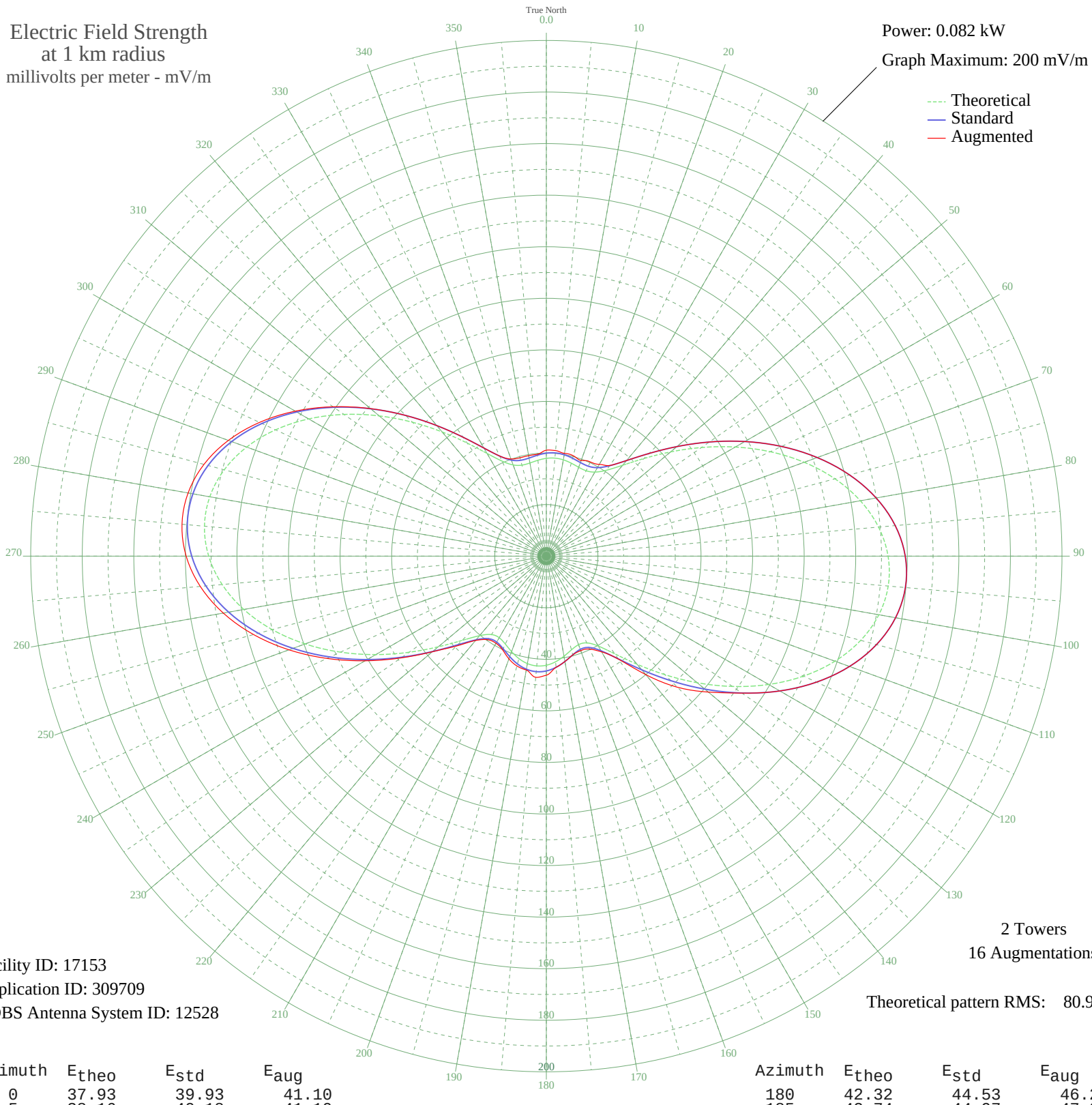
WSLM SALEM, IN BL-- 1220 kHz

Nighttime

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



Power: 0.082 kW

Graph Maximum: 200 mV/m

Theoretical
Standard
Augmented

2 Towers
16 Augmentations

Facility ID: 17153
Application ID: 309709
CDBS Antenna System ID: 12528

Theoretical pattern RMS: 80.97

Azimuth	E_{theo}	E_{std}	E_{aug}
0	37.93	39.93	41.10
5	38.16	40.18	41.10
10	37.93	39.93	40.48
15	37.33	39.31	40.32
20	36.68	38.63	39.49
25	36.54	38.49	40.32
30	37.64	39.64	41.10
35	40.67	42.81	42.91
40	46.01	48.40	48.40
45	53.55	56.31	56.31
50	62.88	66.09	66.09
55	73.44	77.17	77.17
60	84.62	88.90	88.90
65	95.82	100.66	100.66
70	106.44	111.80	111.80
75	115.90	121.73	121.73
80	123.68	129.90	129.90
85	129.34	135.84	135.84
90	132.55	139.21	139.21
95	133.11	139.80	139.80
100	130.96	137.54	137.54
105	126.22	132.57	132.57
110	119.14	125.13	125.13
115	110.08	115.63	115.63
120	99.55	104.57	104.57
125	88.11	92.56	92.62
130	76.37	80.25	82.02
135	65.01	68.32	71.91
140	54.72	57.53	59.98
145	46.24	48.65	48.75
150	40.26	42.38	42.86
155	37.12	39.10	39.79
160	36.54	38.48	39.02
165	37.63	39.63	39.64
170	39.41	41.49	41.49
175	41.13	43.29	43.29
180	42.32	44.53	46.20
185	42.74	44.97	47.20
190	42.32	44.53	44.83
195	41.13	43.29	44.10
200	39.41	41.49	42.40
205	37.63	39.63	40.10
210	36.54	38.48	39.04
215	37.12	39.10	39.56
220	40.26	42.38	42.69
225	46.24	48.65	49.30
230	54.72	57.53	57.69
235	65.01	68.32	68.83
240	76.37	80.25	81.17
245	88.11	92.56	93.89
250	99.55	104.57	106.24
255	110.08	115.63	117.55
260	119.14	125.13	127.22
265	126.22	132.57	134.74
270	130.96	137.54	139.70
275	133.11	139.80	141.85
280	132.55	139.21	141.09
285	129.34	135.84	137.48
290	123.68	129.90	131.24
295	115.90	121.73	122.74
300	106.44	111.80	112.47
305	95.82	100.66	101.01
310	84.62	88.90	89.01
315	73.44	77.17	77.17
320	62.88	66.09	66.09
325	53.55	56.31	56.31
330	46.01	48.40	48.40
335	40.67	42.81	42.83
340	37.64	39.64	40.09
345	36.54	38.49	39.49
350	36.68	38.63	39.56
355	37.33	39.31	39.65

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

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