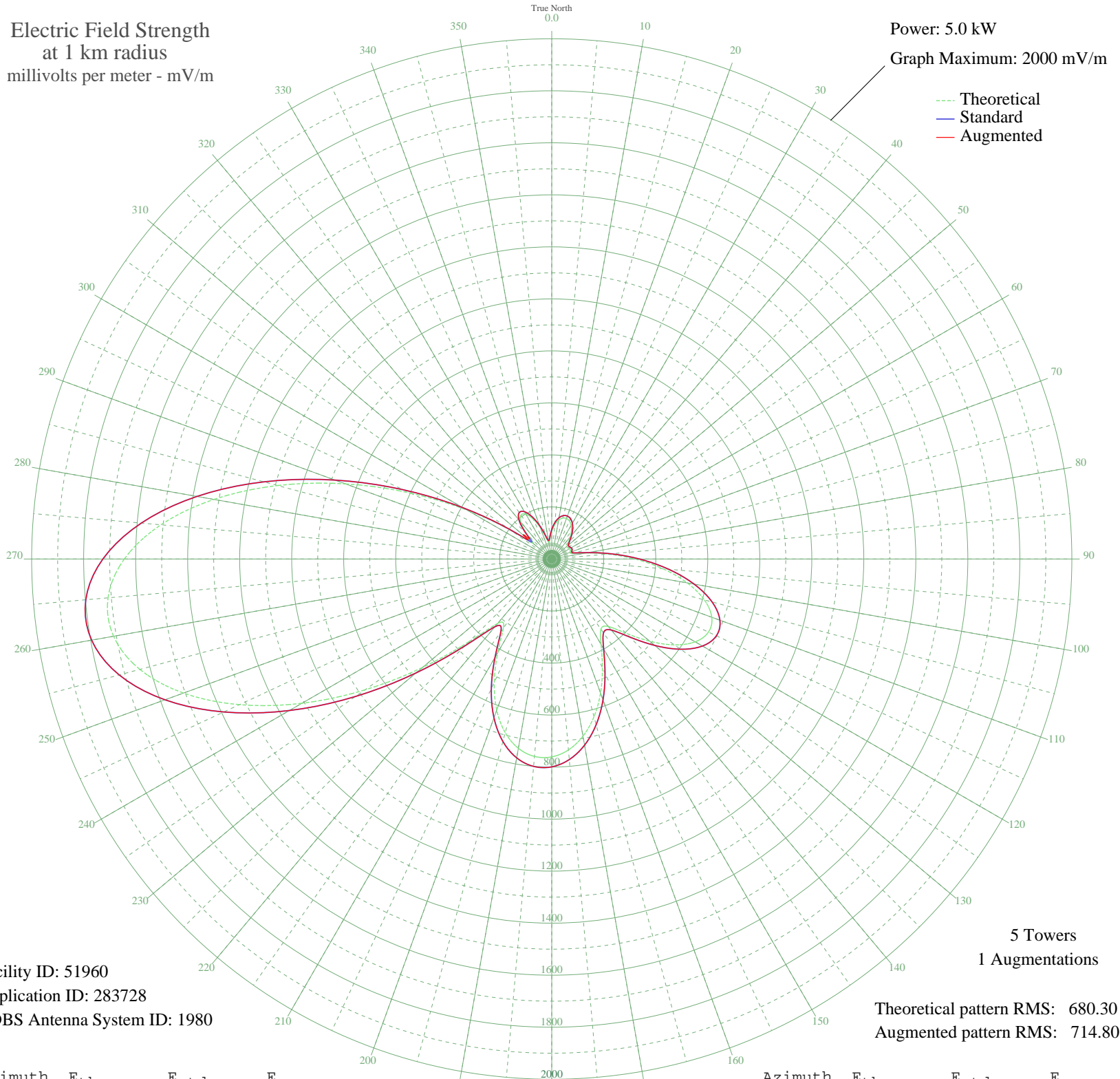


# KUBR SAN JUAN, TX BL-19990409DD 1210 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 51960  
Application ID: 283728  
CDBS Antenna System ID: 1980

Theoretical pattern RMS: 680.30  
Augmented pattern RMS: 714.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	105.50	113.24	113.24
5	132.16	140.74	140.74
10	151.71	161.01	161.01
15	162.90	172.65	172.65
20	165.85	175.71	175.71
25	161.09	170.77	170.77
30	149.38	158.59	158.59
35	131.82	140.39	140.39
40	110.59	118.47	118.47
45	89.95	97.32	97.32
50	76.59	83.78	83.78
55	74.83	82.01	82.01
60	79.00	86.21	86.21
65	79.37	86.58	86.58
70	74.28	81.46	81.46
75	83.08	90.34	90.34
80	132.59	141.19	141.19
85	216.93	228.98	228.98
90	320.43	337.27	337.27
95	429.02	451.08	451.08
100	529.00	555.95	555.95
105	607.68	638.50	638.50
110	655.00	688.15	688.15
115	665.02	698.67	698.67
120	636.96	669.22	669.22
125	575.60	604.84	604.84
130	491.74	516.86	516.86
135	403.47	424.29	424.29
140	338.86	356.57	356.57
145	329.57	346.84	346.84
150	379.58	399.25	399.25
155	461.14	484.76	484.76
160	548.54	576.45	576.45
165	627.77	659.58	659.58
170	691.78	726.75	726.75
175	736.86	774.06	774.06

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	760.79	799.17	799.17
185	761.95	800.39	800.39
190	739.05	776.35	776.35
195	691.16	726.09	726.09
200	618.31	649.65	649.65
205	523.03	549.69	549.69
210	414.76	436.13	436.13
215	324.04	341.05	341.05
220	323.00	339.96	339.96
225	449.05	472.08	472.08
230	648.88	681.73	681.73
235	877.48	921.65	921.65
240	1109.36	1165.06	1165.06
245	1325.06	1391.51	1391.51
250	1507.07	1582.60	1582.60
255	1639.82	1721.98	1721.98
260	1710.94	1796.64	1796.64
265	1712.76	1798.56	1798.56
270	1643.68	1726.03	1726.03
275	1508.69	1584.29	1584.29
280	1319.07	1385.22	1385.22
285	1091.18	1145.98	1145.98
290	844.49	887.03	887.03
295	599.25	629.65	629.65
300	374.77	394.21	394.21
305	190.75	201.66	201.66
310	93.03	100.46	100.46
315	133.31	141.93	141.93
320	185.05	195.72	195.72
325	206.40	217.98	217.98
330	198.72	209.97	209.97
335	169.65	179.67	179.67
340	128.59	137.05	137.05
345	87.14	94.46	94.46
350	64.46	71.64	71.64
355	77.06	84.25	84.25

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission