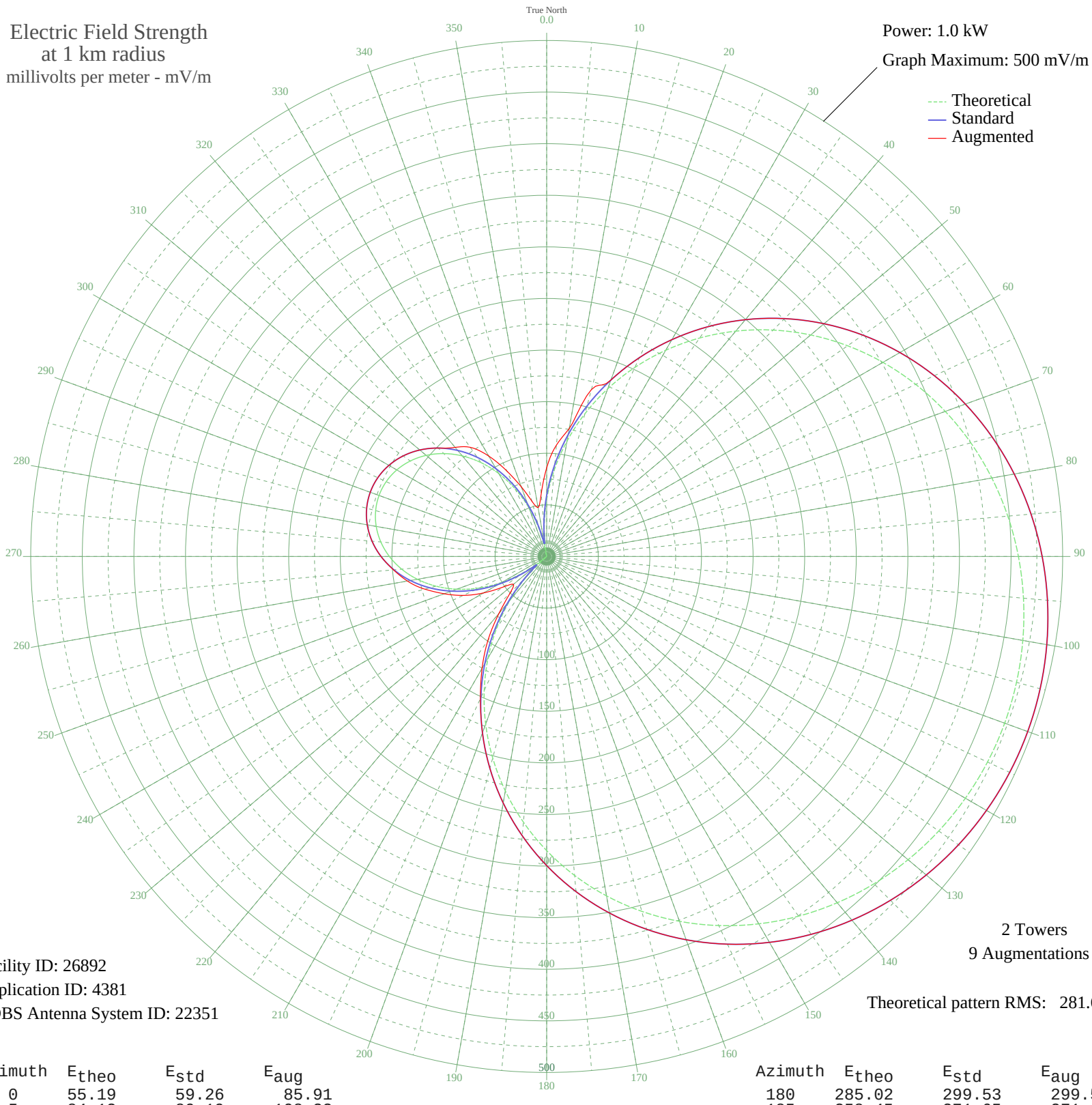
KNTB LAKEWOOD, WA BL-19780911AM 1480 kHz

Daytime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
9 Augmentations

Facility ID: 26892
Application ID: 4381
CDBS Antenna System ID: 22351

Theoretical pattern RMS: 281.64

Azimuth	E_{theo}	E_{std}	E_{aug}
0	55.19	59.26	85.91
5	84.12	89.19	108.33
10	113.58	119.90	125.77
15	143.26	150.93	167.37
20	172.87	181.93	181.93
25	202.12	212.59	212.59
30	230.73	242.59	242.59
35	258.45	271.65	271.65
40	285.02	299.53	299.53
45	310.25	326.00	326.00
50	333.96	350.87	350.87
55	355.99	373.99	373.99
60	376.23	395.23	395.23
65	394.60	414.51	414.51
70	411.04	431.77	431.77
75	425.51	446.96	446.96
80	438.02	460.09	460.09
85	448.56	471.15	471.15
90	457.14	480.16	480.16
95	463.78	487.13	487.13
100	468.51	492.10	492.10
105	471.34	495.07	495.07
110	472.29	496.05	496.05
115	471.34	495.07	495.07
120	468.51	492.10	492.10
125	463.78	487.13	487.13
130	457.14	480.16	480.16
135	448.56	471.15	471.15
140	438.02	460.09	460.09
145	425.51	446.96	446.96
150	411.04	431.77	431.77
155	394.60	414.51	414.51
160	376.23	395.23	395.23
165	355.99	373.99	373.99
170	333.96	350.87	350.87
175	310.25	326.00	326.00
180	285.02	299.53	299.53
185	258.45	271.65	271.65
190	230.73	242.59	242.59
195	202.12	212.59	212.59
200	172.87	181.93	181.93
205	143.26	150.93	152.04
210	113.58	119.90	125.21
215	84.12	89.19	99.25
220	55.19	59.26	71.76
225	27.05	30.99	50.23
230	0.00	12.40	42.05
235	25.72	29.72	51.78
240	49.89	53.83	70.65
245	72.29	76.91	89.27
250	92.74	98.16	105.65
255	111.09	117.31	122.31
260	127.22	134.16	137.05
265	141.02	148.59	148.98
270	152.41	160.51	160.51
275	161.33	169.85	169.85
280	167.73	176.55	176.55
285	171.58	180.59	180.59
290	172.87	181.94	181.94
295	171.58	180.59	180.59
300	167.73	176.55	176.55
305	161.33	169.85	169.85
310	152.41	160.51	160.51
315	141.02	148.59	148.59
320	127.22	134.16	138.00
325	111.09	117.31	129.13
330	92.74	98.16	112.42
335	72.29	76.91	91.43
340	49.89	53.83	71.77
345	25.72	29.72	55.55
350	0.00	12.40	48.17
355	27.05	30.99	60.90

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission