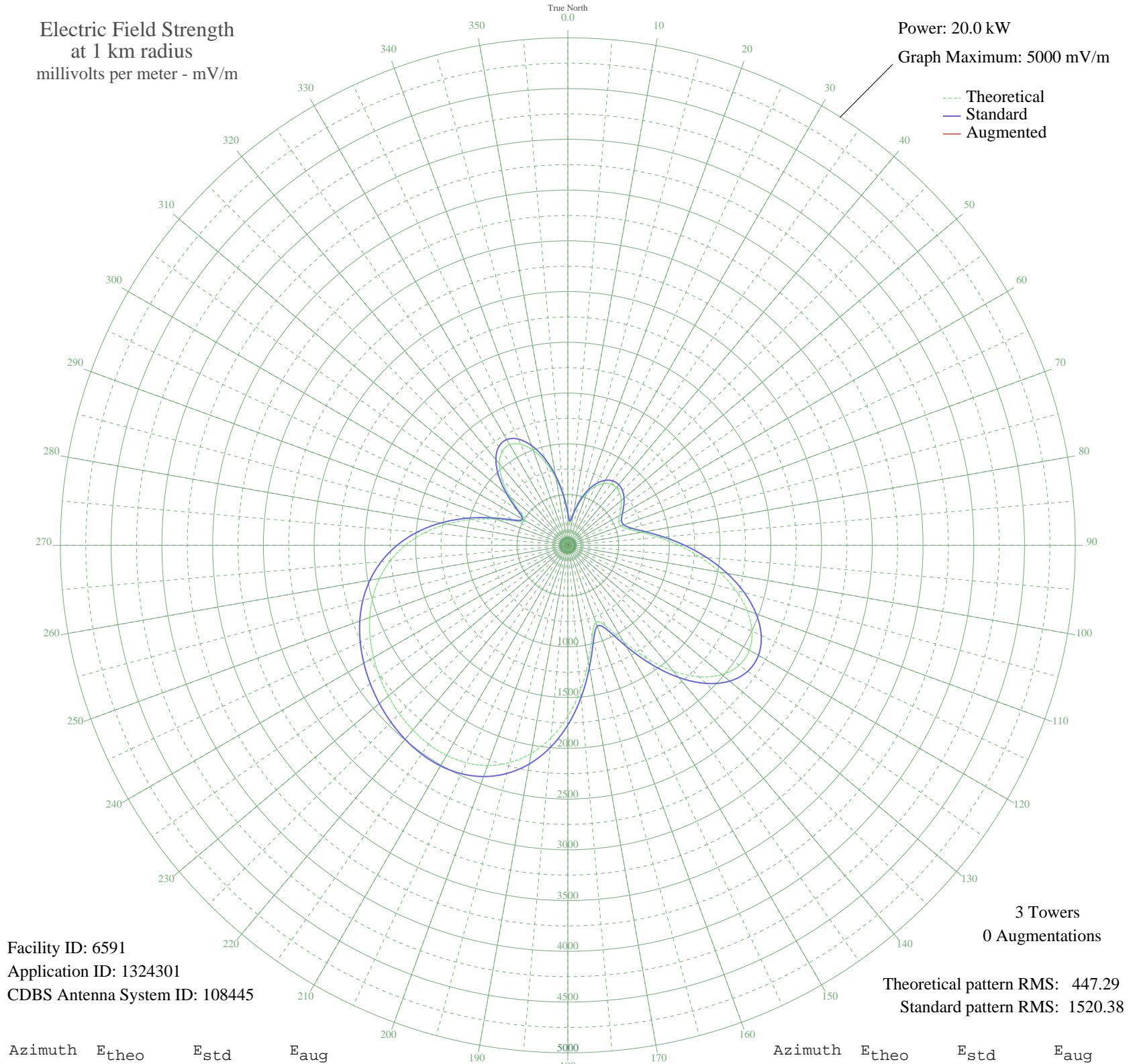


# KSKY BALCH SPRINGS, TX BSTA-20090729AER 660 kHz

Daytime

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

Power: 20.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 6591  
Application ID: 1324301  
CDBS Antenna System ID: 108445

3 Towers  
0 Augmentations

Theoretical pattern RMS: 447.29  
Standard pattern RMS: 1520.38

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	299.95	318.43	
5	224.54	240.40	
10	300.67	319.18	
15	428.30	452.17	
20	546.69	575.94	
25	639.55	673.17	
30	702.65	739.28	
35	736.05	774.28	
40	741.97	780.48	
45	724.02	761.67	
50	687.16	723.04	
55	638.38	671.94	
60	588.44	619.64	
65	554.14	583.74	
70	557.83	587.60	
75	617.75	650.34	
80	735.93	774.16	
85	900.51	946.70	
90	1095.77	1151.51	
95	1306.41	1372.53	
100	1517.53	1594.09	
105	1713.96	1800.27	
110	1880.34	1974.92	
115	2001.77	2102.38	
120	2065.07	2168.84	
125	2060.28	2163.80	
130	1982.18	2081.81	
135	1831.79	1923.95	
140	1617.91	1699.46	
145	1359.43	1428.17	
150	1090.79	1146.29	
155	874.82	919.76	
160	806.25	847.87	
165	927.29	974.79	
170	1163.39	1222.46	
175	1430.99	1503.28	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1685.26	1770.15	
185	1905.43	2001.25	
190	2083.02	2187.68	
195	2216.49	2327.79	
200	2308.48	2424.35	
205	2364.07	2482.72	
210	2389.54	2509.45	
215	2391.33	2511.34	
220	2375.37	2494.59	
225	2346.54	2464.31	
230	2308.32	2424.19	
235	2262.67	2376.26	
240	2209.94	2320.91	
245	2148.94	2256.88	
250	2077.09	2181.45	
255	1990.69	2090.76	
260	1885.43	1980.26	
265	1756.97	1845.41	
270	1601.79	1682.54	
275	1418.35	1490.01	
280	1208.46	1269.76	
285	979.62	1029.67	
290	749.81	788.70	
295	560.08	589.95	
300	489.18	515.78	
305	577.31	608.00	
310	745.36	784.03	
315	915.56	962.48	
320	1049.52	1102.99	
325	1128.70	1186.06	
330	1145.17	1203.34	
335	1098.61	1154.50	
340	994.94	1045.74	
345	845.09	888.59	
350	664.15	698.93	
355	471.79	497.60	

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