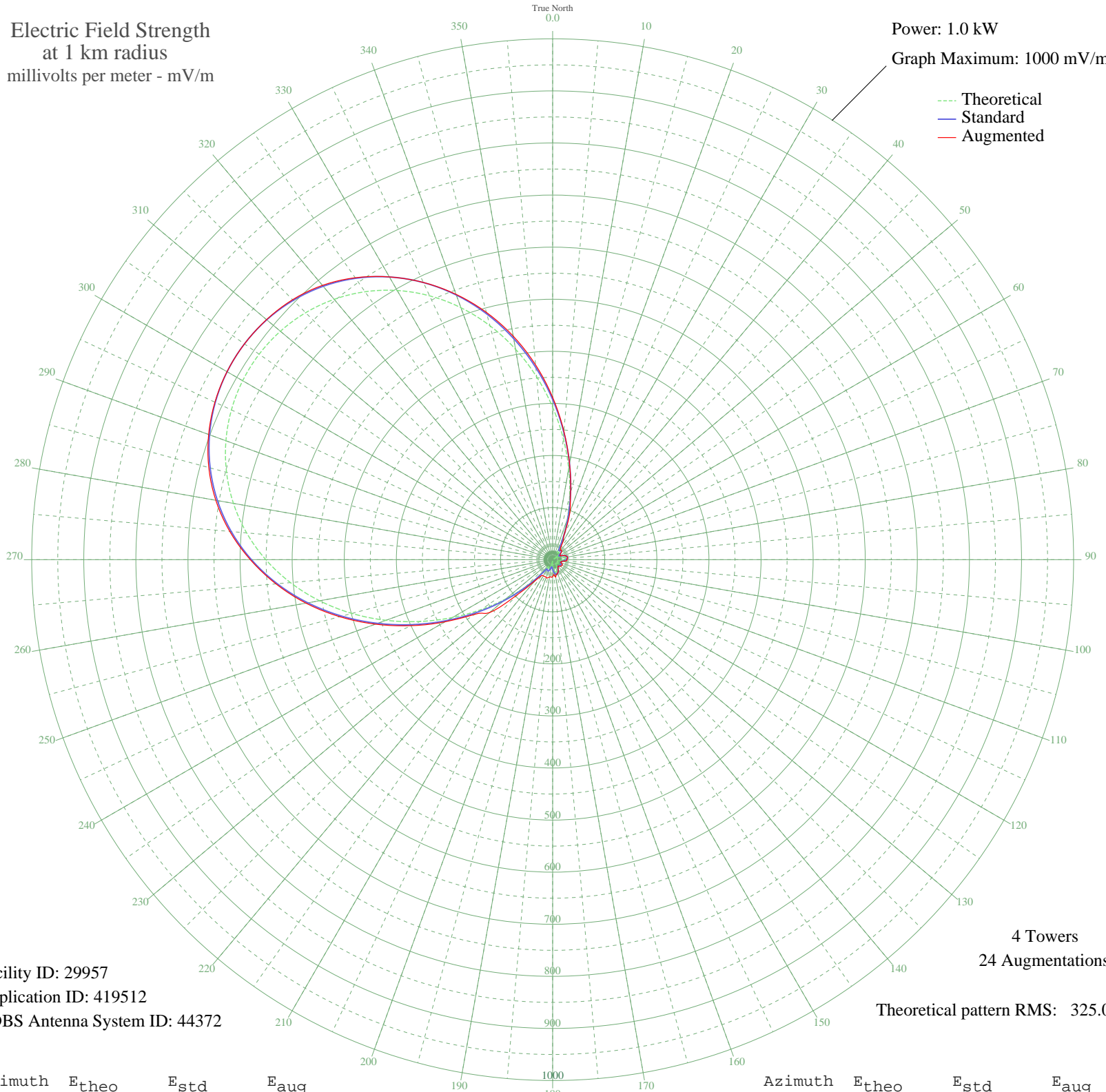


# WXMC PARSIPPANY-TROY HILL, NJ BL-- 1310 kHz

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

Facility ID: 29957  
Application ID: 419512  
CDBS Antenna System ID: 44372

4 Towers  
24 Augmentations

Theoretical pattern RMS: 325.09

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	292.69	307.61	311.70
5	233.62	245.65	247.50
10	177.31	186.64	186.71
15	126.01	132.97	132.97
20	81.80	86.89	96.56
25	46.51	50.58	51.35
30	22.56	27.10	38.80
35	15.09	20.61	26.75
40	18.10	23.12	23.86
45	18.57	23.53	24.62
50	14.60	20.22	21.37
55	7.55	15.38	17.86
60	3.10	13.57	16.38
65	10.69	17.31	17.44
70	17.75	22.83	23.49
75	22.54	27.09	27.09
80	24.59	28.99	28.99
85	23.97	28.41	28.49
90	21.11	25.79	27.05
95	16.82	22.03	26.30
100	12.28	18.43	18.43
105	9.27	16.38	16.38
110	9.36	16.44	17.03
115	11.22	17.67	20.78
120	12.69	18.74	21.08
125	12.83	18.85	20.73
130	11.59	17.93	19.57
135	9.67	16.64	17.84
140	9.03	16.23	16.23
145	11.48	17.86	17.86
150	15.89	21.26	21.26
155	20.33	25.09	25.09
160	23.55	28.02	28.02
165	24.67	29.07	29.07
170	23.17	27.67	33.70
175	18.92	23.83	28.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	12.24	18.41	32.69
185	4.36	13.95	33.54
190	5.98	14.60	33.78
195	13.38	19.26	35.99
200	18.11	23.13	36.65
205	18.55	23.52	35.73
210	15.47	20.91	35.89
215	19.56	24.40	37.83
220	40.70	44.72	53.11
225	73.97	78.77	92.84
230	116.54	123.08	158.07
235	166.58	175.40	183.26
240	222.06	233.54	238.48
245	280.77	295.10	299.95
250	340.43	357.69	362.06
255	398.91	419.06	423.21
260	454.34	477.24	480.87
265	505.27	530.69	533.22
270	550.60	578.28	580.40
275	589.70	619.32	622.17
280	622.22	653.46	656.60
285	648.10	680.63	683.36
290	667.44	700.93	702.75
295	680.39	714.53	715.34
300	687.12	721.60	721.72
305	687.73	722.24	722.24
310	682.23	716.46	716.93
315	670.53	704.18	705.91
320	652.49	685.24	687.47
325	627.93	659.45	660.77
330	596.73	626.71	626.85
335	558.94	587.03	587.24
340	514.81	540.71	542.11
345	464.93	488.35	491.58
350	410.29	431.01	435.80
355	352.28	370.13	375.35

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.

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24 Oct 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission