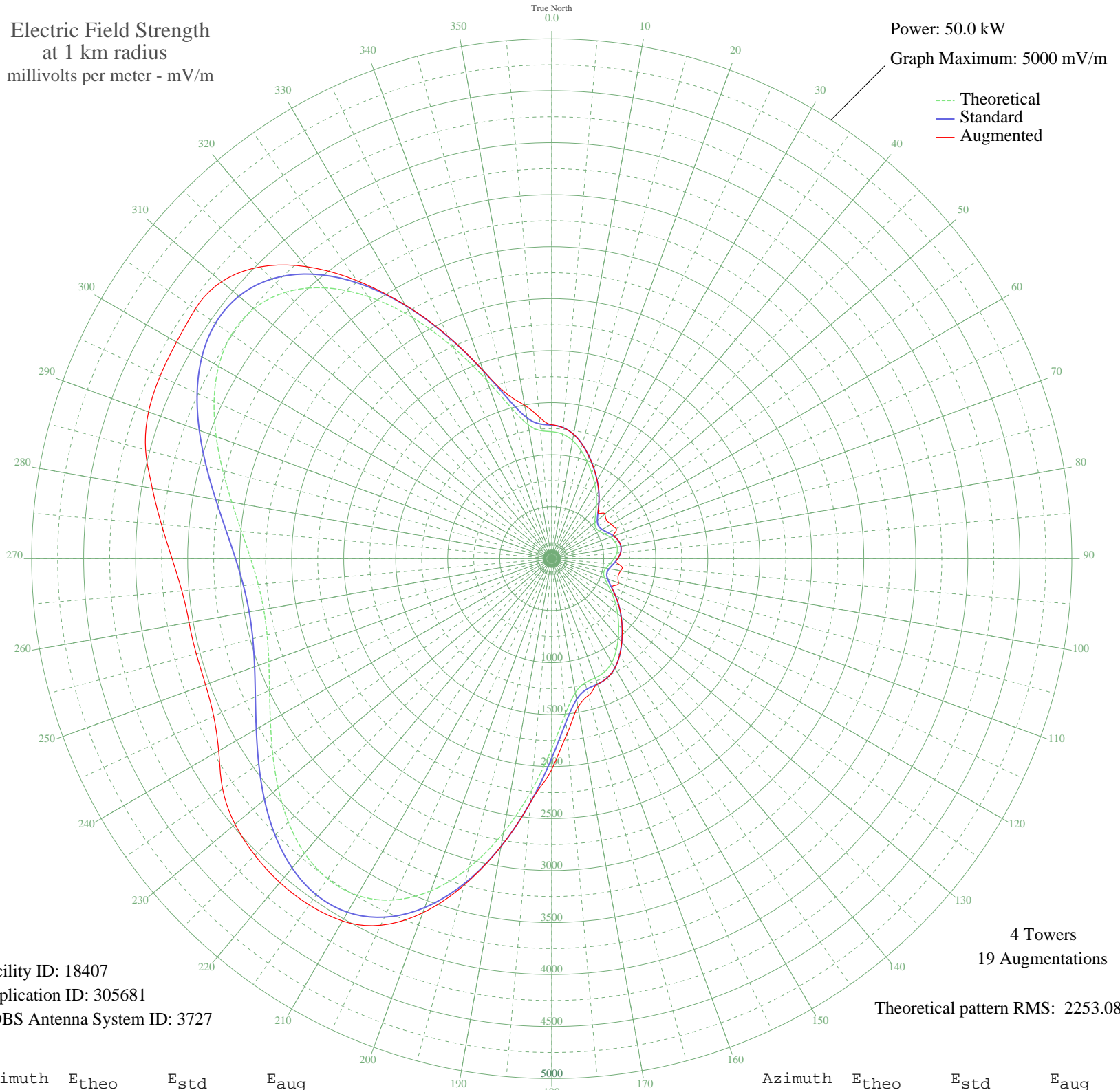


# KWRU FRESNO, CA BL-- 940 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 18407  
Application ID: 305681  
CDBS Antenna System ID: 3727

4 Towers  
19 Augmentations  
Theoretical pattern RMS: 2253.08

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1220.86	1284.05	1287.48
5	1201.54	1263.80	1263.80
10	1153.62	1213.57	1213.57
15	1080.04	1136.47	1136.47
20	994.72	1047.09	1047.09
25	909.28	957.63	957.63
30	827.40	871.94	871.94
35	747.16	788.03	788.03
40	667.76	705.07	705.07
45	594.70	628.83	628.83
50	540.24	572.09	667.88
55	517.25	548.16	643.74
60	528.28	559.65	659.83
65	561.72	594.46	683.97
70	600.04	634.40	634.40
75	628.74	664.34	664.34
80	639.24	675.29	675.29
85	628.74	664.34	664.34
90	600.04	634.40	634.40
95	561.72	594.46	651.02
100	528.28	559.65	672.81
105	517.25	548.16	660.37
110	540.24	572.09	683.97
115	594.70	628.83	636.27
120	667.76	705.07	705.07
125	747.16	788.03	788.03
130	827.40	871.94	871.94
135	909.28	957.63	957.63
140	994.72	1047.09	1047.09
145	1080.04	1136.47	1136.47
150	1153.62	1213.57	1213.57
155	1201.54	1263.80	1263.80
160	1220.86	1284.05	1284.05
165	1236.30	1300.23	1362.95
170	1307.67	1375.06	1448.41
175	1499.94	1576.68	1689.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1826.09	1918.83	2027.77
185	2240.20	2353.39	2353.39
190	2676.63	2811.44	2811.44
195	3077.12	3231.83	3249.20
200	3400.08	3570.86	3624.28
205	3622.56	3804.41	3889.69
210	3739.01	3926.66	4023.36
215	3758.05	3946.66	4065.41
220	3697.91	3883.52	4066.26
225	3581.67	3761.49	4035.51
230	3433.24	3605.66	3974.64
235	3274.39	3438.91	3862.43
240	3123.17	3280.16	3697.49
245	2993.33	3143.87	3586.17
250	2894.55	3040.18	3542.25
255	2833.03	2975.61	3537.64
260	2812.17	2953.71	3540.56
265	2833.03	2975.61	3569.57
270	2894.55	3040.18	3650.17
275	2993.33	3143.87	3766.29
280	3123.17	3280.16	3899.25
285	3274.39	3438.91	4042.32
290	3433.24	3605.66	4125.12
295	3581.67	3761.49	4154.28
300	3697.91	3883.52	4165.53
305	3758.05	3946.66	4184.29
310	3739.01	3926.66	4143.23
315	3622.55	3804.41	3967.64
320	3400.08	3570.86	3665.03
325	3077.12	3231.82	3263.87
330	2676.62	2811.43	2816.35
335	2240.20	2353.38	2358.39
340	1826.08	1918.83	1922.43
345	1499.93	1576.68	1632.37
350	1307.67	1375.06	1496.69
355	1236.30	1300.23	1365.74

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