

KNWF												
Minor Modification												
REFERENCE		CH#	218A	-	91.5 MHz, Pwr= 0.5 kW, HAAT=107.0 M, COR= 480 M				DISPLAY DATES			
46 19 16 N		Average Protected F(50-50)= 15.96 km									DATA 03-20-02	
96 05 36 W		Ave. F(50-10) 40 dBu= 53.4 54 dBu= 23.9 80 dBu= 5.1 100 dBu= 1.6									SEARCH 03-20-02	
CH	CALL	TYPE		AZI.	DIST	LAT.	Pwr(kW)	COR(M)	PRO(km)	*IN*	*OUT*	
CITY		STATE		<--	FILE #	LNG.	HAAT(M)	INT(km)	LICENSEE	(Overlap in km)		
218A	KNWF	CP	CN	0.0	0.00	46 19 16	0.100	445	8.6	-44.34<	-61.96<	
Fergus Falls		MN		180.0	BPED19981120MC	96 05 36	69	28.4	Minnesota Public Radio			
217C	*KRSU	LIC	CN	176.8	128.42	45 10 03	75.000	648	71.7	7.02	31.26	
Appleton		MN		356.8	BLED19891031KB	96 00 02	330	104.3	Minnesota Public Radio			
> Reference HAAT at 176.8°= 121.2 M, Pwr= 0.5 kW, Pro. Dist. = 17.12 km, Int Dist. = 25.43 km												
216C1	*KCCMFM	LIC	CN	321.3	62.70	46 45 35	67.000	486	60.0	41.03	1.16	
Moorhead		MN		141.3	BLED19811119AL	96 36 26	199	7.4	Minnesota Public Radio			
> Reference HAAT at 321.3°= 87.8 M, Pwr= 0.5 kW, Pro. Dist. = 14.3 km, Int Dist. = 1.57 km												
218C1	KQMN.A	APP	DCX	348.2	188.22	47 58 38	84.000	473	62.0	14.91	72.79	
Thief River Falls		MN		168.2	BPED20020130ACE	96 36 32	199	157.3	Minnesota Public Radio			
218C1	KQMN	LIC	CN	348.2	188.22	47 58 38	84.000	474	62.0	14.91	72.79	
Thief River Falls		MN		168.2	BLED19901205KF	96 36 32	199	157.3	Minnesota Public Radio			
220C	KDSU	LIC	CN	312.9	114.07	47 00 48	100.000	593	72.5	87.95	39.96	
Fargo		ND		132.9	BLED19820621AB	97 11 37	302	10.2	North Dakota State Univers			
218C3	KCFB	LIC	C	121.8	170.16	45 30 02	15.000	435	36.0	50.71	80.79	
St. Cloud		MN		301.8	BLED19991213AAH	94 14 31	106	103.5	Minnesota Christian B/cast			
218C3	ALLO	VAC		121.8	170.16	45 30 02	25.000	0	39.1	40.56	77.69	
St. Cloud		MN		301.8	RM9391	94 14 31	100	113.6				
272C2	KRCQ	LIC	CN	24.3	59.30	46 48 24	50.000	583	52.2	15.0R	44.3M	
Detroit Lakes		MN		204.3	BLH19940715KB	95 46 23	150	0.0	Detroit Lakes Broadcasting			
218B1	KPRJ	LIC	CN	286.1	193.05	46 46 36	18.500	549	37.9	68.94	101.72	
Jamestown		ND		106.1	BLED19930617KB	98 31 20	108	108.1	Prairie Public Broadcastin			
217C1	KNBJ.A	APP	CX	34.9	188.90	47 42 16	100.000	713	72.2	68.05	92.77	
Bemidji		MN		214.9	BMPED20011114ABR	94 39 03	298	104.9	Minnesota Public Radio			
217C1	KNBJ.C	CP	CX	37.5	193.78	47 41 29	80.000	680	66.8	79.95	103.08	
Bemidji		MN		217.5	BPED20010208AAN	94 31 06	259	97.9	Minnesota Public Radio			
217C1	KNBJ	LIC	CN	37.9	196.06	47 42 03	60.000	717	67.0	82.46	105.17	
Bemidji		MN		217.9	BLED19940711KY	94 29 15	297	97.6	Minnesota Public Radio			
215C1	KDSDFM	LIC	CN	233.8	153.12	45 29 55	70.000	847	70.5	127.62	81.06	
Pierpont		SD		53.8	BLED19840416CA	97 40 35	323	9.5	South Dakota Brd Of Dir Fo			
06Z2C	WDAYTV	LI	HN	312.7	114.30	47 00 43	100.000	643	107.4	To Grd B=	6.94	
Fargo		ND		132.7	BMLCT624	97 11 58	351	0.0	Forum Communications Compa			

 "*" = ERP and HAAT on direct line to and from reference station. "<" = Contour Overlap