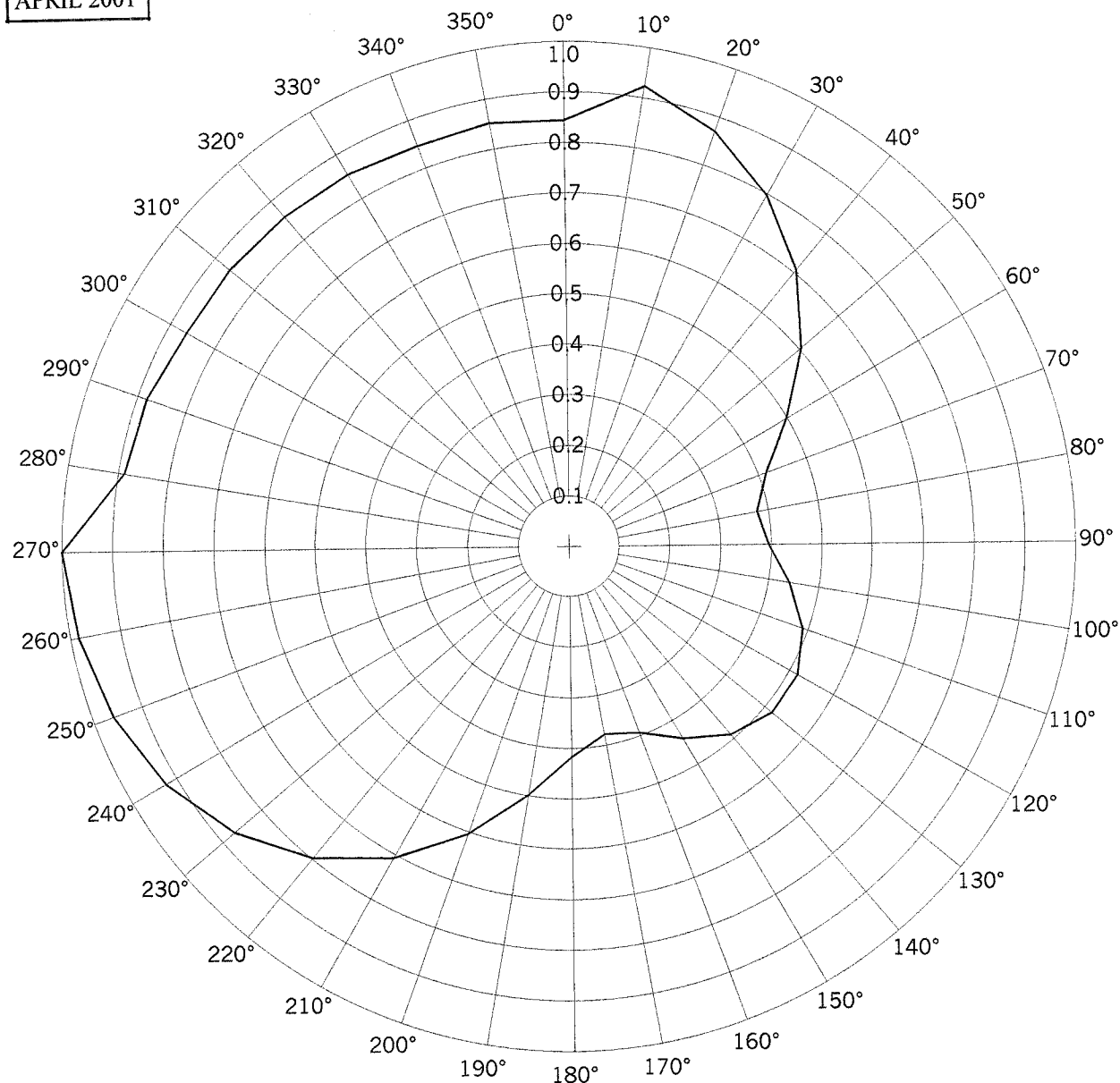


APRIL 2001



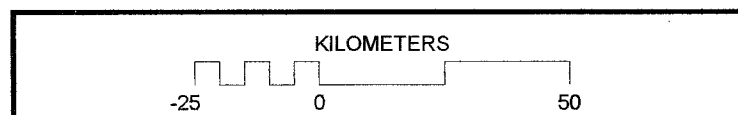
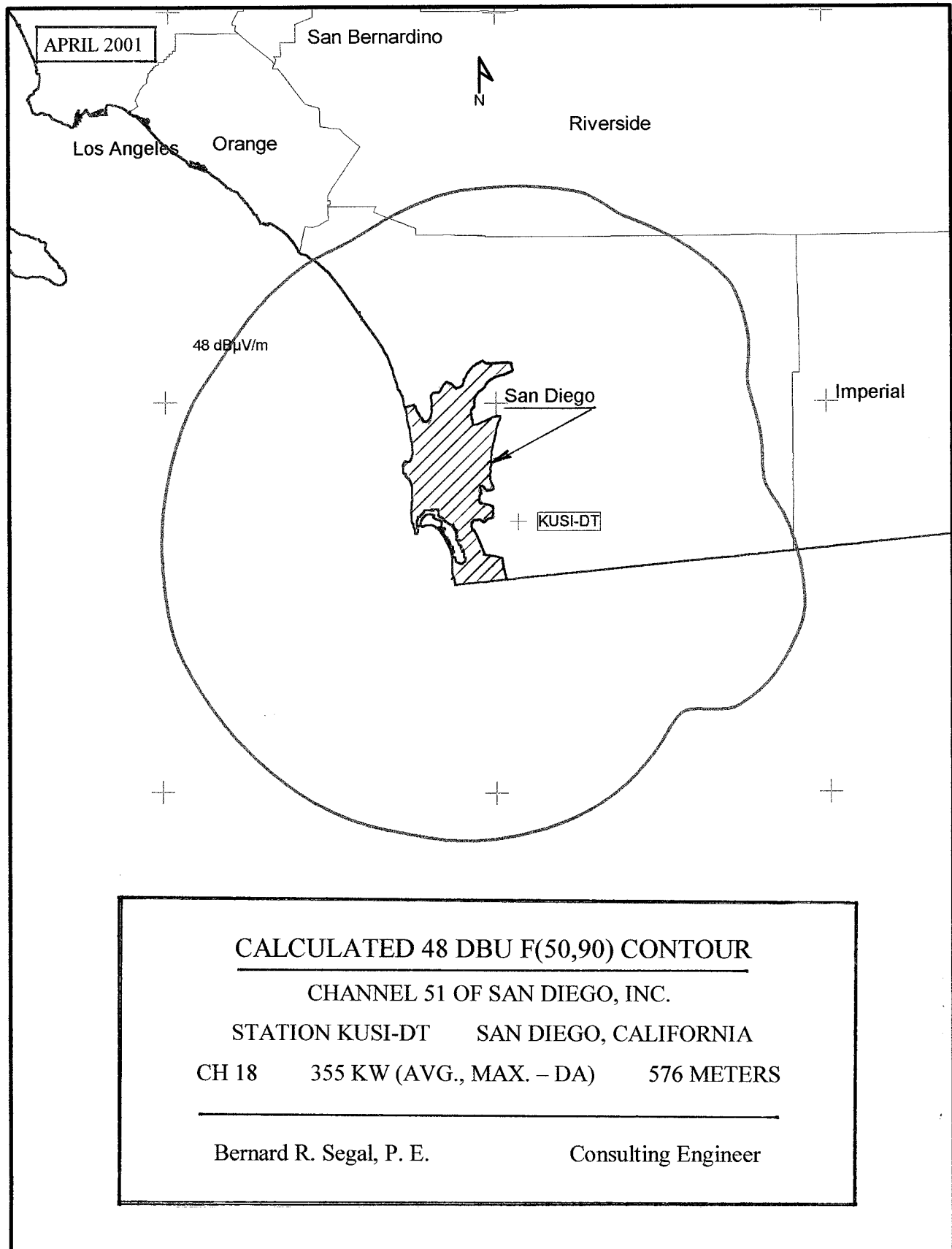
Relative Intensity

**COMPOSITE PATTERN FOR
48 DBU F(50,90) CALCULATION**

CHANNEL 51 OF SAN DIEGO, INC.
STATION KUSI-DT SAN DIEGO, CALIFORNIA
CH. 18 355 KW (AVG., MAX. - DA) 576 METERS

Bernard R. Segal, P. E.

Consulting Engineer



TABULATION OF DATA FOR 48 DBU CONTOUR DETERMINATION

<u>Azimuth</u> (degrees)	<u>Relative</u> <u>Field for</u> <u>Pattern</u>	<u>Effective</u> <u>Radiated</u> <u>Power</u> (kW)	<u>Radiation</u> <u>Center</u> <u>AAT</u> (meters)	<u>Distance to</u> <u>48 dBu F(50,90)</u> <u>Contour</u> (kilometers)
0	0.843	252	655	96.3
10	0.922	302	638	97.2
20	0.869	268	559	92.6
30	0.796	225	564	91.5
40	0.706	177	568	89.7
50	0.603	129	492	82.8
60	0.499	88.3	364	73.0
70	0.415	61.1	359	70.3
80	0.377	50.4	338	67.8
90	0.393	54.8	397	72.3
100	0.441	69.0	464	77.5
110	0.489	84.8	512	80.9
120	0.516	94.5	484	80.4
130	0.516	94.5	421	77.5
140	0.489	84.8	299	68.1
150	0.441	69.0	374	72.1
160	0.393	54.8	505	77.6
170	0.377	50.4	609	81.4
180	0.415	61.1	661	84.6
190	0.499	88.3	670	88.0
200	0.603	129	652	90.6
210	0.706	177	673	94.0
220	0.796	225	684	96.4
230	0.869	268	696	98.4
240	0.922	302	722	100.3
250	0.958	326	757	102.2
260	0.984	344	742	102.2
270	1.000	355	732	102.1
280	0.888	280	730	99.9
290	0.880	275	709	99.1
300	0.862	264	666	97.2
310	0.862	264	659	96.9
320	0.859	262	642	96.2

TABULATION OF DATA FOR 48 DBU CONTOUR DETERMINATION

<u>Azimuth</u>	<u>Relative</u>		<u>Radiation</u>	<u>Distance to</u>
<u>(degrees)</u>	<u>Field</u>	<u>ERP</u>	<u>Center</u>	<u>48 dBu, F(50,90)</u>
		<u>(kW)</u>	<u>AAT</u>	<u>Contour</u>
			<u>(meters)</u>	<u>(kilometers)</u>
330	0.854	259	599	94.4
340	0.846	254	642	95.9
350	0.853	258	665	96.9