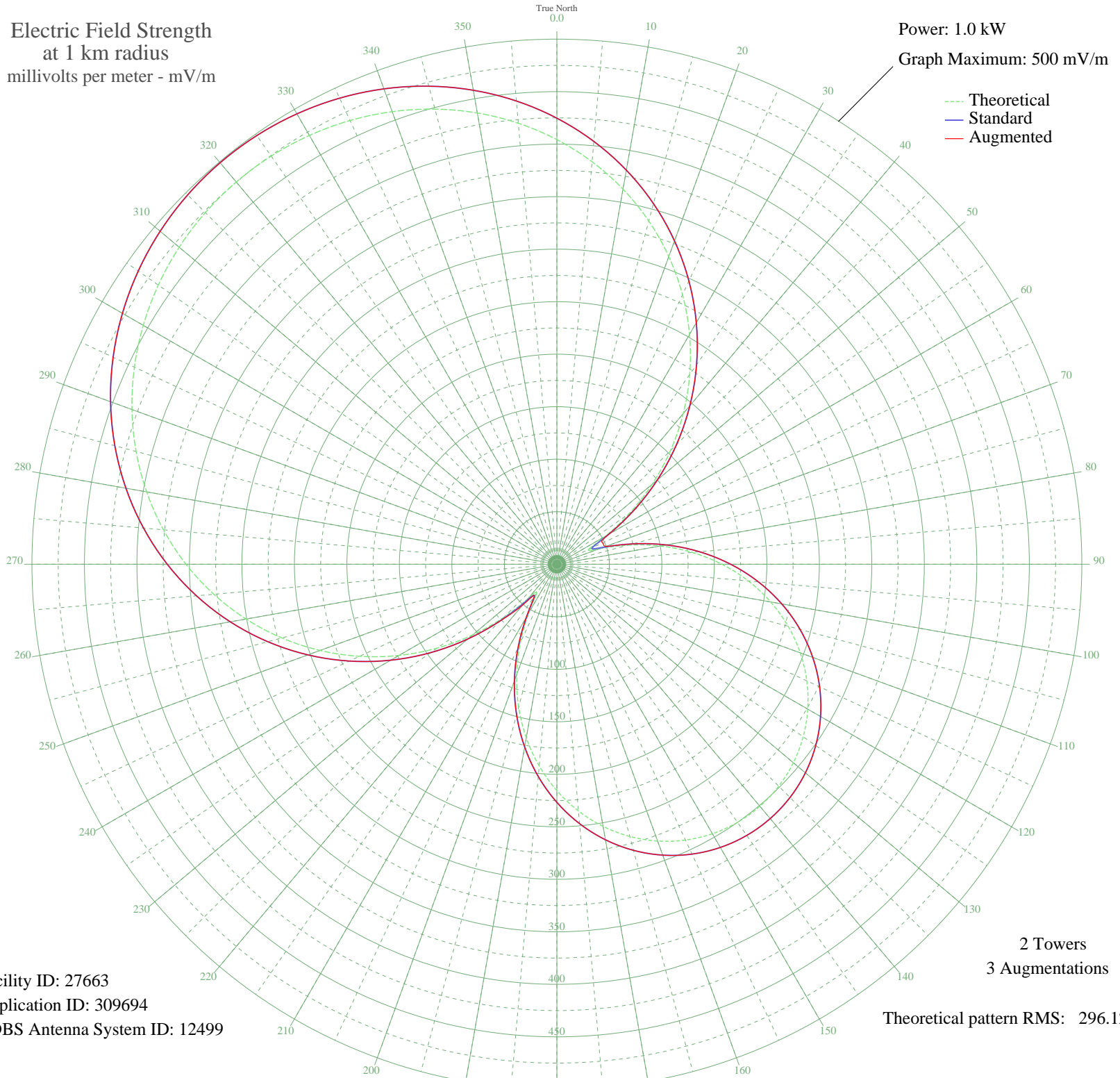


# WSRQ SARASOTA, FL BL-- 1220 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 27663  
Application ID: 309694  
CDBS Antenna System ID: 12499

2 Towers  
3 Augmentations

Theoretical pattern RMS: 296.12

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	404.34	424.74	424.74
5	384.71	404.15	404.15
10	362.69	381.04	381.04
15	338.34	355.49	355.49
20	311.78	327.62	327.62
25	283.16	297.58	297.58
30	252.68	265.61	265.61
35	220.60	231.98	231.98
40	187.25	197.03	197.03
45	153.04	161.19	161.19
50	118.48	125.05	125.05
55	84.46	89.59	89.59
60	53.09	57.17	57.17
65	33.14	37.05	48.04
70	43.26	47.16	49.75
75	70.26	74.85	74.85
80	100.03	105.80	105.80
85	129.35	136.41	136.41
90	157.21	165.56	165.56
95	183.13	192.70	192.70
100	206.81	217.52	217.52
105	228.05	239.79	239.79
110	246.71	259.36	259.36
115	262.70	276.12	276.12
120	275.94	290.02	290.02
125	286.40	300.99	300.99
130	294.04	309.01	309.01
135	298.86	314.06	314.06
140	300.85	316.15	316.15
145	300.00	315.25	315.25
150	296.31	311.39	311.39
155	289.80	304.55	304.55
160	280.46	294.76	294.76
165	268.33	282.03	282.03
170	253.43	266.41	266.41
175	235.83	247.95	247.95

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	215.60	226.74	226.74
185	192.88	202.92	202.92
190	167.83	176.68	176.68
195	140.71	148.29	148.29
200	111.89	118.17	118.17
205	82.11	87.15	87.42
210	53.26	57.34	58.03
215	33.43	37.33	37.38
220	42.69	46.59	50.82
225	71.37	76.01	76.29
230	104.74	110.71	110.71
235	139.22	146.73	146.73
240	173.65	182.77	182.77
245	207.39	218.13	218.13
250	240.02	252.34	252.34
255	271.17	285.01	285.01
260	300.57	315.85	315.85
265	327.98	344.61	344.61
270	353.23	371.11	371.11
275	376.19	395.20	395.20
280	396.78	416.81	416.81
285	414.95	435.88	435.88
290	430.68	452.39	452.39
295	443.99	466.36	466.36
300	454.89	477.81	477.81
305	463.42	486.76	486.76
310	469.62	493.26	493.26
315	473.50	497.34	497.34
320	475.10	499.01	499.01
325	474.41	498.30	498.30
330	471.45	495.18	495.18
335	466.18	489.65	489.65
340	458.59	481.69	481.69
345	448.64	471.24	471.24
350	436.29	458.29	458.29
355	421.53	442.79	442.79