

Thursday, October 14, 2004



KFAY-AMDAT

EDX Amdat File Radial 354 °

1100	354
28	1
ND	ND1
0.6	1150
0.8	800
1.2	405
1.4	327
2.2	199
2.4	166
2.6	125
8.7	60
10.3	18
14	31.5
15.5	27.6
17.7	22
19.9	15.7
22.05	14.9
25.46	13.1
28.15	9.2
32.8	6.6
49.3	3.6
49.6	4.6
57.2	4.5
66.5	3
77.5	1.05
91.2	0.82
99	0.7
107.4	0.43
129.4	0.098
141.6	0.09
146.1	0.095

## FIELD STRENGTH MEASUREMENT DATA

Azimuth: N 354.0 E

Call: KFAY-A

Frequency: 1100.0 kHz

Power: 4.200 kW

Pattern: ND

Point Number	Date	Time	Distance (km)	Field Strength (mV/m)
1 *	4/12/00	0859	.60	1150.00
2 *	4/12	0916	.80	800.00
3 *	4/12	0921	1.20	405.00
4 *	4/12	0940	1.40	327.00
5 *	4/12	1058	2.20	199.00
6 *	4/12	1105	2.40	166.00
7 *	4/12	1116	2.60	125.00
8 *	4/12	1145	8.70	60.00
9 *	4/12	1210	10.30	18.00
10 *	4/12	1220	14.00	31.50
11 *	4/12	1227	15.50	27.60
12 *	4/12	1319	17.70	22.00
13 *	4/12	1337	19.90	15.70
14 *	4/12	1355	22.05	14.90
15 *	4/12	1408	25.46	13.10
16 *	4/12	1420	28.15	9.20
17	1/11/04	1244	32.80	6.60
18	1/11	1216	49.30	3.60
19	1/11	1223	49.60	4.60
20	1/11	1154	57.20	4.50
21	1/11	1137	66.50	3.00
22	1/11	1119	77.50	1.05
23	1/11	1042	91.20	0.820
24	1/11	1023	99.00	0.700
25	1/11	1002	107.40	0.430
26	1/11	0919	129.40	0.098
27	1/11	0837	141.60	0.090
28	1/11	0802	146.10	0.095

\* From KFAY Proof of Performance

Dated June 2000

File #BMP-940509AC

TABLE 10

RADIAL 354 DEGREE AZIMUTH

RADIO STATION KZPM, 1100 kHz

## FIELD INTENSITY MEASUREMENTS

POINT	DISTANCE (km)	4.2kW NON-DIRECTIONAL			800W DIRECTIONAL NIGHT			RATIO DA/NDA
		DATE	FIELD TIME	mV/M	DATE	FIELD TIME	mV/m	
1	.60	4/12/00	858	1150.0				
2	.80	4/12/00	916	800.0				
3	1.20	4/12/00	921	405.0	5/4/00	1210	4.07	.0100
4	1.40	4/12/00	940	327.0	5/4/00	1220	2.84	.0087
5	2.20	4/12/00	1058	199.0	5/4/00	1245	2.15	.0108
6	2.40	4/12/00	1105	166.0	5/4/00	1301	2.65	.0160
7	2.60	4/12/00	1116	125.0	5/4/00	1309	2.8	.0224
8	8.70	4/12/00	1145	60.0	5/4/00	1510	1.5	.0250
9	10.30	4/12/00	1210	18.0	5/4/00	1537	.18	.0100
10	14.00	4/12/00	1220	31.5	5/4/00	1550	.62	.0197
11	15.50	4/12/00	1227	27.6	5/4/00	1618	.85	.0308
12MP	17.70	4/12/00	1319	22.0	5/4/00	1627	.80	.0364
13	19.90	4/12/00	1337	15.7	5/4/00	1640	.55	.0350
14	22.05	4/12/00	1355	14.9	5/4/00	1655	.12	.0081
15	25.46	4/12/00	1408	13.1	5/4/00	1710	.24	.0183
16	28.15	4/12/00	1420	9.2	5/4/00	1729	.13	.0141

Extracted from KFAY Proof of Performance  
Dated June 2000 File #BMP-940509AC

AVERAGE LOG RATIO = .0167

Sunday, October 17, 2004

# FIELD SURVEY PLAN

Radio & Tv Engineering Co.

Station KAFX  
Frequency 1120 kHz  
FCC ID # 36027  
Radial No. 354

Az \_\_\_\_\_ °T

TX Location Bakersfield, Ca

TX Site:

35 ° 27 ' 010 " N. Lat.  
118 ° 56 ' 48.0 " W. Long.

Measured: Day Sunday  
Date 1-11-04

Weather:

☒ Clear ☐ Cloudy ☐ Overcast ☐ Rain

some fog  
FIM Model No. 41 s/n 888

GEO Exp. 3: s/n 2475

BOB Receiver: s/n 0614

Field Engineer [Signature]

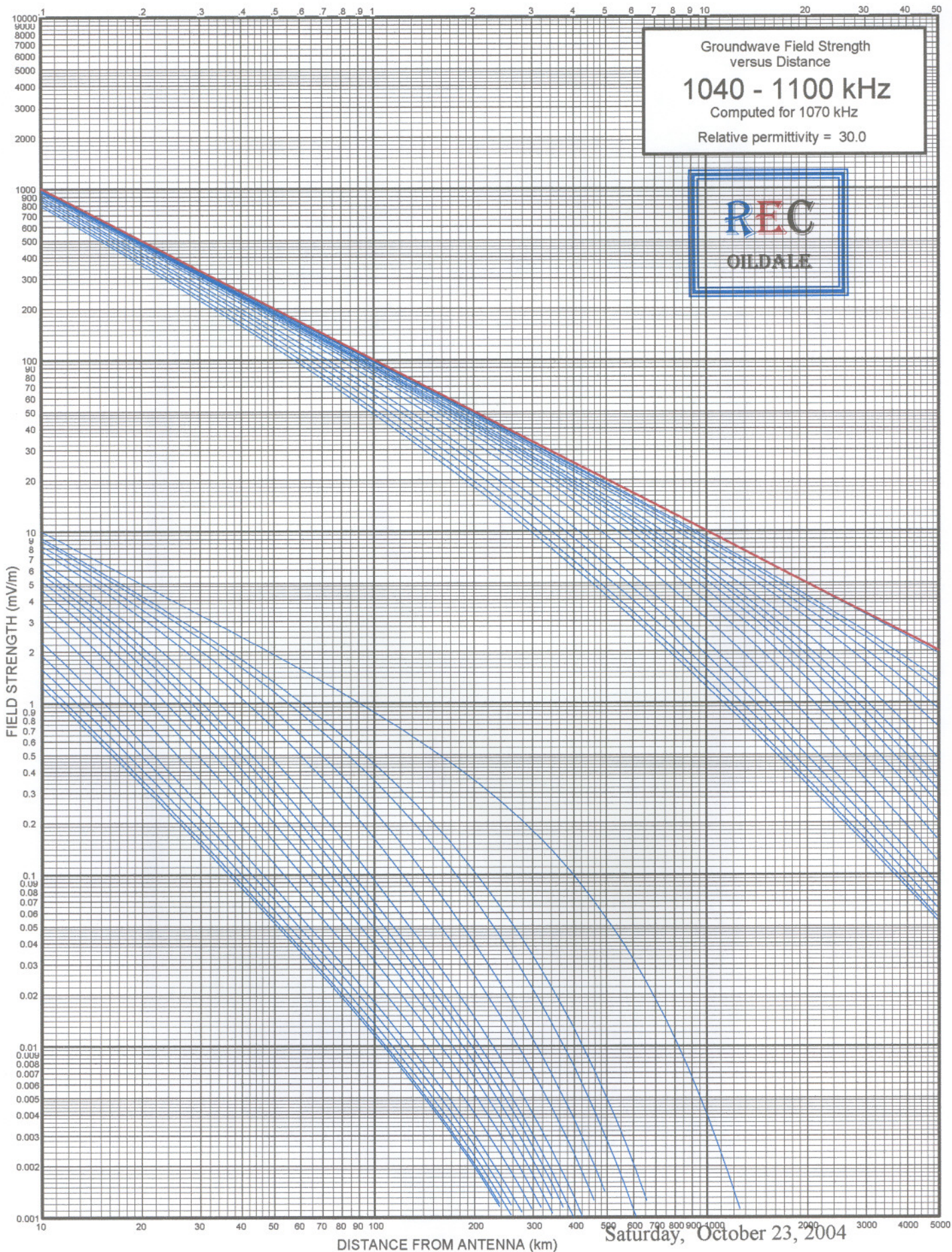
Supervised by: Norwood J. Patterson

Norwood J. Patterson, REC Engineer

REC ID Pg. Field Survey Plan

Sunday, October 17, 2004





Saturday, October 23, 2004