

REQUEST FOR WAIVER  
OF PHASE ASSIGNMENT, TESTING PERIOD, AND PHASE COMPLETION DATE

Nexstar Broadcasting, Inc. (“Nexstar”) seeks a waiver of the Post-Incentive Auction Transition Phase Assignment, and corresponding testing dates and construction completion deadlines, for WSAV-TV, Savannah, Georgia, Facility ID 48662 (the “Station”). Pursuant to the *Closing and Reassignment Public Notice*, the Federal Communications Commission (“FCC”) assigned the Station to Transition Phase 7 and its associated Phase Completion Date of January 17, 2020.<sup>1</sup> Nexstar respectfully requests authority to transition the Station earlier – by or before June 1, 2018, with a testing period to commence immediately preceding the proposed transition date.

The *Transition Scheduling Adoption Public Notice* permitted stations to propose “alternative transition solutions that could create efficiencies,” and held that a request to modify a station’s transition deadline — including by moving to an earlier phase — would be viewed favorably if the request is “otherwise compliant with [FCC] rules and [has] little or no impact on the phase assignments or transition schedule.”<sup>2</sup> As demonstrated below, Nexstar’s instant request qualifies for such favorable treatment.

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<sup>1</sup> *Incentive Auction Closing and Channel Reassignment Public Notice: The Broadcast Television Incentive Auction Closes; Reverse Auction and Forward Auction Results Announced; Final Television Band Channel Assignments Announced; Post-Auction Deadlines Announced*, Public Notice, 32 FCC Rcd 2786 (WTB & MB 2017) (*Closing and Channel Reassignment Public Notice*).

<sup>2</sup> *Incentive Auction Task Force and Media Bureau Adopt A Post-Incentive Auction Transition Scheduling Plan*, MB Docket No. 16-306 and GN Docket No. 12-268, 32 FCC Rcd 890, 913 ¶ 51 (MB 2017) (*Transition Scheduling Adoption Public Notice*), citing *Incentive Auction Task Force and Media Bureau Seek Comment on Post-Incentive Auction Transition Scheduling Plan*, Public Notice, 31 FCC Rcd 10802 (MB 2016) (*Transition Scheduling Proposal Public Notice*).

The FCC may grant a waiver for good cause shown.<sup>3</sup> A waiver is appropriate where the particular facts make strict compliance inconsistent with the public interest.<sup>4</sup> In considering a waiver, the FCC may take into account considerations of hardship, equity, or more effective implementation of overall policy on an individual basis.<sup>5</sup> Such a waiver is appropriate if circumstances warrant a deviation from the general rule, and such deviation will serve the public interest.<sup>6</sup>

As demonstrated herein, good cause exists for waiver of the Station's Transition Phase 7 Assignment since the proposed accelerated Station transition will serve the public interest by expediting the delivery of new wireless broadband services to the public while minimizing viewer disruption and dissipation of post-auction transition resources. Specifically, if the Station is permitted to complete its transition early, T-Mobile, a winning bidder in the FCC's forward auction and a 600 MHz wireless licensee, will be able to deploy new competitive wireless broadband services to people of Savannah, Georgia nineteen (19) months earlier than currently scheduled.

According to the attached engineering statement completed by du Treil, Lundin & Rackley, Inc. Consulting Engineers there are no cases of incoming (received) interference to the WSAV-TV Channel 16 facility or outgoing (caused) interference to any other protected full-power or Class A television stations exceeding 0.5%, nor will any new pairwise (station-to-station) interference be created by the proposed early transition of the Station. As such, there is

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<sup>3</sup> 47 C.F.R. § 1.3.

<sup>4</sup> *Northeast Cellular Tel. Co. v. FCC*, 897 F.2d 1164, 1166 (D.C. Cir. 1990).

<sup>5</sup> *WAIT Radio v. FCC*, 418 F.2d 1153, 1159 (D.C. Cir. 1969), *cert. denied*, 409 U.S. 1027 (1972); *Northeast Cellular*, 897 F.2d at 1166.

<sup>6</sup> *Northeast Cellular*, 897 F.2d at 1166.

no impact on any linked station set or other transitioning stations. Furthermore, the proposed early transition will not create any pairwise interference or new linked station sets.

The proposed transition will further the overall transition plan. The proposed expedited, out of phase, transition will in fact permit a more efficient use of resources by engaging vendors and service providers earlier in the overall process rather than have them potentially overloaded at a later date in the transition.

As part of the current transition schedule, consumers will need to undertake two rescans within the Station's designated market area ("DMA"). Grant of the expedited transition of the Station will result in one additional rescan within the Savannah, GA DMA. In order to mitigate the need for an additional scan, Nexstar pledges to act to further minimize any viewer disruption by increasing outreach education – beginning forty-five (45) days prior to the transition - which is above and beyond the required once per day for 30 days of public service announcements and crawls to notify the Station audience of the proposed transition and provide detailed instructions on the rescanning process.

Grant of the requested waiver will serve the public interest by facilitating a more effective and efficient reconfiguration of the remaining television spectrum while clearing the path for wireless companies to increase and improve broadband products and services. For the foregoing reasons, Nexstar hereby requests the FCC amend the current phase assignment for the Station and respectfully requests that the FCC authorize WSAV-TV to complete its transition by or before June 1, 2018.

Respectfully submitted,

Nexstar Broadcasting, Inc.

By: 

Elizabeth Ryder  
EVP & General Counsel  
Nexstar Broadcasting, Inc.  
545 E. John Carpenter Freeway  
Suite 700  
Irving, TX 75062

November 7, 2017

# **ENGINEERING STATEMENT**

ENGINEERING STATEMENT  
SUPPORTING REQUEST FOR WAIVER  
TELEVISION STATION WSAV-TV  
(FACILITY ID NO. 48662)  
SAVANNAH, GEORGIA  
CHANNEL 16

Background

This statement was prepared on behalf of Nexstar Broadcasting, Inc. ('Nexstar'), licensee of WSAV-TV, in support of a request for waiver of the FCC's Phase Assignment, Testing Period, and Phase Completion Date for television station WSAV-TV, Savannah, Georgia, in the Savannah DMA<sup>\*</sup>. WSAV-TV is licensed for operation on RF Channel 39 with a nominal non-directional effective radiated power (ERP) of 1000 kW and an antenna height above average terrain (HAAT) of 442 m.

As a result of the FCC's Incentive Auction repack process, the WSAV-TV facility was reassigned to RF Channel 16. Nexstar holds a construction permit for operation on Channel 16 with a non-directional ERP of 673 kW and an antenna HAAT of 442 m.<sup>†</sup> A summary of the FCC engineering database information for the WSAV-TV construction permit facility is attached hereto for reference.

In coordination with the wireless carrier, T-Mobile, Nexstar seeks a waiver of the FCC's Phase Assignment, Testing Period, and Phase Completion Date to allow WSAV-TV to make the transition to Channel 16 earlier than its given phase transition date. This will facilitate the early deployment of new 600 MHz band wireless broadband services.

This statement demonstrates that WSAV-TV can transition to Channel 16 before its assigned phase date without any disruption to the FCC's transition plans. Specifically, it is demonstrated that the operation of WSAV-TV on Channel 16 as authorized in its construction permit will have no adverse interference consequences, either caused or received, under the current repack allocation environment.

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<sup>\*</sup> Nielsen Designated Market Area abbreviated as DMA.

<sup>†</sup> See FCC File No. 0000027673.

### Assigned Phase

WSAV-TV was assigned to transition Phase 7, with a testing begin date of October 19, 2019. This is based on the latest FCC Phase Assignment spreadsheet dated October 6, 2017.

### Linked Station Sets and Linked Station Neighbor Stations

An inspection of the latest FCC Linked Station Set (LSS) and Linked Station Neighbor (LSN) spreadsheet databases indicates that the WSAV-TV facility is not part of any LSSs or LSNs. These are based on the latest LSS and LSN spreadsheets available from the FCC, both dated July 3, 2017.

### Interference Caused Analysis Under Current Allocation Environment

An interference analysis was conducted for the WSAV-TV Channel 16 facility utilizing the latest version<sup>‡</sup> of the FCC's *TVStudy* coverage and interference analysis prediction software. The report of the results is attached hereto entitled 'Interference Caused Analysis for WSAV-TV Channel 16 Facility Under Current Allocation Environment.'

The results of the analysis indicate that there are no cases of outgoing (caused) interference exceeding the normal 0.5% rounding tolerance level to any other protected full-power or Class A television stations now operating with the exception of one station. Specifically, there is predicted caused interference of 0.73% with respect to station WAGT-CD, Augusta, GA (Channel 16). However, this level of interference is within the FCC's permitted temporary transitional pairwise interference level of 2%.

### Interference Received Analysis Under Current Allocation Environment

An interference analysis specifically for the 'received case' of interference was conducted for the WSAV-TV Channel 16 facility utilizing the aforementioned *TVStudy* prediction software. The report of the results is attached hereto entitled 'Interference

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<sup>‡</sup> *TVStudy* Version 2.2.3

Received Analysis for WSAV-TV Channel 16 Facility Under Current Allocation Environment.' The purpose of this study is to evaluate all current environment records in the received interference analysis.

The results of the analysis indicate that there are no cases of incoming (received) interference exceeding 0.5% to the WSAV-TV Channel 16 facility with the exception of one station. Specifically, there is predicted interference received of 0.86% from station WGXA(TV), Macon, GA (Channel 16). However, this level of interference is within the FCC's permitted temporary transitional pairwise interference level of 2%.

#### Effects on Linked Station Sets

Based on these results, the transition of the WSAV-TV facility to Channel 16 in advance of its phase transition date will not create any pairwise interference cases or new linked station sets.

#### Conclusion

It is concluded that the early transition of the WSAV-TV facility on Channel 16 will not result in any interference cases, either caused or received, that would result in the creation or alteration of any linked station sets established in the Incentive Auction repack process.



Louis R. du Treil, Jr., P.E.

du Treil, Lundin & Rackley, Inc.  
3135 Southgate Circle  
Sarasota, Florida 34239

October 7, 2017



# TV Inquiry

du Treil, Lundin, & Rackley, Inc., Sarasota, Florida



**Callsign:** WSAV-TV    **Service:** DT    **Status:** CP    **App. Status:** GRANT    **Border Code:**    **Rec. Type:** C  
**Channel:** 16    **Offset:**    **Zone:** 2    **Docket Number:**    **DTV Type:** POSTTRAN  
**Fac. ID:** 48662    **Assoc. ID:**    **Application File No.:** BLANK-0000027673    **DT Emission Mask:**  
**City:** SAVANNAH    **State:** GA    **Country:** US    **CP Expiration Date:**  
**Party Name:** NEXSTAR BROADCASTING, INC.    **Last Change Date:** 7/24/2017

**Latitude (NAD 27):** 32-03-31.7    **Height AGL (m):** 442.2    **Polarization:** H  
**Longitude (NAD 27):** 081-17-54.4    **Overall Height AGL (m):** 450.8    **Electrical Tilt (°):** 1  
**Latitude (NAD 83):** 032-03-32.4    **ERP (kW):** 673    **Mechanical Tilt (°):**  
**Longitude (NAD 83):** 081-17-53.8    **Maximum ERP (kW):**    **Mechanical Tilt Azimuth (°):**  
**RCAMSL (m):** 447.1    **Maximum ERP (dBk):** 28.3    **Degrees True (°):**  
**Site Elevation AMSL (m):** 4.9    **Maximum ERP at any Angle (kW):**    **Antenna Make:**  
**HAAT (m):** 442    **Antenna Model:**  
**Maximum HAAT (m):**

**Antenna Type:** N    **Antenna ID:** 65146    **Rotation (°):**

0° 1.000	90° 1.000	180° 1.000	270° 1.000
10° 1.000	100° 1.000	190° 1.000	280° 1.000
20° 1.000	110° 1.000	200° 1.000	290° 1.000
30° 1.000	120° 1.000	210° 1.000	300° 1.000
40° 1.000	130° 1.000	220° 1.000	310° 1.000
50° 1.000	140° 1.000	230° 1.000	320° 1.000
60° 1.000	150° 1.000	240° 1.000	330° 1.000
70° 1.000	160° 1.000	250° 1.000	340° 1.000
80° 1.000	170° 1.000	260° 1.000	350° 1.000

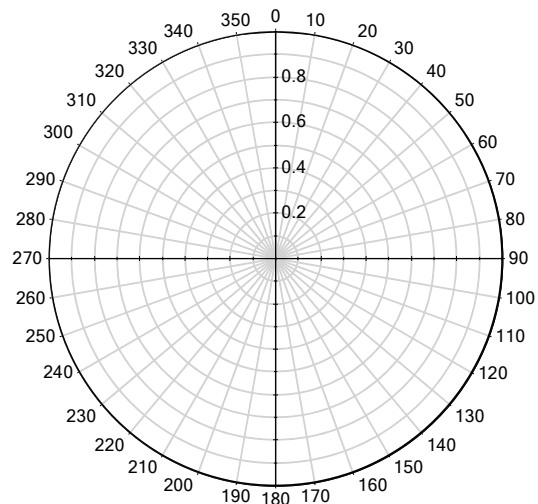
**Standard Pattern:**

**Antenna Make:** DIE

**Antenna Model:** TFU-22GTH-R 04 (SP)

**Last Change Date:**

**Note:** Rotation or tilt is not applied to the pattern shown



<b>Type:</b> GTOWER	<b>ASRN:</b> 1049788	<b>FAA Study No.:</b> 2004-ASO-509-OE	<b>Structure Height (m):</b> 434.7
<b>Latitude (NAD 27):</b> 032-03-31	<b>Date Received:</b> 09/17/2017	<b>Structure Height (ft):</b> 1426.2	
<b>Longitude (NAD 27):</b> 081-17-55	<b>Date Entered:</b> 09/17/2017	<b>Ground Elevation (m):</b> 4.9	
<b>Latitude (NAD 83):</b> 32-03-31.7	<b>Date Issued:</b> 09/17/2017	<b>Ground Elevation (ft):</b> 16.1	
<b>Longitude (NAD 83):</b> 081-17-54.4	<b>Date Constructed:</b> 03/30/2004	<b>Overall Height AGL (m):</b> 450.8	
<b>Struct. Address:</b>	<b>Date Dismantled:</b>	<b>Overall Height AGL (ft):</b> 1479.0	
1772 LITTLE NECK RD		<b>Overall Height AMSL (m):</b> 455.7	
Savannah	GA	<b>Overall Height AMSL (ft):</b> 1495.1	

**Entity Name:** Nexstar Broadcasting, Inc.

# INTERFERENCE CAUSED ANALYSIS FOR WSAV-TV CHANNEL 16

## FACILITY UNDER CURRENT ALLOCATION ENVIRONMENT

tvstudy v2.2.3 (Dxtpx3)

Database: localhost, Study: WSAVDT16CPPRE2, Model: Longley-Rice

Study build station data: LMS TV 2017-09-17 (27)

Proposal: WSAV-TV D16 DT APP SAVANNAH, GA  
File number: WSAVDT16CPPRE2  
Facility ID: 48662  
Station data: User record  
Record ID: 1285  
Country: U.S.  
Zone: II

Build options:

Protect records not on baseline channel

Individual records excluded:

0000024623 WXII-TV D16 DT CP WINSTON-SALEM, NC BLANK0000024623  
0000024682 WRCF-CD D16 DC CP ORLANDO, FL BLANK0000024682  
0000024820 WZRA-CD D15 DC CP OLDSMAR, FL BLANK0000024820  
0000024830 WHNS D17 DT CP GREENVILLE, SC BLANK0000024830  
0000024851 WDMA-CD D16 DC CP MACON, GA BLANK0000024851  
0000025028 WJPM-TV D16 DT CP FLORENCE, SC BLANK0000025028  
0000025193 WRAL-TV D17 DT CP RALEIGH, NC BLANK0000025193  
0000025194 WRAZ D15 DT CP RALEIGH, NC BLANK0000025194  
0000025312 WHTN D16 DT CP MURFREESBORO, TN BLANK0000025312  
0000025385 WJHG-TV D16 DT CP PANAMA CITY, FL BLANK0000025385  
0000026121 WAPK-CD D16 DC CP BRISTOL VA/KINGSPORT, TN BLANK0000026121  
0000026640 WFXU D17 DT CP LIVE OAK, FL BLANK0000026640  
0000026976 WPXU-TV D16 DT CP JACKSONVILLE, NC BLANK0000026976  
0000027423 WPXA-TV D16 DT CP ROME, GA BLANK0000027423  
0000027489 WTKR D16 DT CP NORFOLK, VA BLANK0000027489  
0000027762 WTAT-TV D17 DT CP CHARLESTON, SC BLANK0000027762  
0000028035 WLTX D15 DT CP COLUMBIA, SC BLANK0000028035  
0000028373 WVEN-TV D15 DT CP DAYTONA BEACH, FL BLANK0000028373  
0000028626 WLGA D17 DT CP OPELIKA, AL BLANK0000028626  
10549 WRCF-CD D16 DC BL ORLANDO, FL DTVBL10549  
11113 WLGA D17 DT BL OPELIKA, AL DTVBL11113  
11117 WHTN D16 DT BL MURFREESBORO, TN DTVBL11117  
131 WVEN-TV D15 DT BL DAYTONA BEACH, FL DTVBL131  
21150 WDMA-CD D16 DC BL MACON, GA DTVBL21150  
2130 WZRA-CD D15 DC BL OLDSMAR, FL DTVBL2130  
22245 WFXU D17 DT BL LIVE OAK, FL DTVBL22245  
37971 WPXU-TV D16 DT BL JACKSONVILLE, NC DTVBL37971  
416 WTAT-TV D17 DT BL CHARLESTON, SC DTVBL416  
47401 WTKR D16 DT BL NORFOLK, VA DTVBL47401  
48662 WSAV-TV D16 DT BL SAVANNAH, GA DTVBL48662  
51969 WPXA-TV D16 DT BL ROME, GA DTVBL51969  
53921 WXII-TV D16 DT BL WINSTON-SALEM, NC DTVBL53921  
61008 WJPM-TV D16 DT BL FLORENCE, SC DTVBL61008  
64611 WRAZ D15 DT BL RALEIGH, NC DTVBL64611  
72300 WHNS D17 DT BL GREENVILLE, SC DTVBL72300  
73136 WJHG-TV D16 DT BL PANAMA CITY, FL DTVBL73136  
77677 WAPK-CD D16 DC BL BRISTOL VA/KINGSPORT, TN DTVBL77677  
8688 WRAL-TV D17 DT BL RALEIGH, NC DTVBL8688

Stations affected by proposal:

Call	Chan	Svc	Status	City, State	File Number	Distance
WCJB-TV	D16	DT	LIC	GAINESVILLE, FL	BLCDT20071119AJB	299.4 km
WAGT-CD	D16	DC	LIC	AUGUSTA, GA	BLANK0000001455	171.7
WGXA	D16	DT	LIC	MACON, GA	BLCDT20070501AAI	225.6
WPDE-TV	D16	DT	LIC	FLORENCE, SC	BLCDT20080815ABI	315.2
WGGs-TV	D16	DT	LIC	GREENVILLE, SC	BLCDT20130925AJI	336.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

# INTERFERENCE CAUSED ANALYSIS FOR WSAV-TV CHANNEL 16 FACILITY UNDER CURRENT ALLOCATION ENVIRONMENT

Record parameters as studied:

## Channel: D16

Latitude: 32 3 31.70 N (NAD83)  
Longitude: 81 17 54.40 W  
Height AMSL: 447.1 m  
HAAT: 442.0 m  
Peak ERP: 673 kW  
Antenna: Omnidirectional  
Elev Pattn: Generic  
Elec Tilt: 1.0

38.9 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	673 kW	439.6 m	110.6 km
45.0	673	442.1	110.8
90.0	673	443.0	110.9
135.0	673	445.5	111.1
180.0	673	444.5	111.0
225.0	673	444.0	110.9
270.0	673	440.5	110.6
315.0	673	440.3	110.6

Distance to Canadian border: 1073.4 km

Distance to Mexican border: 1660.3 km

Conditions at FCC monitoring station: Powder Springs GA  
Bearing: 303.0 degrees Distance: 377.1 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:  
Bearing: 299.4 degrees Distance: 2319.0 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%

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Interference to BLCDT20071119AJB LIC, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WCJB-TV	D16	DT	LIC	GAINESVILLE, FL	BLCDT20071119AJB	
Undesireds:	WSAV-TV	D16	DT	APP	SAVANNAH, GA	WSAVDT16CPPRE2	299.4 km
	WPBF	D16	DT	LIC	TEQUESTA, FL	BLANK0000001052	332.4
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
18645.0	977,492	18645.0	977,492	18641.0	977,286	18625.0 975,755	0.09 0.16
Undesired		Total IX		Unique IX, before		Unique IX, after	
WSAV-TV D16 DT APP		20.1	1,737			16.1 1,531	
WPBF D16 DT LIC		4.0	206	4.0	206	0.0 0	

# INTERFERENCE CAUSED ANALYSIS FOR WSAV-TV CHANNEL 16 FACILITY UNDER CURRENT ALLOCATION ENVIRONMENT

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Interference to BLANK0000001455 LIC, scenario 1

**\*\*IX: 0.73% interference**

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WAGT-CD	D16	DC	LIC	AUGUSTA, GA	BLANK0000001455	
Undesireds:	WSAV-TV	D16	DT	APP	SAVANNAH, GA	WSAVDT16CPPRE2	171.7 km
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	4328.6	489,470	4300.6	488,747	4300.6	488,747	4072.3 485,160 5.31 <b>0.73</b>
Undesired			Total IX		Unique IX, before	Unique IX, after	
WSAV-TV D16 DT APP		228.3	3,587		228.3	3,587	

(Note: The predicted interference is within the FCC's permitted temporary transitional pairwise interference level of 2%.)

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Interference to BLCDT20070501AAI LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WGXA	D16	DT	LIC	MACON, GA	BLCDT20070501AAI	
Undesireds:	WSAV-TV	D16	DT	APP	SAVANNAH, GA	WSAVDT16CPPRE2	225.6 km
	WRBL	D15	DT	LIC	COLUMBUS, GA	BLCDT20061013ABV	124.8
	WYGA-CD	D16	DC	LIC	ATLANTA, GA	BLDTL20090904ABS	133.3
	WAGT-CD	D16	DC	LIC	AUGUSTA, GA	BLANK0000001455	163.2
	WYBU-CD	D16	DC	LIC	COLUMBUS, GA	BLDTA20091228ACN	143.6
	WELF-TV	D16	DT	LIC	DALTON, GA	BLCDT20130610ACF	287.4
	WGGS-TV	D16	DT	LIC	GREENVILLE, SC	BLCDT20130925AJI	265.6
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	21666.9	759,936	21606.8	759,406	21290.7	752,120	21073.7 750,301 1.02 <b>0.24</b>
Undesired			Total IX		Unique IX, before	Unique IX, after	
WSAV-TV D16 DT APP		308.9	3,664		217.0	1,819	
WRBL D15 DT LIC		108.6	836		84.5	583	
WYGA-CD D16 DC LIC		55.8	4,261		43.8	4,056	
WAGT-CD D16 DC LIC		4.0	1		0.0	0	
WYBU-CD D16 DC LIC		48.2	201		24.1	67	
WELF-TV D16 DT LIC		16.0	260		0.0	0	
WGGS-TV D16 DT LIC		135.6	2,327		111.6	1,980	

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Interference to BLCDT20080815ABI LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WPDE-TV	D16	DT	LIC	FLORENCE, SC	BLCDT20080815ABI	
Undesireds:	WSAV-TV	D16	DT	APP	SAVANNAH, GA	WSAVDT16CPPRE2	315.2 km
	WAGT-CD	D16	DC	LIC	AUGUSTA, GA	BLANK0000001455	268.5
	WGGS-TV	D16	DT	LIC	GREENVILLE, SC	BLCDT20130925AJI	288.8
	WHRO-TV	D16	DT	LIC	HAMPTON-NORFOLK, VA	BLEDT20090701AFO	372.7
	WNCN	D17	DT	LIC	GOLDSBORO, NC	BMLCDT20140925AEP	162.6
	WLTX	D17	DT	LIC	COLUMBIA, SC	BLCDT20050701AAC	135.1
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	40190.4	1,764,645	40086.3	1,762,758	39120.7	1,722,527	39116.7 1,722,527 0.01 <b>0.00</b>
Undesired			Total IX		Unique IX, before	Unique IX, after	
WSAV-TV D16 DT APP		127.9	2,961		4.0	0	
WAGT-CD D16 DC LIC		4.0	5		0.0	0	
WGGS-TV D16 DT LIC		545.3	9,061		285.7	2,432	
WHRO-TV D16 DT LIC		16.0	1,295		0.0	0	
WNCN D17 DT LIC		276.4	24,155		260.4	22,860	
WLTX D17 DT LIC		403.5	13,644		143.8	7,015	

# INTERFERENCE CAUSED ANALYSIS FOR WSAV-TV CHANNEL 16 FACILITY UNDER CURRENT ALLOCATION ENVIRONMENT

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Interference to BLCDDT20130925AJI LIC, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WGGS-TV	D16	DT	LIC	GREENVILLE, SC	BLCDDT20130925AJI	
Undesireds:	WSAV-TV	D16	DT	APP	SAVANNAH, GA	WSAVDT16CPPRE2	336.5 km
	WYGA-CD	D16	DC	LIC	ATLANTA, GA	BLDTL20090904ABS	222.8
	WAGT-CD	D16	DC	LIC	AUGUSTA, GA	BLANK0000001455	166.7
	WELF-TV	D16	DT	LIC	DALTON, GA	BLCDDT20130610ACF	274.5
	WGXA	D16	DT	LIC	MACON, GA	BLCDDT20070501AAI	265.6
	WPDE-TV	D16	DT	LIC	FLORENCE, SC	BLCDDT20080815ABI	288.8
	WUNE-TV	D17	DT	LIC	LINVILLE, NC	BLEDT20091118ADR	135.0

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
30017.9 2,163,321	27719.3 1,941,947	27262.4 1,929,203	27262.4 1,929,203	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WSAV-TV D16 DT APP	28.0 102	0.0 0	
WYGA-CD D16 DC LIC	12.0 0	4.0 0	
WAGT-CD D16 DC LIC	36.0 1,562	16.1 1,493	8.1 1,441
WELF-TV D16 DT LIC	36.0 205	12.0 159	12.0 159
WGXA D16 DT LIC	211.4 2,205	167.4 2,182	163.4 2,170
WPDE-TV D16 DT LIC	100.6 1,401	88.5 1,398	84.5 1,381
WUNE-TV D17 DT LIC	120.9 7,443	112.9 7,440	112.9 7,440

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INTERFERENCE RECEIVED ANALYSIS FOR WSAV-TV CHANNEL 16  
FACILITY UNDER CURRENT ALLOCATION ENVIRONMENT

tvstudy v2.2.3 (Dxtpx3)

Database: localhost  
Station Data: LMS TV 2017-10-03 (32)  
Study: LMS\_IX\_Chk  
Model: Longley-Rice  
Scenario: wsav\_1

Desired station	Service area		Terrain-limited		Interference-free	
Undesired station	Total interference		Unique interference			
WSAV-TV D16 DT CP SAVANNAH, GA	38617.5	987,095	38609.5	987,073	38014.4	977,720
WAGT-CD D16 DC LIC AUGUSTA, GA	128.3	803	32.0	51	(0.01%)	
WGXA D16 DT LIC MACON, GA	555.0	9,269	462.8	8,534	(0.86%)	
WPDE-TV D16 DT LIC FLORENCE, SC	4.0	3	0.0	0	(0.00%)	
WGGS-TV D16 DT LIC GREENVILLE, SC	36.1	82	0.0	0	(0.00%)	

(Note: The predicted interference from WGXA is within the FCC’s permitted temporary transitional pairwise interference level of 2%.)

## **VENDOR LETTERS**



Dielectric. LLC  
22 Tower Road  
Raymond, ME 04071  
1-800-341-9678

Nexstar Broadcasting  
545 E. John Carpenter Fwy.  
Irving, TX 75062  
Attn: Brett Jenkins,  
Vice President, Engineering

Re: WSAV-TV SAVANNAH, GA - Repack Transition

October 27, 2017

Mr. Jenkins,

It is Dielectric's understanding that WSAV is requesting FCC authorization to transition from Channel 39 to repacked Channel 16, earlier than its assigned Phase 7.

This letter is to confirm that efforts by Dielectric to complete equipment for WSAV's earlier transition will not impair Dielectric's ability to construct and supply equipment for other early phase stations to complete their transition during their assigned phases.

Kindest regards,

Christine Zuba

Christine Zuba  
National Sales

Cc: Jay Martin, VP Sales





**ROHDE & SCHWARZ**

Rohde & Schwarz USA, Inc.  
6821 Benjamin Franklin Drive  
Columbia, MD 21046-2265

November 2, 2017

WSAV  
Mr. Brett E. Jenkins  
Senior Vice President, Chief Technology Officer

Subject: Earlier Transition Impact on Rohde & Schwarz

Project: WSAV

Dear Mr. Brett E. Jenkins,

Rohde & Schwarz USA is aware that NexStar, station WSAV is in the process of requesting a waiver and/or Special Temporary Authorization to perform the transition of WSAV to an earlier Phase.

This letter is to confirm that the earlier transition of WSAV will not impair the ability of Rohde & Schwarz to provide the required transmitter and resources to early phase stations to complete their own transitions.

You, NexStar, and your staff at WSAV are permitted to share this letter with the FCC, as required.

Sincerely,

Erik Balladares  
Vice President – Broadcast & Media