Engineering Statement Regarding Second &/or Third Adjacent Channel Interference With Additional Comments regarding Co-Channel Interference

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This application proposes an FM translator that will, according to the FCC Rules cause interference to facilities on either or both of the second or third adjacent channels in the area immediately surrounding the proposed FMT site.

In this case, KCCY and KIBT are thus affected. In both cases, the applicant will demonstrate with map diagrams and/or text descriptions that demonstrate that the interference, while predicted, will not cause actual interference.

KCCY has a signal in the area of the proposed FMT of 99.1 dBu. Thus using the well established principles of Undesirable/Desirable signal ratio of 40 dBu, as outlined in section 73.215(2) of the rules, the proposed 139.1 dBu interference contour would be the area of possible interference. That area extends 0.6 meters from the proposed FMT site, and that area is fenced off, unpopulated and uninhabited.

Similarly KIBT has a signal in the area of the proposed FMT of 76.8 dBu, and as outlined above, the area affected by the proposed FMT (116.8 dBu interference contour) extends 48.3 meters from the proposed FMT site, and that area is fenced off, unpopulated and uninhabited.

The applicant hereby requests a waiver of section 73.1204 of the rules based on paragraph 73.1204(d) of the rules, in that the proposed or possible areas of interference are uninhabited and/or unpopulated and thus will there not be caused any actual interference.

Further, the applicant hereby requests that the Commission allow the applicant to calculate and demonstrate the area of interference using the well established principles of undesirable to desirable signal ratio of 40 dBu, as outlined in section 73.215(2) of the rules.

In making these requests, the applicant submits that by granting them, the Commission would allow additional service that would otherwise not be permitted, and that are in conformity with the Commission’s rules. The public interest would thus be served.

Minor Change to K243AM

REFERENCE CH# 243D - 96.5 MHz, Pwr= 0.023 kW, HAAT=0.0 M, COR= 2213 M DISPLAY DATES
38 53 10 N Average Protected F(50-50)= 3.87 km DATA 07-01-06
104 53 24 W Ave. F(50-10) 40 dBu= 12.4 54 dBu= 5.5 80 dBu= 1.6 100 dBu= .3 SEARCH 07-02-06

CH CALL / CITY	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)
245C KCCY Pueblo	LIC CY CO	171.0 351.0	15.83 BLH19940217KC	38 44 43 104 51 41	72.000 944	2946 15.4	100.3 Capstar Tx Limited Partner	-3.29<	-84.58*<
243C ALLO Evergreen	USE CO	338.0 158.0	81.78	39 34 06 105 14 50	100.000 289	2724 170.9	71.5	-90.69<	6.51<
243C KXPK Evergreen	LIC CN CO	329.9 149.9	101.69 BLH19940701KC	39 40 35 105 29 09	100.000 685	3281 203.2	95.1 Entravision Holdings, Llc	-103.01<	1.80
243D K243AM Colorado Springs	CP DC CO	170.8 350.8	15.84 BNPFT20030808ADH	38 44 43 104 51 39	0.000 721	2718 0.0	0.0 Educational Communications	12.06<	3.88<
241C2 KIBT Fountain	LIC NCX CO	171.1 351.1	15.80 BLH20060503AAK	38 44 44 104 51 42	0.460 869	2872 1.5	45.5 Amfm Texas Licenses Limite	10.54	-29.88*<
245C ALLO Pueblo Coordinates updated from CP record BPH830418AD	USE CO	119.7 299.7	65.60	38 35 33 104 14 07	100.000 1054	2724 18.3	107.1	34.08	-41.79*<
241C2 ALLO Fountain	USE CO	150.4 330.4	32.63	38 37 50 104 42 16	50.000 971	2724 12.7	96.6	8.13	-64.26*<
240D K240CH Cripple Creek Translator for KKCSFM, Colorado Springs, CO.-	LIC DCN CO	238.3 58.3	29.25 BLFT19940314TE	38 44 52 105 10 36	0.006 -453	2908 0.2	2.8 Superior Broadcasting Of D	27.47	26.44
241D AP241 Lakewood	APP DE CO	346.3 166.3	57.03 BNPFT20030312ALH	39 23 06 105 02 51	0.000 255	2352 0.0	0.0 Educational Communications	55.42	57.01
241D AP241 Ponderosa Park	APP C CO	18.8 198.8	62.74 BNPFT20030310AXJ	39 25 14 104 39 15	0.050 67	2090 0.5	7.0 Way-fm Media Group, Inc.	61.21	55.69

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

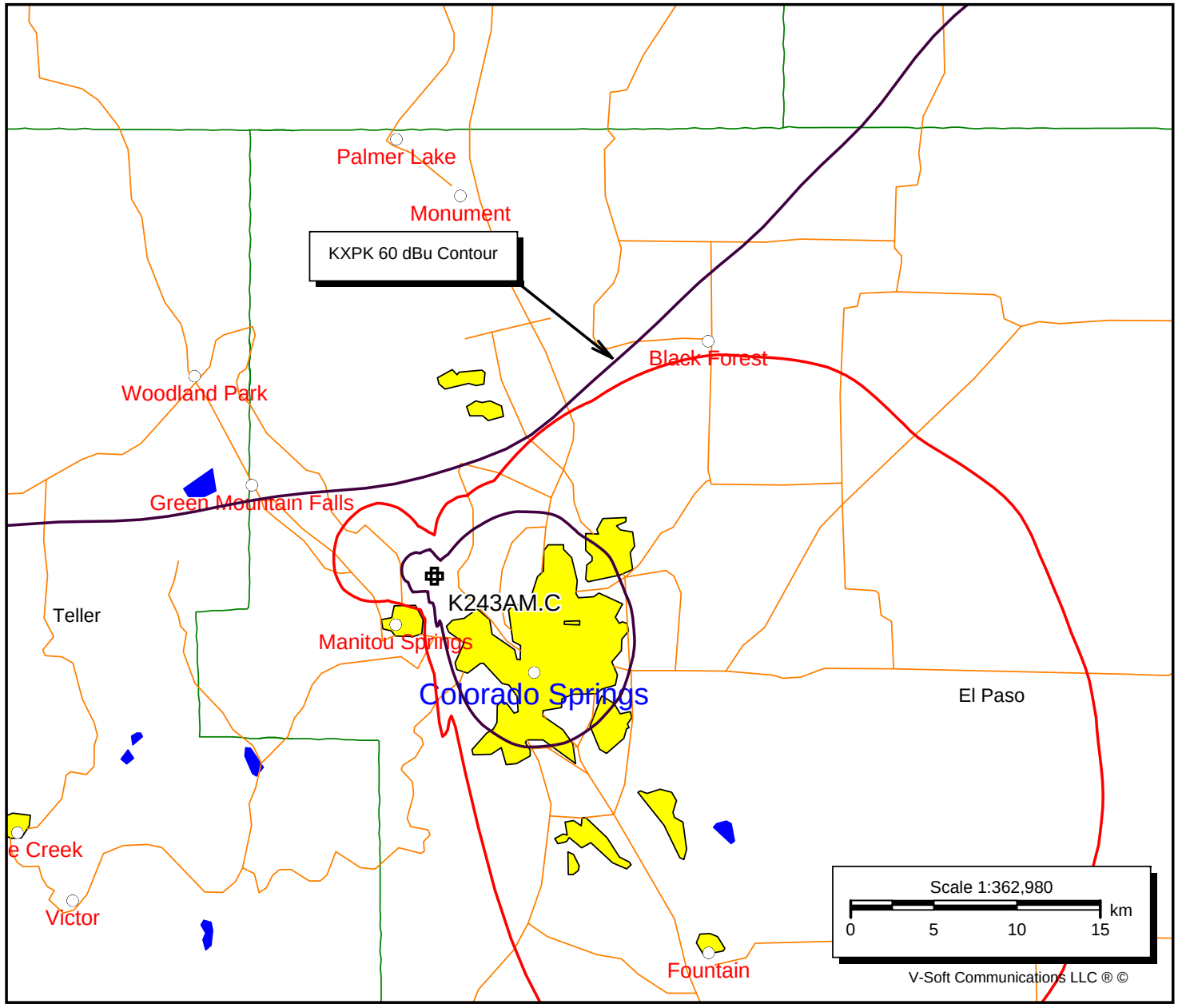
Terrain and Contour Study
N. Lat. = 38 53 10 W. Lng. = 104 53 24
HAAT and Distance to Contour - FCC Method - 30 Arc. Sec.
Minor Change to K243AM

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	40-F1	116.8-F1
000	2187.4	25.6	0.0000	-44.61	0.039	1.31	2.46	0.00
030	2011.7	201.3	0.0000	-43.92	0.042	1.41	6.47	0.00
060	1998.6	214.4	0.0065	-21.84	0.534	7.60	25.75	0.03
090	1951.1	261.9	0.0187	-17.28	0.902	11.06	36.93	0.04
120	1869.0	344.0	0.0222	-16.53	0.983	13.19	44.24	0.05
150	1844.2	368.8	0.0125	-19.02	0.738	11.84	40.07	0.04
180	2186.4	26.6	0.0012	-29.25	0.227	1.90	5.88	0.01
210	2795.3	-582.3	0.0000	-46.39	0.032	1.06	2.24	0.00
240	2934.6	-721.6	0.0001	-40.65	0.061	1.61	3.03	0.00
270	2743.9	-530.9	0.0012	-29.24	0.228	1.90	5.89	0.01
300	2573.6	-360.6	0.0015	-28.35	0.252	2.00	6.20	0.01
330	2677.5	-464.5	0.0005	-32.63	0.154	1.53	4.82	0.01

Ave El= 2314.44 M HAAT= -101.44 M AMSL= 2213

K243AM (modified) vs KXPK

K243AM.C
BNPFT20030808ADH
Latitude: 38-53-10 N
Longitude: 104-53-24 W
ERP: 0.023 kW
Channel: 243
Frequency: 96.5 MHz
AMSL Height: 2213.0 m
Elevation: 2112.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None



07-02-2006 30 Sec. Terrain Data

KXPK BLH19940701KC
Channel = 243C
Max ERP = 100 kW
RCAMSL = 3281 M
N. Lat = 39 40 35
W. Lng = 105 29 09

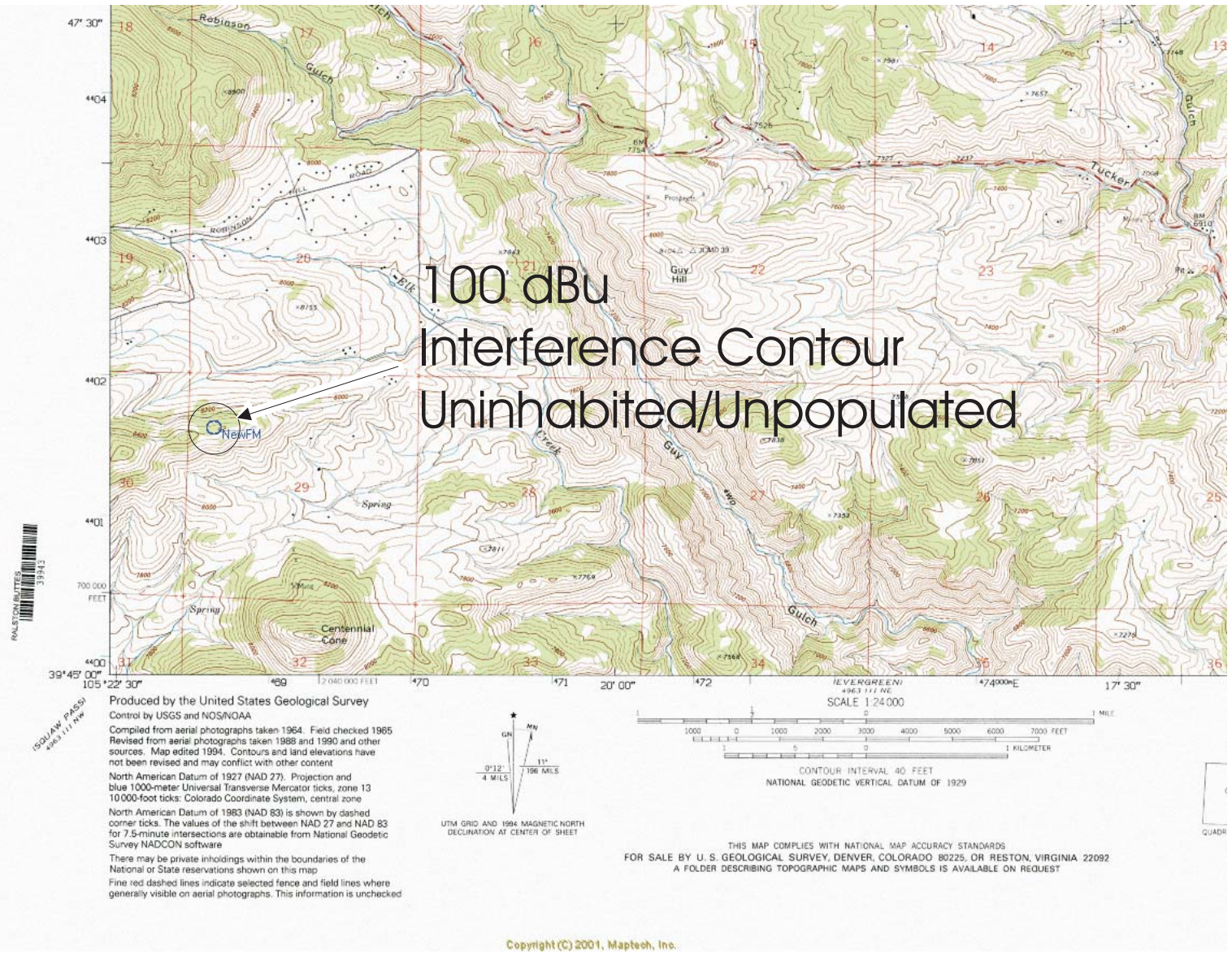
K243AM
Channel = 243D
Max ERP = 0.023 kW
RCAMSL = 2213 M
N. Lat = 385310
W. Lng = 1045324

Protected
60 dBu

Interfering
40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
130.0	100.0000	0748.6	097.6	042.9	000.0010	0211.7	034.3	26.6
131.0	100.0000	0745.6	097.5	042.5	000.0009	0212.4	032.4	27.2
132.0	100.0000	0745.6	097.4	042.5	000.0009	0211.7	030.7	28.1
133.0	100.0000	0745.8	097.5	042.6	000.0009	0211.7	029.0	29.2
134.0	100.0000	0743.3	097.4	042.3	000.0009	0212.4	027.3	30.1
135.0	100.0000	0739.0	097.2	041.8	000.0008	0212.4	025.6	30.8
136.0	100.0000	0736.3	097.1	041.3	000.0007	0212.8	023.9	31.7
137.0	100.0000	0736.9	097.1	041.0	000.0007	0212.8	022.2	32.7
138.0	100.0000	0738.7	097.2	040.6	000.0006	0212.8	020.5	33.8
139.0	100.0000	0740.2	097.2	040.1	000.0006	0212.7	018.8	34.8
140.0	100.0000	0741.3	097.3	039.3	000.0005	0212.0	017.1	35.5
141.0	100.0000	0743.1	097.4	038.4	000.0004	0211.1	015.4	36.1
142.0	100.0000	0746.3	097.5	037.3	000.0003	0210.1	013.7	36.6
143.0	100.0000	0750.6	097.6	035.9	000.0002	0209.0	012.1	37.4
144.0	100.0000	0752.2	097.7	033.5	000.0001	0205.1	010.4	36.2
145.0	100.0000	0747.9	097.5	028.5	000.0000	0200.6	008.9	34.3
146.0	100.0000	0738.3	097.2	020.3	000.0000	0176.6	007.7	33.4
147.0	100.0000	0727.0	096.7	008.6	000.0000	0111.8	006.7	32.8
148.0	100.0000	0715.2	096.3	353.8	000.0000	-0116.6	006.1	25.1
149.0	100.0000	0701.6	095.7	337.4	000.0002	-0476.5	006.2	32.1
150.0	100.0000	0684.5	095.1	322.6	000.0009	-0482.1	006.8	36.3
151.0	100.0000	0665.3	094.3	311.5	000.0013	-0541.2	007.9	35.1
152.0	100.0000	0646.8	093.6	303.5	000.0014	-0410.2	009.3	33.1
153.0	100.0000	0631.1	093.0	297.4	000.0015	-0341.1	010.6	30.9
154.0	100.0000	0618.0	092.5	292.5	000.0015	-0319.0	012.0	28.8
155.0	100.0000	0607.2	092.1	288.6	000.0015	-0380.7	013.5	26.7
156.0	100.0000	0597.8	091.7	285.4	000.0015	-0402.7	014.9	24.8
157.0	100.0000	0588.0	091.4	282.9	000.0014	-0402.8	016.4	23.4
158.0	100.0000	0577.5	090.9	281.1	000.0014	-0406.4	018.0	22.0
159.0	100.0000	0565.8	090.4	279.9	000.0014	-0411.4	019.6	20.7
160.0	100.0000	0554.4	089.9	279.0	000.0014	-0417.3	021.2	19.3

EXHIBIT 12b
Demonstration of No Population in 100 dBu Interference Contour



Present vs. Proposed Service Contours