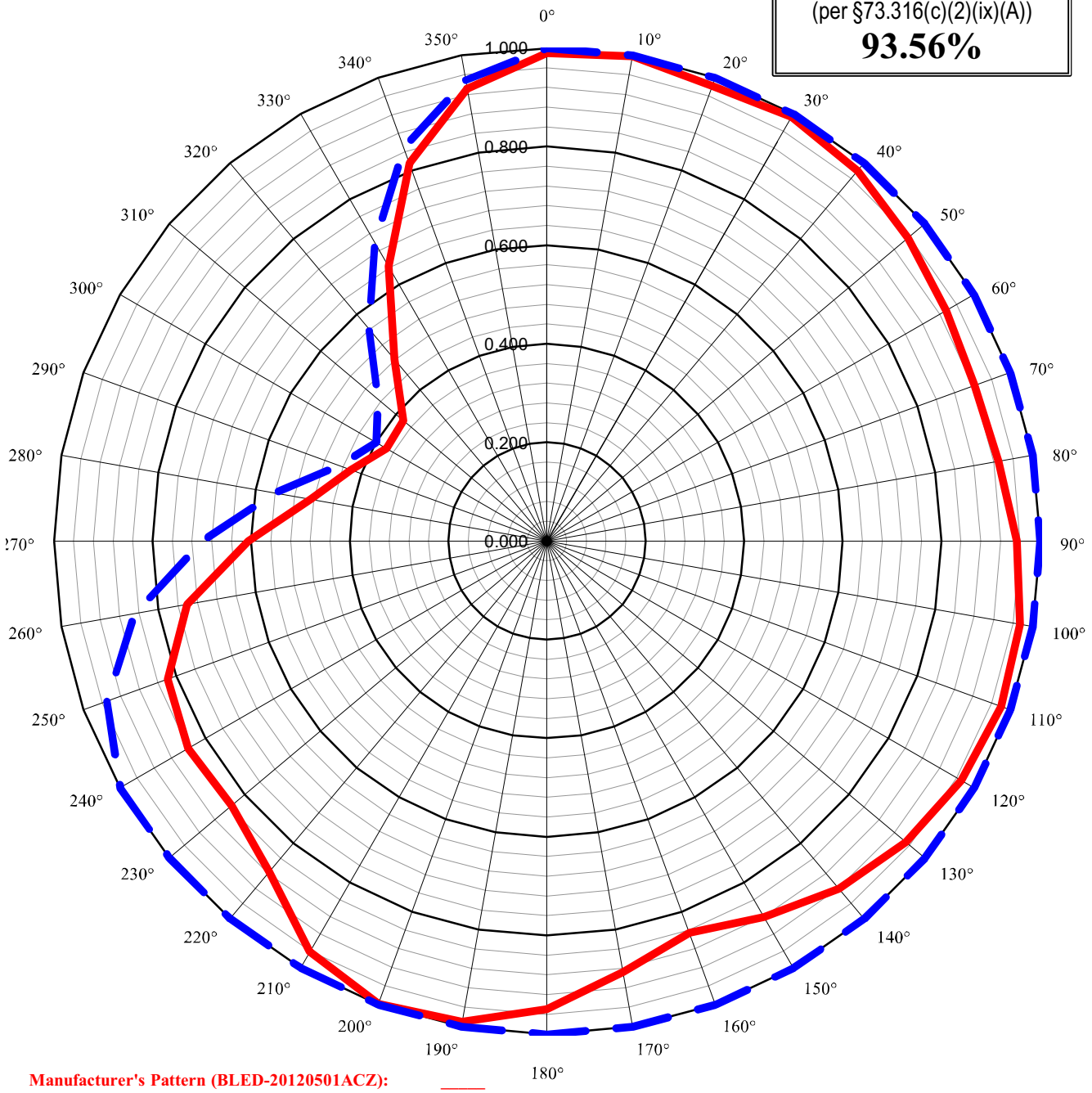
Adrian, MO - KYLF(FM)
85% RMS Threshold Showing per 47 C.F.R. Section 73.316(c)(2)(ix)(A)
LMS(CP)-0000162532 vs Directional Proof of Performance from BLED-20120501ACZ

Percentage of Allocation Pattern:
(per §73.316(c)(2)(ix)(A))
93.56%

Measured Composite Pattern in Relative Field



Manufacturer's Pattern (BLED-20120501ACZ): _____
FCC Submitted Pattern (LMS(CP)-0000162532): --------

Call Sign: KYLF(FM).C

Channel: 205C2

Max ERP: 37.5 kW (V)
37.5 kW (H)

Antenna Make: Electronics Research, Inc. (ERI)

Model: MP-4C-DA

Licensee: Community Broadcasting, Inc.

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

Adrian, MO - KYLF(FM)
85% RMS Threshold Showing per 47 C.F.R. Section 73.316(c)(2)(ix)(A)
LMS(CP)-0000162532 vs Directional Proof of Performance from BLED-20120501ACZ

MEASURED PATTERN (BLED-20120501ACZ)								SUBMITTED PATTERN (LMS(CP)-0000162532)							
Enter		Measured	Calculated			Measured	Relative	Enter		Submitted	Calculated			Submitted	Relative
Max ERP		Relative	dB		Equiv	Relative	Field	Max ERP		Relative	dB		Equiv	Relative	Field
(kW)	° True	Field	Change	Suppression	Power	Field ²	RMS	(kW)	° True	Field	Change	Suppression	Power	Field ²	RMS
37.500	0°	0.990	0.53	-0.09	36.754	0.98	**0.860**	37.500	0°	1.000	0.45	0.00	37.500	1.00	**0.919**
	10°	0.998	0.07	-0.02	37.350	1.00			10°	1.000	0.00	0.00	37.500	1.00	
	20°	0.982	-0.14	-0.16	36.162	0.96			20°	1.000	0.00	0.00	37.500	1.00	
	30°	0.993	0.10	-0.06	36.977	0.99			30°	1.000	0.00	0.00	37.500	1.00	
	40°	0.980	-0.11	-0.18	36.015	0.96			40°	1.000	0.00	0.00	37.500	1.00	
	50°	0.956	-0.22	-0.39	34.273	0.91			50°	1.000	0.00	0.00	37.500	1.00	
	60°	0.935	-0.19	-0.58	32.783	0.87			60°	1.000	0.00	0.00	37.500	1.00	
	70°	0.923	-0.11	-0.70	31.947	0.85			70°	1.000	0.00	0.00	37.500	1.00	
	80°	0.930	0.07	-0.63	32.434	0.86			80°	1.000	0.00	0.00	37.500	1.00	
	90°	0.953	0.21	-0.42	34.058	0.91			90°	1.000	0.00	0.00	37.500	1.00	
	100°	0.974	0.19	-0.23	35.575	0.95			100°	1.000	0.00	0.00	37.500	1.00	
	110°	0.981	0.06	-0.17	36.089	0.96			110°	1.000	0.00	0.00	37.500	1.00	
	120°	0.971	-0.09	-0.26	35.357	0.94			120°	1.000	0.00	0.00	37.500	1.00	
	130°	0.951	-0.18	-0.44	33.915	0.90			130°	1.000	0.00	0.00	37.500	1.00	
	140°	0.921	-0.28	-0.71	31.809	0.85			140°	1.000	0.00	0.00	37.500	1.00	
	150°	0.881	-0.39	-1.10	29.106	0.78			150°	1.000	0.00	0.00	37.500	1.00	
	160°	0.845	-0.36	-1.46	26.776	0.71			160°	1.000	0.00	0.00	37.500	1.00	
	170°	0.888	0.43	-1.03	29.570	0.79			170°	1.000	0.00	0.00	37.500	1.00	
	180°	0.950	0.59	-0.45	33.844	0.90			180°	1.000	0.00	0.00	37.500	1.00	
	190°	0.990	0.36	-0.09	36.754	0.98			190°	1.000	0.00	0.00	37.500	1.00	
	200°	0.999	0.08	-0.01	37.425	1.00			200°	1.000	0.00	0.00	37.500	1.00	
	210°	0.962	-0.33	-0.34	34.704	0.93			210°	1.000	0.00	0.00	37.500	1.00	
	220°	0.877	-0.80	-1.14	28.842	0.77			220°	1.000	0.00	0.00	37.500	1.00	
	230°	0.835	-0.43	-1.57	26.146	0.70			230°	1.000	0.00	0.00	37.500	1.00	
	240°	0.841	0.06	-1.50	26.523	0.71			240°	1.000	0.00	0.00	37.500	1.00	
	250°	0.819	-0.23	-1.73	25.154	0.67			250°	0.950	-0.45	-0.45	33.844	0.90	
	260°	0.741	-0.87	-2.60	20.591	0.55			260°	0.850	-0.97	-1.41	27.094	0.72	
	270°	0.606	-1.75	-4.35	13.771	0.37			270°	0.700	-1.69	-3.10	18.375	0.49	
	280°	0.487	-1.90	-6.25	8.894	0.24			280°	0.562	-1.91	-5.01	11.844	0.32	
	290°	0.423	-1.22	-7.47	6.710	0.18			290°	0.448	-1.97	-6.97	7.526	0.20	
	300°	0.376	-1.02	-8.50	5.302	0.14			300°	0.400	-0.98	-7.96	6.000	0.16	
	310°	0.380	0.09	-8.40	5.415	0.14			310°	0.448	0.98	-6.97	7.526	0.20	
	320°	0.482	2.07	-6.34	8.712	0.23			320°	0.562	1.97	-5.01	11.844	0.32	
	330°	0.643	2.50	-3.84	15.504	0.41			330°	0.700	1.91	-3.10	18.375	0.49	
	340°	0.816	2.07	-1.77	24.970	0.67			340°	0.850	1.69	-1.41	27.094	0.72	
	350°	0.931	1.15	-0.62	32.504	0.87			350°	0.950	0.97	-0.45	33.844	0.90	

Percentage of Allocated Pattern:
(per §73.316(c)(2)(ix)(A))
93.56%

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