



## **EXHIBIT G**

THIS EXHIBIT CONTAINS PLOTS OF THE MEASURED  
FIELDS FOR KG6XDP WITH THE FOLLOWING DATA:

Radial °	Tx Co-Ordinates (NAD 27)
True North	35° 27' 0.0" N.Lat.
At Oildale, Ca,	118 56 48 W.Long.

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**Radials:**

10, 79.5, 89.5, 102, 114, 134, 153, 168, 182, 202, 222, 310, 330,  
342, 354. Degrees.

### **Table of Conductivity Summary**

#### **Each Radial Contains:**

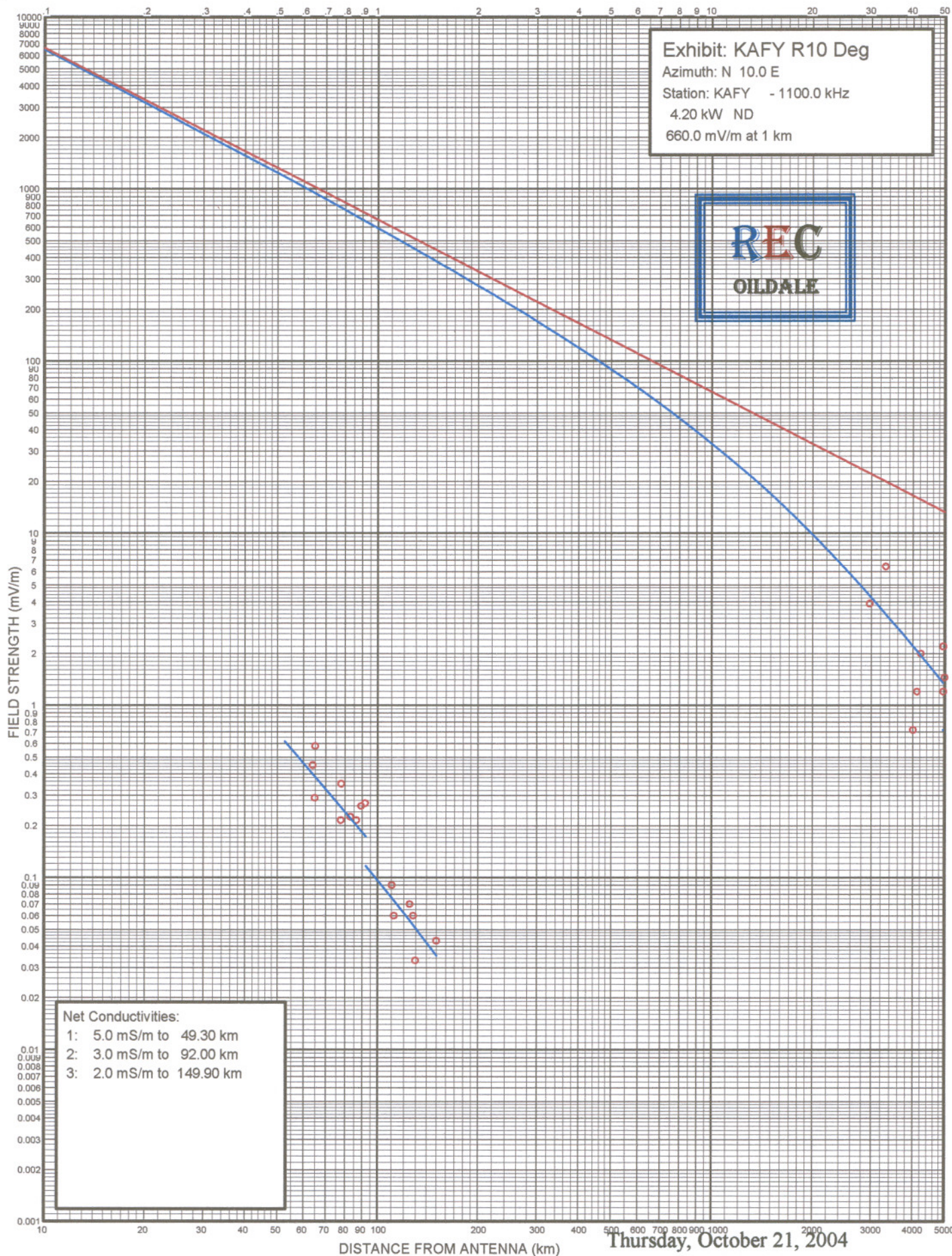
1. Plot with the Analysisist of the Conductivity
2. Amdat File of Field Measurements
3. Table of Measurements, with Date & Time of Measurement
4. Weather Status at time of Measurement signed by the Field Engineer making the Measurements

# KAFY – Oildale, California

## Summary of Measured Conductivity and Distance

Radial No.	Radial ° T	mS/m- km	mS/m- km	mS/m km	mS/m- km	mS/m- km	
1	10	5-49.3	3-92	2-149.9	END		
2	79.5	2-143.8	END				
3	89.5	6-4.6	3-25.4	1-89.4	1.5-123.3	END	
4	102	3-35	1.5-193.6	END			
5	114	15-10	5-22	1.5-90.1	END		
6	134	20-2	15-18	10-33	5-49	3-66	1.5-86 END
7	153	10-36.4	3-90	2-123.9	END		
8	168	10-20.5	15-48	7-68.1	5-95	3-117.9	END
9	182	20-5	10-36.5	15-43.4	4-72.8	1-121.8	END
10	202	10-37.5	15-48.7	4-70	1.5-128	END	
11	222	15-64.7	10-84.1	3-134.1	0.1-149.9	END	
12	310	3-2.8	10-17.5	15-33.6	END		
13	330.5	3-7	10-97	END			
14	342	10-88.6	END				
15	354	2-2.6	10-109	4-146.1	END		







KAFY

1100	10
23	1

ND ND1

29.6	3.9
33.1	6.4
40	0.72
41.1	1.2
42.2	2
49.3	2.2
49.3	1.2
49.7	1.45
63.8	0.45
64.7	0.29
64.9	0.58
77.4	0.215
77.7	0.35
82.7	0.225
86.2	0.215
89.1	0.26
91.6	0.27
110.2	0.09
111.7	0.06
124.6	0.07
127.6	0.06
129.6	0.033
149.9	0.043

**EDX Amdat File Radial 10.0 °**

## FIELD STRENGTH MEASUREMENT DATA

Azimuth: N 10.0 E

Call: KAFY

Frequency: 1100.0 kHz

Power: 21.400 kW

Pattern: ND

Point Number	2004 Date	Time	Distance (km)	Field Strength (mV/m)
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1	1/13	0952	29.60	3.90
2	1/13	0952	33.10	6.40
3	1/13	1050	40.00	0.72
4	1/13	1102	41.10	1.20
5	1/13	1118	42.20	2.00
6	1/13	1138	49.30	2.20
7	1/13	1150	49.30	1.20
8	1/13	1142	49.70	1.45
9	1/13	1317	63.80	0.45
10	1/13	1327	64.70	0.290
11	1/13	1310	64.90	0.580
12	1/13	1420	77.40	0.215
13	1/13	1427	77.70	0.350
14	1/13	1436	82.70	0.225
15	1/13	1447	86.20	0.215
16	1/13	1508	89.10	0.260
17	1/13	1515	91.60	0.270
18	1/14	0953	110.20	0.090
19	1/14	0925	111.70	0.060
20	1/14	1206	124.60	0.070
21	1/14	1221	127.60	0.060
22	1/14	1239	129.60	0.033
23	1/14	1526	149.90	0.043

Exhibit \_\_\_\_\_ Page 1**FIELD SURVEY PLAN**  
**Radio & Tv Engineering Co.**

Station KAFY  
Frequency 1100 kHz  
FCC ID # \_\_\_\_\_  
Radial No. KAFY #  
Az 10° °T  
TX Location BIKERSFIELD  
TX Site: \_\_\_\_\_  
\_\_\_\_\_" N. Lat.  
\_\_\_\_\_" W. Long.

Measured: Day Tuesday  
Date 1/13/04

Weather:

8:00 AM ☒ Clear ☐ Cloudy ☐ Overcast ☐ RainFIM Model No. 41 s/n 888GEO Exp. 3: s/n 0440102482BOB Receiver: s/n 0340000906Field Engineer Jerry & RuthSupervised by: Norwood J. Patterson  
Norwood J. Patterson, REC Engineer

REC ID Pg. Field Survey Plan

Point 1-2

Exhibit \_\_\_\_\_ Page 2**FIELD SURVEY PLAN**  
Radio & Tv Engineering Co.

Station KAFY  
Frequency 1100 kHz  
FCC ID # \_\_\_\_\_  
Radial No. KAFY  
Az 10° °T  
TX Location Bakersfield  
TX Site:  
35° 27' 0.0" " N. Lat.  
118° 56' 48.0" " W. Long.

Measured: Day Tuesday  
Date 1/13/64

Weather:

10:30 AM ☐ Clear ☒ Cloudy ☐ Overcast ☐ Rain  
FOGFIM Model No. 41 s/n 888GEO Exp. 3: s/n 0440102482BOB Receiver: s/n 0340000906Field Engineer Jeffrey G. RuffSupervised by: Norwood J. Patterson  
Norwood J. Patterson, REC Engineer

REC ID Pg. Field Survey Plan

# #  
Points 3-4



Exhibit \_\_\_\_\_ Page 3**FIELD SURVEY PLAN**  
Radio & Tv Engineering Co.

Station KAFY  
Frequency 1180 kHz  
FCC ID # \_\_\_\_\_  
Radial No. KAFY #  
Az 10 ° T  
TX Location Bakersfield  
TX Site:  
35 ° 27 ' 0.0 " N. Lat.  
118 ° 56 ' 48.0 " W. Long.

Measured: Day Tuesday  
Date 1/13/04

Weather:

11:15 AM ☒ Clear ☐ Cloudy ☐ Overcast ☐ RainFIM Model No. 41 s/n 888GEO Exp. 3: s/n 0440102482BOB Receiver: s/n 0340000906Field Engineer Jeffrey G. RothSupervised by: Norwood J. Patterson  
Norwood J. Patterson, REC Engineer

REC ID Pg. Field Survey Plan

Points <sup>4</sup> 5-7



Exhibit \_\_\_\_\_ Page 4**FIELD SURVEY PLAN**  
Radio & Tv Engineering Co.

Station KAFY  
Frequency 1180 kHz  
FCC ID # \_\_\_\_\_  
Radial No. KAFY #  
Az 10° °T  
TX Location Bakersfield  
TX Site:  
35° 27' 00.0 " N. Lat.  
118° 56' 48.0 " W. Long.

Measured: Day Tuesday  
Date 1/13/04

Weather:

11:45 AM ☐ Clear ☒ Cloudy ☐ Overcast ☐ Rain  
Fog

FIM Model No. 41 s/n 888GEO Exp. 3: s/n 0440102482BOB Receiver: s/n 0340000906Field Engineer Jeffrey A. ReedSupervised by: Norwood J. Patterson  
Norwood J. Patterson, REC Engineer

REC ID Pg. Field Survey Plan

Points <sup>1</sup> 849

Exhibit \_\_\_\_\_ Page 5**FIELD SURVEY PLAN**  
**Radio & Tv Engineering Co.**

Station KAFY  
Frequency 1100 kHz  
FCC ID # \_\_\_\_\_  
Radial No. KAFY  
Az 102° 10 °T  
TX Location Bakersfield  
TX Site:  
35° 27' 2.0" N. Lat.  
118° 56' 48.0" W. Long.

Measured: Day Tuesday  
Date 1/13/64

Weather:

1:15 PM ☒ Clear ☐ Cloudy ☐ Overcast ☐ RainFIM Model No. 41 s/n 888GEO Exp. 3: s/n 0440102482BOB Receiver: s/n 0340000906Field Engineer Jeffrey A. RothSupervised by: Norwood J. Patterson  
Norwood J. Patterson, REC Engineer

REC ID Pg. Field Survey Plan

Points  
#10-17

Exhibit \_\_\_\_\_ Page 6**FIELD SURVEY PLAN**  
**Radio & Tv Engineering Co.**

Station KAFY  
Frequency 1100 kHz  
FCC ID # \_\_\_\_\_  
Radial No. KAFY #  
Az 10 °T  
TX Location Bakersfield  
TX Site: \_\_\_\_\_

\_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " N. Lat.  
\_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " W. Long.

Measured: Day Wednesday  
Date 1/14/04

Weather:

8:00AM ☒ Clear ☐ Cloudy ☐ Overcast ☐ RainFIM Model No. 41 s/n 888GEO Exp. 3: s/n 0440102482BOB Receiver: s/n 0340000906Field Engineer Jeffrey G. KeithSupervised by: Norwood J. Patterson  
Norwood J. Patterson, REC Engineer

REC ID Pg. Field Survey Plan

Points #18 - #23