

CHANNEL STUDY

AM TRANSLATOR FOR WQSC, CHARLESTON, SOUTH CAROLINA

W243CO FROM ELLOREE, SC TO CHARLESTON, SC

CH# 253D - 98.5 MHz, Pwr= 0.24 kW, HAAT= 123.9 M, COR= 125 M

Average Protected F(50-50)= 14.14 km

Omni-directional

DISPLAY DATES

DATA 01-23-16

SEARCH 01-27-16

REFERENCE
32 49 16.0 N.
79 57 27.0 W.

CH CITY	CALL	TYPE STATE	ANT --	AZI <--	DIST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
251C2 Folly Beach	WYBB	CP NCX SC		113.7 293.7	6.15 BPH20131127ADJ	32 47 56.0 79 53 50.0	23.000 199	5.5 200	50.3 L. m. Communications	-13.5*	-45.2*
251C2 Folly Beach	WYBB	LIC_CN SC		207.4 27.3	19.43 BLH19880711KA	32 39 57.0 80 03 11.0	50.000 146	5.9 146	51.6 L. m. Communications	-0.6	-33.3*
254C1 Beaufort	WYKZ	LIC_C SC		239.5 58.9	106.94 BLH19990201KB	32 19 43.0 80 56 17.0	100.000 218	96.8 219	65.5 Capstar Tx, Lic	-4.0	20.1
253D Ridgville	W254BK	CP DC SC		315.9 135.6	59.13 BPFT20150915ADD	33 12 08.0 80 24 00.0	0.250	42.1 120	12.3 Palmetto Media Partners, L	3.1	-0.6
255C2 McClellanville	WWIK	LIC_CN SC		42.3 222.5	55.15 BLH19941005KA	33 11 15.0 79 33 31.0	50.000 150	6.0 157	52.7 98.9, Inc.	34.9	1.4
253C3 Pawleys Island	WDAI	LIC NC SC		44.4 224.9	120.29 BLH20030207ACI	33 35 27.0 79 02 55.0	6.100 203	101.4 204	39.2 Cumulus Licensing Lic	4.7	33.1
252C3 Summerton	WLJI	LIC NCX SC		340.2 160.0	105.84 BLH20081118ALH	33 42 58.0 80 20 44.0	16.000 100	55.0 142	35.6 Glory Communications, Inc.	36.9	49.1
254D Holly Hill	W254BK	LIC_C SC		324.0 143.8	73.91 BLFT20050629ACC	33 21 30.0 80 25 30.0	0.019 95	9.6 121	6.8 Palmetto Media Partners, L	50.4	46.1

Terrain database is NGDC 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.
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