

KHANNA & GULL, Inc. – Consulting Engineers  
Radio – Television

NIGHTTIME CONTOUR INFORMATION  
**KGDP, OILDALE, CALIFORNIA**  
660 kHz – 6 kW N/8 kW D – DA-2

*Exhibit 15A - Form 301, Section III-A AM Engineering  
Technical Specifications*

Engineering Exhibit of KGDP, Oildale, California

TABULATION OF  
COMPUTED DISTANCE TO CONTOURS  
FOR THE PROPOSED 6 kW NIGHTTIME OPERATION OF  
KGDP, OILDALE, CALIFORNIA  
SEPTEMBER 2006  
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OILDALE, CA

Call: KGDP (Proposed)

Coordinates: N 35 27 10 W 118 56 40

Frequency: 660 kHz Number of contours: 2

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		36.700	1000.000
0.0	525.55	10.54	0.51
5.0	589.18	11.53	0.57
10.0	639.23	12.28	0.62
15.0	674.53	12.80	0.65
20.0	694.16	13.08	0.67
25.0	697.61	14.77	0.68
30.0	684.83	14.55	0.67
35.0	656.34	14.05	0.64
40.0	613.36	13.29	0.60
45.0	557.74	12.28	0.55
50.0	492.02	11.04	0.48
55.0	419.34	9.62	0.41
60.0	343.28	8.08	0.34
65.0	267.74	6.46	0.27
70.0	196.82	3.75	0.19
75.0	134.80	2.76	0.13
80.0	86.87	2.21	0.09
85.0	60.44	1.56	0.06
90.0	58.51	1.52	0.06
95.0	68.39	1.65	0.07
100.0	80.57	1.91	0.08
105.0	95.60	2.54	0.10
110.0	116.86	3.08	0.12
115.0	145.60	3.82	0.14
120.0	180.07	4.69	0.18
125.0	216.88	5.60	0.22
130.0	252.33	6.47	0.25
135.0	282.99	7.21	0.28
140.0	305.99	7.75	0.30
145.0	319.20	7.78	0.32
150.0	321.33	7.82	0.32
155.0	312.18	7.62	0.31
160.0	293.09	7.19	0.29
165.0	267.83	6.62	0.27
170.0	244.35	6.09	0.24
175.0	236.38	5.90	0.24

TABULATION OF  
COMPUTED DISTANCE TO CONTOURS  
FOR THE PROPOSED 6 kW NIGHTTIME OPERATION OF  
KGDP, OILDALE, CALIFORNIA  
SEPTEMBER 2006  
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Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers :	
		Contour levels in mV/m.	
		36.700	1000.000
180.0	259.08	6.42	0.26
185.0	317.16	7.73	0.32
190.0	403.84	9.61	0.40
195.0	510.32	11.81	0.50
200.0	629.88	14.16	0.62
205.0	757.61	16.53	0.75
210.0	889.44	18.86	0.87
215.0	1021.68	22.81	1.01
220.0	1150.75	25.18	1.13
225.0	1273.10	27.36	1.25
230.0	1385.20	29.30	1.36
235.0	1483.64	26.38	1.43
240.0	1565.26	28.02	1.51
245.0	1627.27	29.69	1.57
250.0	1667.43	30.81	1.61
255.0	1684.23	31.43	1.62
260.0	1676.94	31.58	1.62
265.0	1645.72	31.29	1.59
270.0	1591.60	30.34	1.54
275.0	1516.38	28.99	1.46
280.0	1422.52	27.24	1.38
285.0	1312.95	25.13	1.27
290.0	1190.87	22.66	1.16
295.0	1059.53	20.55	1.03
300.0	922.07	20.91	0.85
305.0	781.39	16.96	0.73
310.0	640.07	14.35	0.60
315.0	500.43	11.61	0.48
320.0	364.74	6.87	0.35
325.0	236.19	4.86	0.23
330.0	124.65	2.82	0.12
335.0	90.37	2.37	0.09
340.0	169.76	4.33	0.17
345.0	268.45	6.64	0.25
350.0	363.31	8.74	0.34
355.0	449.73	10.57	0.42