

Comprehensive Engineering Exhibit  
Clear Channel Broadcast Licenses, Inc.  
Minor Change in Licensed Facility  
KODJ (FM) FID#: 48916  
Salk Lake City, Utah

Citicaster Licenses, L.P. seeks to modify KODJ to share the same tower as TV station KSL(TV), this tower is described by Antenna Structure Registration (ASR) Number: 1237796. The proposed location is at a height of 45.7 meters above ground level.

As this antenna location will provide for a height above average terrain (HAAT) of 1137.7 meters, this application specifies a power of 24 kW, to maintain class C equivalency. From the proposed location KODJ will be fully spaced Section 73.207 to all stations, applications and allocations as demonstrated in Figure 1 below.

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 proposed antenna system is a 6- bay, half-wave spaced, ERI "Rototiller " antenna, mounted with its center of radiation 45.7 meters above ground level, with a total effective radiated power of 24 Kilowatts in both the horizontal and vertical planes. At 2 meters above ground, at 262 meters from the base of the tower, this proposal will contribute worst case 9.47 microwatts per square centimeter, or 0.947 percent of the allowable ANSI limit for controlled exposure, and 4.73 percent of the allowable limit for uncontrolled exposure. 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.

ComStudy 2.2 search of channel 231 (94.1 MHz Class C) at 40-39-35.0 N, 112-12-04.0 W.											
Call	State	City	Freq	Chnl	ERP_w	Class	Status	Dist_km	Sep	Clr	Notes
KODJ	UT	SALT LAKE CITY	94.1	231	37000	C	LIC	6.75	290	-283	1
	WY	KEMMERER	93.9	230	0	C2	ADD	186.1	188	-1.9	2
KXRQ	UT	ROOSEVELT	94.3	232	17500	C1	LIC	211.7	209	2.7	
	ID	POCATELLO	93.9	230	0	C	ADD	246.4	241	5.4	
	UT	LEVAN	93.7	229	0	C	ADD	116.6	105	11.6	
Note 1.	This is present facility for this station										
Note 2.	This proposed allocation in RM-11127A Docket 04-427 was denied in an R&O released June 10, 2005 , a petition for reconsideration filed, however the petitioner has requested to withdraw that petition. For those reasons this proposed allocation is not being protected										

