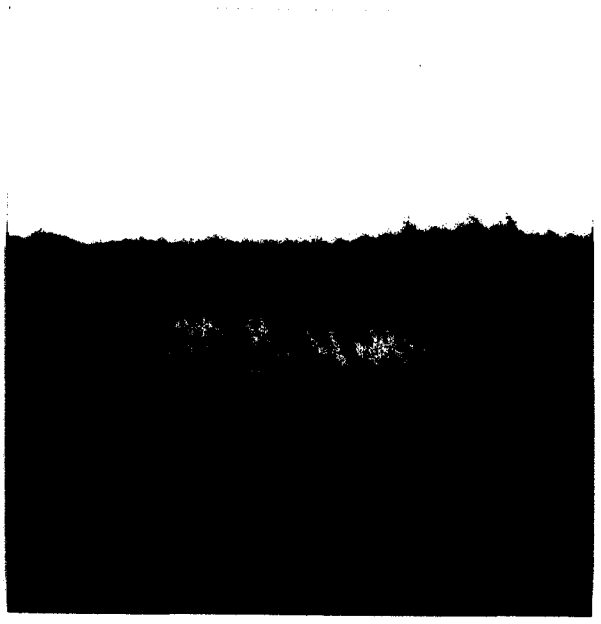
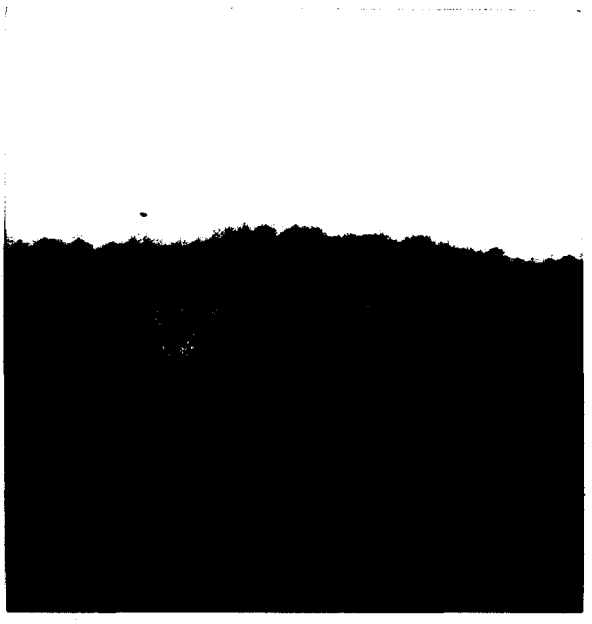
FIGURE 13 PHOTOGRAPHS OF KMOA SITE

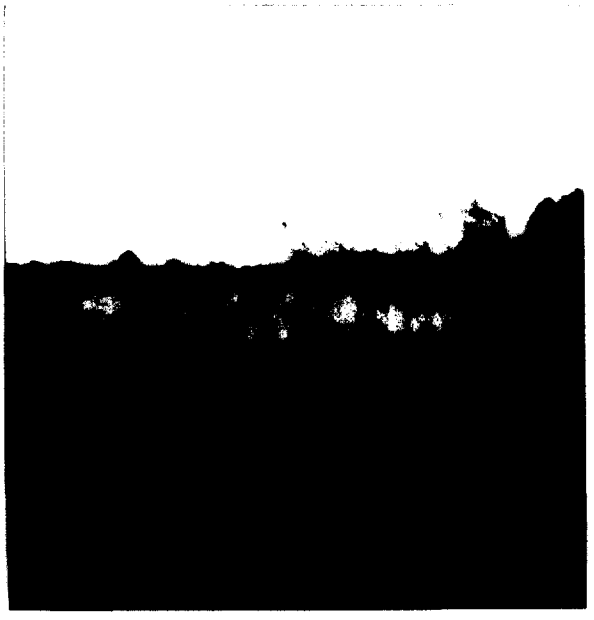


SOUTH



SOUTHWEST

WEST



NORTHWEST

A P P E N D I X I

FIELD STRENGTH MEASUREMENTS

ON

KMOA - KENSETT, ARKANSAS

FIGURE 14
TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 05 DEGREES TRUE

POINT	NDA			*DISTANCE *
* *** *	MV/M	TIME	DATE	* KM *
1	860.000	0930	04-03-88	0.12
2	700.000	0932	04-03-88	0.26
3	410.000	0935	04-03-88	0.40
4	400.000	0938	04-03-88	0.51
5	390.000	0941	04-03-88	0.68
6	280.000	0945	04-03-88	0.80
7	180.000	0947	04-03-88	0.93
8	64.000	0950	04-03-88	1.20
9	30.000	0954	04-03-88	1.38
10	30.000	0959	04-03-88	1.54
11	28.000	1015	04-03-88	1.69
12	26.000	1020	04-03-88	1.83
13	25.000	1030	04-03-88	2.00
14	22.000	1039	04-03-88	2.15
15	20.000	1045	04-03-88	2.30
16	21.000	1056	04-03-88	2.42
17	19.000	1104	04-03-88	2.80
18	15.000	1120	04-03-88	3.19
19	15.000	1135	04-03-88	3.44
20	14.000	1200	04-03-88	4.00
21	13.000	1215	04-03-88	4.56
22	11.000	1235	04-03-88	5.17
23	8.000	1250	04-03-88	5.90
24	4.300	1255	04-03-88	6.72
25	4.000	1300	04-03-88	7.60
26	3.000	1320	04-03-88	8.32
27	2.600	1400	04-03-88	9.05
28	2.200	1420	04-03-88	10.58
29	2.000	1425	04-03-88	12.32
30	1.900	1433	04-03-88	13.94
31	1.400	1445	04-03-88	15.58
32	1.400	1455	04-03-88	17.17
33	1.200	1500	04-03-88	18.76
34	1.000	1530	04-03-88	20.42
35	0.900	1545	04-03-88	22.00
36	0.800	1550	04-03-88	23.22
37	0.550	1600	04-03-88	25.14
38	0.500	0915	04-04-88	27.30
39	0.450	0930	04-04-88	28.53
40	0.400	0940	04-04-88	30.25
41	0.320	0950	04-04-88	31.92
42	0.330	1000	04-04-88	33.30
43	0.180	1015	04-04-88	35.61
44	0.120	1035	04-04-88	40.50

MORE...

FIGURE 14

TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 05 DEGREES TRUE

POINT #	NDA MV/M	NDA TIME	NDA DATE	DISTANCE KM
45	0.100	1100	04-04-88	43.40
46	0.130	1110	04-04-88	46.30
47	0.090	1120	04-04-88	49.00
48	0.090	1131	04-04-88	51.60
49	0.080	1145	04-04-88	56.80
50	0.038	1200	04-04-88	61.40
51	0.045	1300	04-04-88	63.80
52	0.060	1315	04-04-88	67.40
53	0.050	1335	04-04-88	71.50
54	0.050	1358	04-04-88	76.90
55	0.045	1414	04-04-88	80.20
56	0.040	1225	04-04-88	83.00
57	0.025	1500	04-04-88	86.20

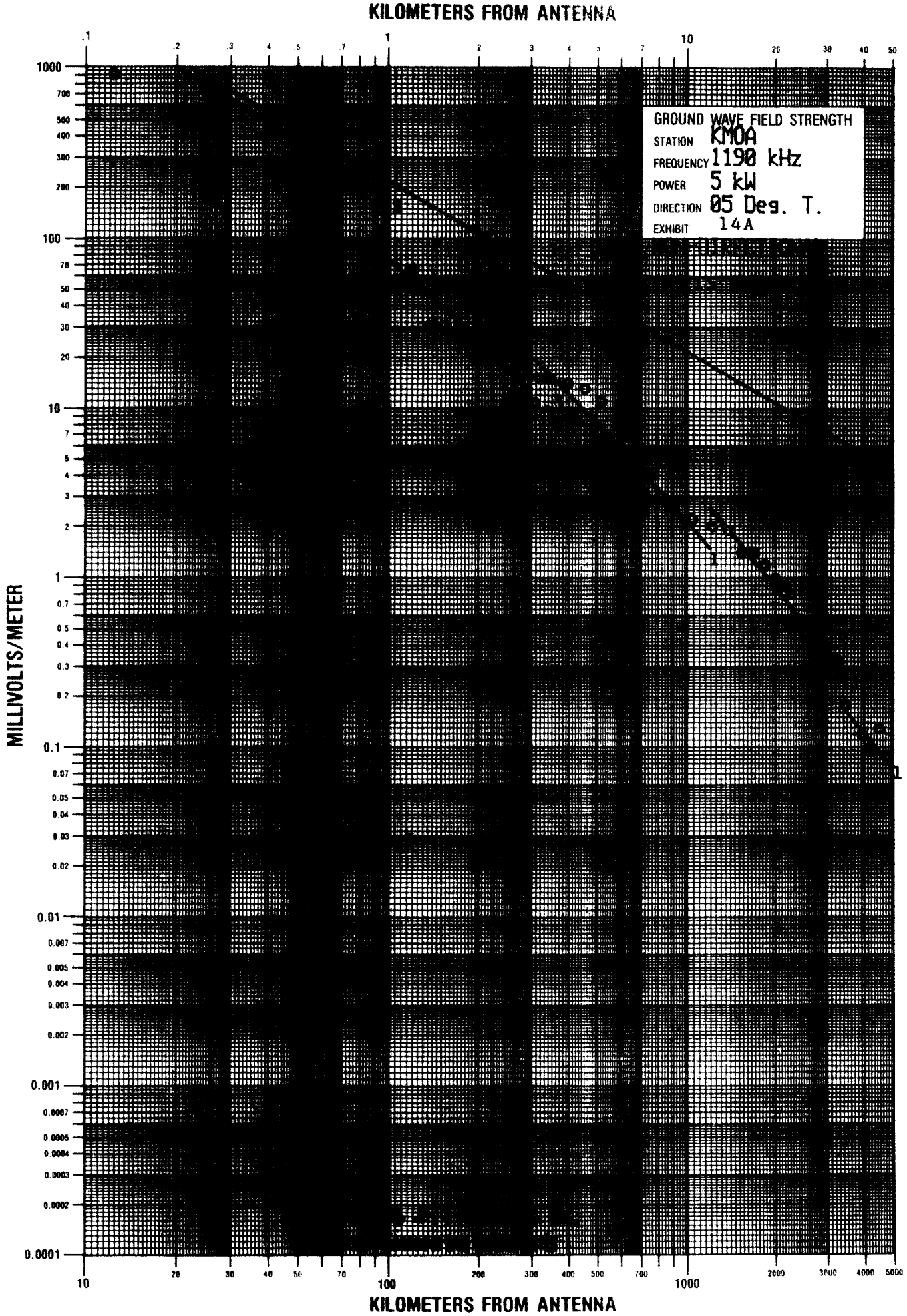

KILOMETERS FROM ANTENNA
GROUND WAVE FIELD STRENGTH
STATION KMOA
FREQUENCY 1190 kHz
POWER 5 kW
DIRECTION 05 Deg. T.
EXHIBIT 14A
MILLIVOLTS/METER
KILOMETERS FROM ANTENNA

FIGURE 15
TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 025 DEGREES TRUE

POINT *** *	NOA MV/M	TIME	DATE	*DISTANCE * KM *
1	850.000	0915	04-05-88	0.14
2	720.000	0917	04-05-88	0.27
3	400.000	0920	04-05-88	0.44
4	430.000	0924	04-05-88	0.70
5	380.000	0930	04-05-88	0.92
6	270.000	0933	04-05-88	1.08
7	180.000	0938	04-05-88	1.25
8	68.000	0942	04-05-88	1.37
9	32.000	0950	04-05-88	1.55
10	38.000	0953	04-05-88	1.70
11	35.000	0958	04-05-88	1.86
12	33.000	1002	04-05-88	2.00
13	30.000	1006	04-05-88	2.16
14	26.000	1010	04-05-88	2.28
15	24.000	1014	04-05-88	2.46
16	22.000	1019	04-05-88	2.75
17	19.000	1024	04-05-88	3.11
18	16.000	1030	04-05-88	3.78
19	14.000	1036	04-05-88	4.32
20	15.000	1045	04-05-88	4.67
21	11.000	1100	04-05-88	5.22
22	8.000	1112	04-05-88	5.85
23	8.000	1120	04-05-88	6.43
24	4.500	1125	04-05-88	7.07
25	4.500	1131	04-05-88	7.64
26	3.800	1140	04-05-88	8.20
27	2.800	1155	04-05-88	8.70
28	2.200	1210	04-05-88	9.18
29	1.700	1230	04-05-88	9.71
30	1.800	1244	04-05-88	11.23
31	1.900	1301	04-05-88	11.64
32	1.500	1313	04-05-88	12.66
33	1.400	1318	04-05-88	14.31
34	1.200	1331	04-05-88	16.00
35	1.200	1350	04-05-88	17.65
36	0.900	1401	04-05-88	18.73
37	0.700	1406	04-05-88	20.08
38	0.800	0410	04-05-88	21.48
39	0.750	1416	04-05-88	23.84
40	0.550	1425	04-05-88	26.05
41	0.400	1441	04-05-88	27.85
42	0.300	1504	04-05-88	29.62
43	0.100	0930	04-06-88	32.97
44	0.120	0932	04-06-88	33.58

MORE...

FIGURE 15
TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 025 DEGREES TRUE

POINT #	NOA MV/M	TIME	DATE	DISTANCE KM
45	0.110	0945	04-06-88	37.00
46	0.120	0958	04-06-88	42.40
47	0.230	1007	04-06-88	46.20
48	0.280	1019	04-06-88	49.10
49	0.180	1031	04-06-88	52.00
50	0.150	1052	04-06-88	58.30
51	0.120	1104	04-06-88	61.80
52	0.080	1112	04-06-88	64.60
53	0.090	1121	04-06-88	67.10
54	0.080	1131	04-06-88	71.50
55	0.070	1145	04-06-88	76.00
56	0.050	1156	04-06-88	78.40
57	0.040	1215	04-06-88	84.90
58	0.025	1230	04-06-88	88.30

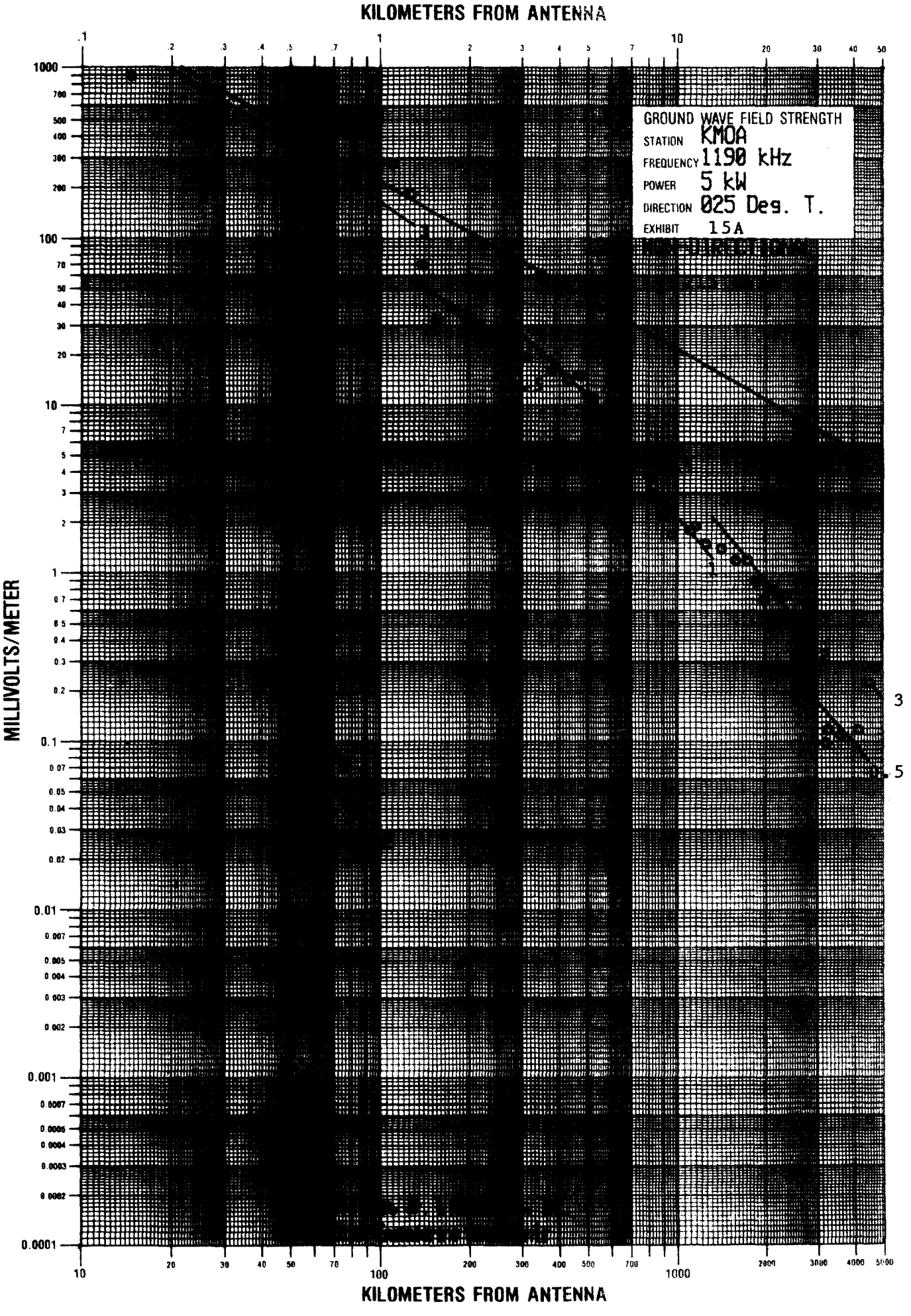

KILOMETERS FROM ANTENNA
GROUND WAVE FIELD STRENGTH
STATION KMOA
FREQUENCY 1190 kHz
POWER 5 kW
DIRECTION 025 Deg. T.
EXHIBIT 15A
MILLIVOLTS/METER
3
5
KILOMETERS FROM ANTENNA

FIGURE 16

TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 055 DEGREES TRUE

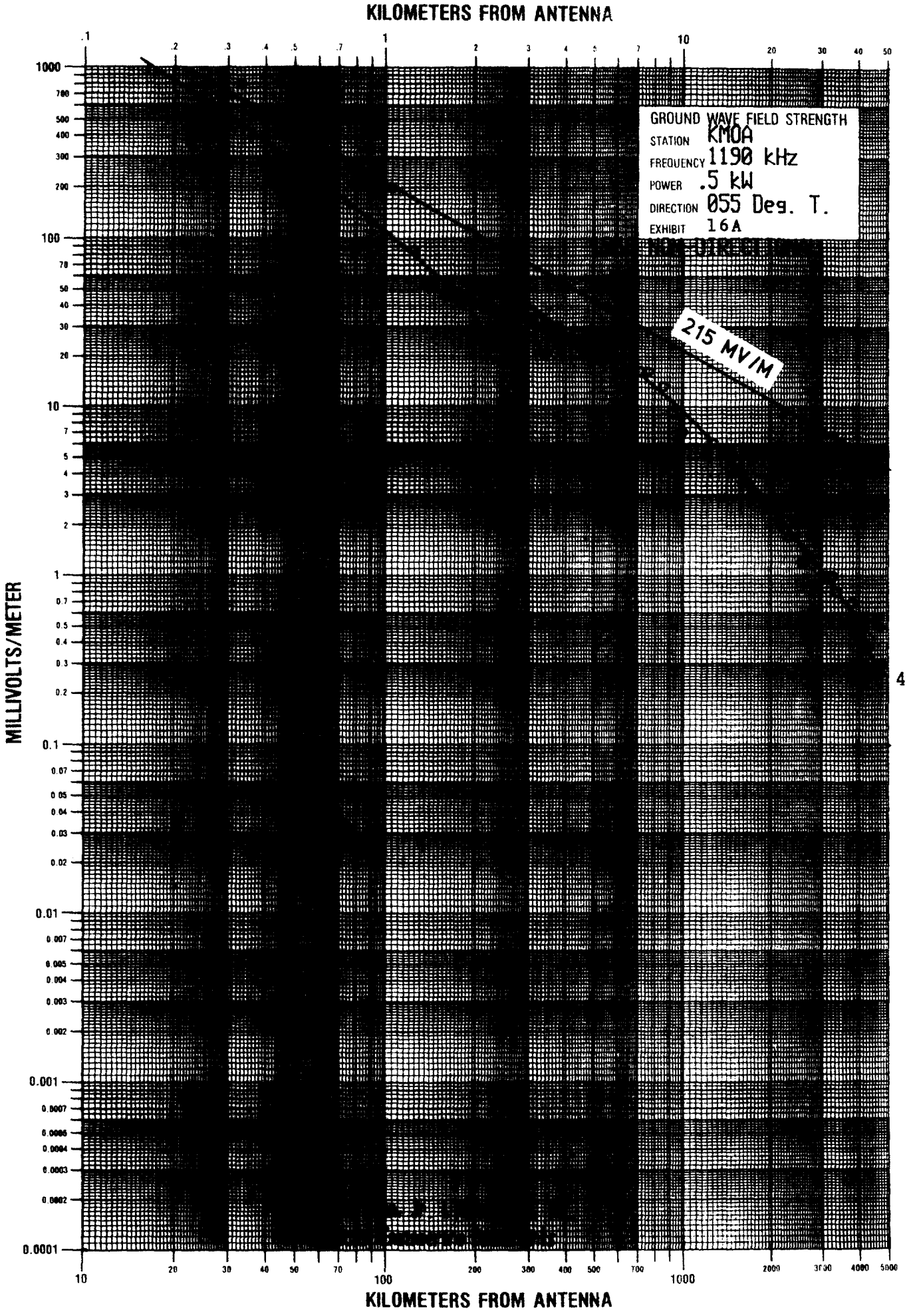
POINT #	NDA MV/M	NDA TIME	NDA DATE	DISTANCE KM
1	890.000	0830	09-12-86	0.16
2	750.000	0840	09-12-86	0.32
3	500.000	0845	09-12-86	0.48
4	430.000	0851	09-12-86	0.63
5	200.000	0858	09-12-86	0.77
6	320.000	0904	09-12-86	0.86
7	190.000	0910	09-12-86	1.03
8	82.000	0916	09-12-86	1.22
9	52.000	0922	09-12-86	1.38
10	44.000	0930	09-12-86	1.58
11	42.000	0940	09-12-86	1.74
12	44.000	0955	09-12-86	1.88
13	40.000	1010	09-12-86	2.04
14	38.000	1022	09-12-86	2.22
15	34.000	1035	09-12-86	2.37
16	39.000	1045	09-12-86	2.51
17	39.000	1052	09-12-86	2.75
18	33.000	1059	09-12-86	2.93
19	32.000	1108	09-12-86	3.06
20	32.000	1115	09-12-86	3.23
21	29.000	1122	09-12-86	3.77
22	24.000	1130	09-12-86	4.60
23	22.000	1135	09-12-86	5.26
24	19.000	1141	09-12-86	5.63
25	18.000	1146	09-12-86	6.47
26	16.000	1152	09-12-86	7.19
27	16.000	1159	09-12-86	7.63
28	13.000	1206	09-12-86	8.59
29	9.000	1215	09-12-86	9.25
30	7.000	1225	09-12-86	9.98
31	5.500	1231	09-12-86	11.55
32	6.000	1236	09-12-86	12.70
33	5.500	1242	09-12-86	14.24
34	4.000	1250	09-12-86	15.90
35	3.500	1259	09-12-86	16.25
36	3.000	1306	09-12-86	18.02
37	3.600	1315	09-12-86	19.96
38	2.600	1330	09-12-86	20.71
39	2.000	1340	09-12-86	22.02
40	1.700	1401	09-12-86	23.35
41	2.000	0900	09-13-86	24.99
42	1.200	0910	09-13-86	25.99
43	1.300	0918	09-13-86	27.46
44	1.700	0925	09-13-86	28.10

MORE...

FIGURE 16
TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 055 DEGREES TRUE

POINT #	NDA MV/M	TIME	DATE	DISTANCE KM
45	1.000	0932	09-13-86	31.41
46	1.000	0941	09-13-86	33.20
47	0.800	0955	09-13-86	34.26
48	0.690	1005	09-13-86	38.67
49	0.550	1012	09-13-86	42.57
50	0.380	1018	09-13-86	43.98
51	0.300	1025	09-13-86	48.92
52	0.240	1038	09-13-86	53.91
53	0.190	1045	09-13-86	54.88
54	0.080	1100	09-13-86	59.54
55	0.050	1110	09-13-86	64.86
56	0.040	1118	09-13-86	68.08
57	0.030	1125	09-13-86	72.74
58	0.025	1138	09-13-86	76.93


KILOMETERS FROM ANTENNA
GROUND WAVE FIELD STRENGTH
STATION KMOA
FREQUENCY 1190 kHz
POWER .5 kW
DIRECTION 055 Deg. T.
EXHIBIT 16A
215 MV/M
MILLIVOLTS/METER
KILOMETERS FROM ANTENNA

4

FIGURE 17
TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 075 DEGREES TRUE

POINT	NDA			*DISTANCE*
* *** *	MV/M	TIME	DATE	* KM *
1	900.000	0910	09-08-86	0.16
2	740.000	0903	09-08-86	0.35
3	430.000	0907	09-08-86	0.51
4	420.000	0910	09-08-86	0.68
5	350.000	0915	09-08-86	0.90
6	185.000	0920	09-08-86	1.08
7	75.000	0924	09-08-86	1.22
8	49.000	0930	09-08-86	1.35
9	44.000	0935	09-08-86	1.61
10	42.000	0938	09-08-86	1.71
11	42.000	0942	09-08-86	2.01
12	40.000	0945	09-08-86	2.19
13	34.000	0950	09-08-86	2.33
14	46.000	0955	09-08-86	2.48
15	39.000	1004	09-08-86	2.64
16	39.000	1007	09-08-86	2.77
17	34.000	1012	09-08-86	2.90
18	35.000	1015	09-08-86	3.06
19	34.000	1020	09-08-86	3.22
20	33.000	1030	09-08-86	3.62
21	25.000	1038	09-08-86	4.41
22	24.000	1045	09-08-86	4.78
23	15.000	1052	09-08-86	5.58
24	7.500	1101	09-08-86	6.42
25	10.000	1106	09-08-86	6.92
26	12.000	1111	09-08-86	8.13
27	10.000	1116	09-08-86	9.00
28	8.200	1121	09-08-86	9.80
29	8.400	1127	09-08-86	10.46
30	6.400	1132	09-08-86	11.47
31	6.200	1145	09-08-86	12.34
32	6.000	1158	09-08-86	12.73
33	3.600	1210	09-08-86	13.15
34	3.400	1215	09-08-86	13.87
35	3.200	1220	09-08-86	15.93
36	4.000	1305	09-08-86	17.35
37	3.200	1315	09-08-86	19.02
38	2.800	1322	09-08-86	20.75
39	2.400	1330	09-08-86	22.53
40	1.400	1340	09-08-86	27.39
41	1.300	1346	09-08-86	28.10
42	0.800	1352	09-08-86	29.84
43	0.800	1401	09-08-86	32.12
44	0.700	1409	09-08-86	32.30

MORE...

FIGURE 17
TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 075 DEGREES TRUE

POINT #	MV/M	NOA TIME	DATE	DISTANCE KM
45	0.600	1415	09-08-86	35.84
46	0.500	1420	09-08-86	39.24
47	0.650	1427	09-08-86	42.16
48	0.420	1434	09-08-86	46.19
49	0.500	1439	09-08-86	50.05
50	0.450	1444	09-08-86	54.56
51	0.450	1449	09-08-86	56.65
52	0.380	1000	09-09-86	61.43
53	0.360	1015	09-09-86	63.89
54	0.270	1023	09-09-86	68.24
55	0.240	1031	09-09-86	73.55
56	0.220	1042	09-09-86	78.83
57	0.130	1052	09-09-86	83.69
58	0.100	1104	09-09-86	87.39
59	0.060	1112	09-09-86	90.77
60	0.050	1120	09-09-86	93.50
61	0.040	1130	09-09-86	97.20
62	0.028	1150	09-09-86	100.58
63	0.025	1210	09-09-86	103.20

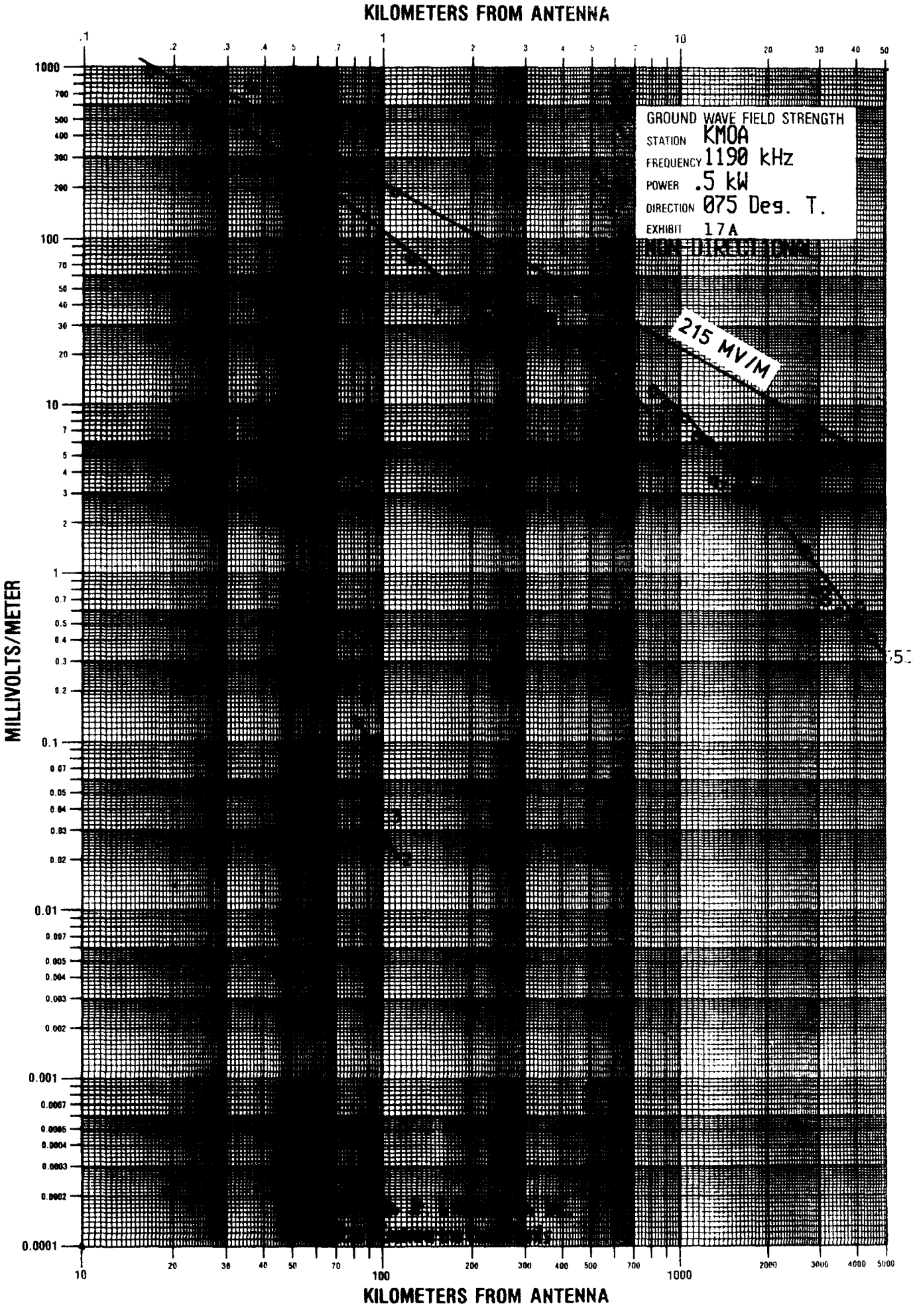

KILOMETERS FROM ANTENNA
MILLIVOLTS/METER
GROUND WAVE FIELD STRENGTH
STATION KMOA
FREQUENCY 1190 kHz
POWER .5 kW
DIRECTION 075 Deg. T.
EXHIBIT 17A
NON-DIRECTIONAL
215 MV/M
KILOMETERS FROM ANTENNA

FIGURE 18

TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 095 DEGREES TRUE

POINT	NDA			*DISTANCE *
* *** *	MV/M	TIME	DATE	* KM *
1	880.000	0845	09-10-86	0.21
2	750.000	0850	09-10-86	0.39
3	360.000	0854	09-10-86	0.55
4	230.000	0901	09-10-86	0.66
5	325.000	0904	09-10-86	0.84
6	200.000	0910	09-10-86	1.00
7	180.000	0914	09-10-86	1.17
8	80.000	0919	09-10-86	1.32
9	50.000	0923	09-10-86	1.48
10	44.000	0930	09-10-86	1.66
11	44.000	0933	09-10-86	1.80
12	42.000	0939	09-10-86	1.96
13	39.000	0945	09-10-86	2.09
14	38.000	0950	09-10-86	2.32
15	38.000	0956	09-10-86	2.51
16	39.000	1002	09-10-86	2.66
17	40.000	1015	09-10-86	2.78
18	36.000	1026	09-10-86	3.06
19	34.000	1031	09-10-86	3.20
20	31.000	1040	09-10-86	3.77
21	30.000	1050	09-10-86	4.25
22	26.000	1055	09-10-86	4.68
23	18.000	1059	09-10-86	5.38
24	15.000	1106	09-10-86	6.21
25	10.000	1112	09-10-86	6.97
26	13.000	1117	09-10-86	7.44
27	15.000	1130	09-10-86	8.58
28	14.000	1140	09-10-86	9.45
29	10.000	1240	09-10-86	9.50
30	13.000	1152	09-10-86	10.24
31	12.000	1204	09-10-86	11.06
32	9.000	1245	09-10-86	11.10
33	8.200	1256	09-10-86	12.71
34	7.000	1308	09-10-86	14.16
35	5.400	1315	09-10-86	15.77
36	5.200	1330	09-10-86	17.38
37	4.700	1340	09-10-86	18.99
38	3.900	1400	09-10-86	21.08
39	1.400	0915	09-11-86	22.69
40	0.900	0925	09-11-86	24.46
41	0.660	0936	09-11-86	25.91
42	1.300	0943	09-11-86	28.65
43	0.800	1000	09-11-86	30.26
44	0.800	1012	09-11-86	31.87

MORE...

FIGURE 18
TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 095 DEGREES TRUE

#POINT#	NOA			#DISTANCE #
# ### #	MV/M	TIME	DATE	# KM #
45	0.700	1020	09-11-86	35.57
46	0.250	1035	09-11-86	39.91
47	0.350	1043	09-11-86	43.13
48	0.380	1050	09-11-86	48.12
49	0.330	1105	09-11-86	52.79
50	0.200	1113	09-11-86	57.45
51	0.300	1120	09-11-86	60.19
52	0.280	1131	09-11-86	64.53
53	0.180	1144	09-11-86	67.75
54	0.150	1200	09-11-86	70.81
55	0.120	1210	09-11-86	75.64
56	0.100	1222	09-11-86	79.82
57	0.080	1231	09-11-86	84.65
58	0.050	1245	09-11-86	86.58
59	0.030	1256	09-11-86	91.25
60	0.027	1310	09-11-86	97.20
61	0.025	1325	09-11-86	101.71

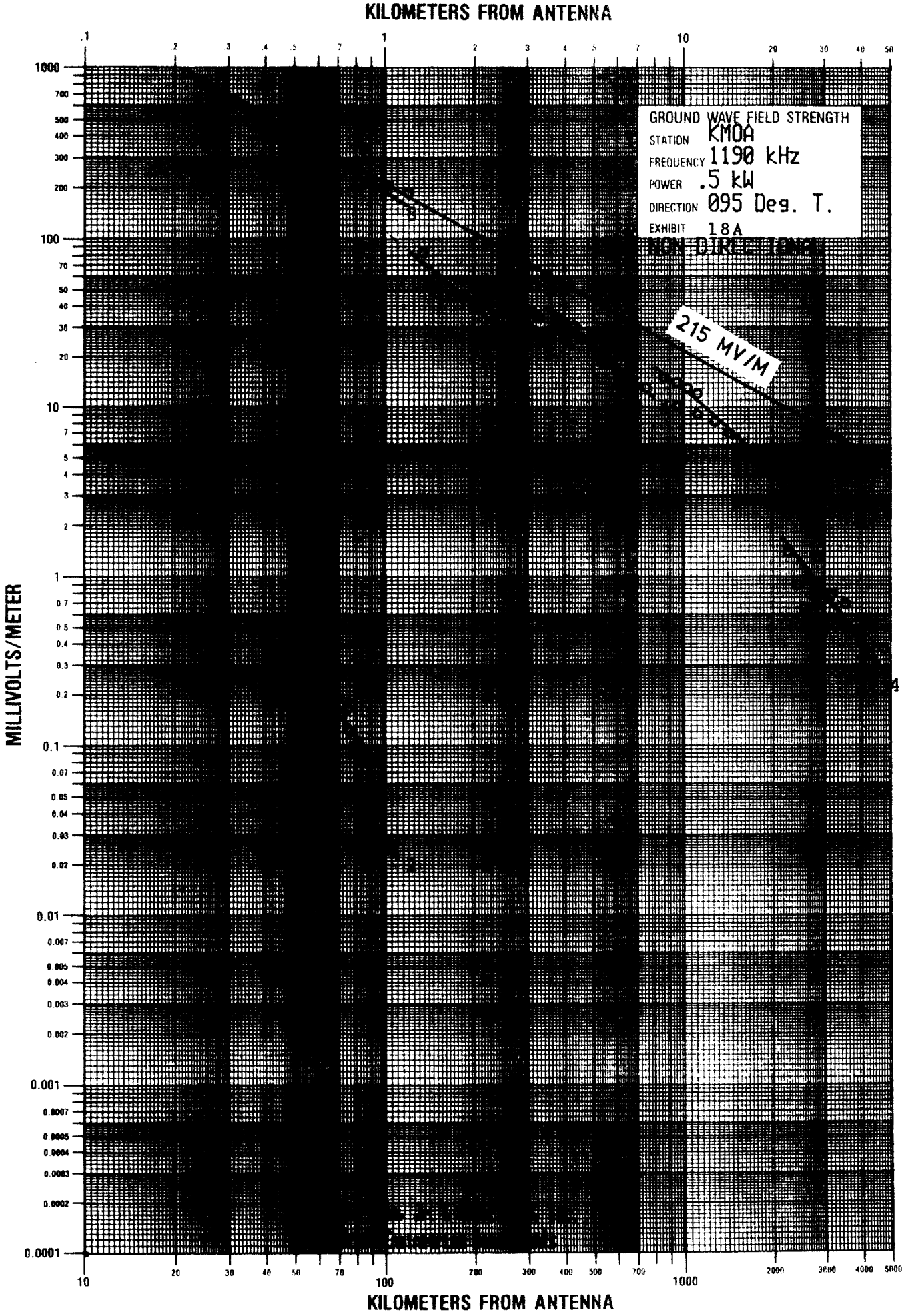

KILOMETERS FROM ANTENNA
GROUND WAVE FIELD STRENGTH
STATION KMOA
FREQUENCY 1190 kHz
POWER .5 kW
DIRECTION 095 Deg. T.
EXHIBIT 18A
NON-DIRECTIONAL
215 MV/M
MILLIVOLTS/METER
KILOMETERS FROM ANTENNA

FIGURE 19

TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 279.5 DEGREES TRUE

POINT ### *	NDA MV/M	TIME	DATE	*DISTANCE * KM *
1	750.000	1015	09-15-86	0.29
2	475.000	1018	09-15-86	0.51
3	360.000	1022	09-15-86	0.61
4	260.000	1028	09-15-86	0.76
5	190.000	1035	09-15-86	1.05
6	95.000	1042	09-15-86	1.26
7	60.000	1048	09-15-86	1.58
8	50.000	1052	09-15-86	1.80
9	40.000	1059	09-15-86	2.06
10	40.000	1105	09-15-86	2.24
11	39.000	1112	09-15-86	2.50
12	38.000	1118	09-15-86	2.93
13	36.000	1125	09-15-86	3.57
14	24.000	1135	09-15-86	4.36
15	22.000	1142	09-15-86	5.28
16	18.000	1149	09-15-86	6.20
17	15.000	1155	09-15-86	6.84
18	12.000	1205	09-15-86	6.97
19	11.000	1215	09-15-86	8.05
20	8.500	1230	09-15-86	8.70
21	8.500	1248	09-15-86	9.04
22	5.500	1305	09-15-86	10.01
23	3.500	1320	09-15-86	10.83
24	3.000	1335	09-15-86	12.68
25	2.600	1345	09-15-86	13.97
26	2.400	0915	09-16-86	14.74
27	2.300	0924	09-16-86	16.42
28	2.400	0932	09-16-86	17.25
29	2.000	0945	09-16-86	18.27
30	1.200	1001	09-16-86	18.86
31	1.100	1018	09-16-86	20.55
32	0.820	1025	09-16-86	23.56
33	0.420	1035	09-16-86	25.09
34	0.400	1046	09-16-86	26.43
35	0.390	1100	09-16-86	27.75
36	0.290	1110	09-16-86	30.80
37	0.250	1125	09-16-86	34.09
38	0.220	1140	09-16-86	37.69
39	0.210	1155	09-16-86	40.67
40	0.080	1210	09-16-86	45.06
41	0.050	1228	09-16-86	50.53
42	0.045	1245	09-16-86	52.79
43	0.025	1301	09-16-86	57.13

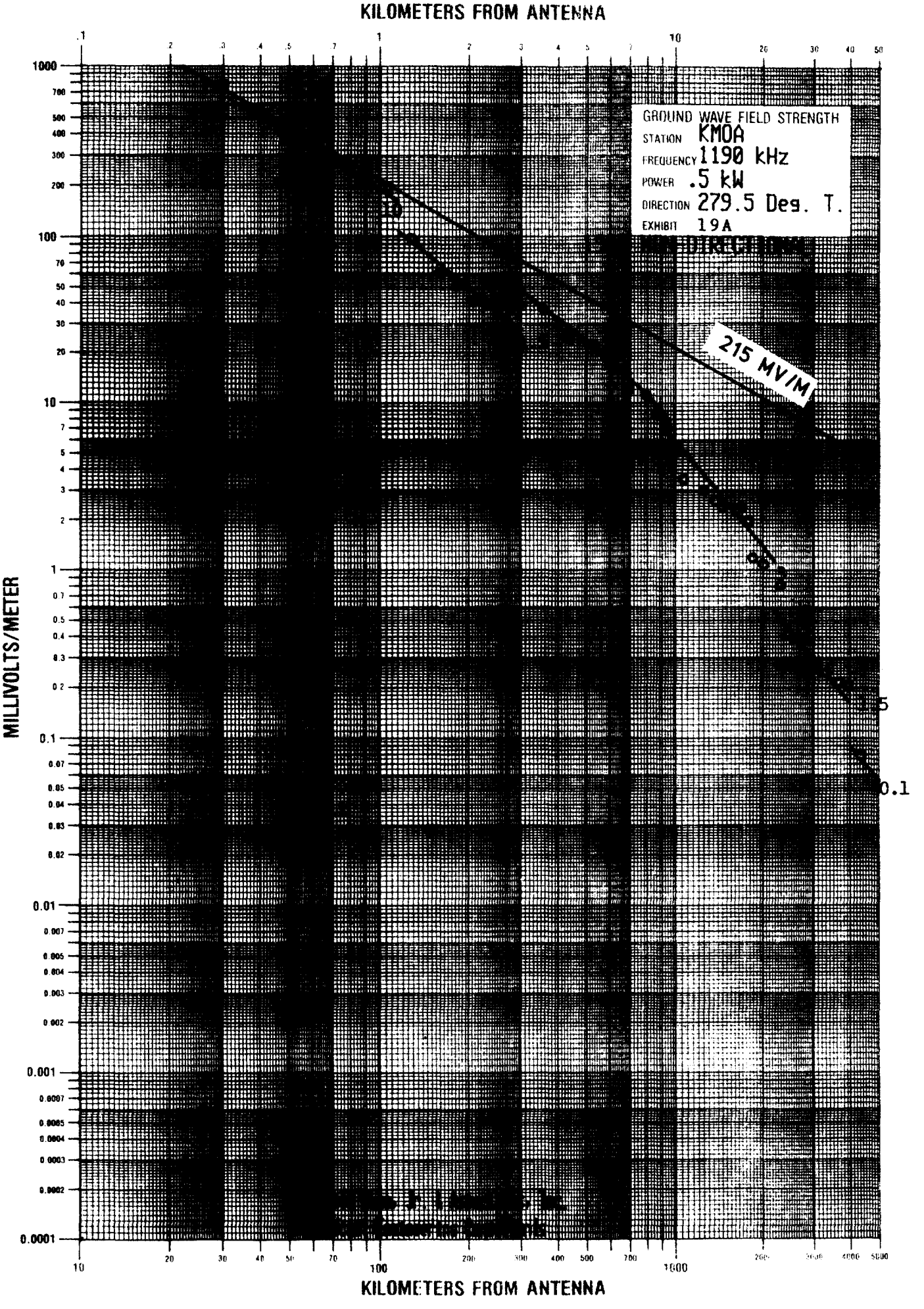

KILOMETERS FROM ANTENNA
GROUND WAVE FIELD STRENGTH
STATION KMOA
FREQUENCY 1190 kHz
POWER .5 kW
DIRECTION 279.5 Deg. T.
EXHIBIT 19A
215 MV/M
MILLIVOLTS/METER
KILOMETERS FROM ANTENNA

FIGURE 20

TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 299.5 DEGREES TRUE

POINT ### *	MV/M	NDA TIME	DATE	*DISTANCE * KM *
1	750.000	1005	09-17-86	0.29
2	430.000	1015	09-17-86	0.45
3	390.000	1018	09-17-86	0.53
4	330.000	1022	09-17-86	0.69
5	325.000	1028	09-17-86	0.87
6	220.000	1032	09-17-86	0.98
7	165.000	1036	09-17-86	1.13
8	75.000	1041	09-17-86	1.30
9	48.000	1055	09-17-86	1.50
10	44.000	1105	09-17-86	1.71
11	42.000	1112	09-17-86	1.83
12	39.000	1120	09-17-86	2.00
13	39.000	1131	09-17-86	2.14
14	38.000	1142	09-17-86	2.35
15	39.000	1148	09-17-86	2.49
16	38.000	1154	09-17-86	2.64
17	36.000	1200	09-17-86	2.78
18	35.000	1205	09-17-86	3.09
19	33.000	1245	09-17-86	3.33
20	24.000	1251	09-17-86	3.62
21	22.000	1259	09-17-86	4.25
22	18.000	1310	09-17-86	4.78
23	15.000	1318	09-17-86	4.94
24	12.000	1326	09-17-86	5.28
25	15.000		09-17-86	5.86
26	12.000		09-17-86	6.49
27	8.500		09-17-86	7.35
28	5.500		09-17-86	7.68
29	5.000		09-17-86	8.42
30	4.000		09-17-86	8.69
31	4.000		09-17-86	9.50
32	3.000		09-17-86	10.07
33	2.800		09-17-86	11.36
34	2.600		09-17-86	11.75
35	2.300		09-18-86	14.00
36	2.000		09-18-86	15.85
37	1.700		09-18-86	16.69
38	1.600		09-18-86	17.03
39	1.400		09-18-86	18.30
40	1.200		09-18-86	18.78
41	0.750		09-18-86	20.07
42	0.450		09-18-86	20.78
43	0.430		09-18-86	22.84
44	0.390		09-18-86	24.78

MORE...

FIGURE 20
TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 299.5 DEGREES TRUE

POINT	NOA			*DISTANCE *
* *** *	MV/M	TIME	DATE	* KM *
45	0.330		09-18-86	26.09
46	0.270		09-18-86	28.94
47	0.250		09-18-86	32.67
48	0.220		09-18-86	34.44
49	0.190		09-18-86	36.85
50	0.150	1045	09-18-86	38.38
51	0.120	1055	09-18-86	40.07
52	0.110	1104	09-18-86	42.36
53	0.090	1111	09-18-86	43.79
54	0.080	1118	09-18-86	45.22
55	0.070	1125	09-18-86	45.70
56	0.040	1132	09-18-86	49.08
57	0.035	1140	09-18-86	50.86
58	0.024	1150	09-18-86	54.40

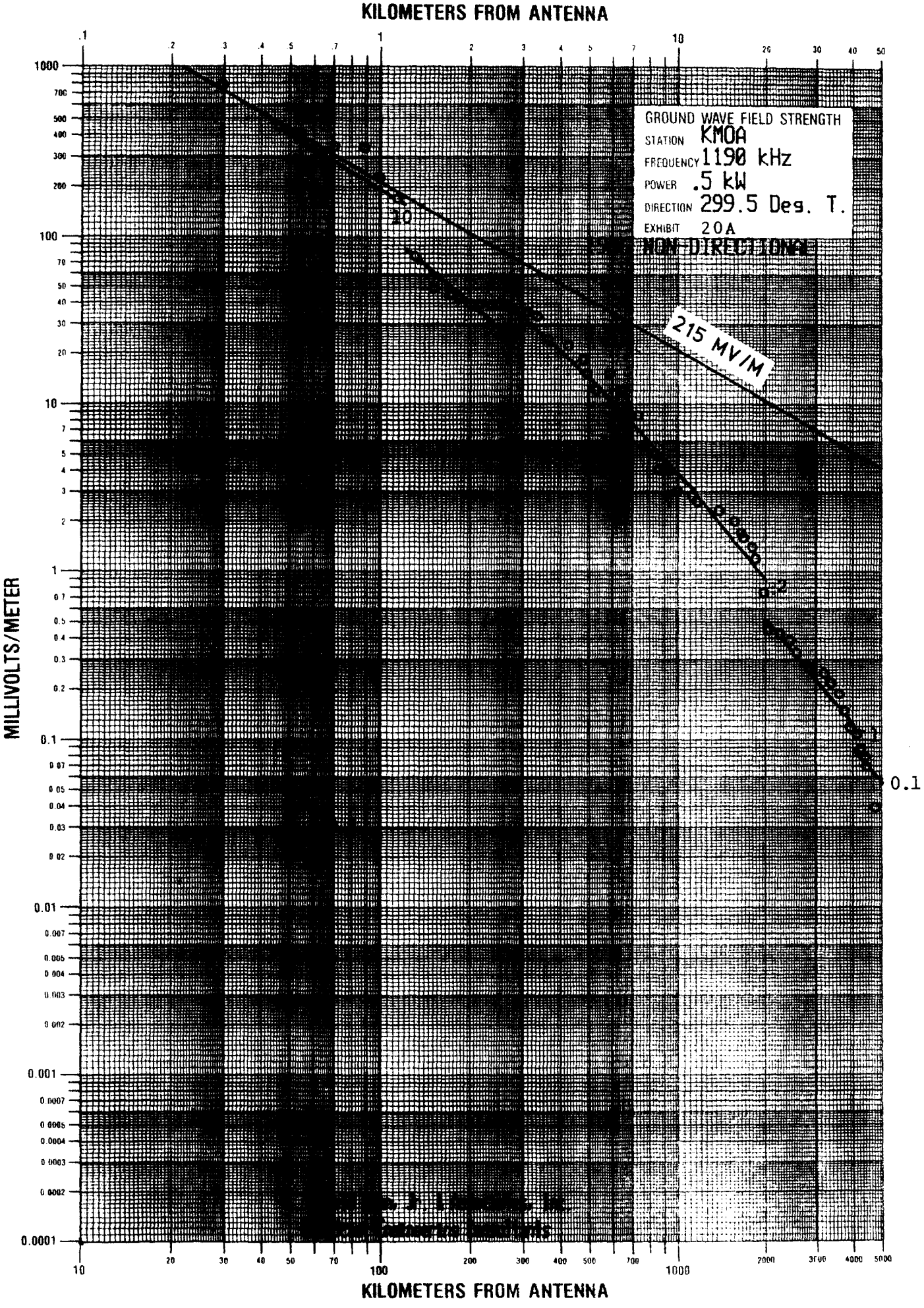

KILOMETERS FROM ANTENNA
MILLIVOLTS/METER
GROUND WAVE FIELD STRENGTH
STATION KMOA
FREQUENCY 1190 kHz
POWER .5 kW
DIRECTION 299.5 Deg. T.
EXHIBIT 20A
NON-DIRECTIONAL
215 MV/M
10
0.2
0.1
KILOMETERS FROM ANTENNA

FIGURE 21

TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 319.5 DEGREES TRUE

POINT #	NOA MV/M	NOA TIME	NOA DATE	DISTANCE KM
1	890.000	0845	09-19-86	0.16
2	730.000	0849	09-19-86	0.29
3	470.000	0854	09-19-86	0.48
4	390.000	0859	09-19-86	0.53
5	310.000	0904	09-19-86	0.64
6	320.000	0910	09-19-86	0.84
7	220.000	0915	09-19-86	0.98
8	160.000	0919	09-19-86	1.13
9	75.000	0925	09-19-86	1.26
10	40.000	0931	09-19-86	1.45
11	38.000	0939	09-19-86	1.67
12	39.000	0945	09-19-86	1.87
13	36.000	0952	09-19-86	2.00
14	34.000	0958	09-19-86	2.16
15	32.000	1006	09-19-86	2.32
16	32.000	1015	09-19-86	2.49
17	33.000	1019	09-19-86	2.75
18	32.000	1030	09-19-86	3.04
19	31.000	1045	09-19-86	3.33
20	24.000	1059	09-19-86	4.06
21	15.000	1115	09-19-86	4.75
22	8.500	1130	09-19-86	5.52
23	8.000	1144	09-19-86	5.97
24	8.500	1201	09-19-86	6.74
25	5.000	1220	09-19-86	7.68
26	5.000	1235	09-19-86	8.58
27	4.500	1242	09-19-86	8.82
28	3.500	1300	09-19-86	10.19
29	2.800	0945	09-20-86	10.73
30	2.200	0900	09-20-86	12.07
31	1.800	0910	09-20-86	14.27
32	1.400	0922	09-20-86	15.90
33	1.200	0931	09-20-86	17.27
34	0.095	0945	09-20-86	18.59
35	1.100	0955	09-20-86	18.93
36	0.900	1004	09-20-86	20.13
37	0.550	1015	09-20-86	21.57
38	0.800	1022	09-20-86	23.01
39	0.650	1035	09-20-86	23.77
40	0.400	1046	09-20-86	25.03
41	0.390	1059	09-20-86	25.88
42	0.410	1115	09-20-86	27.50
43	0.450	1126	09-20-86	28.87
44	0.210	1140	09-20-86	30.35

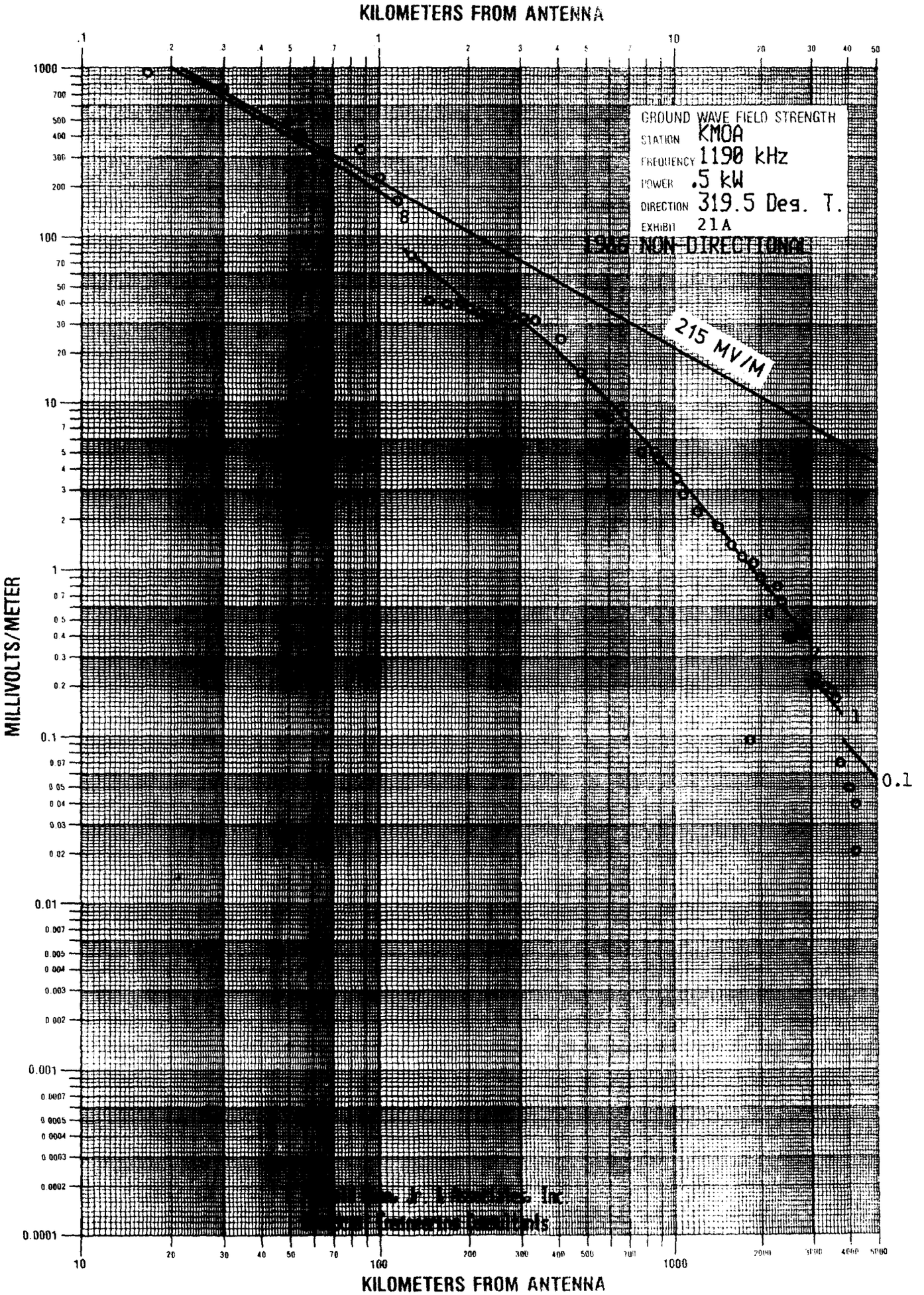
MORE...

FIGURE 21

TABULATION OF FIELD STRENGTH MEASUREMENTS

STATION : KMOA
FREQUENCY: 1190 KHZ
BEARING : 319.5 DEGREES TRUE

POINT #	NDA MV/M	NDA TIME	NDA DATE	DISTANCE KM
45	0.230	1151	09-20-86	31.49
46	0.200	1159	09-20-86	33.81
47	0.190	1210	09-20-86	35.73
48	0.170	1220	09-20-86	36.87
49	0.070	1235	09-20-86	38.24
50	0.050	1248	09-20-86	41.04
51	0.040	1250	09-20-86	43.29
52	0.021	1301	09-20-86	43.45


KILOMETERS FROM ANTENNA
MILLIVOLTS/METER
GROUND WAVE FIELD STRENGTH
STATION KMOA
FREQUENCY 1190 kHz
POWER .5 kW
DIRECTION 319.5 Deg. T.
EXHIBIT 21A
NON-DIRECTIONAL
215 MV/M
0.1
KILOMETERS FROM ANTENNA