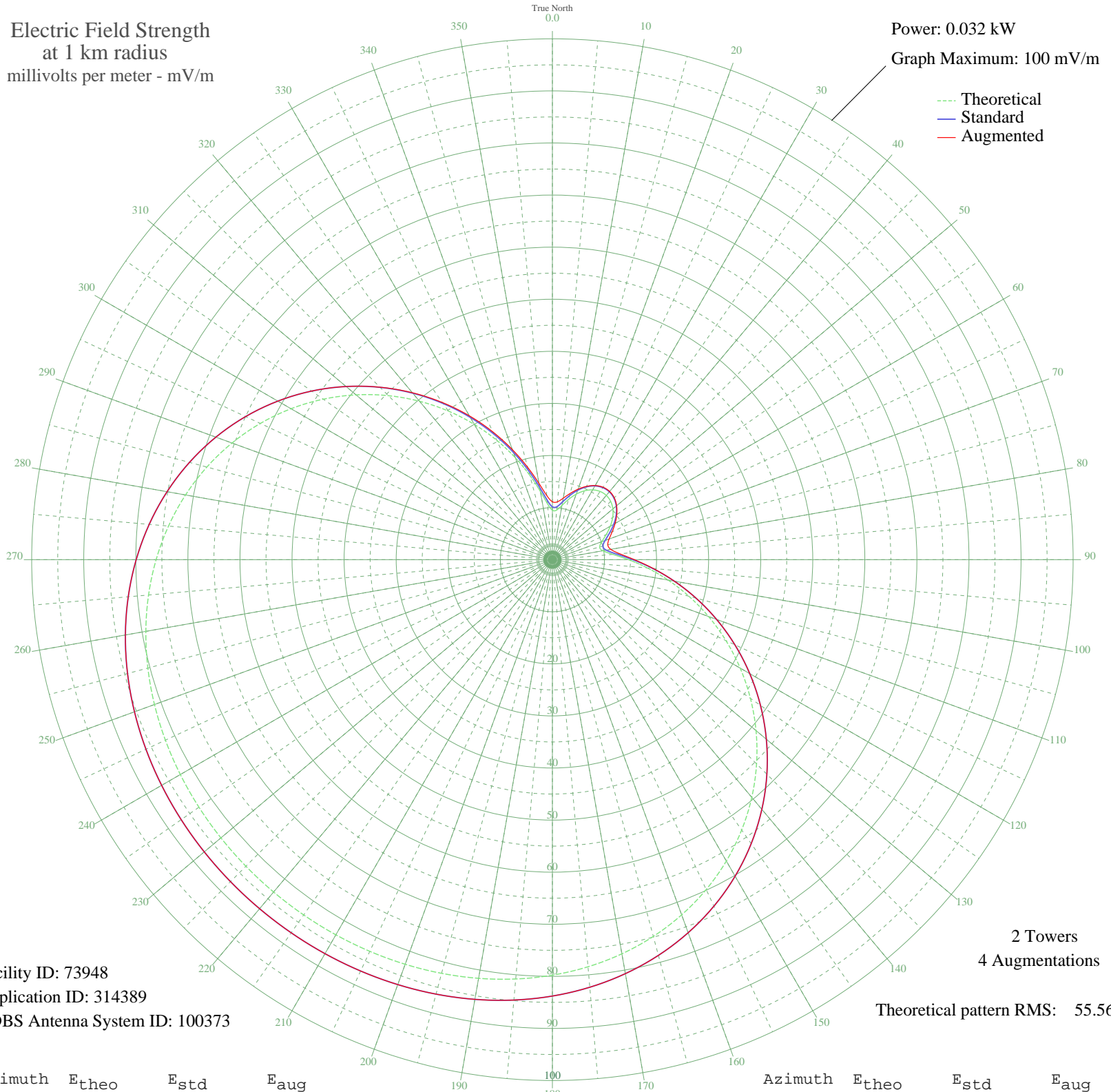


# KWEY WEATHERFORD, OK BL-- 1590 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 0.032 kW  
Graph Maximum: 100 mV/m



Facility ID: 73948  
Application ID: 314389  
CDBS Antenna System ID: 100373

2 Towers  
4 Augmentations

Theoretical pattern RMS: 55.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	9.49	10.14	11.11
5	9.56	10.21	11.15
10	10.58	11.26	11.98
15	11.98	12.72	13.16
20	13.38	14.18	14.40
25	14.58	15.43	15.52
30	15.47	16.35	16.43
35	15.98	16.89	16.97
40	16.11	17.01	17.10
45	15.82	16.72	16.80
50	15.16	16.02	16.10
55	14.14	14.96	15.09
60	12.84	13.61	13.91
65	11.40	12.12	12.67
70	10.10	10.77	11.59
75	9.39	10.03	11.01
80	9.83	10.49	11.39
85	11.65	12.38	12.98
90	14.60	15.45	15.75
95	18.33	19.34	19.44
100	22.57	23.77	23.78
105	27.14	28.56	28.56
110	31.91	33.56	33.56
115	36.78	38.66	38.66
120	41.64	43.77	43.77
125	46.43	48.78	48.78
130	51.05	53.63	53.63
135	55.45	58.25	58.25
140	59.57	62.57	62.57
145	63.37	66.56	66.56
150	66.81	70.18	70.18
155	69.88	73.40	73.40
160	72.57	76.22	76.22
165	74.89	78.65	78.65
170	76.84	80.71	80.71
175	78.46	82.41	82.41

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	79.77	83.78	83.78
185	80.81	84.88	84.88
190	81.62	85.72	85.72
195	82.22	86.36	86.36
200	82.67	86.82	86.82
205	82.97	87.14	87.14
210	83.17	87.35	87.35
215	83.27	87.46	87.46
220	83.30	87.48	87.48
225	83.24	87.42	87.42
230	83.10	87.28	87.28
235	82.86	87.03	87.03
240	82.51	86.65	86.65
245	82.00	86.12	86.12
250	81.32	85.41	85.41
255	80.43	84.47	84.47
260	79.28	83.27	83.27
265	77.85	81.77	81.77
270	76.10	79.93	79.93
275	74.00	77.73	77.73
280	71.54	75.14	75.14
285	68.70	72.16	72.16
290	65.48	68.78	68.78
295	61.89	65.01	65.01
300	57.96	60.88	60.88
305	53.72	56.44	56.44
310	49.22	51.72	51.72
315	44.53	46.79	46.82
320	39.70	41.73	41.84
325	34.83	36.62	36.84
330	29.99	31.54	31.89
335	25.28	26.61	27.07
340	20.83	21.95	22.50
345	16.77	17.70	18.36
350	13.31	14.10	14.87
355	10.77	11.46	12.36

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

15 Mar 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission