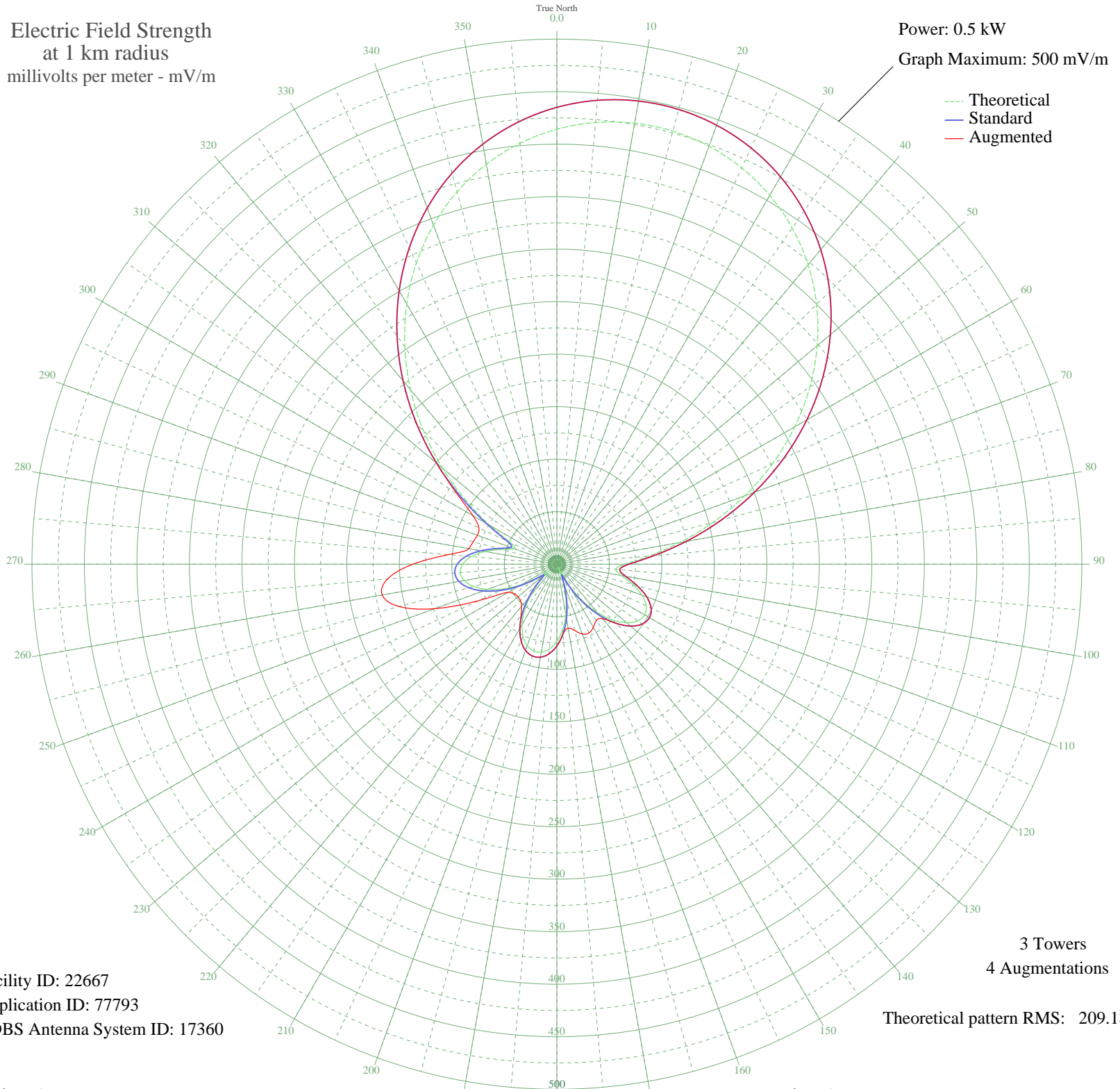


WKZN WEST HAZLETON, PA BL-19850422AJ 1300 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 22667
Application ID: 77793
CDBS Antenna System ID: 17360

3 Towers
4 Augmentations

Theoretical pattern RMS: 209.18

Azimuth	E _{theo}	E _{std}	E _{aug}
0	414.19	435.03	435.03
5	422.19	443.42	443.42
10	426.40	447.84	447.84
15	426.85	448.31	448.31
20	423.55	444.85	444.85
25	416.47	437.42	437.42
30	405.59	426.00	426.00
35	390.85	410.52	410.52
40	372.24	390.99	390.99
45	349.81	367.45	367.45
50	323.69	340.04	340.04
55	294.16	309.05	309.05
60	261.65	274.93	274.93
65	226.80	238.37	238.37
70	190.50	200.30	200.30
75	153.95	161.99	161.99
80	118.80	125.18	125.18
85	87.58	92.55	92.55
90	64.68	68.72	68.72
95	56.27	60.01	60.01
100	62.49	66.45	66.45
105	74.73	79.17	79.17
110	86.17	91.09	91.09
115	93.79	99.04	99.04
120	96.49	101.86	101.86
125	94.05	99.31	99.31
130	86.75	91.69	91.69
135	75.21	79.66	79.66
140	60.24	64.12	67.83
145	42.80	46.15	65.51
150	23.91	27.21	69.34
155	5.19	11.83	72.34
160	15.26	19.16	70.72
165	33.06	36.26	65.40
170	49.10	52.61	61.84
175	62.72	66.69	66.92

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	73.45	77.83	77.83
185	80.96	85.66	85.66
190	85.04	89.91	89.91
195	85.57	90.46	90.46
200	82.55	87.31	87.31
205	76.09	80.58	80.58
210	66.39	70.50	70.50
215	53.82	57.48	59.61
220	38.93	42.21	52.36
225	22.86	26.20	49.04
230	11.21	15.77	48.26
235	21.09	24.51	49.34
240	38.39	41.66	53.47
245	55.37	59.08	82.00
250	70.29	74.54	123.92
255	82.01	86.75	155.71
260	89.61	94.68	168.98
265	92.36	97.55	161.98
270	89.80	94.88	137.10
275	81.90	86.63	103.87
280	69.28	73.50	85.08
285	54.14	57.81	82.47
290	43.20	46.56	80.61
295	49.23	52.75	81.99
300	73.12	77.49	92.33
305	105.72	111.50	115.46
310	142.00	149.47	149.56
315	179.53	188.80	188.80
320	216.75	227.83	227.83
325	252.54	265.37	265.37
330	286.01	300.50	300.50
335	316.53	332.52	332.52
340	343.65	360.98	360.98
345	367.07	385.57	385.57
350	386.66	406.13	406.13
355	402.37	422.62	422.62