

KJCC.C

BMPED20160609AAP

Latitude: 35-21-17 N

Longitude: 098-13-58 W

ERP: 23.50 kW

Channel: 208

Frequency: 89.5 MHz

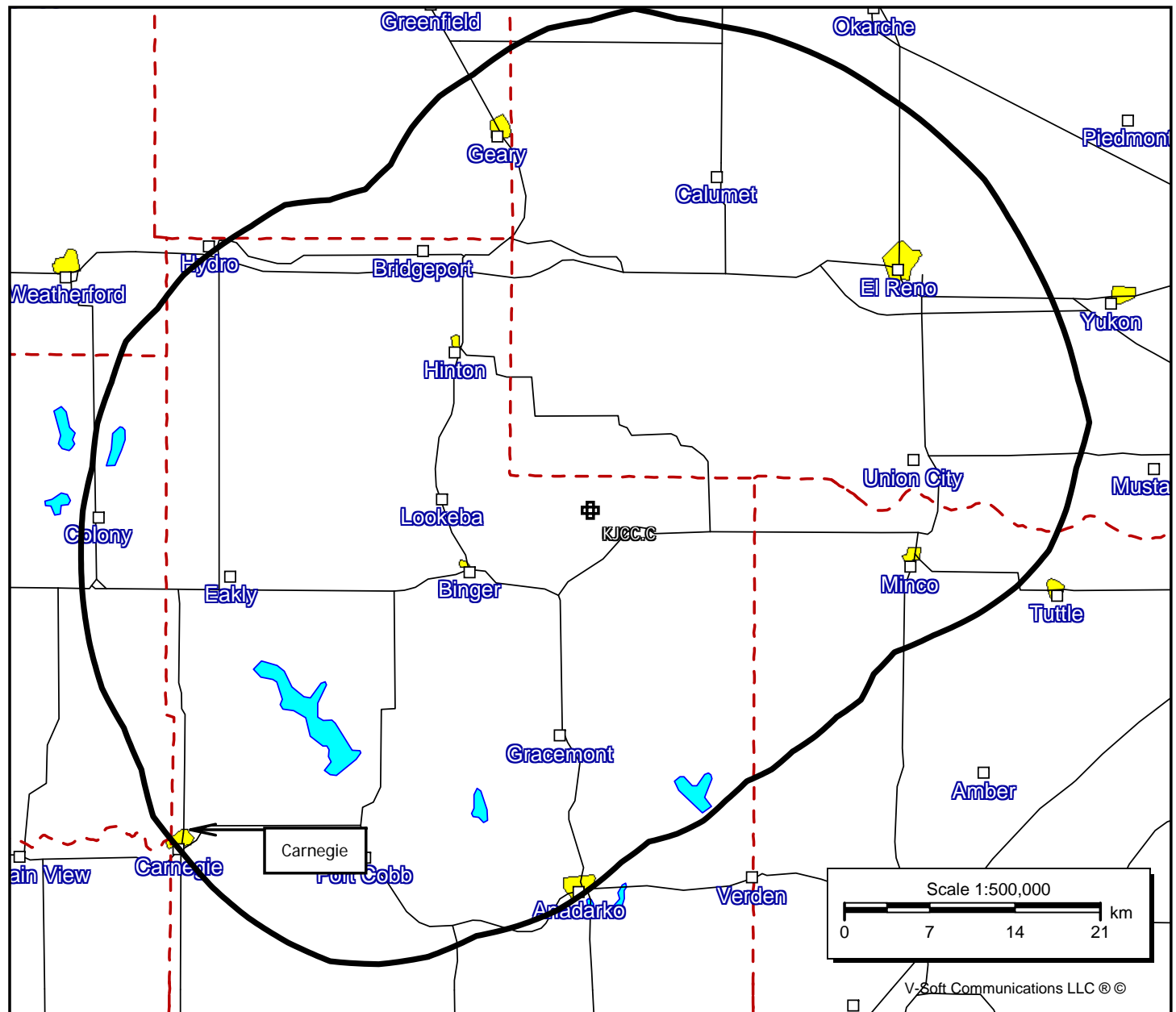
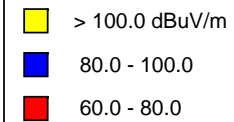
AMSL Height: 562.0 m

Elevation: 498.0 m

Horiz. Pattern: Directional

Vert. Pattern: No

Prop Model: None



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Channel: 208

Frequency: 89.5 MHz

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
Horiz. Pattern: Directional

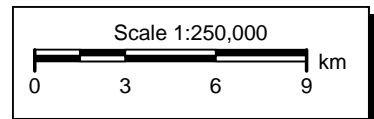
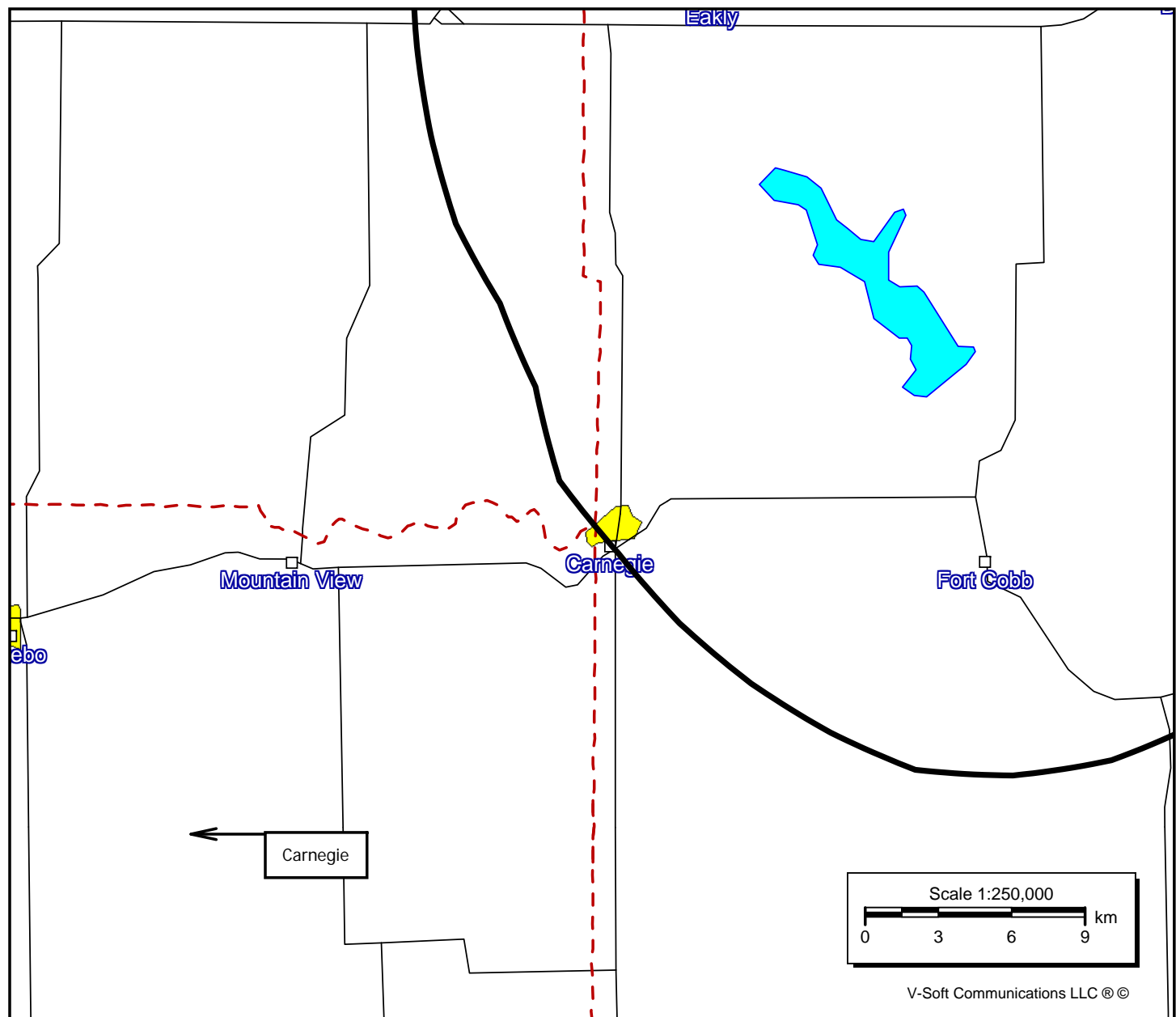
Vert. Pattern: No

Prop Model: None

 > 100.0 dBuV/m

 80.0 - 100.0

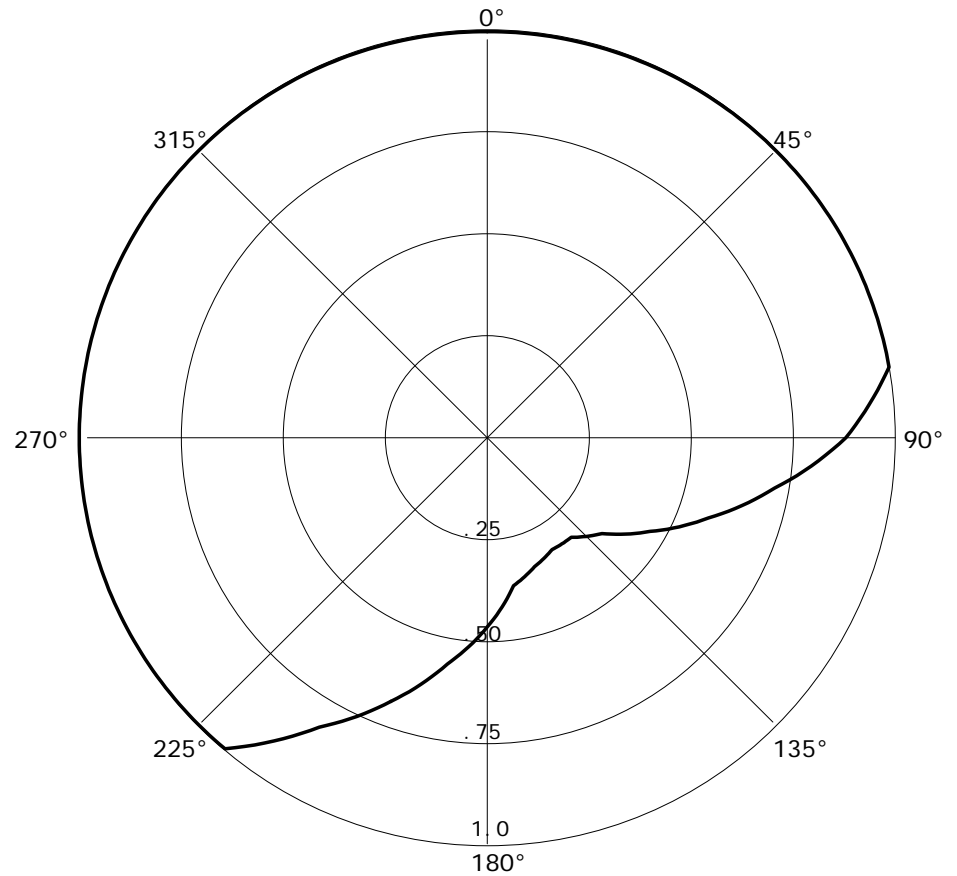
 60.0 - 80.0

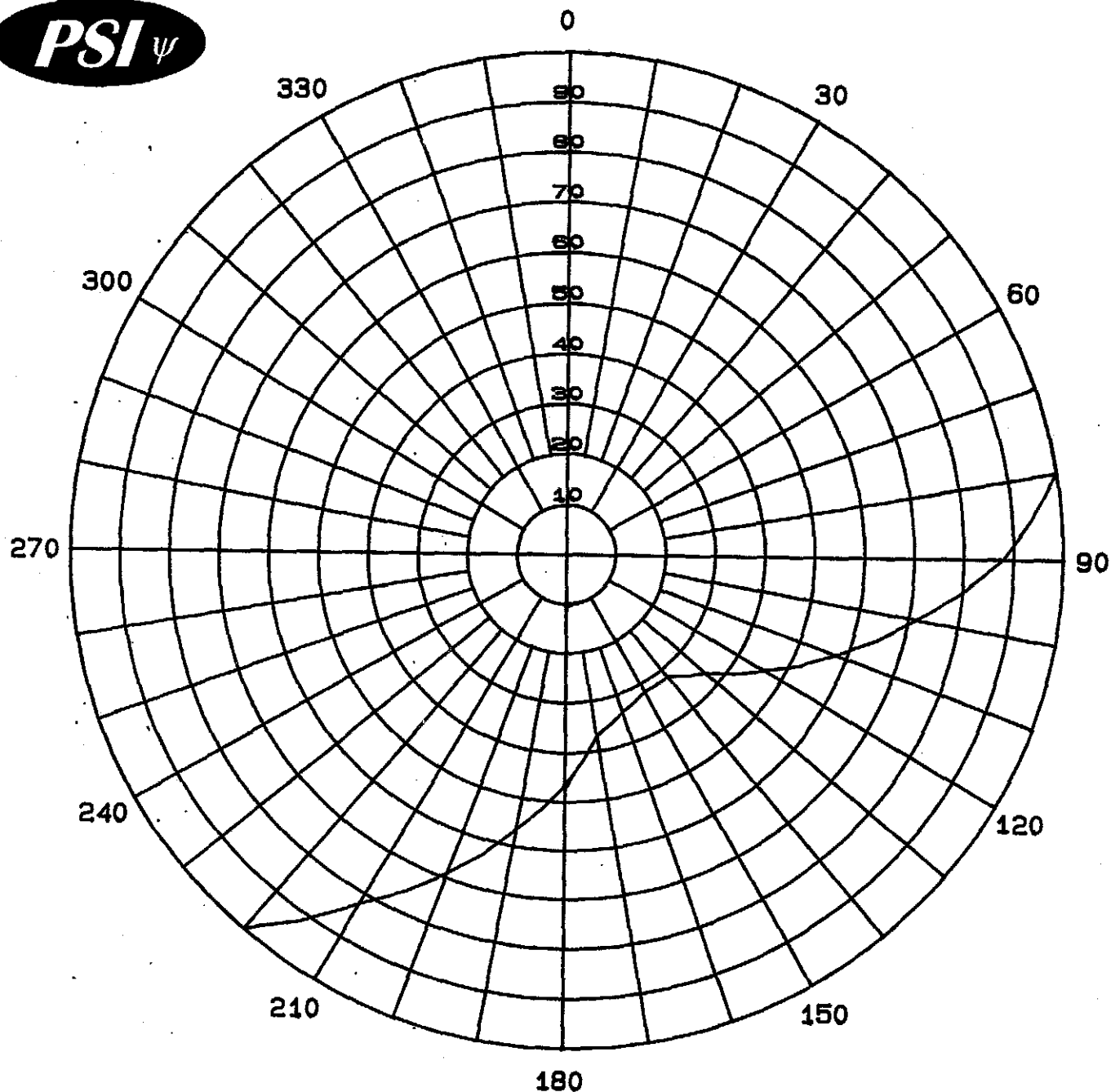


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Graph is Relative Field

Azi	Field	dBk	kW
000	1.000	13.711	23.500
010	1.000	13.711	23.500
020	1.000	13.711	23.500
030	1.000	13.711	23.500
040	1.000	13.711	23.500
050	1.000	13.711	23.500
060	1.000	13.711	23.500
070	1.000	13.711	23.500
080	1.000	13.711	23.500
090	0.879	12.590	18.157
100	0.715	10.797	12.014
110	0.577	08.934	7.824
120	0.461	06.985	4.994
130	0.367	05.004	3.165
140	0.320	03.814	2.406
150	0.318	03.759	2.376
160	0.338	04.289	2.685
170	0.370	05.075	3.217
180	0.466	07.078	5.103
190	0.566	08.767	7.528
200	0.691	10.500	11.221
210	0.823	12.019	15.917
220	1.000	13.711	23.500
230	1.000	13.711	23.500
240	1.000	13.711	23.500
250	1.000	13.711	23.500
260	1.000	13.711	23.500
270	1.000	13.711	23.500
280	1.000	13.711	23.500
290	1.000	13.711	23.500
300	1.000	13.711	23.500
310	1.000	13.711	23.500
320	1.000	13.711	23.500
330	1.000	13.711	23.500
340	1.000	13.711	23.500
350	1.000	13.711	23.500





Maximum Envelope
Azimuth Plane Pattern
Antenna: PSIFMR-4C-R-DA
Type: 4-Bay Directional FM Antenna
ERP: 23.5 kW (13.71 dBk)
RMS Envelope: .867
Frequency: 89.5 MHz
KJCC Carnegie, OK

Propagation Systems Inc.
PO Box 113
Ebensburg, PA 15931

Maximum Envelope Tabulation

Antenna: PSIFMR-4C-R-DA

Calvary Chapel of Twin Falls, Inc.

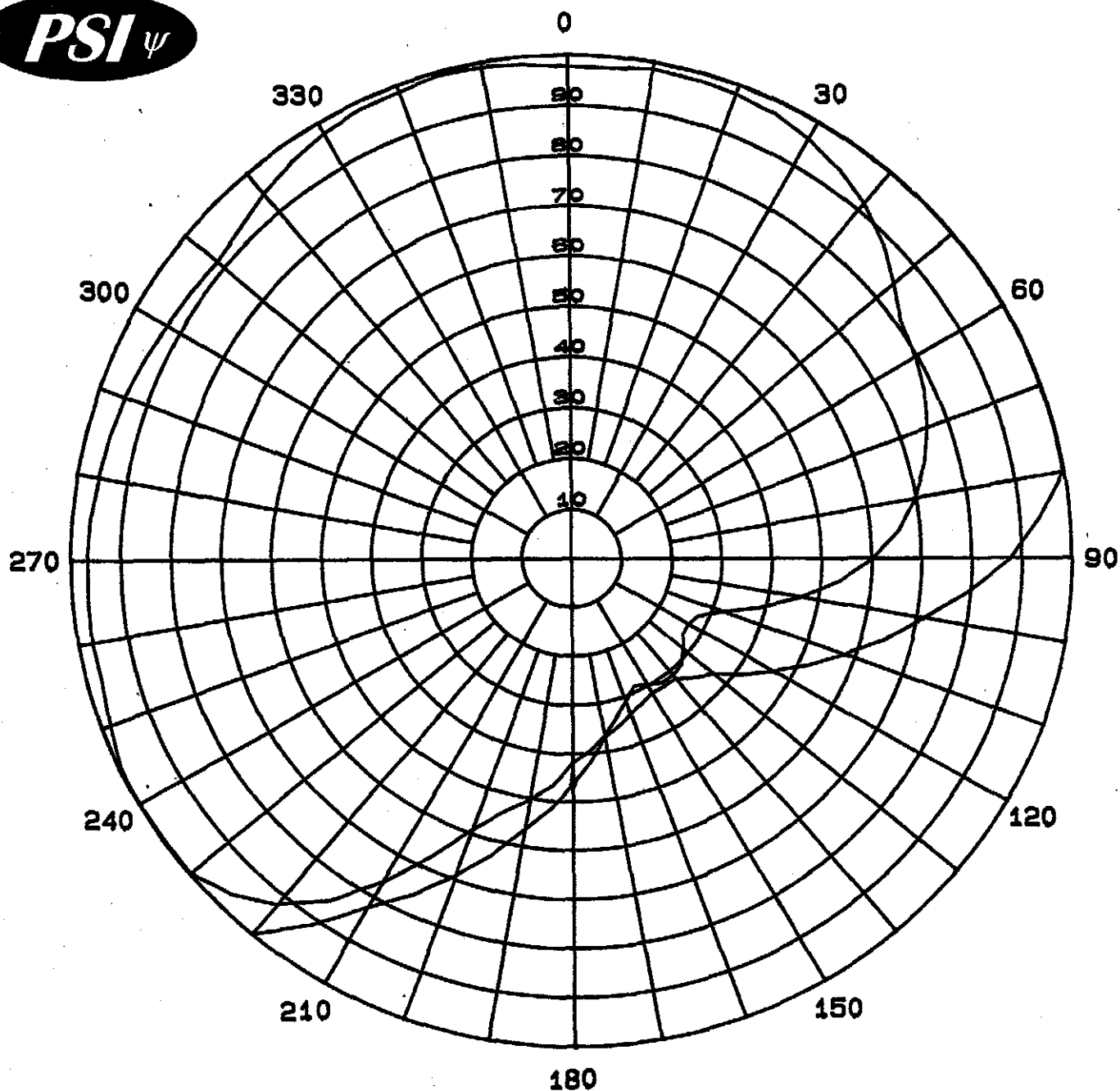
Station: KJCC

Frequency: 89.5 MHz

Location: Carnegie, OK

Maximum ERP: 23.5 kW (13.71 dBk)

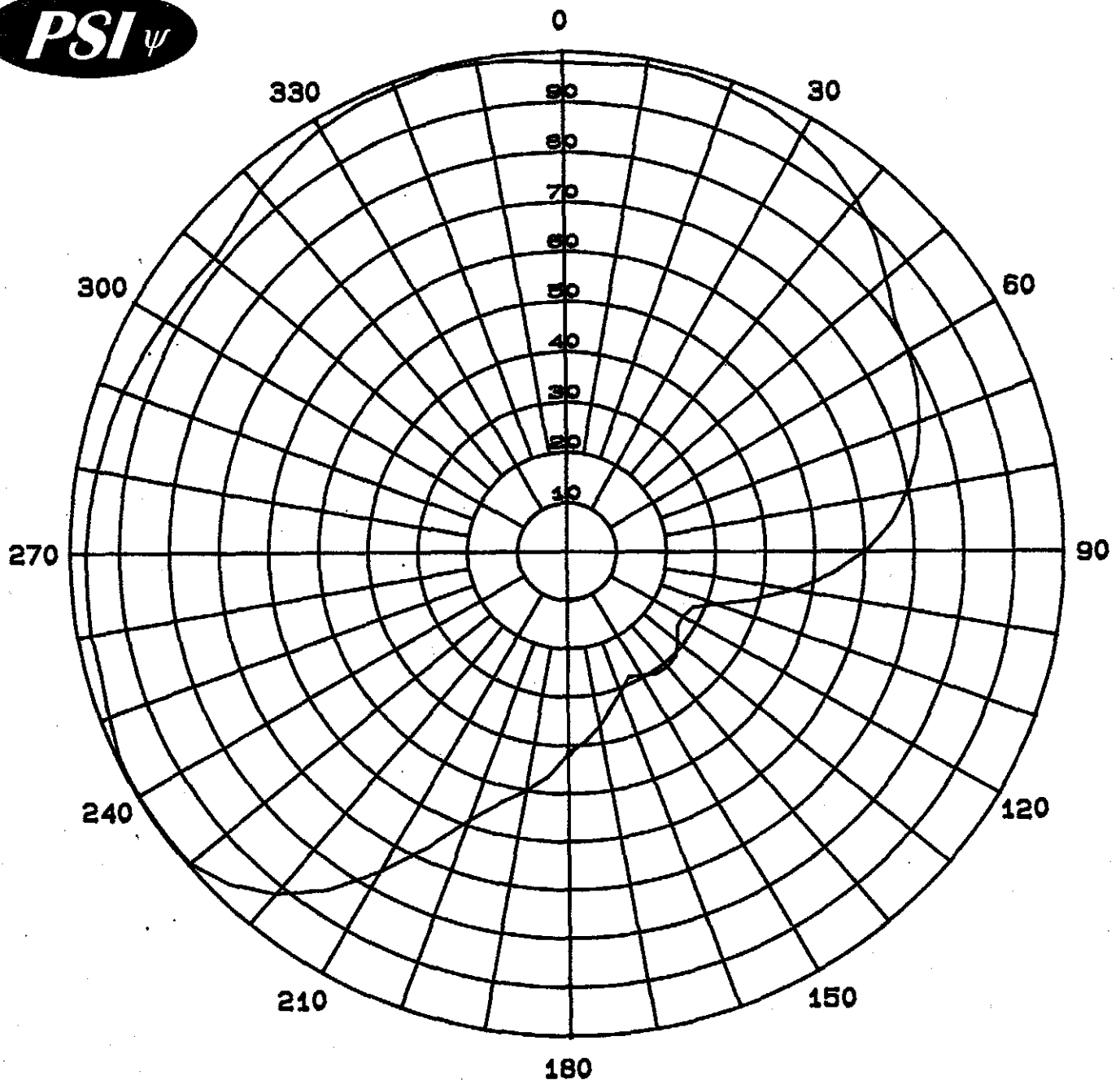
Angle	Relative Field	ERP (kW)	ERP (dBk)
0	1.000	23.50	13.71
10	1.000	23.50	13.71
20	1.000	23.50	13.71
30	1.000	23.50	13.71
40	1.000	23.50	13.71
50	1.000	23.50	13.71
60	1.000	23.50	13.71
70	1.000	23.50	13.71
80	1.000	23.50	13.71
90	0.879	18.16	12.59
100	0.715	12.01	10.80
110	0.577	7.82	8.93
120	0.461	4.99	6.98
130	0.367	3.17	5.00
140	0.320	2.41	3.81
150	0.318	2.38	3.76
160	0.338	2.68	4.29
170	0.370	3.22	5.07
180	0.466	5.10	7.08
190	0.566	7.53	8.77
200	0.691	11.22	10.50
210	0.823	15.92	12.02
220	1.000	23.50	13.71
230	1.000	23.50	13.71
240	1.000	23.50	13.71
250	1.000	23.50	13.71
260	1.000	23.50	13.71
270	1.000	23.50	13.71
280	1.000	23.50	13.71
290	1.000	23.50	13.71
300	1.000	23.50	13.71
310	1.000	23.50	13.71
320	1.000	23.50	13.71
330	1.000	23.50	13.71
340	1.000	23.50	13.71
350	1.000	23.50	13.71



Maximum Envelope and
Composite Pattern
Antenna: PSIFMR-4C-R-DA
Type: 4-Bay Directional FM Antenna
ERP: 23.5 kW (13.71 dBk)
RMS Envelope: .867
RMS Composite: .794
Frequency: 89.5 MHz

Propagation Systems Inc.
PO Box 113
Ebensburg, PA 15931

KJCC Carnegie, OK



Maximum Envelope and
Composite Pattern
Antenna: PSIFMR-4C-R-DA
Type: 4-Bay Directional FM Antenna
ERP: 23.5 kW (13.71 dBk)
RMS Envelope: .867
RMS Composite: .794
Frequency: 89.5 MHz

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Ebensburg, PA 15931

KJCC Carnegie, OK

Composite Pattern Tabulation

Antenna: PSIFMR-4C-R-DA

Calvary Chapel of Twin Falls, Inc.

Station: KJCC

Frequency: 89.5 MHz

Location: Carnegie, OK

Maximum ERP: 23.5 kW (13.71 dBk)

Angle	Relative Field	ERP (kW)	ERP (dBk)
0	0.977	22.43	13.51
10	0.986	22.85	13.59
20	0.981	22.62	13.54
30	0.961	21.70	13.37
40	0.917	19.76	12.96
50	0.844	16.74	12.24
60	0.797	14.93	11.74
70	0.758	13.50	11.30
80	0.698	11.45	10.59
90	0.602	8.52	9.30
100	0.463	5.04	7.02
110	0.321	2.42	3.84
120	0.269	1.70	2.31
130	0.288	1.95	2.90
140	0.311	2.27	3.57
150	0.297	2.07	3.17
160	0.310	2.26	3.54
170	0.366	3.15	4.98
180	0.418	4.11	6.13
190	0.502	5.92	7.72
200	0.590	8.18	9.13
210	0.762	13.65	11.35
220	0.921	19.93	13.00
230	0.998	23.41	13.69
240	1.000	23.50	13.71
250	0.983	22.71	13.56
260	0.973	22.25	13.47
270	0.968	22.02	13.43
280	0.959	21.61	13.35
290	0.947	21.08	13.24
300	0.930	20.33	13.08
310	0.919	19.85	12.98
320	0.949	21.16	13.26
330	0.977	22.43	13.51
340	0.987	22.89	13.60
350	0.991	23.08	13.63