



**SIGNAL™:** wskadt\_Peter\_ON\_DU\_proposed\_9050.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: 4 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: 5 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(90,90) and Corning IX as F(10,10). US FCC Type service and IX contours also shown.  
 prepared by  
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**KILOMETERS**

-25 0 100

**LONGLEY RICE STUDY**  
 PETERBOROUGH ON CH 30

Figure 4B 5/16/2005