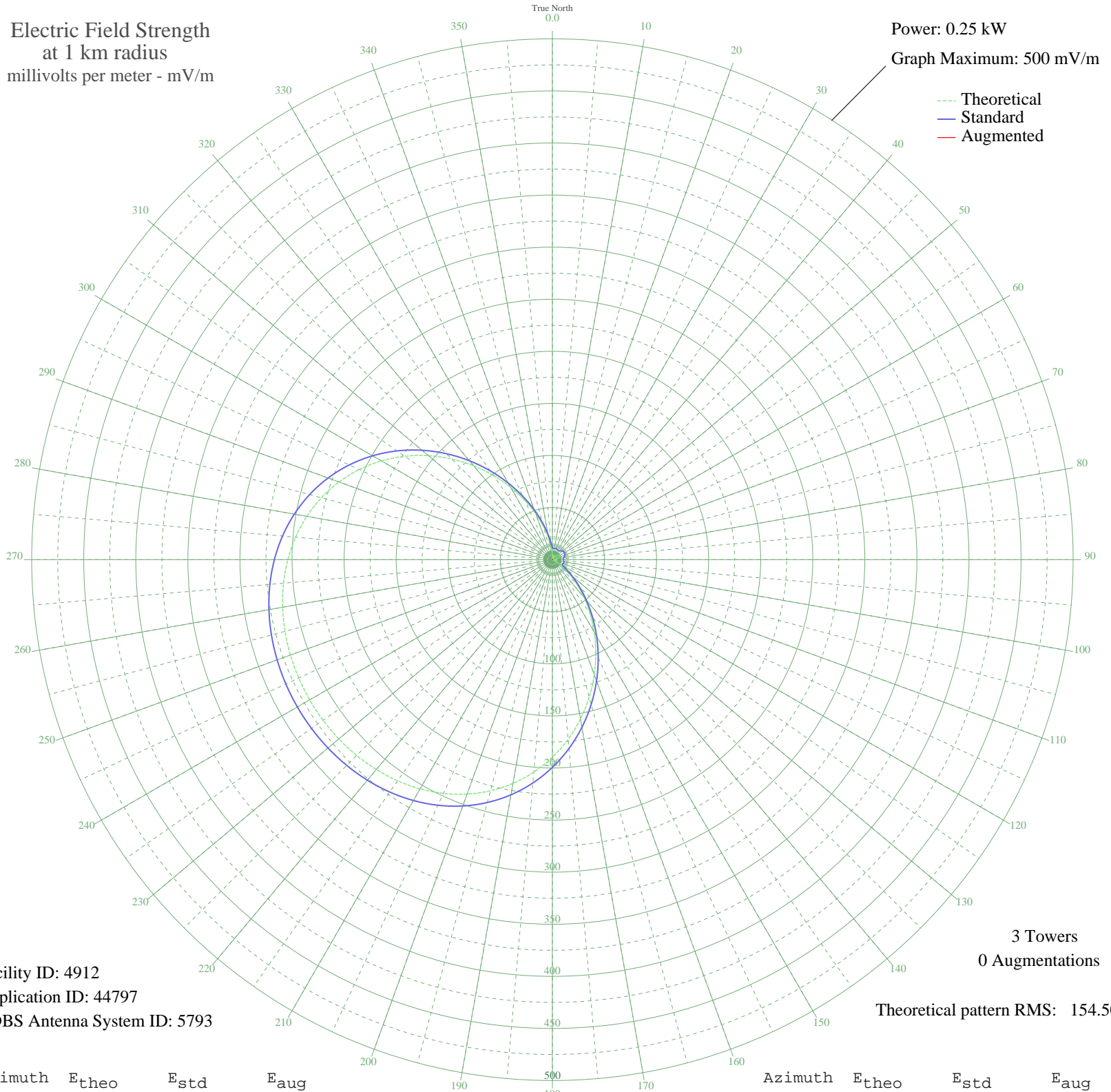


WQSE WHITE BLUFF, TN BL-19820709AB 1030 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 4912  
Application ID: 44797  
CDBS Antenna System ID: 5793

3 Towers  
0 Augmentations

Theoretical pattern RMS: 154.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	5.12	11.80	
5	0.27	10.50	
10	2.89	10.93	
15	4.18	11.38	
20	4.09	11.35	
25	2.97	10.95	
30	1.17	10.57	
35	1.05	10.56	
40	3.24	11.04	
45	5.24	11.85	
50	6.82	12.71	
55	7.83	13.33	
60	8.17	13.56	
65	7.83	13.33	
70	6.82	12.71	
75	5.24	11.85	
80	3.24	11.04	
85	1.05	10.56	
90	1.17	10.57	
95	2.97	10.95	
100	4.09	11.35	
105	4.18	11.38	
110	2.89	10.93	
115	0.27	10.50	
120	5.12	11.80	
125	12.29	16.63	
130	21.73	25.12	
135	33.44	36.65	
140	47.29	50.75	
145	63.02	67.00	
150	80.28	84.95	
155	98.63	104.10	
160	117.59	123.91	
165	136.63	143.85	
170	155.28	163.38	
175	173.07	182.03	

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 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	189.64	199.39	
185	204.69	215.18	
190	218.06	229.20	
195	229.64	241.35	
200	239.44	251.63	
205	247.53	260.12	
210	254.05	266.96	
215	259.15	272.31	
220	263.01	276.36	
225	265.81	279.30	
230	267.69	281.27	
235	268.77	282.40	
240	269.12	282.77	
245	268.77	282.40	
250	267.69	281.27	
255	265.81	279.30	
260	263.01	276.36	
265	259.15	272.31	
270	254.05	266.96	
275	247.53	260.12	
280	239.44	251.63	
285	229.64	241.35	
290	218.06	229.20	
295	204.69	215.18	
300	189.64	199.39	
305	173.07	182.02	
310	155.28	163.38	
315	136.63	143.85	
320	117.59	123.91	
325	98.63	104.10	
330	80.28	84.95	
335	63.02	67.00	
340	47.29	50.75	
345	33.44	36.65	
350	21.73	25.12	
355	12.29	16.63	