

WRYN - Hickory, NC Interference Study CH# 206A - 89.1 MHz, Pwr= 0.85 kW, HAAT= 89.8 M, COR= 423 M Average Protected F(50-50)= 16.74 km Standard Directional												
REFERENCE											DISPLAY DATES	
35 41 23.0 N.											DATA	02-11-09
81 25 16.0 W.											SEARCH	02-13-09
CH CITY	CALL	TYPE	ANT STATE	AZI <--	DI ST FILE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*	
206A Hickory	WRYN	CP	DCN	59.4 239.4	9.5 BPED19980316MB	35 43 59.0 81 19 51.0	0.500 137	56.4 452	17.6 American Family Associati o	-64.7*	-66.3*	
206A Hickory	WRYN	APP	DCX	208.4 28.4	0.1 BMPED20081210AAK	35 41 20.0 81 25 18.0	0.800 93	59.1 426	18.3 American Family Associati o	-71.1*	-59.9*	
206C Roanoke	WVTF	LIC	_C_	33.7 214.5	202.5 BMLLED20020418AAL	37 11 56.0 80 09 02.0	100.000 600	183.9 1187	80.7 Virginia Tech Foundation,	0.3	62.6	
205C1 Rock Hill	WNCS-FM	LIC	_C_	158.7 339.0	101.2 BMLLED20060215AAK	34 50 23.0 81 01 07.0	100.000 183	91.9 359	61.8 South Carolina Educational	1.1	27.9	
204C Spindale	WNCW	LIC	DE_	273.9 93.4	78.5 BLED19981104KA	35 44 06.0 82 17 11.0	17.000 923	3.8 2022	69.1 Isothermal Community Colle	64.9	7.8	
208C Johnson City	WETS-FM	LIC	_C_	322.4 142.0	104.7 BMLLED20060802ATX	36 26 02.0 82 08 08.0	66.000 692	12.3 1318	88.8 East Tennessee State Unive	76.6	14.2	
203C1 Winston-salem	WFDD	LIC	_CN	75.7 256.4	105.0 BLED19940929KB	35 55 02.0 80 17 37.0	60.000 285	8.7 518	66.8 Wake Forest Uni versi ty	78.6	36.6	
207C1 Greenville	WLFJ-FM	LIC	DEN	227.5 46.9	122.6 BLED19830512AP	34 56 26.0 82 24 44.0	41.000 335	71.2 643	47.7 Radio Training Network, In	38.9	56.5	
206C2 Southern Pines	1214727	APP	ZVX	100.0 281.1	169.9 BNPED20071019AMZ	35 24 38.0 79 34 42.0	40.000 109	117.1 247	39.4 Highland Baptist Church	39.5	85.4	
206A Troy	1212990	APP	DCX	109.8 290.8	155.7 BNPED20071022AZU	35 12 17.4 79 48 42.2	6.000 86	85.8 221	28.0 Asheboro Sda Church	58.0	87.2	
259C1 Kannapolis	WRFX	LIC	DCX	124.1 304.5	79.5 BMLH20081103AAM	35 17 14.0 80 41 45.0	84.000 322	0.0 522	0.0 Capstar Tx Limited Partner	21.5R	58.0M	
207A Winston-salem	WBFJ-FM	LIC	DCN	66.3 247.0	115.1 BLED19940825KA	36 05 56.0 80 15 00.0	2.500 129	36.8 388	24.5 Triad Family Network, Inc.	60.2	63.9	
206C3 Candor	1210438	APP	DVX	104.4 285.4	163.7 BNPED20071015AGF	35 18 42.0 79 40 39.0	8.500 111	87.8 280	29.2 Oscar Aguero Mi ni stry	63.3	91.8	
06-1C Blufield	WVVA	CP	_HN	6.9 187.1	175.1 BPCT20010725ADN	37 15 21.0 81 10 55.0	50.100 374	14.1 1162	95.2 Wvva Televi sion, Inc.	210.5R	65.9M	
06-1C Blufield	WVVA	LI	_HN	6.9 187.1	175.1 BMLCT19880907KE	37 15 21.0 81 10 55.0	50.100 372	14.1 1157	94.7 Wvva Televi sion, Inc.	210.5R	66.3M	
206A Mount Gilead	1211369	APP	DCX	111.5 292.4	146.8 BNPED20071022BHC	35 11 47.3 79 55 13.0	3.000 58	66.6 171	19.3 Calvary Broadcasting, Inc.	68.5	87.6	
06Z2C Knoxville	WATE-TV	LI	_HY	279.5 98.0	230.5 BMLCT20041203AEH	36 00 13.0 83 56 34.0	100.000 548	7.9 859	126.3 Wate, G.p.	210.5R	96.3M	

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 = 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.
 "<" = Contour Overlap