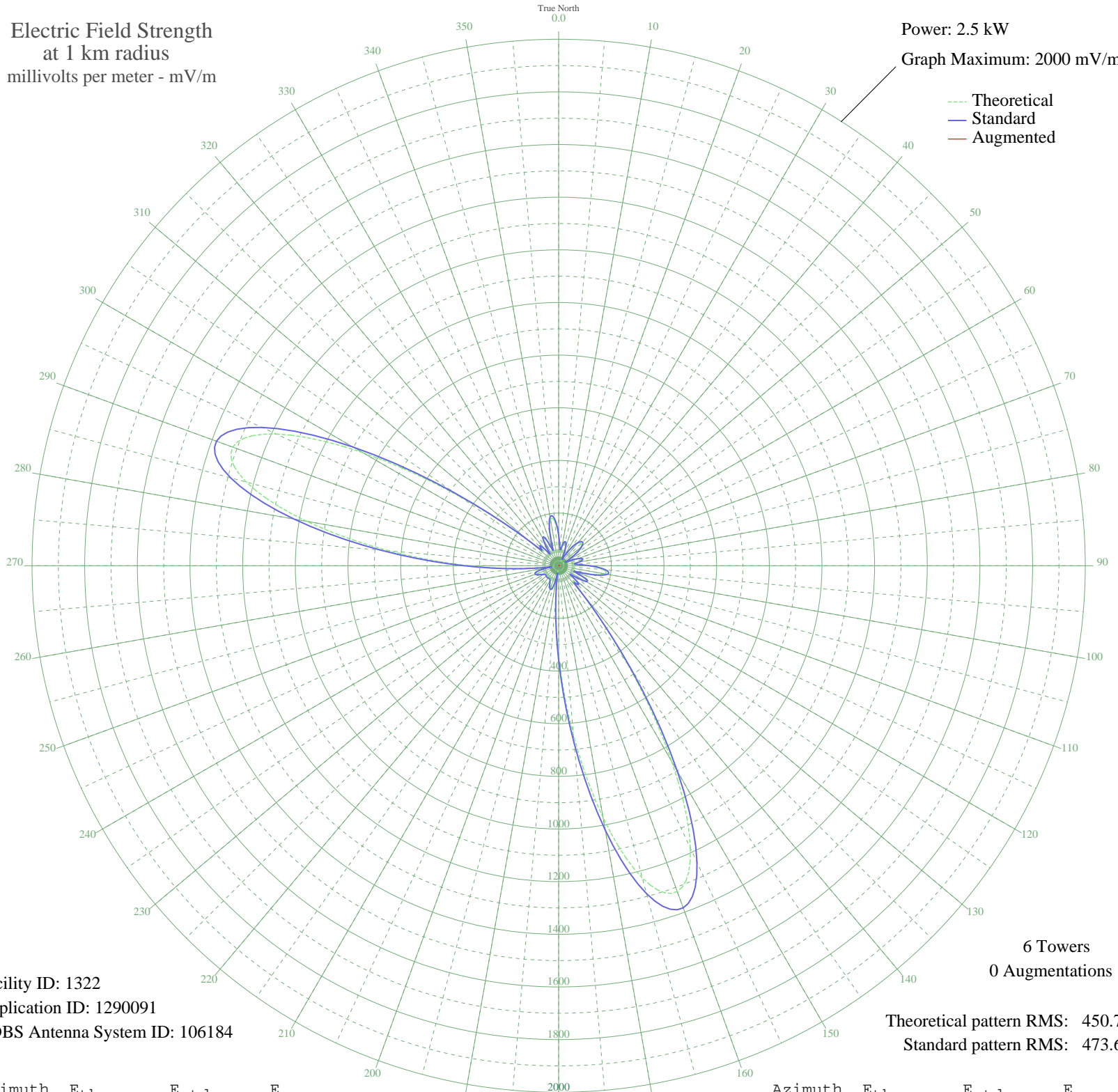


# KBBW WACO, TX BL-20090108API 1010 kHz

Nighttime

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

Power: 2.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 1322  
Application ID: 1290091  
CDBS Antenna System ID: 106184

6 Towers  
0 Augmentations

Theoretical pattern RMS: 450.78  
Standard pattern RMS: 473.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	111.37	118.12	
5	57.10	62.21	
10	72.39	77.80	
15	89.71	95.64	
20	74.47	79.94	
25	35.29	40.60	
30	30.27	35.85	
35	75.58	81.08	
40	109.04	115.69	
45	121.01	128.14	
50	109.04	115.69	
55	75.58	81.08	
60	30.27	35.85	
65	35.29	40.60	
70	74.47	79.94	
75	89.71	95.64	
80	72.39	77.80	
85	57.10	62.21	
90	111.37	118.12	
95	169.61	178.86	
100	178.11	187.75	
105	122.13	129.31	
110	55.74	60.83	
115	101.35	107.71	
120	113.03	119.84	
125	57.74	62.86	
130	78.53	84.11	
135	92.83	98.88	
140	141.03	149.01	
145	457.93	481.11	
150	858.61	901.69	
155	1183.71	1243.01	
160	1317.00	1382.95	
165	1228.12	1289.64	
170	971.56	1020.27	
175	645.40	677.87	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	341.83	359.30	
185	116.76	123.71	
190	27.10	32.95	
195	80.06	85.68	
200	88.95	94.86	
205	75.77	81.28	
210	60.81	65.97	
215	54.98	60.07	
220	56.26	61.36	
225	57.63	62.75	
230	56.26	61.36	
235	54.98	60.07	
240	60.81	65.97	
245	75.77	81.28	
250	88.95	94.86	
255	80.06	85.68	
260	27.10	32.94	
265	116.76	123.72	
270	341.83	359.31	
275	645.40	677.87	
280	971.56	1020.27	
285	1228.12	1289.64	
290	1317.00	1382.95	
295	1183.71	1243.00	
300	858.60	901.69	
305	457.93	481.11	
310	141.03	149.01	
315	92.84	98.88	
320	78.53	84.11	
325	57.74	62.86	
330	113.03	119.84	
335	101.35	107.71	
340	55.74	60.83	
345	122.13	129.31	
350	178.11	187.75	
355	169.60	178.86	

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission