

CHANNEL PRECLUSION STUDY
Preclusion Study - W265BF Tomahawk WI
Albert Broadcasting II LLC

REFERENCE
45 29 26. N.
89 43 34. W.

Class= D , Pwr=0.25 kW, HAAT= 81.6 M, COR= 533 M
Average Protected F(50-50)= 11.68 km
Omni-directional

DISPLAY DATES
DATA 09-30-13
SEARCH 09-30-13

CH CI TY	CALL	TYPE ANT STATE	AZI . <--	DI ST FI LE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LI CENSEE	*IN* (Overlap in km)	*OUT* in km)
--- Channel 261	261C1 WRHN Rhi nel ander	100.1 MHz. LIC _CX WI	--- 59.2 239.5	30.12 BLH20050620ACJ	45 37 42.0 89 23 38.0	100.000 89	146.3 575	50.8 Nrg License	-127.3*	-58.4*
208C1 WCLQ Wausau	LIC DCX WI	176.7 356.7	63.54 BLED20040225ABB		44 55 11.0 89 40 45.0	90.000 185	12.8 569	58.8 Christi an Li fe	21.5R	42.0M Communi cati
--- Channel 262	261C1 WRHN Rhi nel ander	100.3 MHz. LIC _CX WI	--- 59.2 239.5	30.12 BLH20050620ACJ	45 37 42.0 89 23 38.0	100.000 89	80.2 575	50.8 Nrg License	-61.2*	-36.5*
265C3 1570663 Tomahawk	APP NCX WI	159.8 339.8	16.38 BNPH20130724AFV		45 21 08.0 89 39 13.0	3.000 149	2.6 599	29.4 Resul ts	1.7 Broadcasting Of Rh	-14.1*
208C1 WCLQ Wausau	LIC DCX WI	176.7 356.7	63.54 BLED20040225ABB		44 55 11.0 89 40 45.0	90.000 185	12.8 569	58.8 Christi an Li fe	21.5R	42.0M Communi cati
--- Channel 263	263C3 WDTX Rothschi ld	100.5 MHz. LIC NC_ WI	--- 182.5 2.4	72.70 BLH20100125AA0	44 50 13.0 89 45 57.0	25.000 84	108.9 461	34.0 Sunri se	-48.5*	-3.8
261C1 WRHN Rhi nel ander	LIC _CX WI	59.2 239.5	30.12 BLH20050620ACJ		45 37 42.0 89 23 38.0	100.000 89	5.8 575	50.8 Nrg License	13.2	-21.8*
265C3 1570663 Tomahawk	APP NCX WI	159.8 339.8	16.38 BNPH20130724AFV		45 21 08.0 89 39 13.0	3.000 149	2.6 599	29.4 Resul ts	1.7 Broadcasting Of Rh	-14.1*
210D W210BP Rhi nel ander	LIC _C_ WI	61.4 241.7	31.86 BLFT20030709AAA		45 37 36.0 89 22 01.0	0.170 28	12.8 514	58.8 Wrvm, Inc.	9.5R	22.4M
210C2 WHSF Rhi nel ander	LIC DCX WI	49.4 229.7	48.84 BLED20130301AGM		45 46 30.0 89 14 55.0	16.500 157	12.8 652	58.8 State Of Wi sconsi n	14.5R	34.3M - Educa
--- Channel 264	265C3 1570663 Tomahawk	100.7 MHz. APP NCX WI	--- 159.8 339.8	16.38 BNPH20130724AFV	45 21 08.0 89 39 13.0	3.000 149	44.5 599	29.4 Resul ts	-40.1*	-30.7*
264C1 WOBE Crystal Falls	LIC NCX MI	73.7 254.9	136.25 BLH20040213ACA		45 49 16.0 88 02 34.0	100.000 199	160.1 542	62.4 Resul ts	-34.8*	36.6
261C1 WRHN Rhi nel ander	LIC _CX WI	59.2 239.5	30.12 BLH20050620ACJ		45 37 42.0 89 23 38.0	100.000 89	5.8 575	50.8 Nrg License	13.2	-21.8*
264C1 WBI Z-FM Eau Claire	LIC _CN WI	246.9 65.7	155.71 BLH19970410KA		44 55 44.0 91 32 31.0	100.000 147	154.4 441	58.1 Capstar Tx	-10.8	55.9
210D W210BP Rhi nel ander	LIC _C_ WI	61.4 241.7	31.86 BLFT20030709AAA		45 37 36.0 89 22 01.0	0.170 28	12.8 514	58.8 Wrvm, Inc.	9.5R	22.4M
210C2 WHSF Rhi nel ander	LIC DCX WI	49.4 229.7	48.84 BLED20130301AGM		45 46 30.0 89 14 55.0	16.500 157	12.8 652	58.8 State Of Wi sconsi n	14.5R	34.3M - Educa
--- Channel 265	265C3 1570663 Tomahawk	100.9 MHz. APP NCX WI	--- 159.8 339.8	16.38 BNPH20130724AFV	45 21 08.0 89 39 13.0	3.000 149	84.7 599	29.4 Resul ts	-80.4*	-54.5*
265L1 WDYD-LP Merrill	LIC _ WI	171.1 351.2	31.52 BLL20050202ACG		45 12 37.0 89 39 50.0	0.095	410		1.0	-16.2
212C1 WHBM Park Falls	LIC _CX WI	320.2 139.8	66.07 BLED20100802ATY		45 56 43.0 90 16 22.0	35.000 217	12.8 689	58.8 State Of Wi sconsi n	21.5R	44.6M - Educa
--- Channel 266	265C3 1570663 Tomahawk	101.1 MHz. APP NCX WI	--- 159.8 339.8	16.38 BNPH20130724AFV	45 21 08.0 89 39 13.0	3.000 149	44.5 599	29.4 Resul ts	-40.1*	-30.7*
266C1 WUPY Ontonagon	RSV-A _ MI	16.5 196.9	146.25		46 45 01.0 89 10 46.0	100.000 299	170.2 582	70.9 Snrn Broadcasti ng, Inc.	-34.7*	38.7

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
266C1 Ontonagon	WUPY	LIC _CX MI		16.5 196.9	146.26 BLH20070111ABS	46 45 01.4 89 10 46.2	100.000 212	160.7 491	62.9 Snrn Broadcasting, Inc.	-25.2*	46.8
266C Green Bay	WIXX	LIC _CY WI		130.9 312.1	181.53 BMLH19811005AE	44 24 35.0 88 00 05.0	100.000 329	179.8 557	77.2 Midwest Communications, In	-9.3	66.7
212C1 Park Falls	WHBM	LIC _CX WI		320.2 139.8	66.07 BLED20100802ATY	45 56 43.0 90 16 22.0	35.000 217	12.8 689	58.8 State Of Wisconsin - Educa	21.5R	44.6M
--- Channel 267 101.3 MHz. ---											
267D Rhinelander	W267AF	LIC _C_ WI		59.2 239.5	30.12 BLFT20120313AAU	45 37 42.0 89 23 38.0	0.250	38.3 550	11.2 Nrg License Sub, LI c	-19.2*	-18.8
265C3 Tomahawk	1570663	APP NCX WI		159.8 339.8	16.38 BNPH20130724AFV	45 21 08.0 89 39 13.0	3.000 149	2.6 599	29.4 Results Broadcasting Of Rh	1.7	-14.1*
270C Wausau	WDEZ	LIC _C_ WI		177.5 357.5	63.40 BLH20031021AFB	44 55 14.0 89 41 28.0	100.000 329	10.4 715	73.8 Wrig, Inc.	40.7	-11.5*

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

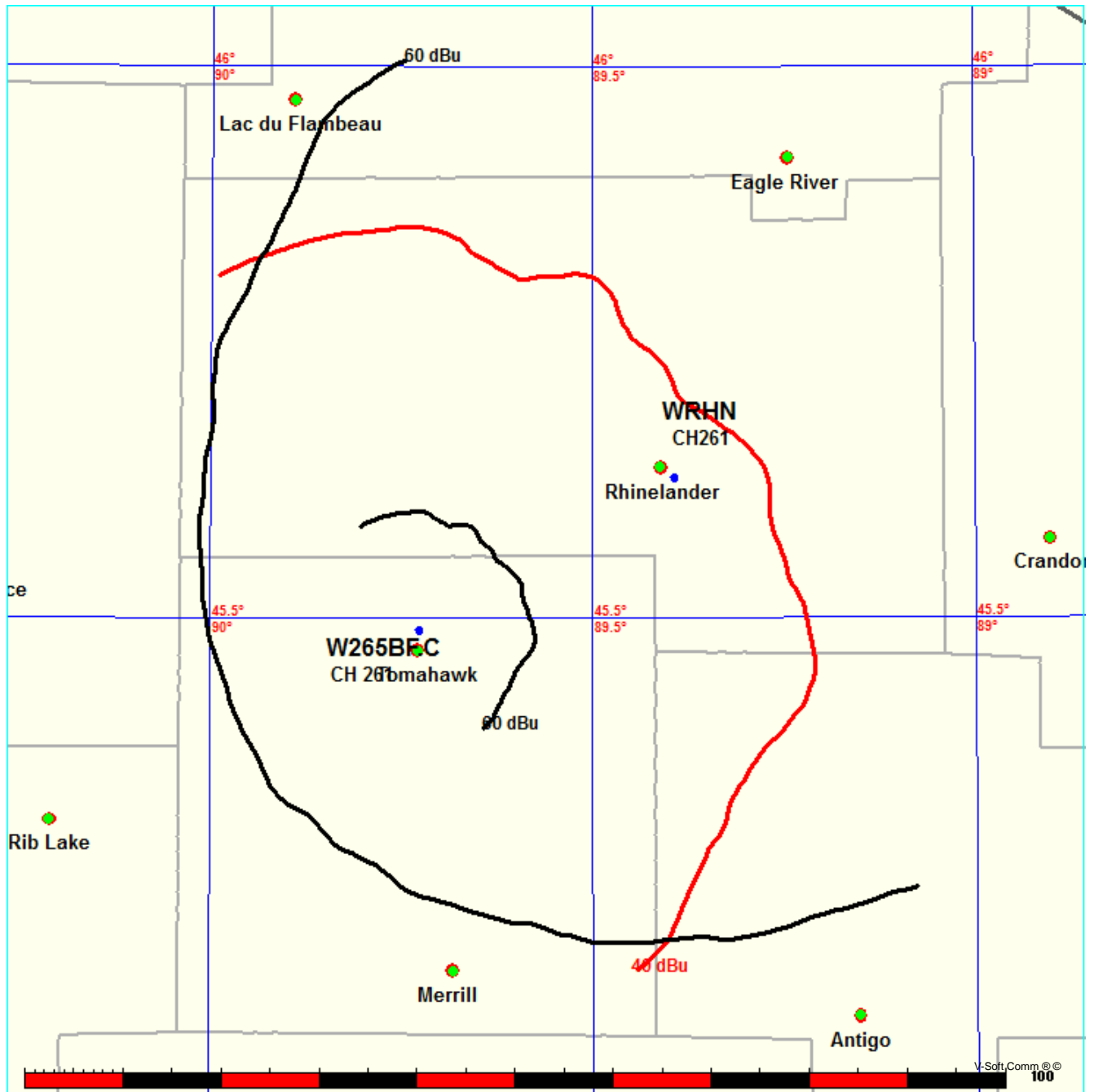
All separation margins include rounding

Preclusion Study Channel 261 - W265BF into WRHN
Albert Broadcasting II LLC

FMCommander Single Allocation Study - 10-01-2013 - NGDC 30 SEC
W265BF.C's Overlaps (In= -127.28 km, Out= -58.37 km)

W265BF.C CH 261 D
Lat= 45 29 26.0, Lng= 89 43 34.0
0.25 kW 81.6 M HAAT, 533 M COR
Prot.= 60 dBu, Intef.= 40 dBu

WRHN CH 261 C1 BLH20050620ACJ
Lat= 45 37 42.0, Lng= 89 23 38.0
100.0 kW 89 M HAAT, 575 M COR
Prot.= 60 dBu, Intef.= 40 dBu

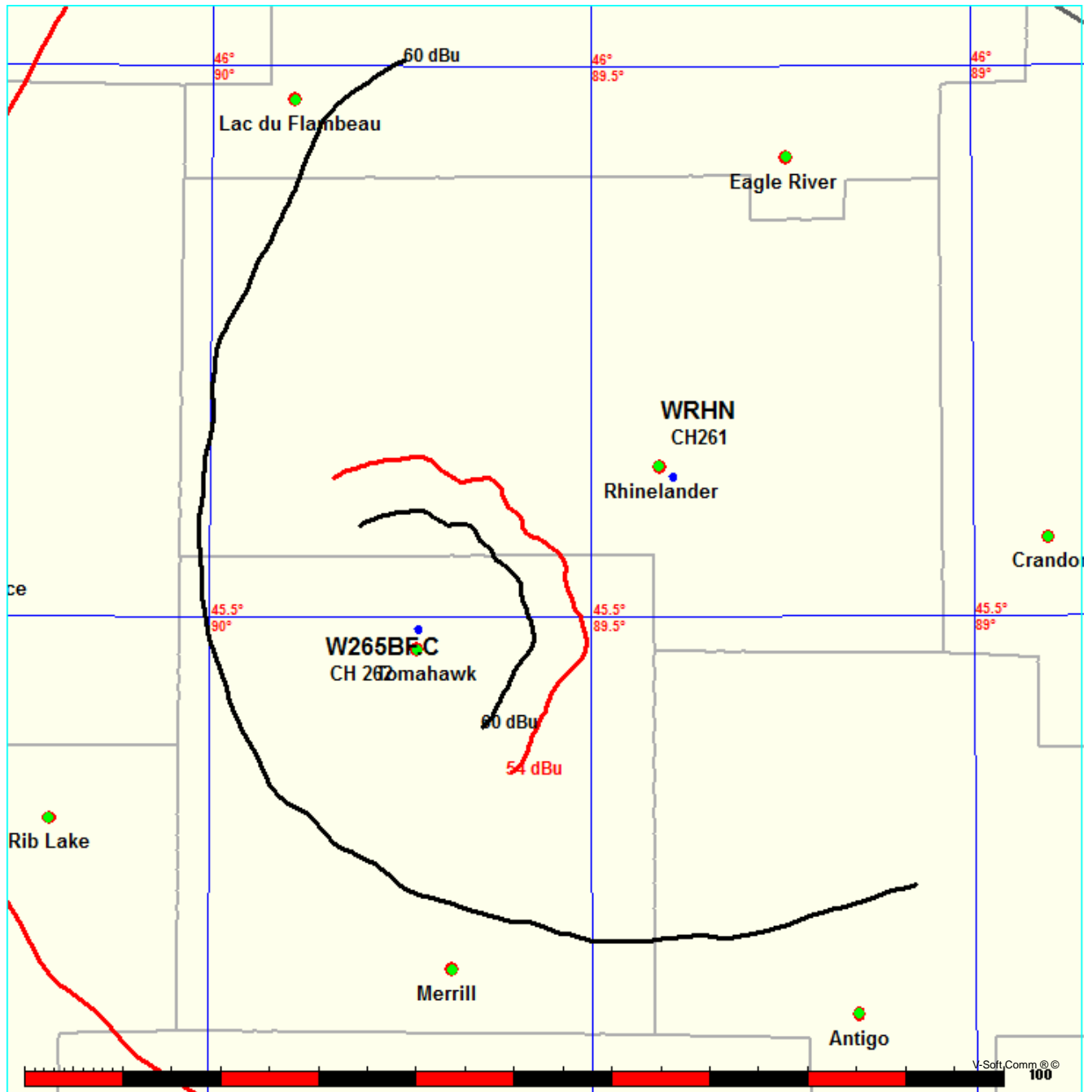


Preclusion Study Channel 262 - W265BF into WRHN
Albert Broadcasting II LLC

FMCommander Single Allocation Study - 10-01-2013 - NGDC 30 SEC
W265BF.C's Overlaps (In= -61.16 km, Out= -36.51 km)

W265BF.C CH 262 D
Lat= 45 29 26.0, Lng= 89 43 34.0
0.25 kW 81.6 M HAAT, 533 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WRHN CH 261 C1 BLH20050620ACJ
Lat= 45 37 42.0, Lng= 89 23 38.0
100.0 kW 89 M HAAT, 575 M COR
Prot.= 60 dBu, Intef.= 54 dBu

