

Alpine Broadcasting Limited Partnership
Radio Station KYZK
Sun Valley, Idaho
Ch. 298C – 53 KW ERP
Non-Ionizing Electromagnetic Radiation Statement

In accordance with the Federal Communications Commission's rules, an assessment was made of the facility and its impact at the site. Table 1 of O.E.T. Bulletin 65 (Edition 97-01) was utilized to determine the extent of radio frequency radiation, as defined by the Commission's MPE limits, which are based upon those of ANSI/IEEE C95.1-1992 and the NCRP Report No. 86 (1986). The proposed antenna and effective radiated power were taken into consideration, utilizing the FCC/EPA computer model (FM Model) for estimating ground-level power densities.

The broadcast facility utilizes an existing tower. The location currently has one LPTV Television facility, one FM facility, and will have two other FM broadcast users. The LPTV (KSVT-LP, Ch. 20) operates with an effective radiated power of 143 watts, and antenna height of 10 meters above ground. The overall RF effect of KSVT-LP is negligible at ground level.

The proposed FM antenna system is a circularly polarized, non-directional design, with special 9/10 wave spacing, emitting a combined maximum effective radiated power of 122 kw. The center of radiation is 23 meters above ground. This produces a maximum field intensity level of 196.27 microwatts at a distance of 14 meters from the center of radiation, and decreasing field intensity level beyond 30 meters. See Figure 1A.

Because the predicted field intensity does not exceed the maximum levels for controlled or uncontrolled exposure, the proposed facilities that include the KYZK signal will be in compliance with the limits set forth in OET Bulletin 65, Edition 97-01 (Table 1, Limits for Maximum Permissible Exposure).

The site is located atop a remote mountain, and access is restricted to maintenance and engineering personnel. The area surrounding the site is rural, and has no permanent population. Only authorized persons are allowed to enter the site, which is over 3 kilometers from the nearest public highway, and access is via a narrow, rugged trail.

The applicant will continue to, in coordination with any current and future users of the site, reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radio frequency radiation in excess of FCC guidelines.

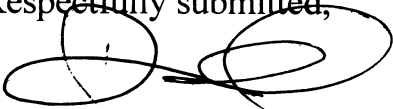
Electromagnetic Compatibility

The proposed KYZK antenna site is not within 200 feet (60.96 meters) of any other FM broadcast facilities. The other known facilities at Seattle Ridge are as follows:

KSVT-LP .143 kw

No adverse interaction is expected to occur between any existing services and the operation of KYZK. Alpine Broadcasting acknowledges its responsibility to correct any problems caused by intermodulation interference resulting from its operation of Channel 298C at this location, and certifies that it will assume full financial responsibility for resolving any interference related problems.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Donald E. Mussell Jr.', written over a horizontal line.

Donald E. Mussell Jr. CBT-NCE
Consulting Engineer
March 8, 2002