

APPENDIX C

WTMC FIELD STRENGTH MEASUREMENTS

TABLE C-1

WTMC NONDIRECTIONAL FIELD
STRENGTH MEASUREMENTS - 227° RADIAL

M-10 Broadcasting, Inc.
Baltimore, MD

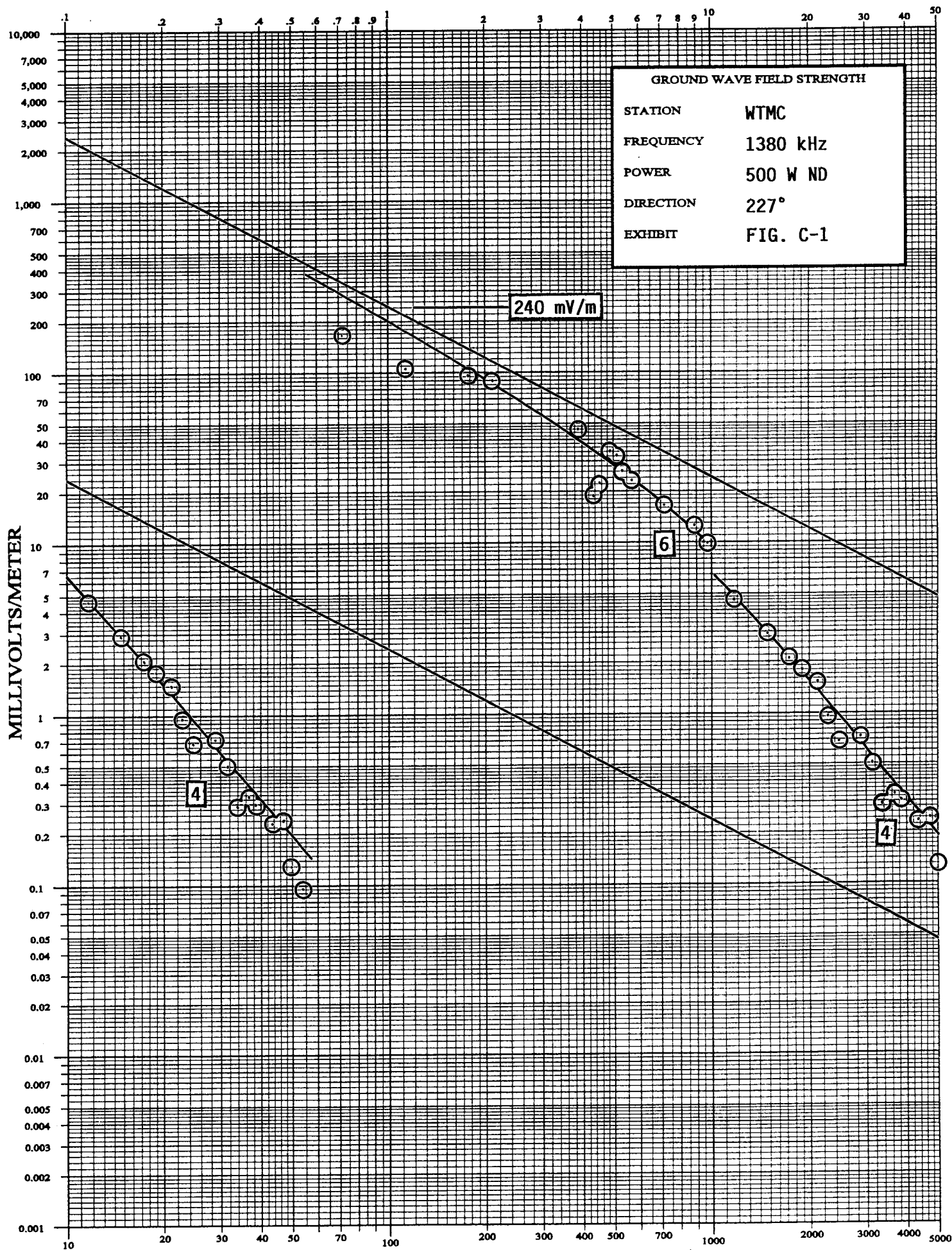
<u>Point</u>	<u>Radial Kilometers</u>	<u>Field Strength (mV/m)</u>	<u>Time (EDT)</u>
(5/29/01)			
1	0.72	165	1610
2	1.13	105	1600
3	1.77	96.0	1555
4	2.09	90.0	1525
5	3.86	46.0	1510
6	4.35	19.0	1400
7	4.51	22.0	1355
8	4.83	34.0	1350
9	5.15	32.0	1347
10	5.31	26.0	1342
11	5.63	23.0	2013
12	7.08	16.5	2009
13	8.85	12.5	2004
14	9.66	9.80	1958
15	11.59	4.60	1955
16	14.81	2.90	1946
17	17.22	2.10	1939
18	18.99	1.80	1933
19	20.92	1.50	1926
20	22.85	0.950	1914

TABLE C-1 (cont'd)

<u>Point</u>	<u>Radial Kilometers</u>	<u>Field Strength (mV/m)</u>	<u>Time (EDT)</u>
21	24.62	0.680	1905
22	28.81	0.720	1600
23	31.38	0.500	1617
24	33.80	0.290	1628
25	36.21	0.330	1641
26	38.14	0.300	1652
27	43.29	0.230	1710
28	46.35	0.240	1729
29	49.25	0.130	1800
30	53.59	0.095	1812

All points measured by Mike Fast using Potomac Instruments FIM-21 S/N 651.

KILOMETERS FROM ANTENNA



KILOMETERS FROM ANTENNA

CARL E. SMITH CONSULTING ENGINEERS

TABLE C-2

WTMC NONDIRECTIONAL FIELD
STRENGTH MEASUREMENTS - 247° RADIAL

M-10 Broadcasting, Inc.
Baltimore, MD

<u>Point</u>	<u>Radial Kilometers</u>	<u>Field Strength (mV/m)</u>	<u>Time (EDT)</u>
(5/29/01)			
1	0.19	900	1000
2	0.37	650	1007
3	1.11	240	1015
4	4.17	34.0	1031
5	5.04	25.0	1040
6	9.17	11.0	1057
7	11.31	8.00	1110
8	12.87	4.50	1121
9	14.48	2.50	1139
10	16.25	3.50	1150
11	17.54	2.20	1159
12	20.17	3.60	1215
13	21.08	1.90	1230
14	24.14	1.30	1243
15	26.39	1.00	1305
16	28.49	0.500	1330
(5/27/02)			
17	31.54	0.240	1155
(5/29/02)			
18	32.67	0.180	1343

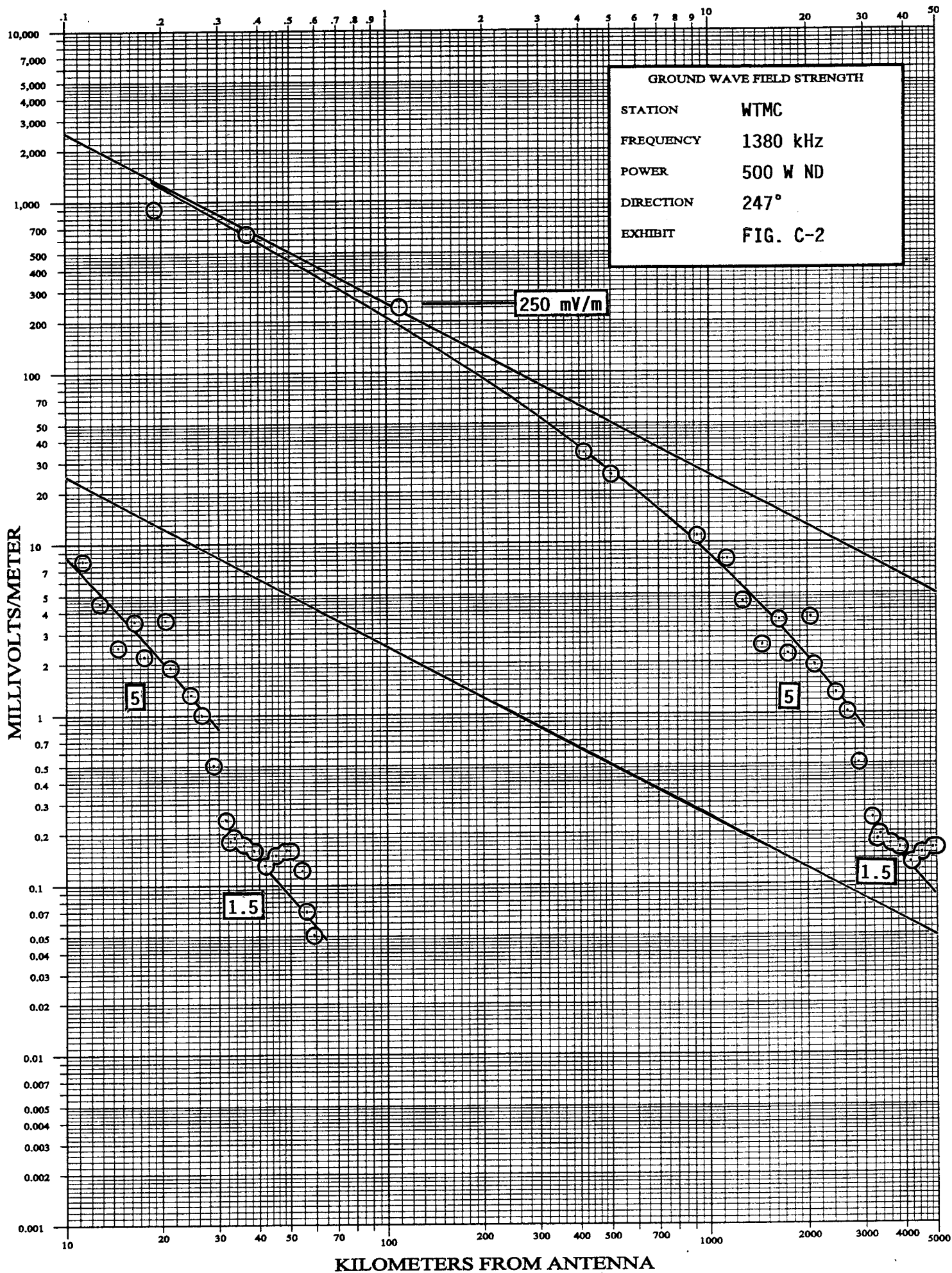
TABLE C-2 (cont'd)

<u>Point</u>	<u>Radial Kilometers</u>	<u>Field Strength (mV/m)</u>	<u>Time (EDT)</u>
(5/27/02)			
19	33.31	0.190	1202
20	35.89	0.170	1212
21	38.62	0.160	1221
22	41.84	0.130	1233
23	45.06	0.150	1248
24	48.60	0.160	1305
25	49.89	0.160	1323
26	54.23	0.120	1344
27	55.20	0.070	1347
28	57.29	0.050	1406

Points 1-16 and 18 measured by J. R. Richardson using Potomac Instruments FIM-41 S/N 1058.

Points 17 and 19028 measured by Mike Fast using Potomac Instruments FIM-21 S/N 651.

KILOMETERS FROM ANTENNA



CARL E. SMITH CONSULTING ENGINEERS