

OET-69 Interference Analysis (K13CO, Fish Creek, Etc., ID, Channel 13)

Census data selected: 1990

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Record Selected for Analysis

K13CO USERRECORD-01 FISH CREEK, ETC. ID US
Channel 13 ERP 0.1 kW HAAT 330. m RCAMSL 01883 m
Latitude 042-36-59 Longitude 0112-00-08
Status APP Zone 2 Border Offset Z
Dir Antenna Make CDB Model 00000000020786 Beam tilt N Ref Azimuth 280.
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

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	68.0 dBu F(50,50) (km)
0.0	0.000	136.9	0.9
45.0	0.000	33.0	0.9
90.0	0.000	155.7	0.9
135.0	0.000	33.0	0.9
180.0	0.000	33.0	0.9
225.0	0.000	114.5	0.9
270.0	0.089	330.0	13.4
315.0	0.021	33.0	3.0

Evaluation from Class A Station

Station inside contour of station

KUTF 12 LOGAN UT BLCT 20011128ABP

Station inside contour of station

KUTF 12 LOGAN UT BPCDT 20080328ADR

Contour Overlap Evaluation from Class A Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Contour overlap to station

K13AY 13 GRACE, ETC. ID BLTTV 3837

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

OET-69 Interference Analysis (K13CO, Fish Creek, Etc., ID, Channel 13)

Contour Overlap to Proposed Station

	Station		
K13AY	13 GRACE, ETC.	ID BLTTV3837	causes

Contour overlap to station
K13CO 13 FISH CREEK, ETC. ID USERRECORD01

	Station		
KSTU	13 SALT LAKE CITY	UT BLCT19871116KE	causes

Contour overlap to Class A station
K13CO 13 FISH CREEK, ETC. ID USERRECORD01

	Station		
KGWR-TV	13 ROCK SPRINGS	WY BLCT19900425KN	causes

Contour overlap to Class A station
K13CO 13 FISH CREEK, ETC. ID USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

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

Start of Interference Analysis

	Proposed Station	
Channel	Call	City/State
13	K13CO	FISH CREEK, ETC. ID
		ARN
		USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
12	KUTF	LOGAN UT	94.4	LIC	BLCT	-20011128ABP
12	KUTF	LOGAN UT	94.4	CP	BPCDT	-20080328ADR
13	K13AY	GRACE, ETC. ID	26.1	LIC	BLTTV	-3837

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Analysis of Interference to Affected Station 1

OET-69 Interference Analysis (K13CO, Fish Creek, Etc., ID, Channel 13)

NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
12	NEW	LOGAN UT	DTVPLN	-NPLN0800

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	KMVT	TWIN FALLS ID	208.0	PLN	DTVPLN	-NPLN0711
11	KBYUTV	PROVO UT	131.0	PLN	DTVPLN	-NPLN0746
12	KTRV	NAMPA ID	383.9	PLN	DTVPLN	-NPLN0764
13	KIPT	TWIN FALLS ID	208.0	PLN	DTVPLN	-NPLN0827
13	KSTU	SALT LAKE CITY UT	125.2	PLN	DTVPLN	-NPLN0870

Results for: 12N UT LOGAN	DTVPLN	NPLN0800	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	848274	46269.9	
not affected by terrain losses	654597	30081.9	
lost to NTSC IX	363270	2378.3	
lost to additional IX by ATV	0	0.0	
lost to all IX	363270	2378.3	

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	KUTF	LOGAN UT	BLCT	-20011128ABP

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	KMVT	TWIN FALLS ID	208.0	CP MOD	BMPCDT	-20080619AFV
11	KMVT	TWIN FALLS ID	208.0	LIC	BLCT	-1257
11	KCBU	PRICE UT	203.0	APP	BPCDT	-20080620AAQ
11	KBYU-TV	PROVO UT	130.9	LIC	BMLET	-19880701KG
11	KBYU-TV	PROVO UT	130.9	APP	BPET	-19960717KE
12	KTRV-TV	NAMPA ID	384.0	LIC	BLCT	-19811015KE
12	KTRV-TV	NAMPA ID	384.0	APP	BSTA	-20070716ABQ
13	KIPT	TWIN FALLS ID	208.0	LIC	BMLET	-20030116AAC
13	KSTU	SALT LAKE CITY UT	125.1	APP	BSTA	-20060530ADY
13	KSTU	SALT LAKE CITY UT	125.1	LIC	BLCT	-19871116KE
13	K13CO	FISH CREEK, ETC. ID	94.4	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.
12	KUTF	LOGAN UT	BPCDT	-20080328ADR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	KMVT	TWIN FALLS ID	208.0	CP MOD	BMPCDT	-20080619AFV
11	KMVT	TWIN FALLS ID	208.0	LIC	BLCT	-1257
11	KCBU	PRICE UT	203.0	APP	BPCDT	-20080620AAQ

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11	KBYU-TV	PROVO UT	130.9	LIC	BMLET	-19880701KG
11	KBYU-TV	PROVO UT	130.9	APP	BPET	-19960717KE
11	KBEO	JACKSON WY	222.3	LIC	BLCT	-20010402AJE
11	KBEO	JACKSON WY	222.3	CP	BPCDT	-20080304ACP
12	KKCO-DT	GRAND JUNCTION CO	422.2	PLN	DTVPLN	-DTVP0096
12	KTRV-TV	NAMPA ID	384.0	LIC	BLCT	-19811015KE
12	KTRV-TV	NAMPA ID	384.0	APP	BSTA	-20070716ABQ
13	KIPT	TWIN FALLS ID	208.0	LIC	BMLET	-20030116AAC
13	KSTU	SALT LAKE CITY UT	125.1	APP	BSTA	-20060530ADY
13	KSTU	SALT LAKE CITY UT	125.1	LIC	BLCT	-19871116KE
13	K13CO	FISH CREEK, ETC. ID	94.4	APP	USERRECORD-01	

Proposal causes no interference

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Analysis of Interference to Affected Station 3

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	K13AY	GRACE, ETC. ID	BLTTV -3837

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	K12LK	SODA SPRINGS, ETC. ID	0.0	LIC	BLTTV -19820111IT
12	KUTF	LOGAN UT	104.3	LIC	BLCT -20011128ABP
12	KUTF	LOGAN UT	104.3	CP	BPCDT -20080328ADR
13	K13VI	BLACKFOOT ID	83.6	LIC	BLTVL -19880811IE
13	K13QY	DINGLE, ETC. ID	47.3	LIC	BLTTV -19810721II
13	K13QE	DRIGGS, ETC. ID	138.3	LIC	BLTTV -19800910IA
13	K13CO	FISH CREEK, ETC. ID	26.1	LIC	BLTTV -3326
13	K13QH	IRWIN & SWAN VALLEY ID	95.8	LIC	BLTTV -19820216JQ
13	K13HA	MINK CREEK ID	42.1	LIC	BLTTV -1569
13	K13HA	MINK CREEK ID	42.1	CP	BDFCDTV -20080707AHV
13	KTRV	NAMPA ID	378.9	LIC	BPRM -20000412AAG
13	KTRV-TV	NAMPA ID	378.9	LIC	BLCDT -20050516ATS
13	K13UF	REXBURG ID	130.2	CP	BPTTV -20061003AED
13	K13VJ	SHELLEY ID	91.0	LIC	BLTVL -19880811IF
13	KIPT	TWIN FALLS ID	223.5	LIC	BMLET -20030116AAC
13	KBZK	BOZEMAN MT	344.5	LIC	BLCDT -20050825AAQ
13	KBZK-TV	BOZEMAN MT	344.5	LIC	BPRM -20001019ACI
13	K13YY-D	GALLATIN RIVER, ETC. MT	294.8	CP	BDCCDVL -20061010ANW
13	K13QJ	RANDOLPH UT	117.6	LIC	BLTTV -19800912IN
13	KSTU	SALT LAKE CITY UT	223.3	APP	BSTA -20060530ADY
13	KSTU	SALT LAKE CITY UT	223.3	LIC	BLCT -19871116KE
13	K13LY	HOBACK JUNCTION WY	112.6	LIC	BLTTV -4392
13	K13FZ	JACKSON WY	119.4	CP	BPTTV -20060710ACU
13	K13FZ	JACKSON WY	119.4	APP	BSTA -20060526AAY
13	KGWR-TV	ROCK SPRINGS WY	250.2	LIC	BLCT -19900425KN
13	KGWR-TV	ROCK SPRINGS WY	250.2	CP MOD	BMPCDT -20080506ABK
13	K13CO	FISH CREEK, ETC. ID	26.1	APP	USERRECORD-01

Proposal causes no interference

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Analysis of Interference to Affected Station 4

OET-69 Interference Analysis (K13CO, Fish Creek, Etc., ID, Channel 13)

Analysis of current record

Channel	Call	City/State	Application Ref. No.
13	K13CO	FISH CREEK, ETC. ID	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
12	K12LK	SODA SPRINGS, ETC. ID	26.1	LIC	BLTTV -19820111IT
12	KUTF	LOGAN UT	94.4	LIC	BLCT -20011128ABP
12	KUTF	LOGAN UT	94.4	CP	BPCDT -20080328ADR
13	K13VI	BLACKFOOT ID	70.8	LIC	BLTVL -19880811IE
13	K13QY	DINGLE, ETC. ID	67.2	LIC	BLTTV -19810721II
13	K13QE	DRIGGS, ETC. ID	151.9	LIC	BLTTV -19800910IA
13	K13AY	GRACE, ETC. ID	26.1	LIC	BLTTV -3837
13	K13QH	IRWIN & SWAN VALLEY ID	107.5	LIC	BLTTV -19820216JQ
13	K13HA	MINK CREEK ID	46.2	LIC	BLTTV -1569
13	K13HA	MINK CREEK ID	46.2	CP	BDFCDTV -20080707AHV
13	KTRV	NAMPA ID	355.2	LIC	BPRM -20000412AAG
13	KTRV-TV	NAMPA ID	355.2	LIC	BLCDT -20050516ATS
13	KIPT	TWIN FALLS ID	197.5	LIC	BMLET -20030116AAC
13	KBZK	BOZEMAN MT	351.6	LIC	BLCDT -20050825AAQ
13	KBZK-TV	BOZEMAN MT	351.6	LIC	BPRM -20001019ACI
13	K13YY-D	GALLATIN RIVER, ETC. MT	299.4	CP	BDCCDVL -20061010ANW
13	K13QJ	RANDOLPH UT	129.3	LIC	BLTTV -19800912IN
13	KSTU	SALT LAKE CITY UT	218.2	APP	BSTA -20060530ADY
13	KSTU	SALT LAKE CITY UT	218.2	LIC	BLCT -19871116KE
13	K13LY	HOBACK JUNCTION WY	132.7	LIC	BLTTV -4392
13	K13FZ	JACKSON WY	138.3	CP	BPTTV -20060710ACU
13	K13FZ	JACKSON WY	138.3	APP	BSTA -20060526AAY
13	KGWR-TV	ROCK SPRINGS WY	272.2	LIC	BLCT -19900425KN
13	KGWR-TV	ROCK SPRINGS WY	272.2	CP MOD	BMPCDT -20080506ABK

Total scenarios = 1

Result key: 1

Scenario 1 Affected station 4 K13CO

Before Analysis

Results for: 13N ID FISH CREEK, ETC. USERRECORD01 APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	666	66.2
not affected by terrain losses	652	65.2
lost to NTSC IX	141	17.8
lost to additional IX by ATV	0	0.0
lost to all IX	141	17.8

Potential Interfering Stations Included in above Scenario 1

13N ID GRACE, ETC. BLTTV 3837 LIC

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED