

OET-69 Interference Analysis (K24JE-D, Sunriver, OR, Channel 24)(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: 09-10-2015

Record Selected for Analysis

K24JE-D USERRECORD-01 SUNRIVER OR US
Channel 24 ERP 0.3 kW HAAT 132. m RCAMSL 01511 m STRINGENT MASK
Latitude 043-52-25 Longitude 0121-30-11
Status APP Zone 2 Border Site number: 01
Dir Antenna Make CDB Model 00000000020724 Beam tilt N Ref Azimuth 90.
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	0.000	33.0	2.321
45.0	0.066	237.5	23.676
90.0	0.300	130.6	25.307
135.0	0.066	172.5	20.524
180.0	0.000	224.9	5.418
225.0	0.000	181.0	5.596
270.0	0.003	48.2	5.041
315.0	0.000	33.0	2.489

Database HAAT does not agree with computed HAAT
Database HAAT: 132 Computed HAAT: 133

Contour Overlap to Proposed Station

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

Channel	Proposed Station	ARN
	Call City/State	
24	K24JE-D SUNRIVER OR	USERRECORD01

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Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
23	KEZI	ELKTON OR	165.5	LIC	BLCDT -20120620AAA
23	KEVU-CD	EUGENE OR	129.6	LIC	BLDTA -20101029ACH
23	K23EX-D	MEDFORD OR	206.7	LIC	BLDTA -20131125BZO
23	K23CU-D	PRINEVILLE OR	76.5	LIC	BLDTL -20091014AAG
24	K24KX-D	CEDARVILLE CA	274.0	LIC	BLDTT -20120730AKG
24	KNVN	CHICO CA	404.7	LIC	BLCDT -20090105AFH
24	K04PH	ASTORIA OR	320.1	APP	BDISDTL -20080819ACU
24	K24FH-D	GLIDE, ETC. OR	137.4	LIC	BLDTT -20091125AAS
24	K24JI-D	HERMISTON OR	291.5	LIC	BLDTL -20131129ATU
24	K24KG-D	MADRAS OR	83.2	LIC	BLDTT -20120430ACW
24	K24LN-D	MEDFORD OR	211.1	CP	BDCCDTT -20130322AIK
24	K24DX	PENDLETON, ETC OR	229.7	LIC	BLTTL -19960301JB
24	KPWC-LD	TILLAMOOK OR	194.0	CP	BLANK -0000001179
24	KPWC-LD	TILLAMOOK OR	232.3	LIC	BLDTL -20090107ADZ
24	NEW	WARM SPRINGS OR	111.4	APP	BMJADTL -20100524AGR
24	K24IT-D	HOQUIAM WA	297.8	LIC	BLANK -0000001697
24	DK24AI	QUINCY WA	405.3	APP	BSTA -20140929ASU
24	DK24AI	QUINCY WA	405.3	APP	BDFCDTT -20120216AEB
24	NEW	YAKIMA WA	310.1	APP	BNPDTL -20090825AMM
24	NEW	YAKIMA WA	310.1	APP	BSTA -20130513ADA
25	K25NI-D	MAPLETON OR	188.5	LIC	BLDTT -20120608AAW
25	K25LW-D	MEDFORD OR	202.6	CP	BNPDTL -20090825BFN
25	KEZI	OAKRIDGE OR	76.1	LIC	BLCDT -20120626ACP
25	K25GA-D	REDMOND/PRINEVILLE OR	76.3	LIC	BLDTL -20130710ACD
25	K25KS-D	THE DALLES OR	206.6	LIC	BLDTT -20120405AAO
32	K32CC	MONTGOMERY RANCH,ETC OR	0.0	LIC	BLTT -19881013IC

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
23	KEZI	ELKTON OR	BLCDT -20120620AAA

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 2

Analysis of current record

Channel	Call	City/State	Application Ref. No.
23	KEVU-CD	EUGENE OR	BLDTA -20101029ACH

Stations Potentially Affecting This Station

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.
23	K23EX-D	MEDFORD OR	BLDTA -20131125BZO

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 4

Analysis of current record

Channel	Call	City/State	Application Ref. No.
23	K23CU-D	PRINEVILLE OR	BLDTL -20091014AAG

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Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	K24KX-D	CEDARVILLE CA	BLDTT	-20120730AKG

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 6

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	KNVN	CHICO CA	BLCDT	-20090105AFH

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 7

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	K04PH	ASTORIA OR	BDISDTL	-20080819ACU

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 8

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	K24FH-D	GLIDE, ETC. OR	BLDTT	-20091125AAS

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 9

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	K24JI-D	HERMISTON OR	BLDTL	-20131129ATU

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 10

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	K24KG-D	MADRAS OR	BLDTT	-20120430ACW

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Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 11

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	K24LN-D	MEDFORD OR	BDCCDTT	-20130322AIK

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	K24DX	PENDLETON, ETC OR	BLTTL	-19960301JB

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	KPWC-LD	TILLAMOOK OR	BLANK	-0000001179

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	KPWC-LD	TILLAMOOK OR	BLDTL	-20090107ADZ

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	NEW	WARM SPRINGS OR	BMJADTL	-20100524AGR

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 16

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	K24IT-D	HOQUIAM WA	BLANK	-0000001697

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Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	DK24AI	QUINCY WA	BSTA	-20140929ASU

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	DK24AI	QUINCY WA	BDFCDTT	-20120216AEB

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	NEW	YAKIMA WA	BNPDTL	-20090825AMM

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 20

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
24	NEW	YAKIMA WA	BSTA	-20130513ADA

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 21

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	K25NI-D	MAPLETON OR	BLDTT	-20120608AAW

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 22

OET-69 Interference Analysis (K24JE-D, Sunriver, OR, Channel 24)(Summary Results)

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	K25LW-D	MEDFORD OR	BNPDTL	-20090825BFN

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 23

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	KEZI	OAKRIDGE OR	BLCDT	-20120626ACP

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 24

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	K25GA-D	REDMOND/PRINEVILLE OR	BLDTL	-20130710ACD

Stations Potentially Affecting This Station

Proposal causes no interference

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Analysis of Interference to Affected Station 25

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
25	K25KS-D	THE DALLES OR	BLDTT	-20120405AAO

Stations Potentially Affecting This Station

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 26

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
32	K32CC	MONTGOMERY RANCH,ETC OR	BLTT	-19881013IC

Stations Potentially Affecting This Station

Proposal causes no interference

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