

Allocation Study
Translator W283AY
Channel 263D – 100.5 MHz
0.250 kW ERP (DA) – 359 m COR AMSL
Charlotte, North Carolina
June 2019

Searching from Proposed Site

REFERENCE		CH# 263D - 100.5 MHz, Pwr= 0.25 kW DA, HAAT= 157.1 M, COR= 359 M								DISPLAY DATES	
35 15 05.0 N.		Average Protected F(50-50)= 16.4 km								DATA	06-24-19
80 41 12.0 W.		Standard Directional								SEARCH	06-24-19
CH	CALL	TYPE	ANT	AZI.	DIST	LAT.	Pwr(kW)	INT(km)	PRO(km)	*IN*	*OUT*
CITY		STATE		<---	FILE #	LNG.	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)	
263D	W283AY	CP	DH	348.2	4.07	35 17 14.0	0.250			---	Reference---
Charlotte		NC		168.2	BMPFT20190418AAY	80 41 45.0		465	Rfpjy, Lic		
263CO	WSSL-FM	LIC	NCX	240.2	150.34	34 34 18.0	100.000	181.7	79.0	-35.2*	60.4
Gray Court		SC		59.4	BLH20050923AFT	82 06 44.0	381	587	Capstar Tx, Lic		
265A	WPZS	LIC	NCX	193.9	14.50	35 07 29.0	6.000	2.8	28.7	7.8	-14.3*
Indian Trail		NC		13.9	BLH20171013AGM	80 43 30.0	94	305	Radio One Of North Carolin		
262C	WMKS	LIC	CN	44.1	111.52	35 58 09.0	100.000	107.9	74.0	-13.7	11.6
High Point		NC		224.6	BLH19880805LB	79 49 29.0	316	554	Capstar Tx, Lic		
262D	W262BM	LIC	C	251.4	18.22	35 11 55.8	0.250	19.8	13.3	-5.6*	0.2
Charlotte		NC		71.2	BLFT20160316ABD	80 52 36.4		323	Educational Media Foundati		
261D	W261BZ	LIC	DC	10.4	17.70	35 24 29.0	0.250	1.1	11.3	0.0	4.3
Huntersville		NC		190.4	BLFT20151020AJQ	80 39 05.0		294	Radio Training Network, In		
210C1	WDAV	LIC	DCX	327.7	25.92	35 26 54.0	100.000	51.5	15.8	21.5R	4.4M
Davison		NC		147.6	BLE20130603AUH	80 50 23.0	246	474	The Trustees Of Davison C		
263C3	WQPD	LIC	ZCX	133.4	138.46	34 23 26.0	25.000	108.3	37.2	19.6	85.3
Marion		SC		314.0	BLH20021101ABR	79 35 25.0	100	122	Cumulus Licensing Lic		
263D	W263CP	CP	DC	315.3	102.86	35 54 25.0	0.250	68.9	22.6	19.7	38.2
Lenoir		NC		134.9	BPFT20170519ABC	81 29 22.0		690	Eastern Airwaves, Lic		
261D	W261DW	CP	DV	165.7	30.55	34 59 06.0	0.250	1.0	8.8	24.7	20.7
Monroe		NC		345.8	BNPFT20180418AHO	80 36 14.0		247	New Life Community Temple		
264D	W264CU	LIC	C	343.3	64.19	35 48 15.0	0.250	20.2	13.4	27.2	25.8
Statesville		NC		163.1	BLFT20181212AAA	80 53 30.0		369	Iredell Broadcasting, Inc.		
266D	W266DC	LIC	DC	267.9	53.64	35 13 56.0	0.220	0.9	17.7	45.2	35.2
Gastonia		NC		87.6	BLFT20161025ACG	81 16 37.0		488	Sn Radio, Lic		
261D	W261CY	LIC	C	217.2	47.68	34 54 33.0	0.085	0.6	11.1	43.0	36.5
Rock Hill		SC		37.0	BLFT20161121ADA	81 00 09.0		298	Our Three Sons Broadcastin		
261D	W261AP	LIC	C	267.9	53.61	35 13 57.0	0.007	0.2	8.6	45.9	45.0
Kings Mountain		NC		87.6	BLFT20070419AAL	81 16 36.0		482	Positive Alternative Radio		
263D	W263CP	LIC	DC	315.3	102.86	35 54 25.0	0.080	29.6	9.0	59.1	53.0
Lenoir		NC		134.9	BLFT20150611ABT	81 29 22.0		690	Eastern Airwaves, Lic		
265D	W265CT	LIC	C	314.6	74.82	35 43 20.0	0.250	1.1	11.4	59.7	62.2
Hickory		NC		134.2	BLFT20160920ADK	81 16 38.0		381	Radio Training Network, In		

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.