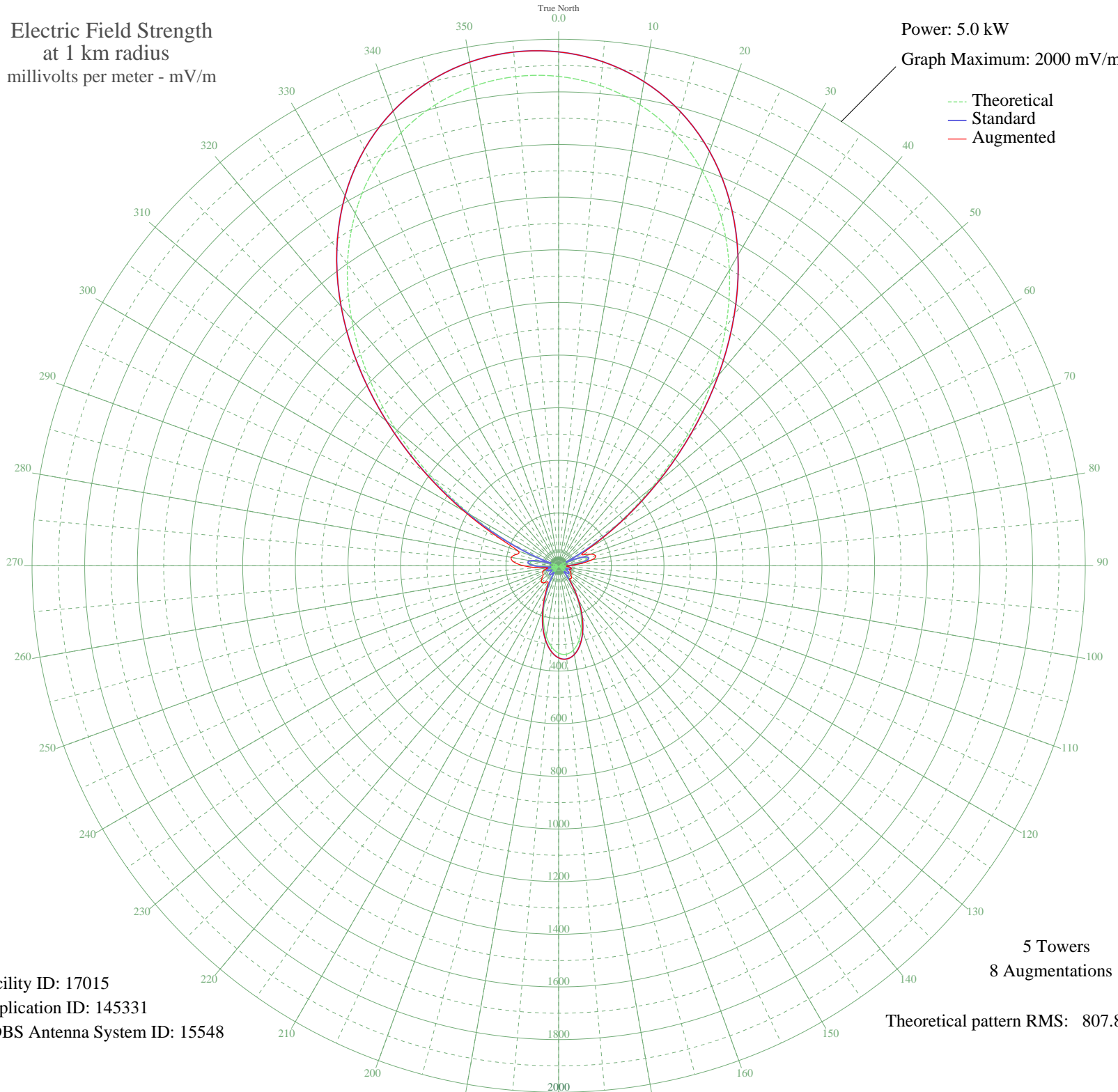


WWMK CLEVELAND, OH BL-19900222AD 1260 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 17015  
Application ID: 145331  
CDBS Antenna System ID: 15548

5 Towers  
8 Augmentations  
Theoretical pattern RMS: 807.89

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1858.79	1951.95	1951.95
5	1830.25	1921.98	1921.98
10	1778.24	1867.38	1867.38
15	1700.64	1785.91	1785.91
20	1595.22	1675.23	1675.23
25	1460.49	1533.80	1533.80
30	1296.75	1361.90	1361.90
35	1106.99	1162.70	1162.70
40	897.72	943.05	943.05
45	679.11	713.66	713.66
50	464.45	488.54	488.54
55	268.60	283.53	285.70
60	105.69	114.72	139.59
65	13.58	32.38	97.25
70	84.33	93.20	128.19
75	108.84	117.92	144.87
80	96.30	105.22	127.92
85	60.87	70.22	77.23
90	18.44	34.93	34.93
95	16.99	34.11	34.11
100	36.23	47.88	47.88
105	36.49	48.10	48.10
110	21.07	36.53	43.07
115	2.39	29.18	48.18
120	24.41	38.75	53.24
125	36.39	48.01	57.62
130	32.44	44.78	62.79
135	10.29	31.01	67.85
140	28.75	41.91	64.68
145	80.54	89.42	89.93
150	139.29	149.12	149.12
155	198.64	210.59	210.59
160	252.56	266.78	266.78
165	295.98	312.13	312.13
170	325.08	342.57	342.57
175	337.46	355.53	355.53

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	332.13	349.95	349.95
185	309.50	326.28	326.28
190	271.43	286.48	286.48
195	221.17	234.04	234.46
200	163.31	173.93	176.61
205	103.56	112.56	121.51
210	48.23	58.40	82.62
215	3.49	29.30	74.05
220	25.76	39.71	83.94
225	36.94	48.47	90.12
230	30.81	43.50	85.80
235	11.89	31.64	75.19
240	12.13	31.74	67.84
245	31.84	44.31	66.90
250	38.55	49.84	63.94
255	26.94	40.56	51.74
260	2.79	29.22	42.63
265	43.87	54.47	81.22
270	83.99	92.86	133.69
275	107.56	116.62	172.00
280	99.31	108.26	182.55
285	47.74	57.95	166.22
290	52.32	62.16	164.07
295	198.78	210.73	250.34
300	383.02	403.22	417.19
305	591.95	622.23	626.16
310	810.70	851.74	852.17
315	1025.13	1076.78	1076.78
320	1223.68	1285.20	1285.20
325	1398.38	1468.59	1468.59
330	1544.88	1622.38	1622.38
335	1661.92	1745.26	1745.26
340	1750.40	1838.15	1838.15
345	1812.37	1903.21	1903.21
350	1850.08	1942.80	1942.80
355	1865.29	1958.77	1958.77

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission