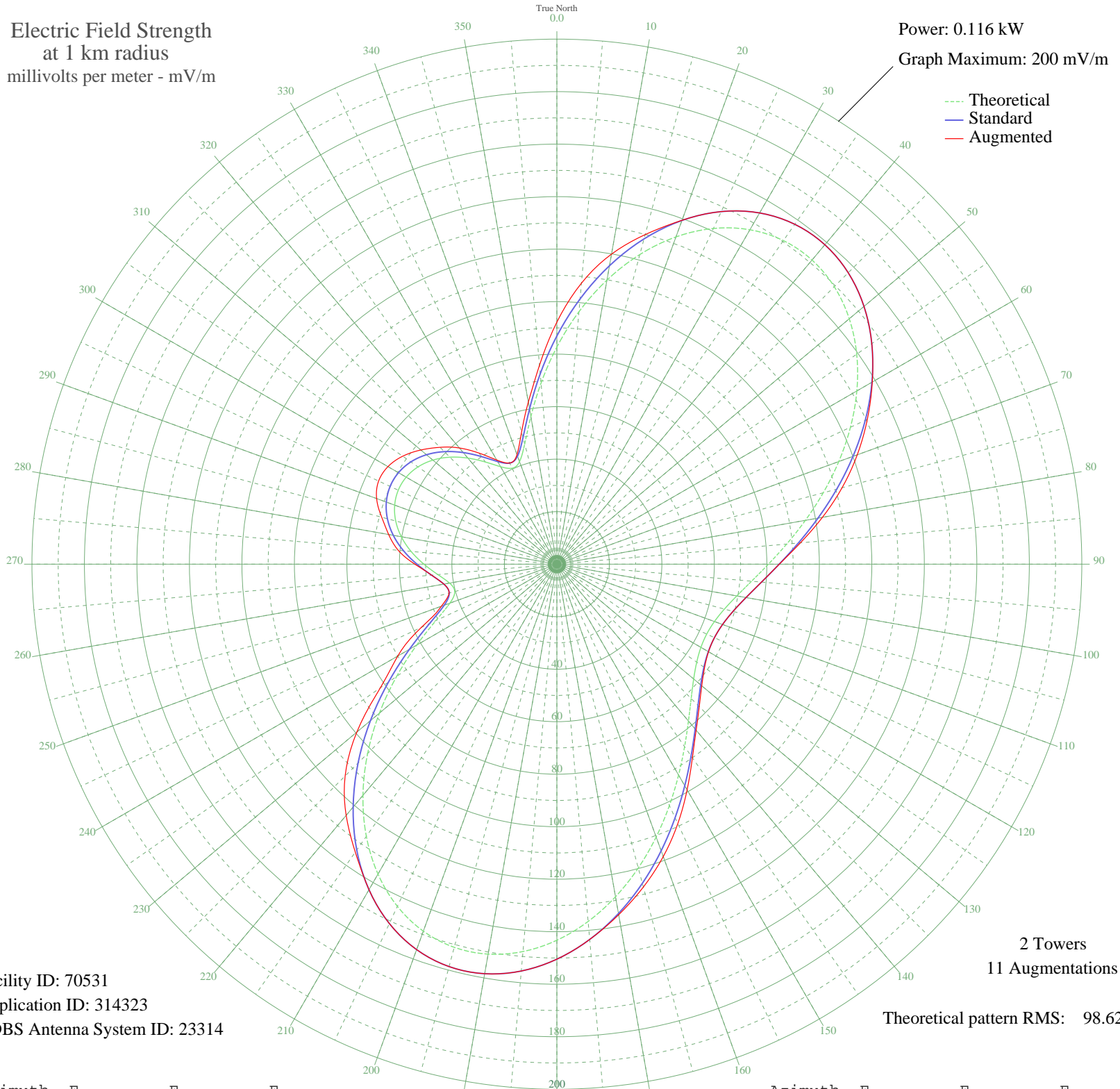


WHTX WARREN, OH BL-- 1570 kHz

Nighttime

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

Power: 0.116 kW
Graph Maximum: 200 mV/m



Facility ID: 70531
Application ID: 314323
CDBS Antenna System ID: 23314

Azimuth	E _{theo}	E _{std}	E _{aug}
0	82.72	86.93	92.20
5	96.53	101.42	107.44
10	109.88	115.43	119.93
15	122.11	128.27	129.97
20	132.66	139.34	139.39
25	141.09	148.19	148.19
30	147.09	154.49	154.49
35	150.48	158.04	158.04
40	151.24	158.84	158.84
45	149.48	156.99	156.99
50	145.43	152.75	152.75
55	139.46	146.47	146.47
60	131.96	138.61	138.77
65	123.42	129.64	130.51
70	114.30	120.07	121.79
75	105.07	110.38	112.49
80	96.14	101.01	102.73
85	87.89	92.35	93.13
90	80.59	84.70	84.75
95	74.46	78.26	78.26
100	69.61	73.17	73.17
105	66.09	69.48	69.48
110	63.89	67.18	67.18
115	62.99	66.24	66.24
120	63.37	66.64	66.70
125	65.05	68.39	68.68
130	68.04	71.53	72.06
135	72.36	76.06	76.71
140	77.99	81.97	82.56
145	84.84	89.15	90.03
150	92.74	97.44	99.24
155	101.44	106.57	109.04
160	110.60	116.18	118.52
165	119.81	125.86	127.32
170	128.65	135.12	135.60
175	136.62	143.49	143.50

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	143.25	150.46	150.46
185	148.11	155.56	155.56
190	150.82	158.41	158.41
195	151.10	158.69	158.69
200	148.76	156.24	156.24
205	143.80	151.03	151.03
210	136.31	143.17	143.17
215	126.56	132.94	133.90
220	114.94	120.74	124.89
225	101.96	107.12	114.09
230	88.25	92.73	99.49
235	74.53	78.34	82.11
240	61.70	64.89	69.99
245	50.87	53.53	56.97
250	43.37	45.67	46.82
255	40.29	42.45	42.51
260	41.50	43.72	43.72
265	45.52	47.92	47.92
270	50.65	53.31	54.11
275	55.76	58.66	60.68
280	60.18	63.29	65.08
285	63.57	66.85	69.08
290	65.76	69.15	73.09
295	66.68	70.10	74.95
300	66.29	69.69	74.32
305	64.60	67.92	71.71
310	61.67	64.85	67.66
315	57.63	60.62	62.95
320	52.75	55.50	57.78
325	47.51	50.02	51.64
330	42.87	45.16	45.80
335	40.32	42.48	42.51
340	41.57	43.80	44.42
345	47.39	49.89	52.01
350	57.06	60.02	62.68
355	69.24	72.79	76.05