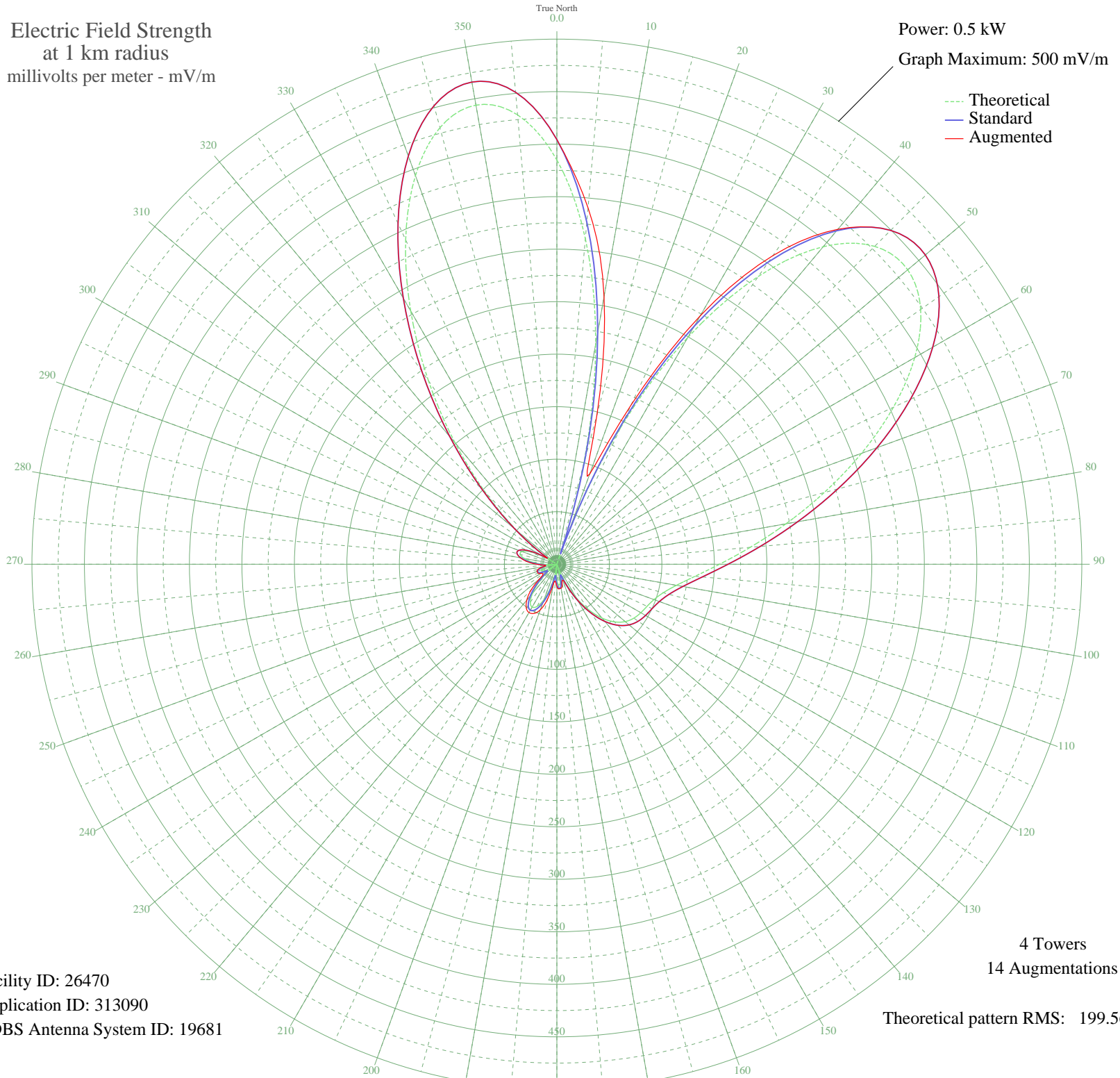


# WCSM CELINA, OH BL-- 1350 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 26470  
Application ID: 313090  
CDBS Antenna System ID: 19681

4 Towers  
14 Augmentations  
Theoretical pattern RMS: 199.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	384.94	404.33	404.33
5	311.26	326.99	340.65
10	213.02	223.92	258.71
15	97.91	103.34	147.81
20	24.34	27.63	91.52
25	143.27	150.80	167.30
30	249.22	261.89	273.19
35	334.58	351.46	358.69
40	394.67	414.54	416.29
45	428.05	449.57	449.57
50	436.21	458.15	458.15
55	422.98	444.25	444.25
60	393.57	413.38	413.38
65	353.71	371.54	371.54
70	308.84	324.45	324.45
75	263.61	276.98	276.98
80	221.51	232.82	232.82
85	184.89	194.42	194.42
90	154.96	163.05	163.05
95	132.03	139.02	139.02
100	115.65	121.89	121.89
105	104.89	110.64	110.64
110	98.45	103.90	103.90
115	94.79	100.08	100.08
120	92.33	97.51	97.51
125	89.51	94.57	94.57
130	84.95	89.81	89.81
135	77.61	82.16	82.16
140	66.95	71.08	71.08
145	53.08	56.71	56.71
150	36.79	40.03	40.03
155	19.55	23.05	23.05
160	3.31	11.06	16.15
165	9.80	14.70	19.21
170	17.89	21.52	23.25
175	19.76	23.26	23.60

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	15.20	19.11	21.24
185	5.14	11.80	16.62
190	8.47	13.76	19.51
195	23.00	26.34	34.53
200	35.69	38.92	46.17
205	44.22	47.60	51.72
210	47.13	50.59	53.11
215	44.13	47.51	50.79
220	36.03	39.26	44.55
225	24.50	27.78	34.71
230	11.67	16.14	21.08
235	0.28	10.50	16.09
240	9.57	14.53	17.40
245	14.98	18.91	19.86
250	16.00	19.81	20.02
255	12.78	17.04	18.41
260	6.02	12.25	12.93
265	3.21	11.03	11.31
270	13.55	17.68	19.19
275	23.53	26.84	28.24
280	31.58	34.78	35.26
285	36.09	39.32	39.32
290	35.42	38.65	38.65
295	27.94	31.16	31.16
300	12.13	16.51	16.51
305	13.29	17.47	17.47
310	49.12	52.63	52.63
315	95.35	100.67	100.67
320	150.90	158.79	158.79
325	213.26	224.17	224.17
330	278.41	292.52	292.52
335	340.81	358.00	358.00
340	393.81	413.64	413.64
345	430.35	451.99	451.99
350	443.89	466.20	466.20
355	429.51	451.11	451.11