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tvstudy v2.2.5 (V9lR41)
Database: localhost,  Study: KONV@1013156_ch26_5kW_ND,  Model: Longley-Rice
Start: 2018.04.07 15:18:01

Study created: 2018.04.07 15:18:01

Study build station data: LMS TV 2018-03-19

    Proposal: KONV-LD D26 LD LIC Cleveland, OH
 File number: BLANK0000006701
 Facility ID: 184284
Station data: User record
   Record ID: 331
     Country: U.S.

Build options:
Protect baseline records from LPTV

Search options:
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX   Call      Chan       Svc Status  City, State              File Number             Distance
No   WXYZ-TV   D25        DT  CP      DETROIT, MI              BLANK0000034678         188.8 km
Yes  WUEK-LD   D25        LD  CP      Cleveland, OH            BLANK0000007841          23.5
Yes  WUEK-LD   D25        LD  LIC     Cleveland, OH            BLANK0000007812          17.6
No   WCPX-LP   D25        LD  CP      COLUMBUS, OH             BDISDTL20080905AEC      183.3
No   WXCB-CD   D25        DC  CP      DELAWARE, OH             BLANK0000034022         146.7
No   WSSS-LP   N25z       TX  LIC     STEUBENVILLE, OH         BLTTL19980506JD         133.7
No   KDKA-TV   D25        DT  LIC     PITTSBURGH, PA           BLCDT20041004ACS        160.6
No   W26DH-D   D26        LD  LIC     AUBURN, IN               BLDTL20091005ABQ        286.4
No   WBFF      D26        DT  CP      BALTIMORE, MD            BLANK0000025699         473.6
No   WGPT      D26        DT  CP      OAKLAND, MD              BLANK0000025179         287.1
No   WGPT      D26        DT  APP     OAKLAND, MD              BLANK0000034106         287.1
No   WJGP-LD   D26        LD  LIC     KALAMAZOO, MI            BLDTL20091210ADC        322.5
No   WCMU-TV   D26        DT  LIC     MOUNT PLEASANT, MI       BLEDT20130710ABN        402.4
No   W26BF     D26-       LD  APP     ELMIRA, NY               BLANK0000021768         412.0
No   WGCE-CD   D26        DC  CP      ROCHESTER, NY            BLANK0000033855         391.1
No   WCPO-TV   D26        DT  CP      CINCINNATI, OH           BLANK0000034668         342.1
No   WDFM-LP   N26-       TX  LIC     DEFIANCE, OH             BLTTL20031007AAN        243.5
Yes  WUPW      D26        DT  CP      TOLEDO, OH               BLANK0000034234         157.4
Yes  WFXP      D26        DT  CP      ERIE, PA                 BLANK0000028342         154.2
No   WJAC-TV   D26        LD  LIC     JOHNSTOWN, PA            BLCDT20120215ABZ        245.7
No   WOSC-CD   D26        DC  CP      PITTSBURGH, PA           BLANK0000029678         167.4
No   WOSC-CD   D26        DC  LIC     PITTSBURGH, PA           BLDTA20130115ADH        167.4
No   W42DG-D   D26        LD  APP     STATE COLLEGE, PA        BLANK0000040781         319.2
No   WHTJ      D26        DT  CP      CHARLOTTESVILLE, VA      BLANK0000034130         454.4
No   WAZT-CD   D26        DC  BL      WOODSTOCK, VA            DTVBL168449             380.5
No   W26EL-D   D26        LD  CP      CLARKSBURG, WV           BNPDTL20100514AAX       249.7
No   WADL      D27        DT  CP      MOUNT CLEMENS, MI        BLANK0000027047         176.0
No   W16DO-D   D27        DC  CP      CLEVELAND, OH            BLANK0000034701          13.0
Yes  WEKA-LD   D27        LD  LIC     Cleveland, OH            BLANK0000007976          23.5
No   WTTE      D27        DT  CP      COLUMBUS, OH             BLANK0000034206         190.3
No   W27DG-D   D27        LD  LIC     MILLERSBURG, OH          BLDTT20101007ABN         77.8
No   W27DG-D   D27        LD  CP      MILLERSBURG, OH          BPDTT20140123AZT         54.7
No   WQLN      D27        DT  CP      ERIE, PA                 BLANK0000026514         154.6
No   WTAE-TV   D27        DT  CP      PITTSBURGH, PA           BLANK0000034565         189.2
No   W29CO     N29z       TX  LIC     SHARON, PA               BLTTL20031216ACI         99.7
No   W33BW     N33+       TX  LIC     ASHLAND, OH              BLTTL20020211ABL         83.0

Non-directional AM stations within 0.8 km:
WTAM 1100 L ND1 U CLEVELAND, OH BL19970411AD

Directional AM stations within 3.2 km:
WCCR 1260 L DA2 D CLEVELAND, OH BL19970923KB
WCCR 1260 L DA2 N CLEVELAND, OH BL19900222AD

Record parameters as studied:
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    Channel: D26
       Mask: Full Service
   Latitude:  41 16 50.00 N (NAD83)
  Longitude:  81 37 20.70 W
Height AMSL: 491.3 m
       HAAT: 0.0 m
   Peak ERP: 5.00 kW
    Antenna: Omnidirectional
Elev Pattrn: Generic

50.0 dBu contour:
Azimuth      ERP       HAAT   Distance
  0.0 deg   5.00 kW   258.0 m   48.6 km
 45.0       5.00      212.2     46.1
 90.0       5.00      201.1     45.5
135.0       5.00      208.9     45.9
180.0       5.00      167.7     43.5
225.0       5.00      144.7     42.0
270.0       5.00      162.8     43.2
315.0       5.00      162.7     43.2

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m   Computed HAAT: 190 m

**Proposal 24.95 dBu contour crosses Canadian border, coordination required
Distance to Canadian border: 78.1 km

Distance to Mexican border: 2186.2 km

Conditions at FCC monitoring station: Allegan MI
Bearing: 293.8 degrees   Distance: 387.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 274.2 degrees   Distance: 1986.3 km


Study cell size: 0.50 km
Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%


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Interference to BLANK0000007841 CP scenario 1

             Call      Chan  Svc Status  City, State              File Number            Distance
Desired:     WUEK-LD   D25   LD  CP      Cleveland, OH            BLANK0000007841

Undesireds:  KONV-LD   D26   LD  LIC     Cleveland, OH            BLANK0000006701         23.5 km
             WEAO      D24   DT  CP      AKRON, OH                BLANK0000034293         45.1
             WOIO      D24   LD  LIC     SHAKER HEIGHTS, OH       BLCDT20110817AAW        47.7
             WXYZ-TV   D25   DT  CP      DETROIT, MI              BLANK0000034678        169.4
             KSET-LD   D25   LD  LIC     MIDLAND, MI              BLANK0000013388        275.1
             KDKA-TV   D25   DT  LIC     PITTSBURGH, PA           BLCDT20041004ACS       178.0

        Service area       Terrain-limited       IX-free, before        IX-free, after    Percent New IX
  1303.1   1,182,251    1303.1   1,182,251    1287.5   1,177,604    1283.7   1,176,322     0.29     0.11

Undesired                          Total IX     Unique IX, before      Unique IX, after
KONV-LD D26 LD LIC         7.8       2,566                             3.8       1,282
WEAO D24 DT CP             2.3       2,201       0.5       1,969       0.5       1,969
WOIO D24 LD LIC            5.5       1,068       1.3         341       0.8         266
WXYZ-TV D25 DT CP          8.6       1,149       4.5         648       4.5         648
KDKA-TV D25 DT LIC         5.8       1,125       4.0         814       2.8           0

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Interference to BLANK0000007812 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WUEK-LD	D25	LD	LIC	Cleveland, OH	BLANK0000007812	
Undesireds:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	17.6 km
	WEAO	D24	DT	CP	AKRON, OH	BLANK0000034293	8.4
	WOIO	D24	LD	LIC	SHAKER HEIGHTS, OH	BLCDT20110817AAW	12.9
	WXYZ-TV	D25	DT	CP	DETROIT, MI	BLANK0000034678	196.0
	KSET-LD	D25	LD	LIC	MIDLAND, MI	BLANK0000013388	305.7
	WXCB-CD	D25	DC	CP	DELAWARE, OH	BLANK0000034022	133.0
	KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	158.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
1259.6	402,846	1144.7	343,741	613.3	142,370	612.0	140,883	0.21	1.04

Undesired	Total IX		Unique IX, before		Unique IX, after	
KONV-LD D26 LD LIC	50.4	17,007			1.3	1,487
WEAO D24 DT CP	498.0	181,842	96.8	30,757	96.1	30,393
WOIO D24 LD LIC	415.9	161,062	24.8	13,258	23.8	12,675
WXYZ-TV D25 DT CP	68.7	33,044	3.7	3,489	3.2	3,489
WXCB-CD D25 DC CP	0.3	0	0.0	0	0.0	0
KDKA-TV D25 DT LIC	77.8	32,880	1.7	63	1.7	63

Interference to BLANK0000034234 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WUPW	D26	DT	CP	TOLEDO, OH	BLANK0000034234	
Undesireds:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	157.4 km
	WXYZ-TV	D25	DT	CP	DETROIT, MI	BLANK0000034678	91.9
	WCMU-TV	D26	DT	LIC	MOUNT PLEASANT, MI	BLEDT20130710ABN	274.0
	WCPO-TV	D26	DT	CP	CINCINNATI, OH	BLANK0000034668	295.1
	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000029678	321.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX		
17938.3	2,098,424	17933.8	2,098,057	17854.4	2,059,690	17841.0	2,059,069	0.07	0.03	
1029.5	26,618	1029.5	26,618	1029.5	26,618	1029.5	26,618	0.00	0.00	(in Canada)

Undesired	Total IX		Unique IX, before		Unique IX, after	
KONV-LD D26 LD LIC	13.6	621			13.3	621
WXYZ-TV D25 DT CP	46.4	33,593	42.0	32,294	42.0	32,294
WCMU-TV D26 DT LIC	35.5	5,986	31.1	4,687	30.8	4,687
WCPO-TV D26 DT CP	1.9	87	1.9	87	1.9	87

Interference to BLANK0000028342 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFXP	D26	DT	CP	ERIE, PA	BLANK0000028342	
Undesireds:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	154.2 km
	WGPT	D26	DT	CP	OAKLAND, MD	BLANK0000025179	300.2
	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000029678	177.4
	WQLN	D27	DT	CP	ERIE, PA	BLANK0000026514	0.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX		
14172.1	582,112	13915.3	572,000	13870.3	570,668	13778.9	568,294	0.66	0.42	
1405.1	0	1405.1	0	1405.1	0	1405.1	0	0.00	0.00	(in Canada)

Undesired	Total IX		Unique IX, before		Unique IX, after	
KONV-LD D26 LD LIC	95.2	2,563			91.4	2,374
WGPT D26 DT CP	4.0	146	0.8	7	0.8	7
WOSC-CD D26 DC CP	39.8	1,325	36.5	1,186	33.0	997
WQLN D27 DT CP	4.5	0	4.5	0	4.5	0

Interference to BLANK0000028342 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFXP	D26	DT	CP	ERIE, PA	BLANK0000028342	
Undesireds:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	154.2 km
	WGPT	D26	DT	CP	OAKLAND, MD	BLANK0000025179	300.2
	WOSC-CD	D26	DC	LIC	PITTSBURGH, PA	BLDTA20130115ADH	177.4
	WQLN	D27	DT	CP	ERIE, PA	BLANK0000026514	0.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
14172.1	582,112	13915.3	572,000	13895.7	571,483	13803.0	569,004	0.67	0.43
1405.1	0	1405.1	0	1405.1	0	1405.1	0	0.00	0.00 (in Canada)

Undesired	Total IX		Unique IX, before		Unique IX, after	
KONV-LD D26 LD LIC	95.2	2,563			92.7	2,479
WGPT D26 DT CP	4.0	146	0.8	7	0.8	7
WOSC-CD D26 DC LIC	14.4	510	11.1	371	8.8	287
WQLN D27 DT CP	4.5	0	4.5	0	4.5	0

Interference to BLANK0000028342 CP scenario 3

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFXP	D26	DT	CP	ERIE, PA	BLANK0000028342	
Undesireds:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	154.2 km
	WGPT	D26	DT	APP	OAKLAND, MD	BLANK0000034106	300.2
	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000029678	177.4
	WQLN	D27	DT	CP	ERIE, PA	BLANK0000026514	0.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
14172.1	582,112	13915.3	572,000	13868.8	570,668	13777.3	568,294	0.66	0.42
1405.1	0	1405.1	0	1405.1	0	1405.1	0	0.00	0.00 (in Canada)

Undesired	Total IX		Unique IX, before		Unique IX, after	
KONV-LD D26 LD LIC	95.2	2,563			91.4	2,374
WGPT D26 DT APP	13.8	714	2.3	7	2.3	7
WOSC-CD D26 DC CP	39.8	1,325	28.2	618	26.4	589
WQLN D27 DT CP	4.5	0	4.5	0	4.5	0

Interference to BLANK0000028342 CP scenario 4

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFXP	D26	DT	CP	ERIE, PA	BLANK0000028342	
Undesireds:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	154.2 km
	WGPT	D26	DT	APP	OAKLAND, MD	BLANK0000034106	300.2
	WOSC-CD	D26	DC	LIC	PITTSBURGH, PA	BLDTA20130115ADH	177.4
	WQLN	D27	DT	CP	ERIE, PA	BLANK0000026514	0.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
14172.1	582,112	13915.3	572,000	13891.4	571,135	13799.0	568,761	0.67	0.42
1405.1	0	1405.1	0	1405.1	0	1405.1	0	0.00	0.00 (in Canada)

Undesired	Total IX		Unique IX, before		Unique IX, after	
KONV-LD D26 LD LIC	95.2	2,563			92.4	2,374
WGPT D26 DT APP	13.8	714	5.0	355	4.8	250
WOSC-CD D26 DC LIC	14.4	510	5.5	151	4.8	122
WQLN D27 DT CP	4.5	0	4.5	0	4.5	0

Interference to BLANK0000007976 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WEKA-LD	D27	LD	LIC	Cleveland, OH	BLANK0000007976	

Undesireds:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	23.5 km
	WADL	D27	DT	CP	MOUNT CLEMENS, MI	BLANK0000027047	154.8
	W16DO-D	D27	DC	CP	CLEVELAND, OH	BLANK0000034701	11.5
	WTTE	D27	DT	CP	COLUMBUS, OH	BLANK0000034206	205.8
	W27DG-D	D27	LD	LIC	MILLERSBURG, OH	BLDTT20101007ABN	101.3
	WQLN	D27	DT	CP	ERIE, PA	BLANK0000026514	147.7
	WTAE-TV	D27	DT	CP	PITTSBURGH, PA	BLANK0000034565	207.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3007.5	1,689,960	2983.7	1,685,955	1013.7	801,014	1011.9	800,638	0.17	0.05

Undesired	Total IX	Unique IX, before		Unique IX, after	
KONV-LD D26 LD LIC	65.7	12,802		1.8	376
WADL D27 DT CP	3.5	1,489	0.0	0.0	0
W16DO-D D27 DC CP	1965.8	883,168	1939.0	874,532	1886.3	864,950
WTTE D27 DT CP	9.5	5,277	0.3	325	0.3	325
W27DG-D D27 LD LIC	7.2	1,437	0.0	0	0.0	0
WQLN D27 DT CP	15.3	5,556	1.8	751	1.8	751
WTAE-TV D27 DT CP	13.5	2,883	0.5	0	0.3	0

Interference to BLANK0000007976 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WEKA-LD	D27	LD	LIC	Cleveland, OH	BLANK0000007976	
Undesireds:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	23.5 km
	WADL	D27	DT	CP	MOUNT CLEMENS, MI	BLANK0000027047	154.8
	W16DO-D	D27	DC	CP	CLEVELAND, OH	BLANK0000034701	11.5
	WTTE	D27	DT	CP	COLUMBUS, OH	BLANK0000034206	205.8
	WQLN	D27	DT	CP	ERIE, PA	BLANK0000026514	147.7
	WTAE-TV	D27	DT	CP	PITTSBURGH, PA	BLANK0000034565	207.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
3007.5	1,689,960	2983.7	1,685,955	1013.7	801,014	1011.9	800,638	0.17	0.05

Undesired	Total IX	Unique IX, before		Unique IX, after	
KONV-LD D26 LD LIC	65.7	12,802		1.8	376
WADL D27 DT CP	3.5	1,489	0.0	0.0	0
W16DO-D D27 DC CP	1965.8	883,168	1941.0	874,979	1886.5	864,950
WTTE D27 DT CP	9.5	5,277	0.3	325	0.3	325
WQLN D27 DT CP	15.3	5,556	1.8	751	1.8	751
WTAE-TV D27 DT CP	13.5	2,883	0.5	0	0.3	0

Interference to proposal scenario 1
26.53% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	
Undesireds:	WUEK-LD	D25	LD	CP	Cleveland, OH	BLANK0000007841	23.5 km
	WGPT	D26	DT	CP	OAKLAND, MD	BLANK0000025179	287.1
	WUPW	D26	DT	CP	TOLEDO, OH	BLANK0000034234	157.4
	WFXP	D26	DT	CP	ERIE, PA	BLANK0000028342	154.2
	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000029678	167.4
	W16DO-D	D27	DC	CP	CLEVELAND, OH	BLANK0000034701	13.0
	WEKA-LD	D27	LD	LIC	Cleveland, OH	BLANK0000007976	23.5
	W27DG-D	D27	LD	LIC	MILLERSBURG, OH	BLDTT20101007ABN	77.8

Service area		Terrain-limited		IX-free		Percent IX	
6286.3	2,490,448	6108.2	2,459,804	4203.2	1,807,299	31.19	26.53

Undesired	Total IX	Unique IX		Prcnt Unique IX	
WUPW D26 DT CP	22.5	2,198	1.0	147	0.02	0.01
WFXP D26 DT CP	414.6	90,776	150.2	14,617	2.46	0.59
WOSC-CD D26 DC CP	4.5	305	0.0	0	0.00	0.00
W16DO-D D27 DC CP	1749.0	637,485	1484.6	560,523	24.31	22.79
WEKA-LD D27 LD LIC	28.8	42,206	0.0	0	0.00	0.00

Interference to proposal scenario 2
26.53% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	
Undesireds:	WUEK-LD	D25	LD	CP	Cleveland, OH	BLANK0000007841	23.5 km
	WGPT	D26	DT	CP	OAKLAND, MD	BLANK0000025179	287.1
	WUPW	D26	DT	CP	TOLEDO, OH	BLANK0000034234	157.4
	WFXP	D26	DT	CP	ERIE, PA	BLANK0000028342	154.2
	W16DO-D	D27	DC	CP	CLEVELAND, OH	BLANK0000034701	13.0
	WEKA-LD	D27	LD	LIC	Cleveland, OH	BLANK0000007976	23.5
	W27DG-D	D27	LD	LIC	MILLERSBURG, OH	BLDTT20101007ABN	77.8

Service area		Terrain-limited		IX-free		Percent IX	
6286.3	2,490,448	6108.2	2,459,804	4203.2	1,807,299	31.19	26.53

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WUPW D26 DT CP	22.5	2,198	1.0	147	0.02	0.01
WFXP D26 DT CP	414.6	90,776	153.5	14,803	2.51	0.60
W16DO-D D27 DC CP	1749.0	637,485	1484.9	560,530	24.31	22.79
WEKA-LD D27 LD LIC	28.8	42,206	0.0	0	0.00	0.00

Interference to proposal scenario 3
26.53% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	
Undesireds:	WUEK-LD	D25	LD	LIC	Cleveland, OH	BLANK0000007812	17.6 km
	WGPT	D26	DT	CP	OAKLAND, MD	BLANK0000025179	287.1
	WUPW	D26	DT	CP	TOLEDO, OH	BLANK0000034234	157.4
	WFXP	D26	DT	CP	ERIE, PA	BLANK0000028342	154.2
	WOSC-CD	D26	DC	CP	PITTSBURGH, PA	BLANK0000029678	167.4
	W16DO-D	D27	DC	CP	CLEVELAND, OH	BLANK0000034701	13.0
	WEKA-LD	D27	LD	LIC	Cleveland, OH	BLANK0000007976	23.5
	W27DG-D	D27	LD	LIC	MILLERSBURG, OH	BLDTT20101007ABN	77.8

Service area		Terrain-limited		IX-free		Percent IX	
6286.3	2,490,448	6108.2	2,459,804	4203.0	1,807,299	31.19	26.53

Undesired	Total IX		Unique IX		Prcnt Unique IX	
WUEK-LD D25 LD LIC	0.2	0	0.2	0	0.00	0.00
WUPW D26 DT CP	22.5	2,198	1.0	147	0.02	0.01
WFXP D26 DT CP	414.6	90,776	150.2	14,617	2.46	0.59
WOSC-CD D26 DC CP	4.5	305	0.0	0	0.00	0.00
W16DO-D D27 DC CP	1749.0	637,485	1484.6	560,523	24.31	22.79
WEKA-LD D27 LD LIC	28.8	42,206	0.0	0	0.00	0.00

Interference to proposal scenario 4
26.53% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KONV-LD	D26	LD	LIC	Cleveland, OH	BLANK0000006701	
Undesireds:	WUEK-LD	D25	LD	LIC	Cleveland, OH	BLANK0000007812	17.6 km
	WGPT	D26	DT	CP	OAKLAND, MD	BLANK0000025179	287.1
	WUPW	D26	DT	CP	TOLEDO, OH	BLANK0000034234	157.4
	WFXP	D26	DT	CP	ERIE, PA	BLANK0000028342	154.2
	W16DO-D	D27	DC	CP	CLEVELAND, OH	BLANK0000034701	13.0
	WEKA-LD	D27	LD	LIC	Cleveland, OH	BLANK0000007976	23.5
	W27DG-D	D27	LD	LIC	MILLERSBURG, OH	BLDTT20101007ABN	77.8

Service area		Terrain-limited		IX-free		Percent IX	
6286.3	2,490,448	6108.2	2,459,804	4203.0	1,807,299	31.19	26.53

Undesired		Total IX		Unique IX	Prcnt Unique IX	
WUEK-LD D25 LD LIC	0.2	0	0.2	0	0.00	0.00
WUPW D26 DT CP	22.5	2,198	1.0	147	0.02	0.01
WFXP D26 DT CP	414.6	90,776	153.5	14,803	2.51	0.60
W16DO-D D27 DC CP	1749.0	637,485	1484.9	560,530	24.31	22.79
WEKA-LD D27 LD LIC	28.8	42,206	0.0	0	0.00	0.00