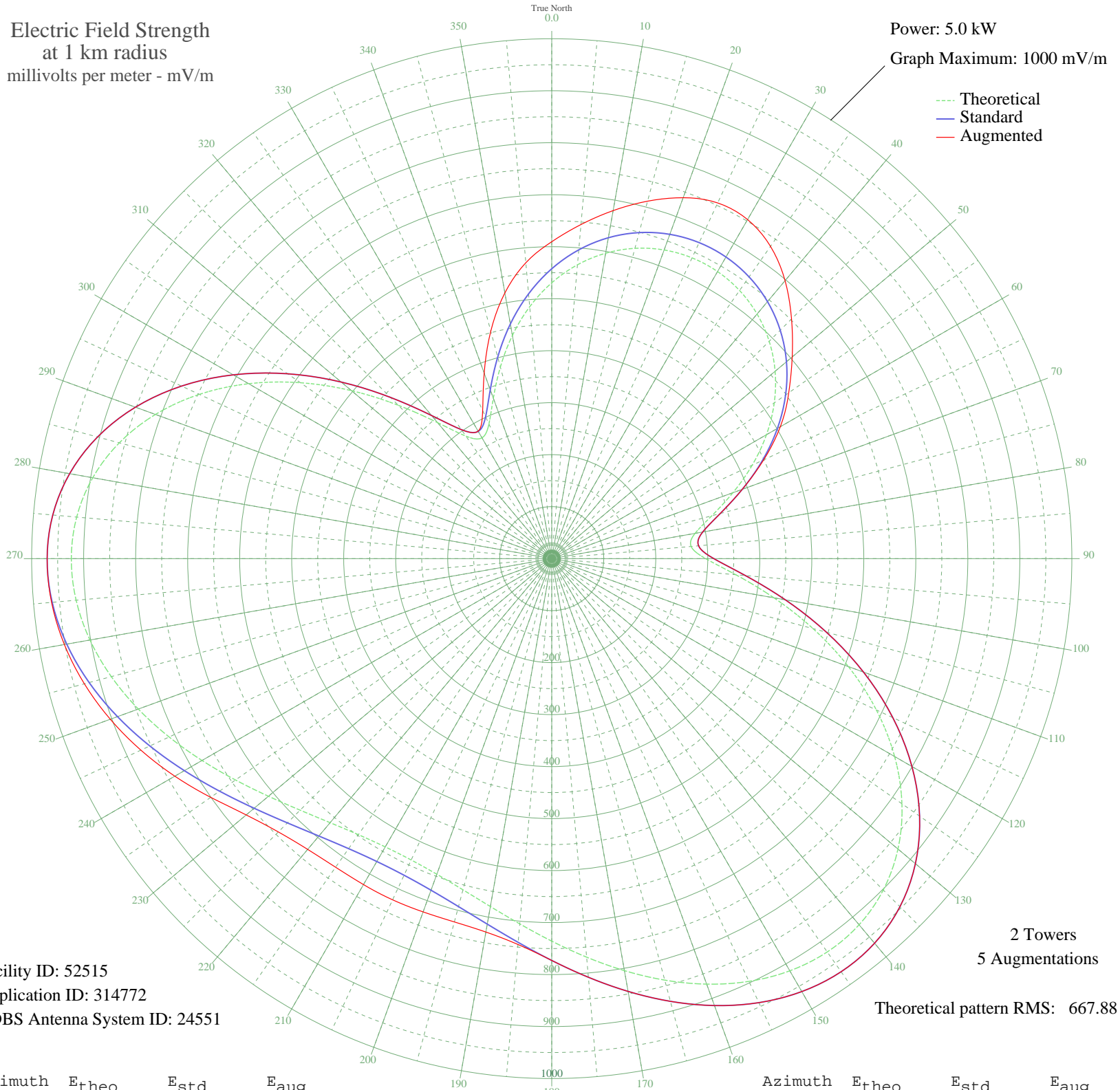


# KTAR PHOENIX, AZ BL-- 620 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 52515  
Application ID: 314772  
CDBS Antenna System ID: 24551

2 Towers  
5 Augmentations  
Theoretical pattern RMS: 667.88

Azimuth	Etheo	Estd	Eaug
0	530.56	557.58	609.60
5	567.38	596.21	645.12
10	596.49	626.76	679.75
15	617.92	649.24	711.82
20	631.81	663.82	738.75
25	638.35	670.68	754.91
30	637.63	669.92	753.07
35	629.63	661.53	733.28
40	614.24	645.38	697.92
45	591.29	621.30	652.02
50	560.63	589.12	603.55
55	522.29	548.90	556.27
60	476.73	501.12	507.47
65	425.23	447.11	449.60
70	370.62	389.86	389.86
75	318.61	335.37	335.37
80	279.73	294.66	294.66
85	268.94	283.36	283.36
90	295.96	311.64	311.64
95	355.28	373.79	373.79
100	433.77	456.06	456.06
105	520.26	546.78	546.78
110	607.05	637.84	637.84
115	688.71	723.53	723.53
120	761.30	799.70	799.70
125	822.00	863.42	863.42
130	869.01	912.76	912.76
135	901.45	946.82	946.82
140	919.36	965.61	965.61
145	923.54	970.00	970.00
150	915.47	961.53	961.53
155	897.16	942.31	942.31
160	870.94	914.79	914.79
165	839.28	881.56	881.56
170	804.67	845.23	845.23
175	769.46	808.27	808.27

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	735.72	772.87	772.87
185	705.25	740.89	744.98
190	679.48	713.84	729.28
195	659.47	692.84	723.44
200	645.99	678.70	723.11
205	639.51	671.90	724.08
210	640.23	672.66	723.93
215	648.14	680.95	724.58
220	662.97	696.51	730.05
225	684.20	718.79	743.43
230	711.01	746.93	766.93
235	742.26	779.73	800.47
240	776.44	815.60	836.86
245	811.72	852.62	871.63
250	845.93	888.53	903.23
255	876.70	920.83	930.32
260	901.54	946.91	951.53
265	917.97	964.16	965.38
270	923.73	970.21	970.21
275	916.91	963.04	963.04
280	896.14	941.24	941.24
285	860.75	904.10	904.10
290	810.91	851.78	851.78
295	747.65	785.39	785.39
300	672.99	707.03	707.03
305	589.95	619.90	619.90
310	502.73	528.39	528.39
315	417.13	438.61	438.61
320	341.46	359.30	359.30
325	287.59	302.88	302.88
330	268.18	282.57	282.99
335	285.76	300.97	314.26
340	328.38	345.60	379.72
345	381.58	401.34	452.92
350	435.90	458.30	518.98
355	486.38	511.23	571.33