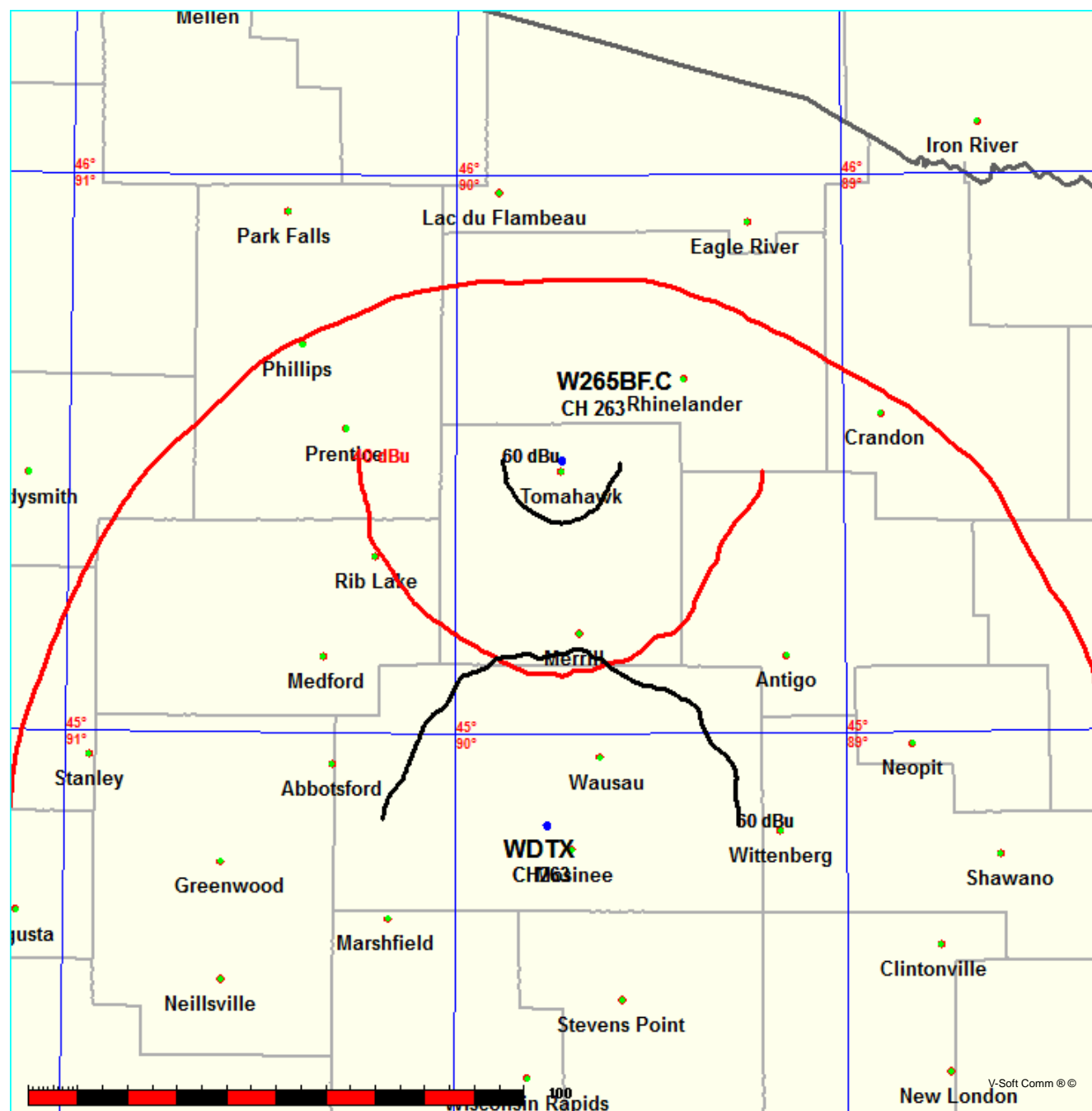


Preclusion Study Channel 263 - W265BF into WDTX
Albert Broadcasting II LLC

FMCommander Single Allocation Study - 10-01-2013 - NGDC 30 SEC
W265BF.C's Overlaps (In= -48.51 km, Out= -3.77 km)

W265BF.C CH 263 D
Lat= 45 29 26.0, Lng= 89 43 34.0
0.25 kW 81.6 M HAAT, 533 M COR
Prot.= 60 dBu, Intef.= 40 dBu

WDTX CH 263 C3 73.215 N BLH20100125AAO
Lat= 44 50 13.0, Lng= 89 45 57.0
25.0 kW 84 M HAAT, 461 M COR
Prot.= 60 dBu, Intef.= 40 dBu

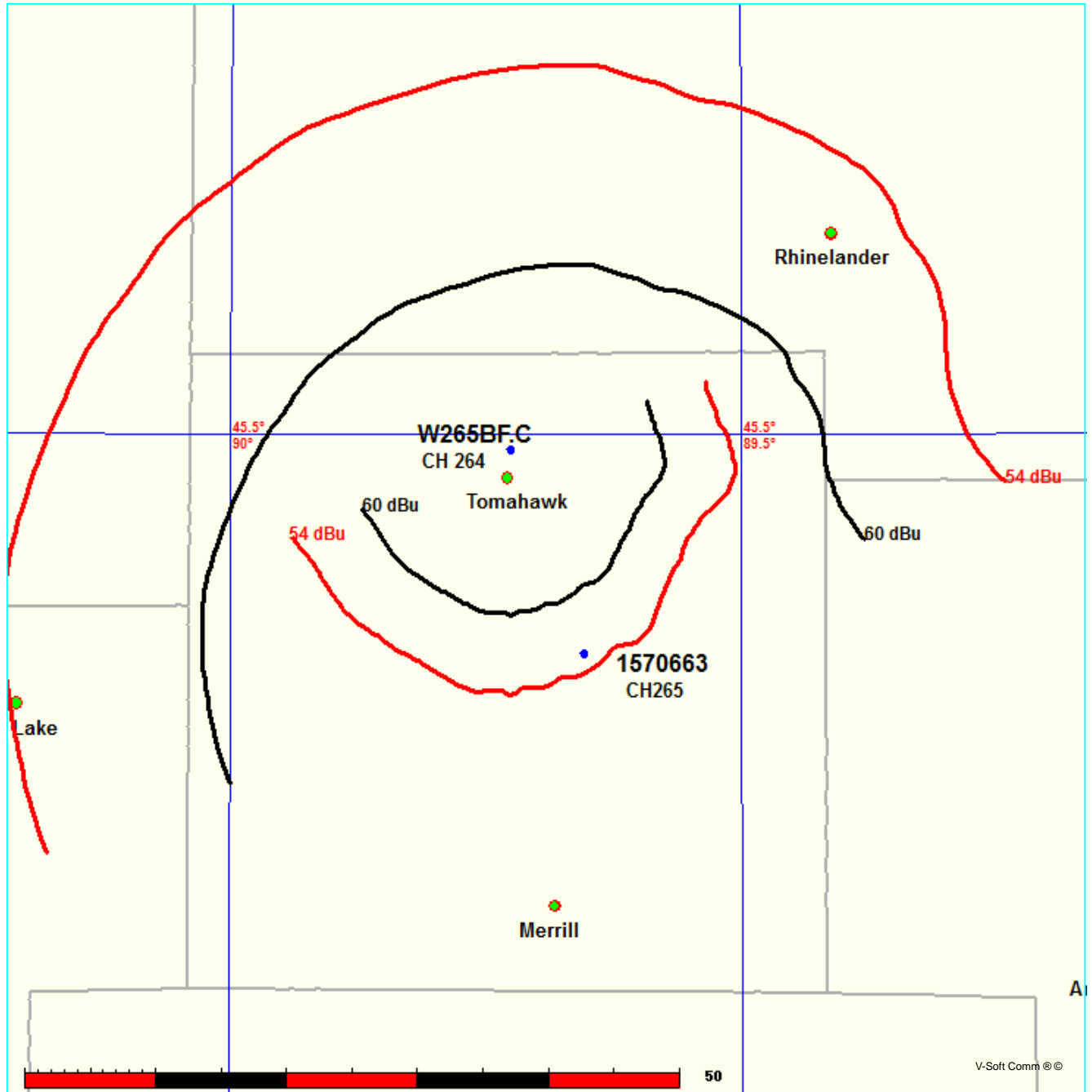


Preclusion Study Channel 264 - W265BF into New Tomahawk
Albert Broadcasting II LLC

FMCommander Single Allocation Study - 10-01-2013 - NGDC 30 SEC
W265BF.C's Overlaps (In= -40.14 km, Out= -30.72 km)

W265BF.C CH 264 D
Lat= 45 29 26.0, Lng= 89 43 34.0
0.25 kW 81.6 M HAAT, 533 M COR
Prot.= 60 dBu, Intef.= 54 dBu

1570663 CH 265 C3 73.215 N BNPH20130724AFV
Lat= 45 21 08.0, Lng= 89 39 13.0
3.0 kW 149 M HAAT, 599 M COR
Prot.= 60 dBu, Intef.= 54 dBu

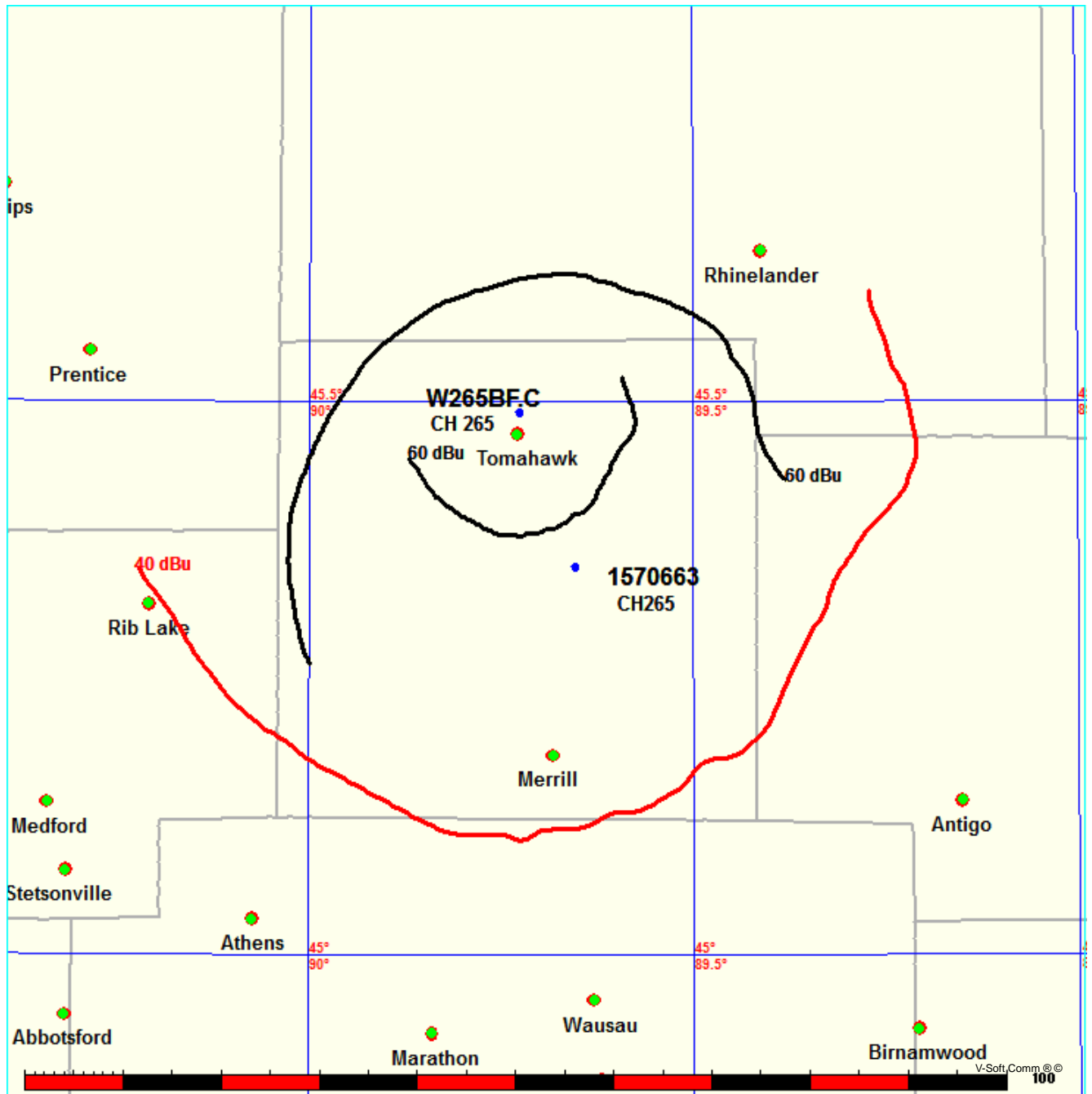


Preclusion Study Channel 265 - W265BF into New Tomahawk
Albert Broadcasting II LLC

FMCommander Single Allocation Study - 10-01-2013 - NGDC 30 SEC
W265BF.C's Overlaps (In= -80.43 km, Out= -54.49 km)

W265BF.C CH 265 D
Lat= 45 29 26.0, Lng= 89 43 34.0
0.25 kW 81.6 M HAAT, 533 M COR
Prot.= 60 dBu, Intef.= 40 dBu

1570663 CH 265 C3 73.215 N BNPH20130724AFV
Lat= 45 21 08.0, Lng= 89 39 13.0
3.0 kW 149 M HAAT, 599 M COR
Prot.= 60 dBu, Intef.= 40 dBu

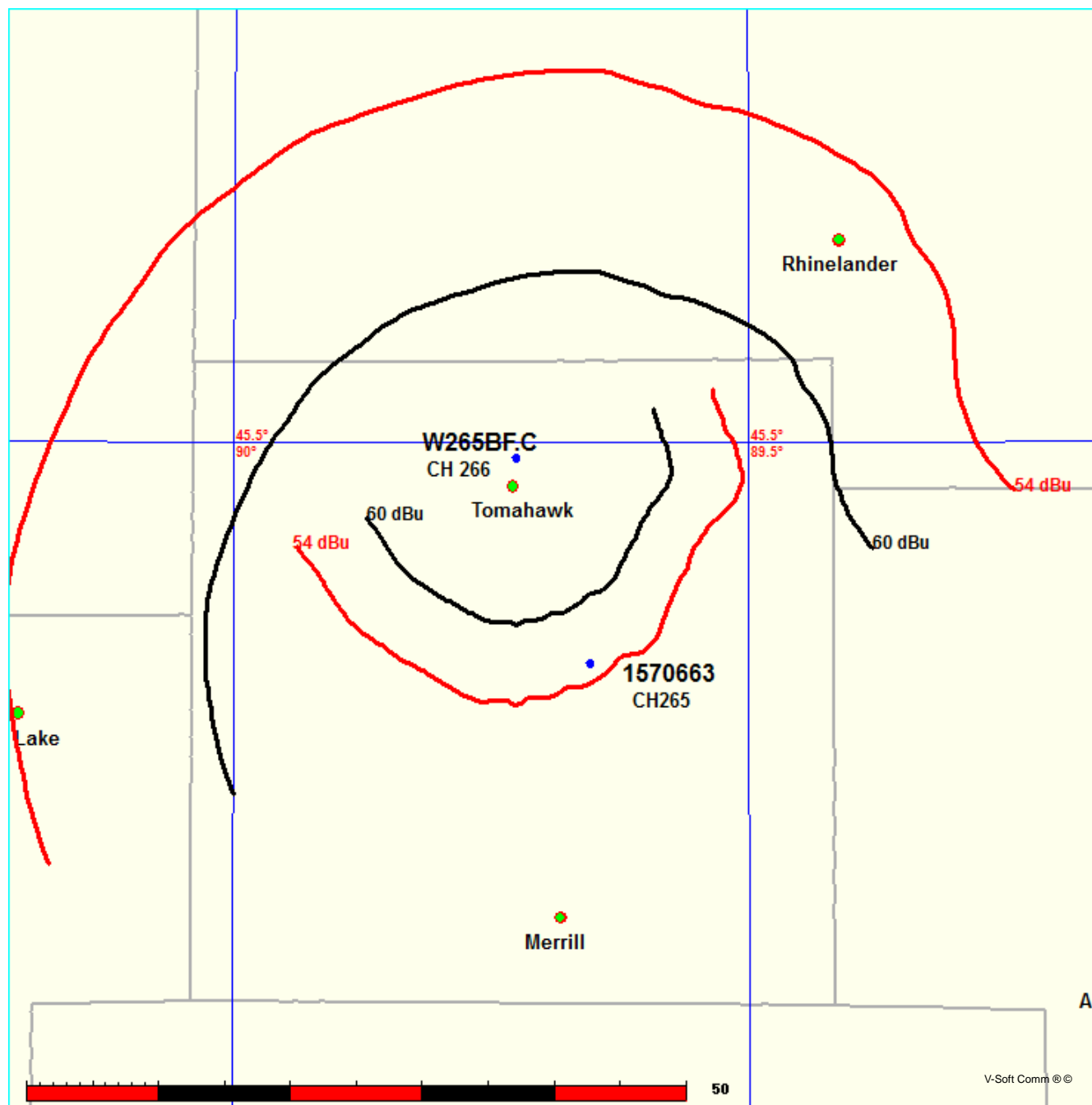


Preclusion Study Channel 266 - W265BF into New Tomahawk
Albert Broadcasting II LLC

FMCommander Single Allocation Study - 10-01-2013 - NGDC 30 SEC
W265BF.C's Overlaps (In= -40.14 km, Out= -30.72 km)

W265BF.C CH 266 D
Lat= 45 29 26.0, Lng= 89 43 34.0
0.25 kW 81.6 M HAAT, 533 M COR
Prot.= 60 dBu, Intef.= 54 dBu

1570663 CH 265 C3 73.215 N BNPH20130724AFV
Lat= 45 21 08.0, Lng= 89 39 13.0
3.0 kW 149 M HAAT, 599 M COR
Prot.= 60 dBu, Intef.= 54 dBu



Preclusion Study Channel 267 - W265BF into W267AF
Albert Broadcasting II LLC

FMCommander Single Allocation Study - 10-01-2013 - NGDC 30 SEC
W265BF.C's Overlaps (In= -19.23 km, Out= -18.76 km)

W265BF.C CH 267 D
Lat= 45 29 26.0, Lng= 89 43 34.0
0.25 kW 81.6 M HAAT, 533 M COR
Prot.= 60 dBu, Intef.= 40 dBu

W267AF CH 267 D BLFT20120313AAU
Lat= 45 37 42.0, Lng= 89 23 38.0
0.25 kW 0 M HAAT, 550 M COR
Prot.= 60 dBu, Intef.= 40 dBu

