

# OET-69 Interference Analysis (KIDK(TV), Idaho Falls, ID, Channel 36)

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/cdb/pt\_tvdb.sff

## TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-09-2014

Record Selected for Analysis

KIDK USERRECORD-01 IDAHO FALLS ID US  
Channel 36 ERP 200. kW HAAT 458. m RCAMSL 02026 m  
Latitude 043-29-51 Longitude 0112-39-50  
Status APP Zone 2 Border Site number: 01  
Dir Antenna Make CDB Model 00000000028614 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 2.0 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	41.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	162.360	458.2	94.172
45.0	185.281	391.5	91.241
90.0	162.000	419.6	91.865
135.0	175.781	488.3	97.175
180.0	187.405	514.8	99.963
225.0	38.456	457.4	83.877
270.0	11.616	459.4	76.132
315.0	18.973	473.3	79.952

Evaluation toward Class A Stations from site # 01

No Spacing violations or contour overlap  
to Class A stations from site # 01

Class A Evaluation 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 beyond the Canadian coordination distance

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

# OET-69 Interference Analysis (KIDK(TV), Idaho Falls, ID, Channel 36)

Channel	Proposed Station Call	City/State	ARN
36	KIDK	IDAHO FALLS ID	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	KUEN	OGDEN UT	317.8	LIC	BLEDT 20030528ACQ

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	KUEN	OGDEN UT	BLEDT -20030528ACQ

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	KIDK	IDAHO FALLS ID	317.8	PLN	DTVPLN -DTVPL1325
36	KIDK	IDAHO FALLS ID	317.8	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
36	KIDK	IDAHO FALLS ID	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
36	KUEN	OGDEN UT	317.8	LIC	BLEDT -20030528ACQ

Total scenarios = 1

Result key:

1

Scenario 1 Affected station

2

Before Analysis

Results for: 36A ID IDAHO FALLS

USERRECORD01

APP

HAAT 458.0 m, ATV ERP 200.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	254969	25269.1
not affected by terrain losses	251947	22887.9
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to ATV IX only	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

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