

5700 West Oaks Boulevard ♦ Rocklin ♦ California ♦ 95765

Albertville, MN

REFERENCE	CH#	FREQ	PWR	HAA	COR	DATES					
44 58 36.0 N.	249D	- 97.7 MHz,	Pwr= 0.06 kW,	HAA= 234.4 M,	COR= 502 M	DISPLAY DATES					
93 16 15.0 W.		Average Protected F(50-50)=	13.8 km			DATA 06-16-11					
		Omni-directional				SEARCH 06-17-11					
CH CITY	CALL	TYPE	ANT STATE	AZI. --<	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
249D K249ED Albertville	LIC C	24.3 20.6	45 07 36.0	0.170	27.0	8.1	-20.2*	-33.5			
	MN	144.2 BLFT20071025AED	93 25 26.0	41	316	Educational Media Foundati					
246C0~KTCZ-FM Minneapolis	LIC CN	51.7 14.7	45 03 30.0	100.000	10.4	73.9	-9.2	-59.7*			
	MN	231.8 BLH19910814KC	93 07 27.0	315	593	Amfm Broadcasting Licenses					
250D W239AM Hudson	APP C	100.4 28.9	44 55 45.4	0.170	9.2	6.4	5.6	1.2			
	WI	280.7 BPFT20110118ABF	92 54 38.0	20	295	William Cornwall					
248C0~KNXR Rochester	LIC C	144.3 127.6	44 02 28.0	100.000	107.2	73.9	5.9	31.8			
	MN	325.0 BLH19990505KB	92 20 25.0	317	671	United Audio Corporation					
249C3 WAQE-FM Barron	LIC NC	61.6 133.7	45 32 16.0	15.500	100.6	32.7	19.6	56.3			
	WI	242.7 BLH20010412AAH	91 45 50.0	88	455	Tkc, Inc.					
251C0 WWJO St. Cloud	LIC CY	327.9 110.4	45 48 52.0	100.000	10.2	72.7	86.3	37.1			
	MN	147.4 BLH19890117KF	94 01 38.0	305	669	Townsquare Media Licensee					
249A KLGR-FM Redwood Falls	LIC CN	252.5 155.1	44 32 33.0	3.000	77.5	25.2	64.1	84.9			
	MN	71.2 BLH6258	95 07 57.0	91	400	Three Eagles Of Luverne, I					

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone= West Zone, Co to 3rd adjacent.

Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
***affixed to 'IN' or 'OUT' values = site inside protected contour.

Compliance with C.F.R. 74.1204

The proposed FM Translator is located within the protected 60 dBu contour of third adjacent channel station KTCZ-FM, channel 246C, Minneapolis, MN. The predicted F(50-50) field strength of KTCZ-FM at the proposed translator site is 94.0 dBu, (see Exhibit 13-A1). Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 134.0 dBu. This interfering contour extends approximately 10.8 meters from the proposed transmit antenna, and the area of overlap does not reach the regularly occupied portion of the building (see note below).

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

NOTE: The architectural specification sheet for this site states that this is a 57 floor building with floors 56 and 57 housing equipment only; each floor is approximately 4.14 meters tall. The roof of the building is topped by a 5 meter parapet. The proposed antenna will be mounted on a 4 meter pole atop the parapet placing the proposed antenna approximately 17 meters above the regularly occupied portion of the building.

Exhibit 13-A1

KTCZ-FM

BLH19910814KC
Latitude: 45-03-30 N
Longitude: 093-07-27 W
ERP: 100.00 kW
Channel: 246
Frequency: 97.1 MHz
AMSL Height: 593.0 m
Horiz. Pattern: Omni
Prop Model: None

K249ED.P

Latitude: 44-58-36 N
Longitude: 093-16-15 W
ERP: 0.06 kW
Channel: 249
Frequency: 97.7 MHz
AMSL Height: 502.0 m
Horiz. Pattern: Omni

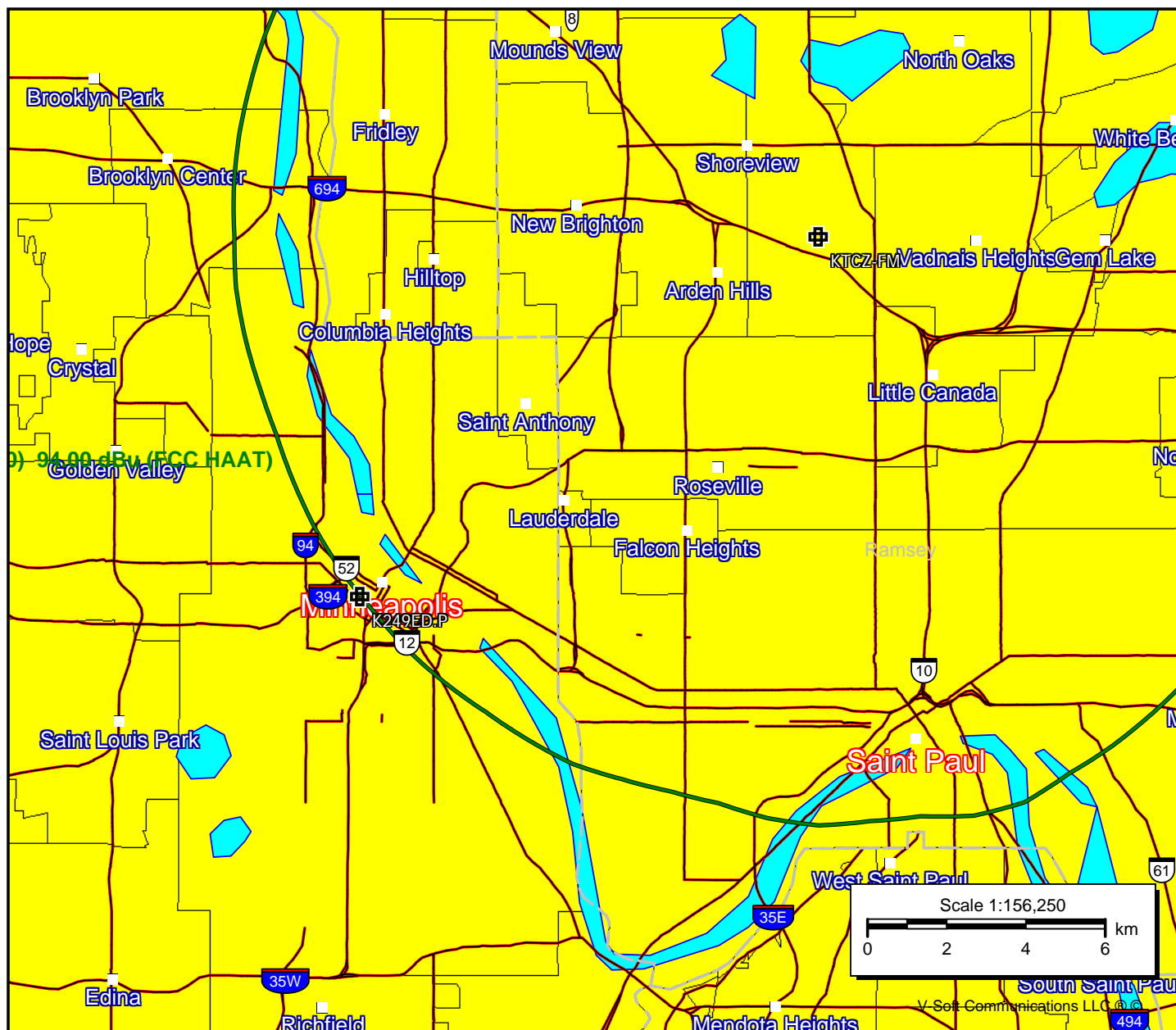
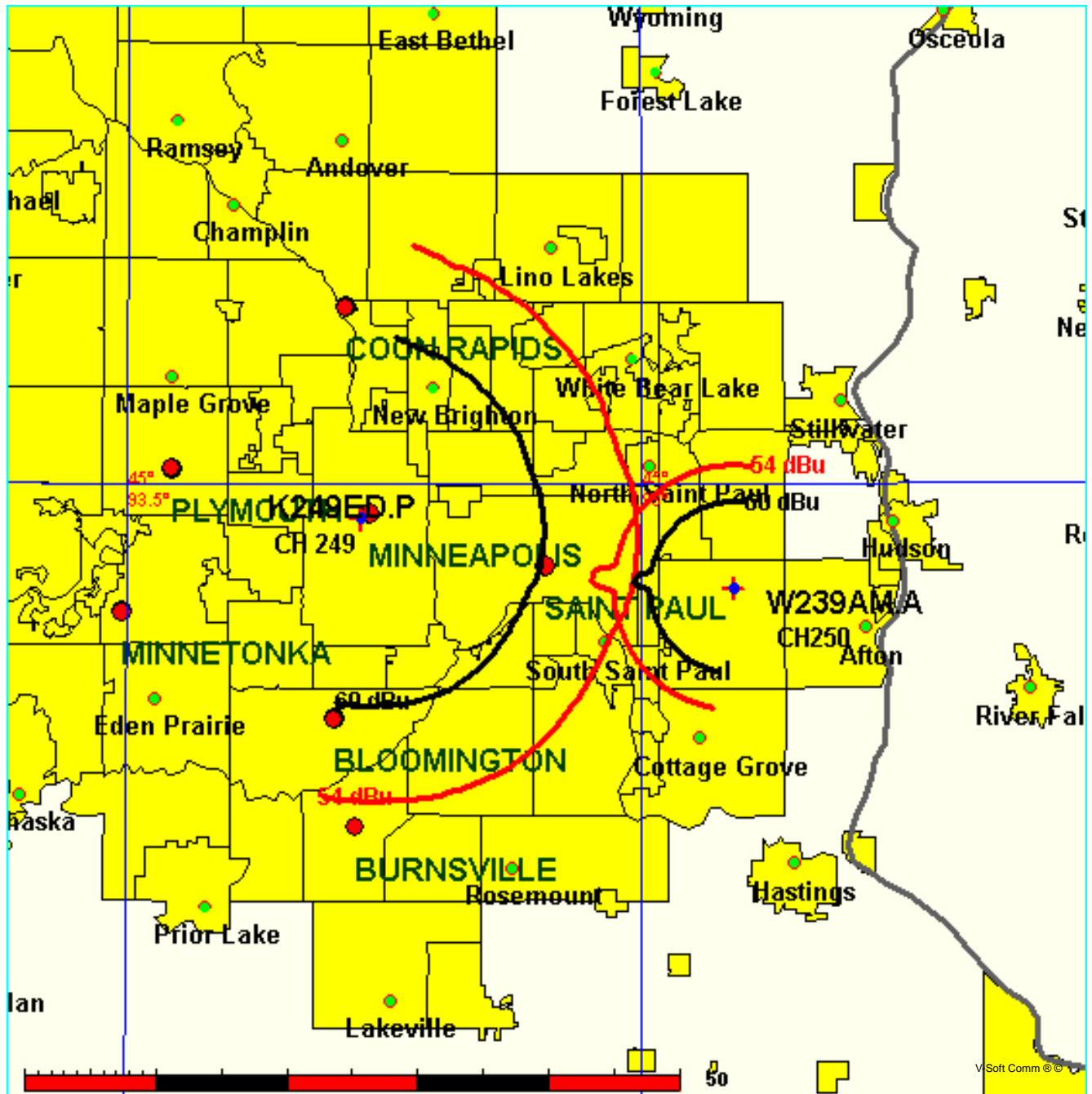


Exhibit 13-B

FMCommander Single Allocation Study - 07-11-2011 - NGDC 30 SEC
K249ED.P's Overlaps (In= 5.65 km, Out= 1.24 km)

K249ED.P CH 249 D
Lat= 44 58 36.0, Lng= 93 16 15.0
0.06 kW 234.4 M HAAT, 502 M COR
Prot.= 60 dBu, Intef.= 54 dBu

W239AM.A CH 250 D BPFT20110118ABF
Lat= 44 55 45.4, Lng= 92 54 38.0
0.17 kW 19.5 M HAAT, 295 M COR
Prot.= 60 dBu, Intef.= 54 dBu



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Exhibit 13-B

Albertville, MN

K249ED.P vs. W239AM.A

07-11-2011 Terrain Data: NGDC 30 SEC FMOver Analysis

W239AM.A BPFT20110118ABF

K249ED.P

Channel = 250D
Max ERP = 0.17 kW
RCAMSL = 295 M
N. Lat. 44 55 45.4
W. Lng. 92 54 38.0
Protected
60 dBu

Channel = 249D
Max ERP = 0.06 kW
RCAMSL = 502 M
N. Lat. 44 58 36.0
W. Lng. 93 16 15.0
Interfering
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
265.0	000.1700	0021.6	006.4	104.8	000.0600	0244.3	022.8	52.88	
266.0	000.1700	0024.0	006.4	104.5	000.0600	0244.0	022.7	52.90	
267.0	000.1700	0026.8	006.4	104.2	000.0600	0243.7	022.7	52.91	
268.0	000.1700	0029.5	006.4	104.0	000.0600	0243.4	022.7	52.93	
269.0	000.1700	0032.7	006.7	103.8	000.0600	0243.2	022.4	53.13	
270.0	000.1700	0036.1	007.0	103.8	000.0600	0243.1	022.1	53.38	
271.0	000.1700	0039.6	007.3	103.6	000.0600	0243.0	021.7	53.65	
272.0	000.1700	0042.4	007.6	103.4	000.0600	0242.8	021.4	53.88	
273.0	000.1700	0042.6	007.6	103.1	000.0600	0242.6	021.4	53.90	
274.0	000.1700	0042.3	007.6	102.7	000.0600	0242.4	021.4	53.89	
275.0	000.1700	0042.2	007.6	102.4	000.0600	0242.3	021.4	53.89	
276.0	000.1700	0041.6	007.5	102.0	000.0600	0242.2	021.4	53.86	
277.0	000.1700	0039.8	007.3	101.6	000.0600	0242.2	021.6	53.73	
278.0	000.1700	0036.9	007.1	101.2	000.0600	0242.2	021.9	53.53	
279.0	000.1700	0033.8	006.8	100.9	000.0600	0242.2	022.1	53.31	
280.0	000.1700	0031.3	006.6	100.6	000.0600	0242.1	022.4	53.13	
281.0	000.1700	0028.4	006.4	100.3	000.0600	0241.9	022.5	53.03	
282.0	000.1700	0025.6	006.4	100.0	000.0600	0241.7	022.5	53.02	
283.0	000.1700	0023.7	006.4	099.7	000.0600	0241.5	022.5	53.01	
284.0	000.1700	0022.1	006.4	099.4	000.0600	0241.3	022.5	53.00	
285.0	000.1700	0020.9	006.4	099.1	000.0600	0241.1	022.5	52.99	
286.0	000.1700	0020.0	006.4	098.9	000.0600	0240.9	022.5	52.97	
287.0	000.1700	0019.1	006.4	098.6	000.0600	0240.7	022.5	52.95	
288.0	000.1700	0018.2	006.4	098.3	000.0600	0240.6	022.5	52.93	
289.0	000.1700	0017.0	006.4	098.0	000.0600	0240.5	022.6	52.92	
290.0	000.1700	0015.3	006.4	097.7	000.0600	0240.4	022.6	52.90	