

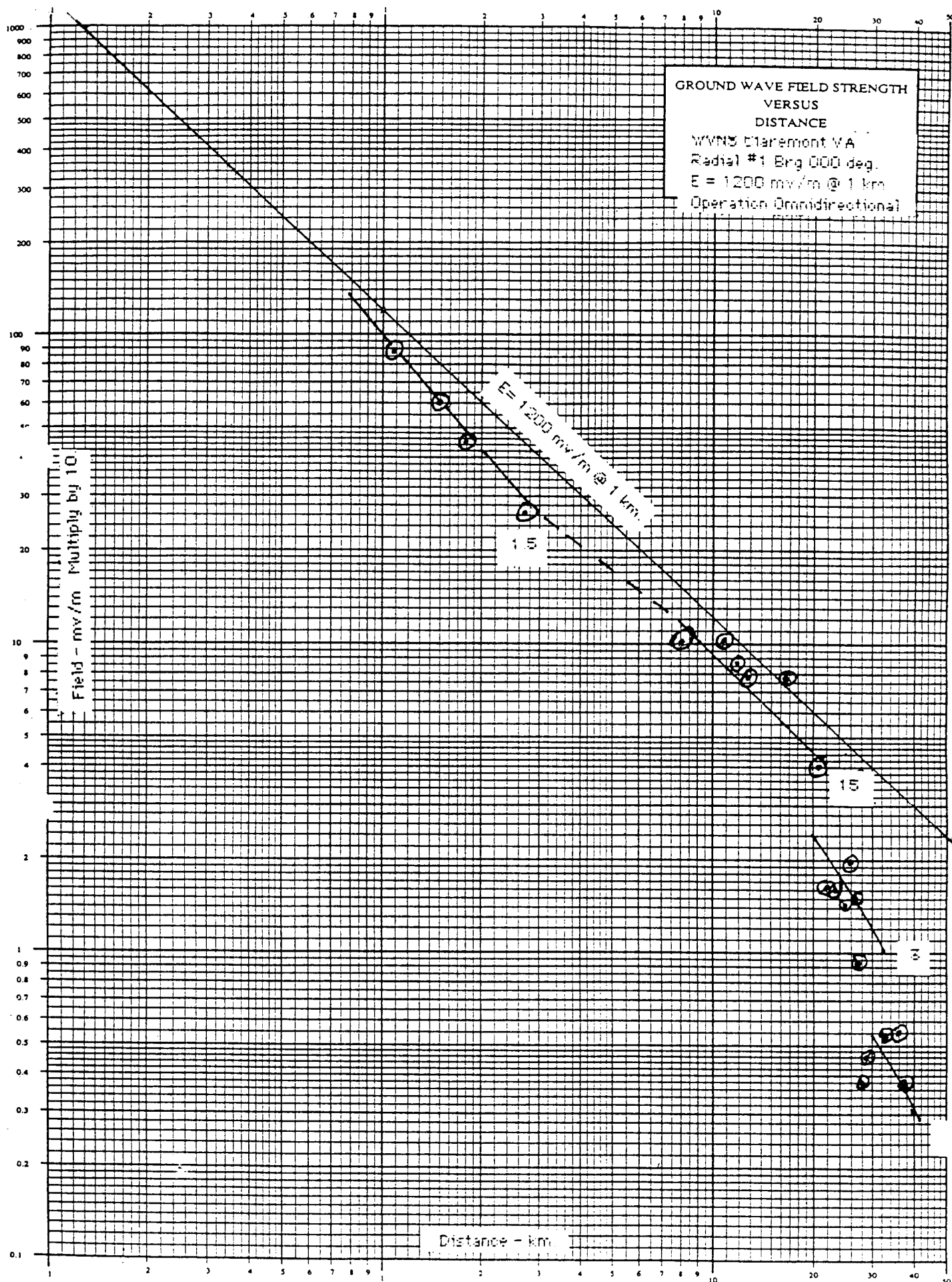
APPENDIX G

WRJR FIELD STRENGTH MEASUREMENTS

(Extracted from WRJR (formerly WVNS) 1997
Full Proof of Performance - BL-19970529AB)

<u>Point</u> <u>#</u>	<u>Dist.</u> <u>(km)</u>	<u>Date</u> <u>1997</u>	<u>Time</u> <u>(Hrs)</u>	<u>ND5</u> <u>(mv/m)</u>	<u>ND20</u> <u>(mv/m)</u>	<u>Date</u> <u>1997</u>	<u>Time</u> <u>(Hrs)</u>	<u>DA/D</u> <u>(mv/m)</u>	<u>Ratio</u>	<u>Log Ratio</u>
000-1	1.08	07/08	0844	441.	882.	07/14	0816	62.2	0.0705	-1.151678
000-2	1.50	07/08	0905	300.	600.	07/14	0831	43.0	0.0717	-1.144682
000-3MP	1.80	07/08	0910	222.	444.	07/14	0844	31.8	0.0716	-1.144956
000-4	2.73	07/08	0922	131.	262.	07/14	0900	18.	0.0687	-1.163028
000-5	8.18	07/08	1829	29.	100.	07/14	1900	7.24	0.0724	-1.140178
000-6	10.65	07/08	1816	30.	99.	07/14	1837	8.9	0.0900	-1.045757
000-7	12.5	12/12	1012	43.5	87.	12/12	1015	6.34	0.0729	-1.137430
000-8	13.1	07/08	1755	39.	78.	07/14	1810	5.5	0.0705	-1.151732
000-9	16.3	07/08	1722	39.	78.	07/14	1728	6.	0.0769	-1.113943
000-10	20.28	07/08	1658	13.	26.	07/14	1700	2.34	0.0585	-1.233130
000-11	21.5	07/08	1600	8.2	16.4	07/14	1600	1.17	0.0713	-1.114658
000-12	22.8	07/08	1545	8.	16.	07/14	1540	1.8	0.1125	-0.948847
000-13	25.7	07/08	1505	7.2	14.4	07/14	1500	1.	0.0694	-1.158362
000-14	26.4	07/08	1500	10.	20.	07/14	1456	1.96	0.0908	-1.008774
000-15	27.6	07/08	1455	7.6	15.2	07/14	1449	0.95	0.0625	-1.204120
000-16	28.2	07/08	1450	4.6	9.2	07/14	1440	0.6	0.0652	-1.185637
000-17	28.7	07/08	1445	1.9	3.8	07/14	1435	0.27	0.0711	-1.148420
000-18	29.4	07/08	1430	2.3	4.6	07/14	1415	0.3	0.0652	-1.185637
000-19	32.4	07/08	1415	1.6	2.4	07/14	1355	0.17	0.0708	-1.149762
000-20	35.2	07/08	1340	2.7	5.4	07/14	1330	0.32	0.0593	-1.227244
000-21	36.3	07/08	1320	2.7	5.4	07/14	1310	0.41	0.0759	-1.119610
000-22	38.4	07/08	1315	1.9	3.8	07/14	1300	0.27	0.0711	-1.148420
Average Values									0.07285	-1.137553

Measured Fields - Omni 1200 mv/m D/A 87.4 mv/m @ 1 km Allowable 93.7 mv/m @ 1 km.

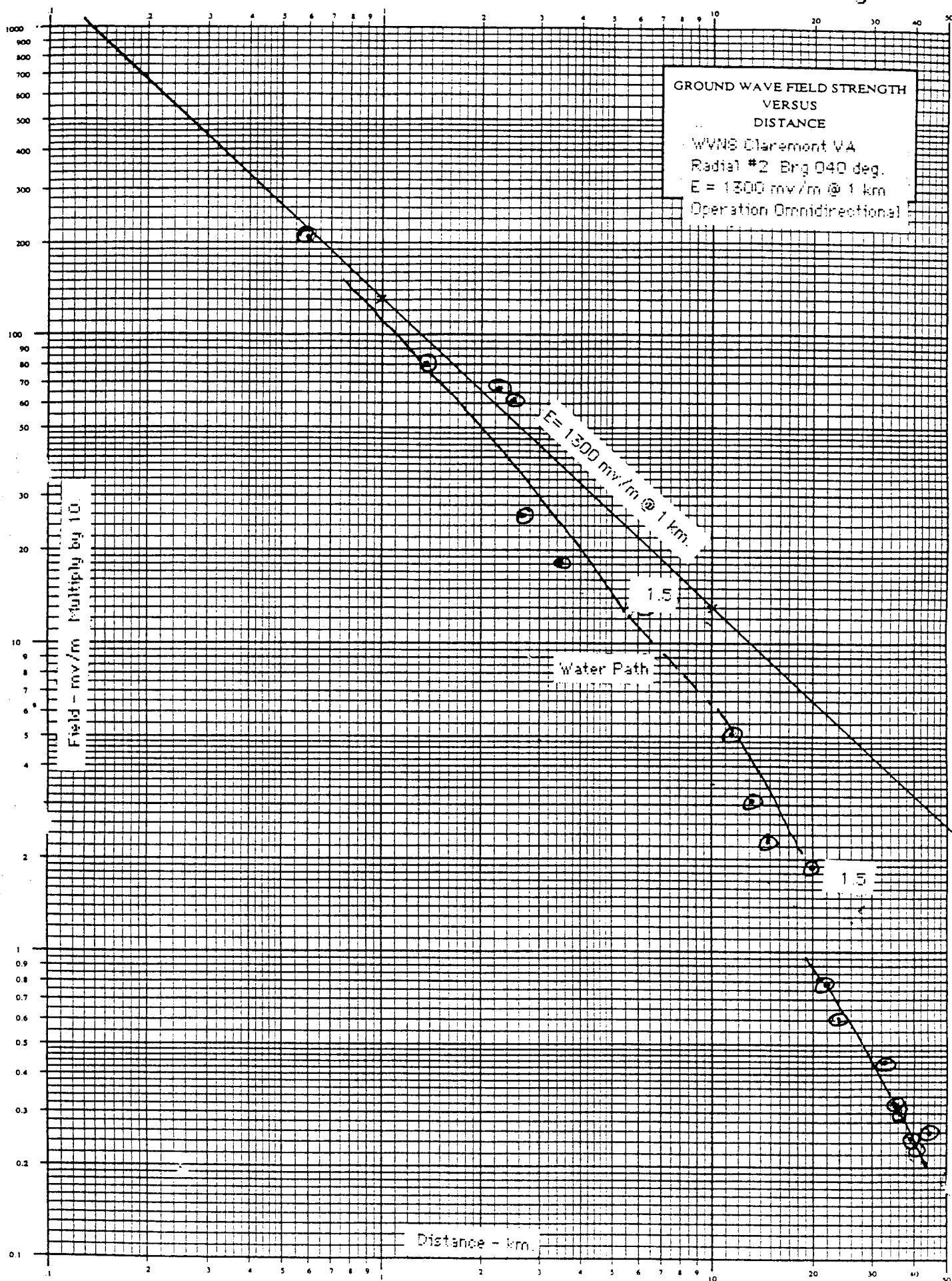


<u>Point</u> <u>#</u>	<u>Dist.</u> <u>(km)</u>	<u>Date</u> <u>1997</u>	<u>Time</u> <u>(Hrs)</u>	<u>ND5</u> <u>(mv/m)</u>	<u>ND20</u> <u>(mv/m)</u>	<u>Date</u> <u>1997</u>	<u>Time</u> <u>(Hrs)</u>	<u>DA/D</u> <u>(mv/m)</u>	<u>Ratio</u>	<u>Log Ratio</u>
040-1	0.60	07/08	0925	1002.	2005.	07/15	0745	80.0	0.0399	-1.399024
040-2	1.37	07/08	0930	400.	800.	07/15	0800	57.0	0.0713	-1.144215
040-3	2.25	07/08	0940	330.	660.	07/15	0810	25.0	0.0379	-1.421604
040-4MP	2.53	07/08	0943	310.	620.	07/15	0815	24.8	0.0400	-1.397940
040-5	2.78	07/08	0948	130.	260.	07/15	0820	10.0	0.0385	-1.414973
040-6	3.53	07/08	0955	90.	180.	07/15	0900.	7.5	0.0417	-1.380211
040-7	11.67	07/09	0915	20.0	50.0	07/15	1015	2.8	0.0560	-1.251812
040-8	12.68	07/09	0922	15.7	31.4	07/15	1021	1.2	0.0382	-1.417748
040-9	15.13	07/09	0940	11.5	23.0	07/15	1038	1.0	0.0435	-1.361728
040-10	19.3	07/09	1000	9.5	19.0	07/15	1103	0.75	0.0395	-1.403692
040-11	22.0	07/09	1030	3.8	7.6	07/15	1141	0.35	0.0405	-1.336746
040-12	24.4	07/09	1045	3.0	6.0	07/15	1200	0.23	0.0383	-1.416423
040-13	25.7	12/12	0935	2.9	5.8	12/12	1000	0.23	0.0396	-1.401700
040-14	33.4	07/09	1205	2.2	4.4	07/15	1400	0.18	0.0409	-1.388180
040-15	35.0	07/09	1210	1.6	3.2	07/15	1416	0.13	0.0406	-1.391207
040-16	36.0	12/12	0950	1.5	3.0	12/12	1015	0.12	0.0393	-1.405239
040-17	39.5	12/12	0954	1.25	2.5	12/12	1028	0.099	0.0396	-1.402306
040-18	40.8	12/12	1034	1.2	2.4	12/12	1044	0.095	0.0396	-1.402306
040-19	45.9	07/09	1235	1.3	2.6	07/15	1436	0.035	0.0135	-1.870905
040-20	51.5	07/09	1300	0.5	1.0	07/15	1500	0.036	0.0360	-1.443697

Average values

0.03958 -1.402507

Measured Fields - Omni 1300 mv/m D/A 51.5 mv/m @ 1 km Allowable 52.7 mv/m @ 1 km.



<u>Point</u> <u>*</u>	<u>Dist.</u> <u>(km)</u>	<u>Date</u> <u>1997</u>	<u>Time</u> <u>(Hrs)</u>	<u>ND5</u> <u>(mv/m)</u>	<u>ND20</u> <u>(mv/m)</u>	<u>Date</u> <u>1997</u>	<u>Time</u> <u>(Hrs)</u>	<u>DA/D</u> <u>(mv/m)</u>	<u>Ratio</u>	<u>Log Ratio</u>
310-1	2.27	07/21	0821	220.	440	07/16	0915	250	0.5680	-0.245513
310-2MP	3.72	07/21	0830	159.	318.	07/16	0918	160.	0.5030	-0.298307
310-3	5.42	07/21	0846	120	240.	07/16	0926	140.	0.5833	-0.234083
310-4	6.58	07/21	0851	100.	200	07/16	0931	110.	0.5500	-0.259637
310-5	7.23	07/21	0915	75.	150.	07/16	0950	90.	0.6000	-0.221849
310-6	7.73	07/21	0932	67.5	135.	07/16	1006	73.5	0.5444	-0.264046
310-7	8.25	07/21	0945	64.5	129.	07/16	1015	70.	0.5426	-0.265491
310-8	8.6	07/21	0955	60.	120.	07/16	1023	70.5	0.5875	-0.230992
310-9	9.03	07/21	1006	55.	110.	07/16	1037	65.	0.5909	-0.228479
310-10	9.85	07/21	1014	50.	100.	07/16	1047	60.	0.6000	-0.221849
310-11	11.6	07/21	1036	40.	80.	07/16	1105	47.	0.5875	-0.230992
310-12	13.0	07/21	1044	31.	62.	07/16	1117	36.	0.5806	-0.236089
310-13	13.8	07/21	1052	27.5	55.	07/16	1128	33.5	0.6000	-0.221849
310-14	15.8	12/13	1455	25.	50.	12/13	1500	28.8	0.5760	-0.239578
310-15	16.9	07/21	1113	24.	48.	07/16	1142	30.	0.6250	-0.204120
310-16	19.8	12/13	1512	17.	34.	12/13	1522	19.6	0.5765	-0.239223
310-17	20.9	07/21	1330	15.	30.	07/16	1358	17.5	0.5833	-0.234083
310-18	24.8	12/13	1533	11.	22.	12/13	1540	12.7	0.5773	-0.238619
310-19	29.1	07/21	1402	9.5	19.	07/16	1439	11.	0.5789	-0.237361
310-20	30.4	07/21	1421	10.	20.	07/16	1453	11.5	0.5750	-0.240332
310-21	31.3	07/21	1433	7.5	15.	07/16	1502	9.	0.6000	-0.221849
310-22	32.9	07/21	1440	6.	12.	07/16	1515	7.	0.5833	-0.234083
310-23	35.6	07/21	1451	4.9	9.8	07/16	1526	5.8	0.5918	-0.227798

WVNS Table #3(h) Radial Measurements True Bearing 310 Degrees. (cont).**Page 44**

<u>Point</u> <u>*</u>	<u>Dist.</u> <u>(km)</u>	<u>Date</u> <u>1997</u>	<u>Time</u> <u>(Hrs)</u>	<u>ND5</u> <u>(mv/m)</u>	<u>ND20</u> <u>(mv/m)</u>	<u>Date</u> <u>1997</u>	<u>Time</u> <u>(Hrs)</u>	<u>DA/D</u> <u>(mv/m)</u>	<u>Ratio</u>	<u>Log Ratio</u>
310-24	38.7	07/21	1503	3.7	7.4	07/16	1540	4.	0.5405	-0.267172
310-25	40.	07/21	1515	1.7	3.4	07/16	1558	2.	0.5882	-0.230449
310-26	45.1	07/21	1530	1.65	3.3	07/16	1614	1.8	0.5455	-0.263241
310-27	50.	07/21	1543	0.69	1.38	07/16	1630	0.8	0.5797	-0.236789
310-28	53.5	07/21	1552	0.70	1.4	07/16	1644	0.82	0.5857	-0.232314
310-29	58.7	07/21	1600	0.34	0.68	07/16	1658	0.4	0.5882	-0.230449

Average Values 0.5770 -0.238848

Measured Fields - Omni 1300 mv/m D/A 750. mv/m @ 1 km Allowable 761.7 mv/m @ 1 km.

