

Exhibit 12 North Highlands, CA										
REFERENCE 38 40 22 N 121 19 51 W		CH# 227D - 93.3 MHz, Pwr= 0.019 kw, HAAT=112.9 M, COR= 128 M Average Protected F(50-50)= 7.25 km Ave. F(50-10) 40 dBu= 24.3 54 dBu= 10.2 80 dBu= 2.1 100 dBu= .3							DISPLAY DATES DATA 06-18-03 SEARCH 06-21-03	
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
227D North Highlands	AP227	APP CA	C 0.0 180.0	0.00 BNPFT20030313BPN	38 40 22 121 19 51	0.019 103	128 22.5	6.9 Educational Media Foundati	-29.87*	-29.41*
229B1 Roseville	KXOA	LIC CA	CN 53.8 233.8	12.58 BLH19940615KA	38 44 22 121 12 50	25.000 161	203 0.4	53.6 Infinity Radio Subsidiary	2.08	-41.41*
227D River Pines	K227AH	LIC CA	VN 101.6 281.6	53.84 BLFT19980107TB	38 34 26 120 43 32	0.010 394	811 18.1	11.5 Family Stations, Inc.	8.95	24.26
226L1 Sacramento	AP226	APP CA	194.8 14.8	11.99 BNPL20000608ADW	38 34 06 121 21 58	0.000 -29	0 9.9	0.0 Metro Life Broadcasting	4.98	2.11
226L1 Sacramento	AP226	APP CA	208.9 28.9	15.51 BNPL20000605AHY	38 33 02 121 25 02	0.000 -25	0 10.0	0.0 Calvary Chapel Of Sacramen	8.41	5.51
226L1 Sacramento	AP226	APP CA	205.0 25.0	16.14 BNPL20000605ADO	38 32 28 121 24 34	0.000 -25	0 9.9	0.0 Community Rapport	9.08	6.19
226L1 Sacramento	AP226	APP CA	233.4 53.4	16.47 BNPL20000602AEO	38 35 04 121 28 58	0.000 -20	0 10.2	0.0 People Power Radio	9.23	6.28
226L1 Sacramento	AP226	APP CA	229.7 49.7	16.47 BNPL20000605ABL	38 34 37 121 28 31	0.000 -20	0 10.2	0.0 John M. Payne	9.25	6.31
226L1 Sacramento	AP226	APP CA	233.9 53.9	17.44 BNPL20000607AAY	38 34 49 121 29 34	0.000 -18	0 10.2	0.0 Sacramento Community Cable	10.19	7.24
226L1 Sacramento	AP226	APP CA	214.1 34.1	18.16 BNPL20000605AEV	38 32 15 121 26 53	0.100 4	24 10.0	5.6 Sacramento Acorn Education	3.04	2.48
226L2 Sacramento	AP226	APP CA	225.3 45.3	15.88 BNPL20000605AEU	38 34 20 121 27 38	0.000 -22	0 10.1	0.0 Sutter Middle School	8.70	5.77
225D Elverta	AP225	APP CA	C 287.0 107.0	13.18 BNPFT20030313BPG	38 42 26 121 28 33	0.013 106	133 0.3	6.4 Educational Media Foundati	5.74	6.46
226L1 Sacramento	AP226	APP CA	212.1 32.1	19.41 BNPL20000602AED	38 31 29 121 26 58	0.000 -18	0 10.0	0.0 The Universal Church, Inc.	12.29	9.38
227B San Francisco	KKWV	LIC CA	DEN 213.4 33.4	125.89 BLH19880429KB	37 43 27 122 07 07	50.000 6	268 33.9	36.1 Infinity Broadcasting Corp	3.73	55.82
227L1 Woodland	KYLO-L	LIC CA	273.5 93.5	39.06 BLL20021008ABX	38 41 37 121 46 44	0.100 23	31 24.2	5.6 Holy Rosary Parish	13.26	9.23
226L1 Auburn	AP226	APP CA	39.7 219.7	35.27 BNPL20000605AIF	38 54 59 121 04 13	0.000 -212	0 7.6	0.0 Calvary Chapel Of Auburn,	29.81	27.64
225D Davis	AP225	APP CA	C 254.9 74.9	35.56 BNPFT20030317I JW	38 35 20 121 43 30	0.015 97	100 0.3	6.3 Your Christian Companion N	28.11	28.91
227D Pleasanton, Etc.	KKWVF1	LIC CA	HN 210.4 30.4	101.72 BLFTB19900803TC	37 52 55 121 55 05	0.190 904	1155 23.8	38.0 Infinity Broadcasting Corp	-7.43	40.00
227D Vacaville	AP227	APP CA	DV 251.6 71.6	103.87 BNPFT20030310BEA	38 22 25 122 27 34	0.000 536	725 24.1	0.0 Calvary Chapel Of Twin Fal	96.67	79.75
226B Patterson	KOSO	LIC CA	DCX 173.6 353.6	105.39 BLH20030408ACH	37 43 45 121 11 49	50.000 153	167 13.6	65.5 Capstar Tx Limited Partner	19.93	26.33
227L1 Nevada City	AP227	APP CA	25.2 205.2	78.87 BNPL20000531ACP	39 18 53 120 56 27	0.002 215	1133 19.3	5.1 Steven J. Michelsen Trust	55.29	54.51
228D Vacaville	K228DM	LIC CA	CN 237.6 57.6	69.42 BLFT19940516TE	38 20 13 122 00 08	0.010 164	192 10.2	7.4 Your Christian Companion N	51.60	51.78
227D Truckee	AP227	APP CA	C 58.1 238.1	121.07 BNPFT20030317DWO	39 14 30 120 08 21	0.010 501	2644 17.1	12.6 Eastern Sierra Broadcastin	70.50	91.37
227C Susanville	KJDX	LIC CA	CN 18.0 198.0	208.23 BLH19860716KA	40 27 13 120 34 14	100.000 467	1822 20.4	84.6 Sierra Broadcasting Corpor	13.78	103.21
226D Nevada City	AP226	APP CA	C 26.3 206.3	71.06 BNPFT20030317DNY	39 14 45 120 57 56	0.250 467	1187 8.2	27.9 Educational Media Foundati	21.77	34.93

