

Three Angels Broadcasting Network
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November 5, 2003

In evaluating the proposed relocation, change of coverage and channel displacement for K52EE, an outgoing interference study was executed at the new tower location, and an ERP of 18 kW. The stations listed in the table below showed possible interference. When these stations were evaluated for outgoing interference using the OET-69 Longley Rice methodology, there was zero percent interference present found in each case.

Callsign	Fac ID	ARN	City	Class	Type	Ovl Pop	Ovl Pop%
KMVU	32958	BLCT20021024AAW	MEDFORD	NTSC	LIC	0	0

The attached page identifies the considered list of stations when the outgoing interference analysis was executed.

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December 17, 2003

STATIONS CONSIDERED IN THE OUTGOING INTERFERENCE STUDY

Callsign	Fac ID	ARN	City	Class	Type
KMVU	32958	BLCT20021024AAW	MEDFORD	NTSC	LIC
KFTS	61335	BLET19890127KE	KLAMATH FALLS	NTSC	LIC
960920KV	83711	BPET19960920KV	WEAVERVILLE	NTSC	APP
970324KE	86493	BPET19970324KE	WEAVERVILLE	NTSC	APP
KBVU	58618	BLCT19940824KI	EUREKA	NTSC	LIC
KBVU	58618	BPCT20020326AAN	EUREKA	NTSC	CP
KSPX	52953	BLCT19900904KE	SACRAMENTO	NTSC	LIC
KBVU	58618	BPCT19960628KZ	EUREKA	NTSC	CP
K18DW	71073	BLTTL19990128JD	REDMOND, ETC.	LPTV	LIC CP
KVAL-DT	49766	BMPCDT20000427ABM	EUGENE	DTV	MOD
KVAL-TV*	49766	DTV ALLOTMENT	EUGENE	DTV	LIC
K25FG	25355	BLTTL19960529JB	ROSEBURG	LPTV	LIC
K24BV	22586	BLTT19880527IC	CAVE JUNCTION, ETC.	LPTV	LIC
K25CI	8310	BLTTL19890623ID	KLAMATH	LPTV	LIC
K25EN	8299	BLTT19980729JE	GOLD BEACH	LPTV	LIC
KVAL-DT	49766	BDSTA20011130AGI	EUGENE	D-STA	LIC

2 X PR-TV-25/50 PARAFLECTOR ARRAY
HORIZONTAL POLARIZATION - HORIZONTAL PLANE PATTERN

Azimuth	Relative Field	Relative dB	dBd	Power Gain
0	0.073	-22.8	-9.5	0.112
10	0.073	-22.8	-9.5	0.112
20	0.076	-22.4	-9.1	0.123
30	0.093	-20.7	-7.4	0.182
40	0.142	-16.9	-3.6	0.437
50	0.291	-10.7	2.6	1.820
60	0.630	-4.0	9.3	8.511
70	0.943	-0.5	12.8	19.055
80	0.946	-0.5	12.8	19.055
90	0.636	-3.9	9.4	8.710
100	0.303	-10.4	2.9	1.950
110	0.160	-15.9	-2.6	0.550
120	0.114	-18.9	-5.6	0.275
130	0.101	-19.9	-6.6	0.219
140	0.101	-19.9	-6.6	0.219
150	0.114	-18.9	-5.6	0.275
160	0.160	-15.9	-2.6	0.550
170	0.303	-10.4	2.9	1.950
180	0.636	-3.9	9.4	8.710
190	0.946	-0.5	12.8	19.055
200	0.943	-0.5	12.8	19.055
210	0.630	-4.0	9.3	8.511
220	0.291	-10.7	2.6	1.820
230	0.142	-16.9	-3.6	0.437
240	0.093	-20.7	-7.4	0.182
250	0.076	-22.4	-9.1	0.123
260	0.073	-22.8	-9.5	0.112
270	0.073	-22.8	-9.5	0.112
280	0.073	-22.7	-9.4	0.115
290	0.078	-22.1	-8.8	0.132
300	0.081	-21.9	-8.6	0.138
310	0.086	-21.3	-8.0	0.158
320	0.086	-21.3	-8.0	0.158
330	0.081	-21.9	-8.6	0.138
340	0.078	-22.1	-8.8	0.132
350	0.073	-22.7	-9.4	0.115

75 =

1.0

195 =

1.0