

Sites

Site: WCTN
N39°02'12.00" W77°12'09.00" 150.0 m
Prop_Tx Tx.Ht.AGL: 30.0 m Total ERPd: -12.15dBkW
Grp: 1 omni-horizontal/0.0° 94.3000 MHz

Site: WKYS-Main
N38°56'24.00" W77°04'54.00" 118.0 m
WKYS Tx.Ht.AGL: 168.0 m Total ERPd: 13.89dBkW
Grp: 1 omni-horizontal/0.0° 93.9000 MHz

quick contours

Notes

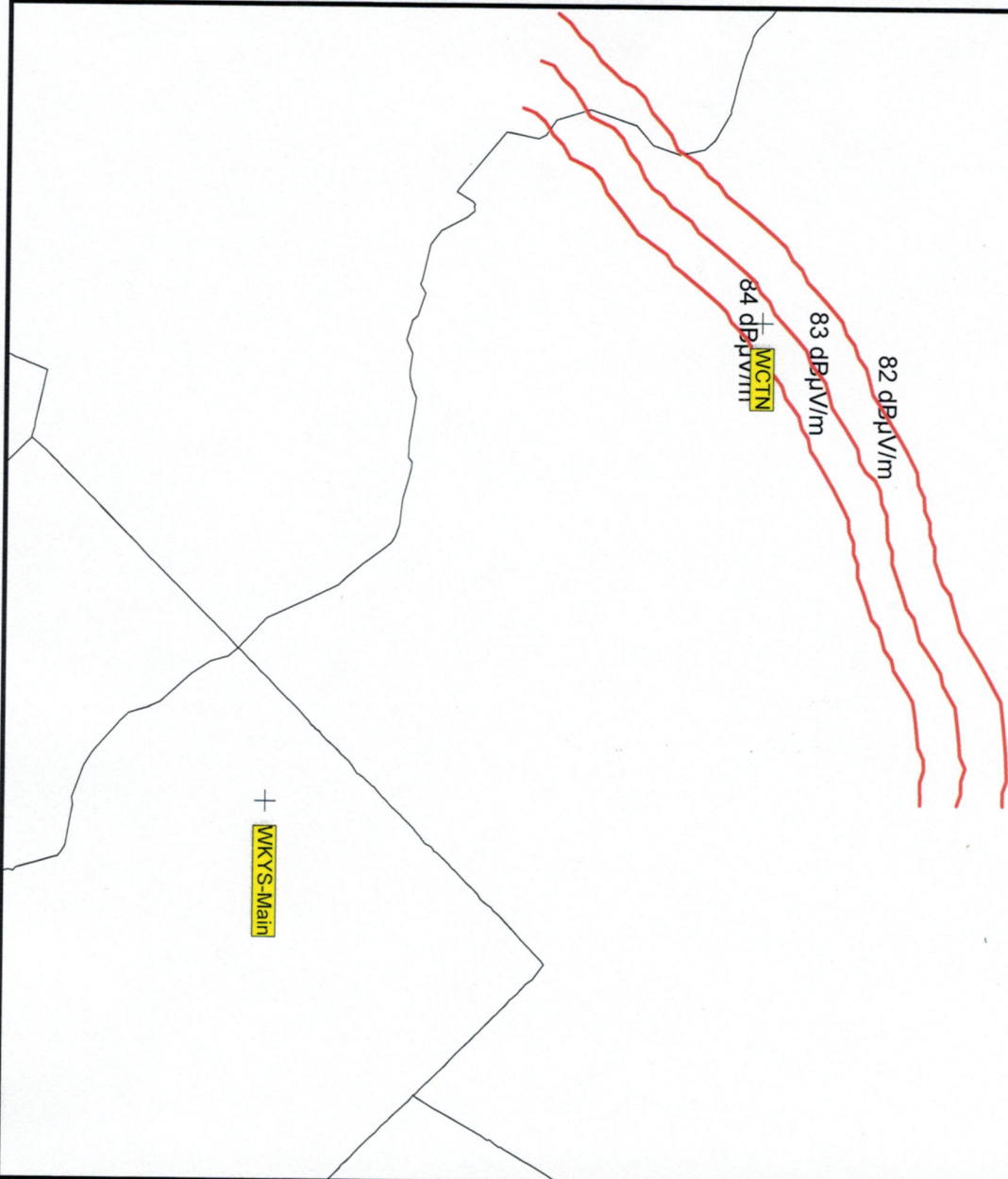
Plot of WKYS protected contours in vicinity of WCTN proposed FM translator.
Required protection based on WKYS 83.0 F(50,50) dBu contour.
See Table 2 tabulating clearances.
IX is 83.0 = 123.0 prepared by Larry H. Will, P.E.
Glen Mills, PA 19342-9504



INTERFERENCE STUDY
NEW TX POTOMAC MD

Figure 12-1a

06/28/2016



quick contours

Sites

Site: WCTN
N39°02'12.00" W77°12'09.00" 150.0 m
Prop Tx.Ht.AGL: 56.0 m Total ERPd: -12.02dBKV
Grp: 1 directional-horizontal/0.0° 94.3000 MHz

Site: WIAD
N38°57'49.00" W77°06'18.00" 73.0 m
WIAD Tx.Ht.AGL: 239.0 m Total ERPd: 13.12dBKV
Grp: 1 omni-horizontal/0.0° 94.7000 MHz

Notes

Plot of WIAD Service contours and the
WCTN proposed FM translator.
Required protection based on WIAD 87.5
F(50,50) dBu contour.
See Table 2 tabulating clearances.
87.5 + 40 = 127.5 dBu of WCTN
prepared by
Larry H. Will, P.E.
Glen Mills, PA 19342-9504



INTERFERENCE STUDY
NEW TX POTOMAC MD

Figure 12-3

06/28/2016



Sites

Call sign: WCTN Power: 2.500 kW
Pattern: DA-U Frequency: 950 kHz
Coordinates: N39°02'12.00" W77°12'09.00"

- C:\Program Files\Edx Engineering\SIC
- C:\Program Files\Edx Engineering\SIC
- C:\Program Files\Edx Engineering\SIC

Notes

prepared by
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Glen Mills, PA 19342-9504



WCTN COVERAGE

2 mV Compliance

Figure 12-8a

06/28/2016

