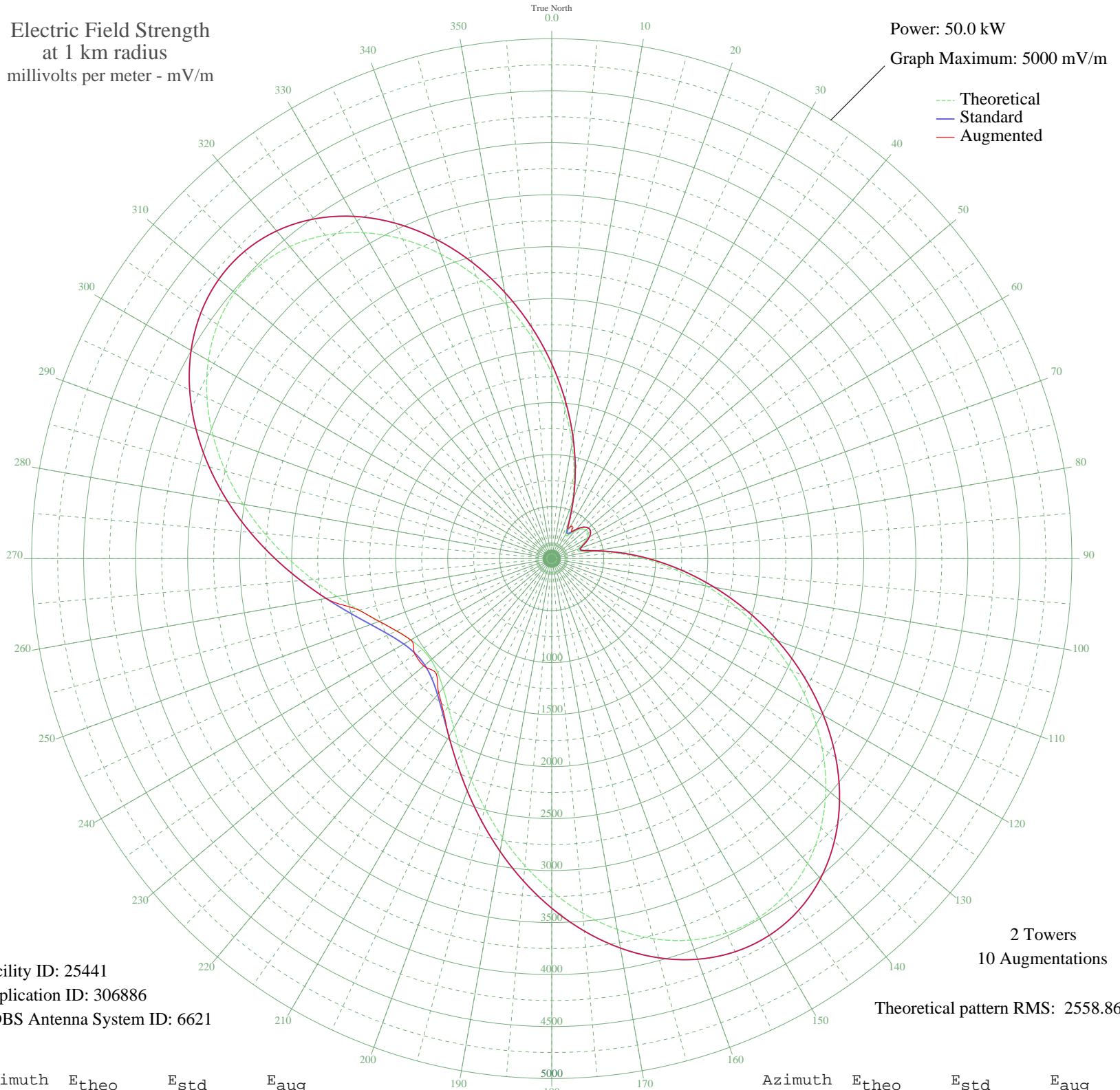


KYW PHILADELPHIA, PA BL-- 1060 kHz

Unlimited Time

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 25441
Application ID: 306886
CDBS Antenna System ID: 6621

2 Towers
10 Augmentations
Theoretical pattern RMS: 2558.86

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1783.08	1873.70	1873.70
5	1443.88	1517.89	1517.89
10	1122.71	1181.18	1181.18
15	829.08	873.70	873.70
20	573.90	607.15	607.15
25	374.93	400.61	400.61
30	268.74	291.78	349.43
35	279.26	302.48	333.17
40	343.37	368.10	368.10
45	401.03	427.58	427.58
50	431.08	458.69	458.69
55	427.67	455.15	455.15
60	391.35	417.57	417.57
65	329.88	354.25	354.25
70	270.07	293.13	296.88
75	280.26	303.50	305.42
80	408.82	435.64	435.64
85	621.19	656.46	656.46
90	885.12	932.34	932.34
95	1185.04	1246.51	1246.51
100	1510.58	1587.85	1587.85
105	1852.23	1946.26	1946.26
110	2200.07	2311.27	2311.27
115	2543.57	2671.78	2671.78
120	2871.77	3016.27	3016.27
125	3173.76	3333.27	3333.27
130	3439.21	3611.94	3611.94
135	3659.03	3842.70	3842.70
140	3825.92	4017.91	4017.91
145	3934.87	4132.28	4132.28
150	3983.50	4183.33	4183.33
155	3972.20	4171.47	4171.47
160	3904.06	4099.93	4099.93
165	3784.62	3974.55	3974.55
170	3621.44	3803.24	3803.24
175	3423.56	3595.50	3595.50

Azimuth	E _{theo}	E _{std}	E _{aug}
180	3200.90	3361.77	3361.77
185	2963.70	3112.78	3112.78
190	2721.99	2859.05	2859.05
195	2485.12	2610.43	2610.43
200	2261.48	2375.72	2375.72
205	2058.32	2162.51	2162.51
210	1881.60	1977.07	1977.07
215	1736.01	1824.32	1810.51
220	1625.06	1707.93	1689.81
225	1551.20	1630.45	1569.11
230	1515.90	1593.42	1606.00
235	1519.83	1597.55	1604.18
240	1562.92	1642.75	1564.28
245	1644.35	1728.16	1646.36
250	1762.45	1852.06	1765.45
255	1914.58	2011.68	1916.73
260	2097.01	2203.12	2203.12
265	2304.79	2421.17	2421.17
270	2531.69	2659.31	2659.31
275	2770.23	2909.69	2909.69
280	3011.82	3163.28	3163.28
285	3246.93	3410.08	3410.08
290	3465.45	3639.48	3639.48
295	3657.16	3840.74	3840.74
300	3812.28	4003.58	4003.58
305	3922.00	4118.77	4118.77
310	3979.14	4178.76	4178.76
315	3978.62	4178.21	4178.21
320	3917.87	4114.43	4114.43
325	3797.05	3987.60	3987.60
330	3619.10	3800.78	3800.78
335	3389.50	3559.75	3559.75
340	3115.96	3272.60	3272.60
345	2807.88	2949.21	2949.21
350	2475.74	2600.58	2600.58
355	2130.50	2238.26	2238.26

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.

06 Nov 2009

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Federal Communications Commission