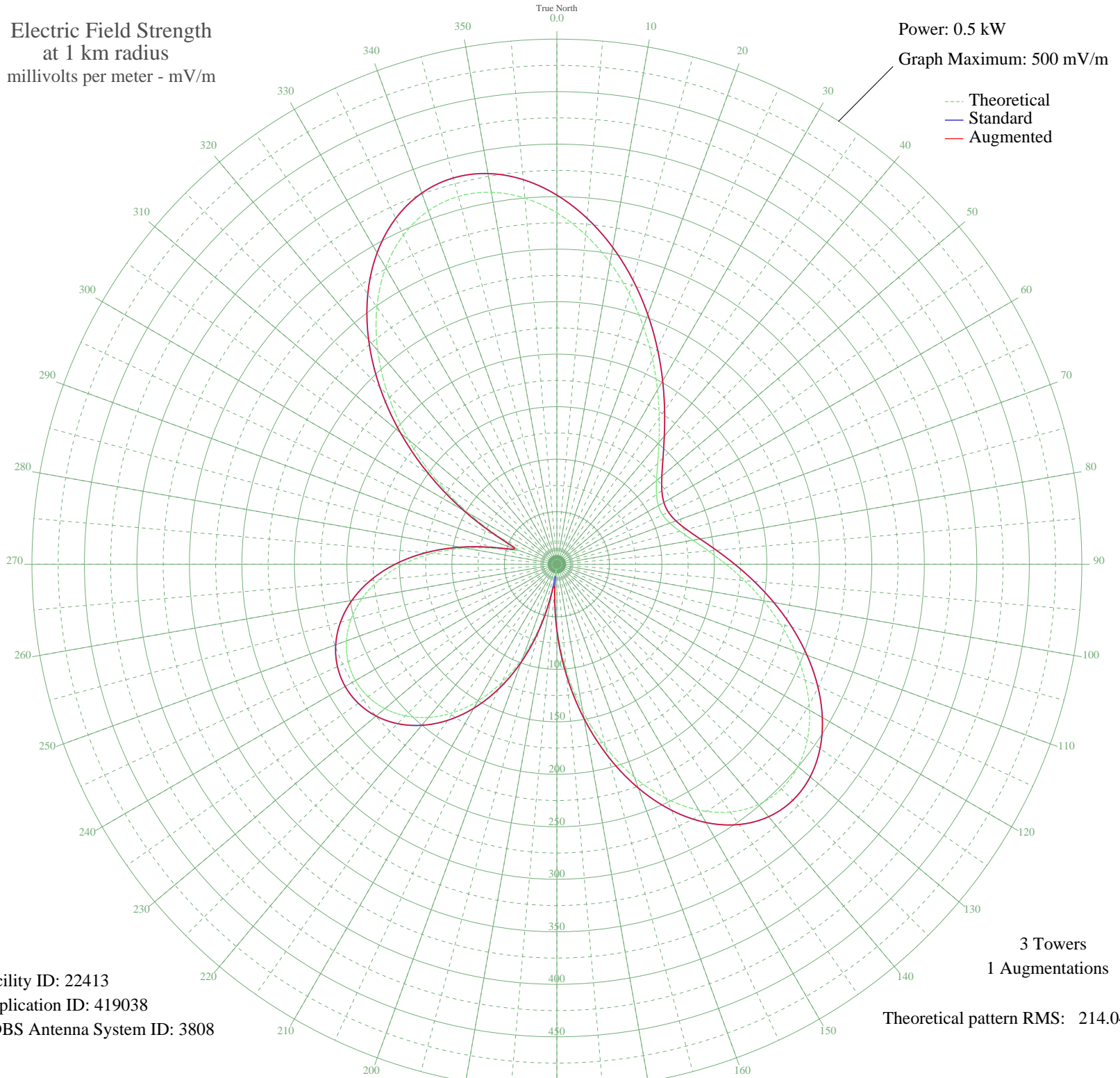


# KFSA FORT SMITH, AR BL-14206 950 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 22413  
Application ID: 419038  
CDBS Antenna System ID: 3808

3 Towers  
1 Augmentations  
Theoretical pattern RMS: 214.04

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	334.62	351.50	351.50
5	314.73	330.63	330.63
10	291.60	306.36	306.36
15	266.55	280.08	280.08
20	240.83	253.09	253.09
25	215.55	226.57	226.57
30	191.70	201.56	201.56
35	170.07	178.88	178.88
40	151.28	159.19	159.19
45	135.80	142.98	142.98
50	123.94	130.56	130.56
55	115.86	122.11	122.11
60	111.64	117.69	117.69
65	111.22	117.26	117.26
70	114.51	120.70	120.70
75	121.36	127.86	127.86
80	131.59	138.57	138.57
85	144.94	152.55	152.55
90	161.07	169.45	169.45
95	179.51	188.78	188.78
100	199.60	209.84	209.84
105	220.53	231.79	231.79
110	241.31	253.59	253.59
115	260.83	274.07	274.07
120	277.88	291.96	291.96
125	291.25	305.99	305.99
130	299.79	314.95	314.95
135	302.52	317.82	317.82
140	298.72	313.84	313.84
145	287.99	302.57	302.57
150	270.29	284.00	284.00
155	245.98	258.49	258.49
160	215.77	226.80	226.80
165	180.69	190.01	190.01
170	141.97	149.44	149.44
175	100.99	106.56	106.56

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	59.16	63.00	63.00
185	18.03	21.65	25.87
190	22.73	26.07	28.03
195	59.85	63.71	63.71
200	93.89	99.15	99.15
205	124.20	130.84	130.84
210	150.47	158.34	158.34
215	172.55	181.48	181.48
220	190.43	200.23	200.23
225	204.19	214.66	214.66
230	213.91	224.85	224.85
235	219.66	230.88	230.88
240	221.49	232.80	232.80
245	219.38	230.59	230.59
250	213.27	224.17	224.17
255	203.02	213.43	213.43
260	188.51	198.21	198.21
265	169.64	178.43	178.43
270	146.41	154.09	154.09
275	119.07	125.46	125.46
280	88.44	93.46	93.46
285	57.45	61.23	61.23
290	39.46	42.74	42.74
295	58.50	62.32	62.32
300	97.27	102.68	102.68
305	140.81	148.22	148.22
310	184.79	194.31	194.31
315	226.93	238.51	238.51
320	265.47	278.94	278.94
325	298.89	314.01	314.01
330	325.98	342.44	342.44
335	345.87	363.32	363.32
340	358.08	376.13	376.13
345	362.55	380.83	380.83
350	359.62	377.74	377.74
355	349.98	367.62	367.62