

Friday, October 15, 2004

KAFY

EDX Amdat File Radial 182 °

1100	182
43	1
ND	ND1
0.6	1100
0.8	740
1	460
1.5	290
1.7	275
2.4	266
2.6	242
3.2	188
4.3	151
4.5	135
4.9	103
5.5	118
5.9	100
6.4	68
6.8	66
7.4	57
8.2	43
8.6	50
9.8	31.5
10.6	40
17	23.1
17.3	20
20.2	20.9
20.5	19
21.95	19.9
22.1	17.8
23.5	21
23.7	15
26.7	15.1
26.9	11.8
33.2	9.5
34.6	10.8
36.5	8.8
39.5	8.4
41.5	7.8
43.4	7.5
45.6	7
62.6	0.48
69.7	0.36
69.9	0.52
69.9	0.4
120.9	0.043
121.8	0.043

FIELD STRENGTH MEASUREMENT DATA

Azimuth: N 182.0 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	0907	0.60	1100.00
2*	4/17/00	0919	0.80	740.00
3*	4/17/00	0930	1.00	460.00
4*	4/17/00	0933	1.50	290.00
5*	4/17/00	0936	1.70	275.00
6*	4/17/00	1002	2.40	266.00
7*	4/17/00	1012	2.60	242.00
8*	4/17/00	1028	3.20	188.00
9*	4/21/00	0824	4.30	151.00
10*	4/21/00	0829	4.50	135.00
11*	4/21/00	0832	4.90	103.00
12*	4/21/00	0837	5.50	118.00
13*	4/21/00	0842	5.90	100.00
14*	4/21/00	0846	6.40	68.00
15*	4/21/00	0850	6.80	66.00
16*	4/21/00	0854	7.40	57.00
17*	4/21/00	0859	8.20	43.00
18*	4/21/00	0904	8.60	50.00
19*	4/21/00	0909	9.80	31.50
20*	4/21/00	0914	10.60	40.00
21*	4/21/00	1001	17.00	23.10
22	1/02/04	0900	17.30	20.00
23*	4/21/00	1012	20.20	20.90
24	1/02/04	0855	20.50	19.00
25*	4/21/00	1059	21.95	19.90
26	1/02/04	0845	22.10	17.80
27*	4/21/00	1108	23.50	21.00
28	1/02/04	0830	23.70	15.00
29*	4/21/00	1123	26.70	15.10
30	1/01/04	0750	26.90	11.80
31	1/01/04	1020	33.20	9.50
32*	4/21/00	1134	34.60	10.80
33	1/01/04	1030	36.50	8.80
34	1/01/04	1035	39.50	8.40
35	1/01/04	1040	41.50	7.80
36	1/01/04	1100	43.40	7.50
37	1/01/04	0905	45.60	7.00
38	1/01/04	1035	62.60	0.480
39	12/31/03	1540	69.70	0.360
40	1/01/04	1555	69.90	0.520
41	1/01/04	1600	69.90	0.400
42	12/31/03	1355	120.90	0.043
43	12/31/03	1235	121.80	0.043

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

Friday, October 15, 2004

TABLE 5

RADIAL 182 DEGREE AZIMUTH

RADIO STATION KZPM, 1100 kHz

FIELD INTENSITY MEASUREMENTS

DISTANCE (km)	4.2kW NON-DIRECTIONAL			800W DIRECTIONAL NIGHT			RATIO DA/NDA
	DATE	FIELD TIME	mV/M	DATE	FIELD TIME	mV/m	
.60	4/17/00	907	1100.0				
.80	4/17/00	919	740.0				
1.00	4/17/00	930	460.0	4/30/00	915	305.0	.6630
1.50	4/17/00	933	290.0	4/30/00	912	200.0	.6897
1.70	4/17/00	936	275.0	4/30/00	910	213.0	.7745
2.40	4/17/00	1002	266.0	4/30/00	901	184.0	.6917
2.60	4/17/00	1012	242.0	4/30/00	858	167.0	.6901
3.20	4/17/00	1028	188.0	4/30/00	846	142.0	.7553
4.30	4/21/00	824	151.0	4/30/00	927	110.0	.7285
4.50	4/21/00	829	135.0	4/30/00	932	98.0	.7259
4.90	4/21/00	832	103.0	4/30/00	1102	72.0	.6990
5.50	4/21/00	837	118.0	4/30/00	1114	63.0	.5339
5.90	4/21/00	842	100.0	4/30/00	1131	62.0	.6200
6.40	4/21/00	846	68.0	4/30/00	1143	45.5	.6691
6.80	4/21/00	850	66.0	4/30/00	1150	48.0	.7273
7.40	4/21/00	854	57.0	4/30/00	1156	41.9	.7351
8.20	4/21/00	859	43.0	4/30/00	1317	32.1	.7465
8.60	4/21/00	904	50.0	4/30/00	1322	36.7	.7340
9.80	4/21/00	909	31.5	4/30/00	1329	23.0	.7302
10.60	4/21/00	914	40.0	4/30/00	1336	29.0	.7250

TABLE 5 CONTINUED

RADIAL 182 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	
21	17.00	4/21/00	1001	23.1	4/30/00	1411	17.0	.7359
22	20.20	4/21/00	1012	20.9	4/30/00	1424	14.3	.6842
23	21.95	4/21/00	1059	19.9	4/30/00	1432	13.9	.6985
24	23.50	4/21/00	1108	21.0	4/30/00	1441	15.0	.7143
25	26.70	4/21/00	1123	15.1	4/30/00	1449	9.6	.6358
26	34.6	4/21/00	1134	10.8	4/30/00	1502	7.6	.7037

AVERAGE LOG RATIO = .6985

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

FIELD SURVEY PLAN

Radio & Tv Engineering Co.

Station KAFXFrequency 1100 kHzFCC ID # 36027Radial No. 182°

Az _____ °T

TX Location Bakersfield

TX Site:

35 ° 27 ' 0.0 " N. Lat.
118 ° 50 ' 48.0 " W. Long.

Measured: Day 1-1-04
Date Thurs

Weather:

☐ Clear ☐ Cloudy ☒ Overcast ☐ Rain

High ThinFIM Model No. 41 s/n 888GEO Exp. 3: s/n 102482BOB Receiver: s/n 00906

Field Engineer _____

Supervised by: _____

Norwood J. Patterson, REC Engineer

FIELD SURVEY PLAN

Radio & Tv Engineering Co.

Station KAFY
Frequency 1180 kHz
FCC ID # 36027
Radial No. 1820
Az _____ °T
TX Location Bakersfield
TX Site:
35 ° 27 ' 2.2 " N. Lat.
118 ° 56 ' 48.2 " W. Long.

Measured: Day Friday
Date 11/2/03

Weather:

☐ Clear ☐ Cloudy ☐ Overcast ☒ Rain light

FIM Model No. 41 s/n 888

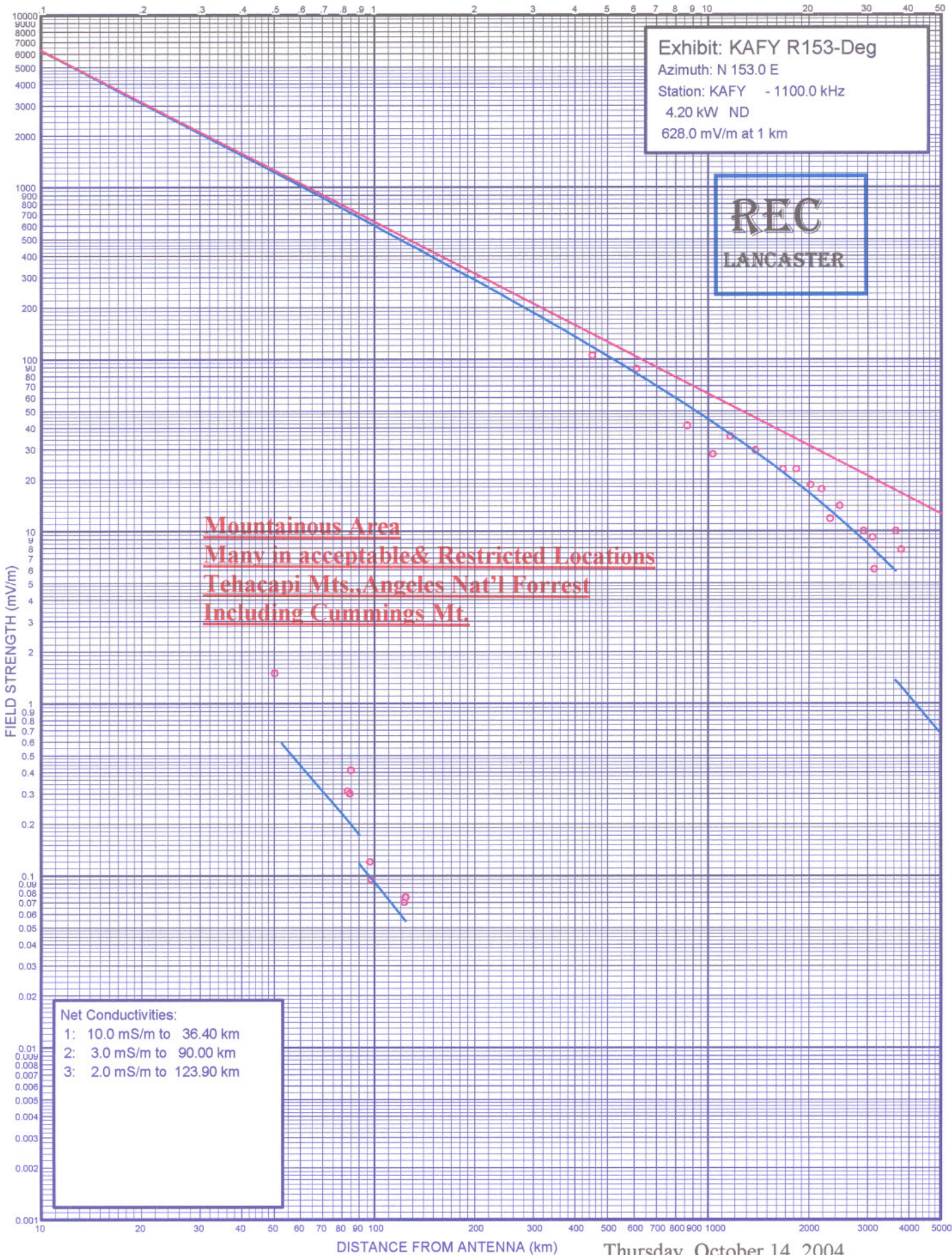
GEO Exp. 3: s/n 102482

BOB Receiver: s/n 22 906

Field Engineer _____

Supervised by: _____

Norwood J. Patterson, REC Engineer



Thursday, October 14, 2004

KAFY

EDX Amdat File Radial 153 °

1100 153

27 1

ND ND1

4.49 105

6.09 88

8.63 41

10.3 28

11.6 35.5

13.8 29.5

16.7 22.9

18.3 22.9

20.2 18.5

21.8 17.5

23.1 11.8

24.7 14

29.1 10

31 9.2

31.4 6

36.4 10

37.8 7.8

50 1.55

50.1 1.5

82.8 0.31

84.2 0.3

84.8 0.41

96.8 0.12

97.6 0.095

122.7 0.07

123.7 0.075

123.9 0.075

FIELD STRENGTH MEASUREMENT DATA

Azimuth: N 153.0 E

Call: KAFY

Frequency: 1100.0 kHz

Power: 4.200 kW

Pattern: ND

Point Number	2003 Date	Time	Distance (km)	Field Strength (mV/m)
-----	-----	-----	-----	-----
1	12/28	0800	4.49	105.00
2	12/28	0805	6.09	88.00
3	12/28	0810	8.63	41.00
4	12/28	0823	10.30	28.00
5	12/28	0830	11.60	35.50
6	12/28	0843	13.80	29.50
7	12/28	0850	16.70	22.90
8	12/28	0858	18.30	22.90
9	12/28	0905	20.20	18.50
10	12/28	0950	21.80	17.50
11	12/28	0955	23.10	11.80
12	12/28	1002	24.70	14.00
13	12/28	1015	29.10	10.00
14	12/28	1025	31.00	9.20
15	12/28	1030	31.40	6.00
16	12/28	1130	36.40	10.00
17	12/28	1150	37.80	7.80
18	12/28	1428	50.00	1.55
19	12/28	1400	50.10	1.50
20	12/28	1245	82.80	0.310
21	12/28	1255	84.20	0.300
22	12/28	1300	84.80	0.410
23	12/28	1330	96.80	0.120
24	12/28	1325	97.60	0.095
25	12/28	1500	122.70	0.070
26	12/28	1450	123.70	0.075
27	12/28	1455	123.90	0.075

FIELD SURVEY PLAN

Radio & Tv Engineering Co.

Station KAFYFrequency 1100 kHzFCC ID # 36027

Radial No. _____

Az 153°T °TTX Location Bakersfield

TX Site:

<u>35</u> °	<u>27</u> '	<u>0.0</u> " N. Lat.	(from FCC Data Base
<u>118</u> °	<u>56</u> '	<u>48.0</u> " W. Long.	NAD-27)

Measured: Day Sunday
Date 12/28/03

Weather:

☒ Clear ☐ Cloudy ☐ Overcast ☐ Rain
X COLDFIM Model No. 41 s/n 882GEO Exp. 3: s/n 102475BOB Receiver: s/n 00614Field Engineer Jim PattersonSupervised by: Norwood J. Patterson
Norwood J. Patterson, REC Engineer