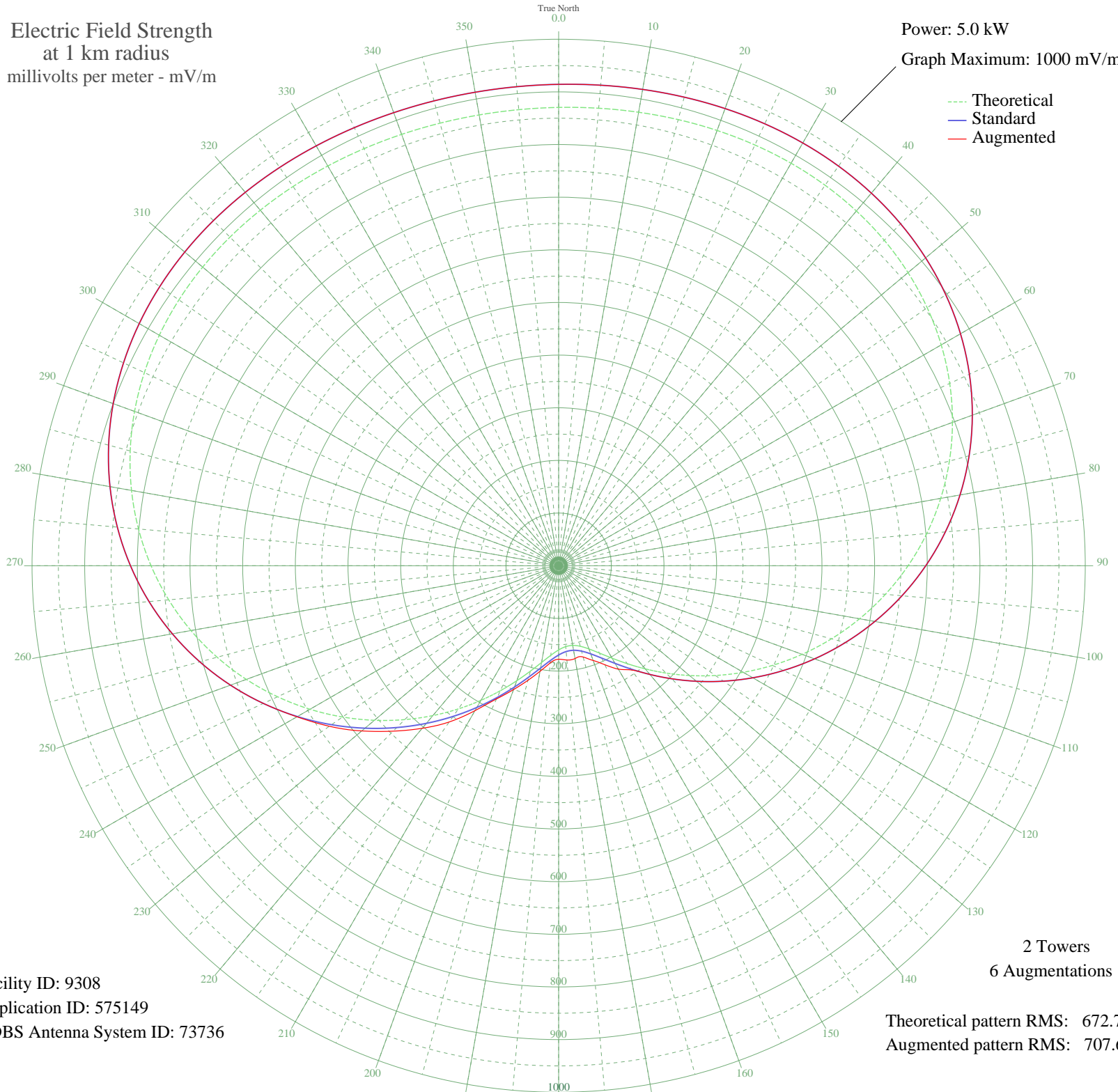


# KIXZ AMARILLO, TX BL-20010718ABB 940 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 9308  
Application ID: 575149  
CDBS Antenna System ID: 73736

2 Towers  
6 Augmentations

Theoretical pattern RMS: 672.71  
Augmented pattern RMS: 707.64

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	870.50	914.33	914.33
5	872.26	916.18	916.18
10	874.60	918.63	918.63
15	877.23	921.39	921.39
20	879.76	924.04	924.04
25	881.76	926.14	926.14
30	882.74	927.17	927.17
35	882.18	926.59	926.59
40	879.55	923.83	923.83
45	874.35	918.37	918.37
50	866.09	909.70	909.70
55	854.38	897.40	897.40
60	838.88	881.14	881.14
65	819.39	860.68	860.68
70	795.81	835.93	835.93
75	768.20	806.95	806.95
80	736.73	773.92	773.92
85	701.70	737.16	737.16
90	663.57	697.14	697.14
95	622.87	654.44	654.44
100	580.24	609.71	609.71
105	536.38	563.69	563.69
110	492.02	517.16	517.16
115	447.92	470.90	470.90
120	404.82	425.70	425.70
125	363.41	382.30	382.30
130	324.37	341.40	341.40
135	288.29	303.62	303.62
140	255.71	269.52	269.52
145	227.06	239.56	241.73
150	202.73	214.16	226.85
155	183.03	193.61	207.43
160	168.19	178.15	191.51
165	158.38	167.95	179.39
170	153.71	163.09	179.02
175	154.23	163.63	179.75

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	159.93	169.56	177.62
185	170.76	180.83	185.42
190	186.59	197.32	203.63
195	207.24	218.86	225.31
200	232.45	245.20	250.31
205	261.92	276.02	279.07
210	295.25	310.90	317.87
215	331.96	349.35	362.24
220	371.52	390.81	403.09
225	413.32	434.62	444.36
230	456.69	480.09	488.13
235	500.90	526.47	531.60
240	545.22	572.96	573.85
245	588.89	618.78	618.78
250	631.19	663.16	663.16
255	671.42	705.38	705.38
260	708.97	744.79	744.79
265	743.32	780.83	780.83
270	774.04	813.08	813.08
275	800.86	841.23	841.23
280	823.61	865.11	865.11
285	842.29	884.72	884.72
290	857.01	900.17	900.17
295	868.01	911.71	911.71
300	875.62	919.70	919.70
305	880.27	924.58	924.58
310	882.44	926.86	926.86
315	882.65	927.08	927.08
320	881.42	925.79	925.79
325	879.28	923.54	923.54
330	876.70	920.83	920.83
335	874.10	918.11	918.11
340	871.86	915.75	915.75
345	870.24	914.05	914.05
350	869.43	913.20	913.20
355	869.52	913.30	913.30