

Exhibit 12
Vail, CO

REFERENCE CH# 215D - 90.9 MHz, Pwr= 0.01 kW, HAAT=0.0 M, COR= 3455 M DISPLAY DATES
39 36 17 N Average Protected F(50-50)= 3.15 km DATA 03-12-05
106 21 33 W Ave. F(50-10) 40 dBu= 10.2 54 dBu= 4.4 80 dBu= 1.6 100 dBu= .2 SEARCH 03-15-05

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*
215D Vail, Etc.	K215BV	APP DC CO	0.0 180.0	0.00 BFPT20041112ABR	39 36 17 106 21 33	0.000 475	3455 0.0	0.0 Educational Media Foundati	-10.71*	-35.95
215D Vail, Etc.	K215BV	LIC DVN CO	279.4 99.4	7.83 BLFT19940223TA	39 36 58 106 26 57	0.075 -444	2731 17.1	5.2 Educational Media Foundati	-25.87*	-59.54
215D Dillon	K215BZ	LIC VN CO	87.6 267.6	25.09 BLFT19970121TD	39 36 50 106 04 02	0.082 -555	2864 17.5	5.4 Educational Media Foundati	0.64	-3.51
215D Thomasville	K215BC	LIC HN CO	225.0 45.0	39.46 BLFT19890224TH	39 21 12 106 41 00	0.019 -659	2651 11.9	3.7 Pitkin County Translator D	14.01	-14.26
217C3 Gypsum	KLRY.C	CP CN CO	281.8 101.8	27.91 BPED19980417MC	39 39 20 106 40 39	0.800 555	2843 1.9	40.8 Educational Media Foundati	9.23	-13.16*
216C Morrison	KLDV	LIC DCN CO	89.9 269.9	98.73 BLED19860908KB	39 36 00 105 12 35	60.294 49	2448 59.6	34.6 Educational Media Foundati	32.30	54.44
212A Frisco	990903	CP CX CO	84.4 264.4	23.96 BPED19990903MA	39 37 31 106 04 53	0.400 -547	2817 1.4	8.0 Educational Communications	14.48	15.74
215D Snowmass Village	K215AC	LIC DV CO	227.9 47.9	63.86 BLFT20020614AAT	39 13 08 106 54 33	0.000 -168	2651 0.0	0.0 Roaring Fork Public Radio,	51.49	19.94
216C0 Morrison	KLDV.A	APP EX CO	89.9 269.9	98.73 BPED20040315ACB	39 36 00 105 12 35	100.000 49	2448 68.4	38.6 Educational Media Foundati	23.44	50.46
216C0 Morrison	KLDV.A	APP CX CO	89.9 269.9	98.73 BPED20040315ACB	39 36 00 105 12 35	100.000 49	2448 68.4	38.6 Educational Media Foundati	23.44	50.46
214A Leadville	990329	APP CN CO	158.0 338.0	40.80 BPED19990329MC	39 15 51 106 10 52	0.100 603	4025 40.1	25.9 Trustees Of The Un Of Nort	-8.57	1.94
218A Leadville	990903	CP CX CO	171.6 351.6	39.93 BPED19990903MB	39 14 56 106 17 30	0.300 -82	3102 1.2	7.4 Educational Communications	27.81	32.29
215D Redstone	K215BD	APP V CO	241.4 61.4	84.32 BPFT20040406ABO	39 14 20 107 13 02	0.010 -404	2641 10.2	3.2 Pitkin County Translator D	62.63	41.60
215D Redstone	K215BD	LIC HN CO	241.5 61.5	84.89 BLFT19890224TI	39 14 18 107 13 28	0.019 -493	2573 11.9	3.7 Pitkin County Translator D	61.41	41.15
218A Aspen	KAJX	LIC DEN CO	220.2 40.2	59.33 BLED19910514KC	39 11 48 106 48 14	0.023 -491	2670 0.3	3.9 Roaring Fork Public Radio	45.26	55.24
213C2 Carbondale	KVOV.C	CP DCN CO	256.9 76.9	89.30 BPED20031126ASI	39 25 08 107 22 10	0.358 1131	3227 1.3	48.2 Public Broadcasting Of Col	74.83	40.89
217D Eagle	K217DB	LIC VN CO	276.0 96.0	43.20 BLFT19990204TH	39 38 39 106 51 35	0.092 -183	2146 0.7	5.5 Educational Media Foundati	26.28	37.46
216D Aspen	K216BF	LIC HN CO	222.6 42.6	57.81 BLFT19890224TJ	39 13 16 106 48 47	0.019 32	3185 5.4	3.8 Pitkin County Translator D	38.12	31.44
216D Cardiff	K216ES	LIC C CO	264.9 84.9	84.80 BLFT20020501AAK	39 31 58 107 20 30	0.014 -313	2283 4.8	3.4 Make A Difference Foundati	65.03	57.63
214D Walden	K214AW	LIC DHN CO	341.0 161.0	88.15 BLFT19890321TE	40 21 16 106 41 55	0.000 293	3236 0.0	0.0 Community Radio For Northe	75.16	68.03
214D Steamboat Springs	K214AK	LIC DHN CO	341.0 161.0	88.15 BLFT19870803TD	40 21 16 106 41 55	0.000 293	3236 0.0	0.0 Trustees Of The Univ Of No	75.16	68.03
06-2E Denver	KRMATV	LI HY CO	81.3 261.3	96.19 BLET19950504KE	39 43 49 105 15 00	100.000 21	2349	59.0 To Grd B=	37.17	Rocky Mountain Public Broa

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

Exhibit 12 (Compliance with CFR 74.1204)

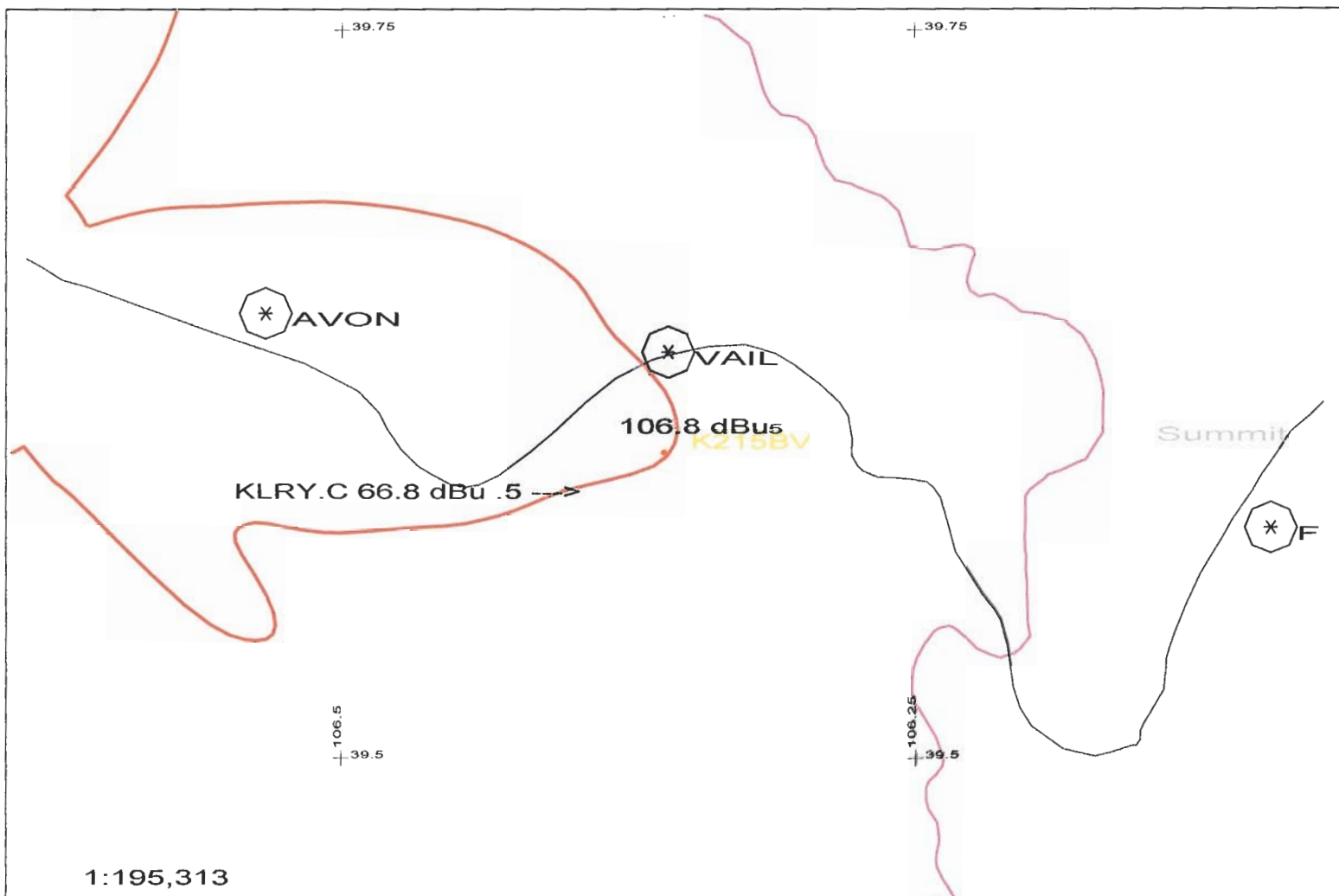
The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KLRV.C, channel 217C3, Gypsum, CO. The predicted F(50-50) field strength of KLRV.C at the proposed translator site is 66.8 dBu, see Exhibit 12A. Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 106.8.dBu. This interfering contour extends less than 332 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.

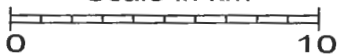
2) Examination of the USGS topographic map reveals no regularly occupied structures within the area of overlap.

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

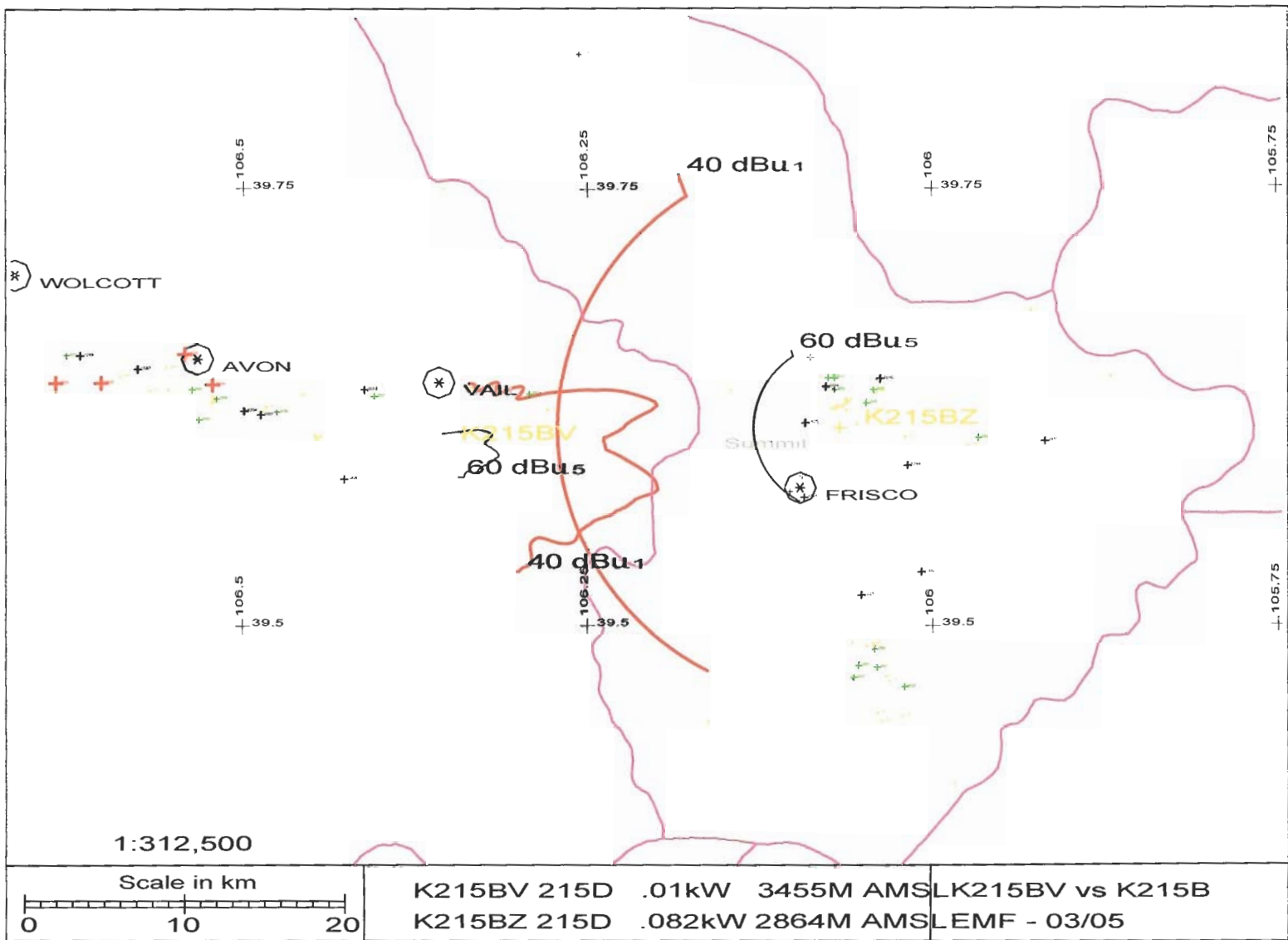


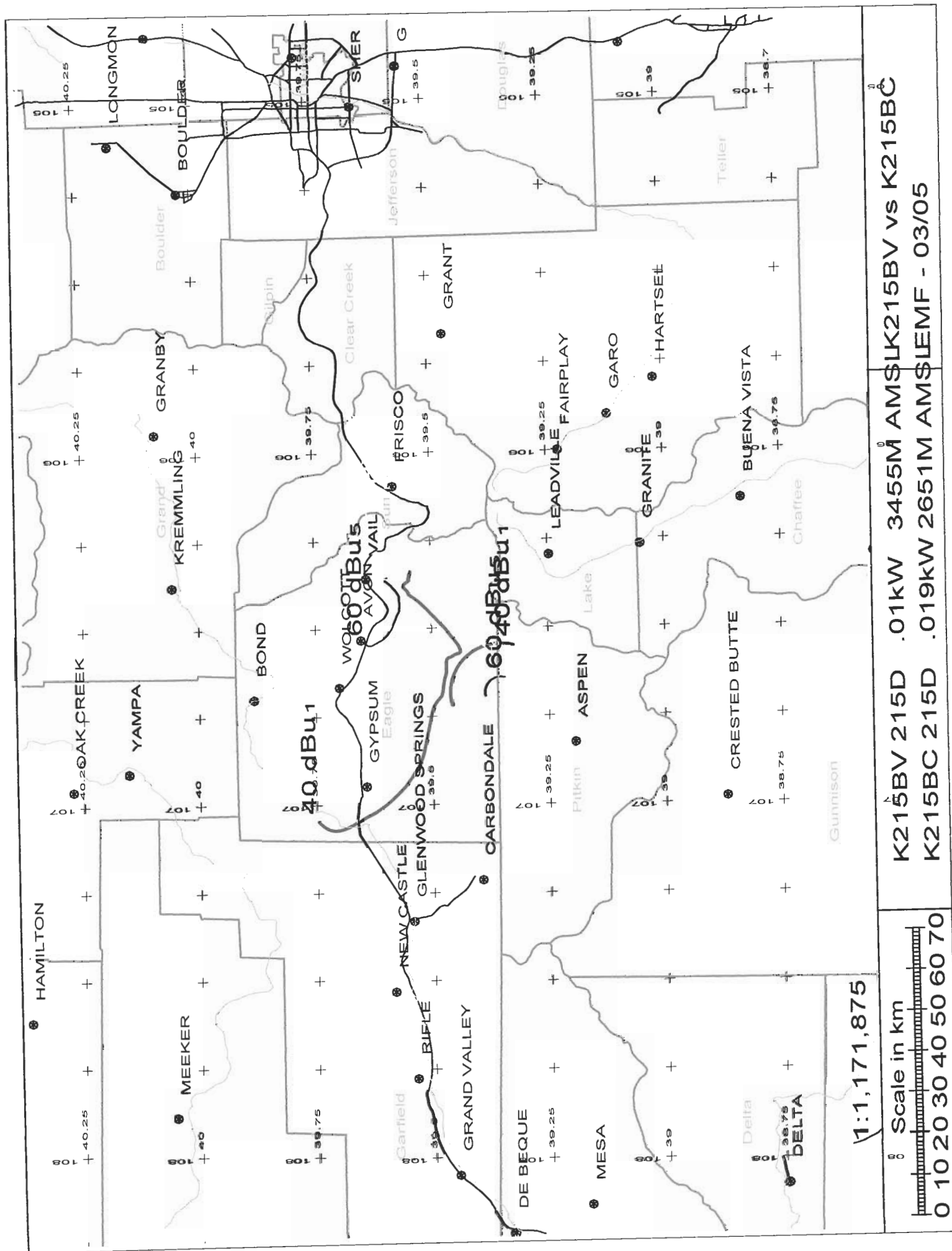
1:195,313

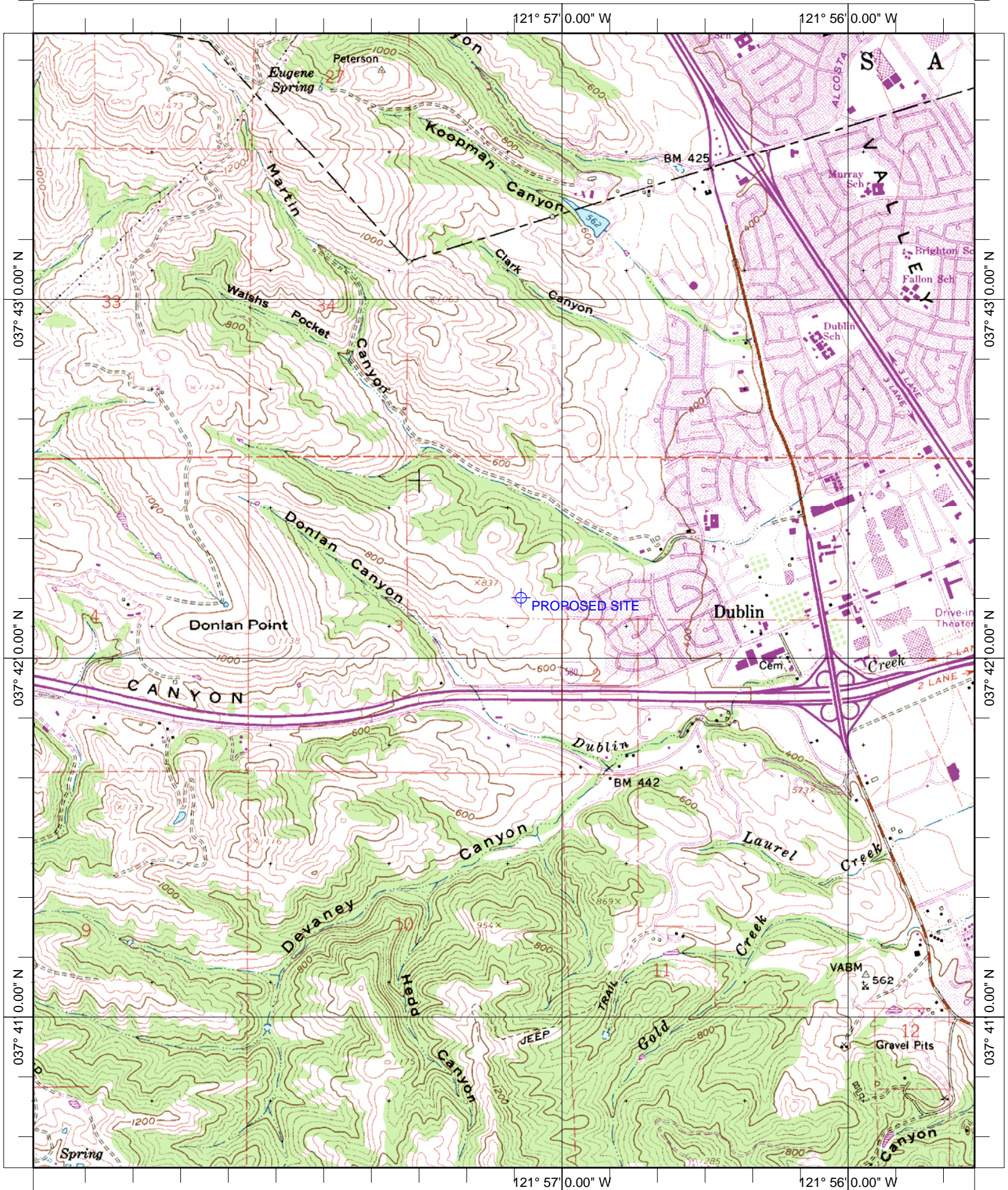
Scale in km



K215BV 215D .01kW 3455M AMS	Exhibit 12A
N. Lat. 39 36 17 W. Lng. 106 21 33	EMF - 03/05







Name: DUBLIN
 Date: 9/14/2004
 Scale: 1 inch equals 2000 feet

Location: 037° 42' 09.6" N 121° 57' 12.1" W
 Caption: Exhibit 1
 Site at 37-42-10 / 121-57-08

03-15-2005
InterDLG (C)

Bearing	Field Value
000	0.187
010	0.045
020	0.030
030	0.032
040	0.037
050	0.046
060	0.065
070	0.142
080	0.202
090	0.234
100	0.250
110	0.260
120	0.250
130	0.234
140	0.202
150	0.142
160	0.065
170	0.046
180	0.037
190	0.032
200	0.030
210	0.045
220	0.187
230	0.388
240	0.570
250	0.715
260	0.829
270	0.920
280	0.979
290	1.000
300	0.979
310	0.920
320	0.829
330	0.715
340	0.570
350	0.388

