

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-19-2004 Time: 17:18:26

Record Selected for Analysis

W55DF USERRECORD-01 ROCHELLE IL US
Channel 55 ERP 80. kW HAAT 106. m RCAMSL 00328 m
Latitude 041-56-37 Longitude 0088-08-24
Status APP Zone 2 Border Offset +
Dir Antenna Make CDB Model 00000000017789 Beam tilt N Ref Azimuth 190.
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	0.052	81.4	3.5
45.0	0.041	101.8	3.7
90.0	46.208	106.0	22.7
135.0	75.272	97.3	24.4
180.0	76.832	99.4	24.7
225.0	66.978	97.1	23.7
270.0	75.272	98.3	24.5
315.0	2.178	90.5	9.4

Contour Overlap Evaluation from LPTV Station to Full Service TV & DTV

Contour overlap to station
KWVL 55 WATERLOO IA BLCDT 20020422AAG

Contour overlap to station
WRSP-TV 55 SPRINGFIELD IL BLCT 20030627AAF

Contour overlap to station
WPXE 55 KENOSHA WI BLCT 19970707KE

Contour overlap to station
WYIN 56 GARY IN BLET 19880105KE

Spacing violation to station

WJYS 62 HAMMOND IN BLCT 19910405KF
Site-to-site distance 52.4km

Contour Overlap Evaluation from LPTV to Full Service TV & DTV Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Contour overlap to station
W68DO 40 PALATINE IL BPTT 20030722ABQ

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station			
Channel	Call	City/State	ARN
55	W55DF	ROCHELLE IL	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	W68DO	PALATINE IL	42.3	APP	BPTT	-20030722ABQ
55	KWWL	WATERLOO IA	309.2	LIC	BLCDT	-20020422AAG
55	WRSP-TV	SPRINGFIELD IL	262.4	LIC	BLCT	-20030627AAF
55	WPXE	KENOSHA WI	91.9	LIC	BLCT	-19970707KE
56	WYIN	GARY IN	90.2	LIC	BLET	-19880105KE
62	WJYS	HAMMOND IN	52.4	LIC	BLCT	-19910405KF

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
40	W68DO	PALATINE IL	BPTT	-20030722ABQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
33	WITI-DT	MILWAUKEE WI	136.3	PLN	DTVPLN	-DTVP0922
36	WJYS	HAMMOND IN	0.0	LIC	BLCDT	-20020801ABI
36	WJYS-DT	HAMMOND IN	38.3	PLN	DTVPLN	-DTVP1013
39	W57DN	ELGIN IL	0.0	APP	BPTT	-20031202AAF
40	KFXB	DUBUQUE IA	255.8	CP	BPCT	-19960711KS
40	WHOI-DT	PEORIA IL	212.5	PLN	DTVPLN	-DTVP1122
40	WFWA	FORT WAYNE IN	221.0	CP	BPEDT	-20000414AAY
40	WFWA-DT	FORT WAYNE IN	221.0	PLN	DTVPLN	-DTVP1123
40	WHMB-TV	INDIANAPOLIS IN	251.2	LIC	BLCT	-19990922AAW
40	WWTW-DT	CADILLAC MI	312.6	PLN	DTVPLN	-DTVP1129
40	WMKG-LP	MUSKEGON MI	195.0	LIC	BLTTL	-19980313JF
40	WLMB	TOLEDO OH	300.0	LIC	BLCT	-19981029KE
40	WPXE	KENOSHA WI	137.0	CP MOD	BMPCDT	-20020711AAJ
40	WHKE-DT	KENOSHA WI	101.7	PLN	DTVPLN	-DTVP1146
40	WSAW-DT	WAUSAU WI	376.6	PLN	DTVPLN	-DTVP1147
41	WOCH-LP	CHICAGO IL	2.5	CP	BPTTL	-20010711ABW
42	WQRF-TV	ROCKFORD IL	134.1	APP	BPCDT	-19991029AIK
42	WQRF-DT	ROCKFORD IL	134.1	PLN	DTVPLN	-DTVP1191
42	WNDU-DT	SOUTH BEND IN	121.9	PLN	DTVPLN	-DTVP1193
42	WNDU-TV	SOUTH BEND IN	121.8	APP	BPCDT	-20000427AAD
43	WCPX	CHICAGO IL	0.0	CP	BPCDT	-19990824KE
43	WCFC-DT	CHICAGO IL	2.5	PLN	DTVPLN	-DTVP1225
47	WTTW-DT	CHICAGO IL	0.0	PLN	DTVPLN	-DTVP1359

47	WTTW	CHICAGO IL	0.0	LIC	BLEDT	
48	WHME-DT	SOUTH BEND IN	126.3	PLN	DTVPLN	-DTVP1390
48	WHME-TV	SOUTH BEND IN	126.3	CP	BPCDT	-19991005ABP
48	WJJA	RACINE WI	136.1	APP	BPCDT	-19991101AJW
48	WJJA-DT	RACINE WI	136.1	PLN	DTVPLN	-DTVP1406
54	960920WE	KANKAKEE IL	82.6	APP	BPET	-19960920WE
54	WREX-DT	ROCKFORD IL	140.3	PLN	DTVPLN	-DTVP1546
55	WPXE	KENOSHA WI	101.7	LIC	BLCT	-19970707KE
55	W55DF	ROCHELLE IL	42.3	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 2

DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
55	KWWL-DT	WATERLOO IA	DTVPLN	-DTVP1565

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
54	WREX-DT	ROCKFORD IL	214.3	PLN	DTVPLN	-DTVP1546
55	WRSPTV	SPRINGFIELD IL	352.2	PLN	DTVPLN	-NPLN1850
55	WHKE	KENOSHA WI	320.0	PLN	DTVPLN	-NPLN1859
55	NEW	WITTENBERG WI	353.1	PLN	DTVPLN	-NPLN1860
56	KWQC-DT	DAVENPORT IA	147.7	PLN	DTVPLN	-DTVP1581

Results for: 55A IA WATERLOO DTVPLN DTVP1565 PLN
HAAT 604.0 m, ATV ERP 1000.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	954378	44941.9
not affected by terrain losses	941226	44084.2
lost to NTSC IX	4094	273.8
lost to additional IX by ATV	14943	1296.6
lost to ATV IX only	15777	1344.9
lost to all IX	19037	1570.4

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
07	KWWL	WATERLOO IA	DTVPLN	-NPLN0469

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
07	WLSTV	CHICAGO IL	351.7	PLN	DTVPLN	-NPLN0471
07	KHQATV	HANNIBAL MO	273.3	PLN	DTVPLN	-NPLN0481
07	KETV	OMAHA NE	366.8	PLN	DTVPLN	-NPLN0488
07	KTTW-DT	SIOUX FALLS SD	417.8	PLN	DTVPLN	-DTVP0036
07	WSAWTV	WAUSAU WI	329.2	PLN	DTVPLN	-NPLN0512
08	KCCI	DES MOINES IA	160.5	PLN	DTVPLN	-NPLN0530
08	WQADTV	MOLINE IL	171.4	PLN	DTVPLN	-NPLN0533
08	WKBT	LA CROSSE WI	192.3	PLN	DTVPLN	-NPLN0573

Results for:	7N IA WATERLOO	DTVPLN	NPLN0469	PLN
		POPULATION	AREA (sq km)	
	within Noise Limited Contour	954378	44941.9	
	not affected by terrain losses	924685	42715.2	
	lost to NTSC IX	144442	6789.0	
	lost to additional IX by ATV	0	0.0	
	lost to all IX	144442	6789.0	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
55	KWWL	WATERLOO IA	BLCDT	-20020422AAG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
54	WREX-DT	ROCKFORD IL	214.2	PLN	DTVPLN	-DTVP1546
55	WRSP-TV	SPRINGFIELD IL	352.0	LIC	BLCT	-20030627AAF
55	WPXE	KENOSHA WI	319.9	LIC	BLCT	-19970707KE
55	WFXS	WITTENBERG WI	351.5	CP MOD	BMPCT	-19980925KI
56	KWQC-TV	DAVENPORT IA	171.2	CP MOD	BMPCDT	-20021015AAM
56	KWQC-DT	DAVENPORT IA	147.5	PLN	DTVPLN	-DTVP1581
56	KDMI	DES MOINES IA	159.3	APP	BMPCDT	-20031029ABH
56	KDMI	DES MOINES IA	159.3	CP	BNPCDT	-19960117KE
56	NEW	DES MOINES IA	166.7	LIC	BPRM	-20000717ACU
55	W55DF	ROCHELLE IL	309.2	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
55	WRSPTV	SPRINGFIELD IL	DTVPLN	-NPLN1850

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WTVP	PEORIA IL	92.9	PLN	DTVPLN	-NPLN1716
48	WCIA-DT	CHAMPAIGN IL	91.5	PLN	DTVPLN	-DTVP1389
53	WCFN-DT	SPRINGFIELD IL	6.0	PLN	DTVPLN	-DTVP1528
54	WGEM-DT	QUINCY IL	161.7	PLN	DTVPLN	-DTVP1545
55	KWWL-DT	WATERLOO IA	352.2	PLN	DTVPLN	-DTVP1565
55	WFFT-TV	FORT WAYNE IN	387.8	PLN	DTVPLN	-NPLN1851
55	WHAS-DT	LOUISVILLE KY	349.4	PLN	DTVPLN	-DTVP1566
55	WHKE	KENOSHA WI	351.6	PLN	DTVPLN	-NPLN1859
56	KMOV-DT	ST. LOUIS MO	159.1	PLN	DTVPLN	-DTVP1587
57	WEEK-DT	PEORIA IL	92.8	PLN	DTVPLN	-DTVP1603
59	WAOE	PEORIA IL	102.9	PLN	DTVPLN	-NPLN1905

Results for: 55N IL SPRINGFIELD	DTVPLN	NPLN1850	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	581375	21766.7	
not affected by terrain losses	580844	21670.7	
lost to NTSC IX	122	12.0	
lost to additional IX by ATV	35	8.0	
lost to all IX	157	20.0	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
55	WRSP-TV	SPRINGFIELD IL	BLCT	-20030627AAF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WTVP	PEORIA IL	92.8	LIC	BLET	-19811118KJ
48	WCIA-DT	CHAMPAIGN IL	91.5	PLN	DTVPLN	-DTVP1389

