

KEYZ WILLISTON, ND BL-19910128AD 660 kHz

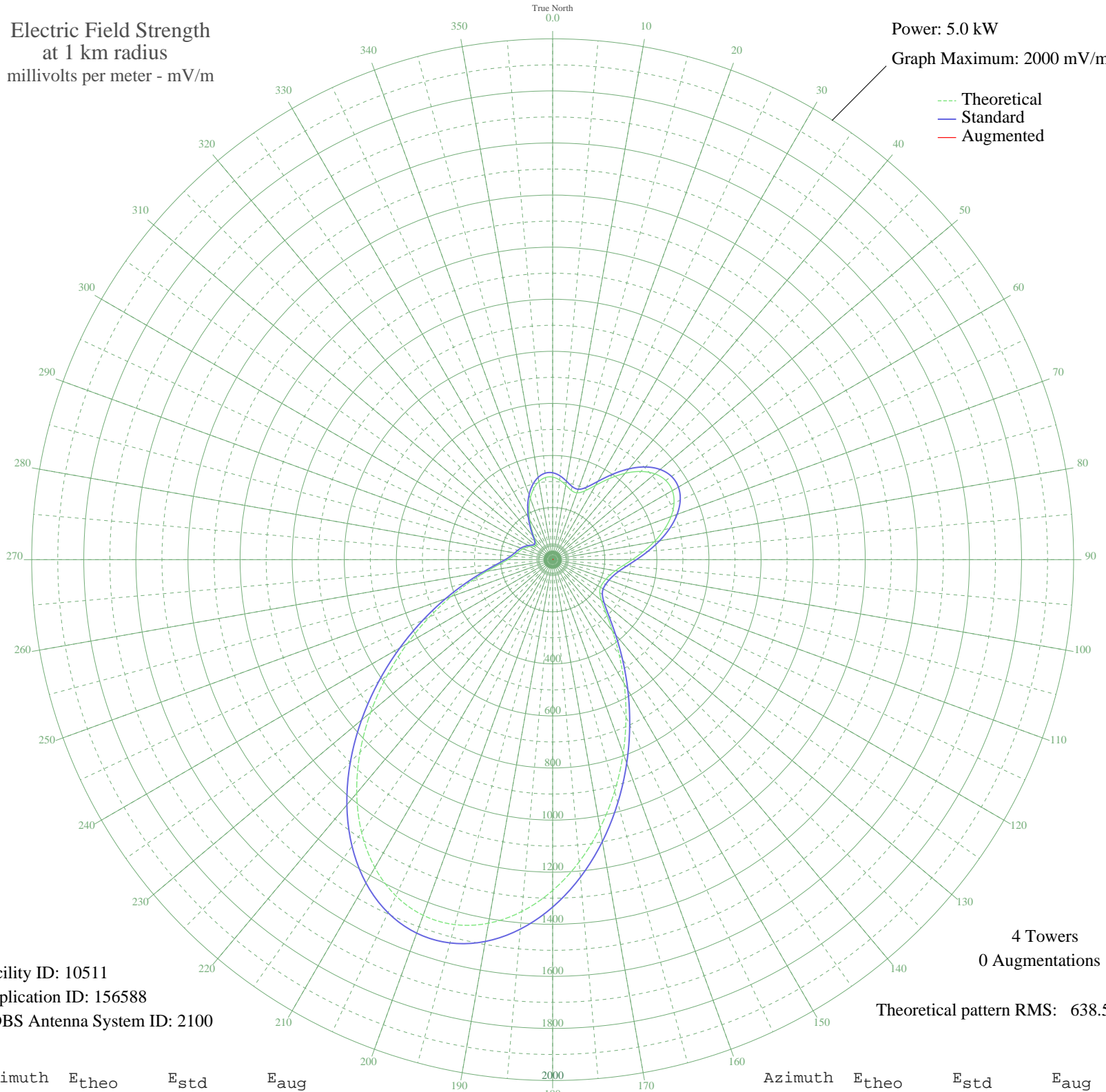
Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 10511  
Application ID: 156588  
CDBS Antenna System ID: 2100

4 Towers  
0 Augmentations

Theoretical pattern RMS: 638.58

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	316.98	333.69	
5	306.91	323.14	
10	290.53	305.99	
15	275.69	290.46	
20	273.12	287.76	
25	291.20	306.69	
30	329.63	346.93	
35	380.20	399.93	
40	432.80	455.07	
45	478.93	503.44	
50	512.57	538.73	
55	530.18	557.20	
60	530.45	557.48	
65	514.13	540.37	
70	483.66	508.40	
75	442.79	465.55	
80	396.16	416.65	
85	348.80	367.01	
90	305.52	321.68	
95	270.15	284.66	
100	244.51	257.84	
105	227.91	240.49	
110	217.94	230.08	
115	212.53	224.43	
120	212.11	223.99	
125	220.70	232.96	
130	244.82	258.17	
135	289.83	305.26	
140	357.14	375.76	
145	444.76	467.61	
150	549.16	577.12	
155	666.25	699.97	
160	791.54	831.46	
165	920.11	966.41	
170	1046.59	1099.18	
175	1165.28	1223.78	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1270.33	1334.07	
185	1356.11	1424.12	
190	1417.60	1488.67	
195	1450.83	1523.56	
200	1453.31	1526.16	
205	1424.32	1495.72	
210	1365.10	1433.55	
215	1278.80	1342.96	
220	1170.29	1229.04	
225	1045.70	1098.25	
230	911.90	957.79	
235	775.90	815.04	
240	644.28	676.91	
245	522.73	549.39	
250	415.73	437.17	
255	326.39	343.54	
260	256.35	270.23	
265	205.59	217.18	
270	172.05	182.23	
275	151.62	160.99	
280	139.15	148.04	
285	130.10	138.67	
290	121.44	129.73	
295	111.64	119.63	
300	100.57	108.26	
305	89.88	97.35	
310	83.96	91.33	
315	89.17	96.62	
320	108.55	116.45	
325	139.10	148.00	
330	175.90	186.23	
335	214.51	226.50	
340	251.09	264.72	
345	282.17	297.24	
350	304.75	320.88	
355	316.65	333.34	

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

Prepared by Audio Division, Media Bureau  
Federal Communications Commission