

FIGURE 2

KNFL Modified Standard Pattern.TX1

Callsign : KNFL
 Coordinates : 41-34-42.0 N, 112-06-03.0 W
 Comments :
 Frequency (KHz): 1470
 Power (w): 880.000
 Pattern : AN
 Augmented :
 Efficiency : 278.495 mV/M
 Desc : NDN
 City/State : TREMONTON, UT
 ARN :
 Licensee :

Tower	Field	Phase	Spang	Ornt	Hght	TopLd
1	1.000	0.0	0.0	0.0	102.2	0.0
2	0.950	28.7	210.0	258.0	102.2	0.0

Brng	Span	mV/M
71.5	6.0	18.00
78.0	6.0	27.40
302.0	10.0	21.00

Field	Brng	mV/m	Brng	mV/m	Brng	mV/m	Brng	mV/m	Brng	mV/m
0	507.683	75	17.406	150	486.735	225	111.261	300	28.935	
5	491.354	80	20.459	155	505.356	230	151.070	305	40.460	
10	464.178	85	16.851	160	512.031	235	184.192	310	99.133	
15	427.970	90	22.321	165	505.940	240	210.543	315	162.939	
20	384.884	95	38.959	170	486.963	245	230.230	320	227.811	
25	337.237	100	64.556	175	455.697	250	243.422	325	291.256	
30	287.340	105	97.307	180	413.413	255	250.280	330	350.748	
35	237.359	110	136.124	185	361.950	260	250.901	335	403.788	
40	189.213	115	179.953	190	303.552	265	245.296	340	448.070	
45	144.526	120	227.526	195	240.695	270	233.382	345	481.661	
50	104.617	125	277.285	200	175.908	275	215.009	350	503.167	
55	70.573	130	327.366	205	111.683	280	190.002	355	511.848	
60	43.439	135	375.645	210	50.937	285	158.236			
65	24.795	140	419.830	215	19.662	290	119.742			
70	17.728	145	457.594	220	65.374	295	74.960			
0.0 ohm K		: 253.293		1.0 ohm K		: 250.026				
RMSs		: 292.608		RMSt		: 278.495				
RSS		: 344.864		RMSaug		: 292.623 (modified std)				

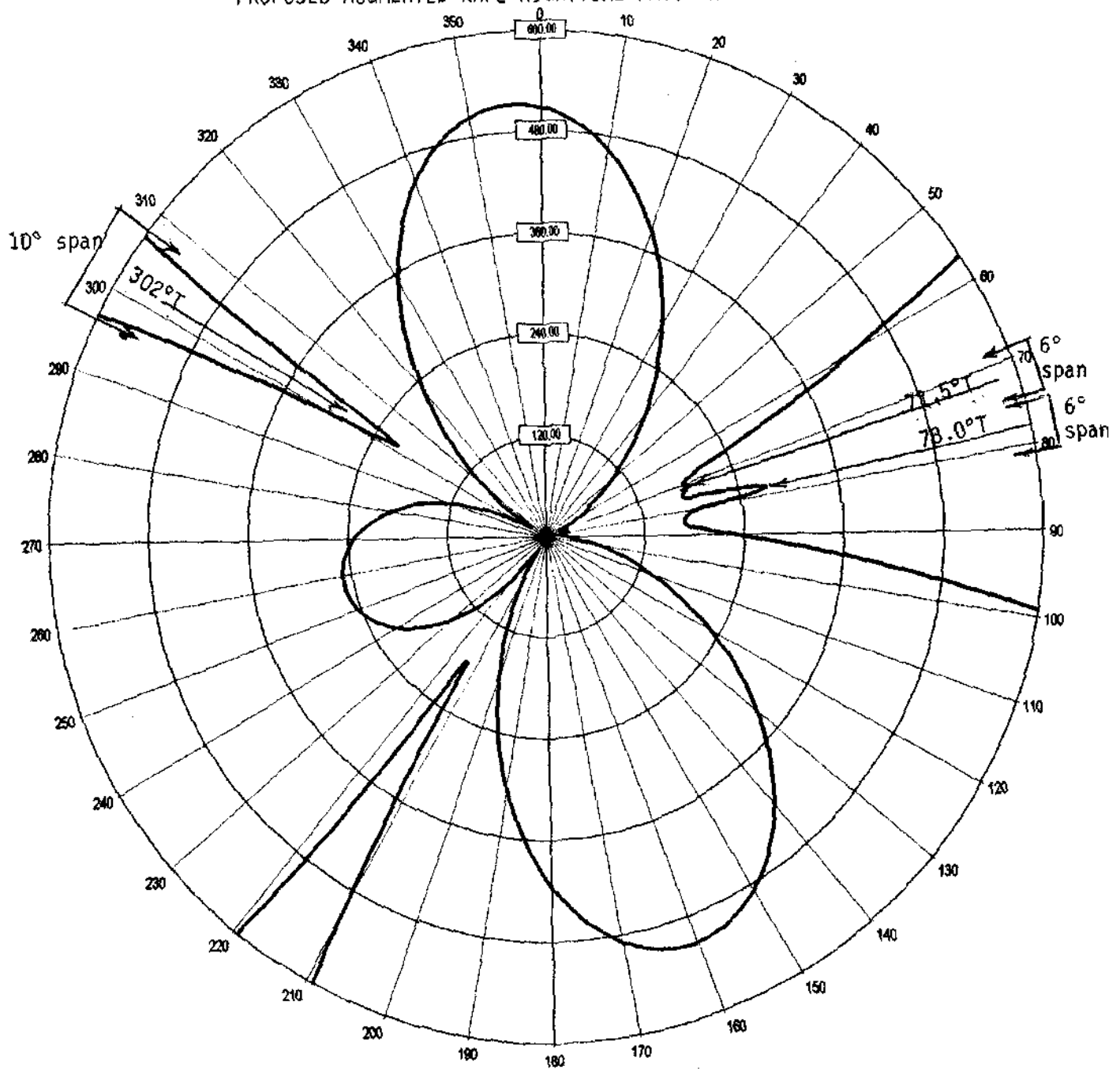
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FIGURE 3

KNFL

Horizontal Pattern @ 0.00

PROPOSED AUGMENTED KNFL NIGHTTIME PATTERN



Callsign :KNFL
 Frequency :1470 kHz
 Power :0.860 kw
 BRSS :344.9 mV/m/km
 Theoret. Pattern RMS :270.5 mV/m/km
 Standard Pattern RMS :292.6 mV/m/km
 Modified Pattern RMS :278.6 mV/m/km
 Latitude :41-34-42.0 N
 Longitude :112-06-03.0 W
 Number Augmentations :3

TA	Field	Phase	Spacing	Orientation	Height	Top Load	Tower Ref
1	1.000	0.0	0.0	0.0	102.2	0.0	0
2	0.950	28.3	210.0	258.0	102.2	0.0	0