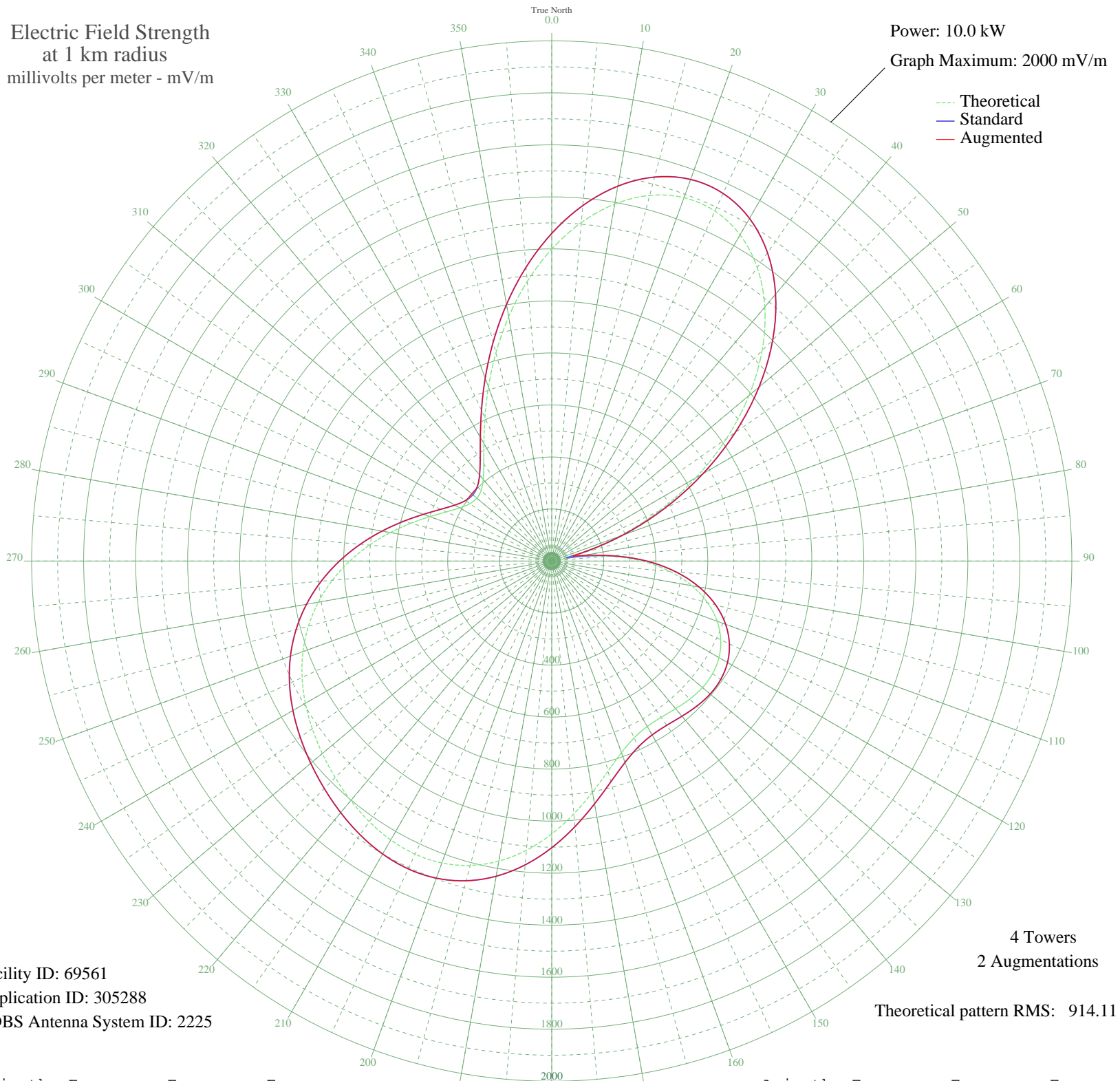


# KTSM EL PASO, TX BL-- 690 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 69561  
Application ID: 305288  
CDBS Antenna System ID: 2225

4 Towers  
2 Augmentations  
Theoretical pattern RMS: 914.11

Azimuth	Etheo	Estd	Eaug
0	1199.20	1259.59	1259.59
5	1306.17	1371.88	1371.88
10	1393.44	1463.49	1463.49
15	1455.13	1528.25	1528.25
20	1486.59	1561.27	1561.27
25	1484.72	1559.31	1559.31
30	1448.18	1520.95	1520.95
35	1377.43	1446.69	1446.69
40	1274.75	1338.90	1338.90
45	1143.98	1201.63	1201.63
50	990.29	1040.33	1040.33
55	819.79	861.42	861.42
60	639.10	671.87	671.87
65	454.95	478.85	478.85
70	274.06	289.67	289.67
75	105.82	115.97	115.97
80	80.24	90.56	128.75
85	218.00	231.30	231.30
90	345.54	364.33	364.33
95	455.53	479.45	479.45
100	547.12	575.43	575.43
105	620.63	652.50	652.50
110	676.89	711.51	711.51
115	717.08	753.66	753.66
120	742.56	780.40	780.40
125	755.04	793.49	793.49
130	756.72	795.25	795.25
135	750.64	788.88	788.88
140	741.07	778.83	778.83
145	733.57	770.96	770.96
150	734.61	772.06	772.06
155	750.26	788.47	788.47
160	784.19	824.07	824.07
165	836.20	878.64	878.64
170	902.22	947.91	947.91
175	975.68	1025.00	1025.00

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

Azimuth	Etheo	Estd	Eaug
180	1049.28	1102.25	1102.25
185	1116.32	1172.60	1172.60
190	1171.53	1230.56	1230.56
195	1211.61	1272.62	1272.62
200	1235.31	1297.50	1297.50
205	1243.38	1305.97	1305.97
210	1238.22	1300.55	1300.55
215	1223.23	1284.82	1284.82
220	1202.03	1262.57	1262.57
225	1177.59	1236.91	1236.91
230	1151.58	1209.61	1209.61
235	1124.11	1180.78	1180.78
240	1093.96	1149.13	1149.13
245	1059.20	1112.65	1112.65
250	1017.90	1069.31	1069.31
255	968.75	1017.73	1017.73
260	911.43	957.58	957.58
265	846.74	889.69	889.69
270	776.46	815.96	815.96
275	703.23	739.14	739.14
280	630.24	662.58	662.58
285	560.96	589.94	589.94
290	498.88	524.88	524.88
295	447.20	470.74	470.74
300	408.46	430.16	430.16
305	384.33	404.91	405.33
310	375.85	396.04	402.34
315	383.95	404.51	404.93
320	410.01	431.79	431.79
325	455.65	479.58	479.58
330	521.85	548.95	548.95
335	608.03	639.30	639.30
340	711.72	748.04	748.04
345	828.70	870.77	870.77
350	953.38	1001.60	1001.60
355	1079.23	1133.68	1133.68