

DIGITAL DISPLACEMENT APPLICATION

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W56EC LPTV STATION

CH 24 - 530-536 MHZ - 0.275 kW

MANTEO, NORTH CAROLINA

June 2012

EXHIBIT A

Outgoing Digital Interference Review

W56EC (Channel 24 - Digital) Manteo, North Carolina
Broadcast Type: Digital Service: X [Simple Emission Mask]
Lat: 35-51-52 N Lng: 075-39-01 W ERP: 0.275 kW AMSL: 71.0 m
TV Outgoing Interference Study
Signal Resolution: 1.0 km
Consider NTSC Taboo: Yes
KWX error points are considered to
be interference free coverage.
Default # of radials computed for contours: 72
Contours calculated using 8 radial HAAT.
LR Profile Spacing Increment: 0.1 km
Masked interference points are being counted
as interference free.
Using LPTV/translator D/U rules.
Pop Centroid DB: 2000 US Census (SF1)

Study Date: 6/4/2012

TV Database Date: 6/4/2012

Primary Terrain: V-Soft 3 Second US Terrain

Secondary Terrain: V-Soft 30 Second US Database

Population Database: 2000 US Census (SF1)

Stations Considered:

Call Letters	City	State	Dist	Bear
WEWE-LP (24Z)	Sussex County	DE	300.7	7.1
W17CT (17Z)	Manteo	NC	0.0	0.0
WUND-TV.C (20)	Edenton	NC	62.9	273.8
WUNK-TV-D.A (23)	Greenville	NC	179.9	259.5
WUNK-TV-D (23)	Greenville	NC	179.9	259.5
W24CP-D.C (24)	Durham	NC	291.2	274.3
W24DP-D.C (24)	Wilmington	NC	290.8	234.7
1356386-D.A (24)	New Bern	NC	164.0	220.6
1414738-D.A (24)	New Bern	NC	164.0	220.6
W28CJ (28Z)	Manteo	NC	0.0	0.0
WITD-CA-D.C (23)	Chesapeake	VA	131.3	324.2
W24OI (24Z)	Virginia Beach	VA	114.7	345.1
WEFC-TV-D.C (24)	Danville	VA	373.8	291.0
WNVC-D (24)	Fairfax	VA	361.9	337.8
WVAD-LP (25-)	Chesapeake	VA	119.4	331.8
WVAD-LP-D.C (25)	Chesapeake	VA	119.3	331.8

Call	Area	HUnits	Contour	Masked	Ix	Unmasked	Ix	%
WEWE-LP (24Z)	0.0	0	4,230		0		0	0.0
W17CT (17Z)	0.0	0	10,248		0		0	0.0
WUND-TV.C (20)	0.0	0	100,939		0		0	0.0
WUNK-TV-D.A (23)	0.0	0	1,582,596		0		0	0.0
WUNK-TV-D (23)	0.0	0	1,695,943		0		0	0.0
W24CP-D.C (24)	0.0	0	930,076		0		0	0.0
W24DP-D.C (24)	0.0	0	325,683		0		0	0.0
1356386-D.A (24)	0.0	0	133,351		0		0	0.0
1414738-D.A (24)	0.0	0	37,828		0		0	0.0
W28CJ (28Z)	0.0	0	10,155		0		0	0.0
WITD-CA-D.C (23)	0.0	0	961,919		0		0	0.0
W24OI (24Z)	0.0	0	253,577		0		0	0.0
WEFC-TV-D.C (24)	0.0	0	926,672		0		0	0.0
WNVC-D (24)	0.0	0	6,419,287		0		0	0.0
WVAD-LP (25-)	0.0	0	644,156		0		0	0.0
WVAD-LP-D.C (25)	0.0	0	1,190,329		0		0	0.0