

Exhibit 12 Eagle, CO											
CH# 215D - 90.9 MHz, Pwr= 0.05 kW, HAAT=142.5 M, COR= 2146 M Average Protected F(50-50)= 10.35 km										DISPLAY DATES DATA 03-16-06 SEARCH 03-17-06	
REFERENCE 39 38 39 N. 106 51 35 W.		Ave. F(50-10) 40 dBu= 34.8 54 dBu= 14.5 80 dBu= 3.0 100 dBu= .5									
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap	*OUT* in km)	
215D Eagle	K217DB	CP CO	C 0.0 180.0	0.00 BPFT20051110ABA	39 38 39 106 51 35	0.050 -590	2146 15.0	4.7 Educational Media Foundati	-19.72*	-19.72*	
215D Vail, Etc.	K215BV	LIC CO	DN 94.9 274.9	35.39 BLFT19940223TA	39 36 58 106 26 57	0.044 284	2731 47.0	14.1 Educational Media Foundati	-16.30	6.23	
215D Thomasville	K215BC	LIC CO	HN 154.9 334.9	35.68 BLFT19890224TH	39 21 12 106 41 00	0.019 -421	2651 11.9	3.7 Pitkin County Translator D	19.11	16.97	
217C3 Gypsum	KLRY	LIC CO	CX 4.7 184.7	14.58 BLED20051109AAM	39 46 30 106 50 45	0.110 1023	3361 0.7	35.1 Educational Media Foundati	9.13	-21.06*	
215D Vail, Etc.	K215BV	CP CO	DC 95.7 275.7	43.20 BPFT20041112ABR	39 36 17 106 21 33	0.009 894	3455 59.1	15.6 Educational Media Foundati	-20.56	12.58	
215A Leadville	KTOL.C	CP CO	HX 133.3 313.3	66.26 BMPED20051128AAS	39 14 05 106 17 59	0.450 -175	3080 27.7	8.3 Educational Communications	33.84	42.99	
215D Snowmass Village	K215AC	LIC CO	DV 185.1 5.1	47.41 BLFT20020614AAT	39 13 08 106 54 33	0.000 64	2651 0.0	0.0 Roaring Fork Public Radio,	42.70	32.40	
215D Redstone	K215BD	CP CO	DH 214.4 34.4	54.51 BPFT20051212ABO	39 14 20 107 13 02	0.000 -82	2641 0.0	0.0 Pitkin County Translator D	49.80	39.50	
215D Redstone	K215BD	LIC CO	HN 214.9 34.9	54.92 BLFT19890224TI	39 14 18 107 13 28	0.019 -95	2573 11.9	3.7 Pitkin County Translator D	38.35	36.21	
217D Eagle	K217DB	LIC CO	VN 0.0 180.0	0.00 BLFT19990204TH	39 38 39 106 51 35	0.092 -590	2146 0.7	5.5 Educational Media Foundati	-5.38*	-6.01*	
213C2 Carbondale	KVOV	LIC CO	DCX 240.3 60.3	50.46 BLED20040913AAA	39 25 08 107 22 10	0.389 1137	3227 1.4	49.1 Public Broadcasting Of Col	44.37	0.87	
215D Dillon	K215BZ	LIC CO	VN 92.6 272.6	68.12 BLFT19970121TD	39 36 50 106 04 02	0.082 -465	2864 17.5	5.4 Educational Media Foundati	45.88	47.75	
218A Aspen	KAJX	LIC CO	DEN 174.5 354.5	49.91 BLED19910514KC	39 11 48 106 48 14	0.014 -252	2670 0.3	3.4 Roaring Fork Public Radio	44.94	45.99	
215A Paonia	KVNF	LIC CO	CX 219.1 39.1	109.94 BLED20050826AAJ	38 52 28 107 39 40	2.600 -254	2120 50.4	12.8 North Fork Valley Public R	54.81	82.15	
216D Cardiff	K216ES	LIC CO	C 253.5 73.5	43.21 BLFT20020501AAK	39 31 58 107 20 30	0.014 -10	2283 4.8	3.4 Make A Difference Foundati	33.65	33.09	
216D Aspen	K216BF	LIC CO	HN 175.1 355.1	47.14 BLFT19890224TJ	39 13 16 106 48 47	0.019 319	3185 17.9	12.2 Pitkin County Translator D	24.58	28.20	
212A Frisco	KTDX.C	CP CO	CX 102.7 282.7	73.28 BMPED20050726AFS	39 29 47 106 01 43	0.400 -96	3228 1.4	8.0 Educational Communications	67.17	64.78	
216C0 Morrison	KLDV.C	CP CO	CX 91.5 271.5	141.76 BPED20040315ACB	39 36 00 105 12 35	100.000 54	2448 70.1	40.3 Educational Media Foundati	66.93	94.76	
215D Craig	K215BS	LIC CO	DCN 328.3 148.3	120.54 BLFT19920303TC	40 33 51 107 36 37	0.041 349	2292 51.4	15.4 Educational Media Foundati	64.44	90.10	
215D Craig	K215BS	CP CO	DC 328.2 148.2	120.57 BMPFT20060118ADJ	40 33 50 107 36 41	0.044 347	2290 52.0	15.7 Educational Media Foundati	63.86	89.89	
214D Steamboat Springs	K214AK	LIC CO	DHN 9.8 189.8	80.06 BLFT19870803TD	40 21 16 106 41 55	0.000 343	3236 0.0	0.0 Trustees Of The Univ Of No	75.35	73.36	
214D Walden	K214AW	LIC CO	DHN 9.8 189.8	80.06 BLFT19890321TE	40 21 16 106 41 55	0.000 343	3236 0.0	0.0 Community Radio For Northe	75.35	73.36	
06NT Meeker, Etc.	K06JJ	LI CO	DHN 296.2 116.2	102.03 BLTTV5080	40 02 35 107 56 01	0.011 312	2330 2.2	22.3 Rio Blanco County Tv Assoc	134.0R	-32.0M	
06NT East Elk Creek	K06JS	LI CO	DHN 266.5 86.5	59.94 BLTTV19800513IC	39 36 32 107 33 23	0.000 -338	1992 2.4	0.0 Garfield County	134.0R	-74.1M	
06NT Divide Creek, Etc.	K06GW	LI CO	DHN 266.4 86.4	67.75 BLTTV19811019IG	39 36 11 107 38 49	0.000 533	2602 2.4	0.0 Rocky Mountain Public Broa	134.0R	-66.3M	

