

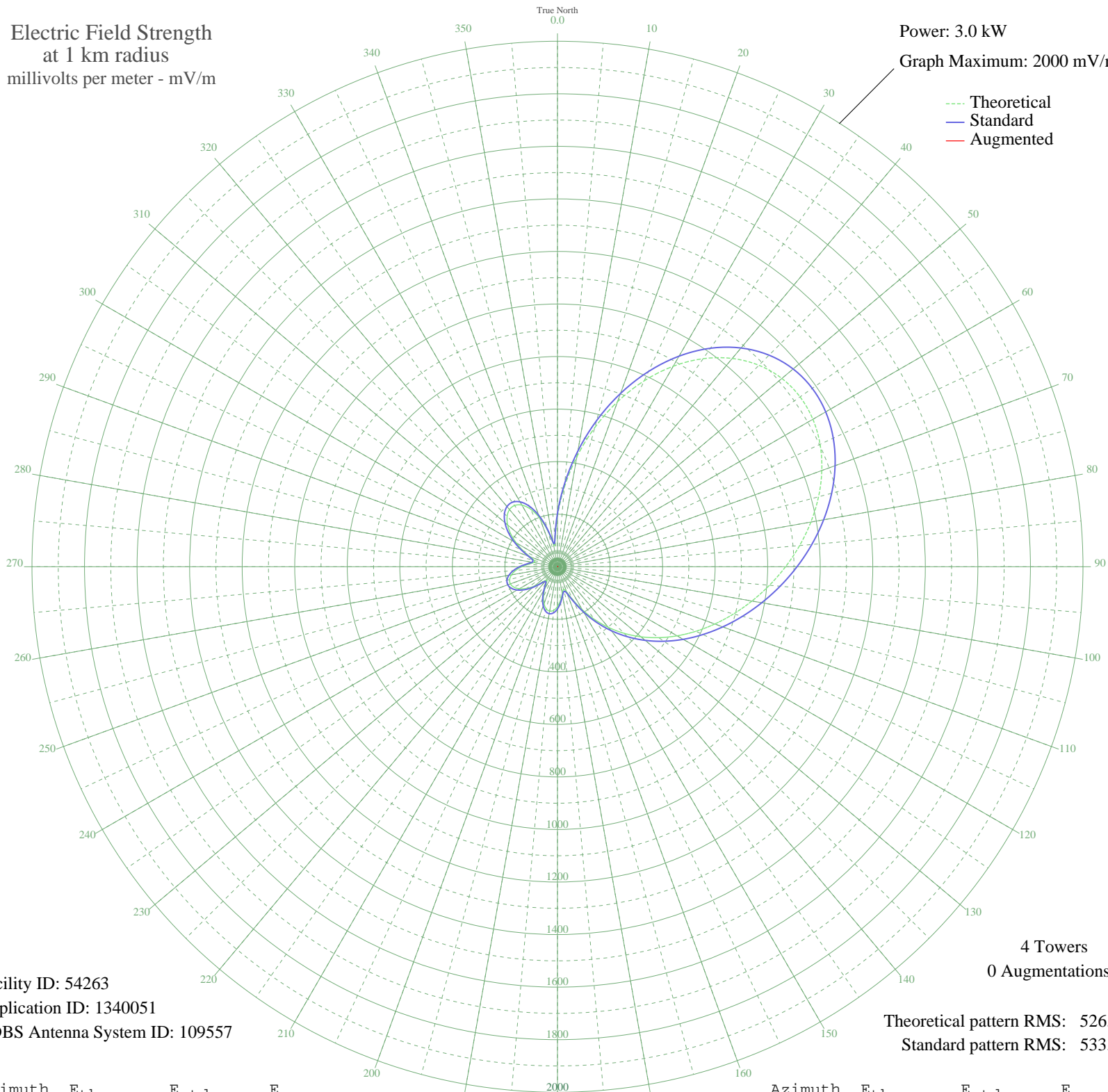
KDYA VALLEJO, CA BP-20090721ABU 1190 kHz

Daytime

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

Power: 3.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 54263
Application ID: 1340051
CDBS Antenna System ID: 109557

4 Towers
0 Augmentations

Theoretical pattern RMS: 526.30
Standard pattern RMS: 533.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	192.29	203.05	
5	304.30	320.24	
10	425.18	446.96	
15	548.27	576.08	
20	668.28	702.02	
25	780.57	819.88	
30	881.11	925.42	
35	966.64	1015.20	
40	1034.83	1086.79	
45	1084.37	1138.79	
50	1114.93	1170.87	
55	1127.14	1183.69	
60	1122.41	1178.73	
65	1102.77	1158.11	
70	1070.65	1124.39	
75	1028.66	1080.30	
80	979.36	1028.56	
85	925.16	971.66	
90	868.11	911.77	
95	809.84	850.61	
100	751.54	789.41	
105	693.89	728.90	
110	637.16	669.37	
115	581.28	610.72	
120	525.89	552.60	
125	470.52	494.52	
130	414.73	436.00	
135	358.26	376.79	
140	301.19	316.98	
145	244.21	257.32	
150	188.96	199.58	
155	138.95	147.47	
160	101.67	108.90	
165	89.53	96.43	
170	104.00	111.30	
175	128.89	137.03	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	151.67	160.70	
185	166.70	176.35	
190	171.57	181.43	
195	165.63	175.24	
200	149.51	158.46	
205	125.21	133.22	
210	96.60	103.68	
215	71.70	78.30	
220	65.79	72.35	
225	84.84	91.64	
230	114.43	122.07	
235	143.61	152.32	
240	167.43	177.11	
245	183.47	193.84	
250	190.57	201.25	
255	188.47	199.06	
260	177.62	187.74	
265	159.25	168.59	
270	135.56	143.95	
275	110.50	118.00	
280	91.68	98.64	
285	90.47	97.40	
290	110.69	118.20	
295	143.72	152.43	
300	180.83	191.08	
305	216.69	228.54	
310	247.70	260.97	
315	270.98	285.34	
320	283.99	298.97	
325	284.53	299.53	
330	270.79	285.14	
335	241.62	254.61	
340	197.03	207.99	
345	139.95	148.52	
350	86.90	93.74	
355	103.52	110.81	

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.

10 Nov 2011

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Federal Communications Commission