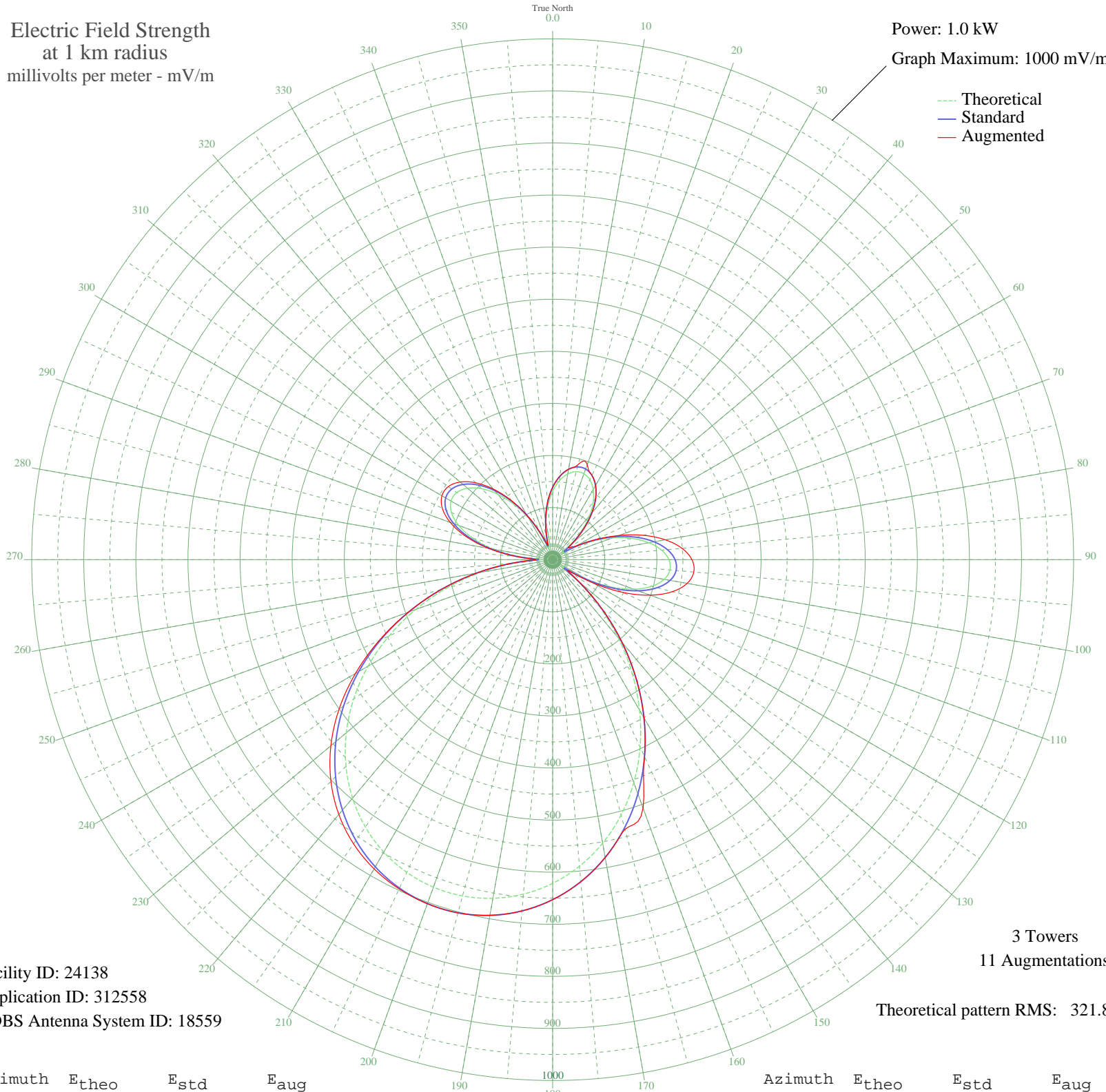


# WVHI EVANSVILLE, IN BL-- 1330 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

3 Towers  
11 Augmentations

Theoretical pattern RMS: 321.87

Facility ID: 24138  
Application ID: 312558  
CDBS Antenna System ID: 18559

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	131.24	138.87	138.87
5	152.40	160.94	160.94
10	167.07	176.27	176.27
15	174.87	184.41	189.14
20	175.58	185.16	193.98
25	169.19	178.48	178.52
30	155.87	164.56	164.69
35	135.96	143.80	144.05
40	110.07	116.85	117.33
45	79.14	84.86	85.71
50	45.08	50.36	52.02
55	19.67	26.89	40.20
60	44.43	49.73	53.26
65	83.42	89.27	90.41
70	122.14	129.40	135.77
75	157.56	166.33	180.62
80	187.46	197.58	219.61
85	209.89	221.06	249.36
90	223.17	234.96	267.40
95	225.98	237.90	271.98
100	217.43	228.95	262.14
105	197.21	207.79	237.72
110	165.58	174.71	199.38
115	123.43	130.74	148.67
120	72.55	78.10	88.57
125	22.06	28.87	36.89
130	58.85	64.15	65.89
135	126.19	133.62	134.24
140	196.28	206.81	207.10
145	266.08	279.91	280.03
150	333.55	350.65	350.69
155	397.08	417.29	417.29
160	455.37	478.45	507.34
165	507.49	533.14	535.95
170	552.78	580.67	580.67
175	590.83	620.61	620.61

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	621.46	652.76	652.76
185	644.58	677.03	677.03
190	660.21	693.43	693.43
195	668.38	702.01	702.01
200	669.12	702.79	702.93
205	662.44	695.77	697.46
210	648.30	680.94	685.48
215	626.68	658.24	666.16
220	597.56	627.67	638.56
225	560.97	589.27	601.89
230	517.11	543.24	555.79
235	466.32	489.93	500.52
240	409.19	429.99	437.15
245	346.62	364.36	367.58
250	279.82	294.31	294.66
255	210.34	221.52	221.52
260	140.12	148.13	148.15
265	71.83	77.36	78.49
270	19.81	27.00	32.19
275	61.66	66.99	70.12
280	113.86	120.79	124.69
285	157.95	166.74	172.39
290	191.78	202.11	209.17
295	214.32	225.70	233.69
300	225.19	237.08	245.42
305	224.61	236.47	244.51
310	213.33	224.66	231.78
315	192.60	202.96	208.60
320	164.04	173.11	176.87
325	129.56	137.13	138.89
330	91.31	97.41	97.62
335	52.00	57.25	58.53
340	20.80	27.81	32.49
345	38.33	43.78	43.78
350	72.48	78.02	78.02
355	104.25	110.81	110.81