

SunDTV™ Interference Study

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: 01-19-2012 Time: 12:59:38

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

Not full service station

Service Class = LD

Maximum height/power limits not checked

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

WFNY-CA 49 GLOVERSVILLE NY BLTTL19970811JF

Station inside contour of Digital LPTV station

WFNY-LD 48 GLOVERSVILLE NY USERRECORD01

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

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
48	WFNY-LD	GLOVERSVILLE NY	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
40	WIXT-CA	DEWITT NY	140.3	LIC	BLTTL	-19990125JC
41	WVBG-LP	GREENWICH NY	70.2	APP	BSTA	-20110303AAZ
41	WVBG-LP	GREENWICH NY	69.6	LIC	BLTTL	-20080903ABL
46	W46DY	UTICA NY	53.7	LIC	BLTTL	-20090415AGJ
47	WVBQ-LP	NEWPORT -CHARLESTOWN NH	160.8	LIC	BLTTL	-20060330AIY
47	W47CM	GLENS FALLS NY	55.0	CP	BDFCDTT	-20060222AAR
47	W47CM	GLENS FALLS NY	55.0	LIC	BLTT	-20011009ABI
47	WTVH	SYRACUSE NY	142.2	LIC	BLCDDT	-20060809ACB
47	WOLF-TV	HAZLETON PA	184.9	LIC	BLCDDT	-20091217ACX
47	W36DN-D	BURLINGTON VT	195.1	APP	BDISDTL	-20091118AEW
48	WRNT-LP	HARTFORD CT	194.1	CP MOD	BMPDTL	-20090506AAD
48	WRNT-LP	HARTFORD CT	194.1	LIC	BLTTL	-20061120AAT
48	WLED-TV	LITTLETON NH	253.1	LIC	BLEDT	-20020529ABG
48	WLED-TV	LITTLETON NH	253.1	CP	BPEDT	-20080620AAJ
48	W48AO	AUBURN NY	179.0	LIC	BLTTL	-19920622JI

Study of this proposal found the following interference problem(s):

MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036