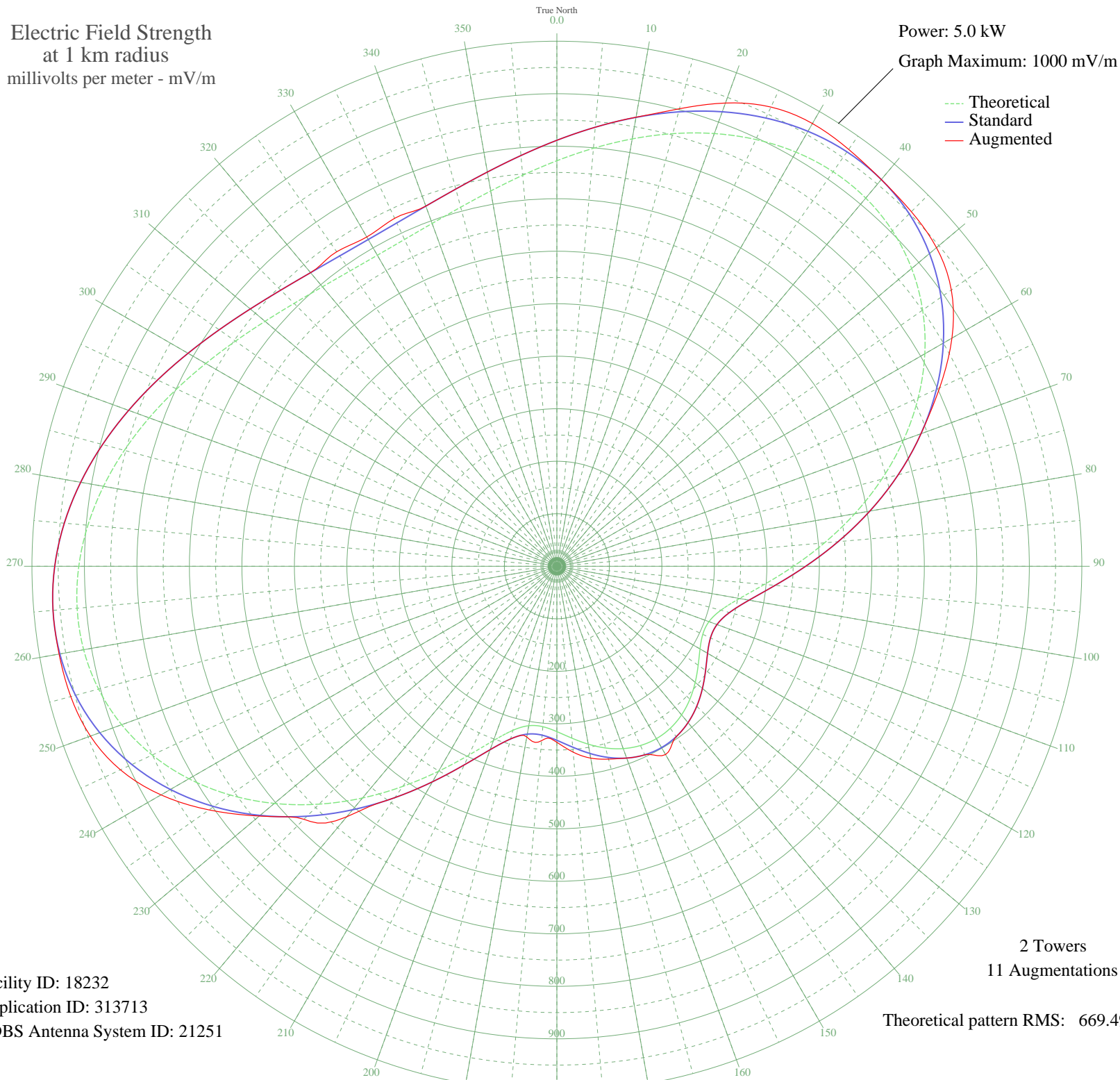


WLSH LANSFORD, PA BL-- 1410 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 18232
Application ID: 313713
CDBS Antenna System ID: 21251

2 Towers
11 Augmentations
Theoretical pattern RMS: 669.49

Azimuth	E _{theo}	E _{std}	E _{aug}
0	772.35	811.31	811.31
5	799.12	839.41	839.41
10	826.51	868.15	868.43
15	853.01	895.97	902.09
20	877.01	921.15	938.88
25	896.80	941.93	964.99
30	910.76	956.59	973.67
35	917.38	963.54	969.22
40	915.39	961.45	961.45
45	903.86	949.34	955.02
50	882.28	926.69	944.02
55	850.62	893.46	917.33
60	809.37	850.16	869.02
65	759.54	797.86	804.60
70	702.65	738.16	738.16
75	640.70	673.15	673.15
80	576.12	605.39	605.39
85	511.75	537.85	537.85
90	450.80	473.92	473.92
95	396.79	417.30	417.30
100	353.33	371.74	371.74
105	323.42	340.40	340.40
110	308.32	324.59	324.59
115	306.68	322.87	322.87
120	314.90	331.48	331.48
125	328.61	345.84	345.84
130	344.00	361.96	361.96
135	358.26	376.90	376.90
140	369.52	388.71	388.71
145	376.68	396.21	396.21
150	379.12	398.77	414.05
155	376.68	396.21	396.21
160	369.52	388.71	388.71
165	358.26	376.90	380.25
170	344.00	361.96	371.01
175	328.61	345.84	355.30

Azimuth	E _{theo}	E _{std}	E _{aug}
180	314.90	331.48	335.27
185	306.68	322.87	333.33
190	308.32	324.59	330.12
195	323.42	340.40	340.40
200	353.33	371.74	371.74
205	396.79	417.29	417.29
210	450.80	473.92	473.92
215	511.75	537.85	537.85
220	576.12	605.38	622.78
225	640.70	673.15	681.47
230	702.65	738.16	740.11
235	759.54	797.86	808.97
240	809.37	850.16	870.79
245	850.62	893.46	917.33
250	882.28	926.69	945.65
255	903.86	949.34	958.70
260	915.39	961.45	962.95
265	917.38	963.54	963.54
270	910.76	956.59	956.59
275	896.80	941.93	941.93
280	877.01	921.15	921.15
285	853.01	895.97	895.97
290	826.51	868.15	868.15
295	799.12	839.41	839.41
300	772.35	811.31	811.31
305	747.54	785.27	785.27
310	725.79	762.44	762.44
315	708.00	743.77	743.77
320	694.84	729.96	729.96
325	686.76	721.48	731.27
330	684.04	718.63	724.20
335	686.76	721.48	731.27
340	694.84	729.96	729.96
345	708.00	743.77	743.77
350	725.79	762.44	762.44
355	747.54	785.27	785.27

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission