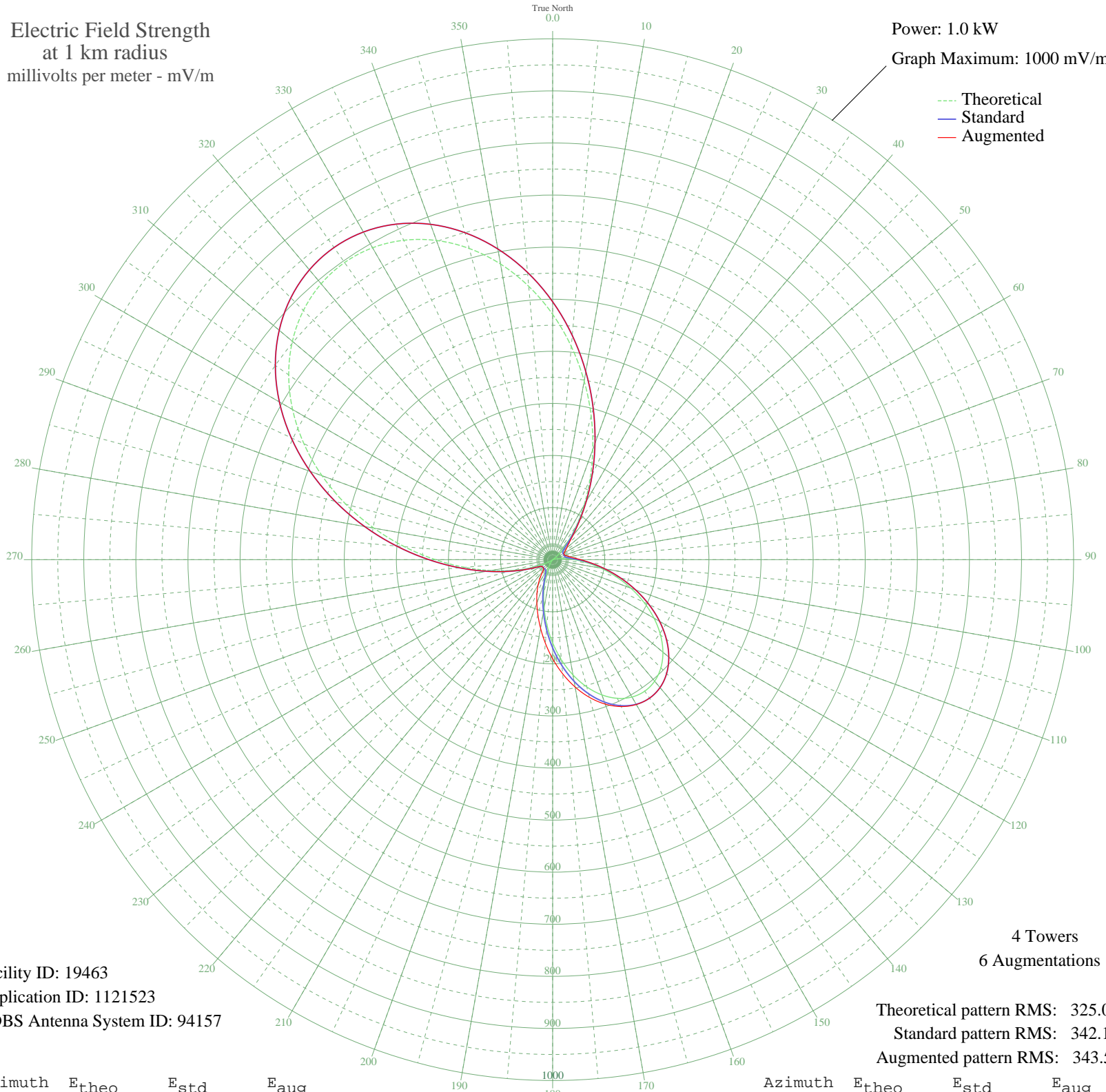


WEOL ELYRIA, OH BL-20060322AFD 930 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 19463
Application ID: 1121523
CDBS Antenna System ID: 94157

4 Towers
6 Augmentations

Theoretical pattern RMS: 325.09
Standard pattern RMS: 342.14
Augmented pattern RMS: 343.51

Azimuth	Etheo	Estd	Eaug
0	471.09	495.20	495.20
5	410.92	432.10	432.10
10	348.34	366.51	366.51
15	285.64	300.83	300.83
20	225.21	237.62	237.62
25	169.38	179.38	179.38
30	120.21	128.37	128.75
35	79.26	86.44	88.35
40	47.39	54.98	59.95
45	24.69	34.91	43.45
50	10.39	25.79	35.17
55	2.97	23.58	29.85
60	0.32	23.38	25.39
65	0.00	23.37	24.14
70	0.51	23.38	24.83
75	3.46	23.65	28.25
80	10.65	25.91	32.84
85	23.23	33.78	40.23
90	41.63	49.57	53.52
95	65.57	72.71	74.33
100	94.17	101.60	101.94
105	126.07	134.42	134.42
110	159.64	169.24	169.24
115	193.10	204.10	204.10
120	224.71	237.11	237.11
125	252.89	266.57	266.57
130	276.27	291.02	291.02
135	293.75	309.32	309.32
140	304.55	320.63	320.63
145	308.21	324.46	324.46
150	304.55	320.63	321.10
155	293.75	309.32	311.17
160	276.27	291.02	295.14
165	252.89	266.57	273.81
170	224.71	237.11	248.26
175	193.10	204.10	219.86

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	159.64	169.24	190.19
185	126.07	134.42	160.93
190	94.17	101.60	133.62
195	65.57	72.71	109.41
200	41.63	49.57	88.73
205	23.23	33.78	71.15
210	10.65	25.91	55.65
215	3.46	23.65	41.44
220	0.51	23.38	29.28
225	0.00	23.37	24.42
230	0.32	23.38	23.65
235	2.97	23.58	23.82
240	10.39	25.79	25.97
245	24.69	34.91	35.00
250	47.39	54.98	55.02
255	79.26	86.44	86.45
260	120.21	128.37	128.37
265	169.38	179.38	179.38
270	225.21	237.62	237.62
275	285.64	300.83	300.83
280	348.34	366.51	366.51
285	410.92	432.10	432.10
290	471.09	495.20	495.20
295	526.82	553.66	553.66
300	576.41	605.68	605.68
305	618.52	649.86	649.86
310	652.15	685.15	685.15
315	676.60	710.81	710.81
320	691.43	726.38	726.38
325	696.40	731.59	731.59
330	691.43	726.38	726.38
335	676.60	710.81	710.81
340	652.14	685.15	685.15
345	618.52	649.86	649.86
350	576.41	605.68	605.68
355	526.82	553.66	553.66