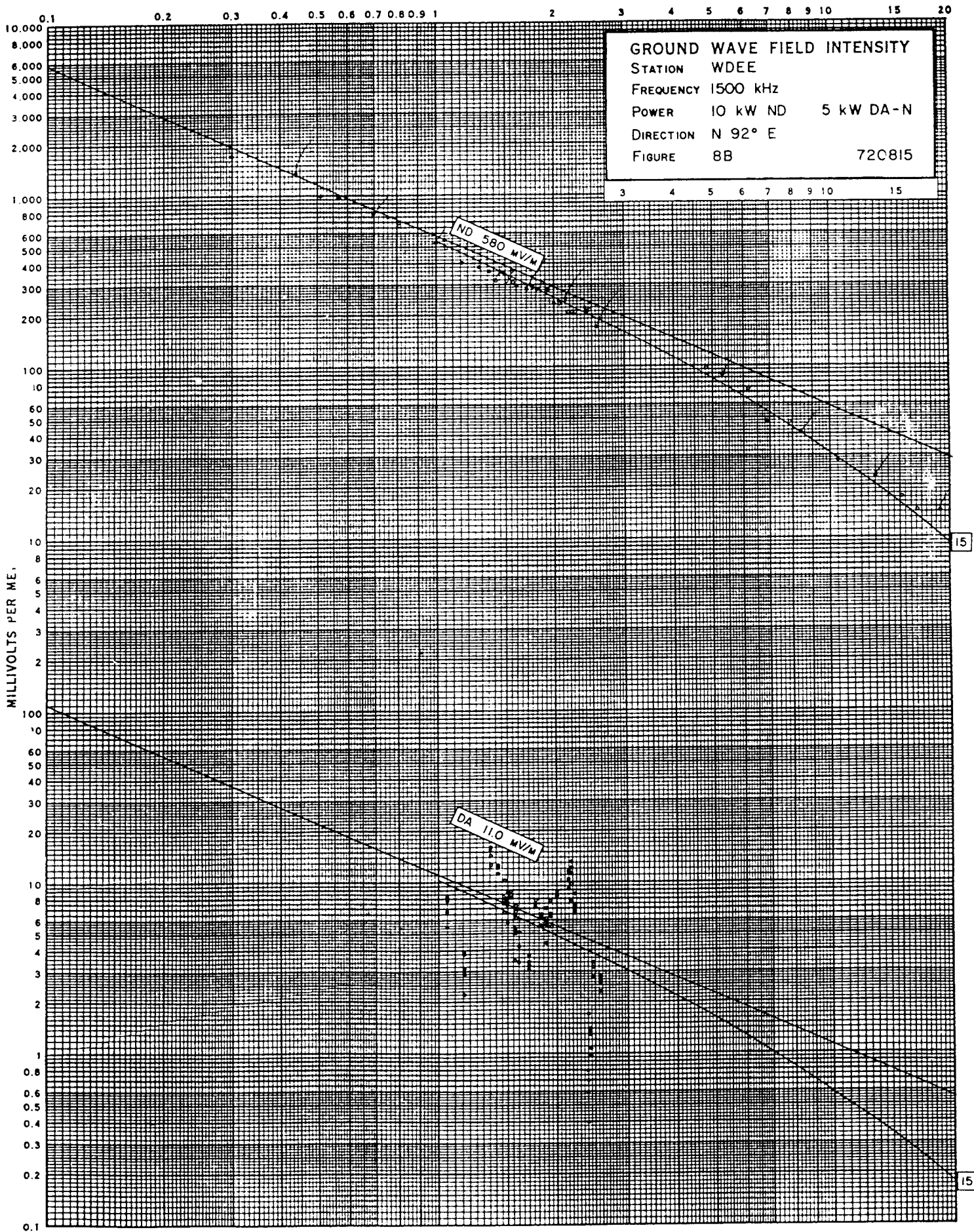
.01901

Inverse Field 580 11.0

ND measured (1-9) 6/16/65, (10-36) 7/20/67, (37-47) 6/24/65
 DA measured 7 14/72

1/ Point deleted - building on point

MILES FROM ANTENNA



RADIO STATION WDEE
DETROIT, MICHIGAN

FIELD INTENSITY MEASUREMENTS RADIAL N 107° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
1	0.46	1157		
2	0.63	851		
3	0.82	624		
4	0.93	471		
5	1.10	499	20.4	1.61153
5A	1.10	499	19.4	1.58970
5B	1.10	499	18.9	1.57836
5C	1.10	499	19.1	1.58293
5D	1.10	499	17.9	1.55475
6	1.20	456	22.7	1.69706
6A	1.20	456	21.5	1.67347
6B	1.20	456	18.6	1.61055
6C	1.20	456	22.9	1.70087
6D	1.20	456	21.4	1.67145
7	1.29	454	21.4	1.67336
7A	1.29	454	21.4	1.67336
7B	1.29	454	21.4	1.67336
7C	1.29	454	20.4	1.65257
7D	1.29	454	20.6	1.65681
8	1.35	422	**	
9	1.43	386	10.2	1.42201
9A	1.43	386	9.2	1.37720
9B	1.43	386	12.2	1.49977
9C	1.43	386	10.7	1.44280
9D	1.43	386	7.80	1.30551
10	1.47	408	9.20	1.35313
10A	1.47	408	9.80	1.38056
10B	1.47	408	10.9	1.42677
10C	1.47	408	8.20	1.30315
10D	1.47	408	7.30	1.25266
11	1.52	354	11.2	1.50021
11A	1.52	354	10.2	1.45960
11B	1.52	354	8.50	1.38042
11C	1.52	354	9.10	1.41003
11D	1.52	354	12.2	1.53735
12	1.56	361	18.0	1.69776
12A	1.56	361	16.5	1.65998
12B	1.56	361	16.0	1.64661
12C	1.56	361	18.0	1.69776
12D	1.56	361	20.4	1.75212
13	1.61	357	19.4	1.73513
13A	1.61	357	16.5	1.66482
13B	1.61	357	18.9	1.72379
13C	1.61	357	19.4	1.73513
13D	1.61	357	18.3	1.70978
14	1.64	361	14.6	1.60684
14A	1.64	361	15.5	1.63282
14B	1.64	361	15.9	1.64389
14C	1.64	361	15.0	1.61858
14D	1.64	361	13.6	1.57603

FIELD INTENSITY MEASUREMENTS RADIAL N 107° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
15	1.70	376	15.5	1.61514
15A	1.70	376	13.1	1.54208
15B	1.70	376	16.5	1.64230
15C	1.70	376	20.4	1.73444
15D	1.70	376	13.1	1.54208
16	1.77	335	20.4	1.78458
16A	1.77	335	20.9	1.79510
16B	1.77	335	20.5	1.78671
16C	1.77	335	19.4	1.76276
16D	1.77	335	21.9	1.81540
17 MP	1.92	286	6.10	1.52896
17A	1.92	286	5.80	1.30706
17B	1.92	286	5.10	1.25120
17C	1.92	286	6.20	1.33602
17D	1.92	286	6.00	1.32178
18	1.98	281	8.50	1.48071
18A	1.98	281	8.10	1.45978
18B	1.98	281	9.00	1.50554
18C	1.98	281	8.50	1.48071
18D	1.98	281	8.70	1.49081
19	2.04	304	5.60	1.26531
19A	2.04	304	5.40	1.24952
19B	2.04	304	7.70	1.40362
19C	2.04	304	6.50	1.33004
19D	2.04	304	4.50	1.17034
20	2.08	320	2.10	0.81707
20A	2.08	320	1.90	0.77360
20B	2.08	320	3.15	0.99316
20C	2.08	320	3.15	0.99316
20D	2.08	320	2.00	0.79588
21	2.14	298	0.70	0.37088
21A	2.14	298	0.80	0.42887
21B	2.14	298	1.10	0.56718
21C	2.14	298	0.80	0.42887
21D	2.14	298	0.60	0.30393
22	2.19	261	2.45	0.97252
22A	2.19	261	2.20	0.92578
22B	2.19	261	2.00	0.88439
22C	2.19	261	2.30	0.94509
22D	2.19	261	2.60	0.99833
23	2.25	236	1.45	0.78846
23A	2.25	236	1.34	0.75419
23B	2.25	236	0.95	0.60481
23C	2.25	236	2.00	0.92812
23D	2.25	236	1.80	0.88236
24	2.36	176	0.96	0.73676
24A	2.36	176	0.62	0.54688
24B	2.36	176	0.40	0.35655
24C	2.36	176	1.10	0.79588
24D	2.36	176	1.34	0.88159
25	2.49	198	1.16	0.76779
25A	2.49	198	1.82	0.96341
25B	2.49	198	1.35	0.83367
25C	2.49	198	0.65	0.51625
25D	2.49	198	2.00	1.00436

FIELD INTENSITY MEASUREMENTS RADIAL N 107° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
26	2.57	189	**	
27	2.60	221	7.40	1.52484
27A	2.60	221	7.50	1.58503
27B	2.60	221	7.10	1.50687
27C	2.60	221	6.90	1.49446
27D	2.60	221	8.00	1.55870
28	2.65	166	5.00	1.47886
28A	2.65	166	5.40	1.51228
28B	2.65	166	4.10	1.39268
28C	2.65	166	4.30	1.41336
28D	2.65	166	6.20	1.57228
29	5.35	89.6		
30	6.03	73.7		
31	7.32	62.4		
32	7.73	59.0		
33	8.93	46.5		
34	9.72	43.7		
35	11.5	34.0		
36	12.7	30.6		
37	14.6	23.8		
38	17.0	19.5		
39	18.1	19.3		

** See Appendix A Attached

Average Log

1.32503

Antilog

.02114 ✓

Inverse Field

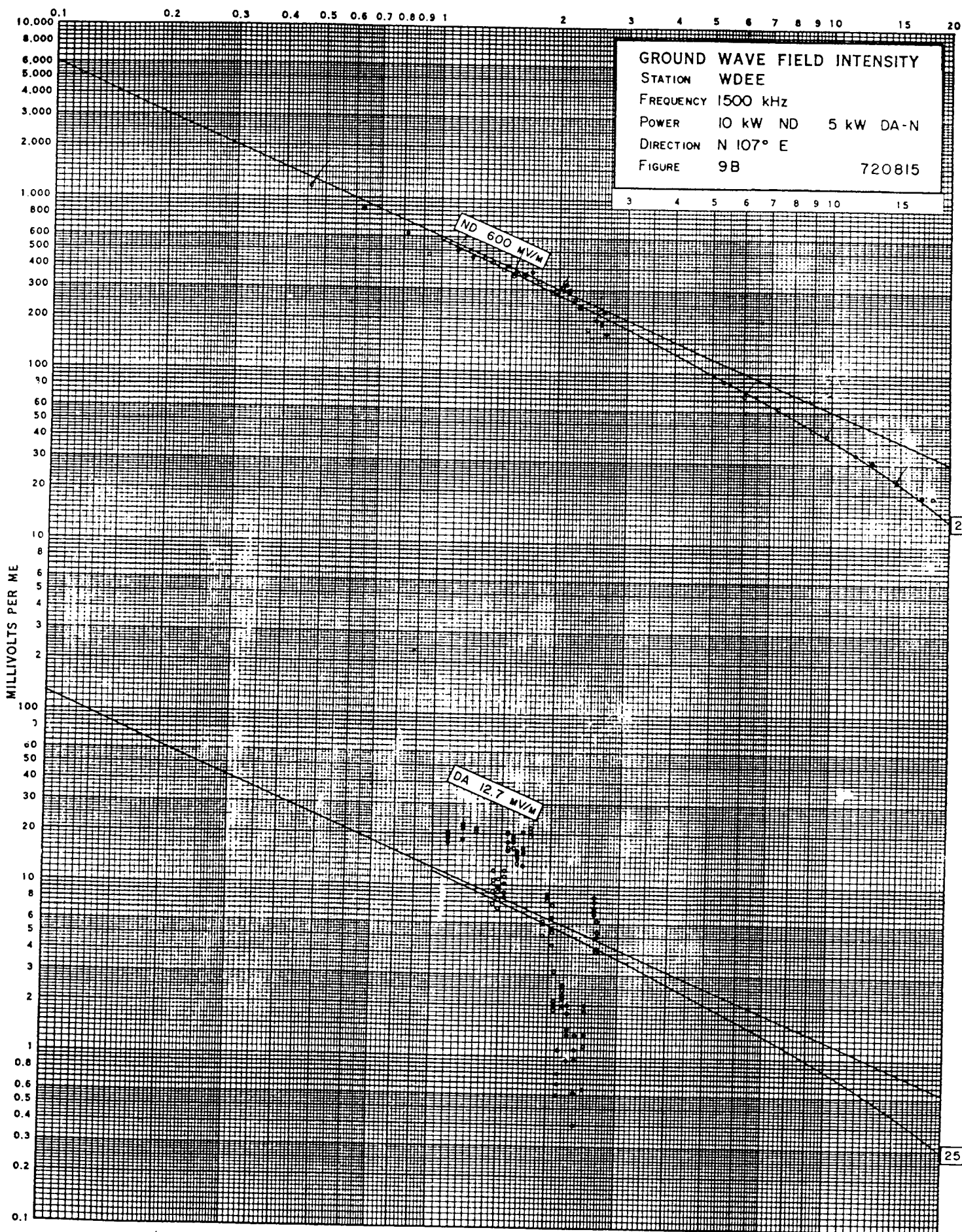
600

12.7

ND measured (1-4) 6/15/65, (5-28) 7/21/67, (29-39) 6/24/65

DA measured (5-7), (10-11) 7/12/72, 9, (12-28) 7/13/72

MILES FROM ANTENNA



RADIO STATION WDEE
DETROIT, MICHIGAN

FIELD INTENSITY MEASUREMENTS RADIAL N 122° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
1	0.37	1497		
2	0.48	1270		
3	0.69	805		
4	0.83	737		
5	0.91	714		
6	0.96	692		
7	1.13	578		
8	1.12	624	27.9	1.65042
8A	1.12	624	25.5	1.61136
8B	1.12	624	29.4	1.67316
8C	1.12	624	24.5	1.59398
8D	1.12	624	22.5	1.55700
9	1.19	556	*	
10 MP	1.25	488	28.5	1.76643
10A	1.25	488	26.0	1.72655
10B	1.25	488	26.0	1.72655
10C	1.25	488	23.5	1.68265
10D	1.25	488	26.0	1.72655
11	1.32	454	*	
12	1.39	459	17.6	1.58370
12A	1.39	459	18.6	1.60770
12B	1.39	459	18.1	1.59587
12C	1.39	459	17.1	1.57118
12D	1.39	459	14.7	1.50550
13	1.46	505	12.7	1.40051
13A	1.46	505	11.0	1.33810
13B	1.46	505	12.5	1.39362
13C	1.46	505	11.5	1.35741
13D	1.46	505	9.70	1.28348
14	1.54	431	8.60	1.30002
14A	1.54	431	9.00	1.31977
14B	1.54	431	9.00	1.31977
14C	1.54	431	8.80	1.31001
14D	1.54	431	8.80	1.31001
15	1.60	397	14.7	1.56853
15A	1.60	397	11.3	1.45429
15B	1.60	397	14.7	1.56853
15C	1.60	397	14.3	1.55655
15D	1.60	397	11.3	1.45429
16	1.66	354	9.30	1.41948
16A	1.66	354	9.00	1.40524
16B	1.66	354	9.90	1.44663
16C	1.66	354	9.80	1.44222
16D	1.66	354	8.00	1.35409
17	1.68	386	9.80	1.40464
17A	1.68	386	9.80	1.40464
17B	1.68	386	9.80	1.40464
17C	1.68	386	8.40	1.33769
17D	1.68	386	9.00	1.36766
18	1.72	340	6.60	1.28807
18A	1.72	340	5.50	1.20888
18B	1.72	340	7.40	1.33775
18C	1.72	340	6.60	1.28807
18D	1.72	340	5.50	1.20888

FIELD INTENSITY MEASUREMENTS RADIAL N 122° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
19	1.77	391	5.10	1.11539
19A	1.77	391	4.60	1.07058
19B	1.77	391	6.10	1.19315
19C	1.77	391	5.90	1.17868
19D	1.77	391	4.50	1.06104
20	1.82	354	3.50	0.99506
20A	1.82	354	3.70	1.01920
20B	1.82	354	4.30	1.08447
20C	1.82	354	3.30	0.96951
20D	1.82	354	3.30	0.96951
21	1.87	344	7.60	1.34426
21A	1.87	344	7.20	1.32077
21B	1.87	344	6.30	1.26278
21C	1.87	344	5.80	1.22687
21D	1.87	344	6.30	1.26278
22	1.94	363	9.40	1.41322
22A	1.94	363	9.40	1.41322
22B	1.94	363	9.30	1.40858
22C	1.94	363	9.30	1.40858
22D	1.94	363	9.10	1.39913
23	2.02	323	7.40	1.36003
23A	2.02	323	7.60	1.37161
23B	2.02	323	7.10	1.34206
23C	2.02	323	7.40	1.36003
23D	2.02	323	7.00	1.33590
24	2.25	247	*	
25	2.36	247	6.10	1.39263
25A	2.36	247	5.70	1.36318
25B	2.36	247	6.30	1.40664
25C	2.36	247	5.70	1.36318
25D	2.36	247	5.10	1.31487
26	2.47	232	3.20	1.13966
26A	2.47	232	3.00	1.11163
26B	2.47	232	3.10	1.12587
26C	2.47	232	3.00	1.11163
26D	2.47	232	2.90	1.09691
27	2.55	210	4.20	1.30103
27A	2.55	210	4.00	1.27984
27B	2.55	210	3.90	1.26885
27C	2.55	210	4.00	1.27984
27D	2.55	210	4.10	1.29056
28	2.72	215	1.70	0.89801
28A	2.72	215	1.65	0.88504
28B	2.72	215	1.60	0.87168
28C	2.72	215	1.50	0.84365
28D	2.72	215	1.45	0.82893
29	2.87	227	2.90	1.10637
29A	2.87	227	2.90	1.10637
29B	2.87	227	2.50	1.04191
29C	2.87	227	2.80	1.09113
29D	2.87	227	2.90	1.10637
30	2.94	186	2.10	1.05271
30A	2.94	186	2.00	1.03152
30B	2.94	186	1.85	0.99766
30C	2.94	186	1.80	0.98576
30D	2.94	186	1.85	0.99766

FIELD INTENSITY MEASUREMENTS RADIAL N 122° E

Point Number	Distance Miles	10 kW ND mV/m	5 kW DA mV/m	Log 1000 (DA/ND)
31	2.98	193	2.60	1.12942
31A	2.98	193	2.40	1.09465
31B	2.98	193	2.40	1.09465
31C	2.98	193	2.50	1.11238
31D	2.98	193	2.20	1.05687
32	3.06	163	0.25	0.18575
32A	3.06	163	0.48	0.46905
32B	3.06	163	0.30	0.26493
32C	3.06	163	0.58	0.55124
32D	3.06	163	0.25	0.18575
33	3.16	135	*	
34	6.11	70.8		
35	6.92	57.8		
36	7.97	48.2		
37	8.51	45.1		
38	9.80	40.8		
39	10.8	34.4		
40	11.6	32.8		
41	12.7	27.4		
42	15.1	19.5		
43	17.3	14.5		
44	19.0	11.1		

*See Appendix A

Average Log

1.25049

Antilog

.01780 ✓

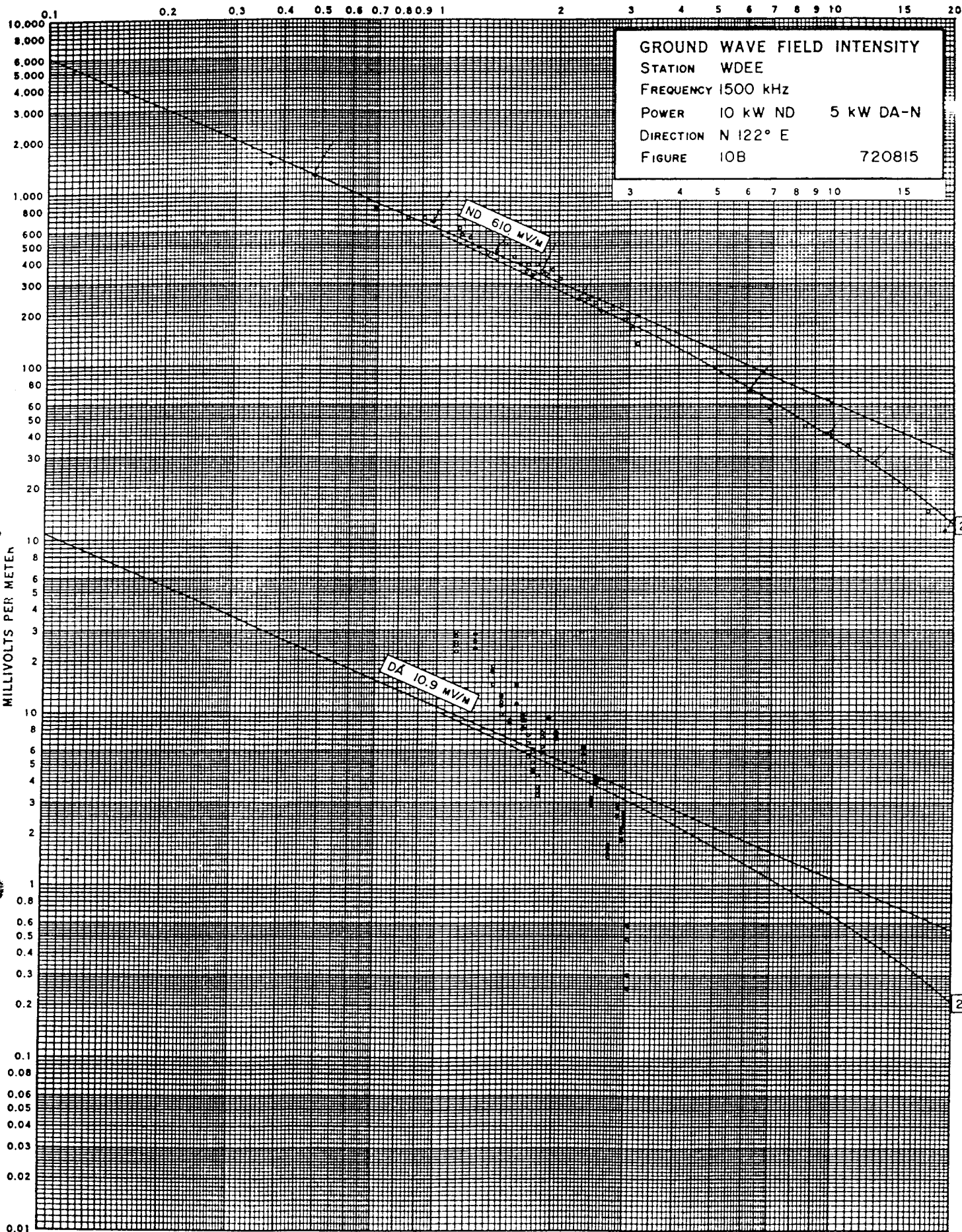
Inverse Field

.610

10.9

ND Measured (1-7) 6/16/65, (8-33) 7/21/67, (34-44) 6/24/65
DA Measured 7/19/72

MILES FROM ANTENNA



RADIO STATION WDEE
DETROIT, MICHIGAN

FIELD INTENSITY MEASUREMENTS RADIAL N 142° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
1	0.32	1644		
2	0.50	1157		
3	0.58	997		
4	0.67	859		
5	0.91	669		
6	0.97	624		
7	1.04	590		
8	1.12	561		
9	1.18	527		
10	1.25	522		
11	1.31	459		
12	1.38	451		
13	1.45	374		
14	1.60	431		
15	1.68	397	16.3	1.61340
15A	1.68	397	15.3	1.58590
15B	1.68	397	18.5	1.66838
15C MP	1.68	397	14.8	1.57147
15D	1.68	397	14.1	1.55043
16	1.77	327	13.6	1.61899
16A	1.77	327	13.6	1.61899
16B	1.77	327	13.1	1.60272
16C	1.77	327	13.1	1.60272
16D	1.77	327	12.6	1.58582
17	1.89	323	13.6	1.62434
17A	1.89	323	14.1	1.64002
17B	1.89	323	12.6	1.59117
17C	1.89	323	13.6	1.62434
17D	1.89	323	12.1	1.57358
18	1.98	286	17.0	1.77408
18A	1.98	286	16.5	1.76112
18B	1.98	286	15.1	1.72261
18C	1.98	286	15.1	1.72261
18D	1.98	286	16.0	1.74775
19	2.24	270	9.70	1.55541
19A	2.24	270	8.30	1.48771
19B	2.24	270	9.30	1.53712
19C	2.24	270	8.90	1.51803
19D	2.24	270	8.30	1.48771
20	2.34	240	6.60	1.43933
20A	2.34	240	6.60	1.43933
20B	2.34	240	7.30	1.48311
20C	2.34	240	6.20	1.41218
20D	2.34	240	6.20	1.41218
21	2.43	297	2.20	0.86967
21A	2.43	297	2.50	0.92518
21B	2.43	297	3.10	1.01861
21C	2.43	297	2.35	0.89831
21D	2.43	297	1.70	0.75769
22	2.52	243	2.70	1.04576
22A	2.52	243	2.40	0.99460
22B	2.52	243	3.10	1.10576
22C	2.52	243	2.40	0.99460
22D	2.52	243	2.30	0.97612

FIELD INTENSITY MEASUREMENTS RADIAL N 142° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
23	2.62	202	4.00	1.29671
23A	2.62	202	2.50	1.14181
23B	2.62	202	4.00	1.29671
23C	2.62	202	4.00	1.32812
23D	2.62	202	4.00	1.35741
24	2.73	209	5.10	1.38742
24A	2.73	209	6.40	1.48603
24B	2.73	209	5.30	1.40413
24C	2.73	209	4.60	1.34261
24D	2.73	209	5.30	1.40413
25	2.78	184	4.70	1.40728
25A	2.78	184	5.00	1.43415
25B	2.78	184	4.50	1.38839
25C	2.78	184	4.70	1.40728
25D	2.78	184	3.80	1.31497
26	2.84	184	5.10	1.44275
26A	2.84	184	5.10	1.44275
26B	2.84	184	4.80	1.41642
26C	2.84	184	4.70	1.40728
26D	2.84	184	5.10	1.45119
27	2.98	202	3.10	1.18601
27A	2.98	202	3.10	1.18601
27B	2.98	202	3.40	1.22613
27C	2.98	202	2.90	1.15705
27D	2.98	202	2.80	1.14181
28	3.06	159	2.90	1.26100
28A	3.06	159	2.80	1.24576
28B	3.06	159	3.00	1.27572
28C	3.06	159	3.00	1.27572
28D	3.06	159	2.30	1.16033
29	3.15	179	2.30	1.10887
29A	3.15	179	2.40	1.12736
29B	3.15	179	2.30	1.10887
29C	3.15	179	2.30	1.10887
29D	3.15	179	2.10	1.06937
30	3.24	164	2.50	1.18310
30A	3.24	164	2.20	1.12758
30B	3.24	164	2.40	1.16537
30C	3.24	164	2.30	1.14688
30D	3.24	164	2.10	1.10738
31	3.33	153	4.40	1.45876
31A	3.33	153	3.70	1.38351
31B	3.33	153	4.40	1.45876
31C	3.33	153	3.90	1.40637
31D	3.33	153	3.50	1.35938
32	3.45	155	1.70	1.04012
32A	3.45	155	1.70	1.04012
32B	3.45	155	2.00	1.11070
32C	3.45	155	2.00	1.11070
32D	3.45	155	1.30	0.92361
33	3.48	200	2.40	1.07918
33A	3.48	200	1.80	0.95424
33B	3.48	200	2.20	1.04139
33C	3.48	200	2.00	1.00000
33D	3.48	200	1.90	0.97772

FIELD INTENSITY MEASUREMENTS RADIAL N 142° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
34	7.31	48.2		
35	7.51	48.2		
36	9.52	30.4		
37	10.9	26.9		
38	11.5	24.7		
39	12.3	19.7		
40	14.7	16.8		
41	17.0	14.5		
42	20.0	11.6		

Average Log

1.32032

Antilog

.02091 ✓

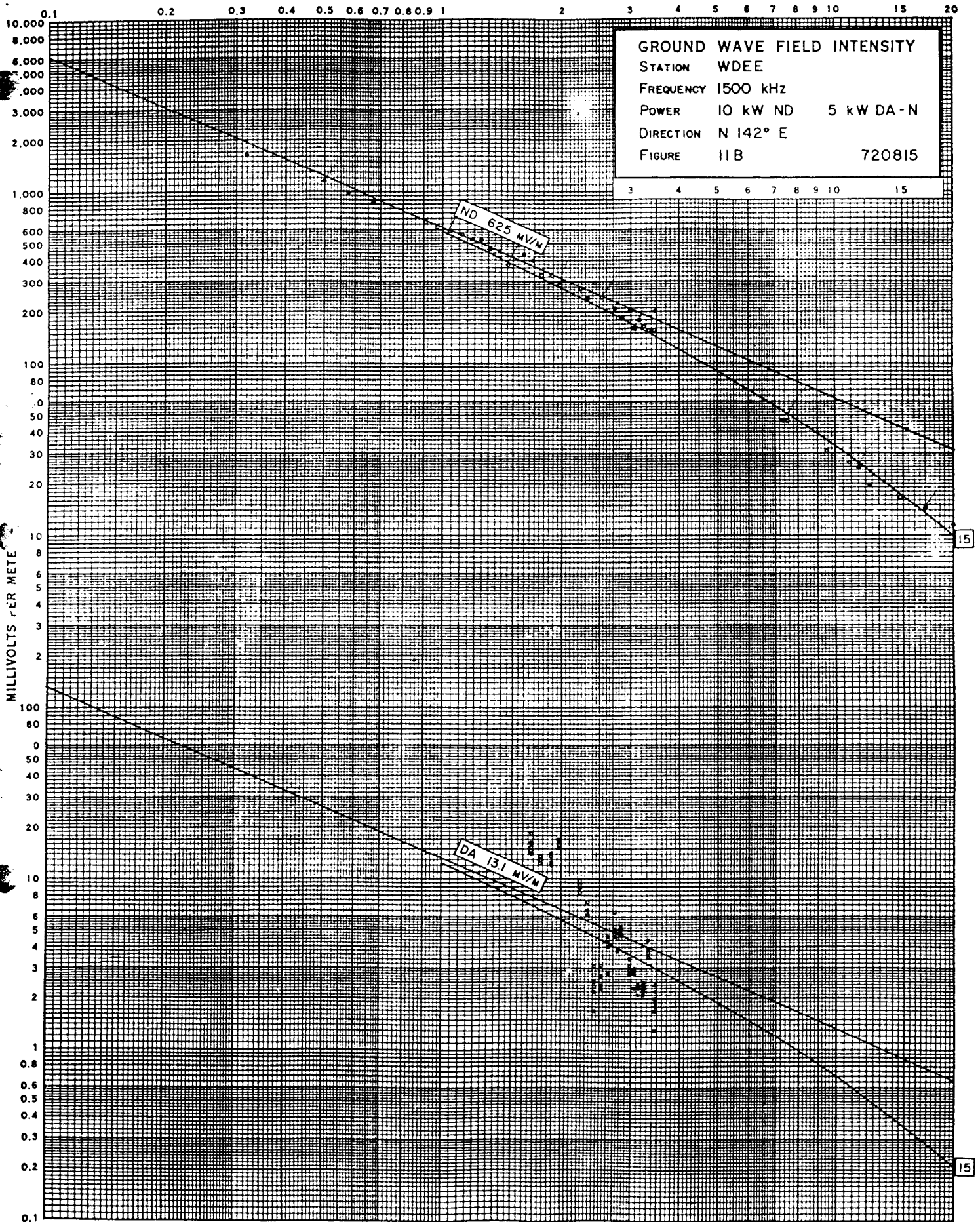
Inverse Field

625

13.1

ND measured (1-14) 6/16/65, (15-33) 7/22/67, (34-42) 6/24/65
DA measured 7/14/72

MILES FROM ANTENNA



RADIO STATION WDEE
DETROIT, MICHIGAN

FIELD INTENSITY MEASUREMENTS RADIAL N 162° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
1	0.42	1350		
2	0.51	953		
3	0.63	873		
4	0.98	561		
5	1.03	556		
6	1.09	550		
7	1.15	488		
8	1.26	442		
9	1.38	414		
10	1.50	357		
11	1.75	363	19.0	1.71885
11A	1.75	363	19.0	1.71885
11B	1.75	363	19.6	1.73235
11C MP	1.75	363	19.4	1.72790
11D	1.75	363	17.0	1.67054 ✓
12	1.86	340	12.6	1.56889
12A	1.86	340	12.1	1.55131
12B	1.86	340	13.6	1.60206
12C	1.86	340	10.7	1.49790
12D	1.86	340	10.7	1.49790
13	1.92	315	12.1	1.58447
13A	1.92	315	11.2	1.55091
13B	1.92	315	13.6	1.63523
13C	1.92	315	11.6	1.56615
13D	1.92	315	10.2	1.51029
14	1.97	295	7.20	1.38751
14A	1.97	295	5.40	1.26257
14B	1.97	295	8.20	1.44399
14C	1.97	295	7.00	1.37528 ✓
14D	1.97	295	7.00	1.37528
15	2.03	301	12.2	1.60779
15A	2.03	301	13.1	1.63870
15B	2.03	301	12.2	1.60779
15C	2.03	301	9.70	1.50821
15D	2.03	301	11.7	1.58962 ✓
16	2.08	318	8.60	1.43207
16A	2.08	318	9.20	1.46136
16B	2.08	318	8.90	1.44696
16C	2.08	318	8.70	1.43709
16D	2.08	318	9.30	1.46606
17	2.15	293	8.60	1.46763
17A	2.15	293	8.90	1.48252
17B	2.15	293	8.90	1.48252
17C	2.15	293	8.40	1.45741 ✓
17D	2.15	293	8.70	1.47265
18	2.21	291	7.80	1.42820
18A	2.21	291	7.80	1.42820
18B	2.21	291	8.70	1.47563
18C	2.21	291	7.20	1.39344
18D	2.21	291	7.20	1.39344

FIELD INTENSITY MEASUREMENTS RADIAL N 162° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
19	2.33	261	3.30	1.10187
19A	2.33	261	3.20	1.08851
19B	2.33	261	3.70	1.15156
19C	2.33	261	3.40	1.11484
19D	2.33	261	2.50	0.98130
20	2.38	260	2.00	0.88606
20A	2.38	260	1.60	0.78915
20B	2.38	260	2.70	1.01639
20C	2.38	260	2.10	0.90725
20D	2.38	260	1.30	0.69897
21	2.46	263	2.70	1.01141
21A	2.46	263	2.40	0.96026
21B	2.46	263	3.40	1.11152
21C	2.46	263	2.40	0.96026
21D	2.46	263	1.50	0.75614
22	2.53	249	1.00	0.60380
22A	2.53	249	1.05	0.62499
22B	2.53	249	1.40	0.74993
22C	2.53	249	1.10	0.64519
22D	2.53	249	1.00	0.60380
23	2.58	225	1.10	0.68921
23A	2.58	225	1.30	0.76176
23B	2.58	225	2.00	0.94885
23C	2.58	225	1.10	0.68921
23D	2.58	225	1.10	0.68921
24	2.66	236	1.30	0.74103
24A	2.66	236	1.50	0.80318
24B	2.66	236	2.10	0.94931
24C	2.66	236	1.30	0.74103
24D	2.66	236	0.90	0.58133
25	2.77	195	1.80	0.96524
25A	2.77	195	2.00	1.01100
25B	2.77	195	1.70	0.94041
25C	2.77	195	1.20	0.78915
25D	2.77	195	1.20	0.78915
26	2.87	175	1/	
27	3.00	145	0.95	0.81636
27A	3.00	145	1.40	0.98476
27B	3.00	145	1.80	1.09390
27C	3.00	145	1.70	1.06908
27D	3.00	145	1.00	0.83863
28	3.18	159	1.10	0.84000
28A	3.18	159	1.40	0.94473
28B	3.18	159	1.20	0.87778
28C	3.18	159	1.10	0.84000
28D	3.18	159	0.80	0.70169
29	3.28	166	1.90	1.05865
29A	3.28	166	1.80	1.03516
29B	3.28	166	1.60	0.98401
29C	3.28	166	1.90	1.05865
29D	3.28	166	2.00	1.08092

FIELD INTENSITY MEASUREMENTS RADIAL N 162° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
30	3.47	143	3.80	1.42445
30A	3.47	143	3.70	1.41287
30B	3.47	143	4.00	1.44672
30C	3.47	143	3.40	1.37614
30D	3.47	143	2.90	1.30706
31	3.57	145	3.50	1.38270
31A	3.57	145	3.90	1.42970
31B	3.57	145	3.90	1.42970
31C	3.57	145	3.30	1.35715
31D	3.57	145	3.30	1.35715
32	3.78	151	3.20	1.32617
32A	3.78	151	3.40	1.35250
32B	3.78	151	3.10	1.31238
32C	3.78	151	3.10	1.31238
32D	3.78	151	3.00	1.29814
33	3.92	155	2.80	1.25683
33A	3.92	155	2.90	1.27207
33B	3.92	155	2.90	1.27207
33C	3.92	155	2.80	1.25683
33D	3.92	155	2.90	1.27207
34	4.08	134	2.40	1.25311
34A	4.08	134	2.20	1.21532
34B	4.08	134	2.50	1.27084
34C	4.08	134	2.80	1.32005
34D	4.08	134	2.30	1.23462
35	4.14	129	1.50	1.06550
35A	4.14	129	1.10	0.93080
35B	4.14	129	1.80	1.14468
35C	4.14	129	2.00	1.19044
35D	4.14	129	1.50	1.06550
36	5.77	67.5	1.80	1.42597
36A	5.77	67.5	1.80	1.42597
36B	5.77	67.5	1.90	1.44945
36C	5.77	67.5	1.80	1.42597
36D	5.77	67.5	1.90	1.44945
37	6.35	64.6	2.60	1.60474
37A	6.35	64.6	2.40	1.56998
37B	6.35	64.6	2.30	1.55150
37C	6.35	64.6	2.40	1.56998
37D	6.35	64.6	2.30	1.55150
38	7.00	47.4	1.40	1.47035
38A	7.00	47.4	1.30	1.43817
38B	7.00	47.4	1.40	1.47035
38C	7.00	47.4	1.40	1.47035
38D	7.00	47.4	1.40	1.47035
39	7.63	29.7	1.25	1.62415
39A	7.63	29.7	1.20	1.60642
39B	7.63	29.7	1.25	1.62415
39C	7.63	29.7	1.25	1.62415
39D	7.63	29.7	1.30	1.64119
40	7.80	34.6	1.07	1.49031
40A	7.80	34.6	0.92	1.42471
40B	7.80	34.6	0.97	1.44770
40C	7.80	34.6	0.95	1.43865
40D	7.80	34.6	0.95	1.43865

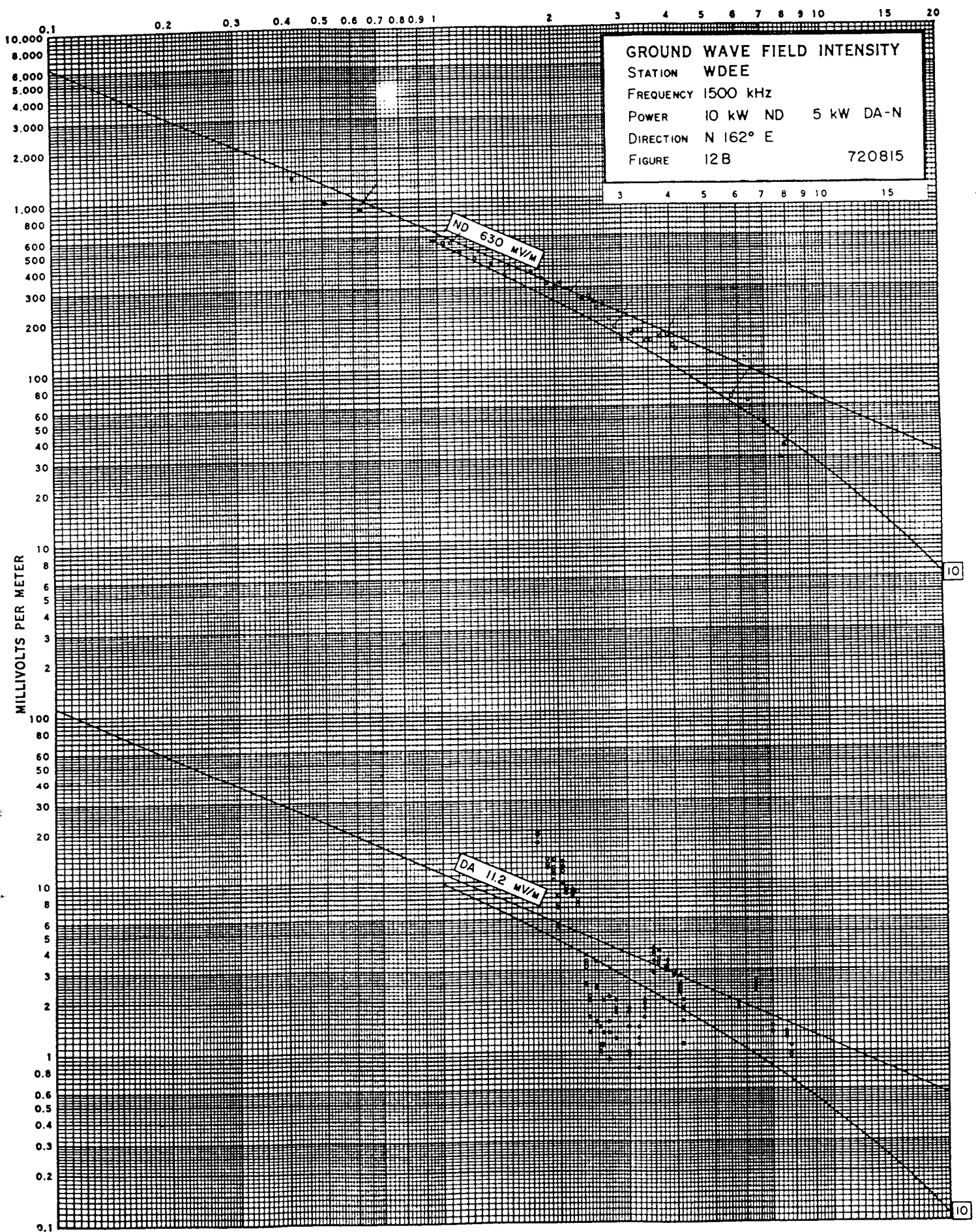
FIELD INTENSITY MEASUREMENTS RADIAL N 162° E

Average Log	1.24815
Antilog	.01771
Inverse Field	630
	11.2

ND measured (1-10) 6/16/65, (11-33) 7/21/67, (34-40) 6/17/67
Da measured (11-34) 7/15/72, (35-40) 7/14/72

¹/_{Point deleted - Construction on site}

MILES FROM ANTENNA



RADIO STATION WDEE
DETROIT, MICHIGAN

FIELD INTENSITY MEASUREMENTS RADIAL N 177° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
1	0.33	1565		
2	0.44	1315		
3	0.60	850		
4	0.68	862		
5	0.79	692		
6	0.87	641		
7	0.98	539		
8	1.09	459		
9	1.23	437		
10	1.39	372		
11	1.97	272	2.90	1.02783
11A	1.97	272	2.90	1.02783
11B	1.97	272	3.30	1.08395
11C	1.97	272	3.10	1.05679
11D	1.97	272	2.50	0.96337
12	2.04	293	4.60	1.19589
12A MP	2.04	293	4.70	1.20523
12B	2.04	293	3.80	1.11292
12C	2.04	293	2.90	0.99553
12D	2.04	293	4.10	1.14592
13	2.09	315	5.30	1.22597
13A	2.09	315	4.60	1.16445
13B	2.09	315	4.60	1.16445
13C	2.09	315	4.60	1.16445
13D	2.09	315	4.80	1.18293
14	2.21	253	4.80	1.27812
14A	2.21	253	4.40	1.24033
14B	2.21	253	5.50	1.33724
14C	2.21	253	5.60	1.34507
14D	2.21	253	4.90	1.28708
15	2.26	259	1/	
16	2.31	256	5.50	1.33212
16A	2.31	256	4.70	1.26386
16B	2.31	256	5.30	1.31604
16C	2.31	256	6.10	1.37709
16D	2.31	256	6.10	1.37709
17	2.37	232	6.50	1.44743
17A	2.37	232	6.10	1.41984
17B	2.37	232	6.10	1.41984
17C	2.37	232	6.50	1.44743
17D	2.37	232	7.00	1.47961
18	2.41	219	4.60	1.32231
18A	2.41	219	4.30	1.29302
18B	2.41	219	4.20	1.28281
18C	2.41	219	4.90	1.34975
18D	2.41	219	5.10	1.36713
19	2.46	221	3.90	1.24667
19A	2.46	221	4.30	1.28908
19B	2.46	221	3.70	1.22381
19C	2.46	221	3.80	1.23539
19D	2.46	221	4.70	1.32771

FIELD INTENSITY MEASUREMENTS RADIAL N 177° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
20	2.51	202	5.50	1.43501
20A	2.51	202	5.00	1.39362
20B	2.51	202	4.70	1.36675
20C	2.51	202	5.20	1.41065
20D	2.51	202	5.50	1.43501
21	2.56	208	5.30	1.40621
21A	2.56	208	4.60	1.34469
21B	2.56	208	5.50	1.42230
21C	2.56	208	6.20	1.47433
21D	2.56	208	5.30	1.40621
22	2.61	213	5.90	1.44247
22A	2.61	213	5.70	1.42750
22B	2.61	213	5.40	1.40401
22C	2.61	213	6.30	1.47096
22D	2.61	213	6.10	1.45695
23	2.72	202	5.10	1.40222
23A	2.72	202	4.40	1.33810
23B	2.72	202	4.60	1.35741
23C	2.72	202	5.90	1.46550
23D	2.72	202	5.10	1.40222
24	2.76	193	5.70	1.47032
24A	2.76	193	5.20	1.43045
24B	2.76	193	5.90	1.48529
24C	2.76	193	5.70	1.47032
24D	2.76	193	5.90	1.48529
25	2.80	161	5.50	1.53354
25A	2.80	161	5.90	1.56403
25B	2.80	161	5.30	1.51745
25C	2.80	161	5.20	1.50918
25D	2.80	161	5.70	1.54905
26	2.85	170	6.10	1.55488
26A	2.85	170	5.90	1.54040
26B	2.85	170	6.10	1.55488
26C	2.85	170	5.90	1.54040
26D	2.85	170	5.90	1.54040
27	2.90	176	5.90	1.52534
27A	2.90	176	6.00	1.53264
27B	2.90	176	6.20	1.54688
27C	2.90	176	6.20	1.54688
27D	2.90	176	6.20	1.54688
28	2.97	161	5.50	1.53354
28A	2.97	161	5.40	1.52557
28B	2.97	161	5.90	1.56403
28C	2.97	161	5.90	1.56403
28D	2.97	161	5.50	1.53354
29	3.02	151	4.60	1.48378
29A	3.02	151	4.70	1.49312
29B	3.02	151	4.70	1.49312
29C	3.02	151	4.60	1.48378
29D	3.02	151	4.30	1.45449
30	3.06	152	6.70	1.64423
30A	3.06	152	6.10	1.60349
30B	3.06	152	6.10	1.60349
30C	3.06	152	6.50	1.63107
30D	3.06	152	6.30	1.61750

FIELD INTENSITY MEASUREMENTS RADIAL N 177° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
31	3.10	179	6.30	1.54649
31A	3.10	179	5.70	1.50302
31B	3.10	179	6.10	1.53248
31C	3.10	179	6.90	1.58600
31D	3.10	179	6.10	1.53248
32	3.15	134	6.10	1.65823
32A	3.15	134	5.90	1.64375
32B	3.15	134	6.10	1.65823
32C	3.15	134	6.10	1.65823
32D	3.15	134	6.50	1.68581
33	3.32	127	4.90	1.58639
33A	3.32	127	5.10	1.60377
33B	3.32	127	5.50	1.63656
33C	3.32	127	5.90	1.66705
33D	3.32	127	5.90	1.66705
34	3.41	128	4.50	1.54600
34A	3.41	128	5.00	1.59176
34B	3.41	128	5.10	1.60036
34C	3.41	128	5.10	1.60036
34D	3.41	128	5.00	1.59176
35	3.47	143	5.10	1.55223
35A	3.47	143	5.10	1.55223
35B	3.47	143	5.30	1.56894
35C	3.47	143	4.70	1.51676
35D	3.47	143	4.60	1.50742
36	3.51	161	4.90	1.48337
36A	3.51	161	4.60	1.45593
36B	3.51	161	4.70	1.46527
36C	3.51	161	4.90	1.48337
36D	3.51	161	4.70	1.46527
37	3.60	138	4.20	1.48337
37A	3.60	138	4.00	1.46218
37B	3.60	138	4.00	1.46218
37C	3.60	138	3.80	1.43990
37D	3.60	138	3.80	1.43990
38	3.69	129	3.80	1.46919
38A	3.69	129	4.10	1.50219
38B	3.69	129	3.80	1.46919
38C	3.69	129	4.40	1.53286
38D	3.69	129	3.80	1.46919
39	4.24	107	4.60	1.63337
39A	4.24	107	4.40	1.61407
39B	4.24	107	4.50	1.62383
39C	4.24	107	4.90	1.66081
39D	4.24	107	4.60	1.63337
40	4.31	102	4.50	1.64461
40A	4.31	102	4.50	1.64461
40B	4.31	102	4.50	1.64461
40C	4.31	102	4.50	1.64461
40D	4.31	102	4.60	1.65416
41	5.27	63.5	5.20	1.91323
41A	5.27	63.5	5.00	1.89620
41B	5.27	63.5	5.00	1.89620
41C	5.27	63.5	4.90	1.88742
41D	5.27	63.5	5.00	1.89620

FIELD INTENSITY MEASUREMENTS RADIAL N 177° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
42	5.77	46.5		
43	6.54	49.9		
44	7.13	43.1		
45	8.04	26.6		
46	9.31	34.6		
47	9.70	51.5		
48	10.1	31.8		
49	12.4	20.4		

Average Log

1.46482

Antilog

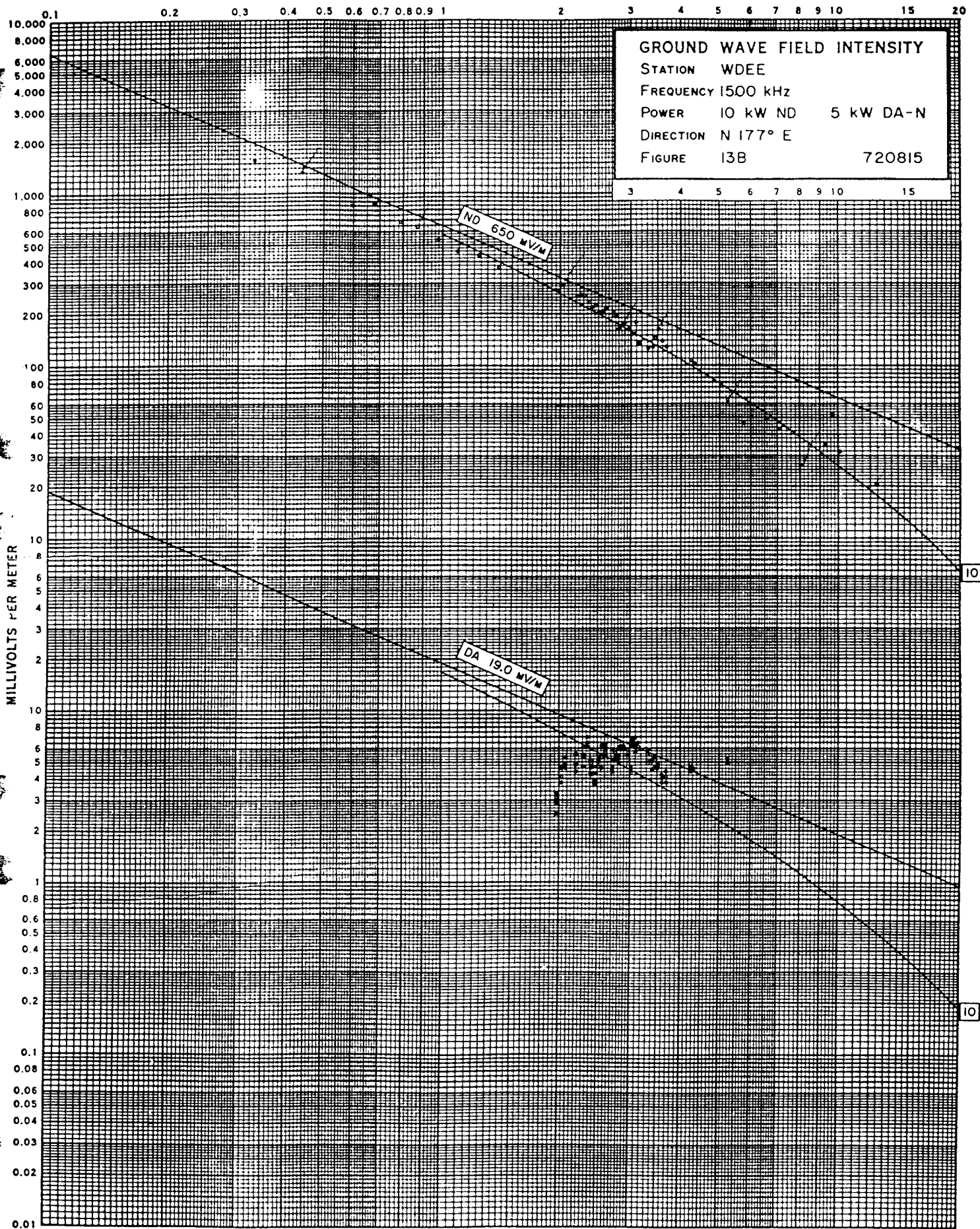
0.02916

Inverse Field 650 19.0

ND measured (1-10) 6/16/65, (11-41) 7/22/67, (42-49) 6/22/65
DA measured (11-13) (16-27) 7/15/72, 14, (28-41) 7/16/72

1/ Point deleted construction on site

MILES FROM ANTENNA



RADIO STATION WDEE

ROIT, MICHIGAN

FIELD INTENSITY MEASUREMENTS RADIAL N 213° E

Point Number	Distance Miles	10 kW ND mV/m	5 kW DA mV/m	Log 1000 (DA/ND)
1	0.25	2390		
2	0.32	1792		
3	0.38	1554		
4	0.52	1043		
5	0.63	919		
6	0.69	782		
7	0.87	630		
8	1.03	547		
9	1.14	525		
10 MP	1.28	474	71.0	2.17548
11	1.42	412		
12	1.95	295	43.6	2.16966
13	2.43	240	34.0	2.15127
14	2.95	164	25.7	2.19509
15	3.12	162	25.2	2.19189
16	3.79	125	20.4	2.21272
17	4.07	127	18.4	2.16101
18	4.56	113	17.9	2.19977
19	5.07	90.7	12.6	2.14276
20	6.04	72.6	10.7	2.16845
21	6.52	52.2	10.2	2.29093
22	7.44	47.6	8.70	2.26191
23	8.91	38.6	6.80	2.24592
24	9.83	31.8	5.60	2.24576
25	10.2	27.8	5.30	2.28023
26	12.0	24.0	4.10	2.23257
27	13.6	20.4	3.70	2.25857
28	16.3	14.2	2.80	2.29487
29	18.1	11.9	2.14	2.25487
30	19.9	9.19	1.84	2.30150

Average Log

2.22176

Antilog

0.1666 ✓

Inverse Field

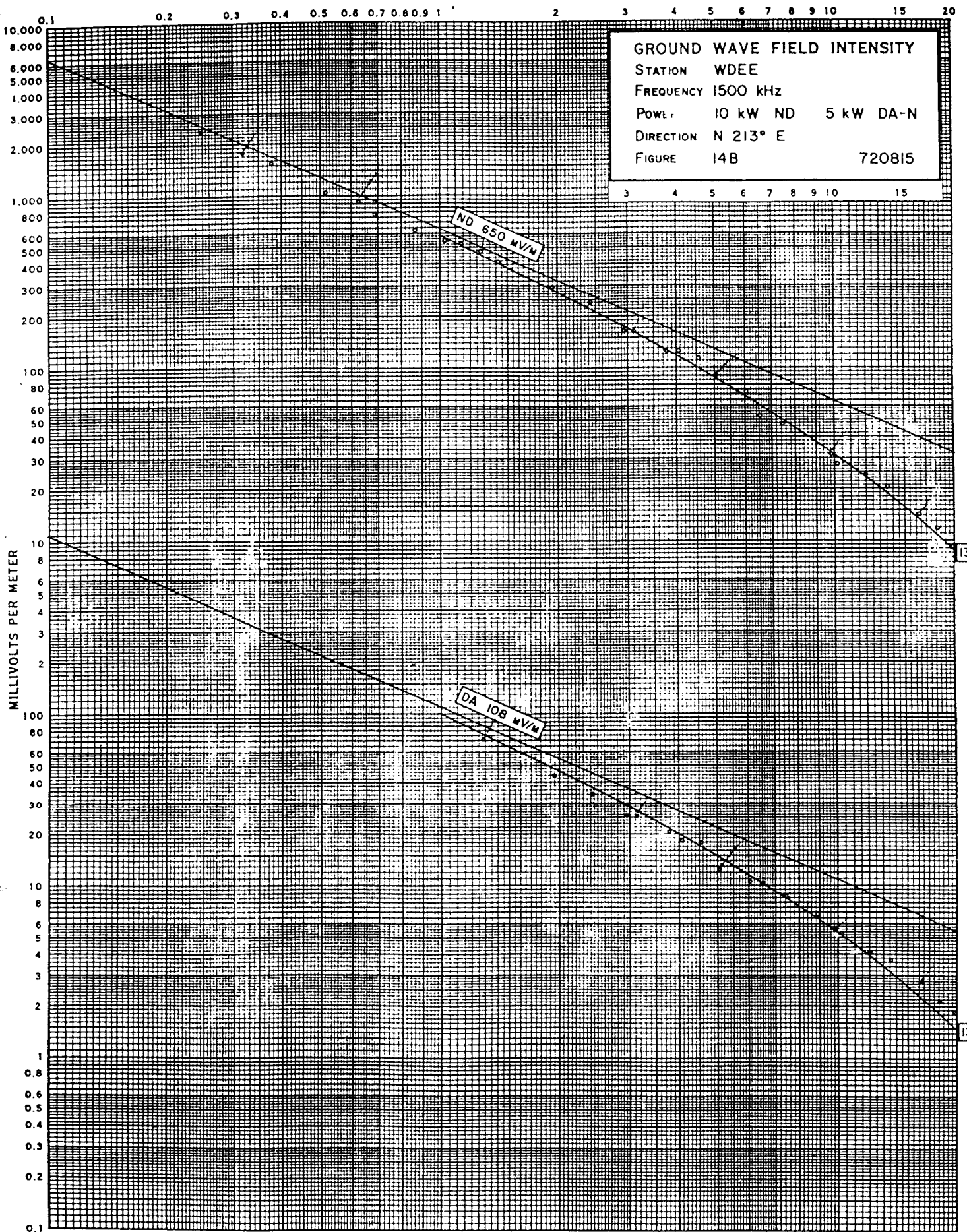
650

108

ND measured (1-12) 6/19/65, (13-30) 7/22/67

DA measured 10, (12-18), (25-30) 7/18/72, (19-24) 7/17/72

MILES FROM ANTENNA



RADIO STATION WDEE
DETROIT, MICHIGAN

FIELD INTENSITY MEASUREMENTS RADIAL N 242° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
1	0.38	1452		
2	0.42	1225		
3	0.51	1130		
4	0.53	1145		
5	0.58	1032		
6	0.63	1020		
7	0.68	930		
8	0.72	840		
9	0.78	771		
10	0.82	726		
11	0.87	692		
12	0.92	669		
13	0.97	587		
14	1.02	584		
15	1.07	567		
16	1.29	499	5.70	1.05777 ✓
16A	1.29	499	6.30	1.10124
16B	1.29	499	4.10	0.91468
16C	1.29	499	3.60	0.85820
16D	1.29	499	5.50	1.04226
17	1.35	482	5.60	1.06514
17A	1.35	482	6.70	1.14303
17B	1.35	482	6.30	1.11629
17C	1.35	482	4.30	0.95042
17D	1.35	482	4.80	0.99819
18	1.75	323	5.20	1.20680
18A	1.75	323	5.30	1.21507
18B	1.75	323	5.90	1.26165
18C	1.75	323	6.20	1.28319
18D	1.75	323	6.80	1.32331
19	1.90	320	5.60	1.24304
19A	1.90	320	6.30	1.29419
19B	1.90	320	6.10	1.28018
19C	1.90	320	5.40	1.22724
19D	1.90	320	5.60	1.24304
20	1.95	276	9.00	1.51333
20A	1.95	276	9.70	1.54586
20B	1.95	276	9.20	1.52288
20C	1.95	276	8.10	1.46758 ✓
20D	1.95	276	7.70	1.44558
21	2.20	286	7.70	1.43012
21A	2.20	286	8.10	1.45212
21B	2.20	286	7.70	1.43012
21C	2.20	286	8.30	1.46271
21D	2.20	286	7.50	1.41870 ✓
22	2.26	272	6.70	1.39151
22A	2.26	272	7.00	1.41053
22B	2.26	272	6.40	1.37161
22C	2.26	272	6.10	1.35076
22D	2.26	272	7.10	1.41669 ✓

FIELD INTENSITY MEASUREMENTS RADIAL N 242° E

Point Number	Distance Miles	10 kW ND mV/m	5 kW DA mV/m	Log 1000 (DA/ND)
23	2.42	244	7.00	1.45771
23A	2.42	244	7.70	1.49910
23B	2.42	244	7.80	1.50470
23C	2.42	244	7.60	1.49343
23D	2.42	244	7.10	1.46387
24	2.48	260	8.00	1.48812
24A	2.48	260	8.30	1.50410
24B	2.48	260	8.00	1.48812
24C	2.48	260	7.40	1.45426
24D	2.48	260	8.30	1.50410
25	2.70	204	7.40	1.55960
25A	2.70	204	7.20	1.54770
25B	2.70	204	6.90	1.52922
25C	2.70	204	7.10	1.54163
25D	2.70	204	7.30	1.55369
26	2.81	184	7.30	1.59851
26A	2.81	184	7.20	1.59251
26B	2.81	184	6.90	1.57403
26C	2.81	184	7.10	1.58644
26D	2.81	184	7.30	1.59851
27	2.88	193	7.90	1.61207
27A	2.88	193	7.90	1.61207
27B	2.88	193	7.50	1.58950
27C	2.88	193	7.30	1.57777
27D	2.88	193	7.10	1.56570
28	2.96	172	1/	
29	3.02	167	7.50	1.65234
29A	3.02	167	7.40	1.64652
29B	3.02	167	7.30	1.64061
29C	3.02	167	7.30	1.64061
29D	3.02	167	7.40	1.64652
30	3.08	172	7.10	1.61573
30A	3.08	172	7.10	1.61573
30B	3.08	172	7.40	1.63370
30C	3.08	172	6.90	1.60332
30D	3.08	172	7.50	1.63953
31	3.13	171	6.80	1.59951
31A	3.13	171	7.30	1.63033
31B	3.13	171	8.20	1.68082
31C	3.13	171	7.10	1.61826
31D	3.13	171	7.50	1.64207
32	3.17	167	7.10	1.62854
32A	3.17	167	5.90	1.54814
32B	3.17	167	6.60	1.59683
32C	3.17	167	6.50	1.59020
32D	3.17	167	6.30	1.57662
33 MP	3.22	153	7.70	1.70180
33A	3.22	153	7.10	1.66657
33B	3.22	153	7.30	1.67863
33C	3.22	153	7.60	1.69612
33D	3.22	153	7.10	1.66657
34	3.62	125	1/	
35	3.68	113	3.30	1.46544
35A	3.68	113	3.20	1.45207
35B	3.68	113	4.00	1.54898
35C	3.68	113	3.80	1.52671
35D	3.68	113	2.52	1.34832

FIELD INTENSITY MEASUREMENTS RADIAL N 242° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
36	3.76	125	1.55	1.09342
36A	3.76	125	1.36	1.03663
36B	3.76	125	1.94	1.19089
36C	3.76	125	1.16	0.96755
36D	3.76	125	1.12	0.95231
37	3.86	109	0.82	0.87639
37A	3.86	109	0.74	0.83180
37B	3.86	109	0.62	0.75496
37C	3.86	109	0.80	0.86566
37D	3.86	109	0.68	0.79508
38	3.92	119	1.84	1.18927
38A	3.92	119	2.04	1.23408
38B	3.92	119	2.23	1.27276
38C	3.92	119	2.04	1.23408
38D	3.92	119	1.99	1.22331
39	3.97	116	3.80	1.51533
39A	3.97	116	4.10	1.54833
39B	3.97	116	3.00	1.41266
39C	3.97	116	3.30	1.45406
39D	3.97	116	3.50	1.47961
40	4.27	110	6.10	1.74394
40A	4.27	110	6.30	1.75795
40B	4.27	110	6.10	1.74394
40C	4.27	110	6.00	1.73676
40D	4.27	110	6.10	1.74394
41	4.36	102	5.90	1.76225
41A	4.36	102	6.00	1.76955
41B	4.36	102	6.10	1.77673
41C	4.36	102	6.00	1.76955
41D	4.36	102	6.20	1.78379
42	4.59	91.9	5.10	1.74425
42A	4.59	91.9	4.90	1.72688
42B	4.59	91.9	4.80	1.71793
42C	4.59	91.9	4.90	1.72688
42D	4.59	91.9	4.80	1.71793
43	4.75	97.5	4.70	1.68309
43A	4.75	97.5	4.70	1.68309
43B	4.75	97.5	4.60	1.67375
43C	4.75	97.5	4.70	1.68309
43D	4.75	97.5	4.30	1.64446
44	5.26	66.9		
45	5.65	55.6		
46	6.24	53.9		
47	7.08	39.6		
48	8.59	28.2		
49	9.66	27.0		
50	11.5	15.1		
51	13.6	8.40		
52	15.8	6.30		
53	17.5	3.60		
54	19.3	2.85		

Average Log

1.45128

Antilog

.02827

Inverse Field

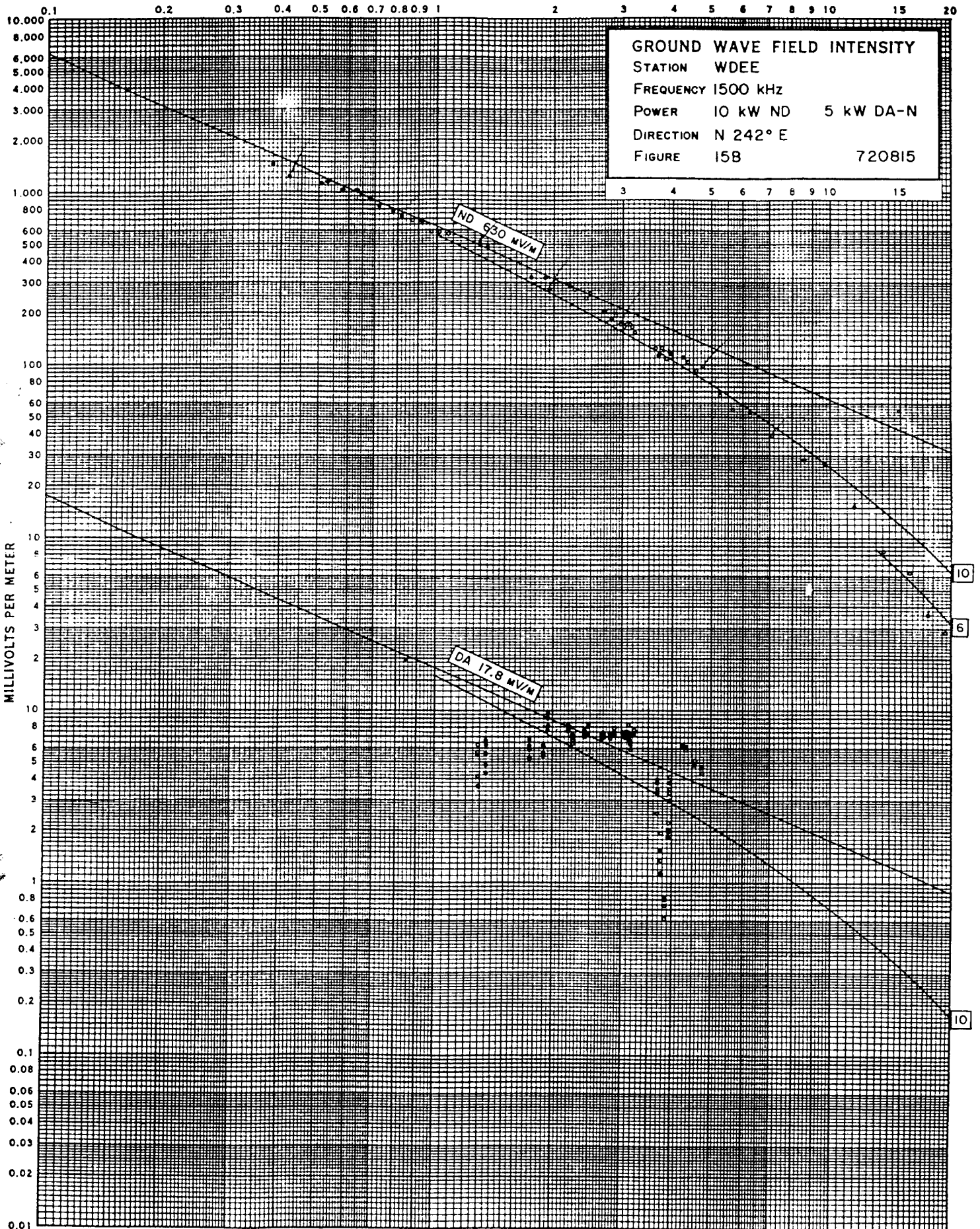
630

17.8

ND measured (1-15) 6/23/65, (16-43) 7/20/67, (44-54) 6/23/65
DA measured (16-27) (29-33) 7/17/72, (35-43) 7/18/72

1/ Point deleted - construction on site

MILES FROM ANTENNA



RADIO STATION WDEE
DETROIT MICHIGAN

FIELD INTENSITY MEASUREMENTS RADIAL N 252° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
1	0.24	2400		
2	0.43	1395		
3	0.61	794		
4	0.66	828		
5	0.90	675		
6	0.95	635		
7	1.00	578		
8	1.06	567		
9	1.11	544		
10	1.16	533	17.0	1.50372 ✓
10A	1.16	533	16.8	1.49858
10B	1.16	533	16.3	1.48546
10C	1.16	533	16.8	1.49858
10D	1.16	533	16.3	1.48546
11	1.39	448	7.90	1.24635
11A	1.39	488	8.00	1.25181
11B	1.39	448	7.40	1.21795
11C	1.39	448	8.00	1.25181 ✓
11D	1.39	448	7.80	1.24082
12	1.49	403	8.60	1.32919
12A	1.49	403	9.50	1.37242
12B	1.49	403	8.60	1.32919
12C	1.49	403	8.30	1.31377
12D	1.49	403	8.90	1.34408
13 MP	1.75	374	7.50	1.30219
13A	1.75	374	7.20	1.28446
13B	1.75	374	7.80	1.31922 ✓
13C	1.75	374	7.40	1.29636
13D	1.75	374	6.70	1.25320
14	1.82	340	6.80	1.30103
14A	1.82	340	6.10	1.25385
14B	1.82	340	6.80	1.30103
14C	1.82	340	6.60	1.28807
14D	1.82	340	6.60	1.28807
15	2.13	261	3.00	1.06048 ✓
15A	2.13	261	3.00	1.06048
15B	2.13	261	3.30	1.10187
15C	2.13	261	2.90	1.04576
15D	2.13	261	2.90	1.04576
16	2.48	193	3.00	1.19156
16A	2.48	193	2.80	1.16160
16B	2.48	193	2.90	1.17684
16C	2.48	193	2.13	1.04282
16D	2.48	193	2.40	1.09465 ✓
17	2.55	198	4.30	1.33680
17A	2.55	198	4.50	1.35655
17B	2.55	198	3.50	1.24740
17C	2.55	198	3.70	1.27154
17D	2.55	198	3.90	1.29440
18	2.61	193	4.80	1.39568
18A	2.61	193	5.20	1.43045
18B	2.61	193	3.70	1.28264 ✓
18C	2.61	193	3.20	1.21959
18D	2.61	193	5.00	1.41341

FIELD INTENSITY MEASUREMENTS RADIAL N 252° E

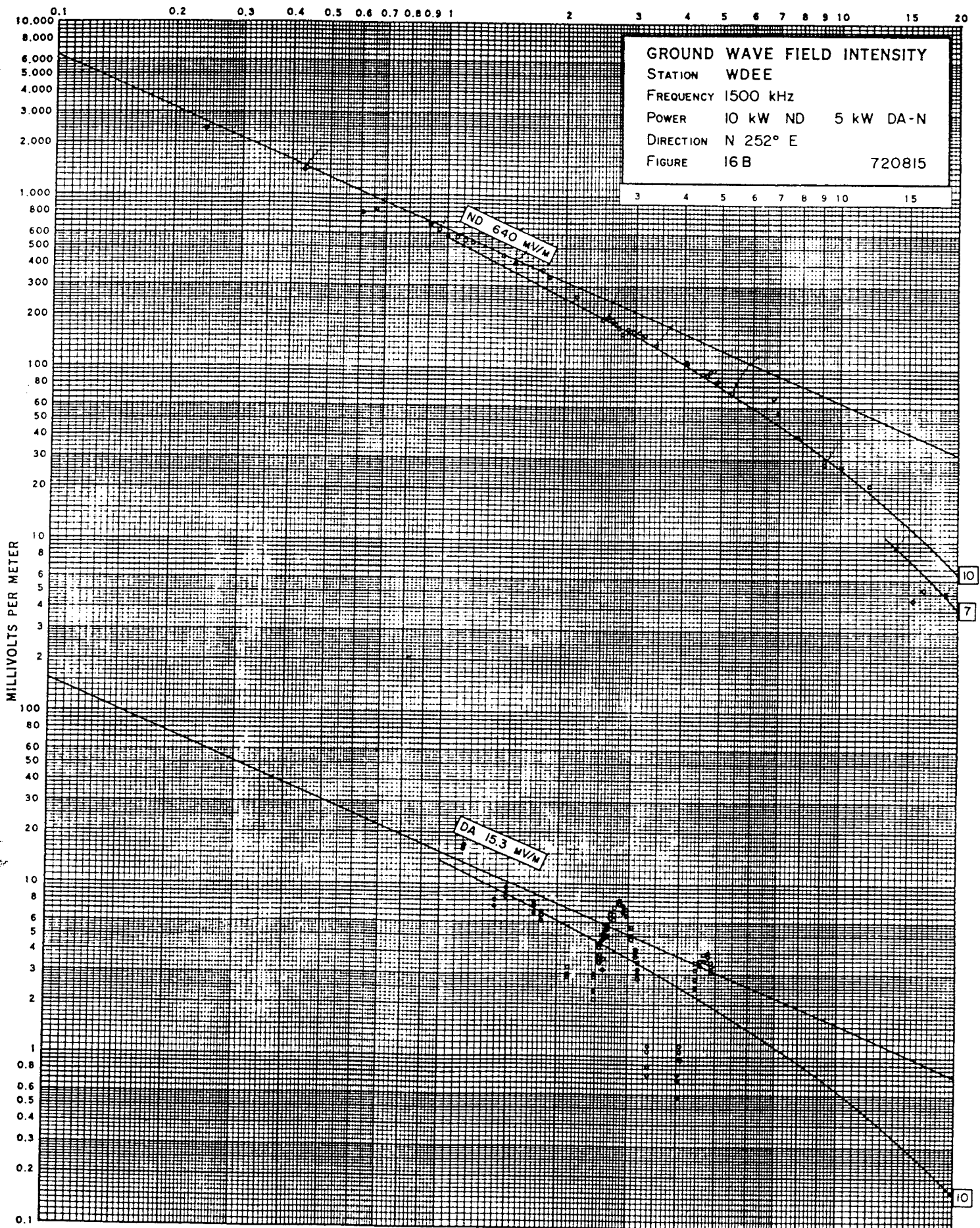
<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
19	2.66	181	5.50	1.48268
19A	2.66	181	5.70	1.49820
19B	2.66	181	5.20	1.45832
19C	2.66	181	5.00	1.44129
19D	2.66	181	5.60	1.49051
20	2.71	172	6.60	1.58402
20A	2.71	172	6.60	1.58402
20B	2.71	172	6.70	1.59055
20C	2.71	172	6.50	1.57738
20D	2.71	172	6.40	1.57065
21	2.77	159	6.40	1.60478
21A	2.77	159	7.30	1.66193
21B	2.77	159	6.80	1.63111
21C	2.77	159	6.70	1.62468
21D	2.77	159	6.80	1.63111
22	2.86	170	7.90	1.66718
22A	2.86	170	7.70	1.65604
22B	2.86	170	8.00	1.67264
22C	2.86	170	7.70	1.65604
22D	2.86	170	7.70	1.65604
23	2.91	164	6.90	1.62401
23A	2.91	164	7.40	1.65439
23B	2.91	164	7.10	1.63641
23C	2.91	164	6.90	1.62401
23D	2.91	164	7.50	1.66022
24	2.96	164	7.20	1.64249
24A	2.96	164	6.60	1.60470
24B	2.96	164	7.10	1.63641
24C	2.96	164	7.10	1.63641
24D	2.96	164	7.10	1.63641
25	3.06	161	5.60	1.54136
25A	3.06	161	4.90	1.48337
25B	3.06	161	5.00	1.49214
25C	3.06	161	5.60	1.54136
25D	3.06	161	5.00	1.49214
26	3.13	153	4.10	1.42809
26A	3.13	153	3.80	1.39509
26B	3.13	153	4.20	1.43856
26C	3.13	153	4.20	1.43856
26D	3.13	153	4.00	1.41737
27	3.18	156	3.50	1.35094
27A	3.18	156	3.20	1.31203
27B	3.18	156	3.15	1.30519
27C	3.18	156	3.00	1.28400
27D	3.18	156	2.83	1.25866
28	3.38	137	1.07	0.89266
28A	3.38	137	1.16	0.92774
28B	3.38	137	0.87	0.80280
28C	3.38	137	0.78	0.75537
28D	3.38	137	1.07	0.89266
29	4.03	110	0.97	0.94538
29A	4.03	110	0.73	0.82193
29B	4.03	110	0.58	0.72204
29C	4.03	110	0.78	0.85070
29D	4.03	110	0.58	0.72204

FIELD INTENSITY MEASUREMENTS RADIAL N 252° E

Point Number	Distance Miles	10 kW ND mV/m	5 kW DA mV/m	Log 1000 (DA/ND)
30	4.08	108	1.07	0.99596
30A	4.08	108	0.97	0.95335
30B	4.08	108	1.16	1.03103
30C	4.08	108	1.07	0.99596
30D	4.08	108	0.97	0.95335
31	4.46	93	2.80	1.47868
31A	4.46	93	3.20	1.53667
31B	4.46	93	2.80	1.47868
31C	4.46	93	2.50	1.42946
31D	4.46	93	2.80	1.47868
32	4.58	91.9	3.60	1.59299
32A	4.58	91.9	3.50	1.58075
32B	4.58	91.9	3.40	1.56816
32C	4.58	91.9	3.40	1.56816
32D	4.58	91.9	3.50	1.58075
33	4.68	96.3	3.50	1.56044
33A	4.68	96.3	3.60	1.57268
33B	4.68	96.3	3.90	1.60744
33C	4.68	96.3	3.80	1.59616
33D	4.68	96.3	3.60	1.57268
34	4.78	98.7	3.90	1.59675
34A	4.78	98.7	3.50	1.54975
34B	4.78	98.7	4.00	1.60774
34C	4.78	98.7	3.90	1.59675
34D	4.78	98.7	3.55	1.55591
35	4.89	85.1	3.40	1.60155
35A	4.89	85.1	3.05	1.55437
35B	4.89	85.1	3.40	1.60155
35C	4.89	85.1	3.50	1.61414
35D	4.89	85.1	3.20	1.57522
36	5.30	72.8		
37	6.74	68.4		
38	6.92	56.1		
39	7.76	40.7		
40	9.02	28.2		
41	10.0	27.0		
42	11.8	21.3		
43	13.8	9.20		
44	15.3	4.60		
45	16.3	5.30		
46	18.6	5.00		
Average Log				1.37753
Antilog				0.02385
Inverse Field				640 15.3

ND measured (1-9) 6/19/65, (10-35) 7/21/67, (36-46) 6/23/65
DA measured (10-23) 7/17/72, (24-35) 7/18/72

MILES FROM ANTENNA



RADIO STATION WDEE

DETROIT, MICHIGAN

FIELD INTENSITY MEASUREMENTS RADIAL N 272° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/KD)</u>
1	0.61	1134		
2	0.63	1032		
3	0.65	970		
4	0.67	953		
5	0.72	828		
6	0.78	760		
7	0.82	635		
8	0.92	590		
9	0.96	533		
10	1.05	584		
11	1.14	550		
12	1.21	482	5.10	1.02452
12A	1.21	482	5.20	1.03296
12B	1.21	482	6.30	1.11629
12C	1.21	482	5.40	1.04935
12D	1.21	482	3.10	0.80832
13	1.39	399	2.80	0.84618
13A	1.39	399	3.30	0.91754
13B	1.39	399	3.30	0.91754
13C	1.39	399	2.65	0.82227
13D	1.39	399	2.30	0.76076
14	1.47	386	4.20	1.03666
14A	1.47	386	3.60	0.96972
14B	1.47	386	3.30	0.93193
14C	1.47	386	5.30	1.13769
14D	1.47	386	4.10	1.02620
15	1.58	357	8.20	1.36115
15A	1.58	357	9.30	1.41581
15B	1.58	357	8.30	1.36641
15C	1.58	357	7.20	1.30466
15D	1.58	357	8.20	1.36115
16	1.96	318	8.10	1.40605
16A	1.96	318	9.50	1.47530
16B	1.96	318	8.00	1.40066
16C	1.96	318	7.00	1.34267
16D	1.96	318	8.50	1.42699
17	2.02	297	10.2	1.53584
17A	2.02	297	10.7	1.55662
17B	2.02	297	9.9	1.52288
17C	2.02	297	10.2	1.53584
17D	2.02	297	10.5	1.54843
18	2.08	274	11.6	1.62671
18A	2.08	274	12.1	1.64503
18B	2.08	274	11.2	1.61147
18C	2.08	274	10.7	1.59163
18D	2.08	274	11.6	1.62671
19 MP	2.31	227	14.6	1.80833
19A	2.31	227	14.3	1.79931
19B	2.31	227	11.8	1.71586
19C	2.31	227	10.9	1.68140
19D	2.31	227	13.3	1.76783

FIELD INTENSITY MEASUREMENTS RADIAL N 272° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
20	2.37	204	12.0	1.76955
20A	2.37	204	11.8	1.76225
20B	2.37	204	12.1	1.77316
20C	2.37	204	11.7	1.75856
20D	2.37	204	12.1	1.77316
21	2.43	212	13.1	1.79094
21A	2.43	212	12.1	1.75645
21B	2.43	212	12.6	1.77403
21C	2.43	212	12.6	1.77403
21D	2.43	212	12.6	1.77403
22	2.48	215	10.2	1.67616
22A	2.48	215	10.2	1.67616
22B	2.48	215	10.2	1.67616
22C	2.48	215	10.7	1.69695
22D	2.48	215	10.2	1.67616
23	2.55	189	6.50	1.53645
23A	2.55	189	5.40	1.45593
23B	2.55	189	6.50	1.53645
23C	2.55	189	6.20	1.51593
23D	2.55	189	5.80	1.48697
24	2.67	193	4.10	1.32723
24A	2.67	193	3.80	1.29423
24B	2.67	193	4.10	1.32723
24C	2.67	193	4.20	1.33769
24D	2.67	193	3.30	1.23296
25	2.74	176	3.80	1.33427
25A	2.74	176	3.80	1.33427
25B	2.74	176	3.65	1.31678
25C	2.74	176	3.60	1.31079
25D	2.74	176	4.10	1.36727
26	2.85	172	7.20	1.62180
26A	2.85	172	6.50	1.57738
26B	2.85	172	6.10	1.54980
26C	2.85	172	6.30	1.56381
26D	2.85	172	6.40	1.57065
27	3.23	145	7.10	1.68989
27A	3.23	145	7.00	1.68373
27B	3.23	145	7.60	1.71945
27C	3.23	145	7.10	1.68989
27D	3.23	145	6.80	1.67114
28	3.37	127	5.50	1.63656
28A	3.37	127	5.10	1.60377
28B	3.37	127	5.20	1.61220
28C	3.37	127	5.40	1.62859
28D	3.37	127	5.10	1.60377
29	3.45	136	4.90	1.55666
29A	3.45	136	5.20	1.58246
29B	3.45	136	6.30	1.66580
29C	3.45	136	5.30	1.59074
29D	3.45	136	4.80	1.54770
30	3.80	104	3.00	1.46009
30A	3.80	104	3.30	1.50148
30B	3.80	104	3.70	1.55117
30C	3.80	104	3.90	1.57403
30D	3.80	104	2.90	1.44536

FIELD INTENSITY MEASUREMENTS RADIAL N 272° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
31	3.84	98.7	4.40	1.64914
31A	3.84	98.7	5.00	1.70465
31B	3.84	98.7	4.50	1.65890
31C	3.84	98.7	4.10	1.61847
31D	3.84	98.7	4.40	1.64914
32	3.90	94.1	5.50	1.76677
32A	3.90	94.1	6.00	1.80456
32B	3.90	94.1	6.00	1.80456
32C	3.90	94.1	5.30	1.75069
32D	3.90	94.1	5.60	1.77460
33	4.00	104	6.40	1.78915
33A	4.00	104	5.90	1.75382
33B	4.00	104	5.50	1.72333
33C	4.00	104	6.60	1.80251
33D	4.00	104	7.00	1.82806
34	4.19	91.9	1.07	1.06607
34A	4.19	91.9	1.06	1.06199
34B	4.19	91.9	0.78	0.92878
34C	4.19	91.9	0.78	0.92878
34D	4.19	91.9	0.97	1.02346
35	4.41	90.7	2.05	1.35415
35A	4.41	90.7	1.95	1.33243
35B	4.41	90.7	1.85	1.30956
35C	4.41	90.7	2.05	1.35415
35D	4.41	90.7	2.05	1.35415
36	4.49	73.7	0.97	1.11930
36A	4.49	73.7	0.87	1.07205
36B	4.49	73.7	0.98	1.12376
36C	4.49	73.7	1.25	1.22944
36D	4.49	73.7	1.16	1.19699
37	4.57	76.0	0.68	0.95170
37A	4.57	76.0	0.87	1.05871
37B	4.57	76.0	0.78	1.01128
37C	4.57	76.0	0.97	1.10596
37D	4.57	76.0	0.87	1.05871
38	4.73	81.7	2.20	1.43020
38A	4.73	81.7	2.30	1.44951
38B	4.73	81.7	2.20	1.43020
38C	4.73	81.7	2.20	1.43020
38D	4.73	81.7	2.40	1.46799
39	4.78	73.7	2.57	1.54247
39A	4.78	73.7	2.90	1.59493
39B	4.78	73.7	2.40	1.51274
39C	4.78	73.7	2.04	1.44216
39D	4.78	73.7	2.04	1.44216
40	5.02	80.5	4.40	1.73765
40A	5.02	80.5	4.20	1.71745
40B	5.02	80.5	4.60	1.75696
40C	5.02	80.5	4.10	1.70698
40D	5.02	80.5	4.30	1.72767
41	5.13	70.3	4.80	1.83428
41A	5.13	70.3	4.80	1.83428
41B	5.13	70.3	5.20	1.86905
41C	5.13	70.3	5.10	1.86062
41D	5.13	70.3	4.90	1.84324

FIELD INTENSITY MEASUREMENTS RADIAL N 272° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
42	5.23	79.0	3.90	1.69344
42A	5.23	79.0	3.80	1.68216
42B	5.23	79.0	3.65	1.66466
42C	5.23	79.0	3.90	1.69344
42D	5.23	79.0	4.00	1.70443
43	5.54	59.0		
44	6.20	60.1		
45	6.66	48.8		
46	8.21	31.6		
47	9.57	28.6		
48	10.2	27.2		
49	12.2	17.4		
50	13.8	12.7		
51	14.8	11.3		
52	15.7	8.7		

Average Log

1.47962

Antilog

.03017

Inverse Field

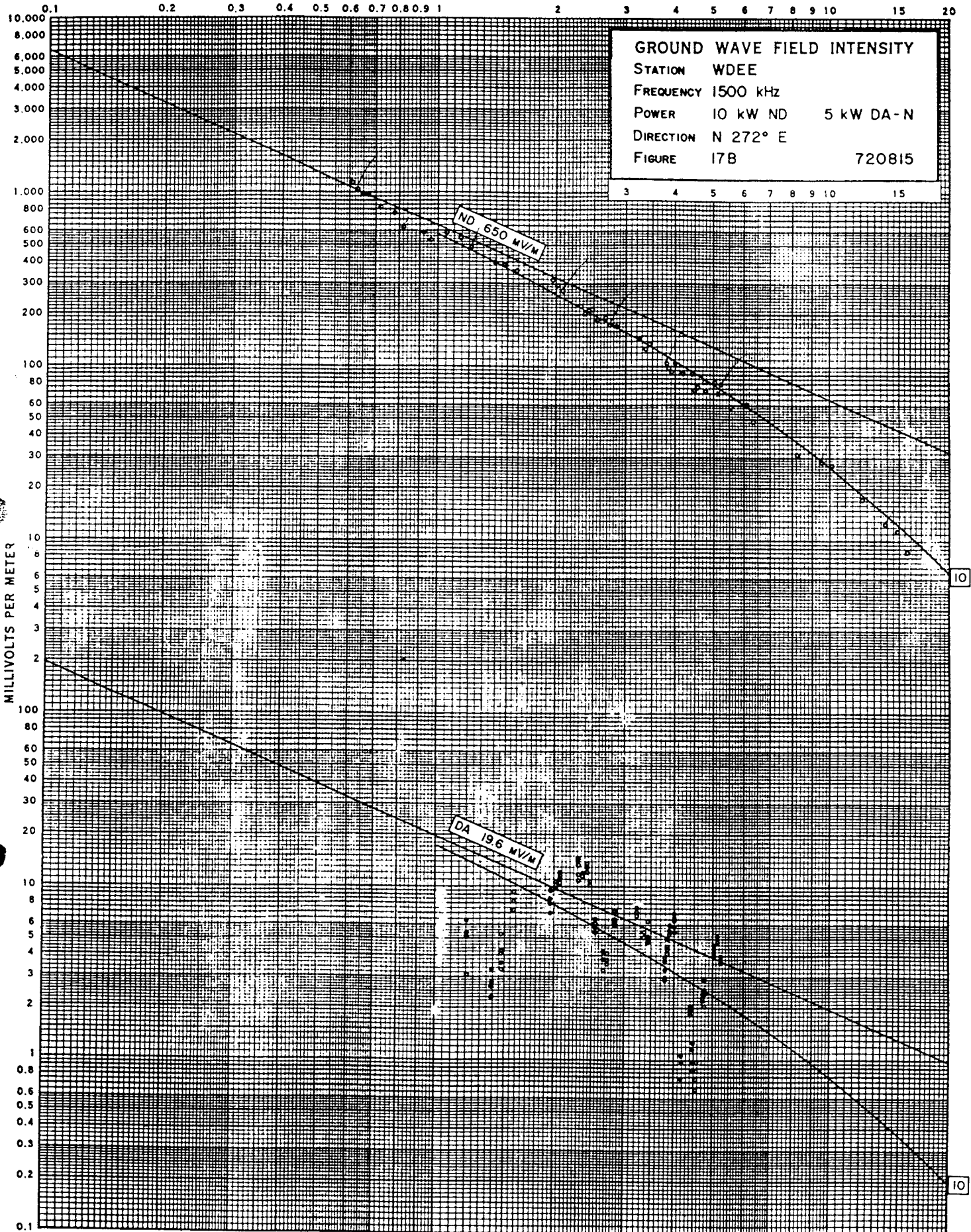
650

19.6

ND measured (1-11) 6/18/65, (12-42) 7/21/67, (43-52) 6/23/65

DA measured (12-14), (19-22) 7/17/72, (15-18), (23-39), (41) 7/18/72, (40, 42) 7/19/72

MILES FROM ANTENNA



RADIO STATION WDEE

DETROIT, MICHIGAN

FIELD INTENSITY MEASUREMENTS RADIAL N 287° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
1	0.53	1066		
2	0.59	975		
3	0.66	1043		
4	0.73	1111		
5	0.80	805		
6	0.86	873		
7	0.92	714		
8	0.97	692		
9	1.05	637	22.8	1.55380
9A	1.08	637	21.7	1.53232
9B	1.08	637	25.3	1.59898
9C	1.08	637	24.8	1.59031
9D	1.08	637	20.5	1.50761
10	1.15	573	22.7	1.59757
10A	1.15	573	21.5	1.58030
10B	1.15	573	24.8	1.63630
10C	1.15	573	23.3	1.60920
10D	1.15	573	19.9	1.54070
11	1.21	510	20.5	1.60418
11A	1.21	510	20.2	1.59778
11B MP	1.21	510	23.2	1.65792
11C	1.21	510	22.7	1.64846
11D	1.21	510	18.7	1.56427
12	1.27	437	13.8	1.49940
12A	1.27	437	13.1	1.47679
12B	1.27	437	14.6	1.52387
12C	1.27	437	12.1	1.44230
12D	1.27	437	11.9	1.43507
13	1.33	505	1.94	0.58451
13A	1.33	505	1.85	0.56388
13B	1.33	505	2.23	0.64501
13C	1.33	505	2.72	0.73128
13D	1.33	505	0.63	0.09605
14	1.55	408	4.65	1.05679
14A	1.55	408	4.50	1.04255
14B	1.55	408	5.40	1.12173
14C	1.55	408	5.15	1.10115
14D	1.55	408	5.00	1.08831
15	1.61	411	8.00	1.28925
15A	1.61	411	9.70	1.37293
15B	1.61	411	8.10	1.29464
15C	1.61	411	7.40	1.25539
15D	1.61	411	9.70	1.37293
16	1.68	346	7.30	1.32425
16A	1.68	346	7.80	1.35302
16B	1.68	346	7.80	1.35302
16C	1.68	346	8.10	1.36941
16D	1.68	346	8.70	1.40044
17	1.89	289	1/	

FIELD INTENSITY MEASUREMENTS RADIAL N 287° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 kW ND mV/m</u>	<u>5 kW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
17	1.98	289	8.60	1.44219
17A	1.98	289	9.10	1.52587
17B	1.98	289	9.70	1.52587
17C	1.98	289	9.60	1.52137
17D	1.98	289	9.10	1.49814
18	2.03	261	8.90	1.53275
18A	2.03	261	8.60	1.51786
18B	2.03	261	10.7	1.61274
18C	2.03	261	9.90	1.57899
18D	2.03	261	7.80	1.47545
19	2.13	249	7.90	1.44890
19A	2.13	249	6.80	1.43631
19B	2.13	249	6.80	1.43631
19C	2.13	249	7.60	1.49590
19D	2.13	249	7.00	1.44890
20	2.21	227	5.65	1.34727
20A	2.21	227	6.10	1.42930
20B	2.21	227	5.50	1.38434
20C	2.21	227	4.10	1.25676
20D	2.21	227	5.50	1.38434
21	2.30	230	4.40	1.31951
21A	2.30	230	4.75	1.31497
21B	2.30	230	4.75	1.31497
21C	2.30	230	4.50	1.29148
21D	2.30	230	4.60	1.30103
22	2.42	232	1.21	0.71730
22A	2.42	232	2.08	0.95258
22B	2.42	232	1.41	0.78373
22C	2.42	232	0.87	0.57403
22D	2.42	232	1.17	0.70270
23	2.77	170	3.90	1.36062
23A	2.77	170	3.60	1.32585
23B	2.77	170	4.55	1.42756
23C	2.77	170	4.50	1.42276
23D	2.77	170	3.20	1.27470
24	2.81	176	3.15	1.25280
24A	2.81	176	2.65	1.17773
24B	2.81	176	3.35	1.27953
24C	2.81	176	3.35	1.27953
24D	2.81	176	2.70	1.18585
25	2.85	161	0.38	0.37296
25A	2.85	161	0.63	0.59252
25B	2.85	161	0.34	0.32465
25C	2.85	161	0.48	0.62568
25D	2.85	161	0.39	0.38424
26	2.94	159	2.65	1.22185
26A	2.94	159	3.10	1.28996
26B	2.94	159	2.55	1.20514
26C	2.94	159	1.26	0.89897
26D	2.94	159	2.62	1.21690
27	3.14	164	7.10	1.63641
27A	3.14	164	7.60	1.66597
27B	3.14	164	8.00	1.68825
27C	3.14	164	7.50	1.66022
27D	3.14	164	7.50	1.66022

FIELD INTENSITY MEASUREMENTS RADIAL N 287° E

Point Number	Distance (Miles)	10 KW ND (mV/m)	5 KW DA (mV/m)	Log 1000 (DA/ND)
19	3.25	193	7.36	1.57777
19A	3.25	193	7.36	1.57777
19E	3.25	193	7.36	1.51378
19C	3.25	193	7.36	1.59526
19D	3.25	193	7.36	1.57777
30	3.55	142	1.16	0.91217
30A	3.55	142	1.20	0.92689
30B	3.55	142	1.36	0.96166
30C	3.55	142	1.07	0.87710
30D	3.55	142	1.07	0.87710
31	3.77	116	"	"
32	3.77	116	7.66	1.82764
32A	3.77	116	7.00	1.83863
32B	3.77	116	7.66	1.81960
32C	3.77	116	7.00	1.78064
32D	3.77	116	7.66	1.82764
33	3.86	125	3.33	1.42813
33A	3.86	125	1.00	1.36549
33B	3.86	125	1.00	1.45939
33C	3.86	125	4.14	1.51387
33D	3.86	125	3.70	1.47129
34	4.07	119	1.12	0.97367
34A	4.07	119	2.73	0.78778
34B	4.07	119	0.91	0.88349
34C	4.07	119	1.91	0.88349
34D	4.07	119	3.92	0.88824
35	4.91	90.7	1.12	1.09161
35A	4.91	90.7	1.16	1.10685
35B	4.91	90.7	1.21	1.12518
35C	4.91	90.7	1.12	1.09161
35D	4.91	90.7	1.16	1.10685
36	4.99	80.5	1.15	1.15490
36A	4.99	80.5	1.25	1.19111
36B	4.99	80.5	1.12	1.14342
36C	4.99	80.5	1.16	1.15866
36D	4.99	80.5	1.12	1.14342
37	5.13	81.7	3.70	1.65598
37A	5.13	81.7	4.10	1.70056
37B	5.13	81.7	3.70	1.65598
37C	5.13	81.7	3.36	1.63185
37D	5.13	81.7	3.40	1.61926
38	5.33	79.4	3.80	1.67996
38A	5.33	79.4	3.40	1.63166
38B	5.33	79.4	3.45	1.63800
38C	5.33	79.4	3.10	1.59154
38D	5.33	79.4	3.20	1.61869
39	6.03	65.8	1.95	1.47181
39A	6.03	65.8	2.05	1.49353
39B	6.03	65.8	1.90	1.46053
39C	6.03	65.8	2.00	1.48280
39D	6.03	65.8	2.15	1.51421
40	6.25	61.2	4.75	1.88994
40A	6.25	61.2	4.75	1.88994
40B	6.25	61.2	4.60	1.87601
40C	6.25	61.2	4.85	1.89899
40D	6.25	61.2	4.65	1.88070

FIELD INTENSITY MEASUREMENTS RADIAL R 287° E

<u>Point Number</u>	<u>Distance Miles</u>	<u>10 PW ND mV/m</u>	<u>10 PW DA mV/m</u>	<u>Log 1000 (DA/ND)</u>
41	6.27	54.4		
42	7.21	37.4		
43	8.84	26.0		
44	9.38	27.2		
45	10.4	24.0		
46	12.3	15.0		
47	14.2	10.0		
48	15.6	11.0		
49	16.3	8.6		

See Appendix A

Average Log	1.32901
Antilog	.02133
Inverse Field	650

ND measured (1-8) 6/17/65, (9-49) 7/20/67, (41-49) 6/13/65

DA measured (9-10) 7/15/72, (11-28), (30-36), (39-40) 7/16/72, 29, 37, 38 7/17/72

1/ Point deleted - construction on site

MILES FROM ANTENNA

