

Allocation Study
New Translator
Channel 233D – 94.5 MHz
0.250 kW ERP (DA) – 396 m COR AMSL
Granite Falls, North Carolina
March 2018

Searching from Proposed Site

REFERENCE
35 47 02.0 N.
81 24 34.0 W.

CH# 233D - 94.5 MHz, Pwr= 0.25 kW DA, HAAT= 0.0 M, COR= 396 M
Average Protected F(50-50)= 7.1 km
Standard Directional

DISPLAY DATES
DATA 03-02-18
SEARCH 03-02-18

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
233C Greenville	WGTV-FM	LIC	CX SC	224.4 43.8	130.48 BLH20080425ABD	34 56 29.0 82 24 41.0	100.000 454	187.8 760	84.3 Caron Broadcasting, Inc.	-64.7*	25.4
233C1 Eden	WPTI	LIC	DE NC	64.7 245.6	148.70 BMLH20010514AAN	36 20 48.0 79 54 30.0	100.000 299	168.1 522	70.3 Clear Channel Broadcasting	-32.2*	38.7
233C1 Eden	WPTI	LIC	DEX NC	64.8 245.7	148.76 BLH20150227ABY	36 20 42.0 79 54 24.0	100.000 299	167.8 519	70.0 Clear Channel Broadcasting	-31.9*	39.0
236C Charlotte	WNKS	LIC	CX NC	153.8 334.0	52.21 BMLH20140821ABZ	35 21 44.0 81 09 19.0	100.000 470	12.1 707	82.9 Wpow License Limited Partn	28.0	-31.7*
233D Granite Falls	1772457!	APP	DC NC	0.0 0.0	0.00 BNPFT20170801ABZ	35 47 02.0 81 24 34.0	0.250	22.5 396	6.7 Freedom Broadcasting Corpo	-29.3	-29.3
231C1 Lexington	WWLV	CP	NCX NC	104.1 284.4	59.81 BPH20131212AII	35 39 05.0 80 46 02.0	53.000 355	9.1 603	69.0 Educational Media Foundati	39.1	-10.3*
234D Lenoir	1772522	APP	DC NC	249.3 69.2	19.21 BNPFT20170726ATV	35 43 22.0 81 36 31.0	0.200	13.9 668	7.8 Foothills Radio Group, Lic	0.5	3.4
232D Boone	W232CW	CP	DC NC	332.6 152.4	56.26 BPFT20170718ADC	36 13 58.0 81 41 54.0	0.065	27.1 1450	18.0 Eastern Airwaves, Lic	23.0	29.9
231C Lexington	WWLV	LIC	DCX NC	81.3 261.9	101.64 BMLED20170407AAN	35 55 02.0 80 17 37.0	100.000 309	10.4 543	73.7 Educational Media Foundati	77.9	26.8
287C1 Gaffney	WOSF	LIC	CX SC	156.6 336.7	50.74 BLH20100429ADK	35 21 51.0 81 11 13.0	51.000 395	134.5 644	50.6 Gaffney Broadcasting, Lic	21.5R	29.2M
234L1 Mooresville	WLYT-LP	LIC		116.3 296.6	52.74 BLL20170118ABS	35 34 22.0 80 53 11.0	0.100 24	274	Bespoke Broadcasting	33.2	30.5
234D Boone	W234CF	LIC	C NC	332.4 152.2	56.63 BLFT20170113AAK	36 14 06.0 81 42 07.0	0.004	13.8 1448	9.3 Isothermal Community Colle	36.7	39.0
232D Boone	W232CW	LIC	DH NC	332.6 152.4	56.26 BLFT20160224AAE	36 13 58.0 81 41 54.0	0.045	2.0 1450	1.2 Eastern Airwaves, Lic	48.2	39.5
230C Marion	WMEV-FM	LIC	DEX VA	354.5 174.5	124.78 BLH20060512AAB	36 54 04.0 81 32 35.0	100.000 452	11.7 1187	80.8 Bristol Broadcasting Compa	106.3	42.1
234D Charlotte	W234BY	LIC	DC NC	143.3 323.6	80.97 BLFT20160921ABX	35 11 56.0 80 52 36.0	0.250	20.0 327	13.3 Beasley Media Group Li cens	48.6	49.2

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 3rd
adjacent.

All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.
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.

< = Station meets FCC minimum distance spacing for its class.

Reference station has protected zone issue: AM tower