

## Class A SunDTV™ Interference Summary

### Summary Study

Percent allowed new interference: 0.500  
 Percent allowed new interference to non Class A LPTV: 2.000  
 Census data selected 2000  
 Data Base Selected  
 ./data\_files/pt\_tvdb.sff  
 TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 02-13-2012 Time: 12:56:40

#### Record Selected for Analysis

WFNY-LD USERRECORD-01 GLOVERSVILLE NY US  
 Channel 48 ERP 0.86 kW HAAT 180. m RCAMSL 00561 m STRINGENT MASK  
 Latitude 043-06-06 Longitude 0074-22-15  
 Status APP Zone 1 Border Site number: 01  
 Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.  
 Last update Cutoff date Docket  
 Comments  
 Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility (site # 01) meets maximum height/power limits

Site number	1		
Azimuth	ERP	HAAT	51.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	0.860	96.0	27.8
45.0	0.860	33.0	16.7
90.0	0.860	306.9	40.2
135.0	0.860	290.5	39.5
180.0	0.860	331.3	41.3
225.0	0.860	224.5	36.3
270.0	0.860	112.4	29.5
315.0	0.860	46.6	20.2

Contour Overlap to Proposed Station

Station			
WRNN-TV 48 KINGSTON	NY BLCDT20040908AMF		causes

Contour overlap to Digital LPTV station  
 WFNY-LD 48 GLOVERSVILLE NY USERRECORD01  
 Required D/U ratio: 15.0

Station			
WRNN-TV 48 KINGSTON	NY BPCDT20111118CBY		causes

Contour overlap to Digital LPTV station  
 WFNY-LD 48 GLOVERSVILLE NY USERRECORD01  
 Required D/U ratio: 15.0

Contour Overlap Evaluation to Proposed Station Complete

NO LANDMOBILE SPACING VIOLATIONS FOUND

Checks to Site Number 01

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance  
 Distance to border = 187.8km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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