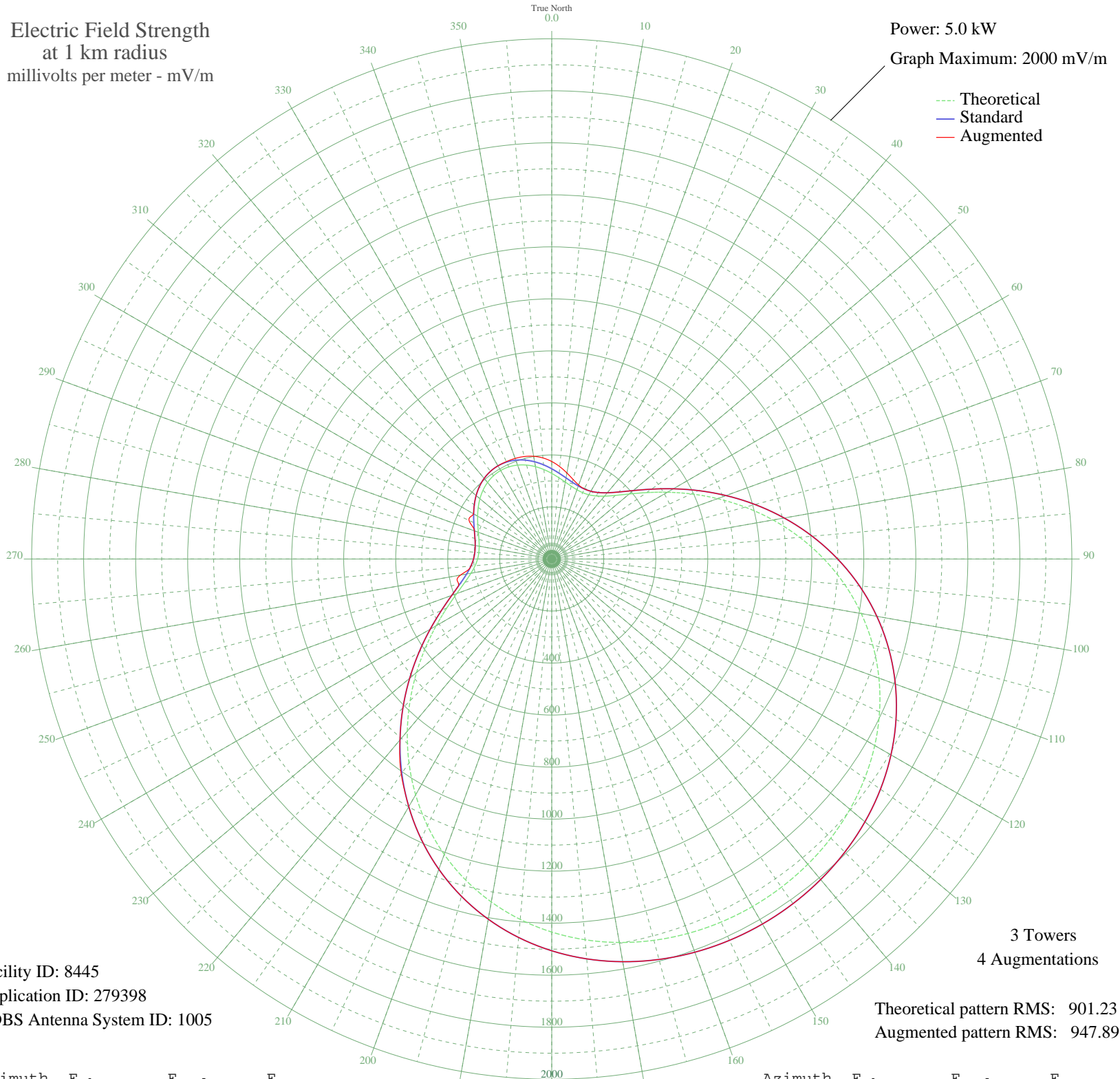


KQV PITTSBURGH, PA BL-19981229AC 1410 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 8445
Application ID: 279398
CDBS Antenna System ID: 1005

3 Towers
4 Augmentations

Theoretical pattern RMS: 901.23
Augmented pattern RMS: 947.89

Azimuth	E _{theo}	E _{std}	E _{aug}
0	329.10	346.74	374.86
5	313.71	330.64	356.17
10	300.25	316.56	335.82
15	289.84	305.68	316.73
20	283.34	298.89	302.61
25	281.49	296.95	297.06
30	285.20	300.83	300.83
35	295.84	311.95	311.95
40	315.33	332.34	332.34
45	345.79	364.21	364.21
50	388.80	409.25	409.25
55	444.85	467.97	467.97
60	513.16	539.58	539.58
65	591.90	622.16	622.16
70	678.55	713.06	713.06
75	770.24	809.26	809.26
80	864.01	907.66	907.66
85	957.03	1005.29	1005.29
90	1046.79	1099.50	1099.50
95	1131.20	1188.11	1188.11
100	1208.66	1269.41	1269.41
105	1278.07	1342.28	1342.28
110	1338.85	1406.08	1406.08
115	1390.83	1460.65	1460.65
120	1434.20	1506.18	1506.18
125	1469.40	1543.13	1543.13
130	1497.00	1572.12	1572.12
135	1517.65	1593.79	1593.79
140	1531.91	1608.76	1608.76
145	1540.26	1617.53	1617.53
150	1543.01	1620.42	1620.42
155	1540.26	1617.53	1617.53
160	1531.91	1608.76	1608.76
165	1517.65	1593.79	1593.79
170	1497.00	1572.12	1572.12
175	1469.40	1543.13	1543.13

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1434.20	1506.18	1506.18
185	1390.83	1460.65	1460.65
190	1338.85	1406.09	1406.09
195	1278.07	1342.28	1342.28
200	1208.66	1269.41	1269.41
205	1131.20	1188.11	1188.11
210	1046.79	1099.50	1099.50
215	957.03	1005.29	1009.15
220	864.01	907.66	908.11
225	770.24	809.26	809.26
230	678.55	713.06	713.06
235	591.90	622.16	622.16
240	513.16	539.58	539.58
245	444.85	467.97	467.97
250	388.80	409.25	409.25
255	345.79	364.21	370.11
260	315.34	332.34	356.54
265	295.84	311.95	311.95
270	285.20	300.83	300.83
275	281.49	296.95	296.95
280	283.34	298.89	298.89
285	289.84	305.68	305.68
290	300.25	316.56	316.56
295	313.71	330.64	351.16
300	329.10	346.74	347.25
305	345.13	363.52	363.52
310	360.45	379.55	379.55
315	373.80	393.53	393.53
320	384.12	404.35	404.35
325	390.64	411.17	411.17
330	392.87	413.51	413.51
335	390.64	411.17	413.09
340	384.12	404.35	411.48
345	373.80	393.53	407.79
350	360.45	379.55	400.92
355	345.13	363.52	390.02