

OET-69 Interference Analysis (K06KA, Fort Jones, Etc., CA, Ch. 6) (Summary Results)

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: 10-19-2011

Record Selected for Analysis

K06KA USERRECORD-01 FORT JONES, ETC. CA US
Channel 06 ERP 0.021 kW HAAT 91. m RCAMSL 01131 m SIMPLE MASK
Latitude 041-28-00 Longitude 0122-54-50
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000022987 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 | 43.0 dBu F(50,90) |
| (Deg) | (kW) | (m) | (km) |
| 0.0 | 0.015 | 243.2 | 25.1 |
| 45.0 | 0.008 | 223.7 | 21.2 |
| 90.0 | 0.000 | 33.0 | 3.0 |
| 135.0 | 0.016 | 112.4 | 18.3 |
| 180.0 | 0.007 | 33.0 | 8.1 |
| 225.0 | 0.001 | 33.0 | 4.3 |
| 270.0 | 0.000 | 33.0 | 3.5 |
| 315.0 | 0.001 | 33.0 | 5.0 |

Database HAAT does not agree with computed HAAT
Database HAAT: 91 Computed HAAT: 93

Contour Overlap to Proposed Station

Station
K06KA 6 FORT JONES, ETC. CA BLTTV19800528ID

Station inside contour of Digital LPTV station
K06KA 6 FORT JONES, ETC. CA 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 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

OET-69 Interference Analysis (K06KA, Fort Jones, Etc., CA, Ch. 6) (Summary Results)

| | | | |
|---------|-------|---------------------|--------------|
| Channel | Call | City/State | ARN |
| 06 | K06KA | FORT JONES, ETC. CA | USERRECORD01 |

Stations Potentially Affected by Proposed Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|---------|-------------------------|----------|--------|----------------------|
| 05 | K05DQ | BURNEY, ETC. CA | 130.3 | CP | BDFCDTV -20090810ABE |
| 05 | K05DQ | BURNEY, ETC. CA | 130.3 | APP | BDFCDTV -20090528ALI |
| 05 | K05DQ | BURNEY, ETC. CA | 130.3 | LIC | BLTTV -19941222JA |
| 05 | K05BR | DUNSMUIR, ETC. CA | 57.8 | LIC | BLTTV -4617 |
| 05 | K05EQ | GREEN POINT, ETC. CA | 95.4 | LIC | BLTTV -3881 |
| 05 | K05CR-D | HAYFORK CA | 110.8 | LIC | BLDTV -20080930AEH |
| 05 | K05ET-D | LIKELY CA | 199.3 | LIC | BLDTV -20080619AAG |
| 05 | K05JK | MINERAL CA | 169.5 | CP | BDFCDTV -20090203ACS |
| 05 | K05JK | MINERAL CA | 169.5 | LIC | BLTTV -19920526IS |
| 05 | K05EM | PARADISE CA | 216.6 | LIC | BLTTV -3525 |
| 05 | K05EM | PARADISE CA | 216.6 | CP | BDFCDTV -20090203ABV |
| 05 | KRDN-LP | REDDING CA | 105.1 | LIC | BLTVL -20050613ABD |
| 05 | KRDN-LP | REDDING CA | 127.9 | APP | BPTVL -20060330AKX |
| 05 | KRDN-LP | REDDING CA | 151.1 | CP | BDFCDVL -20080424ABP |
| 05 | K05CF-D | WEAVERVILLE CA | 83.2 | LIC | BLDTV -20090608AAG |
| 05 | K05KI | LAKEVIEW OR | 227.0 | LIC | BLTTV -19961015JJ |
| 05 | KOBI | MEDFORD OR | 139.2 | LIC | BLCDT -20091023ACQ |
| 06 | KEFM-LP | CHICO CA | 219.7 | APP | BSTA -20100303AFV |
| 06 | KEFM-LP | CHICO CA | 267.9 | CP | BPTVL -20090630ADS |
| 06 | KEFM-LP | CHICO CA | 219.7 | LIC | BLTVL -20070326ACW |
| 06 | K10FS | EUREKA CA | 153.2 | CP | BDISTTV -20081230AGZ |
| 06 | NEW | HEALDSBURG CA | 295.6 | APP | BNPDVL -20090825CBK |
| 06 | K06FA | HOPLAND CA | 281.9 | LIC | BLTTV -4184 |
| 06 | K06EX | LEWISTON CA | 86.5 | LIC | BLTTV -1166 |
| 06 | KNNN-LD | REDDING CA | 96.2 | CP MOD | BMPDVL -20081219AFN |
| 06 | KNNN-LP | REDDING CA | 96.1 | LIC | BLTVL -20060918ACG |
| 06 | KNNN-LD | REDDING CA | 96.2 | APP | BMPDVL -20110826ABQ |
| 06 | KEFM-LD | SACRAMENTO CA | 267.9 | APP | BDISDVL -20090121AIW |
| 06 | NEW | SACRAMENTO CA | 267.9 | APP | BDCCDVL -20110708ABD |
| 06 | K06JK | DAYTON NV | 384.9 | LIC | BLTTV -19780822IC |
| 06 | NEW | RENO NV | 336.3 | APP | BNPDVL -20090825AOE |
| 06 | K06KC | YERINGTON NV | 415.8 | LIC | BLTTV -19800930IE |
| 06 | K06PA-D | BEND OR | 341.8 | CP | BDFCDVL -20090608ABF |
| 06 | K06LI | CHEMULT OR | 226.8 | LIC | BLTTV -19900830IK |
| 06 | K06NS-D | CHILOQUIN OR | 130.4 | LIC | BLDTV -20090126ABJ |
| 06 | NEW | EUGENE OR | 282.3 | APP | BNPDVL -20090825ASQ |
| 06 | NEW | EUGENE OR | 288.3 | APP | BNPDVL -20091020AAK |
| 06 | K06PA-D | REDMOND OR | 366.7 | CP | BNPTVL -20000829ANN |
| 06 | K06IO | SCOTTSDALE OR | 252.5 | LIC | BLTTV -4549 |
| 06 | K06JN | SEVERANCE RANCH, ETC OR | 356.2 | LIC | BLTTV -19790614IB |

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

| | | | |
|---------|-------|-----------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 05 | K05DQ | BURNEY, ETC. CA | BDFCDTV -20090810ABE |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 2

Analysis of current record

| | | | |
|---------|-------|-----------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 05 | K05DQ | BURNEY, ETC. CA | BDFCDTV -20090528ALI |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 3

Analysis of current record

| | | | |
|---------|-------|-----------------|----------------------|
| Channel | Call | City/State | Application Ref. No. |
| 05 | K05DQ | BURNEY, ETC. CA | BLTTV -19941222JA |

OET-69 Interference Analysis (K06KA, Fort Jones, Etc., CA, Ch. 6) (Summary Results)

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 4

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|-------|-------------------|----------------------|
| 05 | K05BR | DUNSMUIR, ETC. CA | BLTTV -4617 |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 5

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|-------|----------------------|----------------------|
| 05 | K05EQ | GREEN POINT, ETC. CA | BLTTV -3881 |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 6

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|------------|----------------------|
| 05 | K05CR-D | HAYFORK CA | BLDTV -20080930AEH |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 7

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|---------|------------|----------------------|
| 05 | K05ET-D | LIKELY CA | BLDTV -20080619AAG |

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 8

Analysis of current record

| Channel | Call | City/State | Application Ref. No. |
|---------|-------|------------|----------------------|
| 05 | K05JK | MINERAL CA | BDFCDTV -20090203ACS |

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 9

OET-69 Interference Analysis (K06KA, Fort Jones, Etc., CA, Ch. 6) (Summary Results)

Analysis of current record
Channel Call City/State Application Ref. No.
05 K05JK MINERAL CA BLTTV -19920526IS

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 10

Analysis of current record
Channel Call City/State Application Ref. No.
05 K05EM PARADISE CA BLTTV -3525

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 11

Analysis of current record
Channel Call City/State Application Ref. No.
05 K05EM PARADISE CA BDFCDTV -20090203ABV

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 12

Analysis of current record
Channel Call City/State Application Ref. No.
05 KRDN-LP REDDING CA BLTVL -20050613ABD

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 13

Analysis of current record
Channel Call City/State Application Ref. No.
05 KRDN-LP REDDING CA BPTVL -20060330AKX

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 14

Analysis of current record
Channel Call City/State Application Ref. No.
05 KRDN-LP REDDING CA BDFCDVL -20080424ABP

Stations Potentially Affecting This Station

Proposal causes no interference

#####

OET-69 Interference Analysis (K06KA, Fort Jones, Etc., CA, Ch. 6) (Summary Results)

Analysis of Interference to Affected Station 15

Analysis of current record
Channel Call City/State Application Ref. No.
05 K05CF-D WEAVERVILLE CA BLDTV -20090608AAG

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 16

Analysis of current record
Channel Call City/State Application Ref. No.
05 K05KI LAKEVIEW OR BLTTV -19961015JJ

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 17

Analysis of current record
Channel Call City/State Application Ref. No.
05 K0BI MEDFORD OR BLCDT -20091023ACQ

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application Ref. No. |
|------|-------|---------------------|----------|--------|----------------------|
| 06 | K06KA | FORT JONES, ETC. CA | 139.2 | APP | USERRECORD-01 |

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 17
Before Analysis

Results for: 5A OR MEDFORD BLCDT 20091023ACQ LIC
HAAT 823.0 m, ATV ERP 6.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 531390 | 54210.7 |
| not affected by terrain losses | 478260 | 49910.0 |
| 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

After Analysis

Results for: 5A OR MEDFORD BLCDT 20091023ACQ LIC
HAAT 823.0 m, ATV ERP 6.3 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 531390 | 54210.7 |
| not affected by terrain losses | 478260 | 49910.0 |
| lost to NTSC IX | 0 | 0.0 |
| lost to additional IX by ATV | 102 | 26.6 |
| lost to ATV IX only | 102 | 26.6 |
| lost to all IX | 102 | 26.6 |

Potential Interfering Stations Included in above Scenario 1

6A CA FORT JONES, ETC. USERRECORD01 APP

Percent new IX = 0.0213%

Worst case new IX 0.0213% Scenario 1

#####

OET-69 Interference Analysis (K06KA, Fort Jones, Etc., CA, Ch. 6) (Summary Results)

Analysis of Interference to Affected Station 18

Analysis of current record
Channel Call City/State Application Ref. No.
06 KEFM-LP CHICO CA BSTA -20100303AFV

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 19

Analysis of current record
Channel Call City/State Application Ref. No.
06 KEFM-LP CHICO CA BPTVL -20090630ADS

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 20

Analysis of current record
Channel Call City/State Application Ref. No.
06 KEFM-LP CHICO CA BLTVL -20070326ACW

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 21

Analysis of current record
Channel Call City/State Application Ref. No.
06 K10FS EUREKA CA BDISTTV -20081230AGZ

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 22

Analysis of current record
Channel Call City/State Application Ref. No.
06 NEW HEALDSBURG CA BNPDL -20090825CBK

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 23

Analysis of current record
Channel Call City/State Application Ref. No.
06 K06FA HOPLAND CA BLTTV -4184

Stations Potentially Affecting This Station

Proposal causes no interference

#####

OET-69 Interference Analysis (K06KA, Fort Jones, Etc., CA, Ch. 6) (Summary Results)

Analysis of Interference to Affected Station 24

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|-------------|-------------|----------|
| 06 | K06EX | LEWISTON CA | BLTTV | -1166 |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 25

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 06 | KNNN-LD | REDDING CA | BMPDVL | -20081219AFN |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 26

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 06 | KNNN-LP | REDDING CA | BLTVL | -20060918ACG |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 27

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 06 | KNNN-LD | REDDING CA | BMPDVL | -20110826ABQ |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 28

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|---------------|-------------|--------------|
| 06 | KEFM-LD | SACRAMENTO CA | BDISDVL | -20090121AIW |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 29

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|---------------|-------------|--------------|
| 06 | NEW | SACRAMENTO CA | BDCCDVL | -20110708ABD |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

OET-69 Interference Analysis (K06KA, Fort Jones, Etc., CA, Ch. 6) (Summary Results)

Analysis of Interference to Affected Station 30

Analysis of current record
Channel Call City/State Application Ref. No.
06 K06JK DAYTON NV BLTTV -19780822IC

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 31

Analysis of current record
Channel Call City/State Application Ref. No.
06 NEW RENO NV BNPDL -20090825AOE

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 32

Analysis of current record
Channel Call City/State Application Ref. No.
06 K06KC YERINGTON NV BLTTV -19800930IE

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 33

Analysis of current record
Channel Call City/State Application Ref. No.
06 K06PA-D BEND OR BDFCDVL -20090608ABF

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 34

Analysis of current record
Channel Call City/State Application Ref. No.
06 K06LI CHEMULT OR BLTTV -19900830IK

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 35

Analysis of current record
Channel Call City/State Application Ref. No.
06 K06NS-D CHILOQUIN OR BLDTV -20090126ABJ

Stations Potentially Affecting This Station

Proposal causes no interference

#####

OET-69 Interference Analysis (K06KA, Fort Jones, Etc., CA, Ch. 6) (Summary Results)

Analysis of Interference to Affected Station 36

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|------------|-------------|--------------|
| 06 | NEW | EUGENE OR | BNPDVL | -20090825ASQ |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 37

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|------|------------|-------------|--------------|
| 06 | NEW | EUGENE OR | BNPDVL | -20091020AAK |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 38

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|---------|------------|-------------|--------------|
| 06 | K06PA-D | REDMOND OR | BNPTVL | -20000829ANN |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 39

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|---------------|-------------|----------|
| 06 | K06IO | SCOTTSBURG OR | BLTTV | -4549 |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 40

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|-------------------------|-------------|-------------|
| 06 | K06JN | SEVERANCE RANCH, ETC OR | BLTTV | -19790614IB |

Stations Potentially Affecting This Station

Proposal causes no interference

#####

Analysis of Interference to Affected Station 41

Analysis of current record

| Channel | Call | City/State | Application | Ref. No. |
|---------|-------|---------------------|---------------|----------|
| 06 | K06KA | FORT JONES, ETC. CA | USERRECORD-01 | |

Stations Potentially Affecting This Station

| Chan | Call | City/State | Dist(km) | Status | Application | Ref. No. |
|------|-------|-------------|----------|--------|-------------|--------------|
| 06 | K10FS | EUREKA CA | 153.2 | CP | BDISTTV | -20081230AGZ |
| 06 | K06EX | LEWISTON CA | 86.5 | LIC | BLTTV | -1166 |

OET-69 Interference Analysis (K06KA, Fort Jones, Etc., CA, Ch. 6) (Summary Results)

| | | | | | | |
|----|---------|--------------|-------|--------|--------|--------------|
| 06 | KNNN-LD | REDDING CA | 96.2 | CP MOD | BMPDVL | -20081219AFN |
| 06 | KNNN-LP | REDDING CA | 96.1 | LIC | BLTVL | -20060918ACG |
| 06 | KNNN-LD | REDDING CA | 96.2 | APP | BMPDVL | -20110826ABQ |
| 06 | K06NS-D | CHILOQUIN OR | 130.4 | LIC | BLDTV | -20090126ABJ |

Total scenarios = 1

Result key: 2
Scenario 1 Affected station 41
Before Analysis

Results for: 6A CA FORT JONES, ETC. USERRECORD01 APP
HAAT 91.0 m, ATV ERP 0.0 kW

| | POPULATION | AREA (sq km) |
|--------------------------------|------------|--------------|
| within Noise Limited Contour | 4256 | 552.0 |
| not affected by terrain losses | 4256 | 552.0 |
| 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

FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED