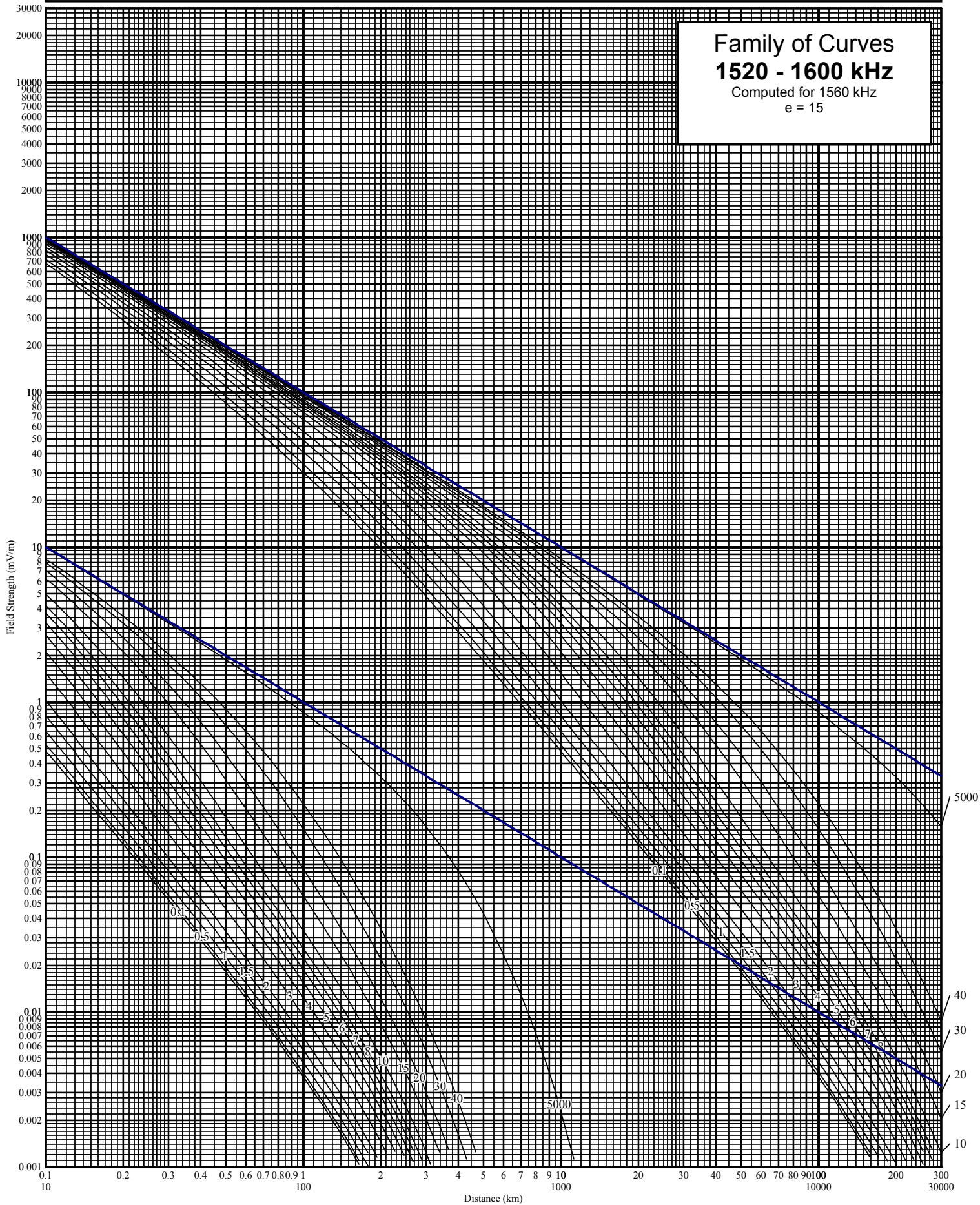


Readings Presented on KGBT  
1530 kHz, 50 kW ND-D, Harlingen, Texas

The readings presented on KGBT in this report were originally filed as part of the KYND AM application for power change and change in transmitter site at Cypress, Texas. A large portion of the KGBT path to the northeast lies over the Gulf of Mexico; hence, readings along the path were not available which meet the requirements of Section 73.182 of the rules. Readings were taken as close to the distance rules as possible. An explanation of readings taken follow tabulation of the readings presented.

# Groundwave Field Strength vs. Distance

Inverse Distance Field: 100.0 mV/m@1km



Pro Broadcasting, Inc.

Licensee: KYND (AM), 1520 kHz, Cypress, Texas

Seeks: Change Antenna Site, Power, Directional System

Exhibit: KGBT, Page: 1

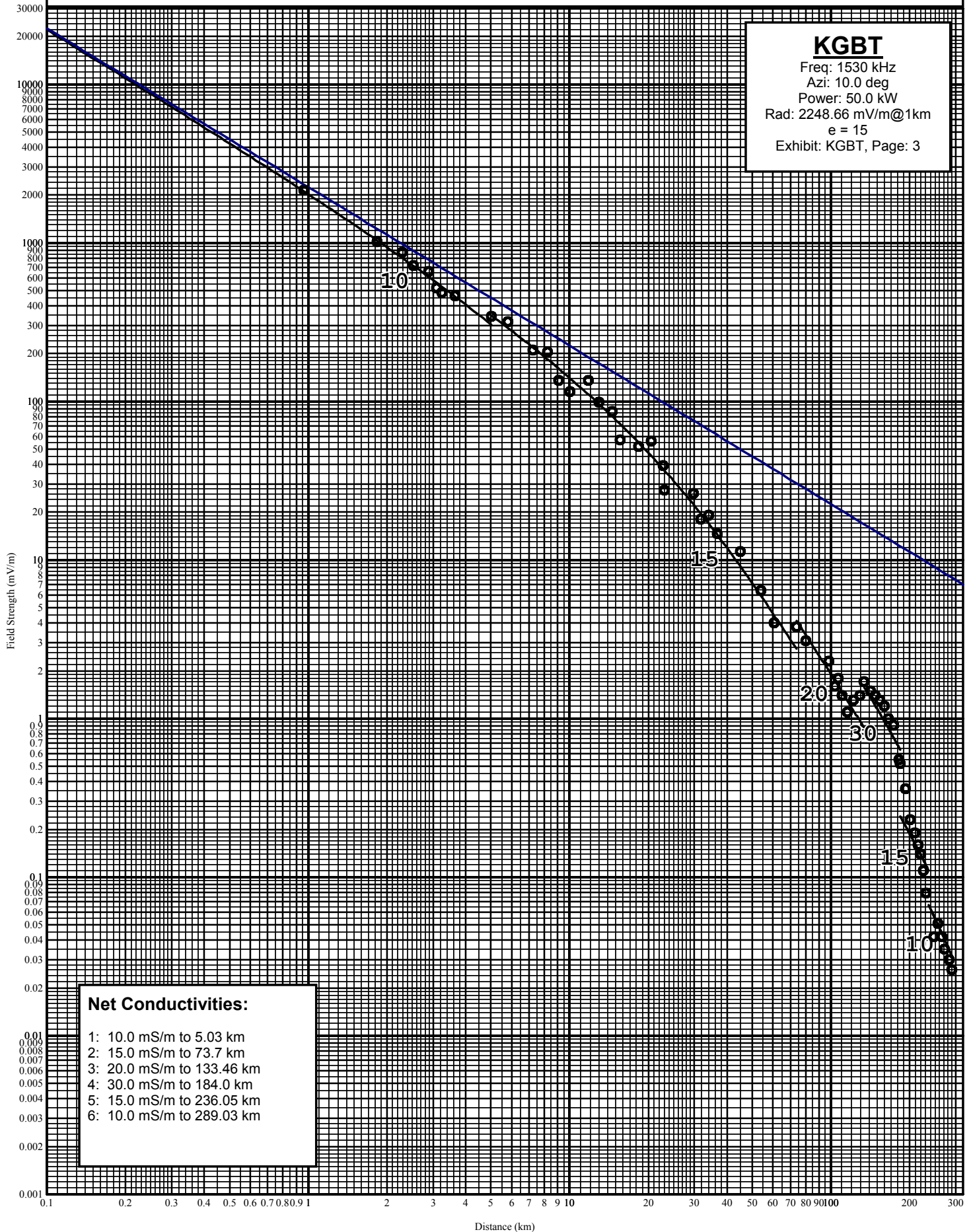
Measurements for 10.0 Degrees  
KGBT (AM), 1530 kHz, 50 kW, ND-D  
Harlingen, Texas

Point Number	Distance		Field	Notes	Date	Time
-----	(km)	(mi)	(mV/m)	-----	-----	-----
1	0.96	0.60	2145.000		8/11/2011	0911
2	1.84	1.14	1015.000		8/11/2011	0918
3	2.29	1.42	875.000		8/11/2011	0927
4	2.53	1.57	720.000		8/11/2011	0943
5	2.89	1.80	662.000		8/11/2011	0954
6	3.09	1.92	518.000		8/11/2011	0959
7	3.25	2.02	486.000		8/11/2011	1019
8	3.65	2.27	461.000		8/11/2011	1034
9	5.03	3.13	345.000		8/11/2011	1044
10	5.80	3.60	319.000		8/11/2011	1050
11	7.25	4.50	211.000		8/11/2011	1106
12	8.21	5.10	204.000		8/11/2011	1115
13	9.10	5.65	136.000		8/11/2011	1124
14	10.01	6.22	115.000		8/11/2011	1132
15	11.84	7.36	136.000		8/11/2011	1140
16	12.95	8.05	99.000		8/11/2011	1149
17	14.59	9.07	86.000		8/11/2011	1200
18	15.59	9.69	57.000		8/11/2011	1209
19	18.34	11.40	52.000		8/11/2011	1216
20	20.50	12.74	56.000		8/11/2011	1247
21	22.74	14.13	39.500		8/11/2011	1256
22	23.01	14.30	27.700		8/12/2011	0905
23	29.81	18.52	26.400		8/12/2011	0913
24	31.78	19.75	18.000		8/12/2011	0921
25	34.10	21.19	19.200		8/12/2011	0930
26	36.64	22.77	14.600		8/12/2011	0939
27	44.97	27.94	11.300		8/12/2011	0946
28	53.85	33.46	6.400		8/12/2011	0956
29	60.63	37.67	4.000		8/12/2011	1008
30	73.70	45.80	3.800		8/12/2011	1020
31	80.00	49.71	3.100		8/12/2011	1029
32	98.32	61.09	2.300		8/12/2011	1036
33	103.75	64.47	1.600		8/12/2011	1104
34	106.45	66.14	1.800		8/12/2011	1119
35	110.10	68.41	1.400		8/12/2011	1130
36	115.54	71.79	1.100		8/12/2011	1139
37	122.00	75.81	1.300		8/12/2011	1258
38	128.78	80.02	1.400		8/12/2011	1309
39	133.46	82.93	1.700		8/12/2011	1333
40	141.39	87.86	1.500		8/12/2011	1343

41	147.73	91.80	1.400	8/12/2011	1354
42	153.40	95.32	1.300	8/12/2011	1402
43	159.99	99.41	1.200	8/12/2011	1412
44	165.80	103.02	1.000	8/12/2011	1421
45	173.78	107.98	0.910	8/12/2011	1428
46	181.90	113.03	0.550	8/12/2011	1440
47	184.00	114.33	0.520	8/12/2011	1451
48	192.77	119.78	0.360	8/12/2011	1458
49	200.85	124.80	0.230	8/12/2011	1505
50	208.66	129.66	0.190	8/12/2011	1514
51	215.01	133.60	0.160	8/12/2011	1525
52	220.85	137.23	0.140	8/12/2011	1533
53	225.63	140.20	0.110	8/12/2011	1541
54	231.05	143.57	0.079	8/12/2011	1552
55	247.00	153.48	0.042	8/12/2011	1611
56	256.33	159.28	0.051	8/12/2011	1623
57	264.88	164.59	0.042	8/12/2011	1634
58	272.03	169.03	0.035	8/12/2011	1645
59	283.57	176.20	0.030	8/12/2011	1653
60	290.03	180.22	0.026	8/12/2011	1703

# KGBT AM Measured Field Strength

Shown With Matching Conductivity Curves  
KGBT (AM), 1530 kHz, 50 kW, ND-D, Harlingen, Texas



Pro Broadcasting, Inc.

Licensee: KYND (AM), 1520 kHz, Cypress, Texas

Seeks: Change Antenna Site, Power, Directional System

Exhibit: KGBT, Page: 4

Measurements for 30.0 degrees.  
KGBT (AM), 1530 kHz, 50 kW, ND-D  
Harlingen, Texas

Point Number	Distance		Field	Notes	Date	Time
-----	(km)	(mi)	(mV/m)	-----	-----	-----
1	0.92	0.57	2215.000		8/11/2011	0939
2	1.05	0.65	1355.000		8/11/2011	0948
3	1.95	1.21	986.000		8/11/2011	0954
4	2.17	1.35	908.000		8/11/2011	0955
5	2.83	1.76	570.000		8/11/2011	1005
6	3.02	1.88	545.000		8/11/2011	0959
7	3.24	2.01	549.000		8/11/2011	1019
8	3.90	2.42	436.000		8/11/2011	1024
9	5.85	3.64	309.000		8/11/2011	1044
10	7.94	4.93	166.000		8/11/2011	1050
11	9.00	5.59	170.000		8/11/2011	1111
12	11.10	6.90	130.000		8/11/2011	1120
13	12.50	7.77	112.000		8/11/2011	1142
14	14.87	9.24	70.600		8/11/2011	1224
15	18.36	11.41	61.000		8/11/2011	1230
16	20.25	12.58	34.600		8/11/2011	1304
17	24.10	14.98	30.800		8/11/2011	1311
18	28.81	17.90	27.000		8/11/2011	1317
19	30.91	19.21	18.600		8/11/2011	1324
20	35.28	21.92	16.300		8/11/2011	1441
21	41.54	25.81	12.600		8/11/2011	1454
22	49.04	30.47	11.200		8/11/2011	1521
23	55.66	34.59	11.800		8/11/2011	1537
24	61.82	38.41	9.700		8/11/2011	1615
25	67.82	42.14	9.000		8/11/2011	1640
26	77.83	48.36	7.300		8/11/2011	1649
27	128.84	80.06	1.600		8/14/2011	0956
28	140.50	87.30	1.600		8/14/2011	0945
29	166.58	103.51	1.200		8/14/2011	0939
30	181.77	112.95	0.680		8/14/2011	0925
31	195.44	121.44	0.420		8/17/2011	1306
32	199.22	123.79	0.330		8/14/2011	0950
33	209.84	130.39	0.140		8/14/2011	1004
34	215.87	134.14	0.120		8/14/2011	1015
35	227.40	141.30	0.120		8/14/2011	1044
36	239.83	149.02	0.150		8/14/2011	1118
37	254.58	158.19	0.110		8/14/2011	1218
38	261.42	162.44	0.140		8/14/2011	1248
39	274.31	170.45	0.120		8/14/2011	1322
40	287.92	178.91	0.100		8/14/2011	1406

Note: No readings possible between 77.83 km and 128.84 km due as radial crosses Gulf of Mexico between those two distances. Commencing with reading #27 and continuing to reading #30 at 152.55 km, readings were taken along Park Road 22 along the South Padre Island National Seashore which is the nearest point of land paralleling the 30.0 Deg. radial approximately 7 km north of the actual radial which runs along the Gulf of Mexico. Reading #31 at 166.58 km was taken on Texas Highway 361 on Mustang Island which is the nearest point of land paralleling the 30.0 Deg radial approximately 8 km north of the actual radial which runs along the Gulf of Mexico. Reading #32 was at the San Jose Island Airport approximately 6 miles southwest of Rockport, Texas on San Jose Island, the nearest point of land paralleling the 30.0 Deg. Radial which runs approximately 7.5 km north of the actual radial which runs along the Gulf of Mexico. Readings commencing with #34 and continuing through #38 were taken along Texas Highway 35 and Texas Farm To Market Road 774 which are the closest land points approximately 25 km west of the radial. While a portion of these points are over land, they run through areas of uninhabited portions of the Aransas National Wildlife Refuge and are inaccessible by ordinary means.

# KGBT AM Measured Field Strength

Shown With Matching Conductivity Curves

KGBT (AM), 1530 kHz, 50 kW, ND-D, Harlingen, Texas

## KGBT

Freq: 1530 kHz

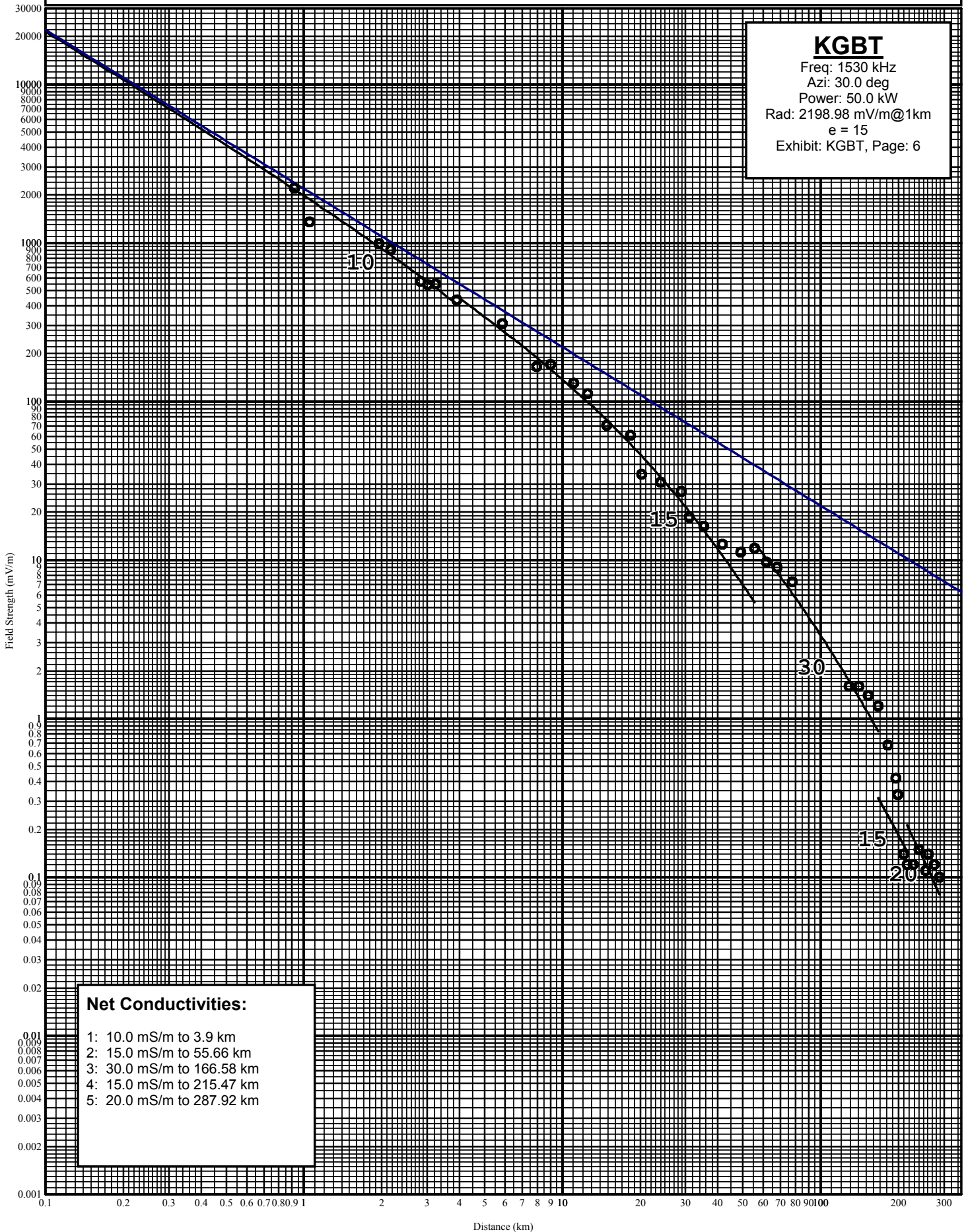
Azi: 30.0 deg

Power: 50.0 kW

Rad: 2198.98 mV/m@1km

e = 15

Exhibit: KGBT, Page: 6





Pro Broadcasting, Inc.  
 Licensee: KYND (AM), 1520 kHz, Cypress, Texas  
 Seeks: Change Antenna Site, Power, Directional System

Exhibit: KGBT, Page: 7

GROUND CONDUCTIVITY REPORT  
 KGBT (AM), 1530 kHz, 50 kW, ND-D  
 Harlingen, Texas

Lat : 26-22-33.0 N  
 Lon : 97-53-43.0 W  
 Radius : 310.0

\* Includes measured conductivity data

0 deg:	5.03,	10.0*	73.70,	15.0*	133.46,	20.0*	184.00,	30.0*
	236.05,	15.0*	289.03,	10.0*	310.29,	15.0		
5 deg:	5.03,	10.0*	73.70,	15.0*	133.46,	20.0*	184.00,	30.0*
	236.05,	15.0*	289.03,	10.0*	309.65,	15.0		
10 deg:	5.03,	10.0*	73.70,	15.0*	133.46,	20.0*	184.00,	30.0*
	236.05,	15.0*	289.03,	10.0*	309.55,	15.0		
15 deg:	5.03,	10.0*	73.70,	15.0*	133.46,	20.0*	184.00,	30.0*
	236.05,	15.0*	289.03,	10.0*	305.18,	30.0	310.08,	15.0
20 deg:	3.90,	10.0*	5.03,	10.0*	55.66,	15.0*	73.70,	15.0*
	133.46,	20.0*	166.58,	30.0*	184.00,	30.0*	215.87,	15.0*
	236.05,	15.0*						
	287.92,	20.0*	289.03,	10.0*	309.89,	30.0		
25 deg:	3.90,	10.0*	55.66,	15.0*	166.58,	30.0*	215.87,	15.0*
	287.92,	20.0*	310.34,	30.0				
30 deg:	3.90,	10.0*	55.66,	15.0*	166.58,	30.0*	215.87,	15.0*
	287.92,	20.0*	288.67,	5000.0	293.10,	30.0	296.32,	5000.0
	309.99,	30.0						
35 deg:	3.90,	10.0*	55.66,	15.0*	166.58,	30.0*	215.87,	15.0*
	287.92,	20.0*	306.86,	5000.0	310.06,	30.0		
40 deg:	3.90,	10.0*	55.66,	15.0*	166.58,	30.0*	215.87,	15.0*
	287.92,	20.0*	310.10,	5000.0				
45 deg:	58.97,	30.0	310.08,	5000.0				
50 deg:	56.46,	30.0	310.02,	5000.0				
55 deg:	54.98,	30.0	310.01,	5000.0				
60 deg:	53.19,	30.0	309.90,	5000.0				
65 deg:	51.39,	30.0	310.32,	5000.0				
70 deg:	49.66,	30.0	309.71,	5000.0				
75 deg:	47.52,	30.0	310.40,	5000.0				
80 deg:	46.73,	30.0	310.09,	5000.0				
85 deg:	46.98,	30.0	309.71,	5000.0				
90 deg:	48.50,	30.0	310.03,	5000.0				
95 deg:	55.36,	30.0	310.19,	5000.0				
100 deg:	57.75,	30.0	310.21,	5000.0				
105 deg:	59.81,	30.0	309.92,	5000.0				
110 deg:	64.18,	30.0	310.35,	5000.0				
115 deg:	67.48,	30.0	310.47,	5000.0				
120 deg:	77.41,	30.0	309.81,	5000.0				