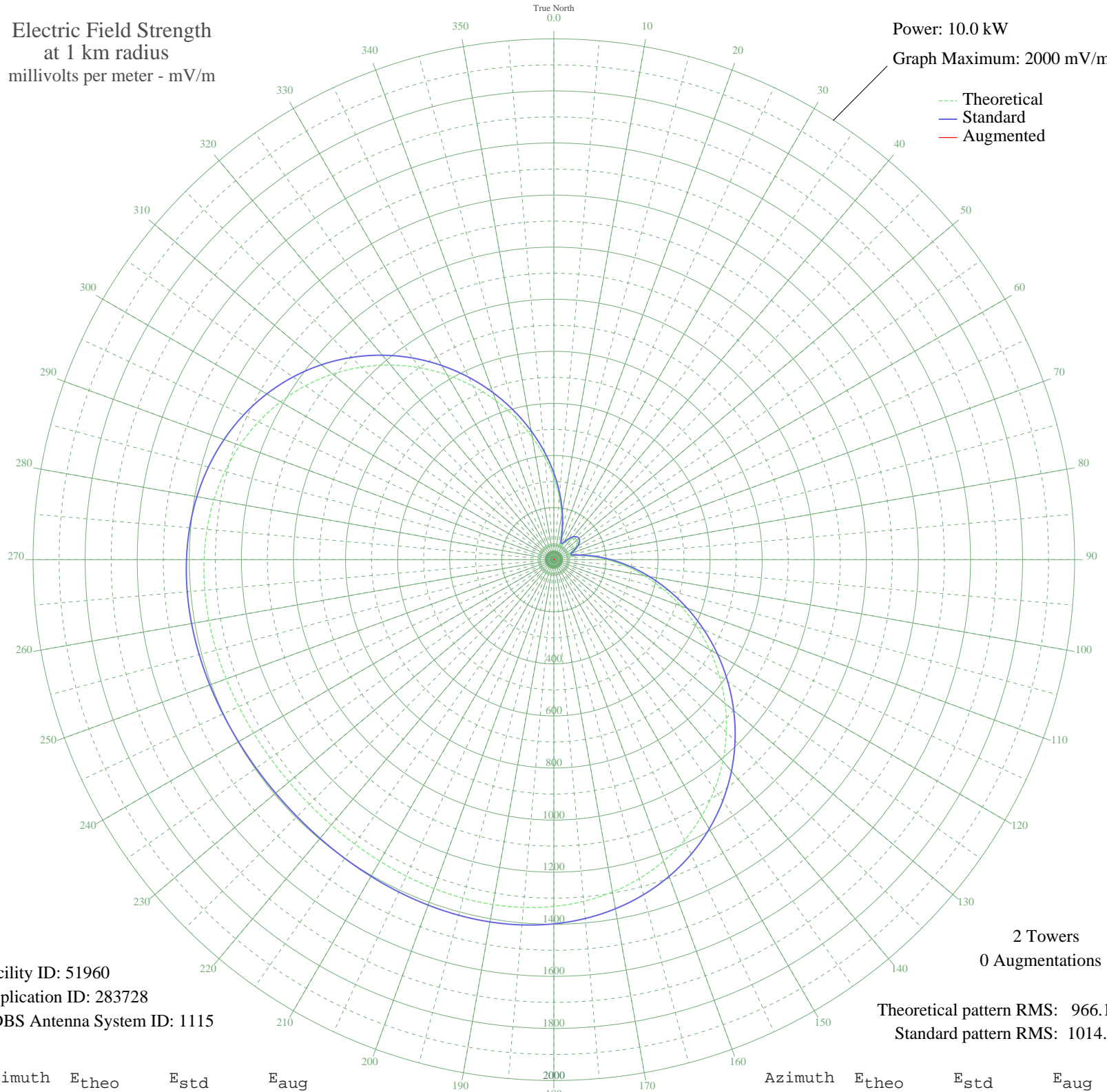


# KUBR SAN JUAN, TX BL-19990409DD 1210 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 51960  
Application ID: 283728  
CDBS Antenna System ID: 1115

2 Towers  
0 Augmentations

Theoretical pattern RMS: 966.12  
Standard pattern RMS: 1014.97

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	315.41	332.84	
5	241.84	256.10	
10	175.20	186.93	
15	117.68	127.95	
20	74.08	84.57	
25	56.09	67.61	
30	67.27	78.05	
35	87.31	97.51	
40	104.09	114.23	
45	114.05	124.27	
50	116.15	126.40	
55	110.21	120.39	
60	96.76	106.89	
65	77.68	88.06	
70	59.44	70.70	
75	60.58	71.75	
80	92.74	102.88	
85	143.95	154.76	
90	206.21	219.05	
95	276.39	292.10	
100	352.72	371.84	
105	433.74	456.64	
110	518.04	544.95	
115	604.14	635.22	
120	690.56	725.85	
125	775.77	815.24	
130	858.30	901.83	
135	936.76	984.16	
140	1009.90	1060.92	
145	1076.68	1131.00	
150	1136.27	1193.54	
155	1188.12	1247.96	
160	1231.97	1293.99	
165	1267.83	1331.63	
170	1295.98	1361.19	
175	1316.96	1383.21	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1331.49	1398.46	
185	1340.45	1407.87	
190	1344.83	1412.46	
195	1345.65	1413.33	
200	1343.96	1411.55	
205	1340.73	1408.16	
210	1336.86	1404.10	
215	1333.12	1400.17	
220	1330.13	1397.03	
225	1328.31	1395.12	
230	1327.92	1394.71	
235	1329.01	1395.86	
240	1331.44	1398.41	
245	1334.86	1402.00	
250	1338.75	1406.08	
255	1342.41	1409.93	
260	1345.02	1412.66	
265	1345.63	1413.31	
270	1343.24	1410.79	
275	1336.79	1404.02	
280	1325.27	1391.93	
285	1307.75	1373.54	
290	1283.40	1347.98	
295	1251.60	1314.60	
300	1211.92	1272.95	
305	1164.22	1222.88	
310	1108.60	1164.50	
315	1045.48	1098.25	
320	975.53	1024.84	
325	899.69	945.26	
330	819.11	860.71	
335	735.11	772.58	
340	649.14	682.40	
345	562.68	591.75	
350	477.26	502.22	
355	394.36	415.40	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission