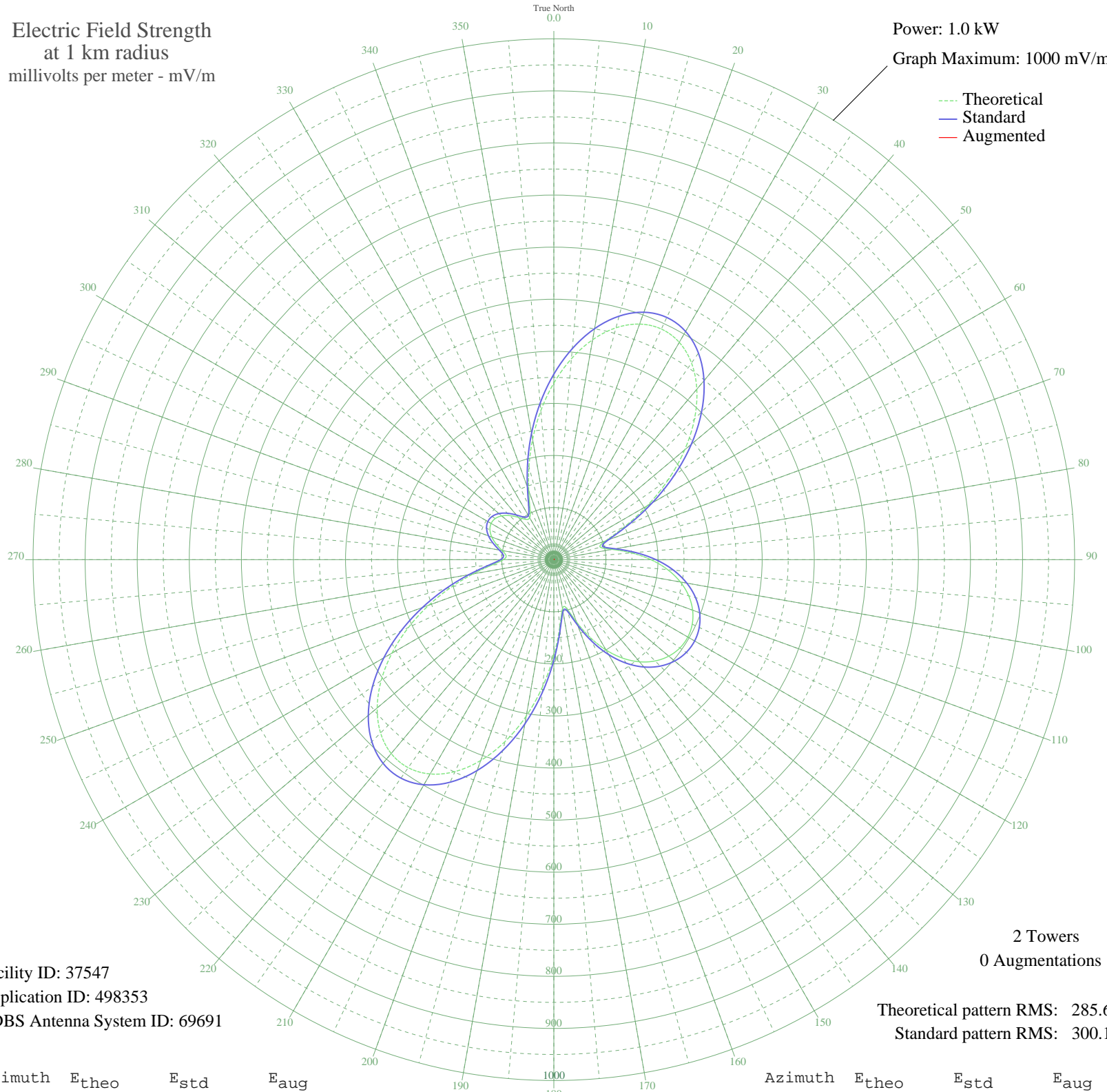


WSOM SALEM, OH BL-20000410ACH 600 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 37547
Application ID: 498353
CDBS Antenna System ID: 69691

2 Towers
0 Augmentations

Theoretical pattern RMS: 285.60
Standard pattern RMS: 300.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	339.05	356.16	
5	387.24	406.73	
10	428.73	450.29	
15	460.85	484.00	
20	481.34	505.52	
25	488.60	513.13	
30	481.79	505.98	
35	460.97	484.13	
40	427.09	448.56	
45	381.95	401.18	
50	328.06	344.63	
55	268.60	282.23	
60	207.43	218.06	
65	149.90	157.74	
70	105.68	111.46	
75	92.22	97.40	
80	113.68	119.83	
85	149.61	157.44	
90	186.41	196.02	
95	219.31	230.52	
100	246.70	259.25	
105	268.13	281.74	
110	283.59	297.96	
115	293.21	308.05	
120	297.15	312.18	
125	295.46	310.41	
130	288.13	302.72	
135	275.03	288.97	
140	256.00	269.00	
145	230.97	242.75	
150	200.17	210.44	
155	164.61	173.16	
160	127.37	134.15	
165	97.62	103.04	
170	95.59	100.92	
175	129.80	136.69	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	183.59	193.06	
185	244.09	256.51	
190	304.75	320.16	
195	361.28	379.49	
200	410.26	430.90	
205	448.90	471.46	
210	475.11	498.97	
215	487.58	512.06	
220	485.90	510.30	
225	470.55	494.19	
230	442.84	465.10	
235	404.80	425.16	
240	358.94	377.04	
245	308.14	323.72	
250	255.44	268.41	
255	204.00	214.45	
260	157.32	165.52	
265	119.76	126.19	
270	96.86	102.25	
275	92.09	97.26	
280	100.79	106.35	
285	114.27	120.44	
290	126.70	133.45	
295	135.35	142.50	
300	139.06	146.39	
305	137.46	144.71	
310	130.70	137.64	
315	119.57	125.99	
320	106.03	111.82	
325	94.46	99.74	
330	92.83	98.04	
335	108.53	114.44	
340	140.91	148.33	
345	184.54	194.05	
350	234.52	246.47	
355	287.12	301.65	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission