

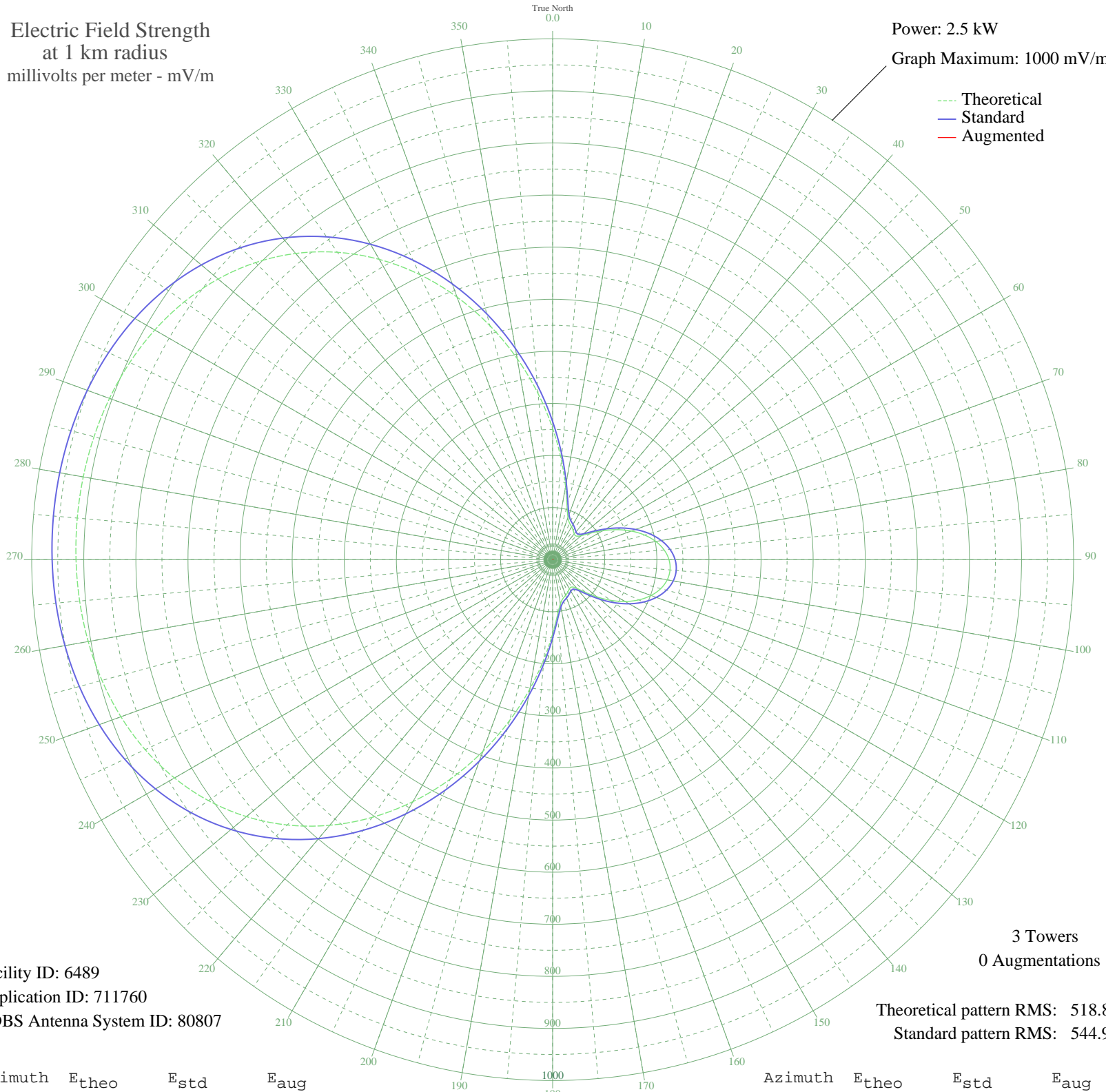
WFCV FORT WAYNE, IN BL-20031216ADX 1090 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 6489
Application ID: 711760
CDBS Antenna System ID: 80807

3 Towers
0 Augmentations

Theoretical pattern RMS: 518.80
Standard pattern RMS: 544.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	252.03	265.15	
5	191.74	202.01	
10	142.26	150.30	
15	106.66	113.22	
20	86.08	91.90	
25	77.05	82.59	
30	72.80	78.22	
35	68.65	73.97	
40	64.46	69.69	
45	64.00	69.22	
50	71.86	77.26	
55	88.68	94.58	
60	111.29	118.03	
65	136.14	143.91	
70	160.57	169.41	
75	182.66	192.51	
80	201.06	211.76	
85	214.81	226.17	
90	223.30	235.06	
95	226.17	238.06	
100	223.30	235.06	
105	214.81	226.17	
110	201.06	211.76	
115	182.66	192.51	
120	160.57	169.41	
125	136.14	143.91	
130	111.29	118.03	
135	88.68	94.58	
140	71.86	77.26	
145	64.00	69.22	
150	64.46	69.69	
155	68.65	73.97	
160	72.80	78.22	
165	77.05	82.59	
170	86.08	91.90	
175	106.66	113.22	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	142.26	150.30	
185	191.74	202.01	
190	252.03	265.15	
195	319.81	336.21	
200	391.80	411.73	
205	464.94	488.47	
210	536.45	563.52	
215	603.98	634.40	
220	665.72	699.20	
225	720.41	756.61	
230	767.41	805.95	
235	806.59	847.08	
240	838.27	880.34	
245	863.09	906.39	
250	881.90	926.15	
255	895.65	940.57	
260	905.23	950.63	
265	911.44	957.16	
270	914.91	960.80	
275	916.03	961.97	
280	914.91	960.80	
285	911.44	957.16	
290	905.23	950.63	
295	895.65	940.57	
300	881.90	926.15	
305	863.09	906.39	
310	838.27	880.34	
315	806.59	847.08	
320	767.41	805.95	
325	720.41	756.61	
330	665.72	699.20	
335	603.98	634.40	
340	536.45	563.52	
345	464.94	488.47	
350	391.80	411.72	
355	319.80	336.20	

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