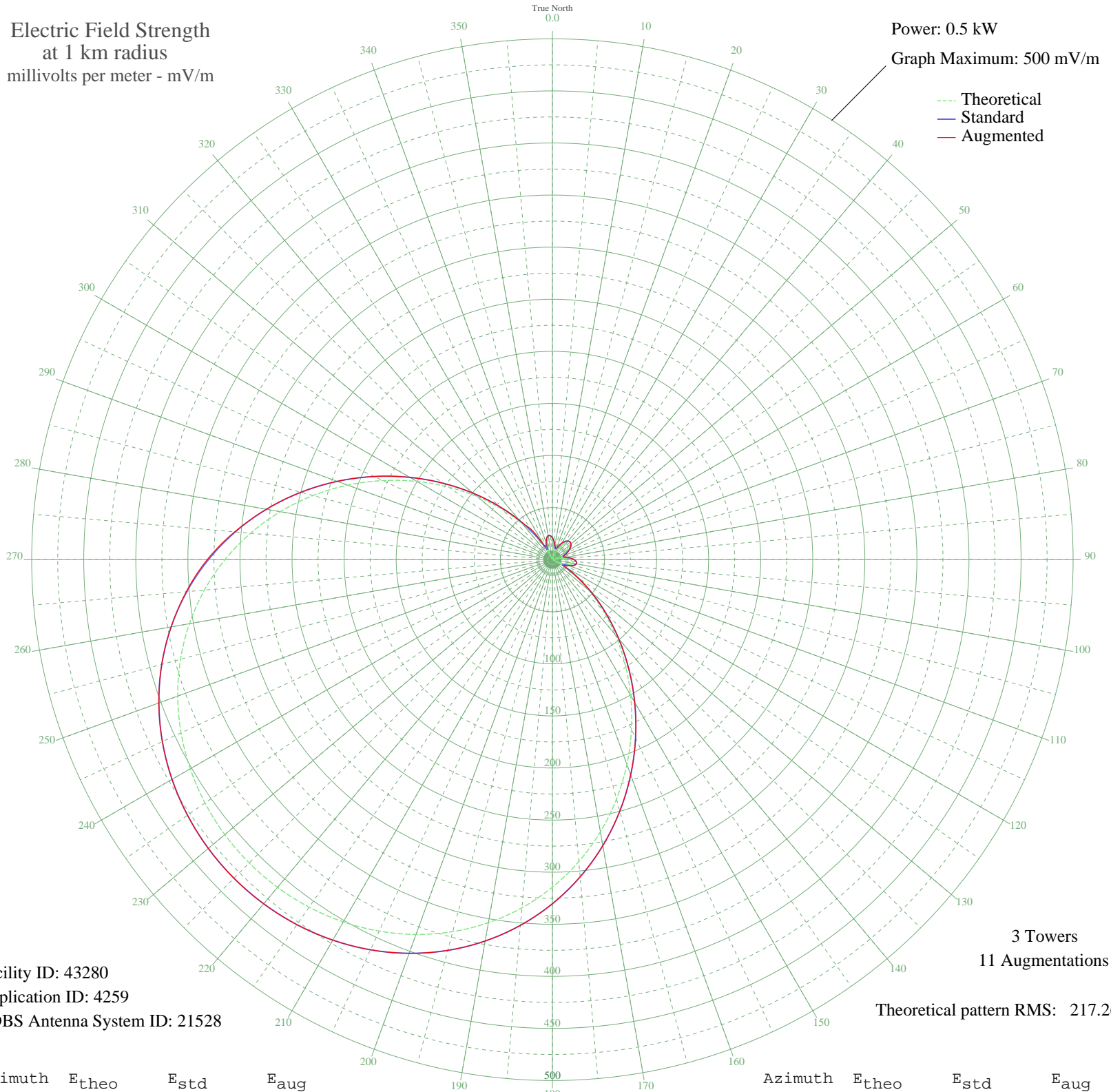


KALV ALVA, OK BL-19780901AD 1430 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 43280
Application ID: 4259
CDBS Antenna System ID: 21528

3 Towers
11 Augmentations

Theoretical pattern RMS: 217.26

Azimuth	E _{theo}	E _{std}	E _{aug}
0	17.06	20.76	21.21
5	12.89	17.13	18.20
10	7.63	13.21	14.27
15	1.82	10.67	11.59
20	4.03	11.32	12.28
25	9.46	14.45	15.29
30	14.09	18.14	18.48
35	17.61	21.27	21.27
40	19.82	23.31	23.31
45	20.56	24.01	24.01
50	19.82	23.31	23.29
55	17.61	21.27	21.24
60	14.09	18.14	18.80
65	9.46	14.45	16.09
70	4.03	11.32	12.64
75	1.82	10.67	11.27
80	7.63	13.21	13.82
85	12.89	17.13	17.70
90	17.06	20.76	21.00
95	19.57	23.07	23.07
100	19.86	23.35	23.35
105	17.44	21.11	21.11
110	11.89	16.31	17.00
115	2.89	10.93	12.87
120	9.71	14.64	15.40
125	25.93	29.18	29.18
130	45.59	49.01	49.01
135	68.38	72.56	72.56
140	93.81	99.06	99.06
145	121.29	127.79	127.79
150	150.15	158.00	158.00
155	179.66	188.94	188.94
160	209.13	219.83	219.83
165	237.87	249.99	249.99
170	265.31	278.77	278.77
175	290.95	305.68	305.68

Azimuth	E _{theo}	E _{std}	E _{aug}
180	314.42	330.31	330.31
185	335.45	352.38	352.38
190	353.90	371.74	371.74
195	369.69	388.32	388.32
200	382.85	402.13	402.13
205	393.43	413.24	413.24
210	401.53	421.73	421.73
215	407.22	427.71	427.71
220	410.61	431.27	431.27
225	411.73	432.44	432.44
230	410.61	431.27	431.27
235	407.22	427.71	427.71
240	401.53	421.73	421.73
245	393.43	413.24	413.24
250	382.85	402.13	402.13
255	369.69	388.32	388.32
260	353.90	371.74	371.74
265	335.45	352.38	352.95
270	314.42	330.31	331.52
275	290.95	305.68	306.34
280	265.31	278.77	278.77
285	237.87	249.99	249.99
290	209.13	219.83	219.83
295	179.66	188.94	188.94
300	150.15	158.00	158.00
305	121.29	127.79	127.79
310	93.81	99.06	99.06
315	68.38	72.56	72.56
320	45.59	49.01	49.01
325	25.93	29.18	35.41
330	9.71	14.64	16.10
335	2.89	10.93	14.48
340	11.89	16.31	17.64
345	17.44	21.11	21.11
350	19.86	23.35	23.35
355	19.57	23.07	23.07

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission