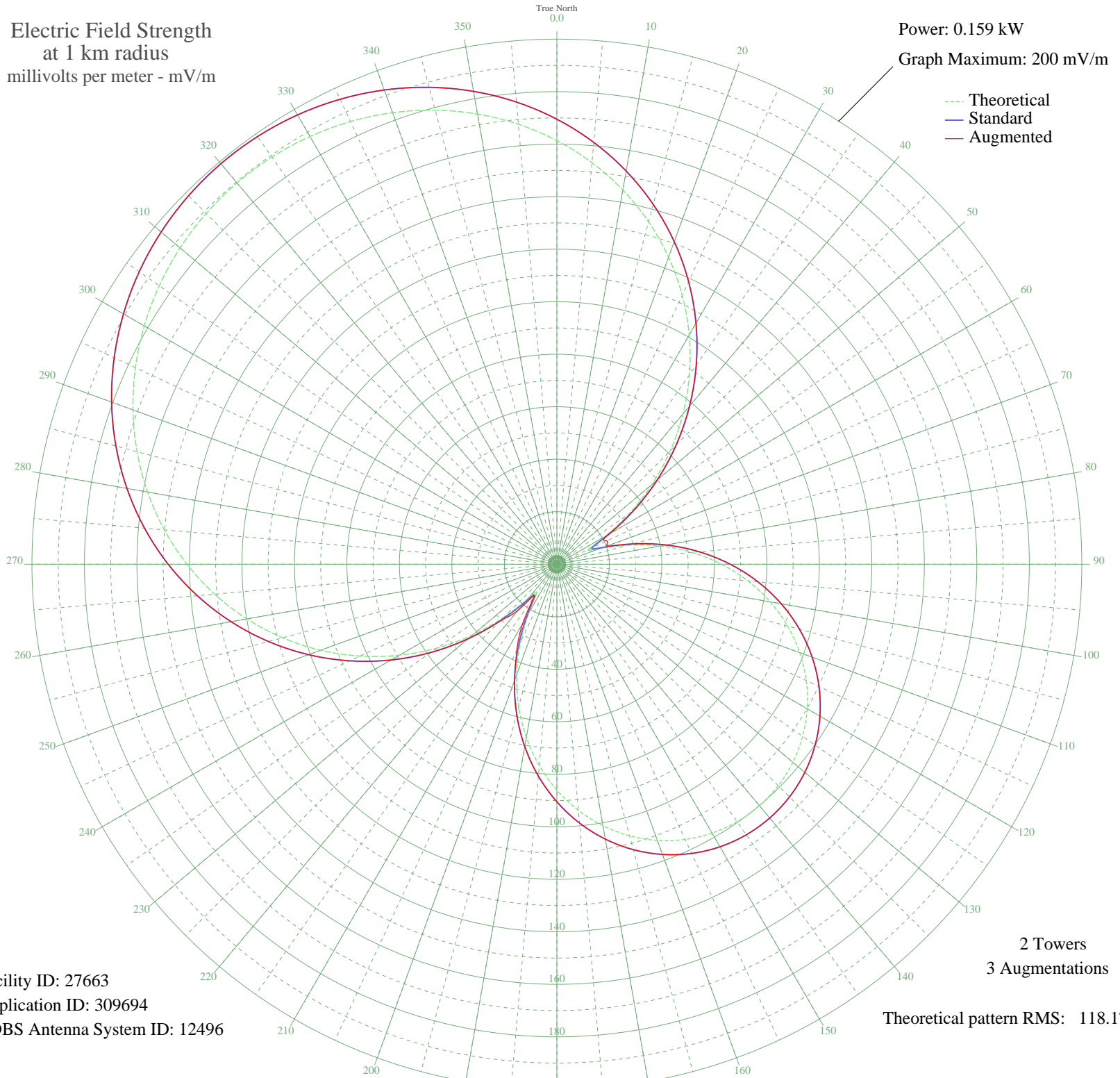


# WSRQ SARASOTA, FL BL-- 1220 kHz

Nighttime

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

Power: 0.159 kW  
Graph Maximum: 200 mV/m



Facility ID: 27663  
Application ID: 309694  
CDBS Antenna System ID: 12496

2 Towers  
3 Augmentations  
Theoretical pattern RMS: 118.17

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	161.35	169.50	169.50
5	153.52	161.28	161.28
10	144.74	152.06	152.06
15	135.02	141.86	141.86
20	124.42	130.74	130.74
25	113.00	118.75	118.75
30	100.83	106.00	106.00
35	88.03	92.57	92.57
40	74.73	78.63	78.63
45	61.07	64.32	64.32
50	47.28	49.90	49.90
55	33.70	35.75	35.75
60	21.19	22.81	22.81
65	13.23	14.78	20.99
70	17.26	18.82	20.34
75	28.04	29.87	29.87
80	39.92	42.22	42.22
85	51.62	54.44	54.44
90	62.74	66.07	66.07
95	73.08	76.90	76.90
100	82.53	86.80	86.80
105	91.01	95.69	95.69
110	98.45	103.50	103.50
115	104.83	110.19	110.19
120	110.12	115.73	115.73
125	114.29	120.11	120.11
130	117.34	123.31	123.31
135	119.26	125.33	125.33
140	120.06	126.16	126.16
145	119.72	125.81	125.81
150	118.25	124.26	124.26
155	115.65	121.53	121.53
160	111.92	117.63	117.63
165	107.08	112.55	112.55
170	101.13	106.31	106.31
175	94.11	98.95	98.95

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	86.04	90.48	90.48
185	76.97	80.98	80.98
190	66.97	70.51	70.51
195	56.15	59.17	59.17
200	44.65	47.16	47.16
205	32.77	34.78	36.08
210	21.25	22.88	25.98
215	13.34	14.90	15.14
220	17.04	18.59	22.57
225	28.48	30.33	30.62
230	41.80	44.18	44.18
235	55.56	58.55	58.55
240	69.30	72.94	72.94
245	82.76	87.05	87.05
250	95.78	100.70	100.70
255	108.21	113.74	113.74
260	119.94	126.04	126.04
265	130.88	137.52	137.52
270	140.96	148.09	148.09
275	150.12	157.71	157.71
280	158.34	166.33	166.33
285	165.59	173.94	173.94
290	171.87	180.53	180.53
295	177.18	186.11	186.11
300	181.53	190.67	190.67
305	184.93	194.25	194.25
310	187.41	196.84	196.84
315	188.96	198.47	198.47
320	189.59	199.14	199.14
325	189.32	198.85	198.85
330	188.14	197.61	197.61
335	186.03	195.40	195.40
340	183.00	192.22	192.22
345	179.03	188.05	188.05
350	174.11	182.88	182.88
355	168.22	176.70	176.70