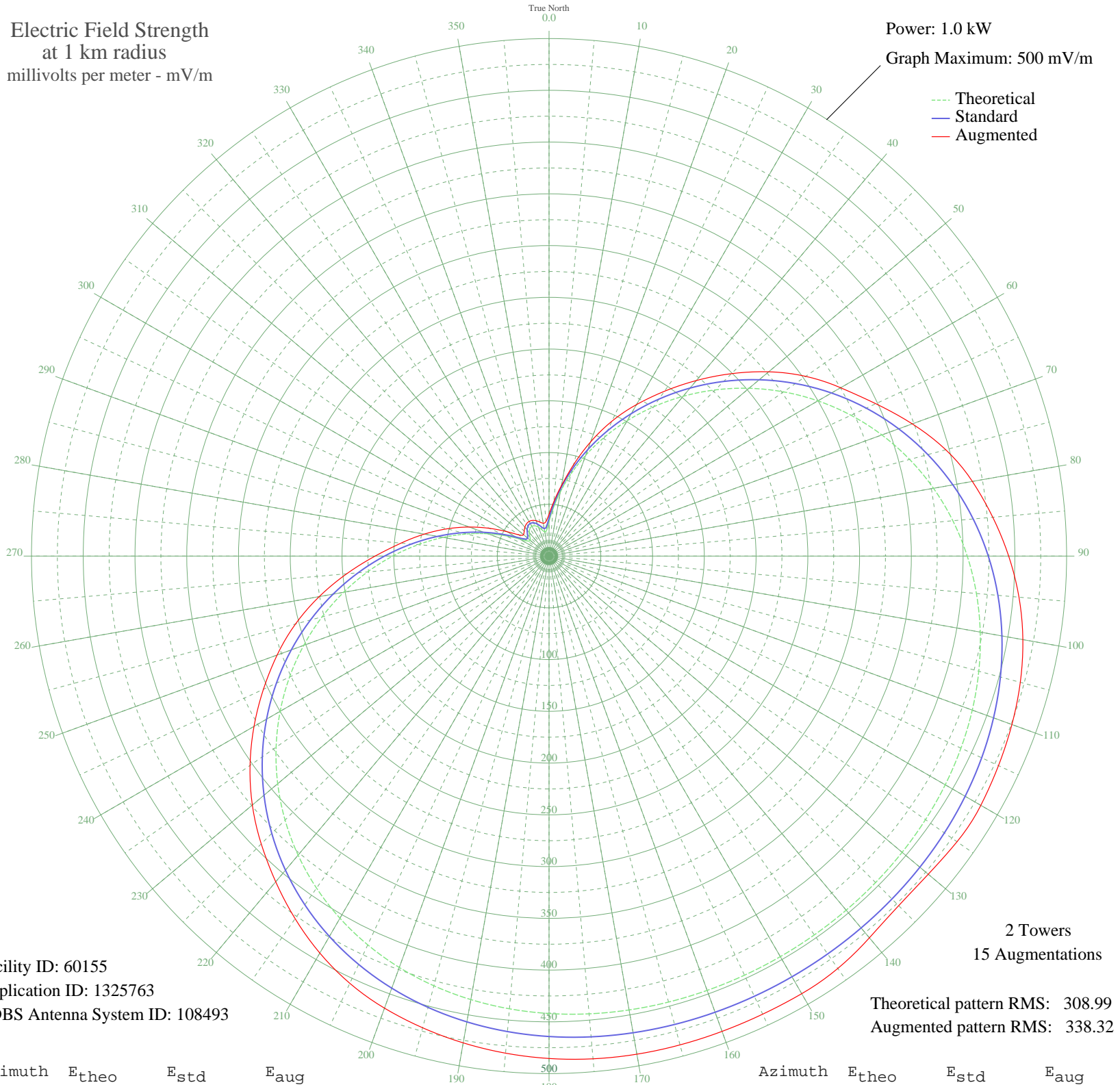


WAOB MILLVALE, PA BML-20090709APC 860 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 60155
Application ID: 1325763
CDBS Antenna System ID: 108493

Theoretical pattern RMS: 308.99
Augmented pattern RMS: 338.32

Azimuth	E _{theo}	E _{std}	E _{aug}
0	33.35	36.56	40.43
5	46.44	49.88	52.71
10	63.10	67.09	69.20
15	82.42	87.17	91.26
20	103.80	109.49	117.40
25	126.80	133.55	143.86
30	151.02	158.91	168.98
35	176.06	185.16	194.39
40	201.53	211.87	221.41
45	227.04	238.62	249.25
50	252.19	265.01	276.99
55	276.60	290.62	302.73
60	299.94	315.11	325.26
65	321.89	338.15	348.31
70	342.20	359.46	373.43
75	360.67	378.85	396.80
80	377.16	396.16	415.28
85	391.62	411.33	430.31
90	404.03	424.36	444.04
95	414.45	435.29	455.74
100	422.99	444.26	464.81
105	429.82	451.43	471.33
110	435.11	456.99	475.86
115	439.08	461.16	479.08
120	441.96	464.18	481.66
125	443.96	466.27	481.17
130	445.27	467.65	478.22
135	446.09	468.52	477.67
140	446.57	469.01	481.46
145	446.81	469.26	486.37
150	446.88	469.34	488.21
155	446.81	469.26	488.36
160	446.57	469.01	488.69
165	446.09	468.52	488.93
170	445.27	467.65	488.68
175	443.96	466.27	487.58

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

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	441.96	464.18	485.42
185	439.08	461.16	482.10
190	435.11	456.99	477.58
195	429.82	451.43	471.83
200	422.99	444.26	464.81
205	414.45	435.29	455.45
210	404.03	424.36	442.88
215	391.62	411.33	427.69
220	377.16	396.16	410.82
225	360.67	378.85	393.23
230	342.20	359.46	374.18
235	321.89	338.15	352.63
240	299.94	315.11	329.12
245	276.60	290.62	304.45
250	252.19	265.01	279.56
255	227.04	238.62	253.59
260	201.53	211.87	225.43
265	176.06	185.16	196.24
270	151.02	158.91	168.04
275	126.80	133.55	143.55
280	103.80	109.49	122.31
285	82.42	87.17	101.84
290	63.10	67.09	82.03
295	46.44	49.88	63.39
300	33.35	36.56	47.26
305	25.39	28.65	35.83
310	23.66	26.97	32.19
315	26.18	29.43	33.97
320	29.68	32.89	36.32
325	32.27	35.47	38.02
330	33.19	36.40	38.62
335	32.27	35.47	38.02
340	29.68	32.89	36.32
345	26.18	29.43	33.97
350	23.66	26.97	32.19
355	25.39	28.65	33.57