53	WCFN	SPRINGFIELD IL	5.9	CP	BPCDT	-19991026ABC
53	WCFN-DT	SPRINGFIELD IL	5.9	PLN	DTVPLN	-DTVP1528
54	960920WE	KANKAKEE IL	201.2	APP	BPET	-19960920WE
54	WGEM-DT	QUINCY IL	161.7	PLN	DTVPLN	-DTVP1545
55	KWWL-DT	WATERLOO IA	352.1	PLN	DTVPLN	-DTVP1565
55	WFFT-TV	FT. WAYNE IN	387.9	LIC	BLCT	-20001002APS
55	WHAS-TV	LOUISVILLE KY	349.4	LIC	BLCDDT	-20020503AAT
55	WHAS-DT	LOUISVILLE KY	349.4	PLN	DTVPLN	-DTVP1566
55	WPXE	KENOSHA WI	351.6	LIC	BLCT	-19970707KE
56	KWQC-TV	DAVENPORT IA	185.7	CP MOD	BMPCDT	-20021015AAM
56	KMOV	ST. LOUIS MO	159.1	LIC	BLCDDT	-19991002AAB
56	KMOV-DT	ST. LOUIS MO	159.1	PLN	DTVPLN	-DTVP1587
57	WEEK-TV	PEORIA IL	92.7	LIC	BLCDDT	-20030523AFL
57	WEEK-DT	PEORIA IL	92.7	PLN	DTVPLN	-DTVP1603
59	WAOE	PEORIA IL	102.8	LIC	BLCT	-19990721KG
55	W55DF	ROCHELLE IL	262.4	APP	USERRECORD-01	

Total scenarios = 2

Result key: 1
Scenario 1 Affected station 3
Before Analysis

Results for: 55N IL SPRINGFIELD	BLCT	20030627AAF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	582181	21762.6	
not affected by terrain losses	581565	21678.6	
lost to NTSC IX	173	20.0	
lost to additional IX by ATV	62	12.0	
lost to all IX	235	32.0	

Potential Interfering Stations Included in above Scenario 1

47N IL PEORIA	BLET	19811118KJ	LIC
55A IA WATERLOO	DTVPLN	DTVP1565	PLN
57A IL PEORIA	BLCDDT	20030523AFL	LIC

After Analysis

Results for: 55N IL SPRINGFIELD	BLCT	20030627AAF	LIC
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	POPULATION	AREA (sq km)
within Noise Limited Contour	582181	21762.6
not affected by terrain losses	581565	21678.6
lost to NTSC IX	299	44.0
lost to additional IX by ATV	0	4.0
lost to all IX	299	48.0

Potential Interfering Stations Included in above Scenario 1

47N IL PEORIA	BLET	19811118KJ	LIC
55A IA WATERLOO	DTVPLN	DTVP1565	PLN
57A IL PEORIA	BLCDDT	20030523AFL	LIC
55N IL ROCHELLE	USERRECORD01		APP

Result key: 2
Scenario 2 Affected station 3
Before Analysis

Results for: 55N IL SPRINGFIELD	BLCT	20030627AAF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	582181	21762.6	
not affected by terrain losses	581565	21678.6	
lost to NTSC IX	173	20.0	
lost to additional IX by ATV	24	8.0	
lost to all IX	197	28.0	

Potential Interfering Stations Included in above Scenario 2

47N IL PEORIA	BLET	19811118KJ	LIC
55A IA WATERLOO	DTVPLN	DTVP1565	PLN
57A IL PEORIA	DTVPLN	DTVP1603	PLN

After Analysis

Results for: 55N IL SPRINGFIELD	BLCT	20030627AAF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	582181	21762.6	
not affected by terrain losses	581565	21678.6	
lost to NTSC IX	299	44.0	
lost to additional IX by ATV	0	4.0	
lost to all IX	299	48.0	

Potential Interfering Stations Included in above Scenario 2

47N IL PEORIA	BLET	19811118KJ	LIC
55A IA WATERLOO	DTVPLN	DTVP1565	PLN
57A IL PEORIA	DTVPLN	DTVP1603	PLN
55N IL ROCHELLE	USERRECORD01		APP

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Analysis of Interference to Affected Station 4

NTSC Baseline Analysis
Channel Call City/State Application Ref. No.

55 WHKE KENOSHA WI DTVPLN -NPLN1859

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WTTW-DT	CHICAGO IL	101.7	PLN	DTVPLN	-DTVP1359
47	WMSNTV	MADISON WI	131.9	PLN	DTVPLN	-NPLN1727
48	WJJA-DT	RACINE WI	36.7	PLN	DTVPLN	-DTVP1406
51	WPWR-DT	GARY IN	101.7	PLN	DTVPLN	-DTVP1478
52	WLS-DT	CHICAGO IL	101.7	PLN	DTVPLN	-DTVP1507
52	WWSR	MAYVILLE WI	87.8	PLN	DTVPLN	-NPLN1818
53	WGBO-DT	JOLIET IL	99.8	PLN	DTVPLN	-DTVP1527
54	WREX-DT	ROCKFORD IL	116.4	PLN	DTVPLN	-DTVP1546
54	WTLJ	MUSKEGON MI	169.5	PLN	DTVPLN	-NPLN1842
55	KWWL-DT	WATERLOO IA	320.0	PLN	DTVPLN	-DTVP1565
55	WRSPTV	SPRINGFIELD IL	351.6	PLN	DTVPLN	-NPLN1850
55	WFFT-TV	FORT WAYNE IN	293.5	PLN	DTVPLN	-NPLN1851
55	WKAR-DT	EAST LANSING MI	290.0	PLN	DTVPLN	-DTVP1570
55	NEW	WITTENBERG WI	281.3	PLN	DTVPLN	-NPLN1860
56	WYIN	GARY IN	163.7	PLN	DTVPLN	-NPLN1865
56	WFRV-DT	GREEN BAY WI	182.9	PLN	DTVPLN	-DTVP1599
57	WJNW	JANESVILLE WI	103.4	PLN	DTVPLN	-NPLN1887
58	WDJT-TV	MILWAUKEE WI	39.1	PLN	DTVPLN	-NPLN1900
59	WEHS-DT	AURORA IL	101.7	PLN	DTVPLN	-DTVP1647
62	WJYS	HAMMOND IN	135.1	PLN	DTVPLN	-NPLN1934

Results for: 55N WI KENOSHA	DTVPLN	NPLN1859	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2100239	11344.5	
not affected by terrain losses	2094964	11296.5	
lost to NTSC IX	53883	356.3	
lost to additional IX by ATV	1313	40.0	
lost to all IX	55196	396.3	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
55	WPXE	KENOSHA WI	BLCT	-19970707KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WTTW-DT	CHICAGO IL	101.7	PLN	DTVPLN	-DTVP1359
47	WTTW	CHICAGO IL	101.7	LIC	BLEDT	-20020408ABK
47	WMSN-TV	MADISON WI	131.9	LIC	BMLCT	-20010817AAS
48	WJJA	RACINE WI	36.7	APP	BPCDT	-19991101AJW
48	WJJA-DT	RACINE WI	36.7	PLN	DTVPLN	-DTVP1406
51	WPWR-DT	GARY IN	101.7	PLN	DTVPLN	-DTVP1478
51	WPWR-TV	GARY IN	101.7	CP	BPCDT	-19991101ALA
52	WLS-DT	CHICAGO IL	101.7	PLN	DTVPLN	-DTVP1507
52	WWRS-TV	MAYVILLE WI	87.8	LIC	BLCT	-20011115ADW
53	WGBD-DT	JOLIET IL	99.8	PLN	DTVPLN	-DTVP1527
53	WGBD-TV	JOLIET IL	99.8	CP	BPCDT	-19991029AHU
54	960920WE	KANKAKEE IL	178.4	APP	BPET	-19960920WE
54	WREX-DT	ROCKFORD IL	116.4	PLN	DTVPLN	-DTVP1546
54	WTLJ	MUSKEGON MI	169.5	LIC	BLCT	-19861110KI
55	KWWL-DT	WATERLOO IA	320.0	PLN	DTVPLN	-DTVP1565
55	WRSP-TV	SPRINGFIELD IL	351.6	LIC	BLCT	-20030627AAF
55	WFFT-TV	FT. WAYNE IN	293.5	LIC	BLCT	-20001002APS
55	WKAR-DT	EAST LANSING MI	290.0	PLN	DTVPLN	-DTVP1570
55	WFXS	WITTENBERG WI	282.0	CP MOD	BMPCT	-19980925KI
56	WYIN	GARY IN	163.7	LIC	BLET	-19880105KE
56	WYIN	GARY IN	101.7	APP	BPET	-20010716AAS
56	WFRV-DT	GREEN BAY WI	182.9	PLN	DTVPLN	-DTVP1599
56	WFRV-TV	GREEN BAY WI	174.9	CP MOD	BMPCDT	-20020201AAM
57	WBUW	JANESVILLE WI	131.9	CP MOD	BMPCT	-20020405AAI
58	WDJT-TV	MILWAUKEE WI	39.1	LIC	BLCT	-19961211KF
59	WXFT-TV	AURORA IL	101.7	LIC	BLCDT	-20020918AAT

59	WEHS-DT	AURORA IL	101.7	PLN	DTVPLN	-DTVPL1647
62	WJYS	HAMMOND IN	135.1	LIC	BLCT	-19910405KF
55	W55DF	ROCHELLE IL	91.9	APP	USERRECORD-01	

Total scenarios = 2

Result key: 3
Scenario 1 Affected station 4
Before Analysis

Results for: 55N WI KENOSHA

	BLCT	19970707KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2100239	11344.5	
not affected by terrain losses	2094964	11296.5	
lost to NTSC IX	52169	276.2	
lost to additional IX by ATV	1430	52.0	
lost to all IX	53599	328.2	

Potential Interfering Stations Included in above Scenario 1

55N WI WITTENBERG	BMPCT	19980925KI	CP
58N WI MILWAUKEE	BLCT	19961211KF	LIC
54A IL ROCKFORD	DTVPLN	DTVP1546	PLN
55A IA WATERLOO	DTVPLN	DTVP1565	PLN

After Analysis

Results for: 55N WI KENOSHA

	BLCT	19970707KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2100239	11344.5	
not affected by terrain losses	2094964	11296.5	
lost to NTSC IX	58360	296.2	
lost to additional IX by ATV	1430	52.0	
lost to all IX	59790	348.3	

Potential Interfering Stations Included in above Scenario 1

55N WI WITTENBERG	BMPCT	19980925KI	CP
58N WI MILWAUKEE	BLCT	19961211KF	LIC
54A IL ROCKFORD	DTVPLN	DTVP1546	PLN
55A IA WATERLOO	DTVPLN	DTVP1565	PLN
55N IL ROCHELLE	USERRECORD01		APP

Result key: 4
Scenario 2 Affected station 4
Before Analysis

Results for: 55N WI KENOSHA

	BLCT	19970707KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2100239	11344.5	
not affected by terrain losses	2094964	11296.5	
lost to NTSC IX	58979	316.2	
lost to additional IX by ATV	1430	52.0	

lost to all IX 60409 368.3

Potential Interfering Stations Included in above Scenario 2

55N WI WITTENBERG	BMPCT	19980925KI	CP
56N IN GARY	BPET	20010716AAS	APP
58N WI MILWAUKEE	BLCT	19961211KF	LIC
54A IL ROCKFORD	DTVPLN	DTVP1546	PLN
55A IA WATERLOO	DTVPLN	DTVP1565	PLN

After Analysis

Results for: 55N WI KENOSHA	BLCT	19970707KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2100239	11344.5	
not affected by terrain losses	2094964	11296.5	
lost to NTSC IX	63200	324.2	
lost to additional IX by ATV	1430	52.0	
lost to all IX	64630	376.3	

