

Exhibit 12

CEDAREGE, CO

REFERENCE 38 49 04 N 107 56 22 W CH# 267D - 101.3 MHz, Pwr= 0.041 kW, HAAT=244.8 M, COR= 1789 M
 Average Protected F(50-50)= 12.9 km
 Ave. F(50-10) 40 dBu= 43.2 54 dBu= 19.3 80 dBu= 3.4 100 dBu= .4 DISPLAY DATES DATA 07-10-03 SEARCH 07-14-03

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*
264C1 Grand Junction	KMOZFM«	LIC CO	291.9 111.9	75.08 BLH19990415KC	39 04 00 108 44 41	42.000 525	2211 0.4	79.4 Mbc Grand	60.80	-4.72*
265C2 Gunnison	RADD	ADD CO	105.3 285.3	83.30	38 37 00 107 01 00	50.000 -3130	0 0.4	26.5	70.87	56.34
265D Cedaredge, Etc.	K267AH	LIC CO	4.1 184.1	3.34 BLFT19851104TA	38 50 52 107 56 12	0.165 188	1780 0.4	16.1 Educational Media Foundati	-2.03*	-13.21*
266L1 Parachute	KSBP-L	CP CO	9.7 189.7	64.55 BNPL20010118AAV	39 23 27 107 48 48	0.100 -823	1687 6.4	5.6 Ksun Community Radio	52.10	52.54
266D Grand Junction	AP266	APP CO	295.1 115.1	52.49 BNPFT20030317JTN	39 00 58 108 29 20	0.115 28	1553 6.4	5.8 Edgewater Broadcasting Inc	39.72	40.28
266D Grand Junction	AP266	APP CO	295.1 115.1	52.47 BNPFT20030312AUM	39 00 58 108 29 19	0.004 18	1544 6.4	2.5 Educational Communications	44.47	43.56
267D Redlands	AP267	APP CO	291.8 111.8	75.29 BNPFT20030317JTV	39 03 56 108 44 52	0.010 559	2270 14.3	13.2 Edgewater Broadcasting Inc	22.26	47.83
267D Cedaredge, Etc.	K267AH	CP CO	4.1 184.1	3.34 BPFT20030128ADL	38 50 52 107 56 12	0.062 188	1780 14.3	12.6 Educational Media Foundati	-42.73*	-23.51*
267C1 Durango	KIQX	LIC CO	178.9 358.9	172.66 BLH19811102AF	37 15 45 107 54 07	100.000 -78	2390 38.3	31.0 Four Corners Broadcastings	30.40	103.36
267D Gunnison	K267AB	LIC CO	109.7 289.7	95.62 BLFT19940929TK	38 31 24 106 54 25	0.002 120	2640 35.0	4.2 Woodland Communications Co	71.83	56.45
267C Durango	KIQX.C«	CP CO	175.4 355.4	162.01 BPH19990219IG	37 21 46 107 47 37	30.000 810	3027 37.5	86.8 Four Corners Broadcastings	-32.30	37.73
268L1 Grand Junction	CP268	CP CO	299.0 119.0	61.23 BNPL20010119ADZ	39 04 58 108 33 32	0.100 -30	1443 6.4	5.6 Victorious Living Radio	48.78	49.22
268C Eagle	RDEL	DEL CO	43.4 223.4	141.85	39 44 18 106 47 58	100.000 -2186	0 6.4	31.0	78.32	104.51
268L1 Clifton	AP268	APP CO	299.0 119.0	61.23 BNPL20010119ADZ	39 04 58 108 33 32	0.000 -1473	0 6.4	0.0 Victorious Living Radio	56.77	54.86
268C Eagle	KTUN	LIC CO	43.4 223.4	141.85 BLH19840427DO	39 44 18 106 47 58	37.000 985	3171 6.4	93.6 Salisbury Broadcasting Col	1.17	41.89
268C Eagle	RDEL	DEL CO	43.4 223.4	141.85	39 44 18 106 47 58	100.000 -2186	0 6.4	31.0	78.32	104.51
269D Ridgeway	AP269	APP CO	167.6 347.6	75.72 BNPFT20030310AVJ	38 09 06 107 45 09	0.034 -119	2143 0.4	4.3 Calvary Chapel of Twin Fal	64.49	71.01
269C1 Eagle	RADD	ADD CO	40.2 220.2	137.09	39 45 15 106 54 13	100.000 -2261	0 0.4	31.0	129.47	105.67
269C1 Eagle	KTUN.A	APP CO	43.4 223.4	141.85 BPH20020813ABK	39 44 18 106 47 58	11.800 985	3171 0.4	81.0 Salisbury Broadcasting Col	130.49	60.40
269D Redlands	AP269	APP CO	291.8 111.8	75.29 BNPFT20030317FRO	39 03 56 108 44 52	0.010 559	2270 0.4	13.2 Radio Assist Ministry, Inc	70.60	61.65
269C1 Eagle	RADD	ADD CO	40.2 220.2	137.09	39 45 15 106 54 13	100.000 -2261	0 0.4	31.0	129.47	105.67
270D Battlement Mesa	AP270	APP CO	355.6 175.6	69.06 BNPFT20030317KFQ	39 26 17 108 00 03	0.250 -575	1844 0.4	7.1 Professional Antenna, Towe	63.49	61.52
270C2 Olathe	ALLO	VAC CO	188.8 8.8	23.90 RM9438	38 36 18 107 58 54	50.000 -1606	0 0.4	26.5	9.28	-3.06*
270D Grand Junction	AP270	APP CO	295.1 115.1	52.49 BNPFT20030317CWR	39 00 58 108 29 20	0.115 28	1553 0.4	5.8 Radio Assist Ministry Inc.	47.27	46.20

***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 second adjacent channel station KMOZ, channel 264C1, Grand Junction, CO. The predicted F(50-50) field strength of KMOZ at the proposed translator site is 61.7 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 101.7 dBu. This interfering contour extends less than 369 meters from the proposed transmit antenna, and the area of overlap is unpopulated.

Two factors have been investigated to determine this absence of population:

- 1) Computer software which uses the centroid method of determining population centers, based on the 2000 census data, has determined that there are no persons within the area of overlap.
- 2) Examination of the USGS topographic map reveals no regularly occupied structures within the area of overlap.

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

KMOZ 61.7 dBu .5

Delta

101.7 dBu .1
K267AH

108 +38.75

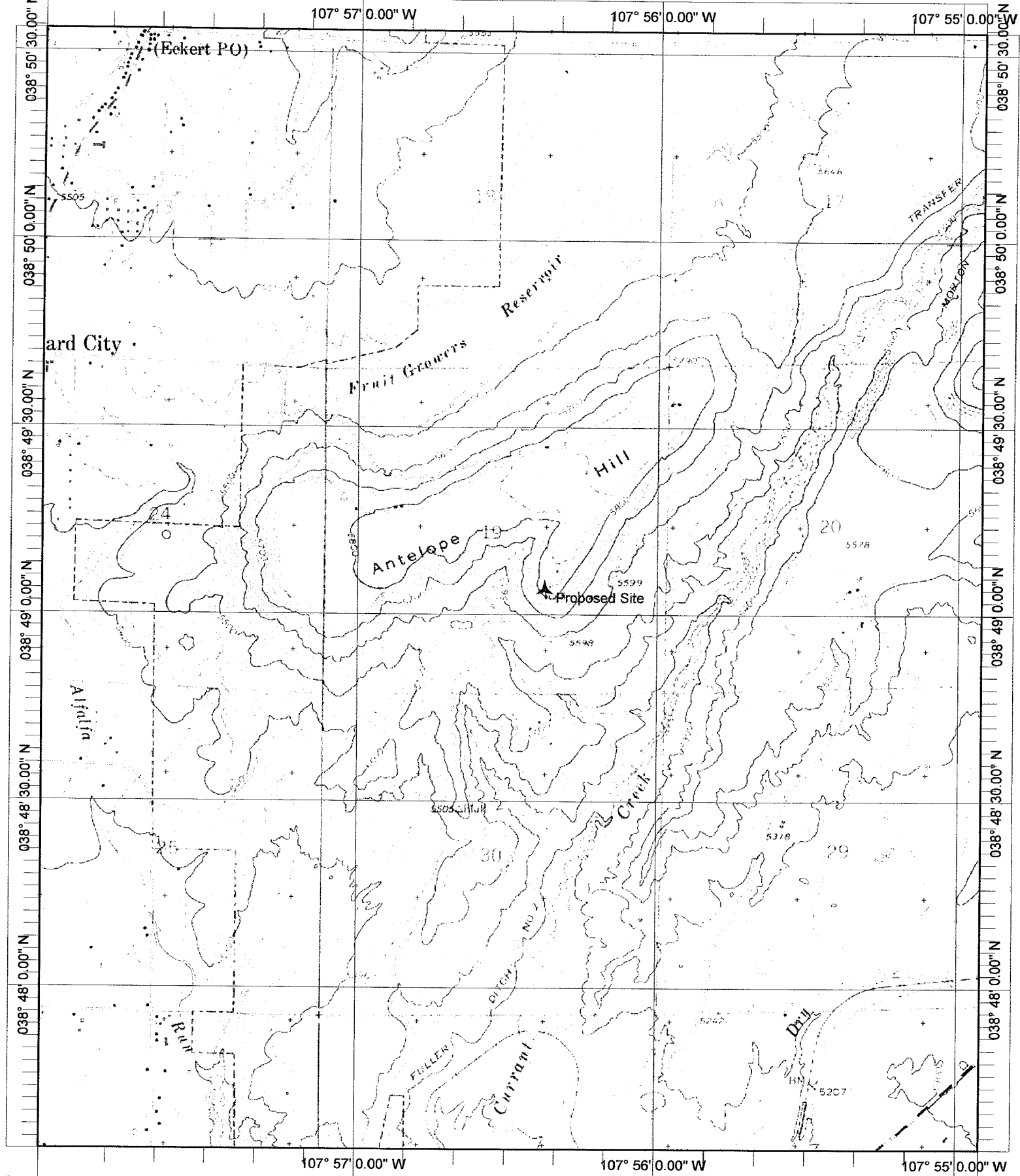
107.75 +38.75

95,343

le in km

10

K267AH 267D .041
N. Lat



Name: ORCHARD CITY
Date: 7/11/2003
Scale: 1 inch equals 2000 feet

Location: 38° 49' 03.9" N 107° 56' 29.3" W
Caption: Exhibit 12
Proposed site at
38-49-04 / 107-56-22