

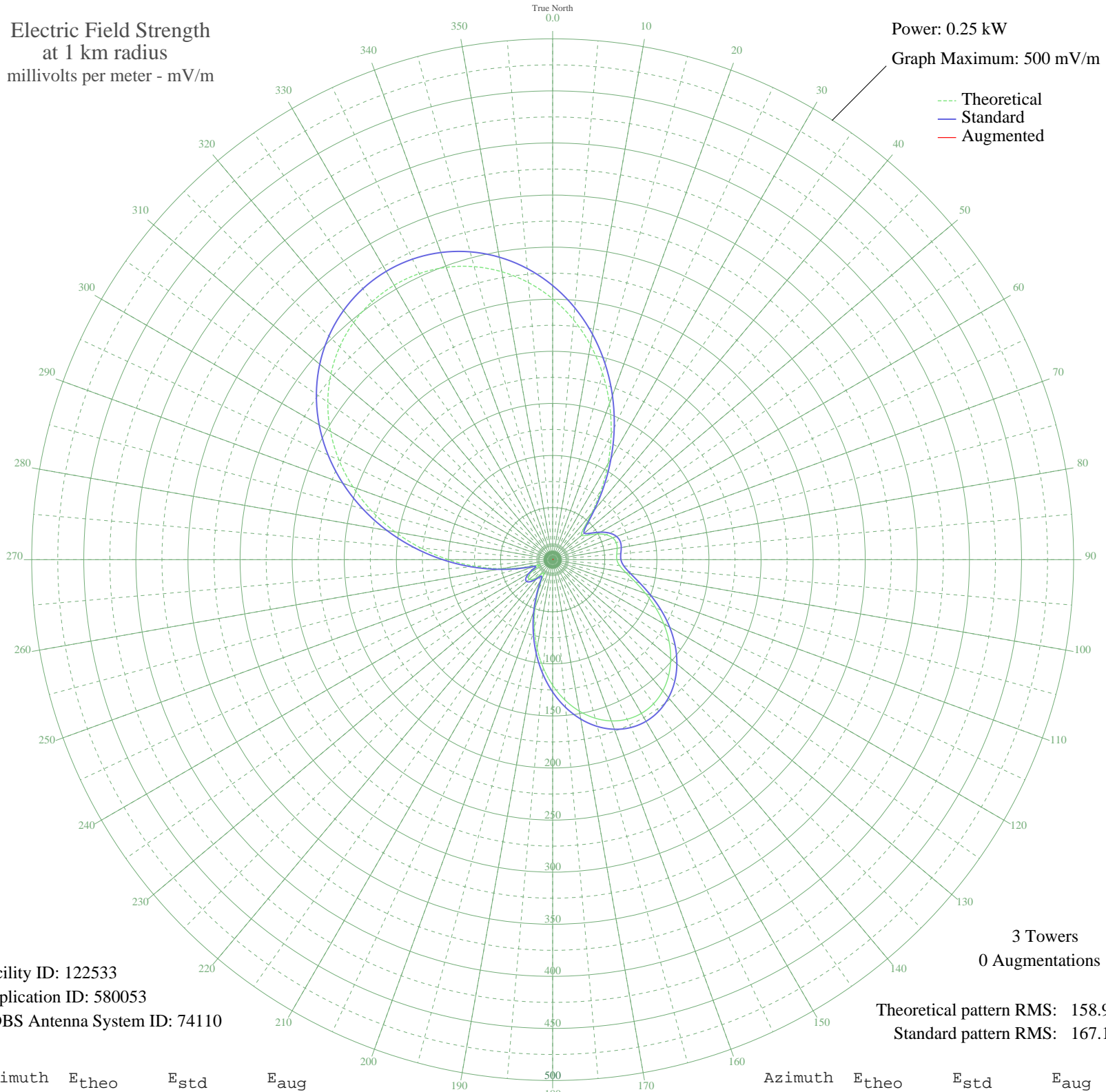
NEW WINCHESTER, NV BNP-20000201AGX 790 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 122533
Application ID: 580053
CDBS Antenna System ID: 74110

3 Towers
0 Augmentations

Theoretical pattern RMS: 158.90
Standard pattern RMS: 167.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	250.42	263.15	
5	231.03	242.81	
10	209.12	219.83	
15	185.07	194.60	
20	159.40	167.69	
25	132.80	139.84	
30	106.19	111.99	
35	80.76	85.44	
40	58.30	62.11	
45	41.99	45.32	
50	36.30	39.54	
55	40.93	44.24	
60	49.23	52.74	
65	56.57	60.32	
70	61.30	65.22	
75	63.19	67.18	
80	62.89	66.86	
85	61.73	65.66	
90	61.61	65.54	
95	64.48	68.51	
100	71.35	75.65	
105	81.89	86.62	
110	94.90	100.19	
115	109.02	114.95	
120	123.12	129.70	
125	136.30	143.50	
130	147.89	155.64	
135	157.39	165.59	
140	164.45	173.00	
145	168.84	177.59	
150	170.38	179.21	
155	169.01	177.78	
160	164.72	173.28	
165	157.56	165.77	
170	147.66	155.40	
175	135.23	142.38	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	120.57	127.03	
185	104.07	109.77	
190	86.25	91.17	
195	67.77	71.93	
200	49.46	52.98	
205	32.48	35.68	
210	19.16	22.69	
215	15.19	19.10	
220	20.58	24.03	
225	26.51	29.75	
230	29.41	32.62	
235	28.29	31.51	
240	23.13	26.46	
245	15.55	19.41	
250	14.79	18.75	
255	28.99	32.20	
260	49.88	53.41	
265	74.00	78.41	
270	99.98	105.51	
275	126.79	133.55	
280	153.55	161.57	
285	179.46	188.73	
290	203.88	214.33	
295	226.27	237.82	
300	246.22	258.75	
305	263.45	276.82	
310	277.76	291.84	
315	289.03	303.67	
320	297.21	312.25	
325	302.27	317.56	
330	304.20	319.58	
335	302.99	318.32	
340	298.66	313.77	
345	291.20	305.94	
350	280.63	294.85	
355	267.01	280.55	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission