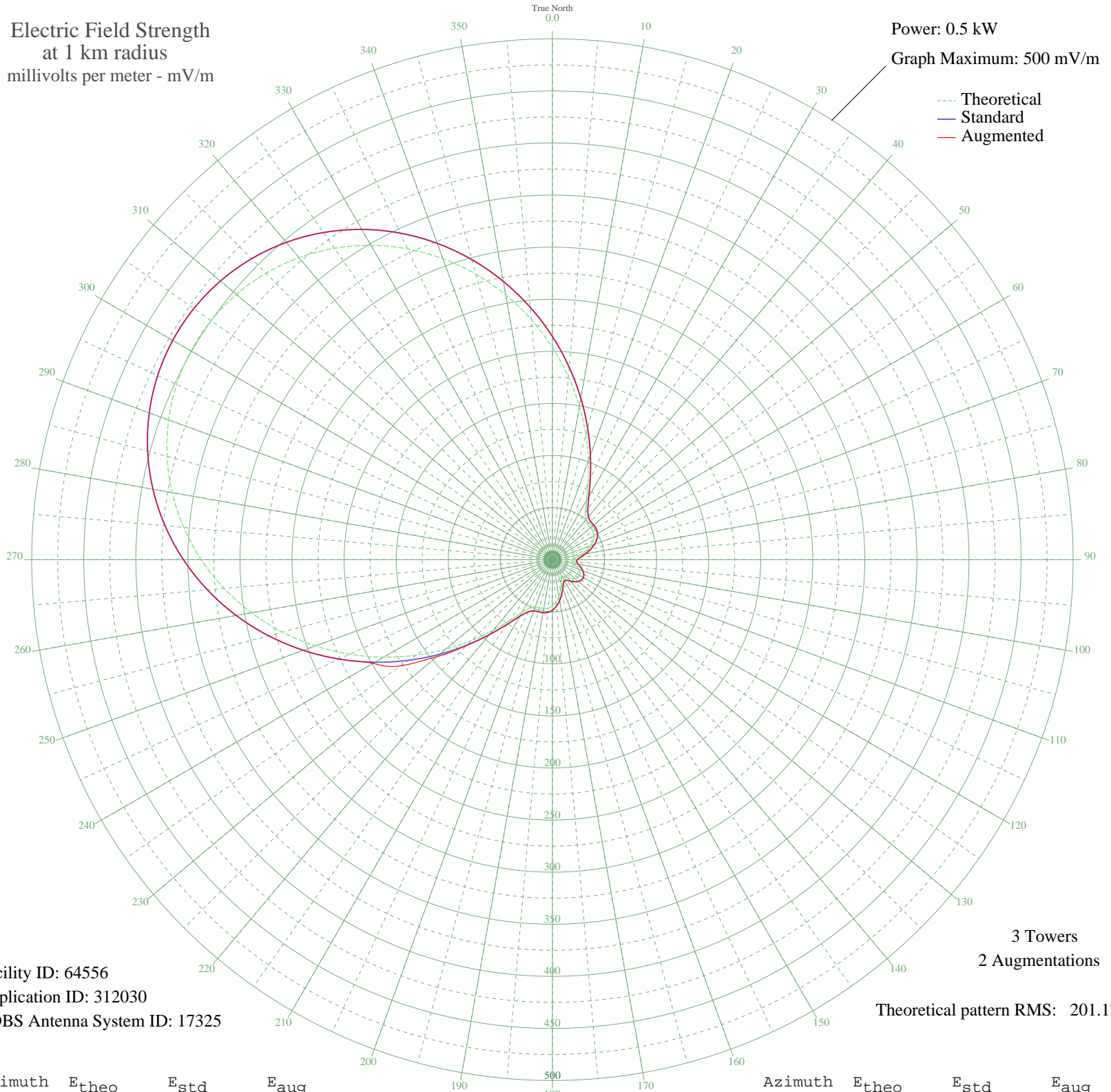


# WRCR SPRING VALLEY, NY BL-- 1300 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 64556  
Application ID: 312030  
CDBS Antenna System ID: 17325

3 Towers  
2 Augmentations

Theoretical pattern RMS: 201.17

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	203.66	214.24	214.24
5	176.13	185.39	185.39
10	149.28	157.28	157.28
15	123.89	130.73	130.73
20	100.83	106.67	106.67
25	81.04	86.09	86.09
30	65.53	70.03	70.03
35	55.09	59.29	59.29
40	49.66	53.75	53.75
45	47.88	51.94	51.94
50	47.70	51.75	51.75
55	47.39	51.44	51.44
60	46.00	50.03	50.03
65	43.17	47.16	47.16
70	38.96	42.93	42.93
75	33.70	37.71	37.71
80	28.01	32.17	32.17
85	22.76	27.22	27.22
90	19.22	24.02	24.02
95	18.54	23.43	23.43
100	20.52	25.18	25.18
105	23.72	28.11	28.11
110	26.85	31.06	31.06
115	29.15	33.27	33.27
120	30.24	34.32	34.32
125	29.97	34.06	34.06
130	28.36	32.51	32.51
135	25.67	29.94	29.94
140	22.39	26.88	26.88
145	19.49	24.26	24.26
150	18.44	23.34	23.34
155	20.34	25.02	25.02
160	24.74	29.06	29.06
165	30.29	34.37	34.37
170	35.90	39.88	39.88
175	40.79	44.77	44.77

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	44.48	48.49	48.49
185	46.72	50.76	50.76
190	47.61	51.66	51.66
195	47.71	51.76	51.76
200	48.29	52.35	52.35
205	51.29	55.41	55.41
210	58.63	62.93	62.93
215	71.16	75.85	75.85
220	88.50	93.83	93.83
225	109.71	115.94	116.24
230	133.81	141.11	144.84
235	159.89	168.39	177.70
240	187.10	196.89	199.02
245	214.71	225.82	225.82
250	242.02	254.45	254.45
255	268.42	282.15	282.15
260	293.38	308.33	308.33
265	316.43	332.51	332.51
270	337.20	354.30	354.30
275	355.36	373.36	373.36
280	370.69	389.44	389.44
285	383.00	402.36	402.36
290	392.17	411.98	411.98
295	398.10	418.20	418.20
300	400.74	420.98	420.98
305	400.08	420.29	420.29
310	396.12	416.13	416.13
315	388.88	408.54	408.54
320	378.45	397.58	397.58
325	364.91	383.38	383.38
330	348.42	366.08	366.08
335	329.19	345.89	345.89
340	307.47	323.10	323.10
345	283.60	298.07	298.07
350	258.01	271.22	271.22
355	231.17	243.08	243.08

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