

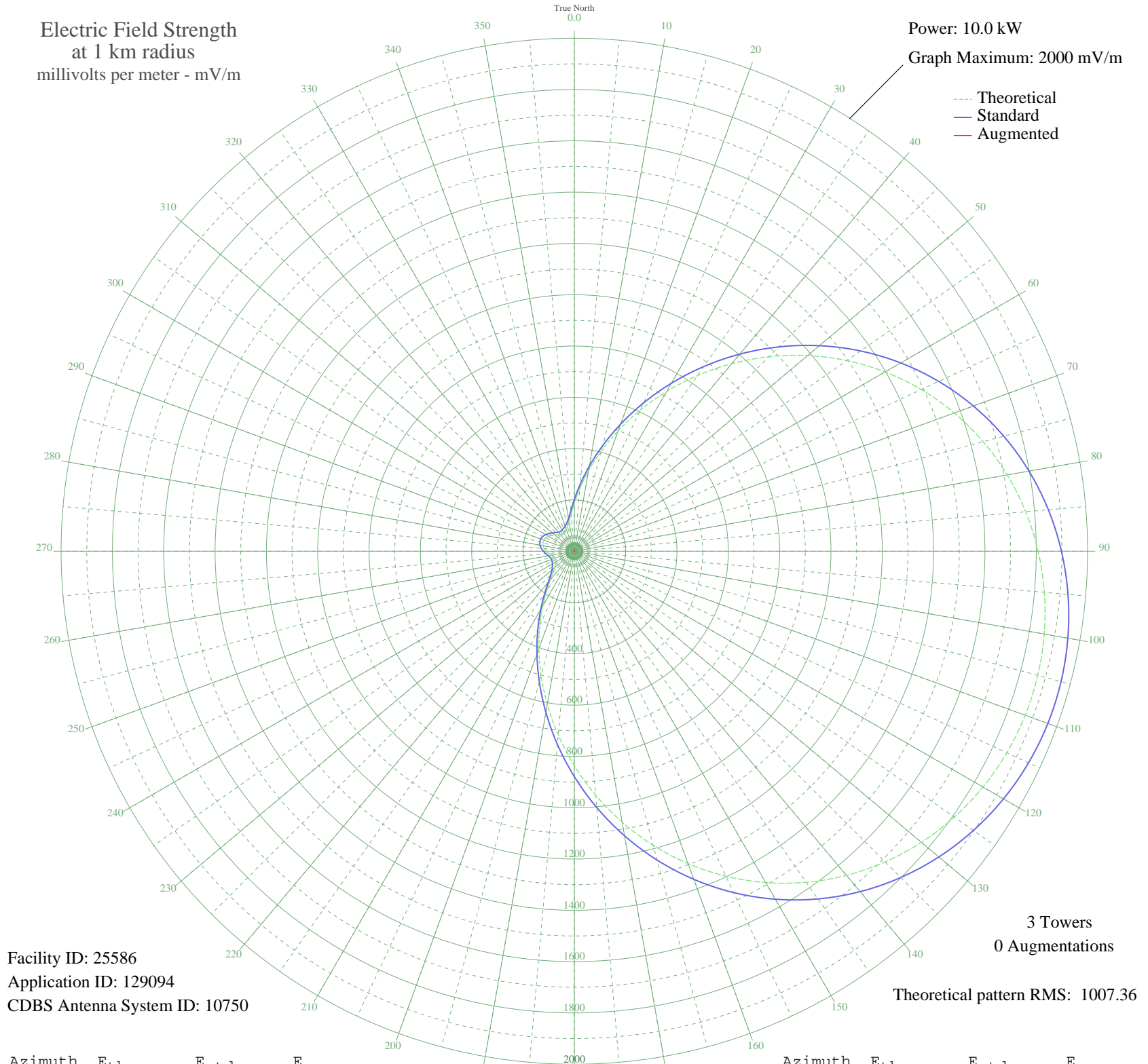
WSFM CAROLINA BEACH, NC BL-19890526AA 1180 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 25586
Application ID: 129094
CDBS Antenna System ID: 10750

3 Towers
0 Augmentations
Theoretical pattern RMS: 1007.36

Azimuth	E _{theo}	E _{std}	E _{aug}
0	188.30	201.91	
5	246.05	261.57	
10	318.28	336.69	
15	403.65	425.81	
20	500.36	526.97	
25	606.27	637.90	
30	718.99	756.05	
35	835.95	878.71	
40	954.56	1003.12	
45	1072.27	1126.63	
50	1186.74	1246.75	
55	1295.88	1361.29	
60	1397.94	1468.41	
65	1491.54	1566.65	
70	1575.64	1654.93	
75	1649.57	1732.53	
80	1712.92	1799.03	
85	1765.53	1854.26	
90	1807.40	1898.21	
95	1838.63	1930.99	
100	1859.35	1952.74	
105	1869.67	1963.58	
110	1869.67	1963.58	
115	1859.35	1952.74	
120	1838.63	1930.99	
125	1807.40	1898.21	
130	1765.53	1854.26	
135	1712.92	1799.03	
140	1649.57	1732.53	
145	1575.64	1654.93	
150	1491.54	1566.65	
155	1397.94	1468.41	
160	1295.88	1361.29	
165	1186.74	1246.75	
170	1072.27	1126.63	
175	954.56	1003.12	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	835.96	878.71	
185	718.99	756.05	
190	606.28	637.90	
195	500.36	526.97	
200	403.65	425.81	
205	318.28	336.69	
210	246.05	261.57	
215	188.30	201.91	
220	145.67	158.33	
225	117.39	129.89	
230	100.68	113.37	
235	91.28	104.23	
240	85.60	98.77	
245	82.14	95.47	
250	81.19	94.58	
255	83.67	96.93	
260	89.74	102.74	
265	98.40	111.13	
270	107.95	120.52	
275	116.70	129.20	
280	123.30	135.78	
285	126.82	139.31	
290	126.82	139.31	
295	123.30	135.78	
300	116.70	129.20	
305	107.95	120.52	
310	98.40	111.13	
315	89.74	102.74	
320	83.67	96.93	
325	81.19	94.58	
330	82.14	95.47	
335	85.60	98.77	
340	91.28	104.23	
345	100.68	113.37	
350	117.39	129.89	
355	145.67	158.33	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission