

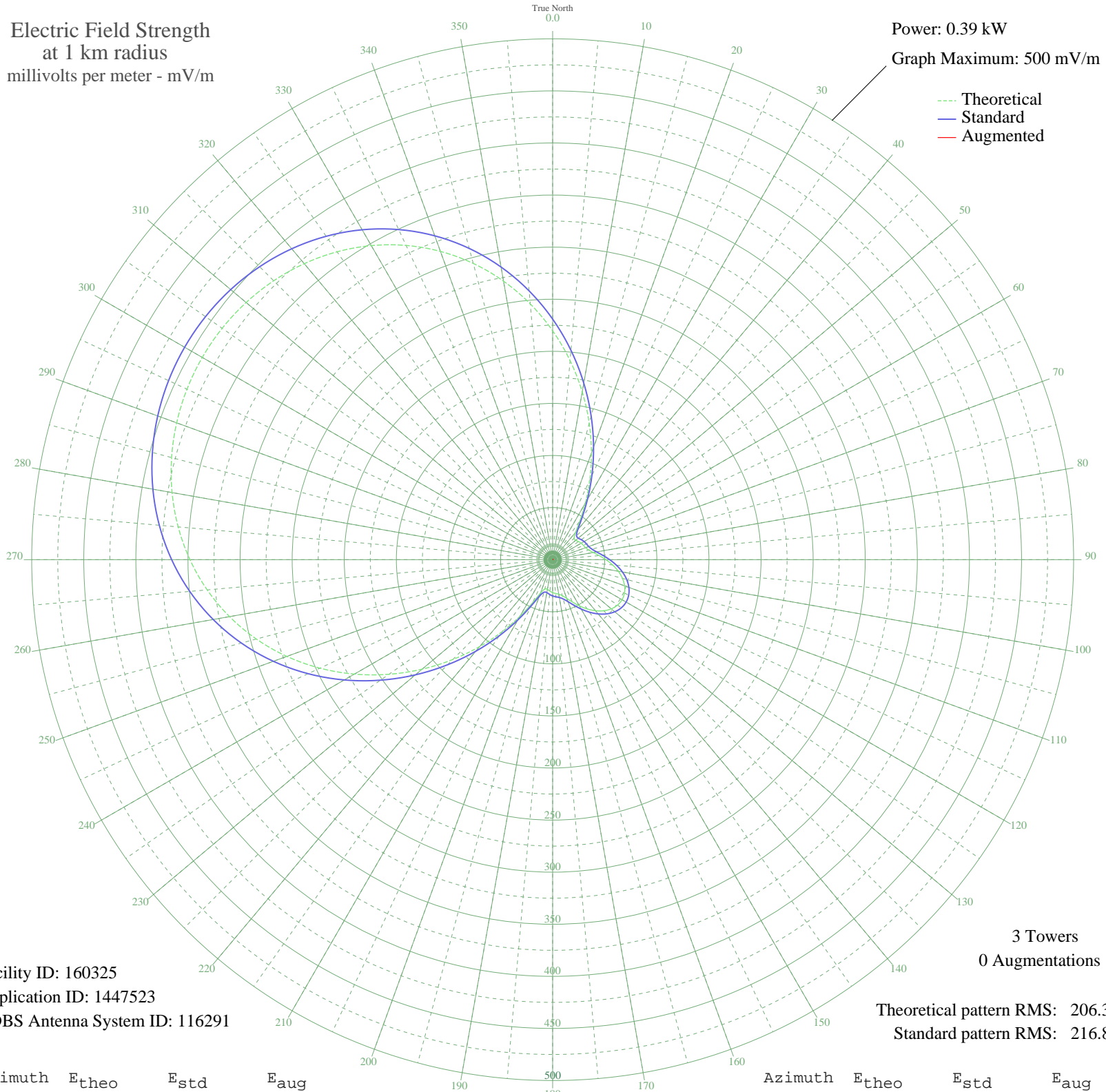
NEW TYNDALL, SD 3NP-20051031ABK 690 kHz

Nighttime

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

Power: 0.39 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 160325
Application ID: 1447523
CDBS Antenna System ID: 116291

3 Towers
0 Augmentations
Theoretical pattern RMS: 206.30
Standard pattern RMS: 216.87

Azimuth	E _{theo}	E _{std}	E _{aug}
0	219.71	230.94	
5	191.85	201.71	
10	163.54	172.03	
15	135.58	142.74	
20	108.84	114.76	
25	84.24	89.08	
30	62.81	66.78	
35	45.70	49.12	
40	34.25	37.47	
45	29.18	32.39	
50	28.87	32.09	
55	30.30	33.51	
60	31.63	34.83	
65	32.56	35.76	
70	33.66	36.87	
75	35.81	39.04	
80	39.55	42.84	
85	44.83	48.23	
90	51.12	54.69	
95	57.71	61.50	
100	63.96	67.97	
105	69.34	73.56	
110	73.46	77.84	
115	76.03	80.52	
120	76.91	81.43	
125	76.03	80.52	
130	73.46	77.84	
135	69.34	73.56	
140	63.96	67.97	
145	57.71	61.50	
150	51.12	54.69	
155	44.83	48.23	
160	39.55	42.84	
165	35.81	39.04	
170	33.66	36.87	
175	32.56	35.76	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	31.63	34.83	
185	30.30	33.51	
190	28.87	32.09	
195	29.18	32.39	
200	34.25	37.47	
205	45.70	49.12	
210	62.81	66.78	
215	84.24	89.08	
220	108.84	114.76	
225	135.58	142.74	
230	163.54	172.03	
235	191.84	201.71	
240	219.71	230.94	
245	246.45	258.98	
250	271.49	285.26	
255	294.41	309.31	
260	314.91	330.82	
265	332.83	349.63	
270	348.11	365.67	
275	360.78	378.96	
280	370.91	389.60	
285	378.63	397.70	
290	384.03	403.37	
295	387.24	406.73	
300	388.29	407.84	
305	387.24	406.73	
310	384.03	403.37	
315	378.63	397.70	
320	370.91	389.60	
325	360.78	378.96	
330	348.11	365.67	
335	332.83	349.63	
340	314.91	330.82	
345	294.41	309.31	
350	271.49	285.26	
355	246.45	258.98	

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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