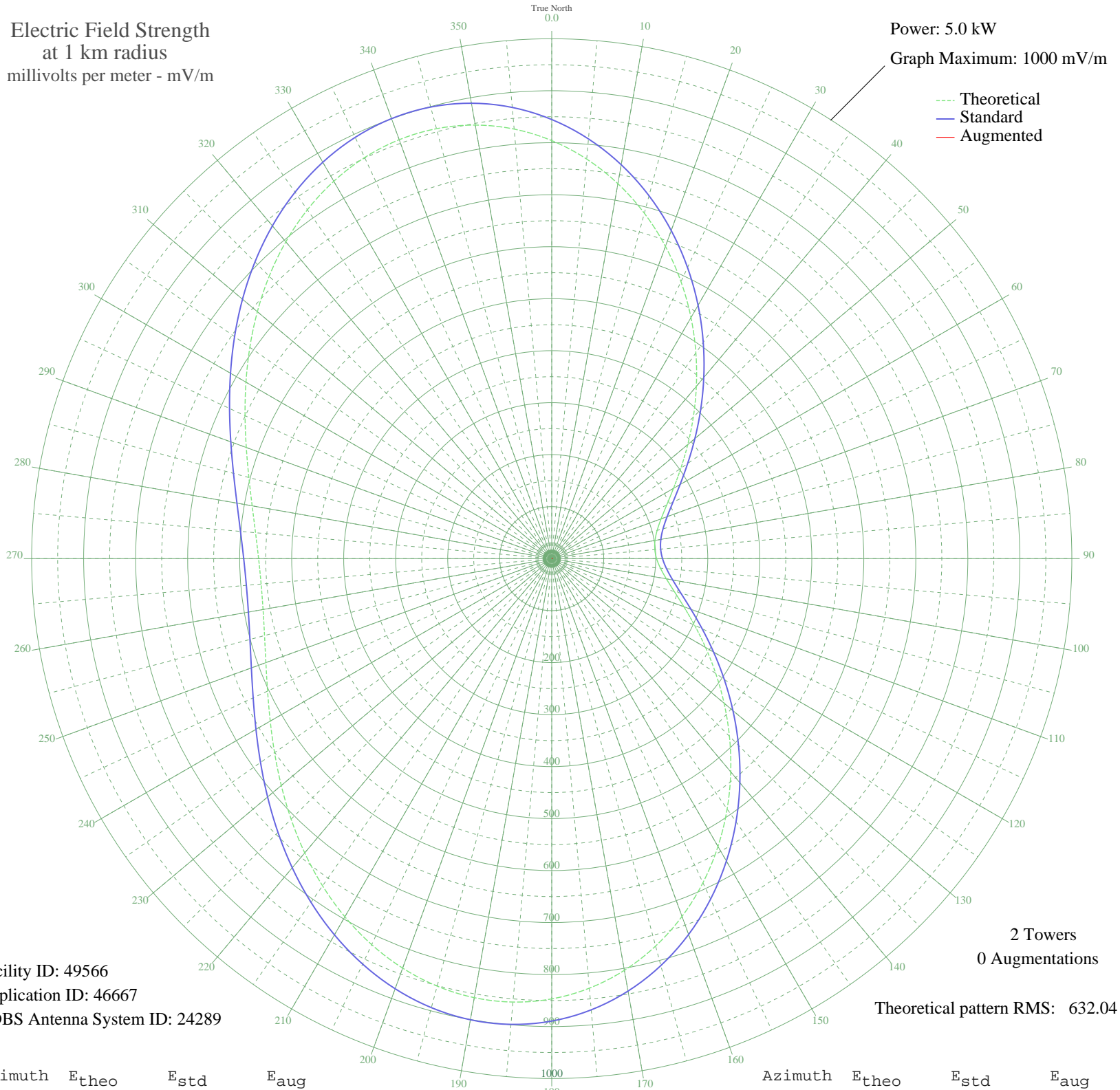


# KRSA PETERSBURG, AK BL-19820902AQ 580 kHz

Unlimited Time

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 49566  
Application ID: 46667  
CDBS Antenna System ID: 24289

Theoretical pattern RMS: 632.04

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	804.10	844.63	
5	771.47	810.38	
10	732.35	769.33	
15	687.85	722.62	
20	639.24	671.61	
25	587.94	617.78	
30	535.42	562.68	
35	483.16	507.86	
40	432.56	454.79	
45	384.93	404.86	
50	341.43	359.27	
55	302.99	319.01	
60	270.34	284.82	
65	243.89	257.16	
70	223.77	236.13	
75	209.79	221.53	
80	201.62	213.00	
85	198.95	210.21	
90	201.62	213.00	
95	209.79	221.53	
100	223.77	236.13	
105	243.89	257.16	
110	270.34	284.82	
115	302.99	319.01	
120	341.43	359.27	
125	384.93	404.86	
130	432.56	454.79	
135	483.16	507.86	
140	535.42	562.68	
145	587.94	617.78	
150	639.24	671.61	
155	687.85	722.62	
160	732.35	769.33	
165	771.47	810.38	
170	804.10	844.63	
175	829.40	871.18	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	846.82	889.47	
185	856.15	899.26	
190	857.48	900.66	
195	851.25	894.12	
200	838.16	880.38	
205	819.19	860.47	
210	795.46	835.57	
215	768.25	807.01	
220	738.88	776.18	
225	708.66	744.46	
230	678.85	713.18	
235	650.62	683.56	
240	625.00	656.67	
245	602.85	633.43	
250	584.90	614.60	
255	571.70	600.74	
260	563.62	592.27	
265	560.91	589.42	
270	563.62	592.27	
275	571.70	600.74	
280	584.90	614.60	
285	602.85	633.43	
290	625.00	656.67	
295	650.62	683.56	
300	678.85	713.18	
305	708.66	744.46	
310	738.88	776.18	
315	768.25	807.01	
320	795.46	835.57	
325	819.19	860.47	
330	838.16	880.38	
335	851.25	894.12	
340	857.48	900.66	
345	856.15	899.26	
350	846.82	889.47	
355	829.40	871.18	

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