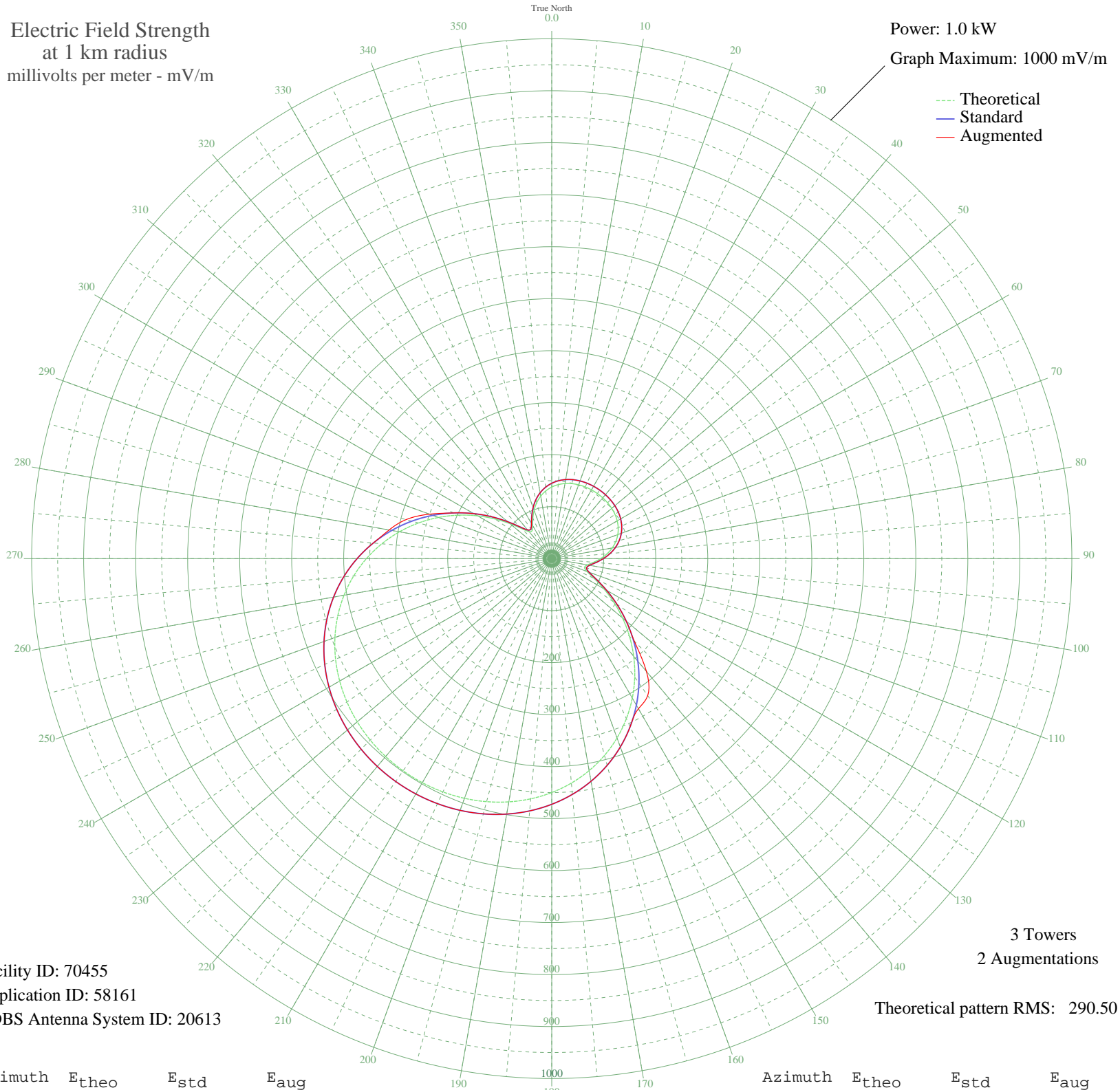


# KFRO LONGVIEW, TX BL-19830613AJ 1370 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 70455  
Application ID: 58161  
CDBS Antenna System ID: 20613

3 Towers  
2 Augmentations  
Theoretical pattern RMS: 290.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	137.68	144.95	144.95
5	142.90	150.41	150.41
10	146.71	154.40	154.40
15	149.36	157.18	157.18
20	151.12	159.02	159.02
25	152.20	160.15	160.15
30	152.75	160.73	160.73
35	152.87	160.86	160.86
40	152.58	160.56	160.56
45	151.84	159.77	159.77
50	150.51	158.38	158.38
55	148.42	156.19	156.19
60	145.34	152.96	152.96
65	141.00	148.42	148.42
70	135.14	142.28	142.28
75	127.53	134.32	134.32
80	118.03	124.37	124.37
85	106.67	112.49	112.49
90	93.85	99.10	99.10
95	80.66	85.34	85.34
100	69.59	73.82	73.82
105	65.19	69.25	69.25
110	71.99	76.31	76.31
115	89.88	94.96	94.96
120	115.37	121.59	121.59
125	145.34	152.97	152.97
130	177.80	186.98	186.98
135	211.39	222.21	224.54
140	245.11	257.58	283.25
145	278.13	292.23	321.64
150	309.79	325.45	333.36
155	339.55	356.69	356.69
160	367.02	385.51	385.51
165	391.90	411.63	411.63
170	414.04	434.87	434.87
175	433.36	455.15	455.15

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	449.91	472.52	472.52
185	463.76	487.06	487.06
190	475.05	498.91	498.91
195	483.93	508.24	508.24
200	490.57	515.20	515.20
205	495.09	519.95	519.95
210	497.61	522.59	522.59
215	498.18	523.20	523.20
220	496.84	521.78	521.78
225	493.53	518.31	518.31
230	488.17	512.69	512.69
235	480.66	504.80	504.80
240	470.83	494.48	494.48
245	458.53	481.57	481.57
250	443.62	465.92	465.92
255	425.97	447.39	447.39
260	405.52	425.92	425.92
265	382.27	401.52	401.52
270	356.33	374.29	374.29
275	327.90	344.46	344.46
280	297.33	312.37	317.56
285	265.05	278.50	290.00
290	231.66	243.47	250.10
295	197.89	208.05	208.05
300	164.61	173.16	173.16
305	132.96	140.00	140.00
310	104.49	110.22	110.22
315	81.60	86.32	86.32
320	67.80	71.96	71.96
325	65.80	69.88	69.88
330	73.52	77.91	77.91
335	85.86	90.77	90.77
340	99.11	104.59	104.59
345	111.42	117.46	117.46
350	122.06	128.59	128.59
355	130.79	137.74	137.74