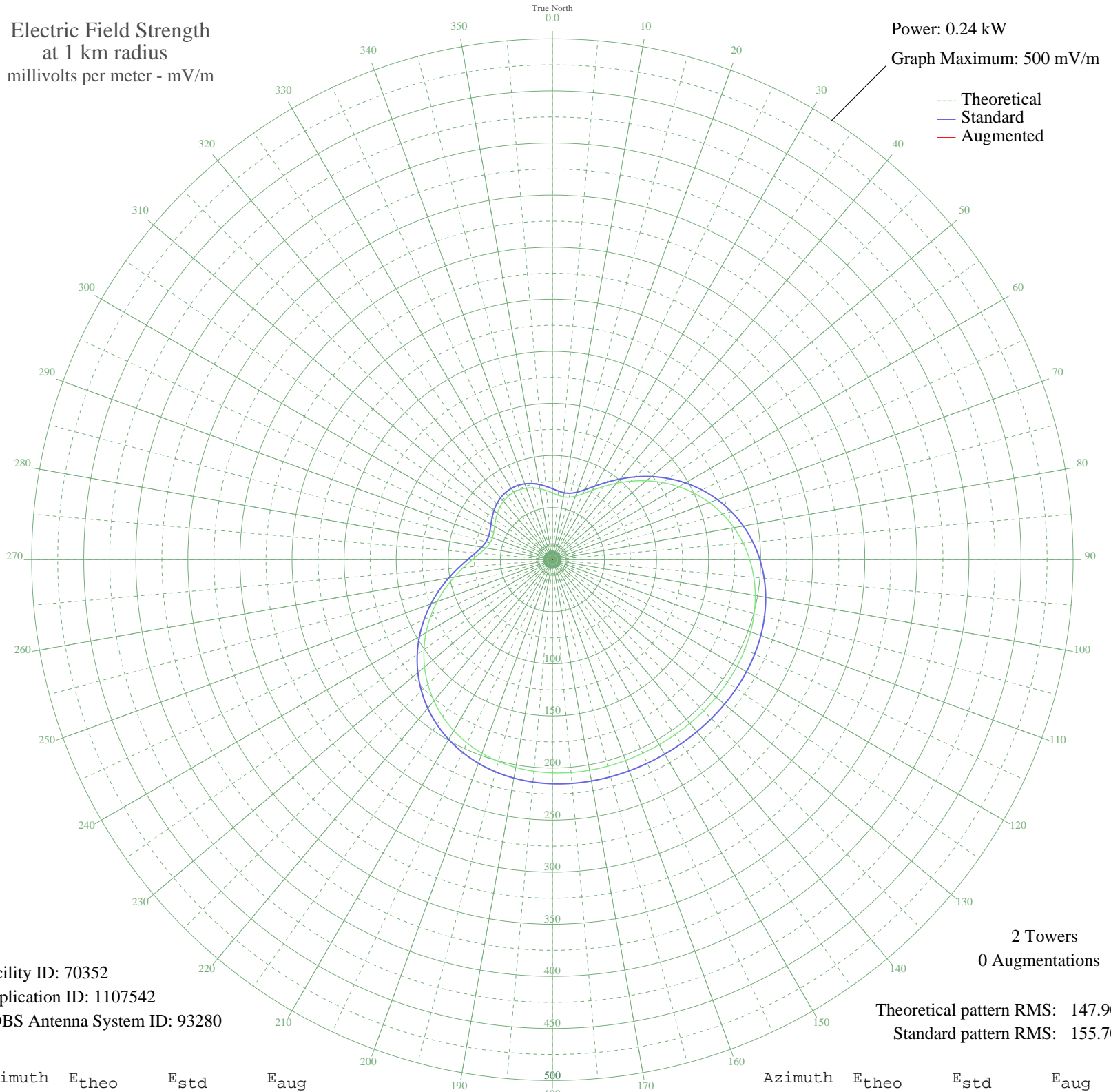


WYRE ESSEX, MD BMJP-20050118AKF 810 kHz

Daytime

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

Power: 0.24 kW
Graph Maximum: 500 mV/m



Facility ID: 70352
Application ID: 1107542
CDBS Antenna System ID: 93280

Theoretical pattern RMS: 147.90
Standard pattern RMS: 155.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	64.09	68.10	
5	62.16	66.11	
10	61.31	65.23	
15	62.09	66.04	
20	64.92	68.97	
25	69.93	74.17	
30	76.98	81.51	
35	85.73	90.63	
40	95.73	101.06	
45	106.54	112.36	
50	117.76	124.10	
55	129.03	135.89	
60	140.04	147.42	
65	150.53	158.41	
70	160.28	168.63	
75	169.14	177.91	
80	177.00	186.14	
85	183.78	193.26	
90	189.49	199.24	
95	194.14	204.11	
100	197.80	207.95	
105	200.56	210.85	
110	202.54	212.92	
115	203.86	214.31	
120	204.67	215.16	
125	205.09	215.60	
130	205.24	215.76	
135	205.24	215.76	
140	205.17	215.69	
145	205.10	215.61	
150	205.08	215.59	
155	205.10	215.61	
160	205.17	215.69	
165	205.24	215.76	
170	205.24	215.76	
175	205.09	215.60	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	204.67	215.16	
185	203.86	214.31	
190	202.54	212.92	
195	200.56	210.85	
200	197.80	207.95	
205	194.14	204.11	
210	189.49	199.24	
215	183.78	193.26	
220	177.00	186.14	
225	169.14	177.91	
230	160.28	168.63	
235	150.53	158.41	
240	140.04	147.42	
245	129.03	135.89	
250	117.76	124.10	
255	106.54	112.36	
260	95.73	101.06	
265	85.73	90.63	
270	76.98	81.51	
275	69.93	74.17	
280	64.92	68.97	
285	62.09	66.04	
290	61.31	65.23	
295	62.16	66.11	
300	64.09	68.10	
305	66.53	70.64	
310	69.05	73.26	
315	71.30	75.60	
320	73.06	77.43	
325	74.16	78.58	
330	74.54	78.97	
335	74.16	78.58	
340	73.06	77.43	
345	71.30	75.60	
350	69.05	73.26	
355	66.53	70.64	

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission