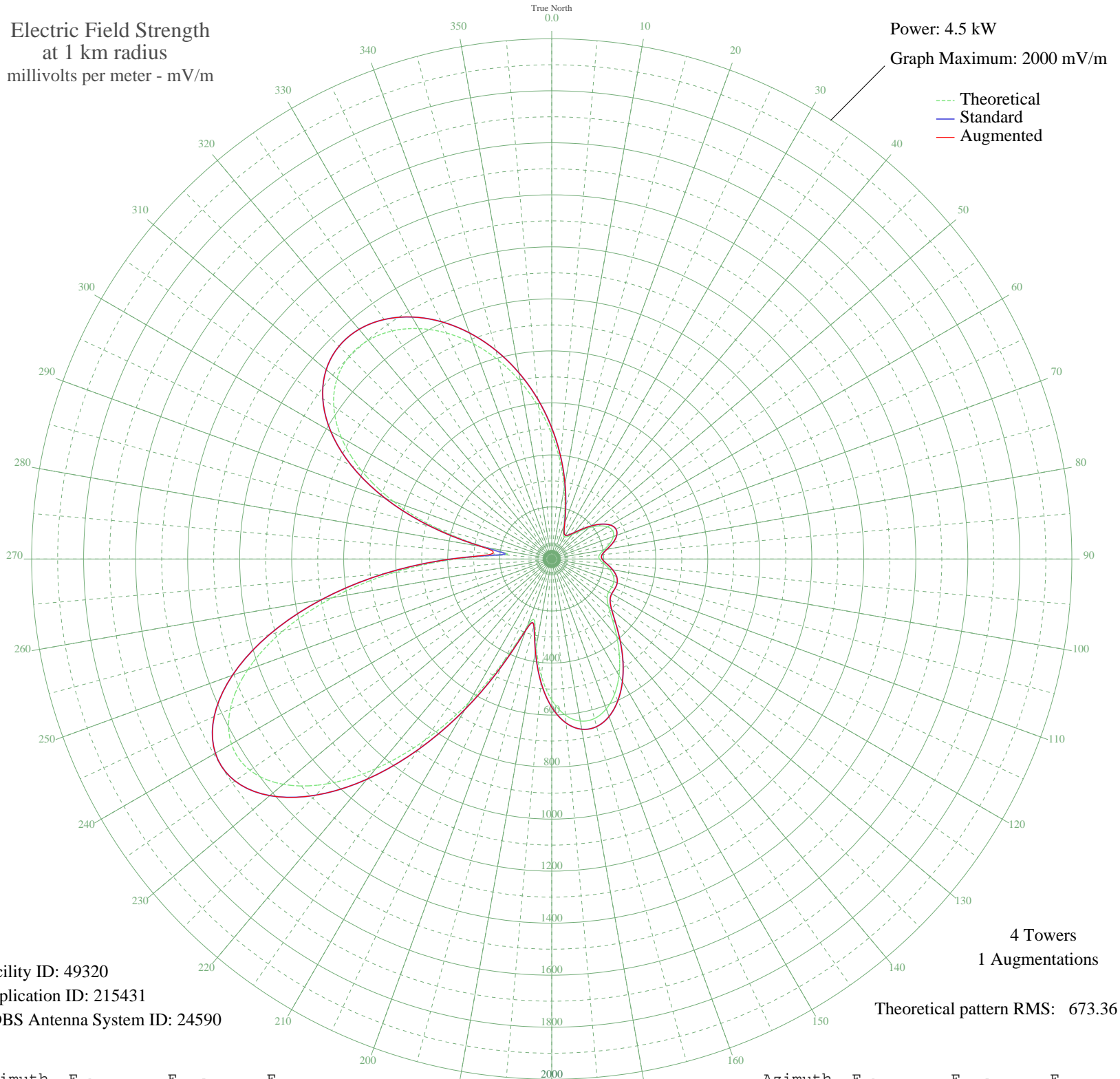


KMKI PLANO, TX BL-19951017AD 620 kHz

Nighttime

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

Power: 4.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 49320
Application ID: 215431
CDBS Antenna System ID: 24590

4 Towers
1 Augmentations
Theoretical pattern RMS: 673.36

Azimuth	E _{theo}	E _{std}	E _{aug}
0	479.85	504.34	504.34
5	375.07	394.45	394.45
10	278.41	293.18	293.18
15	196.54	207.57	207.57
20	136.80	145.36	145.36
25	104.92	112.39	112.39
30	97.82	105.09	105.09
35	105.21	112.69	112.69
40	122.98	131.03	131.03
45	151.36	160.48	160.48
50	186.76	197.36	197.36
55	221.51	233.65	233.65
60	247.41	260.74	260.74
65	258.42	272.25	272.25
70	252.27	265.82	265.82
75	231.52	244.12	244.12
80	204.35	215.72	215.72
85	184.11	194.59	194.59
90	183.17	193.62	193.62
95	201.00	212.22	212.22
100	225.33	237.65	237.65
105	244.78	257.98	257.98
110	254.15	267.79	267.79
115	254.63	268.28	268.28
120	253.03	266.62	266.62
125	260.09	274.00	274.00
130	285.13	300.21	300.21
135	329.95	347.16	347.16
140	388.94	409.00	409.00
145	453.95	477.17	477.17
150	517.28	543.60	543.60
155	572.30	601.33	601.33
160	613.26	644.30	644.30
165	634.93	667.05	667.05
170	632.64	664.64	664.64
175	602.49	633.01	633.01

Azimuth	E _{theo}	E _{std}	E _{aug}
180	542.14	569.68	569.68
185	452.51	475.66	475.66
190	343.04	360.88	360.88
195	251.83	265.35	265.35
200	276.06	290.72	290.72
205	430.36	452.43	452.43
210	635.95	668.11	668.11
215	850.99	893.82	893.82
220	1052.48	1105.33	1105.33
225	1222.83	1284.16	1284.16
230	1347.70	1415.26	1415.26
235	1416.35	1487.34	1487.34
240	1422.30	1493.58	1493.58
245	1363.84	1432.20	1432.20
250	1244.13	1306.53	1306.53
255	1070.88	1124.65	1124.65
260	855.72	898.79	898.79
265	613.93	645.01	645.01
270	367.23	386.24	386.24
275	179.91	190.21	190.21
280	257.35	271.13	271.13
285	457.48	480.87	480.87
290	648.27	681.05	681.05
295	809.00	849.74	849.74
300	934.28	981.25	981.25
305	1023.39	1074.79	1074.79
310	1078.08	1132.20	1132.20
315	1101.54	1156.83	1156.83
320	1097.59	1152.69	1152.69
325	1070.15	1123.88	1123.88
330	1022.81	1074.19	1074.19
335	958.72	1006.90	1006.90
340	880.55	924.85	924.85
345	790.78	830.62	830.62
350	691.95	726.89	726.89
355	587.05	616.81	616.81

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission