

SIGNAL™: wskadt_Peter_ON_DU_proposed_9010.map

Sites

Site: Peterborough

N44°04'14.00" W78°08'36.00" 150.0 m

Peter * Tx.Ht.AGL: 325.0 m Total ERPd: 30.00dBkW

Grp: 1 omni-horizontal/0.0° 567.2500 MHz

Site: Proposed WSKADT

N42°08'29.73" W77°04'39.11" 512.0 m

WSKADT Tx.Ht.AGL: 177.0 m Total ERPd: 16.99dBkW

Grp: 2 omni-horizontal/0.0° 567.2500 MHz

C/(I+N) at remote for the single desired base station

| | | | |
|--|---|---------|---------|
| | > | 19.5 dB | |
| | | 18.5 to | 19.5 dB |
| | | 17.5 to | 18.5 dB |
| | | 16.5 to | 17.5 dB |
| | | 15.5 to | 16.5 dB |
| | < | 15.5 dB | |

Display threshold level: -200.0 dBmW

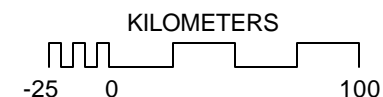
Notes

Plot of the C(I+N) ratio of Class VI CH 30 Peterborough, ON, CA as impacted by proposed digital operation by WSKA-DT Corning, NY using Longley-Rice Model with Peterborough as F(50,90) and Corning IX as F(50,10). US FCC Type service and IX contours also shown.

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LONGLEY RICE STUDY

PETERBOROUGH ON CH 30

Figure 4A

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