tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WJDO_MOD_248M, Model: Longley-Rice
Start: 2021.10.08 09:47:46

Study created: 2021.10.08 09:47:46

Study build station data: LMS TV 2021-09-12

    Proposal: WJDO-LD D29 LD CP MACON, GA
 File number: WJDO_MOD_248M
 Facility ID: 182012
Station data: User record
   Record ID: 784
     Country: U.S.

Build options:
Protect pre-transition records not on baseline channel

Search options:
Non-U.S. records included
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	W23FE-D	N14+	TX	LIC	Savannah, GA	BLTT20040915ADW	116.8 km
No	WMCF-TV	D28	DT	LIC	MONTGOMERY, AL	BLANK0000107502	250.0
No	WFDY-LD	D28	LD	CP	ALBANY, GA	BLANK0000073539	142.9
No	WDWW-LD	D28	LD	LIC	ATLANTA, GA	BLANK0000105503	138.1
No	WJBF	D28	DT	LIC	AUGUSTA, GA	BLANK0000116201	176.5
No	W28ER-D	D28	LD	CP	COLUMBUS, GA	BNPDTL20090825BAW	128.3
No	W28FE-D	D28	LD	CP	LENOX, GA	BLANK0000155607	159.3
Yes	W28EU-D	D28	LD	LIC	MACON, GA	BLANK0000112812	49.6
No	W08EG-D	D28	LD	CP	TOCCOA, GA	BLANK0000053814	207.5
No	WBRC	D29	DT	LIC	BIRMINGHAM, AL	BLANK0000081282	312.6
No	WQMK-LD	D29	LD	LIC	CUSSETA, AL	BLANK0000143981	162.0
No	W29FJ-D	D29	LD	CP	DOTHAN, AL	BLANK0000071839	248.0
No	W29FP-D	D29	LD	CP	MONTGOMERY, AL	BNPDTL20090825BZR	254.7
No	WFBD	D29	DT	LIC	DESTIN, FL	BLANK0000131443	356.2
No	WGFL	D29	DT	LIC	HIGH SPRINGS, FL	BLANK0000100460	359.2
No	W29FN-D	D29	LD	CP	PANAMA CITY, FL	BLANK0000116672	346.9
No	WQXT-CD	D29	DC	LIC	ST. AUGUSTINE, FL	BLANK0000098976	377.8
No	W29FO-D	D29	LD	CP	TALLAHASSEE, FL	BNPDTL20090825AMR	233.2
Yes	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	160.2
No	W48DU-D	D29	LD	CP	ALBANY, GA	BLANK0000052013	154.6
No	W29ED-D	D29	LD	CP	ASHBURN, GA	BNPDTL20100510ABD	112.3
Yes	W29DN-D	D29	LD	LIC	ATHENS, GA	BLDTL20140221ACE	123.2
Yes	W29DN-D	D29	LD	CP	ATHENS, GA	BPDTL20140228AEM	161.7
Yes	WYGA-CD	D29	DC	CP	ATLANTA, GA	BLANK0000127583	133.3
Yes	WYGA-CD	D29	DC	LIC	ATLANTA, GA	BLANK0000081313	133.3
Yes	WDZC-LD	D29	LD	LIC	AUGUSTA, GA	BLANK0000158633	144.2
Yes	W29FD-D	D29	LD	LIC	COLUMBUS, GA	BLANK0000095112	124.8
No	W29EN-D	D29	LD	LIC	SOPERTON, GA	BLANK0000157738	250.0
No	W29EN-D	D29	LD	CP	SOPERTON, GA	BLANK0000157870	267.0
No	W29FE-D	D29	LD	LIC	BAT CAVE, ETC., NC	BLANK0000073778	320.4
No	W29DE-D	D29	LD	LIC	HAYESVILLE, NC	BLANK0000138231	251.6
No	W29EC-D	D29	LD	CP	FLORENCE, SC	BNPDTL20100409ABX	382.3
No	WAZS-LD	D29	LD	LIC	NORTH CHARLESTON, SC	BLDTL20100916ADH	323.4
No	WSQY-LD	D29	LD	LIC	SPARTANBURG, SC	BLANK0000136293	265.7
No	WRJA-TV	D29	DT	LIC	SUMTER, SC	BLANK0000153954	330.4
No	WTCI	D29	DT	LIC	CHATTANOOGA, TN	BLANK0000001535	315.9
No	WKOP-TV	D29	DT	LIC	KNOXVILLE, TN	BLANK0000081273	362.6
No	WGIQ	D30	DT	LIC	LOUISVILLE, AL	BLANK0000067031	210.3
Yes	WGBP-TV	D30	DT	LIC	OPELIKA, AL	BLCDT20140827ABB	124.8
No	W30EU-D	D30	LD	CP	ALBANY, GA	BNPDTL20090825CAA	154.6
No	WBUD-LD	D30	LD	LIC	Atlanta, GA	BLANK0000140550	138.1
No	WAGT-CD	D30	DC	LIC	AUGUSTA, GA	BLANK0000063630	176.5
No	WXVK-LD	N30z	TX	LIC	Columbus, GA	BLTTL19960628JF	177.3
No	WMGT-TV	D30	DT	LIC	MACON, GA	BLANK0000075816	0.5
No	WYFF	D30	DT	LIC	GREENVILLE, SC	BLANK0000081030	276.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

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    Channel: D29
       Mask: Full Service
   Latitude:  32 44 58.40 N (NAD83)
  Longitude:  83 33 34.50 W
Height AMSL: 248.1 m
       HAAT: 0.0 m
   Peak ERP: 15.0 kW
    Antenna: Omnidirectional
Elev Pattrn: Generic
  Elec Tilt: 1.00

50.2 dBu contour:
Azimuth      ERP       HAAT   Distance
  0.0 deg   15.0 kW   124.7 m   45.9 km
 45.0       15.0       113.9     45.0
 90.0       15.0       112.2     44.9
135.0       15.0       131.3     46.3
180.0       15.0       170.1     48.9
225.0       15.0       151.2     47.7
270.0       15.0       139.3     46.9
315.0       15.0       137.0     46.7

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m   Computed HAAT: 135 m

Distance to Canadian border: 995.3 km

Distance to Mexican border: 1495.8 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 319.2 degrees   Distance: 164.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 299.2 degrees   Distance: 2096.4 km


Study cell size: 1.00 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 BLANK0000112812 LIC scenario 1

             Call      Chan  Svc Status  City, State              File Number            Distance
Desired:     W28EU-D   D28   LD  LIC     MACON, GA                BLANK0000112812

Undesireds:  WJDO-LD   D29   LD  CP      MACON, GA                WJDO_MOD_248M           49.6 km
             WAGA-TV   D27   DT  LIC     ATLANTA, GA              BLANK0000152298         90.3
             WMCF-TV   D28   DT  LIC     MONTGOMERY, AL           BLANK0000107502        221.8
             WDWW-LD   D28   LD  LIC     ATLANTA, GA              BLANK0000105503         91.5
             WJBF      D28   DT  LIC     AUGUSTA, GA              BLANK0000116201        201.0
             WELF-TV   D28   DT  LIC     DALTON, GA               BLANK0000090766        238.9
             W29DN-D   D29   LD  LIC     ATHENS, GA               BLDTL20140221ACE       111.7
             WYGA-CD   D29   DC  CP      ATLANTA, GA              BLANK0000127583         85.9

        Service area       Terrain-limited       IX-free, before        IX-free, after    Percent New IX
  5954.2     374,493    5862.3     372,848    5609.5     350,604    5555.5     344,298     0.96     1.80

Undesired                          Total IX     Unique IX, before      Unique IX, after
WJDO-LD D29 LD CP          66.0       7,275                            54.0       6,306
WAGA-TV D27 DT LIC          3.0         440       0.0          0       0.0           0
WMCF-TV D28 DT LIC         12.0         280       8.0        235       8.0         235
WDWW-LD D28 LD LIC        161.0      18,308     148.1     17,480     148.1      17,480
WJBF D28 DT LIC            93.8       4,344      79.8      3,401      70.8       2,432
WELF-TV D28 DT LIC          2.0           0       0.0          0       0.0           0

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Interference to BLANK0000150485 CP scenario 1

             Call      Chan  Svc Status  City, State              File Number            Distance
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	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	
Undesireds:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	160.2 km
	WGFL	D29	DT	LIC	HIGH SPRINGS, FL	BLANK0000100460	225.8
	WYGA-CD	D29	DC	CP	ATLANTA, GA	BLANK0000127583	272.3
	WVUP-CD	D30	DC	LIC	TALLAHASSEE, FL	BLANK0000120620	90.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
29211.2	748,350	29169.0	745,479	28262.3	708,131	27918.5	705,983	1.22	0.30

Undesired	Total IX		Unique IX, before		Unique IX, after	
WJDO-LD D29 LD CP	350.8	2,399			343.8	2,148
WGFL D29 DT LIC	69.0	1,332	41.0	172	37.0	172
WYGA-CD D29 DC CP	2.0	0	0.0	0	0.0	0
WVUP-CD D30 DC LIC	863.7	37,176	837.8	36,016	836.8	35,765

Interference to BLANK0000150485 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	
Undesireds:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	160.2 km
	WGFL	D29	DT	LIC	HIGH SPRINGS, FL	BLANK0000100460	225.8
	WVUP-CD	D30	DC	LIC	TALLAHASSEE, FL	BLANK0000120620	90.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
29211.2	748,350	29169.0	745,479	28262.3	708,131	27918.5	705,983	1.22	0.30

Undesired	Total IX		Unique IX, before		Unique IX, after	
WJDO-LD D29 LD CP	350.8	2,399			343.8	2,148
WGFL D29 DT LIC	69.0	1,332	43.0	172	37.0	172
WVUP-CD D30 DC LIC	863.7	37,176	837.8	36,016	836.8	35,765

Interference to BLDTL20140221ACE LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W29DN-D	D29	LD	LIC	ATHENS, GA	BLDTL20140221ACE	
Undesireds:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	123.2 km
	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	282.8
	WYGA-CD	D29	DC	CP	ATLANTA, GA	BLANK0000127583	111.1
	W29EN-D	D29	LD	LIC	SOPERTON, GA	BLANK0000157738	264.1
	WSQY-LD	D29	LD	LIC	SPARTANBURG, SC	BLANK0000136293	143.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6765.1	273,884	6721.4	273,555	6690.7	272,479	6688.7	272,479	0.03	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WJDO-LD D29 LD CP	3.0	21			2.0	0
WFXL D29 DT CP	1.0	21	0.0	0	0.0	0
WYGA-CD D29 DC CP	13.9	837	12.9	816	12.9	816
WSQY-LD D29 LD LIC	17.8	260	16.8	239	16.8	239

Interference to BLDTL20140221ACE LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W29DN-D	D29	LD	LIC	ATHENS, GA	BLDTL20140221ACE	
Undesireds:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	123.2 km
	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	282.8
	WYGA-CD	D29	DC	LIC	ATLANTA, GA	BLANK0000081313	111.1
	W29EN-D	D29	LD	LIC	SOPERTON, GA	BLANK0000157738	264.1
	WSQY-LD	D29	LD	LIC	SPARTANBURG, SC	BLANK0000136293	143.7

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6765.1	273,884	6721.4	273,555	6697.6	272,802	6695.7	272,802	0.03	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WJDO-LD D29 LD CP	3.0	21			2.0	0
WFXL D29 DT CP	1.0	21	0.0	0	0.0	0
WYGA-CD D29 DC LIC	6.9	514	5.9	493	5.9	493
WSQY-LD D29 LD LIC	17.8	260	16.8	239	16.8	239

Interference to BPDTL20140228AEM CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W29DN-D	D29	LD	CP	ATHENS, GA	BPDTL20140228AEM	
Undesireds:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	161.7 km
	W08EG-D	D28	LD	CP	TOCCOA, GA	BLANK0000053814	45.8
	WYGA-CD	D29	DC	CP	ATLANTA, GA	BLANK0000127583	99.6
	W29EN-D	D29	LD	LIC	SOPERTON, GA	BLANK0000157738	311.2
	WSQY-LD	D29	LD	LIC	SPARTANBURG, SC	BLANK0000136293	124.3
	WYFF	D30	DT	LIC	GREENVILLE, SC	BLANK0000081030	126.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6323.6	551,563	6200.3	539,249	5923.9	511,694	5923.9	511,694	0.00	0.00

Undesired	Total IX	Unique IX, before		Unique IX, after	
WJDO-LD D29 LD CP	1.0	50		0.0	0
W08EG-D D28 LD CP	17.1	594	5.0	151	5.0	151
WYGA-CD D29 DC CP	107.6	20,642	96.5	20,062	95.5	20,012
WSQY-LD D29 LD LIC	154.8	6,934	95.4	4,379	95.4	4,379
WYFF D30 DT LIC	71.5	2,515	16.1	408	16.1	408

Interference to BPDTL20140228AEM CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W29DN-D	D29	LD	CP	ATHENS, GA	BPDTL20140228AEM	
Undesireds:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	161.7 km
	W08EG-D	D28	LD	CP	TOCCOA, GA	BLANK0000053814	45.8
	WYGA-CD	D29	DC	LIC	ATLANTA, GA	BLANK0000081313	99.6
	W29EN-D	D29	LD	LIC	SOPERTON, GA	BLANK0000157738	311.2
	WSQY-LD	D29	LD	LIC	SPARTANBURG, SC	BLANK0000136293	124.3
	WYFF	D30	DT	LIC	GREENVILLE, SC	BLANK0000081030	126.2

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6323.6	551,563	6200.3	539,249	5970.6	515,850	5970.6	515,850	0.00	0.00

Undesired	Total IX	Unique IX, before		Unique IX, after	
WJDO-LD D29 LD CP	1.0	50		0.0	0
W08EG-D D28 LD CP	17.1	594	5.0	151	5.0	151
WYGA-CD D29 DC LIC	53.8	16,263	49.8	15,906	48.8	15,856
WSQY-LD D29 LD LIC	154.8	6,934	97.4	4,400	97.4	4,400
WYFF D30 DT LIC	71.5	2,515	16.1	408	16.1	408

Interference to BLANK0000127583 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYGA-CD	D29	DC	CP	ATLANTA, GA	BLANK0000127583	
Undesireds:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	133.3 km
	WBRC	D29	DT	LIC	BIRMINGHAM, AL	BLANK0000081282	227.6
	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	272.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
9846.3	4,563,558	9705.6	4,523,442	9689.8	4,520,943	9685.8	4,520,383	0.04	0.01

Undesired	Total IX	Unique IX, before		Unique IX, after	
WJDO-LD D29 LD CP	5.0	560		4.0	560
WBRC D29 DT LIC	14.9	2,499	14.9	2,499	14.9	2,499
WFXL D29 DT CP	1.0	0	1.0	0	0.0	0

Interference to BLANK0000081313 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WYGA-CD	D29	DC	LIC	ATLANTA, GA	BLANK0000081313	
Undesireds:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	133.3 km
	WBRC	D29	DT	LIC	BIRMINGHAM, AL	BLANK0000081282	227.6
	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	272.3

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
8836.4	4,376,836	8686.9	4,324,929	8665.1	4,319,569	8663.2	4,319,375	0.02	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
WJDO-LD D29 LD CP	3.0	1,270			2.0	194
WBRC D29 DT LIC	18.8	4,027	18.8	4,027	18.8	4,027
WFXL D29 DT CP	3.0	1,333	3.0	1,333	2.0	257

Interference to BLANK0000158633 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WDZC-LD	D29	LD	LIC	AUGUSTA, GA	BLANK0000158633	
Undesireds:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	144.2 km
	WJBF	D28	DT	LIC	AUGUSTA, GA	BLANK0000116201	32.5
	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	272.0
	W29DN-D	D29	LD	LIC	ATHENS, GA	BLDTL20140221ACE	106.9
	WYGA-CD	D29	DC	CP	ATLANTA, GA	BLANK0000127583	208.8
	W29EN-D	D29	LD	LIC	SOPERTON, GA	BLANK0000157738	158.7
	WAGT-CD	D30	DC	LIC	AUGUSTA, GA	BLANK0000063630	32.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
201.7	57,584	186.8	50,023	152.0	41,026	152.0	41,026	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
WJDO-LD D29 LD CP	1.0	352			0.0	0
WJBF D28 DT LIC	33.8	8,303	4.0	106	4.0	106
WFXL D29 DT CP	3.0	2,209	1.0	694	1.0	694
WAGT-CD D30 DC LIC	29.8	8,197	0.0	0	0.0	0

Interference to BLANK0000095112 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W29FD-D	D29	LD	LIC	COLUMBUS, GA	BLANK0000095112	
Undesireds:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	124.8 km
	W28ER-D	D28	LD	CP	COLUMBUS, GA	BNPDTL20090825BAW	17.6
	WBRC	D29	DT	LIC	BIRMINGHAM, AL	BLANK0000081282	227.9
	WQMK-LD	D29	LD	LIC	CUSSETA, AL	BLANK0000143981	66.5
	W29FJ-D	D29	LD	CP	DOTHAN, AL	BLANK0000071839	136.2
	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	140.7
	W29DN-D	D29	LD	LIC	ATHENS, GA	BLDTL20140221ACE	224.4
	WYGA-CD	D29	DC	CP	ATLANTA, GA	BLANK0000127583	163.2
	WGIQ	D30	DT	LIC	LOUISVILLE, AL	BLANK0000067031	90.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
6542.8	329,659	6367.6	328,874	5624.5	306,111	5624.5	306,111	0.00	0.00

Undesired		Total IX	Unique IX, before		Unique IX, after	
WJDO-LD D29 LD CP	8.0	3			0.0	0
W28ER-D D28 LD CP	8.0	6,010	6.0	5,918	6.0	5,918
WBRC D29 DT LIC	36.3	67	15.1	57	14.1	57
WQMK-LD D29 LD LIC	78.1	2,175	41.1	1,242	41.1	1,242
W29FJ-D D29 LD CP	1.0	0	1.0	0	1.0	0
WFXL D29 DT CP	671.8	15,542	612.6	14,507	609.6	14,504
WGIQ D30 DT LIC	9.1	4	7.1	4	7.1	4

Interference to BLCDT20140827ABB LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WGBP-TV	D30	DT	LIC	OPELIKA, AL	BLCDT20140827ABB	
Undesireds:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	124.8 km
	WIAT	D30	DT	LIC	BIRMINGHAM, AL	BLCDT20021219AAV	228.3
	WGIQ	D30	DT	LIC	LOUISVILLE, AL	BLANK0000067031	90.4
	WEIQ	D30	DT	LIC	MOBILE, AL	BLANK0000111746	347.1
	WVUP-CD	D30	DC	LIC	TALLAHASSEE, FL	BLANK0000120620	202.0
	WAGT-CD	D30	DC	LIC	AUGUSTA, GA	BLANK0000063630	301.3
	WMGT-TV	D30	DT	LIC	MACON, GA	BLANK0000075816	124.7
	WYFF	D30	DT	LIC	GREENVILLE, SC	BLANK0000081030	370.1
	W30CV-D	D30	DC	CP	HILTON HEAD ISLAND, SC	BLANK0000127486	370.1
	WNCF	D31	DT	LIC	MONTGOMERY, AL	BLANK0000001319	187.8
	WPCH-TV	D31	DT	LIC	ATLANTA, GA	BLANK0000152274	170.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX

33768.3	947,969	33346.9	939,285	25861.6	759,218	25861.6	759,218	0.00	0.00

Undesired	Total IX		Unique IX, before		Unique IX, after	
WJDO-LD D29 LD CP	12.0	1,050			0.0	0
WIAT D30 DT LIC	331.4	5,137	60.0	720	60.0	720
WGIQ D30 DT LIC	6130.8	126,980	4958.8	89,330	4958.8	89,330
WEIQ D30 DT LIC	12.1	120	0.0	0	0.0	0
WVUP-CD D30 DC LIC	2.0	0	1.0	0	1.0	0
WAGT-CD D30 DC LIC	2.0	341	0.0	0	0.0	0
WMGT-TV D30 DT LIC	2203.0	81,940	1221.4	49,963	1220.4	49,869
WYFF D30 DT LIC	312.8	12,288	7.0	250	7.0	250
WNCF D31 DT LIC	20.1	65	1.0	1	1.0	1
WPCH-TV D31 DT LIC	141.3	7,422	2.0	0	2.0	0

Interference to proposal scenario 1
2.65% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	
Undesireds:	W28EU-D	D28	LD	LIC	MACON, GA	BLANK0000112812	49.6 km
	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	160.2
	W29DN-D	D29	LD	LIC	ATHENS, GA	BLDTL20140221ACE	123.2
	WYGA-CD	D29	DC	CP	ATLANTA, GA	BLANK0000127583	133.3
	W29FD-D	D29	LD	LIC	COLUMBUS, GA	BLANK0000095112	124.8
	W29EN-D	D29	LD	LIC	SOPERTON, GA	BLANK0000157738	250.0
	WMGT-TV	D30	DT	LIC	MACON, GA	BLANK0000075816	0.5

Service area		Terrain-limited		IX-free		Percent IX	
6879.8	417,928	6789.8	416,863	6401.8	405,803	5.72	2.65

Undesired	Total IX		Unique IX		Prcnt Unique IX	
W28EU-D D28 LD LIC	19.0	992	18.0	940	0.26	0.23
WFXL D29 DT CP	354.1	10,060	294.2	9,483	4.33	2.27
W29DN-D D29 LD LIC	49.8	351	4.0	17	0.06	0.00
WYGA-CD D29 DC CP	10.0	70	0.0	0	0.00	0.00
W29FD-D D29 LD LIC	5.0	97	0.0	0	0.00	0.00
WMGT-TV D30 DT LIC	21.0	137	12.0	43	0.18	0.01

Interference to proposal scenario 2
2.65% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	
Undesireds:	W28EU-D	D28	LD	LIC	MACON, GA	BLANK0000112812	49.6 km
	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	160.2
	WYGA-CD	D29	DC	CP	ATLANTA, GA	BLANK0000127583	133.3
	W29FD-D	D29	LD	LIC	COLUMBUS, GA	BLANK0000095112	124.8
	W29EN-D	D29	LD	LIC	SOPERTON, GA	BLANK0000157738	250.0
	WMGT-TV	D30	DT	LIC	MACON, GA	BLANK0000075816	0.5

Service area		Terrain-limited		IX-free		Percent IX	
6879.8	417,928	6789.8	416,863	6405.8	405,820	5.66	2.65

Undesired	Total IX		Unique IX		Prcnt Unique IX	
W28EU-D D28 LD LIC	19.0	992	18.0	940	0.26	0.23
WFXL D29 DT CP	354.1	10,060	329.1	9,747	4.85	2.34
WYGA-CD D29 DC CP	10.0	70	0.0	0	0.00	0.00
W29FD-D D29 LD LIC	5.0	97	0.0	0	0.00	0.00
WMGT-TV D30 DT LIC	21.0	137	12.0	43	0.18	0.01

Interference to proposal scenario 3
2.65% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	
Undesireds:	W28EU-D	D28	LD	LIC	MACON, GA	BLANK0000112812	49.6 km
	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	160.2
	W29DN-D	D29	LD	LIC	ATHENS, GA	BLDTL20140221ACE	123.2
	WYGA-CD	D29	DC	LIC	ATLANTA, GA	BLANK0000081313	133.3
	W29FD-D	D29	LD	LIC	COLUMBUS, GA	BLANK0000095112	124.8

	W29EN-D	D29	LD	LIC	SOPERTON, GA	BLANK0000157738	250.0
	WMGT-TV	D30	DT	LIC	MACON, GA	BLANK0000075816	0.5

Service area		Terrain-limited		IX-free		Percent IX	
6879.8	417,928	6789.8	416,863	6401.8	405,803	5.72	2.65

Undesired			Total IX		Unique IX	Prcnt Unique IX	
W28EU-D	D28	LD LIC	19.0	992	18.0	940	0.26	0.23
WFXL	D29	DT CP	354.1	10,060	296.2	9,483	4.36	2.27
W29DN-D	D29	LD LIC	49.8	351	4.0	17	0.06	0.00
WYGA-CD	D29	DC LIC	1.0	7	0.0	0	0.00	0.00
W29FD-D	D29	LD LIC	5.0	97	0.0	0	0.00	0.00
WMGT-TV	D30	DT LIC	21.0	137	12.0	43	0.18	0.01

Interference to proposal scenario 4
2.65% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WJDO-LD	D29	LD	CP	MACON, GA	WJDO_MOD_248M	
Undesireds:	W28EU-D	D28	LD	LIC	MACON, GA	BLANK0000112812	49.6 km
	WFXL	D29	DT	CP	ALBANY, GA	BLANK0000150485	160.2
	WYGA-CD	D29	DC	LIC	ATLANTA, GA	BLANK0000081313	133.3
	W29FD-D	D29	LD	LIC	COLUMBUS, GA	BLANK0000095112	124.8
	W29EN-D	D29	LD	LIC	SOPERTON, GA	BLANK0000157738	250.0
	WMGT-TV	D30	DT	LIC	MACON, GA	BLANK0000075816	0.5

Service area		Terrain-limited		IX-free		Percent IX	
6879.8	417,928	6789.8	416,863	6405.8	405,820	5.66	2.65

Undesired			Total IX		Unique IX	Prcnt Unique IX	
W28EU-D	D28	LD LIC	19.0	992	18.0	940	0.26	0.23
WFXL	D29	DT CP	354.1	10,060	338.1	9,810	4.98	2.35
WYGA-CD	D29	DC LIC	1.0	7	0.0	0	0.00	0.00
W29FD-D	D29	LD LIC	5.0	97	0.0	0	0.00	0.00
WMGT-TV	D30	DT LIC	21.0	137	12.0	43	0.18	0.01