

ENGINEERING EXHIBIT

Displacement Application of Licensed Digital Low Power Television Station

prepared for

Gray Television Licensee, LLC
WKSY-LD Summerville/Trion, GA
Facility ID 49237
Ch. 24 15 kW Directional

Gray Television Licensee, LLC (“*Gray*”) is the licensee of digital Low Power Television station WKSY-LD, Channel 21, Summerville/Trion GA, Facility ID 49237. WKSY-LD is licensed (file# BLDTL-20100104AAD) to operate with 0.6 kW effective radiated power (“ERP”), directional. The licensed Channel 21 facility is displaced by a full-service television station that was reassigned to a new channel. *Gray* herein seeks a displacement Construction Permit (“CP”) to change to Channel 24 and to utilize a different transmitting location at increased power and height.

The licensed Channel 21 facility is displaced due to predicted interference caused to WTTO (Facility ID 74138, Homewood AL, 177 km distant). WTTO was reassigned to Channel 21 at the incentive auction¹ and is now licensed on Channel 21 (file# 0000192390). Table 1 supplies an interference analysis summary regarding WTTO, showing that WKSY-LD causes 0.60 percent predicted interference to WTTO.

The proposed WKSY-LD Channel 24 facility will employ an antenna to the side-mounted on the tower structure associated with FCC Antenna Structure Registration number 1042422. The site is located 41.9 km (26.0 miles) from the licensed WKSY-LD site. No change to the overall structure height will result.

¹*Incentive Auction Closing and Channel Reassignment Public Notice*, DA 17-317, released April 13, 2017.

The proposed antenna is a Dielectric model TLP-8H/VP having elliptical polarization. The ERP is 15 kW horizontally polarized and 4.5 kW vertically polarized using a “full service” out of channel emission mask. A plot of the directional antenna’s azimuthal pattern is supplied in Figure 1. Figure 2 depicts the coverage contour of the proposed facility as well as that of the licensed facility, demonstrating compliance with §73.3572 for a minor change.

Interference study per OET Bulletin 69² shows that the proposal complies with the FCC’s interference protection requirements toward all digital television, television translator, LPTV, and Class A stations. FCC processing of this proposal is requested using a 1.0 km cell size and 0.2 km terrain profile increment. The results, summarized in Table 2, show that any new interference does not exceed the FCC’s interference limits (0.5 percent to full power and Class A stations, and 2.0 percent to secondary stations) to any facility.

Human Exposure to Radiofrequency Electromagnetic Field (Environmental)

The proposed facility was evaluated for human exposure to RF energy using the procedures outlined in the FCC’s OET Bulletin Number 65. Based on OET-65 equation (10) and 25 percent antenna relative field in downward elevations (pattern data shows 25 percent or less relative field at angles 10 to 90 degrees below the antenna), the calculated power density attributable to the proposed facility at locations near the transmitter site at a height of two meters above ground level is $2.8 \mu\text{W/cm}^2$, which is 0.8 percent of the general population / uncontrolled maximum permissible exposure limit. This is well below the five percent threshold limit described in §1.1307(b) regarding sites with multiple emitters, categorically excluding the applicant from responsibility for taking any corrective action in the areas where the proposal’s contribution is less than five percent.

The general public will not be exposed to RF levels attributable to the proposal in excess of the FCC’s guidelines. RF exposure warning signs will continue to be posted. With respect to worker safety, the applicant will coordinate exposure procedures with all pertinent stations and

²FCC Office of Engineering and Technology Bulletin number 69, *Longley-Rice Methodology for Evaluating TV Coverage and Interference*, February 6, 2004 (“OET-69”). This analysis employed the FCC’s current “TVStudy” software with the default application processing template settings, 1 km cell size, and 0.2 km terrain increment. Comparisons of various results of this computer program (run on a Mac processor) to the FCCs implementation of TVStudy show excellent correlation.

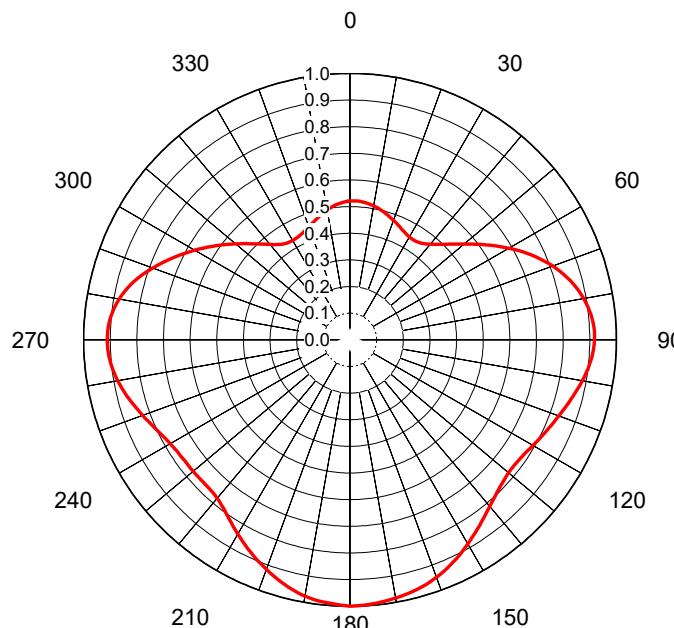
will reduce power or cease operation as necessary to protect persons having access to the site, tower, or antenna from RF electromagnetic field exposure in excess of FCC guidelines. This exhibit is limited to the evaluation of exposure to RF electromagnetic field. No increase in structure height is proposed.

List of Attachments

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| Figure 1 | Antenna Azimuthal Pattern |
| Figure 2 | Coverage Contour Comparison |
| Table 1 | Ch. 21 TVStudy Displacement Summary |
| Table 2 | TVStudy Analysis of Proposal |
| Form 2100 | Saved Version of Engineering Sections of FCC Form at Time of Upload |

Chesapeake RF Consultants, LLC

Joseph M. Davis, P.E. July 8, 2022
207 Old Dominion Road Yorktown, VA 23692 703-650-9600



AZIMUTH PATTERN Horizontal Polarization

Proposal No. **20220708jmd**
 Date **8-Jul-22**
 Call Letters **WKSY-LD**
 Channel **24**
 Frequency **533 MHz**
 Antenna Type **TLP-8H/VP**
 Gain **1.72 (2.36dB)**
 Calculated

Pattern Number **TLP-H-24 Hpol**

Deg	Value																		
0	0.521	36	0.450	72	0.830	108	0.844	144	0.842	180	1.000	216	0.797	252	0.841	288	0.810	324	0.443
1	0.522	37	0.453	73	0.839	109	0.839	145	0.849	181	0.998	217	0.791	253	0.847	289	0.800	325	0.439
2	0.522	38	0.458	74	0.848	110	0.834	146	0.856	182	0.996	218	0.785	254	0.853	290	0.788	326	0.436
3	0.522	39	0.463	75	0.856	111	0.830	147	0.863	183	0.994	219	0.780	255	0.858	291	0.777	327	0.433
4	0.521	40	0.468	76	0.864	112	0.825	148	0.870	184	0.993	220	0.776	256	0.864	292	0.766	328	0.432
5	0.520	41	0.475	77	0.872	113	0.821	149	0.878	185	0.991	221	0.773	257	0.870	293	0.754	329	0.431
6	0.519	42	0.482	78	0.879	114	0.816	150	0.885	186	0.989	222	0.770	258	0.875	294	0.742	330	0.430
7	0.517	43	0.490	79	0.885	115	0.812	151	0.892	187	0.986	223	0.769	259	0.880	295	0.731	331	0.430
8	0.515	44	0.498	80	0.891	116	0.808	152	0.899	188	0.984	224	0.768	260	0.885	296	0.719	332	0.431
9	0.513	45	0.507	81	0.896	117	0.804	153	0.906	189	0.980	225	0.768	261	0.890	297	0.707	333	0.432
10	0.511	46	0.517	82	0.901	118	0.800	154	0.913	190	0.977	226	0.768	262	0.894	298	0.696	334	0.434
11	0.508	47	0.527	83	0.906	119	0.796	155	0.919	191	0.972	227	0.768	263	0.898	299	0.684	335	0.436
12	0.505	48	0.537	84	0.909	120	0.793	156	0.926	192	0.968	228	0.768	264	0.901	300	0.673	336	0.438
13	0.502	49	0.548	85	0.912	121	0.789	157	0.932	193	0.962	229	0.768	265	0.904	301	0.661	337	0.441
14	0.499	50	0.560	86	0.915	122	0.786	158	0.938	194	0.957	230	0.768	266	0.906	302	0.650	338	0.444
15	0.496	51	0.571	87	0.917	123	0.783	159	0.944	195	0.951	231	0.768	267	0.909	303	0.638	339	0.448
16	0.492	52	0.584	88	0.918	124	0.781	160	0.949	196	0.945	232	0.768	268	0.910	304	0.627	340	0.452
17	0.489	53	0.596	89	0.918	125	0.779	161	0.954	197	0.938	233	0.769	269	0.911	305	0.615	341	0.456
18	0.485	54	0.609	90	0.918	126	0.777	162	0.958	198	0.931	234	0.769	270	0.911	306	0.604	342	0.460
19	0.481	55	0.622	91	0.917	127	0.776	163	0.963	199	0.924	235	0.770	271	0.911	307	0.593	343	0.464
20	0.477	56	0.635	92	0.915	128	0.776	164	0.967	200	0.917	236	0.771	272	0.910	308	0.582	344	0.468
21	0.474	57	0.648	93	0.913	129	0.776	165	0.970	201	0.910	237	0.772	273	0.909	309	0.571	345	0.473
22	0.470	58	0.661	94	0.911	130	0.777	166	0.973	202	0.903	238	0.774	274	0.906	310	0.560	346	0.477
23	0.466	59	0.675	95	0.907	131	0.779	167	0.976	203	0.896	239	0.776	275	0.904	311	0.550	347	0.482
24	0.463	60	0.688	96	0.904	132	0.781	168	0.979	204	0.888	240	0.779	276	0.900	312	0.539	348	0.486
25	0.459	61	0.701	97	0.900	133	0.784	169	0.982	205	0.881	241	0.783	277	0.896	313	0.529	349	0.491
26	0.456	62	0.714	98	0.895	134	0.787	170	0.984	206	0.873	242	0.786	278	0.891	314	0.519	350	0.495
27	0.453	63	0.727	99	0.890	135	0.791	171	0.986	207	0.865	243	0.791	279	0.886	315	0.510	351	0.499
28	0.450	64	0.740	100	0.885	136	0.795	172	0.989	208	0.858	244	0.795	280	0.880	316	0.500	352	0.503
29	0.448	65	0.752	101	0.880	137	0.800	173	0.991	209	0.850	245	0.800	281	0.873	317	0.492	353	0.506
30	0.446	66	0.765	102	0.875	138	0.805	174	0.993	210	0.842	246	0.805	282	0.866	318	0.483	354	0.509
31	0.445	67	0.777	103	0.870	139	0.811	175	0.994	211	0.834	247	0.811	283	0.858	319	0.475	355	0.512
32	0.444	68	0.788	104	0.865	140	0.816	176	0.996	212	0.827	248	0.817	284	0.850	320	0.467	356	0.515
33	0.444	69	0.799	105	0.859	141	0.822	177	0.997	213	0.819	249	0.823	285	0.841	321	0.460	357	0.517
34	0.445	70	0.810	106	0.854	142	0.829	178	0.998	214	0.811	250	0.828	286	0.831	322	0.454	358	0.519
35	0.447	71	0.820	107	0.849	143	0.835	179	0.999	215	0.804	251	0.835	287	0.821	323	0.448	359	0.520



Figure 1
Antenna Azimuthal Pattern
WKSY-LD Summerville/Trion, GA
Facility ID 49237

Ch. 24 15 kW Directional

prepared for
Gray Television Licensee, LLC

July, 2022

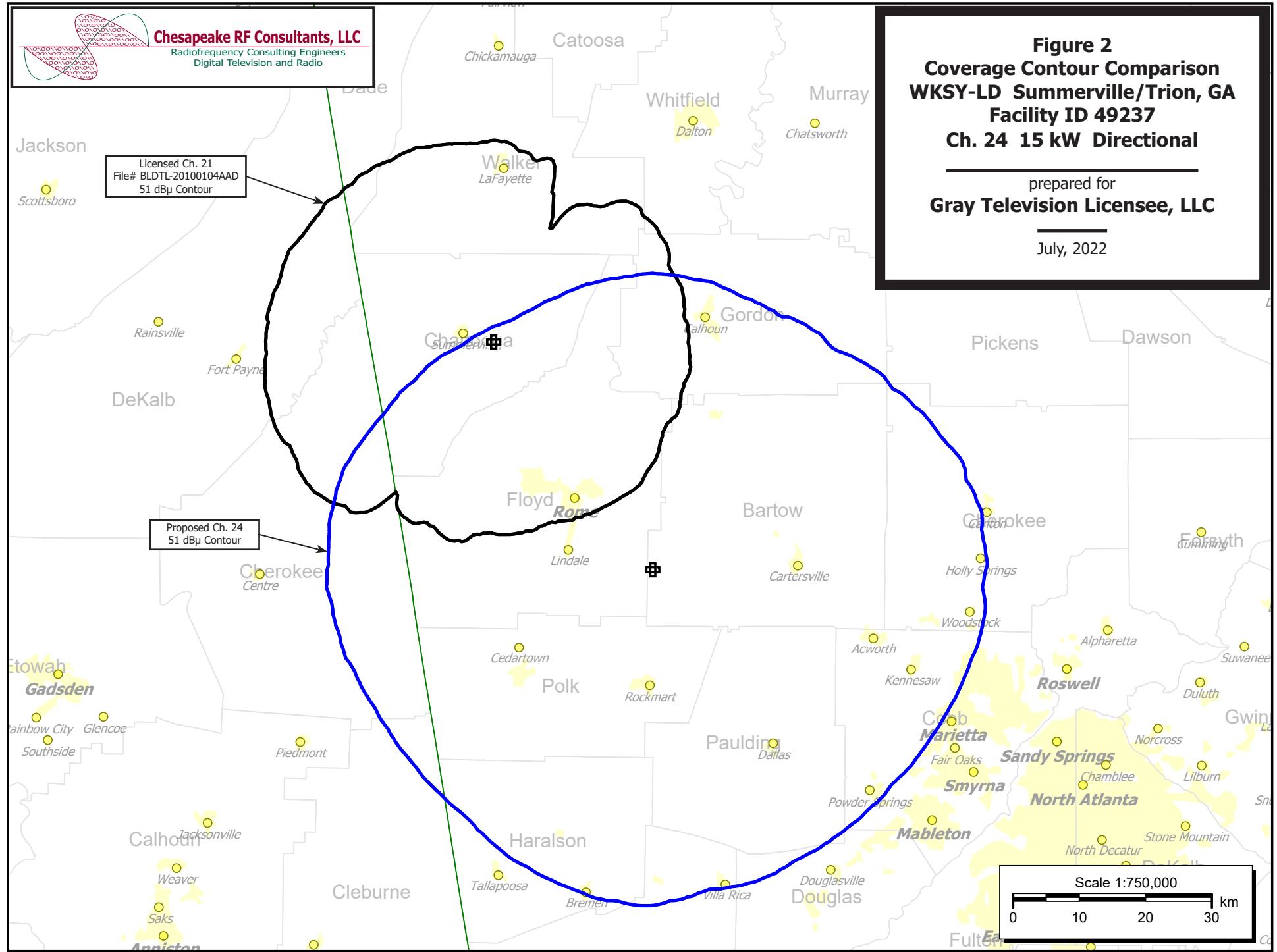


Table 1 WKSY-LD Ch. 21 TVStudy Displacement Summary
(page 1 of 1)



Interference caused to WTTO Repack Ch. 21 Homewood AL

Study cell size: 1.00 km
Profile point spacing: 1.00 km

Interference to BLANK0000192390 LIC scenario 1

**IX: 0.60% interference caused

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTTO	D21	DT	LIC	HOMWOOD, AL	BLANK0000192390	
Undesireds:	WKSY-LD	D21	LD	LIC	SUMMERTON/TRION, GA	BLDTL20100104AAD	177.0 km
	WDHN	D21	DT	LIC	DOOTHAN, AL	BLCDT20090303ACR	286.2
	WPAN	D21	DT	LIC	FORT WALTON BEACH, FL	BLANK0000124712	313.9
	WABE-TV	D21	DT	LIC	ATLANTA, GA	BLANK0000143418	230.8
	WAPT	D21	DT	LIC	JACKSON, MS	BLCDT20081126ALZ	352.0
	WJKT	D21	DT	LIC	JACKSON, TN	BLANK0000114687	331.1
	WUXP-TV	D21	DT	LIC	NASHVILLE, TN	BLANK0000159943	308.9
	WFIQ	D22	DT	LIC	FLORENCE, AL	BLEDT20060718ACG	151.2
	WCOT-TV	D22	DT	LIC	MONTGOMERY, AL	BLANK0000115937	178.3
Service area					Terrain-limited	IX-free, before	IX-free, after
36173.2	1,876,439	34635.2	1,844,443	32978.0	1,798,671	32913.9	1,787,872
Undesired				Total IX	Unique IX, before	Unique IX, after	Percent New IX
WKSY-LD D21 LD LIC		93.9		14,358		64.2	10,799
WDHN D21 DT LIC		938.8		18,248	525.4	524.4	9,443
WPAN D21 DT LIC		48.1		465	8.0	8.0	5
WABE-TV D21 DT LIC		359.2		11,583	124.1	5,620	109.2
WAPT D21 DT LIC		123.5		2,220	81.6	1,748	81.6
WJKT D21 DT LIC		71.2		1,346	7.0	34	7.0
WUXP-TV D21 DT LIC		380.6		18,860	288.3	16,055	282.3
WFIQ D22 DT LIC		21.1		474	1.0	16	1.0
WCOT-TV D22 DT LIC		275.4		5,102	104.2	1,188	104.2
							1,188

Table 2 WKSY-LD Ch. 24 TVStudy Analysis of Proposal
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tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WKSY-LD 24 1042422_TLP-H, Model: Longley-Rice
Start: 2022.07.08 10:22:20

Study created: 2022.07.08 10:22:20

Study build station data: LMS TV 2022-07-08

Proposal: WKSY-LD D24 LD APP SUMMERTVILLE/TRION, GA
File number: WKSY-LD 24 1042422 TLP-H
Facility ID: 49237
Station data: User record
Record ID: 4488
Country: U.S.

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

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	WCTD-LD	N22-	TX	LIC	DUCKTOWN, TN	BLTTL20070622ADD	111.3 km
No	WOIL-CD	D23	DC	LIC	TALLADEGA, AL	BLANK0000110450	136.4
No	WZVC-LD	D23	LD	LIC	ATHENS, GA	BLANK0000178758	176.4
No	WZVC-LD	D23	LD	CP	ATHENS, GA	BLANK0000185000	170.5
No	W23EV-D	D23	LD	LIC	CARROLLTON, GA	BLANK0000125385	66.2
No	WAUA-LD	D23	LD	LIC	COLUMBUS, GA	BLANK0000189629	188.1
No	WKTB-CD	D23	DC	LIC	NORCROSS, GA	BLANK0000081811	81.5
No	WPGA-TV	D23	DT	LIC	PERRY, GA	BLANK0000116580	208.1
No	W23EZ-D	D23	LD	LIC	SYLVA, NC	BLANK0000080642	202.5
Yes	WFLL-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	114.2
No	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK0000001638	179.8
No	WBXA-CD	D24	DC	CP	BIRMINGHAM, AL	BLANK0000035776	179.8
Yes	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK000004828	151.1
No	WSRE	D24	DT	LIC	PENSACOLA, FL	BLANK0000090765	462.3
No	WTLF	D24	DT	CP	TALLAHASSEE, FL	BLANK0000035775	399.4
No	WTLF	D24	DT	LIC	TALLAHASSEE, FL	BLCDT20030303ABF	411.5
No	W24FC-D	D24	LD	CP	AUGUSTA, GA	BLANK0000194233	266.8
No	W24FC-D	D24	LD	LIC	AUGUSTA, GA	BLANK0000194531	266.8
Yes	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021	189.3
No	WVND-LD	D24	LD	LIC	SUWANEE, GA	BLANK0000179560	90.9
Yes	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315	160.8
No	WNKY	D24	DT	LIC	BOWLING GREEN, KY	BLANK0000111324	335.8
No	W24EP-D	D24	DC	LIC	FULTON, MS	BLANK0000063965	296.8
No	WMDN	D24	DT	CP	MERIDIAN, MS	BLANK0000035927	396.1
No	WMDN	D24	DT	LIC	MERIDIAN, MS	BLCDT20090304ADW	396.1
No	WCNC-TV	D24	DT	LIC	CHARLOTTE, NC	BLANK0000147158	376.9
Yes	WDDA-LD	D24	LD	LIC	CHATTANOOGA, TN	BLANK0000185266	111.1
No	WNPX-LD	D24-	LD	LIC	NASHVILLE, TN	BLANK0000179242	248.3
No	WETP-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200	298.9
No	WCQT-LP	D25	LD	CP	CULLMAN, AL	BLANK0000149635	166.2
No	W25FC-D	D25	LD	LIC	JASPER, AL	BLANK0000155760	212.1
No	WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489	276.0
Yes	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH	75.3
No	W25FP-D	D25	LD	LIC	YOUNG HARRIS, GA	BLANK0000136498	137.6
No	W25FP-D	D25	LD	CP	YOUNG HARRIS, GA	BLANK0000162659	148.7
No	WYHB-CD	D25	DC	LIC	CHATTANOOGA, TN	BLANK0000102891	118.8
No	WYHB-CD	D25	DC	CP	CHATTANOOGA, TN	BLANK0000127542	118.8
No	DDWDLE-LP	D25+	LD	APP	PIGEON FORGE, TN	BLANK0000139392	222.0
No	WTBS-LD	N26-	TX	LIC	ATLANTA, GA	BLTTL20000620AEP	74.5
No	WNAL-LD	N27-	TX	LIC	Scottsboro, AL	BLTT20060126AEL	99.8

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D24
Mask: Full Service

Table 2 WKSY-LD Ch. 24 TVStudy Analysis of Proposal
(page 2 of 11)



Latitude: 34° 9' 34.30 N (NAD83)
Longitude: 85° 2' 12.80 W
Height AMSL: 448.9 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: DIE TLP-H 180.0 deg
Elev Pattrn: Generic
Elec Tilt: 1.00

49.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	4.07 kW	228.5 m	46.2 km
45.0	3.96	226.1	45.9
90.0	12.6	221.2	51.6
135.0	9.52	219.7	50.1
180.0	15.0	212.7	52.0
225.0	8.94	189.4	48.0
270.0	12.4	204.3	50.5
315.0	3.96	244.2	46.9

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 218 m

Distance to Canadian border: 860.6 km

Distance to Mexican border: 1459.3 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 138.8 degrees Distance: 43.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 296.3 degrees Distance: 1902.2 km

Study cell size: 1.00 km
Profile point spacing: 0.20 km

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

Interference to BLANK0000093785 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	
Undesireds:	WKSY-LD	D24	LD	APP	SUMMERTON/TRION, GA	WKSY-LD 24 1042422 TLP	114.2 km
	WHSG-TV	D22	DT	LIC	MONROE, GA	BLANK0000081582	180.2
	WCTE	D22	DT	LIC	COOKEVILLE, TN	BLEDT20110413ACS	112.6
	WOIL-CD	D23	DC	LIC	TALLADEGA, AL	BLANK0000110450	210.9
	WKTB-CD	D23	DC	LIC	NORCROSS, GA	BLANK0000081811	171.9
	WKZT-TV	D23	DT	LIC	ELIZABETHTOWN, KY	BLANK0000087417	284.1
	WJDE-CD	D23	DC	LIC	NASHVILLE, TN	BLANK0000096454	176.3
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828	120.0
Service area					Terrain-limited	IX-free, before	IX-free, after
25352.0	1,294,296	22274.8	1,176,428	21897.7	1,160,631	21857.3	1,155,867
Undesired					Total IX	Unique IX, before	Unique IX, after
WKSY-LD D24 LD APP		60.5		9,528		40.3	4,764
WHSG-TV D22 DT LIC		2.0		0	0.0	0.0	0
WCTE D22 DT LIC		96.3		1,557	90.3	1,509	1,509
WOIL-CD D23 DC LIC		150.9		6,016	133.7	5,060	132.7
WKTB-CD D23 DC LIC		93.4		7,717	70.3	6,770	56.2
WKZT-TV D23 DT LIC		3.0		0	0.0	0	0
WJDE-CD D23 DC LIC		55.7		1,448	50.8	1,441	50.8
WHIQ D24 DT LIC		5.0		63	4.0	13	13

Interference to BLANK000004828 LIC scenario 1

Table 2 WKSY-LD Ch. 24 TVStudy Analysis of Proposal
(page 3 of 11)



Desired:	Call WHIQ	Chan D24	Svc DT	Status LIC	City, State HUNTSVILLE, AL	File Number BLANK000004828	Distance
Undesireds:	WKSY-LD	D24	LD	APP	SUMMERTON/TRION, GA	WKSY-LD 24 1042422 TLP	151.1 km
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	120.0
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK000001638	141.5
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021	295.5
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315	289.1
	WNKY	D24	DT	LIC	BOWLING GREEN, KY	BLANK0000111324	257.4
	W24EP-D	D24	DC	LIC	FULTON, MS	BLANK0000063965	175.7
	WMDN	D24	DT	CP	MERIDIAN, MS	BLANK0000035927	334.4
	WEPT-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200	353.7
	WYHB-CD	D25	DC	LIC	CHATTANOOGA, TN	BLANK0000102891	125.5
Service area	28802.7	1,279,480	27308.1	Terrain-limited 1,220,796	IX-free, before 27179.9	IX-free, after 1,217,023	Percent New IX 0.43 0.29
Undesired			Total IX	Unique IX, before	Unique IX, after		
WKSY-LD D24 LD APP		125.5	3,962	31.0	899	116.5	3,579
WFLI-TV D23 DT LIC		34.0	947	73	0	31.0	899
WBXA-CD D24 DC LIC		1.0	1.0	73	0	1.0	73
WXTX D24 DT LIC		5.0	276	1.0	0	0.0	0
WGTA D24 DT LIC		5.0	267	2.0	73	0.0	0
WNKY D24 DT LIC		17.9	966	17.9	966	17.9	966
W24EP-D D24 DC LIC		3.0	0	2.0	0	2.0	0
WMDN D24 DT CP		56.3	1,228	54.4	1,146	54.4	1,146
WEPT-TV D24 DT LIC		15.0	340	11.0	292	10.0	258

Interference to BLANK000004828 LIC scenario 2							
Desired:	Call WHIQ	Chan D24	Svc DT	Status LIC	City, State HUNTSVILLE, AL	File Number BLANK000004828	Distance
Undesireds:	WKSY-LD	D24	LD	APP	SUMMERTON/TRION, GA	WKSY-LD 24 1042422 TLP	151.1 km
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	120.0
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK000001638	141.5
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021	295.5
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315	289.1
	WNKY	D24	DT	LIC	BOWLING GREEN, KY	BLANK0000111324	257.4
	W24EP-D	D24	DC	LIC	FULTON, MS	BLANK0000063965	175.7
	WMDN	D24	DT	LIC	MERIDIAN, MS	BLCDT20090304ADW	334.4
	WEPT-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200	353.7
	WYHB-CD	D25	DC	LIC	CHATTANOOGA, TN	BLANK0000102891	125.5
Service area	28802.7	1,279,480	27308.1	Terrain-limited 1,220,796	IX-free, before 27195.7	IX-free, after 1,217,289	Percent New IX 0.43 0.29
Undesired			Total IX	Unique IX, before	Unique IX, after		
WKSY-LD D24 LD APP		125.5	3,962	31.0	899	116.5	3,579
WFLI-TV D23 DT LIC		34.0	947	73	0	31.0	899
WBXA-CD D24 DC LIC		1.0	1.0	73	0	1.0	73
WXTX D24 DT LIC		5.0	276	1.0	0	0.0	0
WGTA D24 DT LIC		5.0	267	2.0	73	0.0	0
WNKY D24 DT LIC		17.9	966	17.9	966	17.9	966
W24EP-D D24 DC LIC		3.0	0	2.0	0	2.0	0
WMDN D24 DT LIC		40.5	962	38.5	880	38.5	880
WEPT-TV D24 DT LIC		15.0	340	11.0	292	10.0	258

Interference to BLANK000004828 LIC scenario 3							
Desired:	Call WHIQ	Chan D24	Svc DT	Status LIC	City, State HUNTSVILLE, AL	File Number BLANK000004828	Distance
Undesireds:	WKSY-LD	D24	LD	APP	SUMMERTON/TRION, GA	WKSY-LD 24 1042422 TLP	151.1 km
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	120.0
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK000001638	141.5
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021	295.5
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315	289.1
	WNKY	D24	DT	LIC	BOWLING GREEN, KY	BLANK0000111324	257.4
	W24EP-D	D24	DC	LIC	FULTON, MS	BLANK0000063965	175.7

Desired:	Call WHIQ	Chan D24	Svc DT	Status LIC	City, State HUNTSVILLE, AL	File Number BLANK000004828	Distance
Undesireds:	WKSY-LD	D24	LD	APP	SUMMERTON/TRION, GA	WKSY-LD 24 1042422 TLP	151.1 km
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	120.0
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK000001638	141.5
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021	295.5
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315	289.1
	WNKY	D24	DT	LIC	BOWLING GREEN, KY	BLANK0000111324	257.4
	W24EP-D	D24	DC	LIC	FULTON, MS	BLANK0000063965	175.7

Table 2 WKSY-LD Ch. 24 TVStudy Analysis of Proposal
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WMDN	D24	DT	CP	MERIDIAN, MS	BLANK0000035927	334.4
WETP-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200	353.7
WYHB-CD	D25	DC	CP	CHATTANOOGA, TN	BLANK0000127542	125.5
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
28802.7	1,279,480	27308.1	1,220,796	27179.9	1,217,023	27063.4
Undesired		Total IX		Unique IX, before	Unique IX, after	
WKSY-LD D24 LD APP	125.5	3,962		898	116.5	3,579
WFLI-TV D23 DT LIC	34.0	947		29.0	29.0	898
WBXA-CD D24 DC LIC	1.0	73		73	1.0	73
WXTX D24 DT LIC	5.0	276		0	0.0	0
WGTA D24 DT LIC	5.0	267		73	0.0	0
WNKY D24 DT LIC	17.9	966		966	17.9	966
W24EP-D D24 DC LIC	3.0	0		0	2.0	0
WMDN D24 DT CP	56.3	1,228		54.4	54.4	1,146
WETP-TV D24 DT LIC	15.0	340		11.0	292	10.0
WYHB-CD D25 DC CP	3.0	6		0.0	0	0.0

Interference to BLANK000004828 LIC scenario 4						
Desired:	Call WHIQ	Chan D24	Svc DT	Status LIC	City, State HUNTSVILLE, AL	File Number BLANK000004828
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	Distance 151.1 km
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785 120.0
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK000001638 141.5
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021 295.5
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315 289.1
	WNKY	D24	DT	LIC	BOWLING GREEN, KY	BLANK0000111324 257.4
	W24EP-D	D24	DC	LIC	FULTON, MS	BLANK0000063965 175.7
	WMDN	D24	DT	LIC	MERIDIAN, MS	BLCDT20090304ADW 334.4
	WETP-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200 353.7
	WYHB-CD	D25	DC	CP	CHATTANOOGA, TN	BLANK0000127542 125.5
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
28802.7	1,279,480	27308.1	1,220,796	27195.7	1,217,289	27079.2
Undesired		Total IX		Unique IX, before	Unique IX, after	
WKSY-LD D24 LD APP	125.5	3,962		898	116.5	3,579
WFLI-TV D23 DT LIC	34.0	947		29.0	29.0	898
WBXA-CD D24 DC LIC	1.0	73		73	1.0	73
WXTX D24 DT LIC	5.0	276		0	0.0	0
WGTA D24 DT LIC	5.0	267		73	0.0	0
WNKY D24 DT LIC	17.9	966		966	17.9	966
W24EP-D D24 DC LIC	3.0	0		0	2.0	0
WMDN D24 DT LIC	40.5	962		38.5	880	38.5
WETP-TV D24 DT LIC	15.0	340		11.0	292	10.0
WYHB-CD D25 DC CP	3.0	6		0.0	0	0.0

Interference to BLANK000004828 LIC scenario 5						
Desired:	Call WHIQ	Chan D24	Svc DT	Status LIC	City, State HUNTSVILLE, AL	File Number BLANK000004828
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	Distance 151.1 km
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785 120.0
	WBXA-CD	D24	DC	CP	BIRMINGHAM, AL	BLANK0000035776 141.5
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021 295.5
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315 289.1
	WNKY	D24	DT	LIC	BOWLING GREEN, KY	BLANK0000111324 257.4
	W24EP-D	D24	DC	LIC	FULTON, MS	BLANK0000063965 175.7
	WMDN	D24	DT	CP	MERIDIAN, MS	BLANK0000035927 334.4
	WETP-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200 353.7
	WYHB-CD	D25	DC	LIC	CHATTANOOGA, TN	BLANK0000102891 125.5
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
28802.7	1,279,480	27308.1	1,220,796	27179.9	1,217,023	27063.4
Undesired		Total IX		Unique IX, before	Unique IX, after	
WKSY-LD D24 LD APP	125.5	3,962		898	116.5	3,579

Table 2 WKSY-LD Ch. 24 TVStudy Analysis of Proposal
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WFLI-TV D23 DT LIC	34.0	947	31.0	899	31.0	899
WBXA-CD D24 DC CP	1.0	73	1.0	73	1.0	73
WXTX D24 DT LIC	5.0	276	1.0	0	0.0	0
WGTA D24 DT LIC	5.0	267	2.0	73	0.0	0
WNKY D24 DT LIC	17.9	966	17.9	966	17.9	966
W24EP-D D24 DC LIC	3.0	0	2.0	0	2.0	0
WMDN D24 DT CP	56.3	1,228	54.4	1,146	54.4	1,146
WETP-TV D24 DT LIC	15.0	340	11.0	292	10.0	258

Interference to BLANK0000004828 LIC scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828	
Undesireds:	WKSY-LD	D24	LD	APP	SUMMERTON/TRION, GA	WKSY-LD 24 1042422 TLP	151.1 km
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	120.0
	WBXA-CD	D24	DC	CP	BIRMINGHAM, AL	BLANK0000035776	141.5
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021	295.5
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315	289.1
	WNKY	D24	DT	LIC	BOWLING GREEN, KY	BLANK0000111324	257.4
	W24EP-D	D24	DC	LIC	FULTON, MS	BLANK0000063965	175.7
	WMDN	D24	DT	LIC	MERIDIAN, MS	BLCDT20090304ADW	334.4
	WETP-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200	353.7
	WYHB-CD	D25	DC	LIC	CHATTANOOGA, TN	BLANK0000102891	125.5
Service area					Terrain-limited	IX-free, before	IX-free, after
28802.7	1,279,480	27308.1	1,220,796	27195.7	1,217,289	27079.2	1,213,710
							Percent New IX
						0.43	0.29
Undesired					Total IX	Unique IX, before	Unique IX, after
WKSY-LD D24 LD APP		125.5		3,962		116.5	3,579
WFLI-TV D23 DT LIC		34.0		947	31.0	899	
WBXA-CD D24 DC CP		1.0		73	1.0	73	
WXTX D24 DT LIC		5.0		276	1.0	0	0.0
WGTA D24 DT LIC		5.0		267	2.0	73	0.0
WNKY D24 DT LIC		17.9		966	17.9	966	
W24EP-D D24 DC LIC		3.0		0	2.0	0	2.0
WMDN D24 DT LIC		40.5		962	38.5	880	38.5
WETP-TV D24 DT LIC		15.0		340	11.0	292	10.0
							258

Interference to BLANK0000004828 LIC scenario 7

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828	
Undesireds:	WKSY-LD	D24	LD	APP	SUMMERTON/TRION, GA	WKSY-LD 24 1042422 TLP	151.1 km
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	120.0
	WBXA-CD	D24	DC	CP	BIRMINGHAM, AL	BLANK0000035776	141.5
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021	295.5
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315	289.1
	WNKY	D24	DT	LIC	BOWLING GREEN, KY	BLANK0000111324	257.4
	W24EP-D	D24	DC	LIC	FULTON, MS	BLANK0000063965	175.7
	WMDN	D24	DT	CP	MERIDIAN, MS	BLANK0000035927	334.4
	WETP-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200	353.7
	WYHB-CD	D25	DC	CP	CHATTANOOGA, TN	BLANK0000127542	125.5
Service area					Terrain-limited	IX-free, before	IX-free, after
28802.7	1,279,480	27308.1	1,220,796	27179.9	1,217,023	27063.4	1,213,444
							Percent New IX
						0.43	0.29
Undesired					Total IX	Unique IX, before	Unique IX, after
WKSY-LD D24 LD APP		125.5		3,962		116.5	3,579
WFLI-TV D23 DT LIC		34.0		947	29.0	898	29.0
WBXA-CD D24 DC CP		1.0		73	1.0	73	1.0
WXTX D24 DT LIC		5.0		276	1.0	0	0.0
WGTA D24 DT LIC		5.0		267	2.0	73	0.0
WNKY D24 DT LIC		17.9		966	17.9	966	17.9
W24EP-D D24 DC LIC		3.0		0	2.0	0	2.0
WMDN D24 DT CP		56.3		1,228	54.4	1,146	54.4
WETP-TV D24 DT LIC		15.0		340	11.0	292	10.0
WYHB-CD D25 DC CP		3.0		6	0.0	0	0.0

Table 2 WKSY-LD Ch. 24 TVStudy Analysis of Proposal
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Interference to BLANK000004828 LIC scenario 8

Desired:	Call WHIQ	Chan D24	Svc DT	Status LIC	City, State HUNTSVILLE, AL	File Number BLANK000004828	Distance
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP	151.1 km
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	120.0
	WBXA-CD	D24	DC	CP	BIRMINGHAM, AL	BLANK0000035776	141.5
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021	295.5
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315	289.1
	WNKY	D24	DT	LIC	BOWLING GREEN, KY	BLANK0000111324	257.4
	W24EP-D	D24	DC	LIC	FULTON, MS	BLANK0000063965	175.7
	WMDN	D24	DT	LIC	MERIDIAN, MS	BLCDT20090304ADW	334.4
	WETP-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200	353.7
	WYHB-CD	D25	DC	CP	CHATTANOOGA, TN	BLANK0000127542	125.5
Service area	28802.7	1,279,480	27308.1	Terrain-limited 1,220,796	IX-free, before 27195.7	IX-free, after 1,217,289	Percent New IX 0.43 0.29
Undesired				Total IX	Unique IX, before	Unique IX, after	
WKSY-LD D24 LD APP		125.5		3,962		116.5	3,579
WFLI-TV D23 DT LIC		34.0		947	29.0	29.0	898
WBXA-CD D24 DC CP		1.0		73	1.0	1.0	73
WXTX D24 DT LIC		5.0		276	1.0	0	0.0
WGTA D24 DT LIC		5.0		267	2.0	73	0.0
WNKY D24 DT LIC		17.9		966	17.9	17.9	966
W24EP-D D24 DC LIC		3.0		0	2.0	2.0	0
WMDN D24 DT LIC		40.5		962	38.5	880	38.5
WETP-TV D24 DT LIC		15.0		340	11.0	292	10.0
WYHB-CD D25 DC CP		3.0		6	0.0	0	0.0

Interference to BLANK0000064021 LIC scenario 1

Desired:	Call WXTX	Chan D24	Svc DT	Status LIC	City, State COLUMBUS, GA	File Number BLANK0000064021	Distance
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP	189.3 km
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK000001638	212.8
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK000004828	295.5
	WSRE	D24	DT	LIC	PENSACOLA, FL	BLANK0000090765	330.3
	WTLF	D24	DT	CP	TALLAHASSEE, FL	BLANK0000035775	215.7
	WPXC-TV	D24	DT	LIC	BRUNSWICK, GA	BLCDT20110426AAQ	348.0
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315	276.7
	WMDN	D24	DT	CP	MERIDIAN, MS	BLANK0000035927	358.2
	WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489	181.8
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT2020716AAH	157.8
Service area	21189.6	699,455	20902.4	Terrain-limited 695,780	IX-free, before 20477.7	IX-free, after 691,020	Percent New IX 0.01 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
WKSY-LD D24 LD APP		26.9		1,332		2.0	0
WBXA-CD D24 DC LIC		6.0		166	0.0	0.0	0
WHIQ D24 DT LIC		107.8		1,661	49.9	987	46.9
WSRE D24 DT LIC		21.1		77	13.1	67	13.1
WTLF D24 DT CP		223.6		1,885	165.5	1,337	162.5
WPXC-TV D24 DT LIC		39.3		72	14.1	0	14.1
WGTA D24 DT LIC		109.8		1,420	58.9	906	57.9
WMDN D24 DT CP		22.0		99	3.0	0	3.0
WAKA D25 DT LIC		18.1		489	17.1	489	17.1
WATL D25 DT LIC		2.0		33	0.0	0	0.0

Interference to BLANK0000064021 LIC scenario 2

Desired:	Call WXTX	Chan D24	Svc DT	Status LIC	City, State COLUMBUS, GA	File Number BLANK0000064021	Distance
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP	189.3 km
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK000001638	212.8
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK000004828	295.5
	WSRE	D24	DT	LIC	PENSACOLA, FL	BLANK0000090765	330.3

Table 2 WKSY-LD Ch. 24 TVStudy Analysis of Proposal
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WTLF	D24	DT	CP	TALLAHASSEE, FL	BLANK0000035775	215.7
WPXC-TV	D24	DT	LIC	BRUNSWICK, GA	BLCDT20110426AAQ	348.0
WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315	276.7
WMDN	D24	DT	LIC	MERIDIAN, MS	BLCDT20090304ADW	358.2
WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489	181.8
WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH	157.8
Service area						
21189.6	699,455	20902.4	695,780	20480.7	691,020	IX-free, before
					20478.7	IX-free, after
					691,020	Percent New IX
Undesired				Total IX	Unique IX, before	Unique IX, after
WKSY-LD D24 LD APP		26.9		1,332	0.0	2.0
WBXA-CD D24 DC LIC		6.0		166	0	0.0
WHIQ D24 DT LIC		107.8		1,661	50.9	987
WSRE D24 DT LIC		21.1		77	15.1	70
WTLF D24 DT CP		223.6		1,885	165.5	1,337
WPXC-TV D24 DT LIC		39.3		72	14.1	0
WGTA D24 DT LIC		109.8		1,420	58.9	906
WMDN D24 DT LIC		13.0		80	0.0	0
WAKA D25 DT LIC		18.1		489	17.1	489
WATL D25 DT LIC		2.0		33	0.0	0

Interference to BLANK0000064021 LIC scenario 3						
Desired:	Call WXTX	Chan D24	Svc DT	Status LIC	City, State COLUMBUS, GA	File Number BLANK0000064021
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP 189.3 km
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK0000001638 212.8
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828 295.5
	WSRE	D24	DT	LIC	PENSACOLA, FL	BLANK0000090765 330.3
	WPXC-TV	D24	DT	LIC	BRUNSWICK, GA	BLCDT20110426AAQ 348.0
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315 276.7
	WMDN	D24	DT	CP	MERIDIAN, MS	BLANK0000035927 358.2
	WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489 181.8
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH 157.8
Service area				Total IX	Unique IX, before	Unique IX, after
21189.6	699,455	20902.4	695,780	20643.2	692,357	20638.2
					IX-free, after	Percent New IX
					691,876	0.02 0.07
Undesired				Total IX	Unique IX, before	Unique IX, after
WKSY-LD D24 LD APP		26.9		1,332	0.0	5.0
WBXA-CD D24 DC LIC		6.0		166	0	0.0
WHIQ D24 DT LIC		107.8		1,661	58.9	1,155
WSRE D24 DT LIC		21.1		77	14.1	69
WPXC-TV D24 DT LIC		39.3		72	35.3	70
WGTA D24 DT LIC		109.8		1,420	67.9	1,063
WMDN D24 DT CP		22.0		99	4.0	0
WAKA D25 DT LIC		18.1		489	17.1	489
WATL D25 DT LIC		2.0		33	0.0	0

Interference to BLANK0000064021 LIC scenario 4						
Desired:	Call WXTX	Chan D24	Svc DT	Status LIC	City, State COLUMBUS, GA	File Number BLANK0000064021
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP 189.3 km
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK0000001638 212.8
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828 295.5
	WSRE	D24	DT	LIC	PENSACOLA, FL	BLANK0000090765 330.3
	WPXC-TV	D24	DT	LIC	BRUNSWICK, GA	BLCDT20110426AAQ 348.0
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315 276.7
	WMDN	D24	DT	LIC	MERIDIAN, MS	BLCDT20090304ADW 358.2
	WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489 181.8
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH 157.8
Service area				Total IX	Unique IX, before	Unique IX, after
21189.6	699,455	20902.4	695,780	20646.2	692,357	20641.2
					IX-free, after	Percent New IX
					691,876	0.02 0.07
Undesired				Total IX	Unique IX, before	Unique IX, after
WKSY-LD D24 LD APP		26.9		1,332	0.0	5.0

Table 2 WKSY-LD Ch. 24 TVStudy Analysis of Proposal
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WBXA-CD D24 DC LIC	6.0	166	0.0	0	0.0	0
WHIQ D24 DT LIC	107.8	1,661	59.9	1,155	53.9	422
WSRE D24 DT LIC	21.1	77	16.1	72	16.1	72
WPXC-TV D24 DT LIC	39.3	72	35.3	70	35.3	70
WGTA D24 DT LIC	109.8	1,420	67.9	1,063	66.9	1,063
WMDN D24 DT LIC	13.0	80	1.0	0	1.0	0
WAKA D25 DT LIC	18.1	489	17.1	489	17.1	489
WATL D25 DT LIC	2.0	33	0.0	0	0.0	0

Interference to BLANK0000064021 LIC scenario 5

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021	
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP	189.3 km
	WBXA-CD	D24	DC	CP	BIRMINGHAM, AL	BLANK0000035776	212.8
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK000004828	295.5
	WSRE	D24	DT	LIC	PENSACOLA, FL	BLANK0000090765	330.3
	WTLF	D24	DT	CP	TALLAHASSEE, FL	BLANK0000035775	215.7
	WPXC-TV	D24	DT	LIC	BRUNSWICK, GA	BLCDT20110426AAQ	348.0
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315	276.7
	WMDN	D24	DT	CP	MERIDIAN, MS	BLANK0000035927	358.2
	WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489	181.8
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH	157.8
Service area							
21189.6	699,455	20902.4	695,780	20477.7	691,020	20475.7	691,020
Undesired							
			Total IX		Unique IX, before		Unique IX, after
	WKSY-LD D24 LD APP	26.9	1,332		987	46.9	355
	WBXA-CD D24 DC CP	8.0	205	0.0	0	0.0	0
	WHIQ D24 DT LIC	107.8	1,661	49.9	1,337	162.5	856
	WSRE D24 DT LIC	21.1	77	13.1	67	13.1	67
	WTLF D24 DT CP	223.6	1,885	165.5	0	14.1	0
	WPXC-TV D24 DT LIC	39.3	72	14.1	906	57.9	906
	WGTA D24 DT LIC	109.8	1,420	58.9	489	17.1	489
	WMDN D24 DT CP	22.0	99	3.0	0	3.0	0
	WAKA D25 DT LIC	18.1	489	17.1	0	0.0	0
	WATL D25 DT LIC	2.0	33	0.0	0	0.0	0

Interference to BLANK0000064021 LIC scenario 6

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021	
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP	189.3 km
	WBXA-CD	D24	DC	CP	BIRMINGHAM, AL	BLANK0000035776	212.8
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK000004828	295.5
	WSRE	D24	DT	LIC	PENSACOLA, FL	BLANK0000090765	330.3
	WTLF	D24	DT	CP	TALLAHASSEE, FL	BLANK0000035775	215.7
	WPXC-TV	D24	DT	LIC	BRUNSWICK, GA	BLCDT20110426AAQ	348.0
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315	276.7
	WMDN	D24	DT	LIC	MERIDIAN, MS	BLCDT20090304ADW	358.2
	WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489	181.8
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH	157.8
Service area							
21189.6	699,455	20902.4	695,780	20480.7	691,020	20478.7	691,020
Undesired			Total IX		Unique IX, before		Unique IX, after
	WKSY-LD D24 LD APP	26.9	1,332		987	47.9	355
	WBXA-CD D24 DC CP	8.0	205	0.0	0	0.0	0
	WHIQ D24 DT LIC	107.8	1,661	50.9	1,337	162.5	856
	WSRE D24 DT LIC	21.1	77	15.1	67	15.1	67
	WTLF D24 DT CP	223.6	1,885	165.5	0	14.1	0
	WPXC-TV D24 DT LIC	39.3	72	14.1	906	57.9	906
	WGTA D24 DT LIC	109.8	1,420	58.9	489	17.1	489
	WMDN D24 DT CP	22.0	99	3.0	0	3.0	0
	WAKA D25 DT LIC	18.1	489	17.1	0	0.0	0
	WATL D25 DT LIC	2.0	33	0.0	0	0.0	0

Table 2 WKSY-LD Ch. 24 TVStudy Analysis of Proposal
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Interference to BLANK0000064021 LIC scenario 7

Desired:	Call WXTX	Chan D24	Svc DT	Status LIC	City, State COLUMBUS, GA	File Number BLANK0000064021	Distance
Undesireds:	WKSY-LD	D24	LD	APP	SUMMERTON/TRION, GA	WKSY-LD 24 1042422 TLP	189.3 km
	WBXA-CD	D24	DC	CP	BIRMINGHAM, AL	BLANK0000035776	212.8
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828	295.5
	WSRE	D24	DT	LIC	PENSACOLA, FL	BLANK0000090765	330.3
	WPXC-TV	D24	DT	LIC	BRUNSWICK, GA	BLCDT20110426AAQ	348.0
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315	276.7
	WMDN	D24	DT	CP	MERIDIAN, MS	BLANK0000035927	358.2
	WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489	181.8
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH	157.8
Service area	21189.6	699,455	20902.4	695,780	20643.2	692,357	IX-free, after 20638.2 691,876
							Percent New IX 0.02 0.07
Undesired				Total IX	Unique IX, before	Unique IX, after	
WKSY-LD D24 LD APP		26.9		1,332		5.0	481
WBXA-CD D24 DC CP		8.0		205	0.0	0.0	0
WHIQ D24 DT LIC		107.8		1,661	58.9	1,155	52.9
WSRE D24 DT LIC		21.1		77	14.1	69	14.1
WPXC-TV D24 DT LIC		39.3		72	35.3	70	35.3
WGTA D24 DT LIC		109.8		1,420	67.9	1,063	66.9
WMDN D24 DT CP		22.0		99	4.0	0	4.0
WAKA D25 DT LIC		18.1		489	17.1	489	17.1
WATL D25 DT LIC		2.0		33	0.0	0	0.0

Interference to BLANK0000064021 LIC scenario 8

Desired:	Call WXTX	Chan D24	Svc DT	Status LIC	City, State COLUMBUS, GA	File Number BLANK0000064021	Distance
Undesireds:	WKSY-LD	D24	LD	APP	SUMMERTON/TRION, GA	WKSY-LD 24 1042422 TLP	189.3 km
	WBXA-CD	D24	DC	CP	BIRMINGHAM, AL	BLANK0000035776	212.8
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828	295.5
	WSRE	D24	DT	LIC	PENSACOLA, FL	BLANK0000090765	330.3
	WPXC-TV	D24	DT	LIC	BRUNSWICK, GA	BLCDT20110426AAQ	348.0
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK000001315	276.7
	WMDN	D24	DT	LIC	MERIDIAN, MS	BLCDT20090304ADW	358.2
	WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489	181.8
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH	157.8
Service area	21189.6	699,455	20902.4	695,780	20646.2	692,357	IX-free, after 20641.2 691,876
							Percent New IX 0.02 0.07
Undesired				Total IX	Unique IX, before	Unique IX, after	
WKSY-LD D24 LD APP		26.9		1,332		5.0	481
WBXA-CD D24 DC CP		8.0		205	0.0	0.0	0
WHIQ D24 DT LIC		107.8		1,661	59.9	1,155	53.9
WSRE D24 DT LIC		21.1		77	16.1	72	16.1
WPXC-TV D24 DT LIC		39.3		72	35.3	70	35.3
WGTA D24 DT LIC		109.8		1,420	67.9	1,063	66.9
WMDN D24 DT LIC		13.0		80	1.0	0	1.0
WAKA D25 DT LIC		18.1		489	17.1	489	17.1
WATL D25 DT LIC		2.0		33	0.0	0	0.0

Interference to BLANK000001315 LIC scenario 1

Desired:	Call WGTA	Chan D24	Svc DT	Status LIC	City, State TOCCOA, GA	File Number BLANK000001315	Distance
Undesireds:	WKSY-LD	D24	LD	APP	SUMMERTON/TRION, GA	WKSY-LD 24 1042422 TLP	160.8 km
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK000001638	340.3
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828	289.1
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021	276.7
	WCNC-TV	D24	DT	LIC	CHARLOTTE, NC	BLANK0000147158	216.5
	WETP-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200	197.6
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH	126.0

Table 2 WKSY-LD Ch. 24 TVStudy Analysis of Proposal
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Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
16677.9	1,060,190	15927.4	1,033,305	15872.3	1,026,688	15865.3	1,026,411
Undesired	Total IX		Unique IX, before		Unique IX, after		
WKSY-LD D24 LD APP	14.1	1,471	7.1	277			
WFLI-TV D23 DT LIC	5.0	786	2.0	115	1.0	0	
WBXA-CD D24 DT LIC	3.0	268	0.0	0	0.0	0	
WHIQ D24 DT LIC	14.0	981	10.0	697	10.0	697	
WETP-TV D24 DT LIC	11.9	709	10.9	709	10.9	709	
WATL D25 DT LIC	28.2	4,828	25.2	4,141	23.2	3,965	

Interference to BLANK0000185266 LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDDA-LD	D24	LD	LIC	CHATTANOOGA, TN	BLANK0000185266	
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP	111.1 km
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	3.8
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK0000001638	227.4
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828	117.3
	W24FC-D	D24	LD	CP	AUGUSTA, GA	BLANK0000194233	338.6
	WETP-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200	238.9
	W25FP-D	D25	LD	LIC	YOUNG HARRIS, GA	BLANK0000136498	141.6
	WYHB-CD	D25	DC	LIC	CHATTANOOGA, TN	BLANK0000102891	10.3
Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
4826.7	694,051	4335.9	641,374	3905.8	599,412	3875.7	590,431
Undesired	Total IX		Unique IX, before		Unique IX, after		
WKSY-LD D24 LD APP	36.1	9,120	30.1	8,981			
WFLI-TV D23 DT LIC	322.4	32,234	274.6	30,050	271.5	30,001	
WHIQ D24 DT LIC	133.6	9,135	87.8	6,370	86.8	6,331	
WETP-TV D24 DT LIC	15.0	1,057	3.0	138	3.0	138	
WYHB-CD D25 DC LIC	33.9	4,250	7.0	1,936	7.0	1,936	

Interference to BLANK0000185266 LIC scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WDDA-LD	D24	LD	LIC	CHATTANOOGA, TN	BLANK0000185266	
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP	111.1 km
	WFLI-TV	D23	DT	LIC	CLEVELAND, TN	BLANK0000093785	3.8
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK0000001638	227.4
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828	117.3
	W24FC-D	D24	LD	CP	AUGUSTA, GA	BLANK0000194233	338.6
	WETP-TV	D24	DT	LIC	SNEEDVILLE, TN	BLANK0000120200	238.9
	W25FP-D	D25	LD	LIC	YOUNG HARRIS, GA	BLANK0000136498	141.6
	WYHB-CD	D25	DC	CP	CHATTANOOGA, TN	BLANK0000127542	10.3
Service area	Terrain-limited		IX-free, before		IX-free, after		Percent New IX
4826.7	694,051	4335.9	641,374	3901.8	598,335	3873.7	590,157
Undesired	Total IX		Unique IX, before		Unique IX, after		
WKSY-LD D24 LD APP	36.1	9,120	28.1	8,178			
WFLI-TV D23 DT LIC	322.4	32,234	268.6	29,431	265.6	29,382	
WHIQ D24 DT LIC	133.6	9,135	86.8	6,297	85.8	6,258	
WETP-TV D24 DT LIC	15.0	1,057	3.0	138	3.0	138	
WYHB-CD D25 DC CP	48.9	6,037	11.0	3,013	9.0	2,210	

Interference to BLCDT20020716AAH LIC scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH	
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP	75.3 km
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315	126.0
	WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489	292.7
	WJZY	D25	DT	LIC	BELMONT, NC	BLANK0000146872	338.8
	WYHB-CD	D25	DC	LIC	CHATTANOOGA, TN	BLANK0000102891	178.1

Table 2 WKSY-LD Ch. 24 TVStudy Analysis of Proposal
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WJFB	D25	DT	LIC	LEBANON, TN	BLANK0000147261	353.2
WGXA	D26	DT	LIC	MACON, GA	BLANK0000074961	138.1
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
28967.6	5,878,565	27895.8	5,810,204	27350.3	5,786,258	27171.0
Undesired		Total IX		Unique IX, before	Unique IX, after	
WKSY-LD D24 LD APP	205.3	24,079		179.3	21,646	
WGTA D24 DT LIC	53.4	2,896	29.2	29.2	1,035	1,035
WAKA D25 DT LIC	182.7	6,773	167.8	160.8	4,714	4,671
WJZY D25 DT LIC	75.9	3,998	51.7	51.7	2,137	2,137
WYHB-CD D25 DC LIC	197.8	11,758	161.8	153.8	7,854	7,343
WJFB D25 DT LIC	40.0	4,509	4.0	3.0	202	202
WGXA D26 DT LIC	67.8	1,836	64.8	64.8	1,836	1,836
<hr/>						
Interference to BLCDT20020716AAH LIC scenario 2						
Desired:	Call	Chan	Svc	Status	City, State	File Number
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH
Undesireds:	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315
	WAKA	D25	DT	LIC	SELMA, AL	BLANK0000081489
	WJZY	D25	DT	LIC	BELMONT, NC	BLANK0000146872
	WYHB-CD	D25	DC	CP	CHATTANOOGA, TN	BLANK0000127542
	WJFB	D25	DT	LIC	LEBANON, TN	BLANK0000147261
	WGXA	D26	DT	LIC	MACON, GA	BLANK0000074961
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
28967.6	5,878,565	27895.8	5,810,204	27333.3	5,785,048	27155.0
Undesired		Total IX		Unique IX, before	Unique IX, after	
WKSY-LD D24 LD APP	205.3	24,079		178.3	21,646	
WGTA D24 DT LIC	53.4	2,896	29.2	29.2	1,035	1,035
WAKA D25 DT LIC	182.7	6,773	165.8	158.8	4,690	4,647
WJZY D25 DT LIC	75.9	3,998	50.7	50.7	2,137	2,137
WYHB-CD D25 DC CP	220.8	12,992	178.8	169.8	9,064	8,553
WJFB D25 DT LIC	40.0	4,509	4.0	3.0	202	202
WGXA D26 DT LIC	67.8	1,836	64.8	64.8	1,836	1,836
<hr/>						
Interference to proposal scenario 1						
16.25% interference received						
Desired:	Call	Chan	Svc	Status	City, State	File Number
	WKSY-LD	D24	LD	APP	SUMMerville/TRION, GA	WKSY-LD 24 1042422 TLP
Undesireds:	W23EV-D	D23	LD	LIC	CARROLLTON, GA	BLANK0000125385
	WBXA-CD	D24	DC	LIC	BIRMINGHAM, AL	BLANK0000001638
	WHIQ	D24	DT	LIC	HUNTSVILLE, AL	BLANK0000004828
	W24FC-D	D24	LD	CP	AUGUSTA, GA	BLANK0000194233
	WXTX	D24	DT	LIC	COLUMBUS, GA	BLANK0000064021
	WVND-LD	D24	LD	LIC	SUWANEE, GA	BLANK0000179560
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315
	WDDA-LD	D24	LD	LIC	CHATTANOOGA, TN	BLANK0000185266
	WATL	D25	DT	LIC	ATLANTA, GA	BLCDT20020716AAH
	W25FP-D	D25	LD	LIC	YOUNG HARRIS, GA	BLANK0000136498
	WYHB-CD	D25	DC	LIC	CHATTANOOGA, TN	BLANK0000102891
Service area		Terrain-limited		IX-free		Percent IX
7483.3	918,994	6867.8	868,225	6400.9	727,170	6.80
Undesired		Total IX		Unique IX	Prcnt Unique IX	
W23EV-D D23 LD LIC	2.0	153	1.0	150	0.01	0.02
WHIQ D24 DT LIC	319.3	110,124	174.8	51,589	2.54	5.94
WXTX D24 DT LIC	8.0	264	3.0	28	0.04	0.00
WVND-LD D24 LD LIC	5.9	3,025	0.0	0	0.00	0.00
WGTA D24 DT LIC	44.6	8,680	13.9	951	0.20	0.11
WDDA-LD D24 LD LIC	78.3	7,057	57.4	3,712	0.84	0.43
WATL D25 DT LIC	189.9	81,685	65.3	24,755	0.95	2.85

Channel and Facility Information

Section	Question	Response
Facility ID	49237	
State	Georgia	
City	SUMMERTON/TRION	
LPD Channel	24	

Primary station proposed to be rebroadcast:

Facility Id	Call Sign	City	State

Section	Question	Response
Antenna Location Data	Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?
		Yes
Coordinates (NAD83)	ASR Number	1042422
	Latitude	34° 09' 34.3" N+
	Longitude	085° 02' 12.8" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	198.1 meters
	Support Structure Height	197.0 meters
Antenna Data	Ground Elevation (AMSL)	327.0 meters
	Height of Radiation Center Above Ground Level	121.9 meters
	Height of Radiation Center Above Mean Sea Level	448.9 meters
	Effective Radiated Power	15 kW

Antenna Technical Data	Section	Question	Response
	Antenna Type	Antenna Type	Directional Custom
		Do you have an Antenna ID?	No
		Antenna ID	
	Antenna Manufacturer and Model	Manufacturer:	Dielectric
		Model	TLP-8H/VP
		Rotation	180 degrees
		Electrical Beam Tilt	1.0
		Mechanical Beam Tilt	Not Applicable
		toward azimuth	
		Polarization	Elliptical
	Elevation Radiation Pattern	Does the proposed antenna propose elevation radiation patterns that vary with azimuth for reasons other than the use of mechanical beam tilt?	No
		Uploaded file for elevation antenna (or radiation) pattern data	
		Out-of-Channel Emission Mask:	Full Service

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	Value	Degree	Value	Degree	Value	Degree	Value
0	1	90	0.911	180	0.521	270	0.918
10	0.977	100	0.880	190	0.511	280	0.885
20	0.917	110	0.788	200	0.477	290	0.834
30	0.842	120	0.673	210	0.446	300	0.793
40	0.776	130	0.560	220	0.468	310	0.777
50	0.768	140	0.467	230	0.560	320	0.816
60	0.779	150	0.430	240	0.688	330	0.885
70	0.828	160	0.452	250	0.810	340	0.949
80	0.885	170	0.495	260	0.891	350	0.984

Additional Azimuths

Degree	V _A
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