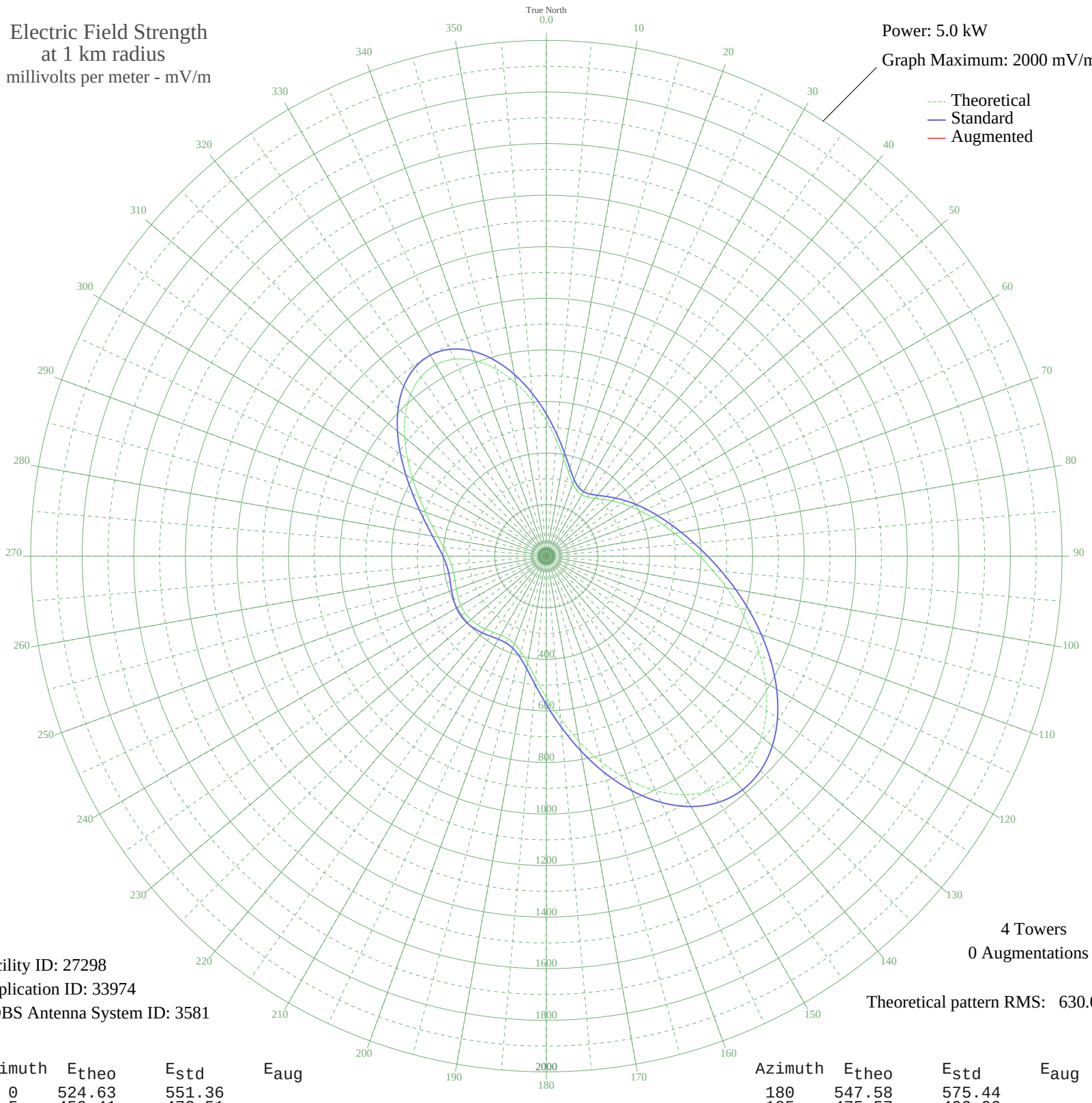
KYST TEXAS CITY, TX BL-19810915AI 920 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 27298
Application ID: 33974
CDBS Antenna System ID: 3581

Theoretical pattern RMS: 630.04

Azimuth	E_{theo}	E_{std}	E_{aug}
0	524.63	551.36	
5	450.41	473.51	
10	386.05	406.03	
15	335.23	352.78	
20	299.91	315.78	
25	280.16	295.10	
30	274.28	288.95	
35	279.45	294.36	
40	292.59	308.12	
45	311.03	327.42	
50	332.73	350.16	
55	356.42	374.98	
60	381.53	401.30	
65	408.18	429.23	
70	437.03	459.48	
75	469.11	493.13	
80	505.57	531.37	
85	547.42	575.27	
90	595.34	625.55	
95	649.58	682.46	
100	709.89	745.76	
105	775.43	814.54	
110	844.56	887.10	
115	914.67	960.69	
120	982.08	1031.45	
125	1042.10	1094.46	
130	1089.48	1144.20	
135	1119.06	1175.25	
140	1126.59	1183.15	
145	1109.55	1165.27	
150	1067.72	1121.35	
155	1003.37	1053.80	
160	921.10	967.44	
165	827.24	868.92	
170	729.02	765.83	
175	633.68	665.78	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	547.58	575.44	
185	475.57	499.90	
190	420.48	442.13	
195	382.93	402.76	
200	361.42	380.22	
205	352.92	371.31	
210	353.69	372.12	
215	359.99	378.72	
220	368.51	387.65	
225	376.56	396.09	
230	382.19	401.98	
235	384.24	404.14	
240	382.52	402.33	
245	377.75	397.33	
250	371.62	390.91	
255	366.52	385.57	
260	365.11	384.08	
265	369.63	388.82	
270	381.33	401.08	
275	400.36	421.03	
280	426.30	448.23	
285	458.84	482.35	
290	498.20	523.64	
295	544.81	572.54	
300	598.44	628.80	
305	657.26	690.52	
310	717.45	753.68	
315	773.48	812.49	
320	819.08	860.35	
325	848.38	891.10	
330	857.00	900.15	
335	842.86	885.31	
340	806.50	847.15	
345	750.95	788.85	
350	681.25	715.70	
355	603.62	634.23	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission