

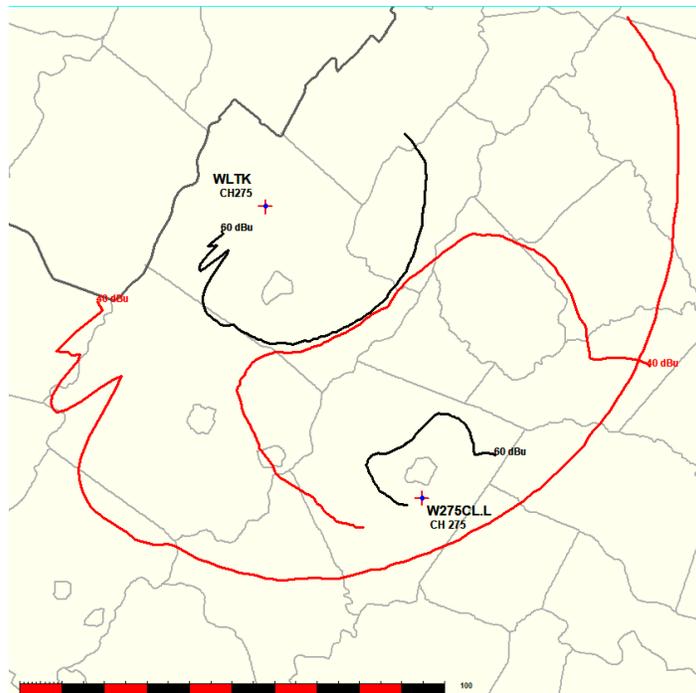
# 47 C.F.R. Section 74.1233(a)(1) "Showing of Reduced Interference"

# Present Operation W275CL.L - Charlottesville, VA

Pursuant to 47 C.F.R. Section 74.1233(a)(1)(i)(A)(2), this showing of reduced interference to or from any other broadcast station as a remedial change to a same-band frequency has been demonstrated for W275CL.L - Charlottesville, VA (Facility ID: 141162). *Given the presence of 47 C.F.R. Section 74.1204(d) Second and Third Adjacent Channel Given Interference Waiver Requests, this showing has been made solely with regard to incoming (received) interference contour clearance to the nearest co-channel or first adjacent channel protection.* The present W275CL.L operation results in -28.7 km of predicted contour overlap toward its nearest and most severe co-channel allocation protection (see attached **Present Operation Study**). The proposed CH296D.P operation results in -5.6 km of predicted contour overlap toward its nearest and most severe co-channel allocation protection (see attached **Proposed Operation Study**). As a result, the potential for predicted interference will be reduced for this remedial same-band frequency change.

REFERENCE	CH#	Tidewater Communications, LLC							DISPLAY DATES							
37 59 06.50 N.	275D	-	102.9	MHz,	Pwr=	0.12	kW	DA,	HAAT=	0.0	M,	COR=	475	M	DATA	10-14-21
78 28 47.00 W.					Average Protected F(50-50)=	5.9	km		Standard Directional						SEARCH	10-14-21
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR (kW)	INT (km)	PRO (km)	*IN*	*OUT*					
CITY	STATE	<--	FILE #	LNG	HAAT (M)	COR (M)	LICENSEE	(Overlap in km)								
275D	W275CL	LIC DCN	0.0	0.00	37 59 06.50	0.120	---	Reference---								
Charlottesville	VA	0.0	BLFT20170630AAT	78 28 47.00	475	Tidewater Communications,										
274C1	WJXX	RSV-A	201.0	77.74	37 19 55.52	100.000	103.8	70.8	-29.4*	1.7						
Appomattox	VA	20.9		78 47 44.03	299	511										
275A	WLTK	LIC_CN	332.1	78.49	38 36 30.40	2.050	92.5	34.1	-28.7*	0.7						
New Market	VA	151.9	BMLED20170103ABU	78 54 08.00	169	670	Educational Media Foundati									
274B	WJXX	LIC_CN	219.1	73.80	37 28 07.50	22.000	78.9	65.6	-7.5*	0.0						
Appomattox	VA	38.8	BLH19890602KC	79 00 26.00	227	439	Ihm Licenses, LLC									
276A	WJMA	LIC ZCN	37.5	70.13	38 29 04.50	6.000	37.7	24.4	12.6	17.4						
Culpeper	VA	217.8	BLH20090826AAF	77 59 21.00	86	210	Piedmont Communications, I									
275D	W275BQ	LIC_CN	106.8	90.39	37 44 46.50	0.250	38.2	11.2	31.3	13.0						
Ashland	VA	287.4	BLFT20110525AAL	77 29 42.90	97	150	Stu-Comm, Inc.									

Terrain database is NED 03 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM  
 In & Out distances between contours are shown at closest points. Reference zone= East Zone, Co to 1st adjacent.  
 All separation margins (if shown) include rounding.  
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtillt(Y,N,X)  
 "\*"affixed to 'IN' or 'OUT' values = site inside restricted contour.



# 47 C.F.R. Section 74.1233(a)(1) "Showing of Reduced Interference"

# Proposed Operation CH296D.P - Charlottesville, VA

Pursuant to 47 C.F.R. Section 74.1233(a)(1)(i)(A)(2), this showing of reduced interference to or from any other broadcast station as a remedial change to a same-band frequency has been demonstrated for W275CL.L - Charlottesville, VA (Facility ID: 141162). *Given the presence of 47 C.F.R. Section 74.1204(d) Second and Third Adjacent Channel Given Interference Waiver Requests, this showing has been made solely with regard to incoming (received) interference contour clearance to the nearest co-channel or first adjacent channel protection.* The present W275CL.L operation results in -28.7 km of predicted contour overlap toward its nearest and most severe co-channel allocation protection (see attached **Present Operation Study**). The proposed CH296D.P operation results in -5.6 km of predicted contour overlap toward its nearest and most severe co-channel allocation protection (see attached **Proposed Operation Study**). As a result, the potential for predicted interference will be reduced for this remedial same-band frequency change.

Tidewater Communications, Llc

REFERENCE	CH# 296D - 107.1 MHz, Pwr= 0.25 kW DA, HAAT= 320.1 M, COR= 474.7 M	DISPLAY DATES
37 59 06.40 N.	Average Protected F(50-50)= 23.28 km	DATA 10-14-21
78 28 47.40 W.	Standard Directional	SEARCH 10-14-21

CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR (kW)	INT (km)	PRO (km)	*IN*	*OUT*
CITY	STATE		<--	FILE #	LNG	HAAT (M)	COR (M)	LICENSEE	(Overlap in km)		
296A	WTTX-FM	LIC_CN		204.7	74.96	37 22 19.50	1.700	72.1	23.6	-5.6	27.0
Appomattox	VA	VA		24.5	BMLED20060112AEE	78 50 05.00	130	341	Positive	Alternative	Radio
296A	WHFV	LIC NCN		345.6	58.73	38 29 48.30	0.330	37.0	10.8	2.3	0.6
Shenandoah	VA	VA		165.5	BLED20141031AAS	78 38 51.10	-65	393	Holy Family	Communications	
296A	WCHG	LIC_CN		273.0	114.08	38 01 53.40	0.160	85.3	28.5	22.0	64.1
Hot Springs	VA	VA		92.2	BMLED20110527AAF	79 46 51.10	429	1076	Pocahontas	Communications	
297A	WBBT-FM	LIC NCN		127.8	86.66	37 30 16.50	1.400	42.8	28.0	23.1	29.0
Powhatan	VA	VA		308.3	BMLED20180102AAL	77 42 13.00	207	282	Vpm Media	Corporation	
295D	W295CP	LIC DCN		324.3	64.04	38 27 08.40	0.250	23.8	16.7	24.3	30.6
Harrisonburg	VA	VA		144.1	0000116935	78 54 31.10		561	Tidewater	Communications,	
297B	WLWV	LIC_CN		48.2	162.41	38 57 01.40	19.500	75.7	64.0	63.6	53.7
Washington	DC	DC		229.1	BMLED20190214AAS	77 04 45.90	246	320	Educational	Media Foundati	

Terrain database is NED 03 SEC , R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM  
 In & Out distances between contours are shown at closest points. Reference zone= East Zone, Co to 1st adjacent.  
 All separation margins (if shown) include rounding.  
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, \_= Omni), Polarization (C,H,V,E), Beamtillt(Y,N,X)

