

Engineering Exhibit  
K249AS Facility ID: 77759  
Ashland, Oregon  
June 26, 2007

The applicant seeks to modify the facility of K249AS Ashland Oregon, a “fill-in” translator for station KZZE (FM) Eagle Point Oregon. This application seeks a correction of coordinates of approximately 0.28 kilometer. This change is necessary due to a recent survey of the tower. This is a minor change application.

The non-directional antenna for K249AS is located upon a tower described in antenna structure registration number 1210255. The height of the antenna is 72 meters above ground level. The owner of this tower is simultaneously making the necessary changes in the antenna registration..

This application is in compliance with Section 74.1204. An overlap study is presented in tabular form as Figure 2 of this exhibit which demonstrates prohibited overlap is predicted to occur only with parent station KZZE (FM) which operates on a 2<sup>nd</sup> adjacent channel to this translator. Figure 1 of this exhibit is depicting the 60 dBu F50:50 contour of primary (parent) station KZZE (FM) and this facility.

The Proposed facilities were evaluated in terms of potential radio frequency radiation exposure at ground level in accordance with OET Bulletin No. 65, “Evaluating Compliance With FCC-Specified Guidelines for Human Exposure to Radio frequency Radiation.”

The antenna system is a one bay Shively 6812, mounted with its center of radiation 72 meters above ground level, and will operate with an effective radiated power of 0.099 Kilowatts in both the horizontal and vertical planes. At 2 meters above ground, at 72.4 meters from the base of the tower, this proposal will contribute worst case, 0.29 microwatts per square centimeter, or 0.03 percent of the allowable ANSI limit for controlled exposure, and 0.15 percent of the allowable limit for uncontrolled exposure. As this is less than 5% of the guide value, Section 1.1307(b) does not require that nearby broadcast station power contribution be considered. It is therefore believed that this proposal is in compliance with OET Bulletin Number 65 as required by the Federal Communications Commission.

Further, the applicant will see that signs are posted in the vicinity of the tower, warning of potential radio frequency hazards at the site. The site itself is restricted from public access. The applicant will cooperate with other users of the tower to reduce power of the facility, or discontinue operation, as necessary to limit human exposure to levels less than specified by the Federal Communications Commission should anyone be required to climb the tower for maintenance or inspection.

Figure 1

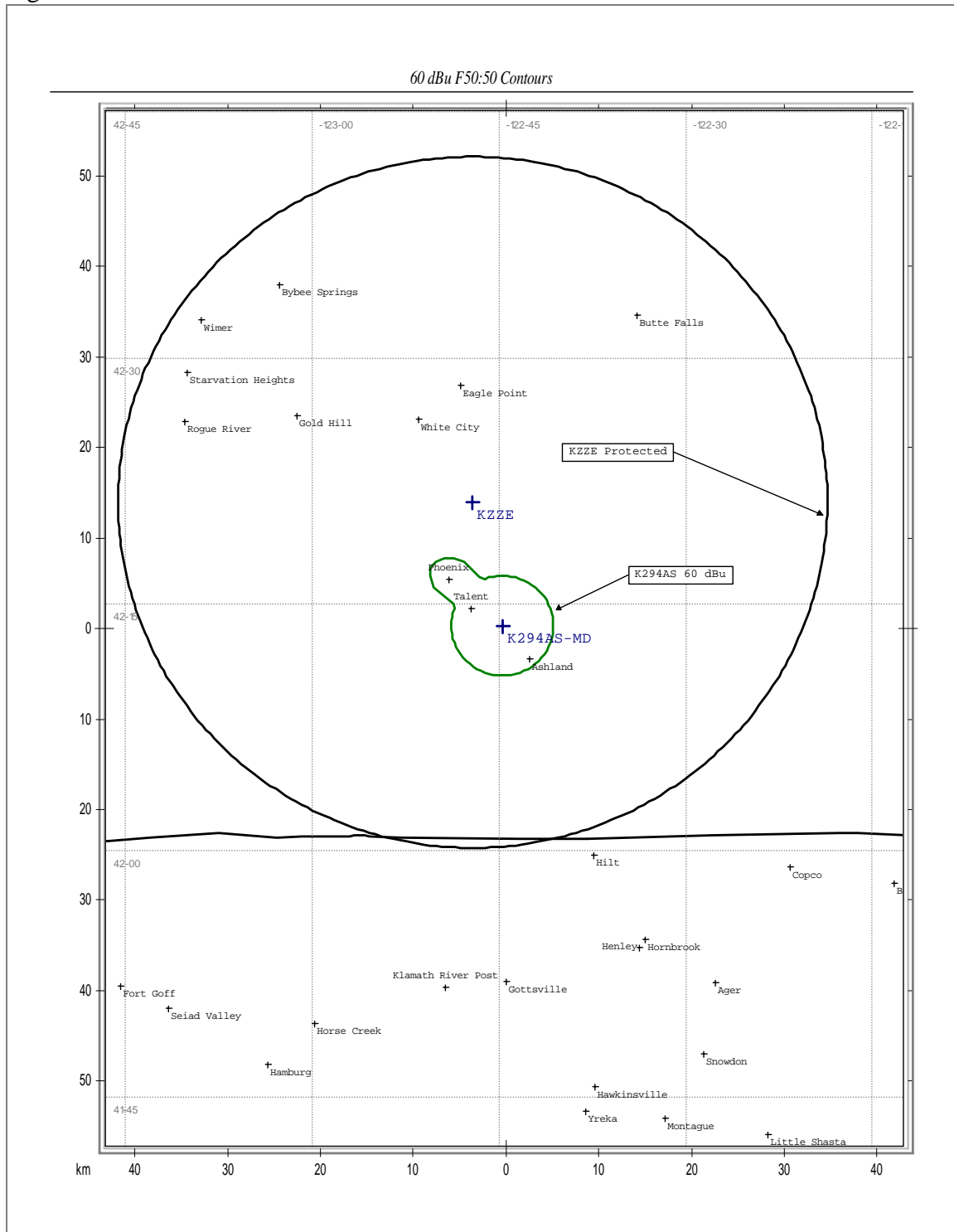


Figure 2

ComStudy 2.2 search of channel 294 (106.7 MHz Class D) at 42-13-42.0 N, 122-44-43.0 W.

Callsign	State	City	Freq	Chanl	ERP_w	Class	Status	Dist_km	Clr
K294AS	OR	ASHLAND	106.7	294	99	D	LIC	0.28	-24.59 dB
KZZE	OR	EAGLE POINT	106.3	292	900	C3	LIC	14.29	-18.60 dB
KKRB	OR	KLAMATH FALLS	106.9	295	51000	C1	LIC	76.62	6.83 dB
NEW	OR	ASHLAND	96.1	241	100	D	APP	7.45	7.4
K296BS	OR	MEDFORD, ETC.	107.1	296	180	D	LIC	30.9	10.04 dB
KCGP-LP	OR	GRANTS PASS	106.7	294	100	LP100	CP	58.07	10.86 dB
K293AU	CA	YREKA	106.5	293	10	D	LIC	54.86	11.08 dB
K293AB	OR	CAVE JUNCTION	106.5	293	10	D	LIC	75.73	18.40 dB
KRRX	CA	BURNEY	106.1	291	100000	C	LIC	165.64	20.64 dB
KLLF-LP	OR	ROSEBURG	106.7	294	100	LP100	LIC	119.88	24.58 dB