

**Allocation Study**  
**New FM Translator**  
Channel 269D – 101.7 MHz  
0.250 kW ERP – 173 m COR AMSL  
Wadesboro, North Carolina  
November 2017

Searching from Proposed Site

REFERENCE  
34 57 09.0 N.  
80 03 00.0 W.

CH# 269D - 101.7 MHz, Pwr= 0.25 kW, HAAT= 0.0 M,  
Average Protected F(50-50)= 7.1 km  
Omni-directional

COR= 173 M

DISPLAY DATES  
DATA 11-21-17  
SEARCH 11-21-17

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*
269D Wadesboro	1762145!	APP	C NC	0.0 0.0	0.00 BNPFT20170802ACI	34 57 09.0 80 03 00.0	0.250	42.1 173	12.2 New Life Community Temple	-54.3	-54.3
270CO Gastonia	WBAV-FM	LIC	CY NC	285.9 105.2	115.82 BLH19880129KD	35 13 57.0 81 16 35.0	100.000 301	107.1 552	73.8 Wk's License Limited Partn	-2.2	26.4
272A Pageland	WGSP-FM	LIC	NCX SC	260.4 80.2	35.09 BLH20071001BMH	34 53 57.0 80 25 46.0	2.550 156	2.7 321	30.9 Norsan Media Group Of Sout	22.9	3.2
268C Raleigh	WRAL	LIC	C NC	59.2 240.1	159.22 BMLH20040903ABQ	35 40 35.0 78 32 08.0	100.000 555	133.8 646	89.6 Wral -fm, Inc.	13.9	53.9
268L1 Albemarle	WABZ-LP	LIC	C NC	345.3 165.2	46.04 BLL20170403AAG	35 21 10.8 80 10 45.0	0.100 30	183	Valley View Radio	24.0	19.8
216A Rockingham	WRSH	LIC	C NC	90.5 270.7	30.58 BLED19950302KC	34 56 59.0 79 42 52.0	0.340 49	19.7 148	3.6 Richmond County Board Of E	9.5R	21.1M
269D Florence	1762278	APP	C SC	164.8 344.9	84.58 BNPFT20170731AAY	34 13 05.4 79 48 29.8	0.250	41.6 130	12.1 Cumulus Licensing Lic	31.9	36.8
267C Sumter	WWDM	LIC	DEN SC	210.2 29.8	115.74 BMLH19980925KB	34 03 04.0 80 40 55.0	100.000 403	11.8 471	81.5 Alpha Media Licensee Lic	95.0	33.1
216A Society Hill	WEBK	LIC	DE SC	164.3 344.4	47.98 BLED20141121AJN	34 32 13.0 79 54 29.0	5.800 64	19.7 117	3.6 Richburg Educational Broad	9.5R	38.5M
266CO Burlington	WYMY	LIC	CX NC	26.5 206.9	122.59 BMLH20140908AEE	35 56 15.0 79 26 30.0	100.000 359	10.8 551	75.4 Carolina Radio Group, Inc.	100.2	46.0

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)  
< = Station meets FCC minimum distance spacing for its class.  
Reference station has protected zone issue: AM tower