

LOU LONGLEY-RICE INTERFERENCE ANALYSIS

Study Date: 12/15/2008  
Study Start: 17:38:04  
CANADIAN INTERFERENCE CAUSED (GRID TYPE)  
Cell Size (km): 1.00  
Terrain Increment (km): 0.20  
Using DTV -> DTV service parameters.  
Using circles for service area.  
Using 2006 Canadian census population data.

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CHWI-TV 42-18-58 083-02-24 25(N) 40.000 kw 276.5 m DA 90.0 % 39.0 dBu  
WINDSOR ON  
GRANT BPFS20081208ACP CLASS A  
0.02 0.02 0.03 0.03 0.03 0.07 0.13 0.19 0.25 0.32 0.47 0.62  
0.77 0.92 0.97 0.90 0.84 0.77 0.71 0.59 0.47 0.35 0.24 0.16  
0.13 0.09 0.06 0.03 0.02 0.01 0.01 0.00 0.00 0.01 0.01 0.01  
Extra bearings  
Ref Az: 0.0  
Calculated RCAMSL with HAAT of 93  
%Location = 90.00 %Time = 90.00

	Area	Pop
within Noise Limited Contour	1961.135	310006
not affected by terrain losses	1862.880	310006

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WCPX-LP 40-01-02 083-01-11 25(N) 15.000 kw 378.9 m DA 10.0 % 39.0  
COLUMBUS OH  
CP BDISDTL20080905AEC CLASS C  
0.89 0.97 1.00 0.99 0.96 0.91 0.85 0.79 0.75 0.73 0.75 0.79  
0.85 0.91 0.96 0.99 1.00 0.97 0.89 0.80 0.67 0.53 0.38 0.25  
0.18 0.18 0.20 0.22 0.20 0.18 0.18 0.25 0.38 0.53 0.67 0.80  
Extra bearings  
Ref Az: 0.0

D/U Baseline: 19.50  
%Location = 50.00 %Time = 10.00

	Area	Pop
Interference	0	0

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CICO-TV 42-09-09 082-57-05 25(Z) 75.000 kw 488 m 90.0 % 39.0 dBu  
WINDSOR ON  
APP BPFS20041026AAH CLASS A  
%Location = 90.00 %Time = 90.00

	Area	Pop
within Noise Limited Contour	1966.226	350248
not affected by terrain losses	1966.226	350248

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WCPX-LP 40-01-02 083-01-11 25(N) 15.000 kw 378.9 m DA 10.0 % 39.0  
COLUMBUS OH  
CP BDISDTL20080905AEC CLASS C  
0.89 0.97 1.00 0.99 0.96 0.91 0.85 0.79 0.75 0.73 0.75 0.79  
0.85 0.91 0.96 0.99 1.00 0.97 0.89 0.80 0.67 0.53 0.38 0.25  
0.18 0.18 0.20 0.22 0.20 0.18 0.18 0.25 0.38 0.53 0.67 0.80

Extra bearings  
Ref Az: 0.0

D/U Baseline: 19.50

%Location = 50.00 %Time = 10.00

	Area	Pop
Interference	0	0
Study end time: 17:38:18		

Summary of Calculations

<u>Facility</u>	<u>Channel</u>	<u>Type</u>	<u>Baseline</u>	<u>Permissible</u>	<u>IX</u>	<u>%Base</u>
CHWI-TV, WINDSOR, ON	25	DTV	310006	2.0	0	0.000
CICO-TV, WINDSOR, ON	25	DTV	350248	2.0	0	0.000