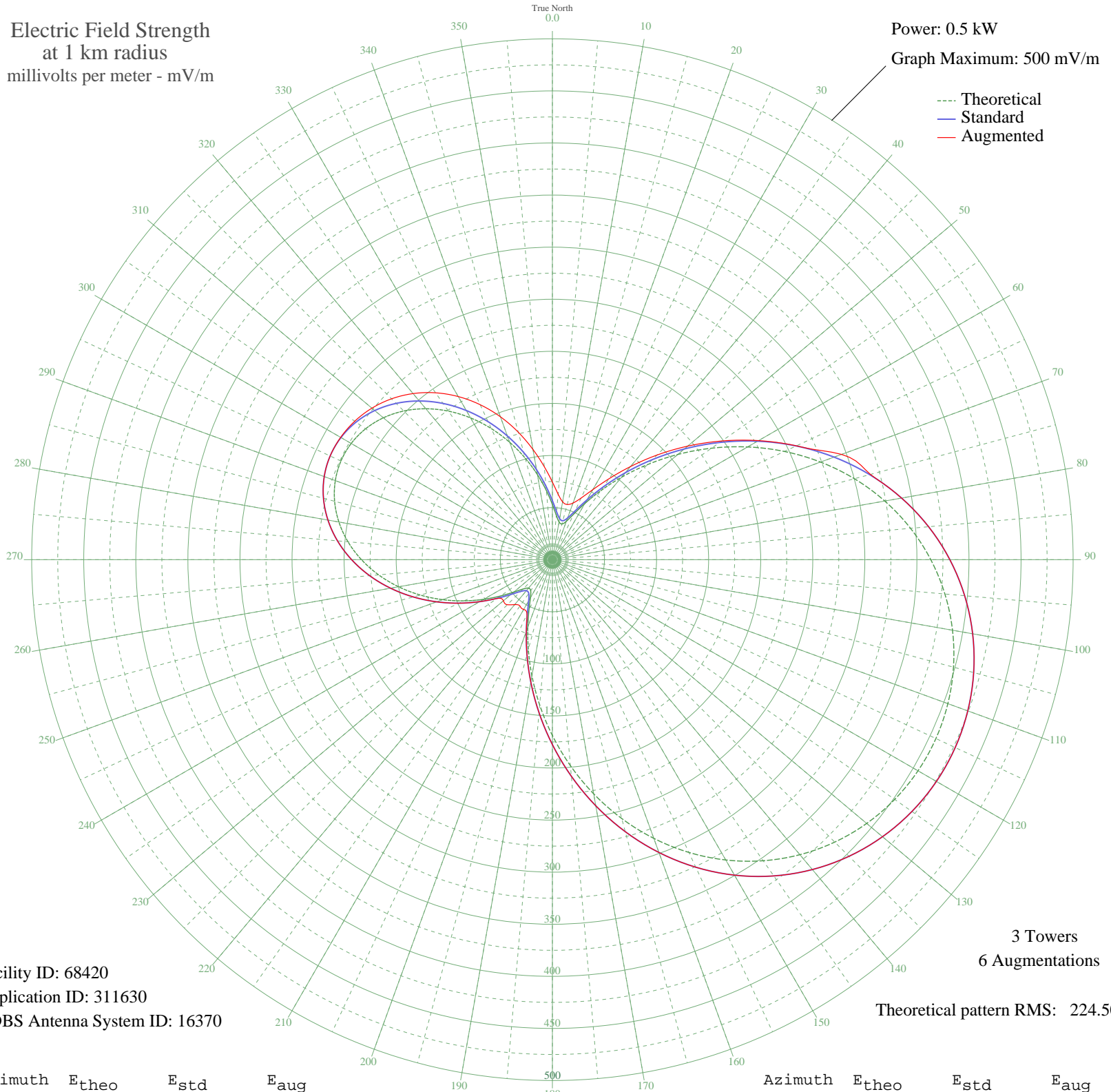


WMXB TUSCALOOSA, AL BL-6213 1280 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 68420  
Application ID: 311630  
CDBS Antenna System ID: 16370

Theoretical pattern RMS: 224.50  
3 Towers  
6 Augmentations

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	52.96	56.59	74.50
5	42.76	46.11	63.12
10	36.74	39.98	56.36
15	35.45	38.68	54.83
20	39.22	42.50	57.81
25	48.16	51.65	65.26
30	62.11	66.06	77.61
35	80.68	85.36	94.90
40	103.25	108.92	116.69
45	129.03	135.88	142.03
50	157.12	165.31	169.56
55	186.56	196.17	198.64
60	216.42	227.48	228.57
65	245.81	258.32	258.58
70	273.96	287.85	295.43
75	300.22	315.41	316.15
80	324.10	340.46	340.46
85	345.21	362.63	362.63
90	363.34	381.65	381.65
95	378.33	397.38	397.38
100	390.12	409.76	409.76
105	398.71	418.78	418.78
110	404.11	424.44	424.44
115	406.32	426.77	426.77
120	405.37	425.77	425.77
125	401.25	421.44	421.44
130	393.94	413.77	413.77
135	383.43	402.74	402.74
140	369.71	388.34	388.34
145	352.83	370.62	370.62
150	332.89	349.69	349.69
155	310.08	325.76	325.76
160	284.73	299.15	299.15
165	257.26	270.33	270.33
170	228.28	239.92	239.92
175	198.51	208.70	208.70

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.

6 Oct 2022

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	168.79	177.54	177.54
185	140.04	147.41	147.41
190	113.22	119.35	119.35
195	89.27	94.32	94.32
200	69.02	73.22	73.22
205	53.16	56.79	57.74
210	42.18	45.52	55.13
215	36.34	39.57	54.26
220	35.64	38.86	56.32
225	39.82	43.11	61.16
230	48.42	51.91	61.40
235	60.78	64.68	64.97
240	76.12	80.61	80.61
245	93.57	98.81	98.81
250	112.25	118.33	118.33
255	131.31	138.27	138.27
260	149.96	157.81	157.81
265	167.50	176.19	176.19
270	183.36	192.81	192.81
275	197.04	207.16	207.16
280	208.18	218.84	218.84
285	216.51	227.58	227.58
290	221.83	233.16	233.16
295	224.04	235.48	235.48
300	223.10	234.49	234.79
305	219.01	230.20	231.71
310	211.86	222.70	226.25
315	201.82	212.17	218.38
320	189.11	198.85	208.13
325	174.08	183.08	195.55
330	157.14	165.34	180.80
335	138.86	146.18	164.15
340	119.88	126.31	145.97
345	100.94	106.51	126.74
350	82.90	87.67	107.42
355	66.61	70.72	89.61