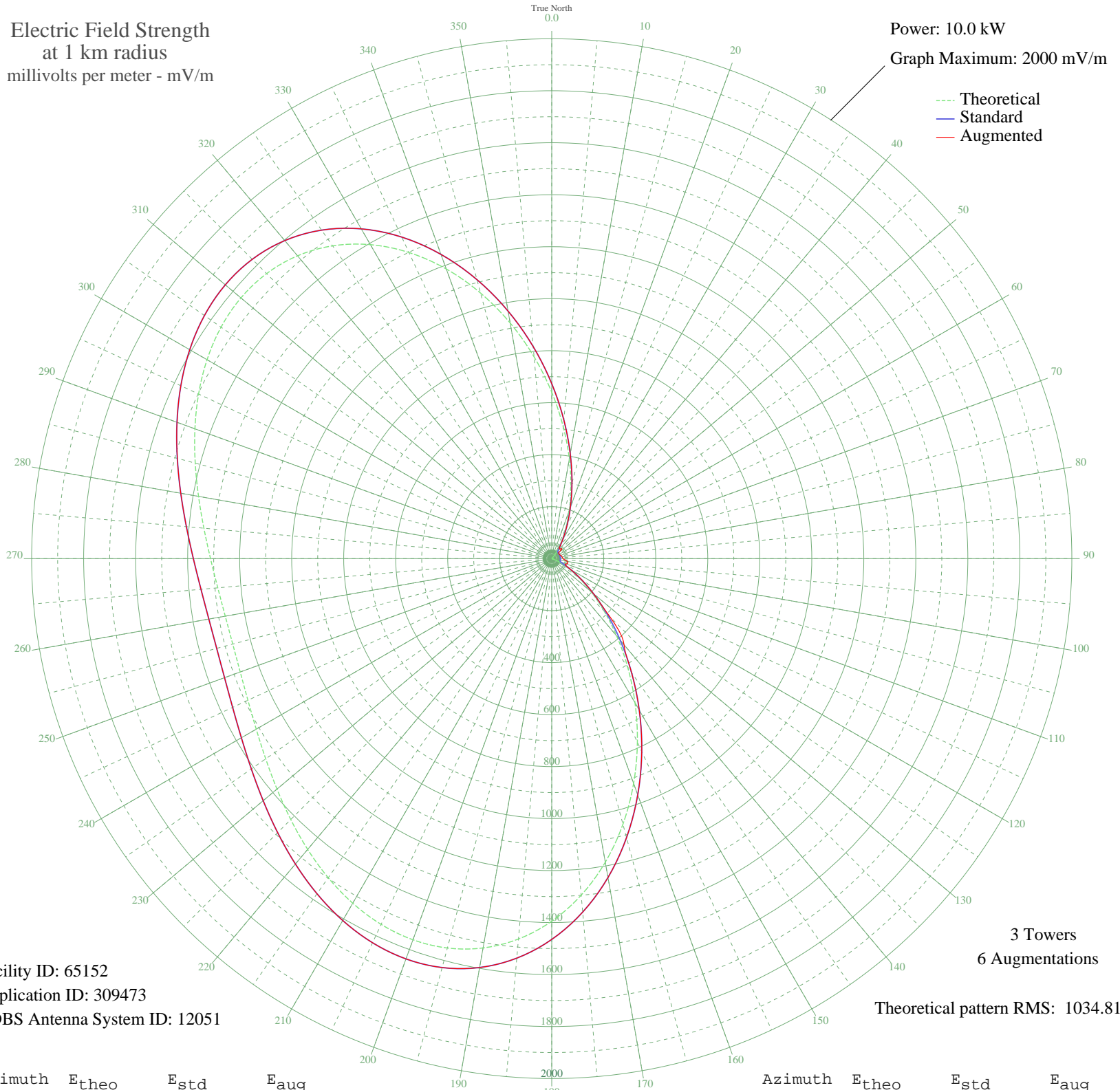


KGYN GUYMON, OK BL-- 1210 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 65152
Application ID: 309473
CDBS Antenna System ID: 12051

3 Towers
6 Augmentations

Theoretical pattern RMS: 1034.81

Azimuth	E _{theo}	E _{std}	E _{aug}
0	640.26	673.09	673.09
5	508.62	535.08	535.08
10	388.81	409.60	409.60
15	284.13	300.17	300.17
20	196.54	209.02	209.02
25	126.67	137.08	137.08
30	73.94	84.44	84.44
35	36.79	50.94	50.94
40	12.95	35.88	48.28
45	0.25	33.20	54.56
50	5.62	33.72	33.72
55	5.85	33.77	33.77
60	3.34	33.39	33.39
65	0.08	33.20	34.59
70	2.48	33.31	37.30
75	3.43	33.40	38.62
80	2.48	33.31	39.81
85	0.08	33.20	42.15
90	3.34	33.39	43.45
95	5.85	33.77	49.80
100	5.62	33.72	60.09
105	0.25	33.20	64.37
110	12.95	35.88	59.73
115	36.79	50.94	57.92
120	73.94	84.44	84.44
125	126.67	137.08	137.08
130	196.54	209.02	209.02
135	284.13	300.17	316.73
140	388.81	409.60	432.57
145	508.62	535.08	535.08
150	640.26	673.09	673.09
155	779.27	818.91	818.91
160	920.35	966.94	966.94
165	1057.75	1111.14	1111.14
170	1185.83	1245.57	1245.57
175	1299.52	1364.90	1364.90

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1394.77	1464.89	1464.89
185	1468.91	1542.72	1542.72
190	1520.77	1597.16	1597.16
195	1550.68	1628.55	1628.55
200	1560.32	1638.67	1638.67
205	1552.44	1630.41	1630.41
210	1530.54	1607.40	1607.40
215	1498.46	1573.73	1573.73
220	1460.13	1533.50	1533.50
225	1419.28	1490.61	1490.61
230	1379.21	1448.55	1448.55
235	1342.74	1410.26	1410.26
240	1312.13	1378.14	1378.14
245	1289.10	1353.96	1353.96
250	1274.82	1338.97	1338.97
255	1269.98	1333.90	1333.90
260	1274.82	1338.97	1338.97
265	1289.10	1353.96	1353.96
270	1312.13	1378.14	1378.14
275	1342.74	1410.27	1410.27
280	1379.21	1448.55	1448.55
285	1419.28	1490.61	1490.61
290	1460.13	1533.50	1533.50
295	1498.46	1573.73	1573.73
300	1530.54	1607.41	1607.41
305	1552.44	1630.41	1630.41
310	1560.32	1638.67	1638.67
315	1550.68	1628.55	1628.55
320	1520.77	1597.16	1597.16
325	1468.91	1542.72	1542.72
330	1394.77	1464.88	1464.88
335	1299.51	1364.89	1364.89
340	1185.83	1245.56	1245.56
345	1057.75	1111.14	1111.14
350	920.35	966.94	966.94
355	779.27	818.91	818.91

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