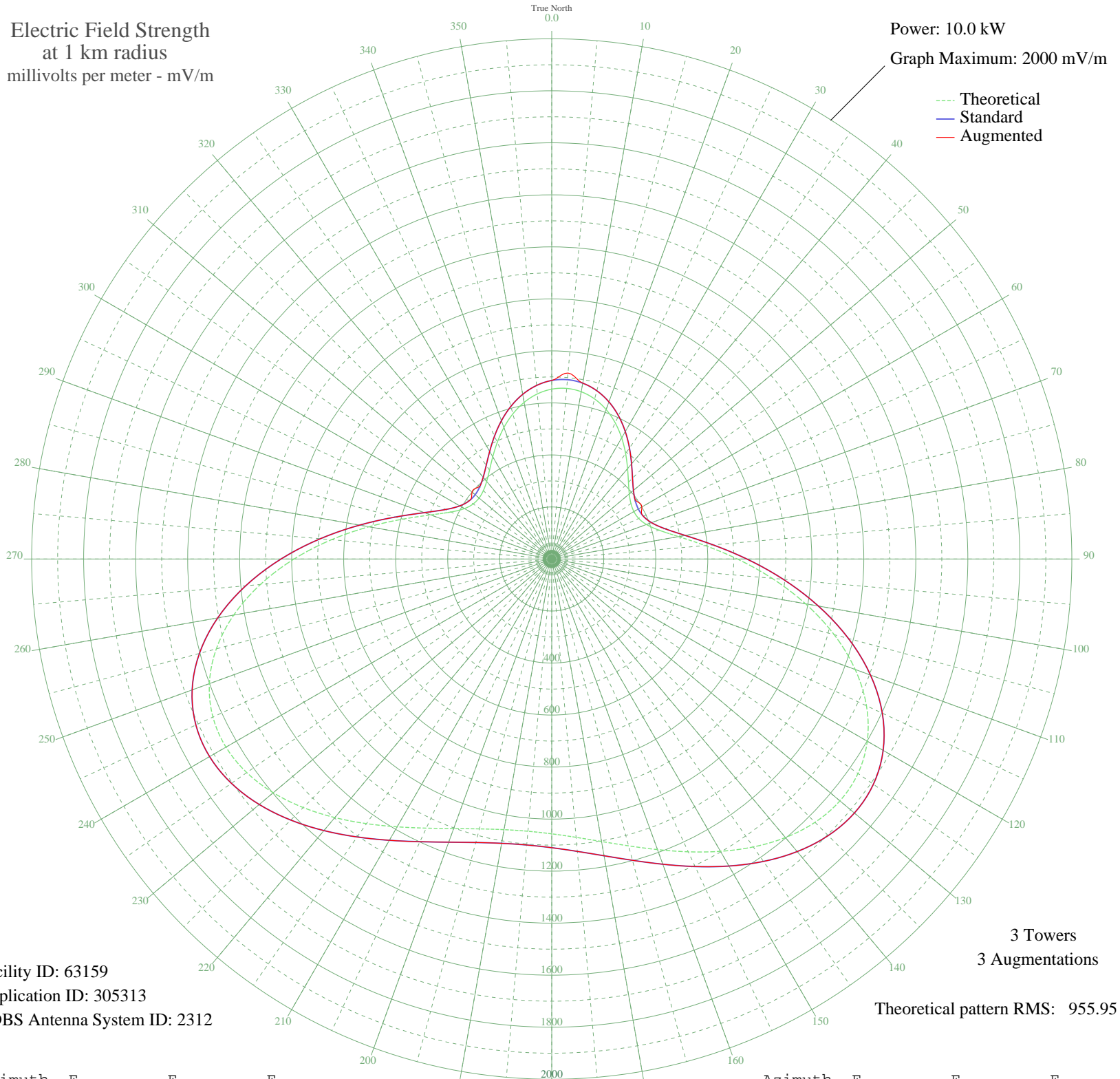


# KGNC AMARILLO, TX BL-- 710 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 63159  
Application ID: 305313  
CDBS Antenna System ID: 2312

3 Towers  
3 Augmentations  
Theoretical pattern RMS: 955.95

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	652.94	686.39	686.39
5	658.33	692.04	717.65
10	652.94	686.39	686.39
15	637.02	669.70	669.70
20	611.41	642.83	642.83
25	577.57	607.36	607.36
30	537.78	565.65	565.65
35	495.17	520.99	520.99
40	453.60	477.44	477.44
45	417.18	439.30	439.30
50	389.32	410.13	410.13
55	371.77	391.77	393.43
60	364.78	384.46	400.16
65	368.91	388.78	388.78
70	387.61	408.34	408.34
75	427.58	450.18	450.18
80	495.32	521.15	521.15
85	592.34	622.85	622.85
90	713.76	750.18	750.18
95	850.31	893.44	893.44
100	990.92	1040.99	1040.99
105	1124.61	1181.30	1181.30
110	1241.83	1304.35	1304.35
115	1335.42	1402.58	1402.58
120	1401.10	1471.53	1471.53
125	1437.65	1509.90	1509.90
130	1446.60	1519.29	1519.29
135	1431.67	1503.62	1503.62
140	1398.00	1468.27	1468.27
145	1351.40	1419.36	1419.36
150	1297.67	1362.95	1362.95
155	1242.03	1304.55	1304.55
160	1188.89	1248.78	1248.78
165	1141.68	1199.22	1199.22
170	1102.89	1158.51	1158.51
175	1074.18	1128.38	1128.38

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1056.60	1109.93	1109.93
185	1050.68	1103.72	1103.72
190	1056.60	1109.93	1109.93
195	1074.18	1128.38	1128.38
200	1102.89	1158.51	1158.51
205	1141.68	1199.22	1199.22
210	1188.89	1248.78	1248.78
215	1242.03	1304.55	1304.55
220	1297.67	1362.95	1362.95
225	1351.40	1419.36	1419.36
230	1398.00	1468.27	1468.27
235	1431.67	1503.62	1503.62
240	1446.60	1519.29	1519.29
245	1437.65	1509.90	1509.90
250	1401.10	1471.53	1471.53
255	1335.42	1402.58	1402.58
260	1241.83	1304.35	1304.35
265	1124.61	1181.30	1181.30
270	990.92	1040.99	1040.99
275	850.31	893.44	893.44
280	713.76	750.18	750.18
285	592.34	622.85	622.85
290	495.32	521.15	521.15
295	427.58	450.18	450.18
300	387.61	408.34	408.34
305	368.91	388.78	388.78
310	364.78	384.46	400.16
315	371.77	391.77	393.43
320	389.32	410.13	410.13
325	417.18	439.30	439.30
330	453.60	477.44	477.44
335	495.17	520.99	520.99
340	537.78	565.65	565.65
345	577.57	607.36	607.36
350	611.41	642.83	642.83
355	637.02	669.70	669.70