Potential Interfering Stations Included in above Scenario 2

55N WI WITTENBERG	BMPCT	19980925KI	CP
56N IN GARY	BPET	20010716AAS	APP
58N WI MILWAUKEE	BLCT	19961211KF	LIC
54A IL ROCKFORD	DTVPLN	DTVP1546	PLN
55A IA WATERLOO	DTVPLN	DTVP1565	PLN
55N IL ROCHELLE	USERRECORD01		APP

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Analysis of Interference to Affected Station 5

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
56	WYIN	GARY IN	DTVPLN	-NPLN1865

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WHME-DT	SOUTH BEND IN	106.8	PLN	DTVPLN	-DTVP1390
49	WJJA	RACINE WI	197.6	PLN	DTVPLN	-NPLN1766
52	WLS-DT	CHICAGO IL	62.1	PLN	DTVPLN	-DTVP1507
53	WGBO-DT	JOLIET IL	63.9	PLN	DTVPLN	-DTVP1527
55	WFFT-TV	FORT WAYNE IN	186.2	PLN	DTVPLN	-NPLN1851
55	WHKE	KENOSHA WI	163.7	PLN	DTVPLN	-NPLN1859
56	KWQC-DT	DAVENPORT IA	257.2	PLN	DTVPLN	-DTVP1581

56	WCLJ-DT	BLOOMINGTON IN	240.9	PLN	DTVPLN	-DTVP1582
56	WTVS	DETROIT MI	360.9	PLN	DTVPLN	-NPLN1868
56	WCMU-DT	MOUNT PLEASANT MI	327.9	PLN	DTVPLN	-DTVP1585
56	KMOV-DT	ST. LOUIS MO	399.0	PLN	DTVPLN	-DTVP1587
56	WBGU-DT	BOWLING GREEN OH	293.0	PLN	DTVPLN	-DTVP1591
56	WFRV-DT	GREEN BAY WI	343.3	PLN	DTVPLN	-DTVP1599
57	WEEK-DT	PEORIA IL	197.0	PLN	DTVPLN	-DTVP1603
58	WSJV-DT	ELKHART IN	104.8	PLN	DTVPLN	-DTVP1624
59	WEHS-DT	AURORA IL	62.1	PLN	DTVPLN	-DTVP1647
60	WEHSTV	AURORA IL	62.1	PLN	DTVPLN	-NPLN1913

Results for: 56N IN GARY	DTVPLN	NPLN1865	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	18167	32.0	
lost to additional IX by ATV	80874	200.0	
lost to all IX	99041	232.0	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
56	WYIN	GARY IN	BLET	-19880105KE

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
48	WHME-DT	SOUTH BEND IN	106.8	PLN	DTVPLN	-DTVP1390
48	WHME-TV	SOUTH BEND IN	106.8	CP	BPCDT	-19991005ABP
49	WJJA	RACINE WI	197.6	CP	BPCT	-19960328KG
52	WLS-DT	CHICAGO IL	62.1	PLN	DTVPLN	-DTVP1507
53	WGBO-DT	JOLIET IL	63.9	PLN	DTVPLN	-DTVP1527
53	WGBO-TV	JOLIET IL	63.9	CP	BPCDT	-19991029AHU
54	960920WE	KANKAKEE IL	44.8	APP	BPET	-19960920WE
55	WFFT-TV	FT. WAYNE IN	186.3	LIC	BLCT	-20001002APS
55	WPXE	KENOSHA WI	163.7	LIC	BLCT	-19970707KE
56	KWQC-TV	DAVENPORT IA	248.7	CP MOD	BMPCDT	-20021015AAM

Rochelle, IL, Channel 55
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Exhibit 6, Attachment A

56	KWQC-DT	DAVENPORT IA	257.2	PLN	DTVPLN	-DTVP1581
56	WCLJ-TV	BLOOMINGTON IN	240.9	CP	BPCDT	-19990414KF
56	WCLJ-DT	BLOOMINGTON IN	240.9	PLN	DTVPLN	-DTVP1582
56	WTVS	DETROIT MI	360.9	LIC	BLET	-19840124KG
56	WCMU-TV	MOUNT PLEASANT MI	321.8	CP	BPEDT	-20000404AAP
56	WCMU-DT	MOUNT PLEASANT MI	327.9	PLN	DTVPLN	-DTVP1585
56	KMOV	ST. LOUIS MO	399.0	LIC	BLCDT	-19991002AAB
56	KMOV-DT	ST. LOUIS MO	399.0	PLN	DTVPLN	-DTVP1587
56	WBGU-DT	BOWLING GREEN OH	293.0	PLN	DTVPLN	-DTVP1591
56	WBGU-TV	BOWLING GREEN OH	292.9	CP MOD	BMPEDT	-20030610AAI
56	960920WG	COLUMBUS OH	399.2	APP	BPET	-19960920WG
56	NEW	DEFIANCE OH	292.9	APP	BPRM	-20030718AIQ
56	WFRV-DT	GREEN BAY WI	343.3	PLN	DTVPLN	-DTVP1599
56	WFRV-TV	GREEN BAY WI	335.1	CP MOD	BMPCDT	-20020201AAM
57	WEEK-TV	PEORIA IL	197.1	LIC	BLCDT	-20030523AFL
57	WEEK-DT	PEORIA IL	197.0	PLN	DTVPLN	-DTVP1603
58	WSJV-DT	ELKHART IN	104.8	PLN	DTVPLN	-DTVP1624
58	WSJV	ELKHART IN	104.8	CP	BPCDT	-19991101ADP
59	WXFT-TV	AURORA IL	62.1	LIC	BLCDT	-20020918AAT
59	WEHS-DT	AURORA IL	62.1	PLN	DTVPLN	-DTVP1647
60	WXFT-TV	AURORA IL	62.1	CP	BPCT	-19960708KF
55	W55DF	ROCHELLE IL	90.2	APP	USERRECORD-01	

Total scenarios = 12

Result key: 5
Scenario 1 Affected station 5
Before Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	18167	32.0	

lost to additional IX by ATV	95308	232.0
lost to all IX	113475	264.0

Potential Interfering Stations Included in above Scenario 1

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	BMPCDT	20021015AAM	CP

After Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	32954	76.0	
lost to additional IX by ATV	80521	188.0	
lost to all IX	113475	264.0	

Potential Interfering Stations Included in above Scenario 1

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	BMPCDT	20021015AAM	CP
55N IL ROCHELLE	USERRECORD01		APP

Result key: 6
Scenario 2 Affected station 5
Before Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	18167	32.0	
lost to additional IX by ATV	80874	200.0	
lost to all IX	99041	232.0	

Potential Interfering Stations Included in above Scenario 2

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN

After Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	32954	76.0	
lost to additional IX by ATV	66282	160.0	
lost to all IX	99236	236.0	

Potential Interfering Stations Included in above Scenario 2

60N IL AURORA	BPCT	19960708KF	CP
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53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN
55N IL ROCHELLE	USERRECORD01		APP

Result key: 7
Scenario 3 Affected station 5
Before Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	18167	32.0	
lost to additional IX by ATV	95308	232.0	
lost to all IX	113475	264.0	

Potential Interfering Stations Included in above Scenario 3

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	BMPCDT	20021015AAM	CP

After Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	32954	76.0	
lost to additional IX by ATV	80521	188.0	
lost to all IX	113475	264.0	

Potential Interfering Stations Included in above Scenario 3

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	BMPCDT	20021015AAM	CP
55N IL ROCHELLE	USERRECORD01		APP

Result key: 8
Scenario 4 Affected station 5
Before Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	18167	32.0	
lost to additional IX by ATV	80874	200.0	
lost to all IX	99041	232.0	

Potential Interfering Stations Included in above Scenario 4

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN

After Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	32954	76.0	
lost to additional IX by ATV	66282	160.0	
lost to all IX	99236	236.0	

Potential Interfering Stations Included in above Scenario 4

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN
55N IL ROCHELLE	USERRECORD01		APP

Result key: 9
Scenario 5 Affected station 5
Before Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	24248	48.0	
lost to additional IX by ATV	95153	228.0	
lost to all IX	119401	276.0	

Potential Interfering Stations Included in above Scenario 5

54N IL KANKAKEE	BPET	19960920WE	APP
60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	BMPCDT	20021015AAM	CP

After Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	39035	92.0	
lost to additional IX by ATV	80366	184.0	
lost to all IX	119401	276.0	

Potential Interfering Stations Included in above Scenario 5

54N IL KANKAKEE	BPET	19960920WE	APP
60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	BMPCDT	20021015AAM	CP
55N IL ROCHELLE	USERRECORD01		APP

Result key: 10
Scenario 6 Affected station 5
Before Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	24248	48.0	
lost to additional IX by ATV	80719	196.0	
lost to all IX	104967	244.0	

Potential Interfering Stations Included in above Scenario 6

54N IL KANKAKEE	BPET	19960920WE	APP
60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN

After Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	39035	92.0	
lost to additional IX by ATV	66127	156.0	
lost to all IX	105162	248.0	

Potential Interfering Stations Included in above Scenario 6

54N IL KANKAKEE	BPET	19960920WE	APP
60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN
55N IL ROCHELLE	USERRECORD01		APP

Result key: 11
Scenario 7 Affected station 5
Before Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	24248	48.0	
lost to additional IX by ATV	95153	228.0	
lost to all IX	119401	276.0	

Potential Interfering Stations Included in above Scenario 7

54N IL KANKAKEE	BPET	19960920WE	APP
60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	BMPCDT	20021015AAM	CP

After Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	

within Noise Limited Contour	4408417	15233.8
not affected by terrain losses	4408399	15229.8
lost to NTSC IX	39035	92.0
lost to additional IX by ATV	80366	184.0
lost to all IX	119401	276.0

Potential Interfering Stations Included in above Scenario 7

54N IL KANKAKEE	BPET	19960920WE	APP
60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	BMPCDT	20021015AAM	CP
55N IL ROCHELLE	USERRECORD01		APP

Result key: 12
Scenario 8 Affected station 5
Before Analysis

Results for: 56N IN GARY

	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	24248	48.0	
lost to additional IX by ATV	80719	196.0	
lost to all IX	104967	244.0	

Potential Interfering Stations Included in above Scenario 8

54N IL KANKAKEE	BPET	19960920WE	APP
60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN

After Analysis

Results for: 56N IN GARY

	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	39035	92.0	
lost to additional IX by ATV	66127	156.0	
lost to all IX	105162	248.0	

Potential Interfering Stations Included in above Scenario 8

54N IL KANKAKEE	BPET	19960920WE	APP
60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN
55N IL ROCHELLE	USERRECORD01		APP

Result key: 13
Scenario 9 Affected station 5
Before Analysis

Results for: 56N IN GARY

	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	

within Noise Limited Contour	4408417	15233.8
not affected by terrain losses	4408399	15229.8
lost to NTSC IX	18167	32.0
lost to additional IX by ATV	95308	232.0
lost to all IX	113475	264.0

Potential Interfering Stations Included in above Scenario 9

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	BMPCDT	20021015AAM	CP

After Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	32954	76.0	
lost to additional IX by ATV	80521	188.0	
lost to all IX	113475	264.0	

Potential Interfering Stations Included in above Scenario 9

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	BMPCDT	20021015AAM	CP
55N IL ROCHELLE	USERRECORD01		APP

Result key: 14
Scenario 10 Affected station 5
Before Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	18167	32.0	
lost to additional IX by ATV	80874	200.0	
lost to all IX	99041	232.0	

Potential Interfering Stations Included in above Scenario 10

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN

After Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	32954	76.0	
lost to additional IX by ATV	66282	160.0	
lost to all IX	99236	236.0	

Potential Interfering Stations Included in above Scenario 10

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	DTVPLN	DTVP1527	PLN
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN
55N IL ROCHELLE	USERRECORD01		APP

Result key: 15
Scenario 11 Affected station 5
Before Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	18167	32.0	
lost to additional IX by ATV	95308	232.0	
lost to all IX	113475	264.0	

Potential Interfering Stations Included in above Scenario 11

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	BMPCDT	20021015AAM	CP

After Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	32954	76.0	
lost to additional IX by ATV	80521	188.0	
lost to all IX	113475	264.0	

Potential Interfering Stations Included in above Scenario 11

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	BMPCDT	20021015AAM	CP
55N IL ROCHELLE	USERRECORD01		APP

Result key: 16
Scenario 12 Affected station 5
Before Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	18167	32.0	
lost to additional IX by ATV	80874	200.0	
lost to all IX	99041	232.0	

Potential Interfering Stations Included in above Scenario 12

60N IL AURORA	BPCT	19960708KF	CP
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53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN

After Analysis

Results for: 56N IN GARY	BLET	19880105KE	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	4408417	15233.8	
not affected by terrain losses	4408399	15229.8	
lost to NTSC IX	32954	76.0	
lost to additional IX by ATV	66282	160.0	
lost to all IX	99236	236.0	

Potential Interfering Stations Included in above Scenario 12

60N IL AURORA	BPCT	19960708KF	CP
53A IL JOLIET	BPCDT	19991029AHU	CP
56A IA DAVENPORT	DTVPLN	DTVP1581	PLN
55N IL ROCHELLE	USERRECORD01		APP

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Analysis of Interference to Affected Station 6

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
62	WJYS	HAMMOND IN	DTVPLN	-NPLN1934

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
55	WHKE	KENOSHA WI	135.1	PLN	DTVPLN	-NPLN1859
58	WSJV-DT	ELKHART IN	132.5	PLN	DTVPLN	-DTVP1624
59	WEHS-DT	AURORA IL	38.3	PLN	DTVPLN	-DTVP1647
60	WEHSTV	AURORA IL	38.3	PLN	DTVPLN	-NPLN1913
61	WVTV-DT	MILWAUKEE WI	171.9	PLN	DTVPLN	-DTVP1669
62	WWJTV	DETROIT MI	393.7	PLN	DTVPLN	-NPLN1938
66	WGBOTV	JOLIET IL	40.8	PLN	DTVPLN	-NPLN1980

Results for: 62N IN HAMMOND	DTVPLN	NPLN1934	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6958764	11394.6	
not affected by terrain losses	6956974	11390.6	
lost to NTSC IX	102061	104.8	
lost to additional IX by ATV	0	0.0	
lost to all IX	102061	104.8	

Analysis of current record

Channel	Call	City/State	Application Ref. No.
62	WJYS	HAMMOND IN	BLCT -19910405KF

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
54	960920WE	KANKAKEE IL	44.6	APP	BPET -19960920WE
55	WPXE	KENOSHA WI	135.1	LIC	BLCT -19970707KE
58	WSJV-DT	ELKHART IN	132.5	PLN	DTVPLN -DTVP1624
58	WSJV	ELKHART IN	132.5	CP	BPCDT -19991101ADP
59	WXFT-TV	AURORA IL	38.3	LIC	BLCDT -20020918AAT
59	WEHS-DT	AURORA IL	38.3	PLN	DTVPLN -DTVP1647
60	WXFT-TV	AURORA IL	38.3	CP	BPCT -19960708KF
61	WVTV-DT	MILWAUKEE WI	171.9	PLN	DTVPLN -DTVP1669
61	WVTV	MILWAUKEE WI	171.8	CP MOD	BMPCDT -20011002AAC
62	WWJ-TV	DETROIT MI	393.7	LIC	BLCT -19990720LF
66	WGBO-TV	JOLIET IL	40.8	LIC	BLCT -19810916KG
55	W55DF	ROCHELLE IL	52.4	APP	USERRECORD-01

Total scenarios = 3

Result key: 17
Scenario 1 Affected station 6
Before Analysis

Results for: 62N IN HAMMOND	BLCT	19910405KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6958764	11394.6	
not affected by terrain losses	6956974	11390.6	
lost to NTSC IX	102061	213.6	
lost to additional IX by ATV	0	0.0	
lost to all IX	102061	213.6	

Potential Interfering Stations Included in above Scenario 1

60N IL AURORA	BPCT	19960708KF	CP
66N IL JOLIET	BLCT	19810916KG	LIC

After Analysis

Results for: 62N IN HAMMOND	BLCT	19910405KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6958764	11394.6	
not affected by terrain losses	6956974	11390.6	

lost to NTSC IX	104310	217.7
lost to additional IX by ATV	0	0.0
lost to all IX	104310	217.7

Potential Interfering Stations Included in above Scenario 1

60N IL AURORA	BPCT	19960708KF	CP
66N IL JOLIET	BLCT	19810916KG	LIC
55N IL ROCHELLE	USERRECORD01		APP

Result key: 18
Scenario 2 Affected station 6
Before Analysis

Results for: 62N IN HAMMOND	BLCT	19910405KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6958764	11394.6	
not affected by terrain losses	6956974	11390.6	
lost to NTSC IX	155350	354.7	
lost to additional IX by ATV	0	0.0	
lost to all IX	155350	354.7	

Potential Interfering Stations Included in above Scenario 2

54N IL KANKAKEE	BPET	19960920WE	APP
60N IL AURORA	BPCT	19960708KF	CP
66N IL JOLIET	BLCT	19810916KG	LIC

After Analysis

Results for: 62N IN HAMMOND	BLCT	19910405KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6958764	11394.6	
not affected by terrain losses	6956974	11390.6	
lost to NTSC IX	157599	358.7	
lost to additional IX by ATV	0	0.0	
lost to all IX	157599	358.7	

Potential Interfering Stations Included in above Scenario 2

54N IL KANKAKEE	BPET	19960920WE	APP
60N IL AURORA	BPCT	19960708KF	CP
66N IL JOLIET	BLCT	19810916KG	LIC
55N IL ROCHELLE	USERRECORD01		APP

Result key: 19
Scenario 3 Affected station 6
Before Analysis

Results for: 62N IN HAMMOND	BLCT	19910405KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6958764	11394.6	
not affected by terrain losses	6956974	11390.6	
lost to NTSC IX	102061	213.6	
lost to additional IX by ATV	0	0.0	
lost to all IX	102061	213.6	

Potential Interfering Stations Included in above Scenario 3

60N IL AURORA	BPCT	19960708KF	CP
66N IL JOLIET	BLCT	19810916KG	LIC

After Analysis

Results for: 62N IN HAMMOND	BLCT	19910405KF	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6958764	11394.6	
not affected by terrain losses	6956974	11390.6	
lost to NTSC IX	104310	217.7	
lost to additional IX by ATV	0	0.0	
lost to all IX	104310	217.7	

Potential Interfering Stations Included in above Scenario 3

60N IL AURORA	BPCT	19960708KF	CP
66N IL JOLIET	BLCT	19810916KG	LIC
55N IL ROCHELLE	USERRECORD01		APP

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application Ref. No.
55	W55DF	ROCHELLE IL	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
47	WTTW-DT	CHICAGO IL	42.3	PLN	DTVPLN	-DTVP1359
47	WTTW	CHICAGO IL	42.3	LIC	BLEDT	-20020408ABK
48	WJJA	RACINE WI	128.7	APP	BPCDT	-19991101AJW
48	WJJA-DT	RACINE WI	128.7	PLN	DTVPLN	-DTVP1406
51	WPWR-DT	GARY IN	42.3	PLN	DTVPLN	-DTVP1478
51	WPWR-TV	GARY IN	42.3	CP	BPCDT	-19991101ALA
52	WLS-DT	CHICAGO IL	42.3	PLN	DTVPLN	-DTVP1507
53	WGB0-DT	JOLIET IL	43.0	PLN	DTVPLN	-DTVP1527
53	WGB0-TV	JOLIET IL	43.0	CP	BPCDT	-19991029AHU
54	960920WE	KANKAKEE IL	90.3	APP	BPET	-19960920WE
54	WREX-DT	ROCKFORD IL	98.8	PLN	DTVPLN	-DTVP1546

54	W54BE	SUGAR GROVE IL	30.9	LIC	BLTTL	-19920429JG
55	KWWL-DT	WATERLOO IA	309.4	PLN	DTVPLN	-DTVP1565
55	WRSP-TV	SPRINGFIELD IL	262.4	LIC	BLCT	-20030627AAF
55	WFFT-TV	FT. WAYNE IN	262.0	LIC	BLCT	-20001002APS
55	WKAR-DT	EAST LANSING MI	317.6	PLN	DTVPLN	-DTVP1570
55	WPXE	KENOSHA WI	91.9	LIC	BLCT	-19970707KE
55	WFXS	WITTENBERG WI	362.1	CP MOD	BMPCT	-19980925KI
56	WYIN	GARY IN	90.2	LIC	BLET	-19880105KE
56	WYIN	GARY IN	42.3	APP	BPET	-20010716AAS
58	WDJT-TV	MILWAUKEE WI	131.0	LIC	BLCT	-19961211KF
59	WXFT-TV	AURORA IL	42.3	LIC	BLCDT	-20020918AAT
59	WEHS-DT	AURORA IL	42.3	PLN	DTVPLN	-DTVP1647

Total scenarios = 2

Result key: 20
Scenario 1 Affected station 7
Before Analysis

Results for: 55N IL ROCHELLE		USERRECORD01	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	783155	1019.5	
not affected by terrain losses	783155	1019.5	
lost to NTSC IX	5162	12.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	5162	12.0	

Potential Interfering Stations Included in above Scenario 1

55N IL SPRINGFIELD	BLCT	20030627AAF	LIC
55N WI KENOSHA	BLCT	19970707KE	LIC

Result key: 21
Scenario 2 Affected station 7
Before Analysis

Results for: 55N IL ROCHELLE		USERRECORD01	APP
	POPULATION	AREA (sq km)	
within Noise Limited Contour	783155	1019.5	
not affected by terrain losses	783155	1019.5	
lost to NTSC IX	5162	12.0	
lost to additional IX by ATV	0	0.0	
lost to all IX	5162	12.0	

Potential Interfering Stations Included in above Scenario

2

55N IL SPRINGFIELD	BLCT	20030627AAF	LIC
55N WI KENOSHA	BLCT	19970707KE	LIC
56N IN GARY	BPET	20010716AAS	APP

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