

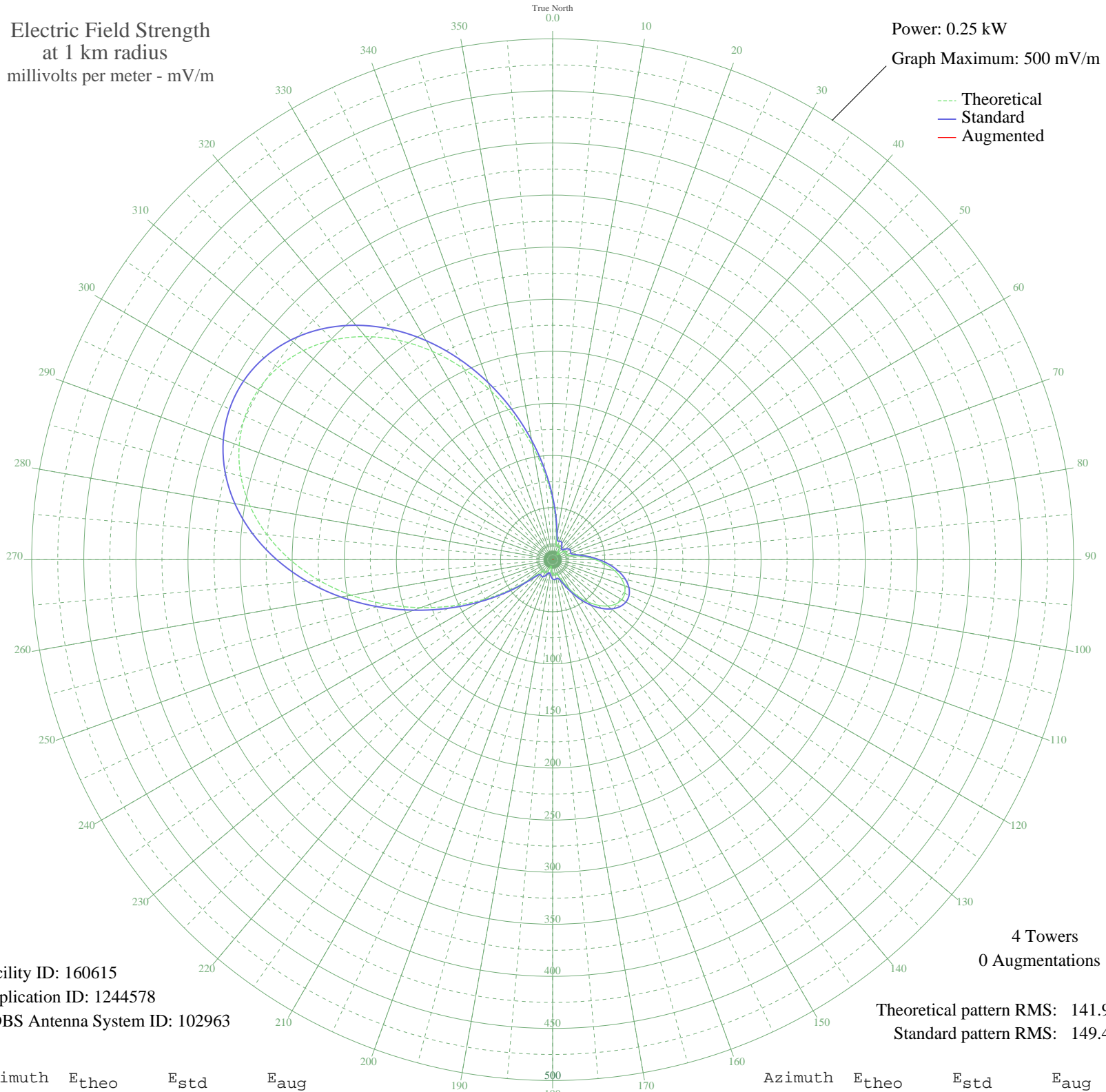
KTXW MANOR, TX BNP-20050118AAM 1120 kHz

Daytime

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: 160615
Application ID: 1244578
CDBS Antenna System ID: 102963

4 Towers
0 Augmentations

Theoretical pattern RMS: 141.91
Standard pattern RMS: 149.43

Azimuth	E _{theo}	E _{std}	E _{aug}
0	56.42	60.31	
5	35.46	38.91	
10	20.62	24.42	
15	14.14	18.66	
20	14.28	18.78	
25	14.73	19.16	
30	13.02	17.74	
35	9.52	15.09	
40	6.32	13.11	
45	7.21	13.61	
50	10.73	15.96	
55	13.60	18.21	
60	14.77	19.19	
65	14.36	18.85	
70	13.79	18.37	
75	15.87	20.13	
80	21.99	25.71	
85	30.89	34.34	
90	40.97	44.48	
95	51.07	54.80	
100	60.28	64.29	
105	67.88	72.17	
110	73.35	77.84	
115	76.31	80.92	
120	76.59	81.21	
125	74.15	78.67	
130	69.16	73.49	
135	61.94	66.02	
140	53.01	56.80	
145	43.02	46.57	
150	32.85	36.30	
155	23.60	27.24	
160	16.78	20.94	
165	13.90	18.46	
170	14.18	18.70	
175	14.79	19.21	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	13.98	18.53	
185	11.41	16.47	
190	7.85	13.99	
195	6.09	12.99	
200	8.75	14.57	
205	12.42	17.26	
210	14.57	19.02	
215	14.49	18.95	
220	13.85	18.42	
225	18.59	22.56	
230	31.94	35.39	
235	51.83	55.58	
240	76.47	81.08	
245	104.51	110.31	
250	134.67	141.85	
255	165.66	174.31	
260	196.27	206.40	
265	225.37	236.91	
270	251.99	264.83	
275	275.32	289.31	
280	294.75	309.69	
285	309.81	325.50	
290	320.18	336.38	
295	325.67	342.14	
300	326.17	342.67	
305	321.68	337.95	
310	312.27	328.08	
315	298.12	313.23	
320	279.54	293.73	
325	256.94	270.02	
330	230.92	242.73	
335	202.25	212.66	
340	171.85	180.80	
345	140.84	148.31	
350	110.41	116.48	
355	81.84	86.68	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission