

# WADS ANSONIA, CT BL-19990617DC 690 kHz

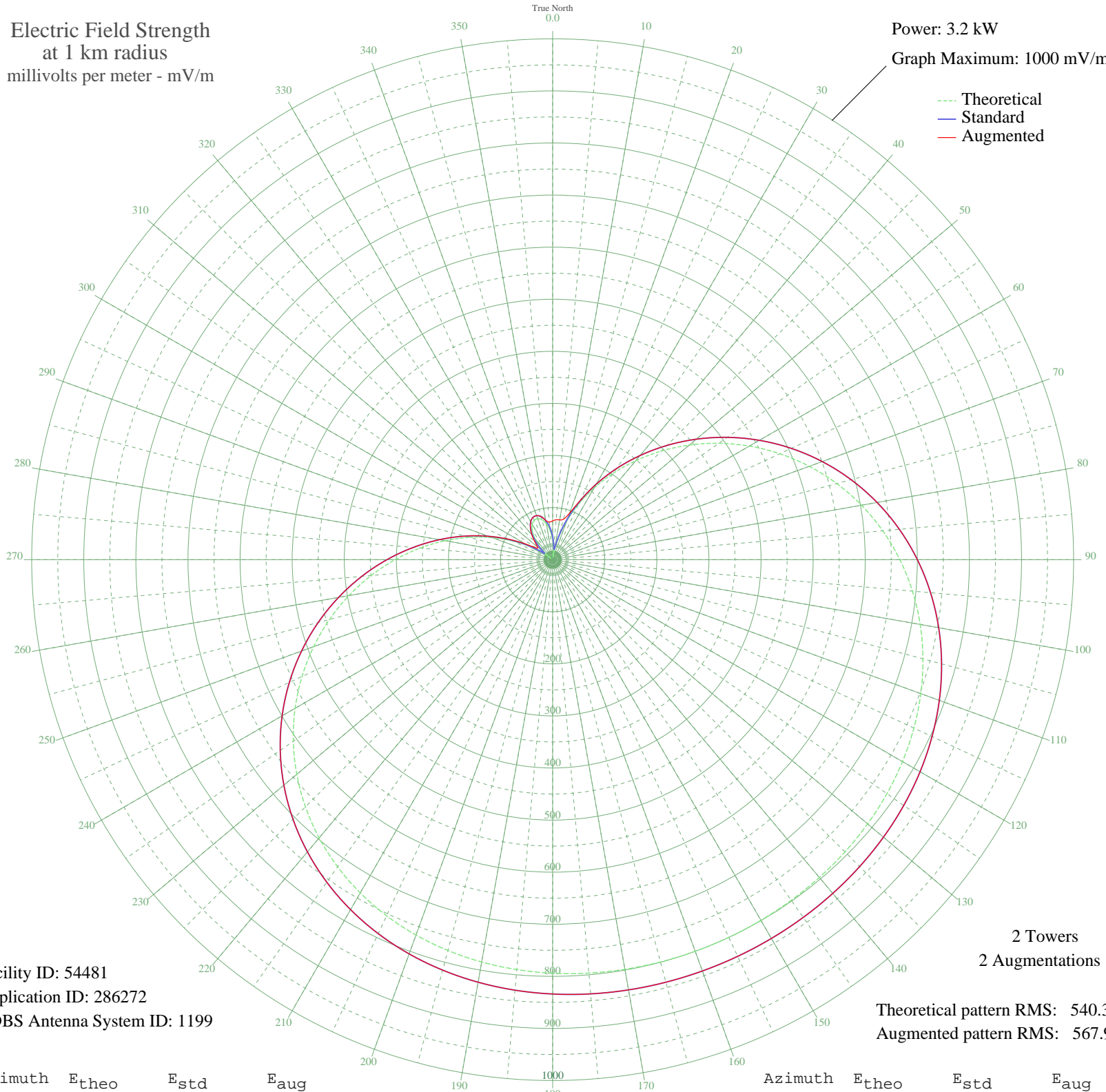
Daytime

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

Power: 3.2 kW

Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 54481  
Application ID: 286272  
CDBS Antenna System ID: 1199

2 Towers  
2 Augmentations  
Theoretical pattern RMS: 540.32  
Augmented pattern RMS: 567.96

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	38.03	44.13	74.35
5	15.42	24.80	76.79
10	13.00	23.22	77.45
15	43.82	49.70	80.45
20	78.77	84.82	94.88
25	117.16	124.44	125.34
30	158.50	167.48	167.48
35	202.27	213.22	213.22
40	247.91	260.98	260.98
45	294.78	310.09	310.09
50	342.21	359.81	359.81
55	389.53	409.44	409.44
60	436.06	458.24	458.24
65	481.13	505.54	505.54
70	524.15	550.68	550.68
75	564.59	593.12	593.12
80	602.00	632.38	632.38
85	636.05	668.12	668.12
90	666.51	700.09	700.09
95	693.28	728.19	728.19
100	716.36	752.42	752.42
105	735.88	772.90	772.90
110	752.02	789.85	789.85
115	765.08	803.56	803.56
120	775.39	814.37	814.37
125	783.30	822.68	822.68
130	789.21	828.88	828.88
135	793.47	833.36	833.36
140	796.43	836.47	836.47
145	798.38	838.51	838.51
150	799.56	839.75	839.75
155	800.12	840.34	840.34
160	800.16	840.38	840.38
165	799.69	839.88	839.88
170	798.62	838.76	838.76
175	796.81	836.86	836.86

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	794.03	833.94	833.94
185	789.99	829.70	829.70
190	784.37	823.81	823.81
195	776.80	815.86	815.86
200	766.91	805.47	805.47
205	754.31	792.25	792.25
210	738.68	775.84	775.84
215	719.72	755.94	755.94
220	697.22	732.32	732.32
225	671.04	704.85	704.85
230	641.17	673.49	673.49
235	607.68	638.34	638.34
240	570.79	599.62	599.62
245	530.81	557.67	557.67
250	488.17	512.92	512.92
255	443.38	465.93	465.93
260	397.05	417.32	417.32
265	349.81	367.78	367.78
270	302.35	318.02	318.02
275	255.34	268.77	268.77
280	209.47	220.74	220.74
285	165.35	174.63	174.63
290	123.59	131.12	131.12
295	84.70	90.89	92.16
300	49.16	54.93	60.07
305	17.56	26.32	39.54
310	11.54	22.35	37.41
315	34.68	40.97	48.36
320	53.78	59.51	61.97
325	68.35	74.18	74.43
330	78.24	84.27	84.27
335	83.40	89.56	89.56
340	83.78	89.95	89.95
345	79.39	85.45	85.45
350	70.25	76.11	76.65
355	56.42	62.15	72.55