

DIGITAL FLASH-CUT APPLICATION
LAWRENCE F. LOESCH
W45CL LPTV STATION
CH 45 - 656-662 MHZ - 0.100 kW
MANTEO, NORTH CAROLINA
June 2012

EXHIBIT A

Outgoing Digital Interference Review

W45CL (Channel 45 - Digital) Manteo, North Carolina
Broadcast Type: Digital Service: G [Simple Emission Mask]
Lat: 35-51-52 N Lng: 075-39-01 W ERP: 0.1 kW AMSL: 18.0 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: 6/13/2012
TV Database Date: 6/13/2012

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
WNGA-LD-D.A (45)	Salisbury	MD	292.7	358.5
W59EE.C (30Z)	Manteo	NC	0.0	0.0
W45CN (45-)	Rocky Mount	NC	197.3	272.2
W63CW-D.A (45)	Goldsboro	NC	222.8	256.3
WACN-LD-D.C (45)	Raleigh	NC	261.0	266.2
W45DU-D.C (45)	Greenville	NC	151.6	238.1
WWIW-LD-D (45)	Raleigh	NC	270.4	268.8
W45DO-D.C (45)	Wilmington	NC	290.8	234.7
WNCT-DR.P.A (45)	Greenville	NC	167.4	251.2
WDRN-LP (45+)	Fayetteville	NC	307.9	254.7
WNLO-CD-D (45N)	Norfolk	VA	131.3	324.2
WZTD-LP-D.C (45)	Richmond	VA	252.7	316.9
WZTD-LP (45+)	Richmond	VA	252.7	316.9
WPXV-TV-D (46)	Norfolk	VA	129.8	324.1

Call	Area	HUnits	Contour	Masked	Ix	Unmasked	Ix	%
WNGA-LD-D.A (45)	0.0	0	358,533		0		0	0.0
W59EE.C (30Z)	0.0	0	106		0		0	0.0
W45CN (45-)	0.0	0	78,101		0		0	0.0
W63CW-D.A (45)	0.0	0	244,685		0		0	0.0
WACN-LD-D.C (45)	0.0	0	751,345		0		0	0.0
W45DU-D.C (45)	0.0	0	118,879		0		0	0.0
WWIW-LD-D (45)	0.0	0	886,449		0		0	0.0
W45DO-D.C (45)	0.0	0	190,032		0		0	0.0
WNCT-DR.P.A (45)	0.0	0	1,466,977		0		0	0.0
WDRN-LP (45+)	0.0	0	266,038		0		0	0.0
WNLO-CD-D (45N)	0.0	0	1,454,868		0		0	0.0
WZTD-LP-D.C (45)	0.0	0	896,115		0		0	0.0
WZTD-LP (45+)	0.0	0	678,054		0		0	0.0
WPXV-TV-D (46)	0.0	0	1,789,424		0		0	0.0