

**MODIFY BPED-20120130ABA**  
**CAROLINA CHRISTIAN RADIO, INC.**  
**WWIL-FM RADIO STATION**  
**CH 213C3 - 90.5 MHz - 4.0 kW**  
**WILMINGTON, NORTH CAROLINA**  
**December 2012**

**EXHIBIT A1**

REFERENCE  
 34 14 37.0 N.  
 78 07 24.0 W.

Carolina Christian Radio, Inc.  
 CH# 213C3- 90.5 MHz, Pwr= 4 kW, HAAT= 189.0 M, COR= 198 M  
 Average Protected F(50-50)= 34.6 km  
 Omni-directional

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*
213C3 Wilmington	WWIL-FM	LIC	EX NC	133.1 313.1	10.17 BMLED20060522ACP	34 10 52.0 78 02 33.0	20.000 100	107.6 106	36.4 Carolina Christian Radio,	-132.2*	-119.7*
213C3 Dillon	WDLL	LIC	DVX SC	274.6 93.8	132.35 BLED20071002ABH	34 19 53.0 79 33 37.0	25.000 84	98.1 104	31.1 American Family Associatio	0.0<	8.6
267C2 Wilmington	WWQQ-FM«	LIC	CN NC	139.2 319.3	21.38 CONTINGENT APP	34 05 52.0 77 58 18.0	18.000 166	2.2 170	23.8 Cumulus Licensing Llc	17.0R	4.4M
267C2 Wilmington	WWQQ-FM«	LIC	CN NC	144.2 324.3	26.41 BLH19890825KC	34 03 02.0 77 57 20.0	40.000 166	2.2 169	23.8 Cumulus Licensing Llc	17.0R	9.4M
214A Bladenboro	WRDK	LIC	CX NC	298.6 118.2	71.46 BLED20110401ACV	34 32 59.0 78 48 30.0	0.160 58	13.2 92	9.4 Richburg Educational Bdcst	24.0	10.9
215C3 Magnolia	WGXO	LIC	DCX NC	15.7 195.8	60.95 BLED20110722AEG	34 46 17.0 77 56 35.0	8.000 105	3.1 121	31.4 Pathway Christian Academy,	23.1	26.4
210C2 Chadbourn	WZCO	CP	DVX NC	301.5 121.1	62.99 BNPED20071017AKC	34 32 17.0 78 42 36.0	25.000 113	3.1 139	31.5 Columbus County Schools	25.7	28.5

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM  
 Contour distances are on direct line to and from reference station. Reference Zone= - Zone 2, Co to 3rd adjacent.  
 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 protected contour.  
 « = Station meets FCC minimum distance spacing for its class.  
 < = Contour Overlap