

Readings Presented on KH5XLT
1680 kHz, 0.250 kW ND-D, Stockdale, Texas

The readings presented herein on SFTA station KH5XLT were taken from a test site station established on the KQQB (formerly KHLT) transmitter site at Stockdale, Texas and granted by letter by Commission staff originally on October 20, 2008 and renewed by staff letter (a copy of which follows this note) on November 17, 2014. The station was established as granted in the letter and was operational for a period of less than 60 days during which readings were taken along a number of radials to the northeast, east, southeast, west and northwest. The readings meet the requirements of Section 73.182 establishing the efficiency of the antenna and distances out to just under 135 km. The readings were utilized in determining contours for the KQQB application in 2009 to make changes in its antenna system and again in an application by KYND to make changes in its antenna system. They are utilized once again here in the instant request to make changes in the KQQB antenna system.

**FEDERAL COMMUNICATIONS COMMISSION
445 TWELFTH STREET SW
WASHINGTON DC 20554**

**MEDIA BUREAU
AUDIO DIVISION
APPLICATION STATUS:** (202) 418-2730
HOME PAGE: www.fcc.gov/mb/audio/

ENGINEER: CHARLES N. (NORM) MILLER
TELEPHONE: (202) 418-2767
FACSIMILE: (202) 418-1410
E-MAIL: charles.miller@fcc.gov

November 17, 2008

Matthew Provenzano
Radio Station KHLT
740 Voss Road
Houston, Texas 77024

In re: KHLT(AM), Hallettsville, Texas
Facility Identification Number: 67285
Matthew Provenzano
Request for Special Field Test Authority

Dear Mr. Provenzano:

This is in reference to the request filed October 20, 2008, on behalf of Matthew Provenzano ("MP"), licensee of station KHLT(AM).¹ MP requests special field test authority ("SFTA"), pursuant to 47 CFR §73.1515, for operation of a test transmitter on 1680 kHz. In support of the request, MP states that the proposed field strength measurements are necessary to determine the soil conductivity at a proposed daytime site for Station KHLT.

Our review confirms that no interference to any other station is likely and that the Public Interest would be served by grant of the requested SFTA.

Accordingly, the request for special field test authority IS HEREBY GRANTED. Call sign KH5XLT is assigned to the proposed test station. Station KH5XLT may operate, daytime non-critical hours only, with the following facilities:

Frequency:	1680 kHz
Hours of operation:	Non-critical daytime hours only
Transmitter site:	1.04 km ESE Jct. FM1347 & CR 460; Wilson County, TX.
Geographic coordinates:	29° 11' 41" N, 99° 52' 04" W (NAD 1927)
Operating power:	Not to exceed 0.25 kilowatt
Antenna type:	Temporary tower, nondirectional
Radiator height:	67.5° (33.5 m)
Overall height:	33.5 meters (110')
Ground system	24 radials, each 44.8 m in length
Efficiency	291.0 mV/m/km/kW ²

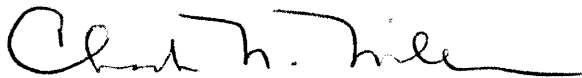
¹ KHLT is licensed for operation on 1520 kHz with 0.25 kW, daytime hours only, employing a nondirectional antenna (ND-D-D).

² Millivolts per meter at one kilometer for one kilowatt input power. It will be necessary to take sufficient close-in

Transmissions shall consist of unmodulated carrier plus hourly station identification announcements. A report detailing the methodology employed and the results obtained must be submitted within sixty days following the conclusion of the experimental operation pursuant to 47 C.F.R. § 73.1515(c)(7). It will be necessary to reduce power or cease operation if complaints of interference are received. It will be necessary to reduce power or cease operation to protect persons having access to the site from radio frequency radiation in excess of FCC guidelines.

This special field test authority expires **January 17, 2009**.

Sincerely,

A handwritten signature in black ink, appearing to read "Charles N. Miller", with a long horizontal flourish extending to the right.

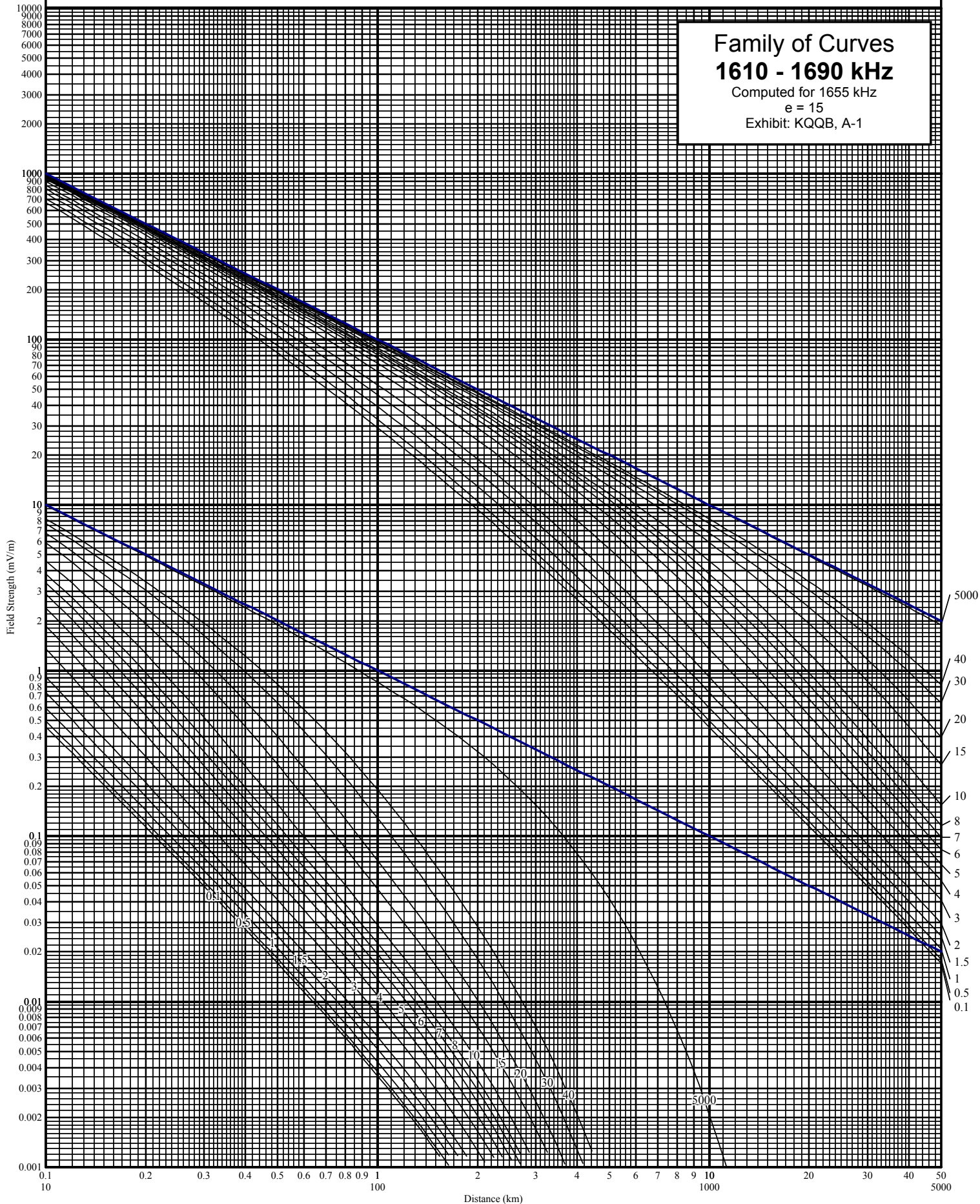
Charles N. Miller, Engineer
Audio Division
Media Bureau

cc: EIC, Houston, TX

field strength measurements to establish the actual efficiency of the test antenna.

Groundwave Field Strength vs. Distance

Inverse Distance Field: 100.0 mV/m@1km
SFTA Site KH5XLT, 1680 kHz, .250 kW, ND-D, Stockdale, Texas



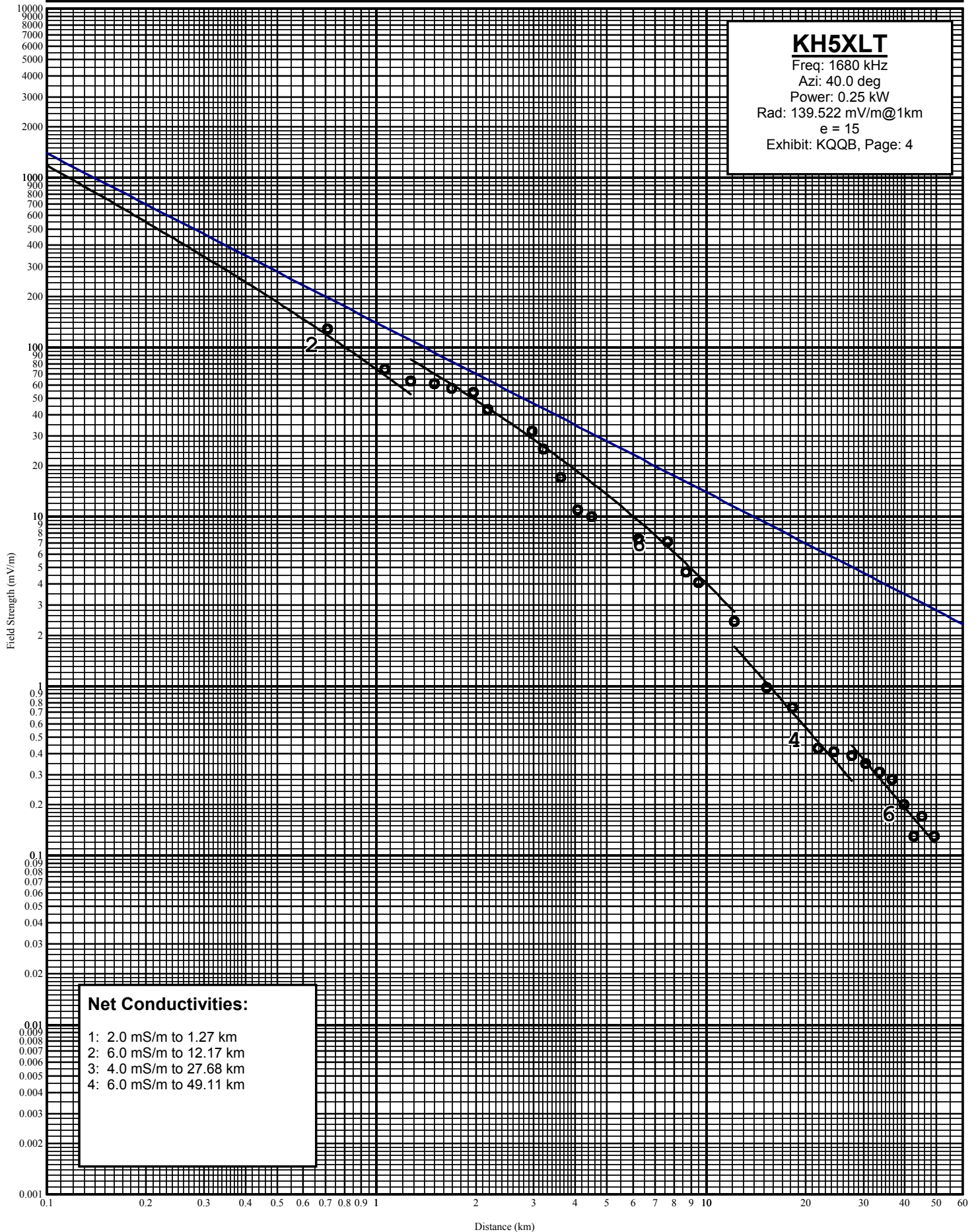
Pro Broadcasting, Inc.
KQQB, Stockdale, Texas
1520 kHz, 2.5 kW, DA-D
Exhibit: KQQB, Page: 1

KQQB, Cypress, Texas
Test Site Readings on SFTA
Station KH5XLT, 1680 kHz, .250 kW, ND-D
Non-Critical Hours Readings
Measurements for 20.0 degrees.

Point Number	Distance (km)	(mi)	Field (mV/m)	Notes	Date	Time
-----	-----	-----	-----	-----	-----	-----
1	0.40	0.25	262.000		12/9/2008	0933
2	0.60	0.37	146.000		12/9/2008	0944
3	0.82	0.51	124.000		12/9/2008	0952
4	1.04	0.65	94.000		12/9/2008	1003
5	1.26	0.78	60.000		12/9/2008	1016
6	1.45	0.90	53.000		12/9/2008	1028
7	1.68	1.04	47.000		12/9/2008	1040
8	2.04	1.27	43.000		12/9/2008	1051
9	2.62	1.63	38.000		12/9/2008	1103
10	3.10	1.93	31.000		12/9/2008	1112
11	3.70	2.30	23.000		12/9/2008	1124
12	4.44	2.76	14.000		12/9/2008	1140
13	5.02	3.12	12.000		12/9/2008	1152
14	5.69	3.54	9.900		12/9/2008	1200
15	6.18	3.84	10.000		12/9/2008	1215
16	7.02	4.36	8.100		12/9/2008	1228
17	8.21	5.10	6.800		12/9/2008	1235
18	9.35	5.81	4.100		12/9/2008	1243
19	11.32	7.03	3.700		12/9/2008	1251
20	13.88	8.62	2.400		12/9/2008	1259
21	16.22	10.08	1.200		12/9/2008	1345
22	19.03	11.82	0.970		12/9/2008	1356
23	21.84	13.57	0.660		12/9/2008	1403
24	24.68	15.34	0.540		12/9/2008	1415
25	27.12	16.85	0.320		12/9/2008	1420
26	30.37	18.87	0.300		12/9/2008	1427
27	33.34	20.72	0.230		12/9/2008	1441
28	36.25	22.52	0.220		12/9/2008	1455
29	39.67	24.65	0.220		12/9/2008	1504
30	43.29	26.90	0.160		12/9/2008	1510
31	46.04	28.61	0.120		12/9/2008	1517
32	49.20	30.57	0.100		12/9/2008	1523
33	53.11	33.00	0.093		12/9/2008	1529

KH5XLT AM Measured Field Strength

Shown With Matching Conductivity Curves



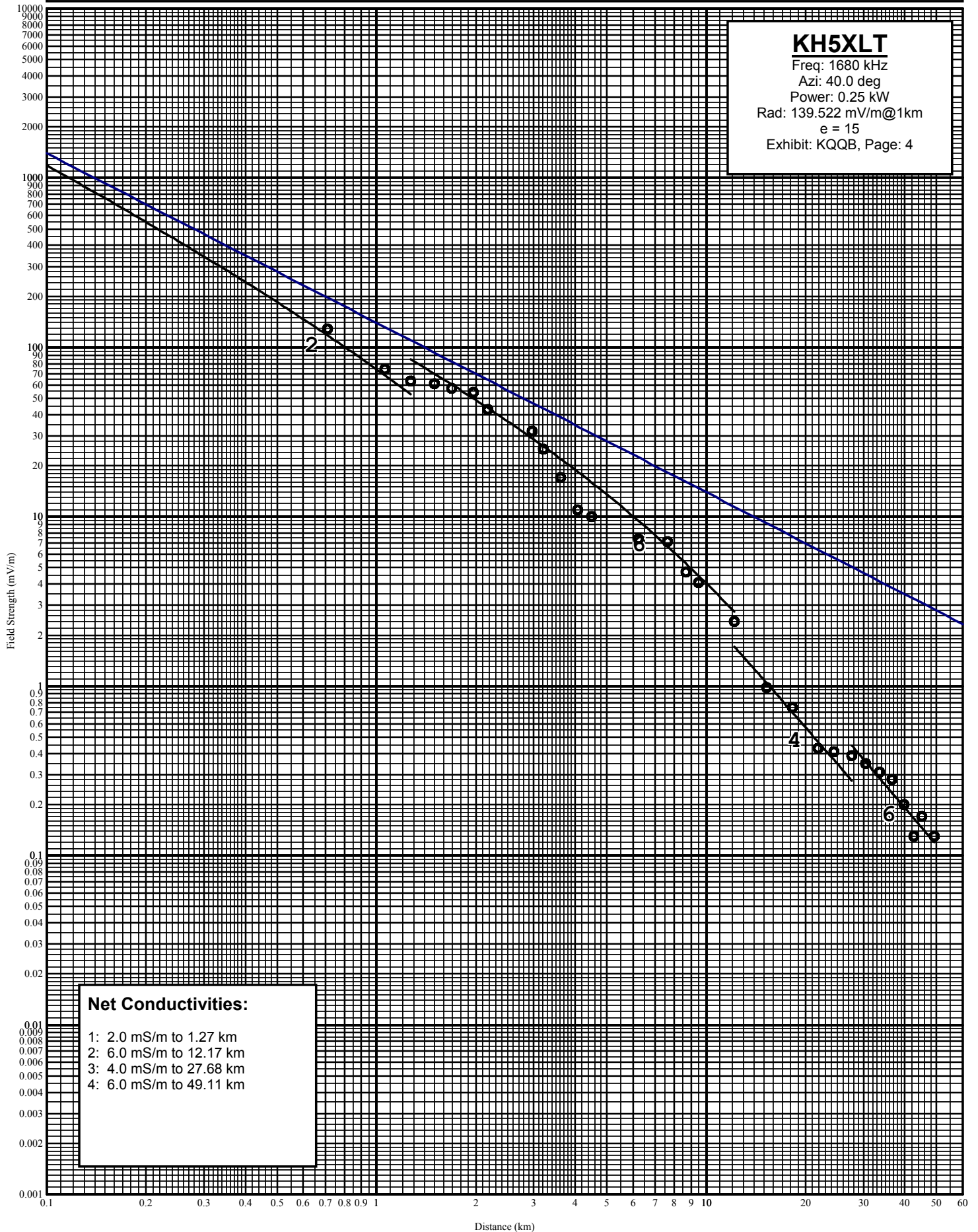
Pro Broadcasting, Inc.
KQQB, Stockdale, Texas
1520 kHz, 2.5 kW, DA-D
Exhibit: KQQB, Page: 3

KQQB, Stockdale, Texas
Test Site Readings on SFTA
Station KH5XLT, 1680 kHz, .250 kW, ND-D
Non-Critical Hours Readings
Measurements for 40.0 degrees.

Point Number	Distance		Field	Notes	Date	Time
-----	(km)	(mi)	(mV/m)	-----	-----	-----
1	0.71	0.44	128.000		12/12/2008	0948
2	1.06	0.66	74.000		12/12/2008	0955
3	1.27	0.79	63.000		12/12/2008	1005
4	1.50	0.93	61.000		12/12/2008	1018
5	1.69	1.05	57.000		12/12/2008	1023
6	1.97	1.22	54.000		12/12/2008	1035
7	2.18	1.35	43.000		12/12/2008	1050
8	2.96	1.84	32.000		12/12/2008	1102
9	3.21	1.99	25.000		12/12/2008	1110
10	3.62	2.25	17.000		12/12/2008	1119
11	4.07	2.53	11.000		12/12/2008	1126
12	4.50	2.80	10.000		12/12/2008	1132
13	6.23	3.87	7.400		12/12/2008	1141
14	7.64	4.75	7.100		12/12/2008	1150
15	8.70	5.41	4.700		12/12/2008	1158
16	9.48	5.89	4.100		12/12/2008	1206
17	12.17	7.56	2.400		12/12/2008	1216
18	15.22	9.46	0.980		12/12/2008	1223
19	18.25	11.34	0.750		12/12/2008	1235
20	21.87	13.59	0.430		12/12/2008	1242
21	24.45	15.19	0.410		12/12/2008	1251
22	27.68	17.20	0.390		12/12/2008	1303
23	30.41	18.90	0.350		12/12/2008	1311
24	33.59	20.87	0.310		12/12/2008	1320
25	36.64	22.77	0.280		12/12/2008	1328
26	39.76	24.71	0.200		12/12/2008	1340
27	42.65	26.50	0.130		12/12/2008	1351
28	45.17	28.07	0.170		12/12/2008	1405
29	49.11	30.52	0.130		12/12/2008	1414

KH5XLT AM Measured Field Strength

Shown With Matching Conductivity Curves



Pro Broadcasting, Inc.
KQQB, Stockdale, Texas
1520 kHz, 2.5 kW, DA-D
Exhibit: KQQB, Page: 5

KQQB, Stockdale, Texas
Test Site Readings on SFTA
Station KH5XLT, 1680 kHz, .250 kW, ND-D
Non-Critical Hours Readings
Measurements for 60.0 degrees.

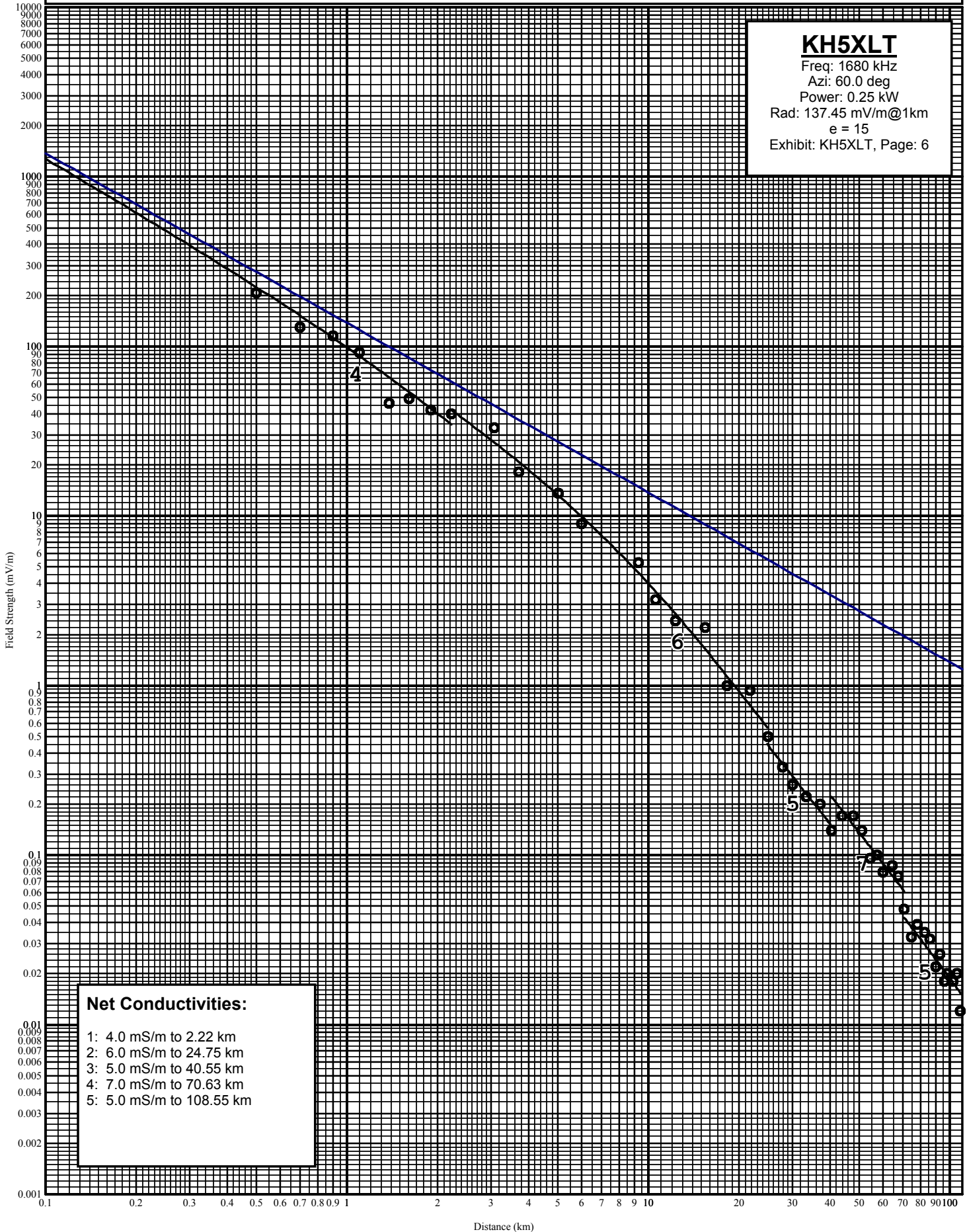
Point Number	Distance		Field	Notes	Date	Time
-----	(km)	(mi)	(mV/m)	-----	-----	-----
1	0.56	0.35	232.000		12/15/2008	0925
2	0.65	0.40	136.000		12/15/2008	0936
3	0.80	0.50	125.000		12/15/2008	0948
4	1.02	0.63	96.000		12/15/2008	0953
5	1.20	0.75	71.000		12/15/2008	1005
6	1.42	0.88	63.000		12/15/2008	1014
7	1.68	1.04	52.000		12/15/2008	1020
8	2.02	1.26	44.000		12/15/2008	1031
9	3.01	1.87	21.000		12/15/2008	1040
10	3.48	2.16	20.000		12/15/2008	1048
11	3.89	2.42	19.000		12/15/2008	1055
12	5.02	3.12	12.000		12/15/2008	1105
13	6.05	3.76	8.400		12/15/2008	1111
14	9.25	5.75	3.700		12/15/2008	1128
15	10.55	6.56	2.200		12/15/2008	1136
16	12.32	7.66	2.000		12/15/2008	1144
17	13.80	8.57	1.200		12/15/2008	1152
18	16.74	10.40	1.300		12/15/2008	1206
19	18.98	11.80	1.200		12/15/2008	1215
20	21.78	13.53	1.000		12/15/2008	1222
21	24.71	15.35	0.840		12/15/2008	1230
22	26.88	16.70	0.620		12/15/2008	1238
23	30.07	18.68	0.390		12/15/2008	1244
24	32.88	20.43	0.360		12/15/2008	1253
25	35.93	22.33	0.260		12/15/2008	1302
26	38.48	23.91	0.180		12/15/2008	1336
27	41.87	26.02	0.120		12/15/2008	1350
28	45.54	28.30	0.100		12/15/2008	1403
29	48.11	29.89	0.130		12/15/2008	1410
30	51.23	31.83	0.093		12/15/2008	1416
31	54.57	33.91	0.067		12/15/2008	1425
32	57.86	35.95	0.065		12/15/2008	1432
33	62.14	38.61	0.057		12/15/2008	1441
34	65.66	40.80	0.055		12/15/2008	1450
35	68.77	42.73	0.048		12/15/2008	1456
36	71.46	44.40	0.042		12/15/2008	1503
37	74.57	46.34	0.039		12/15/2008	1511
38	78.12	48.54	0.036		12/15/2008	1523
39	82.33	51.16	0.035		12/15/2008	1531
40	85.69	53.25	0.032		12/15/2008	1541
41	89.97	55.90	0.029		12/15/2008	1547
42	82.74	51.41	0.026		12/15/2008	1600
43	96.13	59.73	0.027		12/15/2008	1605
44	98.10	60.96	0.020		12/15/2008	1611
45	102.54	63.72	0.018		12/15/2008	1618
46	105.44	65.52	0.020		12/15/2008	1625
47	108.55	67.45	0.018		12/15/2008	1631

KH5XLT AM Measured Field Strength

Shown With Matching Conductivity Curves
1680 kHz, .250 kW, ND-D, Stockdale, Texas

KH5XLT

Freq: 1680 kHz
Azi: 60.0 deg
Power: 0.25 kW
Rad: 137.45 mV/m@1km
e = 15
Exhibit: KH5XLT, Page: 6



Pro Broadcasting, Inc.
 KQQB, Stockdale, Texas
 1520 kHz, 2.5 kW, DA-D
 Exhibit: KQQB, Page: 7

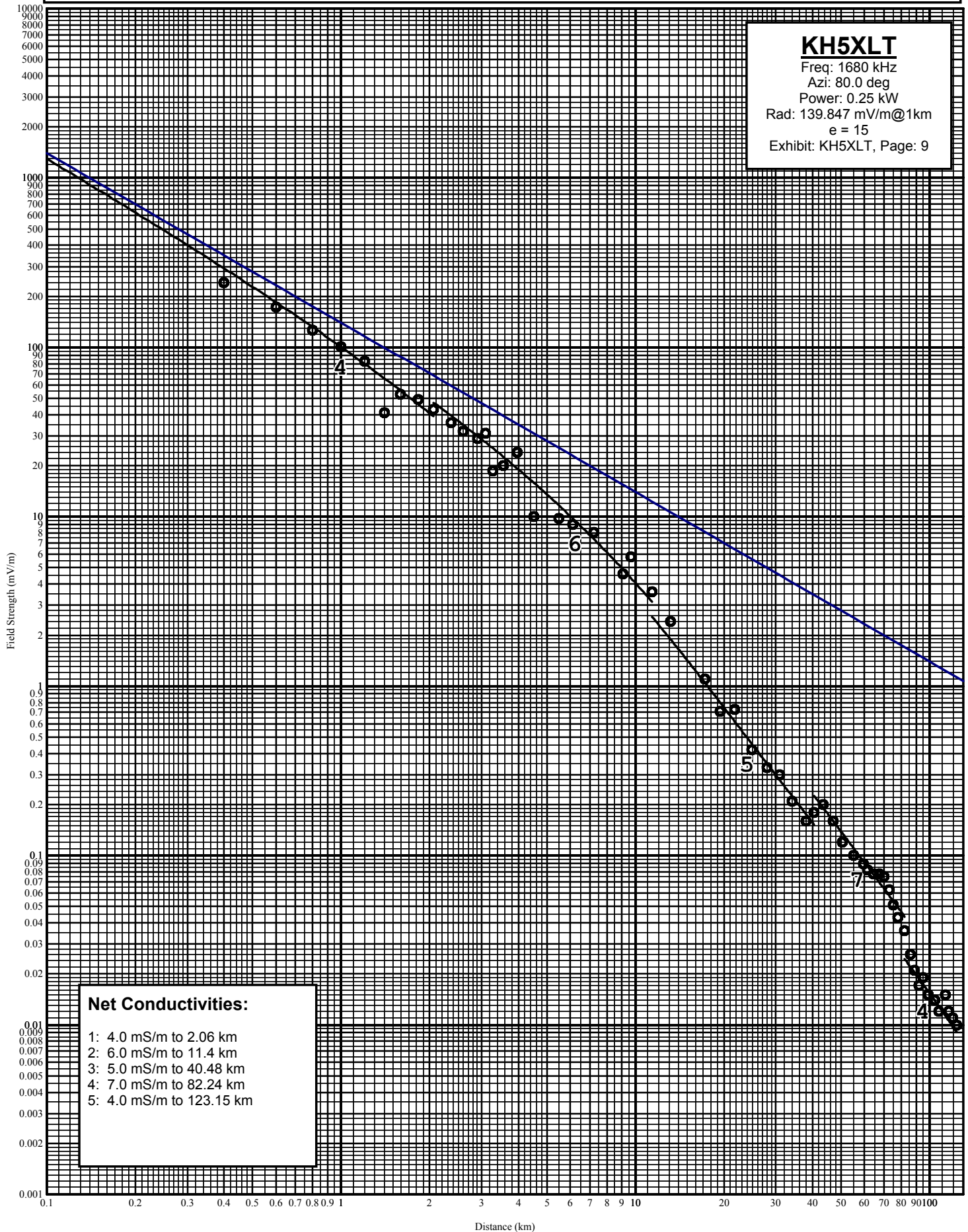
KQQB, Stockdale, Texas
 Test Site Readings on SFTA
 Station KH5XLT, 1680 kHz, .250 kW, ND-D
 Non-Critical Hours Readings
 Measurements for 80.0 degrees.

Point Number	Distance (km)	(mi)	Field (mV/m)	Notes	Date	Time
-----	----	----	-----	-----	-----	-----
1	0.40	0.25	240.000		12/18/2008	0942
2	0.60	0.37	172.000		12/18/2008	0948
3	0.80	0.50	126.000		12/18/2008	0958
4	1.00	0.62	101.000		12/18/2008	1005
5	1.20	0.75	83.000		12/18/2008	1003
6	1.40	0.87	41.000		12/18/2008	1015
7	1.59	0.99	53.000		12/18/2008	1029
8	1.83	1.14	49.000		12/18/2008	1036
9	2.06	1.28	43.000		12/18/2008	1042
10	2.36	1.47	36.000		12/18/2008	1049
11	2.59	1.61	32.000		12/18/2008	1054
12	2.91	1.81	29.000		12/18/2008	1106
13	3.09	1.92	31.000		12/18/2008	1115
14	3.28	2.04	18.600		12/18/2008	1156
15	3.56	2.21	20.000		12/18/2008	1123
16	3.97	2.47	24.000		12/18/2008	1130
17	4.51	2.80	10.000		12/18/2008	1136
18	5.50	3.42	9.800		12/18/2008	1140
19	6.11	3.80	9.000		12/18/2008	1147
20	7.21	4.48	8.100		12/18/2008	1203
21	9.08	5.64	4.600		12/18/2008	1210
22	9.65	6.00	5.800		12/18/2008	1216
23	11.40	7.08	3.600		12/18/2008	1223
24	13.15	8.17	2.400		12/18/2008	1309
25	17.24	10.71	1.100		12/18/2008	1318
26	19.39	12.05	0.710		12/18/2008	1326
27	21.72	13.50	0.730		12/18/2008	1333
28	24.80	15.41	0.420		12/18/2008	1341
29	27.97	17.38	0.330		12/18/2008	1348
30	30.90	19.20	0.300		12/18/2008	1353
31	34.06	21.16	0.210		12/18/2008	1400
32	37.89	23.54	0.160		12/18/2008	1409
33	40.48	25.15	0.180		12/18/2008	1415
34	43.43	26.99	0.200		12/18/2008	1422
35	47.06	29.24	0.160		12/18/2008	1428
36	50.46	31.35	0.120		12/18/2008	1435
37	55.18	34.29	0.100		12/18/2008	1443
38	59.44	36.93	0.089		12/18/2008	1448
39	61.53	38.23	0.082		12/18/2008	1453
40	64.50	40.08	0.078		12/18/2008	1459
41	67.54	41.97	0.078		12/18/2008	1507
42	70.00	43.50	0.075		12/18/2008	1514

43	72.88	45.29	0.063	12/18/2008	1520
44	75.10	46.66	0.051	12/18/2008	1526
45	78.09	48.52	0.043	12/18/2008	1532
46	82.24	51.10	0.036	12/18/2008	1538
47	85.95	53.41	0.026	12/22/2008	1022
48	88.62	55.07	0.021	12/22/2008	1035
49	91.98	57.15	0.017	12/22/2008	1048
50	95.07	59.07	0.019	12/22/2008	1056
51	98.82	61.40	0.015	12/22/2008	1108
52	103.85	64.53	0.014	12/22/2008	1116
53	107.62	66.87	0.012	12/22/2008	1125
54	112.88	70.14	0.015	12/22/2008	1133
55	116.14	72.17	0.012	12/22/2008	1147
56	119.58	74.30	0.011	12/22/2008	1154
57	123.15	76.52	0.010	12/22/2008	1204

KH5XLT AM Measured Field Strength

Shown With Matching Conductivity Curves
1680 kHz, .250 kW, ND-D, Stockdale, Texas



Pro Broadcasting, Inc.
 KQQB, Stockdale, Texas
 1520 kHz, 2.5 kW, DA-D
 Exhibit: KQQB, Page: 10

KQQB, Stockdale, Texas
 Test Site Readings on SFTA
 Station KH5XLT, 1680 kHz, .250 kW, ND-D
 Non-Critical Hours Readings
 Measurements for 100.0 degrees.

Point Number	Distance (km)	(mi)	Field (mV/m)	Notes	Date	Time
-----	-----	-----	-----	-----	-----	-----
1	1.00	0.62	110.000		12/21/2008	0940
2	1.50	0.93	43.000		12/21/2008	0951
3	1.80	1.12	35.000		12/21/2008	0958
4	3.19	1.98	18.000		12/21/2008	1005
5	4.12	2.56	10.000		12/21/2008	1013
6	4.50	2.80	11.000		12/21/2008	1019
7	5.34	3.32	8.600		12/21/2008	1024
8	6.88	4.28	7.300		12/21/2008	1032
9	8.03	4.99	6.400		12/21/2008	1040
10	9.44	5.87	4.400		12/21/2008	1046
11	10.61	6.59	3.200		12/21/2008	1053
12	11.78	7.32	3.500		12/21/2008	1103
13	14.35	8.92	2.300		12/21/2008	1108
14	16.71	10.38	1.200		12/21/2008	1116
15	19.48	12.10	0.920		12/21/2008	1122
16	23.30	14.48	0.540		12/21/2008	1130
17	26.05	16.19	0.620		12/21/2008	1144
18	29.58	18.38	0.460		12/21/2008	1152
19	31.75	19.73	0.270		12/21/2008	1202
20	34.78	21.61	0.310		12/21/2008	1214
21	38.15	23.71	0.270		12/21/2008	1221
22	41.89	26.03	0.220		12/21/2008	1227
23	44.78	27.83	0.150		12/21/2008	1235
24	47.41	29.46	0.130		12/21/2008	1243
25	49.85	30.98	0.150		12/21/2008	1249
26	54.00	33.55	0.100		12/21/2008	1256
27	57.08	35.47	0.097		12/21/2008	1303
28	61.41	38.16	0.082		12/21/2008	1310
29	64.48	40.07	0.076		12/21/2008	1310
30	68.07	42.30	0.070		12/21/2008	1310
31	71.89	44.67	0.064		12/21/2008	1333
32	75.51	46.92	0.061		12/21/2008	1339
33	79.46	49.37	0.052		12/21/2008	1346
34	82.22	51.09	0.043		12/21/2008	1353
35	85.76	53.29	0.041		12/21/2008	1401
36	88.31	54.87	0.029		12/21/2008	1412
37	91.66	56.95	0.026		12/21/2008	1419
38	94.16	58.51	0.022		12/21/2008	1426
39	97.35	60.49	0.021		12/21/2008	1433
40	101.41	63.01	0.020		12/21/2008	1440
41	105.93	65.82	0.018		12/21/2008	1447
42	109.08	67.78	0.015		12/21/2008	1458
43	113.10	70.28	0.012		12/21/2008	1506
44	116.31	72.27	0.014		12/21/2008	1515
45	119.85	74.47	0.011		12/21/2008	1523
46	126.20	78.42	0.010		12/21/2008	1533

KH5XLT AM Measured Field Strength

Shown With Matching Conductivity Curves
1680 kHz, .250 kW, ND-D, Stockdale, Texas

KH5XLT

Freq: 1680 kHz

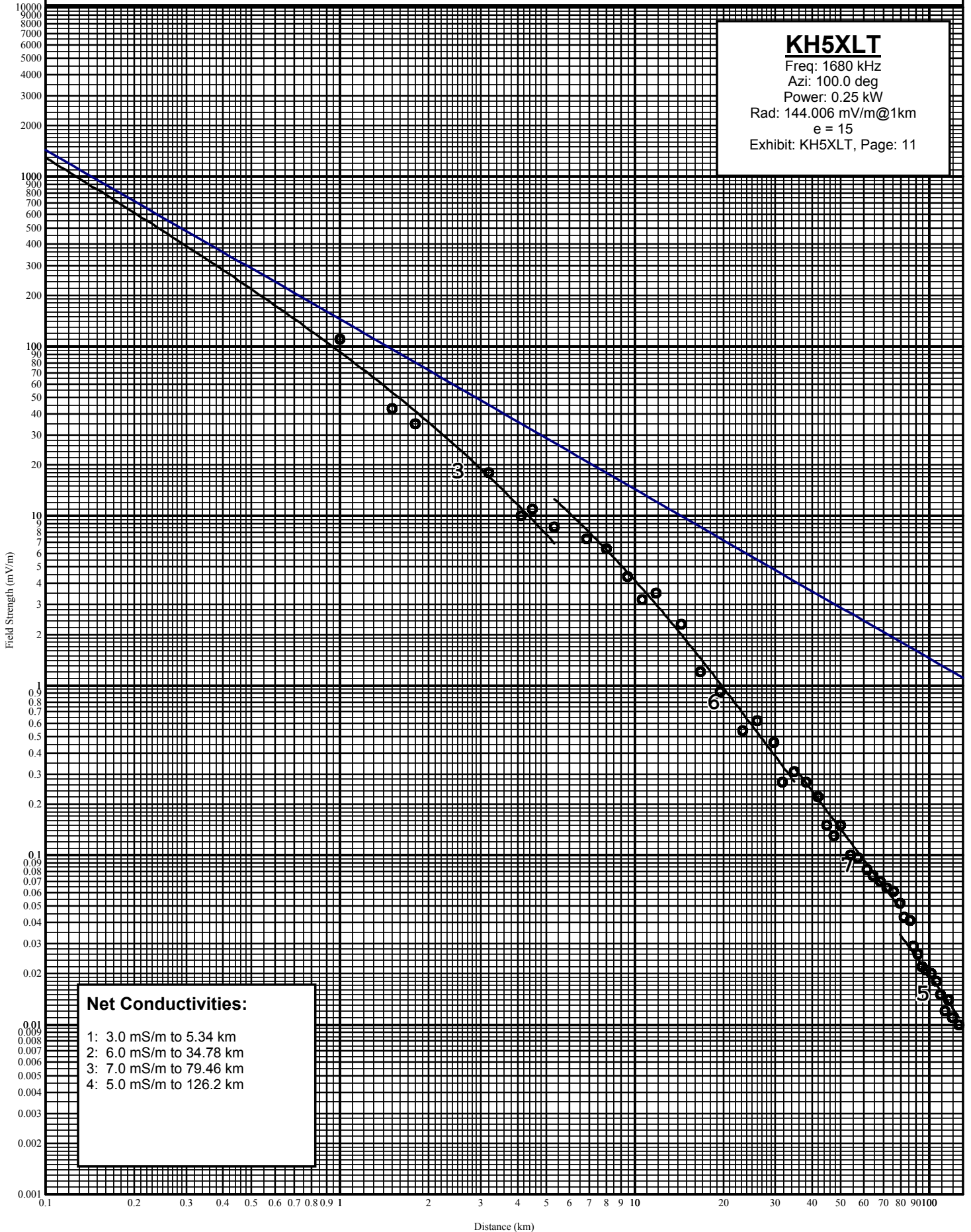
Azi: 100.0 deg

Power: 0.25 kW

Rad: 144.006 mV/m@1km

e = 15

Exhibit: KH5XLT, Page: 11



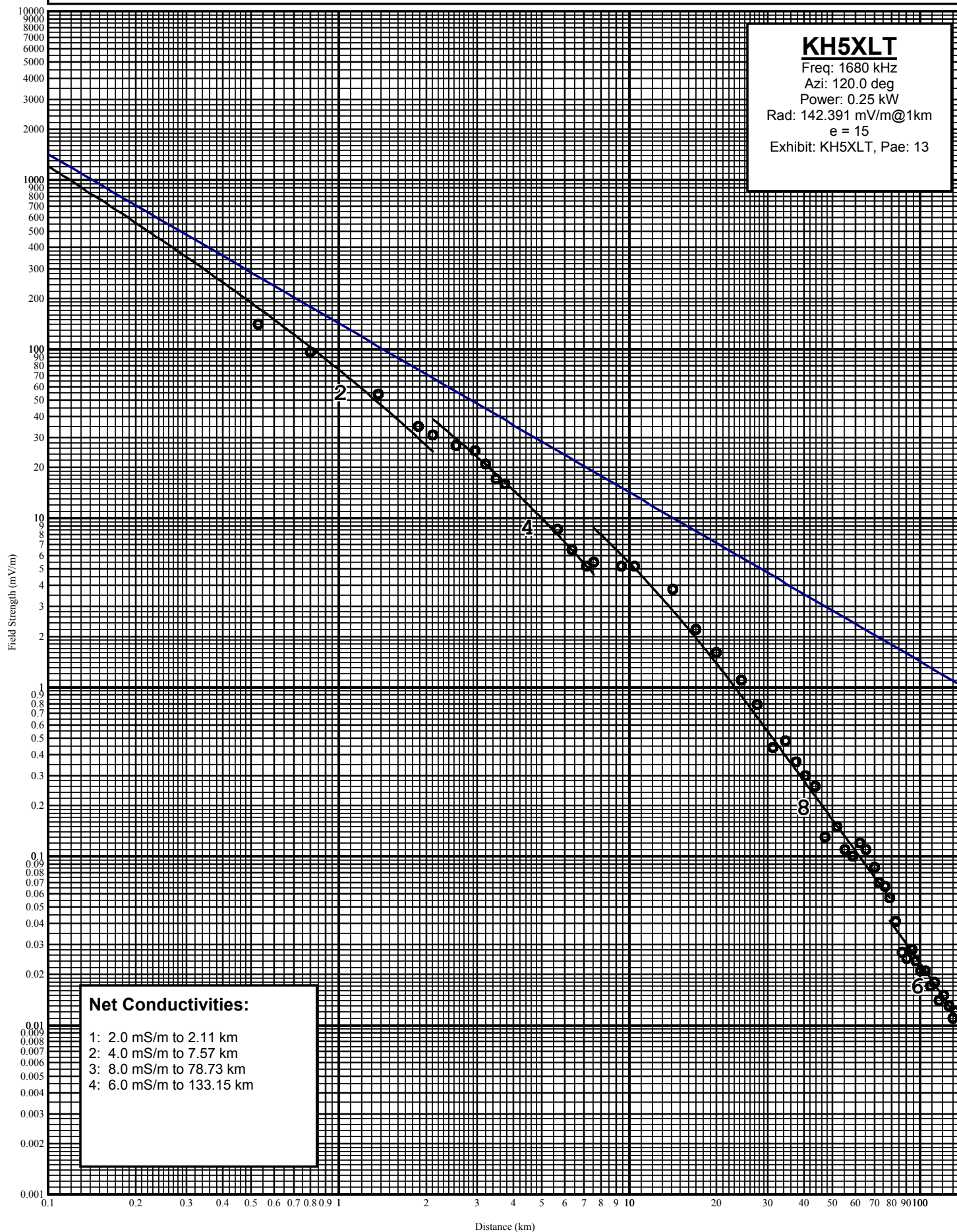
Pro Broadcasting, Inc.
KQQB, Stockdale, Texas
1520 kHz, 2.5 kW, DA-D
Exhibit: KQQB, Page: 12

KQQB, Stockdale, Texas
Test Site Readings on SFTA
Station KH5XLT, 1680 kHz, .250 kW, ND-D
Non-Critical Hours Readings
Measurements for 120.0 degrees.

Point Number	Distance (km) (mi)		Field (mV/m)	Notes	Date	Time
-----	-----	-----	-----	-----	-----	-----
1	0.53	0.33	140.000		12/22/2008	0932
2	0.80	0.50	96.000		12/22/2008	0937
3	1.37	0.85	54.000		12/22/2008	0946
4	1.88	1.17	35.000		12/22/2008	0954
5	2.11	1.31	31.000		12/22/2008	1006
6	2.53	1.57	27.000		12/22/2008	1014
7	2.95	1.83	25.000		12/22/2008	1019
8	3.21	1.99	21.000		12/22/2008	1026
9	3.49	2.17	17.000		12/22/2008	1034
10	3.74	2.32	16.000		12/22/2008	1045
11	5.68	3.53	8.600		12/22/2008	1052
12	6.36	3.95	6.500		12/22/2008	1101
13	7.12	4.42	5.200		12/22/2008	1108
14	7.57	4.70	5.500		12/22/2008	1115
15	9.42	5.85	5.200		12/22/2008	1122
16	10.46	6.50	5.200		12/22/2008	1122
17	14.15	8.79	3.800		12/22/2008	1130
18	16.99	10.56	2.200		12/22/2008	1148
19	19.91	12.37	1.600		12/22/2008	1156
20	24.33	15.12	1.100		12/22/2008	1206
21	27.56	17.12	0.790		12/22/2008	1212
22	31.34	19.47	0.440		12/22/2008	1230
23	34.52	21.45	0.480		12/22/2008	1230
24	37.61	23.37	0.360		12/22/2008	1238
25	40.47	25.15	0.300		12/22/2008	1246
26	43.75	27.18	0.260		12/22/2008	1340
27	47.20	29.33	0.130		12/22/2008	1347
28	51.79	32.18	0.150		12/22/2008	1356
29	55.12	34.25	0.110		12/22/2008	1405
30	58.96	36.64	0.100		12/22/2008	1412
31	62.44	38.80	0.120		12/22/2008	1419
32	65.28	40.56	0.110		12/22/2008	1429
33	69.95	43.46	0.086		12/22/2008	1436
34	72.48	45.04	0.070		12/22/2008	1444
35	76.15	47.32	0.066		12/22/2008	1451
36	78.73	48.92	0.057		12/22/2008	1500
37	82.77	51.43	0.041		12/23/2008	0936
38	86.98	54.05	0.027		12/23/2008	0944
39	90.37	56.15	0.025		12/23/2008	0953
40	94.05	58.44	0.028		12/23/2008	1005
41	97.08	60.32	0.024		12/23/2008	1018
42	100.65	62.54	0.021		12/23/2008	1032
43	104.43	64.89	0.021		12/23/2008	1040
44	108.81	67.61	0.017		12/23/2008	1052
45	112.62	69.98	0.018		12/23/2008	1101
46	116.39	72.32	0.014		12/23/2008	1112
47	121.22	75.32	0.015		12/23/2008	1124
48	126.41	78.55	0.013		12/23/2008	1136
49	130.39	81.02	0.011		12/23/2008	1145
50	133.15	82.74	0.012		12/23/2008	1155

KH5XLT AM Measured Field Strength

Shown With Matching Conductivity Curves
1680 kHz, .250 Watts, ND-D, Stockdale, Texas



Pro Broadcasting, Inc.
 KQQB, Stockdale, Texas
 1520 kHz, 2.5 kW, DA-D
 Exhibit: KQQB, Page: 14

KQQB, Stockdale, Texas
 Test Site Readings on SFTA
 Station KH5XLT, 1680 kHz, .250 kW, ND-D
 Non-Critical Hours Readings
 Measurements for 140.0 degrees.

Point Number	Distance		Field	Notes	Date	Time
-----	(km)	(mi)	(mV/m)	-----	-----	-----
1	0.26	0.16	530.000		12/16/2008	1454
2	0.42	0.26	288.000		12/16/2008	1445
3	0.65	0.40	151.000		12/16/2008	1432
4	0.77	0.48	145.000		12/16/2008	1431
5	1.33	0.83	81.000		12/16/2008	1423
6	2.15	1.34	33.000		12/16/2008	1425
7	2.63	1.63	32.000		12/16/2008	1415
8	3.04	1.89	27.000		12/16/2008	1404
9	4.00	2.49	16.200		12/16/2008	1355
10	5.41	3.36	14.600		12/16/2008	1346
11	6.52	4.05	7.700		12/16/2008	1250
12	7.38	4.59	5.400		12/16/2008	1244
13	8.36	5.19	6.700		12/16/2008	1234
14	9.79	6.08	4.300		12/16/2008	1227
15	12.35	7.67	2.200		12/16/2008	1219
16	14.55	9.04	2.000		12/16/2008	1208
17	17.34	10.77	1.600		12/16/2008	1155
18	20.73	12.88	0.840		12/16/2008	1148
19	23.24	14.44	0.560		12/16/2008	1140
20	26.21	16.29	0.510		12/16/2008	1123
21	30.19	18.76	0.490		12/16/2008	1110
22	23.40	14.54	0.380		12/16/2008	1106
23	36.56	22.72	0.170		12/16/2008	1057
24	42.30	26.28	0.150		12/16/2008	1041
25	46.76	29.06	0.130		12/16/2008	1034
26	49.90	31.01	0.130		12/16/2008	1022
27	53.05	32.96	0.110		12/16/2008	1009
28	56.33	35.00	0.100		12/16/2008	0959
29	59.93	37.24	0.037		12/16/2008	0952
30	64.51	40.08	0.072		12/16/2008	0941
31	69.43	43.14	0.049		12/16/2008	0931
32	72.46	45.02	0.054		12/16/2008	0922
33	75.65	47.01	0.042		12/16/2008	0914
34	78.25	48.62	0.033		12/23/2008	1458
35	81.56	50.68	0.031		12/23/2008	1450
36	85.51	53.13	0.030		12/23/2008	1436
37	93.48	58.09	0.027		12/23/2008	1425
38	98.45	61.17	0.025		12/23/2008	1412
39	101.33	62.96	0.022		12/23/2008	1404
40	106.09	65.92	0.016		12/23/2008	1356
41	109.73	68.18	0.015		12/23/2008	1348
42	115.08	71.51	0.012		12/23/2008	1340
43	119.55	74.28	0.010		12/23/2008	1326
44	123.61	76.81	0.012		12/23/2008	1318
45	127.03	78.93	0.011		12/23/2008	1304

KH5XLT AM Measured Field Strength

Shown With Matching Conductivity Curves
1680 kHz, .250 kW, ND-D, Stockdale, Texas

KH5XLT

Freq: 1680 kHz

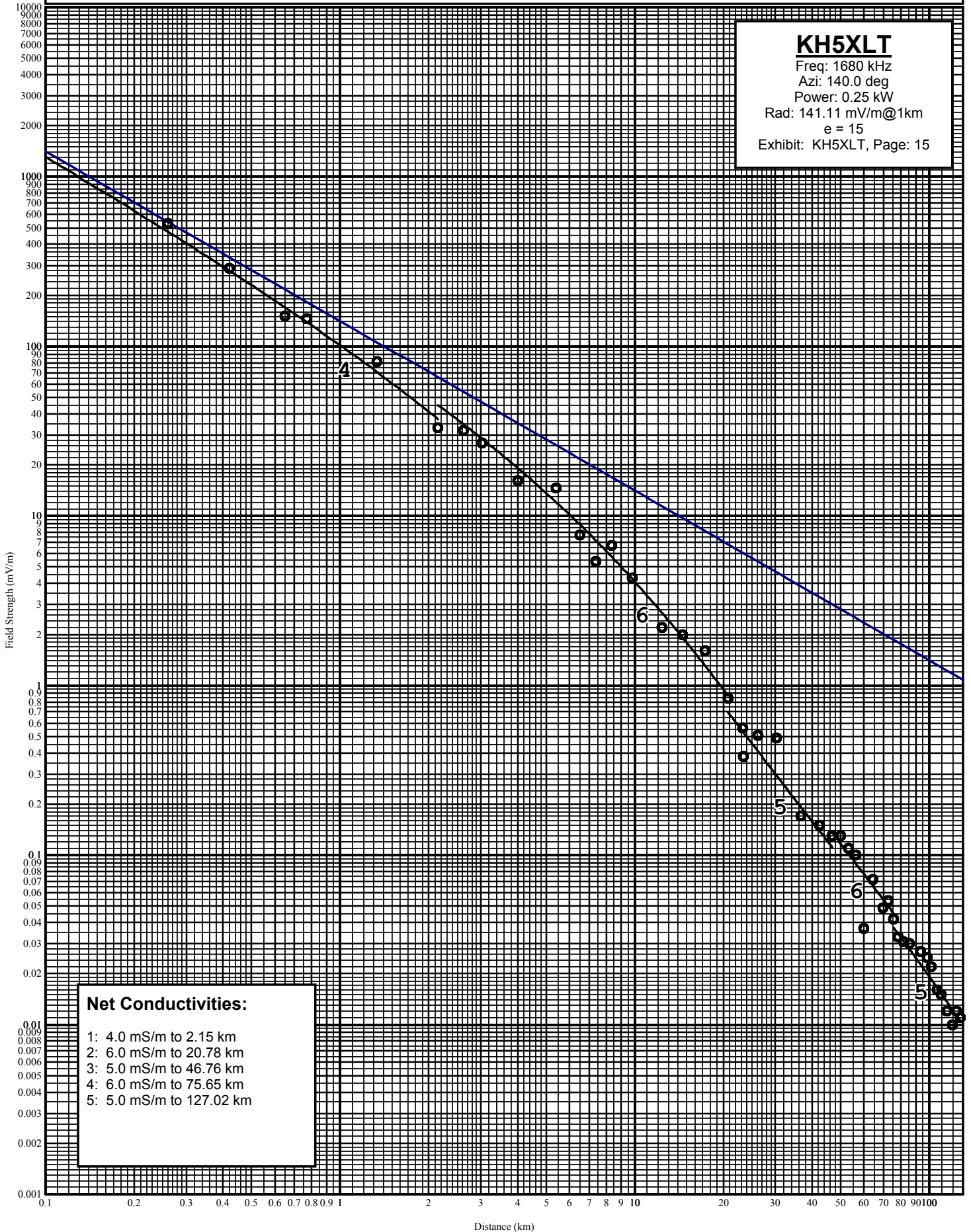
Azi: 140.0 deg

Power: 0.25 kW

Rad: 141.11 mV/m@1km

e = 15

Exhibit: KH5XLT, Page: 15



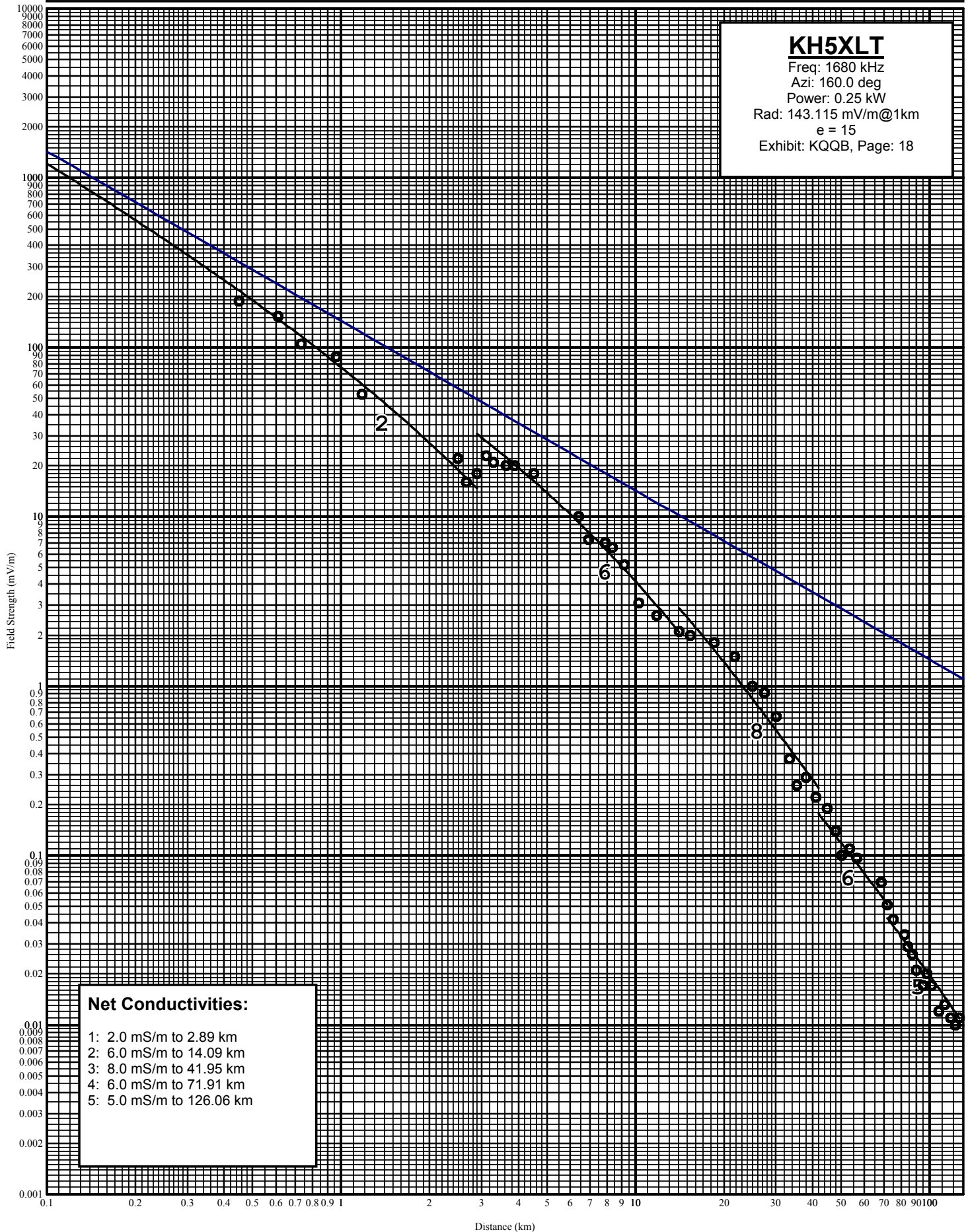
Pro Broadcasting, Inc.
KQOB, Stockdale, Texas
1520 kHz, 2.5 kW, DA-D
Exhibit: KQOB, Page: 16

KQOB, Stockdale, Texas
Test Site Readings on SFTA
Station KH5XLT, 1680 kHz, .250 kW, ND-D
Non-Critical Hours Readings
Measurements for 160.0 degrees.

Point Number	Distance (km)	(mi)	Field (mV/m)	Notes	Date	Time
-----	-----	-----	-----	-----	-----	-----
1	0.45	0.28	188.000		12/27/2008	0927
2	0.61	0.38	152.000		12/27/2008	0935
3	0.73	0.45	104.000		12/27/2008	0947
4	0.96	0.60	88.000		12/27/2008	0955
5	1.18	0.73	53.000		12/27/2008	1007
6	2.49	1.55	22.000		12/27/2008	1026
7	2.67	1.66	16.000		12/27/2008	1033
8	2.89	1.80	18.000		12/27/2008	1047
9	3.11	1.93	23.000		12/27/2008	1056
10	3.29	2.04	21.000		12/27/2008	1105
11	3.64	2.26	20.000		12/27/2008	1114
12	3.89	2.42	20.000		12/27/2008	1123
13	4.52	2.81	18.000		12/27/2008	1132
14	6.41	3.98	10.000		12/27/2008	1145
15	6.93	4.31	7.300		12/27/2008	1152
16	7.89	4.90	7.000		12/27/2008	1202
17	8.35	5.19	6.600		12/27/2008	1210
18	9.15	5.69	5.200		12/27/2008	1217
19	10.27	6.38	3.100		12/27/2008	1225
20	11.79	7.33	2.600		12/27/2008	1233
21	14.09	8.76	2.100		12/27/2008	1241
22	15.41	9.58	2.000		12/27/2008	1250
23	18.48	11.48	1.800		12/27/2008	1300
24	21.73	13.50	1.500		12/27/2008	1309
25	25.01	15.54	1.000		12/27/2008	1311
26	27.49	17.08	0.910		12/27/2008	1322
27	30.05	18.67	0.660		12/27/2008	1329
28	33.35	20.72	0.370		12/27/2008	1341
29	35.29	21.93	0.260		12/27/2008	1350
30	38.03	23.63	0.290		12/27/2008	1358
31	41.15	25.57	0.220		12/27/2008	1404
32	44.91	27.91	0.190		12/27/2008	1412
33	47.95	29.79	0.140		12/27/2008	1421
34	53.42	33.19	0.110		12/27/2008	1431
35	56.60	35.17	0.097		12/27/2008	1440
36	50.34	31.28	0.100		12/27/2008	1448
37	68.63	42.64	0.069		12/27/2008	1454
38	71.91	44.68	0.051		12/27/2008	1454
39	75.17	46.71	0.042		12/27/2008	1506
40	81.89	50.88	0.034		12/27/2008	1512
41	84.39	52.44	0.029		12/27/2008	1522
42	87.42	54.32	0.026		12/27/2008	1530

KH5XLT AM Measured Field Strength

Shown With Matching Conductivity Curves



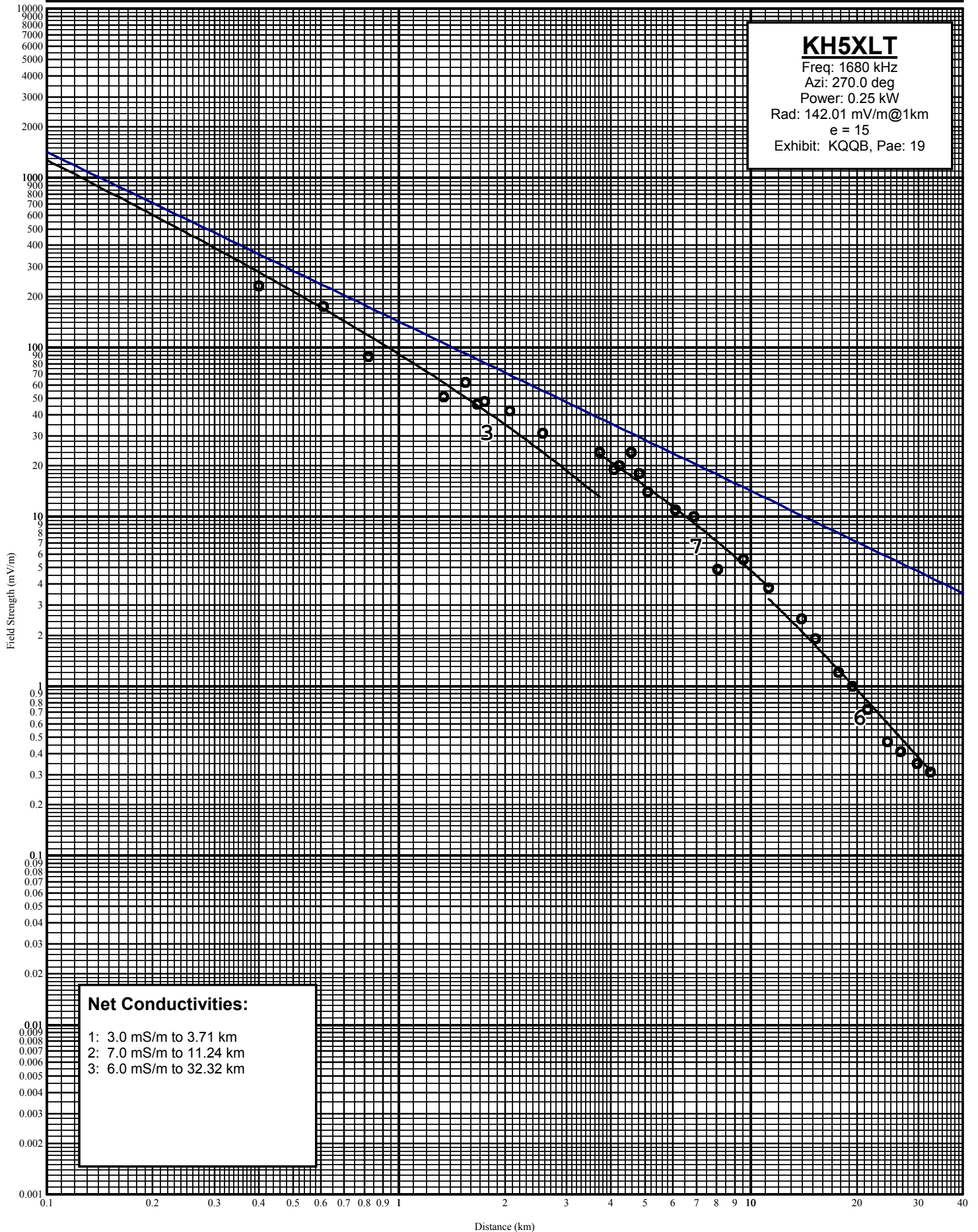
Pro Broadcasting, Inc.
KQQB, Stockdale, Texas
1520 kHz, 2.5 kW, DA-D
Exhibit: KQQB, Page: 20

KQQB, Stockdale, Texas
Test Site Readings on SFTA
Station KH5XLT, 1680 kHz, .250 kW, ND-D
Non-Critical Hours Readings
Measurements for 270.0 degrees.

Point Number	Distance		Field	Notes	Date	Time
-----	(km)	(mi)	(mV/m)	-----	-----	-----
1	0.40	0.25	230.000		12/19/2008	1006
2	0.61	0.38	175.000		12/19/2008	1012
3	0.82	0.51	88.000		12/19/2008	1018
4	1.34	0.83	51.000		12/19/2008	1025
5	1.55	0.96	62.000		12/19/2008	1040
6	1.67	1.04	46.000		12/19/2008	1046
7	1.75	1.09	48.000		12/19/2008	1053
8	2.07	1.29	42.000		12/19/2008	1102
9	2.56	1.59	31.000		12/19/2008	1110
10	3.71	2.31	24.000		12/19/2008	1117
11	4.09	2.54	19.000		12/19/2008	1126
12	4.24	2.63	20.000		12/19/2008	1131
13	4.57	2.84	24.000		12/19/2008	1136
14	4.82	3.00	18.000		12/19/2008	1142
15	5.10	3.17	14.000		12/19/2008	1151
16	6.12	3.80	11.000		12/19/2008	1202
17	6.90	4.29	10.000		12/19/2008	1216
18	8.06	5.01	4.900		12/19/2008	1224
19	9.52	5.92	5.600		12/19/2008	1231
20	11.24	6.98	3.800		12/19/2008	1242
21	13.94	8.66	2.500		12/19/2008	1250
22	15.27	9.49	1.900		12/19/2008	1256
23	17.75	11.03	1.200		12/19/2008	1304
24	19.46	12.09	1.000		12/19/2008	1310
25	21.47	13.34	0.730		12/19/2008	1317
26	24.45	15.19	0.470		12/19/2008	1327
27	26.68	16.58	0.410		12/19/2008	1340
28	29.64	18.42	0.350		12/19/2008	1345
29	32.32	20.08	0.310		12/19/2008	1353

KH5XLT AM Measured Field Strength

Shown With Matching Conductivity Curves
KH5XLT 1680 kHz, .250 kW, ND-D, Stockdale, Texas



Pro Broadcasting, Inc.
KQQB, Stockdale, Texas
1520 kHz, 2.5 kW, DA-D
Exhibit: KQQB, Page: 22

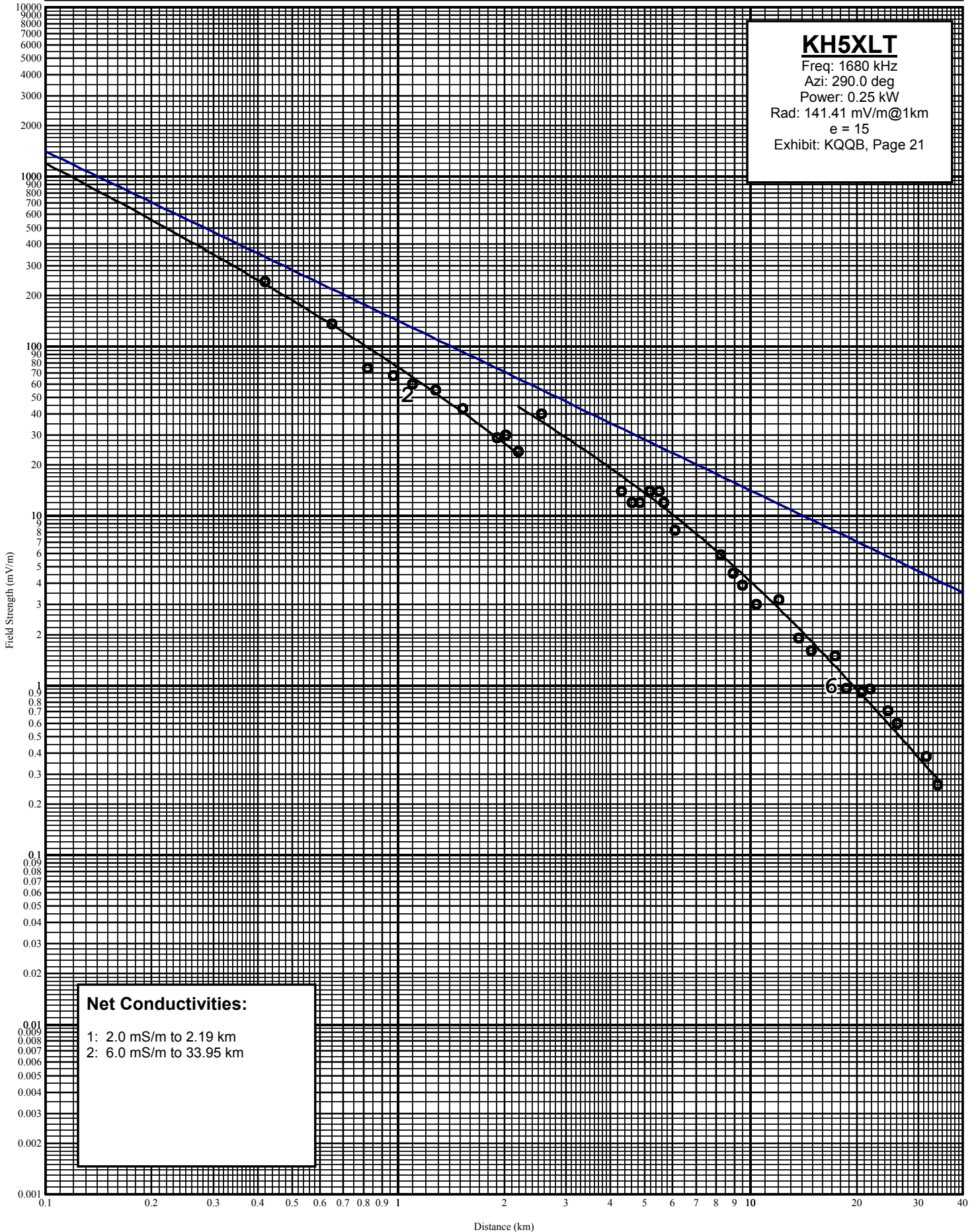
KQQB, Stockdale, Texas
Test Site Readings on SFTA
Station KH5XLT, 1680 kHz, .250 kW, ND-D
Non-Critical Hours Readings
Measurements for 290.0 degrees.

Point Number	Distance		Field	Notes	Date	Time
-----	(km)	(mi)	(mV/m)	-----	-----	-----
1	0.40	0.25	230.000		12/19/2008	1006
2	0.61	0.38	175.000		12/19/2008	1012
3	0.82	0.51	88.000		12/19/2008	1018
4	1.34	0.83	51.000		12/19/2008	1025
5	1.55	0.96	62.000		12/19/2008	1040
6	1.67	1.04	46.000		12/19/2008	1046
7	1.75	1.09	48.000		12/19/2008	1053
8	2.07	1.29	42.000		12/19/2008	1102
9	2.56	1.59	31.000		12/19/2008	1110
10	3.71	2.31	24.000		12/19/2008	1117
11	4.09	2.54	19.000		12/19/2008	1126
12	4.24	2.63	20.000		12/19/2008	1131
13	4.57	2.84	24.000		12/19/2008	1136
14	4.82	3.00	18.000		12/19/2008	1142
15	5.10	3.17	14.000		12/19/2008	1151
16	6.12	3.80	11.000		12/19/2008	1202
17	6.90	4.29	10.000		12/19/2008	1216
18	8.06	5.01	4.900		12/19/2008	1224
19	9.52	5.92	5.600		12/19/2008	1231
20	11.24	6.98	3.800		12/19/2008	1242
21	13.94	8.66	2.500		12/19/2008	1250
22	15.27	9.49	1.900		12/19/2008	1256
23	17.75	11.03	1.200		12/19/2008	1304
24	19.46	12.09	1.000		12/19/2008	1310
25	21.47	13.34	0.730		12/19/2008	1317
26	24.45	15.19	0.470		12/19/2008	1327
27	26.68	16.58	0.410		12/19/2008	1340
28	29.64	18.42	0.350		12/19/2008	1345
29	32.32	20.08	0.310		12/19/2008	1353

KH5XLT AM Measured Field Strength

Shown With Matching Conductivity Curves

KH5XLT (AM) 1680 kHz, .250 kW, ND-D, Stockdale, Texas



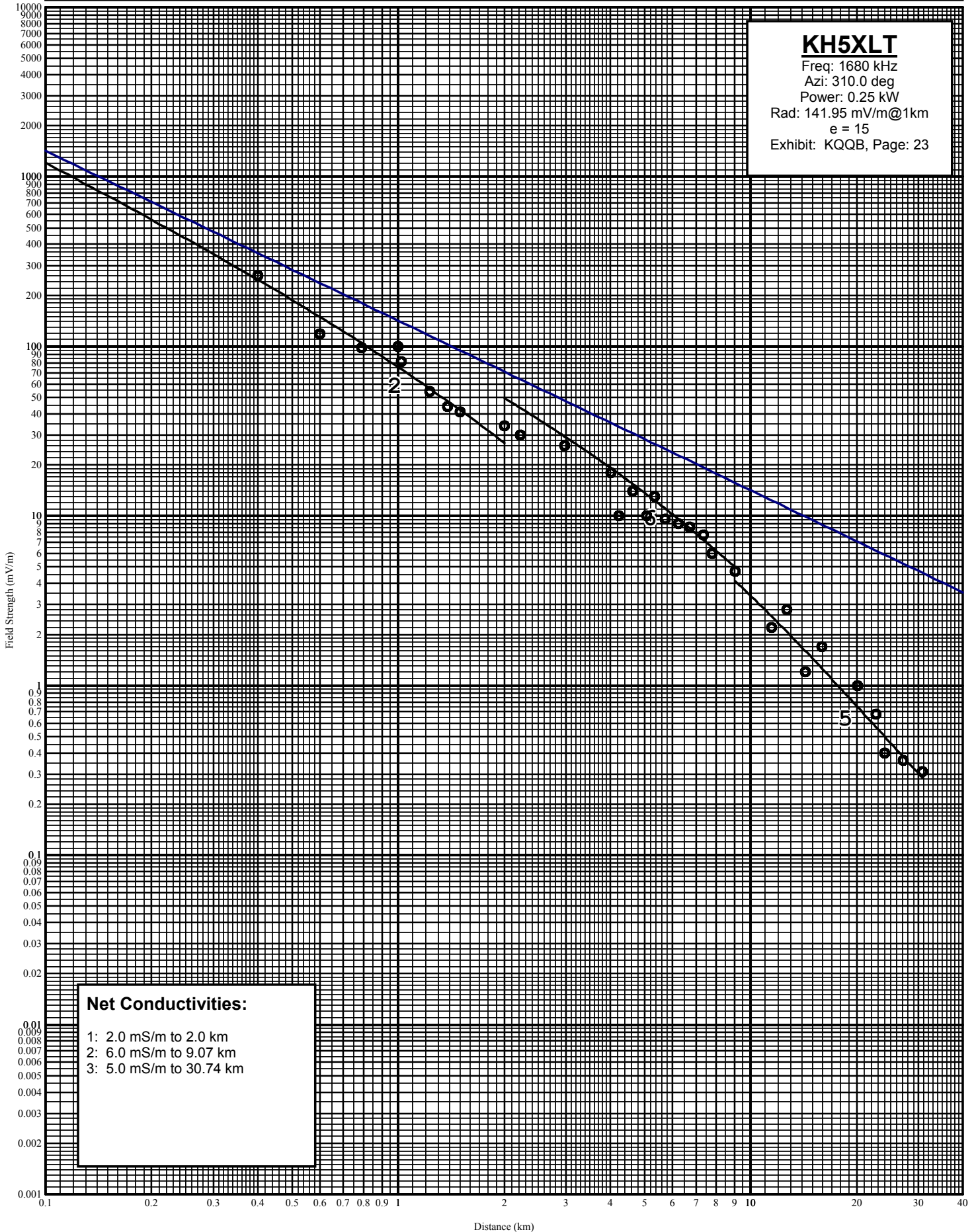
Pro Broadcasting, Inc.
KQQB, Stockdale, Texas
1520 kHz, 2.5 kW, DA-D
Exhibit: KQQB, Page: 24

KQQB, Stockdale, Texas
Test Site Readings on SFTA
Station KH5XLT, 1680 kHz, .250 kW, ND-D
Non-Critical Hours Readings
Measurements for 310.0 degrees.

Point Number	Distance (km) (mi)		Field (mV/m)	Notes	Date	Time
-----	----	----	-----	-----	-----	-----
1	1.00	0.62	100.000		12/20/2008	1200
2	0.40	0.25	260.000		12/20/2008	1540
3	0.60	0.37	118.000		12/20/2008	1532
4	0.79	0.49	98.000		12/20/2008	1526
5	1.02	0.63	81.000		12/20/2008	1522
6	1.23	0.76	54.000		12/20/2008	1516
7	1.38	0.86	44.000		12/20/2008	1511
8	1.50	0.93	41.000		12/20/2008	1505
9	2.00	1.24	34.000		12/20/2008	1500
10	2.22	1.38	30.000		12/20/2008	1456
11	2.97	1.85	26.000		12/20/2008	1451
12	4.01	2.49	18.000		12/20/2008	1445
13	4.23	2.63	10.000		12/20/2008	1440
14	4.64	2.88	14.000		12/20/2008	1434
15	5.08	3.16	10.000		12/20/2008	1429
16	5.35	3.32	13.000		12/20/2008	1423
17	5.73	3.56	9.600		12/20/2008	1417
18	6.25	3.88	9.000		12/20/2008	1410
19	6.71	4.17	8.600		12/20/2008	1404
20	7.37	4.58	7.700		12/20/2008	1358
21	7.78	4.83	6.000		12/20/2008	1352
22	9.07	5.64	4.700		12/20/2008	1349
23	11.49	7.14	2.200		12/20/2008	1344
24	12.67	7.87	2.800		12/20/2008	1338
25	14.33	8.90	1.200		12/20/2008	1331
26	15.97	9.92	1.700		12/20/2008	1326
27	20.10	12.49	1.000		12/20/2008	1312
28	22.69	14.10	0.680		12/20/2008	1306
29	24.00	14.91	0.400		12/20/2008	1301
30	27.06	16.81	0.360		12/20/2008	1254
31	30.74	19.10	0.310		12/20/2008	1249

KH5XLT AM Measured Field Strength

Shown With Matching Conductivity Curves
KH5XLT (AM) 1680 kHz, .250 kW, ND-D, Stockdale, Texas



Pro Broadcasting, Inc.
 KQQB, Stockdale, Texas
 1520 kHz, 2.5 kW, DA-D
 Exhibit: KQQB, Page: 7

KQQB, Stockdale, Texas
 1520 kHz, Stockdale, Texas
 GROUND CONDUCTIVITY REPORT
 Including Measurements from
 SFTA Site KH5XLT

Lat : 29-11-35.0 N
 Lon : 97-52-00.0 W
 Radius : 300.0

* Includes measured conductivity data

0 deg:	98.05,	15.0	227.76,	8.0	300.03,	15.0		
5 deg:	121.67,	15.0	220.27,	8.0	300.26,	15.0		
10 deg:	1.68,	3.0*	19.03,	6.0*	53.11,	5.0*	138.16,	15.0
	219.12,	30.0	300.06,	15.0				
15 deg:	1.68,	3.0*	19.03,	6.0*	53.11,	5.0*	144.76,	15.0
	250.41,	30.0	300.42,	15.0				
20 deg:	1.68,	3.0*	19.03,	6.0*	53.11,	5.0*	159.58,	15.0
	256.59,	30.0	300.03,	15.0				
25 deg:	1.68,	3.0*	19.03,	6.0*	53.11,	5.0*	191.14,	15.0
	191.48,	30.0	194.33,	15.0	239.34,	30.0	300.25,	15.0
30 deg:	1.27,	2.0*	1.68,	3.0*	12.17,	6.0*	19.03,	6.0*
	27.68,	4.0*	49.11,	6.0*	53.11,	5.0*	226.50,	15.0
	299.68,	4.0						
35 deg:	1.27,	2.0*	12.17,	6.0*	27.68,	4.0*	49.11,	6.0*
	216.63,	15.0	300.26,	4.0				
40 deg:	1.27,	2.0*	12.17,	6.0*	27.68,	4.0*	49.11,	6.0*
	209.20,	15.0	299.53,	4.0				
45 deg:	1.27,	2.0*	12.17,	6.0*	27.68,	4.0*	49.11,	6.0*
	205.51,	15.0	299.88,	4.0				
50 deg:	1.27,	2.0*	2.22,	4.0*	12.17,	6.0*	24.75,	6.0*
	27.68,	4.0*	40.55,	5.0*	49.11,	6.0*	70.63,	7.0*
	108.55,	5.0*	204.61,	15.0	300.12,	4.0		
55 deg:	2.22,	4.0*	24.75,	6.0*	40.55,	5.0*	70.63,	7.0*
	108.55,	5.0*	205.29,	15.0	300.35,	4.0		
60 deg:	2.22,	4.0*	24.75,	6.0*	40.55,	5.0*	70.63,	7.0*
	108.55,	5.0*	214.94,	15.0	215.64,	4.0	221.19,	15.0
	221.89,	4.0	223.04,	15.0	300.44,	4.0		
65 deg:	2.22,	4.0*	24.75,	6.0*	40.55,	5.0*	70.63,	7.0*
	108.55,	5.0*	256.55,	15.0	297.33,	4.0	299.90,	8.0
70 deg:	2.06,	4.0*	2.22,	4.0*	11.40,	6.0*	24.75,	6.0*
	40.48,	5.0*	40.55,	5.0*	70.63,	7.0*	82.24,	7.0*
	108.55,	5.0*	123.16,	4.0*	287.65,	15.0	300.23,	30.0
75 deg:	2.06,	4.0*	11.40,	6.0*	40.48,	5.0*	82.24,	7.0*
	123.16,	4.0*	245.65,	15.0	300.27,	30.0		
80 deg:	2.06,	4.0*	11.40,	6.0*	40.48,	5.0*	82.24,	7.0*
	123.16,	4.0*	236.54,	15.0	282.93,	30.0	300.07,	5000.0
85 deg:	2.06,	4.0*	11.40,	6.0*	40.48,	5.0*	82.24,	7.0*
	123.16,	4.0*	234.28,	15.0	289.25,	30.0	299.78,	5000.0

90 deg:	2.06,	4.0*	5.34,	3.0*	11.40,	6.0*	34.78,	6.0*
	40.48,	5.0*	79.46,	7.0*	82.24,	7.0*	123.16,	4.0*
	126.20,	4.0*	156.20,	4.0*	240.26,	15.0	262.10,	30.0
	300.14,	5000.0						
95 deg:	5.34,	3.0*	34.78,	6.0*	79.46,	7.0*	126.20,	4.0*
	156.20,	4.0*	200.00,	15.0	200.91,	30.0	238.36,	15.0
	256.29,	30.0	300.32,	5000.0				
100 deg:	5.34,	3.0*	34.78,	6.0*	79.46,	7.0*	126.20,	4.0*
	156.20,	4.0*	232.48,	30.0	300.34,	5000.0		
105 deg:	5.34,	3.0*	34.78,	6.0*	79.46,	7.0*	126.20,	4.0*
	156.20,	4.0*	201.11,	30.0	300.28,	5000.0		
110 deg:	2.11,	2.0*	5.34,	3.0*	7.57,	4.0*	34.78,	6.0*
	78.73,	8.0*	79.46,	7.0*	126.20,	4.0*	133.15,	6.0*
	156.20,	4.0*	167.08,	30.0	173.82,	5000.0	182.74,	30.0
	299.61,	5000.0						
115 deg:	2.11,	2.0*	7.57,	4.0*	78.73,	8.0*	133.15,	6.0*
	139.77,	5000.0	146.51,	30.0	154.31,	5000.0	155.45,	30.0
	299.63,	5000.0						
120 deg:	2.11,	2.0*	7.57,	4.0*	78.73,	8.0*	133.15,	6.0*
	163.63,	30.0	300.04,	5000.0				
125 deg:	2.11,	2.0*	7.57,	4.0*	78.73,	8.0*	133.15,	6.0*
	158.47,	30.0	299.59,	5000.0				
130 deg:	2.11,	2.0*	2.15,	4.0*	7.57,	4.0*	20.78,	6.0*
	46.76,	5.0*	75.65,	6.0*	78.73,	8.0*	125.00,	5.0*
	133.15,	6.0*						
	133.85,	5000.0	135.07,	30.0	299.48,	5000.0		
135 deg:	2.15,	4.0*	20.78,	6.0*	46.76,	5.0*	75.65,	6.0*
	125.00,	5.0*	148.91,	30.0	300.36,	5000.0		
140 deg:	2.15,	4.0*	20.78,	6.0*	46.76,	5.0*	75.65,	6.0*
	125.00,	5.0*	148.55,	30.0	300.42,	5000.0		
145 deg:	2.15,	4.0*	20.78,	6.0*	46.76,	5.0*	75.65,	6.0*
	125.00,	5.0*	138.70,	30.0	162.61,	5000.0	163.83,	30.0
	299.52,	5000.0						
150 deg:	2.15,	4.0*	12.89,	2.0*	14.09,	6.0*	20.78,	6.0*
	41.98,	6.0*	46.76,	5.0*	71.91,	6.0*	75.65,	6.0*
	125.00,	5.0*						
	126.06,	5.0*	139.00,	30.0	145.45,	5000.0	155.93,	30.0
	299.62,	5000.0						
155 deg:	12.89,	2.0*	14.09,	6.0*	41.98,	6.0*	71.91,	6.0*
	126.06,	5.0*	163.39,	30.0	299.92,	5000.0		
160 deg:	12.89,	2.0*	14.09,	6.0*	41.98,	6.0*	71.91,	6.0*
	126.06,	5.0*	155.80,	30.0	300.40,	5000.0		
165 deg:	12.89,	2.0*	14.09,	6.0*	41.98,	6.0*	71.91,	6.0*
	126.06,	5.0*	151.66,	30.0	159.24,	5000.0	198.70,	30.0
	300.18,	5000.0						
170 deg:	12.89,	2.0*	14.09,	6.0*	41.98,	6.0*	71.91,	6.0*
	126.06,	5.0*	194.83,	30.0	201.36,	5000.0	201.50,	30.0
	203.33,	5000.0						
	204.24,	30.0	210.77,	5000.0	215.48,	30.0	221.23,	5000.0
	230.64,	30.0						
	300.18,	5000.0						
175 deg:	103.38,	15.0	199.16,	30.0	207.54,	5000.0	213.15,	30.0
	214.07,	5000.0	299.64,	30.0				

180 deg:	117.82,	15.0	300.34,	30.0				
185 deg:	135.90,	15.0	136.89,	30.0	137.82,	15.0	253.13,	30.0
	299.64,	15.0						
190 deg:	164.78,	15.0	215.62,	30.0	300.18,	15.0		
195 deg:	300.18,	15.0						
200 deg:	300.40,	15.0						
205 deg:	299.92,	15.0						
210 deg:	299.62,	15.0						
215 deg:	299.52,	15.0						
220 deg:	300.42,	15.0						
225 deg:	239.91,	15.0	244.86,	8.0	300.36,	15.0		
230 deg:	220.24,	15.0	248.47,	8.0	299.48,	15.0		
235 deg:	204.09,	15.0	244.72,	8.0	285.40,	15.0	299.59,	10.0
240 deg:	192.92,	15.0	246.43,	8.0	260.77,	15.0	300.04,	10.0
245 deg:	185.27,	15.0	253.24,	8.0	299.63,	10.0		
250 deg:	181.65,	15.0	257.74,	8.0	299.61,	10.0		
255 deg:	179.02,	15.0	258.61,	8.0	300.28,	10.0		
260 deg:	3.71,	3.0*	11.24,	7.0*	32.32,	6.0*	178.76,	15.0
	264.80,	8.0	300.34,	10.0				
265 deg:	3.71,	3.0*	11.24,	7.0*	32.32,	6.0*	178.86,	15.0
	273.42,	8.0	300.32,	10.0				
270 deg:	3.71,	3.0*	11.24,	7.0*	32.32,	6.0*	179.57,	15.0
	282.34,	8.0	300.14,	10.0				
275 deg:	3.71,	3.0*	11.24,	7.0*	32.32,	6.0*	175.14,	15.0
	299.78,	8.0						
280 deg:	2.19,	2.0*	3.71,	3.0*	11.24,	7.0*	31.00,	5.0*
	32.32,	6.0*	45.00,	4.0*	157.39,	15.0	300.07,	8.0
285 deg:	2.19,	2.0*	31.00,	5.0*	45.00,	4.0*	122.02,	15.0
	300.27,	8.0						
290 deg:	2.19,	2.0*	31.00,	5.0*	45.00,	4.0*	100.46,	15.0
	300.23,	8.0						
295 deg:	2.19,	2.0*	31.00,	5.0*	45.00,	4.0*	89.90,	15.0
	299.90,	8.0						
300 deg:	2.00,	2.0*	2.19,	2.0*	30.74,	4.0*	31.00,	5.0*
	38.00,	5.0*	45.00,	4.0*	79.28,	15.0	300.44,	8.0
305 deg:	2.00,	2.0*	30.74,	4.0*	38.00,	5.0*	73.43,	15.0
	300.35,	8.0						
310 deg:	2.00,	2.0*	30.74,	4.0*	38.00,	5.0*	67.47,	15.0
	300.12,	8.0						
315 deg:	2.00,	2.0*	30.74,	4.0*	38.00,	5.0*	63.96,	15.0
	299.88,	8.0						
320 deg:	2.00,	2.0*	30.74,	4.0*	38.00,	5.0*	63.96,	15.0
	299.53,	8.0						
325 deg:	61.98,	15.0	300.26,	8.0				
330 deg:	61.74,	15.0	299.68,	8.0				
335 deg:	62.33,	15.0	300.25,	8.0				
340 deg:	65.04,	15.0	289.10,	8.0	300.03,	15.0		
345 deg:	68.88,	15.0	267.75,	8.0	300.42,	15.0		
350 deg:	73.26,	15.0	251.10,	8.0	300.06,	15.0		
355 deg:	82.62,	15.0	237.94,	8.0	300.26,	15.0		