

Exhibit 12

Tecumseh, KS

REFERENCE
39 00 26 N
95 30 08 W

CH# 221D - 92.1 MHz, Pwr= 0.092 kw, HAAT=159.2 M, COR= 430 M
Average Protected F(50-50)= 12.73 km
Ave. F(50-10) 40 dBu= 42.3 54 dBu= 19.0 80 dBu= 3.8 100 dBu= .7

DISPLAY DATES
DATA 06-18-03
SEARCH 06-23-03

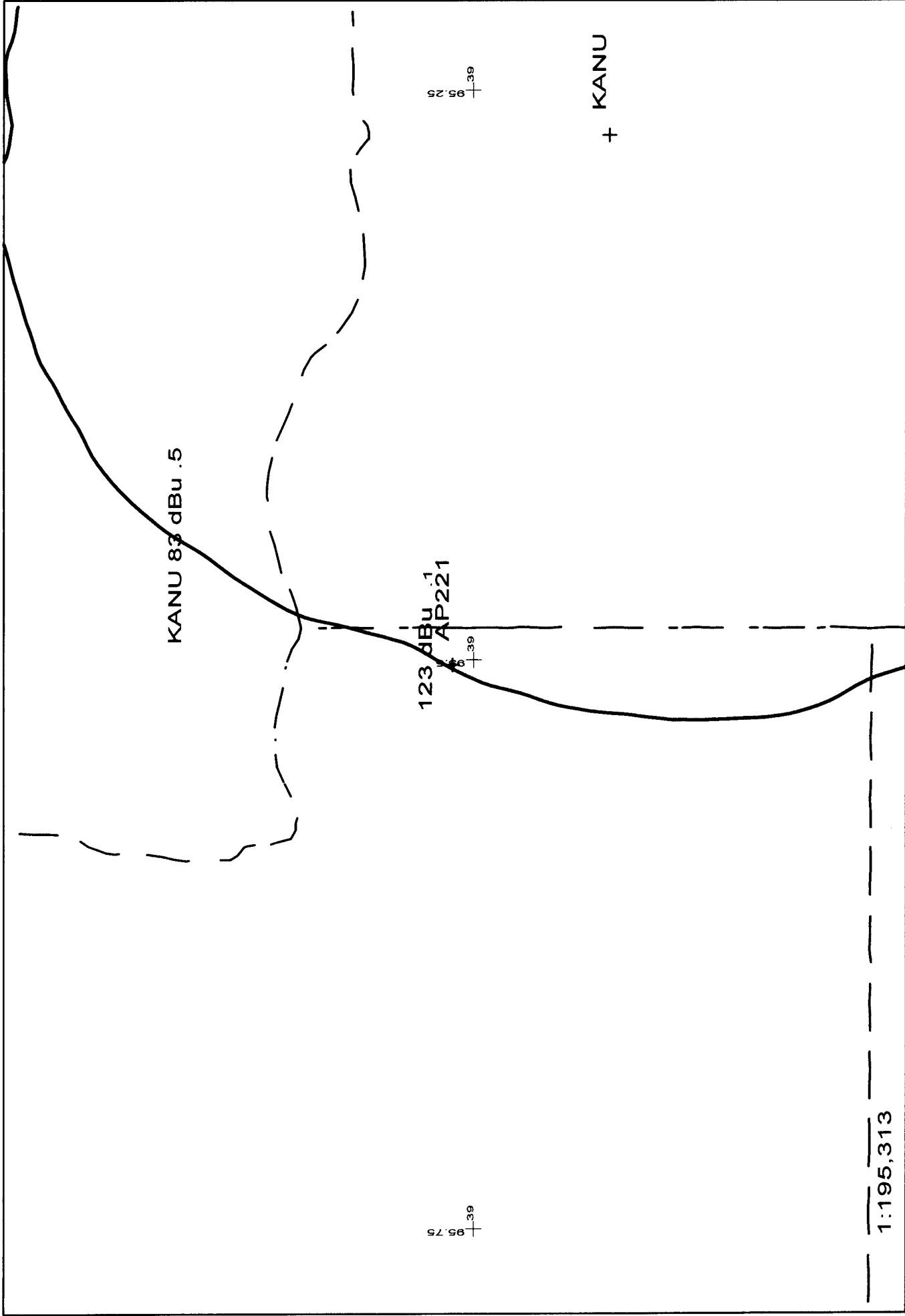
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT* (Overlap in km)
221D Tecumseh	AP221	APP KS	C 0.0 180.0	0.00 BNPFT20030314BDJ	39 00 26 95 30 08	0.092 124	430 40.7	11.2 Educational Media Foundati	-50.10*	-51.88*
218C1 Lawrence	KANU	LIC KS	CN 106.4 286.4	21.00 BLED19920721KA	38 57 14 95 16 11	100.000 184	491 0.7	62.3 University of Kansas	2.18	-41.99*
223C3 Silver Lake	KCVT	LIC KS	CN 292.8 112.8	39.81 BLH19960722KF	39 08 42 95 55 37	6.700 129	417 0.7	32.5 Richard P. Bott, Ii	24.35	6.60
222C3 Olathe	KCCVFM	LIC KS	CN 97.7 277.7	57.53 BLH19951113KA	38 56 10 94 50 41	8.300 188	465 15.2	40.5 Bott Broadcasting Company	-13.02	1.74
221A Seneca	KMZA	LIC KS	CN 333.7 153.7	101.61 BLH19990405KA	39 49 34 96 01 45	4.000 108	500 42.2	26.8 Knza, Inc.	7.12	32.57
220C3 St. Joseph	KSRD.C	CP MO	DCN 26.7 206.7	87.48 BPED19970313MM	39 42 35 95 02 33	9.292 157	435 18.9	38.5 Calvary Chapel Of St. Jose	17.53	30.07
221A Butler	KMOE	LIC MO	CN 129.1 309.1	132.87 BLH19900814KB	38 14 56 94 19 18	4.700 43	298 41.3	17.9 Bates County Broadcasting	51.03	73.68
221D Iola	AP221	APP KS	C 174.4 354.4	117.18 BNPFT20030317FXL	37 57 24 95 22 16	0.115 124	445 38.0	11.8 Radio Assist Ministry Inc.	65.86	67.37
220A Manhattan	KSDBFM	LIC KS	CN 281.4 101.4	90.75 BLED19870504KA	39 09 49 96 31 54	1.400 126	447 17.2	22.6 Kansas State University	45.36	50.96
220A Emporia	KNGM	LIC KS	CN 223.6 43.6	91.39 BLED19870127KA	38 24 35 96 13 30	3.000 84	438 14.8	22.3 Christian Action Team, Inc	47.52	54.24
221D Yates Center	AP221	APP KS	C 189.4 9.4	125.65 BNPFT20030312AER	37 53 25 95 44 10	0.250 78	409 38.5	11.4 Community Broadcasting, In	75.20	75.70
224C2 Savannah	KSJQ	LIC MO	CN 22.5 202.5	116.67 BLH19911003KA	39 58 34 94 58 37	50.000 180	445 0.7	55.6 Eagle Radio, Inc.	97.70	60.37
220A Liberty	KWJC.A	APP MO	DCN 73.8 253.8	97.90 BPED19980717MA	39 14 52 94 24 47	0.713 39	313 17.9	10.6 William Jewell College	71.02	69.41
220A Liberty	KWJC	LIC MO	CN 73.8 253.8	97.90 BLED19810824AA	39 14 52 94 24 47	0.180 39	313 17.9	7.4 William Jewell College	75.19	72.60
221D Cameron	AP221	APP MO	C 52.2 232.2	135.18 BNPFT20030314CCT	39 44 44 94 15 17	0.250 72	376 40.1	11.0 Covenant Network Inc.	85.71	84.05
221D Cameron	AP221	APP MO	C 52.2 232.2	135.18 BNPFT20030317IRS	39 44 44 94 15 17	0.250 72	376 40.1	11.0 Covenant Network	85.71	84.05

***Affixed to 'IN' or 'Out' values = site inside protected contour.
ERP and HAAT are on direct line to and from reference station.
"«" = Station meets FCC minimum distance spacing for its class.

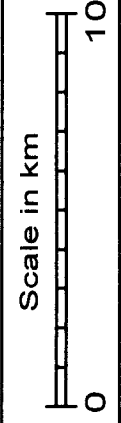
Exhibit 12 (Compliance with CFR 74.1204)

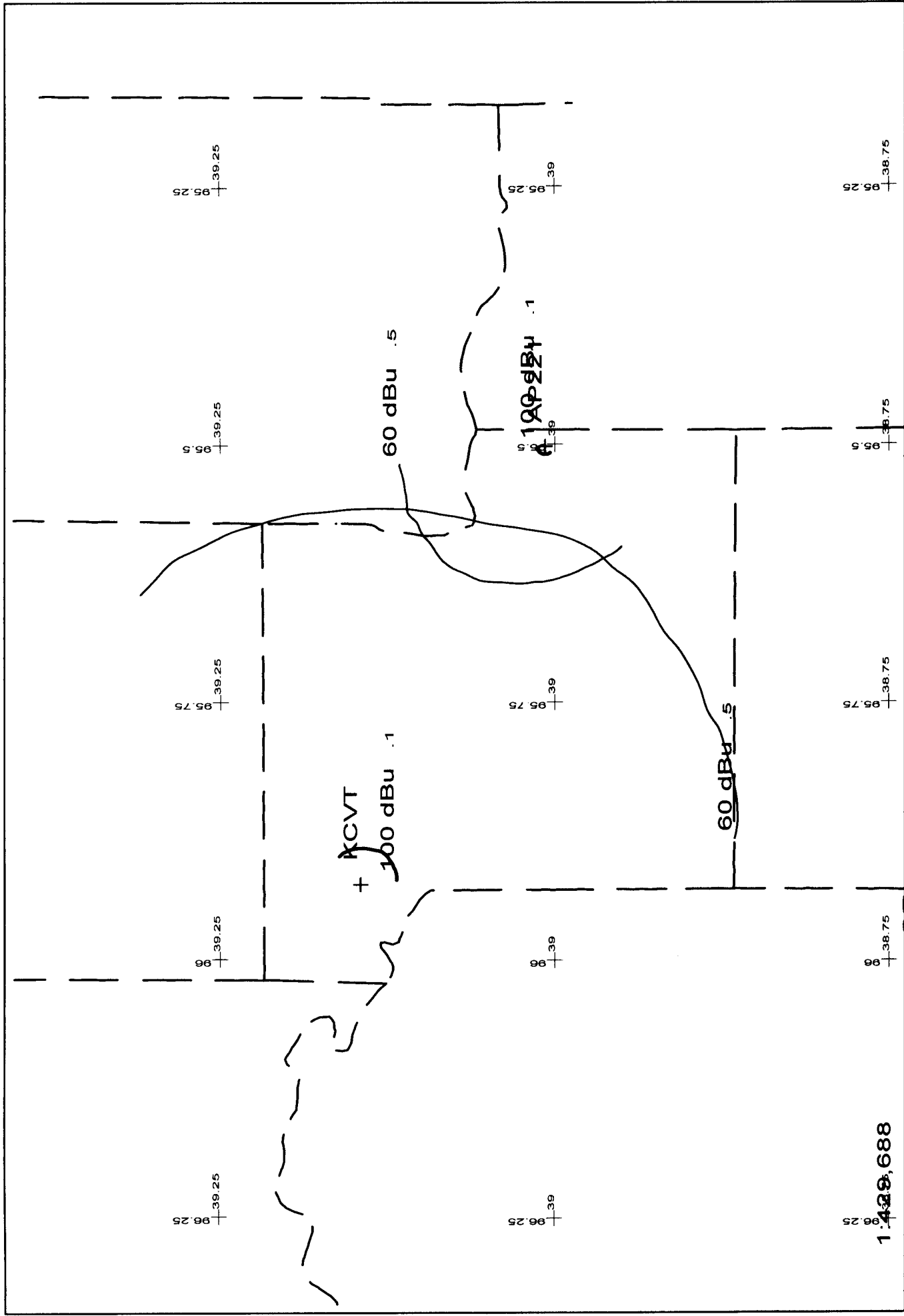
The proposed FM Translator is located within the protected 60 dBu contour of third adjacent channel station KANU, channel 218C1, Lawrence, KS. The predicted F(50-50) field strength of KANU at the proposed translator site is 83 dBu, see Exhibit 12a. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is greater than 123 dBu. This interfering contour extends less than 48 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.



<p>AP221 221D .092kW 430M AMSL</p> <p>N. Lat. 39 00 26 W. Lng. 95 30 08</p>	<p>Exhibit 12A</p> <p>EMF - 05/03</p>
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<p>Scale in km</p>	<p>AP221 221D .092kW 430M AMSL KCVT 223C3 6.7kW 417M AMSL</p>	<p>AP221 vs KCVT EMF - 05/03</p>
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