

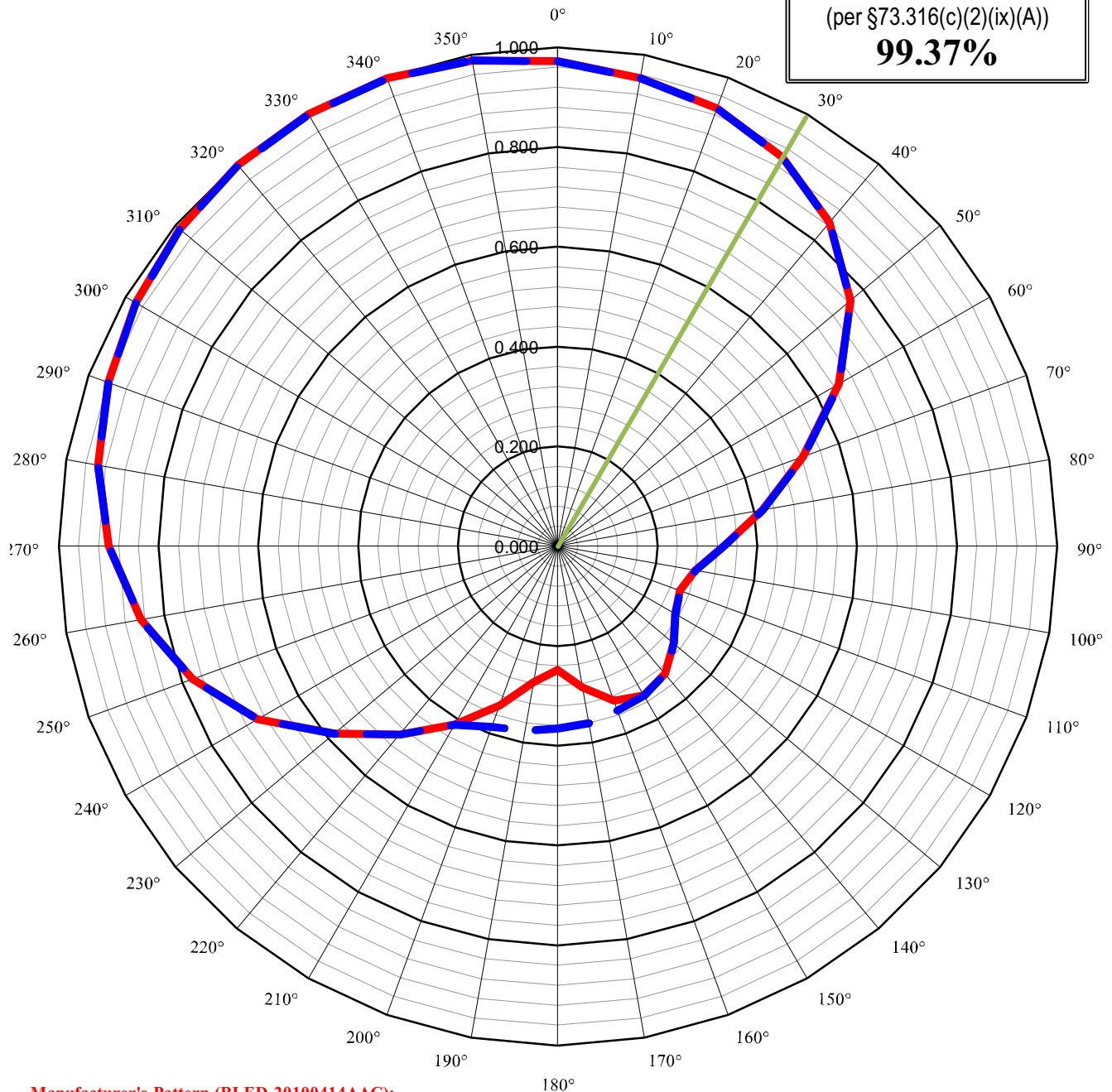
Poplar Bluff, MO - KPBR(FM)

85% RMS Threshold Showing per 47 C.F.R. Section 73.316(c)(2)(ix)(A)

LMS(CP)-0000161828 vs Directional Proof of Performance from BLED-20100414AAC

Measured Composite Pattern in Relative Field

Percentage of
Allocation Pattern:
(per §73.316(c)(2)(ix)(A))
99.37%



Call Sign: KPBR(FM).C

Channel: 219A

Max ERP: 2.750 kW (V)
2.750 kW (H)

Antenna Make: Electronics Research, Inc. (ERI)

Model: LP-2E-DA-HW

Licensee: Community Broadcasting, Inc.

Asher Broadcast Consulting
justinasher@consultant.com
1 (202) 875-2986

Poplar Bluff, MO - KPBR(FM)
85% RMS Threshold Showing per 47 C.F.R. Section 73.316(c)(2)(ix)(A)
LMS(CP)-0000161828 vs Directional Proof of Performance from BLED-20100414AAC

MEASURED PATTERN (BLED-20100414AAC)								SUBMITTED PATTERN (LMS(CP)-0000161828)							
Enter	Measured	Calculated			Measured	Relative	Percentage of Allocated Pattern: (per §73.316(c)(2)(ix)(A)) 99.37%	Enter	Submitted	Calculated			Submitted	Relative	
Max ERP	Relative	dB			Relative	Field		Max ERP	Relative	dB			Relative	Field	
(kW)	° True	Field	Change	Suppression	Power	Field ²		(kW)	° True	Field	Change	Suppression	Power	Field ²	RMS
2.750	0°	0.972	-0.15	-0.25	2.598	0.94		2.750	0°	0.972	-0.15	-0.25	2.598	0.94	0.709
	10°	0.953	-0.17	-0.42	2.498	0.91			10°	0.953	-0.17	-0.42	2.498	0.91	
	20°	0.934	-0.17	-0.59	2.399	0.87			20°	0.934	-0.17	-0.59	2.399	0.87	
	30°	0.900	-0.32	-0.92	2.228	0.81			30°	0.900	-0.32	-0.92	2.228	0.81	
	40°	0.847	-0.53	-1.44	1.973	0.72			40°	0.847	-0.53	-1.44	1.973	0.72	
	50°	0.765	-0.88	-2.33	1.609	0.59			50°	0.765	-0.88	-2.33	1.609	0.59	
	60°	0.651	-1.40	-3.73	1.165	0.42			60°	0.651	-1.40	-3.73	1.165	0.42	
	70°	0.523	-1.90	-5.63	0.752	0.27			70°	0.523	-1.90	-5.63	0.752	0.27	
	80°	0.417	-1.97	-7.60	0.478	0.17			80°	0.417	-1.97	-7.60	0.478	0.17	
	90°	0.333	-1.95	-9.55	0.305	0.11			90°	0.333	-1.95	-9.55	0.305	0.11	
	100°	0.280	-1.51	-11.06	0.216	0.08			100°	0.280	-1.51	-11.06	0.216	0.08	
	110°	0.261	-0.61	-11.67	0.187	0.07			110°	0.261	-0.61	-11.67	0.187	0.07	
	120°	0.272	0.36	-11.31	0.203	0.07			120°	0.272	0.36	-11.31	0.203	0.07	
	130°	0.303	0.94	-10.37	0.252	0.09			130°	0.303	0.94	-10.37	0.252	0.09	
	140°	0.334	0.85	-9.53	0.307	0.11			140°	0.334	0.85	-9.53	0.307	0.11	
	150°	0.345	0.28	-9.24	0.327	0.12			150°	0.345	0.28	-9.24	0.327	0.12	
	160°	0.330	-0.39	-9.63	0.299	0.11			160°	0.350	0.12	-9.12	0.337	0.12	
	170°	0.287	-1.21	-10.84	0.227	0.08			170°	0.360	0.24	-8.87	0.356	0.13	
	180°	0.248	-1.27	-12.11	0.169	0.06			180°	0.365	0.12	-8.75	0.366	0.13	
	190°	0.277	0.96	-11.15	0.211	0.08			190°	0.375	0.23	-8.52	0.387	0.14	
	200°	0.340	1.78	-9.37	0.318	0.12			200°	0.385	0.23	-8.29	0.408	0.15	
	210°	0.413	1.69	-7.68	0.469	0.17			210°	0.413	0.61	-7.68	0.469	0.17	
	220°	0.492	1.52	-6.16	0.666	0.24			220°	0.492	1.52	-6.16	0.666	0.24	
	230°	0.584	1.49	-4.67	0.938	0.34			230°	0.584	1.49	-4.67	0.938	0.34	
	240°	0.694	1.50	-3.17	1.324	0.48			240°	0.694	1.50	-3.17	1.324	0.48	
	250°	0.779	1.00	-2.17	1.669	0.61			250°	0.779	1.00	-2.17	1.669	0.61	
	260°	0.848	0.74	-1.43	1.978	0.72			260°	0.848	0.74	-1.43	1.978	0.72	
	270°	0.900	0.52	-0.92	2.228	0.81			270°	0.900	0.52	-0.92	2.228	0.81	
	280°	0.936	0.34	-0.57	2.409	0.88			280°	0.936	0.34	-0.57	2.409	0.88	
	290°	0.959	0.21	-0.36	2.529	0.92			290°	0.959	0.21	-0.36	2.529	0.92	
	300°	0.976	0.15	-0.21	2.620	0.95			300°	0.976	0.15	-0.21	2.620	0.95	
	310°	0.989	0.11	-0.10	2.690	0.98			310°	0.989	0.11	-0.10	2.690	0.98	
	320°	0.997	0.07	-0.03	2.734	0.99			320°	0.997	0.07	-0.03	2.734	0.99	
	330°	1.000	0.03	0.00	2.750	1.00			330°	1.000	0.03	0.00	2.750	1.00	
	340°	0.998	-0.02	-0.02	2.739	1.00			340°	0.998	-0.02	-0.02	2.739	1.00	
	350°	0.989	-0.08	-0.10	2.690	0.98			350°	0.989	-0.08	-0.10	2.690	0.98	