

**Allocation Study**  
**Translator W270AS**  
Channel 270D – 101.9 MHz  
0.250 kW ERP (DA) – 418.4 m COR AMSL  
Villa Rica, Georgia  
March 2024

Searching from Proposed Site

REFERENCE  
33 42 52.9 N.  
84 57 10.5 W.

CH# 270D - 101.9 MHz, Pwr= 0.25 kw DA, HAAT= 79.3 M, COR= 418.4 M  
Average Protected F(50-50)= 11.5 km  
Standard Directional

DISPLAY DATES  
DATA 02-29-24  
SEARCH 03-01-24

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*
270D Carrollton	W270AS!	LIC	CN GA	199.8 19.7	17.67 BLFT20101209AJH	33 33 54.40 85 01 02.80	0.010 177	482	---Reference--- Radio Training Network, In		
268C0 Marietta	WKHX-FM	LIC	CN GA	79.5 259.9	57.63 BLH20050228ADF	33 48 26.40 84 20 21.70	100.000 329	10.9 612	75.9 Radio License Holdings	37.5	-18.8*
271D Dallas	W271DK	LIC	DCN GA	32.4 212.5	25.43 0000158928	33 54 27.70 84 48 18.20	0.250	19.2 435	10.8 word Christian Broadcastin	-0.2	2.3
270D Rome	W270CE	LIC	DCN GA	343.5 163.5	33.54 BLFT20170213AAE	34 00 14.40 85 03 21.80	0.240	23.3 381	7.0 Radio By Grace, Inc.	2.5	0.4
270C0 Montgomery	WHHY-FM	LIC	CN AL	218.8 38.1	186.18 BMLH20070402ADP	32 24 13.50 86 11 46.90	100.000 334	172.7 397	72.9 Cumulus Licensing LLC	0.6	70.5
270L1 Atlanta	WATB-LP	LIC	CN GA	88.9 269.1	38.15 BLL20180601ABN	33 43 14.70 84 32 25.40	0.100 8	279	9.2 New Times Culture And Educ		1.9
273A Mableton	WPZE	LIC	NCN GA	93.9 274.1	41.02 BLH20010906AAH	33 41 20.40 84 30 37.70	3.000 143	2.8 416	29.8 New Mableton Broadcasting	27.2	10.1
271L1 Fayetteville	WGAF-LP	LIC	CN GA	136.9 317.1	48.68 0000196810	33 23 39.00 84 35 41.40	0.038 48	314	29.7 Rock 10 4 U, Inc.		26.5
216C1 Atlanta	WREK	LIC	DCN GA	81.9 262.2	51.04 BLED20110920AAQ	33 46 41.40 84 24 21.70	100.000 102	12.8 384	58.8 Radio Communications Board	21.5R	29.5M
271D Atlanta	W271CV	LIC	DCN GA	86.3 266.7	54.93 BLFT20180111AEP	33 44 41.40 84 21 35.70	0.080	11.1 539	7.2 Immanuel Broadcasting Netw	33.6	30.3
270L1 Roswell	NEW	APP	CN GA	57.6 237.9	67.02 0000231710	34 02 10.20 84 20 19.40	0.100 -167	364	31.7 Christian Public Radio, In		31.6
270D Gadsden	W270DQ	LIC	CN AL	290.2 109.6	103.75 0000120601	34 01 54.70 86 00 36.00	0.250	59.8 380	19.3 Ihm Licenses, LLC	34.1	52.8

Terrain database is USGS 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.

Clearance to 2<sup>nd</sup> adjacent channel WKHX-FM is derived through the use of §74.1204(d).