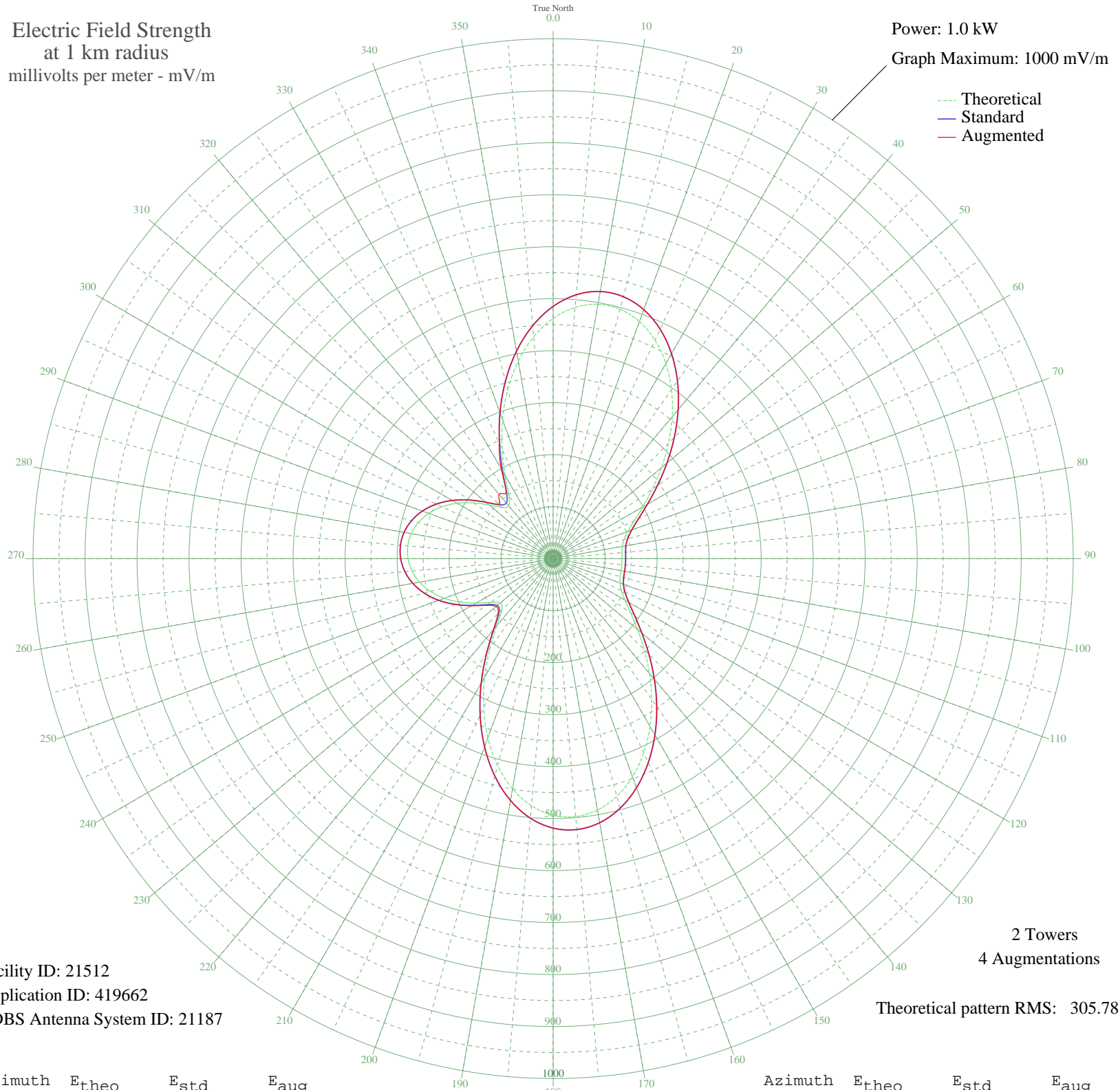


# WSHY LAFAYETTE, IN BL-- 1410 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 21512  
Application ID: 419662  
CDBS Antenna System ID: 21187

2 Towers  
4 Augmentations  
Theoretical pattern RMS: 305.78

Azimuth	Etheo	Estd	Eaug
0	461.93	485.14	485.14
5	485.10	509.47	509.47
10	496.77	521.72	521.72
15	496.67	521.61	521.61
20	485.25	509.62	509.62
25	463.63	486.93	486.93
30	433.47	455.26	455.26
35	396.84	416.81	416.81
40	356.06	374.01	374.01
45	313.56	329.41	329.41
50	271.74	285.52	285.52
55	232.90	244.77	244.77
60	199.12	209.34	209.34
65	172.09	181.00	181.00
70	152.75	160.73	160.73
75	140.89	148.31	148.31
80	135.01	142.14	142.14
85	132.88	139.91	139.91
90	132.45	139.46	139.46
95	132.43	139.45	139.45
100	132.52	139.54	139.54
105	133.42	140.48	140.48
110	136.78	144.00	144.00
115	144.81	152.41	152.41
120	159.55	167.85	167.85
125	182.01	191.40	191.40
130	211.91	222.75	222.75
135	247.94	260.55	260.55
140	288.24	302.83	302.83
145	330.61	347.30	347.30
150	372.72	391.49	391.49
155	412.12	432.86	432.86
160	446.43	468.87	468.87
165	473.41	497.19	497.19
170	491.12	515.78	515.78
175	498.11	523.12	523.12

Azimuth	Etheo	Estd	Eaug
180	493.52	518.30	518.30
185	477.17	501.14	501.14
190	449.64	472.24	472.24
195	412.20	432.94	432.94
200	366.81	385.30	385.30
205	316.05	332.01	332.11
210	263.09	276.44	276.86
215	212.00	222.84	223.87
220	168.29	177.02	178.96
225	139.62	146.98	149.87
230	132.94	139.98	143.23
235	146.48	154.16	156.92
240	170.72	179.56	181.47
245	197.55	207.69	208.80
250	222.64	234.00	234.49
255	243.95	256.37	256.49
260	260.63	273.86	273.86
265	272.32	286.13	286.13
270	278.94	293.08	293.08
275	280.47	294.68	294.68
280	276.91	290.94	290.94
285	268.25	281.86	281.86
290	254.54	267.48	267.48
295	235.95	247.97	247.97
300	212.98	223.87	223.87
305	186.85	196.48	196.48
310	160.35	168.69	168.69
315	139.20	146.53	147.18
320	132.82	139.85	161.92
325	148.74	156.53	157.14
330	184.45	193.95	199.35
335	231.90	243.72	245.26
340	284.30	298.70	298.70
345	336.81	353.81	353.81
350	385.77	405.20	405.20
355	428.26	449.79	449.79

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