

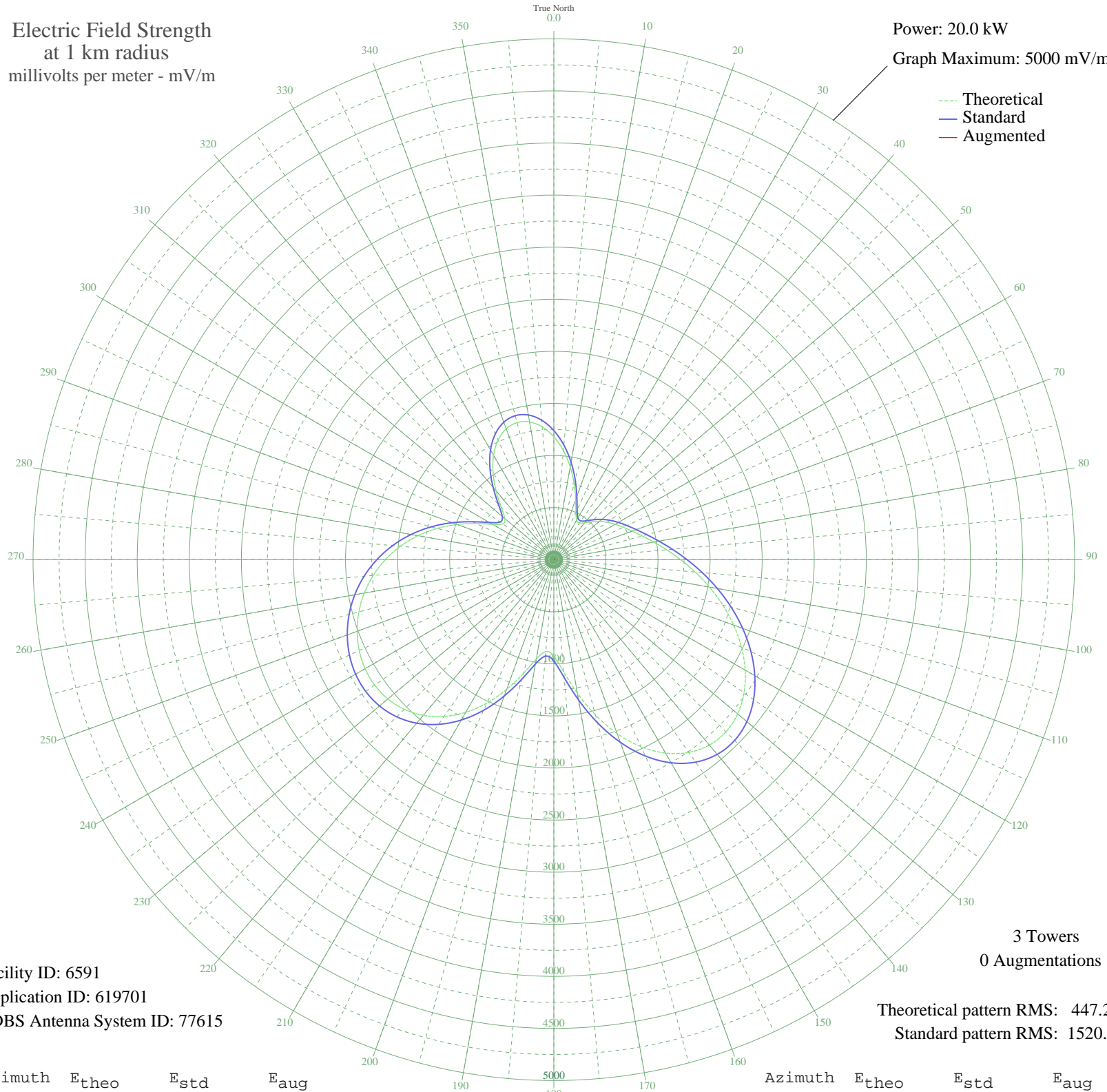
# KSKY BALCH SPRINGS, TX BL-20021125ABT 660 kHz

Daytime

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

Power: 20.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 6591  
Application ID: 619701  
CDBS Antenna System ID: 77615

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	1179.39	1239.25	
5	1050.78	1104.32	
10	904.48	950.86	
15	753.47	792.54	
20	613.15	645.52	
25	501.77	528.95	
30	438.02	462.31	
35	429.36	453.26	
40	462.14	487.51	
45	514.25	542.00	
50	570.69	601.06	
55	625.69	658.65	
60	679.66	715.19	
65	736.48	774.73	
70	801.40	842.77	
75	879.44	924.60	
80	974.14	1023.92	
85	1086.93	1142.24	
90	1217.05	1278.77	
95	1361.90	1430.77	
100	1517.33	1593.89	
105	1677.93	1762.45	
110	1837.18	1929.61	
115	1987.62	2087.53	
120	2121.13	2227.68	
125	2229.23	2341.16	
130	2303.67	2419.30	
135	2337.01	2454.31	
140	2323.39	2440.02	
145	2259.24	2372.67	
150	2143.94	2251.63	
155	1980.49	2080.05	
160	1776.12	1865.52	
165	1543.24	1621.08	
170	1301.25	1367.12	
175	1080.33	1135.32	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	925.34	972.74	
185	884.65	930.06	
190	967.56	1017.02	
195	1131.28	1188.77	
200	1325.84	1392.93	
205	1518.75	1595.38	
210	1692.32	1777.55	
215	1837.60	1930.05	
220	1950.81	2048.89	
225	2031.25	2133.33	
230	2080.11	2184.62	
235	2099.64	2205.13	
240	2092.58	2197.71	
245	2061.65	2165.24	
250	2009.32	2110.31	
255	1937.56	2034.98	
260	1847.80	1940.76	
265	1740.97	1828.63	
270	1617.70	1699.23	
275	1478.60	1553.24	
280	1324.87	1391.91	
285	1159.12	1217.98	
290	986.86	1037.27	
295	819.22	861.46	
300	677.79	713.23	
305	598.45	630.13	
310	614.18	646.60	
315	715.96	753.23	
320	862.50	906.84	
325	1017.37	1069.27	
330	1157.03	1215.79	
335	1266.54	1330.70	
340	1336.58	1404.19	
345	1362.16	1431.04	
350	1342.26	1410.15	
355	1279.40	1344.19	

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