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* (in km)
06NT Aspen	K06HU	LI CO	DHN 177.2 357.2	46.50 BLTTTV4032	39 13 33 106 50 00	0.012 35	2767 2.2	7.5 Pitkin County	134.0R	-87.5M Translator D
06NT Cimarron	K06AM	LI CO	DHN 199.7 19.7	147.12 BLTTTV4861	38 23 44 107 25 44	0.000 93	2794 2.2	0.0 Gunnison County	134.0R	13.1M Metropolit
06NT Craig	K06CI	LI CO	HN 329.1 149.1	114.21 BLTTTV507	40 31 27 107 33 11	0.008 -95	1999 2.2	6.3 Moffat County	134.0R	-19.8M
06NT Hayden	K06CE	LI CO	DHN 339.2 159.2	104.28 BLTTTV589	40 31 16 107 17 51	0.072 151	2228 2.2	24.6 Yampa Valley Tv	134.0R	-29.7M Associatio
06NT Gunnison	K06HN	LI CO	DHN 181.8 1.8	124.46 BLTTTV198210221E	38 31 25 106 54 20	0.008 149	2638 2.2	14.1 Gunnison County	134.0R	-9.5M Metropolit
06NT Collbran	K06KJ	LI CO	DHN 244.8 64.8	105.13 BLTTTV19941219JG	39 14 15 107 57 45	0.000 -294	1863 2.4	0.0 Mesa County	134.0R	-28.9M
06NT Paonia	K06HZ	LI CO	DHN 219.1 39.1	109.63 BLTTTV4112	38 52 34 107 39 29	0.041 -293	2080 2.2	9.7 Hoak Media Of Colorado	134.0R	-24.4M Lic
06NT Redstone, Etc.	K06CK	LI CO	DHN 214.9 34.9	54.92 BLTTTV5026	39 14 18 107 13 28	0.113 -130	2538 2.2	12.4 Pitkin County	134.0R	-79.1M Translator D
06NT Salida, Etc.	K06HF	LI CO	DHN 150.1 330.1	115.20 BLTTTV19780731JJ	38 44 37 106 11 50	0.002 56	3298 2.2	6.1 Chaffee County	134.0R	-18.8M Tv Translat
06NT Steamboat Springs	K06CF	LI CO	DHN 0.4 180.4	90.59 BLTTTV523	40 27 36 106 51 10	0.002 338	2505 2.2	15.1 Yampa Valley Tv	134.0R	-43.4M Associatio
06NT Sargents	K06NG	LI CO	D N 164.3 344.3	144.50 BLTTTV20041115AAA	38 23 26 106 24 39	0.001 -111	2823 2.2	3.7 Gunnison County	134.0R	10.5M Metropolit
06+T Glenwood Springs	K06LX	LI CO	DHN 253.7 73.7	39.40 BLTTTV198806131B	39 32 38 107 17 59	0.000 54	2459 2.2	0.0 Rocky Mountain Public Broa	134.0R	-94.6M
06NT Oak Creek, Etc.	K06CH	LI CO	DHN 353.2 173.2	68.28 BLTTTV590	40 15 17 106 57 20	0.002 41	2473 2.2	5.2 Yampa Valley Tv	134.0R	-65.7M Associatio
06+2C Durango	KREZTV	LI CO	HN 199.2 19.2	279.49 BLCT19851107KJ	37 15 46 107 53 58	6.170 267	2391 2.2	71.8 Lin Of Colorado, Lic	134.0R	145.5M
06Z2C Vernal	KBCJ	CP UT	HN 292.9 112.9	210.53 BPCT19960919KG	40 21 22 109 08 41	83.200 658	2541 2.2	129.1 Vernal Broadcasting, Inc.	134.0R	76.5M
06Z2C Vernal	KBCJ	AP UT	HN 292.8 112.8	261.63 BMPCT20001004AEE	40 31 15 109 42 25	2.000 839	2638 2.2	90.7 Vernal Broadcasting, Inc.	134.0R	127.6M
06+2C Vernal	KBCJ	AP UT	DHY 292.9 112.9	210.53 BMPCT20050915ADU	40 21 22 109 08 41	61.170 658	2541 2.2	125.0 Vernal Broadcasting, Inc.	134.0R	76.5M
06-2E Denver	KRMATV	LI CO	HY 85.5 265.5	138.42 BLET19950504KE	39 43 49 105 15 00	100.000 22	2349 2.2	59.0 Rocky Mountain Public Broa	134.0R	4.4M
06-2E Denver	KRMATV	CP CO	DCY 88.1 268.1	141.02 BPET19990107KE	39 40 25 105 13 01	0.000 41	2363 2.2	0.0 Rocky Mountain Public Broa	134.0R	7.0M

ERP and HAAT are on direct line to and from reference station.  
 • affixed to TV6 Margin= no direct-line contour overlap.  
 "\*\*\*affixed to 'IN' or 'Out' values = site inside protected contour.

Tower ID: 1045389

Coordinates (NAD27): 39-38-39.05 N, 106-51-34.85 W

Coordinates (NAD83): 39-38-39 N, 106-51-37 W

Status: Constructed

Structure Type: TOWER

Action Date: 07/16/2005

Construction Date: 12/01/1997

Location: EAST BEACON ELECTRONIC SITE, 3.1 KM SW OF EAGLE, EAGLE, CO

Height (AG): 15.20 m, Elevation: 2134.00 m, Structure Height: 15.20 m

Circular Number:

FAA Number: 97-ANM-0528-OE    FAA Chapter: NONE

Owner: COLORADO CHRISTIAN UNIVERSITY

Address:

AL STEWART

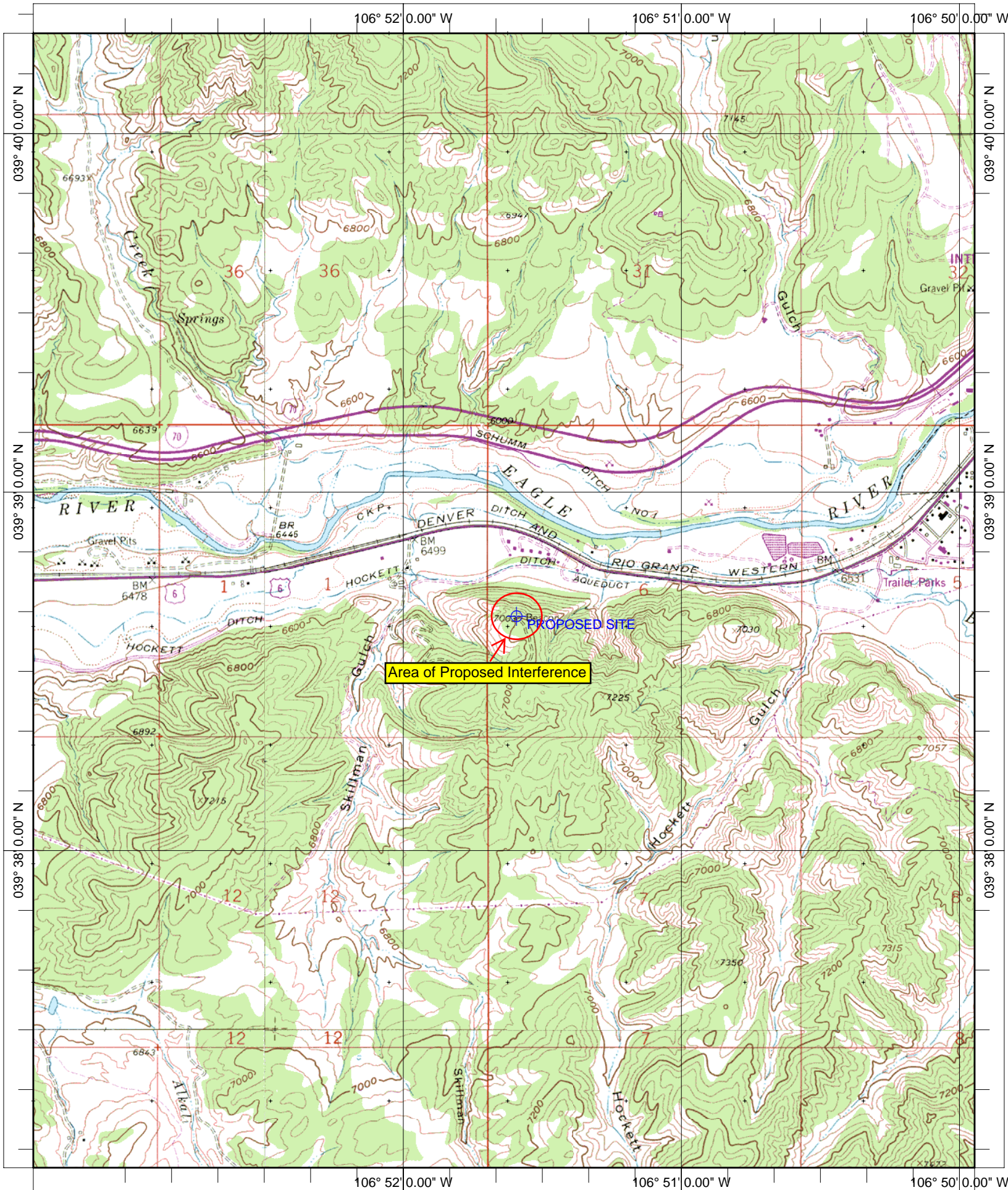
16075 WEST BELLEVIEW AVENUE

MORRISON, CO 80465

Phone: (303) 697-5924

Internet Address: KWBI@AOL.COM

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Name: EAGLE  
Date: 8/25/2005  
Scale: 1 inch equals 2000 feet

Location: 039° 38' 41.8" N 106° 51' 38.2" W  
Caption: Exhibit 12  
Site at 39-38-39 / 106-51-35

## **Exhibit 12 (Compliance with CFR 74.1204)**

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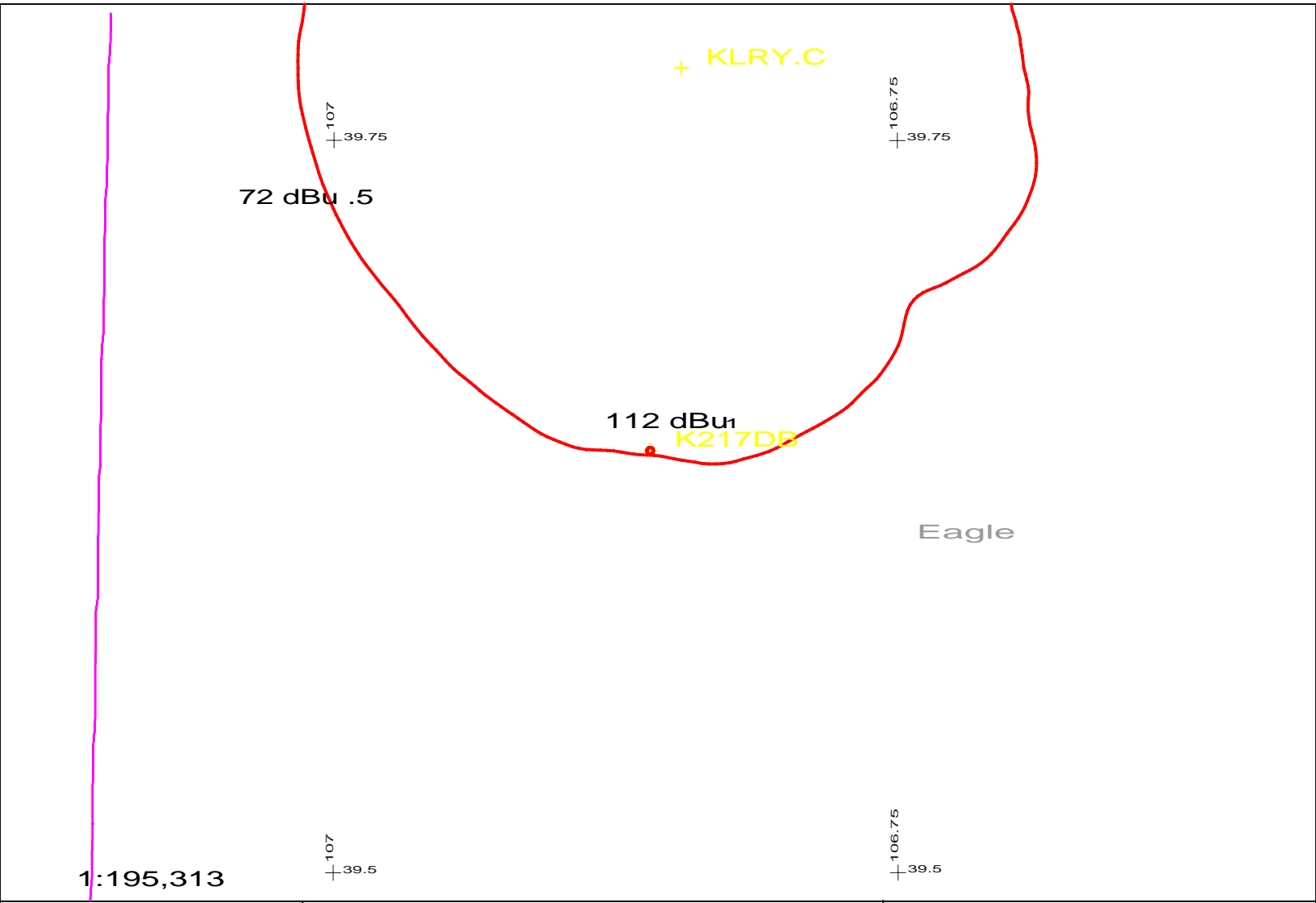
The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KLRV.C, channel 217C3, Gypsum, CO. The predicted F(50-50) field strength of KLRV.C at the proposed translator site is 72 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 112 dBu. This interfering contour extends less than 124 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.

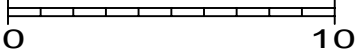
2) Examination of the USGS topographic map reveals no regularly occupied structures within the area of overlap.

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



1:195,313

Scale in km



K217DB 215D .05kW 2146M AMSE	Exhibit 12A
N. Lat. 39 38 39 W. Lng. 106 51 35	EMF - 10/05