

CHANNEL STUDY

VINTON, VIRGINIA TRANSLATOR W275CD

CHANNEL STUDY

REFERENCE
37 20 48.0 N.
80 02 08.0 W.

CH# 275D - 102.9 MHz, Pwr= 0.025 kW, HAAT= 230.0 M, COR= 694 M
Average Protected F(50-50)= 11.14 km
Omni-directional

DISPLAY DATES
DATA 01-02-16
SEARCH 01-20-16

CH CITY	CALL	TYPE STATE	ANT	AZI <--	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
275D W275CD Vinton		CP _C_ VA		184.2 4.2	12.75 BMPFT20140909ADN	37 13 56.0 80 02 46.0	0.048	42.9 607	12.9 Virginia Tech Foundation,	-43.2*	-43.7*
273A WBZS Shawsville		LIC ZCX VA		212.4 32.3	19.96 BLH20130913ADG	37 11 42.0 80 09 23.0	0.150 591	0.6 1167	27.8 George S. Flinn, Jr.	6.2	-8.2*
274C1 WJJX Appomattox		RSV-A _N VA		90.5 271.2	109.59	37 19 55.0 78 47 45.0	100.000 299	102.3 506	70.0 Capstar Tx, Lic	-5.9	20.1
274B WJJX Appomattox		LIC _CN VA		81.2 261.8	91.79 BLH19890602KC	37 28 07.0 79 00 27.0	22.000 227	75.7 439	64.1 Capstar Tx, Lic	3.1	0.5
276B1 WRON-FM Lewisburg		LIC ZCN WV		320.0 139.7	65.65 BLH20000626AFN	37 47 54.0 80 30 56.0	3.300 273	50.9 924	38.9 Radio Greenbrier, Lic	5.6	10.8
272D W272DI Roanoke		CP _C_ VA		109.9 290.0	20.90 BNPFT20130816ABD	37 16 57.0 79 48 48.0	0.010 182	0.2 542	8.3 Wvjt, Lic	6.8	12.1
275A WKQB Pocahontas		LIC NCX VA		262.9 82.2	108.83 BLH20110523AFW	37 13 12.0 81 15 20.0	0.100 454	76.2 1278	24.3 West Virginia - Virginia M	24.6	69.4
277C1 WAKG Danville		LIC _CN VA		139.2 319.6	88.70 BLH19900904KB	36 44 28.0 79 23 05.0	100.000 199	7.9 410	62.2 Piedmont Broadcasting Corp	66.7	26.1
278D W278AJ Blacksburg		LIC _CN VA		245.9 65.6	43.29 BLFT19980519TH	37 11 12.0 80 28 54.0	0.065 134	0.6 745	10.2 Cumulus Licensing Lic	30.8	31.0
278D W278BF Covington		LIC DC_ VA		10.3 190.3	50.44 BLFT20120213AAV	37 47 35.0 79 55 59.0	0.016 311	0.3 877	7.2 Wvjt, Lic	39.6	39.4

Terrain database is NGDC 30 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 3rd 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), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside restricted contour.