

Allocation Study
Translator W245BJ
 Seeks Channel 242D – 96.3 MHz
 0.250 kW ERP – 609 m COR AMSL
 Crossville, Tennessee
 January 2021

Searching from Proposed Site

REFERENCE
 35 57 01.0 N.
 85 02 09.0 W.

CH# 242D - 96.3 MHz, Pwr= 0.25 kW, HAAT= 50.8 M,
 Average Protected F(50-50)= 9.4 km
 Omni-directional

COR= 609 M

DISPLAY DATES
 DATA 01-04-21
 SEARCH 01-04-21

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*
242C1	WCJK	LIC	DCN	283.0	161.74	36 15 50.20	39.000	168.1	74.5	-16.3*	54.8
	Murfreesboro		TN	101.9	BLH20020514AAN	86 47 39.00	432	615	Midwest Communications, Inc.		
245D	W245BJ	LIC	CN	0.0	0.00	35 57 01.20	0.250		---Reference---		
	Crossville		TN	219.0	BLFT20110203ABJ	85 02 08.80	58	609	Peg Broadcasting, LLC		
240C2	WLQK	LIC	NCN	307.8	42.58	36 11 03.20	27.000	4.5	41.0	29.2	0.2
	Livingston		TN	127.5	BLH20120614AAD	85 24 39.90	204	570	Stonecom Cookeville, LLC		
243C0	WDOF-FM	LIC	DEN	196.3	91.33	35 09 41.30	100.000	81.7	54.7	2.1	24.0
	Chattanooga		TN	16.1	BLH20010222AAI	85 19 04.90	336	720	Wdod Of Chattanooga, Inc.		
295C2	WKXD-FM	LIC	ZCN	315.3	26.95	36 07 20.80	23.000	51.5	15.7	14.5R	12.5M
	Monterey		TN	135.2	BLH20131115AKU	85 14 48.40	220	723	Stonecom Cookeville, LLC		
245A	WLIV-FM	CP	CN	315.3	26.94	36 07 20.80	1.000	1.6	10.8	16.6	14.3
	Monterey		TN	135.2	0000102158	85 14 48.40	122	629	Stonecom Cookeville, LLC		
242A	WJBZ-FM	LIC	CN	90.3	119.98	35 56 17.30	2.900	86.0	30.4	22.9	55.6
	Seymour		TN	271.0	BLH19950320KB	83 42 10.60	146	451	M & M Broadcasting		
239A	WAYB-FM	LIC	ZCN	188.2	60.58	35 24 39.20	6.000	1.6	15.8	50.8	32.0
	Graysville		TN	8.2	BMLD20040920ACB	85 07 53.80	100	497	Family Worship Center Church		
241L1	WLNT-LP	LIC	CN	111.0	65.74	35 44 11.20	0.025		45.4	42.8	
	Loudon		TN	291.4	BLL20111201HUT	84 21 20.70	60	333	Community Radio Of Loudon		
241D	W241AF	LIC	DCN	195.0	108.29	35 00 33.00	0.250	40.5	25.7	59.8	71.6
	Rossville		GA	14.8	BLFT20120828ABA	85 20 39.00	378	673	Immanuel Broadcasting Network		
244A	WMYL	LIC	NCN	81.2	92.22	36 04 21.30	2.800	2.7	30.6	79.0	60.2
	Halls Crossroads		TN	261.8	BLH20090415AFC	84 01 17.70	149	465	M & M Broadcasting		
239A	WDKW	LIC	CN	98.0	92.11	35 49 52.30	6.000	2.9	30.2	78.0	60.8
	Maryville		TN	278.6	BMLH20160302AEL	84 01 25.70	98	380	Midwest Communications, Inc.		
245D	W245DZ	LIC	DCN	168.3	81.35	35 14 00.90	0.250	1.1	13.5	71.3	66.6
	Cleveland		TN	348.4	0000120612	84 51 16.20		350	Beverly Broadcasting Company		
242C3	WXKY	LIC	CN	4.8	175.61	37 31 27.30	4.900	96.9	36.8	67.3	101.5
	Stanford		KY	184.9	BMLD20040907ABM	84 52 11.80	223	542	Educational Media Foundation		
241C3	WKKQ	LIC	NCN	44.6	143.91	36 51 59.30	25.000	61.0	40.1	71.6	87.5
	Barbourville		KY	225.3	BMLH20190508AAW	83 53 58.70	100	458	Choice Radio Corporation		

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

Bromo Communications, Inc.