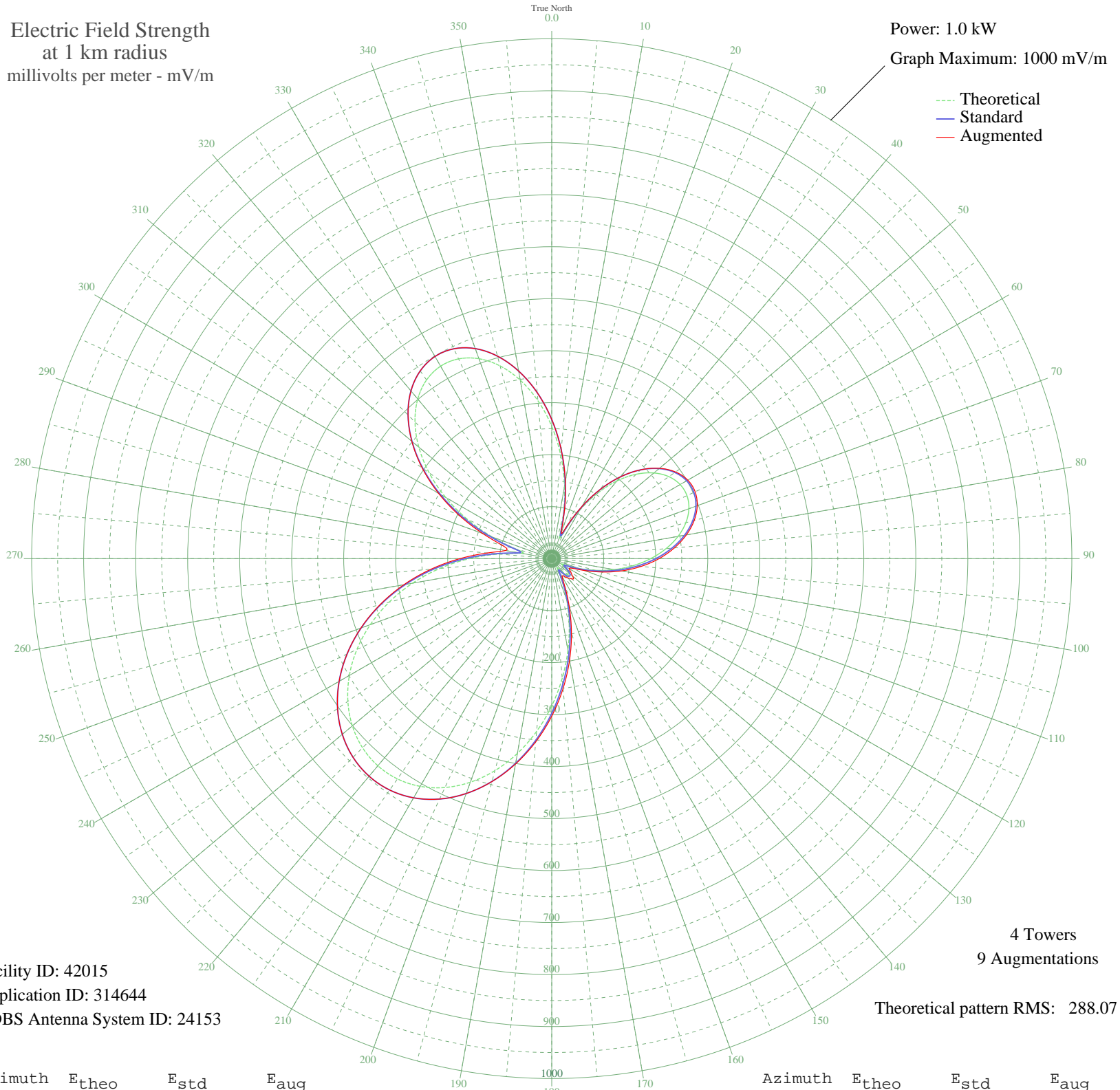


# KCRS MIDLAND, TX BL-11253 550 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 42015  
Application ID: 314644  
CDBS Antenna System ID: 24153

4 Towers  
9 Augmentations  
Theoretical pattern RMS: 288.07

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	254.54	267.65	267.67
5	199.27	209.72	209.99
10	141.56	149.33	150.28
15	85.23	90.63	93.05
20	44.07	48.44	53.50
25	61.11	65.75	69.21
30	107.36	113.63	115.03
35	153.72	162.04	162.49
40	195.05	205.30	205.36
45	229.58	241.49	241.56
50	256.38	269.58	270.28
55	274.95	289.05	290.67
60	285.08	299.67	302.07
65	286.86	301.55	304.26
70	280.63	295.01	297.74
75	266.95	280.66	283.61
80	246.61	259.34	262.85
85	220.61	232.08	236.69
90	190.16	200.18	206.33
95	156.64	165.09	172.38
100	121.64	128.52	136.11
105	86.95	92.41	99.27
110	54.78	59.27	66.30
115	29.12	33.76	43.98
120	21.68	26.89	38.86
125	32.14	36.65	44.57
130	41.34	45.70	52.30
135	43.59	47.96	55.53
140	37.82	42.21	48.77
145	25.51	30.37	41.47
150	21.13	26.41	39.76
155	45.90	50.28	60.37
160	84.27	89.63	98.80
165	129.56	136.79	146.39
170	179.21	188.71	197.86
175	231.09	243.07	250.65

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	283.19	297.69	303.13
185	333.56	350.53	353.77
190	380.43	399.71	401.14
195	422.23	443.58	443.89
200	457.67	480.77	480.77
205	485.75	510.24	510.24
210	505.75	531.23	531.23
215	517.26	543.31	543.31
220	520.13	546.32	546.32
225	514.43	540.34	540.34
230	500.44	525.66	525.66
235	478.56	502.70	502.70
240	449.32	472.01	472.01
245	413.32	434.22	434.27
250	371.22	390.04	390.54
255	323.74	340.22	341.71
260	271.69	285.63	288.79
265	216.08	227.33	233.08
270	158.38	166.91	176.74
275	101.81	107.86	124.52
280	59.35	63.94	90.19
285	71.05	75.96	98.19
290	121.85	128.74	141.25
295	179.31	188.82	195.71
300	235.59	247.78	251.41
305	287.70	302.43	304.09
310	333.66	350.64	351.19
315	371.84	390.69	390.75
320	400.85	421.14	421.14
325	419.63	440.84	440.84
330	427.43	449.03	449.03
335	423.93	445.36	445.36
340	409.21	429.91	429.91
345	383.79	403.23	403.23
350	348.61	366.32	366.32
355	304.97	320.54	320.54

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