

Allocation Study
Translator W249DA
Channel 249D – 97.7 MHz
0.250 kW ERP – 609.0 m COR AMSL
Crossville, Tennessee
May 2021

Searching from Proposed Site

REFERENCE CH# 249D - 97.7 MHz, Pwr= 0.25 kW, HAAT= 50.8 M, COR= 609 M DISPLAY DATES
 35 57 01.0 N. Average Protected F(50-50)= 9.4 km DATA 05-13-21
 85 02 09.0 W. Omni-directional SEARCH 05-13-21

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*
249D Crossville	W249DAI	LIC	DHN TN	36.0 216.0	9.82 BLFT20150427AFR	36 01 18.20 84 58 17.80	0.250	676	---Reference--- Peg Broadcasting, LLC		
248C Knoxville	WJXB-FM	LIC	CN TN	85.8 266.5	99.49 BLH19890928KC	36 00 36.20 83 55 56.60	100.000 395	115.2 706	77.7 Midwest Communications, Inc	-26.5*	6.5
249D Lookout Mountain	W249BR	LIC	DVN TN	195.0 14.8	108.20 BLFT20190221AAZ	35 00 35.20 85 20 35.80	0.250	76.9 665	24.6 Partners Media Investments	23.5	57.0
250A Englewood	AU9811083	VAC		149.6 329.8	77.12 RM11307	35 21 05.26 84 36 17.78	6.000 100	40.5 373	26.4 Englewood Wireless	26.0	37.7
251D Jamestown	W251CO	LIC	CN TN	9.1 189.1	53.46 0000116113	36 25 30.20 84 56 29.30	0.250	1.1 565	11.0 Baz Broadcasting Inc	40.7	37.2
250CO Nashville	WSIX-FM	LIC	CN TN	274.4 93.3	161.73 BMLH20050826ABB	36 02 50.20 86 49 48.00	100.000 349	111.8 550	76.2 Ihm Licenses, LLC	39.6	72.2
252A Sweetwater	WMTY-FM	LIC	CN TN	125.6 305.9	64.08 BMLH19930426KC	35 36 49.20 84 27 32.70	6.000 41	1.6 346	15.8 Horne Radio, LLC	51.3	45.2
247C2 South Pittsburg	WUUQ	LIC	CN TN	206.6 26.3	121.37 BMLH20131127AOS	34 58 22.30 85 37 57.90	16.000 261	6.2 558	58.0 Jackson Telecasters, Inc.	106.3	62.2
246C2 Somerset	WJQQ	LIC	CN KY	20.3 200.5	119.90 BLH19910219KB	36 57 40.20 84 34 06.70	27.500 201	5.9 491	52.5 Ihm Licenses, LLC	102.0	66.2
251A Signal Mountain	WLND	LIC	NCN TN	197.3 17.1	100.35 BLH20080304ABR	35 05 16.30 85 21 46.90	1.000 242	1.6 591	10.2 Entercom License, LLC	90.5	74.1

Terrain database is GLOBE 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. 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.
 Reference station has protected zone issue: AM tower