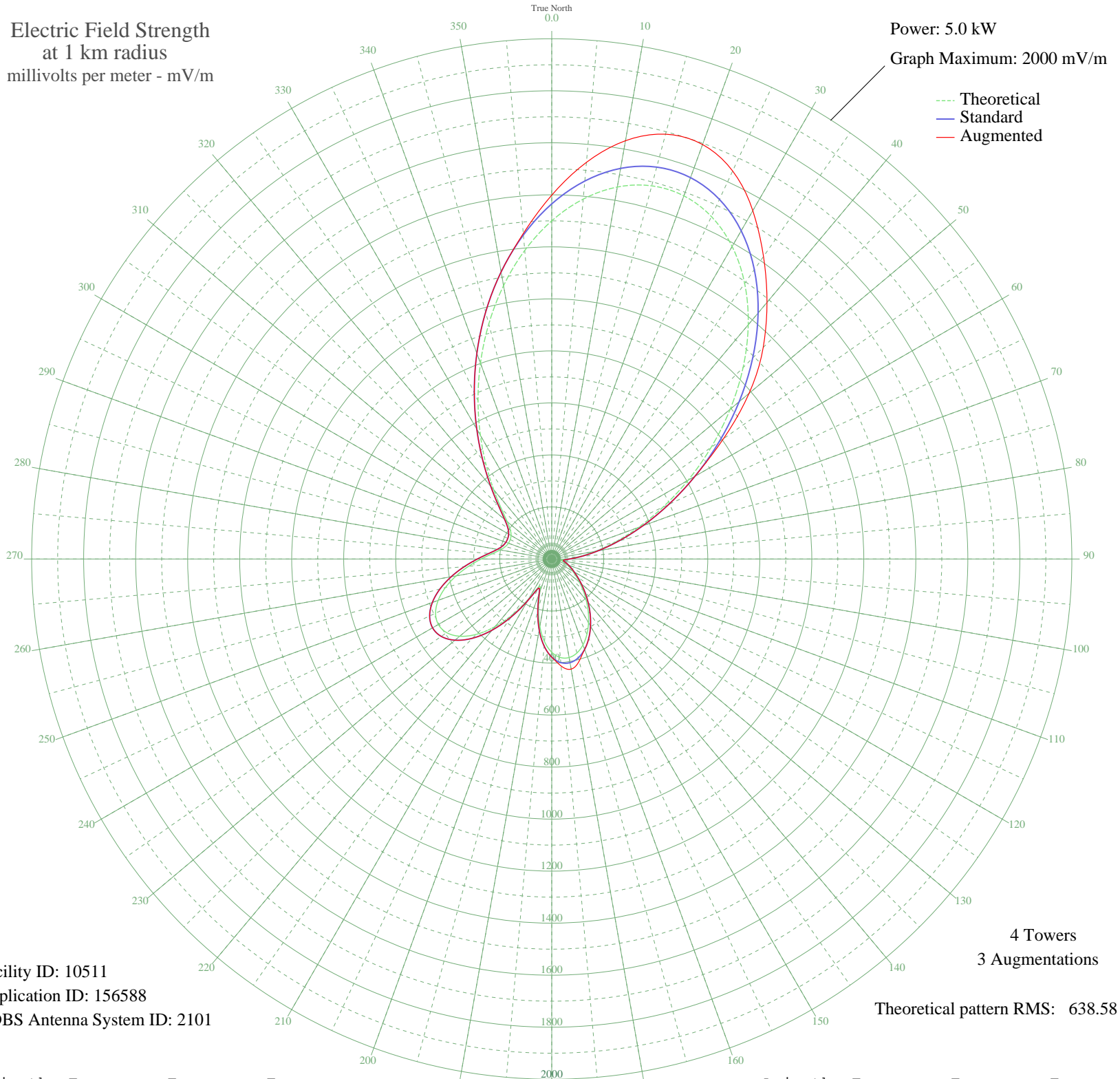


KEYZ WILLISTON, ND BL-19910128AD 660 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 10511
Application ID: 156588
CDBS Antenna System ID: 2101

4 Towers
3 Augmentations
Theoretical pattern RMS: 638.58

Azimuth	Etheo	Estd	Eaug
0	1300.01	1365.23	1398.78
5	1388.91	1458.56	1530.74
10	1452.08	1524.87	1632.88
15	1485.24	1559.70	1690.71
20	1485.71	1560.19	1695.70
25	1452.68	1525.51	1645.93
30	1387.44	1457.02	1546.31
35	1293.34	1358.22	1419.72
40	1175.53	1234.54	1287.71
45	1040.53	1092.83	1150.00
50	895.64	940.74	990.53
55	748.24	786.03	806.16
60	605.20	635.92	635.92
65	472.31	496.52	496.52
70	353.95	372.44	372.44
75	252.91	266.66	266.66
80	170.46	180.62	180.62
85	106.74	114.67	114.67
90	61.78	69.26	69.26
95	38.19	46.88	46.88
100	38.02	46.73	46.73
105	48.69	56.60	56.60
110	61.32	68.82	68.82
115	75.37	82.78	82.78
120	92.27	99.88	99.88
125	113.38	121.50	121.50
130	139.45	148.42	148.42
135	170.52	180.68	180.68
140	205.88	217.54	217.54
145	244.10	257.45	257.45
150	283.01	298.15	298.15
155	319.85	336.72	336.72
160	351.37	369.74	369.74
165	374.12	393.57	406.79
170	384.69	404.65	430.00
175	380.16	399.90	412.91

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	358.47	377.18	377.18
185	319.00	335.83	335.83
190	263.17	277.39	277.39
195	196.06	207.29	207.29
200	132.81	141.55	141.55
205	117.66	125.90	125.90
210	174.79	185.13	185.13
215	257.75	271.73	271.73
220	339.63	357.44	357.44
225	409.63	430.80	430.80
230	461.95	485.65	485.65
235	493.49	518.74	518.74
240	503.42	529.15	529.15
245	492.88	518.10	518.10
250	464.72	488.56	488.56
255	423.11	444.93	444.93
260	373.21	392.62	392.62
265	320.66	337.56	337.56
270	271.25	285.85	285.85
275	230.24	242.97	242.97
280	201.20	212.65	212.65
285	184.51	195.25	195.25
290	177.33	187.78	187.78
295	176.25	186.65	186.65
300	180.67	191.25	191.25
305	194.35	205.51	205.51
310	223.84	236.29	236.29
315	274.27	289.00	289.00
320	346.73	364.88	364.88
325	439.28	461.89	461.89
330	548.61	576.55	576.55
335	670.79	704.74	704.74
340	801.36	841.78	841.78
345	935.34	982.40	982.40
350	1067.13	1120.75	1120.75
355	1190.75	1250.53	1250.53