

Thursday, October 14, 2004

KAFY

EDX Amdat File Radial 79.5 °

1100 79.5

12 1

ND ND1

40.4 0.64

64.8 0.125

93.6 0.085

96.6 0.076

105.9 0.07

108.3 0.09

117.9 0.072

124.7 0.07

127.3 0.064

132 0.012

140.6 0.056

143.8 0.049

FIELD STRENGTH MEASUREMENT DATA

Azimuth: N 79.5 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	1200	40.40	0.640
2	1/12	1255	64.80	0.125
3	1/12	1459	93.60	0.085
4	1/12	1512	96.60	0.076
5	1/12	1442	105.90	0.070
6	1/12	1533	108.30	0.090
7	1/10	1428	117.90	0.072
8	1/10	1351	124.70	0.070
9	1/10	1341	127.30	0.064
10	1/10	1302	132.00	0.012
11	1/10	1312	140.60	0.056
12	1/10	1319	143.80	0.049

Thursday, October 14, 2004

FIELD SURVEY PLAN

Radio & Tv Engineering Co.

Station KAFY
Frequency 1100 kHz
FCC ID # _____
Radial No. KAFY #
Az 79.5 °T
TX Location Bakersfield
TX Site:
____ ° _____ ' _____ " N. Lat.
____ ° _____ ' _____ " W. Long.

Measured: Day Monday
Date 1/12/64

Weather:

12:00 PM ☒ 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 G. Ruth

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

FIELD SURVEY PLAN
Radio & Tv Engineering Co.

Station KAFY
Frequency 1100 kHz
FCC ID # _____
Radial No. KAFY #
Az 79.5 °T
TX Location BAKERS FIELD
TX Site: _____
_____' _____" N. Lat.
_____' _____" W. Long.

Measured: Day SATURDAY
Date 1/10/04

Weather:

☒ Clear ☐ Cloudy ☐ Overcast ☐ Rain

FIM Model No. 41 s/n 888

GEO Exp. 3: s/n 0440 102482

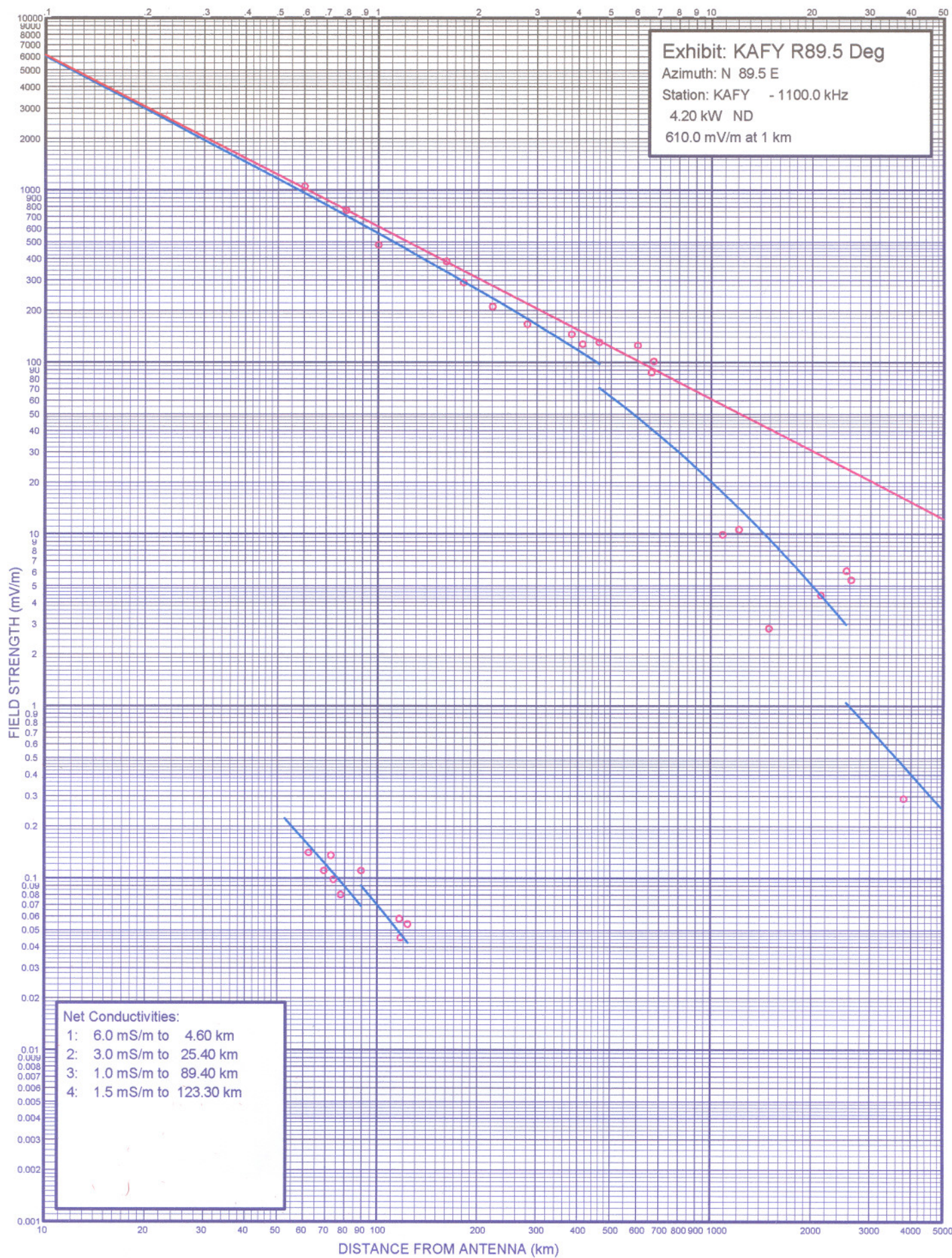
BOB Receiver: s/n 0340000906

Field Engineer

Jeffrey G. Ruth Jeffrey G. Ruth

Supervised by:

Norwood J. Patterson
Norwood J. Patterson, REC Engineer



KAFY,
1100,89.5
29,1
ND,ND1
0.6,1050
0.8,760
1,480
1.6,385
1.8,290
2.2,210
2.8,166
3.8,145
4.1,127
4.6,130
6,125
6.6,87
6.7,101
10.8,9.9
12.1,10.6
14.9,2.82
21.3,4.4
25.43,6.1
26.25,5.4
38,0.29
62.1,0.14
69.1,0.11
72.5,0.135
73.8,0.098
77.6,0.08
89.4,0.11
116.5,0.058
117.4,0.045
123.3,0.054

EDX Amdat File Radial 89.5 °

FIELD STRENGTH MEASUREMENT DATA

Azimuth: N 89.5 E

Call: KAFY

Frequency: 1100.0 kHz

Power: 4.200 kW

Pattern: ND

2000&2004				
Point Number	Date	Time	Distance (km)	Field Strength (mV/m)
-----	-----	-----	-----	-----
1*	4/16/00	1240	0.60	1050.00
2*	4/16	1251	0.80	760.00
3*	4/16	1306	1.00	480.00
4*	4/15	0858	1.60	385.00
5*	4/15	0919	1.80	290.00
6*	4/15	0922	2.20	210.00
7*	4/15	0927	2.80	166.00
8*	4/15	1140	3.80	145.00
9*	4/15	0940	4.10	127.00
10*	4/15	1006	4.60	130.00
11*	4/15	1018	6.00	125.00
12*	4/15	1022	6.60	87.00
13*	4/15	1030	6.70	101.00
14*	4/15	1216	10.80	9.90
15*	4/15	1244	12.10	10.60
16*	4/15	1405	14.90	2.82
17*	4/15	1427	21.30	4.40
18*	4/15	1502	25.43	6.10
19*	4/15	1540	26.25	5.40
20	1/12/04	1146	38.00	0.290
21	1/11	1305	62.10	0.140
22	1/11	1220	69.10	0.110
23	1/11	1200	72.50	0.135
24	1/11	1125	73.80	0.098
25	1/11	1030	77.60	0.080
26	1/11	0800	89.40	0.110
27	1/10	1230	116.50	0.058
28	1/10	1237	117.40	0.045
29	1/10	1213	123.30	0.054

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

Friday, October 15, 2004

TABLE 2

RADIAL 89.5 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	4/16/00	1240	1050.0	4/24/00	810		
2	.80	4/16/00	1251	760.0	4/24/00	815	15.5	.0204
3	1.00	4/16/00	1306	480.0	4/24/00	918	9.9	.0206
4	1.60	4/15/00	858	385.0	4/24/00	927	6.6	.0171
5	1.80	4/15/00	919	290.0	4/24/00	935	5.1	.0176
6	2.20	4/15/00	922	210.0	4/24/00	950	6.9	.0329
7	2.80	4/15/00	927	166.0	4/24/00	959	4.8	.0289
8	3.80	4/15/00	1140	145.0	4/24/00	1147	1.4	.0097
9	4.10	4/15/00	940	127.0	4/24/00	1015	4.9	.0386
10	4.60	4/15/00	1006	130.0	4/24/00	1022	2.55	.0196
11	6.00	4/15/00	1018	125.0	4/24/00	1040	1.9	.0152
12	6.60	4/15/00	1022	87.0	4/24/00	1059	1.2	.0138
13MP	6.70	4/15/00	1030	101.0	4/24/00	1106	4.3	.0426
14	10.80	4/15/00	1216	9.95	4/24/00	1250	.12	.0121
15	12.10	4/15/00	1244	10.6	4/24/00	1319	.14	.0132
16	14.90	4/15/00	1405	2.82	4/24/00	1342	.05	.0177
17	21.30	4/15/00	1427	4.4	4/24/00	1406	.07	.0159
18	25.43	4/15/00	1502	6.1	4/24/00	1515	.14	.0230
19	26.25	4/15/00	1540	5.4	4/24/00	1529	.06	.0111

AVERAGE LOG RATIO = .0152

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

FIELD SURVEY PLAN

Radio & Tv Engineering Co.

Station KAFY
Frequency 1180 kHz
FCC ID # _____
Radial No. KAFY #
Az 89.5 °T
TX Location BAKERS FIELD
TX Site:
____ ° _____ ' _____ " N. Lat.
____ ° _____ ' _____ " W. Long.

Measured: Day SATURDAY
12:00pm Date 11/10/04

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

FIELD SURVEY PLAN

Radio & Tv Engineering Co.

Station KAFY
Frequency 1100 kHz
FCC ID # _____
Radial No. KAFY #
Az 89.5 °T
TX Location Bakersfield
TX Site: _____
____ ° _____ ' _____ " N. Lat.
____ ° _____ ' _____ " W. Long.

Measured: Day Sunday
8:00 AM Date 11/11/04

Weather:

☒ Clear ☐ Cloudy ☐ Overcast ☐ Rain

FIM Model No. 41 s/n 888

GEO Exp. 3: s/n 0440102482

BOB Receiver: s/n 03400000906

Field Engineer Jeffrey G. Ruth

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

FIELD SURVEY PLAN

Radio & Tv Engineering Co.

Station KAFY
Frequency 1100 kHz
FCC ID # _____
Radial No. KAFY #
Az 89.5 °T
TX Location Bakersfield
TX Site: _____
_____' _____" N. Lat.
_____' _____" W. Long.

Measured: Day Monday
Date 1/12/09

Weather:

11:30 AM ☒ 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 G. Rutter

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