

**WYRN-AM Prop. Translator BNPFT-20170802ACS CH. 273D 102.5 MHz 36 06 46N-78 16 50W ERP 250w (H/V)
SITE EL 250 Ft (76.2m) USGS 7.5 CR 150 Ft (45.7m) RCAMSL 400 Ft (121.9 m)**

**R. Morgan Burrow, Jr., P.E., Everett, PA
10 December 2017**

CALL SIGN	CHANNEL NUMBER	COORDS, D,M,S N D,M,S W	DIST FROM WYRN KM	BR FROM WYRN DEG	BR TO WYRN DEG	ERP TO WYRN KW	HAAT TO WYRN M	RC AMSL M	RC AGL M	TO WYRN DIST TO PC	HAAT FROM WYRN M	FROM WYRN CLEAR TO PC KM	WYRN IX CONTOUR KM F(50,10)	IX CLEAR TO PC KM
WIKS	270 C1	35 12 07 77 11 15	141.45	135.40	316.04	100/100 ND	298.0	308.0	299.0	72.227	32.3	63.173	100 dBu 1.109	62.064
NEW BERN, NC														
WKRP-LP	270 L1	35 50 26 78 33 33	39.29	219.72	39.56	0.1/0.1 ND	12.5	96.0	7.0	5.636	29.4	33.654	100 dBu 1.109	32.545
RALEIGH NC														
WKSK	270A	36 44 39 78 09 42	70.87	8.58	188.65	6.0/5.7 DA (3.782)	47.7	199.0	83.0	17.846	24.4	53.024	100 dBu 1.109	51.915
SOUTH HILL VA														
WJMH	271C0	36 16 33 79 56 26	150.40	277.43	96.45	99.0/99.0 ND	361.9	600.0	321.0	76.852	27.5	73.548	100 dBu 1.109	72.439
REIDSVILLE NC														
W271BT	271D	35 57 18 77 53 04	39.76	116.11	296.34	0.019 ND	84.8	143.0	95.0	16.891	22.3	22.869	100 dBu 1.109	21.760
ROCKY MT NC														
WPTM	272A	36 30 13 77 44 20	65.17	48.00	228.32	6.0/6.0 ND	83.8	166.0	88.5	26.030	23.5	39.140	54 dBu 10.149	28.991
ROAN RAPID NC														
WKJO	272A	35 34 43 78 26 10	60.91	193.33	13.24	2.6/2.6 ND	149.5	221.3	149.4	27.923	43.7	32.987	54 dBu 12.101	20.886
SMITHFIELD NC														
WIOZ	273A	35 09 04 79 28 40	152.13	225.69	44.99	3.4/3.4 ND	132.3	258.0	110.0	28.108	31.2	124.022	40 dBu 24.176	99.846
SOUTH PNS NC														
WPLW	273A	36 06 13 78 57 57	61.71	269.25	88.85	1.5/1.5 ND	245.0	350.2	149.4	31.139	29.1	30.571	40 dBu 23.758	6.813
HILLSBORO NC														
WAJA-LP	273L1	35 54 10 77 46 57	50.59	117.38	297.68	0.076/0.076 ND	21.5	68.0	30.0	5.257	21.4	45.333	40 dBu 23.758	21.575
ROCKY MT NC														
W274AK	274D	35 46 02 77 52 52	52.62	136.78	317.01	0.038/0.038 ND	72.1	112.6	73.0	6.823	32.5	45.797	54 dBu 10.504	35.293
WILSON NC														
W274AZ	274D	36 26 45 77 39 51	66.58	55.99	236.35	0.25/0.25 ND	18.6	95.0	57.0	7.089	20.2	59.491	54 dBu 10.504	49.342
ROAN RAPID NC														
W249DE	274D	35 17 00 78 35 49	96.38	197.30	17.12	0.25/0.25 ND	73.9	140.0	82.0	11.162	42.0	85.218	54 dBu 11.863	73.355
DUNN NC														
WJXX	274C1	37 28 07 79 00 27	163.85	336.98	156.54	22.0/22.0 ND	215.9	439.0	85.0	51.253	20.6	112.597	54 dBu 10.149	102.448
APPOMATOX VA														
WELS	275A	35 17 03 77 39 53	107.51	148.71	329.07	3.0/3.0 ND	84.0	114.0	88.0	22.256	39.5	85.254	100 dBu 1.109	84.145
KINSTON NC														

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WKIX	275A	35 47 38 78 45 41	55.98	230.81	50.53	1.7/1.7 ND	192.8	298.0	147.0	28.463	29.7	27.517	100 dBu 1.109	26.408
RALEIGH NC														
WLHC	276A	36 26 33 79 26 37	128.80	234.95	54.27	6.0/6.0 ND	51.3	210.0	109.0	20.851	28.2	107.949	100 dBu 1.109	106.840
ROBBINS NC														
WLQC	276A	35 58 40 77 57 00	33.34	116.70	296.90	4.4/4.4 ND	111.8	172.0	129.0	27.775	21.7	5.565	100 dBu 1.109	4.456
SHARPSBURG NC														
W276AX	276D	35 27 07 78 10 08	74.01	172.16	352.23	0.25/0.25 ND	7.5	57.0	14.0	7.089	62.0	66.921	100 dBu 1.109	65.812
PRINCETON NC														