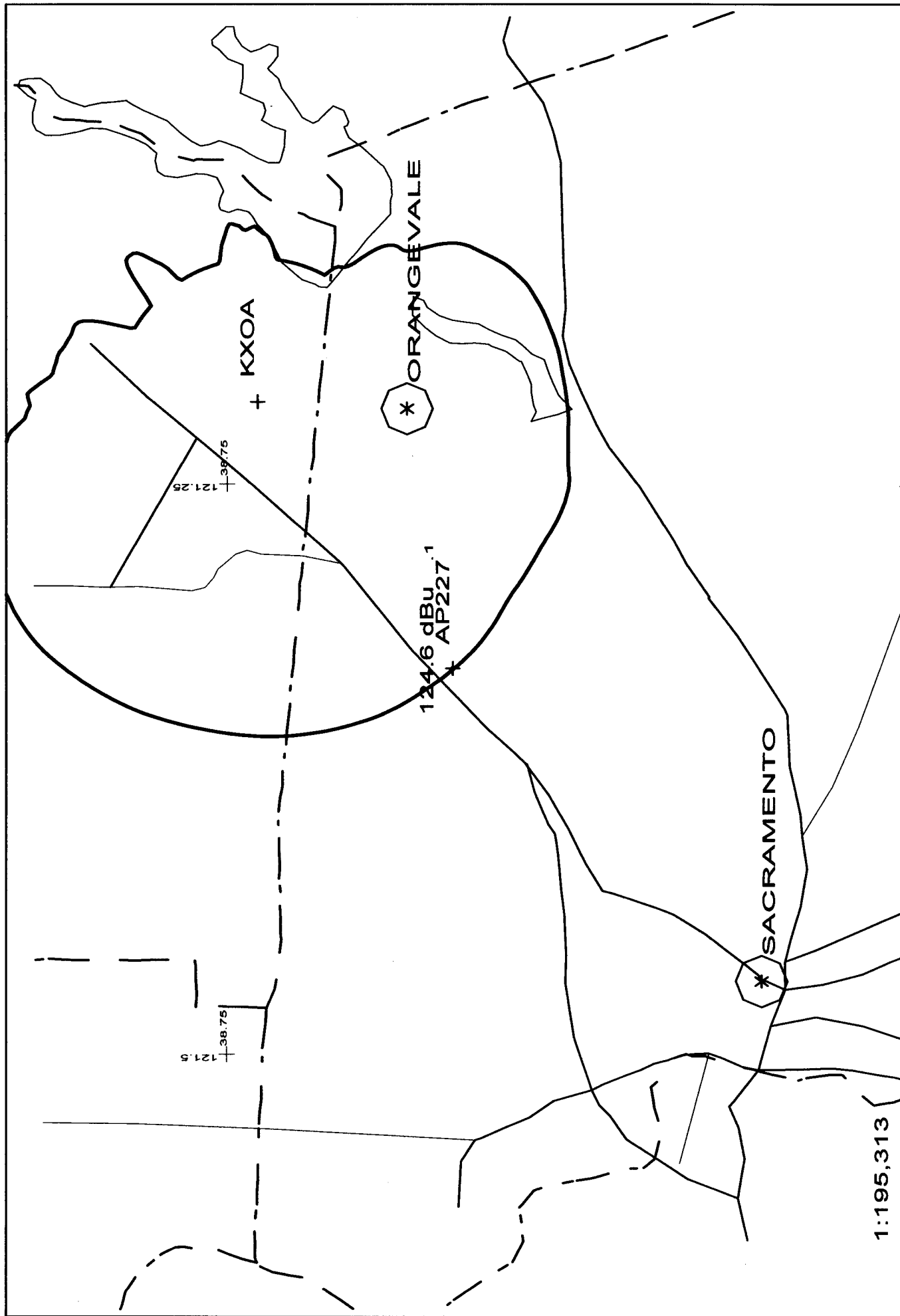
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	Page # 2 *IN* (Overlap in km)	*OUT*
226L1 Gridley	AP226	APP CA	336.0 156.0	84.80 BNPL20000608ADX	39 22 10 121 43 57	0.000 -24	0 9.6	0.0 Three Angels	78.00	75.21 Educational S

"*"Affixed to 'IN' or 'Out' values = site inside protected contour.
 ERP and HAAT are on direct line to and from reference station.

Exhibit 12 (Compliance with CFR 74.1204)

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KXOA, channel 229B1, Roseville, CA. The predicted F(50-50) field strength of KXOA at the proposed translator site is 84.6 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 124.6 dBu. This interfering contour extends less than 18 meters from the proposed transmit antenna, and the area of overlap does not reach the ground.

Therefore, EMF respectfully requests a waiver of C.F.R. 74.1204 based on no population within the area of predicted interference.



1:195,313

Scale in km



AP227 227D .019kW 128M AMSL

N. Lat. 38 40 22 W. Lng. 121 19 51

Exhibit 12A

- 05/03