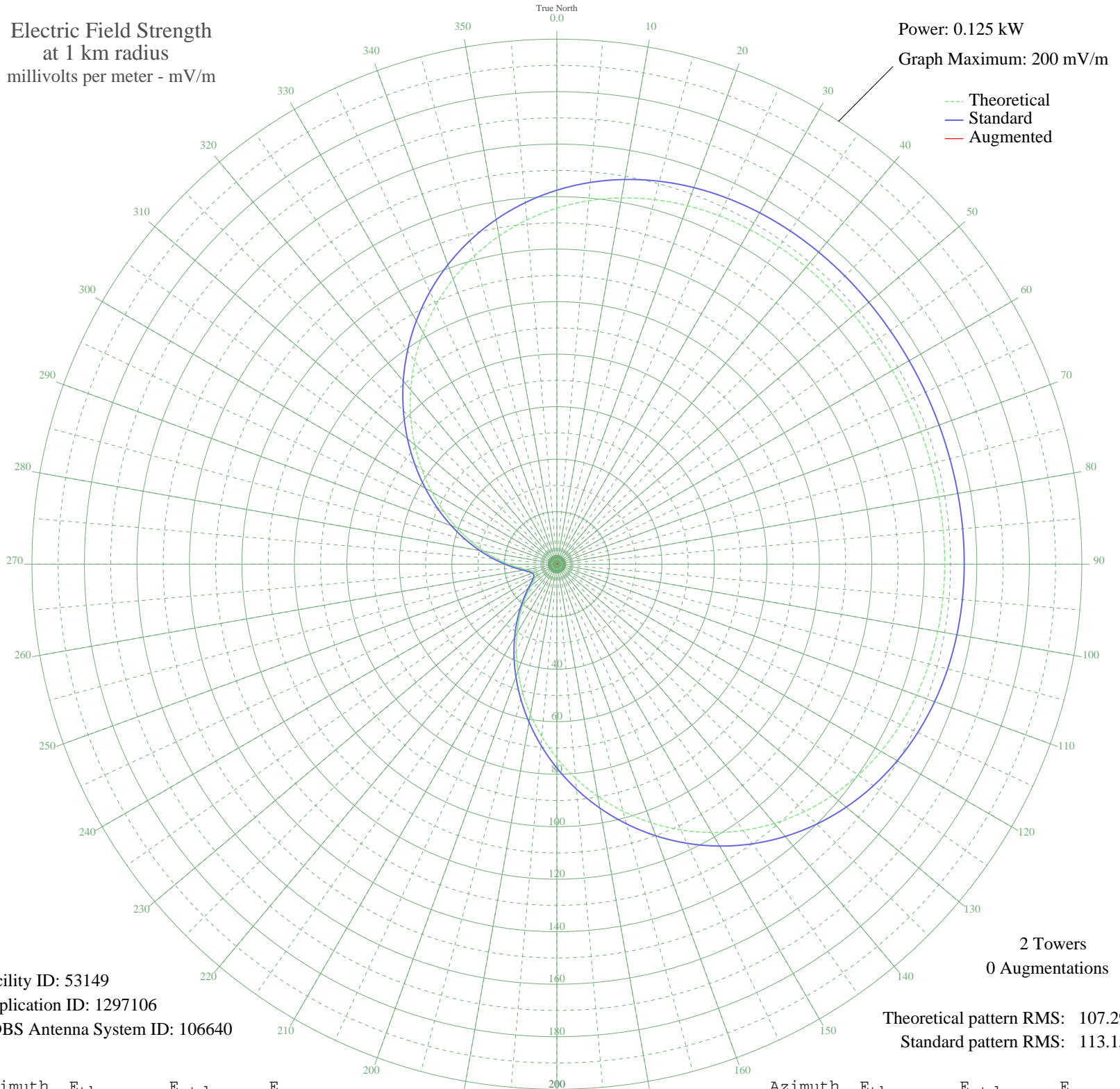


# KPTQ SPOKANE, WA BMML-20090206AGD 1280 kHz

Nighttime

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

Power: 0.125 kW  
Graph Maximum: 200 mV/m



Facility ID: 53149  
Application ID: 1297106  
CDBS Antenna System ID: 106640

2 Towers  
0 Augmentations

Theoretical pattern RMS: 107.29  
Standard pattern RMS: 113.15

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	135.62	142.45	
5	138.97	145.96	
10	141.66	148.79	
15	143.76	151.00	
20	145.33	152.64	
25	146.43	153.80	
30	147.15	154.55	
35	147.56	154.98	
40	147.74	155.17	
45	147.77	155.21	
50	147.72	155.15	
55	147.64	155.06	
60	147.57	154.99	
65	147.53	154.95	
70	147.55	154.97	
75	147.61	155.03	
80	147.69	155.12	
85	147.76	155.19	
90	147.77	155.20	
95	147.65	155.08	
100	147.34	154.75	
105	146.76	154.14	
110	145.82	153.16	
115	144.45	151.72	
120	142.57	149.75	
125	140.12	147.17	
130	137.04	143.94	
135	133.30	140.01	
140	128.88	135.37	
145	123.78	130.02	
150	118.02	123.98	
155	111.67	117.31	
160	104.79	110.09	
165	97.46	102.40	
170	89.78	94.35	
175	81.88	86.06	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	73.88	77.66	
185	65.90	69.29	
190	58.06	61.08	
195	50.50	53.15	
200	43.30	45.62	
205	36.60	38.60	
210	30.46	32.19	
215	24.97	26.48	
220	20.19	21.53	
225	16.19	17.40	
230	12.99	14.14	
235	10.63	11.77	
240	9.14	10.29	
245	8.52	9.69	
250	8.79	9.95	
255	9.93	11.07	
260	11.95	13.08	
265	14.81	15.99	
270	18.50	19.77	
275	22.97	24.40	
280	28.18	29.82	
285	34.07	35.96	
290	40.56	42.75	
295	47.57	50.08	
300	55.00	57.87	
305	62.74	65.98	
310	70.68	74.31	
315	78.69	82.71	
320	86.64	91.05	
325	94.42	99.21	
330	101.90	107.06	
335	108.98	114.49	
340	115.55	121.39	
345	121.55	127.68	
350	126.92	133.31	
355	131.61	138.24	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission