

ENGINEERING EXHIBIT

Incentive Auction Channel Reassignment

Amendment to Application for Modification of Digital Television Station Construction Permit

prepared for

Hearst Properties Inc.
WXII-TV Winston-Salem, NC
Facility ID 53921
Ch. 16 1000 kW 572 m

Hearst Properties Inc. (“*Hearst*”) is the licensee of digital television station WXII-TV, Channel 31, Facility ID 53921, Winston-Salem, NC. Reassignment of WXII-TV from Channel 31 to Channel 16 was specified in the *Incentive Auction Closing and Channel Reassignment Public Notice* (“*CCRPN*”, DA 17-317, released April 13, 2017). A Construction Permit (“CP”, file# 0000024623) authorizes WXII-TV’s post-auction operation as nondirectional with an effective radiated power (“ERP”) of 640 kW at 572 meters antenna height above average terrain. During the second filing window¹, *Hearst* submitted a minor change application (LMS file# 0000034697) to increase the ERP to 975 kW. *Hearst* herein amends the WXII-TV application 0000034697 to specify a directional antenna at 1000 kW ERP.

As with the current authorization, the proposed Channel 16 operation will employ a new antenna to be side-mounted on the WXII-TV tower in lieu of the existing Channel 31 antenna. The existing tower structure corresponds to FCC Antenna Structure Registration number 1008241.

The proposed antenna is a horizontally polarized Dielectric model TFU-30DSC-R C135. The directional antenna’s azimuthal pattern is supplied in Figure 1 and the elevation pattern is depicted in Figure 2.

¹Public Notice “Incentive Auction Task Force and Media Bureau Announce the Opening of the Second Filing Window for Eligible Full Power and Class A Television Station—October 3 Through November 2, 2017” DA 17-911, released September 20, 2017.

Figure 3 supplies a map that demonstrates compliance with §73.625(a)(1) regarding coverage of the entire principal community². The proposed facility's predicted population exceeds 95 percent of the CCRPN baseline facility's population.

Interference study per FCC OET Bulletin 69³ shows that the proposal complies with the 0.5 percent limit of new interference caused to pertinent nearby post-auction full service and Class A television stations and reassessments as required by §73.616. The interference study output report is provided as Table 1.

The proposed 1000 kW ERP exceeds the maximum allowed for the proposed antenna HAAT of 572 meters permitted by §73.622(f)(8)(i). Section 73.622(f)(5) permits the maximum ERP to be exceeded in order to provide the same geographic coverage area as the largest station within the same market. The total area within the proposed WXII-TV NLSC is 41,875 square kilometers, which does not exceed the NLSC area of WFMY-TV (42,268 sq. km, repack Ch. 35, Greensboro NC, CP file# 0000028086). Thus, the 1000 kW ERP specified herein is in compliance with §73.622(f)(5) of the FCC's Rules.

The nearest FCC monitoring station is 440 km distant at Laurel, MD. This exceeds by a large margin the threshold minimum distance specified in §73.1030(c)(3) that would suggest consideration of the monitoring station. The site is not located within the areas requiring coordination with "quiet" zones specified in §73.1030(a) and (b). There are no authorized AM stations within 3 kilometers of the site. The site location is beyond the border areas requiring international coordination.

²WXII-TV is a channel sharing host facility for WCWG, Facility ID 35385, Lexington NC. Figure 3 also shows that the proposed facility complies with §73.625(a)(1) regarding WCWG's principal community.

³FCC 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, 2 km cell size, and 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.

Human Exposure to Radiofrequency Electromagnetic Field (Environmental)

The proposed operation 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 considering 10 percent antenna relative field in downward elevations (pattern data shows less than 10 percent relative field at angles 10 to 90 degrees below the antenna), the calculated signal density near the tower at two meters above ground level attributable to the proposed facility is $13.4 \mu\text{W}/\text{cm}^2$, which is 4.1 percent of the general population/uncontrolled maximum permitted exposure limit. This is 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 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

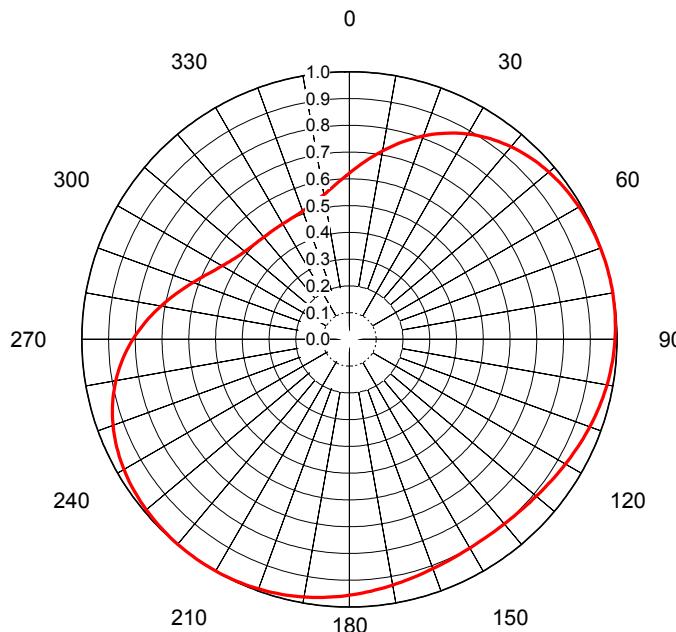
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|-----------|---|
| Figure 1 | Antenna Azimuthal Pattern |
| Figure 2 | Antenna Elevation Pattern |
| Figure 3 | Proposed Coverage Contours |
| Figure 4 | Maximum ERP per §73.622(f) |
| Table 1 | OET Bulletin 69 Interference Study |
| Form 2100 | Saved Version of Engineering Sections from FCC Form at Time of Upload |

Chesapeake RF Consultants, LLC

Joseph M. Davis, P.E.
207 Old Dominion Road

March 26, 2018
Yorktown, VA 23692

703-650-9600



AZIMUTH PATTERN Horizontal Polarization

Proposal No. C-70124-4
 Date 9-Mar-18
 Call Letters WXII 16
 Frequency 485 MHz
 Antenna Type TFU-30DSC-R C135

 Gain 1.35 (1.31dB)
 Calculated

 Directional Drawing # C135

Deg	Value																		
0	0.622	36	0.921	72	0.999	108	0.961	144	0.899	180	0.956	216	1.000	252	0.931	288	0.639	324	0.497
1	0.630	37	0.926	73	1.000	109	0.958	145	0.899	181	0.958	217	1.000	253	0.926	289	0.630	325	0.497
2	0.639	38	0.931	74	1.000	110	0.956	146	0.899	182	0.961	218	0.999	254	0.921	290	0.622	326	0.497
3	0.648	39	0.936	75	1.000	111	0.954	147	0.899	183	0.963	219	0.999	255	0.916	291	0.613	327	0.497
4	0.658	40	0.940	76	1.000	112	0.951	148	0.899	184	0.965	220	0.999	256	0.910	292	0.605	328	0.498
5	0.667	41	0.944	77	1.000	113	0.949	149	0.900	185	0.967	221	0.998	257	0.905	293	0.597	329	0.498
6	0.677	42	0.948	78	1.000	114	0.947	150	0.900	186	0.970	222	0.998	258	0.899	294	0.589	330	0.498
7	0.686	43	0.952	79	1.000	115	0.944	151	0.901	187	0.972	223	0.997	259	0.892	295	0.581	331	0.499
8	0.696	44	0.955	80	0.999	116	0.942	152	0.902	188	0.974	224	0.996	260	0.886	296	0.574	332	0.500
9	0.706	45	0.959	81	0.999	117	0.939	153	0.903	189	0.976	225	0.996	261	0.879	297	0.567	333	0.500
10	0.716	46	0.962	82	0.999	118	0.937	154	0.904	190	0.978	226	0.995	262	0.872	298	0.561	334	0.501
11	0.725	47	0.965	83	0.998	119	0.935	155	0.905	191	0.979	227	0.994	263	0.865	299	0.555	335	0.502
12	0.735	48	0.968	84	0.998	120	0.932	156	0.906	192	0.981	228	0.993	264	0.858	300	0.549	336	0.503
13	0.745	49	0.970	85	0.997	121	0.930	157	0.907	193	0.983	229	0.992	265	0.850	301	0.544	337	0.505
14	0.754	50	0.973	86	0.996	122	0.928	158	0.909	194	0.985	230	0.991	266	0.842	302	0.539	338	0.507
15	0.764	51	0.975	87	0.995	123	0.925	159	0.910	195	0.986	231	0.989	267	0.834	303	0.534	339	0.508
16	0.773	52	0.977	88	0.995	124	0.923	160	0.912	196	0.988	232	0.988	268	0.826	304	0.530	340	0.511
17	0.782	53	0.980	89	0.994	125	0.921	161	0.914	197	0.989	233	0.987	269	0.818	305	0.526	341	0.513
18	0.791	54	0.981	90	0.993	126	0.919	162	0.915	198	0.990	234	0.985	270	0.809	306	0.522	342	0.516
19	0.800	55	0.983	91	0.991	127	0.917	163	0.917	199	0.991	235	0.983	271	0.800	307	0.519	343	0.519
20	0.809	56	0.985	92	0.990	128	0.915	164	0.919	200	0.993	236	0.981	272	0.791	308	0.516	344	0.522
21	0.818	57	0.987	93	0.989	129	0.914	165	0.921	201	0.994	237	0.980	273	0.782	309	0.513	345	0.526
22	0.826	58	0.988	94	0.988	130	0.912	166	0.923	202	0.995	238	0.977	274	0.773	310	0.511	346	0.530
23	0.834	59	0.989	95	0.986	131	0.910	167	0.925	203	0.995	239	0.975	275	0.764	311	0.508	347	0.534
24	0.842	60	0.991	96	0.985	132	0.909	168	0.928	204	0.996	240	0.973	276	0.754	312	0.507	348	0.539
25	0.850	61	0.992	97	0.983	133	0.907	169	0.930	205	0.997	241	0.970	277	0.745	313	0.505	349	0.544
26	0.858	62	0.993	98	0.981	134	0.906	170	0.932	206	0.998	242	0.968	278	0.735	314	0.503	350	0.549
27	0.865	63	0.994	99	0.979	135	0.905	171	0.935	207	0.998	243	0.965	279	0.725	315	0.502	351	0.555
28	0.872	64	0.995	100	0.978	136	0.904	172	0.937	208	0.999	244	0.962	280	0.716	316	0.501	352	0.561
29	0.879	65	0.996	101	0.976	137	0.903	173	0.939	209	0.999	245	0.959	281	0.706	317	0.500	353	0.567
30	0.886	66	0.996	102	0.974	138	0.902	174	0.942	210	0.999	246	0.955	282	0.696	318	0.500	354	0.574
31	0.892	67	0.997	103	0.972	139	0.901	175	0.944	211	1.000	247	0.952	283	0.686	319	0.499	355	0.581
32	0.899	68	0.998	104	0.970	140	0.900	176	0.947	212	1.000	248	0.948	284	0.677	320	0.498	356	0.589
33	0.905	69	0.998	105	0.967	141	0.900	177	0.949	213	1.000	249	0.944	285	0.667	321	0.498	357	0.597
34	0.910	70	0.999	106	0.965	142	0.899	178	0.951	214	1.000	250	0.940	286	0.658	322	0.498	358	0.605
35	0.916	71	0.999	107	0.963	143	0.899	179	0.954	215	1.000	251	0.936	287	0.648	323	0.497	359	0.613

Figure 1
Antenna Azimuthal Pattern
WXII-TV Winston-Salem, NC
Facility ID 53921
Ch. 16 1000 kW 572 m

prepared for
Hearst Properties Inc.

March, 2018



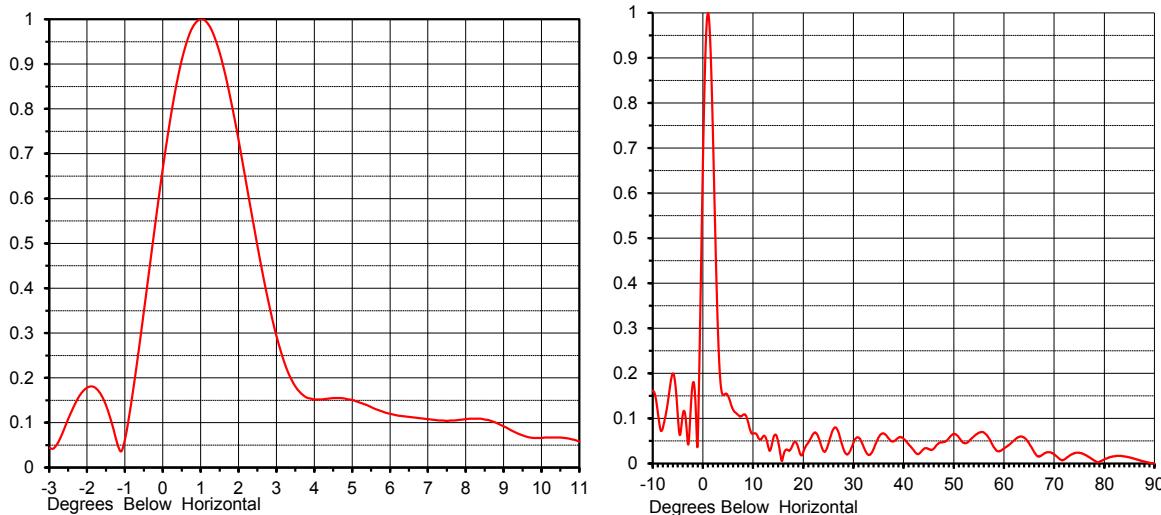
ELEVATION PATTERN

Proposal No. C-70124-4
 Date 9-Mar-18
 Call Letters WXII 16
 Frequency 485 MHz
 Antenna Type TFU-30DSC-R C135

RMS Directivity at Main Lobe
 RMS Directivity at Horizontal

25.50 (14.07 dB)
11.30 (10.53 dB)
 Calculated

Beam Tilt 1.00 deg
 Drawing Number 30Q255100



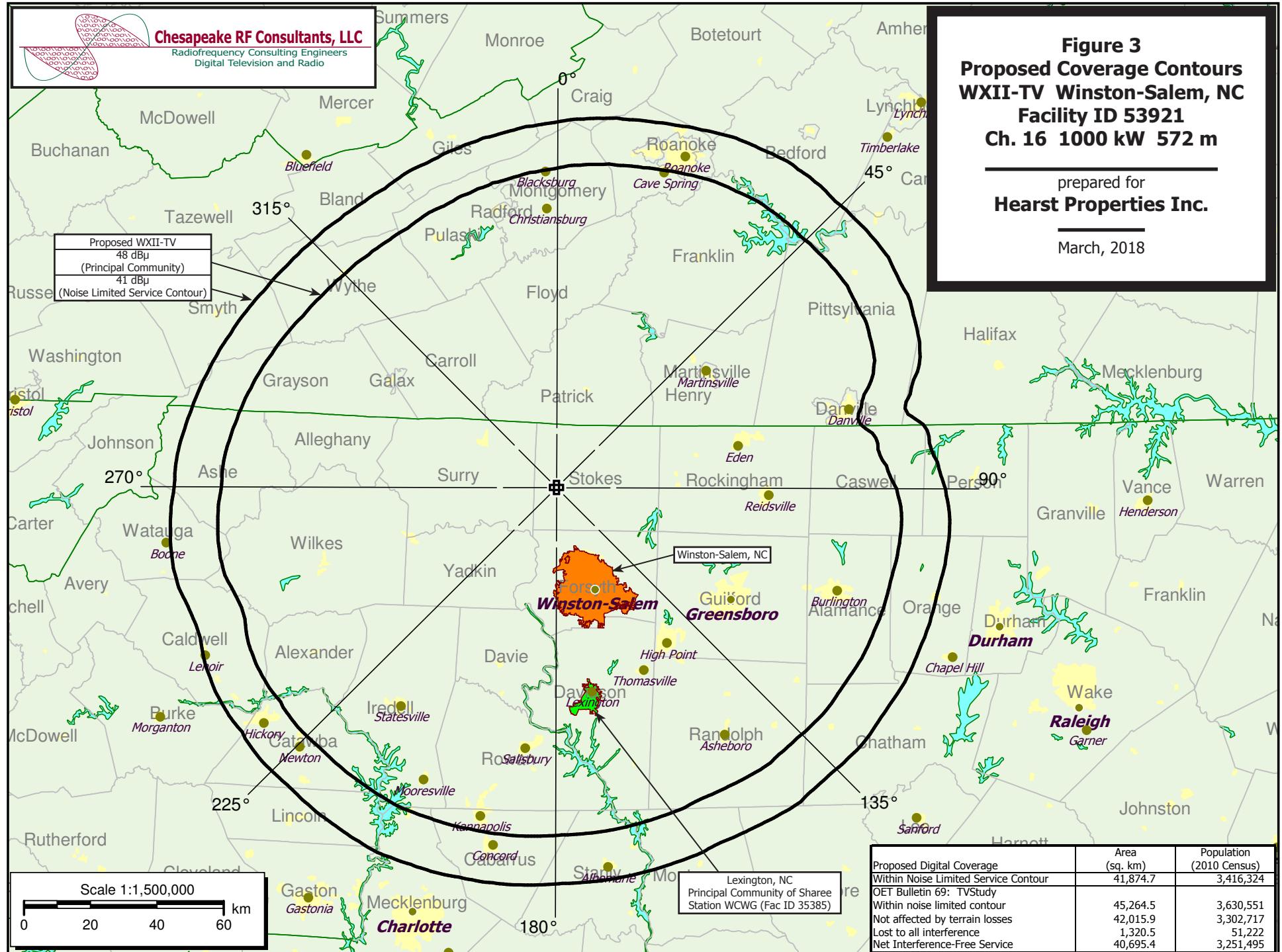
Angle	Field								
-10.0	0.161	10.0	0.066	30.0	0.046	50.0	0.065	70.0	0.020
-9.0	0.115	11.0	0.058	31.0	0.058	51.0	0.058	71.0	0.011
-8.0	0.078	12.0	0.060	32.0	0.038	52.0	0.046	72.0	0.009
-7.0	0.135	13.0	0.038	33.0	0.019	53.0	0.049	73.0	0.017
-6.0	0.200	14.0	0.055	34.0	0.032	54.0	0.060	74.0	0.023
-5.0	0.106	15.0	0.048	35.0	0.058	55.0	0.068	75.0	0.024
-4.0	0.109	16.0	0.016	36.0	0.067	56.0	0.069	76.0	0.020
-3.0	0.044	17.0	0.029	37.0	0.056	57.0	0.056	77.0	0.014
-2.0	0.178	18.0	0.044	38.0	0.049	58.0	0.036	78.0	0.007
-1.0	0.062	19.0	0.035	39.0	0.057	59.0	0.027	79.0	0.004
0.0	0.667	20.0	0.025	40.0	0.055	60.0	0.033	80.0	0.009
1.0	1.000	21.0	0.046	41.0	0.043	61.0	0.041	81.0	0.014
2.0	0.731	22.0	0.066	42.0	0.030	62.0	0.051	82.0	0.016
3.0	0.294	23.0	0.059	43.0	0.021	63.0	0.059	83.0	0.017
4.0	0.152	24.0	0.028	44.0	0.032	64.0	0.058	84.0	0.016
5.0	0.151	25.0	0.043	45.0	0.032	65.0	0.045	85.0	0.014
6.0	0.120	26.0	0.076	46.0	0.033	66.0	0.026	86.0	0.011
7.0	0.108	27.0	0.070	47.0	0.045	67.0	0.015	87.0	0.007
8.0	0.108	28.0	0.033	48.0	0.048	68.0	0.022	88.0	0.004
9.0	0.092	29.0	0.022	49.0	0.056	69.0	0.025	89.0	0.002
									90.0 0.000

Figure 2
Antenna Elevation Pattern
WXII-TV Winston-Salem, NC
Facility ID 53921
Ch. 16 1000 kW 572 m

prepared for
Hearst Properties Inc.

March, 2018





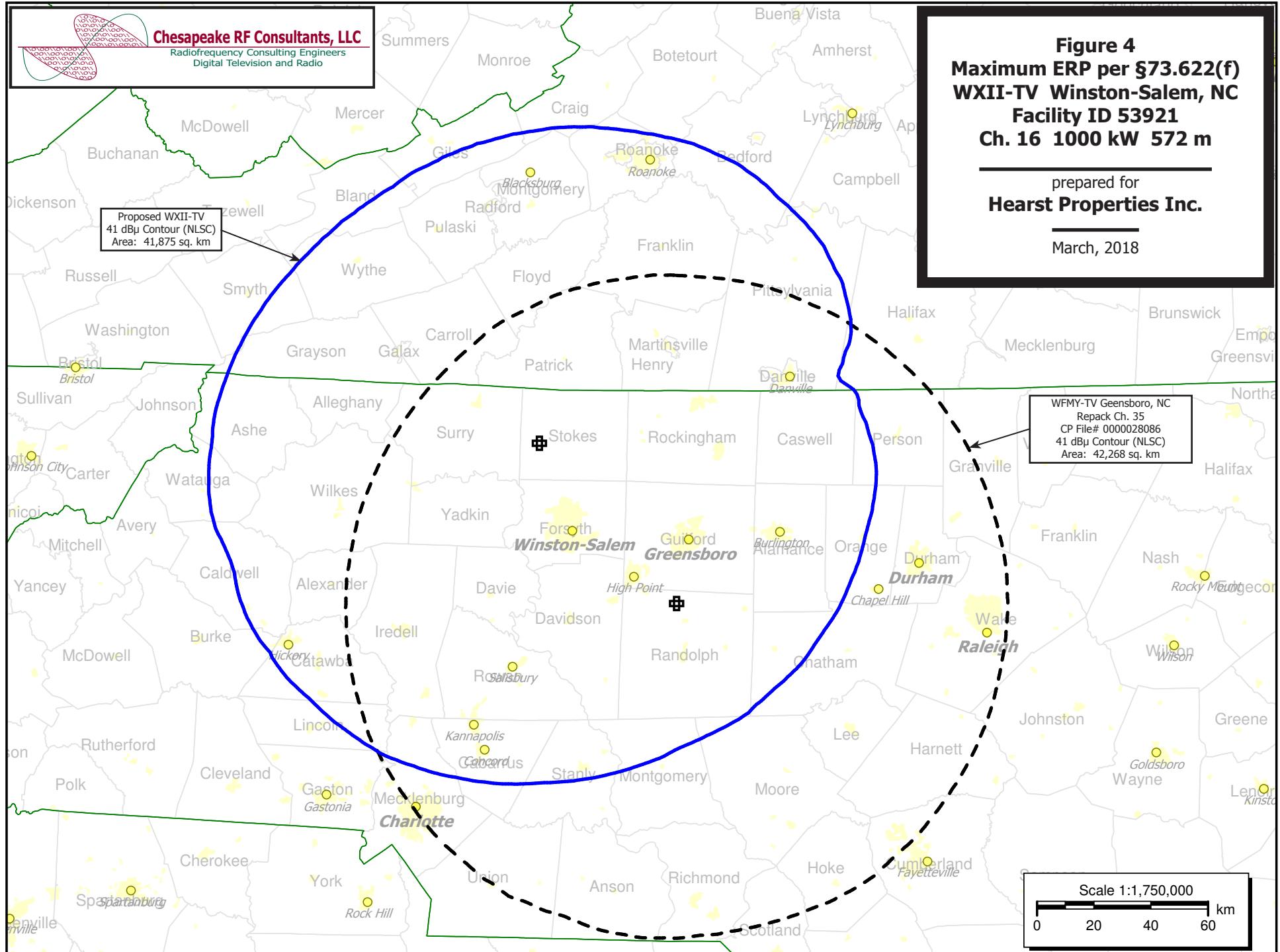


Table 1 WXII-TV OET Bulletin 69 Interference Study
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tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WXII-TV 1000kW C135, Model: Longley-Rice
Start: 2018.03.26 07:56:03

Study created: 2018.03.26 07:56:03

Study build station data: LMS TV 2018-03-25

Proposal: WXII-TV D16 DT APP WINSTON-SALEM, NC
File number: WXII-TV 1000kW C135
Facility ID: 53921
Station data: User record
Record ID: 1912
Country: U.S.
Zone: II

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	W21CK-D	D15	DC	CP	CHARLOTTE, NC	BLANK0000027832	138.4 km
Yes	W21CK-D	D15	DC	APP	CHARLOTTE, NC	BLANK0000034509	138.4
Yes	WRAZ	D15	DT	CP	RALEIGH, NC	BLANK0000034036	183.3
No	WLTX	D15	DT	CP	COLUMBIA, SC	BLANK0000028035	255.7
No	WAGT-CD	D16	DC	LIC	AUGUSTA, GA	BLANK000001455	356.2
No	WAGT-CD	D16	DC	CP	AUGUSTA, GA	BLANK0000035762	355.7
No	WPXA-TV	D16	DT	CP	ROME, GA	BLANK0000034338	450.2
No	WCPB	D16	DT	CP	SALISBURY, MD	BLANK0000029877	477.7
No	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976	335.7
No	WOSU-TV	D16	DT	CP	COLUMBUS, OH	BLANK0000033620	475.7
No	WINP-TV	D16	DT	CP	PITTSBURGH, PA	BLANK0000034405	453.9
Yes	WJPM-TV	D16	DT	CP	FLORENCE, SC	BLANK0000025028	239.8
Yes	WAPK-CD	D16	DC	CP	BRISTOL VA/KINGSPORT, TN	BLANK0000034342	157.9
Yes	WTKR	D16	DT	CP	NORFOLK, VA	BLANK0000034472	348.7
Yes	WRAL-TV	D17	DT	CP	RALEIGH, NC	BLANK0000034032	183.3
No	WHNS	D17	DT	CP	GREENVILLE, SC	BLANK0000024830	246.8
Yes	WVVA	D17	DT	CP	BLUEFIELD, WV	BLANK0000027470	121.4

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D16
Latitude: 36 22 31.00 N (NAD83)
Longitude: 80 22 25.00 W
Height AMSL: 891.5 m
HAAT: 571.9 m
Peak ERP: 1000 kW
Antenna: DIE TFU-30DSC C135 20180309 0.0 deg
Elev Pattrn: Generic
Elec Tilt: 1.00

38.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	387 kW	561.5 m	114.0 km
45.0	915	603.5	124.7
90.0	986	533.7	121.1
135.0	821	602.0	123.5
180.0	914	582.2	123.4
225.0	990	596.4	125.1
270.0	654	564.3	119.0
315.0	255	531.9	108.3

ERP exceeds maximum

ERP: 1000 kW ERP maximum: 363 kW

Distance to Canadian border: 614.6 km

Distance to Mexican border: 1948.0 km

Table 1 WXII-TV OET Bulletin 69 Interference Study
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Conditions at FCC monitoring station: Laurel MD
Bearing: 44.1 degrees Distance: 439.9 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 288.5 degrees Distance: 2201.3 km

No land mobile station failures found

Study cell size: 2.00 km
Profile point spacing: 1.00 km

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

Interference to BLANK0000034509 APP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W21CK-D	D15	DC	APP	CHARLOTTE, NC	BLANK0000034509	
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921	138.4 km
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135	138.4
	WHKY-TV	D14	DD	CP	HICKORY, NC	BLANK0000024614	72.2
	WRAZ	D15	DT	CP	RALEIGH, NC	BLANK0000034036	219.2
	WLTX	D15	DT	CP	COLUMBIA, SC	BLANK0000028035	122.9
Service area		Terrain-limited			IX-free, before	IX-free, after	Percent New IX
5258.3	1,730,839	5222.3	1,728,486	4884.3	1,681,539	4884.3	1,681,539
Undesired		Total IX			Unique IX, before	Unique IX, after	
WXII-TV D16 DT BL		0.0		0	0.0	0	
WXII-TV D16 DT APP		4.0		22		0.0	0
WHKY-TV D14 DD CP		28.3		5,201	20.2	20.2	4,543
WRAZ D15 DT CP		111.6		7,855	71.7	71.7	4,137
WLTX D15 DT CP		238.0		37,609	206.2	202.1	34,527

Interference to BLANK0000034509 APP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	W21CK-D	D15	DC	APP	CHARLOTTE, NC	BLANK0000034509	
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921	138.4 km
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135	138.4
	WHKY-TV	D14	DD	APP	HICKORY, NC	BLANK0000034548	41.6
	WRAZ	D15	DT	CP	RALEIGH, NC	BLANK0000034036	219.2
	WLTX	D15	DT	CP	COLUMBIA, SC	BLANK0000028035	122.9
Service area		Terrain-limited			IX-free, before	IX-free, after	Percent New IX
5258.3	1,730,839	5222.3	1,728,486	4633.9	1,635,969	4633.9	1,635,969
Undesired		Total IX			Unique IX, before	Unique IX, after	
WXII-TV D16 DT BL		0.0		0	0.0	0	
WXII-TV D16 DT APP		4.0		22		0.0	0
WHKY-TV D14 DD APP		298.7		52,568	270.6	270.6	50,113
WRAZ D15 DT CP		111.6		7,855	51.7	51.7	2,340
WLTX D15 DT CP		238.0		37,609	206.2	202.1	34,527

Interference to BLANK0000034036 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WRAZ	D15	DT	CP	RALEIGH, NC	BLANK0000034036	
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921	183.3 km
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135	183.3
	WRDC	D14	DT	CP	DURHAM, NC	BLANK0000027404	0.7
	W21CK-D	D15	DC	CP	CHARLOTTE, NC	BLANK0000027832	219.2

Table 1 WXII-TV OET Bulletin 69 Interference Study
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WLTX	D15	DT	CP	COLUMBIA, SC	BLANK0000028035	268.9
WFDC-DT	D15	DT	LIC	ARLINGTON, VA	BLANK0000041206	384.8
WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976	161.6
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
49981.2	3,904,573	49721.7	3,896,733	49089.9	3,812,183	48993.8
Undesired		Total IX		Unique IX, before	Unique IX, after	
WXII-TV D16 DT BL	340.5	78,910	328.5	78,423	424.6	94,344
WXII-TV D16 DT APP	436.7	94,831			52.1	1,735
WRDC D14 DT CP	52.1	1,735	52.1	1,735	0.0	0
W21CK-D D15 DC CP	4.0	43	0.0	0	0.0	0
WLTX D15 DT CP	116.2	2,350	100.2	1,820	100.2	1,820
WFDC-DT D15 DT LIC	47.7	682	47.7	682	47.7	682
WPXU-TV D16 DT CP	87.4	1,360	87.4	1,360	87.4	1,360

Interference to BLANK0000034036 CP scenario 2						
Desired:	Call WRAZ	Chan D15	Svc DT	Status CP	City, State RALEIGH, NC	File Number BLANK0000034036
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135
	WRDC	D14	DT	APP	DURHAM, NC	BLANK0000034511
	W21CK-D	D15	DC	CP	CHARLOTTE, NC	BLANK0000027832
	WLTX	D15	DT	CP	COLUMBIA, SC	BLANK0000028035
	WFDC-DT	D15	DT	LIC	ARLINGTON, VA	BLANK0000041206
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
49981.2	3,904,573	49721.7	3,896,733	48989.6	3,809,033	48893.5
Undesired		Total IX		Unique IX, before	Unique IX, after	
WXII-TV D16 DT BL	340.5	78,910	328.5	78,423	424.6	94,344
WXII-TV D16 DT APP	436.7	94,831			152.3	4,885
WRDC D14 DT APP	152.3	4,885	152.3	4,885	0.0	0
W21CK-D D15 DC CP	4.0	43	0.0	0	0.0	0
WLTX D15 DT CP	116.2	2,350	100.2	1,820	100.2	1,820
WFDC-DT D15 DT LIC	47.7	682	47.7	682	47.7	682
WPXU-TV D16 DT CP	87.4	1,360	87.4	1,360	87.4	1,360

Interference to BLANK0000034036 CP scenario 3						
Desired:	Call WRAZ	Chan D15	Svc DT	Status CP	City, State RALEIGH, NC	File Number BLANK0000034036
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135
	WRDC	D14	DT	CP	DURHAM, NC	BLANK0000027404
	W21CK-D	D15	DC	APP	CHARLOTTE, NC	BLANK0000034509
	WLTX	D15	DT	CP	COLUMBIA, SC	BLANK0000028035
	WFDC-DT	D15	DT	LIC	ARLINGTON, VA	BLANK0000041206
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
49981.2	3,904,573	49721.7	3,896,733	49085.9	3,812,158	48989.7
Undesired		Total IX		Unique IX, before	Unique IX, after	
WXII-TV D16 DT BL	340.5	78,910	312.4	76,684	408.5	92,605
WXII-TV D16 DT APP	436.7	94,831			52.1	1,735
WRDC D14 DT CP	52.1	1,735	52.1	1,735	4.0	25
W21CK-D D15 DC APP	60.3	2,716	4.0	25	72.1	1,215
WLTX D15 DT CP	116.2	2,350	72.1	1,215	682	47.7
WFDC-DT D15 DT LIC	47.7	682	47.7	682	47.7	682
WPXU-TV D16 DT CP	87.4	1,360	87.4	1,360	87.4	1,360

Interference to BLANK0000034036 CP scenario 4						
Desired:	Call WRAZ	Chan D15	Svc DT	Status CP	City, State RALEIGH, NC	File Number BLANK0000034036

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Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921	183.3 km
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135	183.3
	WRDC	D14	DT	APP	DURHAM, NC	BLANK0000034511	0.7
	W21CK-D	D15	DC	APP	CHARLOTTE, NC	BLANK0000034509	219.2
	WLTX	D15	DT	CP	COLUMBIA, SC	BLANK0000028035	268.9
	WFDC-DT	D15	DT	LIC	ARLINGTON, VA	BLANK0000041206	384.8
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976	161.6
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
49981.2	3,904,573	49721.7	3,896,733	48985.6	3,809,008	48889.5	3,793,087
0.20	0.42						
Undesired			Total IX	Unique IX, before		Unique IX, after	
WXII-TV D16 DT BL		340.5	78,910	312.4	76,684		
WXII-TV D16 DT APP		436.7	94,831			408.5	92,605
WRDC D14 DT APP		152.3	4,885	152.3	4,885	152.3	4,885
W21CK-D D15 DC APP		60.3	2,716	4.0	25	4.0	25
WLTX D15 DT CP		116.2	2,350	72.1	1,215	72.1	1,215
WFDC-DT D15 DT LIC		47.7	682	47.7	682	47.7	682
WPXU-TV D16 DT CP		87.4	1,360	87.4	1,360	87.4	1,360
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Interference to BLANK0000025028 CP scenario 1							
Desired:	Call WJPM-TV	Chan D16	Svc DT	Status CP	City, State FLORENCE, SC	File Number BLANK0000025028	Distance
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921	239.8 km
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135	239.8
	W21CK-D	D15	DC	CP	CHARLOTTE, NC	BLANK0000027832	145.4
	WLTX	D15	DT	CP	COLUMBIA, SC	BLANK0000028035	96.0
	WAGT-CD	D16	DC	LIC	AUGUSTA, GA	BLANK0000001455	229.7
	WSAV-TV	D16	DT	CP	SAVANNAH, GA	BLANK0000034780	286.2
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976	212.2
	WTAT-TV	D17	DT	CP	CHARLESTON, SC	BLANK0000027762	149.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
17209.3	623,965	17197.3	623,813	16926.3	613,047	16854.7	610,471
0.42	0.42						
Undesired		Total IX		Unique IX, before		Unique IX, after	
WXII-TV D16 DT BL		151.1	8,553	103.2	5,146		
WXII-TV D16 DT APP		238.6	11,304			174.8	7,722
WLTX D15 DT CP		139.8	3,076	87.9	1,753	75.9	1,665
WAGT-CD D16 DC LIC		4.0	73	0.0	0	0.0	0
WSAV-TV D16 DT CP		40.0	1,191	0.0	0	0.0	0
WPXU-TV D16 DT CP		43.9	3,457	4.0	90	4.0	90
WTAT-TV D17 DT CP		16.1	86	16.1	86	16.1	86
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Interference to BLANK0000025028 CP scenario 2							
Desired:	Call WJPM-TV	Chan D16	Svc DT	Status CP	City, State FLORENCE, SC	File Number BLANK0000025028	Distance
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921	239.8 km
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135	239.8
	W21CK-D	D15	DC	CP	CHARLOTTE, NC	BLANK0000027832	145.4
	WLTX	D15	DT	CP	COLUMBIA, SC	BLANK0000028035	96.0
	WAGT-CD	D16	DC	LIC	AUGUSTA, GA	BLANK0000001455	229.7
	WSAV-TV	D16	DT	CP	SAVANNAH, GA	BLANK0000034780	286.2
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976	212.2
	WTAT-TV	D17	DT	APP	CHARLESTON, SC	BLANK0000034503	149.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
17209.3	623,965	17197.3	623,813	16910.2	612,794	16838.6	610,218
0.42	0.42						
Undesired		Total IX		Unique IX, before		Unique IX, after	
WXII-TV D16 DT BL		151.1	8,553	103.2	5,146		
WXII-TV D16 DT APP		238.6	11,304			174.8	7,722
WLTX D15 DT CP		139.8	3,076	87.9	1,753	75.9	1,665
WAGT-CD D16 DC LIC		4.0	73	0.0	0	0.0	0
WSAV-TV D16 DT CP		40.0	1,191	0.0	0	0.0	0
WPXU-TV D16 DT CP		43.9	3,457	4.0	90	4.0	90

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WTAT-TV	D17	DT	APP	32.2	339	32.2	339	32.2	339
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Interference to BLANK0000025028 CP scenario 3									
Desired:	Call WJPM-TV	Chan D16	Svc DT	Status CP	City, State FLORENCE, SC		File Number	Distance	
							BLANK0000025028		
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC		DTVBL53921	239.8 km	
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC		WXII-TV 1000kW C135	239.8	
	W21CK-D	D15	DC	CP	CHARLOTTE, NC		BLANK0000027832	145.4	
	WLTX	D15	DT	CP	COLUMBIA, SC		BLANK0000028035	96.0	
	WAGT-CD	D16	DC	CP	AUGUSTA, GA		BLANK0000035762	216.7	
	WSAV-TV	D16	DT	CP	SAVANNAH, GA		BLANK0000034780	286.2	
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC		BLANK0000026976	212.2	
	WTAT-TV	D17	DT	CP	CHARLESTON, SC		BLANK0000027762	149.0	
Service area					Terrain-limited	IX-free, before		IX-free, after	Percent New IX
17209.3	623,965	17197.3	623,813	16926.3	613,047	16854.7	610,471	0.42	0.42
Undesired					Total IX	Unique IX, before		Unique IX, after	
WXII-TV D16 DT BL		151.1		8,553	103.2	5,146			
WXII-TV D16 DT APP		238.6		11,304			174.8	7,722	
WLTX D15 DT CP		139.8		3,076	87.9	1,753	75.9	1,665	
WAGT-CD D16 DC CP		8.0		118	0.0	0	0.0	0	
WSAV-TV D16 DT CP		40.0		1,191	0.0	0	0.0	0	
WPXU-TV D16 DT CP		43.9		3,457	4.0	90	4.0	90	
WTAT-TV D17 DT CP		16.1		86	16.1	86	16.1	86	
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Interference to BLANK0000025028 CP scenario 4									
Desired:	Call WJPM-TV	Chan D16	Svc DT	Status CP	City, State FLORENCE, SC		File Number	Distance	
							BLANK0000025028		
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC		DTVBL53921	239.8 km	
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC		WXII-TV 1000kW C135	239.8	
	W21CK-D	D15	DC	CP	CHARLOTTE, NC		BLANK0000027832	145.4	
	WLTX	D15	DT	CP	COLUMBIA, SC		BLANK0000028035	96.0	
	WAGT-CD	D16	DC	CP	AUGUSTA, GA		BLANK0000035762	216.7	
	WSAV-TV	D16	DT	CP	SAVANNAH, GA		BLANK0000034780	286.2	
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC		BLANK0000026976	212.2	
	WTAT-TV	D17	DT	APP	CHARLESTON, SC		BLANK0000034503	149.0	
Service area					Terrain-limited	IX-free, before		IX-free, after	Percent New IX
17209.3	623,965	17197.3	623,813	16910.2	612,794	16838.6	610,218	0.42	0.42
Undesired					Total IX	Unique IX, before		Unique IX, after	
WXII-TV D16 DT BL		151.1		8,553	103.2	5,146			
WXII-TV D16 DT APP		238.6		11,304			174.8	7,722	
WLTX D15 DT CP		139.8		3,076	87.9	1,753	75.9	1,665	
WAGT-CD D16 DC CP		8.0		118	0.0	0	0.0	0	
WSAV-TV D16 DT CP		40.0		1,191	0.0	0	0.0	0	
WPXU-TV D16 DT CP		43.9		3,457	4.0	90	4.0	90	
WTAT-TV D17 DT APP		32.2		339	32.2	339	32.2	339	
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Interference to BLANK0000034342 CP scenario 1									
Desired:	Call WAPK-CD	Chan D16	Svc DC	Status CP	City, State BRISTOL VA/KINGSPORT, TN		File Number	Distance	
							BLANK0000034342		
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC		DTVBL53921	157.9 km	
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC		WXII-TV 1000kW C135	157.9	
	WAGT-CD	D16	DC	LIC	AUGUSTA, GA		BLANK000001455	328.9	
	WVVA	D17	DT	CP	BLUEFIELD, WV		BLANK0000027470	125.0	
Service area					Terrain-limited	IX-free, before		IX-free, after	Percent New IX
16699.8	784,208	12458.4	659,500	12338.5	653,608	12330.5	652,336	0.06	0.19
Undesired					Total IX	Unique IX, before		Unique IX, after	
WXII-TV D16 DT BL		115.9		5,892	111.9	5,892			
WXII-TV D16 DT APP		123.9		7,164			119.9	7,164	

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WVVA D17 DT CP	8.0	0	4.0	0	4.0	0
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Interference to BLANK0000034472 CP scenario 1						
Desired:	Call WTKR	Chan D16	Svc DT	Status CP	City, State NORFOLK, VA	File Number BLANK0000034472
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135
	WCPB	D16	DT	CP	SALISBURY, MD	BLANK0000029877
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976
Service area 33801.0	2,149,376	33797.0	Terrain-limited 2,149,375	IX-free, before 33248.2	IX-free, after 2,142,316	Percent New IX 0.01 0.00
Undesired		Total IX		Unique IX, before	Unique IX, after	
WXII-TV D16 DT BL	4.0	0		0.0	0	
WXII-TV D16 DT APP	12.0	0			4.0	0
WCPB D16 DT CP	536.8	7,059		536.8	7,059	532.8 7,059
WPXU-TV D16 DT CP	12.0	0		8.0	0	8.0 0
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Interference to BLANK0000034032 CP scenario 1						
Desired:	Call WRAL-TV	Chan D17	Svc DT	Status CP	City, State RALEIGH, NC	File Number BLANK0000034032
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976
	WTAT-TV	D17	DT	CP	CHARLESTON, SC	BLANK0000027762
	WHNS	D17	DT	CP	GREENVILLE, SC	BLANK0000024830
	WKTD-CD	D17	DC	LIC	PORTSMOUTH, VA	BLTTA20050316ACC
	WVVA	D17	DT	CP	BLUEFIELD, WV	BLANK0000027470
	WCCB	D18	DT	CP	CHARLOTTE, NC	BLANK0000034433
Service area 50508.1	3,939,263	50236.6	Terrain-limited 3,933,878	IX-free, before 49383.0	IX-free, after 3,854,324	Percent New IX 0.17 0.22
Undesired		Total IX		Unique IX, before	Unique IX, after	
WXII-TV D16 DT BL	240.3	62,558		148.2	47,099	
WXII-TV D16 DT APP	336.4	71,260			232.3	55,689
WPXU-TV D16 DT CP	35.7	336		35.7	336	
WTAT-TV D17 DT CP	214.4	7,251		166.5	6,648	166.5 6,648
WHNS D17 DT CP	116.3	3,807		16.1	266	16.1 266
WKTD-CD D17 DC LIC	59.7	1,312		59.7	1,312	59.7 1,312
WVVA D17 DT CP	363.3	22,928		239.0	6,379	227.0 6,267
WCCB D18 DT CP	48.2	1,611		12.0	234	12.0 234
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Interference to BLANK0000034032 CP scenario 2						
Desired:	Call WRAL-TV	Chan D17	Svc DT	Status CP	City, State RALEIGH, NC	File Number BLANK0000034032
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976
	WTAT-TV	D17	DT	APP	CHARLESTON, SC	BLANK0000034503
	WHNS	D17	DT	CP	GREENVILLE, SC	BLANK0000024830
	WKTD-CD	D17	DC	LIC	PORTSMOUTH, VA	BLTTA20050316ACC
	WVVA	D17	DT	CP	BLUEFIELD, WV	BLANK0000027470
	WCCB	D18	DT	CP	CHARLOTTE, NC	BLANK0000034433
Service area 50508.1	3,939,263	50236.6	Terrain-limited 3,933,878	IX-free, before 49271.9	IX-free, after 3,852,000	Percent New IX 0.17 0.22
Undesired		Total IX		Unique IX, before	Unique IX, after	
WXII-TV D16 DT BL	240.3	62,558		148.2	47,099	
WXII-TV D16 DT APP	336.4	71,260			232.3	55,689
WPXU-TV D16 DT CP	35.7	336		35.7	336	
WTAT-TV D17 DT APP	329.6	9,603		277.6	8,972	277.6 8,972

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WHNS D17 DT CP	116.3	3,807	16.1	266	16.1	266
WKTD-CD D17 DC LIC	59.7	1,312	59.7	1,312	59.7	1,312
WVVA D17 DT CP	363.3	22,928	239.0	6,379	227.0	6,267
WCCB D18 DT CP	48.2	1,611	12.0	234	12.0	234

Interference to BLANK0000027470 CP scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WVVA	D17	DT	CP	BLUEFIELD, WV	BLANK0000027470	
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921	121.4 km
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135	121.4
	WAPK-CD	D16	DC	CP	BRISTOL VA/KINGSPORT, TN	BLANK0000034342	125.0
	WKSQ-TV	D17	DT	CP	SOMERSET, KY	BLANK0000025331	322.7
	WRAL-TV	D17	DT	CP	RALEIGH, NC	BLANK0000034032	295.2
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	358.1
	WHNS	D17	DT	CP	GREENVILLE, SC	BLANK0000024830	266.9
	WLPX-TV	D18	DT	CP	CHARLESTON, WV	BLANK0000026970	144.7
Service area					Terrain-limited	IX-free, before	IX-free, after
32623.9	1,037,632	26607.9	722,666	25851.5	707,497	25855.5	707,508
Undesired					Total IX	Unique IX, before	Unique IX, after
WXII-TV D16 DT BL		115.5		1,531	51.8	516	
WXII-TV D16 DT APP		103.5		1,347		47.8	505
WAPK-CD D16 DC CP		83.7		3,028	67.6	2,801	67.6
WKSQ-TV D17 DT CP		4.0		101	4.0	101	4.0
WRAL-TV D17 DT CP		379.1		8,821	283.5	7,321	291.5
WCET D17 DT CP		27.7		596	19.8	596	19.8
WHNS D17 DT CP		127.6		2,430	67.8	1,399	67.8
WLPX-TV D18 DT CP		146.3		585	138.4	585	138.4

Interference to BLANK0000027470 CP scenario 2

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WVVA	D17	DT	CP	BLUEFIELD, WV	BLANK0000027470	
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921	121.4 km
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135	121.4
	WAPK-CD	D16	DC	CP	BRISTOL VA/KINGSPORT, TN	BLANK0000034342	125.0
	WKSQ-TV	D17	DT	APP	SOMERSET, KY	BLANK0000034631	322.7
	WRAL-TV	D17	DT	CP	RALEIGH, NC	BLANK0000034032	295.2
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	358.1
	WHNS	D17	DT	CP	GREENVILLE, SC	BLANK0000024830	266.9
	WLPX-TV	D18	DT	CP	CHARLESTON, WV	BLANK0000026970	144.7
Service area					Terrain-limited	IX-free, before	IX-free, after
32623.9	1,037,632	26607.9	722,666	25847.5	707,497	25851.5	707,508
Undesired					Total IX	Unique IX, before	Unique IX, after
WXII-TV D16 DT BL		115.5		1,531	51.8	516	
WXII-TV D16 DT APP		103.5		1,347		47.8	505
WAPK-CD D16 DC CP		83.7		3,028	67.6	2,801	67.6
WKSQ-TV D17 DT APP		8.0		101	8.0	101	8.0
WRAL-TV D17 DT CP		379.1		8,821	283.5	7,321	291.5
WCET D17 DT CP		27.7		596	19.8	596	19.8
WHNS D17 DT CP		127.6		2,430	67.8	1,399	67.8
WLPX-TV D18 DT CP		146.3		585	138.4	585	138.4

Interference to BLANK0000027470 CP scenario 3

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WVVA	D17	DT	CP	BLUEFIELD, WV	BLANK0000027470	
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921	121.4 km
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135	121.4
	WAPK-CD	D16	DC	CP	BRISTOL VA/KINGSPORT, TN	BLANK0000034342	125.0
	WKSQ-TV	D17	DT	CP	SOMERSET, KY	BLANK0000025331	322.7
	WRAL-TV	D17	DT	CP	RALEIGH, NC	BLANK0000034032	295.2
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	358.1

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WHNS	D17	DT	CP	GREENVILLE, SC	BLANK0000024830	266.9	
WLPX-TV	D18	DT	APP	CHARLESTON, WV	BLANK0000034886	144.7	
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX	
32623.9	1,037,632	26607.9	722,666	25831.7	707,432	-0.02 -0.00	
Undesired		Total IX		Unique IX, before	Unique IX, after		
WXII-TV D16 DT BL	115.5	1,531		51.8	516		
WXII-TV D16 DT APP	103.5	1,347			47.8	505	
WAPK-CD D16 DC CP	83.7	3,028		67.6	2,801	67.6 2,801	
WKSQ-TV D17 DT CP	4.0	101		4.0	101	4.0 101	
WRAL-TV D17 DT CP	379.1	8,821		283.5	7,321	291.5 7,494	
WCET D17 DT CP	27.7	596		19.8	596	19.8 596	
WHNS D17 DT CP	127.6	2,430		67.8	1,399	67.8 1,399	
WLPX-TV D18 DT APP	166.1	650		158.2	650	158.2 650	
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Interference to BLANK0000027470 CP scenario 4							
Desired:	Call WVVA	Chan D17	Svc DT	Status CP	City, State BLUEFIELD, WV	File Number BLANK0000027470	Distance
Undesireds:	WXII-TV	D16	DT	BL	WINSTON-SALEM, NC	DTVBL53921	121.4 km
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135	121.4
	WAPK-CD	D16	DC	CP	BRISTOL VA/KINGSPORT, TN	BLANK0000034342	125.0
	WKSQ-TV	D17	DT	APP	SOMERSET, KY	BLANK0000034631	322.7
	WRAL-TV	D17	DT	CP	RALEIGH, NC	BLANK0000034032	295.2
	WCET	D17	DT	CP	CINCINNATI, OH	BLANK0000026835	358.1
	WHNS	D17	DT	CP	GREENVILLE, SC	BLANK0000024830	266.9
	WLPX-TV	D18	DT	APP	CHARLESTON, WV	BLANK0000034886	144.7
Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX	
32623.9	1,037,632	26607.9	722,666	25827.7	707,432	-0.02 -0.00	
Undesired		Total IX		Unique IX, before	Unique IX, after		
WXII-TV D16 DT BL	115.5	1,531		51.8	516		
WXII-TV D16 DT APP	103.5	1,347			47.8	505	
WAPK-CD D16 DC CP	83.7	3,028		67.6	2,801	67.6 2,801	
WKSQ-TV D17 DT APP	8.0	101		8.0	101	8.0 101	
WRAL-TV D17 DT CP	379.1	8,821		283.5	7,321	291.5 7,494	
WCET D17 DT CP	27.7	596		19.8	596	19.8 596	
WHNS D17 DT CP	127.6	2,430		67.8	1,399	67.8 1,399	
WLPX-TV D18 DT APP	166.1	650		158.2	650	158.2 650	
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Interference to proposal scenario 1							
1.55% interference received							
Desired:	Call WXII-TV	Chan D16	Svc DT	Status APP	City, State WINSTON-SALEM, NC	File Number WXII-TV 1000kW C135	Distance
Undesireds:	W21CK-D	D15	DC	CP	CHARLOTTE, NC	BLANK0000027832	138.4 km
	WRAZ	D15	DT	CP	RALEIGH, NC	BLANK0000034036	183.3
	WAGT-CD	D16	DC	LIC	AUGUSTA, GA	BLANK0000001455	356.2
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976	335.7
	WJPM-TV	D16	DT	CP	FLORENCE, SC	BLANK0000025028	239.8
	WAPK-CD	D16	DC	CP	BRISTOL VA/KINGSPORT, TN	BLANK0000034342	157.9
	WTKR	D16	DT	CP	NORFOLK, VA	BLANK0000034472	348.7
	WRAL-TV	D17	DT	CP	RALEIGH, NC	BLANK0000034032	183.3
	WVVA	D17	DT	CP	BLUEFIELD, WV	BLANK0000027470	121.4
Service area		Terrain-limited		IX-free		Percent IX	
45264.5	3,630,551	42015.9	3,302,717	40695.4	3,251,495	3.14 1.55	
Undesired		Total IX		Unique IX	Prcnt Unique IX		
WRAZ D15 DT CP	405.7	14,498	0.0	0	0.00 0.00		
WPXU-TV D16 DT CP	92.7	2,834	4.0	7	0.01 0.00		
WJPM-TV D16 DT CP	294.7	18,957	238.2	16,101	0.57 0.49		
WAPK-CD D16 DC CP	347.8	10,818	299.7	9,508	0.71 0.29		
WTKR D16 DT CP	116.1	2,899	88.0	2,048	0.21 0.06		
WRAL-TV D17 DT CP	506.1	20,020	100.4	5,522	0.24 0.17		
WVVA D17 DT CP	128.1	569	92.1	553	0.22 0.02		

Table 1 WXII-TV OET Bulletin 69 Interference Study
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Interference to proposal scenario 2
**MX: 1.73% interference received

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WXII-TV	D16	DT	APP	WINSTON-SALEM, NC	WXII-TV 1000kW C135	
Undesireds:	W21CK-D	D15	DC	APP	CHARLOTTE, NC	BLANK0000034509	138.4 km
	WRAZ	D15	DT	CP	RALEIGH, NC	BLANK0000034036	183.3
	WAGT-CD	D16	DC	LIC	AUGUSTA, GA	BLANK0000001455	356.2
	WPXU-TV	D16	DT	CP	JACKSONVILLE, NC	BLANK0000026976	335.7
	WJPM-TV	D16	DT	CP	FLORENCE, SC	BLANK0000025028	239.8
	WAPK-CD	D16	DC	CP	BRISTOL VA/KINGSPORT, TN	BLANK0000034342	157.9
	WTKR	D16	DT	CP	NORFOLK, VA	BLANK0000034472	348.7
	WRAL-TV	D17	DT	CP	RALEIGH, NC	BLANK0000034032	183.3
	WVVA	D17	DT	CP	BLUEFIELD, WV	BLANK0000027470	121.4
Service area					Terrain-limited	IX-free	Percent IX
45264.5	3,630,551	42015.9	3,302,717	40691.3	3,245,561	3.15	1.73
Undesired				Total IX	Unique IX	Prcnt Unique	Unique IX
W21CK-D D15 DC APP		4.0	5,934	4.0	5,934	0.01	0.18
WRAZ D15 DT CP		405.7	14,498	0.0	0	0.00	0.00
WPXU-TV D16 DT CP		92.7	2,834	4.0	7	0.01	0.00
WJPM-TV D16 DT CP		294.7	18,957	238.2	16,101	0.57	0.49
WAPK-CD D16 DC CP		347.8	10,818	299.7	9,508	0.71	0.29
WTKR D16 DT CP		116.1	2,899	88.0	2,048	0.21	0.06
WRAL-TV D17 DT CP		506.1	20,020	100.4	5,522	0.24	0.17
WVVA D17 DT CP		128.1	569	92.1	553	0.22	0.02

Section	Question	Response
Proposed Community of License	Facility ID	53921
	State	North Carolina
	City	WINSTON-SALEM
	DTV Channel	16
Facility Type	Facility Type	Commercial
	Station Type	Main
Zone	Zone	2

Section	Question	Response
Antenna Structure Registration	Do you have an FCC Antenna Structure Registration (ASR) Number?	Yes
	ASR Number	1008241
Coordinates (NAD83)	Latitude	36° 22' 31.0" N+
	Longitude	080° 22' 25.0" W-
	Structure Type	TOWER-A free standing or guyed struct
	Overall Structure Height	208.1 meters
	Support Structure Height	176.6 meters
	Ground Elevation (AMSL)	731.5 meters
Antenna Data	Height of Radiation Center Above Ground Level	160 meters
	Height of Radiation Center Above Average Terrain	571.9 meters
	Height of Radiation Center Above Mean Sea Level	891.5 meters
	Effective Radiated Power	1000 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:	DIE
		Model	TFU-30DSC-R C135
		Rotation	0 degrees
		Electrical Beam Tilt	1
		Mechanical Beam Tilt	Not Applicable
		toward azimuth	
		Polarization	Horizontal
	DTV and DTS: Elevation 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	

Directional Antenna Relative Field Values (Pre-rotated Pattern)

Degree	V _A (Authorized Value)						
0	0.622	90	0.993	180	0.956	270	0.809
10	0.716	100	0.978	190	0.978	280	0.716
20	0.809	110	0.956	200	0.993	290	0.622
30	0.886	120	0.932	210	0.999	300	0.549
40	0.940	130	0.912	220	0.999	310	0.511
50	0.973	140	0.900	230	0.991	320	0.498
60	0.991	150	0.900	240	0.973	330	0.498
70	0.999	160	0.912	250	0.940	340	0.511
80	0.999	170	0.932	260	0.886	350	0.549

Additional Azimuths

Degree	V _A
76	1.000
214	1.000