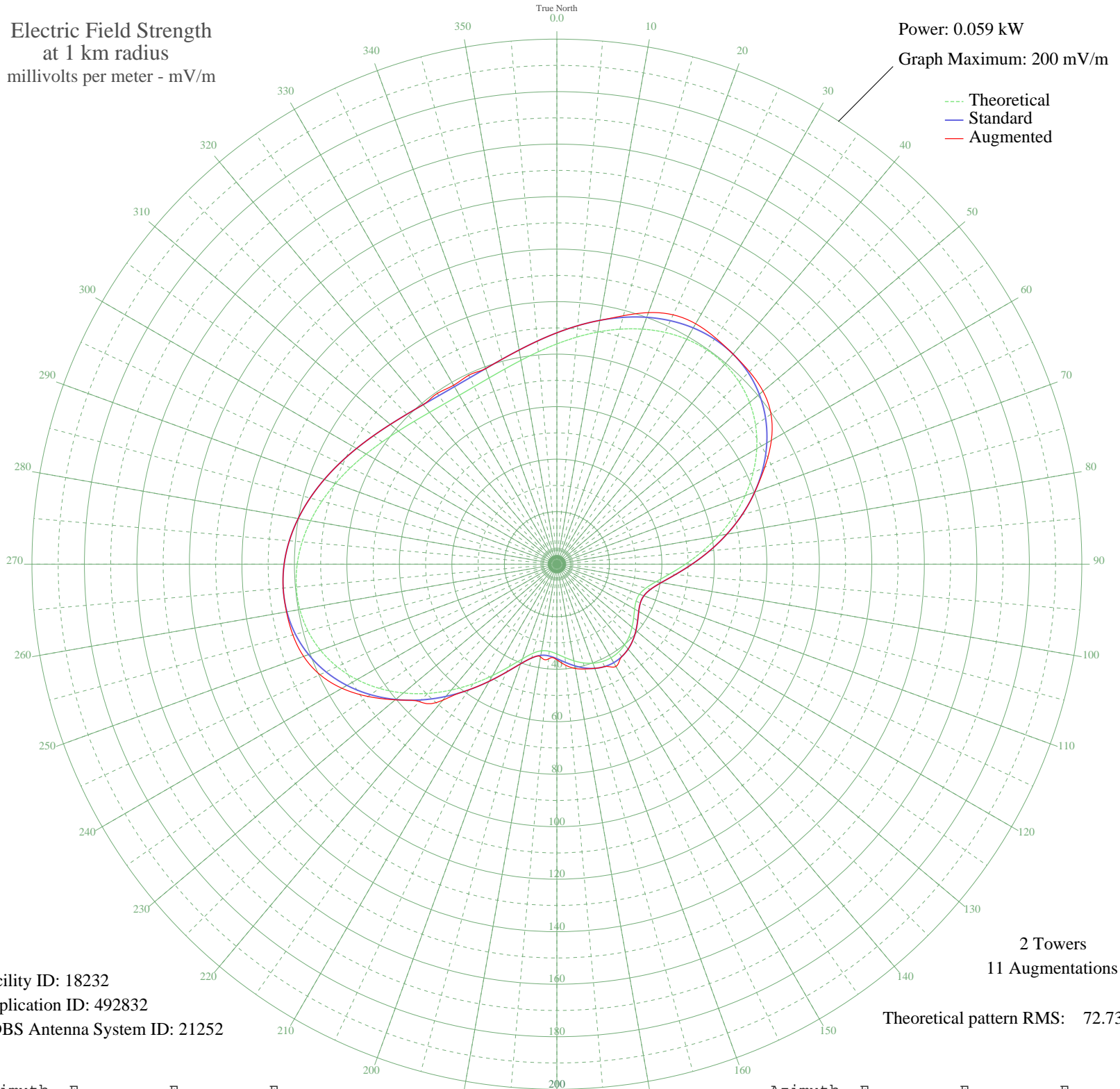


WLSH LANSFORD, PA PLAN-- 1410 kHz

Nighttime

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

Power: 0.059 kW
Graph Maximum: 200 mV/m



Facility ID: 18232
Application ID: 492832
CDBS Antenna System ID: 21252

2 Towers
11 Augmentations
Theoretical pattern RMS: 72.73

Azimuth	E _{theo}	E _{std}	E _{aug}
0	83.90	88.14	88.14
5	86.81	91.19	91.19
10	89.79	94.31	94.30
15	92.67	97.33	97.99
20	95.27	100.07	101.97
25	97.42	102.33	104.80
30	98.94	103.92	105.75
35	99.66	104.67	105.28
40	99.44	104.45	104.45
45	98.19	103.13	103.74
50	95.85	100.67	102.51
55	92.41	97.06	99.60
60	87.93	92.36	94.36
65	82.51	86.68	87.39
70	76.33	80.19	80.19
75	69.60	73.13	73.13
80	62.59	65.77	65.77
85	55.59	58.43	58.43
90	48.97	51.48	51.48
95	43.11	45.33	45.33
100	38.38	40.38	40.38
105	35.13	36.98	36.98
110	33.49	35.26	35.26
115	33.32	35.07	35.07
120	34.21	36.01	36.01
125	35.70	37.57	37.57
130	37.37	39.32	39.32
135	38.92	40.94	40.94
140	40.14	42.23	42.23
145	40.92	43.04	43.04
150	41.19	43.32	45.00
155	40.92	43.04	43.04
160	40.14	42.23	42.23
165	38.92	40.94	41.32
170	37.37	39.32	40.35
175	35.70	37.57	38.64

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	34.21	36.01	36.44
185	33.32	35.07	36.21
190	33.49	35.26	35.86
195	35.13	36.98	36.98
200	38.38	40.38	40.38
205	43.11	45.33	45.33
210	48.97	51.48	51.48
215	55.59	58.43	58.43
220	62.59	65.77	67.67
225	69.60	73.13	74.04
230	76.33	80.19	80.40
235	82.51	86.68	87.86
240	87.93	92.36	94.55
245	92.41	97.06	99.60
250	95.85	100.67	102.69
255	98.19	103.13	104.13
260	99.44	104.45	104.61
265	99.66	104.67	104.67
270	98.94	103.92	103.92
275	97.42	102.33	102.33
280	95.27	100.07	100.07
285	92.67	97.33	97.33
290	89.79	94.31	94.31
295	86.81	91.19	91.19
300	83.90	88.14	88.14
305	81.21	85.31	85.31
310	78.85	82.83	82.83
315	76.91	80.80	80.80
320	75.48	79.30	79.30
325	74.61	78.38	79.41
330	74.31	78.07	78.70
335	74.61	78.38	79.41
340	75.48	79.30	79.30
345	76.91	80.80	80.80
350	78.85	82.83	82.83
355	81.21	85.31	85.31