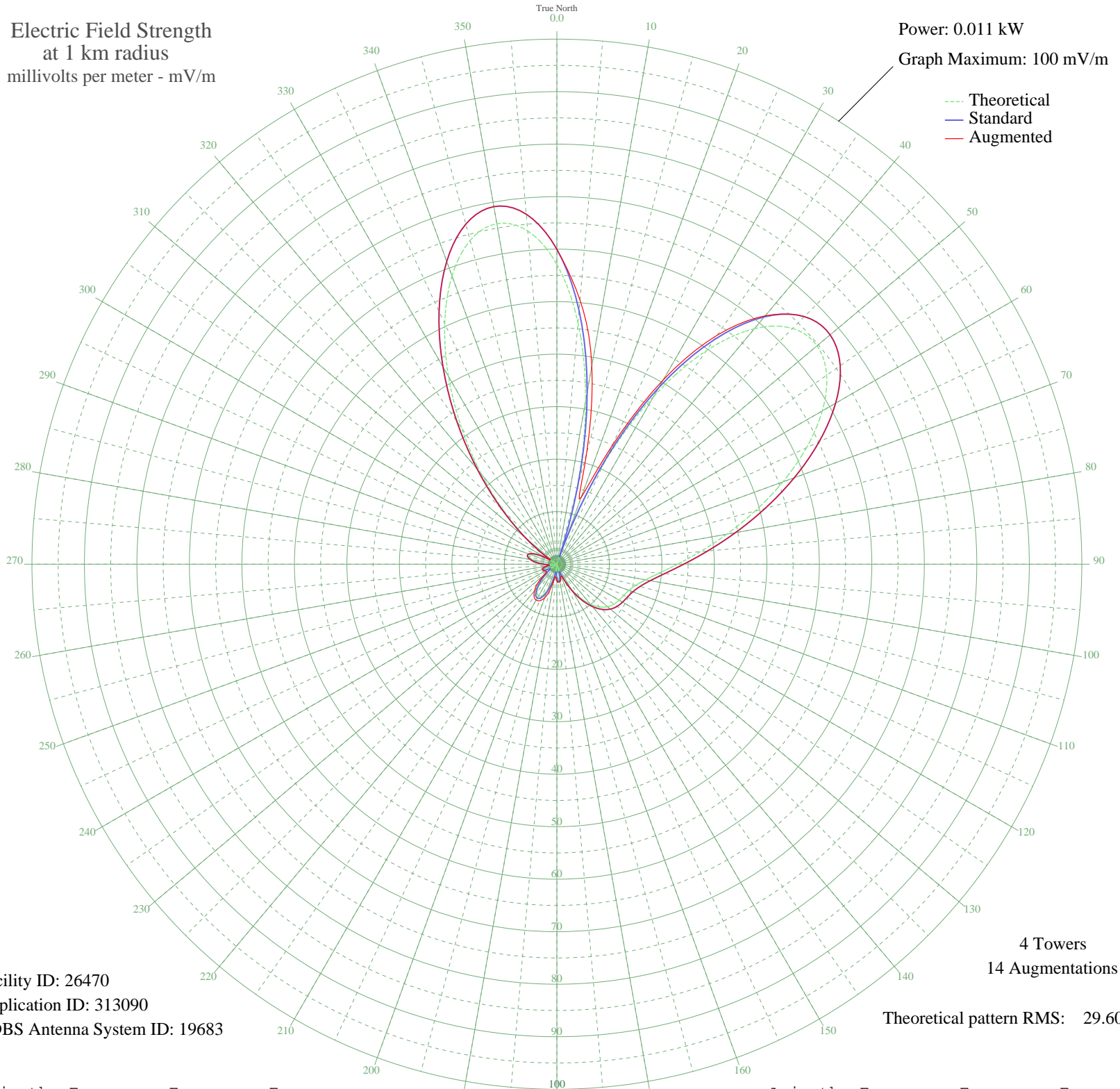


WCSM CELINA, OH BL-- 1350 kHz

Nighttime

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

Power: 0.011 kW
Graph Maximum: 100 mV/m



Facility ID: 26470
Application ID: 313090
CDBS Antenna System ID: 19683

4 Towers
14 Augmentations
Theoretical pattern RMS: 29.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	57.10	59.97	59.97
5	46.17	48.50	50.51
10	31.60	33.21	38.33
15	14.52	15.31	21.88
20	3.61	4.05	13.55
25	21.25	22.36	24.83
30	36.97	38.84	40.55
35	49.63	52.13	53.22
40	58.54	61.48	61.75
45	63.49	66.68	66.68
50	64.70	67.95	67.95
55	62.74	65.89	65.89
60	58.38	61.31	61.31
65	52.46	55.11	55.11
70	45.81	48.12	48.12
75	39.10	41.08	41.08
80	32.86	34.53	34.53
85	27.42	28.83	28.83
90	22.98	24.18	24.18
95	19.58	20.61	20.61
100	17.15	18.07	18.07
105	15.56	16.40	16.40
110	14.60	15.40	15.40
115	14.06	14.83	14.83
120	13.70	14.45	14.45
125	13.28	14.01	14.01
130	12.60	13.30	13.30
135	11.51	12.17	12.17
140	9.93	10.52	10.52
145	7.87	8.39	8.39
150	5.46	5.90	5.90
155	2.90	3.36	3.36
160	0.49	1.50	2.40
165	1.45	2.08	2.83
170	2.65	3.12	3.41
175	2.93	3.39	3.46

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2.25	2.76	3.20
185	0.76	1.62	2.49
190	1.26	1.93	2.87
195	3.41	3.85	5.07
200	5.29	5.74	6.81
205	6.56	7.03	7.67
210	6.99	7.47	7.90
215	6.55	7.02	7.56
220	5.34	5.79	6.63
225	3.63	4.07	5.18
230	1.73	2.30	3.11
235	0.04	1.41	2.40
240	1.42	2.05	2.54
245	2.22	2.73	2.88
250	2.37	2.86	2.91
255	1.90	2.44	2.76
260	0.89	1.70	1.86
265	0.48	1.50	1.55
270	2.01	2.54	2.79
275	3.49	3.93	4.15
280	4.68	5.12	5.19
285	5.35	5.80	5.80
290	5.25	5.69	5.69
295	4.14	4.58	4.58
300	1.80	2.36	2.36
305	1.97	2.51	2.51
310	7.29	7.78	7.78
315	14.14	14.92	14.92
320	22.38	23.54	23.54
325	31.63	33.24	33.24
330	41.30	43.38	43.38
335	50.55	53.10	53.10
340	58.41	61.35	61.35
345	63.83	67.04	67.04
350	65.84	69.15	69.15
355	63.71	66.91	66.91