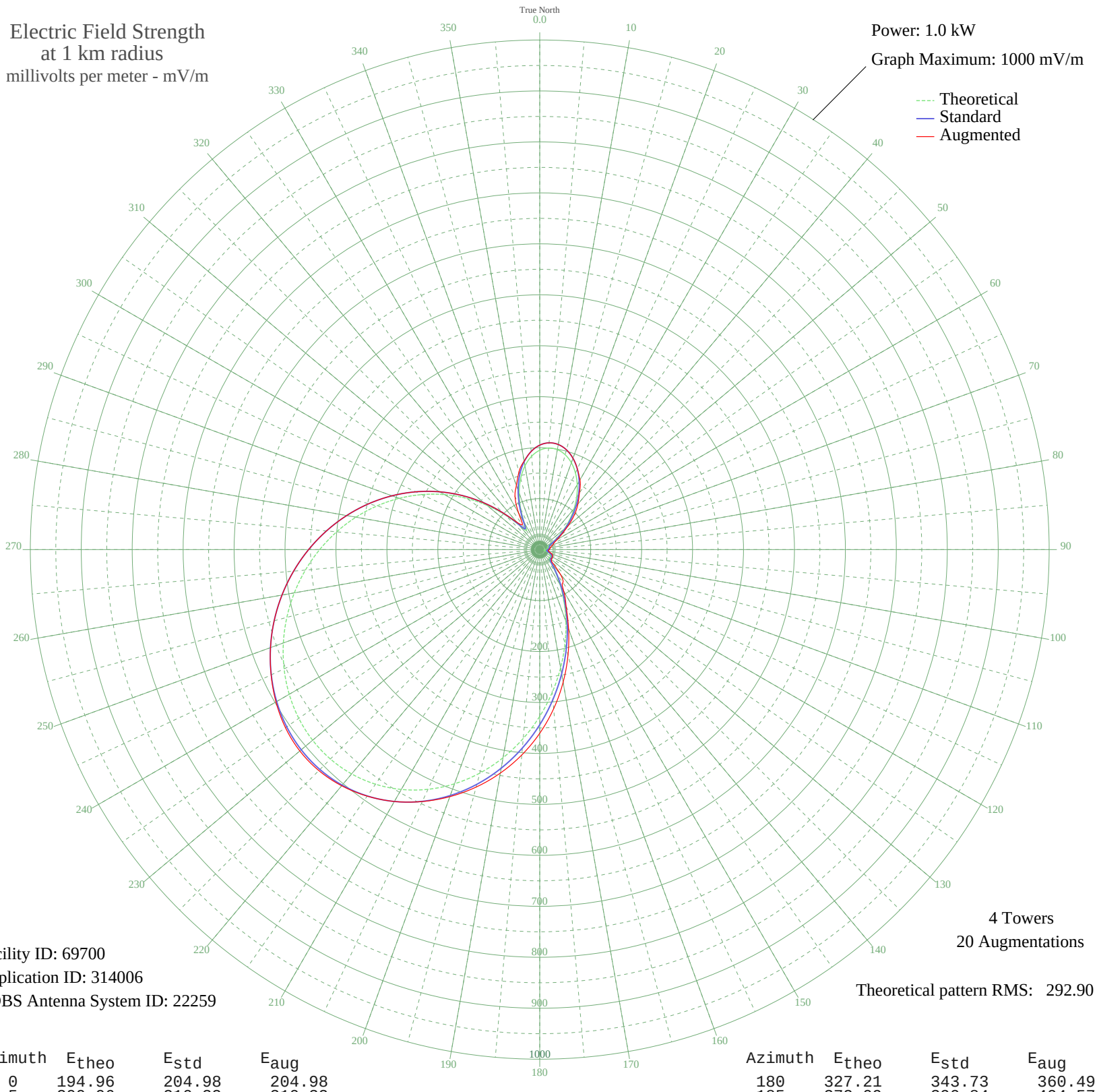
WSPY GENEVA, IL BL-- 1480 kHz

Daytime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

4 Towers
20 Augmentations

Facility ID: 69700
Application ID: 314006
CDBS Antenna System ID: 22259

Theoretical pattern RMS: 292.90

Azimuth	E_{theo}	E_{std}	E_{aug}
0	194.96	204.98	204.98
5	200.06	210.32	210.32
10	199.20	209.42	209.42
15	192.77	202.68	202.68
20	181.38	190.74	190.74
25	165.86	174.47	174.85
30	147.19	154.90	157.99
35	126.43	133.16	136.00
40	104.71	110.45	116.48
45	83.15	87.94	96.01
50	62.83	66.80	72.78
55	44.78	48.18	53.11
60	30.13	33.33	39.52
65	20.19	23.66	30.83
70	16.01	19.82	27.39
75	15.77	19.60	23.37
80	15.84	19.67	20.92
85	14.46	18.46	20.22
90	11.54	16.04	18.52
95	8.44	13.74	17.10
100	8.59	13.84	17.70
105	12.90	17.13	20.79
110	18.18	21.78	25.34
115	22.53	25.88	27.80
120	24.96	28.23	28.80
125	25.14	28.41	29.30
130	24.06	27.36	29.51
135	25.56	28.81	33.09
140	35.16	38.38	62.62
145	53.98	57.64	79.21
150	80.30	84.97	94.26
155	112.73	118.83	122.29
160	150.15	158.01	165.45
165	191.51	201.36	214.38
170	235.64	247.65	264.37
175	281.30	295.56	313.50

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_{theo}	E_{std}	E_{aug}
180	327.21	343.73	360.49
185	372.09	390.84	404.57
190	414.72	435.59	445.31
195	454.02	476.83	482.48
200	489.04	513.60	515.94
205	519.04	545.10	545.49
210	543.49	570.76	570.76
215	562.05	590.24	590.56
220	574.59	603.41	605.00
225	581.17	610.32	613.30
230	582.00	611.19	614.77
235	577.40	606.36	609.37
240	567.82	596.30	597.91
245	553.71	581.49	581.81
250	535.59	562.46	562.46
255	513.93	539.73	539.73
260	489.20	513.76	513.76
265	461.78	484.98	484.98
270	432.00	453.72	453.72
275	400.13	420.27	420.27
280	366.37	384.83	384.83
285	330.88	347.58	347.58
290	293.81	308.68	308.68
295	255.34	268.31	268.31
300	215.72	226.75	226.75
305	175.38	184.45	184.45
310	135.02	142.16	142.16
315	96.07	101.42	101.42
320	62.31	66.26	70.31
325	45.98	49.41	59.55
330	60.05	63.92	82.98
335	88.23	93.24	114.84
340	117.72	124.05	134.04
345	144.47	152.06	157.72
350	166.81	175.47	176.41
355	183.82	193.29	193.29