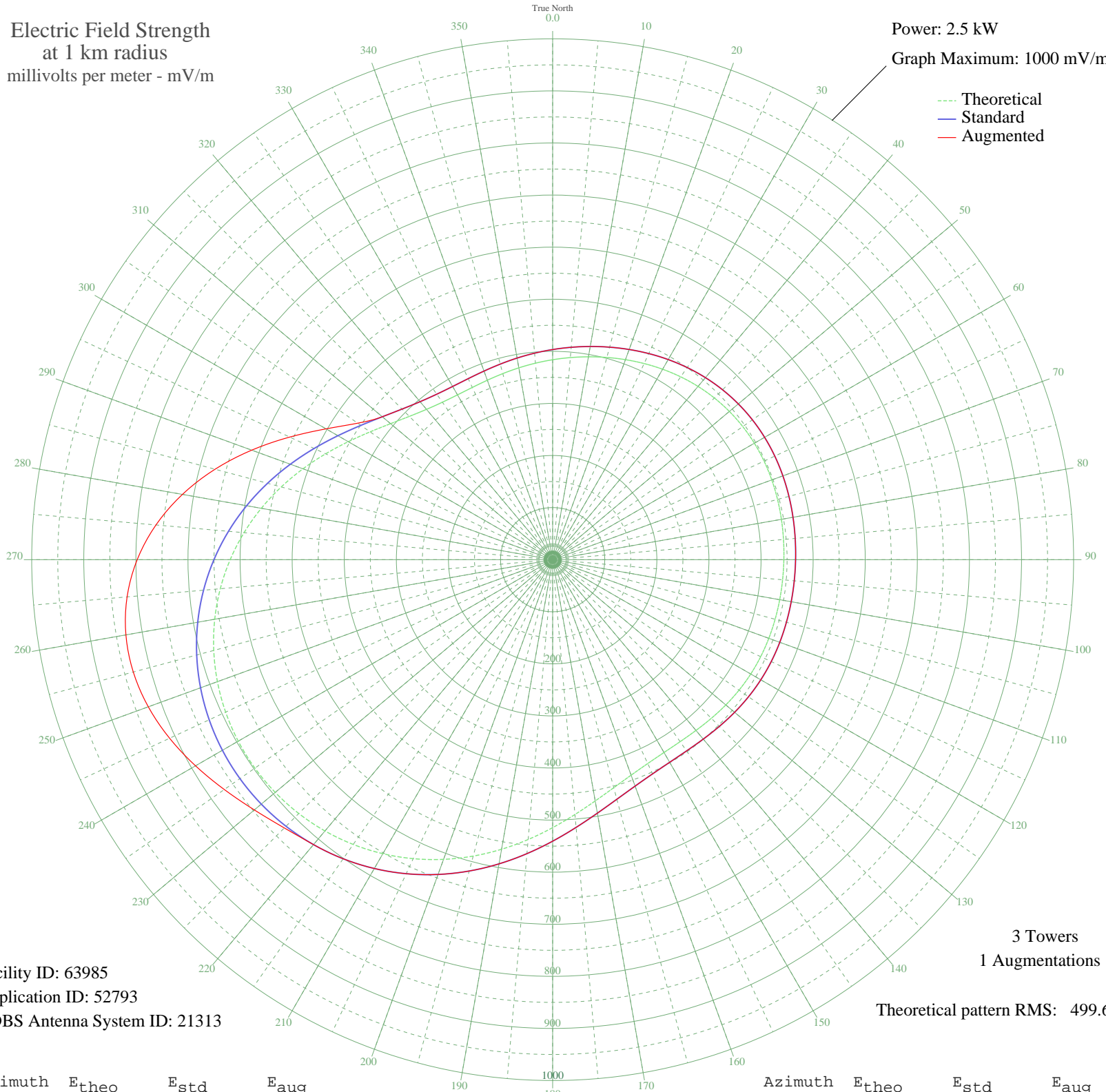


WBRD PALMETTO, FL BL-19830222AK 1420 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 63985
Application ID: 52793
CDBS Antenna System ID: 21313

3 Towers
1 Augmentations

Theoretical pattern RMS: 499.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	383.85	403.40	403.40
5	389.45	409.28	409.28
10	395.48	415.61	415.61
15	401.91	422.35	422.35
20	408.63	429.40	429.40
25	415.47	436.58	436.58
30	422.18	443.62	443.62
35	428.50	450.25	450.25
40	434.18	456.21	456.21
45	438.99	461.26	461.26
50	442.78	465.24	465.24
55	445.49	468.07	468.07
60	447.11	469.78	469.78
65	447.77	470.47	470.47
70	447.62	470.32	470.32
75	446.91	469.57	469.57
80	445.89	468.49	468.49
85	444.79	467.34	467.34
90	443.82	466.32	466.32
95	443.07	465.54	465.54
100	442.55	464.99	464.99
105	442.12	464.54	464.54
110	441.56	463.96	463.96
115	440.62	462.97	462.97
120	439.07	461.34	461.34
125	436.79	458.95	458.95
130	433.89	455.91	455.91
135	430.74	452.60	452.60
140	428.00	449.72	449.72
145	426.58	448.23	448.23
150	427.53	449.23	449.23
155	431.86	453.78	453.78
160	440.33	462.66	462.66
165	453.24	476.21	476.21
170	470.40	494.22	494.22
175	491.15	515.99	515.99

Azimuth	E _{theo}	E _{std}	E _{aug}
180	514.51	540.51	540.51
185	539.36	566.58	566.58
190	564.58	593.05	593.05
195	589.17	618.87	618.87
200	612.32	643.16	643.16
205	633.37	665.26	665.26
210	651.86	684.67	684.67
215	667.46	701.04	701.04
220	679.95	714.16	714.16
225	689.22	723.88	728.45
230	695.17	730.13	747.54
235	697.75	732.84	769.43
240	696.91	731.96	791.59
245	692.61	727.44	811.30
250	684.81	719.25	825.98
255	673.49	707.37	833.40
260	658.67	691.82	831.79
265	640.44	672.68	820.00
270	618.99	650.16	797.49
275	594.64	624.60	764.40
280	567.87	596.51	721.63
285	539.37	566.60	670.88
290	510.01	535.78	614.75
295	480.83	505.16	556.92
300	453.02	475.97	502.27
305	427.78	449.49	456.81
310	406.19	426.84	426.84
315	389.06	408.86	408.86
320	376.71	395.92	395.92
325	369.01	387.84	387.84
330	365.34	383.99	383.99
335	364.84	383.46	383.46
340	366.59	385.30	385.30
345	369.82	388.68	388.68
350	373.95	393.02	393.02
355	378.68	397.98	397.98

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission