

Sunday, October 17, 2004

KAFY

EDX Amdat File Radial 102 °

1100 102

11 1

ND ND1

36.1 1.95

36.3 0.68

39.2 1

49.3 0.78

51.2 0.36

52.2 0.32

80 0.068

86.8 0.09

87.7 0.15

193 0.023

193.6 0.021

FIELD STRENGTH MEASUREMENT DATA

Azimuth: N 102.0 E

Call: KAFY
Frequency: 1100.0 kHz
Power: 4.200 kW
Pattern: ND

Point Number	2004 Date	Time	Distance (km)	Field Strength (mV/m)
1	1/12	1005	36.10	1.950
2	1/12	1020	36.30	0.680
3	1/12	1032	39.20	1.000
4	1/12	1050	49.30	0.780
5	1/12	1110	51.20	0.360
6	1/12	1059	52.20	0.320
7	1/12	0820	80.00	0.068
8	1/04	1603	86.80	0.090
9	1/04	1550	87.70	0.150
10	1/09	1335	193.00	0.023
11	1/09	1345	193.60	0.021

Sunday, October 17, 2004

FIELD SURVEY PLAN
Radio & Tv Engineering Co.

Station KAFYFrequency 1100 kHzFCC ID # 36027Radial No. 102°

Az _____ °T

TX Location Bakersfield

TX Site:

35 ° 27 ' 0.0 " N. Lat.
118 ° 56 ' 48.0 " W. Long.

Measured: Day Sunday
Date 1/4/04

Weather:

☒ Clear ☐ Cloudy ☐ Overcast ☐ Rain

FIM Model No. 41 s/n 882

GEO Exp. 3: s/n _____

BOB Receiver: s/n _____

Field Engineer _____

Supervised by: _____

Norwood J. Patterson, REC Engineer

FIELD SURVEY PLAN

Radio & Tv Engineering Co.

Station KAFY
Frequency 1100 kHz
FCC ID # _____
Radial No. KAFY#
Az 102° °T
TX Location Bakersfield
TX Site: _____
_____' _____' " N. Lat.
_____' _____' " W. Long.

Measured: Day Monday
Date 1/12/04
8:00 AM

Weather:

☒ Clear ☐ Cloudy ☐ Overcast ☐ Rain

FIM Model No. 41 s/n 888

GEO Exp. 3: s/n 0440102482

BOB Receiver: s/n 0340000906

Field Engineer

Jeffrey A. Ruth

Supervised by:

Norwood J. Patterson, REC Engineer

FIELD SURVEY PLAN
Radio & Tv Engineering Co.

Station KAFY
Frequency 1100 kHz
FCC ID # _____
Radial No. KAFY #
Az 102° °T
TX Location Bakersfield
TX Site:
____ ° _____ ' _____ " N. Lat.
____ ° _____ ' _____ " W. Long.

Measured: Day Friday
Date 1/9/64

Weather:
12:00pm ☐ Clear ☒ Cloudy ☐ Overcast ☐ Rain
partly

FIM Model No. 41 s/n 888

GEO Exp. 3: s/n 0440102482

BOB Receiver: s/n 0340000906

Field Engineer Jeffrey G. Ruth

Supervised by: Norwood J. Patterson
Norwood J. Patterson, REC Engineer

Exhibit: KAFY R114.0 Deg

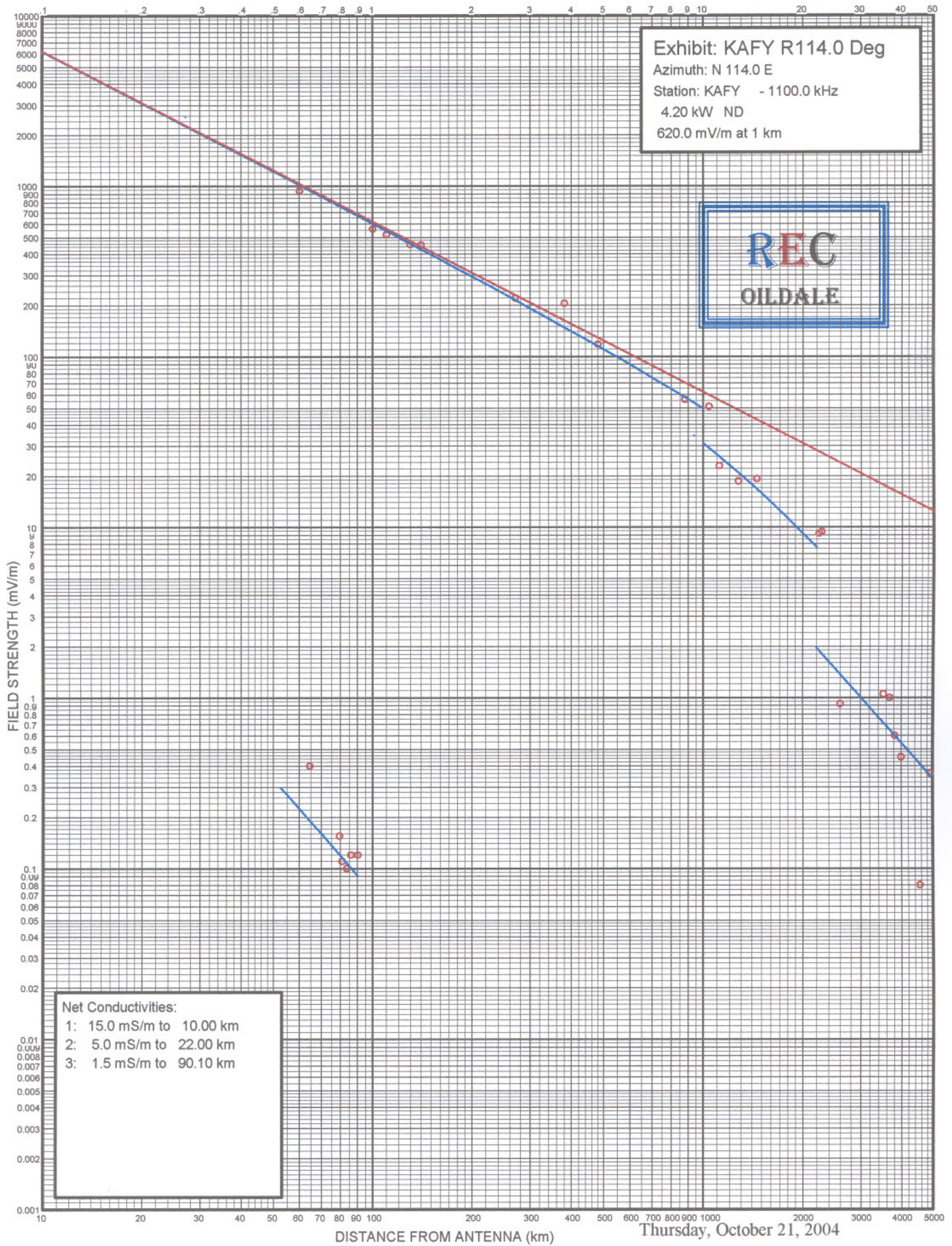
Azimuth: N 114.0 E

Station: KAFY - 1100.0 kHz

4.20 kW ND

620.0 mV/m at 1 km

REC
OILDALE





FIELD STRENGTH MEASUREMENT DATA

Azimuth: N 114.0 E

Call: KAFY
Frequency: 1100.0 kHz
Power: 4.200 kW
Pattern: ND

Point Number	Date	Time	Distance (km)	Field Strength (mV/m)
1*	4/17/00	1210	0.60	940.00
2*	4/17	1220	1.00	560.00
3*	4/17	1224	1.10	520.00
4*	4/17	1237	1.30	455.00
5*	4/17	1239	1.40	450.00
6*	4/17	1318	2.70	220.00
7*	4/17	1326	3.80	205.00
8*	4/17	1359	4.80	118.00
9*	4/17	1420	8.79	56.00
10*	4/17	1440	10.39	51.00
11*	4/17	1450	11.17	22.90
12*	4/17	1508	12.75	18.60
13*	4/17	1519	14.50	19.20
14*	4/17	1550	22.40	9.20
15*	4/17	1601	22.80	9.40
16*	4/17	1619	26.00	0.920
17*	4/17	1637	35.20	1.05
18	10/17/04	0751	36.78	1.00
19	10/17/04	0755	38.17	0.600
20	10/17/04	0801	39.91	0.450
21	10/17/04	0807	41.60	0.230
22	10/17	0815	45.47	0.080
23	10/17	0823	49.05	0.360
24	10/17	0932	64.40	0.400
25	10/17	1010	79.21	0.155
26	10/17	1024	80.74	0.110
27	10/17	1040	83.34	0.100
28	10/17	1046	85.89	0.120
29	10/17	1103	90.07	0.120

* This data extracted from FCC Files of KAFY
File #BMP-940509AC Proof dated June 2000.

Thursday, October 21, 2004

TABLE 3

RADIAL 113.5 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	4/17/00	1210	940.0				
2	1.00	4/17/00	1220	560.0	4/25/00	900	80.0	.1429
3	1.10	4/17/00	1224	520.0	4/25/00	905	78.0	.1500
4	1.30	4/17/00	1237	455.0	4/25/00	912	54.0	.1187
5	1.40	4/17/00	1239	450.0	4/25/00	919	58.0	.1289
6	2.70	4/17/00	1318	220.0	4/25/00	942	39.5	.1795
7	3.80	4/17/00	1326	205.0	4/25/00	955	37.0	.1805
8	4.80	4/17/00	1359	118.0	4/25/00	1007	17.5	.1483
9	8.79	4/17/00	1420	56.0	4/25/00	1021	5.5	.0982
10	10.33	4/17/00	1440	51.0	4/25/00	1036	5.2	.1020
11	11.17	4/17/00	1459	22.9	4/25/00	1040	3.8	.1659
12	12.75	4/17/00	1508	18.6	4/25/00	1100	1.7	.0914
13	14.50	4/17/00	1519	19.2	4/25/00	1115	2.35	.1224
14	22.41	4/17/00	1550	9.2	4/25/00	1137	1.1	.1196
15	22.80	4/17/00	1601	9.4	4/25/00	1155	1.6	.1702
16	26.00	4/17/00	1619	.92	4/25/00	1208	.12	.1304
17	35.20	4/17/00	1637	1.05	4/25/00	1237	.13	.1238
18	38.35	4/17/00	1655	2.2	4/25/00	1248	.18	.0818

This Data extracted from FCC Files of KAFY
File #BMP-940509AC Proof dated June 2000.

AVERAGE LOG RATIO = .1293

Sunday October 17, 2004



FIELD STRENGTH MEASUREMENT DATA

Azimuth: N 114.0 E

Call: KAFY
Frequency: 1100.0 kHz
Power: 4.200 kW
Pattern: ND

Point Number	Date	Time	Distance (km)	Field Strength (mV/m)
1*	4/17/00	1210	0.60	940.00
2*	4/17	1220	1.00	560.00
3*	4/17	1224	1.10	520.00
4*	4/17	1237	1.30	455.00
5*	4/17	1239	1.40	450.00
6*	4/17	1318	2.70	220.00
7*	4/17	1326	3.80	205.00
8*	4/17	1359	4.80	118.00
9*	4/17	1420	8.79	56.00
10*	4/17	1440	10.39	51.00
11*	4/17	1450	11.17	22.90
12*	4/17	1508	12.75	18.60
13*	4/17	1519	14.50	19.20
14*	4/17	1550	22.40	9.20
15*	4/17	1601	22.80	9.40
16*	4/17	1619	26.00	0.920
17*	4/17	1637	35.20	1.05
18	10/17/04	0751	36.78	1.00
19	10/17/04	0755	38.17	0.600
20	10/17/04	0801	39.91	0.450
21	10/17/04	0807	41.60	0.230
22	10/17	0815	45.47	0.080
23	10/17	0823	49.05	0.360
24	10/17	0932	64.40	0.400
25	10/17	1010	79.21	0.155
26	10/17	1024	80.74	0.110
27	10/17	1040	83.34	0.100
28	10/17	1046	85.89	0.120
29	10/17	1103	90.07	0.120

* This data extracted from FCC Files of KAFY
File #BMP-940509AC Proof dated June 2000.

FIELD SURVEY PLAN
Radio & Tv Engineering Co.

DAILY MEASUREMENT REPORT

Station KAFY
Frequency 1100 kHz
FCC ID # 36027
Radial No.
Az 114°T
TX Location Bakersfield
TX Site Co-ordinates:
35° 27' 0.0" N. Lat. NAD 27
118° 56' 48.0" W. Long.


Measured: DAY Sunday
DATE 10/17/04

Weather: Clear____ Cloudy__X__ Overcast____ Rain____

FIM Model No. 41 s/n 882
SONY GPS s/n_____
GEO Exp. 3 s/n_____
BOB Receiver s/n_____
MAGELLAN used ____330____

Field Engineer: Jim Patterson

Supervised by


Norwood J. Patterson
REC Engineer