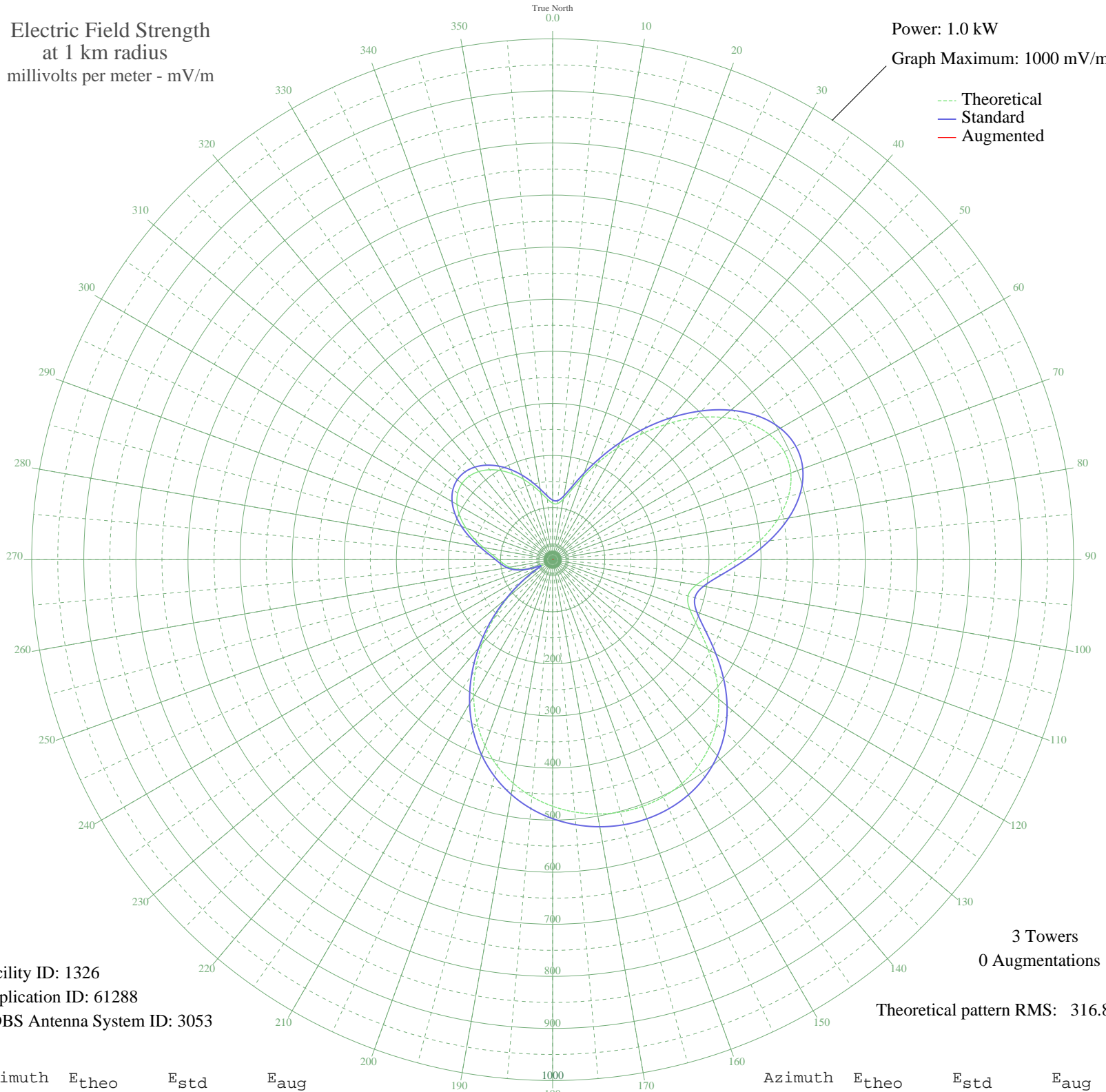


# KMVP PHOENIX, AZ BL-19830923AF 860 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 1326  
Application ID: 61288  
CDBS Antenna System ID: 3053

3 Towers  
0 Augmentations

Theoretical pattern RMS: 316.88

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	108.41	114.31	
5	108.00	113.89	
10	117.97	124.31	
15	138.49	145.79	
20	168.12	176.84	
25	204.99	215.50	
30	247.23	259.80	
35	292.82	307.64	
40	339.47	356.60	
45	384.52	403.88	
50	425.01	446.38	
55	457.93	480.94	
60	480.49	504.62	
65	490.44	515.07	
70	486.48	510.91	
75	468.49	492.02	
80	437.84	459.86	
85	397.61	417.62	
90	352.78	370.57	
95	310.53	326.22	
100	279.86	294.04	
105	269.03	282.68	
110	280.33	294.53	
115	308.28	323.86	
120	344.40	361.77	
125	381.78	401.01	
130	416.15	437.08	
135	445.28	467.66	
140	468.30	491.83	
145	485.20	509.57	
150	496.38	521.30	
155	502.46	527.69	
160	504.07	529.38	
165	501.74	526.93	
170	495.81	520.71	
175	486.42	510.85	

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	473.49	497.27	
185	456.75	479.70	
190	435.82	457.73	
195	410.28	430.92	
200	379.76	398.88	
205	344.10	361.46	
210	303.46	318.80	
215	258.43	271.55	
220	210.11	220.86	
225	160.14	168.48	
230	110.70	116.71	
235	64.63	68.67	
240	27.97	31.19	
245	28.01	31.23	
250	51.30	54.88	
255	70.53	74.80	
260	83.96	88.78	
265	93.88	99.13	
270	103.91	109.61	
275	117.24	123.55	
280	134.91	142.04	
285	155.65	163.77	
290	176.99	186.14	
295	196.43	206.52	
300	212.00	222.84	
305	222.47	233.83	
310	227.31	238.90	
315	226.58	238.14	
320	220.77	232.05	
325	210.68	221.46	
330	197.23	207.36	
335	181.44	190.80	
340	164.33	172.86	
345	146.96	154.67	
350	130.60	137.53	
355	116.93	123.23	