

OET-69 Interference Analysis (WMYS-LP, South Bend, IN Ch. 34)

Percent allowed new interference: 0.500
Percent allowed new interference to non Class A LPTV: 2.000
TW Census data selected 2000
Data Base Selected
/export/home/cdbs/pt_tvdb.sff

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 11-30-2011

Record Selected for Analysis

WMYS-LP USERRECORD-01 SOUTH BEND IN US
Channel 34 ERP 0.006 kW HAAT 338. m RCAMSL 00563 m
Latitude 041-36-55 Longitude 0086-11-07
Status APP Zone 1 Border Offset -
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 = TX

Maximum height/power limits not checked

Site number	1			
Azimuth	ERP	HAAT	74.0 dBu F(50,50)	
(Deg)	(kW)	(m)	(km)	
0.0	0.000	331.3	1.0	
45.0	0.000	333.7	1.0	
90.0	0.000	320.0	1.0	
135.0	0.000	309.4	1.0	
180.0	0.000	310.5	1.0	
225.0	0.000	303.3	1.0	
270.0	0.000	325.7	1.0	
315.0	0.000	337.6	1.0	

Contour Overlap Evaluation from LPTV Station to Full Service TV & DTV

Station inside contour of station

WNIT 35 SOUTH BEND IN BLEDT 20110516ADN

Contour Overlap Evaluation from LPTV to Full Service TV & DTV Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

No Spacing violations or contour overlap from LPTV station

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

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Station
WEDE-CA 34 ARLINGTON HEIGHTS IL BSTA20040603ACT causes

Contour overlap to station
WMYS-LP 34 SOUTH BEND IN USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

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 = 254.4km

Proposed facility is beyond the Mexican coordination distance

Proposed station is 2.64km from AM station
SOUTH BEND IN WSBT Status: L Antenna: DA2

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
34	WMYS-LP	SOUTH BEND IN	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
35	WNIT	SOUTH BEND IN	0.4	LIC	BLEDT -20110516ADN

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
35	WNIT	SOUTH BEND IN	BLEDT -20110516ADN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
34	WHTV	JACKSON MI	191.3	CP MOD	BMPCDT -20101013ADM
34	WHTV	JACKSON MI	191.3	APP	BMPCDT -20110420ABJ
34	WHTV	JACKSON MI	191.3	LIC	BLCDT -20071116ABR
34	WISN-TV	MILWAUKEE WI	219.4	LIC	BLCDT -20101104AAA
35	WLWT	CINCINNATI OH	310.6	LIC	BLCDT -20050502ABC
35	WMVT	MILWAUKEE WI	216.8	CP MOD	BMPEDT -20110509ACH
35	WMVT	MILWAUKEE WI	216.8	LIC	BLEDT -20041207AAK
36	WFFT-TV	FORT WAYNE IN	100.1	LIC	BLCDT -20090521AAQ
36	WJYS	HAMMOND IN	123.5	LIC	BLCDT -20100922ABI
36	WLNS-TV	LANSING MI	191.3	LIC	BLCDT -20090720ADT
34	WMYS-LP	SOUTH BEND IN	0.4	APP	USERRECORD-01

Proposal causes no interference

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