

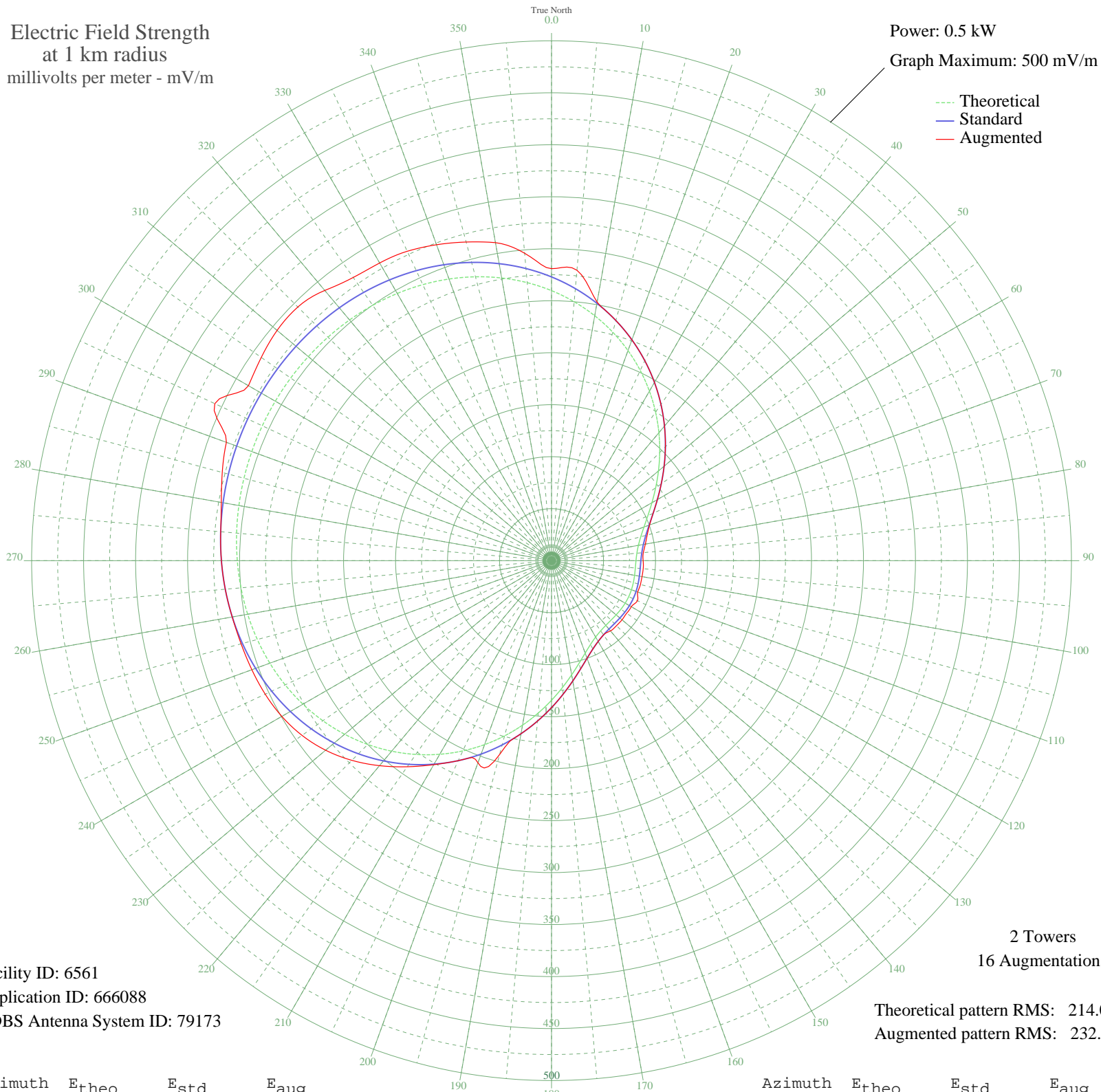
KNTX BOWIE, TX BL-20030522AJF 1410 kHz

Daytime

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

Power: 0.5 kW

Graph Maximum: 500 mV/m



Facility ID: 6561  
Application ID: 666088  
CDBS Antenna System ID: 79173

2 Towers  
16 Augmentations

Theoretical pattern RMS: 214.04  
Augmented pattern RMS: 232.32

Azimuth	Etheo	Estd	Eaug
0	259.72	272.91	280.85
5	249.96	262.67	280.38
10	239.20	251.38	252.49
15	227.51	239.12	239.12
20	215.02	226.01	226.01
25	201.87	212.23	212.23
30	188.28	197.97	197.97
35	174.45	183.47	183.47
40	160.64	169.00	169.00
45	147.14	154.85	154.85
50	134.24	141.35	141.35
55	122.26	128.80	128.80
60	111.48	117.53	117.53
65	102.20	107.82	107.82
70	94.62	99.90	100.33
75	88.85	93.88	95.26
80	84.84	89.70	91.60
85	82.40	87.16	88.61
90	81.22	85.92	88.09
95	80.90	85.59	88.50
100	81.09	85.79	88.38
105	81.46	86.17	88.52
110	81.77	86.50	88.22
115	81.89	86.63	91.15
120	81.77	86.50	88.59
125	81.46	86.17	88.18
130	81.09	85.79	88.52
135	80.90	85.59	88.40
140	81.22	85.92	88.20
145	82.40	87.16	87.16
150	84.84	89.70	89.70
155	88.85	93.88	93.88
160	94.62	99.90	99.90
165	102.20	107.82	107.82
170	111.48	117.53	117.53
175	122.26	128.80	128.80

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	134.24	141.35	141.35
185	147.14	154.85	154.85
190	160.64	169.00	169.00
195	174.45	183.47	193.04
200	188.28	197.97	206.87
205	201.87	212.23	212.23
210	215.02	226.01	226.56
215	227.51	239.12	241.96
220	239.20	251.38	257.38
225	249.96	262.67	271.59
230	259.72	272.91	283.62
235	268.42	282.04	292.94
240	276.07	290.06	299.52
245	282.66	296.98	303.83
250	288.26	302.86	306.70
255	292.93	307.76	309.10
260	296.75	311.76	311.84
265	299.81	314.97	314.97
270	302.20	317.49	317.49
275	304.02	319.39	319.39
280	305.34	320.78	322.52
285	306.23	321.72	327.84
290	306.75	322.26	332.76
295	306.92	322.43	357.32
300	306.75	322.26	336.56
305	306.23	321.72	340.79
310	305.34	320.78	344.54
315	304.02	319.39	345.04
320	302.20	317.49	339.27
325	299.81	314.97	332.51
330	296.75	311.76	330.60
335	292.93	307.76	328.35
340	288.26	302.86	323.36
345	282.66	296.98	317.28
350	276.07	290.06	310.59
355	268.42	282.04	296.80