



**STATEMENT OF JOHN E. HIDLE, P.E.
IN SUPPORT OF AN APPLICATION FOR
POST REPACK CONSTRUCTION PERMIT
WRLH-TV - RICHMOND, VIRGINIA
DTV - CH. 24 - 765 kW - 328 m HAAT**

Prepared for: WRLH LICENSEE, LLC

I am a Consulting Engineer, an employee in the firm of Carl T. Jones Corporation, with offices located in Springfield, Virginia. My education and experience are a matter of record with the Federal Communications Commission. I am a Licensed Professional Engineer in the Commonwealth of Virginia, License No. 7418, and in the State of New York, License No. 63418.

GENERAL

This office has been authorized by WRLH LICENSEE, LLC, licensee of WRLH-TV, channel 26, facility ID number 412, licensed to Richmond, Virginia, to prepare this statement, FCC Form 2100, Schedule A, its technical sections, and the associated exhibits in support of an application for construction permit, in accordance with the Incentive Auction Closing and Channel Reassignment Public Notice, DA 17-314, and the technical information provided in the confidential reassignment letter from the FCC announcing the substitution of DTV channel 24 for DTV channel 26 to be used by WRLH-TV for its post-reassignment broadcasting.

NON-DIRECTIONAL ANTENNA

The applicant proposes to continue to use its existing shared Dielectric model TUD-O5-14/70H-1-B horizontally polarized omni-directional transmitting antenna with its center of radiation located at a height above ground of 284.8 meters, and a height above average terrain of 328 meters. The existing antenna is currently shared with WRIC-TV, new channel 28, and WCVW, new channel 29, both licensed to Richmond, Virginia. The antenna manufacturer's vertical plane elevation radiation pattern, illustrating the antenna's radiation characteristics above and below the horizontal plane is shown in Exhibit 2 and tabulated in Exhibit 3.

PREDICTED COVERAGE CONTOURS

The predicted coverage contours were calculated in accordance with the method described in Section 73.625(b) of the Rules, utilizing the appropriate F(50,90) propagation curves (47 CFR Section 73.699, Figure 9), proposed Effective Radiated Power, and antenna height above average terrain as determined for each profile radial. The average terrain on the eight cardinal radials from 3 kilometers to 16 kilometers from the site, was determined using the NED Three Second US Terrain Database as permitted in the FCC Rules. The antenna site elevation and coordinates were determined from FCC antenna registration data. Exhibit 1 shows the predicted Noise Limited (39.76 dBu) contour, and the principal community (48 dBu) contour. The 48 dBu contour completely encompasses the principal community of license, Richmond, Virginia.

ALLOCATION CONSIDERATIONS

Post-Transition DTV Considerations

A study was performed, using the FCC's software, tv_study, v. 2.2.2, to determine if the instant application for construction permit is predicted to cause new prohibited interference to post reassignment DTV stations, construction permits, DTV allotments or Class A DTV stations. The study results, shown in Appendix B, indicate that the instant application for construction permit is predicted to cause no new interference exceeding 0.5% to the populations served by any post reassignment DTV station, construction permit, allotment or Class A DTV stations. The study also shows that WRLH-TV's proposed service area is within the baseline plus 1%. (See Appendix B)

International DTV Considerations

The WRLH-TV site is located more than 500 kilometers from the nearest points on either the US-Canadian border or the US-Mexican border, therefore no international coordination is necessary.

BLANKETING AND INTERMODULATION INTERFERENCE

Other broadcast and non-broadcast facilities are either co-located with, or located within 10 km of the proposed WRLH-TV site. The applicant does recognize its responsibility to remedy complaints of interference that might result from this proposal in accordance with applicable Rules.

RADIO_FREQUENCY IMPACT

The FCC's guidelines and procedures for evaluating environmental effects of radio frequency (RF) emissions are generally based on recommendations by the National Council on Radiation Protection and Measurements (NCRP) in NCRP Report No. 86 (1986) and by the American National Standards Institute and the Institute of Electrical and Electronic Engineers, LLC (IEEE) in ANSI/IEEE C95.1-1992 (IEEE C95.1-1991). The guidelines define a maximum permissible exposure (MPE) level for occupational or "controlled" situations, and for "uncontrolled" environments that apply in all other cases that might affect the general public. The FCC Office of Engineering and Technology's technical bulletin No. 65 entitled, "Evaluating Compliance with FCC Guidelines for Human Exposure to Radio Frequency Electromagnetic Fields" (Edition 97-01, August 1997), provides assistance to determine whether FCC-regulated transmitting facilities, operations or devices comply with guidelines for human exposure to radio frequency electromagnetic fields as adopted by the Commission in 1996. OET Bulletin No. 65 contains the technical information necessary to evaluate compliance with the FCC's policies and guidelines.

The Maximum Permitted Exposure (MPE) level for broadcast facilities that operate on a frequency between 30 MHz and 300 MHz is 0.2 milliwatts per centimeter squared (mW/cm^2) for an "uncontrolled" environment, and is 1.0 milliwatts per centimeter squared (mW/cm^2) for a "controlled" environment. The MPE level for broadcast facilities that operate on a frequency between 300 MHz and 1500 MHz, primarily UHF TV stations, is determined for an "uncontrolled" environment by dividing the operating frequency in MHz by 1500, and is similarly determined for a "controlled" environment by dividing the operating

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frequency in MHZ by 300.

The predicted emissions of WRLH-TV must be considered, in addition to predicted emissions from any other proposed or existing stations at the site. For WRLH-TV, which will operate on television Channel 24 (530-536 MHZ), the MPE is 355.3 microwatts per centimeter squared ($\mu\text{W}/\text{cm}^2$) in an "uncontrolled" environment and 1,776.7 $\mu\text{W}/\text{cm}^2$ in a "controlled" environment. The proposed WRLH-TV facility will operate with a maximum ERP of 765 kW from an horizontally polarized non-directional transmitting antenna with a centerline height of 284.8 meters above ground level (AGL). Considering a predicted vertical plane relative field factor of 0.300 the WRLH-TV facility is predicted to produce a power density at two meters above ground level of 28.762 $\mu\text{W}/\text{cm}^2$, which is 8.09% of the FCC guideline value for an "uncontrolled" environment, and 1.62% of the FCC's guideline value for "controlled" environments. There are four other full-power DTV station, six LPTV stations and three FM stations that are located at the WRLH-TV site. The total estimated percentage of the ANSI value at the proposed site, including the cumulative radiation from all authorizations located within the relevant proximity, is 40.63% of the limit applicable to "uncontrolled" environments, and 8.13% of the limit for "controlled" environments. (See Appendix A)

OCCUPATIONAL SAFETY

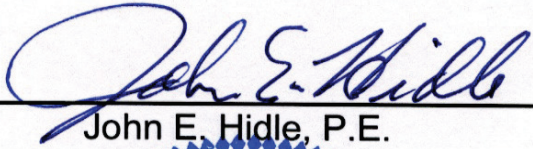
The licensee of WRLH-TV is committed to the protection of station personnel and/or tower contractors working in the vicinity of the WRLH-TV antenna, and is committed to reducing power or ceasing operation during times of maintenance of the transmission systems, when necessary, to ensure protection to personnel.

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SUMMARY

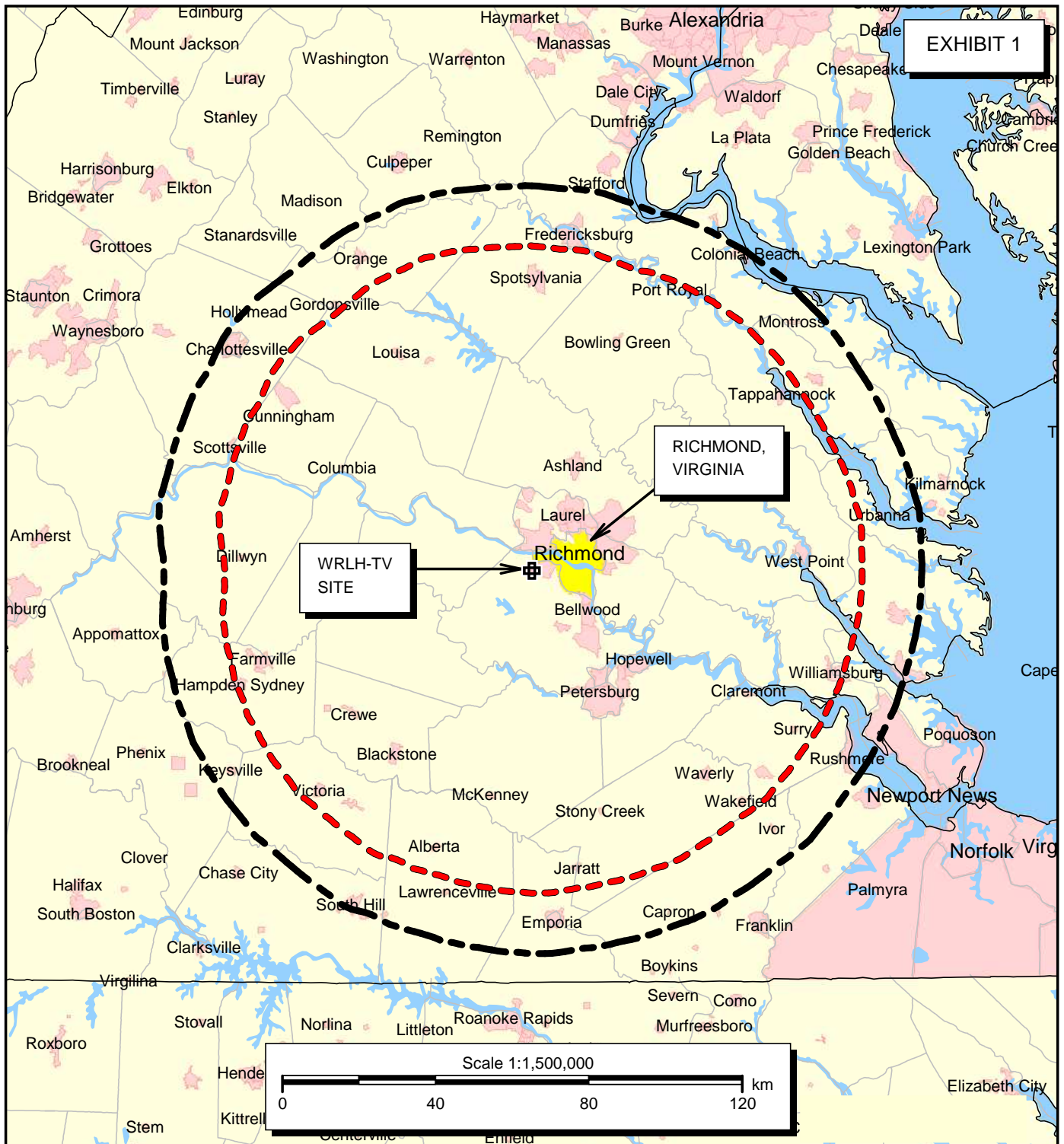
It is submitted that the instant application for construction permit to change WRLH-TV from channel 26 to channel 24, as described herein, complies with the Rules, Regulations and relevant Policies of the Federal Communications Commission. This statement, FCC Form 2100, its technical sections, and the attached exhibits were prepared by me or under my direct supervision and are believed to be true and correct to the best of my knowledge and belief.

DATED: June 6, 2017



John E. Hidle, P.E.


The seal is circular with a blue border. The outer ring contains the text "COMMONWEALTH OF VIRGINIA" at the top and "PROFESSIONAL ENGINEER" at the bottom. The center of the seal contains the text "J E HIDLE" and "Lic. No. 007418".



PREDICTED COVERAGE CONTOURS

WRLH-TV - RICHMOND, VIRGINIA
DTV Channel 24 - 765 kW ERP - 328 M HAAT
JUNE, 2017

Predicted Noise Limited 39.76 dBu
 F(50,90) Coverage Contour

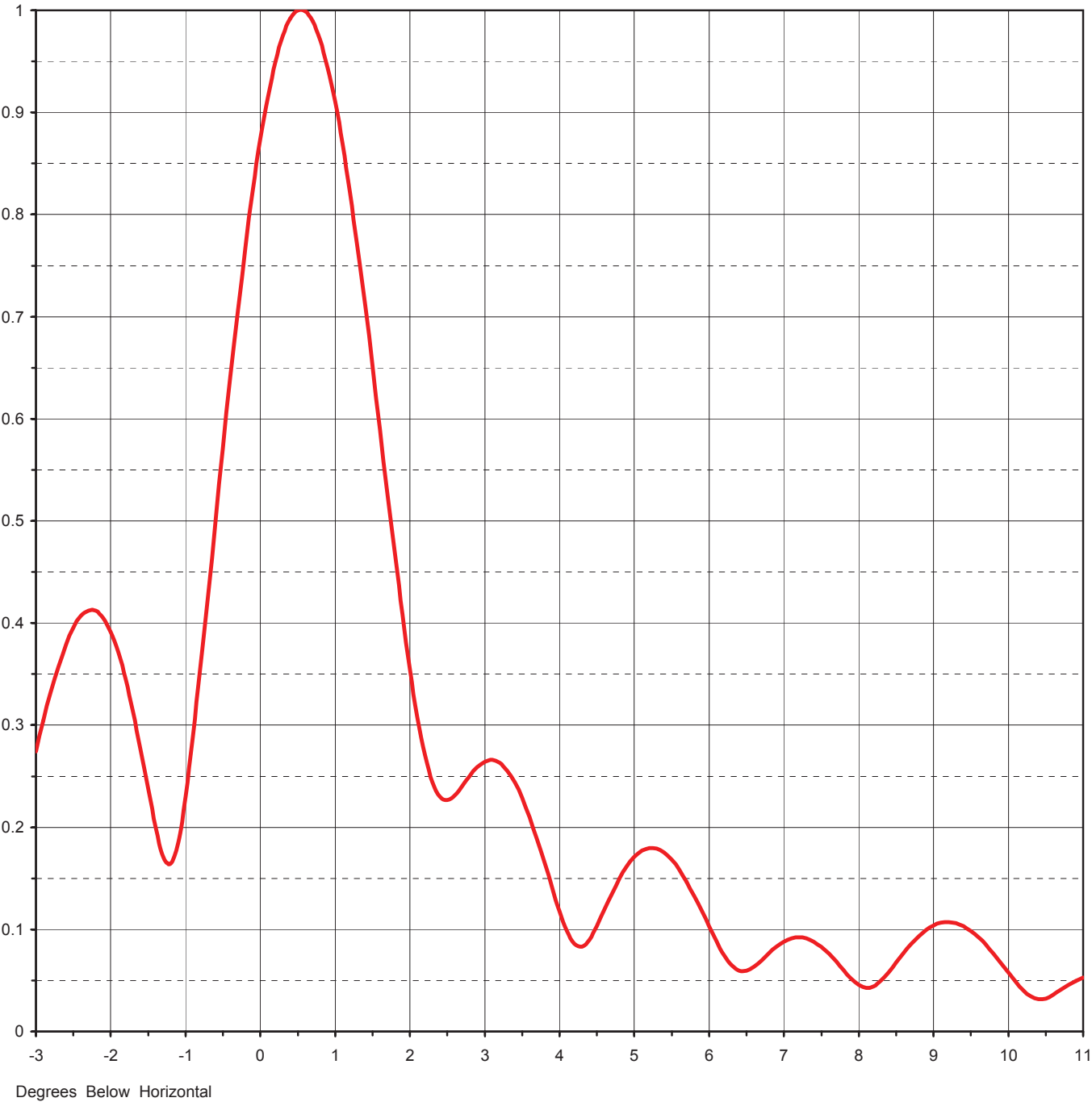


Predicted Principal Community 48 dBu
 F(50,90) Coverage Contour

Proposal Number	DCA-9505		
Date	31-Jul-01		
Call Letters	WRLH-DT	Channel	26
Location	Richmond, VA		
Customer			
Antenna Type	TUD-O5-14/70H-1-B		

ELEVATION PATTERN

RMS Gain at Main Lobe	26.70 (14.27 dB)	Beam Tilt	0.50 deg
RMS Gain at Horizontal	20.40 (13.10 dB)	Frequency	545.00 MHz
Calculated / Measured	Calculated	Drawing #	14U267050-545B



Proposal Number **DCA-9505**Date **31-Jul-01**Call Letters **WRLH-DT** Channel **26**Location **Richmond, VA**

Customer

Antenna Type **TUD-O5-14/70H-1-B****TABULATION OF ELEVATION PATTERN**Elevation Pattern Drawing #: **14U267050-545B-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.090	2.4	0.230	10.6	0.032	30.5	0.043	51.0	0.028	71.5	0.109
-9.5	0.059	2.6	0.231	10.8	0.041	31.0	0.023	51.5	0.023	72.0	0.115
-9.0	0.037	2.8	0.250	11.0	0.050	31.5	0.020	52.0	0.015	72.5	0.119
-8.5	0.059	3.0	0.264	11.5	0.053	32.0	0.023	52.5	0.011	73.0	0.119
-8.0	0.056	3.2	0.263	12.0	0.031	32.5	0.021	53.0	0.014	73.5	0.117
-7.5	0.045	3.4	0.244	12.5	0.043	33.0	0.013	53.5	0.017	74.0	0.113
-7.0	0.098	3.6	0.210	13.0	0.072	33.5	0.009	54.0	0.017	74.5	0.108
-6.5	0.148	3.8	0.165	13.5	0.075	34.0	0.016	54.5	0.014	75.0	0.101
-6.0	0.147	4.0	0.118	14.0	0.050	34.5	0.022	55.0	0.012	75.5	0.094
-5.5	0.094	4.2	0.086	14.5	0.024	35.0	0.021	55.5	0.017	76.0	0.085
-5.0	0.054	4.4	0.090	15.0	0.035	35.5	0.015	56.0	0.026	76.5	0.077
-4.5	0.079	4.6	0.119	15.5	0.038	36.0	0.009	56.5	0.034	77.0	0.069
-4.0	0.066	4.8	0.150	16.0	0.023	36.5	0.013	57.0	0.038	77.5	0.060
-3.5	0.119	5.0	0.171	16.5	0.034	37.0	0.016	57.5	0.038	78.0	0.053
-3.0	0.274	5.2	0.180	17.0	0.057	37.5	0.014	58.0	0.034	78.5	0.046
-2.8	0.333	5.4	0.175	17.5	0.061	38.0	0.009	58.5	0.027	79.0	0.040
-2.6	0.379	5.6	0.159	18.0	0.043	38.5	0.013	59.0	0.018	79.5	0.034
-2.4	0.407	5.8	0.133	18.5	0.022	39.0	0.021	59.5	0.013	80.0	0.029
-2.2	0.412	6.0	0.103	19.0	0.028	39.5	0.025	60.0	0.014	80.5	0.025
-2.0	0.391	6.2	0.075	19.5	0.032	40.0	0.023	60.5	0.017	81.0	0.022
-1.8	0.345	6.4	0.060	20.0	0.022	40.5	0.015	61.0	0.017	81.5	0.019
-1.6	0.276	6.6	0.063	20.5	0.030	41.0	0.009	61.5	0.015	82.0	0.018
-1.4	0.200	6.8	0.077	21.0	0.054	41.5	0.012	62.0	0.013	82.5	0.016
-1.2	0.164	7.0	0.088	21.5	0.063	42.0	0.016	62.5	0.017	83.0	0.016
-1.0	0.230	7.2	0.092	22.0	0.052	42.5	0.015	63.0	0.028	83.5	0.015
-0.8	0.357	7.4	0.088	22.5	0.028	43.0	0.010	63.5	0.041	84.0	0.015
-0.6	0.500	7.6	0.076	23.0	0.019	43.5	0.011	64.0	0.054	84.5	0.015
-0.4	0.641	7.8	0.060	23.5	0.024	44.0	0.019	64.5	0.065	85.0	0.015
-0.2	0.769	8.0	0.046	24.0	0.018	44.5	0.026	65.0	0.071	85.5	0.014
0.0	0.873	8.2	0.044	24.5	0.027	45.0	0.027	65.5	0.073	86.0	0.014
0.2	0.949	8.4	0.058	25.0	0.057	45.5	0.022	66.0	0.069	86.5	0.014
0.4	0.992	8.6	0.077	25.5	0.079	46.0	0.014	66.5	0.062	87.0	0.014
0.6	0.999	8.8	0.093	26.0	0.080	46.5	0.009	67.0	0.050	87.5	0.013
0.8	0.971	9.0	0.104	26.5	0.058	47.0	0.013	67.5	0.037	88.0	0.013
1.0	0.910	9.2	0.107	27.0	0.027	47.5	0.016	68.0	0.027	88.5	0.013
1.2	0.821	9.4	0.103	27.5	0.048	48.0	0.015	68.5	0.027	89.0	0.013
1.4	0.711	9.6	0.092	28.0	0.086	48.5	0.011	69.0	0.040	89.5	0.012
1.6	0.590	9.8	0.085	28.5	0.108	49.0	0.010	69.5	0.056	90.0	0.012
1.8	0.467	10.0	0.067	29.0	0.109	49.5	0.018	70.0	0.072		
2.0	0.355	10.2	0.049	29.5	0.095	50.0	0.026	70.5	0.087		
2.2	0.271	10.4	0.034	30.0	0.069	50.5	0.030	71.0	0.099		

SUMMARY OF RADIOFREQUENCY

RADIATION STUDY

WRLH-TV, Richmond, VA

Channel 24, 765 kW, 328m HAAT

June, 2017

CALL	SERVICE	CHANNEL	FREQUENCY	POLAR- IZATION	ANTENNA HEIGHT	ERP (kW)	VERT. RELATIVE FIELD FACTOR	WORST-CASE PREDICTED POWER DENSITY ($\mu\text{W}/\text{cm}^2$)	FCC UNCONTROLLED LIMIT ($\mu\text{W}/\text{cm}^2$)	PERCENT OF UNCONTROLLED LIMIT
WRLH-TV	DT	24	533	H	284.8	765.000	0.300	28.762	355.33	8.09%
WXOB-LP (CP)	DT	17	491	H	266.7	150.000	0.300	6.437	327.33	1.97%
WRIC-TV	DT	28	557	H	284.7	971.000	0.300	36.533	371.33	9.84%
WTVR-TV	DT	23	527	H	303.3	392.000	0.300	12.984	351.33	3.70%
WWBK-LD (CP)	DT	28	557	H	220	15.000	0.300	0.949	371.33	0.26%
WUDJ-LD (APP)	DT	35	599	H	220	15.000	0.300	0.949	399.33	0.24%
WFWG-LD (APP)	DT	38	617	H	220	15.000	0.300	0.949	411.33	0.23%
WCVE-TV	DT	22	521	H	303.3	106.000	0.300	3.511	347.33	1.01%
WCVV	DT	29	563	H	285	83.300	0.300	3.127	375.33	0.83%
WZTD-LD	DT	45	659	H	150.9	15.000	0.300	2.034	439.33	0.46%
WRID-LD	DT	48	677	H	303	15.000	0.300	0.498	451.33	0.11%
W203CB	FM	203	88.5	H & V	116	0.008	1.000	0.041	200.00	0.02%
WCVE-FM	FM	205	88.9	H & V	258	10.000	1.000	10.196	200.00	5.10%
WBTJ	FM	293	106.5	H & V	237	14.500	1.000	17.544	200.00	8.77%

TOTAL PERCENTAGE OF FCC GUIDELINE VALUE =

40.63%

* For television stations a very conservative vertical relative field factor of 0.3 was assumed pursuant to OET Bulletin 65.



WRLH-TV - RICHMOND, VIRGINIA Longley-Rice Interference Analysis

tvstudy v2.2.2

Database: localhost, Study: WRLH_24_328H_394C_765K, Model: Longley-Rice
Start: 2017.06.06 10:59:17

Study created: 2017.06.06 10:59:12

Study build station data: LMS TV 2017-06-02 (13)

Proposal: WRLH-TV D24 DT LIC RICHMOND, VA
File number: WRLH_24_328H_394C_765K
Facility ID: 412
Station data: User record
Record ID: 538
Country: U.S.
Zone: I

Non-U.S. records included

Stations potentially affected:

Call	Chan	Svc	Status	City, State	File Number	Distance
WHAG-TV	D23	DT	BL	HAGERSTOWN, MD	DTVBL25045	241.0 km
WITD-CD	D23	DC	LIC	CHESAPEAKE, VA	BLANK0000001500	123.4
WTVR-TV	D23	DT	BL	RICHMOND, VA	DTVBL57832	0.0
WDPB	D24	DT	BL	SEAFORD, DE	DTVBL72335	215.4
WCNC-TV	D24	DT	BL	CHARLOTTE, NC	DTVBL32326	399.7
WUBX-CD	D24	DC	BL	DURHAM, ETC., NC	DTVBL70423	197.6
WWAY	D24	DT	BL	WILMINGTON, NC	DTVBL12033	379.5
WTAJ-TV	D24	DT	BL	ALTOONA, PA	DTVBL23341	347.1
WPHA-CD	D24	DC	LIC	PHILADELPHIA, PA	BLDTA20130920ADK	347.8
WVAH-TV	D24	DT	BL	CHARLESTON, WV	DTVBL417	389.9
WNUV	D25	DT	BL	BALTIMORE, MD	DTVBL7933	219.0
WUNK-TV	D25	DT	BL	GREENVILLE, NC	DTVBL69149	217.8

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
Latitude: 37 30 45.60 N (NAD83)
Longitude: 77 36 4.80 W
Height AMSL: 393.9 m
HAAT: 327.7 m
Peak ERP: 765 kW
Antenna: Omnidirectional

39.8 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	765 kW	333.3 m	100.4 km
45.0	765	329.0	100.0
90.0	765	342.7	101.2
135.0	765	335.5	100.6

Appendix B - Interference Analysis
WRLH-TV - Richmond, Virginia
Channel 24 - 765 kW - Page 2

180.0	765	325.6	99.7
225.0	765	324.4	99.5
270.0	765	291.0	95.9
315.0	765	336.4	100.6

Database HAAT does not agree with computed HAAT
 Database HAAT: 328 m Computed HAAT: 327 m

Proposal service area is within baseline plus 1.0%
 Proposal service area population is more than 95.0% of baseline

Distance to Canadian border: 582.1 km

Distance to Mexican border: 2224.3 km

Conditions at FCC monitoring station: Laurel MD
 Bearing: 20.1 degrees Distance: 195.9 km
 ERP: 765 kW Field strength: 29.0 dBu, 0.0 mV/m

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
 Bearing: 285.6 degrees Distance: 2399.9 km

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 DTVBL25045 BL, scenario 1
 Proposal causes no interference.

 Interference to BLANK0000001500 LIC, scenario 1
 Proposal causes no interference.

 Interference to DTVBL57832 BL, scenario 1
 Proposal causes no interference.

 Interference to DTVBL72335 BL, scenario 1
 Proposal causes no interference.

 Interference to DTVBL32326 BL, scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WCNC-TV	D24	DT	BL	CHARLOTTE, NC	DTVBL32326	
Undesireds:	WRLH-TV	D24	DT	BL	RICHMOND, VA	DTVBL412	399.7 km
	WRLH-TV	D24	DT	LIC	RICHMOND, VA	WRLH_24_328H_394C_765K	399.7
	WBTB	D23	DT	LIC	CHARLOTTE, NC	BLCDT19991025AEB	2.4
	WAPW-CD	D23	DC	BL	ABINGDON, ETC., VA	DTVBL77676	175.9
	WGTA	D24	DT	LIC	TOCCOA, GA	BLANK0000001315	216.5
	WUBX-CD	D24	DC	BL	DURHAM, ETC., NC	DTVBL70423	220.8
	WWAY	D24	DT	BL	WILMINGTON, NC	DTVBL12033	304.1
	WETP-TV	D24	DT	BL	SNEEDVILLE, TN	DTVBL18252	214.4

Appendix B - Interference Analysis
WRLH-TV - Richmond, Virginia
Channel 24 - 765 kW - Page 3

WVAH-TV	D24	DT	BL	CHARLESTON, WV	DTVBL417	346.4
WJZY	D25	DT	BL	BELMONT, NC	DTVBL73152	2.2
WZRB	D25	DT	BL	COLUMBIA, SC	DTVBL136750	145.7
WLFB	D25	DT	BL	BLUEFIELD, WV	DTVBL37806	208.3

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
39315.5 3,823,187	37751.6 3,748,097	36571.4 3,682,205	36567.3 3,682,175	0.01 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WRLH-TV D24 DT BL	12.0 1,644	0.0 0	
WRLH-TV D24 DT LIC	20.1 2,466		4.0 30
WBTW D23 DT LIC	500.4 36,979	319.6 25,570	319.6 25,570
WGTA D24 DT LIC	31.8 508	19.9 475	19.9 475
WWAY D24 DT BL	376.1 12,962	364.0 11,318	360.0 10,526
WETP-TV D24 DT BL	15.9 33	4.0 0	4.0 0
WJZY D25 DT BL	436.8 26,696	256.0 15,287	256.0 15,287
WZRB D25 DT BL	12.0 156	12.0 156	12.0 156

Interference to DTVBL70423 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WUBX-CD	D24	DC	BL	DURHAM, ETC., NC	DTVBL70423	
Undesireds:	WRLH-TV	D24	DT	BL	RICHMOND, VA	DTVBL412	197.6 km
	WRLH-TV	D24	DT	LIC	RICHMOND, VA	WRLH_24_328H_394C_765K	197.6
	WARZ-CD	D23	DC	BL	SMITHFIELD-SELMA, NC	DTVBL71089	53.7
	WCNC-TV	D24	DT	BL	CHARLOTTE, NC	DTVBL32326	220.8
	WWAY	D24	DT	BL	WILMINGTON, NC	DTVBL12033	224.2

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
1036.3 535,095	1036.3 535,095	1016.2 516,225	1016.2 516,225	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WRLH-TV D24 DT BL	8.0 3,971	8.0 3,971	
WRLH-TV D24 DT LIC	16.1 13,646		8.0 3,971
WCNC-TV D24 DT BL	4.0 5,499	0.0 0	0.0 0
WWAY D24 DT BL	12.1 14,899	8.0 9,400	4.0 5,224

Interference to DTVBL12033 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL23341 BL, scenario 1

Desired:	Call	Chan	Svc	Status	City, State	File Number	Distance
	WTAJ-TV	D24	DT	BL	ALTOONA, PA	DTVBL23341	
Undesireds:	WRLH-TV	D24	DT	BL	RICHMOND, VA	DTVBL412	347.2 km
	WRLH-TV	D24	DT	LIC	RICHMOND, VA	WRLH_24_328H_394C_765K	347.1
	WHAG-TV	D23	DT	BL	HAGERSTOWN, MD	DTVBL25045	108.4
	WMJF-CD	D23	DC	BL	TOWSON, MD	DTVBL191262	203.1
	WPXI	D23	DT	BL	PITTSBURGH, PA	DTVBL73910	132.5
	WDPB	D24	DT	BL	SEAFORD, DE	DTVBL72335	322.3
	WPXJ-TV	D24	DT	BL	BATAVIA, NY	DTVBL2325	261.2
	WNYE-TV	D24	DT	LIC	NEW YORK, NY	BLEDT20071228ABM	376.2
	WONO-CD	D24	DC	BL	SYRACUSE, ETC., NY	DTVBL14315	334.9
	WEAO	D24	DT	BL	AKRON, OH	DTVBL49421	274.5
	W24DB-D	D24z	DC	LIC	CLARKS SUMMIT, PA	BLANK0000004543	247.2
	W24BB-D	D24	DC	LIC	EAST STROUDSBURG, PA	BLANK0000001453	252.4

Appendix B - Interference Analysis
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WPHA-CD	D24	DC	LIC	PHILADELPHIA, PA	BLDTA20130920ADK	277.9
KDKA-TV	D25	DT	LIC	PITTSBURGH, PA	BLCDT20041004ACS	133.5

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
28621.4 1,079,351	23930.0 875,021	23464.1 859,574	23464.1 859,574	0.00 0.00

Undesired	Total IX	Unique IX, before	Unique IX, after
WRLH-TV D24 DT BL 76.6	2,472	44.4 1,058	
WRLH-TV D24 DT LIC 76.6	2,472	44.4 1,058	
WHAG-TV D23 DT BL 220.9	10,995	188.7 9,581	
WPXI D23 DT BL 56.0	1,359	20.0 289	
WPXJ-TV D24 DT BL 12.1	15	8.1 0	
WNYE-TV D24 DT LIC 4.0	0	4.0 0	
WEAO D24 DT BL 92.6	1,527	68.5 950	
KDKA-TV D25 DT LIC 96.1	2,140	52.0 862	

Interference to BLDTA20130920ADK LIC, scenario 1
Proposal causes no interference.

Interference to DTVBL417 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL7933 BL, scenario 1
Proposal causes no interference.

Interference to DTVBL69149 BL, scenario 1
Proposal causes no interference.

Interference to proposal, scenario 1

Call	Chan	Svc	Status	City, State	File Number	Distance
Desired: WRLH-TV	D24	DT	LIC	RICHMOND, VA	WRLH_24_328H_394C_765K	
Undesireds: WITD-CD	D23	DC	LIC	CHESAPEAKE, VA	BLANK0000001500	123.4 km
WTVR-TV	D23	DT	BL	RICHMOND, VA	DTVBL57832	0.0
WDPB	D24	DT	BL	SEAFORD, DE	DTVBL72335	215.4
WUBX-CD	D24	DC	BL	DURHAM, ETC., NC	DTVBL70423	197.6
WWAY	D24	DT	BL	WILMINGTON, NC	DTVBL12033	379.5
WTAJ-TV	D24	DT	BL	ALTOONA, PA	DTVBL23341	347.1
WPHA-CD	D24	DC	LIC	PHILADELPHIA, PA	BLDTA20130920ADK	347.8
WVAH-TV	D24	DT	BL	CHARLESTON, WV	DTVBL417	389.9

Service area	Terrain-limited	IX-free	Percent IX
31313.8 1,950,292	30885.7 1,898,241	30829.6 1,897,676	0.18 0.03

Undesired	Total IX	Unique IX	Prcnt Unique IX
WTVR-TV D23 DT BL 4.0	42	4.0 42	0.01 0.00
WDPB D24 DT BL 4.0	60	0.0 0	0.00 0.00
WWAY D24 DT BL 4.0	0	4.0 0	0.01 0.00
WTAJ-TV D24 DT BL 48.2	523	44.2 463	0.14 0.02